

## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## LAB CHRONICLE

|                 |                         |                   |                                            |
|-----------------|-------------------------|-------------------|--------------------------------------------|
| <b>OrderID:</b> | Q3399                   | <b>OrderDate:</b> | 10/20/2025 1:23:08 PM                      |
| <b>Client:</b>  | ICE Service Group, Inc. | <b>Project:</b>   | NWIRP Northrup Grumman Site – Bethpage, NY |
| <b>Contact:</b> | Dennis D. Morgan, II    | <b>Location:</b>  | D41,VOA Ref. #2 Soil                       |

| LabID           | ClientID            | Matrix      | Test             | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------------|-------------|------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q3399-01</b> | <b>COMP-ROLLOFF</b> | <b>SOIL</b> | SVOC-TCL BNA -20 | 8270E  | <b>10/20/25</b> | 10/22/25  | 10/22/25  | <b>10/20/25</b> |
| <b>Q3399-02</b> | <b>COMP-ROLLOFF</b> | <b>TCLP</b> | TCLP BNA         | 8270E  | <b>10/20/25</b> | 10/22/25  | 10/22/25  | <b>10/20/25</b> |



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

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

**SDG No.:** Q3399

**Client:** ICE Service Group, Inc.

| Sample ID                       | Client ID    | Matrix | Parameter                         | Concentration | C             | MDL | LOD | RDL | Units |
|---------------------------------|--------------|--------|-----------------------------------|---------------|---------------|-----|-----|-----|-------|
| <b>Client ID : COMP-ROLLOFF</b> |              |        |                                   |               |               |     |     |     |       |
| Q3399-01                        | COMP-ROLLOFF | SOIL   | Benzophenone                      | *             | 200.000       | J   | 0   | 0   | ug/Kg |
| Q3399-01                        | COMP-ROLLOFF | SOIL   | n-Hexadecanoic acid               | *             | 130.000       | J   | 0   | 0   | ug/Kg |
| Q3399-01                        | COMP-ROLLOFF | SOIL   | Pentafluoropropionic acid, pentad | *             | 170.000       | J   | 0   | 0   | ug/Kg |
| <b>Total Tics :</b>             |              |        |                                   |               | <b>500.00</b> |     |     |     |       |
| <b>Total Concentration:</b>     |              |        |                                   |               | <b>500.00</b> |     |     |     |       |



# QC SUMMARY



## Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

| Lab Sample ID | Client ID       | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|----------------------|-------------|--------------|--------------|------|------------|------|
|               |                 |                      |             |              |              |      | Low        | High |
| PB170206BL    | PB170206BL      | 2-Fluorophenol       | 150         | 125          | 84           |      | 35         | 115  |
|               |                 | Phenol-d6            | 150         | 129          | 86           |      | 34         | 127  |
|               |                 | Nitrobenzene-d5      | 100         | 86.7         | 87           |      | 37         | 122  |
|               |                 | 2-Fluorobiphenyl     | 100         | 84.7         | 85           |      | 44         | 115  |
|               |                 | 2,4,6-Tribromophenol | 150         | 152          | 102          |      | 39         | 132  |
|               |                 | Terphenyl-d14        | 100         | 105          | 105          |      | 54         | 127  |
| PB170206BS    | PB170206BS      | 2-Fluorophenol       | 150         | 108          | 72           |      | 35         | 115  |
|               |                 | Phenol-d6            | 150         | 112          | 75           |      | 34         | 127  |
|               |                 | Nitrobenzene-d5      | 100         | 78.4         | 78           |      | 37         | 122  |
|               |                 | 2-Fluorobiphenyl     | 100         | 77.8         | 78           |      | 44         | 115  |
|               |                 | 2,4,6-Tribromophenol | 150         | 121          | 81           |      | 39         | 132  |
|               |                 | Terphenyl-d14        | 100         | 95.7         | 96           |      | 54         | 127  |
| Q3399-01      | COMP-ROLLOFF    | 2-Fluorophenol       | 150         | 93.5         | 62           |      | 35         | 115  |
|               |                 | Phenol-d6            | 150         | 89.9         | 60           |      | 34         | 127  |
|               |                 | Nitrobenzene-d5      | 100         | 67.4         | 67           |      | 37         | 122  |
|               |                 | 2-Fluorobiphenyl     | 100         | 70.9         | 71           |      | 44         | 115  |
|               |                 | 2,4,6-Tribromophenol | 150         | 107          | 71           |      | 39         | 132  |
|               |                 | Terphenyl-d14        | 100         | 48.6         | 49           | *    | 54         | 127  |
| Q3399-01MS    | COMP-ROLLOFFMS  | 2-Fluorophenol       | 150         | 90.7         | 60           |      | 35         | 115  |
|               |                 | Phenol-d6            | 150         | 85.1         | 57           |      | 34         | 127  |
|               |                 | Nitrobenzene-d5      | 100         | 66.5         | 66           |      | 37         | 122  |
|               |                 | 2-Fluorobiphenyl     | 100         | 64.8         | 65           |      | 44         | 115  |
|               |                 | 2,4,6-Tribromophenol | 150         | 104          | 69           |      | 39         | 132  |
|               |                 | Terphenyl-d14        | 100         | 50.5         | 51           | *    | 54         | 127  |
| Q3399-01MSD   | COMP-ROLLOFFMSD | 2-Fluorophenol       | 150         | 95.5         | 64           |      | 35         | 115  |
|               |                 | Phenol-d6            | 150         | 89.5         | 60           |      | 34         | 127  |
|               |                 | Nitrobenzene-d5      | 100         | 68.4         | 68           |      | 37         | 122  |
|               |                 | 2-Fluorobiphenyl     | 100         | 67.5         | 68           |      | 44         | 115  |
|               |                 | 2,4,6-Tribromophenol | 150         | 105          | 70           |      | 39         | 132  |
|               |                 | Terphenyl-d14        | 100         | 53.4         | 53           | *    | 54         | 127  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3399

**Analytical Method:** SW8270E

**Client:** ICE Service Group, Inc.

**DataFile:** BF144045.D

| Parameter                        | Spike | Sample Result                           | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|-----------------------------------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: Q3399-01MS</b> |       | <b>Client Sample ID: COMP-ROLLOFFMS</b> |        |       |     |          |     |          |     |             |     |
| Benzaldehyde                     | 1800  | 0                                       | 920    | ug/Kg | 51  |          |     |          | 10  | 161         |     |
| Phenol                           | 1800  | 0                                       | 1600   | ug/Kg | 89  |          |     |          | 34  | 121         |     |
| bis(2-Chloroethyl)ether          | 1800  | 0                                       | 1600   | ug/Kg | 89  |          |     |          | 31  | 120         |     |
| 2-Chlorophenol                   | 1800  | 0                                       | 1700   | ug/Kg | 94  |          |     |          | 34  | 121         |     |
| 2-Methylphenol                   | 1800  | 0                                       | 1600   | ug/Kg | 89  |          |     |          | 32  | 122         |     |
| 2,2-oxybis(1-Chloropropane)      | 1800  | 0                                       | 1300   | ug/Kg | 72  |          |     |          | 33  | 131         |     |
| Acetophenone                     | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 33  | 115         |     |
| 3+4-Methylphenols                | 1800  | 0                                       | 1600   | ug/Kg | 89  |          |     |          | 34  | 119         |     |
| N-Nitroso-di-n-propylamine       | 1800  | 0                                       | 1500   | ug/Kg | 83  |          |     |          | 36  | 120         |     |
| Hexachloroethane                 | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 28  | 117         |     |
| Nitrobenzene                     | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 34  | 122         |     |
| Isophorone                       | 1800  | 0                                       | 1700   | ug/Kg | 94  |          |     |          | 30  | 122         |     |
| 2-Nitrophenol                    | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 36  | 123         |     |
| 2,4-Dimethylphenol               | 1800  | 0                                       | 1900   | ug/Kg | 106 |          |     |          | 30  | 127         |     |
| bis(2-Chloroethoxy)methane       | 1800  | 0                                       | 1700   | ug/Kg | 94  |          |     |          | 36  | 121         |     |
| 2,4-Dichlorophenol               | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 40  | 122         |     |
| Naphthalene                      | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 35  | 123         |     |
| 4-Chloroaniline                  | 1800  | 0                                       | 780    | ug/Kg | 43  |          |     |          | 17  | 106         |     |
| Hexachlorobutadiene              | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 32  | 123         |     |
| Caprolactam                      | 1800  | 0                                       | 1600   | ug/Kg | 89  |          |     |          | 46  | 117         |     |
| 4-Chloro-3-methylphenol          | 1800  | 0                                       | 1700   | ug/Kg | 94  |          |     |          | 45  | 122         |     |
| 2-Methylnaphthalene              | 1800  | 0                                       | 1600   | ug/Kg | 89  |          |     |          | 38  | 122         |     |
| Hexachlorocyclopentadiene        | 3700  | 0                                       | 2500   | ug/Kg | 68  |          |     |          | 43  | 112         |     |
| 2,4,6-Trichlorophenol            | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 39  | 126         |     |
| 2,4,5-Trichlorophenol            | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 41  | 124         |     |
| 1,1-Biphenyl                     | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 40  | 117         |     |
| 2-Chloronaphthalene              | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 41  | 114         |     |
| 2-Nitroaniline                   | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 44  | 127         |     |
| Dimethylphthalate                | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 48  | 124         |     |
| Acenaphthylene                   | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 32  | 132         |     |
| 2,6-Dinitrotoluene               | 1800  | 0                                       | 2100   | ug/Kg | 117 |          |     |          | 46  | 124         |     |
| 3-Nitroaniline                   | 1800  | 0                                       | 1300   | ug/Kg | 72  |          |     |          | 33  | 119         |     |
| Acenaphthene                     | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 40  | 123         |     |
| 2,4-Dinitrophenol                | 3700  | 0                                       | 2800   | ug/Kg | 76  |          |     |          | 15  | 130         |     |
| 4-Nitrophenol                    | 3700  | 0                                       | 3100   | ug/Kg | 84  |          |     |          | 30  | 132         |     |
| Dibenzofuran                     | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 44  | 120         |     |
| 2,4-Dinitrotoluene               | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 48  | 126         |     |
| Diethylphthalate                 | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 50  | 124         |     |
| 4-Chlorophenyl-phenylether       | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 45  | 121         |     |
| Fluorene                         | 1800  | 0                                       | 1800   | ug/Kg | 100 |          |     |          | 43  | 125         |     |
| 4-Nitroaniline                   | 1800  | 0                                       | 1700   | ug/Kg | 94  |          |     |          | 35  | 115         |     |
| 4,6-Dinitro-2-methylphenol       | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 29  | 132         |     |
| N-Nitrosodiphenylamine           | 1800  | 0                                       | 1900   | ug/Kg | 106 |          |     |          | 38  | 127         |     |
| 4-Bromophenyl-phenylether        | 1800  | 0                                       | 1900   | ug/Kg | 106 |          |     |          | 46  | 124         |     |
| Hexachlorobenzene                | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 45  | 122         |     |
| Atrazine                         | 1800  | 0                                       | 2000   | ug/Kg | 111 |          |     |          | 47  | 127         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3399

**Analytical Method:** SW8270E

**Client:** ICE Service Group, Inc.

**DataFile:** BF144045.D

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Pentachlorophenol          | 3700  | 0                | 3500   | ug/Kg | 95  |             |     |             | 25  | 133            |     |
| Phenanthrene               | 1800  | 0                | 1800   | ug/Kg | 100 |             |     |             | 50  | 121            |     |
| Anthracene                 | 1800  | 0                | 1900   | ug/Kg | 106 |             |     |             | 47  | 123            |     |
| Carbazole                  | 1800  | 0                | 1900   | ug/Kg | 106 |             |     |             | 50  | 123            |     |
| Di-n-butylphthalate        | 1800  | 0                | 1900   | ug/Kg | 106 |             |     |             | 51  | 128            |     |
| Fluoranthene               | 1800  | 0                | 2000   | ug/Kg | 111 |             |     |             | 50  | 127            |     |
| Pyrene                     | 1800  | 0                | 1400   | ug/Kg | 78  |             |     |             | 47  | 127            |     |
| Butylbenzylphthalate       | 1800  | 0                | 1700   | ug/Kg | 94  |             |     |             | 48  | 132            |     |
| 3,3-Dichlorobenzidine      | 1800  | 0                | 1600   | ug/Kg | 89  |             |     |             | 22  | 121            |     |
| Benzo(a)anthracene         | 1800  | 0                | 1800   | ug/Kg | 100 |             |     |             | 49  | 126            |     |
| Chrysene                   | 1800  | 0                | 1900   | ug/Kg | 106 |             |     |             | 50  | 124            |     |
| bis(2-Ethylhexyl)phthalate | 1800  | 0                | 2000   | ug/Kg | 111 |             |     |             | 51  | 133            |     |
| Di-n-octyl phthalate       | 1800  | 0                | 2200   | ug/Kg | 122 |             |     |             | 45  | 140            |     |
| Benzo(b)fluoranthene       | 1800  | 0                | 1900   | ug/Kg | 106 |             |     |             | 45  | 132            |     |
| Benzo(k)fluoranthene       | 1800  | 0                | 1800   | ug/Kg | 100 |             |     |             | 47  | 132            |     |
| Benzo(a)pyrene             | 1800  | 0                | 1900   | ug/Kg | 106 |             |     |             | 45  | 129            |     |
| Indeno(1,2,3-cd)pyrene     | 1800  | 0                | 1500   | ug/Kg | 83  |             |     |             | 45  | 133            |     |
| Dibenz(a,h)anthracene      | 1800  | 0                | 1600   | ug/Kg | 89  |             |     |             | 45  | 134            |     |
| Benzo(g,h,i)perylene       | 1800  | 0                | 1400   | ug/Kg | 78  |             |     |             | 43  | 134            |     |
| 1,2,4,5-Tetrachlorobenzene | 1800  | 0                | 2100   | ug/Kg | 117 |             |     |             | 37  | 119            |     |
| 1,4-Dioxane                | 1800  | 0                | 1600   | ug/Kg | 89  |             |     |             | 70  | 130            |     |
| 2,3,4,6-Tetrachlorophenol  | 1800  | 0                | 1900   | ug/Kg | 106 |             |     |             | 44  | 125            |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3399

**Analytical Method:** SW8270E

**Client:** ICE Service Group, Inc.

**DataFile:** BF144046.D

| Parameter                   | Spike              | Sample Result            | Result                 | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|------------------------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>Q3399-01MSD</b> | <b>Client Sample ID:</b> | <b>COMP-ROLLOFFMSD</b> |       |     |          |     |          |     |             |     |
| Benzaldehyde                | 1900               | 0                        | 990                    | ug/Kg | 52  | 2        |     |          | 10  | 161         | 20  |
| Phenol                      | 1900               | 0                        | 1700                   | ug/Kg | 89  | 0        |     |          | 34  | 121         | 20  |
| bis(2-Chloroethyl)ether     | 1900               | 0                        | 1600                   | ug/Kg | 84  | 6        |     |          | 31  | 120         | 20  |
| 2-Chlorophenol              | 1900               | 0                        | 1800                   | ug/Kg | 95  | 1        |     |          | 34  | 121         | 20  |
| 2-Methylphenol              | 1900               | 0                        | 1700                   | ug/Kg | 89  | 0        |     |          | 32  | 122         | 20  |
| 2,2-oxybis(1-Chloropropane) | 1900               | 0                        | 1400                   | ug/Kg | 74  | 3        |     |          | 33  | 131         | 20  |
| Acetophenone                | 1900               | 0                        | 2000                   | ug/Kg | 105 | 6        |     |          | 33  | 115         | 20  |
| 3+4-Methylphenols           | 1900               | 0                        | 1700                   | ug/Kg | 89  | 0        |     |          | 34  | 119         | 20  |
| N-Nitroso-di-n-propylamine  | 1900               | 0                        | 1700                   | ug/Kg | 89  | 7        |     |          | 36  | 120         | 20  |
| Hexachloroethane            | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 28  | 117         | 20  |
| Nitrobenzene                | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 34  | 122         | 20  |
| Isophorone                  | 1900               | 0                        | 1700                   | ug/Kg | 89  | 5        |     |          | 30  | 122         | 20  |
| 2-Nitrophenol               | 1900               | 0                        | 2100                   | ug/Kg | 111 | 0        |     |          | 36  | 123         | 20  |
| 2,4-Dimethylphenol          | 1900               | 0                        | 2000                   | ug/Kg | 105 | 1        |     |          | 30  | 127         | 20  |
| bis(2-Chloroethoxy)methane  | 1900               | 0                        | 1700                   | ug/Kg | 89  | 5        |     |          | 36  | 121         | 20  |
| 2,4-Dichlorophenol          | 1900               | 0                        | 1800                   | ug/Kg | 95  | 5        |     |          | 40  | 122         | 20  |
| Naphthalene                 | 1900               | 0                        | 1800                   | ug/Kg | 95  | 5        |     |          | 35  | 123         | 20  |
| 4-Chloroaniline             | 1900               | 0                        | 760                    | ug/Kg | 40  | 7        |     |          | 17  | 106         | 20  |
| Hexachlorobutadiene         | 1900               | 0                        | 2100                   | ug/Kg | 111 | 0        |     |          | 32  | 123         | 20  |
| Caprolactam                 | 1900               | 0                        | 1700                   | ug/Kg | 89  | 0        |     |          | 46  | 117         | 20  |
| 4-Chloro-3-methylphenol     | 1900               | 0                        | 1800                   | ug/Kg | 95  | 1        |     |          | 45  | 122         | 20  |
| 2-Methylnaphthalene         | 1900               | 0                        | 1700                   | ug/Kg | 89  | 0        |     |          | 38  | 122         | 20  |
| Hexachlorocyclopentadiene   | 3700               | 0                        | 2800                   | ug/Kg | 76  | 11       |     |          | 43  | 112         | 20  |
| 2,4,6-Trichlorophenol       | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 39  | 126         | 20  |
| 2,4,5-Trichlorophenol       | 1900               | 0                        | 2000                   | ug/Kg | 105 | 5        |     |          | 41  | 124         | 20  |
| 1,1-Biphenyl                | 1900               | 0                        | 2100                   | ug/Kg | 111 | 0        |     |          | 40  | 117         | 20  |
| 2-Chloronaphthalene         | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 41  | 114         | 20  |
| 2-Nitroaniline              | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 44  | 127         | 20  |
| Dimethylphthalate           | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 48  | 124         | 20  |
| Acenaphthylene              | 1900               | 0                        | 2100                   | ug/Kg | 111 | 0        |     |          | 32  | 132         | 20  |
| 2,6-Dinitrotoluene          | 1900               | 0                        | 2200                   | ug/Kg | 116 | 1        |     |          | 46  | 124         | 20  |
| 3-Nitroaniline              | 1900               | 0                        | 1300                   | ug/Kg | 68  | 6        |     |          | 33  | 119         | 20  |
| Acenaphthene                | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 40  | 123         | 20  |
| 2,4-Dinitrophenol           | 3700               | 0                        | 2800                   | ug/Kg | 76  | 0        |     |          | 15  | 130         | 20  |
| 4-Nitrophenol               | 3700               | 0                        | 3000                   | ug/Kg | 81  | 4        |     |          | 30  | 132         | 20  |
| Dibenzofuran                | 1900               | 0                        | 1800                   | ug/Kg | 95  | 5        |     |          | 44  | 120         | 20  |
| 2,4-Dinitrotoluene          | 1900               | 0                        | 2100                   | ug/Kg | 111 | 0        |     |          | 48  | 126         | 20  |
| Diethylphthalate            | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 50  | 124         | 20  |
| 4-Chlorophenyl-phenylether  | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 45  | 121         | 20  |
| Fluorene                    | 1900               | 0                        | 1900                   | ug/Kg | 100 | 0        |     |          | 43  | 125         | 20  |
| 4-Nitroaniline              | 1900               | 0                        | 1800                   | ug/Kg | 95  | 1        |     |          | 35  | 115         | 20  |
| 4,6-Dinitro-2-methylphenol  | 1900               | 0                        | 2200                   | ug/Kg | 116 | 4        |     |          | 29  | 132         | 20  |
| N-Nitrosodiphenylamine      | 1900               | 0                        | 1900                   | ug/Kg | 100 | 6        |     |          | 38  | 127         | 20  |
| 4-Bromophenyl-phenylether   | 1900               | 0                        | 2000                   | ug/Kg | 105 | 1        |     |          | 46  | 124         | 20  |
| Hexachlorobenzene           | 1900               | 0                        | 2000                   | ug/Kg | 105 | 6        |     |          | 45  | 122         | 20  |
| Atrazine                    | 1900               | 0                        | 2100                   | ug/Kg | 111 | 0        |     |          | 47  | 127         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3399

**Analytical Method:** SW8270E

**Client:** ICE Service Group, Inc.

**DataFile:** BF144046.D

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Pentachlorophenol          | 3700  | 0                | 3500   | ug/Kg | 95  |             | 0   |             | 25  | 133            | 20  |
| Phenanthrene               | 1900  | 0                | 1900   | ug/Kg | 100 |             | 0   |             | 50  | 121            | 20  |
| Anthracene                 | 1900  | 0                | 1900   | ug/Kg | 100 |             | 6   |             | 47  | 123            | 20  |
| Carbazole                  | 1900  | 0                | 1900   | ug/Kg | 100 |             | 6   |             | 50  | 123            | 20  |
| Di-n-butylphthalate        | 1900  | 0                | 1900   | ug/Kg | 100 |             | 6   |             | 51  | 128            | 20  |
| Fluoranthene               | 1900  | 0                | 2000   | ug/Kg | 105 |             | 6   |             | 50  | 127            | 20  |
| Pyrene                     | 1900  | 0                | 1400   | ug/Kg | 74  |             | 5   |             | 47  | 127            | 20  |
| Butylbenzylphthalate       | 1900  | 0                | 1800   | ug/Kg | 95  |             | 1   |             | 48  | 132            | 20  |
| 3,3-Dichlorobenzidine      | 1900  | 0                | 1700   | ug/Kg | 89  |             | 0   |             | 22  | 121            | 20  |
| Benzo(a)anthracene         | 1900  | 0                | 1900   | ug/Kg | 100 |             | 0   |             | 49  | 126            | 20  |
| Chrysene                   | 1900  | 0                | 2000   | ug/Kg | 105 |             | 1   |             | 50  | 124            | 20  |
| bis(2-Ethylhexyl)phthalate | 1900  | 0                | 2100   | ug/Kg | 111 |             | 0   |             | 51  | 133            | 20  |
| Di-n-octyl phthalate       | 1900  | 0                | 2300   | ug/Kg | 121 |             | 1   |             | 45  | 140            | 20  |
| Benzo(b)fluoranthene       | 1900  | 0                | 1900   | ug/Kg | 100 |             | 6   |             | 45  | 132            | 20  |
| Benzo(k)fluoranthene       | 1900  | 0                | 1800   | ug/Kg | 95  |             | 5   |             | 47  | 132            | 20  |
| Benzo(a)pyrene             | 1900  | 0                | 2000   | ug/Kg | 105 |             | 1   |             | 45  | 129            | 20  |
| Indeno(1,2,3-cd)pyrene     | 1900  | 0                | 1500   | ug/Kg | 79  |             | 5   |             | 45  | 133            | 20  |
| Dibenz(a,h)anthracene      | 1900  | 0                | 1600   | ug/Kg | 84  |             | 6   |             | 45  | 134            | 20  |
| Benzo(g,h,i)perylene       | 1900  | 0                | 1400   | ug/Kg | 74  |             | 5   |             | 43  | 134            | 20  |
| 1,2,4,5-Tetrachlorobenzene | 1900  | 0                | 2300   | ug/Kg | 121 | *           | 3   |             | 37  | 119            | 20  |
| 1,4-Dioxane                | 1900  | 0                | 1700   | ug/Kg | 89  |             | 0   |             | 70  | 130            | 20  |
| 2,3,4,6-Tetrachlorophenol  | 1900  | 0                | 2000   | ug/Kg | 105 |             | 1   |             | 44  | 125            | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method:

8270E

Client: ICE Service Group, Inc.

DataFile:

BF144076.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB170206BS    | Benzaldehyde                | 1700  | 830    | ug/Kg | 49  |     |      |      | 10  | 161    |     |
|               | Phenol                      | 1700  | 1300   | ug/Kg | 76  |     |      |      | 34  | 121    |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 31  | 120    |     |
|               | 2-Chlorophenol              | 1700  | 1300   | ug/Kg | 76  |     |      |      | 34  | 121    |     |
|               | 2-Methylphenol              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 32  | 122    |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1400   | ug/Kg | 82  |     |      |      | 33  | 131    |     |
|               | Acetophenone                | 1700  | 1600   | ug/Kg | 94  |     |      |      | 33  | 115    |     |
|               | 3+4-Methylphenols           | 1700  | 1400   | ug/Kg | 82  |     |      |      | 34  | 119    |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 36  | 120    |     |
|               | Hexachloroethane            | 1700  | 1300   | ug/Kg | 76  |     |      |      | 28  | 117    |     |
|               | Nitrobenzene                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 34  | 122    |     |
|               | Isophorone                  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 30  | 122    |     |
|               | 2-Nitrophenol               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 36  | 123    |     |
|               | 2,4-Dimethylphenol          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 30  | 127    |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 36  | 121    |     |
|               | 2,4-Dichlorophenol          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 40  | 122    |     |
|               | Naphthalene                 | 1700  | 1400   | ug/Kg | 82  |     |      |      | 35  | 123    |     |
|               | 4-Chloroaniline             | 1700  | 770    | ug/Kg | 45  |     |      |      | 17  | 106    |     |
|               | Hexachlorobutadiene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 32  | 123    |     |
|               | Caprolactam                 | 1700  | 1600   | ug/Kg | 94  |     |      |      | 46  | 117    |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 45  | 122    |     |
|               | 2-Methylnaphthalene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 38  | 122    |     |
|               | Hexachlorocyclopentadiene   | 3300  | 4500   | ug/Kg | 136 |     | *    |      | 43  | 112    |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 39  | 126    |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 41  | 124    |     |
|               | 1,1-Biphenyl                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 40  | 117    |     |
|               | 2-Chloronaphthalene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 41  | 114    |     |
|               | 2-Nitroaniline              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 44  | 127    |     |
|               | Dimethylphthalate           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 48  | 124    |     |
|               | Acenaphthylene              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 32  | 132    |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 46  | 124    |     |
|               | 3-Nitroaniline              | 1700  | 980    | ug/Kg | 58  |     |      |      | 33  | 119    |     |
|               | Acenaphthene                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 40  | 123    |     |
|               | 2,4-Dinitrophenol           | 3300  | 3200   | ug/Kg | 97  |     |      |      | 15  | 130    |     |
|               | 4-Nitrophenol               | 3300  | 2800   | ug/Kg | 85  |     |      |      | 30  | 132    |     |
|               | Dibenzofuran                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 44  | 120    |     |
|               | 2,4-Dinitrotoluene          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 48  | 126    |     |
|               | Diethylphthalate            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 50  | 124    |     |
|               | 4-Chlorophenyl-phenylether  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 45  | 121    |     |
|               | Fluorene                    | 1700  | 1400   | ug/Kg | 82  |     |      |      | 43  | 125    |     |
|               | 4-Nitroaniline              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 35  | 115    |     |
|               | 4,6-Dinitro-2-methylphenol  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 29  | 132    |     |
|               | N-Nitrosodiphenylamine      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 38  | 127    |     |
|               | 4-Bromophenyl-phenylether   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 46  | 124    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method:

8270E

Client: ICE Service Group, Inc.

DataFile:

BF144076.D

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |       |     |     | Qual | Qual | Low    | High |     |
| PB170206BS    | Hexachlorobenzene          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 45     | 122  |     |
|               | Atrazine                   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 47     | 127  |     |
|               | Pentachlorophenol          | 3300  | 3000   | ug/Kg | 91  |     |      |      | 25     | 133  |     |
|               | Phenanthrene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 50     | 121  |     |
|               | Anthracene                 | 1700  | 1400   | ug/Kg | 82  |     |      |      | 47     | 123  |     |
|               | Carbazole                  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 50     | 123  |     |
|               | Di-n-butylphthalate        | 1700  | 1300   | ug/Kg | 76  |     |      |      | 51     | 128  |     |
|               | Fluoranthene               | 1700  | 1200   | ug/Kg | 71  |     |      |      | 50     | 127  |     |
|               | Pyrene                     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 47     | 127  |     |
|               | Butylbenzylphthalate       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 48     | 132  |     |
|               | 3,3-Dichlorobenzidine      | 1700  | 1000   | ug/Kg | 59  |     |      |      | 22     | 121  |     |
|               | Benzo(a)anthracene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 49     | 126  |     |
|               | Chrysene                   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 50     | 124  |     |
|               | bis(2-Ethylhexyl)phthalate | 1700  | 1400   | ug/Kg | 82  |     |      |      | 51     | 133  |     |
|               | Di-n-octyl phthalate       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 45     | 140  |     |
|               | Benzo(b)fluoranthene       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 45     | 132  |     |
|               | Benzo(k)fluoranthene       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 47     | 132  |     |
|               | Benzo(a)pyrene             | 1700  | 1600   | ug/Kg | 94  |     |      |      | 45     | 129  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 45     | 133  |     |
|               | Dibenz(a,h)anthracene      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 45     | 134  |     |
|               | Benzo(g,h,i)perylene       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 43     | 134  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1700  | 1500   | ug/Kg | 88  |     |      |      | 37     | 119  |     |
|               | 1,4-Dioxane                | 1700  | 1100   | ug/Kg | 65  |     | *    |      | 70     | 130  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 44     | 125  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170206BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: BF144075.D

Lab Sample ID: PB170206BL

Instrument ID: BNA\_F

Date Extracted: 10/22/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/27/2025

Level: (low/med) LOW

Time Analyzed: 10:57

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 |
|-------------------|------------------|----------------|------------------|
| PB170206BS        | PB170206BS       | BF144076.D     | 10/27/2025       |
| COMP-ROLLOFF      | Q3399-01         | BF144043.D     | 10/22/2025       |
| COMP-ROLLOFFMS    | Q3399-01MS       | BF144045.D     | 10/22/2025       |
| COMP-ROLLOFFMSD   | Q3399-01MSD      | BF144046.D     | 10/22/2025       |

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





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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: ICES02  
SDG NO.: Q3399  
DFTPP Injection Date: 10/06/2025  
DFTPP Injection Time: 09:30

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 24                   |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 4.9                  |
| 365 | Greater than 1% of mass 198        | 3.1                  |
| 441 | Present, but less than mass 443    | 15.4                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.6 ( 19.6 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

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



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ICES02Lab Code: ACESDG NO.: Q3399Lab File ID: BF144031.DDFTPP Injection Date: 10/22/2025Instrument ID: BNA\_FDFTPP Injection Time: 09:26

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 30.3                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.5                  |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 16.5                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.5 ( 19.5 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BF144032.D     | 10/22/2025       | 10:25            |
| COMP-ROLLOFF      | Q3399-01         | BF144043.D     | 10/22/2025       | 15:49            |
| COMP-ROLLOFFMS    | Q3399-01MS       | BF144045.D     | 10/22/2025       | 16:48            |
| COMP-ROLLOFFMSD   | Q3399-01MSD      | BF144046.D     | 10/22/2025       | 17:17            |



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF144055.D  
Instrument ID: BNA\_F

Contract: ICES02  
SDG NO.: Q3399  
DFTPP Injection Date: 10/24/2025  
DFTPP Injection Time: 09:45

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 23.3                 |
| 70  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 4.7                  |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 16.8                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 18.8 ( 18.8 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BF144056.D     | 10/24/2025       | 10:13            |
| SSTDICC005        | SSTDICC005       | BF144057.D     | 10/24/2025       | 10:42            |
| SSTDICC010        | SSTDICC010       | BF144058.D     | 10/24/2025       | 11:39            |
| SSTDICC020        | SSTDICC020       | BF144059.D     | 10/24/2025       | 12:36            |
| SSTDICCC040       | SSTDICCC040      | BF144060.D     | 10/24/2025       | 13:05            |
| SSTDICC050        | SSTDICC050       | BF144061.D     | 10/24/2025       | 13:34            |
| SSTDICC080        | SSTDICC080       | BF144063.D     | 10/24/2025       | 14:32            |
| SSTDICC060        | SSTDICC060       | BF144064.D     | 10/24/2025       | 16:24            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ICES02Lab Code: ACESDG NO.: Q3399Lab File ID: BF144073.DDFTPP Injection Date: 10/27/2025Instrument ID: BNA\_FDFTPP Injection Time: 09:29

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 22.3                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.5 ) 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            | 4.5                  |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 15.9                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.7 ( 19.7 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BF144074.D     | 10/27/2025       | 10:27            |
| PB170206BL        | PB170206BL       | BF144075.D     | 10/27/2025       | 10:57            |
| PB170206BS        | PB170206BS       | BF144076.D     | 10/27/2025       | 11:27            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3399

Client ID : SSTDCCC040

Date Analyzed: 10/22/2025

Lab File ID: BF144032.D

Time Analyzed: 10:25

Instrument ID: BNA\_F

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

|                    | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|--------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD        | 112960              | 6.881 | 428129              | 8.16  | 220935              | 9.92   |
| UPPER LIMIT        | 225920              | 7.381 | 856258              | 8.663 | 441870              | 10.422 |
| LOWER LIMIT        | 56480               | 6.381 | 214065              | 7.663 | 110468              | 9.422  |
| EPA SAMPLE NO.     |                     |       |                     |       |                     |        |
| 01 COMP-ROLLOFF    | 58583               | 6.88  | 215525              | 8.16  | 105907 *            | 9.92   |
| 02 COMP-ROLLOFFMS  | 57143               | 6.88  | 201418 *            | 8.16  | 104489 *            | 9.92   |
| 03 COMP-ROLLOFFMSD | 52405 *             | 6.88  | 194453 *            | 8.16  | 100404 *            | 9.92   |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3399

Client ID: SSTDCCC040

Date Analyzed: 10/22/2025

Lab File ID: BF144032.D

Time Analyzed: 10:25

Instrument ID: BNA\_F

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

|                    | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|--------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD        | 348267              | 11.416 | 176671              | 14.063 | 208587              | 15.545 |
| UPPER LIMIT        | 696534              | 11.916 | 353342              | 14.563 | 417174              | 16.045 |
| LOWER LIMIT        | 174134              | 10.916 | 88335.5             | 13.563 | 104294              | 15.045 |
| EPA SAMPLE NO.     |                     |        |                     |        |                     |        |
| 01 COMP-ROLLOFF    | 183706              | 11.41  | 180151              | 14.06  | 216631              | 15.55  |
| 02 COMP-ROLLOFFMS  | 168446 *            | 11.41  | 157711              | 14.06  | 198777              | 15.55  |
| 03 COMP-ROLLOFFMSD | 161809 *            | 11.41  | 140916              | 14.06  | 186035              | 15.55  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3399

Client ID : SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BF144074.D

Time Analyzed: 10:27

Instrument ID: BNA\_F

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD    | 54596               | 6.881 | 204208              | 8.16  | 113226              | 9.92   |
| UPPER LIMIT    | 109192              | 7.381 | 408416              | 8.663 | 226452              | 10.422 |
| LOWER LIMIT    | 27298               | 6.381 | 102104              | 7.663 | 56613               | 9.422  |
| EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 01 PB170206BL  | 68934               | 6.88  | 265265              | 8.16  | 152247              | 9.92   |
| 02 PB170206BS  | 61653               | 6.88  | 230299              | 8.16  | 126935              | 9.92   |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3399

Client ID: SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BF144074.D

Time Analyzed: 10:27

Instrument ID: BNA\_F

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

|                | IS4 (PHN)<br>AREA # | RT #  | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 184414              | 11.41 | 112717              | 14.057 | 164562              | 15.545 |
| UPPER LIMIT    | 368828              | 11.91 | 225434              | 14.557 | 329124              | 16.045 |
| LOWER LIMIT    | 92207               | 10.91 | 56358.5             | 13.557 | 82281               | 15.045 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 PB170206BL  | 283532              | 11.41 | 170424              | 14.06  | 194021              | 15.54  |
| 02 PB170206BS  | 219220              | 11.41 | 125508              | 14.06  | 170803              | 15.55  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.





# SAMPLE DATA



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: COMP-ROLLOFF  
Lab Sample ID: Q3399-01  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25  
Date Received: 10/20/25  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 89.9  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 300   | U    | 1  | 170  | 300  | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 108-95-2       | Phenol                      | 140   | U    | 1  | 24.5 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 140   | U    | 1  | 26.9 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 95-57-8        | 2-Chlorophenol              | 140   | U    | 1  | 27.1 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 95-48-7        | 2-Methylphenol              | 140   | U    | 1  | 33.2 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 140   | U    | 1  | 41.6 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 98-86-2        | Acetophenone                | 140   | U    | 1  | 32.7 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 65794-96-9     | 3+4-Methylphenols           | 300   | U    | 1  | 45.6 | 300  | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 88.7  | U    | 1  | 52.6 | 88.7 | 88.7       | ug/Kg | 10/22/25 15:49 | PB170206     |
| 67-72-1        | Hexachloroethane            | 140   | U    | 1  | 19.5 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 98-95-3        | Nitrobenzene                | 140   | U    | 1  | 20.3 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 78-59-1        | Isophorone                  | 140   | U    | 1  | 36.4 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 88-75-5        | 2-Nitrophenol               | 140   | U    | 1  | 64.5 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 105-67-9       | 2,4-Dimethylphenol          | 140   | U    | 1  | 71.9 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 140   | U    | 1  | 34.2 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 120-83-2       | 2,4-Dichlorophenol          | 140   | U    | 1  | 31.4 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 91-20-3        | Naphthalene                 | 140   | U    | 1  | 25.2 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 106-47-8       | 4-Chloroaniline             | 140   | U    | 1  | 39.3 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 87-68-3        | Hexachlorobutadiene         | 140   | U    | 1  | 28.1 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 105-60-2       | Caprolactam                 | 300   | U    | 1  | 57.8 | 300  | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 140   | U    | 1  | 31.8 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 91-57-6        | 2-Methylnaphthalene         | 140   | U    | 1  | 28.4 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 77-47-4        | Hexachlorocyclopentadiene   | 300   | UQ   | 1  | 130  | 300  | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 140   | U    | 1  | 22.0 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 140   | U    | 1  | 32.3 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 92-52-4        | 1,1-Biphenyl                | 140   | U    | 1  | 24.2 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 91-58-7        | 2-Chloronaphthalene         | 140   | U    | 1  | 25.0 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 88-74-4        | 2-Nitroaniline              | 140   | U    | 1  | 53.3 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 131-11-3       | Dimethylphthalate           | 140   | U    | 1  | 30.1 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 208-96-8       | Acenaphthylene              | 140   | U    | 1  | 32.1 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 606-20-2       | 2,6-Dinitrotoluene          | 140   | U    | 1  | 37.3 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 99-09-2        | 3-Nitroaniline              | 140   | U    | 1  | 51.0 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 83-32-9        | Acenaphthene                | 140   | U    | 1  | 23.6 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 51-28-5        | 2,4-Dinitrophenol           | 300   | U    | 1  | 250  | 300  | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 100-02-7       | 4-Nitrophenol               | 300   | U    | 1  | 120  | 300  | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 132-64-9       | Dibenzofuran                | 140   | U    | 1  | 25.2 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 121-14-2       | 2,4-Dinitrotoluene          | 140   | U    | 1  | 55.6 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 84-66-2        | Diethylphthalate            | 140   | U    | 1  | 31.4 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 140   | U    | 1  | 29.6 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 86-73-7        | Fluorene                    | 140   | U    | 1  | 28.1 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 100-01-6       | 4-Nitroaniline              | 140   | U    | 1  | 71.2 | 140  | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 300   | U    | 1  | 110  | 300  | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: COMP-ROLLOFF  
Lab Sample ID: Q3399-01  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25  
Date Received: 10/20/25  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 89.9  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOD | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|-----|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 140   | U    | 1  | 36.5 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 140   | U    | 1  | 30.8 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 118-74-1   | Hexachlorobenzene          | 140   | U    | 1  | 28.1 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 1912-24-9  | Atrazine                   | 140   | U    | 1  | 37.7 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 87-86-5    | Pentachlorophenol          | 300   | U    | 1  | 56.9 | 300 | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 85-01-8    | Phenanthrene               | 140   | U    | 1  | 23.2 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 120-12-7   | Anthracene                 | 140   | U    | 1  | 36.9 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 86-74-8    | Carbazole                  | 140   | U    | 1  | 34.6 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 84-74-2    | Di-n-butylphthalate        | 140   | U    | 1  | 53.1 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 206-44-0   | Fluoranthene               | 140   | U    | 1  | 33.3 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 129-00-0   | Pyrene                     | 140   | U    | 1  | 39.9 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 85-68-7    | Butylbenzylphthalate       | 140   | U    | 1  | 79.2 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 300   | U    | 1  | 40.7 | 300 | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 56-55-3    | Benzo(a)anthracene         | 140   | U    | 1  | 25.5 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 218-01-9   | Chrysene                   | 140   | U    | 1  | 22.1 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 140   | U    | 1  | 65.7 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 117-84-0   | Di-n-octyl phthalate       | 300   | U    | 1  | 96.3 | 300 | 370        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 205-99-2   | Benzo(b)fluoranthene       | 140   | U    | 1  | 21.1 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 207-08-9   | Benzo(k)fluoranthene       | 140   | U    | 1  | 24.8 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 50-32-8    | Benzo(a)pyrene             | 140   | U    | 1  | 32.7 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 140   | U    | 1  | 32.3 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 140   | U    | 1  | 30.4 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 191-24-2   | Benzo(g,h,i)perylene       | 140   | U    | 1  | 28.5 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 140   | UM   | 1  | 28.4 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 123-91-1   | 1,4-Dioxane                | 140   | UQ   | 1  | 50.1 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 140   | U    | 1  | 30.4 | 140 | 190        | ug/Kg | 10/22/25 15:49 | PB170206     |

### SURROGATES

|            |                      |      |   |  |          |     |          |
|------------|----------------------|------|---|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 93.5 |   |  | 35 - 115 | 62% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 89.9 |   |  | 34 - 127 | 60% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 67.4 |   |  | 37 - 122 | 67% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 70.9 |   |  | 44 - 115 | 71% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 107  |   |  | 39 - 132 | 71% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 48.6 | * |  | 54 - 127 | 49% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 58600  |
| 1146-65-2  | Naphthalene-d8         | 216000 |
| 15067-26-2 | Acenaphthene-d10       | 106000 |
| 1517-22-2  | Phenanthrene-d10       | 184000 |
| 1719-03-5  | Chrysene-d12           | 180000 |
| 1520-96-3  | Perylene-d12           | 217000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                     |     |   |  |      |       |
|-------------|---------------------|-----|---|--|------|-------|
| 000119-61-9 | Benzophenone        | 200 | J |  | 10.6 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 130 | J |  | 11.9 | ug/Kg |



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

## Report of Analysis

|                    |                                            |                 |                  |
|--------------------|--------------------------------------------|-----------------|------------------|
| Client:            | ICE Service Group, Inc.                    | Date Collected: | 10/20/25         |
| Project:           | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received:  | 10/20/25         |
| Client Sample ID:  | COMP-ROLLOFF                               | SDG No.:        | Q3399            |
| Lab Sample ID:     | Q3399-01                                   | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                      | % Solid:        | 89.9             |
| Sample Wt/Vol:     | 30.09 g                                    | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3510C                                    |                 |                  |
|                    | Level : LOW                                |                 |                  |
|                    | Final Vol: 1000 uL                         |                 |                  |
|                    | Prep Date: 10/22/25                        |                 |                  |

| CAS Number  | Parameter                          | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|-------------|------------------------------------|-------|------|----|-----|-----|------------|-------|-----------|--------------|
| 959092-08-1 | Pentafluoropropionic acid, pentade | 170   | J    |    |     |     | 13.9       | ug/Kg |           |              |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144043.D  
Acq On : 22 Oct 2025 15:49  
Operator : RC/JU  
Sample : Q3399-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFF

Quant Time: Oct 22 16:09:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 58583    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 215525   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 105907   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 183706   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 180151   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.545 | 264  | 216631   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 345033   | 93.527  | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 395273   | 89.890  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 238932   | 67.353  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 112782   | 106.917 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 473311   | 70.913  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.998 | 244  | 512429   | 48.614  | ng    | -0.01    |

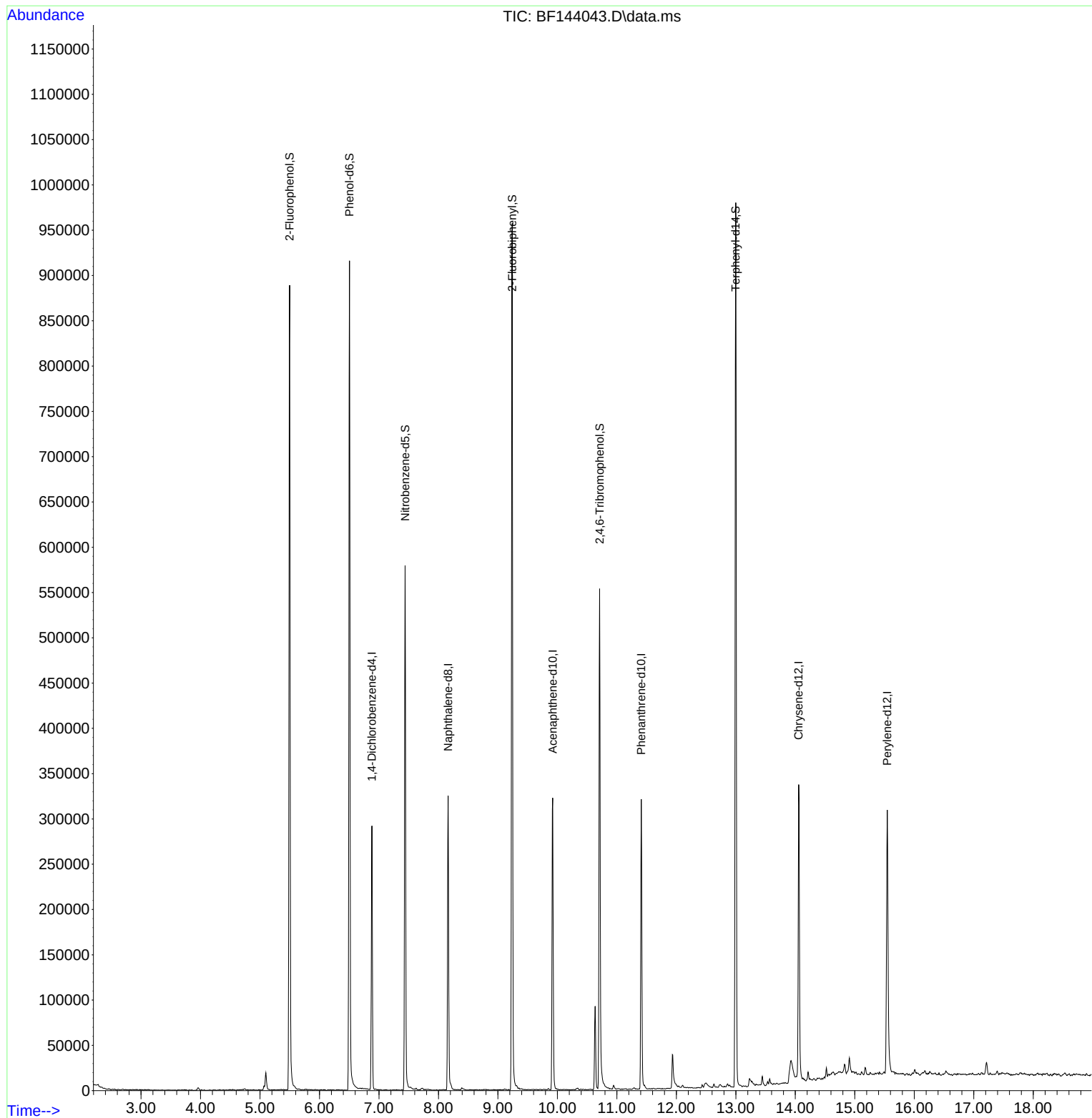
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

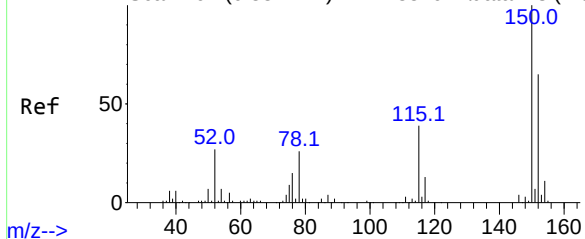
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144043.D  
Acq On : 22 Oct 2025 15:49  
Operator : RC/JU  
Sample : Q3399-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFF

Quant Time: Oct 22 16:09:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

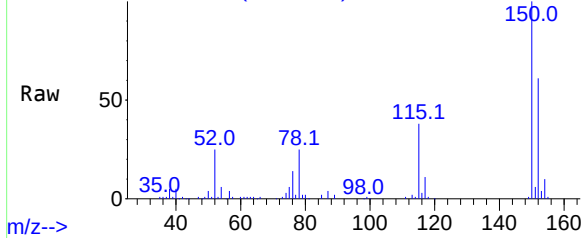


Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79



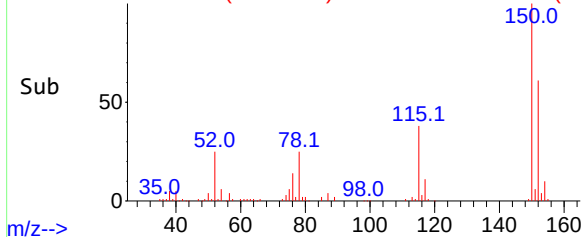
m/z--&gt;

Abundance Scan 797 (6.881 min): BF144043.D\data.ms



m/z--&gt;

Abundance Scan 797 (6.881 min): BF144043.D\data.ms (-78



m/z--&gt;

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.005 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFF

Tgt Ion:152 Resp: 58583

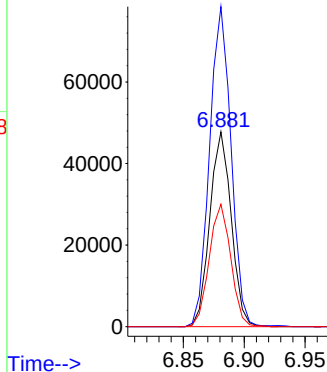
Ion Ratio Lower Upper

152 100

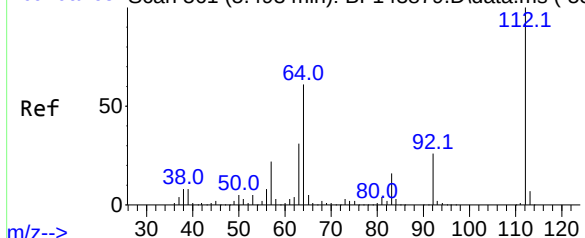
150 164.2 124.4 186.6

115 62.8 48.1 72.1

Abundance

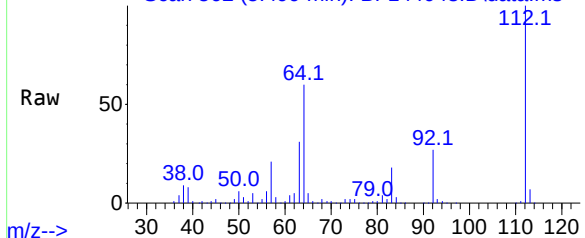


Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



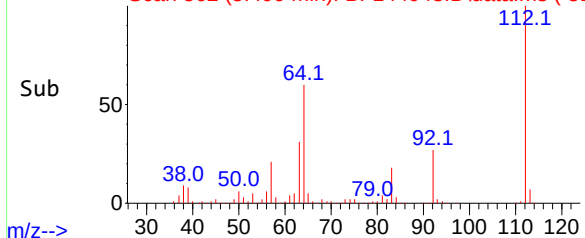
m/z--&gt;

Abundance Scan 562 (5.499 min): BF144043.D\data.ms



m/z--&gt;

Abundance Scan 562 (5.499 min): BF144043.D\data.ms (-51



m/z--&gt;

#5

2-Fluorophenol

Concen: 93.527 ng

RT: 5.499 min Scan# 562

Delta R.T. 0.000 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Tgt Ion:112 Resp: 345033

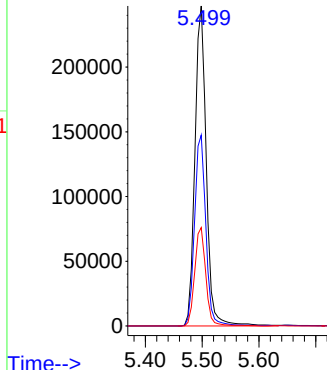
Ion Ratio Lower Upper

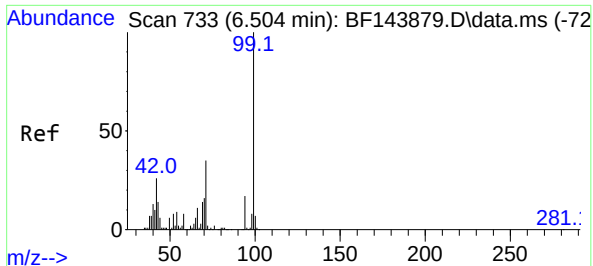
112 100

64 59.6 49.1 73.7

63 30.8 24.5 36.7

Abundance

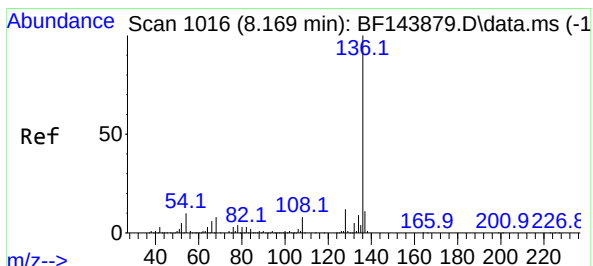
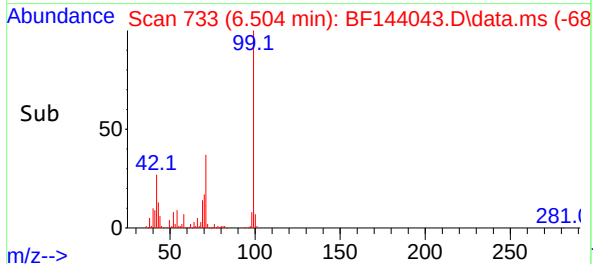
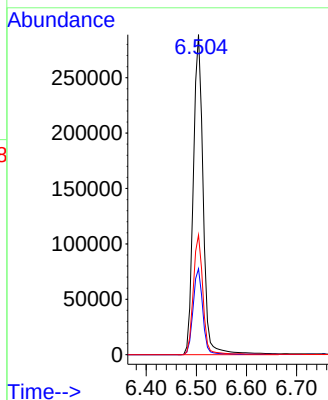
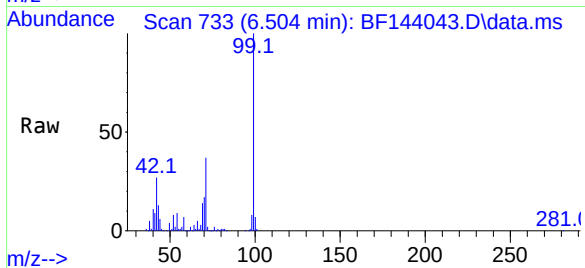




#7  
Phenol-d6  
Concen: 89.890 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF144043.D  
Acq: 22 Oct 2025 15:49

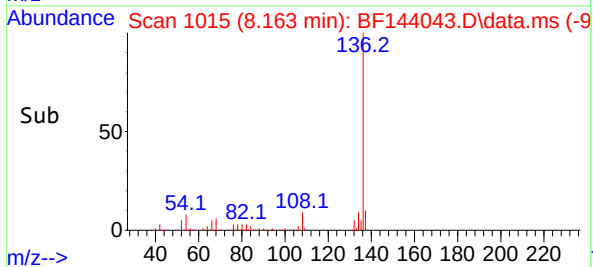
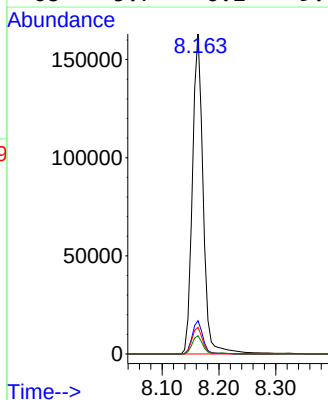
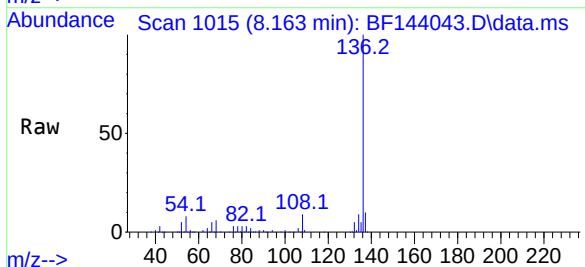
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFF

Tgt Ion: 99 Resp: 395273  
Ion Ratio Lower Upper  
99 100  
42 26.8 21.0 31.4  
71 37.4 27.8 41.8



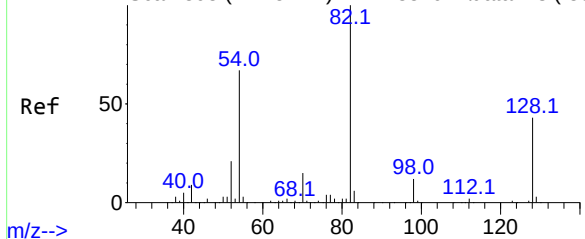
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF144043.D  
Acq: 22 Oct 2025 15:49

Tgt Ion: 136 Resp: 215525  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 8.3 8.2 12.4  
68 5.7 6.2 9.4#





Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 67.353 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

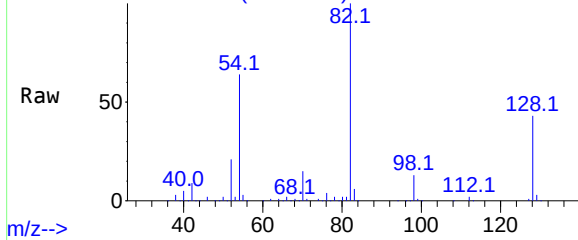
BNA\_F

ClientSampleId :

COMP-ROLLOFF

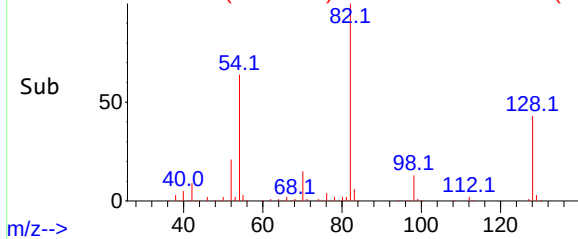
m/z--&gt;

Abundance Scan 892 (7.440 min): BF144043.D\data.ms

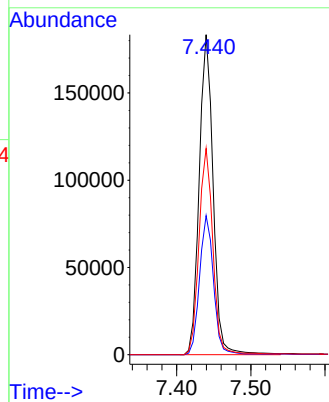


m/z--&gt;

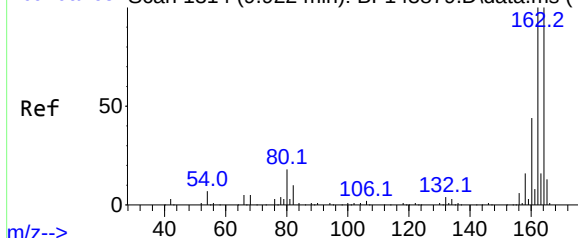
Abundance Scan 892 (7.440 min): BF144043.D\data.ms (-84



m/z--&gt;

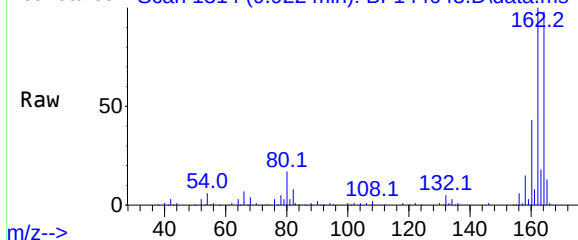


Abundance Scan 1314 (9.922 min): BF143879.D\data.ms (-1



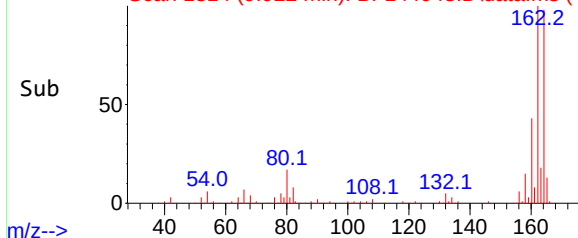
m/z--&gt;

Abundance Scan 1314 (9.922 min): BF144043.D\data.ms



m/z--&gt;

Abundance Scan 1314 (9.922 min): BF144043.D\data.ms (-1



m/z--&gt;

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

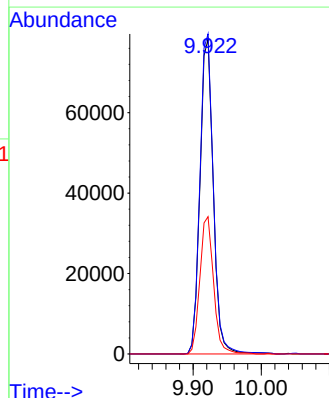
Tgt Ion:164 Resp: 105907

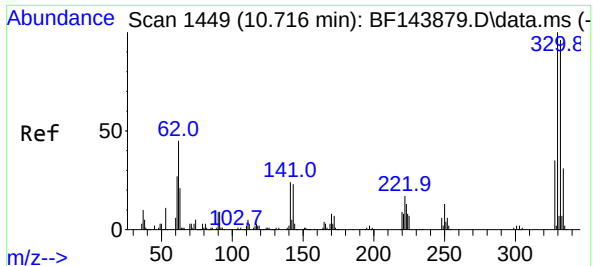
Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 106.917 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFF

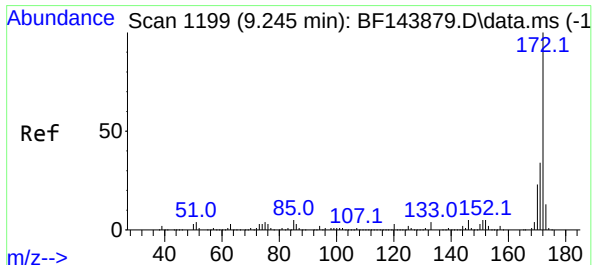
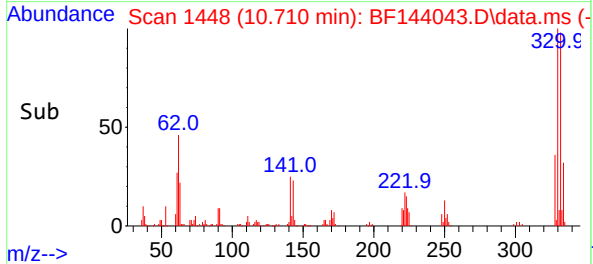
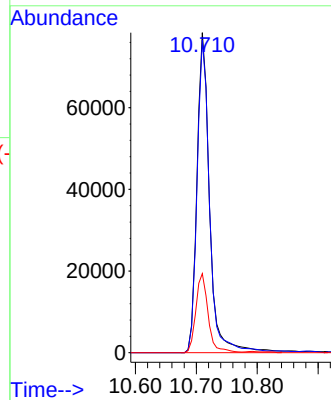
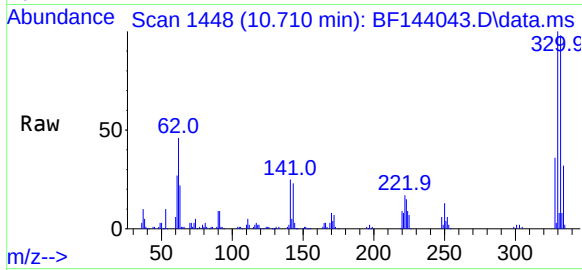
Tgt Ion:330 Resp: 112782

Ion Ratio Lower Upper

330 100

332 98.0 76.9 115.3

141 24.1 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 70.913 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

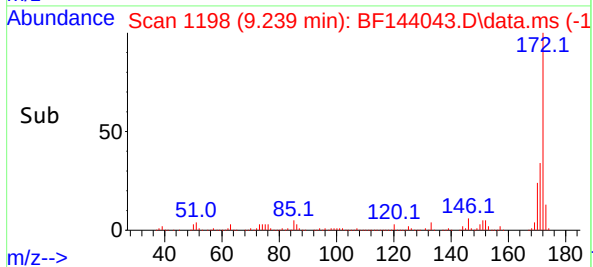
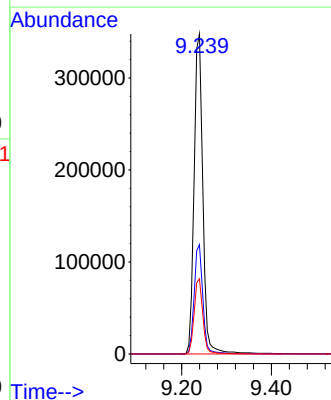
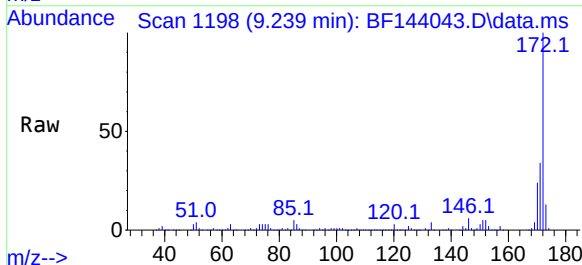
Tgt Ion:172 Resp: 473311

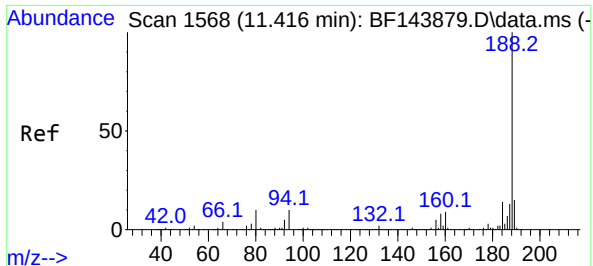
Ion Ratio Lower Upper

172 100

171 34.1 27.4 41.0

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFF

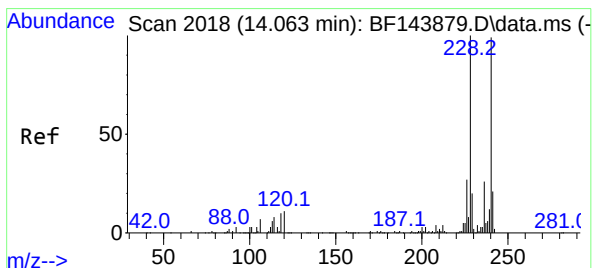
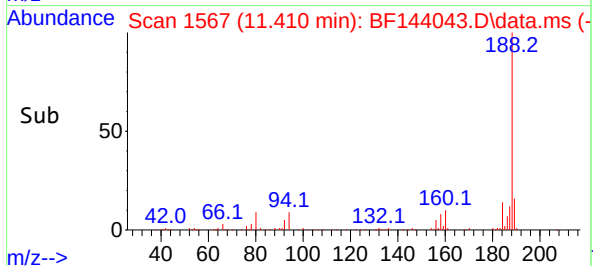
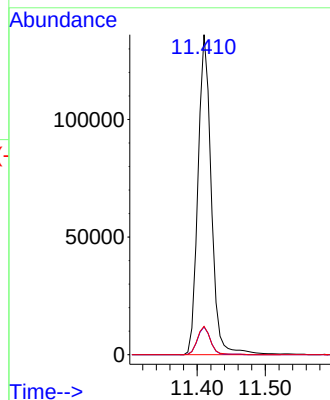
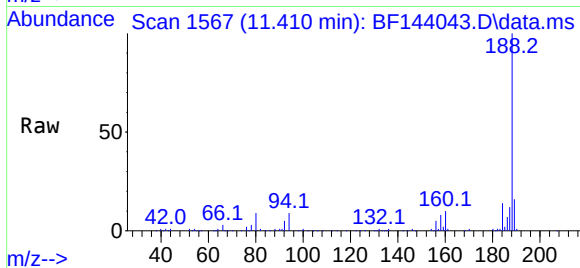
Tgt Ion:188 Resp: 183706

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 8.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

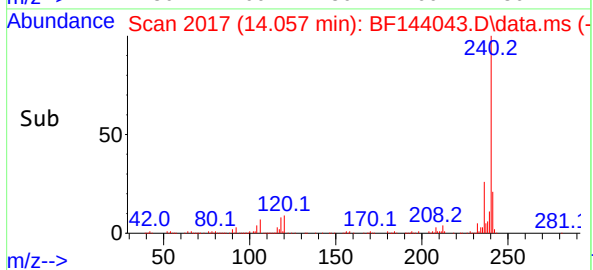
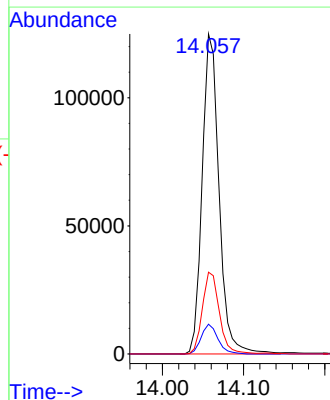
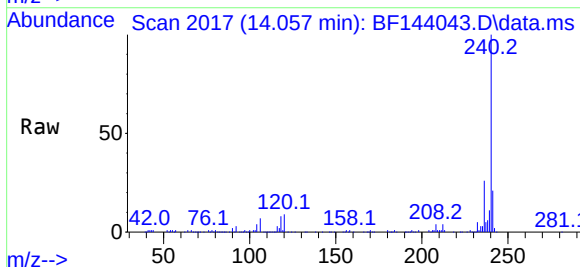
Tgt Ion:240 Resp: 180151

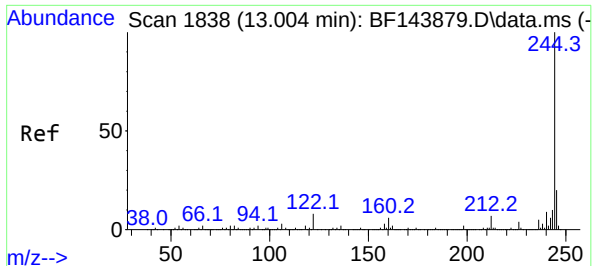
Ion Ratio Lower Upper

240 100

120 9.3 8.6 13.0

236 25.6 21.1 31.7





#79

Terphenyl-d14

Concen: 48.614 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFF

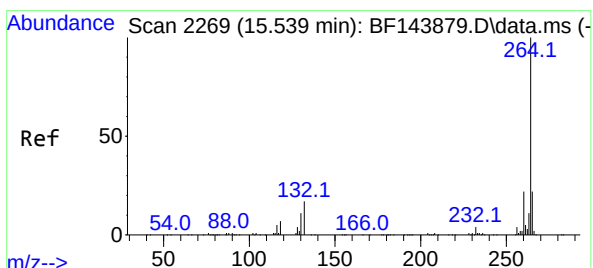
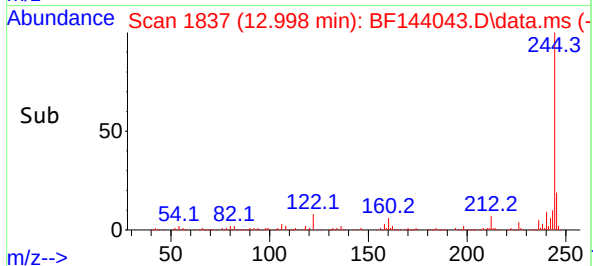
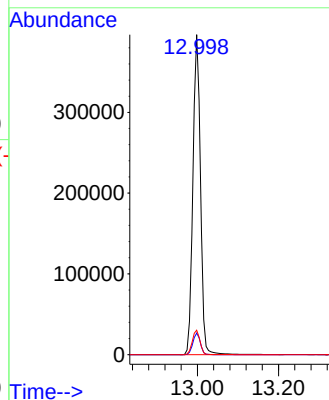
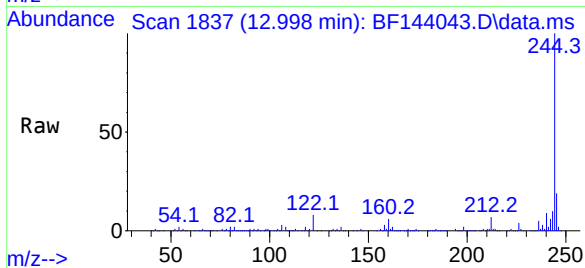
Tgt Ion:244 Resp: 512429

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 7.6 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

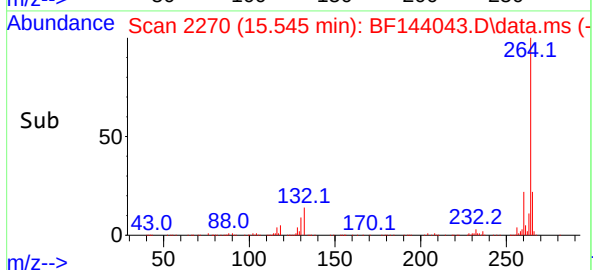
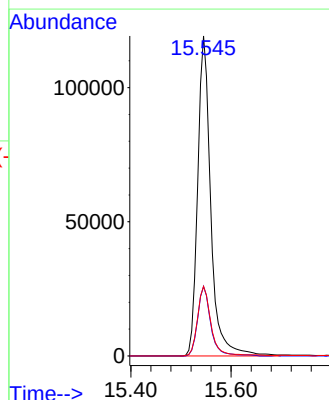
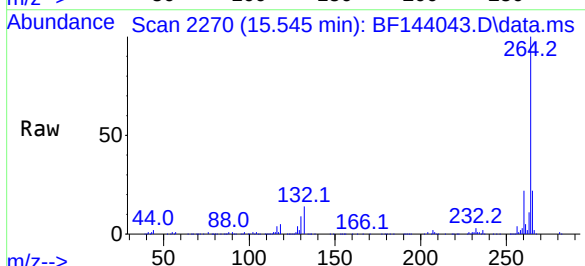
Tgt Ion:264 Resp: 216631

Ion Ratio Lower Upper

264 100

260 21.7 17.8 26.8

265 21.8 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144043.D  
 Acq On : 22 Oct 2025 15:49  
 Operator : RC/JU  
 Sample : Q3399-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-ROLLOFF

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

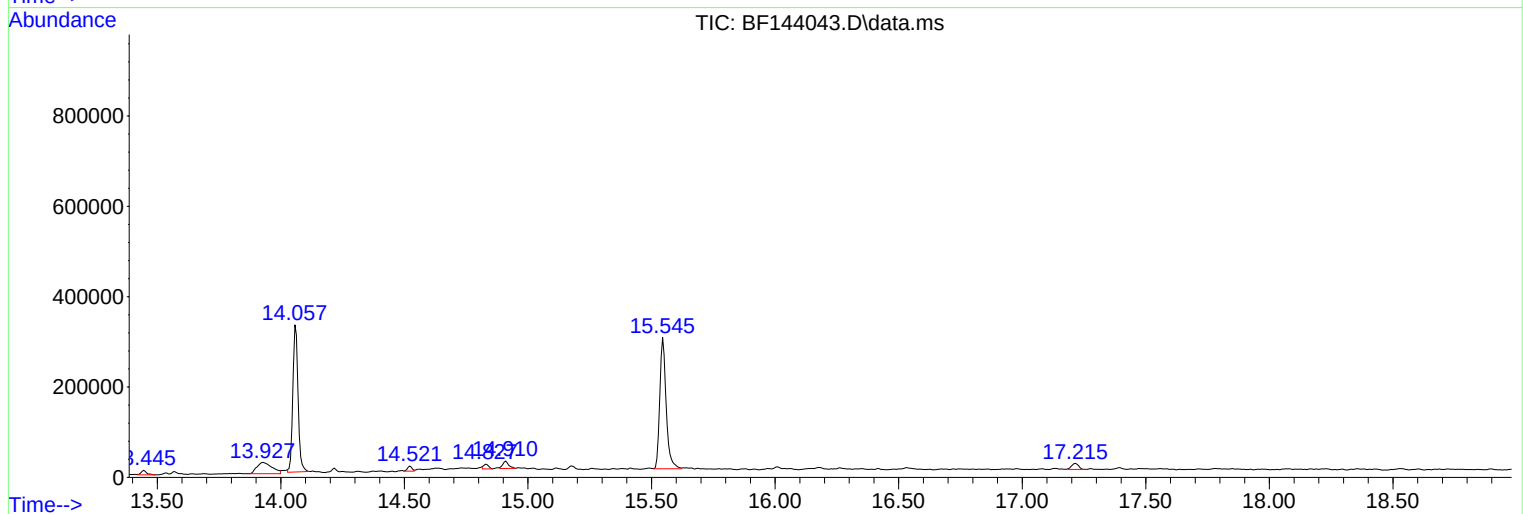
Signal : TIC: BF144043.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.099       | 490           | 494         | 507          | rVB      | 19140          | 31890         | 2.49%           | 0.330%        |
| 2         | 5.499       | 556           | 562         | 584          | rBV      | 888562         | 1228686       | 95.86%          | 12.730%       |
| 3         | 6.504       | 727           | 733         | 757          | rBV      | 915750         | 1243619       | 97.02%          | 12.885%       |
| 4         | 6.881       | 792           | 797         | 804          | rVB      | 290870         | 354786        | 27.68%          | 3.676%        |
| 5         | 7.440       | 886           | 892         | 904          | rBV      | 579331         | 755923        | 58.98%          | 7.832%        |
| 6         | 8.163       | 1010          | 1015        | 1034         | rBV      | 324709         | 427464        | 33.35%          | 4.429%        |
| 7         | 9.239       | 1192          | 1198        | 1209         | rBV      | 956883         | 1281762       | 100.00%         | 13.280%       |
| 8         | 9.922       | 1308          | 1314        | 1323         | rBV      | 322249         | 436553        | 34.06%          | 4.523%        |
| 9         | 10.633      | 1430          | 1435        | 1443         | rBV      | 92086          | 119943        | 9.36%           | 1.243%        |
| 10        | 10.710      | 1443          | 1448        | 1471         | rVV      | 552116         | 783327        | 61.11%          | 8.116%        |
| 11        | 11.410      | 1562          | 1567        | 1584         | rBV      | 319903         | 426726        | 33.29%          | 4.421%        |
| 12        | 11.933      | 1652          | 1656        | 1672         | rBV2     | 36994          | 74810         | 5.84%           | 0.775%        |
| 13        | 12.498      | 1745          | 1752        | 1767         | rVB10    | 4974           | 19395         | 1.51%           | 0.201%        |
| 14        | 12.998      | 1831          | 1837        | 1848         | rBV      | 976583         | 1253694       | 97.81%          | 12.989%       |
| 15        | 13.227      | 1872          | 1876        | 1882         | rBV4     | 8605           | 20494         | 1.60%           | 0.212%        |
| 16        | 13.445      | 1909          | 1913        | 1921         | rVB3     | 10198          | 15498         | 1.21%           | 0.161%        |
| 17        | 13.927      | 1986          | 1995        | 2007         | rBV8     | 25140          | 108025        | 8.43%           | 1.119%        |
| 18        | 14.057      | 2012          | 2017        | 2027         | rVB      | 325294         | 470664        | 36.72%          | 4.876%        |
| 19        | 14.521      | 2092          | 2096        | 2099         | rBV3     | 11137          | 14030         | 1.09%           | 0.145%        |
| 20        | 14.827      | 2146          | 2148        | 2153         | rVB4     | 10379          | 13923         | 1.09%           | 0.144%        |
| 21        | 14.910      | 2158          | 2162        | 2169         | rVB      | 16291          | 26952         | 2.10%           | 0.279%        |
| 22        | 15.545      | 2264          | 2270        | 2283         | rBV      | 290570         | 518197        | 40.43%          | 5.369%        |
| 23        | 17.215      | 2549          | 2554        | 2562         | rVB9     | 13381          | 25692         | 2.00%           | 0.266%        |

Sum of corrected areas: 9652053

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
COMP-ROLLOFF

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144043.D  
Acq On : 22 Oct 2025 15:49  
Operator : RC/JU  
Sample : Q3399-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFF

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

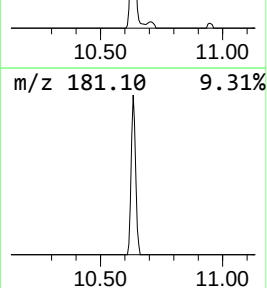
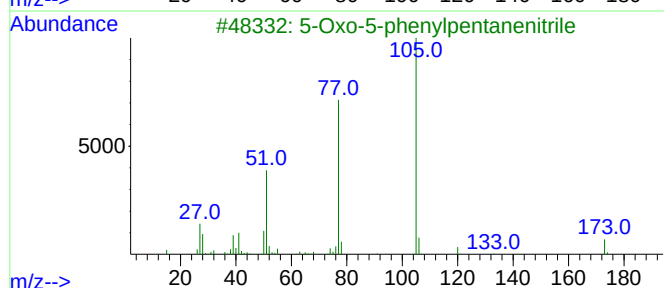
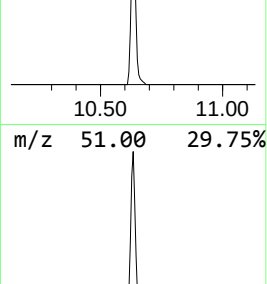
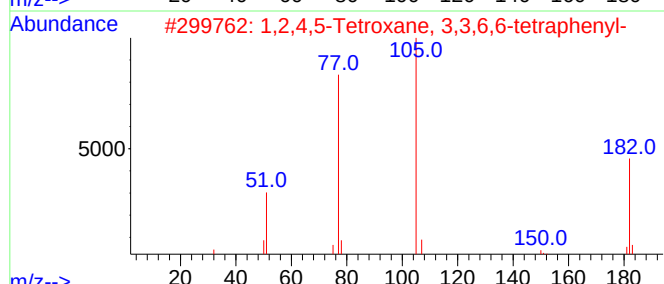
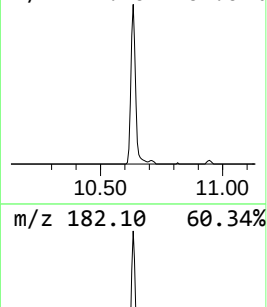
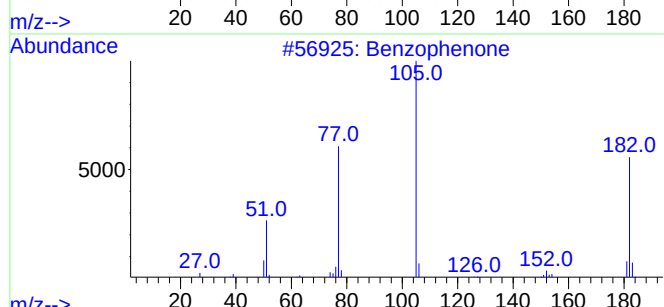
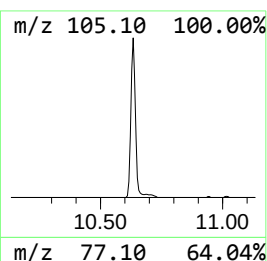
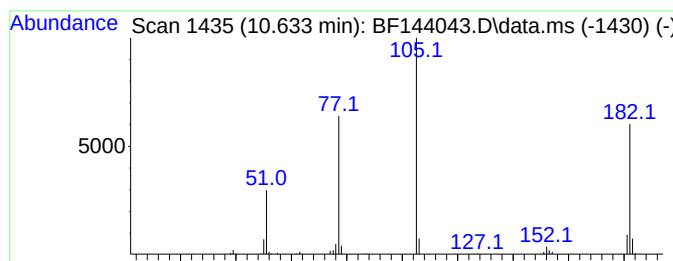
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.634 | 5.50 ng | 119943 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9  | 94   |
| 2    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7  | 59   |
| 3    |    |   | 5-Oxo-5-phenylpentanenitrile        | 173 | C11H11NO | 1000486-83-7 | 47   |
| 4    |    |   | Benzoic acid, phenyl ester          | 198 | C13H10O2 | 000093-99-2  | 47   |
| 5    |    |   | Benzopinacol                        | 366 | C26H22O2 | 000464-72-2  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144043.D  
Acq On : 22 Oct 2025 15:49  
Operator : RC/JU  
Sample : Q3399-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFF

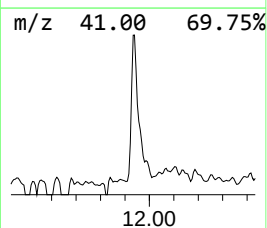
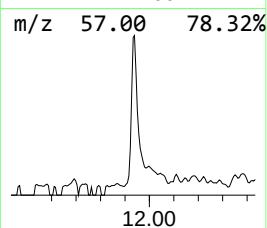
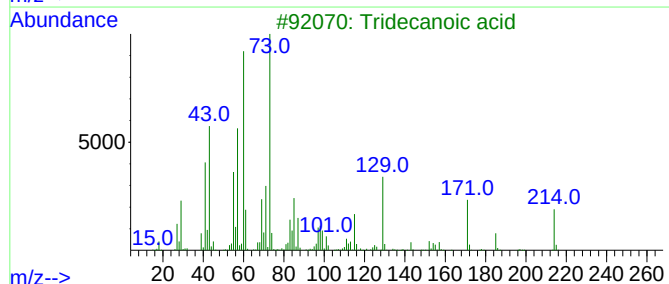
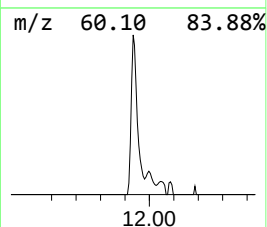
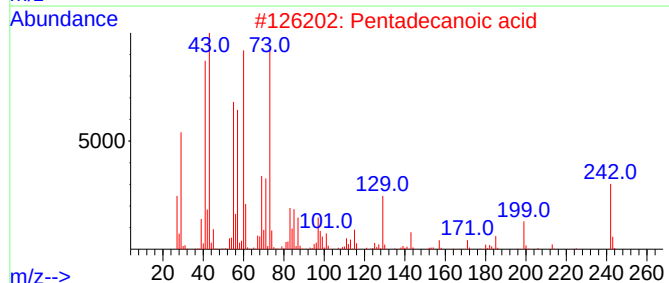
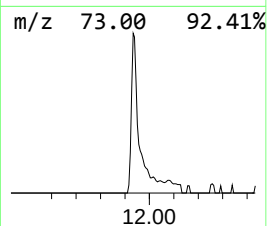
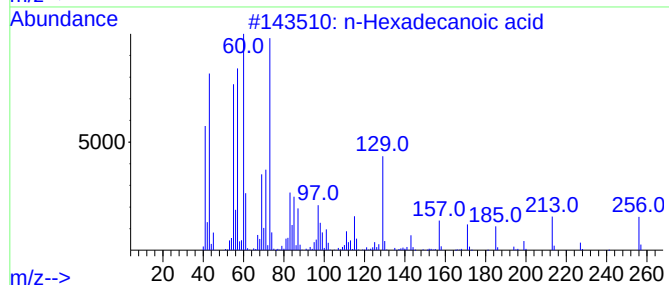
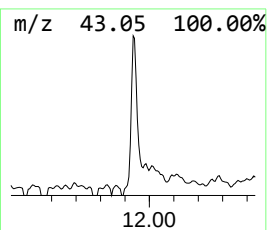
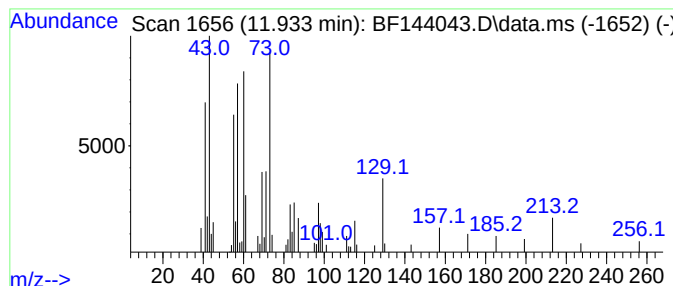
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.933 | 3.51 ng | 74810 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 78   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 72   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    |   | Nonanoic acid       | 158 | C9H18O2  | 000112-05-0 | 35   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144043.D  
Acq On : 22 Oct 2025 15:49  
Operator : RC/JU  
Sample : Q3399-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFF

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

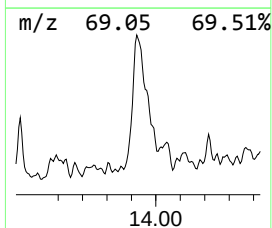
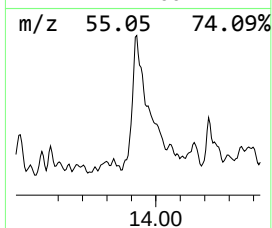
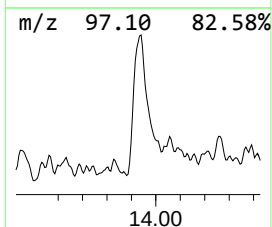
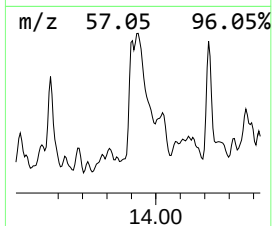
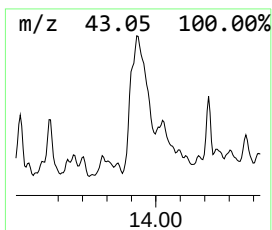
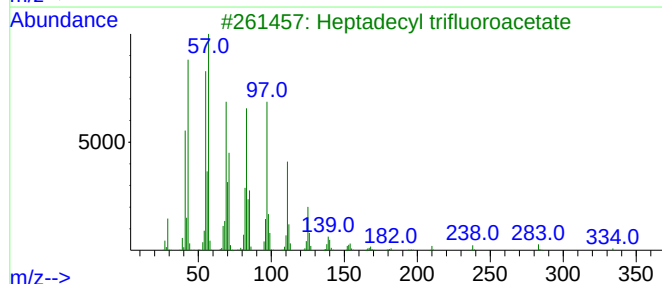
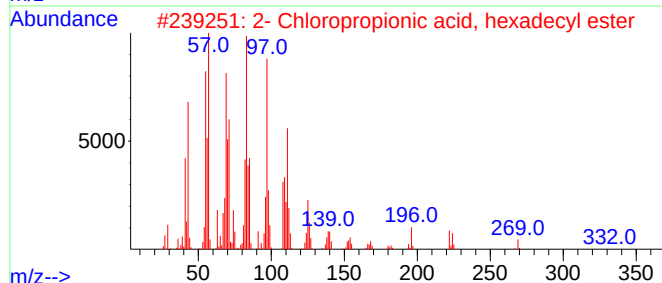
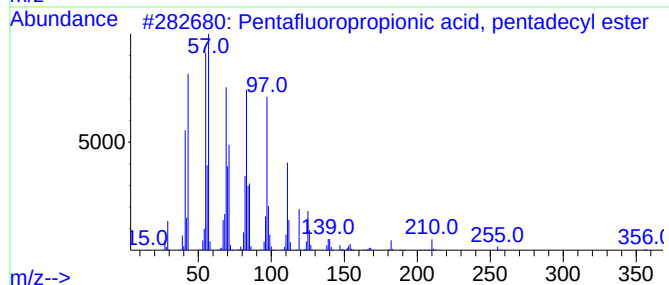
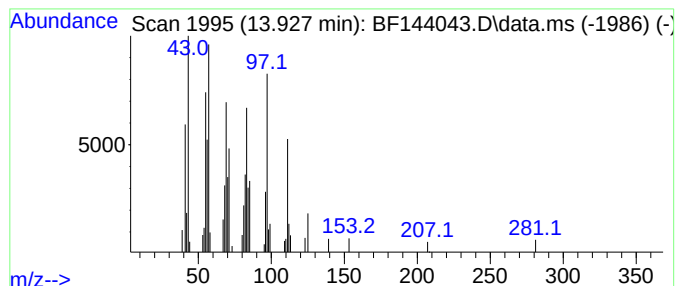
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.927 | 4.59 ng | 108025 | Chrysene-d12     | 14.057 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1  | 91   |
| 2    |    |   | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1  | 91   |
| 3    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2 | 1010351-87-0 | 87   |
| 4    |    |   | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1  | 87   |
| 5    |    |   | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144043.D  
Acq On : 22 Oct 2025 15:49  
Operator : RC/JU  
Sample : Q3399-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFF

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

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 10.634 | 5.5     | ng    | 119943   | 3                     | 9.922  | 436553 | 20.0 |
| n-Hexadecanoic ... | 11.933 | 3.5     | ng    | 74810    | 4                     | 11.410 | 426726 | 20.0 |
| Pentafluoroprop... | 13.927 | 4.6     | ng    | 108025   | 5                     | 14.057 | 470664 | 20.0 |



# 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: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA\_FCalibration Date(s): 10/06/2025 10/06/2025Calibration Time(s): 09:59 14:22

| LAB FILE ID:                |        | RRF2.5 = BF143875.D |        |        | RRF005 = BF143876.D |        | RRF010 = BF143877.D |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                             |        | RRF020 = BF143878.D |        |        | RRF040 = BF143879.D |        | RRF050 = BF143880.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorophenol              |        | 1.378               | 1.349  | 1.352  | 1.307               | 1.173  | 1.259               | 9.1   |
| Benzaldehyde                |        |                     | 1.115  | 1.026  | 1.329               | 1.198  | 1.158               | 16.2  |
| Phenol-d6                   |        | 1.626               | 1.631  | 1.601  | 1.542               | 1.404  | 1.501               | 8.6   |
| Phenol                      |        | 1.934               | 1.814  | 1.889  | 1.841               | 1.756  | 1.795               | 6.3   |
| bis(2-Chloroethyl)ether     |        | 1.487               | 1.457  | 1.467  | 1.446               | 1.308  | 1.386               | 7.2   |
| 2-Chlorophenol              |        | 1.324               | 1.229  | 1.274  | 1.294               | 1.201  | 1.231               | 5.9   |
| 2-Methylphenol              |        | 1.064               | 1.057  | 1.049  | 1.054               | 0.985  | 1.017               | 5.1   |
| 2,2-oxybis(1-Chloropropane) |        | 3.520               | 3.385  | 3.273  | 3.239               | 3.008  | 3.156               | 8.8   |
| Acetophenone                |        | 0.515               | 0.461  | 0.462  | 0.433               | 0.374  | 0.423               | 14.7  |
| 3+4-Methylphenols           |        |                     | 1.401  | 1.342  | 1.266               | 1.068  | 1.179               | 15.6  |
| n-Nitroso-di-n-propylamine  | 1.052  | 1.135               | 1.134  | 1.054  | 1.026               | 0.970  | 1.028               | 8.1   |
| Nitrobenzene-d5             |        | 0.325               | 0.333  | 0.347  | 0.345               | 0.323  | 0.329               | 4.2   |
| Hexachloroethane            |        | 0.533               | 0.508  | 0.515  | 0.501               | 0.456  | 0.485               | 8.4   |
| Nitrobenzene                |        | 0.369               | 0.349  | 0.389  | 0.391               | 0.352  | 0.366               | 5.3   |
| Isophorone                  |        | 0.754               | 0.708  | 0.708  | 0.705               | 0.665  | 0.694               | 5.0   |
| 2-Nitrophenol               |        | 0.121               | 0.133  | 0.163  | 0.174               | 0.167  | 0.157               | 13.4  |
| 2,4-Dimethylphenol          |        | 0.287               | 0.288  | 0.292  | 0.295               | 0.271  | 0.282               | 4.1   |
| bis(2-Chloroethoxy)methane  |        | 0.510               | 0.474  | 0.463  | 0.444               | 0.398  | 0.438               | 10.8  |
| 2,4-Dichlorophenol          |        | 0.317               | 0.292  | 0.313  | 0.307               | 0.280  | 0.294               | 6.5   |
| Naphthalene                 |        | 1.103               | 0.996  | 0.972  | 0.932               | 0.817  | 0.910               | 14.1  |
| 4-Chloroaniline             |        | 0.368               | 0.370  | 0.357  | 0.355               | 0.319  | 0.341               | 8.2   |
| Hexachlorobutadiene         |        | 0.231               | 0.214  | 0.210  | 0.207               | 0.183  | 0.201               | 10.1  |
| Caprolactam                 |        |                     | 0.092  | 0.091  | 0.095               | 0.094  | 0.093               | 1.6   |
| 4-Chloro-3-methylphenol     |        | 0.301               | 0.302  | 0.289  | 0.287               | 0.269  | 0.282               | 6.3   |
| 2-Methylnaphthalene         |        | 0.742               | 0.683  | 0.654  | 0.616               | 0.527  | 0.606               | 15.5  |
| Hexachlorocyclopentadiene   |        |                     | 0.182  | 0.216  | 0.257               | 0.246  | 0.229               | 11.8  |
| 2,4,6-Trichlorophenol       |        | 0.408               | 0.394  | 0.426  | 0.445               | 0.383  | 0.404               | 6.1   |
| 2-Fluorobiphenyl            |        | 1.568               | 1.424  | 1.335  | 1.224               | 0.984  | 1.260               | 18.0  |
| 2,4,5-Trichlorophenol       |        | 0.443               | 0.444  | 0.460  | 0.456               | 0.401  | 0.427               | 7.3   |
| 1,1-Biphenyl                |        | 1.617               | 1.476  | 1.448  | 1.374               | 1.134  | 1.324               | 15.8  |
| 2-Chloronaphthalene         |        | 1.294               | 1.196  | 1.197  | 1.137               | 0.988  | 1.104               | 12.5  |
| 2-Nitroaniline              |        | 0.293               | 0.322  | 0.371  | 0.392               | 0.354  | 0.349               | 9.4   |
| Dimethylphthalate           |        | 1.442               | 1.351  | 1.334  | 1.291               | 1.166  | 1.270               | 9.3   |
| Acenaphthylene              |        | 1.797               | 1.701  | 1.648  | 1.623               | 1.386  | 1.552               | 12.1  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

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## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA\_FCalibration Date(s): 10/06/2025 10/06/2025Calibration Time(s): 09:59 14:22

| LAB FILE ID:                 |        | RRF2.5 = BF143875.D |        |        | RRF005 = BF143876.D |        | RRF010 = BF143877.D |       |
|------------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                              |        | RRF020 = BF143878.D |        |        | RRF040 = BF143879.D |        | RRF050 = BF143880.D |       |
| COMPOUND                     | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2,6-Dinitrotoluene           |        | 0.201               | 0.204  | 0.245  | 0.262               | 0.250  | 0.236               | 10.1  |
| 3-Nitroaniline               |        | 0.256               | 0.270  | 0.306  | 0.306               | 0.296  | 0.288               | 6.6   |
| Acenaphthene                 |        | 1.177               | 1.115  | 1.096  | 1.052               | 0.897  | 1.017               | 12.2  |
| 2,4-Dinitrophenol            |        |                     | 0.061  | 0.094  | 0.120               | 0.143  | 0.118               | 29.3  |
| 4-Nitrophenol                |        |                     | 0.173  | 0.215  | 0.234               | 0.230  | 0.218               | 10.5  |
| Dibenzofuran                 |        | 1.680               | 1.608  | 1.572  | 1.494               | 1.253  | 1.436               | 14.1  |
| 2,4-Dinitrotoluene           |        | 0.252               | 0.284  | 0.341  | 0.365               | 0.335  | 0.320               | 12.3  |
| Diethylphthalate             |        | 1.319               | 1.281  | 1.273  | 1.222               | 1.070  | 1.180               | 10.6  |
| 4-Chlorophenyl-phenylether   |        | 0.689               | 0.662  | 0.626  | 0.596               | 0.485  | 0.573               | 16.4  |
| Fluorene                     |        | 1.393               | 1.266  | 1.173  | 1.097               | 0.897  | 1.083               | 19.2  |
| 4-Nitroaniline               |        | 0.257               | 0.259  | 0.285  | 0.292               | 0.287  | 0.277               | 5.3   |
| 4,6-Dinitro-2-methylphenol   |        |                     | 0.065  | 0.092  | 0.111               | 0.112  | 0.101               | 19.3  |
| n-Nitrosodiphenylamine       |        | 0.712               | 0.683  | 0.675  | 0.656               | 0.560  | 0.628               | 11.2  |
| 2,4,6-Tribromophenol         |        | 0.194               | 0.192  | 0.210  | 0.207               | 0.198  | 0.199               | 3.5   |
| 4-Bromophenyl-phenylether    |        | 0.247               | 0.234  | 0.231  | 0.231               | 0.201  | 0.221               | 8.7   |
| Hexachlorobenzene            |        | 0.277               | 0.268  | 0.263  | 0.267               | 0.242  | 0.256               | 6.6   |
| Atrazine                     |        | 0.197               | 0.206  | 0.213  | 0.195               | 0.184  | 0.190               | 9.4   |
| Pentachlorophenol            |        |                     | 0.117  | 0.152  | 0.157               | 0.154  | 0.147               | 10.1  |
| Phenanthrene                 |        | 1.164               | 1.092  | 1.066  | 0.976               | 0.842  | 0.970               | 14.9  |
| Anthracene                   |        | 1.161               | 1.097  | 1.057  | 1.025               | 0.854  | 0.980               | 14.4  |
| Carbazole                    |        | 1.015               | 0.962  | 0.939  | 0.884               | 0.766  | 0.868               | 13.1  |
| Di-n-butylphthalate          |        | 1.089               | 1.094  | 1.108  | 1.053               | 0.910  | 1.005               | 10.8  |
| Fluoranthene                 |        | 1.156               | 1.153  | 1.094  | 1.032               | 0.876  | 1.002               | 14.4  |
| Pyrene                       |        | 1.838               | 1.663  | 1.769  | 1.863               | 1.541  | 1.667               | 9.9   |
| Terphenyl-d14                |        | 1.301               | 1.209  | 1.271  | 1.279               | 1.066  | 1.170               | 10.7  |
| Butylbenzylphthalate         |        | 0.466               | 0.503  | 0.579  | 0.620               | 0.545  | 0.542               | 9.3   |
| 3,3-Dichlorobenzidine        |        |                     | 0.364  | 0.403  | 0.440               | 0.401  | 0.399               | 6.4   |
| Benzo (a) anthracene         |        | 1.342               | 1.347  | 1.354  | 1.398               | 1.232  | 1.309               | 5.5   |
| Chrysene                     |        | 1.373               | 1.188  | 1.267  | 1.294               | 1.116  | 1.211               | 8.4   |
| Bis (2-ethylhexyl) phthalate |        | 0.591               | 0.619  | 0.687  | 0.739               | 0.642  | 0.653               | 7.7   |
| Di-n-octyl phthalate         |        |                     | 0.837  | 1.009  | 1.194               | 1.108  | 1.072               | 12.2  |
| Benzo (b) fluoranthene       |        | 1.207               | 1.138  | 1.131  | 1.269               | 1.095  | 1.149               | 7.6   |
| Benzo (k) fluoranthene       |        | 1.138               | 1.173  | 1.228  | 1.108               | 0.923  | 1.063               | 12.1  |
| Benzo (a) pyrene             |        | 1.000               | 1.006  | 1.037  | 1.102               | 0.936  | 0.996               | 6.2   |
| Indeno (1,2,3-cd) pyrene     |        | 1.114               | 1.104  | 1.222  | 1.393               | 1.235  | 1.225               | 8.0   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA\_FCalibration Date(s): 10/06/2025 10/06/2025Calibration Time(s): 09:59 14:22

|                            |        |                     |        |                     |        |                     |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF143875.D |        | RRF005 = BF143876.D |        | RRF010 = BF143877.D |       |       |
|                            |        | RRF020 = BF143878.D |        | RRF040 = BF143879.D |        | RRF050 = BF143880.D |       |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020              | RRF040 | RRF050              | RRF   | % RSD |
| Dibenzo(a,h)anthracene     |        | 0.888               | 0.915  | 1.015               | 1.128  | 0.975               | 0.986 | 7.9   |
| Benzo(g,h,i)perylene       |        | 0.889               | 0.888  | 0.983               | 1.117  | 0.991               | 0.986 | 8.1   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.610               | 0.592  | 0.595               | 0.590  | 0.500               | 0.553 | 10.4  |
| 1,4-Dioxane                |        | 0.614               | 0.595  | 0.597               | 0.609  | 0.544               | 0.583 | 5.0   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.276               | 0.303  | 0.315               | 0.325  | 0.300               | 0.302 | 5.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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

## Calibration Files

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

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

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

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

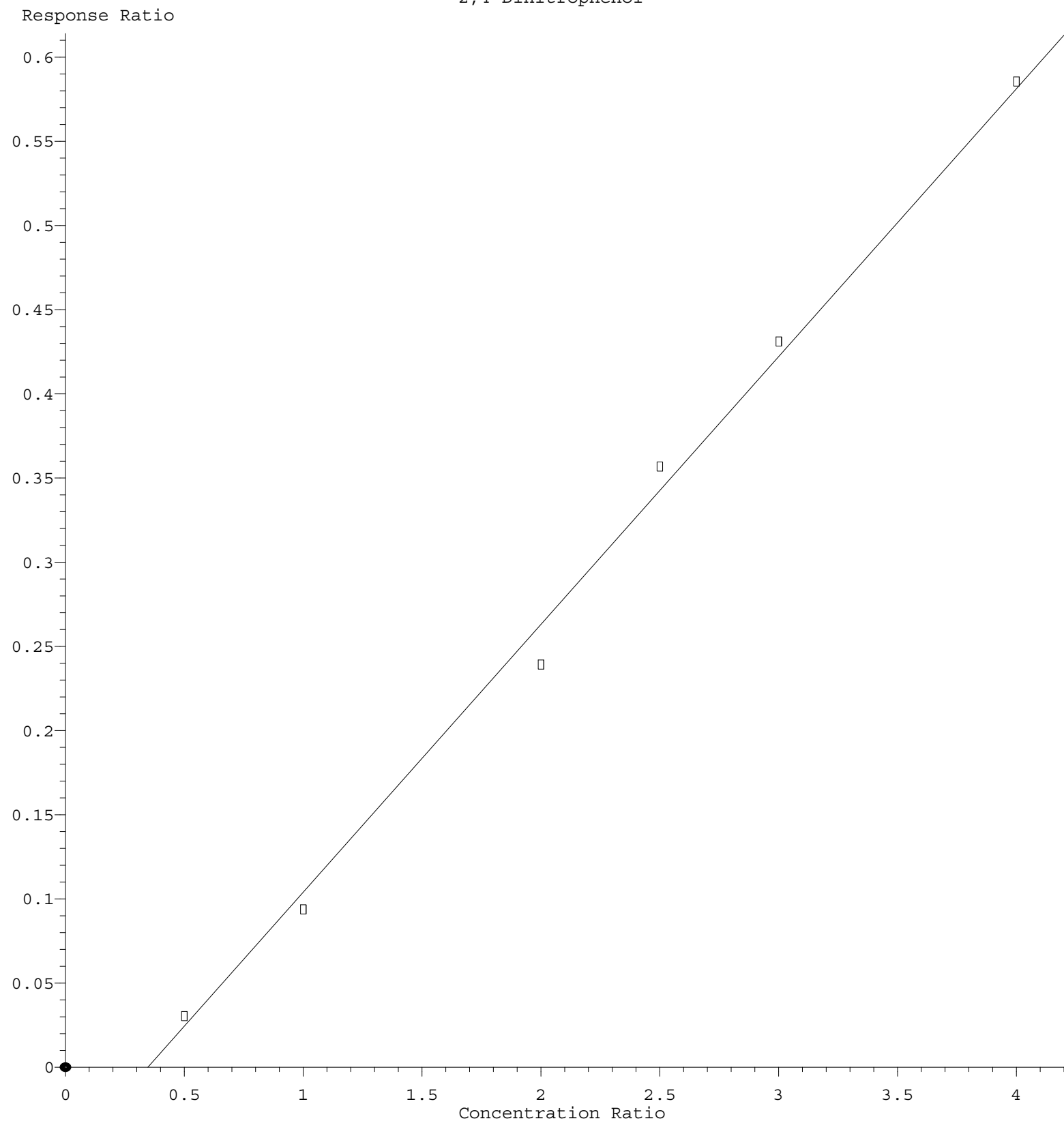


Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
Method File : 8270-BF100625.M

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

(#) = Out of Range

# 2,4-Dinitrophenol



$\text{Response} = 1.591\text{e-}001 * \text{Amt} - 5.521\text{e-}002$   
 Coef of Det ( $r^2$ ) = 0.995474    Curve Fit: wlr(1/a)  
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF100625.M  
 Calibration Table Last Updated: Mon Oct 06 15:29:47 2025

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

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

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

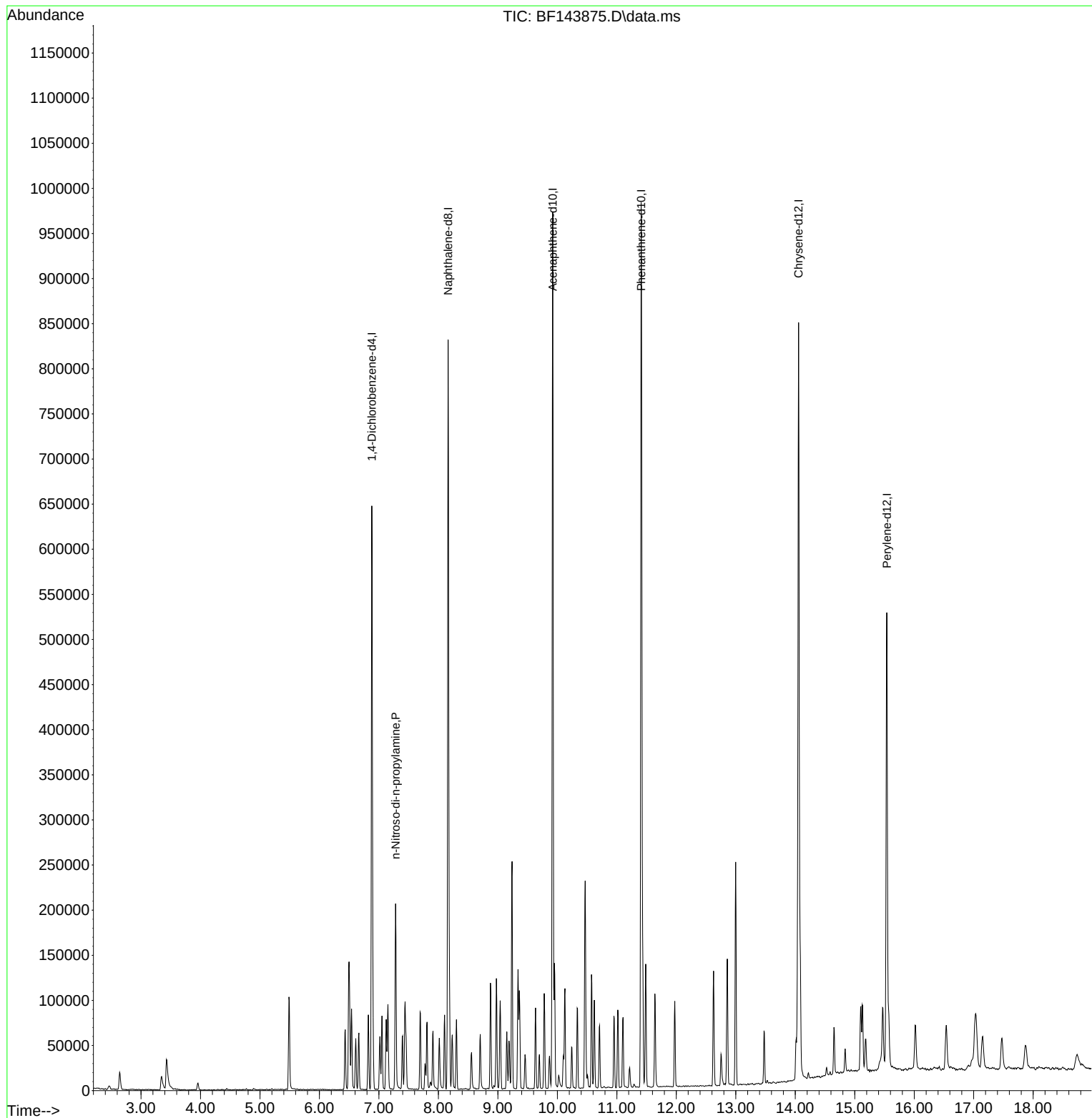
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 128129   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 501174   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 285618   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 520523   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 373433   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 15.539 | 264  | 316147   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |          |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |          |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |          |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |          |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |          |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |          |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 16847    | 2.559  | ng    | 98       |
| -----                         |        |      |          |        |       |          |

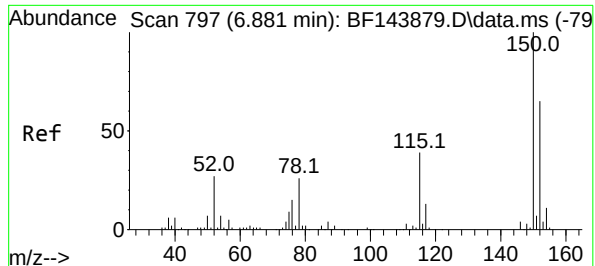
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

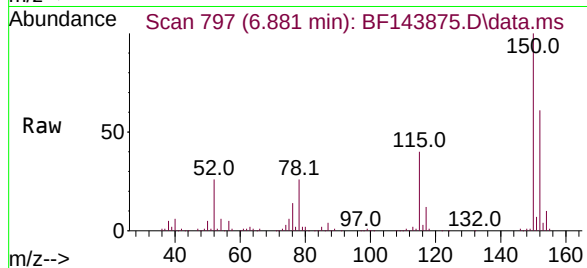
Quant Time: Oct 06 15:37:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



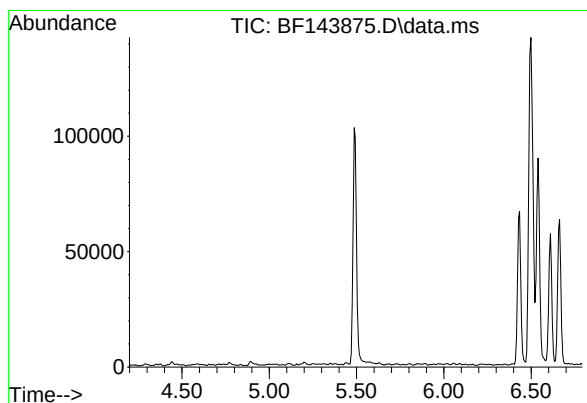
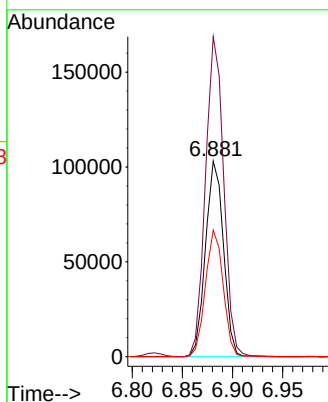
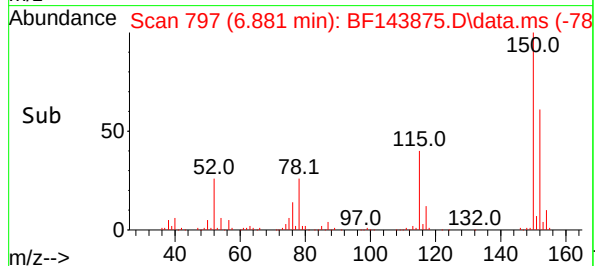


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



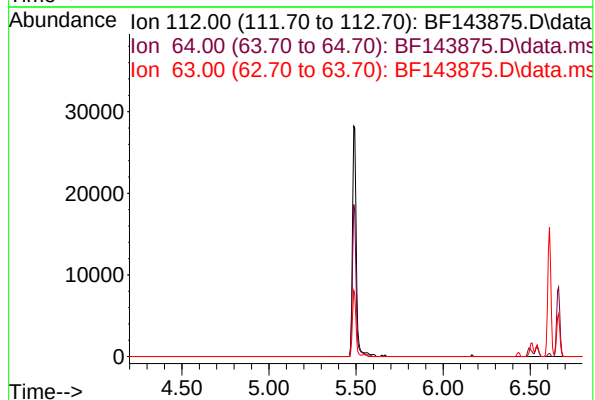
Tgt Ion:152 Resp: 128129  
Ion Ratio Lower Upper  
152 100  
150 163.6 124.4 186.6  
115 64.7 48.1 72.1

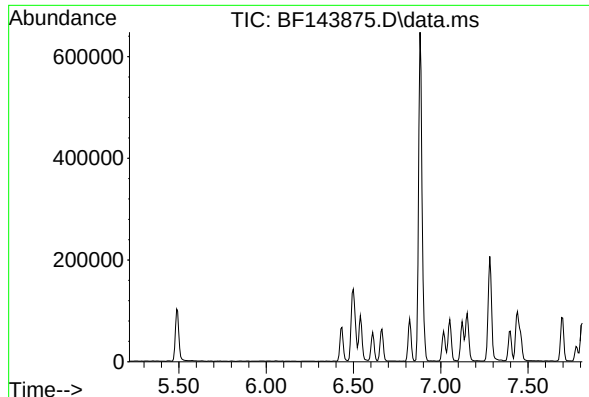


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.50 min

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

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





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

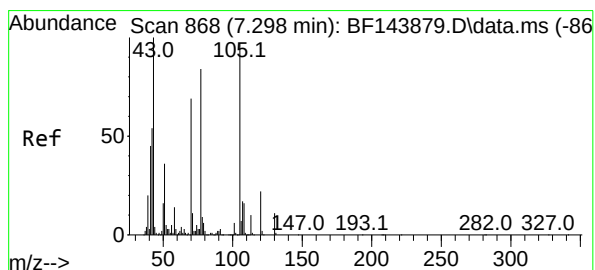
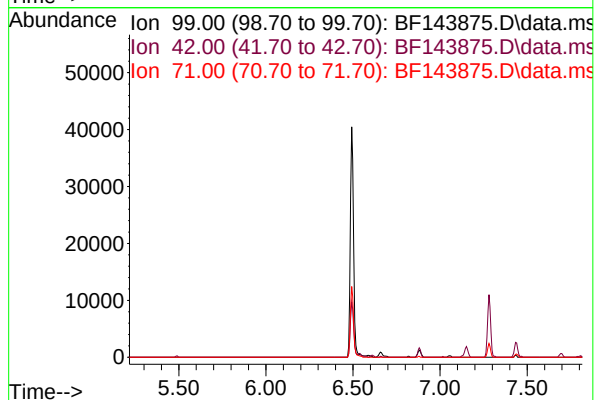
Tgt Ion: 99

Sig Exp Ratio

99 100

42 26.2

71 34.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.559 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.035 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Tgt Ion: 70 Resp: 16847

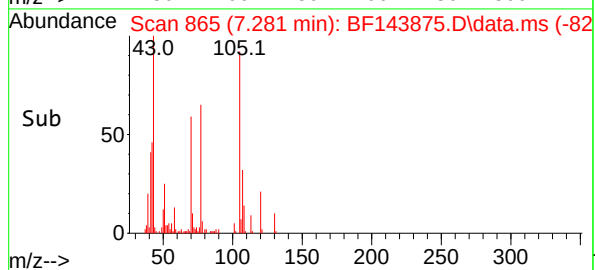
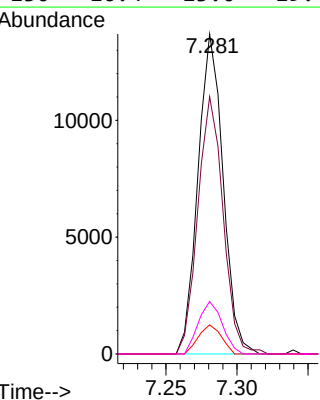
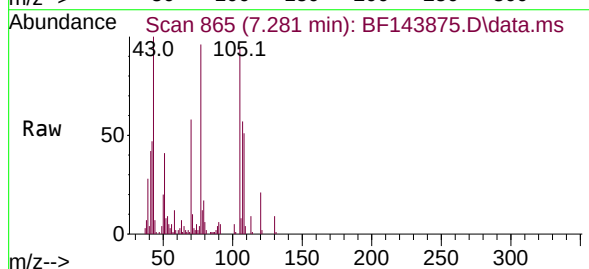
Ion Ratio Lower Upper

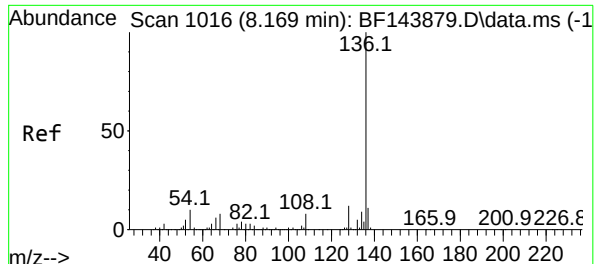
70 100

42 80.4 62.8 94.2

101 9.1 6.7 10.1

130 16.4 13.0 19.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143875.D

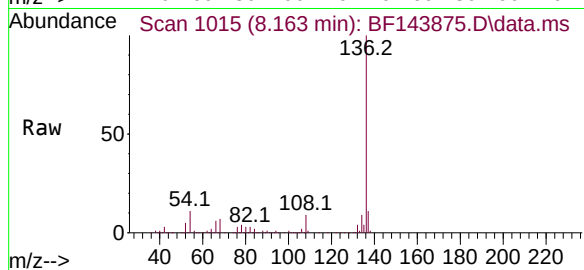
Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 501174

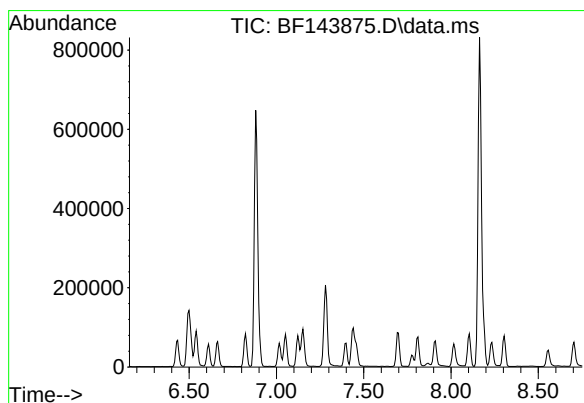
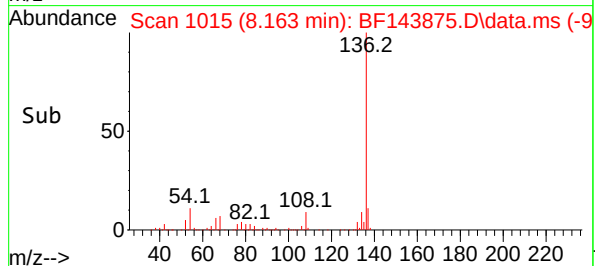
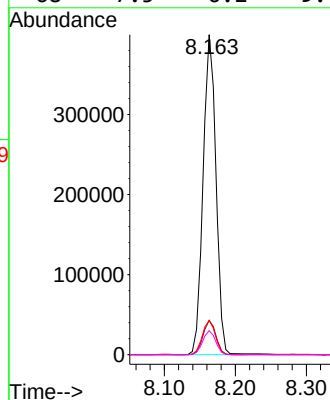
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.7 8.2 12.4

68 7.5 6.2 9.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.46 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

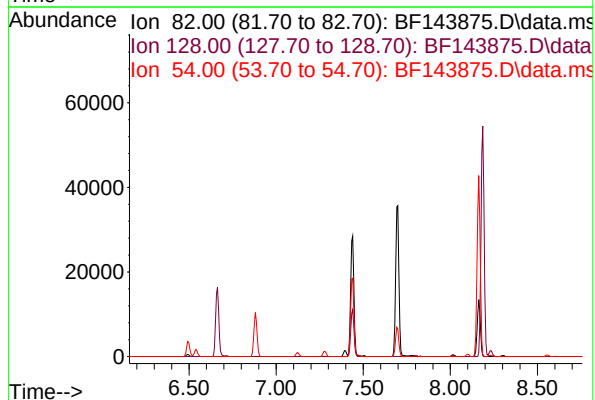
Tgt Ion: 82

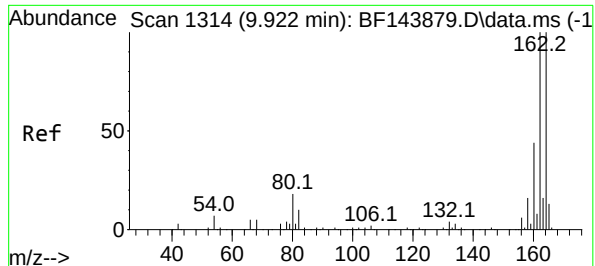
Sig Exp Ratio

82 100

128 42.5

54 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143875.D

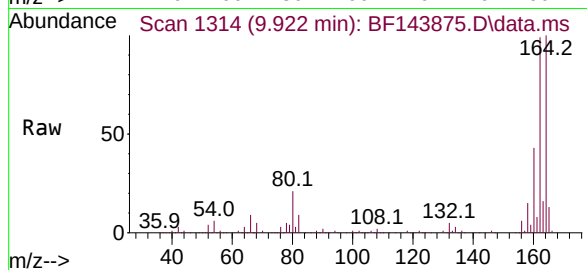
Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



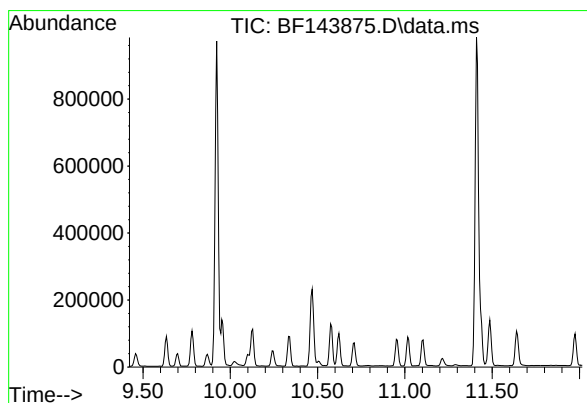
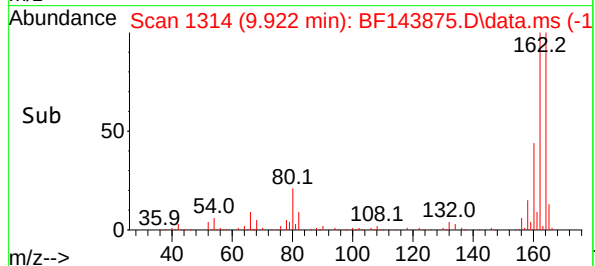
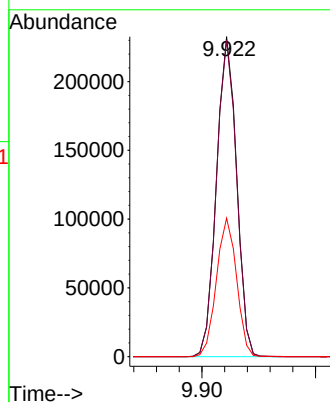
Tgt Ion:164 Resp: 285618

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

160 43.3 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

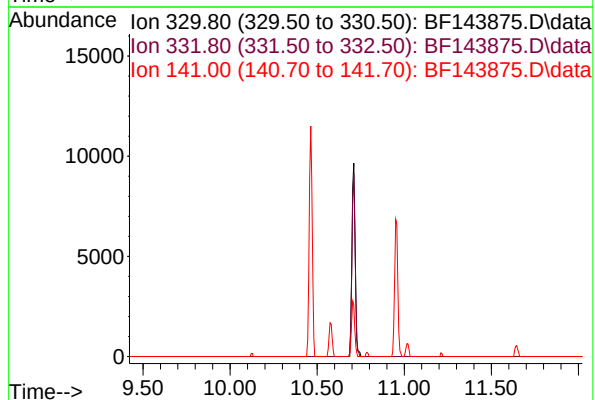
Tgt Ion: 330

Sig Exp Ratio

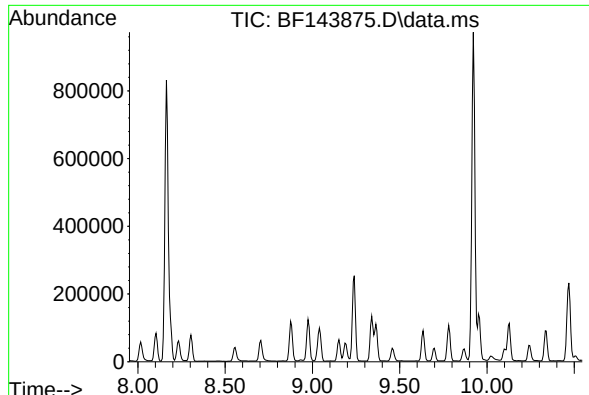
330 100

332 96.1

141 25.3







#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

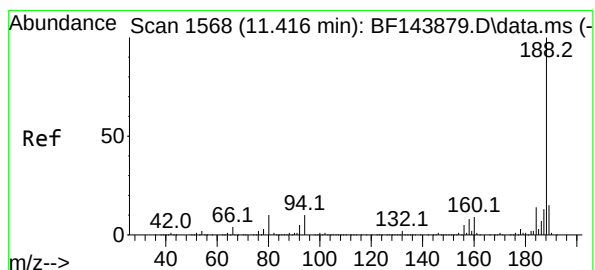
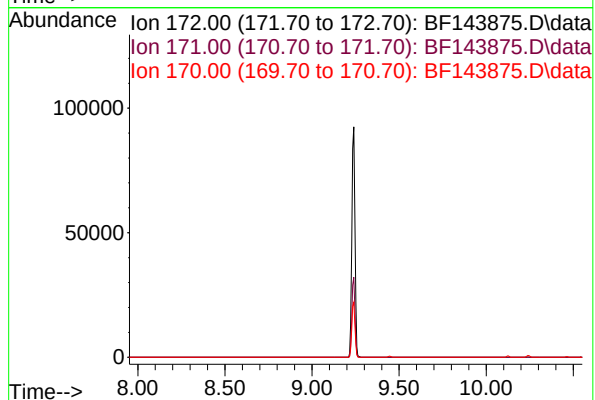
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.2

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

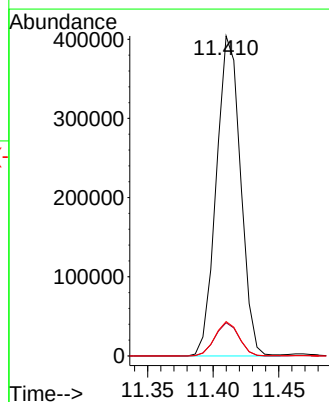
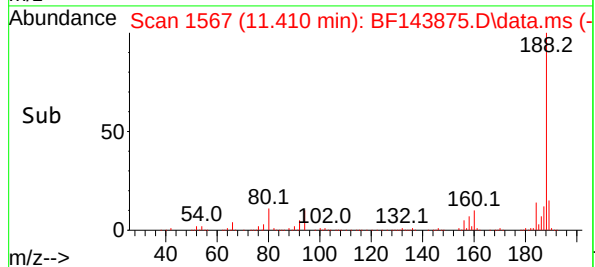
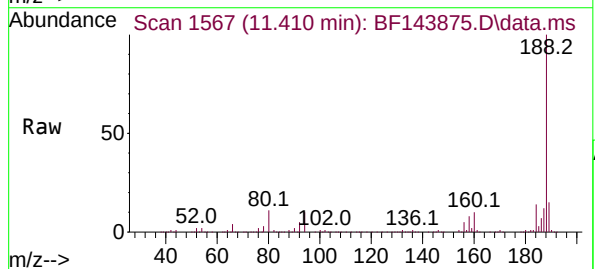
Tgt Ion:188 Resp: 520523

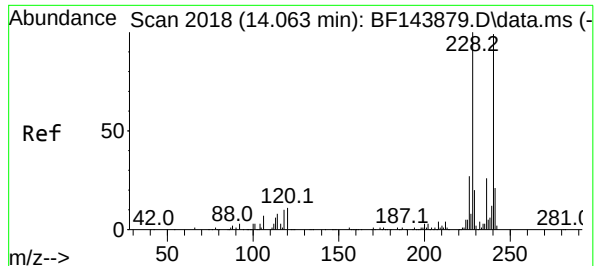
Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

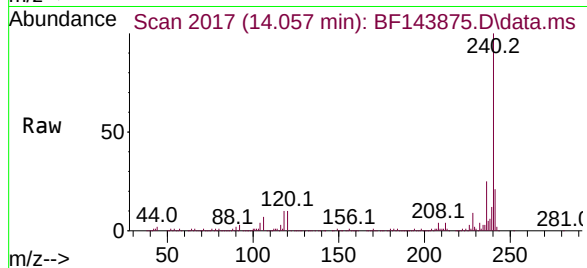
80 10.7 7.9 11.9



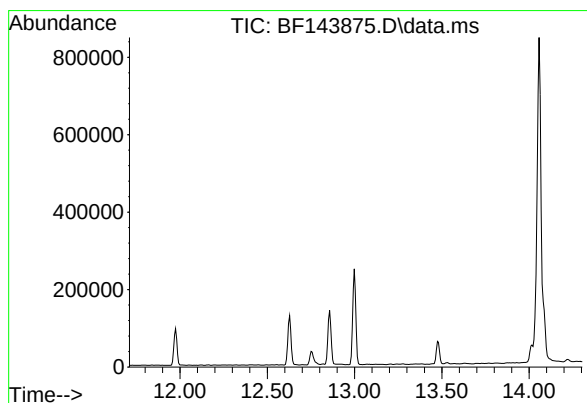
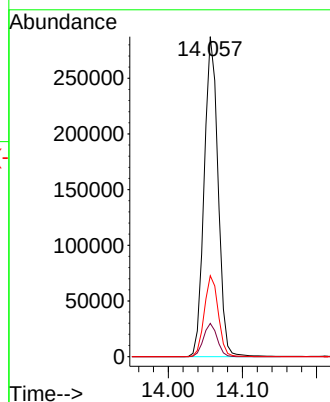
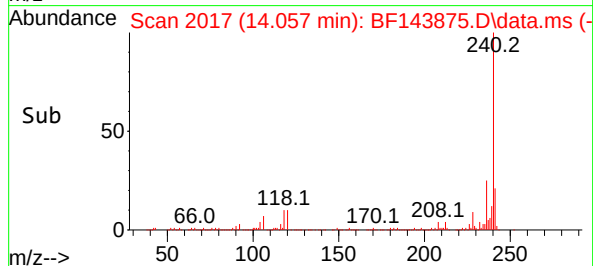


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 20  
Delta R.T. -0.011 min  
Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



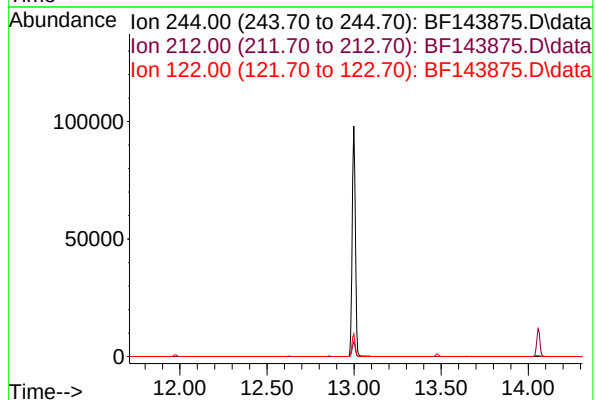
Tgt Ion:240 Resp: 373433  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 13.0  
236 25.3 21.1 31.7



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

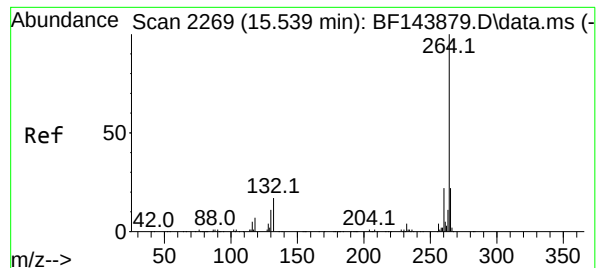
Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

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



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

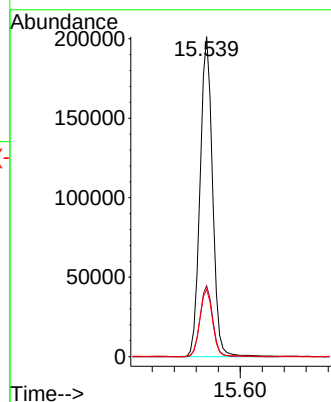
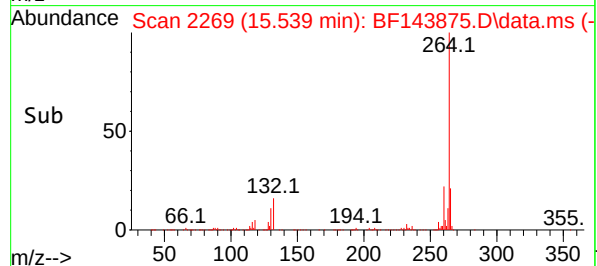
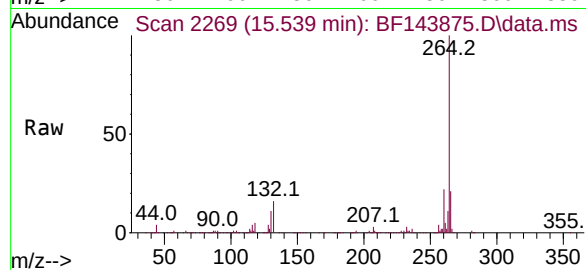
Ion 122.00 (121.70 to 122.70): BF143875.D\data



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:264 Resp: 316147  
Ion Ratio Lower Upper  
264 100  
260 22.1 17.8 26.8  
265 21.0 17.5 26.3



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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

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

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

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

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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

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

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

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

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

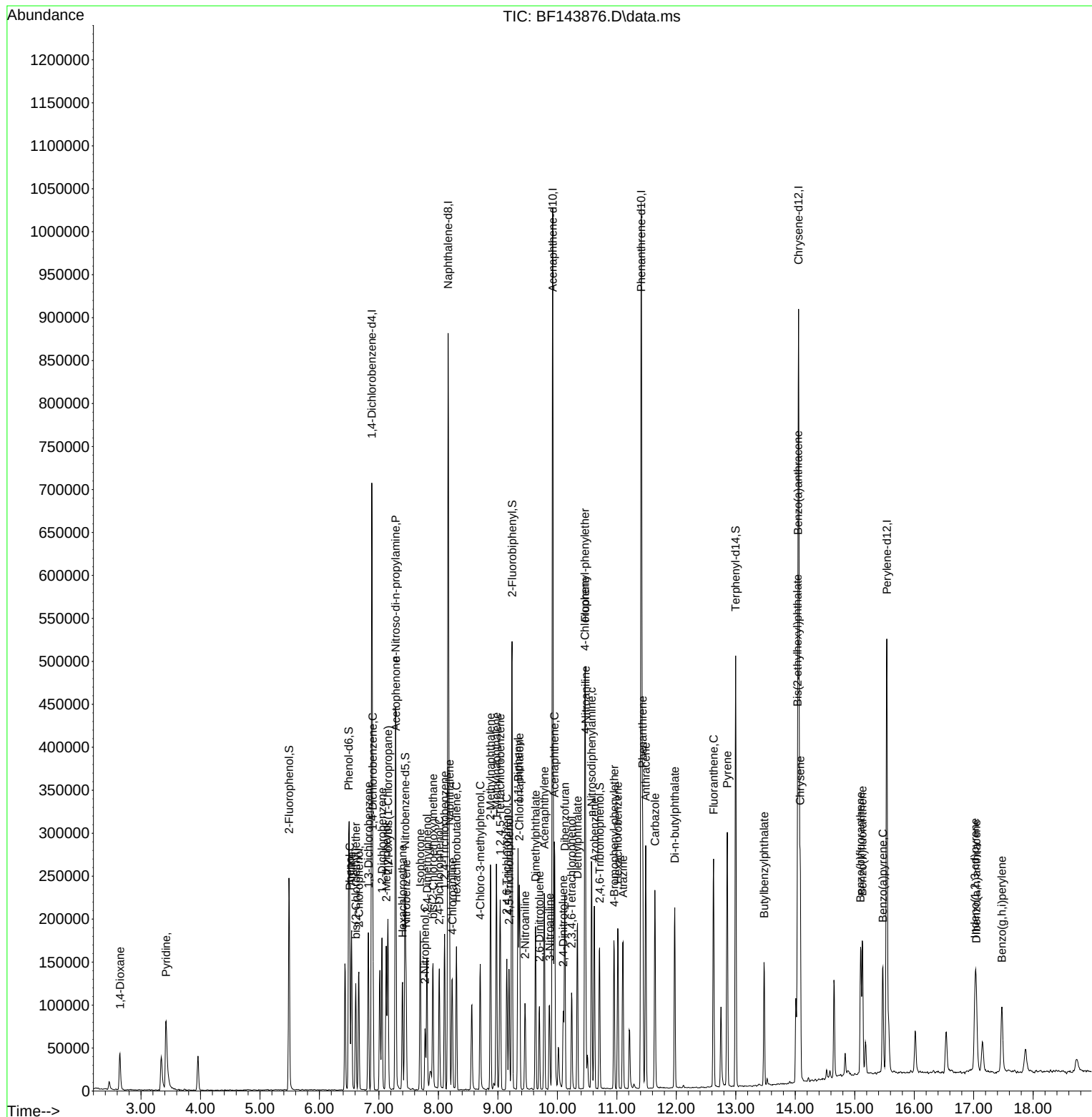
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\  
Data File : BF143876.D  
Acq On    : 06 Oct 2025  10:28  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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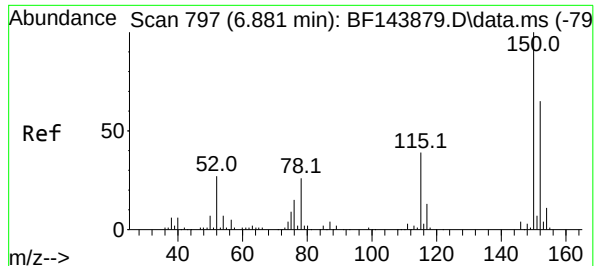
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC005

## Manual Integrations APPROVED

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

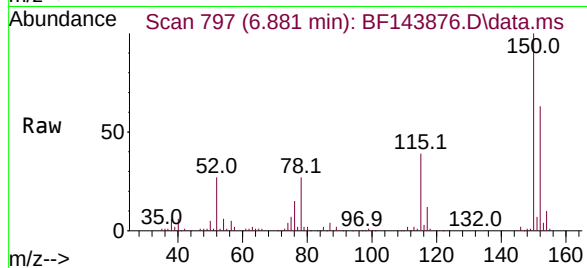
Quant Time: Oct 06 16:14:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





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

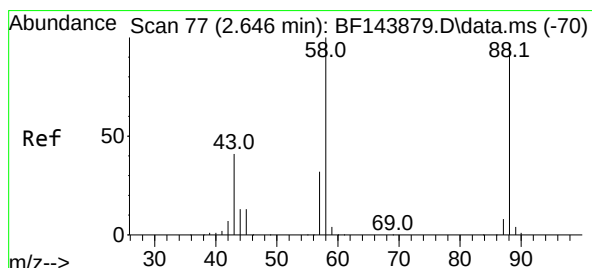
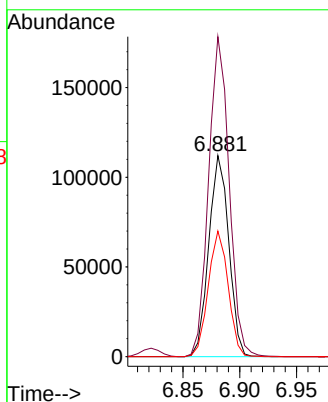
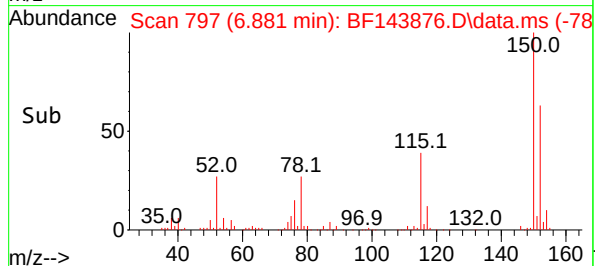
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

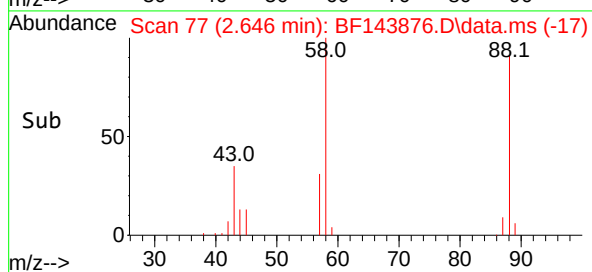
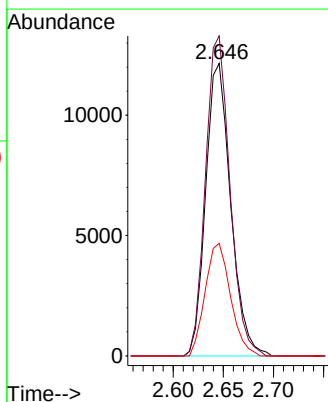
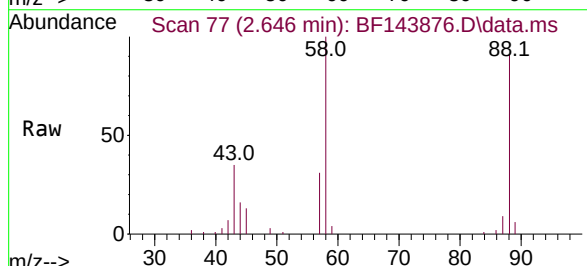
Manual Integrations  
APPROVED

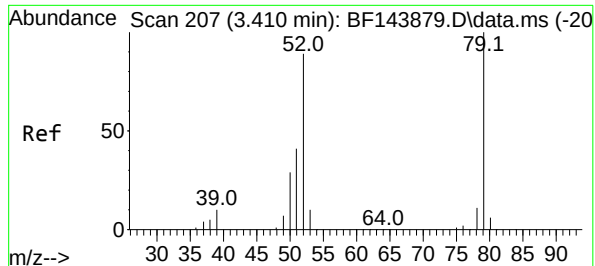
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#3

Pyridine

Concen: 4.984 ng

RT: 3.422 min Scan# 207

Delta R.T. 0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

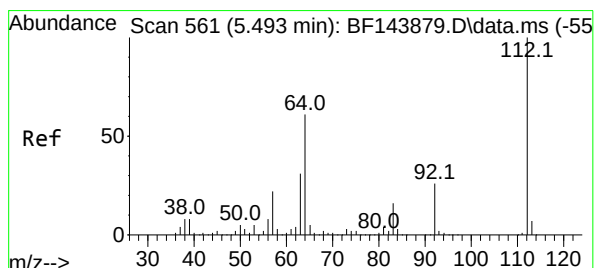
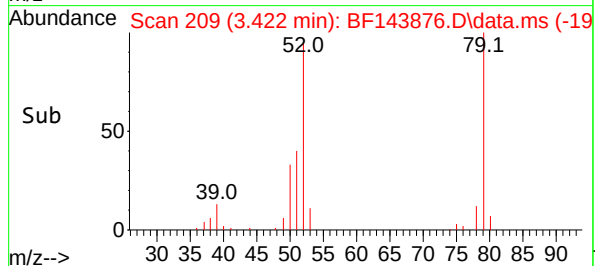
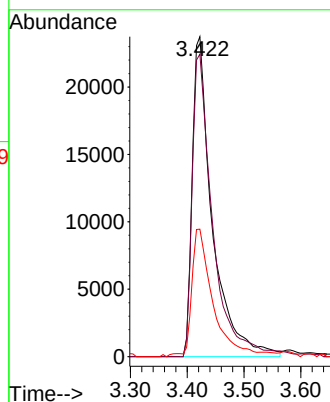
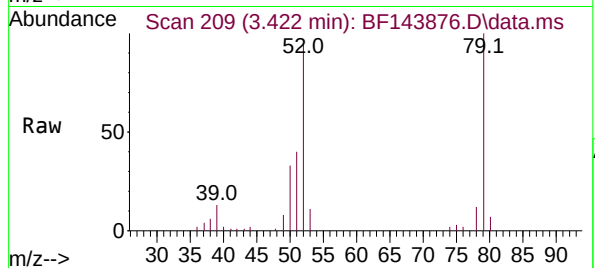
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 58179 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 94.5  | 71.5  | 107.3 |
| 51       | 39.8  | 32.9  | 49.3  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#5

2-Fluorophenol

Concen: 10.942 ng

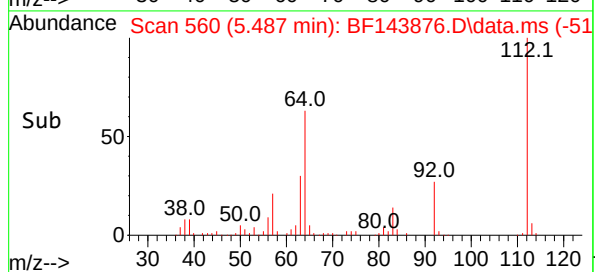
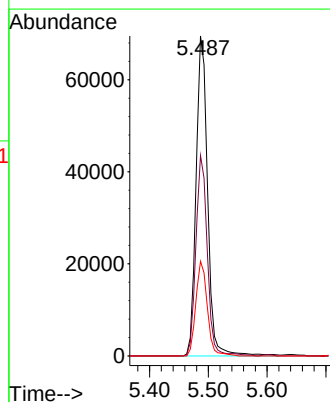
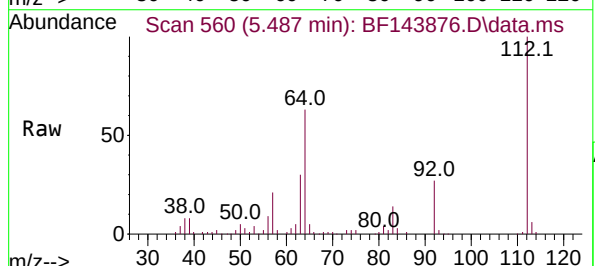
RT: 5.487 min Scan# 560

Delta R.T. -0.012 min

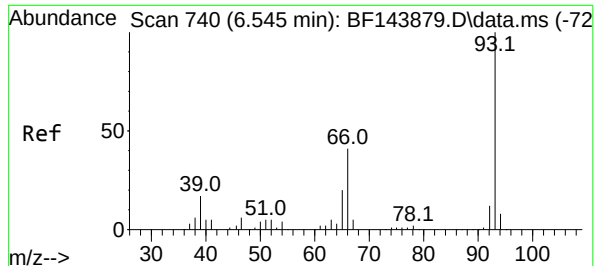
Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

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







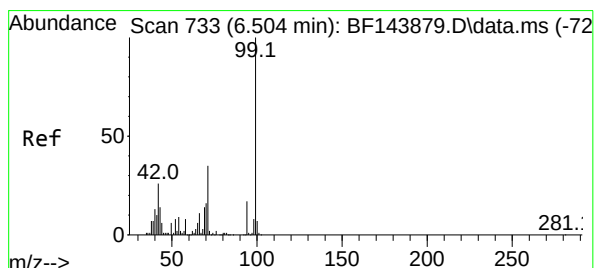
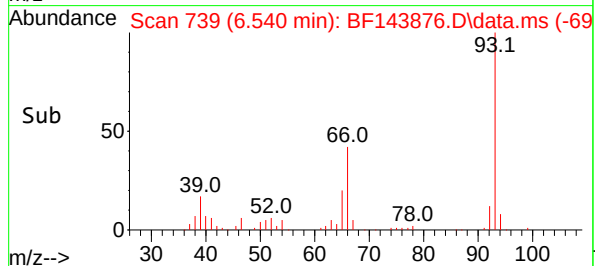
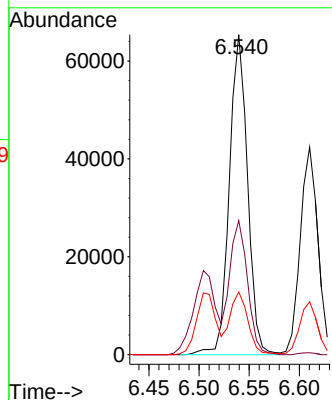
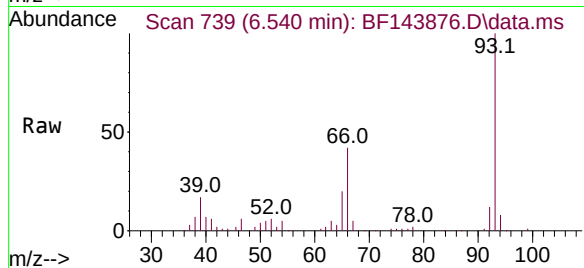
#6  
Aniline  
Concen: 5.335 ng  
RT: 6.540 min Scan# 740  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

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

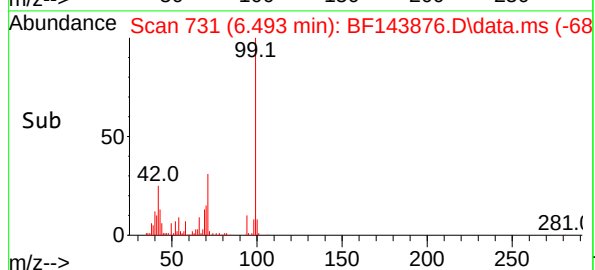
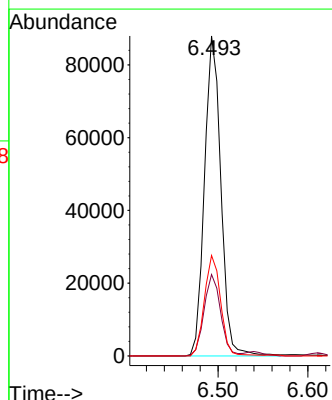
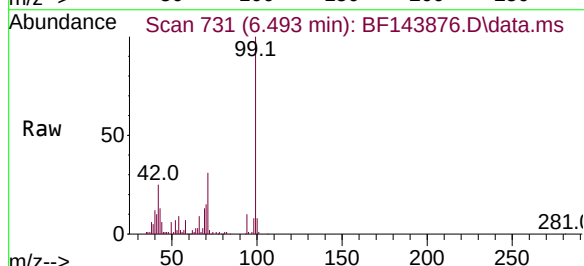
Manual Integrations  
APPROVED

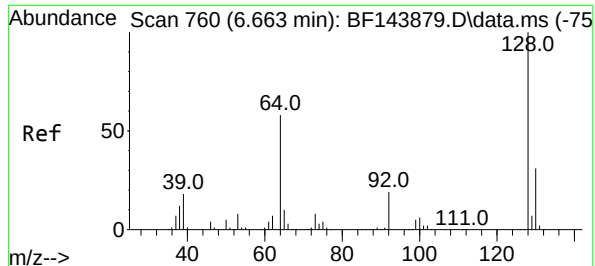
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#8

2-Chlorophenol

Concen: 5.376 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

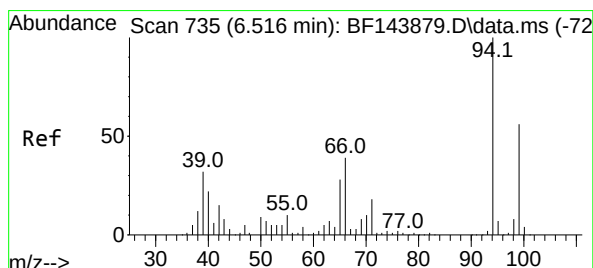
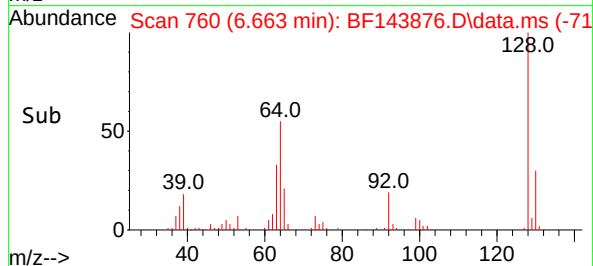
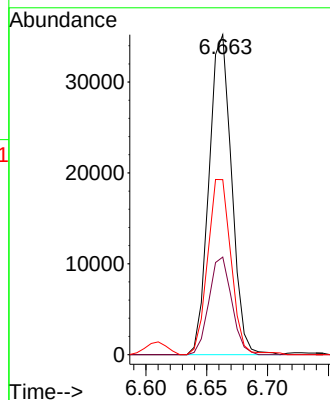
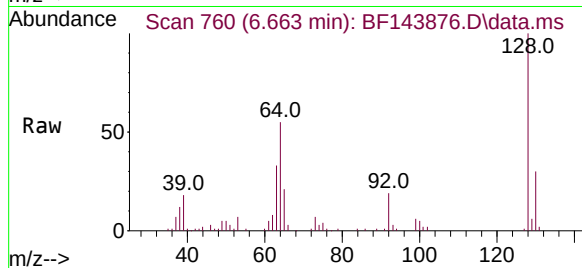
SSTDICC005

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

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 5.388 ng m

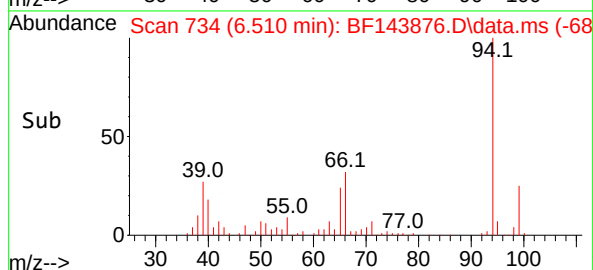
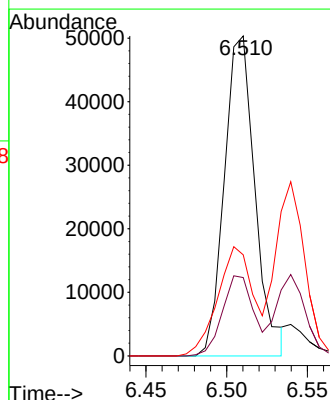
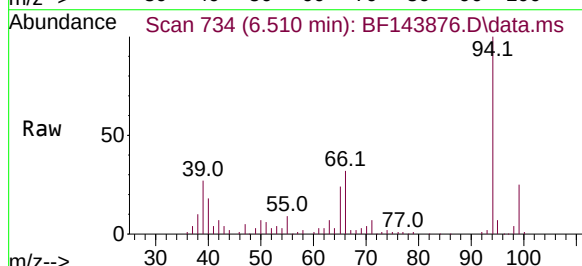
RT: 6.510 min Scan# 734

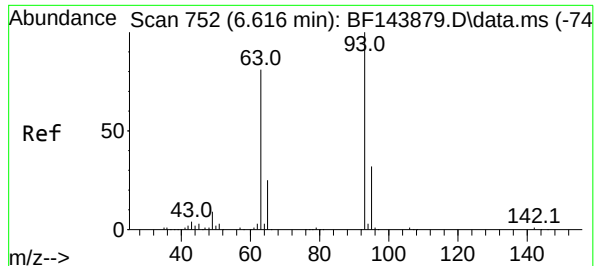
Delta R.T. -0.023 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

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





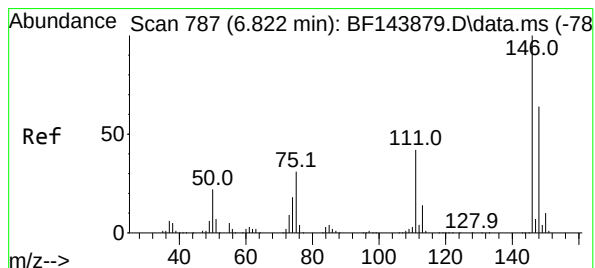
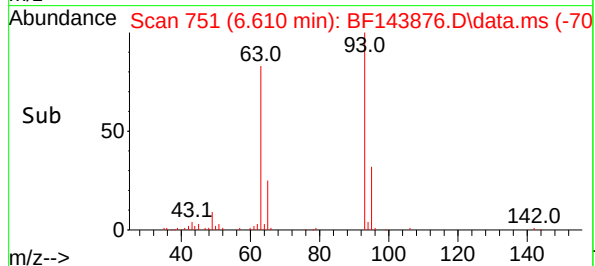
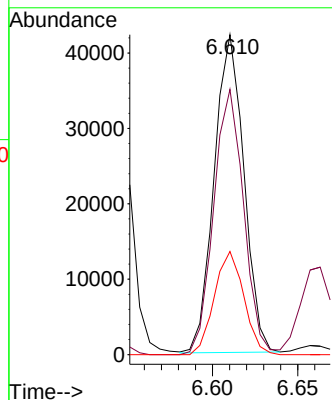
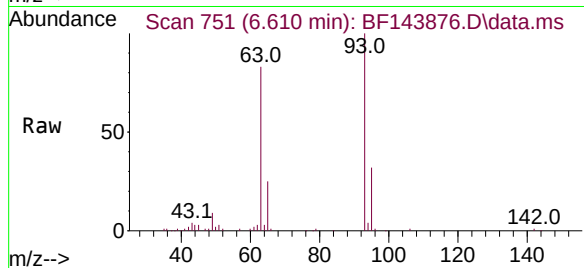
#11  
bis(2-Chloroethyl)ether  
Concen: 5.364 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

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

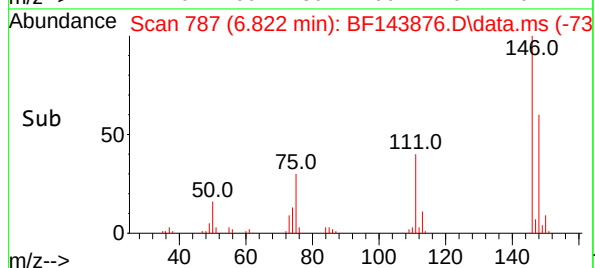
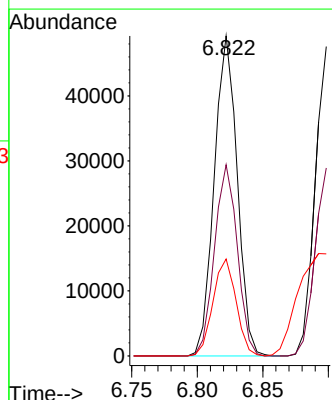
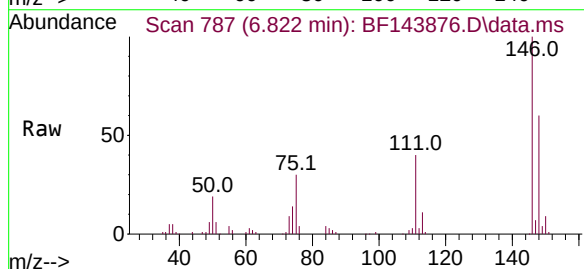
Manual Integrations  
APPROVED

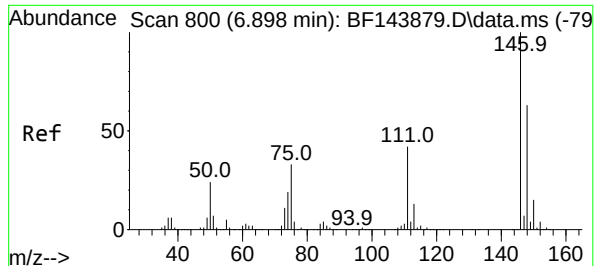
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#13

1,4-Dichlorobenzene

Concen: 5.686 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 56869

Ion Ratio Lower Upper

146 100

148 60.7 50.5 75.7

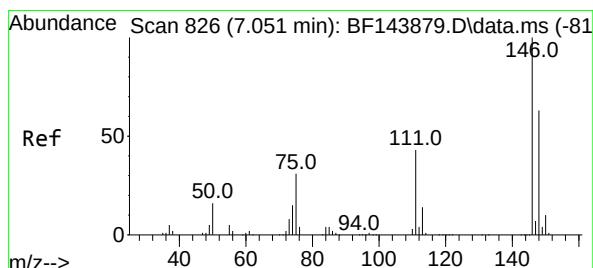
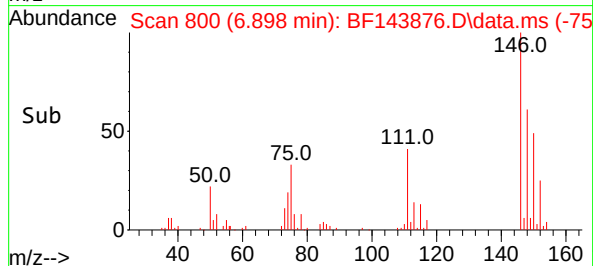
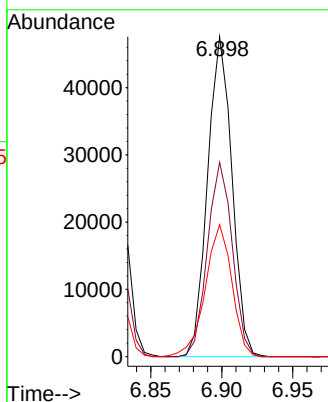
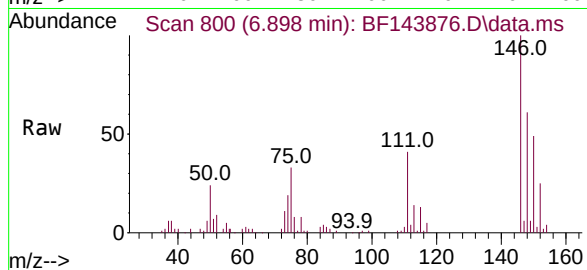
111 41.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 5.676 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

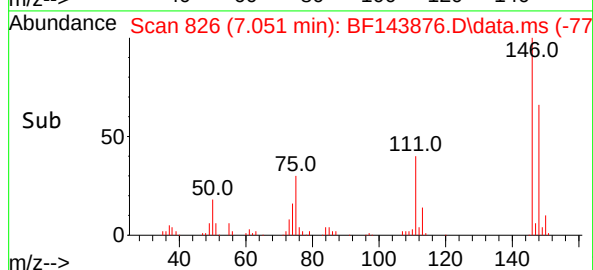
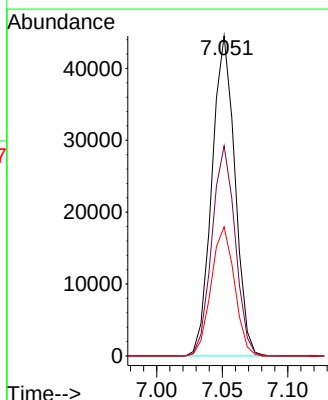
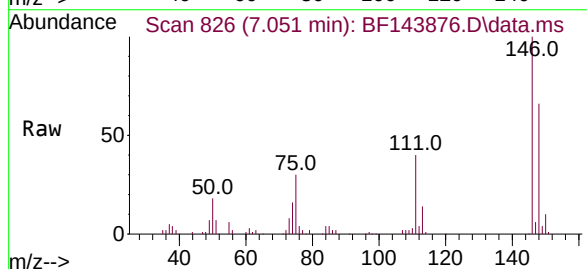
Tgt Ion:146 Resp: 54371

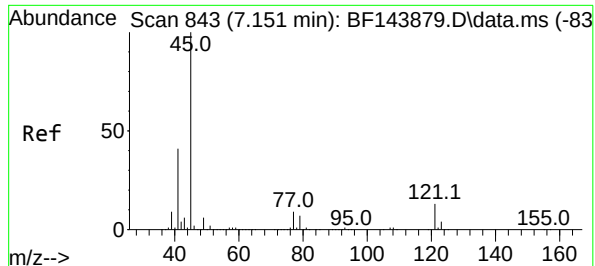
Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

111 40.3 34.6 51.8





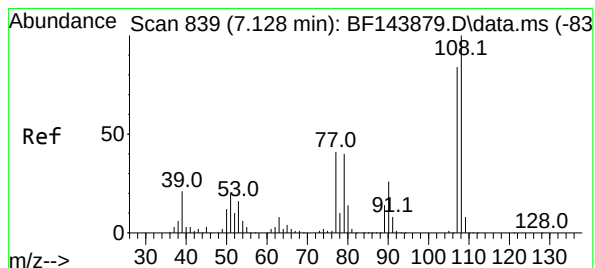
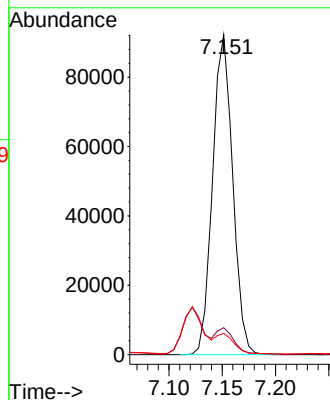
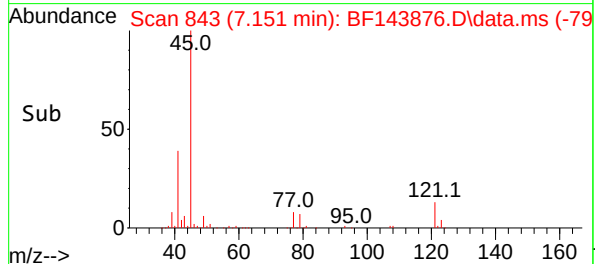
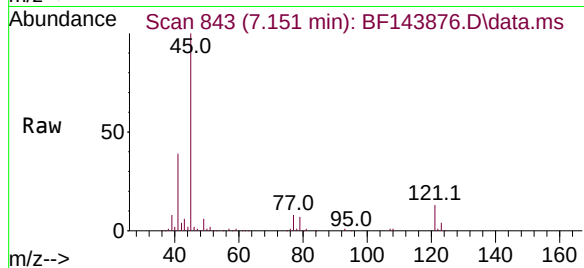
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.577 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

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

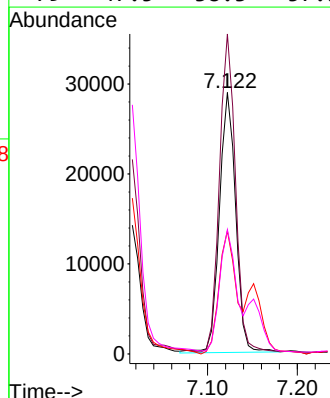
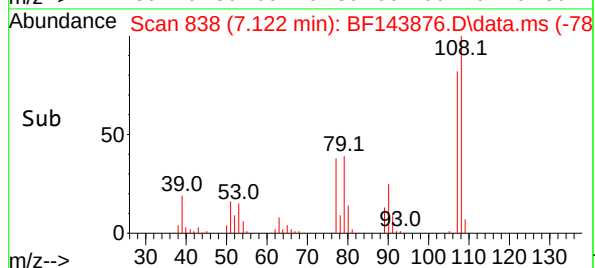
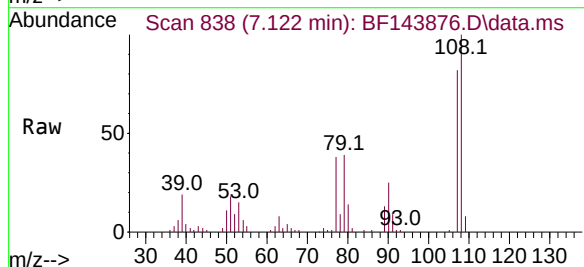
Manual Integrations  
APPROVED

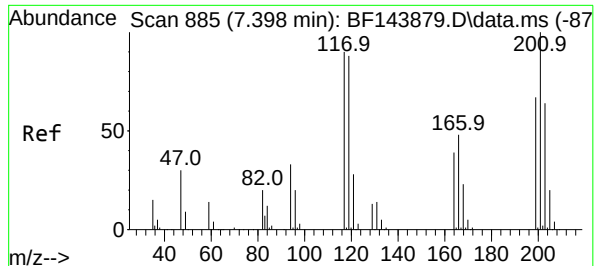
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

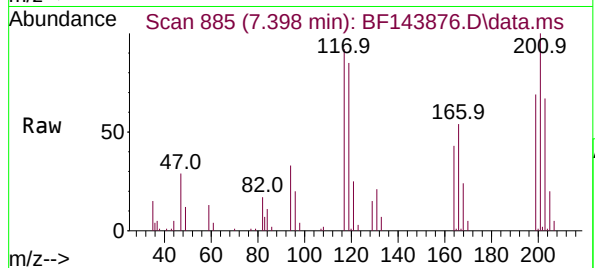
Tgt Ion:107 Resp: 36595  
Ion Ratio Lower Upper  
107 100  
108 122.4 94.7 142.1  
77 47.0 38.8 58.2  
79 47.5 38.3 57.5





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

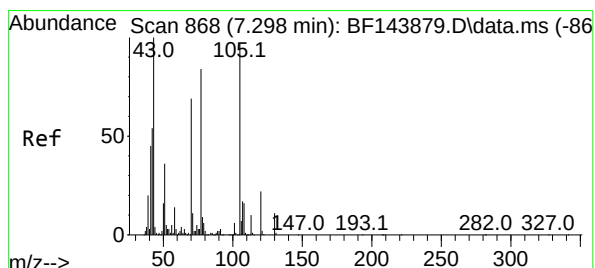
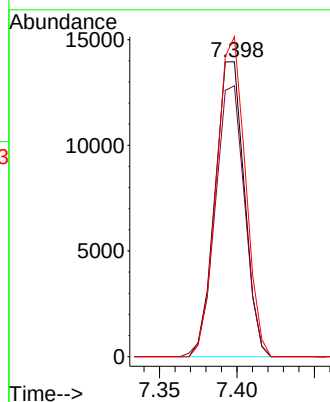
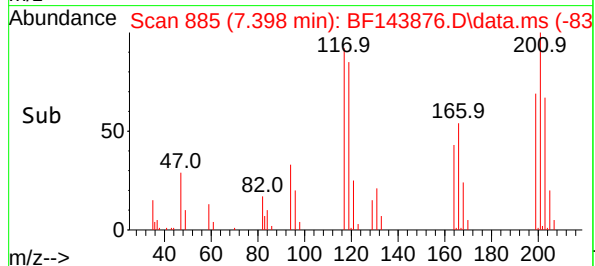
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

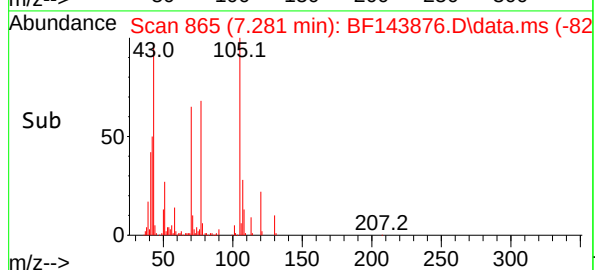
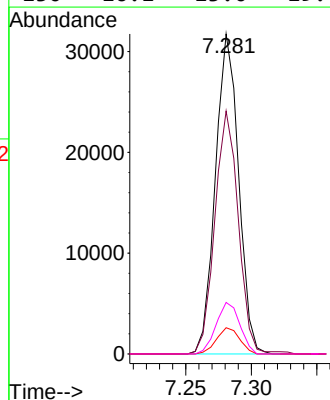
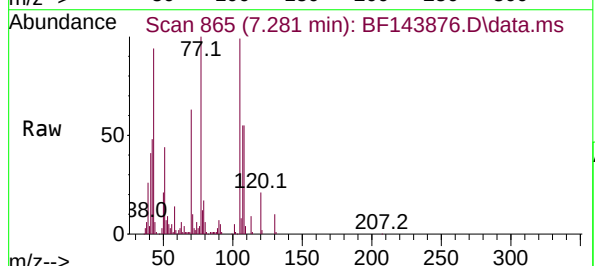
Manual Integrations  
APPROVED

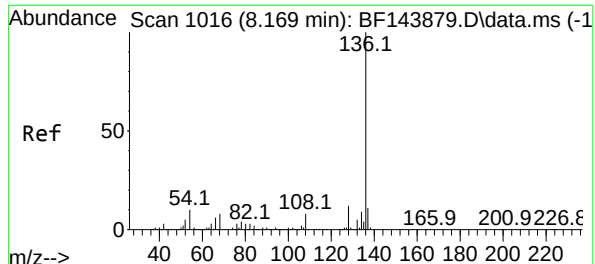
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

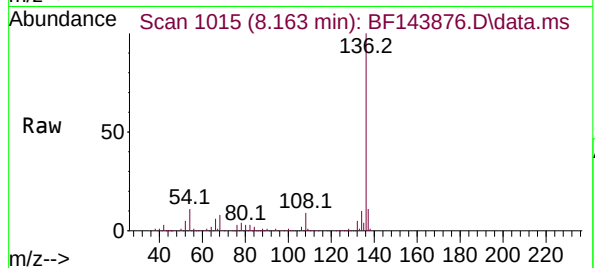
Tgt Ion: 70 Resp: 39050  
Ion Ratio Lower Upper  
70 100  
42 75.9 62.8 94.2  
101 8.2 6.7 10.1  
130 16.1 13.0 19.4





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

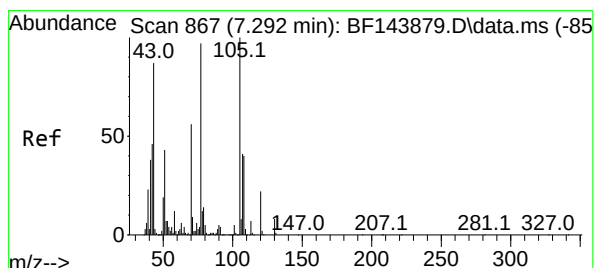
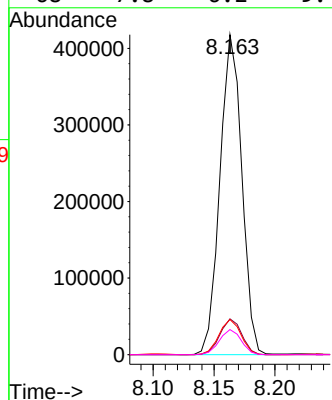
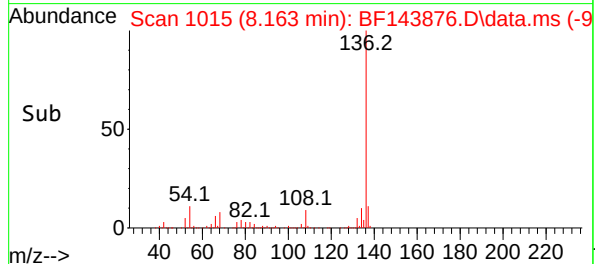
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

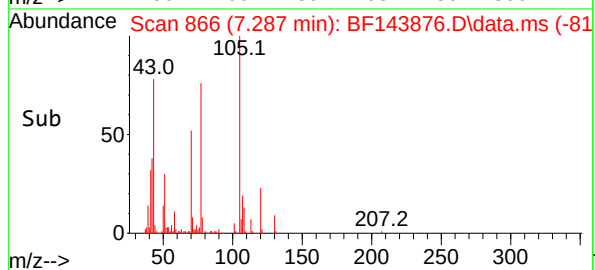
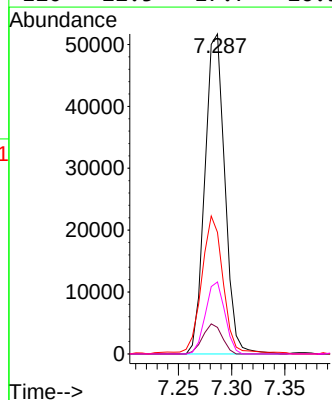
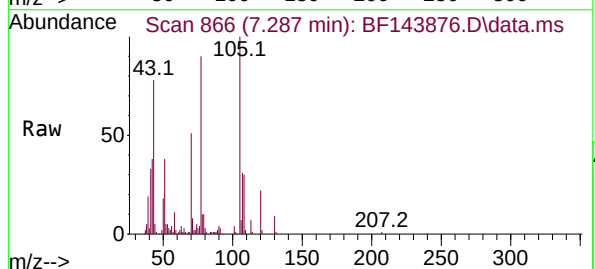
Manual Integrations  
APPROVED

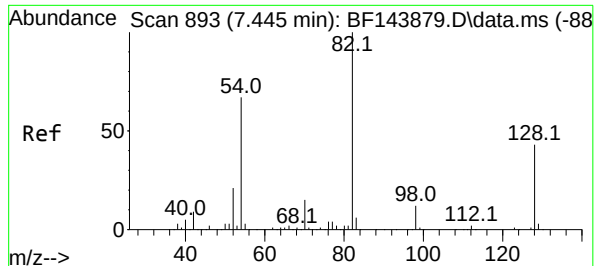
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#23

Nitrobenzene-d5

Concen: 9.862 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

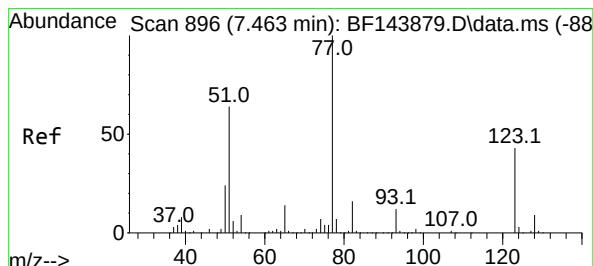
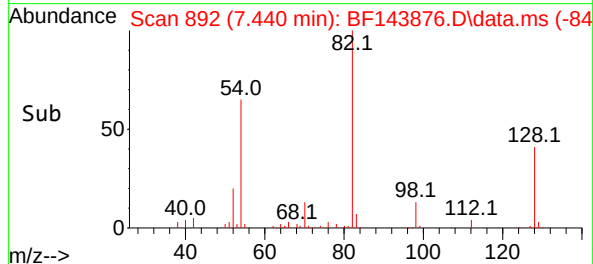
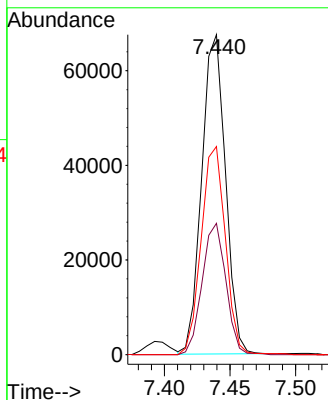
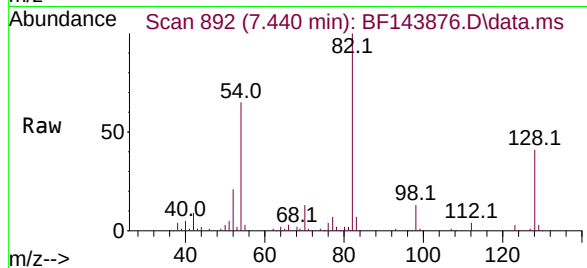
SSTDICC005

Tgt Ion: 82 Resp: 85086  
Ion Ratio Lower Upper  
82 100  
128 41.0 34.0 51.0  
54 65.0 53.2 79.8

Manual Integrations

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



#24

Nitrobenzene

Concen: 5.054 ng

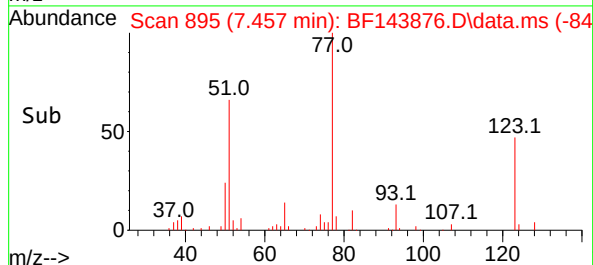
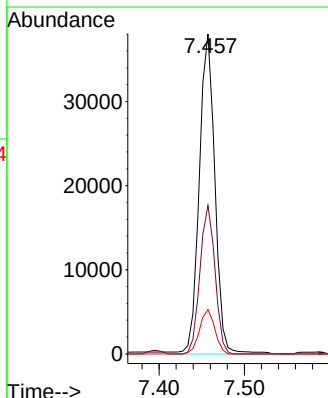
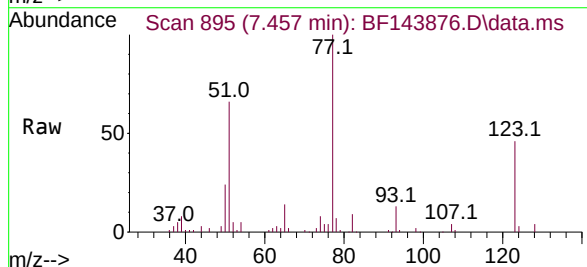
RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

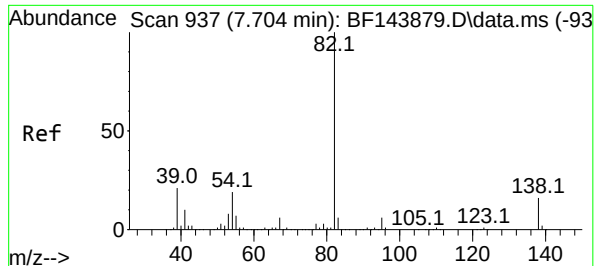
Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

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







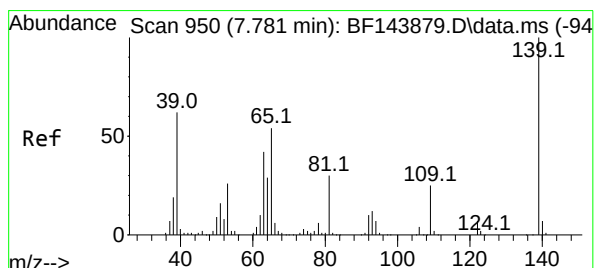
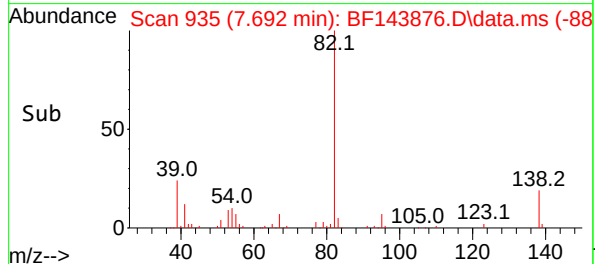
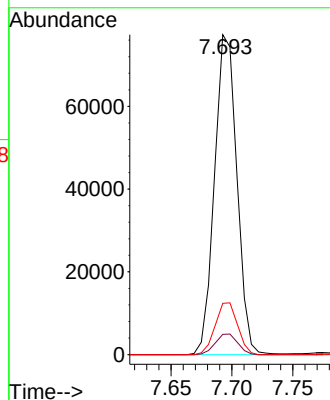
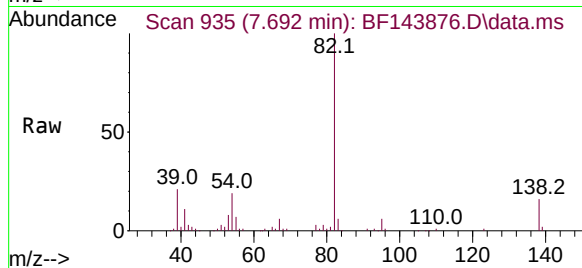
#25  
Isophorone  
Concen: 5.429 ng  
RT: 7.692 min Scan# 937  
Delta R.T. -0.029 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
Client Sample Id :  
SSTDIC005

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

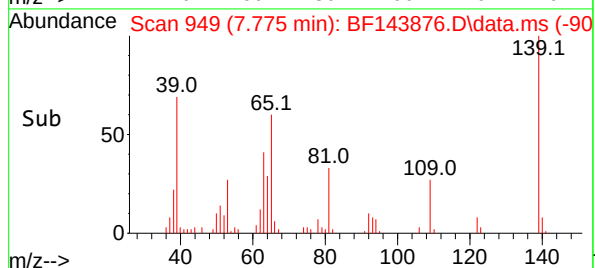
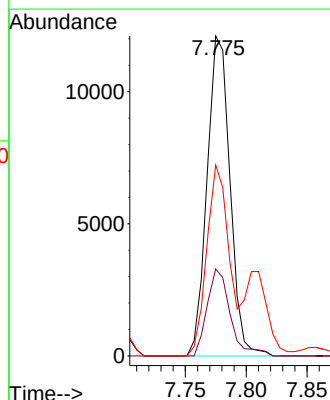
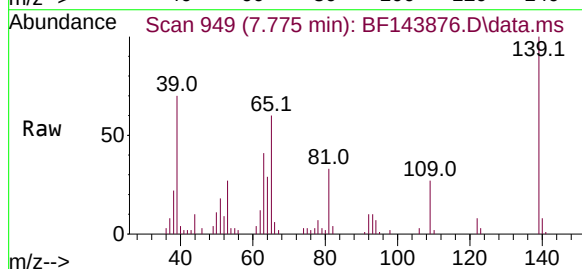
Manual Integrations  
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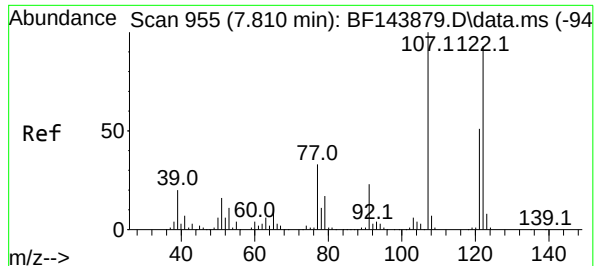
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





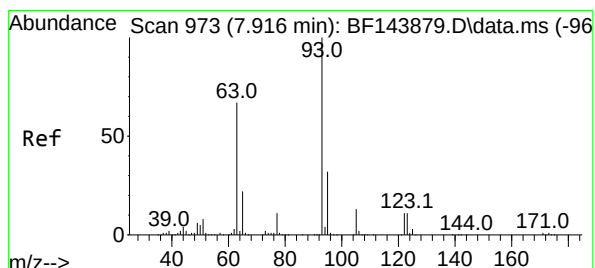
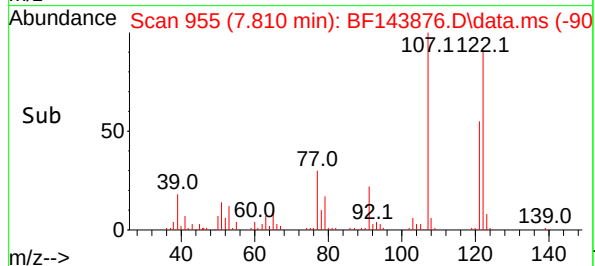
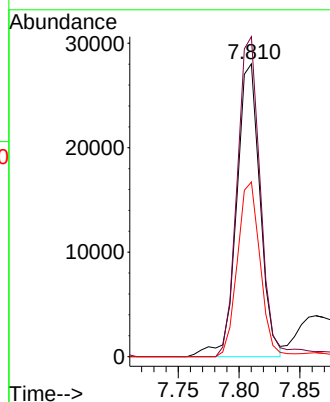
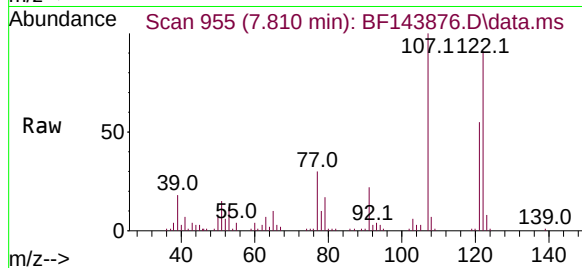
#27  
2,4-Dimethylphenol  
Concen: 5.095 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

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

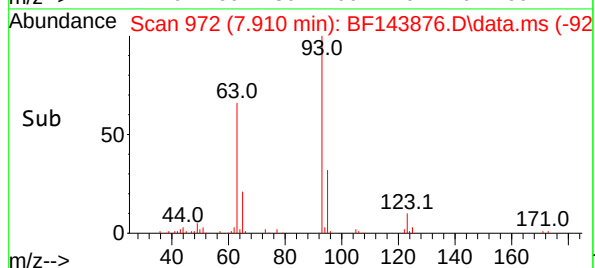
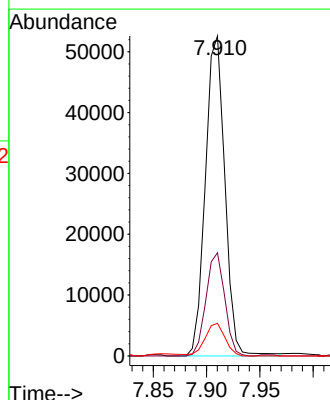
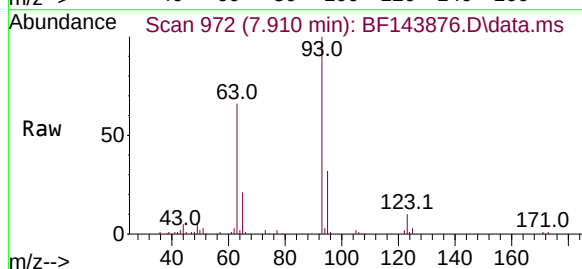
Manual Integrations  
APPROVED

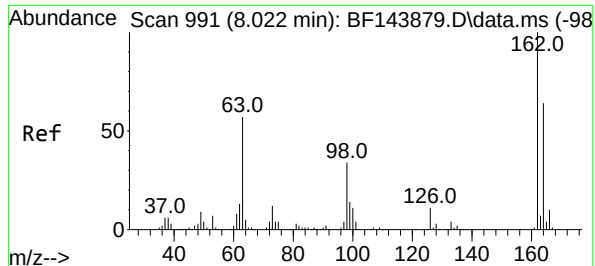
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#29

2,4-Dichlorophenol

Concen: 5.390 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

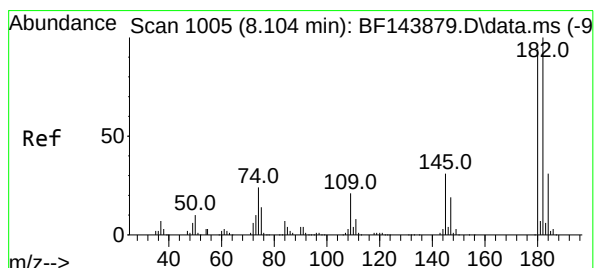
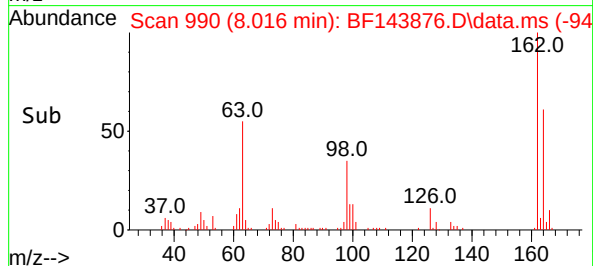
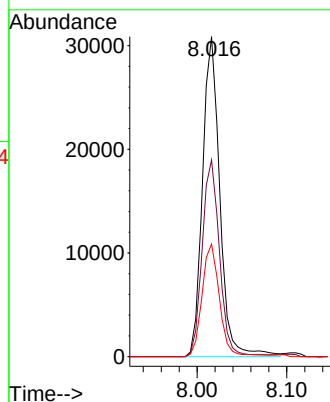
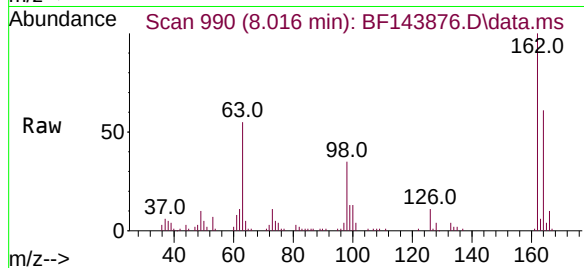
SSTDICC005

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

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 5.722 ng

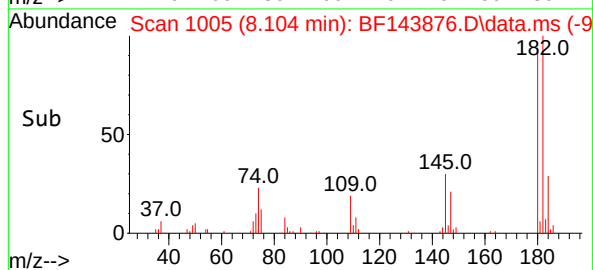
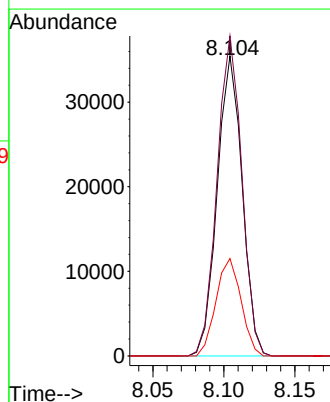
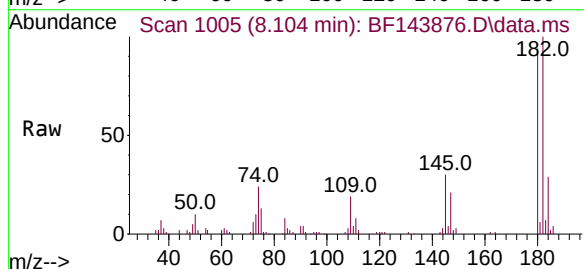
RT: 8.104 min Scan# 1005

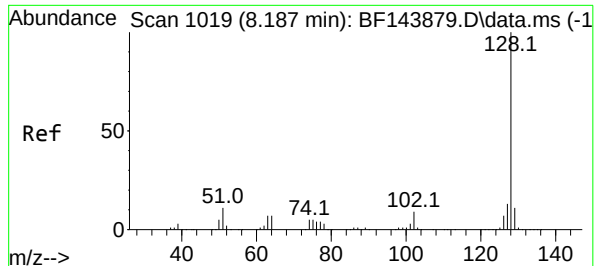
Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

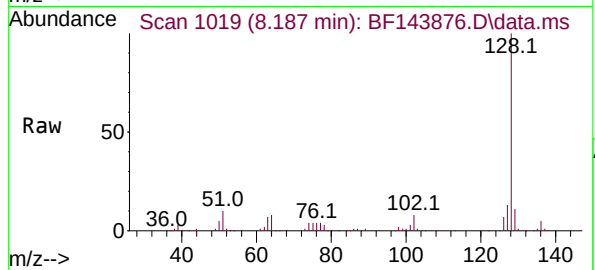
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 43309      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 106.7 | 85.4 128.0 |
| 145         | 32.5  | 26.3 39.5  |





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

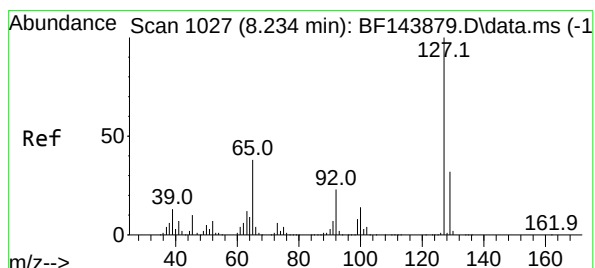
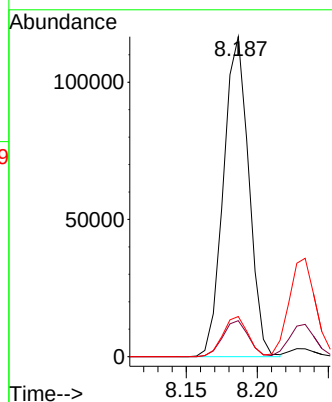
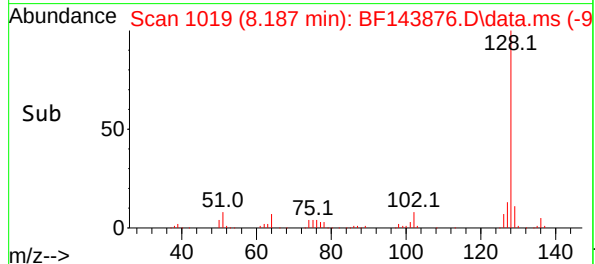
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



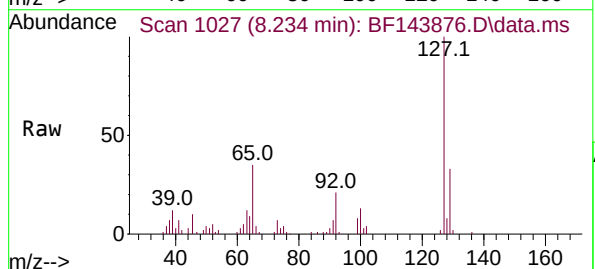
Tgt Ion:128 Resp: 144561  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 12.5 10.0 15.0

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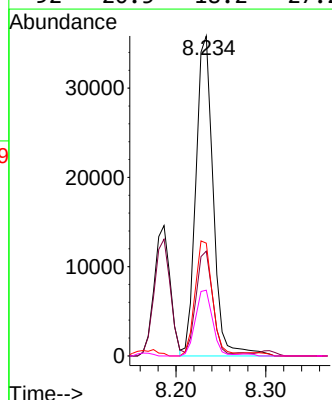
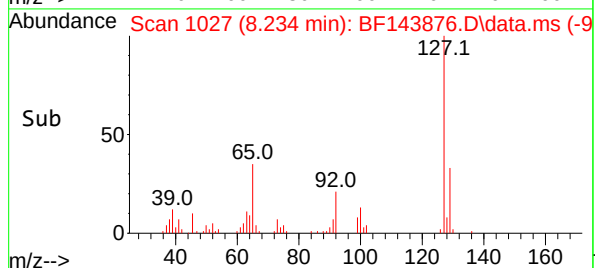
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

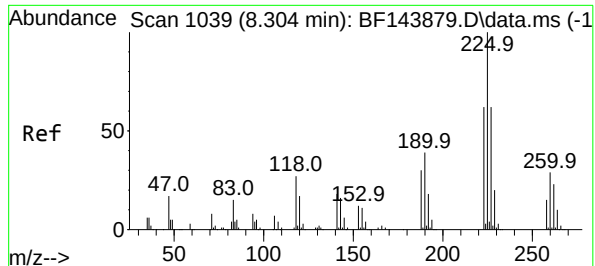


#33  
4-Chloroaniline  
Concen: 5.388 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



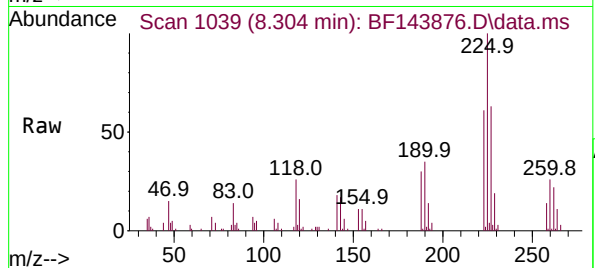
Tgt Ion:127 Resp: 48181  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.8 38.8  
65 35.2 30.0 45.0  
92 20.5 18.2 27.2





#34  
Hexachlorobutadiene  
Concen: 5.751 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

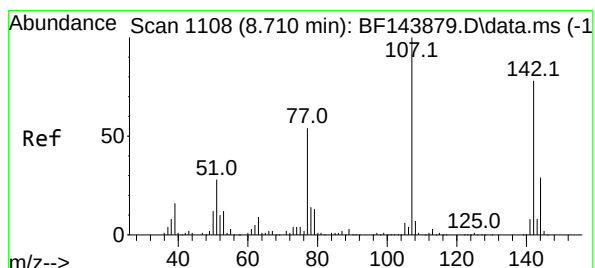
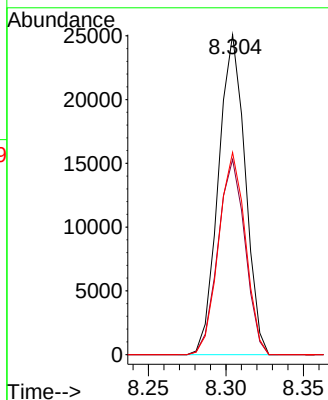
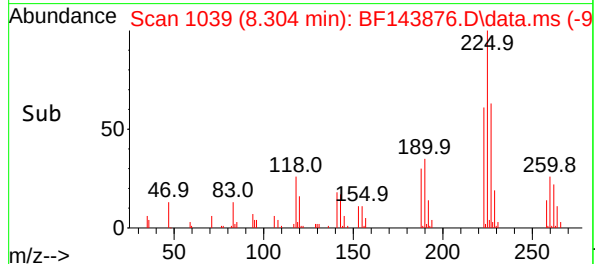
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



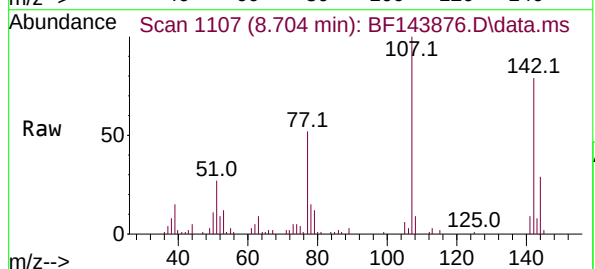
Tgt Ion:225 Resp: 30240  
Ion Ratio Lower Upper  
225 100  
223 61.0 49.4 74.2  
227 63.2 49.7 74.5

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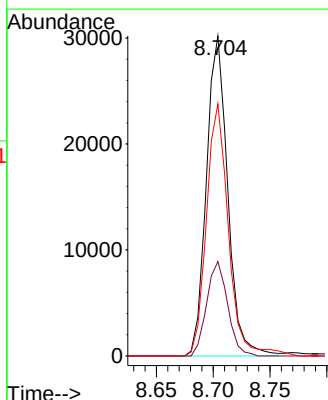
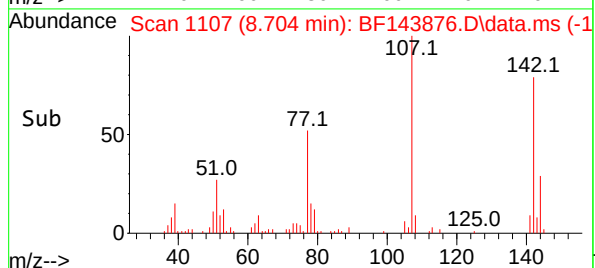
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

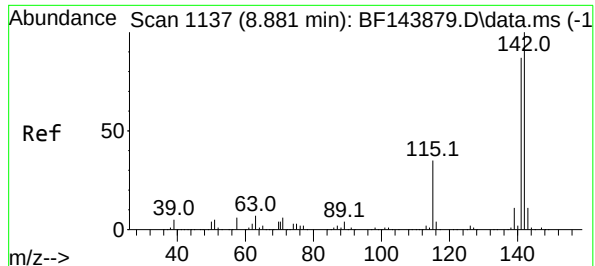


#36  
4-Chloro-3-methylphenol  
Concen: 5.343 ng  
RT: 8.704 min Scan# 1107  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



Tgt Ion:107 Resp: 39500  
Ion Ratio Lower Upper  
107 100  
144 29.5 23.1 34.7  
142 78.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 6.122 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 9722

Ion Ratio Lower Upper

142 100

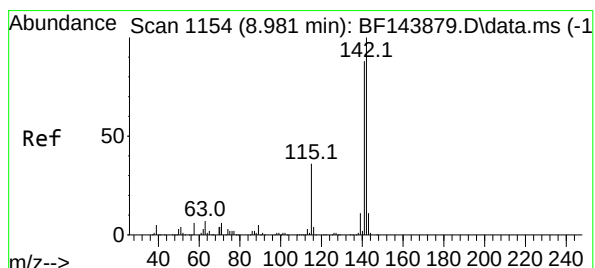
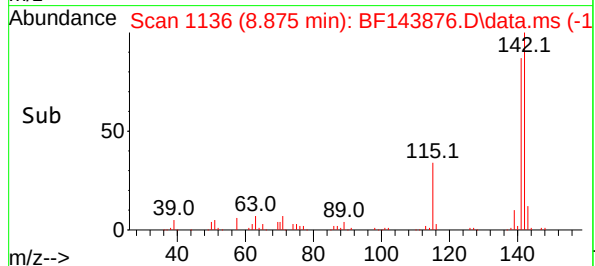
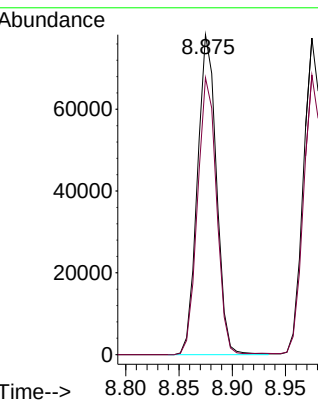
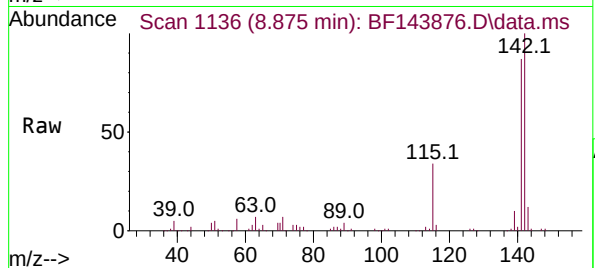
141 86.5 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 6.114 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143876.D

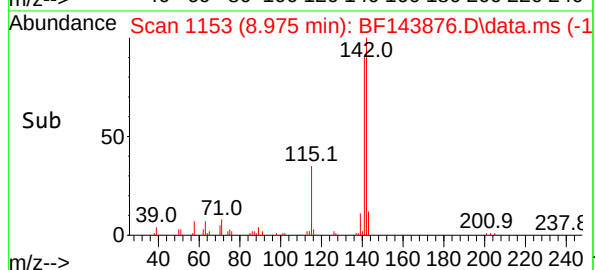
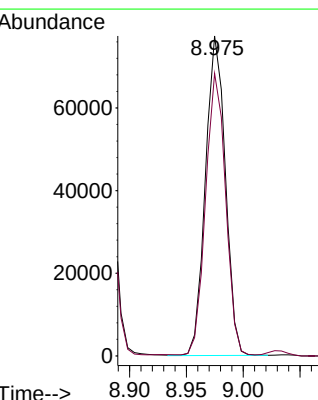
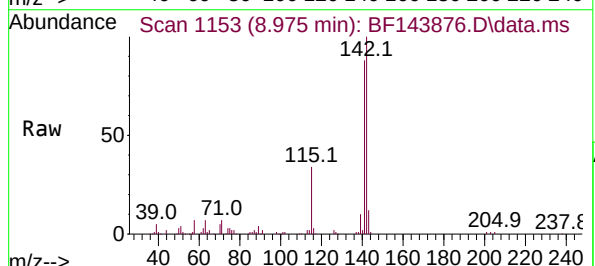
Acq: 06 Oct 2025 10:28

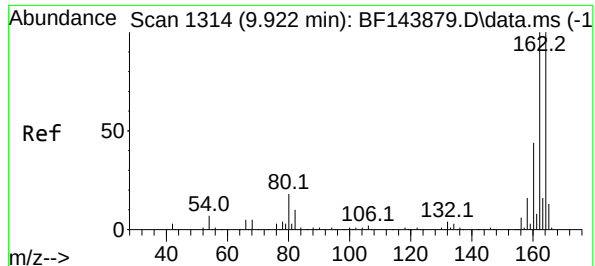
Tgt Ion:142 Resp: 94190

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143876.D

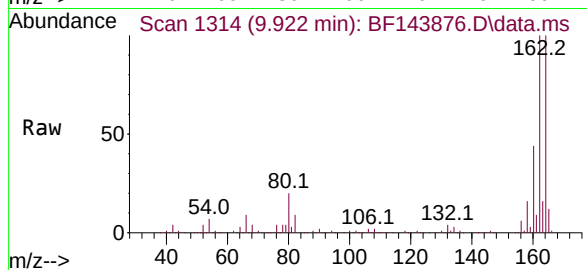
Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 303230

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

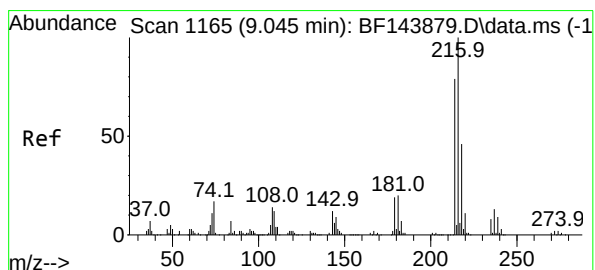
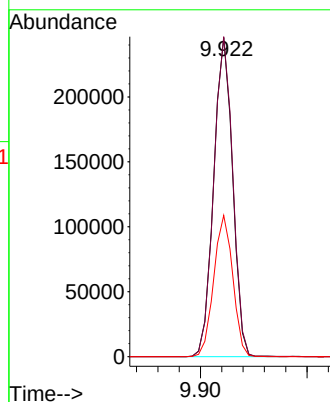
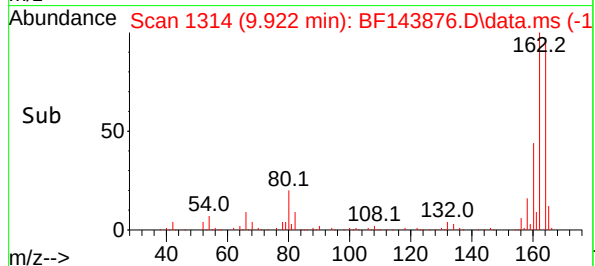
160 44.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.519 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:216 Resp: 46252

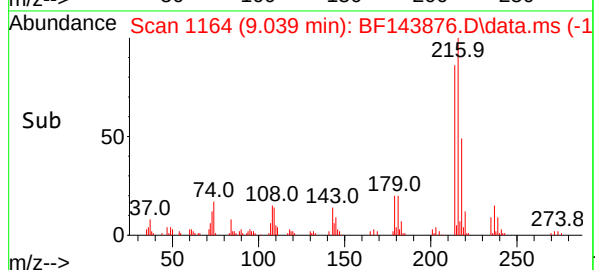
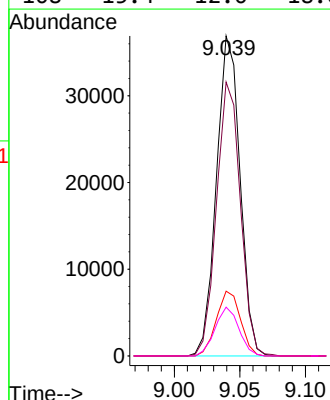
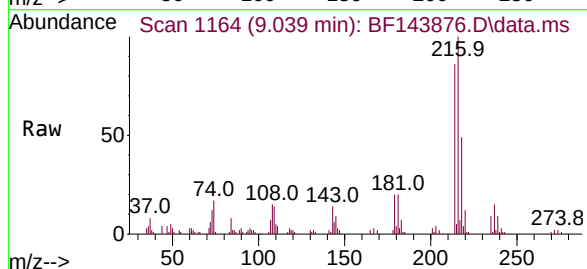
Ion Ratio Lower Upper

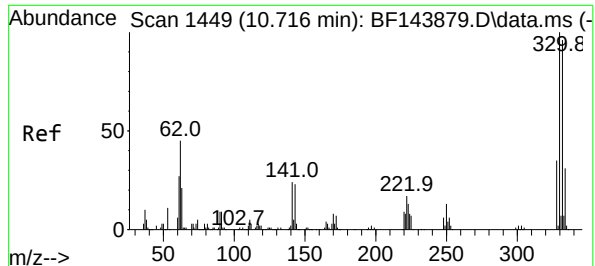
216 100

214 86.6 62.6 94.0

179 20.7 15.4 23.0

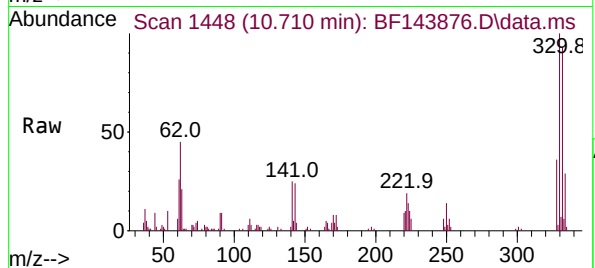
108 15.4 12.0 18.0





#42  
2,4,6-Tribromophenol  
Concen: 9.721 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

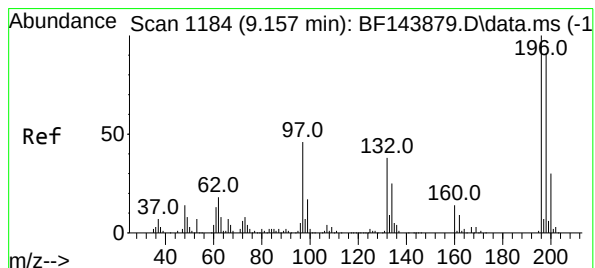
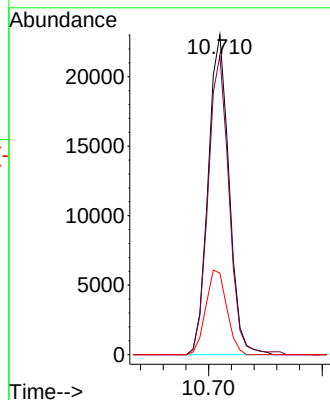
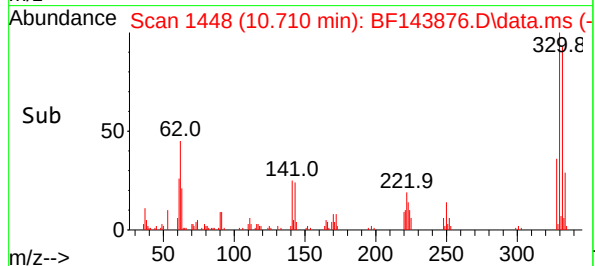
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



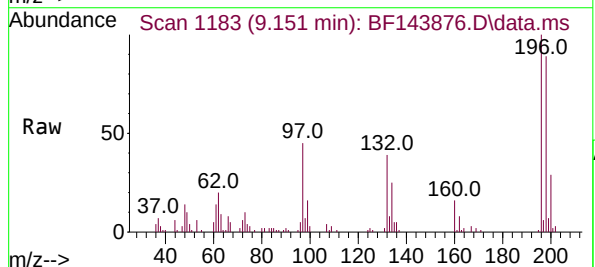
Tgt Ion: 330 Resp: 29360  
Ion Ratio Lower Upper  
330 100  
332 93.9 76.9 115.3  
141 26.6 20.2 30.4

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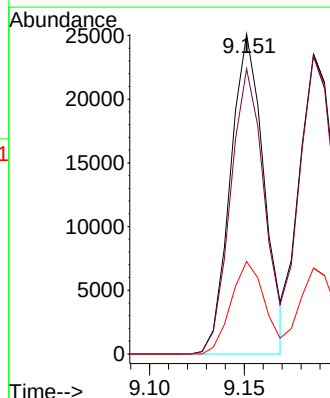
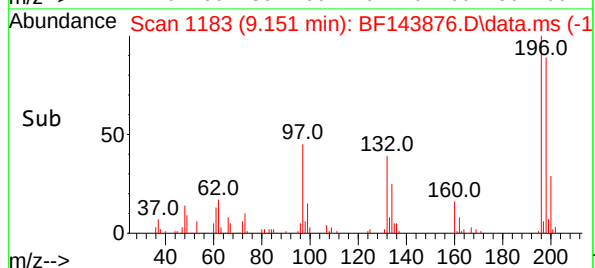
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



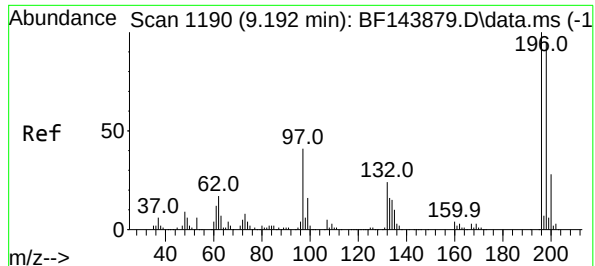
#43  
2,4,6-Trichlorophenol  
Concen: 5.047 ng  
RT: 9.151 min Scan# 1183  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



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

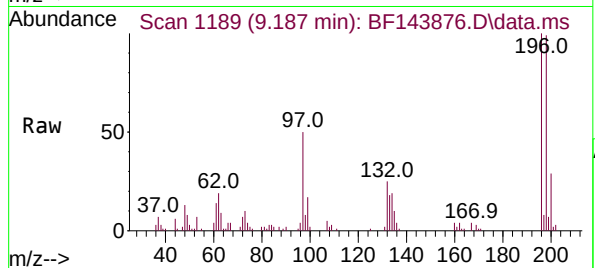






#44  
2,4,5-Trichlorophenol  
Concen: 5.194 ng  
RT: 9.187 min Scan# 1189  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

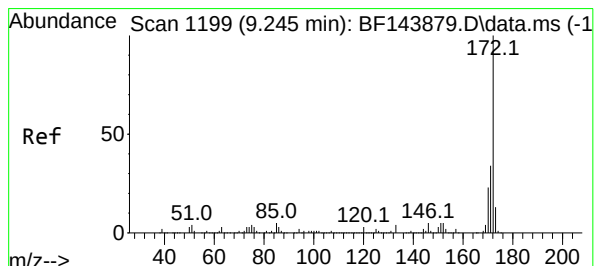
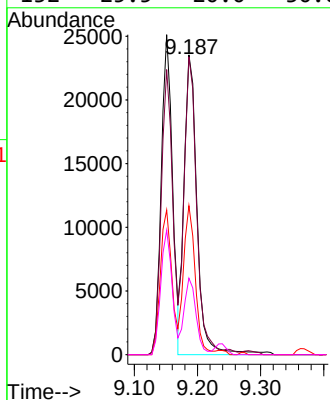
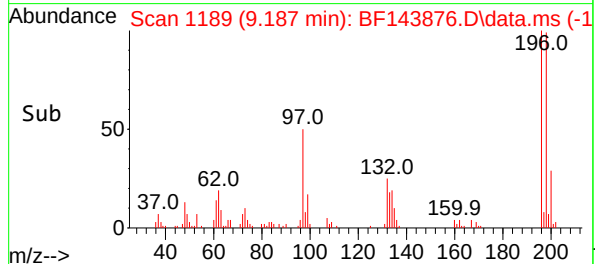
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

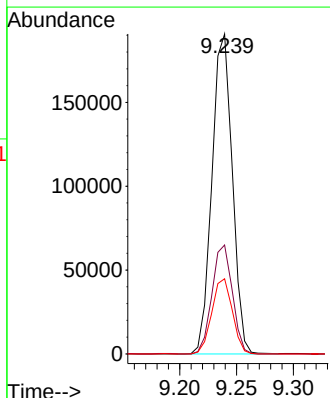
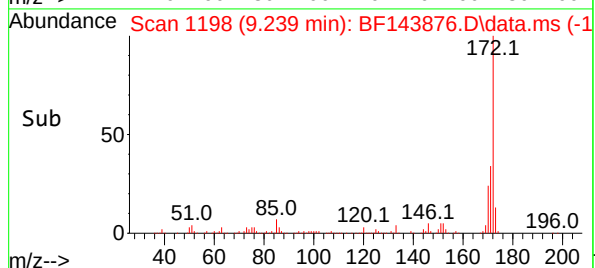
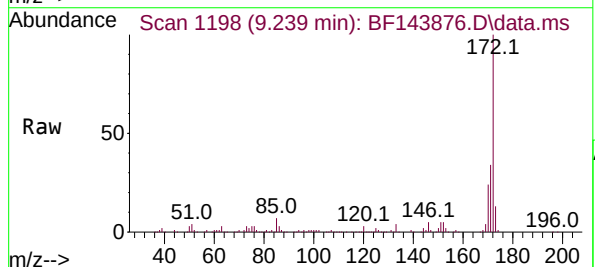
Manual Integrations  
APPROVED

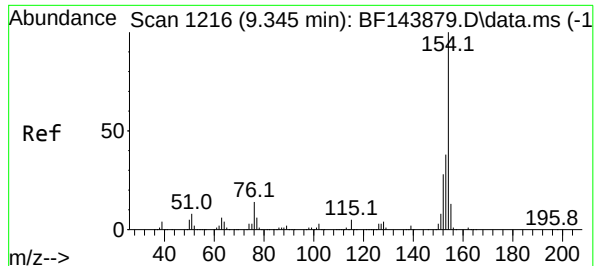
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

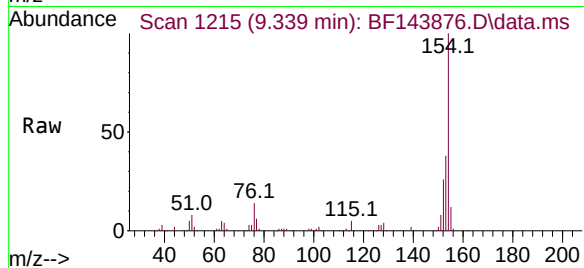
Tgt Ion:172 Resp: 237689  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.4 41.0  
170 23.5 18.6 28.0





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

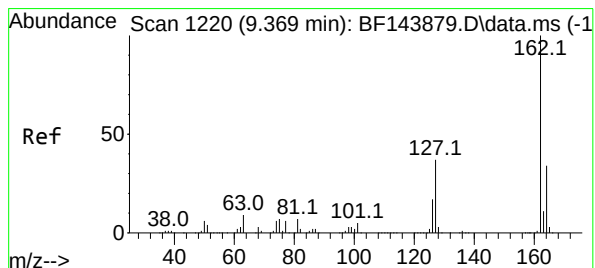
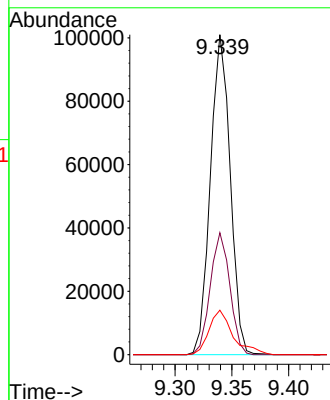
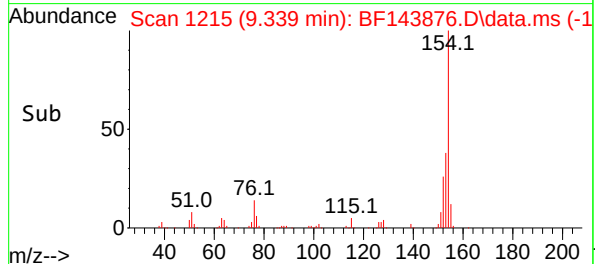
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



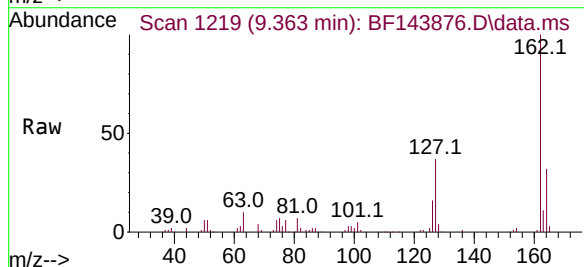
Tgt Ion:154 Resp: 122568  
Ion Ratio Lower Upper  
154 100  
153 38.1 18.4 58.4  
76 13.9 0.0 34.0

Manual Integrations  
APPROVED

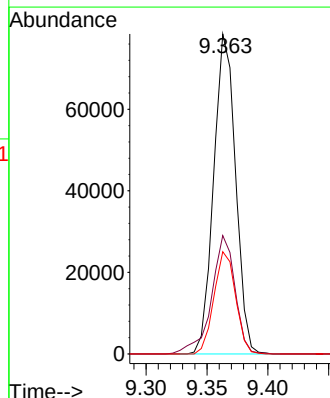
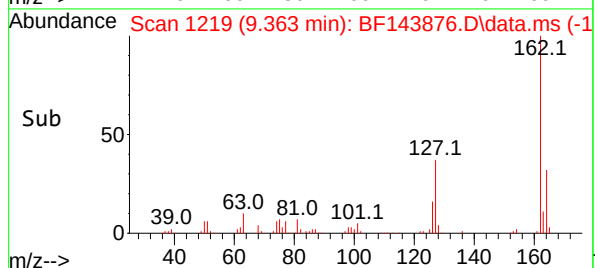
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

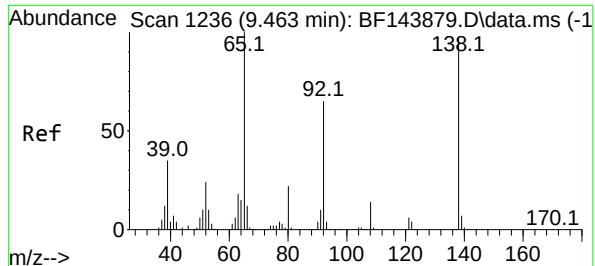


#47  
2-Chloronaphthalene  
Concen: 5.861 ng  
RT: 9.363 min Scan# 1219  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



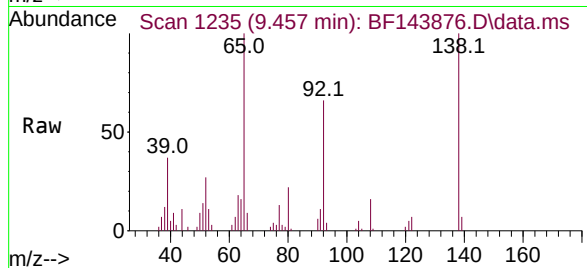
Tgt Ion:162 Resp: 98102  
Ion Ratio Lower Upper  
162 100  
127 37.0 30.2 45.2  
164 32.0 26.9 40.3





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

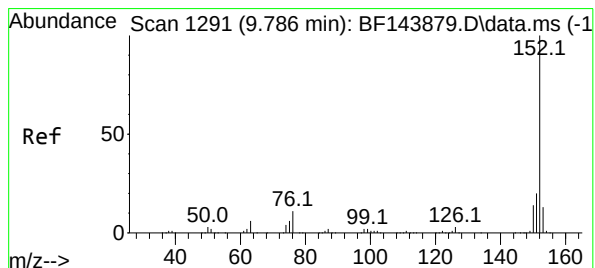
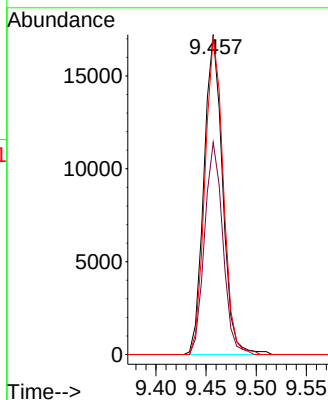
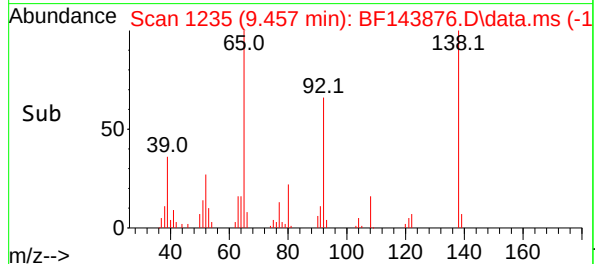
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

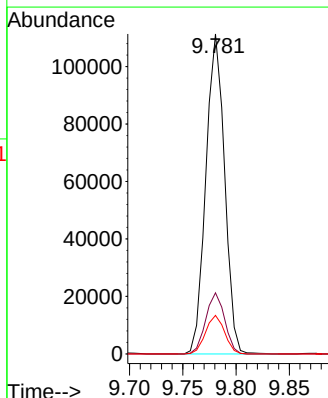
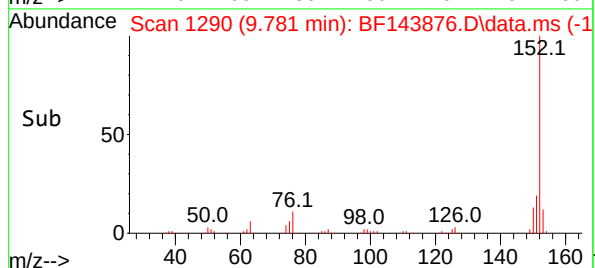
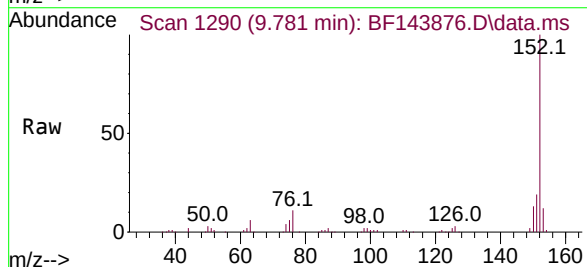
Manual Integrations  
APPROVED

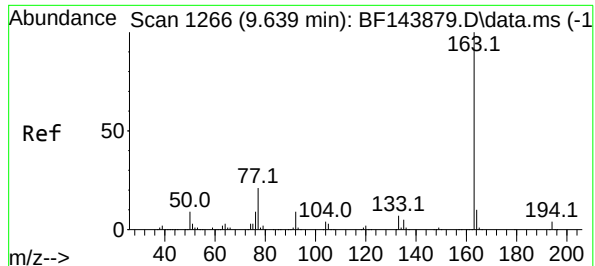
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

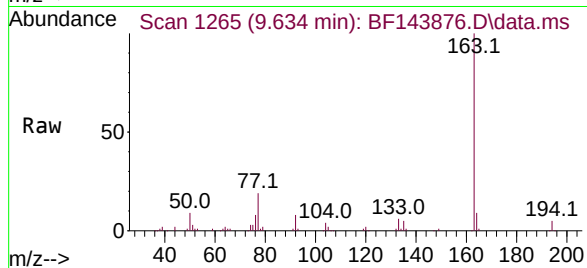
Tgt Ion:152 Resp: 136204  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.8 23.6  
153 12.0 10.5 15.7





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

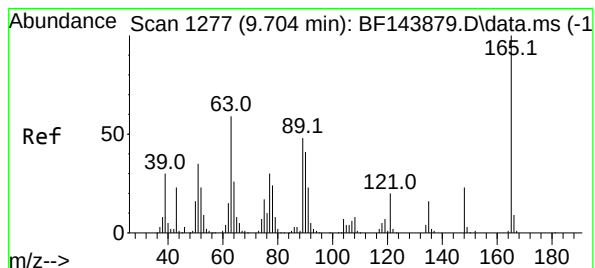
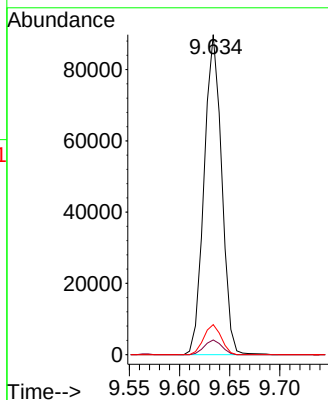
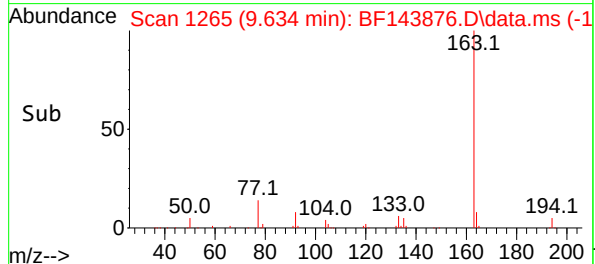
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

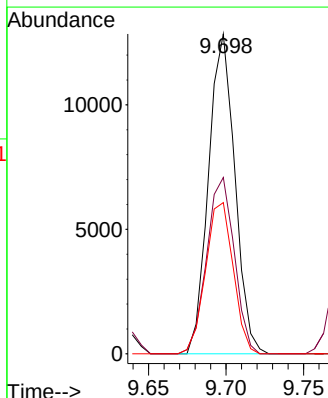
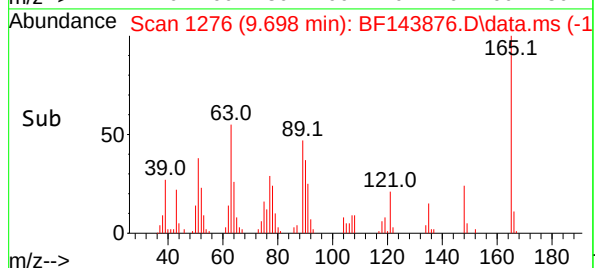
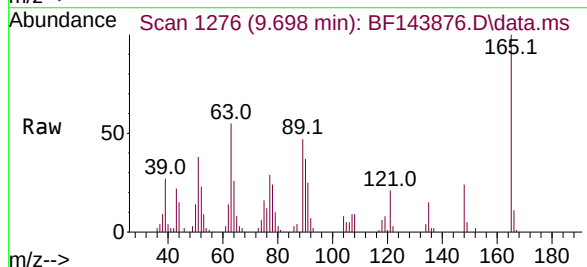
Manual Integrations  
APPROVED

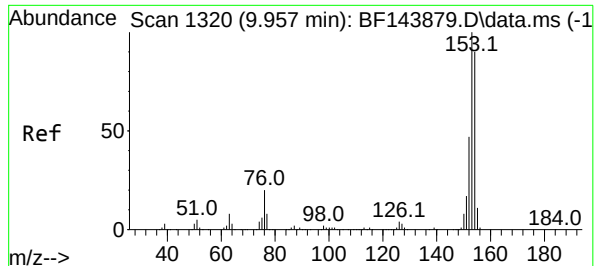
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

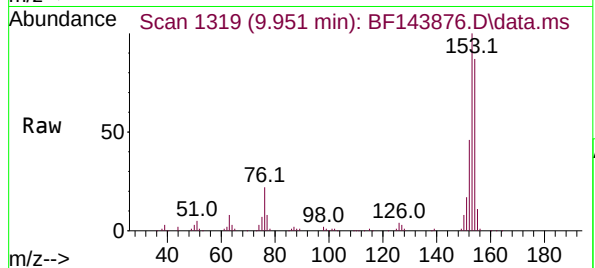
Tgt Ion:165 Resp: 15228  
Ion Ratio Lower Upper  
165 100  
63 55.1 47.3 70.9  
89 47.3 38.2 57.4





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

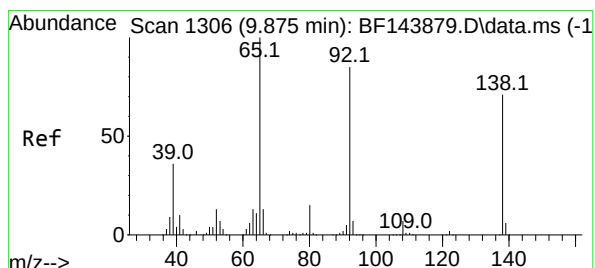
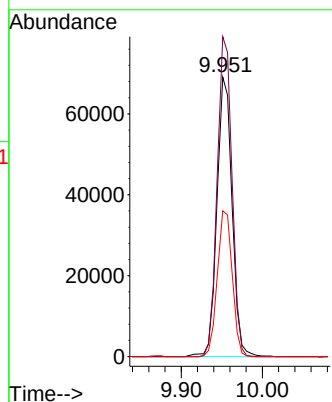
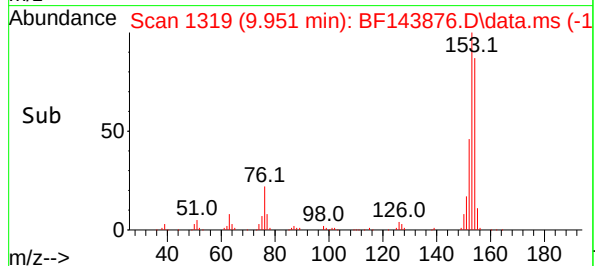
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

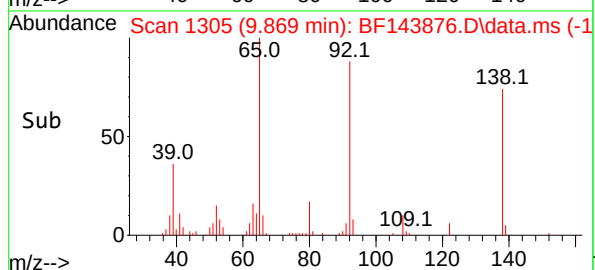
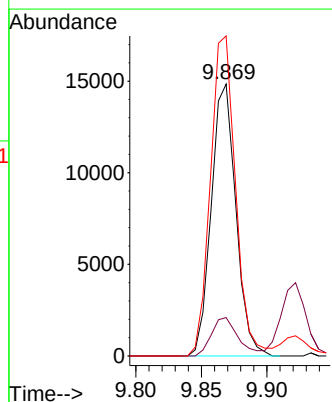
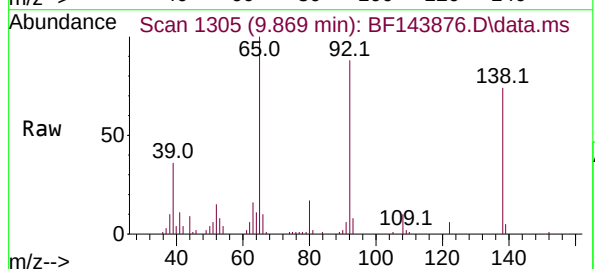
Manual Integrations  
APPROVED

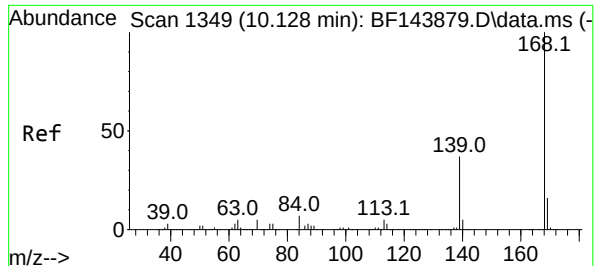
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#55

Dibenzenofuran

Concen: 5.852 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143876.D

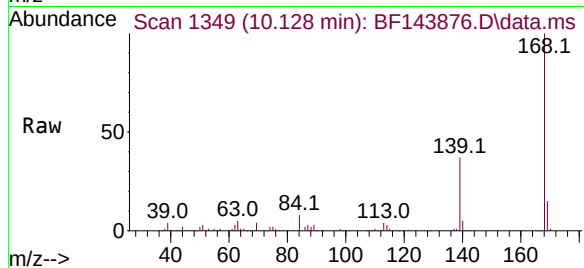
Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005



Tgt Ion:168 Resp: 127374

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

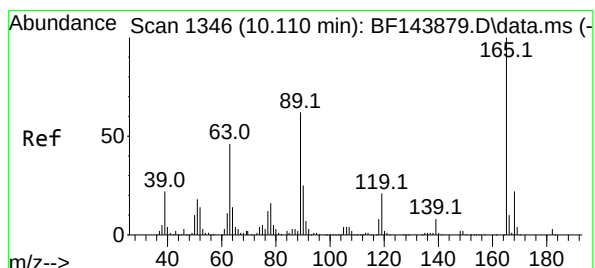
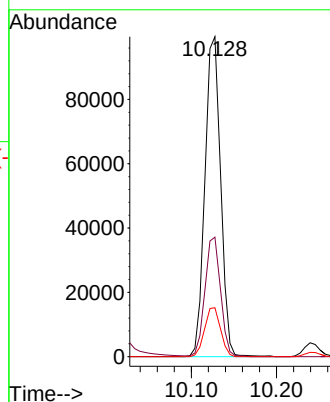
169 15.3 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#57

2,4-Dinitrotoluene

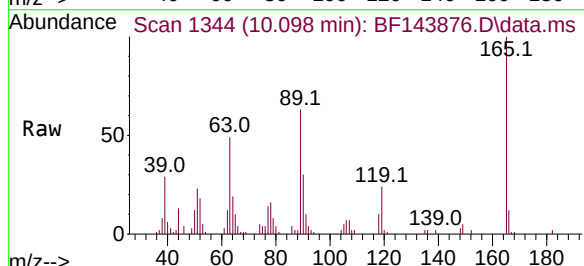
Concen: 3.932 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28



Tgt Ion:165 Resp: 19103

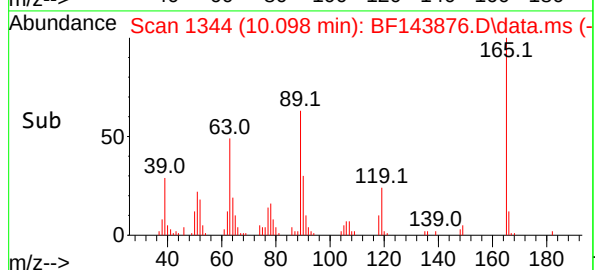
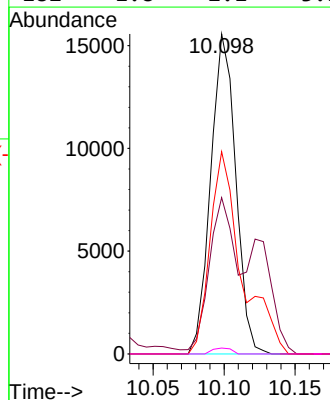
Ion Ratio Lower Upper

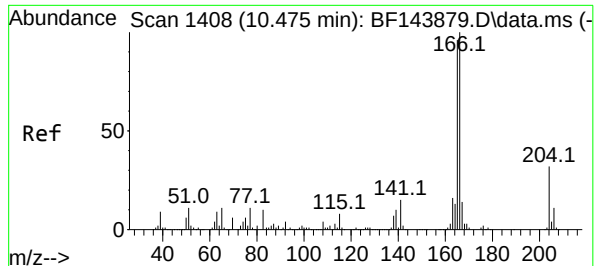
165 100

63 48.8 37.2 55.8

89 63.2 49.4 74.2

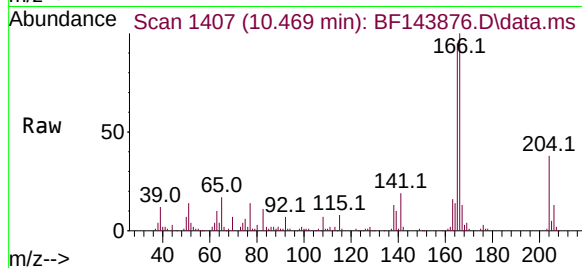
182 1.8 2.1 3.1#





#58  
Fluorene  
Concen: 6.430 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

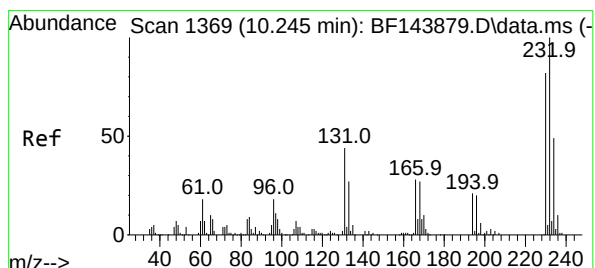
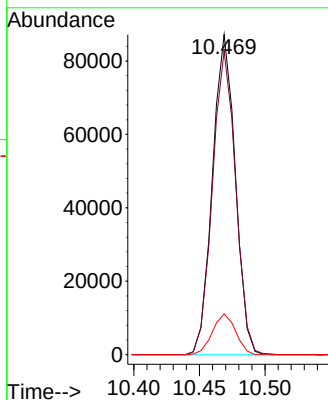
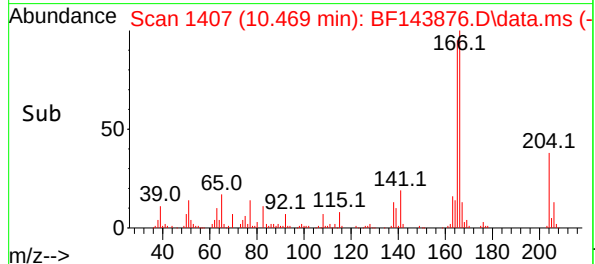
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



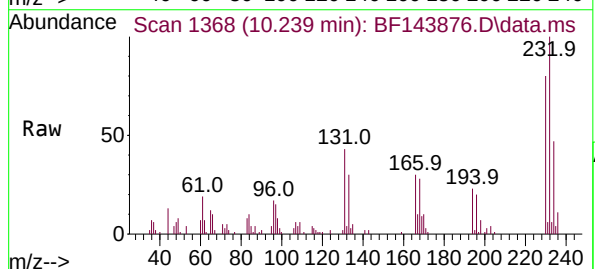
Tgt Ion:166 Resp: 105607  
Ion Ratio Lower Upper  
166 100  
165 94.8 77.0 115.6  
167 12.7 11.1 16.7

Manual Integrations  
APPROVED

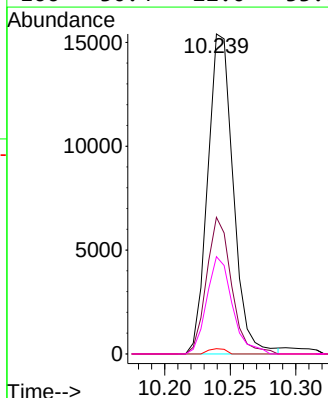
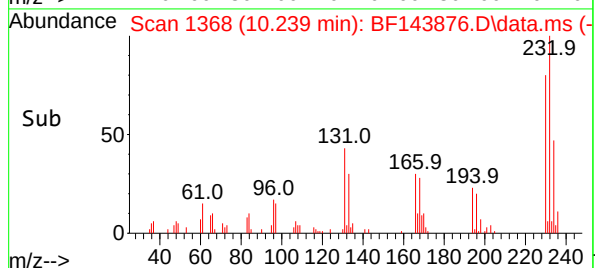
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

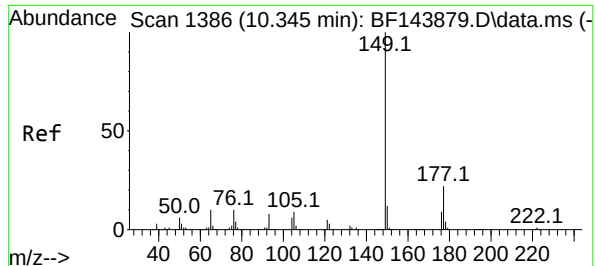


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.560 ng  
RT: 10.239 min Scan# 1368  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



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





#60

Diethylphthalate

Concen: 5.590 ng

RT: 10.339 min Scan# 1386

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 100010

Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

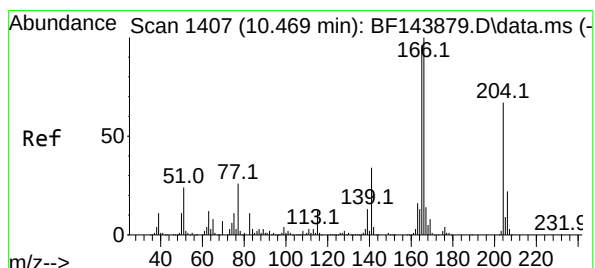
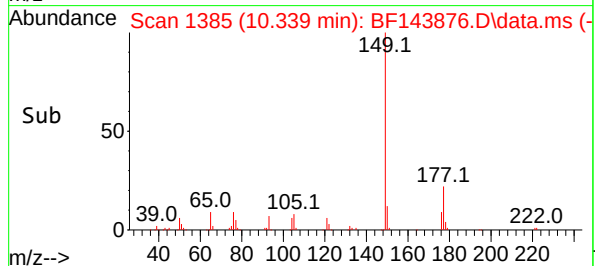
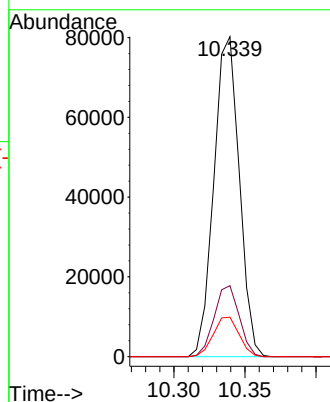
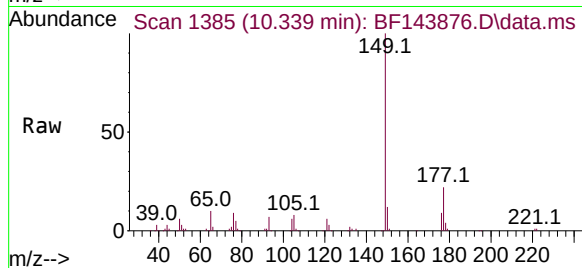
150 12.3 9.8 14.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#61

4-Chlorophenyl-phenylether

Concen: 6.011 ng

RT: 10.463 min Scan# 1406

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

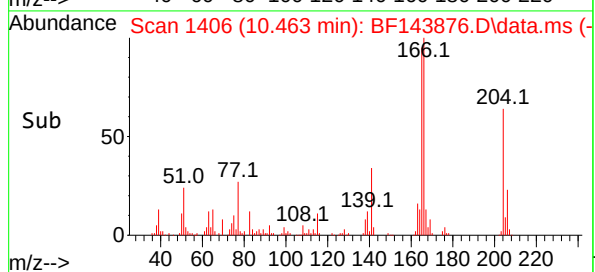
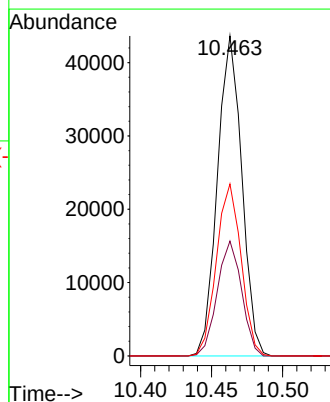
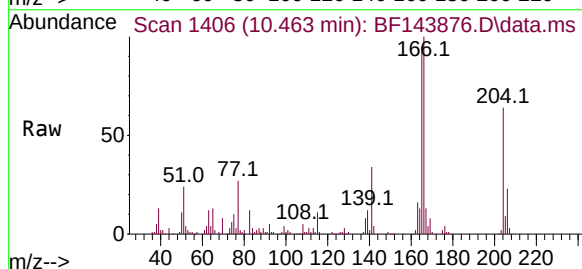
Tgt Ion:204 Resp: 52199

Ion Ratio Lower Upper

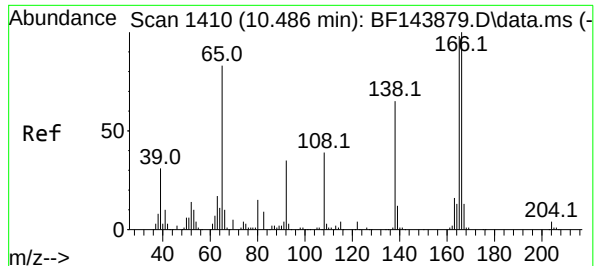
204 100

206 35.9 26.6 40.0

141 53.7 40.4 60.6

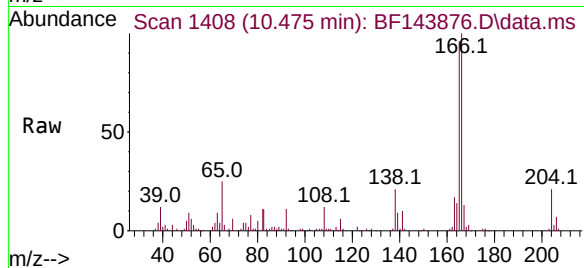






#62  
4-Nitroaniline  
Concen: 4.625 ng  
RT: 10.475 min Scan# 1410  
Delta R.T. -0.035 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

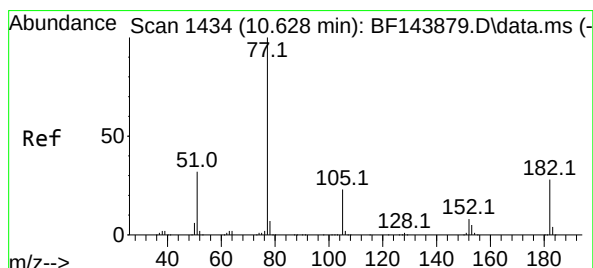
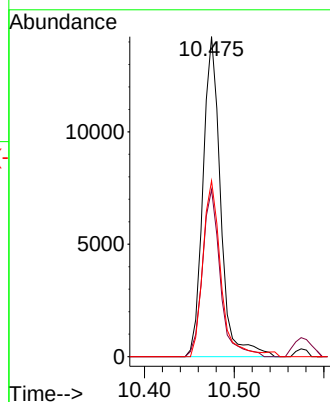
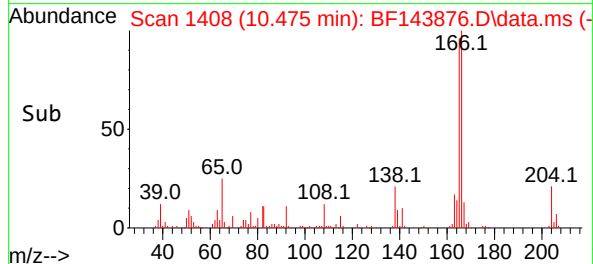
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

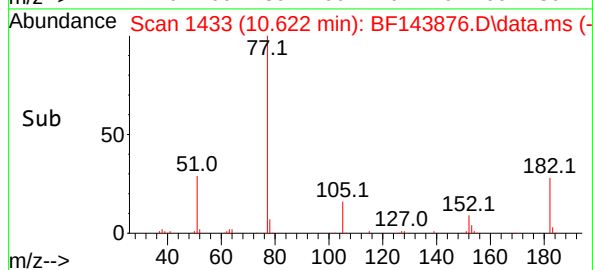
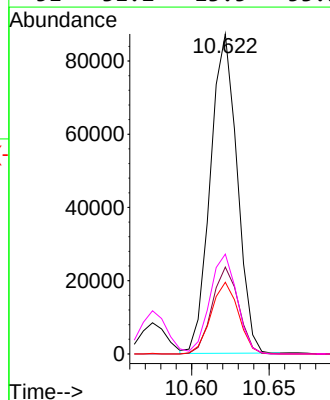
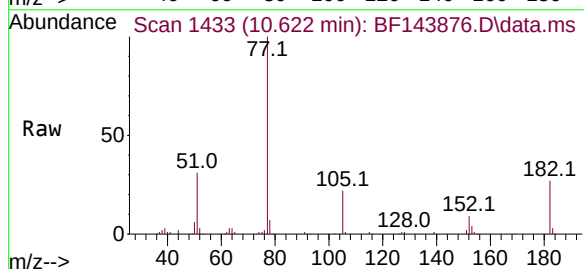
Manual Integrations  
APPROVED

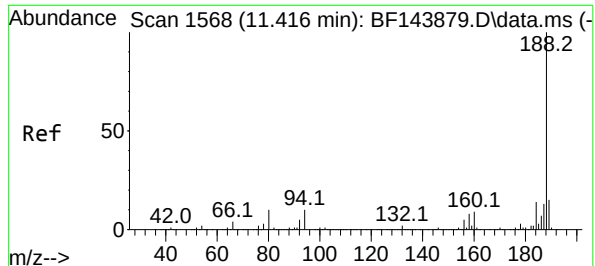
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

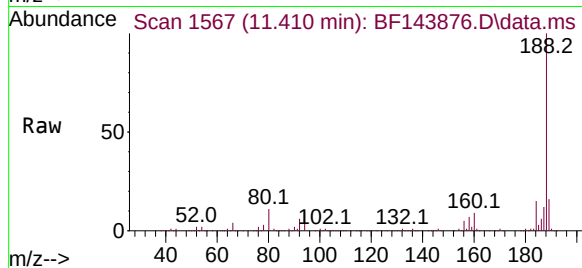
Tgt Ion: 77 Resp: 105174  
Ion Ratio Lower Upper  
77 100  
182 27.1 7.3 47.3  
105 22.4 3.0 43.0  
51 31.2 13.5 53.5





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

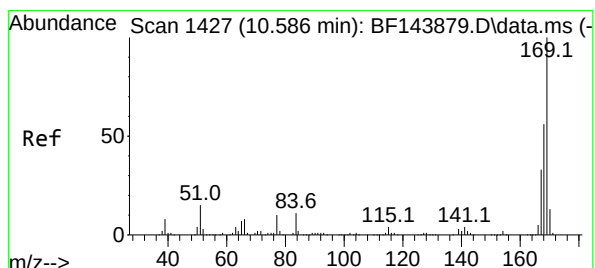
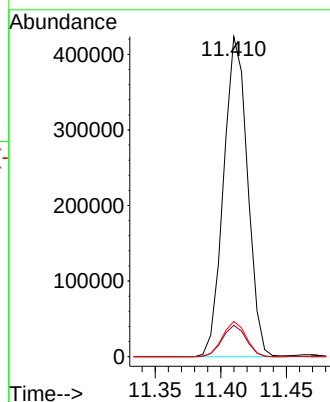
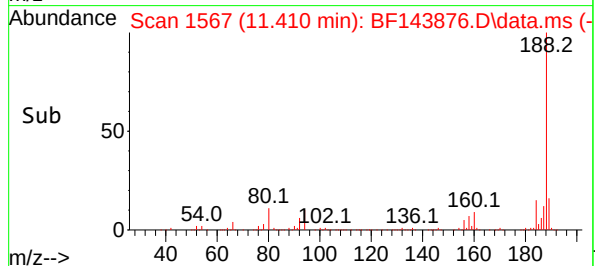
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



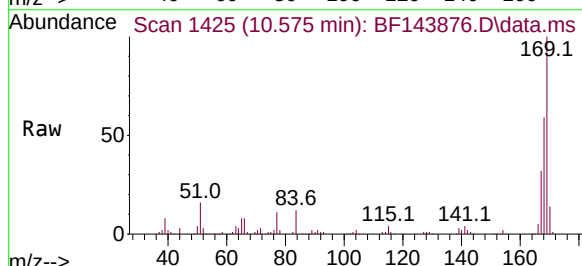
Tgt Ion:188 Resp: 538298  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.8 11.6  
80 11.0 7.9 11.9

Manual Integrations  
APPROVED

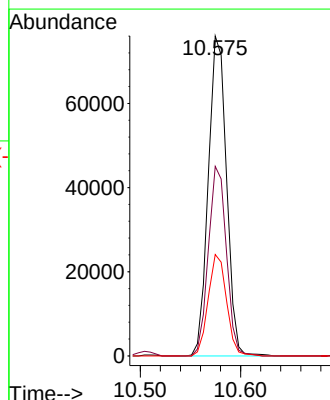
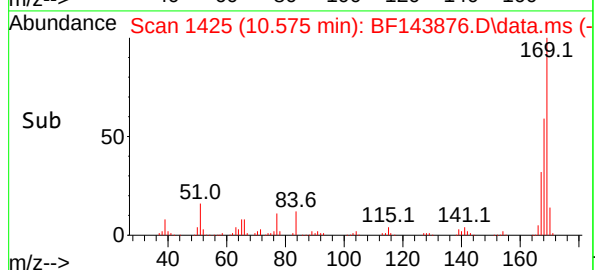
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

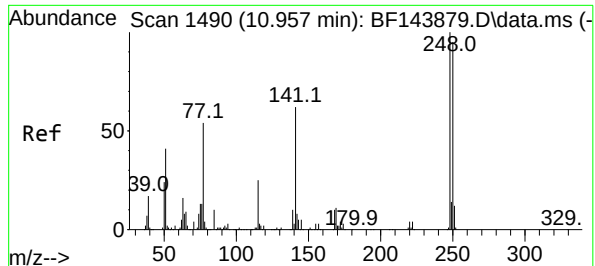


#66  
n-Nitrosodiphenylamine  
Concen: 5.671 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



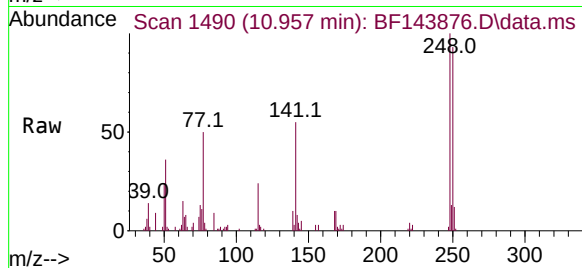
Tgt Ion:169 Resp: 95847  
Ion Ratio Lower Upper  
169 100  
168 59.2 44.9 67.3  
167 31.7 26.3 39.5





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

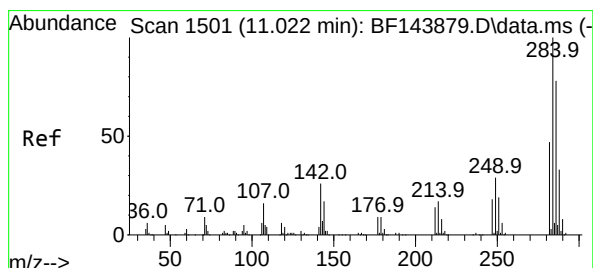
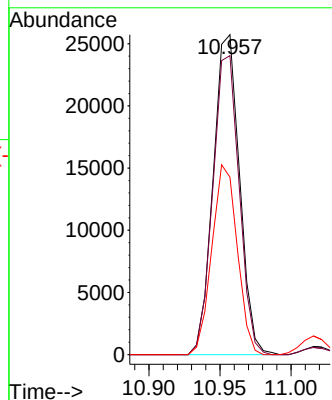
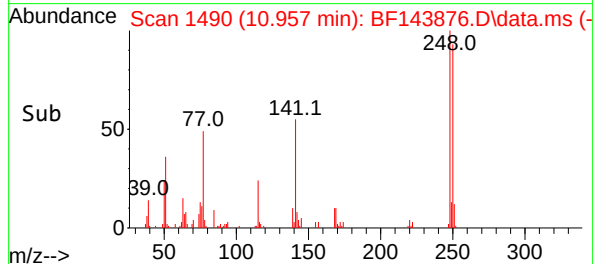
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



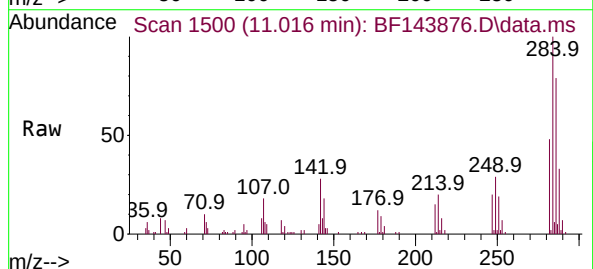
Tgt Ion:248 Resp: 33236  
Ion Ratio Lower Upper  
248 100  
250 93.4 76.3 114.5  
141 55.4 49.7 74.5

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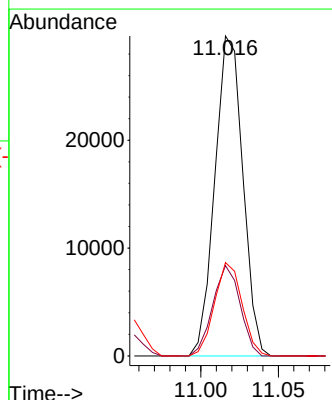
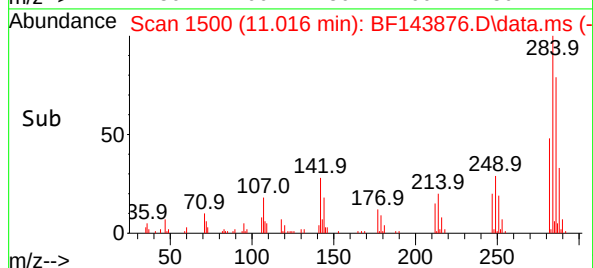
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

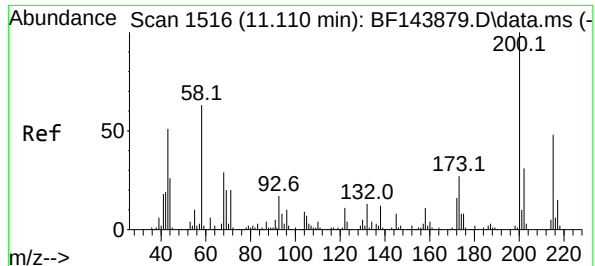


#68  
Hexachlorobenzene  
Concen: 5.406 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



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





#69

Atrazine

Concen: 5.174 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 2650

Ion Ratio Lower Upper

200 100

173 30.3 7.0 47.0

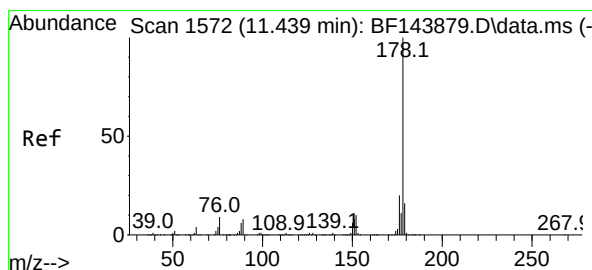
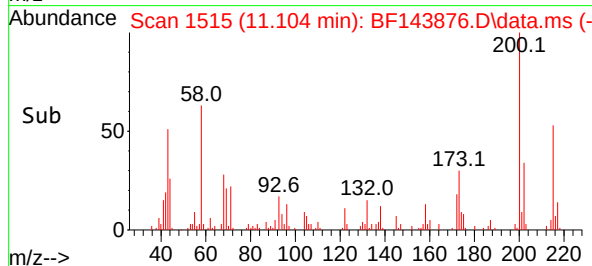
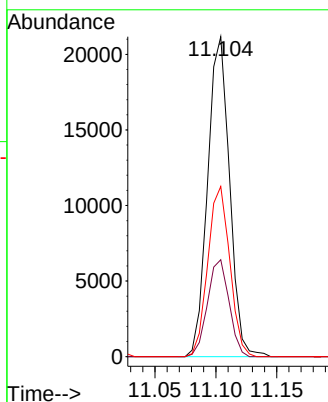
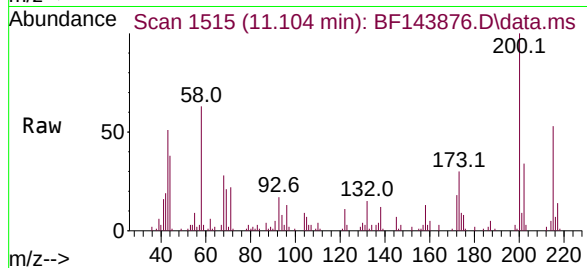
215 53.2 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#71

Phenanthrene

Concen: 6.004 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

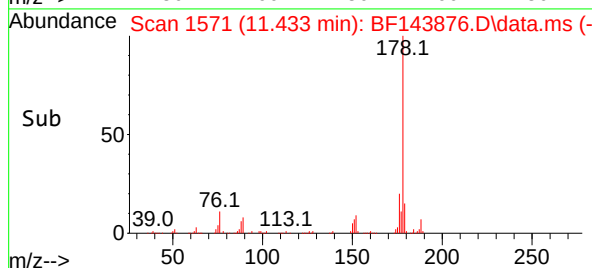
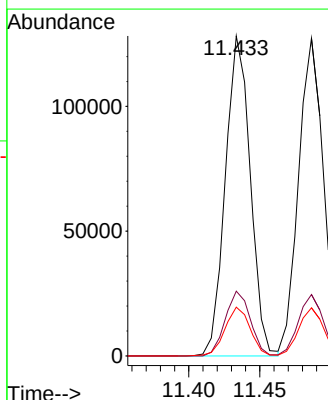
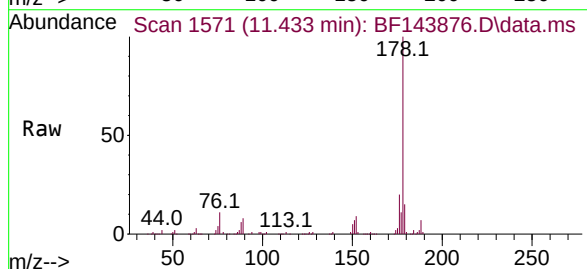
Tgt Ion:178 Resp: 156676

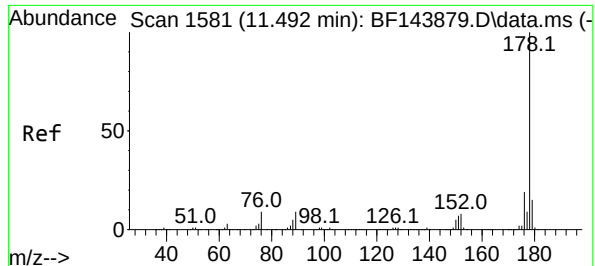
Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

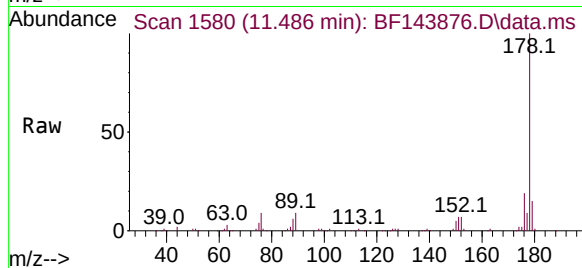
179 15.2 12.4 18.6





#72  
Anthracene  
Concen: 5.928 ng  
RT: 11.486 min Scan# 1581  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

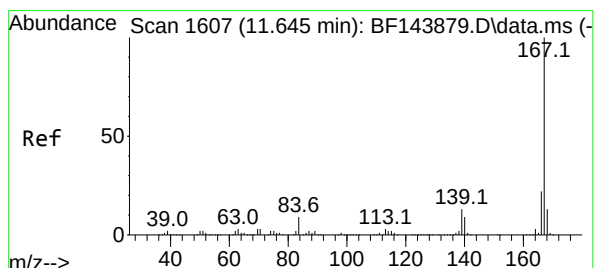
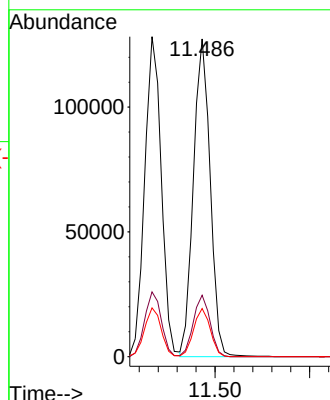
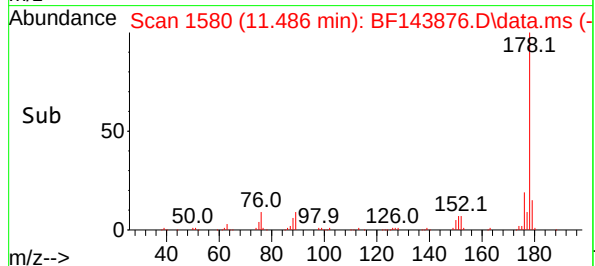
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:178 Resp: 156289  
Ion Ratio Lower Upper  
178 100  
176 19.3 14.9 22.3  
179 15.1 12.2 18.2

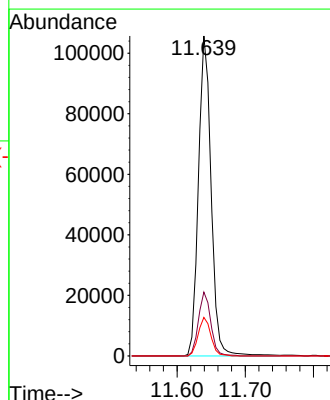
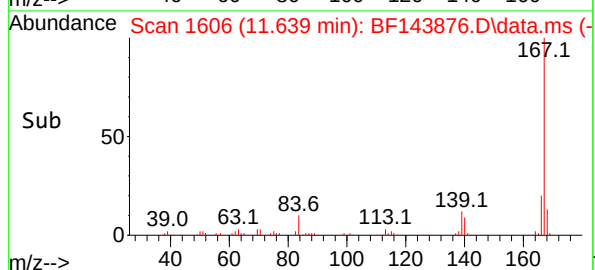
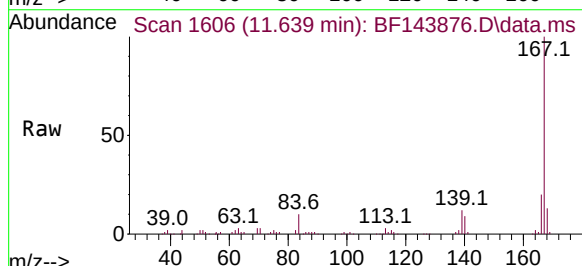
Manual Integrations  
APPROVED

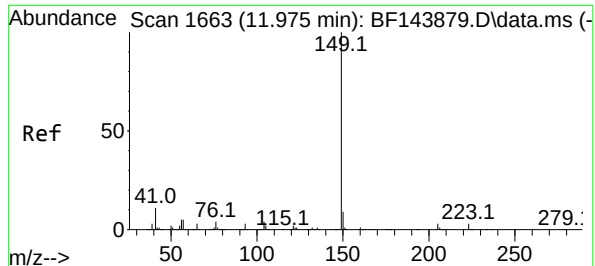
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#73  
Carbazole  
Concen: 5.850 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

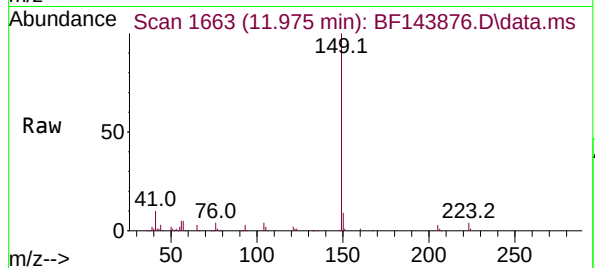
Tgt Ion:167 Resp: 136597  
Ion Ratio Lower Upper  
167 100  
166 19.9 17.2 25.8  
139 12.0 10.1 15.1





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

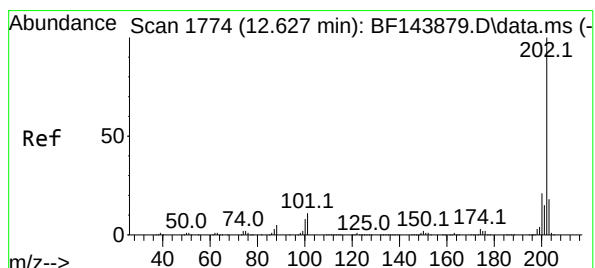
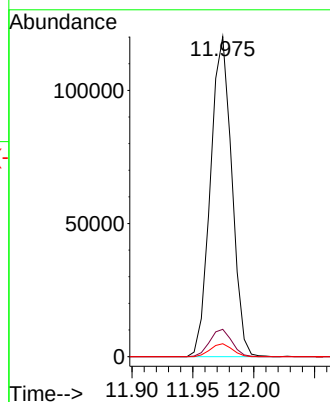
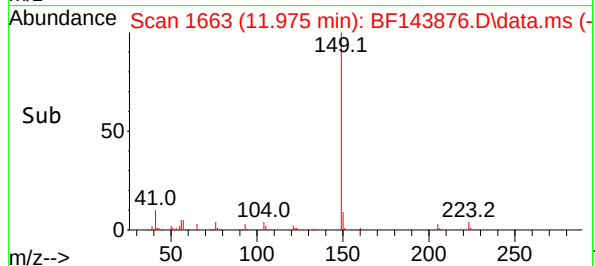
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

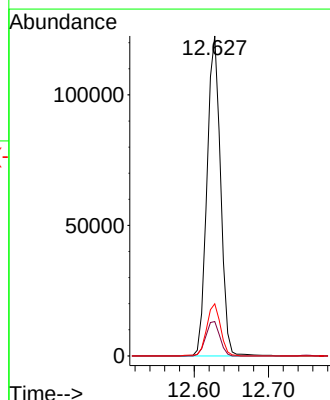
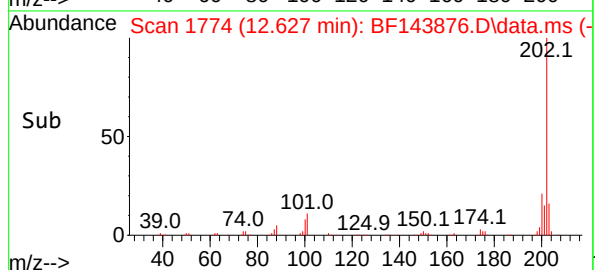
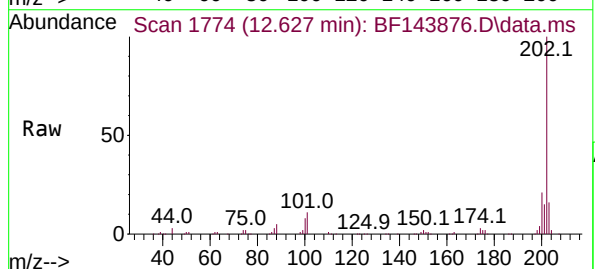
Manual Integrations  
APPROVED

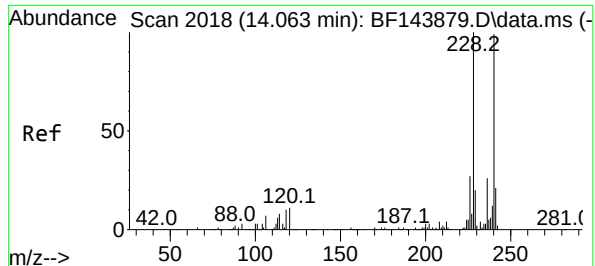
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

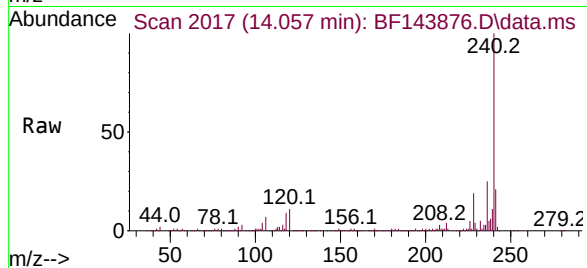
Tgt Ion:202 Resp: 155574  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 30.7  
203 16.3 0.0 37.8





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

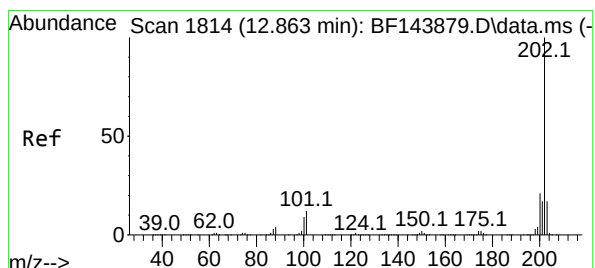
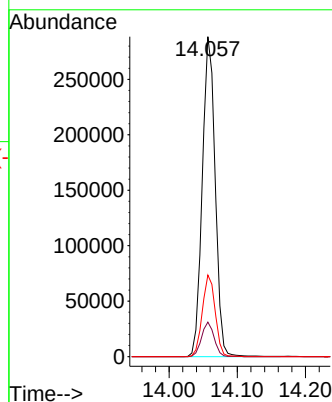
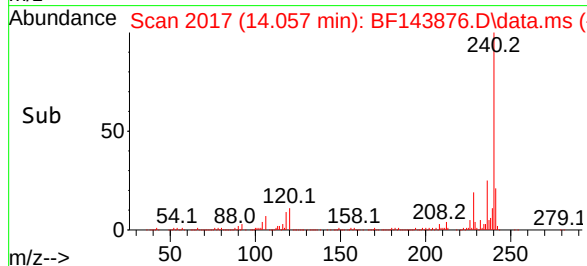
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

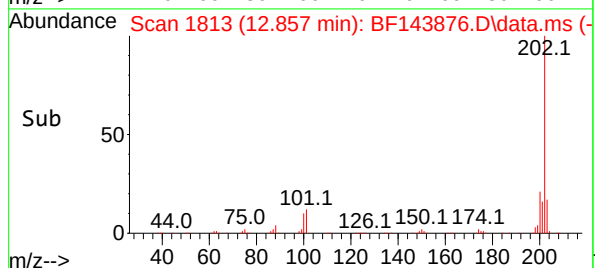
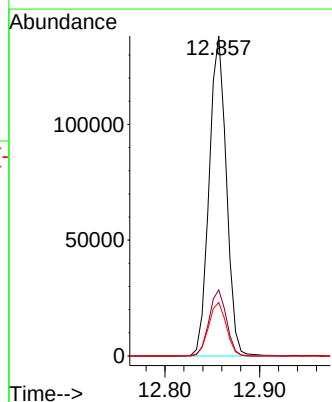
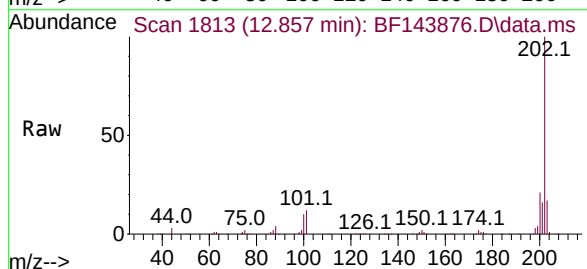
Manual Integrations  
APPROVED

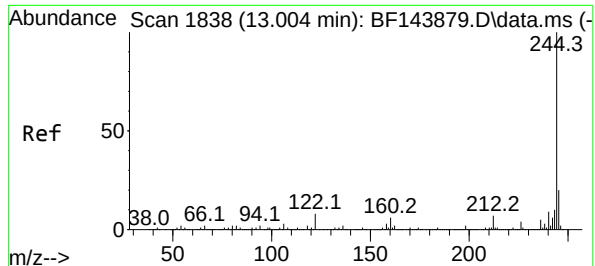
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





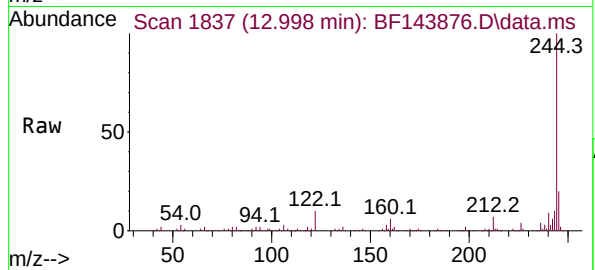
#79  
Terphenyl-d14  
Concen: 11.121 ng  
RT: 12.998 min Scan# 1837  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

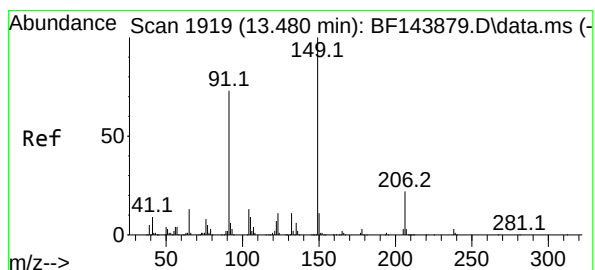
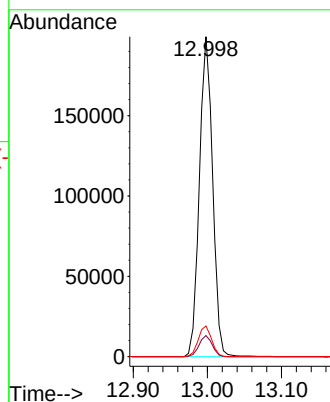
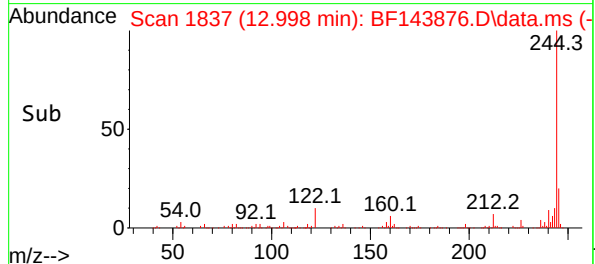


Tgt Ion:244 Resp: 247223  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.4 8.0  
122 9.6 6.4 9.6

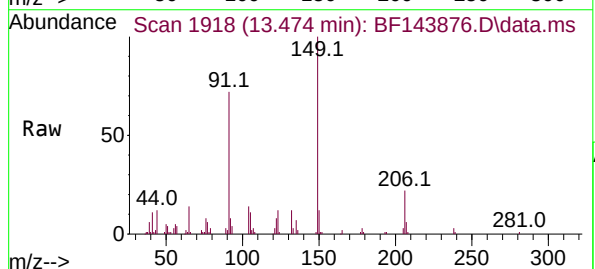
Manual Integrations

APPROVED

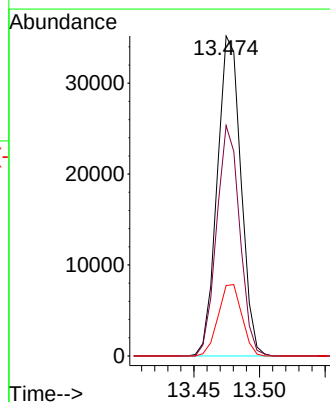
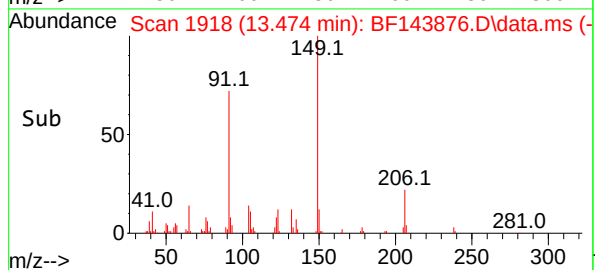
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



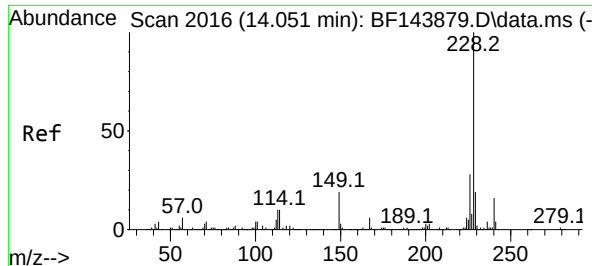
#80  
Butylbenzylphthalate  
Concen: 4.302 ng  
RT: 13.474 min Scan# 1918  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



Tgt Ion:149 Resp: 44252  
Ion Ratio Lower Upper  
149 100  
91 72.0 58.2 87.2  
206 22.0 17.9 26.9

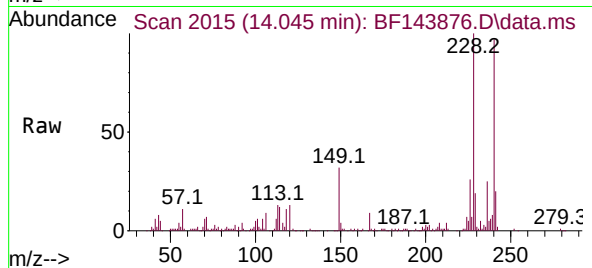






#81  
Benzo(a)anthracene  
Concen: 5.125 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

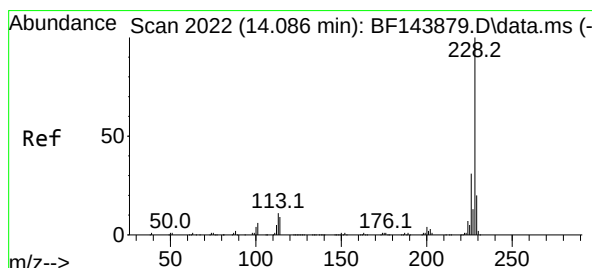
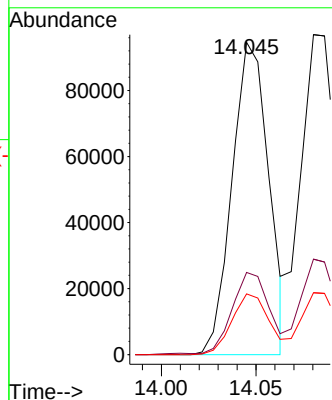
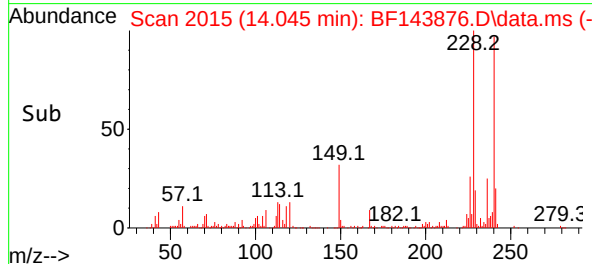
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

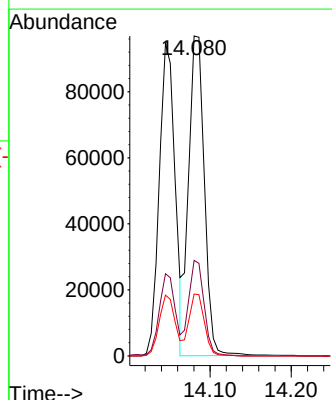
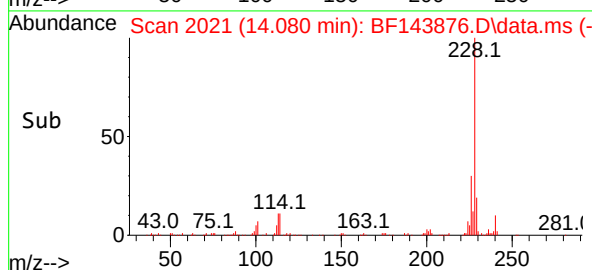
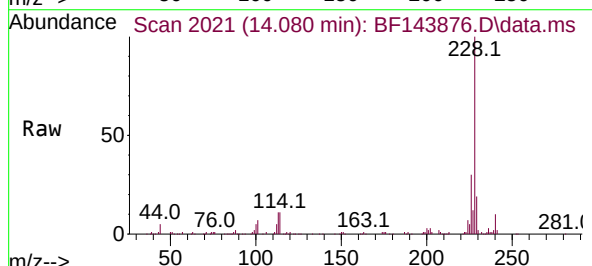
Manual Integrations  
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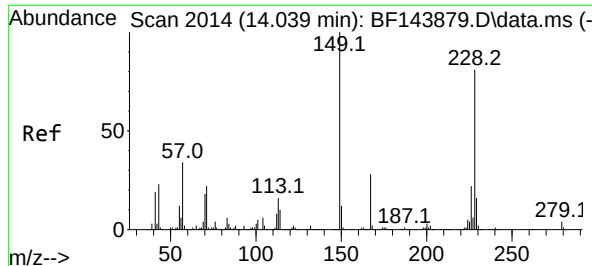
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

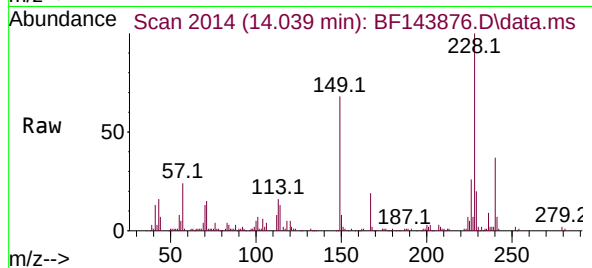
Tgt Ion:228 Resp: 130450  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.4 36.6  
229 19.3 15.9 23.9





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

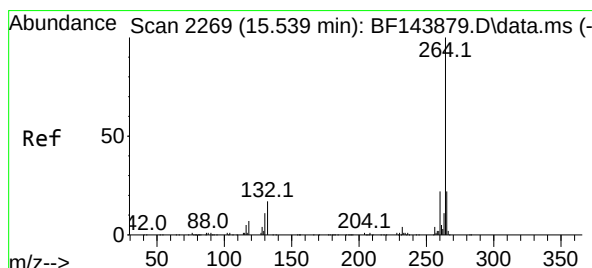
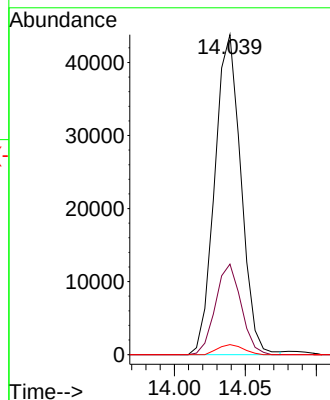
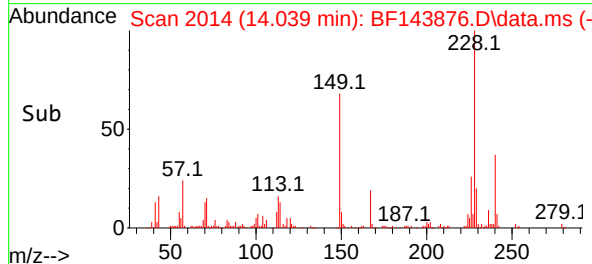
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



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

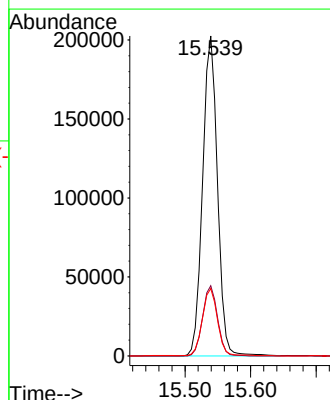
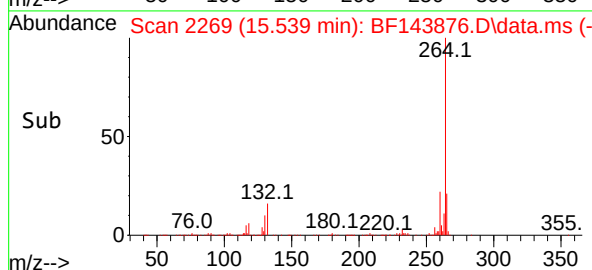
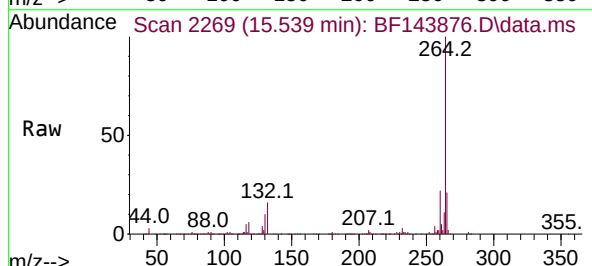
Manual Integrations  
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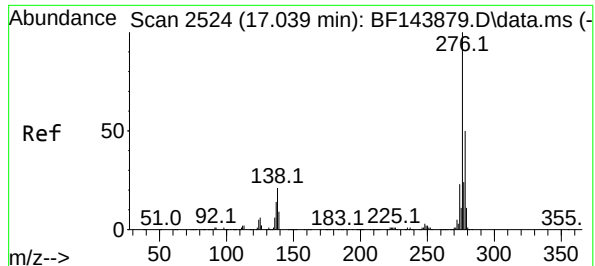
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.544 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 8832

Ion Ratio Lower Upper

276 100

138 26.7 18.2 27.2

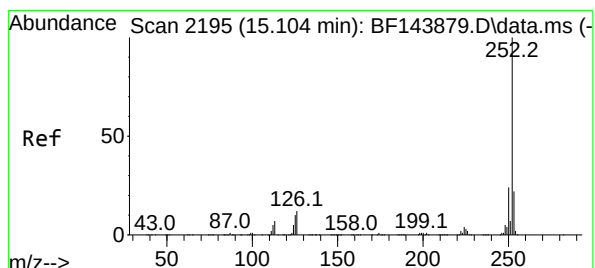
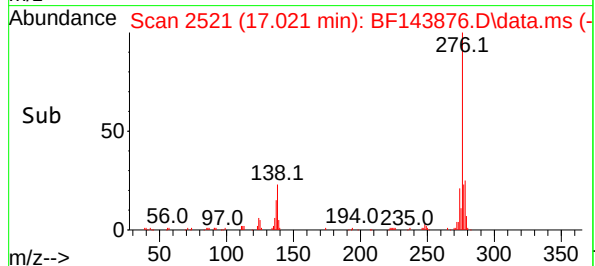
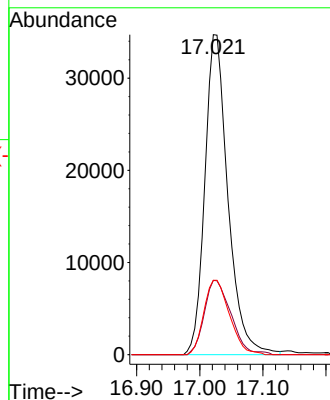
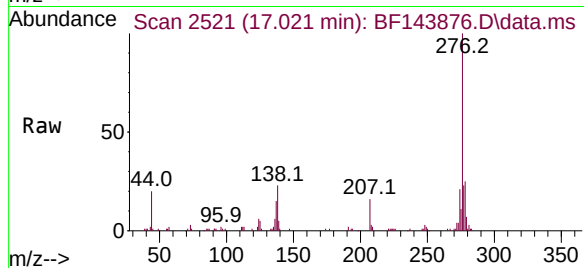
277 25.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 5.255 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

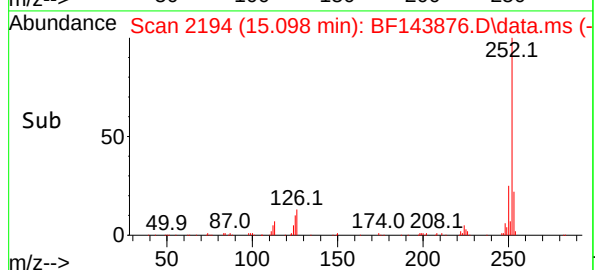
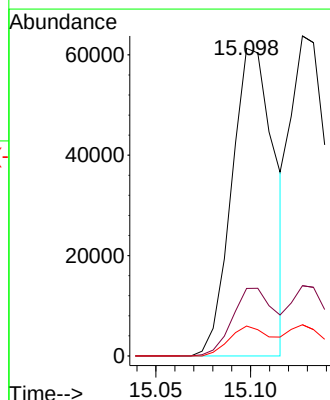
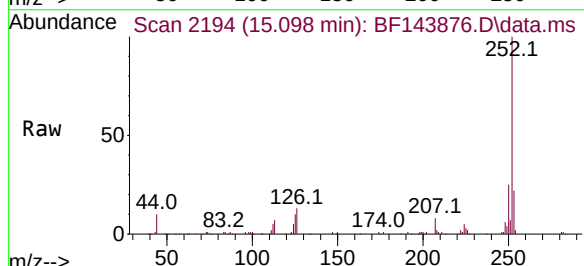
Tgt Ion:252 Resp: 95737

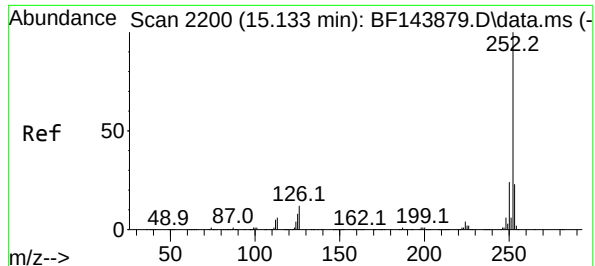
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 5.352 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

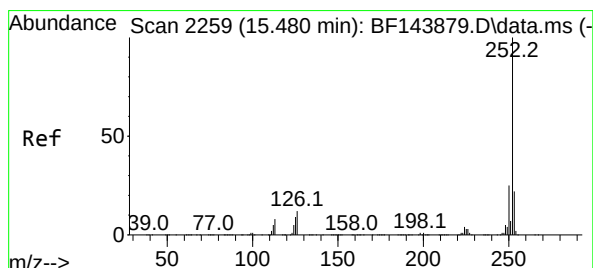
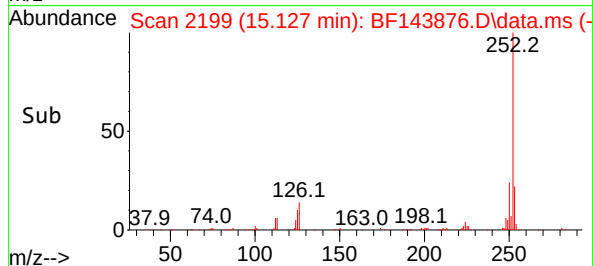
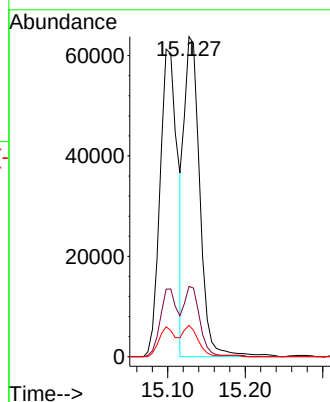
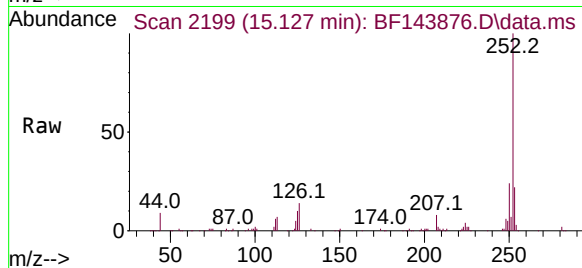
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 90226 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.9  | 17.8  | 26.8  |
| 125       | 9.7   | 7.4   | 11.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 5.018 ng

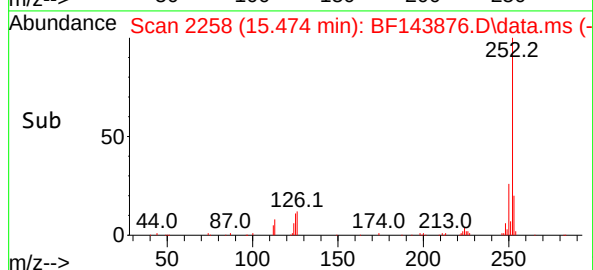
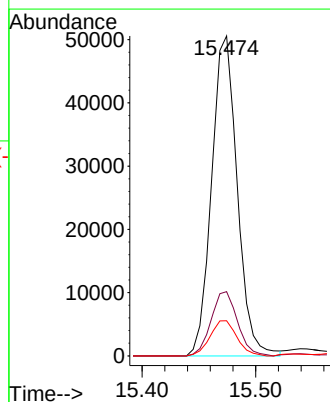
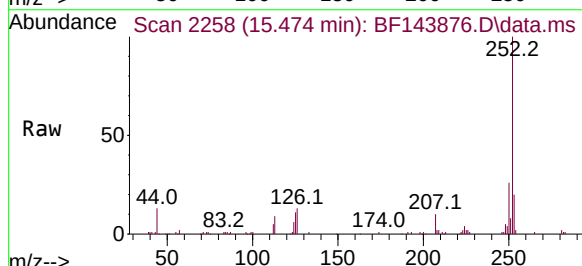
RT: 15.474 min Scan# 2258

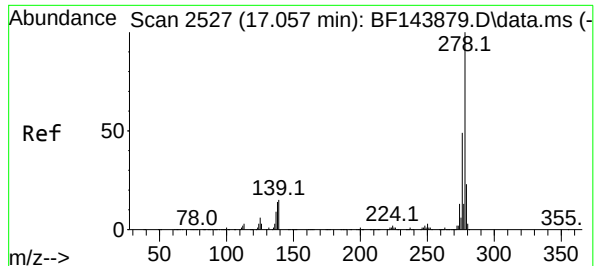
Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

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





#91

Dibenzo(a,h)anthracene

Concen: 4.507 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 70452

Ion Ratio Lower Upper

278 100

139 16.2 11.7 17.5

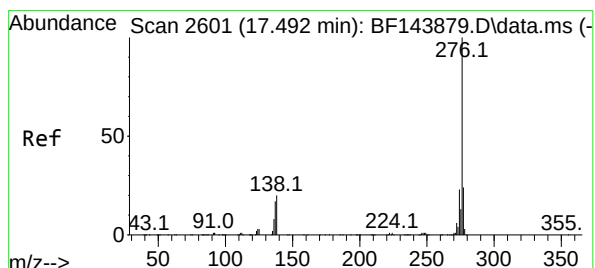
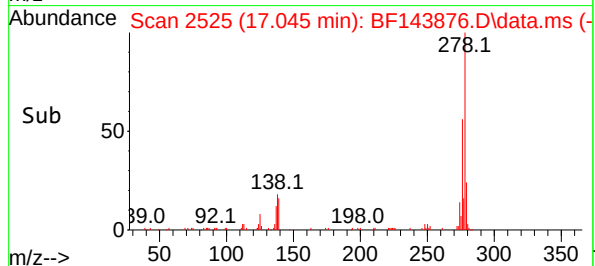
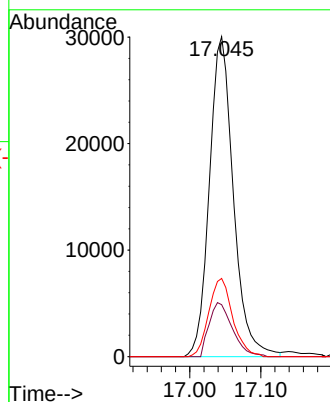
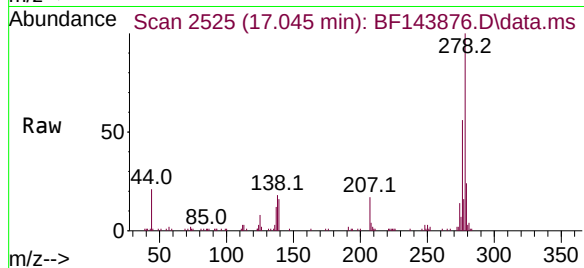
279 24.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#92

Benzo(g,h,i)perylene

Concen: 4.508 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

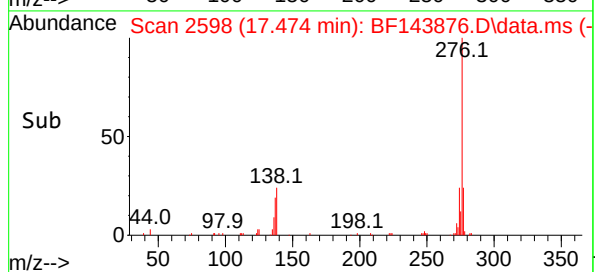
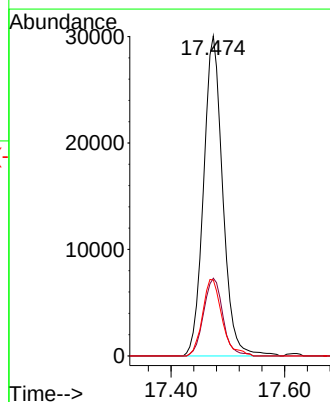
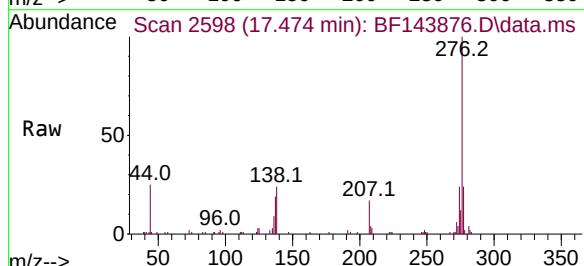
Tgt Ion:276 Resp: 70468

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 23.7 16.1 24.1



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

## Instrument :

BNA\_F

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

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

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

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

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

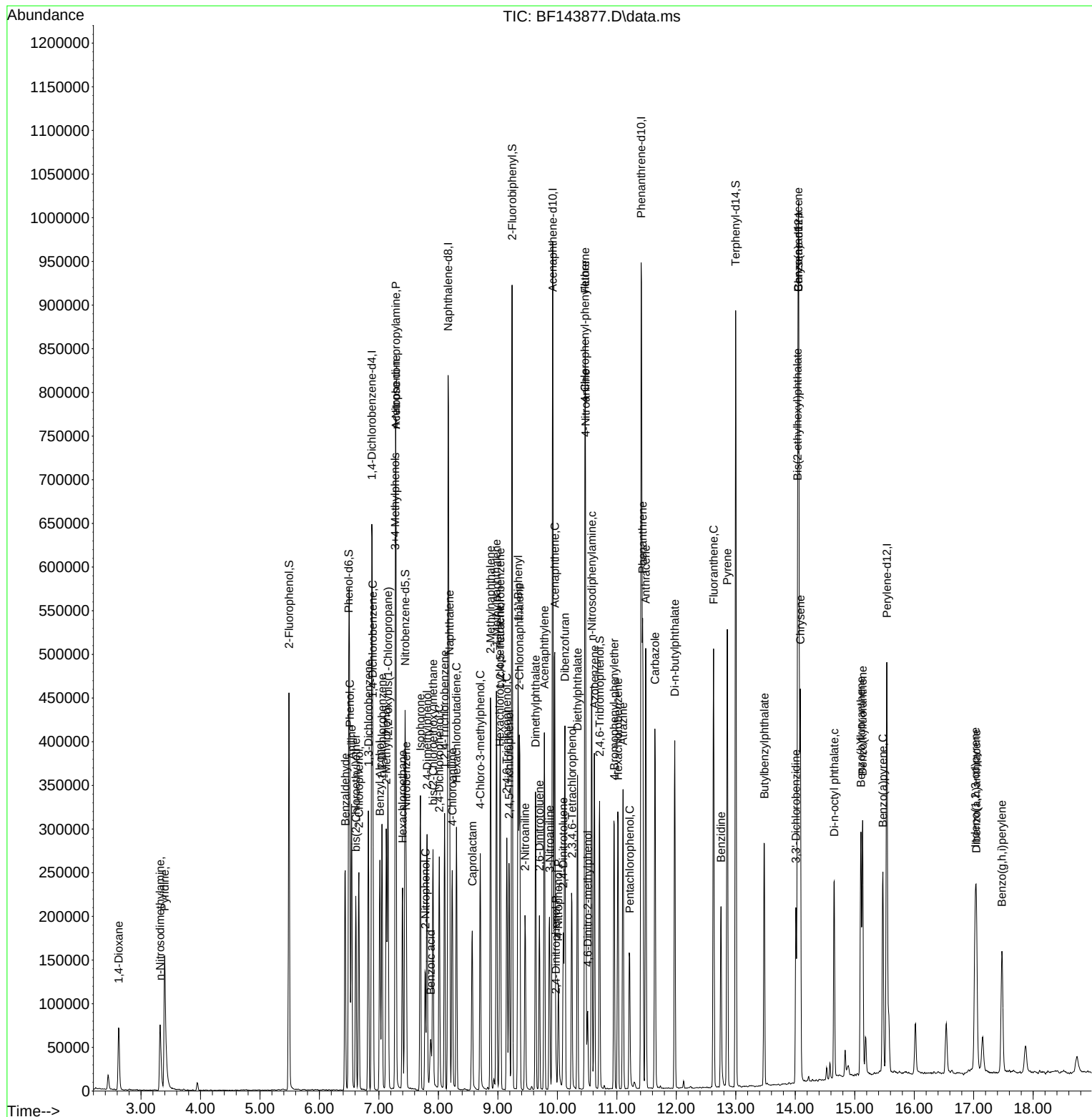
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\  
Data File : BF143877.D  
Acq On    : 06 Oct 2025  10:57  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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**Instrument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

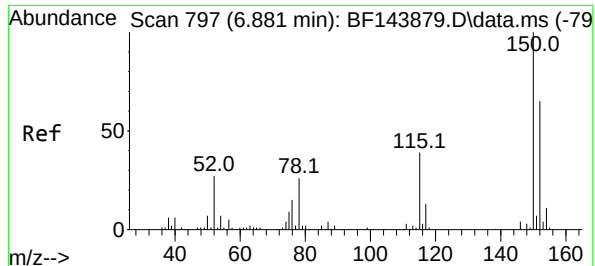
## Manual Integrations APPROVED

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

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

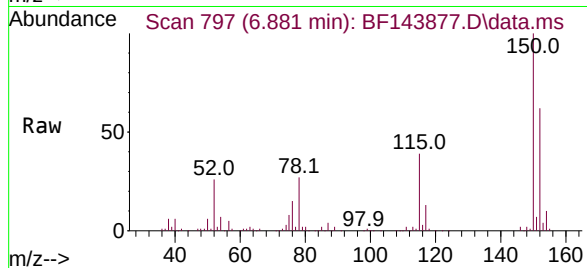






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

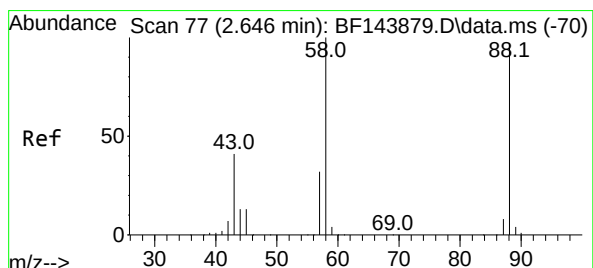
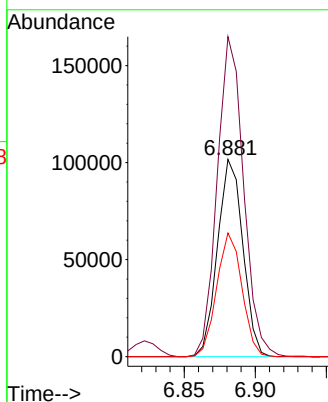
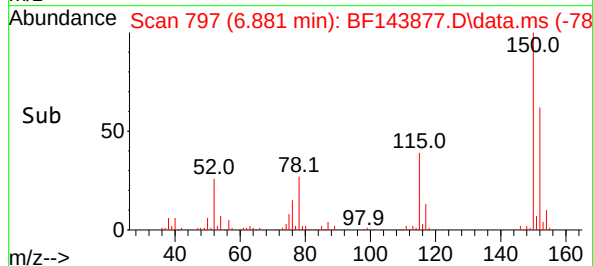
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

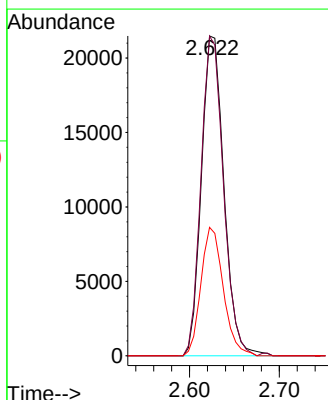
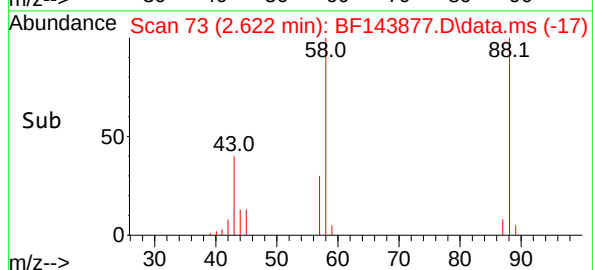
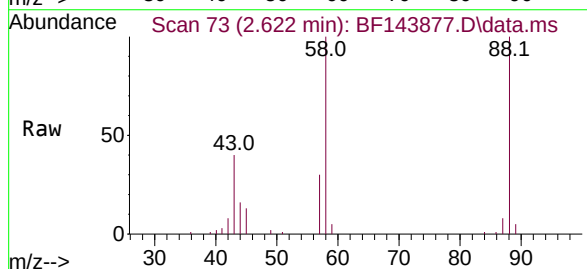
Manual Integrations  
APPROVED

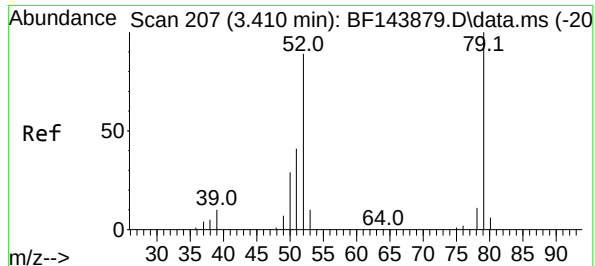
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#3

Pyridine

Concen: 9.856 ng

RT: 3.399 min Scan# 207

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 105800

Ion Ratio Lower Upper

79 100

52 88.4 71.5 107.3

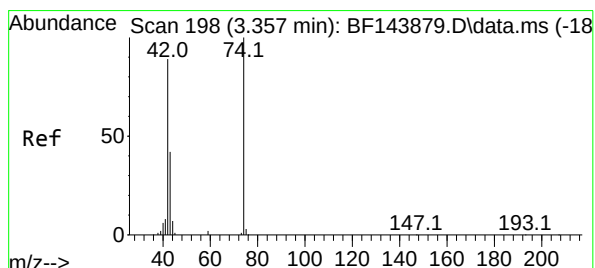
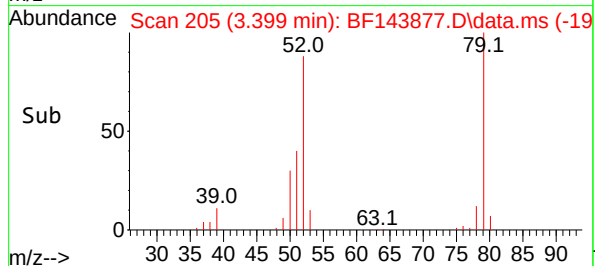
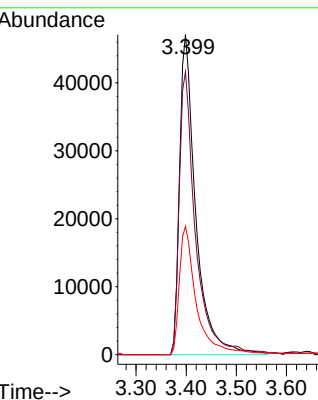
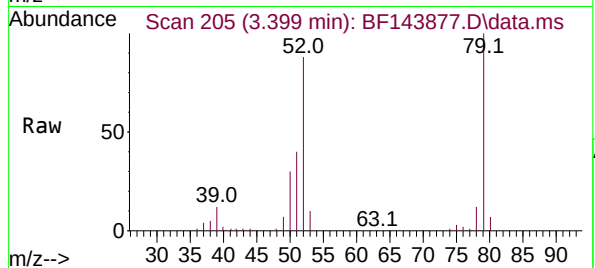
51 40.1 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 8.818 ng

RT: 3.322 min Scan# 192

Delta R.T. -0.065 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

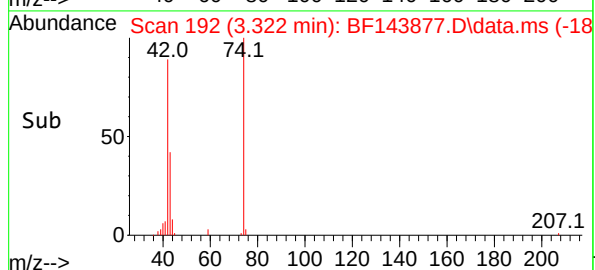
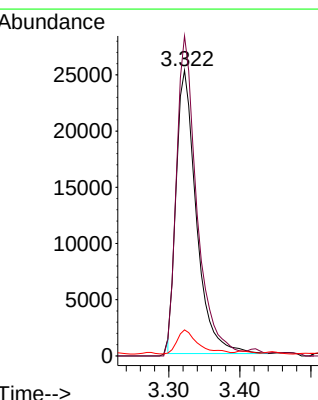
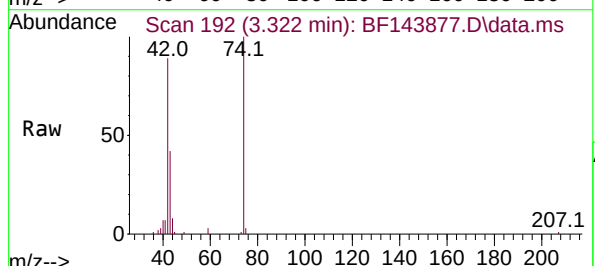
Tgt Ion: 42 Resp: 49793

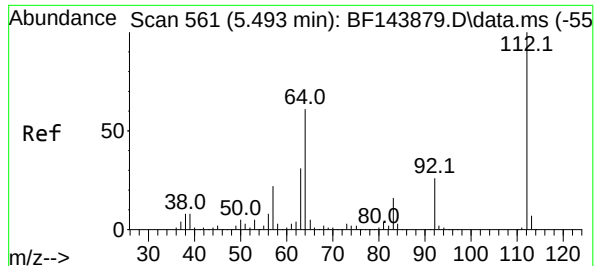
Ion Ratio Lower Upper

42 100

74 112.1 90.0 135.0

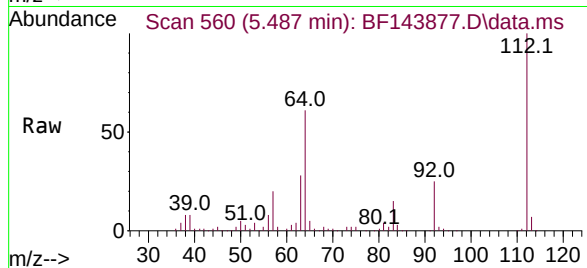
44 9.1 6.2 9.2





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

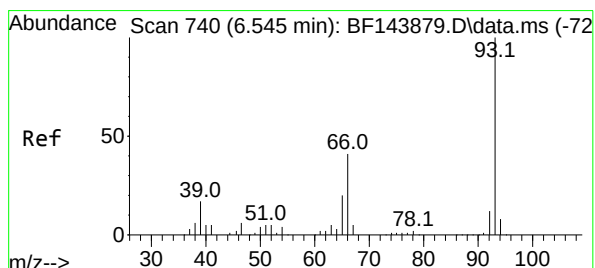
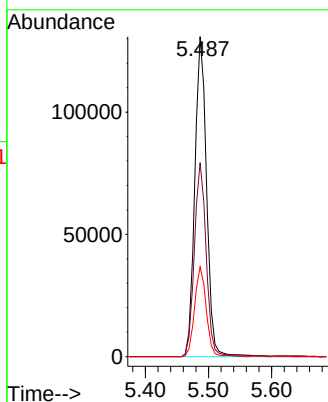
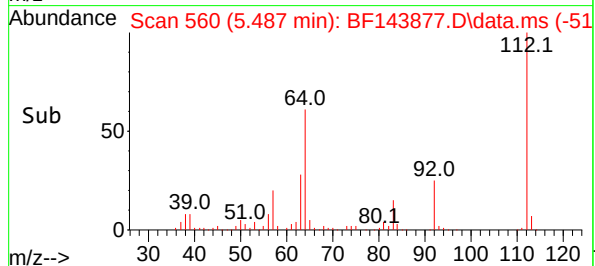
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:112 Resp: 170692  
Ion Ratio Lower Upper  
112 100  
64 60.6 49.1 73.7  
63 28.0 24.5 36.7

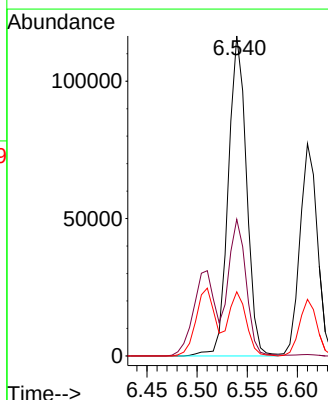
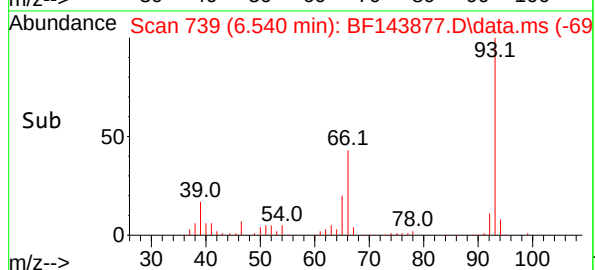
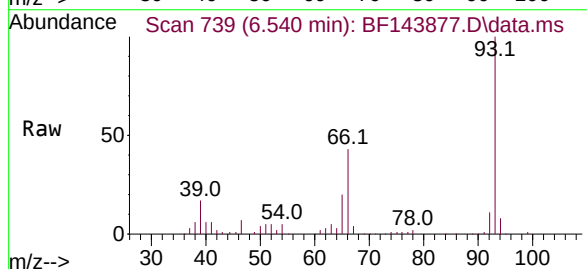
Manual Integrations  
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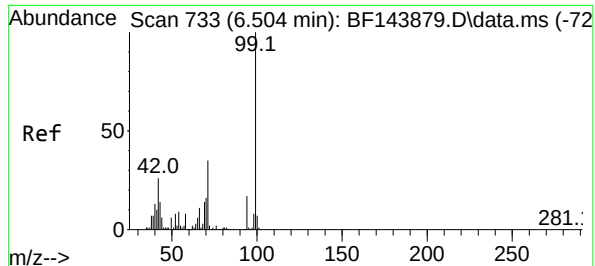
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

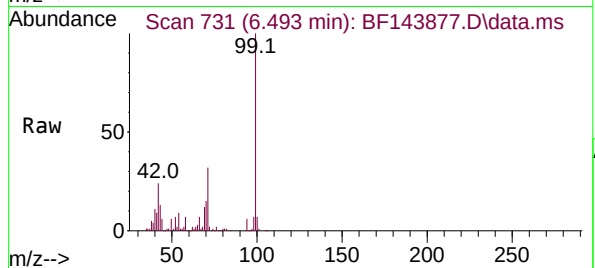
Tgt Ion: 93 Resp: 147222  
Ion Ratio Lower Upper  
93 100  
66 42.7 33.0 49.6  
65 20.0 15.8 23.8





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

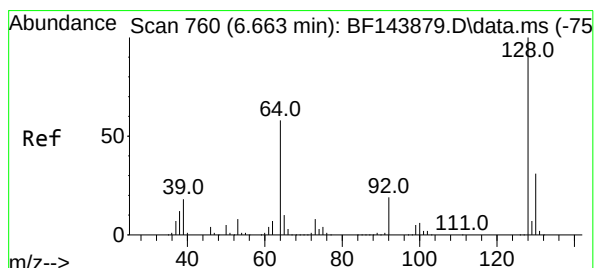
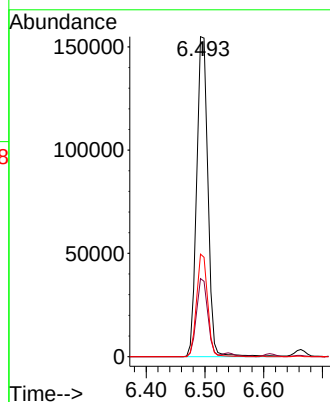
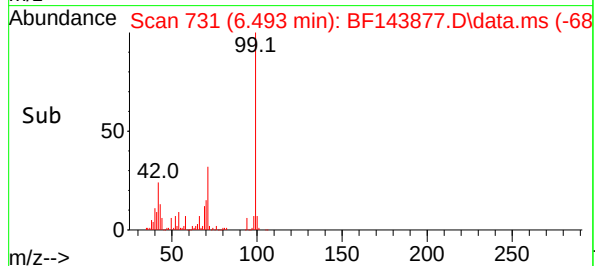
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

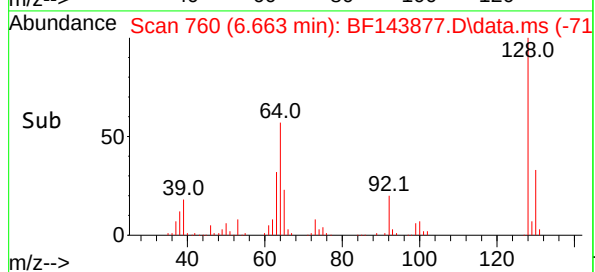
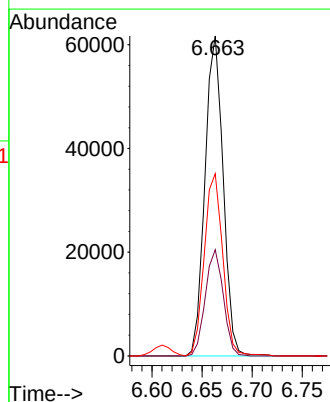
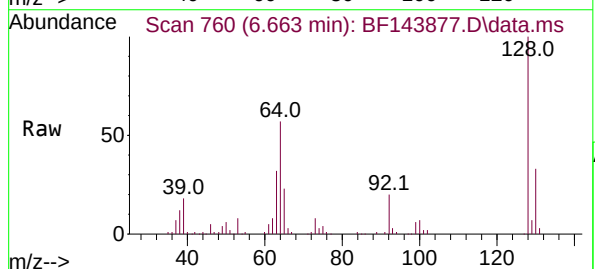
Manual Integrations  
APPROVED

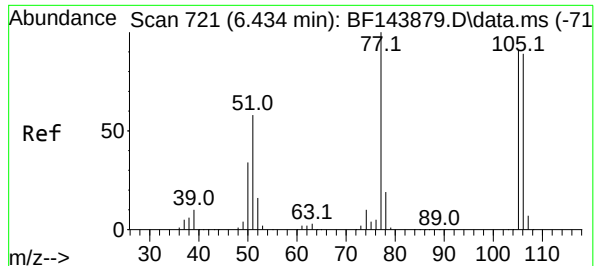
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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



#9  
Benzaldehyde

Concen: 9.629 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 70546

Ion Ratio Lower Upper

77 100

105 92.9 70.9 110.9

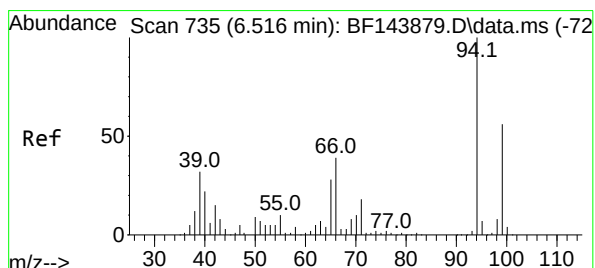
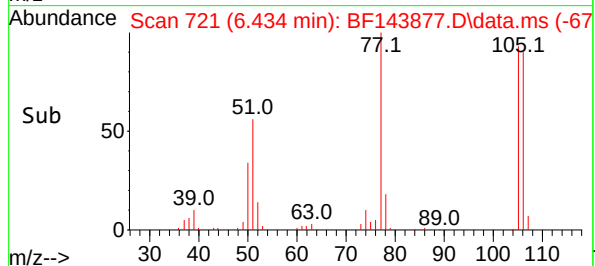
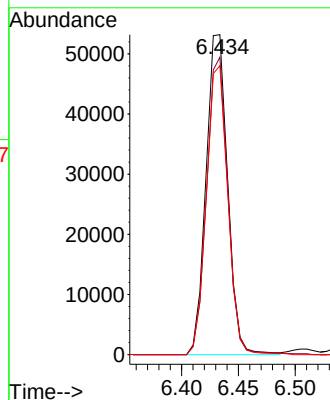
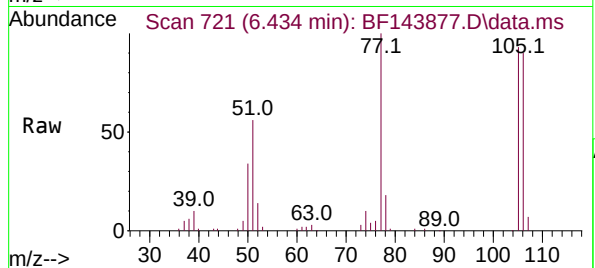
106 90.3 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 10.109 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

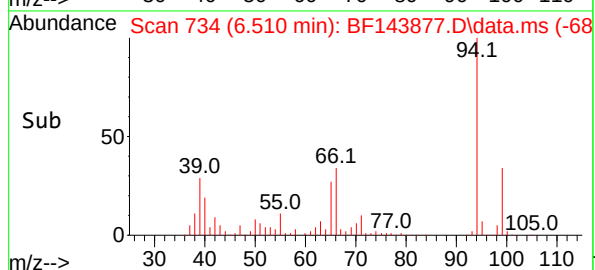
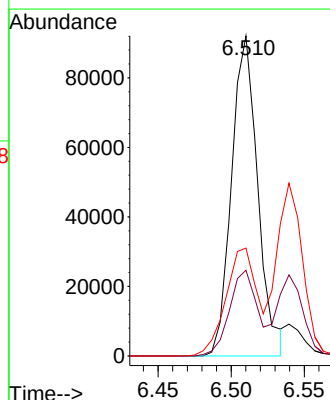
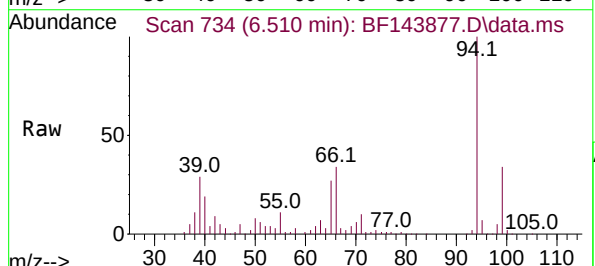
Tgt Ion: 94 Resp: 114780

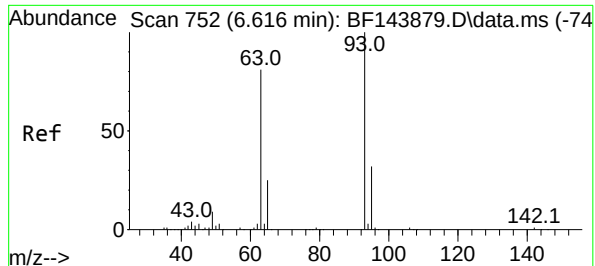
Ion Ratio Lower Upper

94 100

65 26.8 8.5 48.5

66 33.7 19.9 59.9





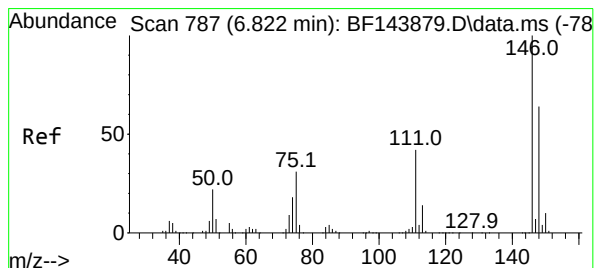
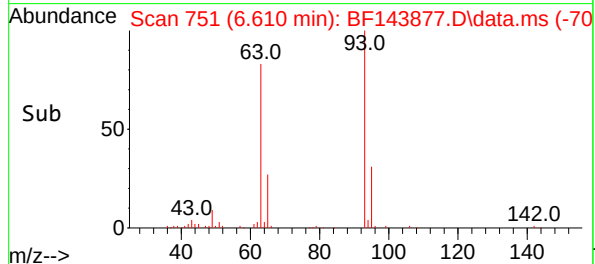
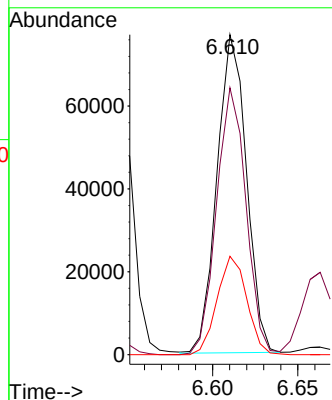
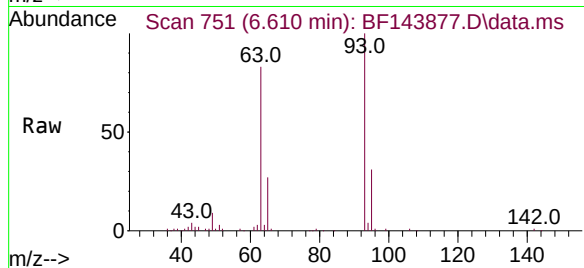
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bis(2-Chloroethyl)ether  
Concen: 10.513 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

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

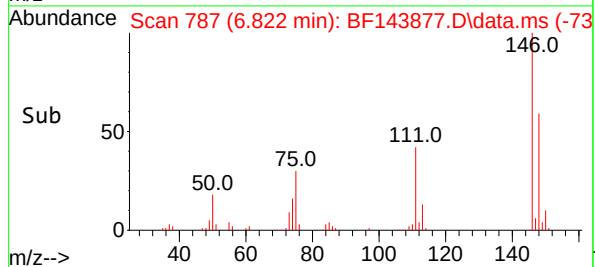
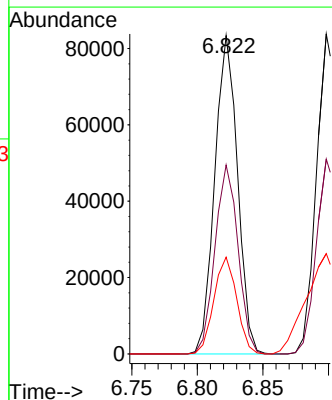
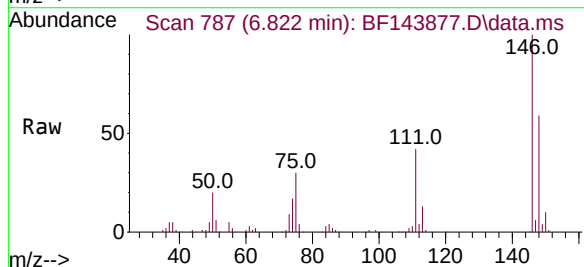
Manual Integrations  
APPROVED

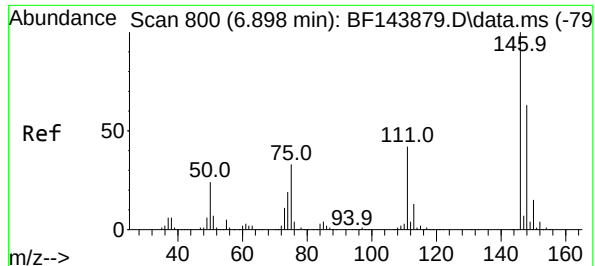
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#13

1,4-Dichlorobenzene

Concen: 11.046 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 101588

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

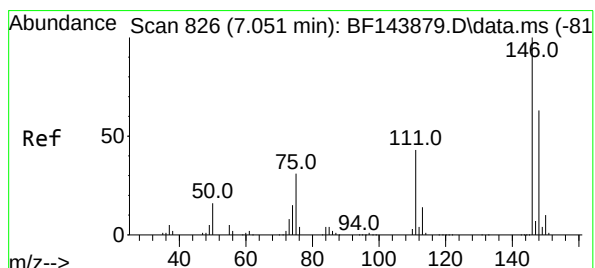
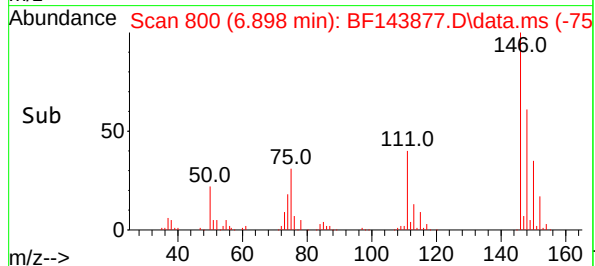
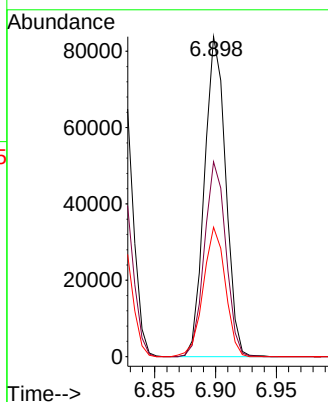
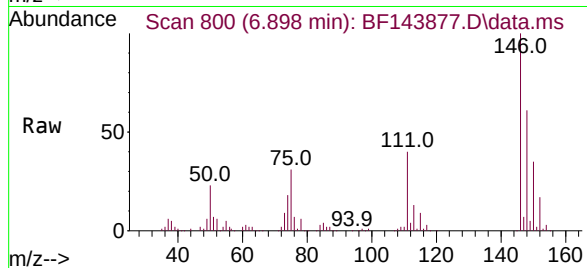
111 40.4 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 10.824 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

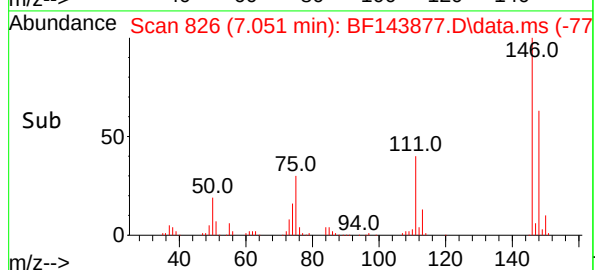
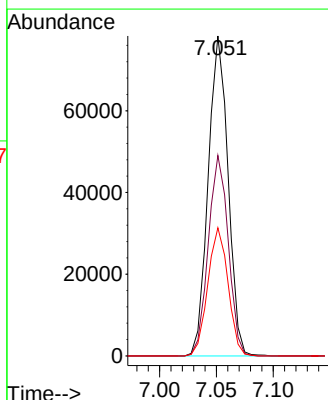
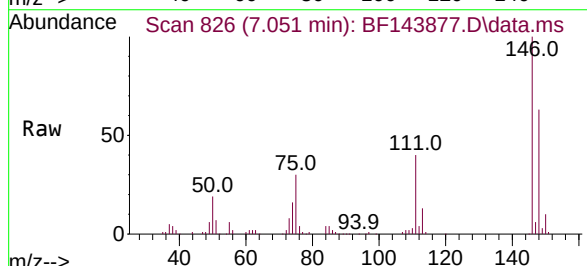
Tgt Ion:146 Resp: 95345

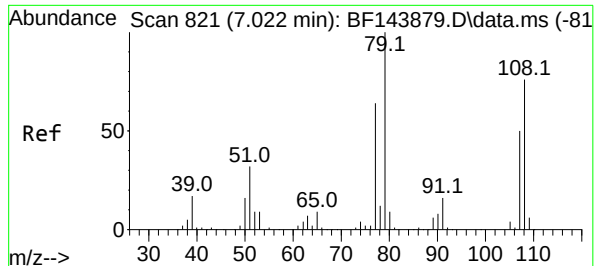
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

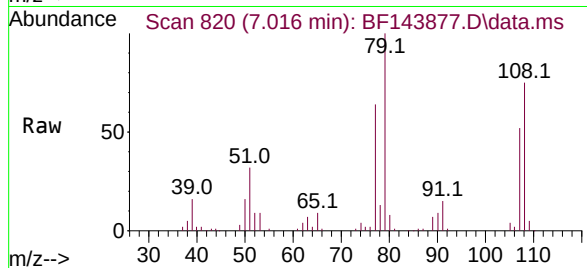
111 40.0 34.6 51.8





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

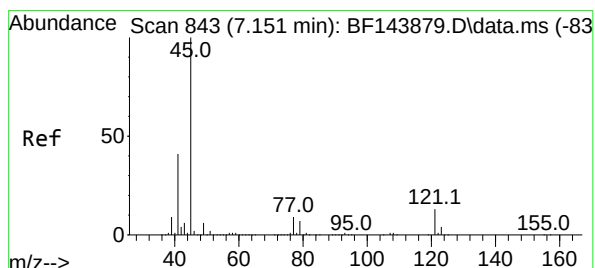
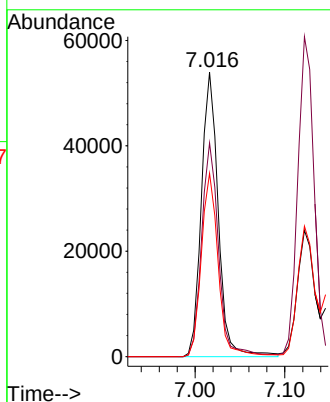
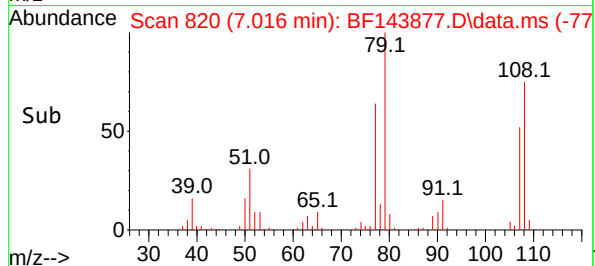
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

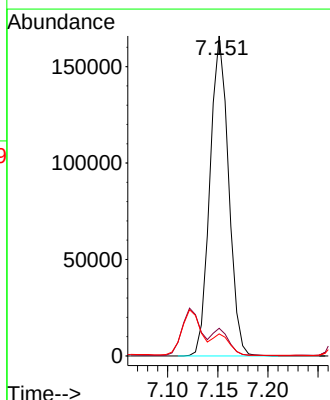
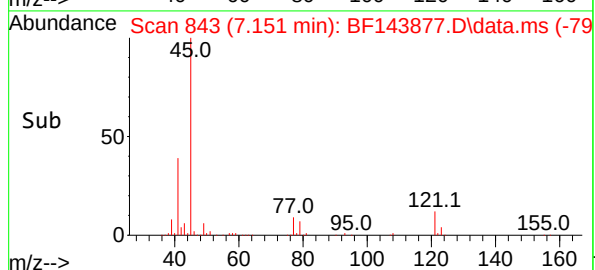
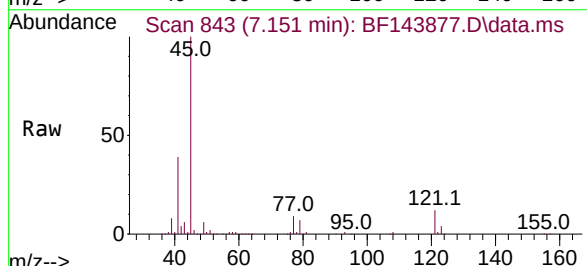
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

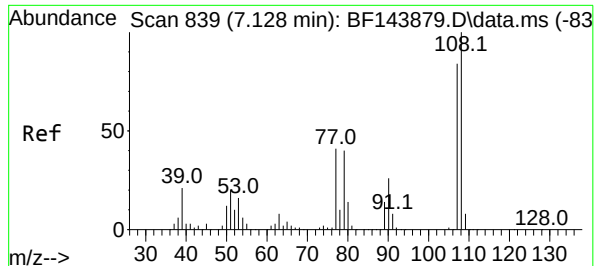


#16  
2,2'-oxybis(1-chloropropane)  
Concen: 10.728 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

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

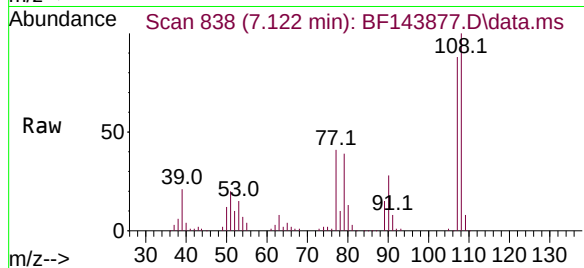






#17  
2-Methylphenol  
Concen: 10.389 ng  
RT: 7.122 min Scan# 839  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

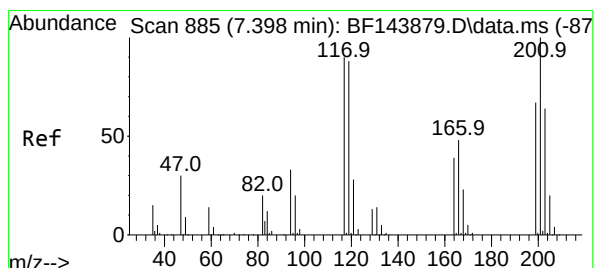
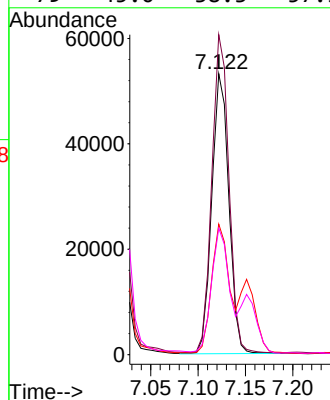
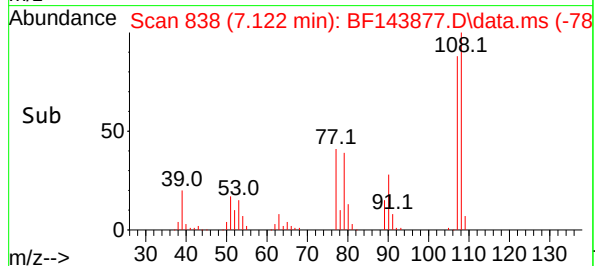
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:107 Resp: 66872  
Ion Ratio Lower Upper  
107 100  
108 113.9 94.7 142.1  
77 46.4 38.8 58.2  
79 45.0 38.3 57.5

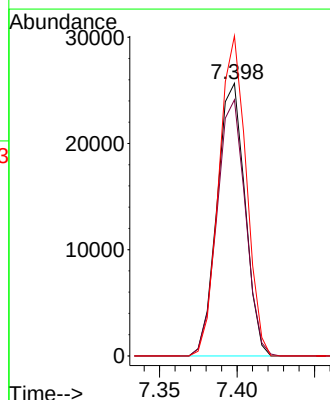
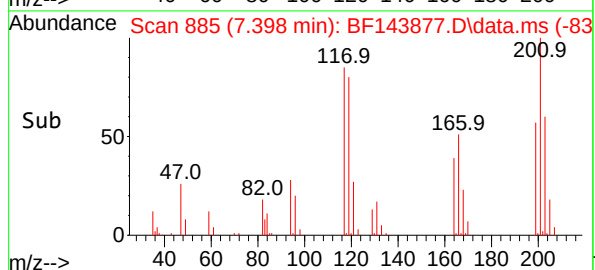
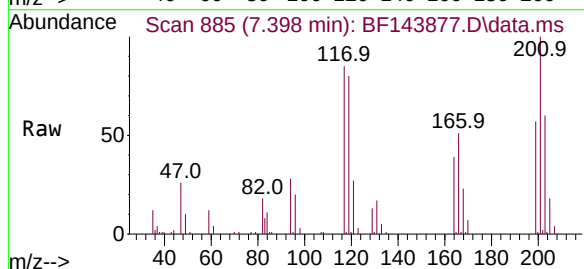
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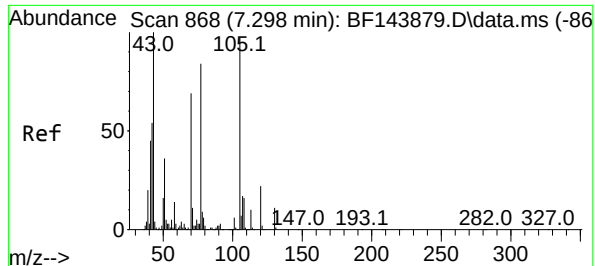
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

Tgt Ion:117 Resp: 32160  
Ion Ratio Lower Upper  
117 100  
119 94.0 77.8 116.8  
201 117.4 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 11.034 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 71731

Ion Ratio Lower Upper

70 100

42 72.0 62.8 94.2

101 7.5 6.7 10.1

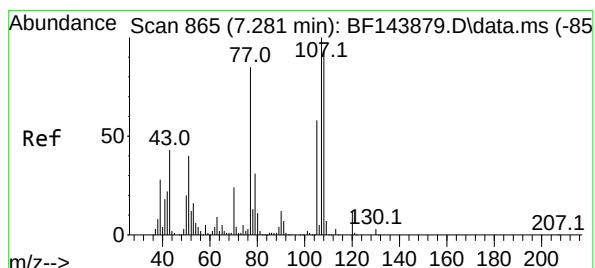
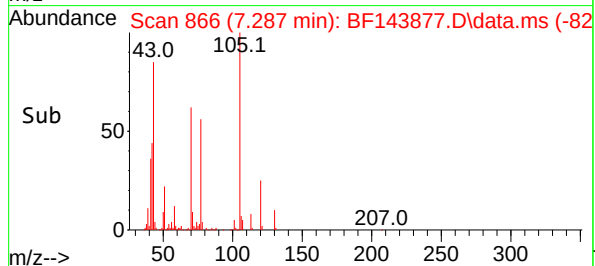
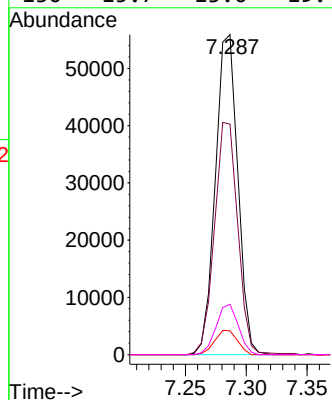
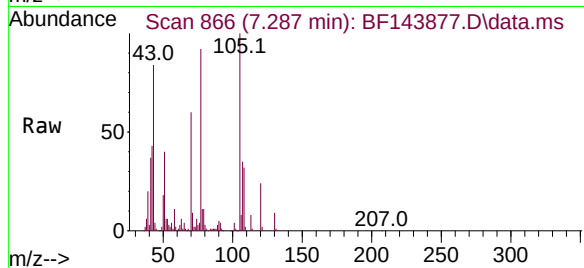
130 15.7 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 11.881 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 88634

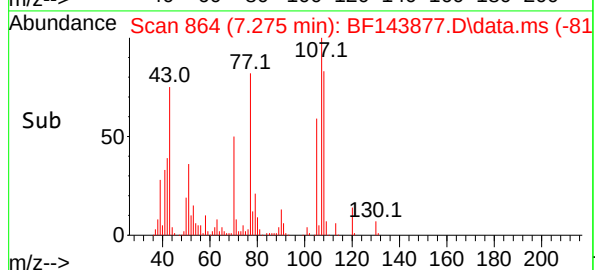
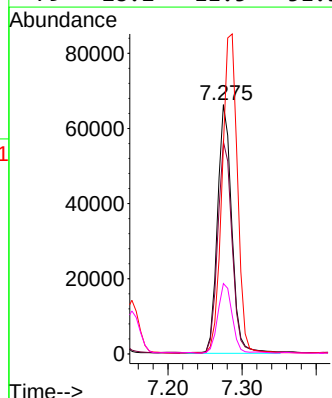
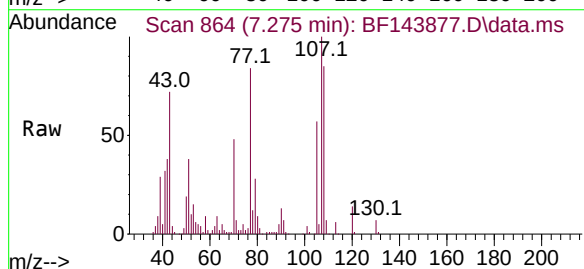
Ion Ratio Lower Upper

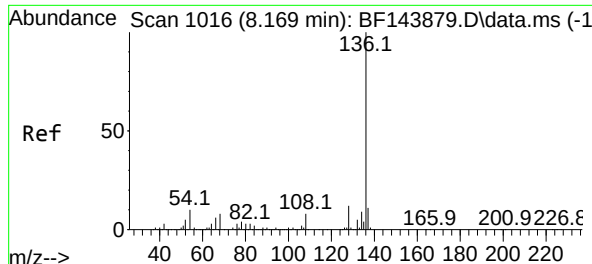
107 100

108 85.2 73.0 113.0

77 83.5 64.6 104.6

79 28.2 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 493548

Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.0 8.2 12.4

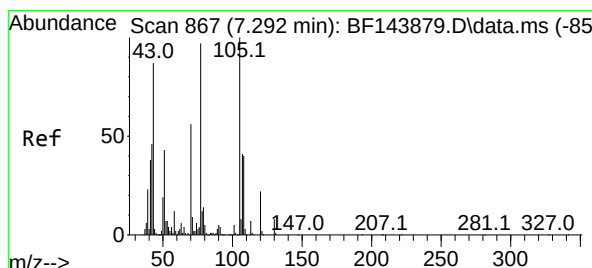
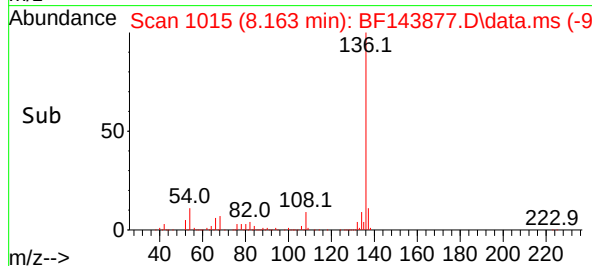
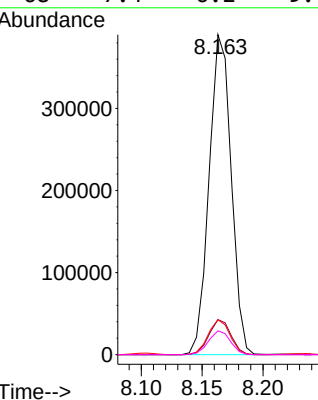
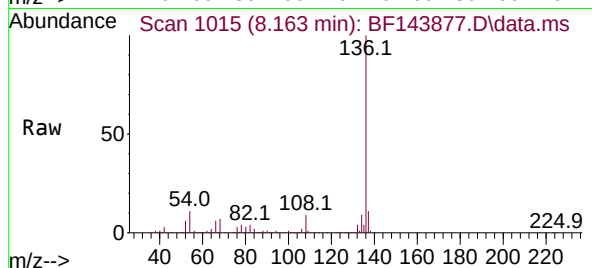
68 7.4 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 10.900 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:105 Resp: 113751

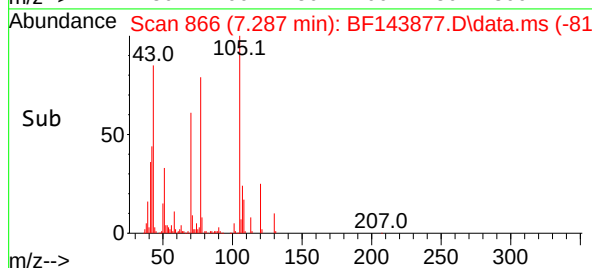
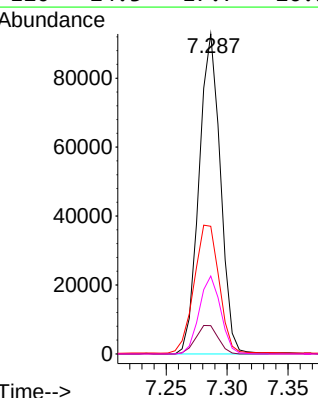
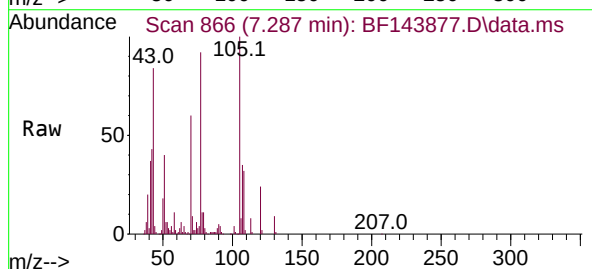
Ion Ratio Lower Upper

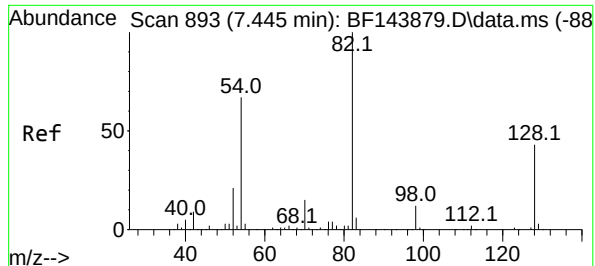
105 100

71 8.8 7.4 11.0

51 39.9 34.2 51.4

120 24.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 20.204 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 16412

Ion Ratio Lower Upper

82 100

128 41.3 34.0 51.0

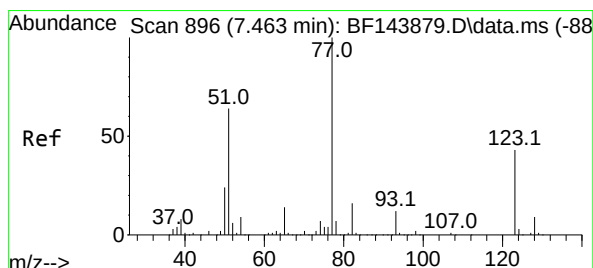
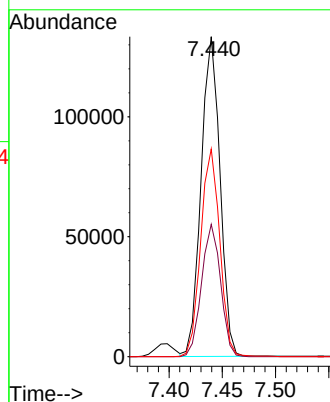
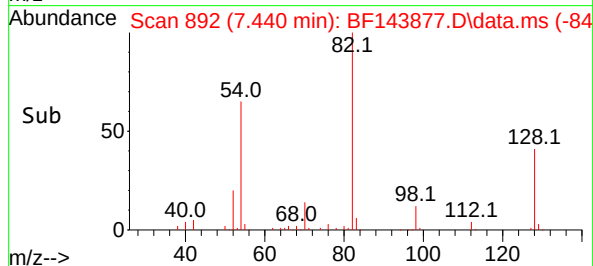
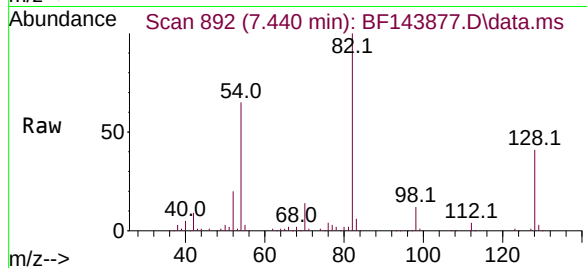
54 64.9 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 9.558 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

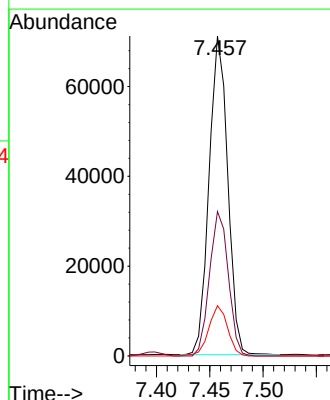
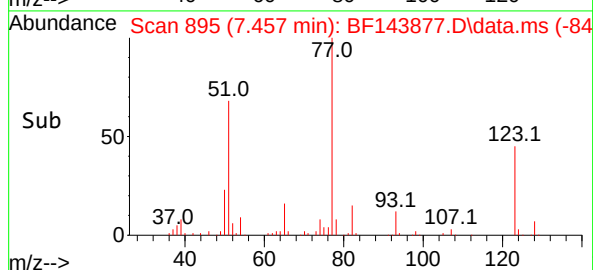
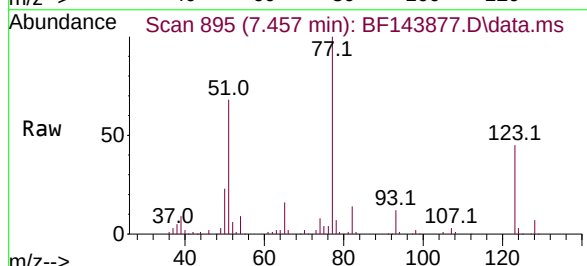
Tgt Ion: 77 Resp: 86228

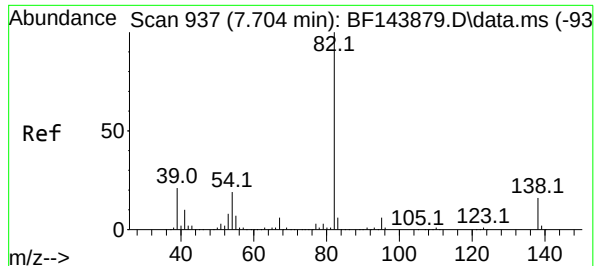
Ion Ratio Lower Upper

77 100

123 45.1 34.2 51.4

65 15.7 11.0 16.6





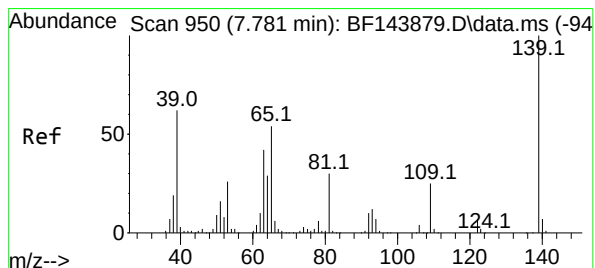
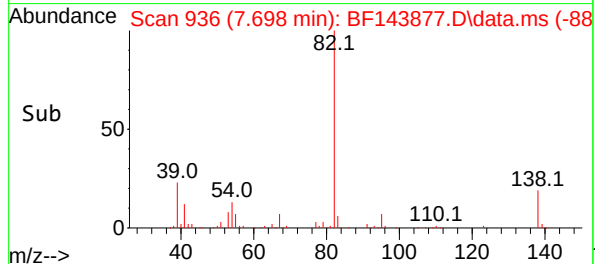
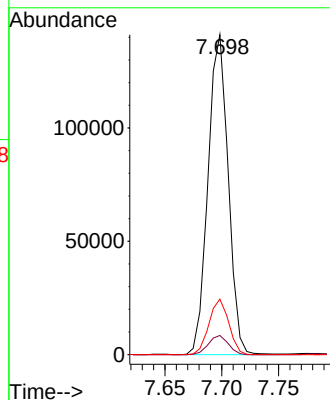
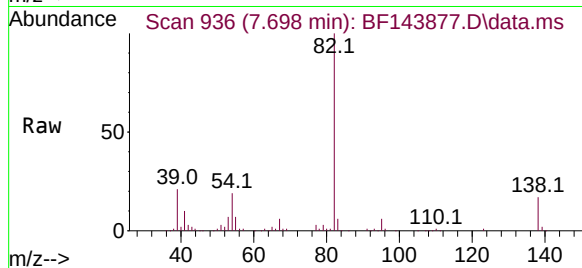
#25  
Isophorone  
Concen: 10.203 ng  
RT: 7.698 min Scan# 937  
Delta R.T. -0.023 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

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

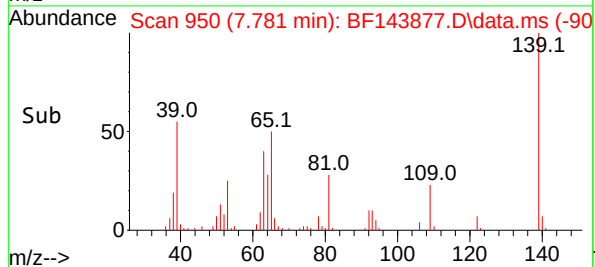
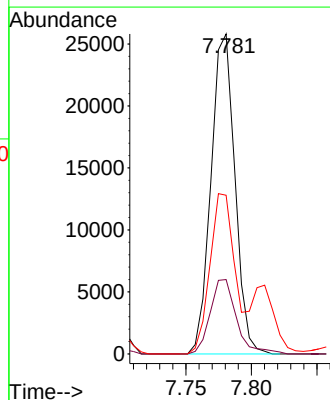
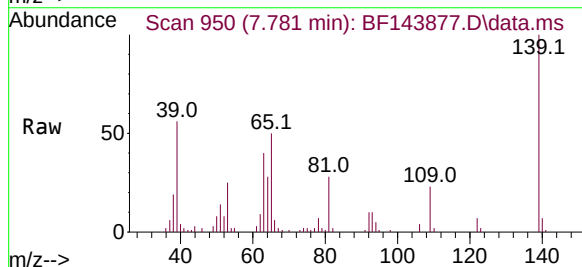
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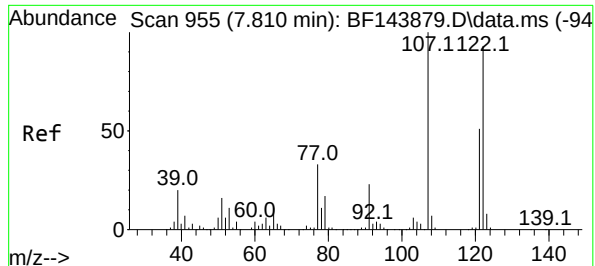
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





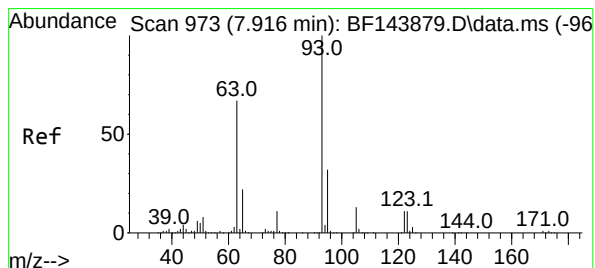
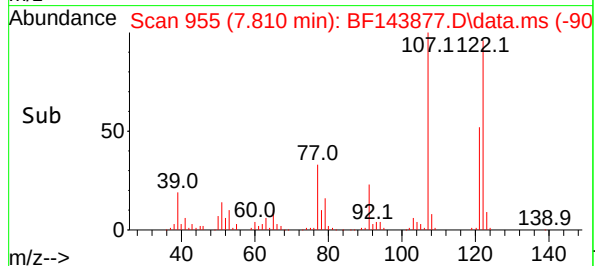
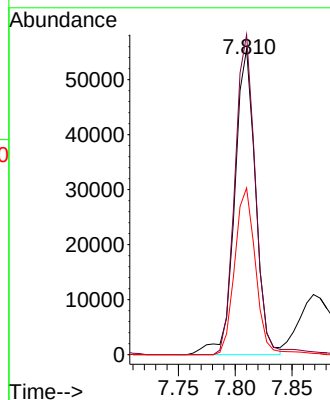
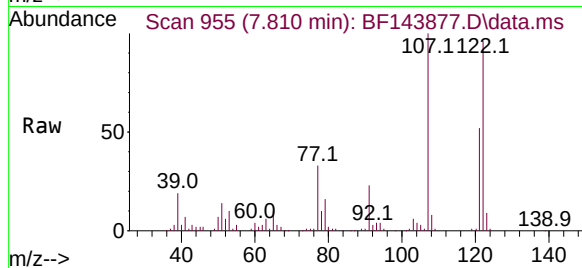
#27  
2,4-Dimethylphenol  
Concen: 10.199 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

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

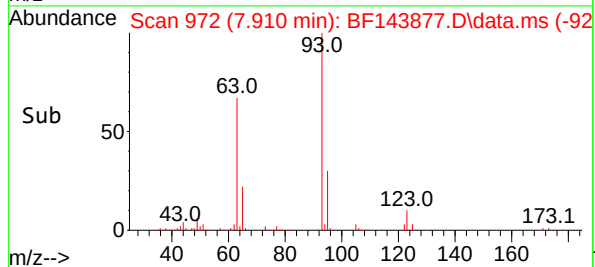
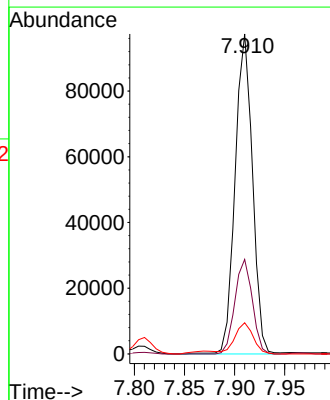
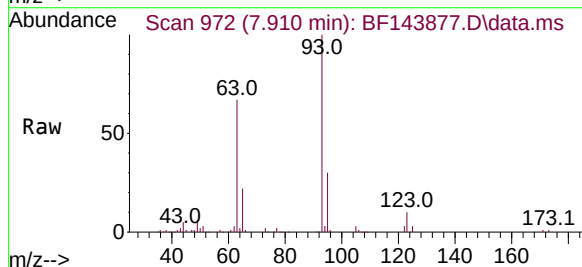
Manual Integrations  
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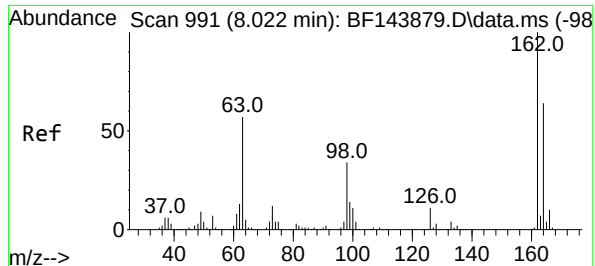
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#29

2,4-Dichlorophenol

Concen: 9.954 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 7214

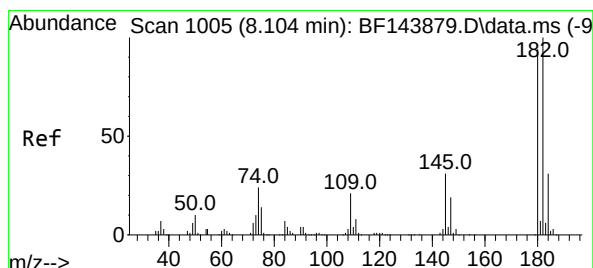
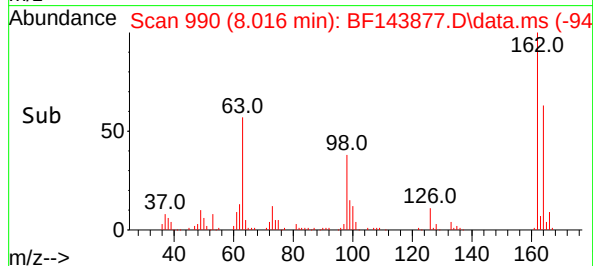
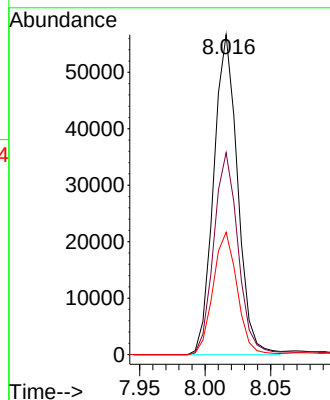
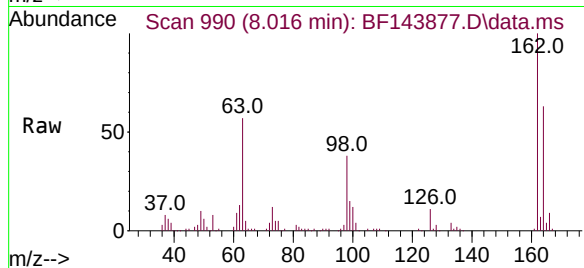
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 63.1  | 43.9  | 83.9  |
| 98  | 38.2  | 14.4  | 54.4  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.336 ng

RT: 8.104 min Scan# 1005

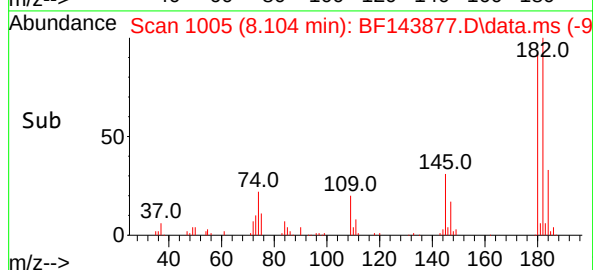
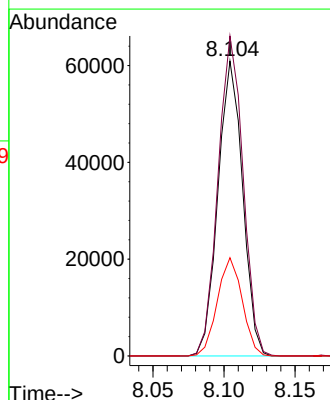
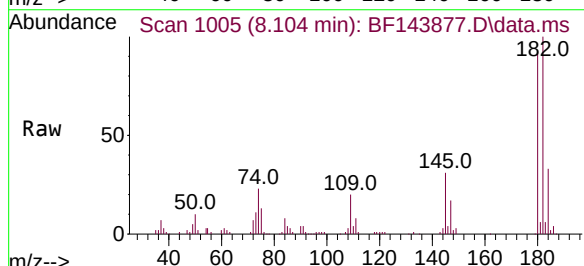
Delta R.T. -0.006 min

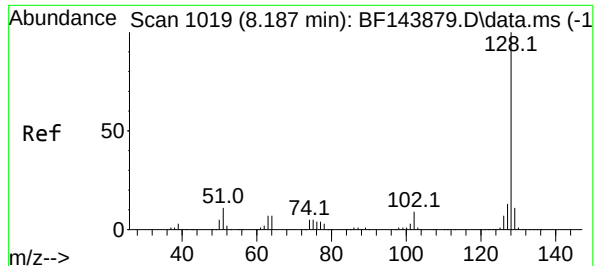
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:180 Resp: 73668

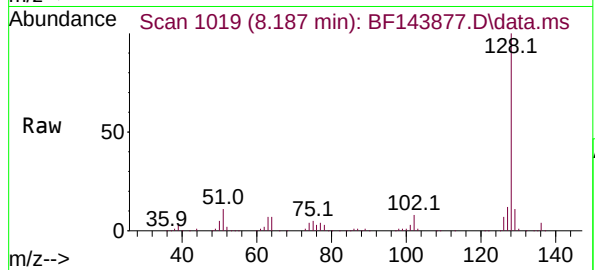
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 108.6 | 85.4  | 128.0 |
| 145 | 33.3  | 26.3  | 39.5  |





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

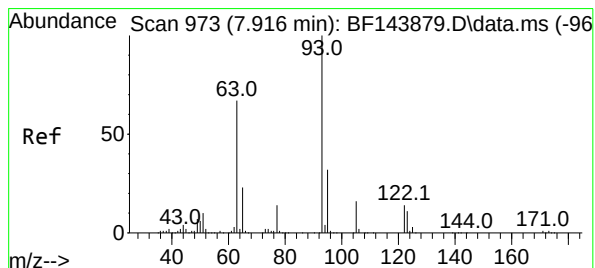
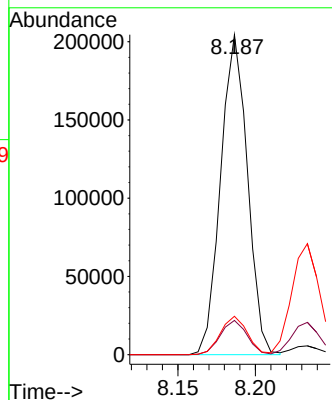
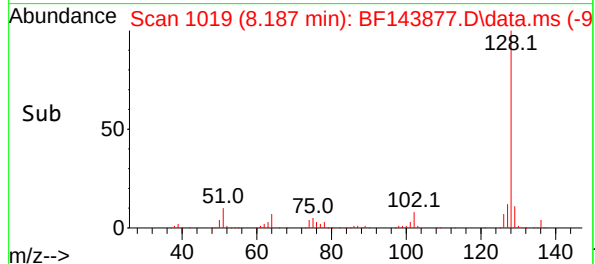
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

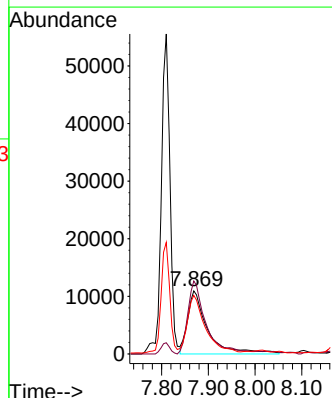
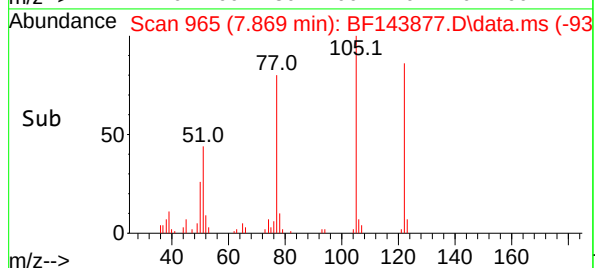
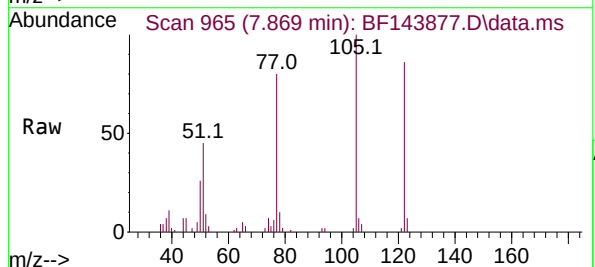
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

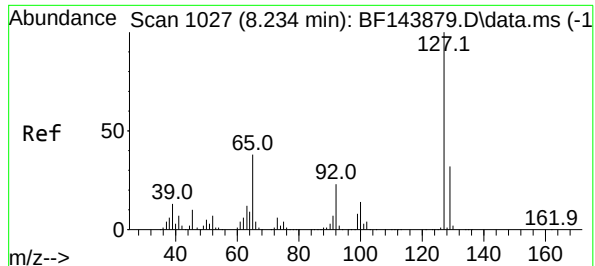


#32  
Benzoic acid  
Concen: 6.721 ng m  
RT: 7.869 min Scan# 965  
Delta R.T. -0.094 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

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







#33

4-Chloroaniline

Concen: 10.842 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

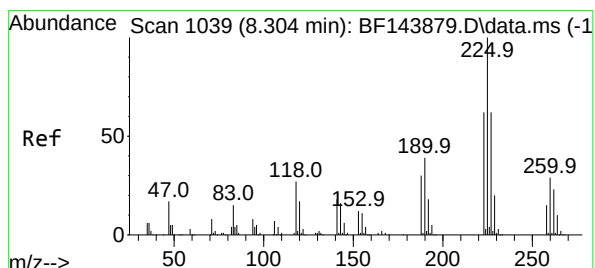
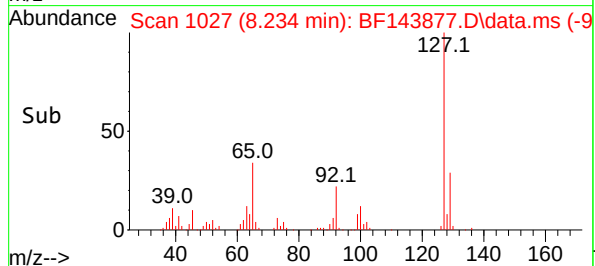
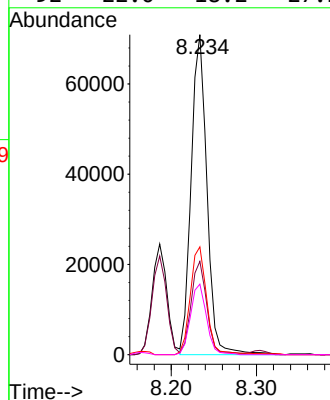
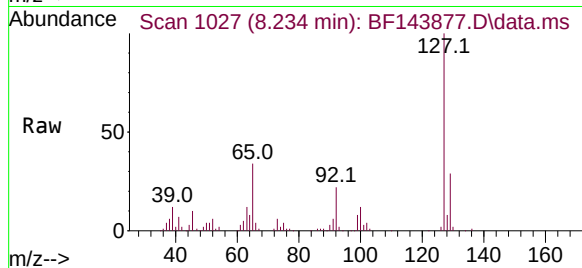
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 91294       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 29.1  | 25.8 38.8   |
| 65          | 33.7  | 30.0 45.0   |
| 92          | 22.0  | 18.2 27.2 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

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 10.665 ng

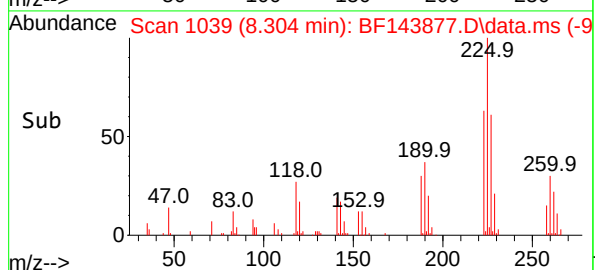
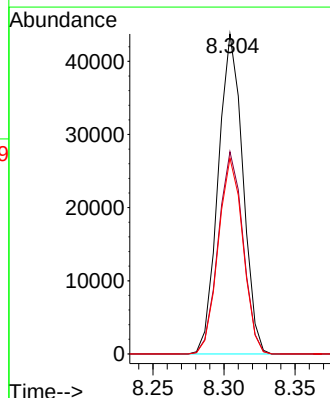
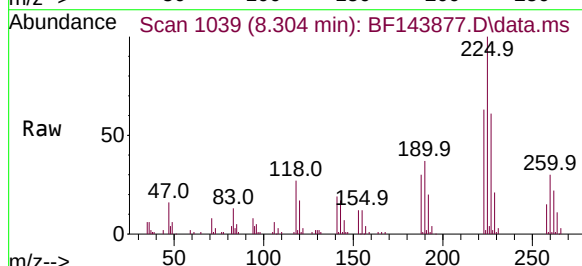
RT: 8.304 min Scan# 1039

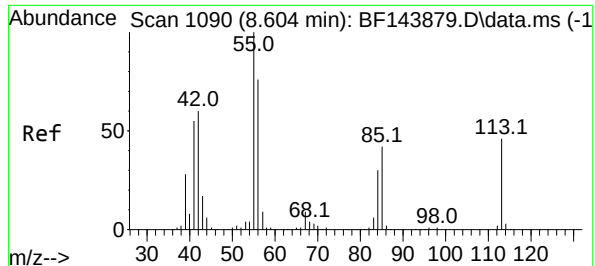
Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

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





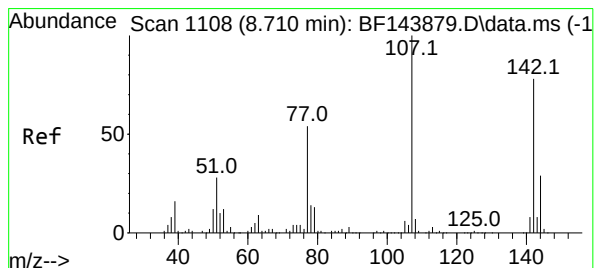
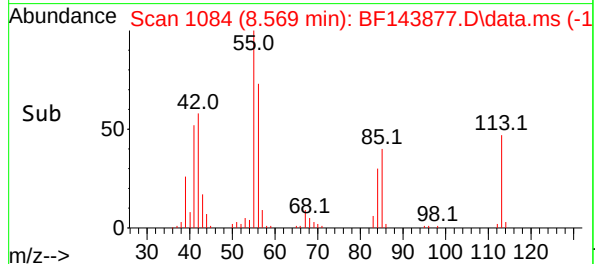
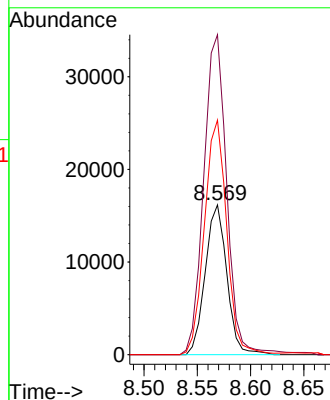
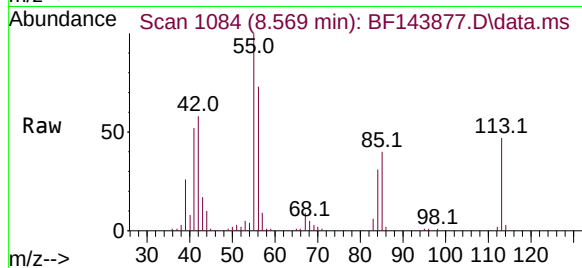
#35  
Caprolactam  
Concen: 9.900 ng  
RT: 8.569 min Scan# 1090  
Delta R.T. -0.076 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

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

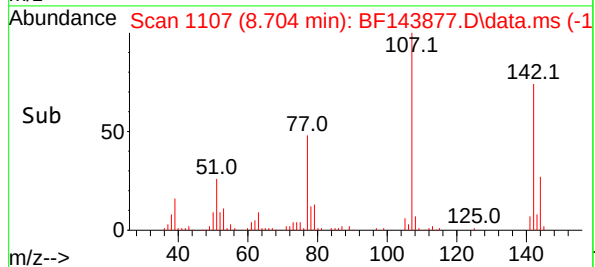
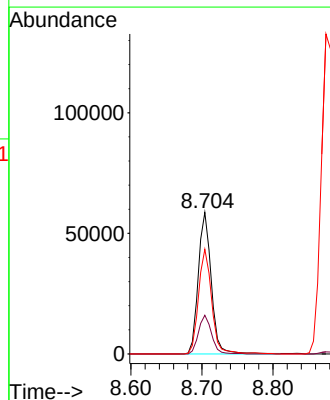
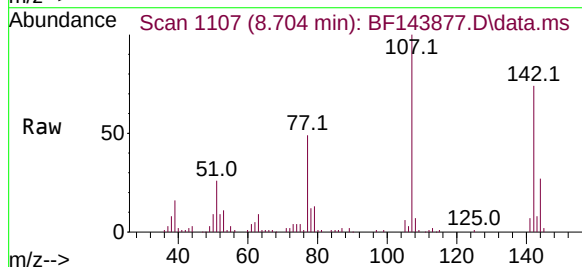
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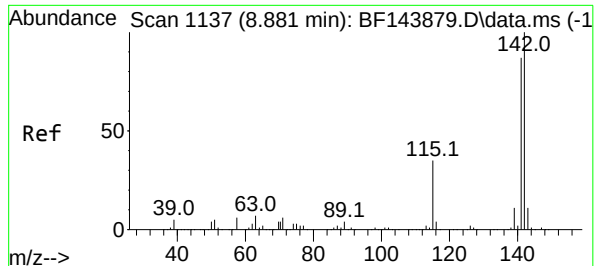
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

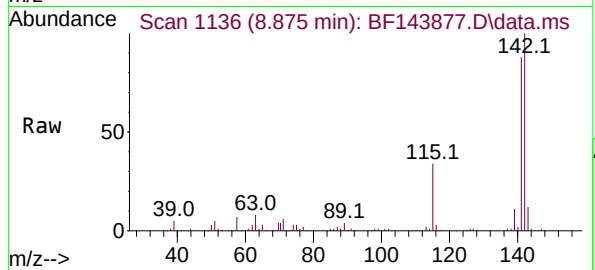
Tgt Ion:107 Resp: 74546  
Ion Ratio Lower Upper  
107 100  
144 27.3 23.1 34.7  
142 74.0 62.6 94.0





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

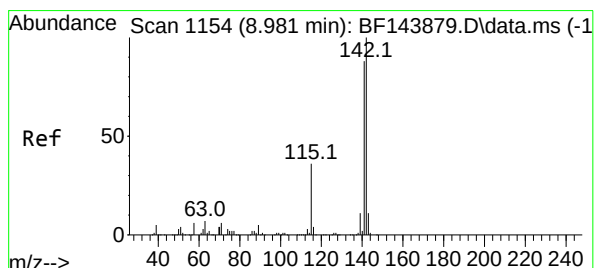
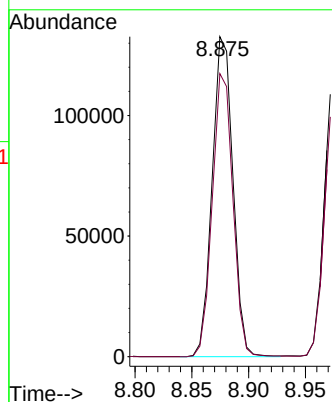
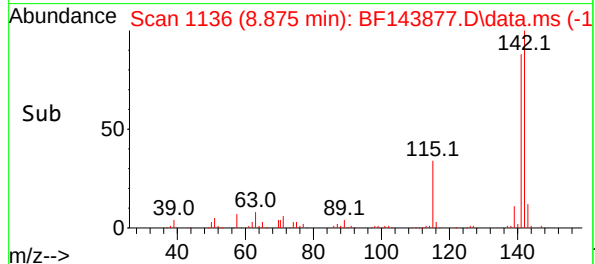
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

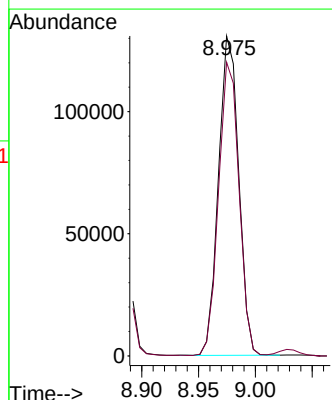
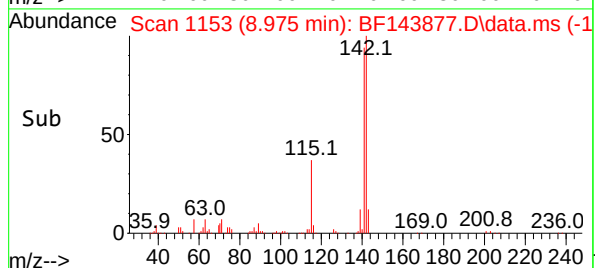
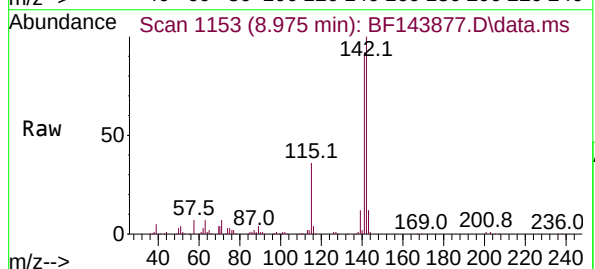
Manual Integrations  
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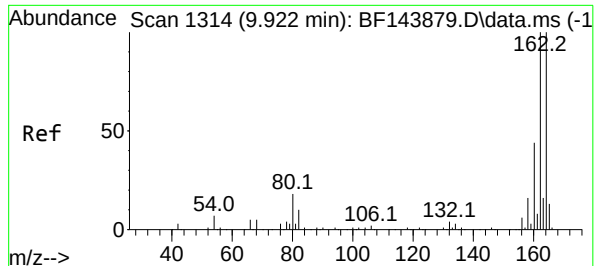
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143877.D

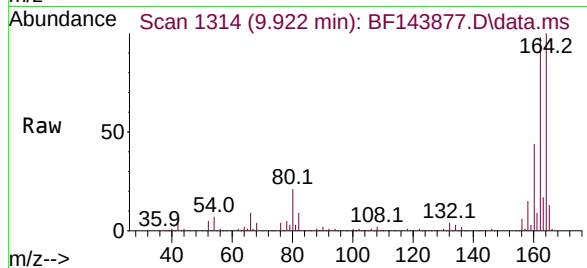
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 28382

Ion Ratio Lower Upper

164 100

162 97.5 80.2 120.2

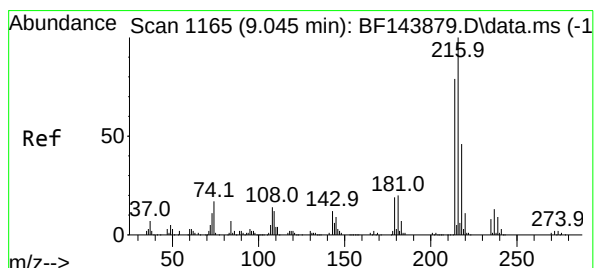
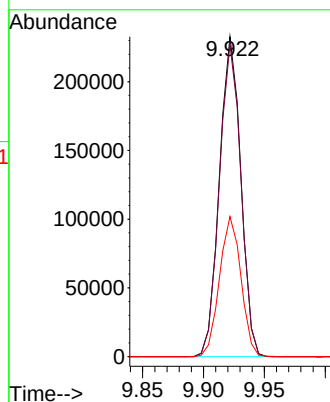
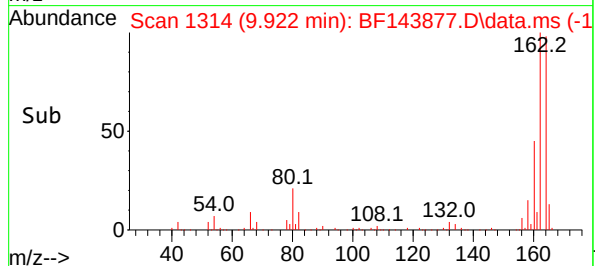
160 43.8 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.705 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:216 Resp: 83972

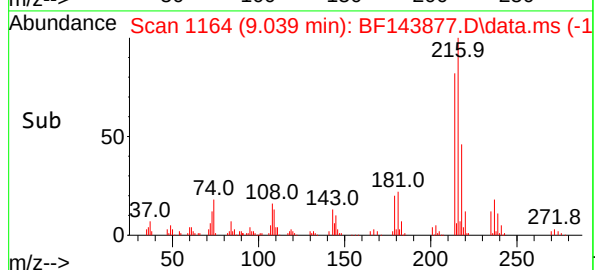
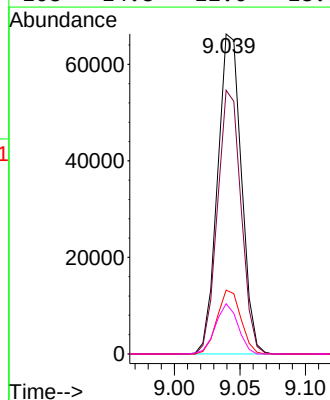
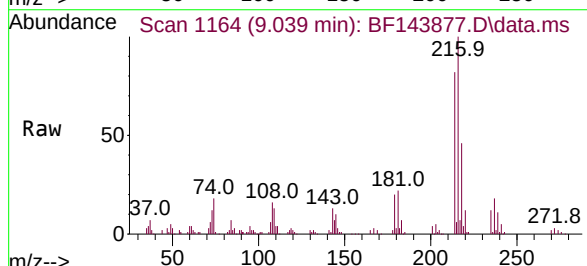
Ion Ratio Lower Upper

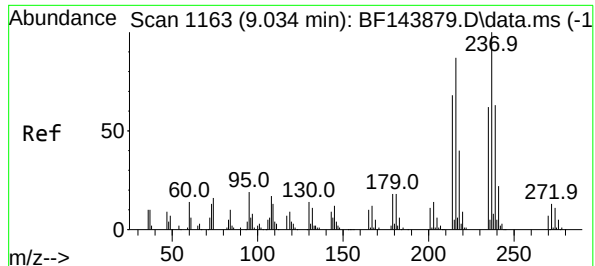
216 100

214 81.4 62.6 94.0

179 19.8 15.4 23.0

108 14.8 12.0 18.0





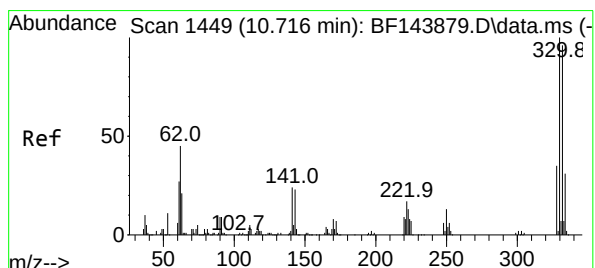
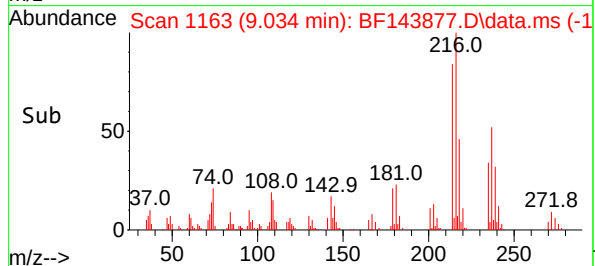
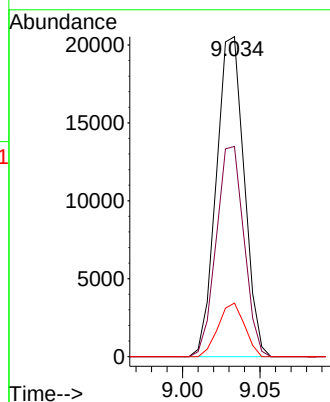
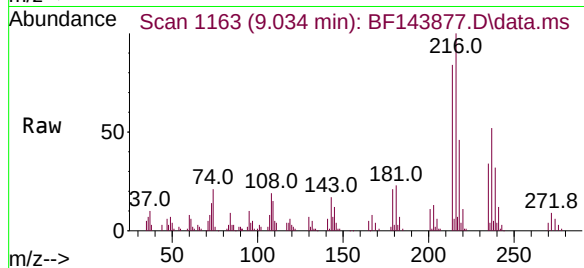
#41  
Hexachlorocyclopentadiene  
Concen: 7.932 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

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

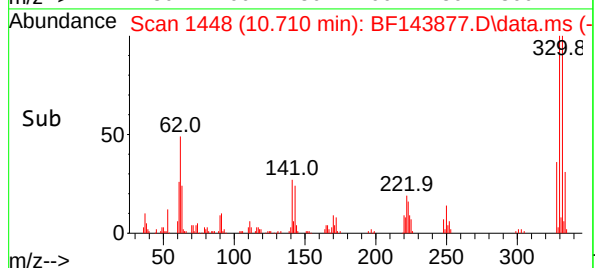
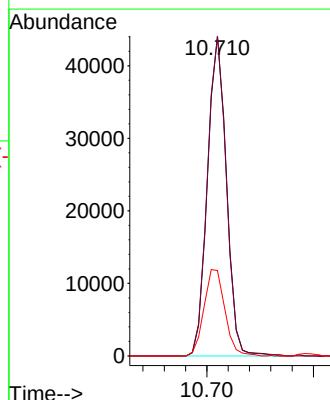
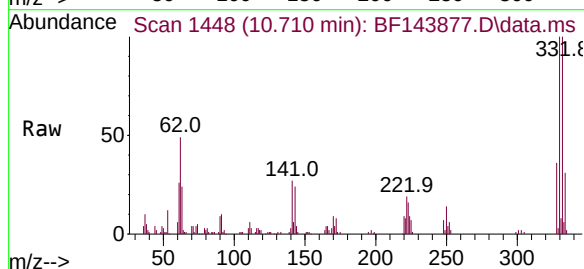
Manual Integrations  
APPROVED

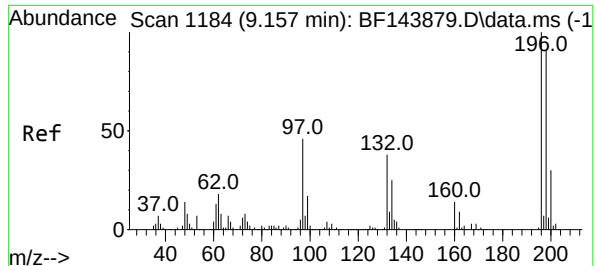
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#43

2,4,6-Trichlorophenol

Concen: 9.758 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143877.D

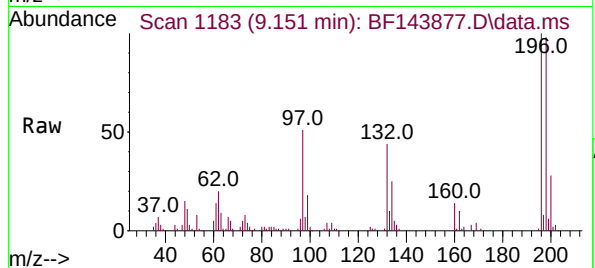
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 55929

Ion Ratio Lower Upper

196 100

198 98.4 72.8 109.2

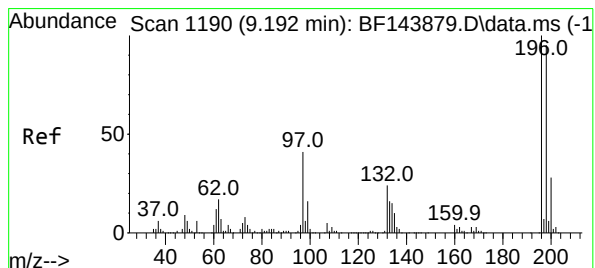
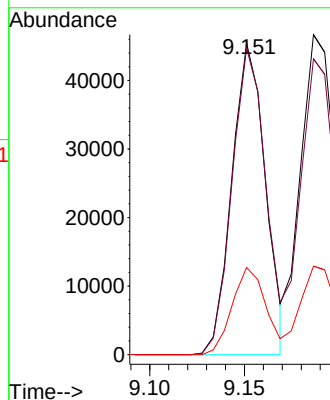
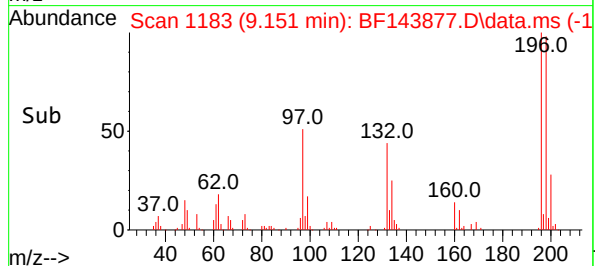
200 28.0 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

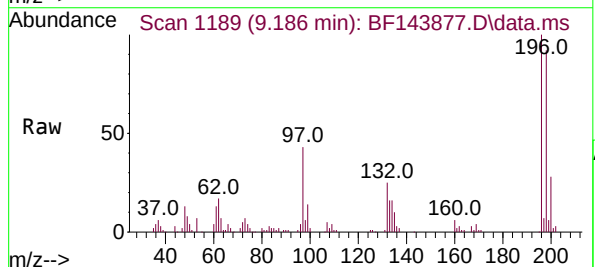
Concen: 10.407 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:196 Resp: 63036

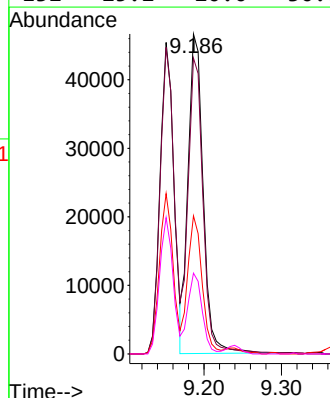
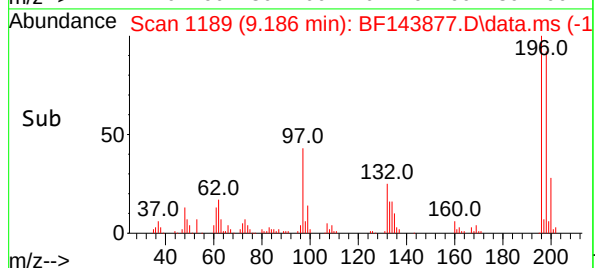
Ion Ratio Lower Upper

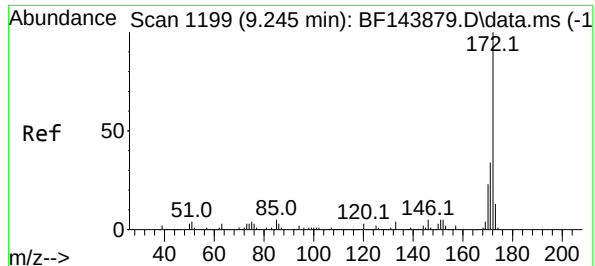
196 100

198 92.4 75.5 113.3

97 43.1 33.9 50.9

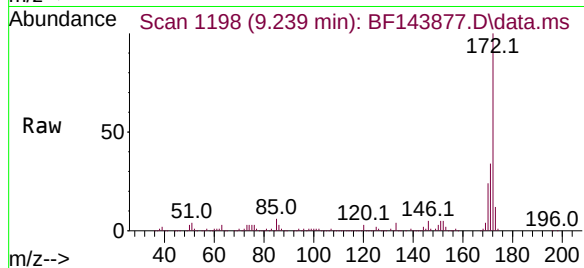
132 25.2 20.0 30.0





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

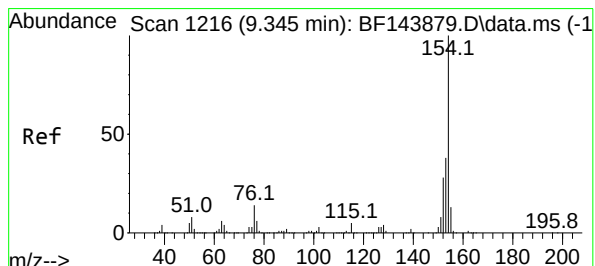
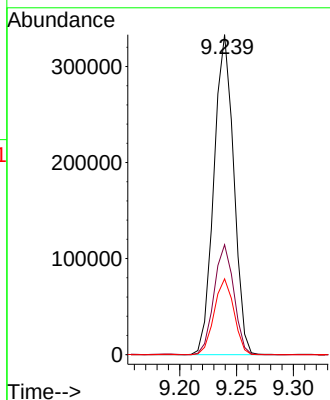
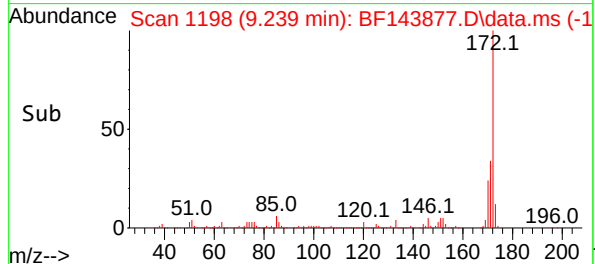
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

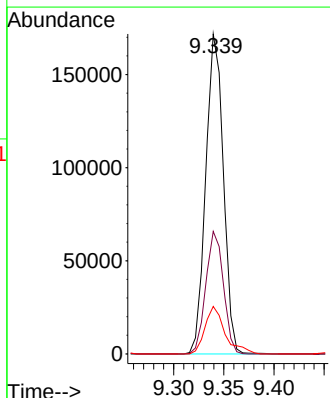
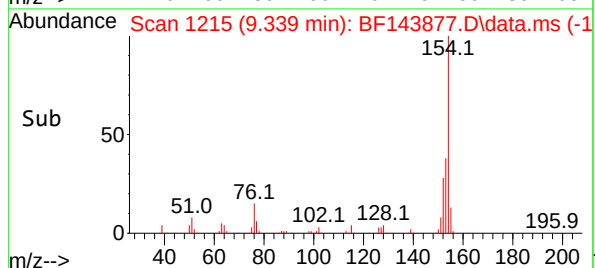
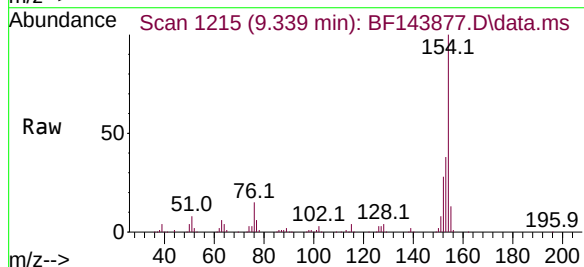
Manual Integrations  
APPROVED

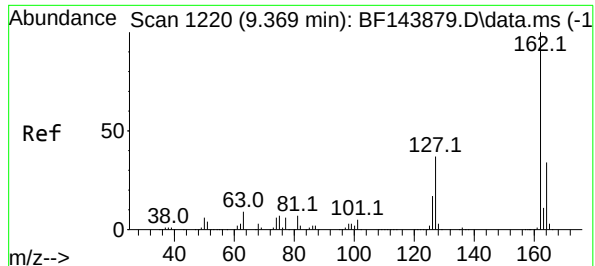
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#47

2-Chloronaphthalene

Concen: 10.829 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF143877.D

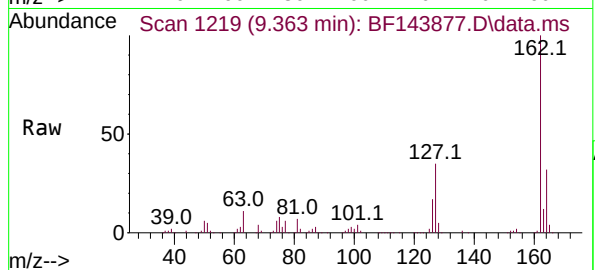
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 169672

Ion Ratio Lower Upper

162 100

127 35.1 30.2 45.2

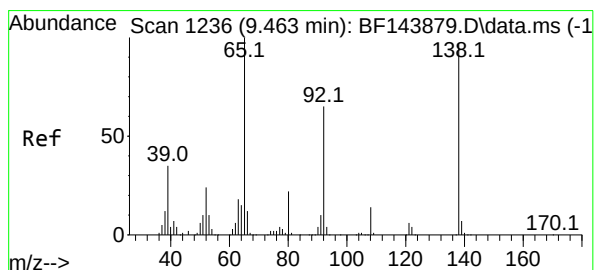
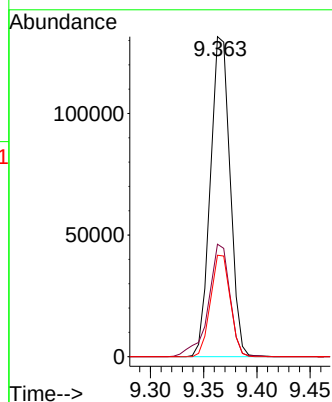
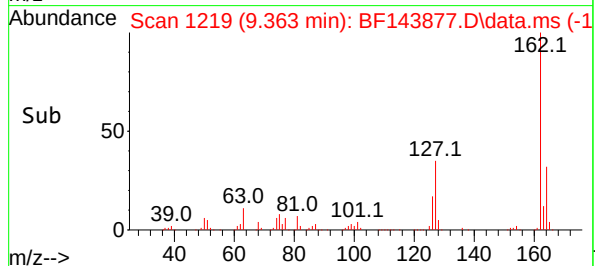
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

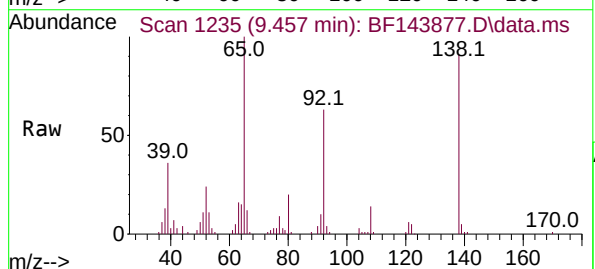
Concen: 9.219 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



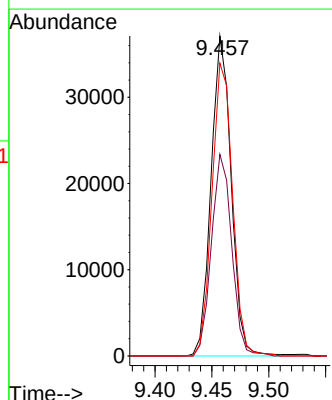
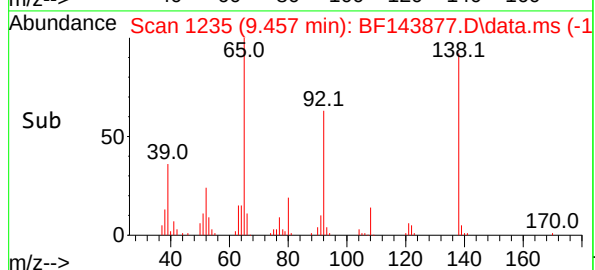
Tgt Ion: 65 Resp: 45663

Ion Ratio Lower Upper

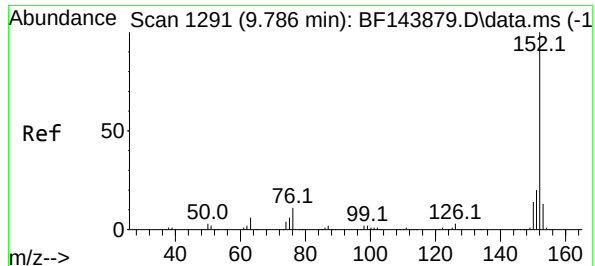
65 100

92 63.0 52.1 78.1

138 91.5 77.4 116.2







#49

Acenaphthylene

Concen: 10.962 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

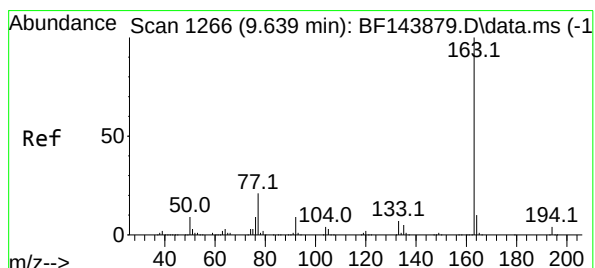
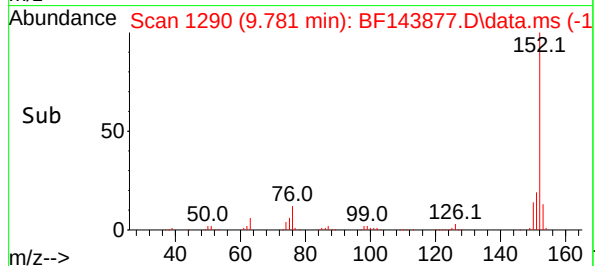
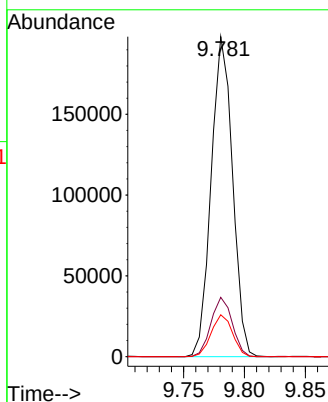
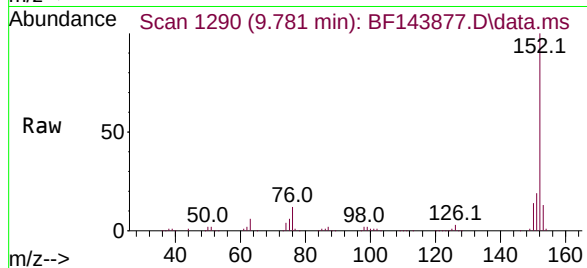
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 18.5  | 15.8  | 23.6  |
| 153     | 13.1  | 10.5  | 15.7  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

Concen: 10.638 ng

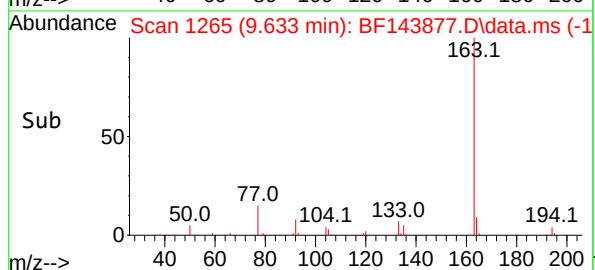
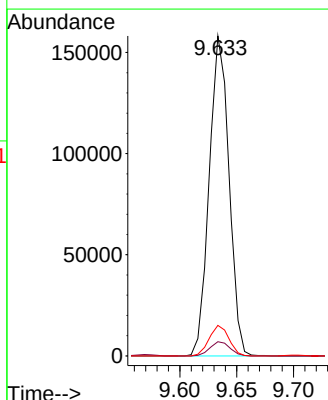
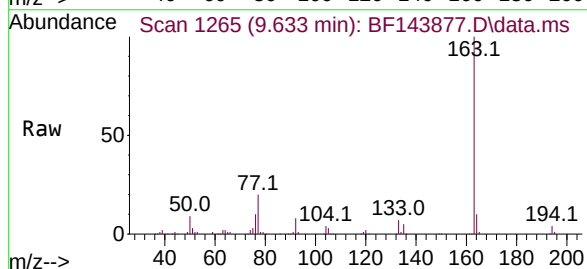
RT: 9.633 min Scan# 1265

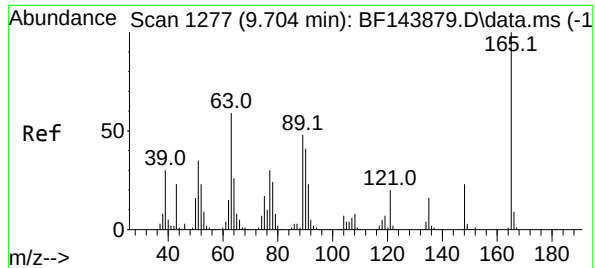
Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

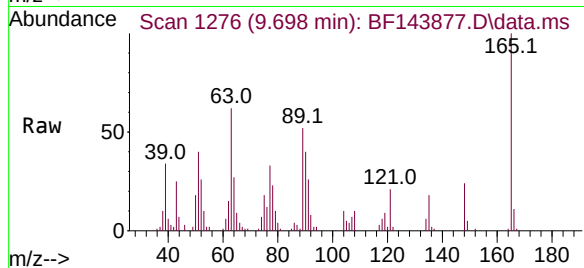
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.4   | 3.3   | 4.9   |
| 164     | 9.5   | 8.1   | 12.1  |





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

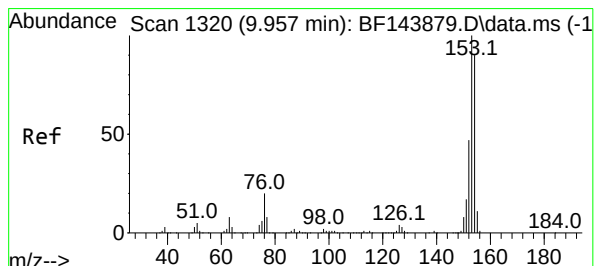
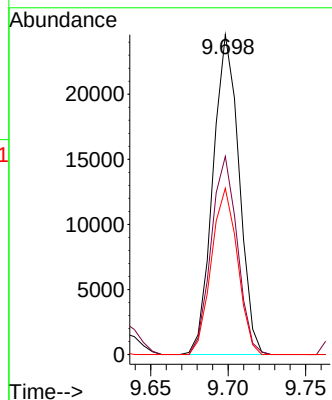
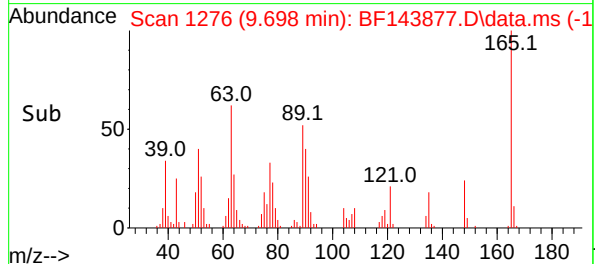
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

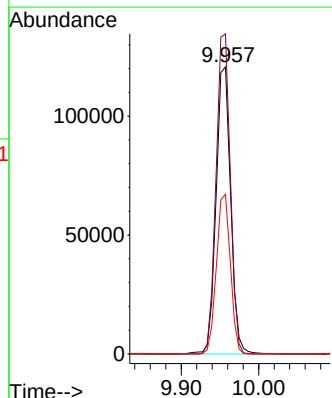
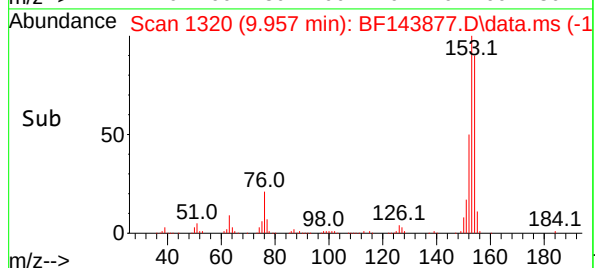
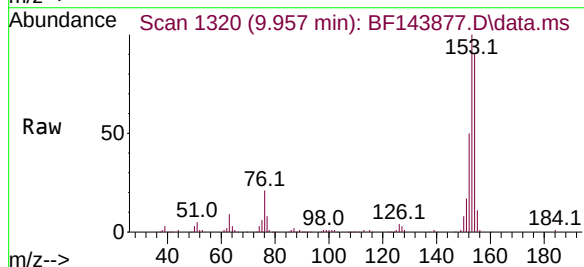
Manual Integrations  
APPROVED

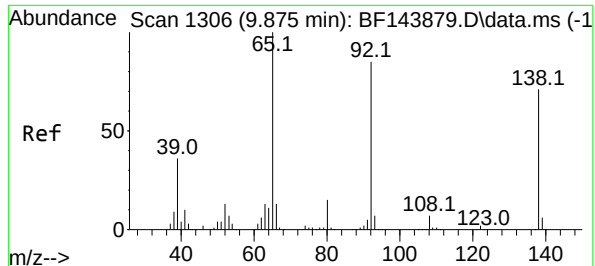
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

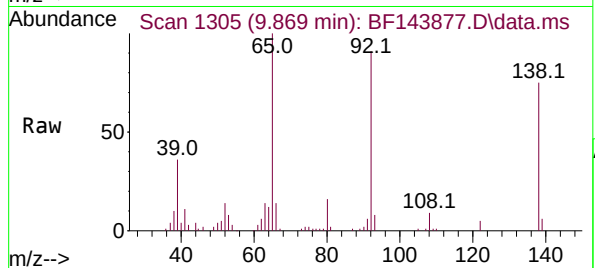
Tgt Ion:154 Resp: 158214  
Ion Ratio Lower Upper  
154 100  
153 111.5 89.3 133.9  
152 55.6 42.2 63.2





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

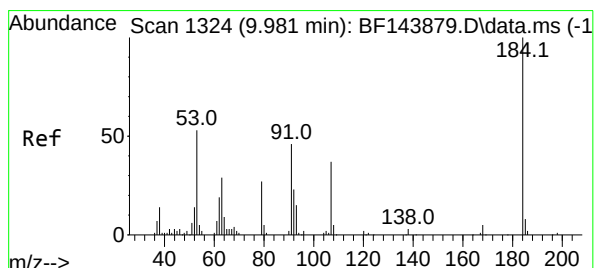
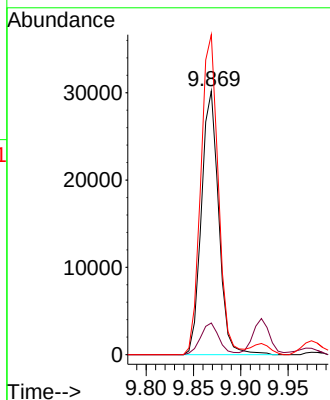
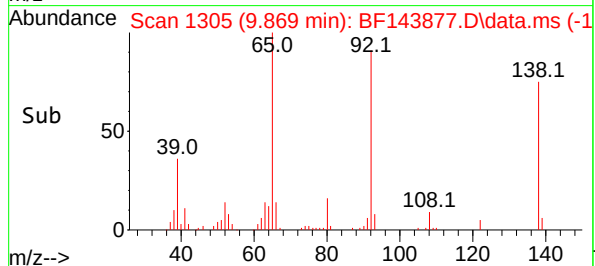
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

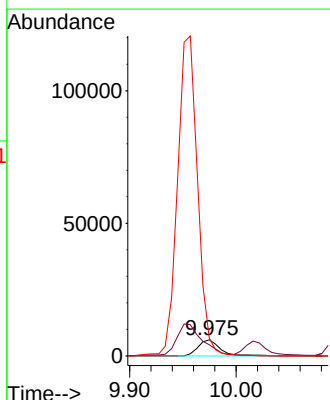
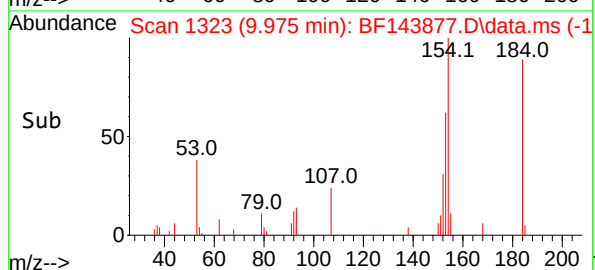
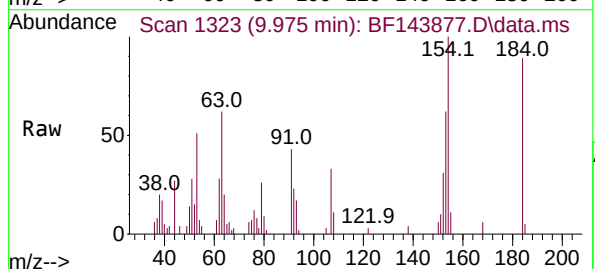
Manual Integrations  
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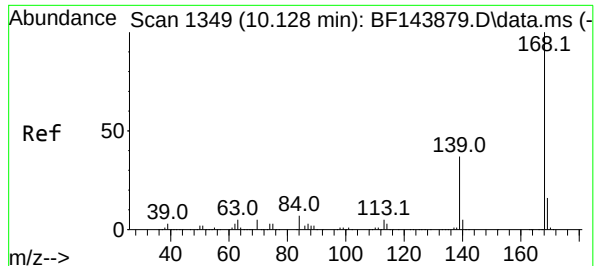
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

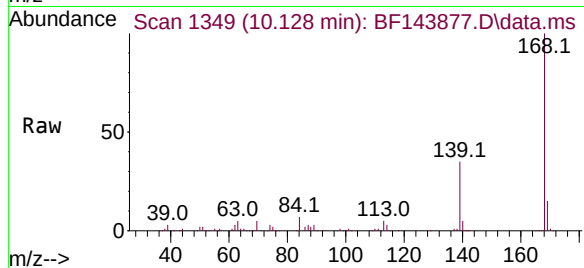
Tgt Ion:184 Resp: 8624  
Ion Ratio Lower Upper  
184 100  
63 69.4 48.2 72.4  
154 112.7 49.2 73.8#





#55  
Dibenzofuran  
Concen: 11.199 ng  
RT: 10.128 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

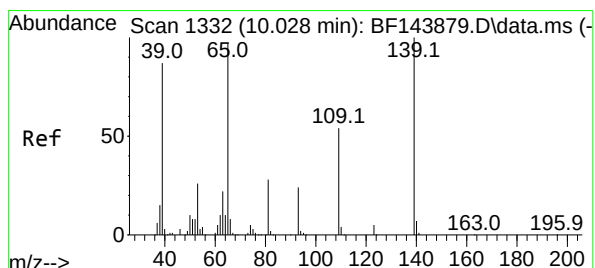
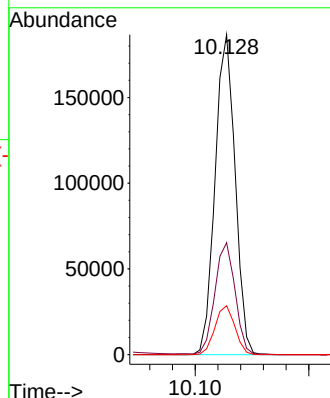
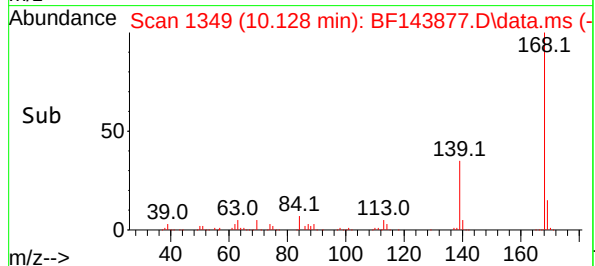
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:168 Resp: 228160  
Ion Ratio Lower Upper  
168 100  
139 35.0 29.8 44.8  
169 15.3 12.8 19.2

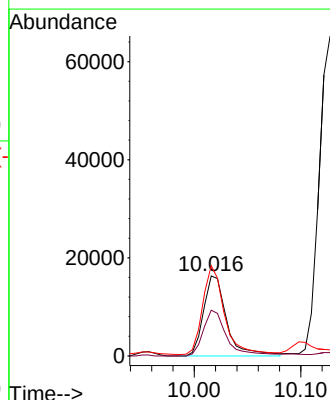
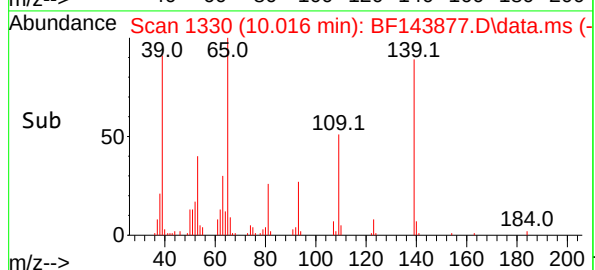
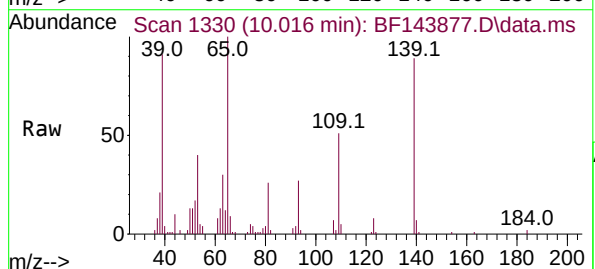
Manual Integrations  
APPROVED

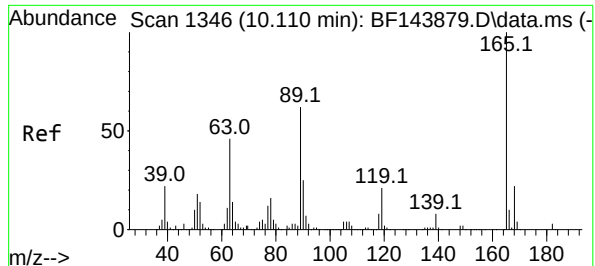
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#56  
4-Nitrophenol  
Concen: 7.934 ng  
RT: 10.016 min Scan# 1330  
Delta R.T. -0.023 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:139 Resp: 24585  
Ion Ratio Lower Upper  
139 100  
109 57.1 34.5 74.5  
65 112.8 77.6 117.6





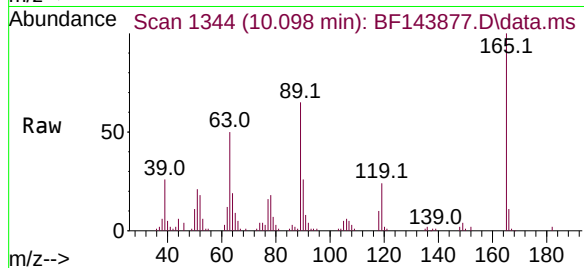
#57  
2,4-Dinitrotoluene  
Concen: 8.862 ng  
RT: 10.098 min Scan# 1346  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

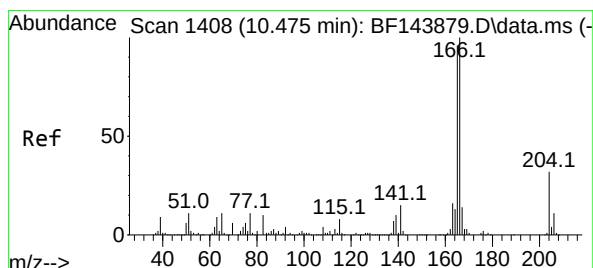
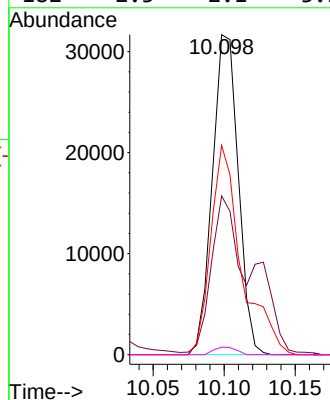
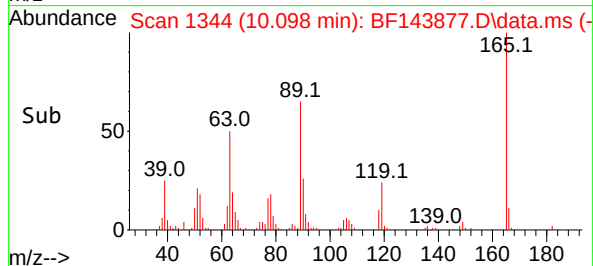


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.6  | 37.2  | 55.8  |
| 89      | 65.4  | 49.4  | 74.2  |
| 182     | 2.3   | 2.1   | 3.1   |

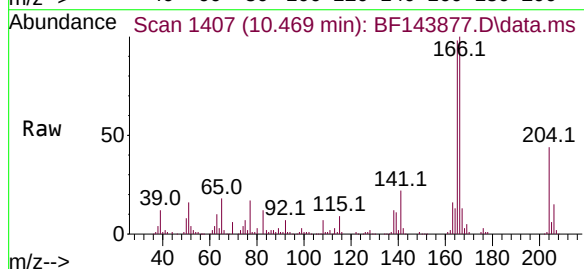
Manual Integrations

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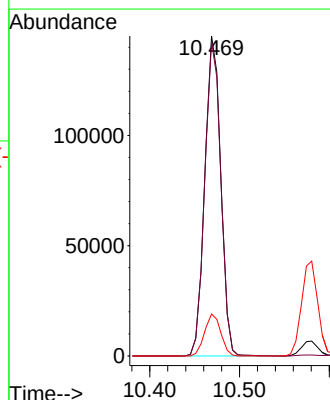
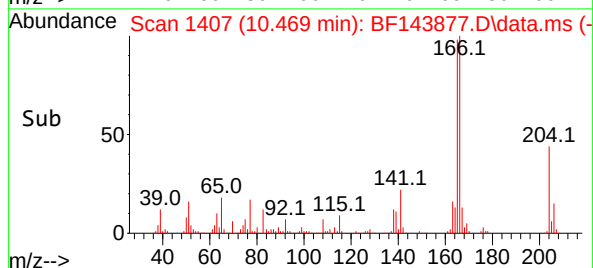
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

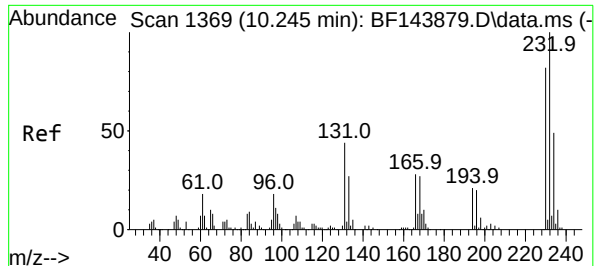


#58  
Fluorene  
Concen: 11.683 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



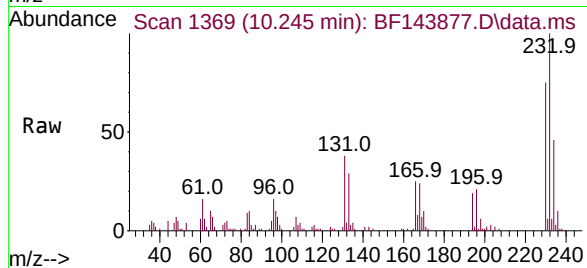
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.2  | 77.0  | 115.6 |
| 167     | 13.1  | 11.1  | 16.7  |





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

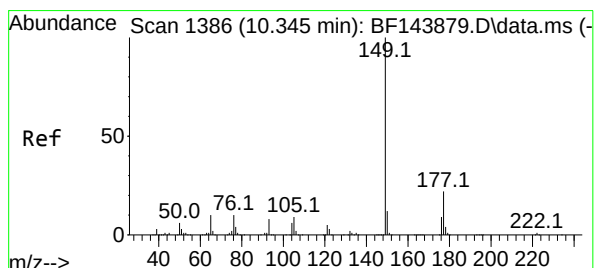
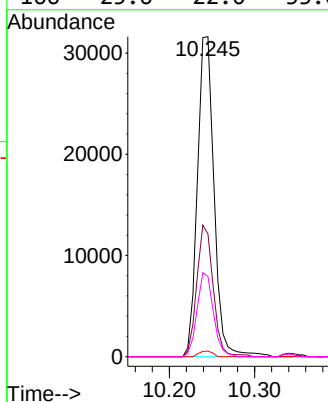
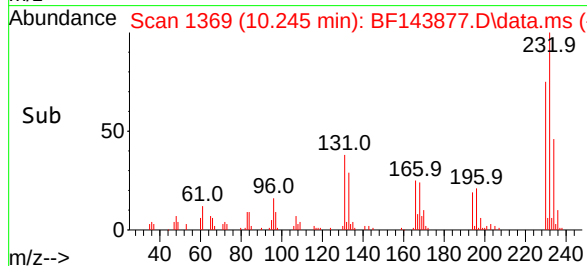
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



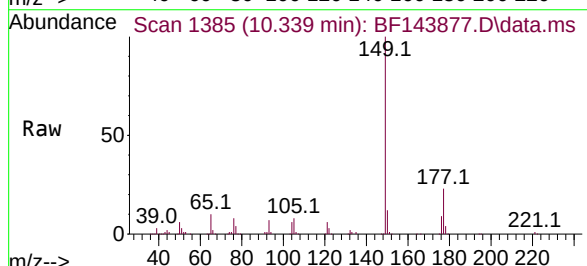
Tgt Ion:232 Resp: 43052  
Ion Ratio Lower Upper  
232 100  
131 40.3 34.9 52.3  
130 1.4 1.6 2.4  
166 25.6 22.0 33.0

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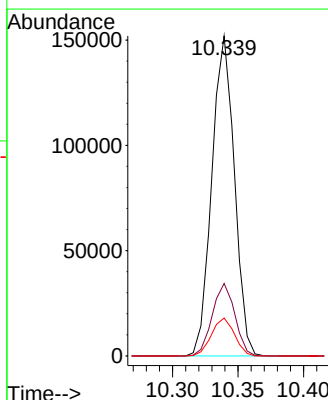
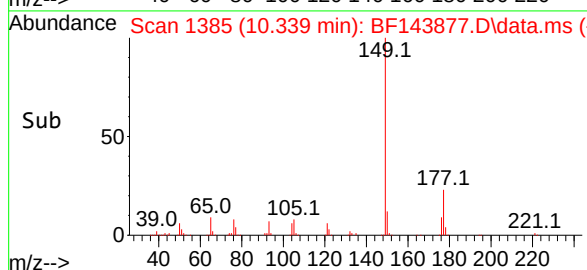
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

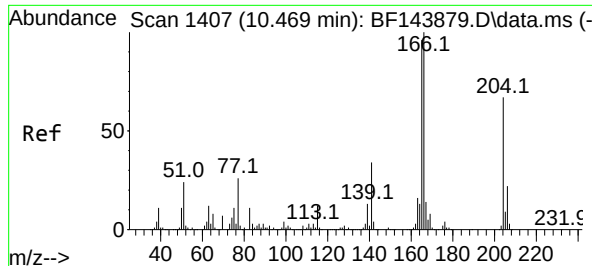


#60  
Diethylphthalate  
Concen: 10.860 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



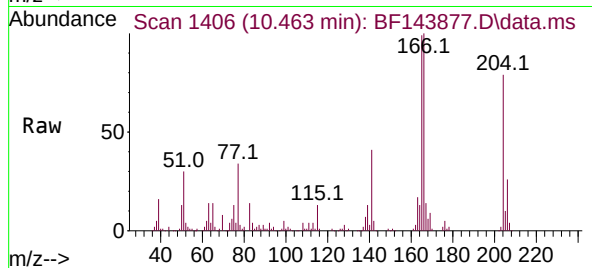
Tgt Ion:149 Resp: 181846  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.9 26.9  
150 11.8 9.8 14.8





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

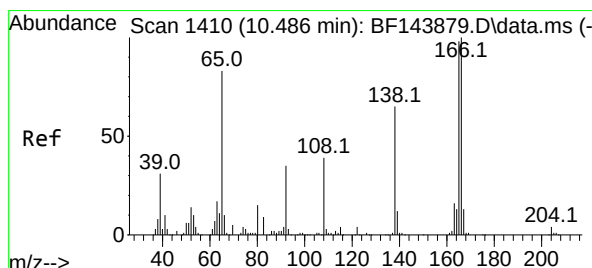
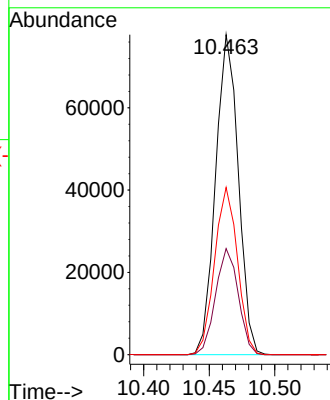
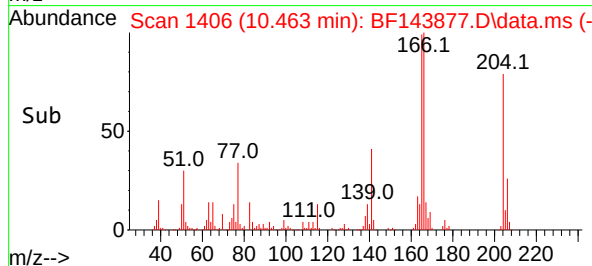
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

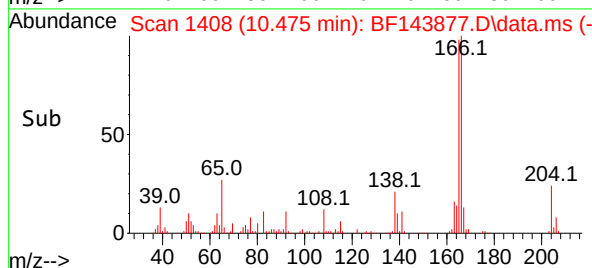
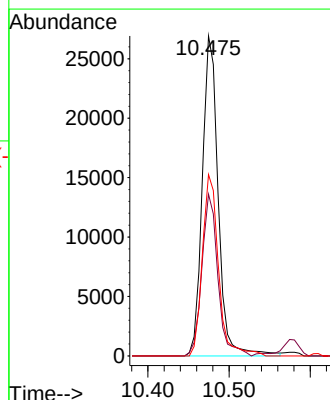
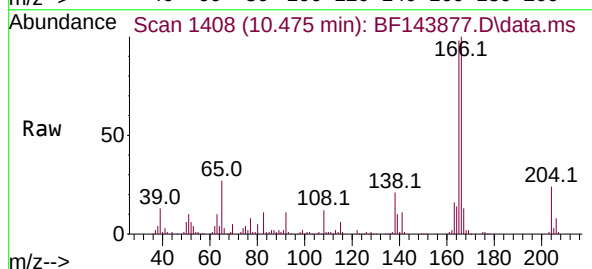
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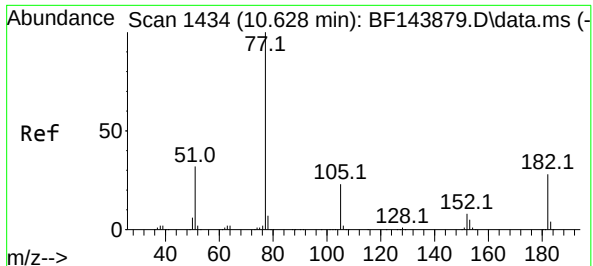
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





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

Instrument :

BNA\_F

ClientSampleId :

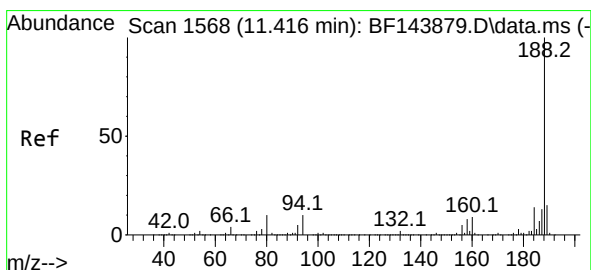
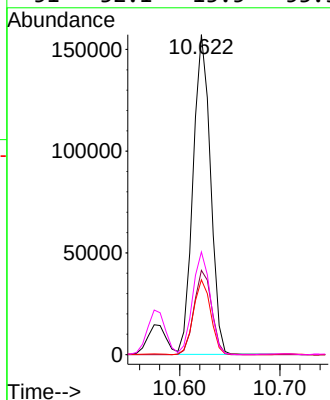
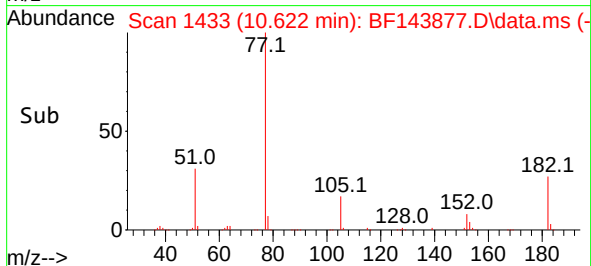
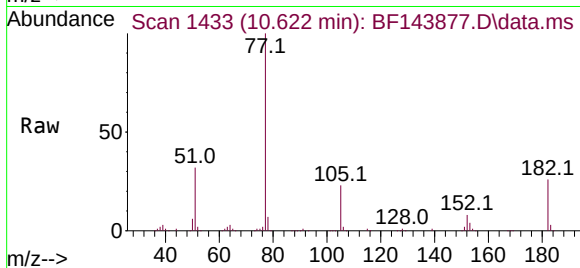
SSTDICC010

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

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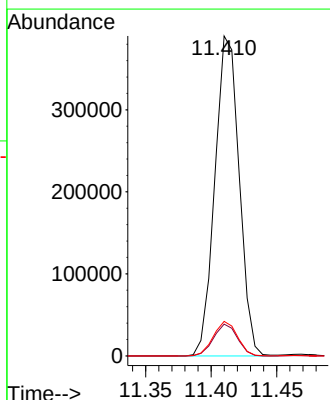
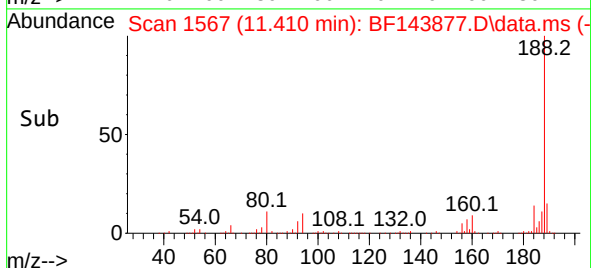
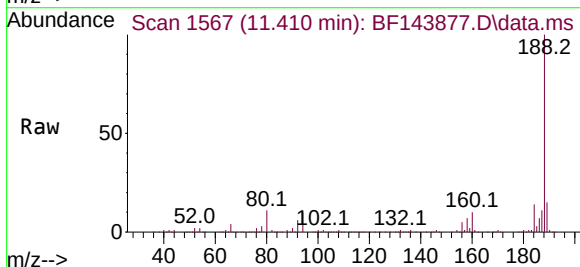
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

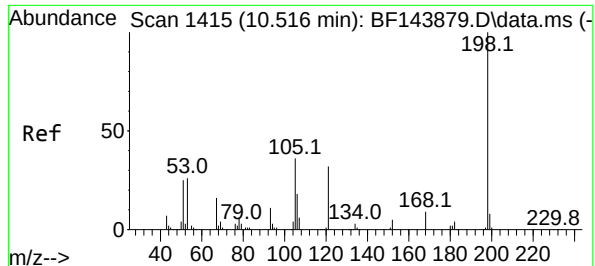


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

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

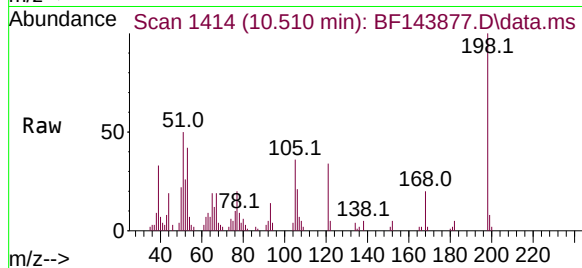






#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.421 ng  
RT: 10.510 min Scan# 1415  
Delta R.T. -0.023 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

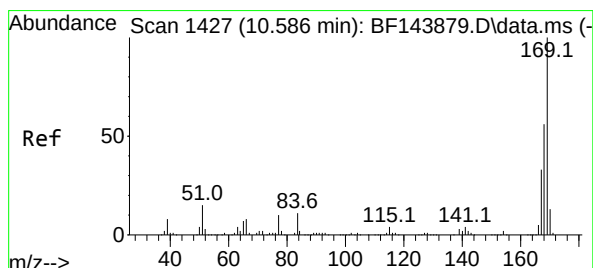
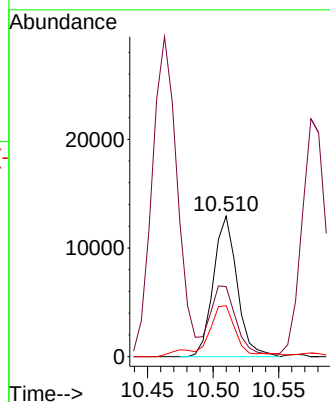
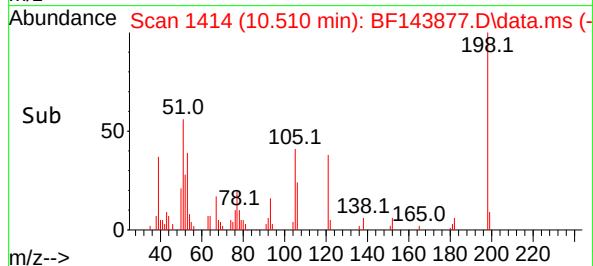
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

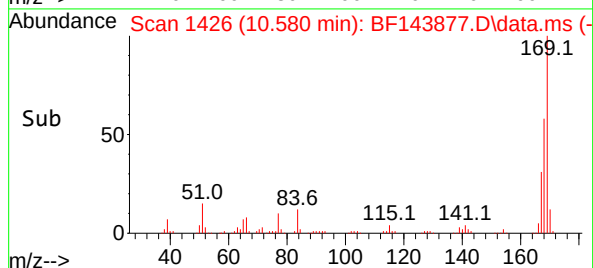
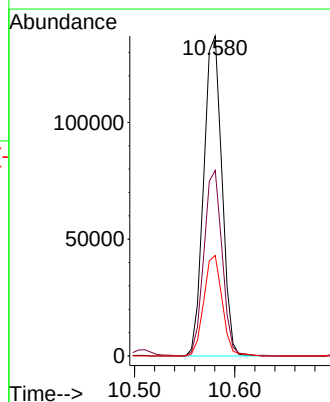
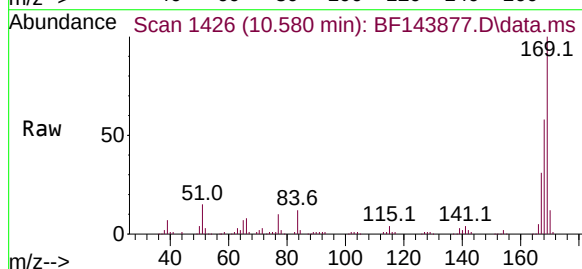
Manual Integrations  
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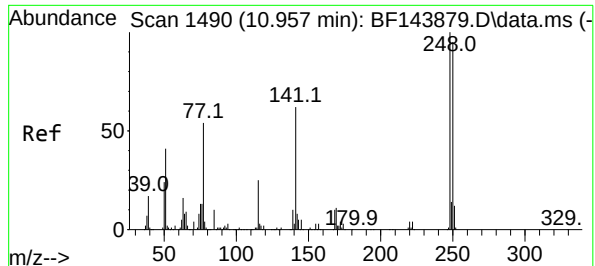
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

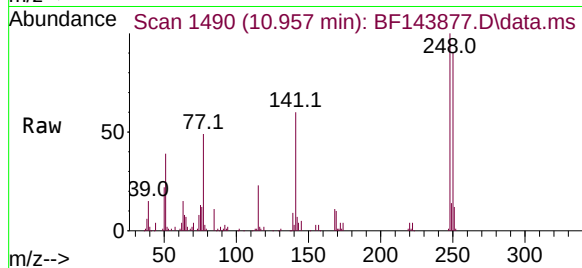
Tgt Ion:169 Resp: 172118  
Ion Ratio Lower Upper  
169 100  
168 58.0 44.9 67.3  
167 31.4 26.3 39.5





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

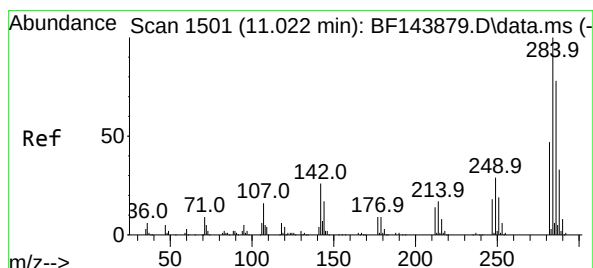
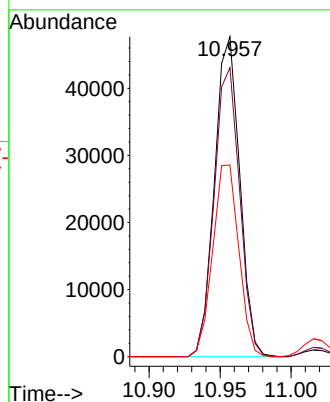
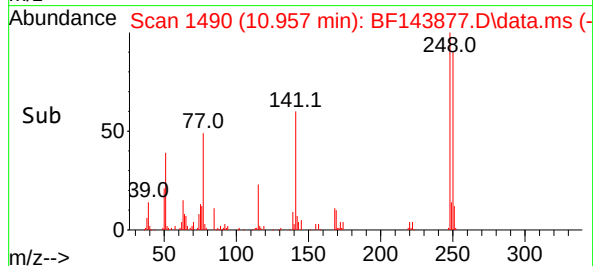
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

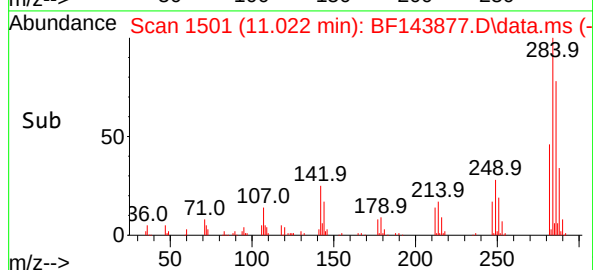
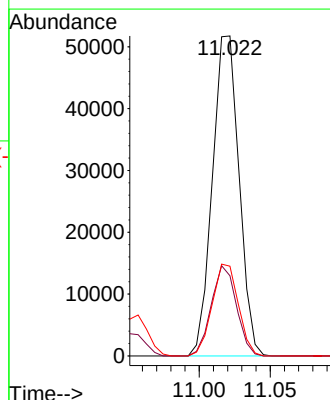
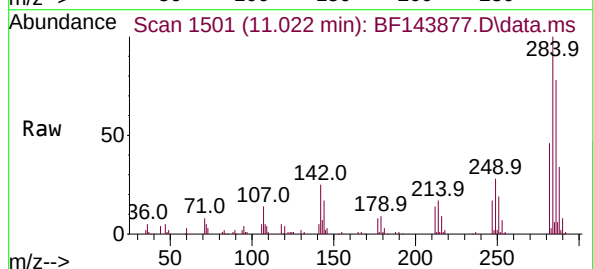
Manual Integrations  
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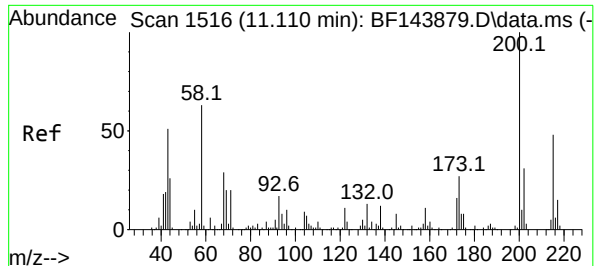
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#69

Atrazine

Concen: 10.837 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 52016

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

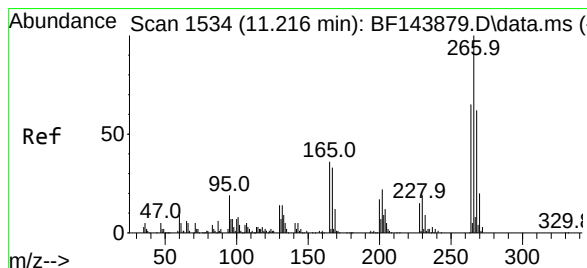
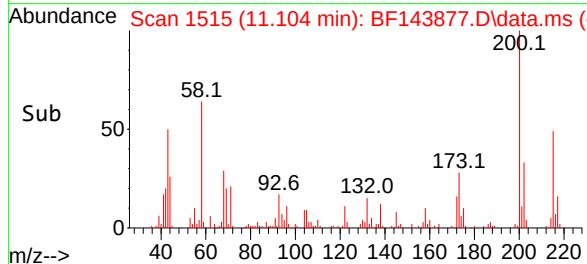
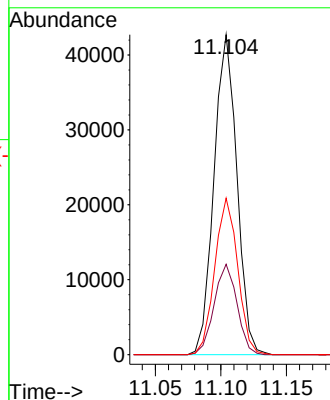
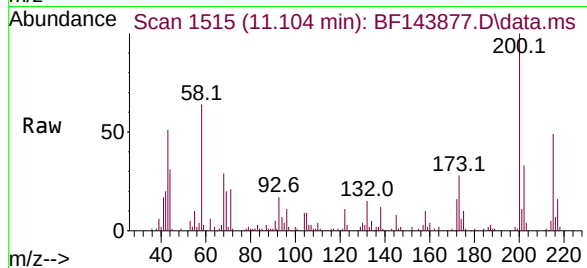
215 48.9 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 7.989 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

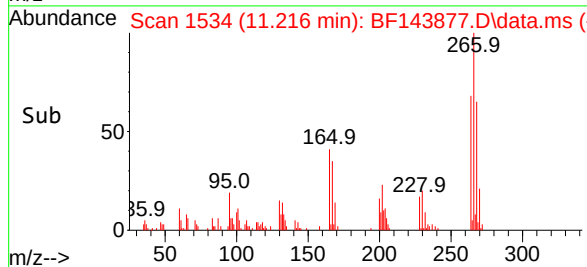
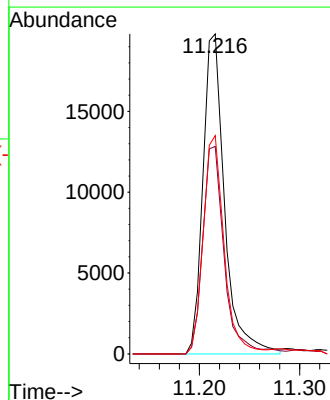
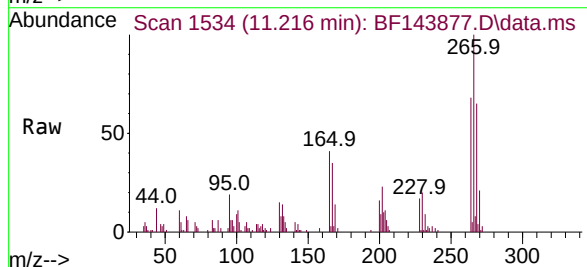
Tgt Ion:266 Resp: 29608

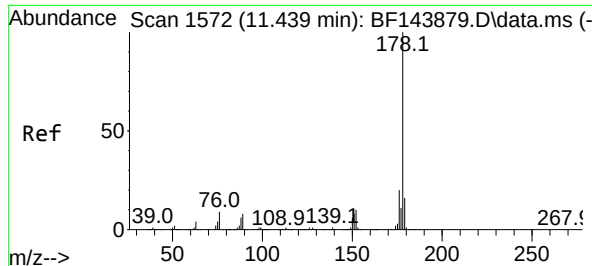
Ion Ratio Lower Upper

266 100

268 64.8 49.4 74.0

264 68.2 51.8 77.6





#71

Phenanthrene

Concen: 11.267 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:178 Resp: 275484

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

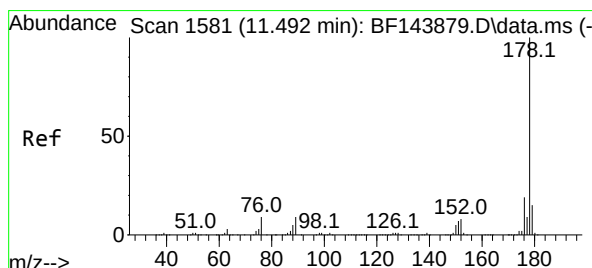
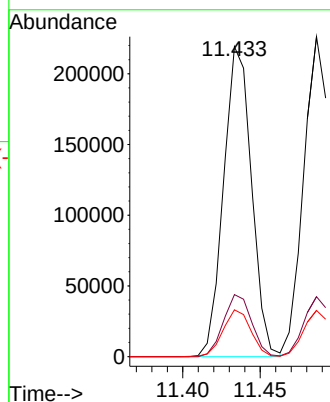
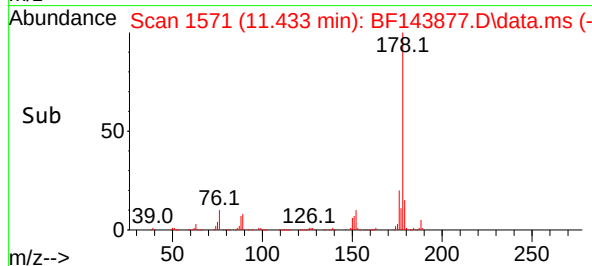
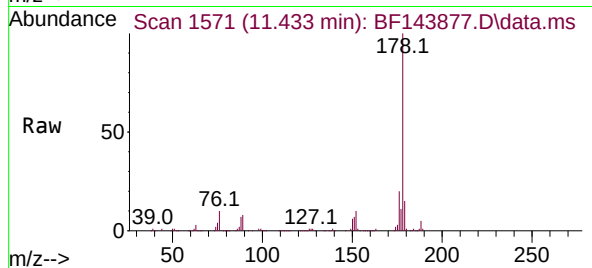
179 15.1 12.4 18.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#72

Anthracene

Concen: 11.201 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

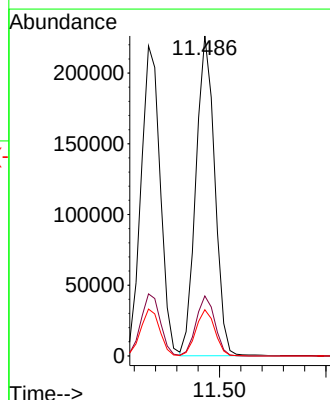
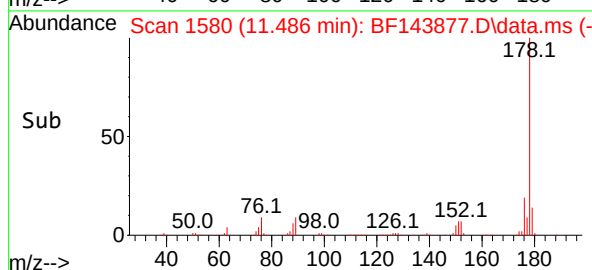
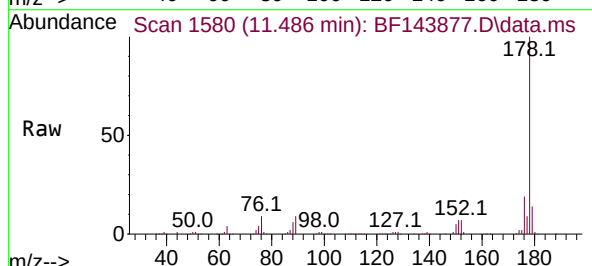
Tgt Ion:178 Resp: 276694

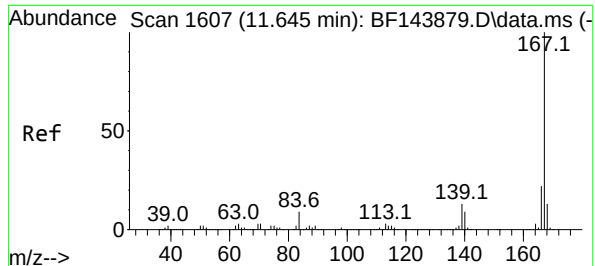
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

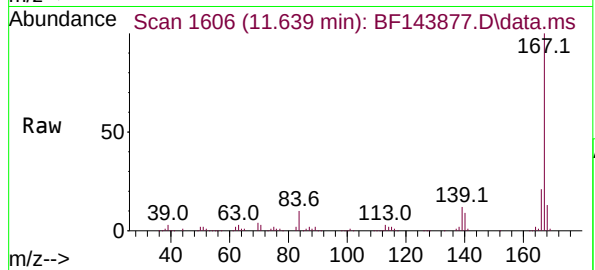
179 14.4 12.2 18.2





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

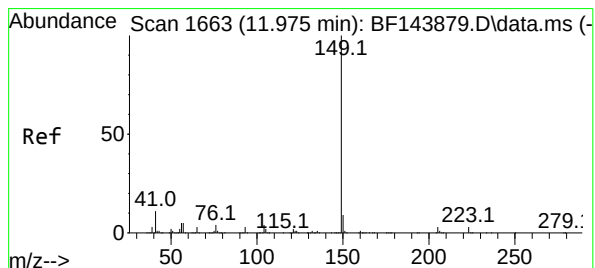
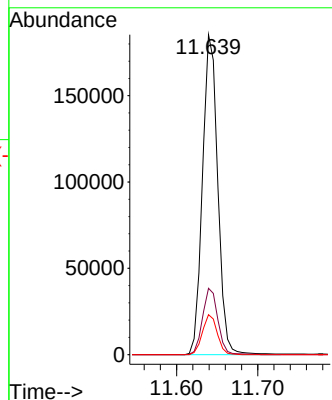
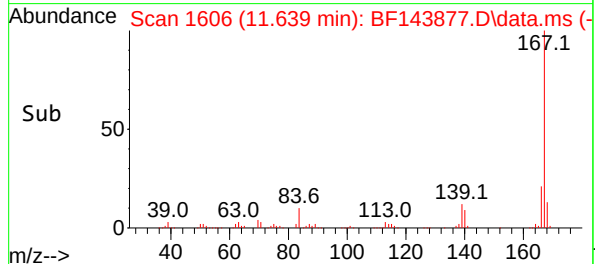
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

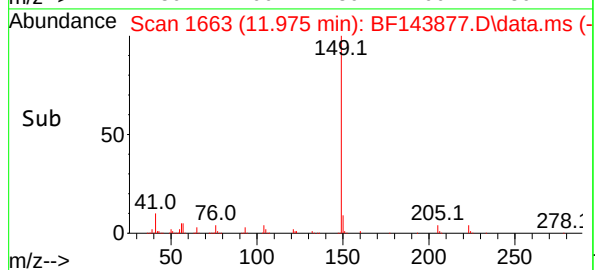
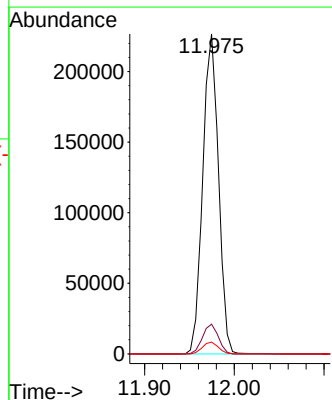
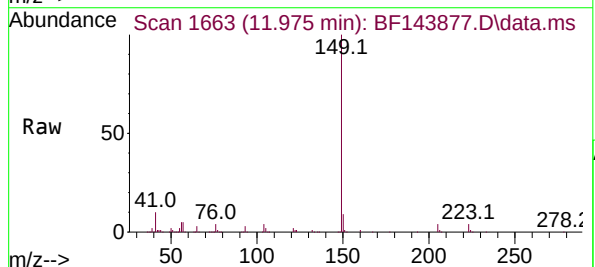
Manual Integrations  
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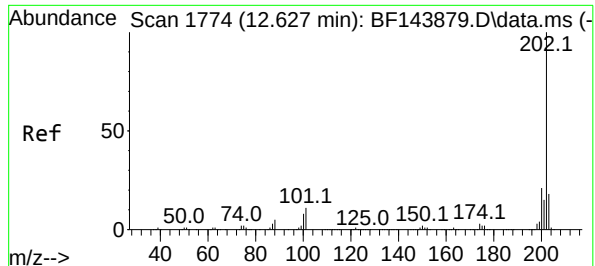
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

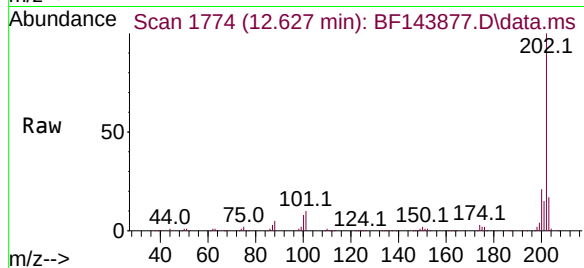
Tgt Ion:149 Resp: 275838  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 3.7 3.4 5.2





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

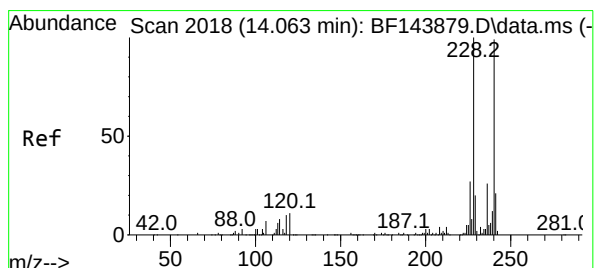
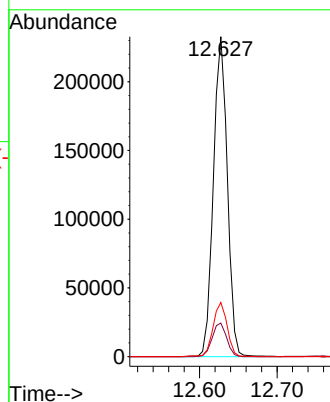
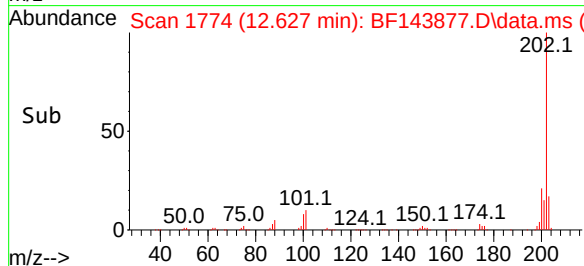
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

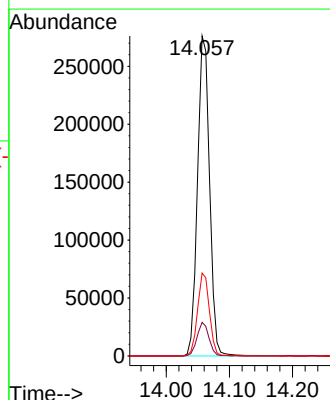
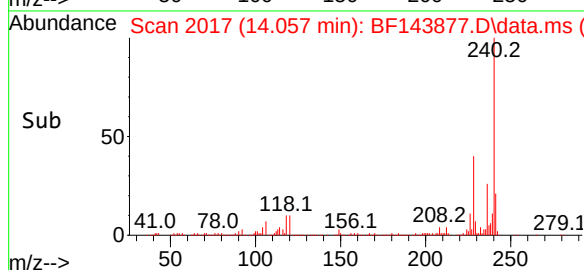
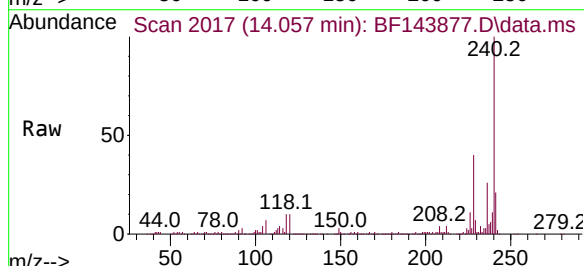
Manual Integrations  
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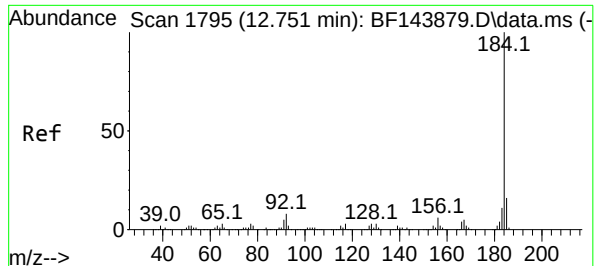
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#77

Benzidine

Concen: 10.092 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

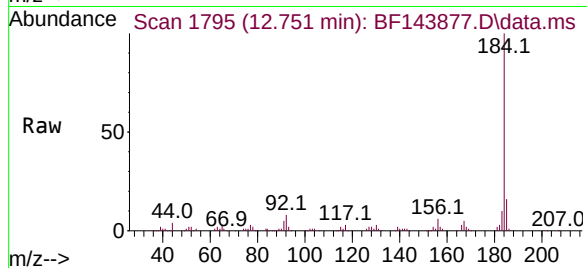
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:184 Resp: 128424

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

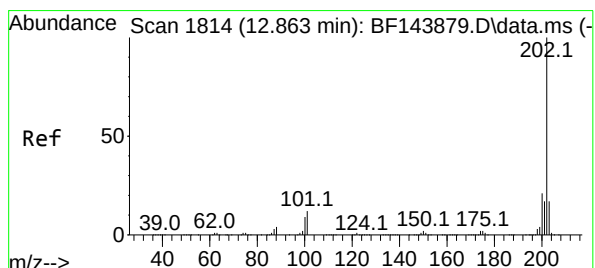
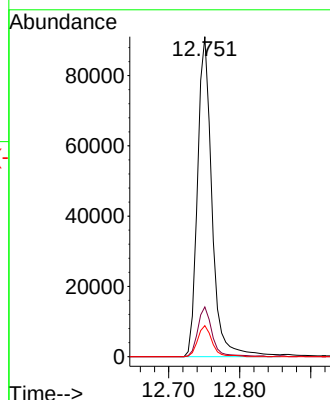
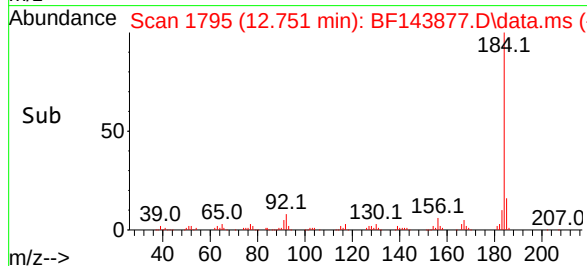
183 9.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 9.975 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

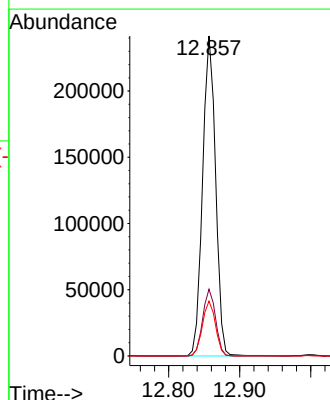
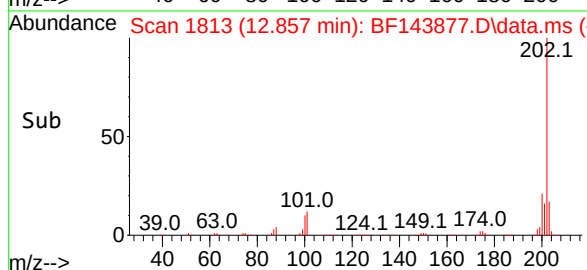
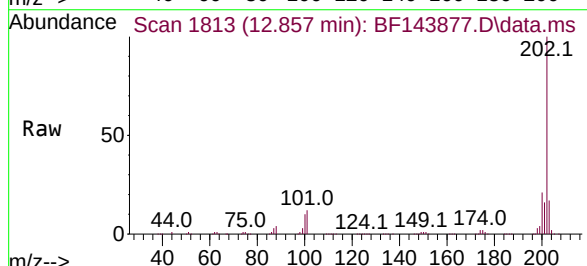
Tgt Ion:202 Resp: 304789

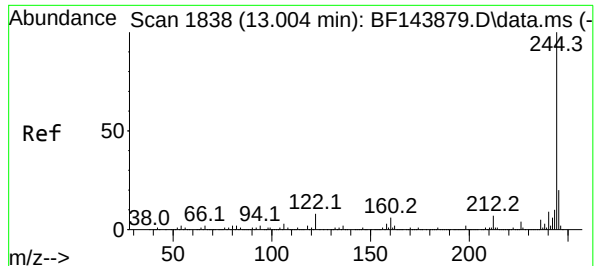
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 20.657 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 442968

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

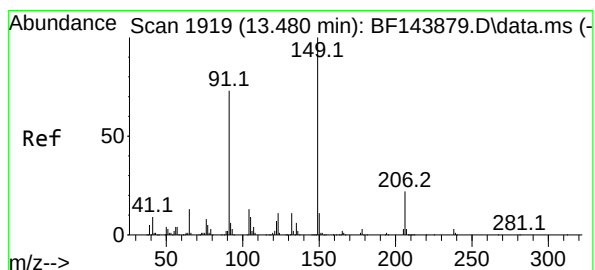
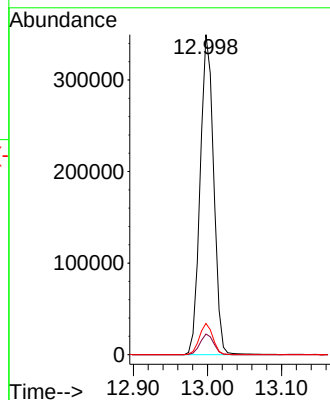
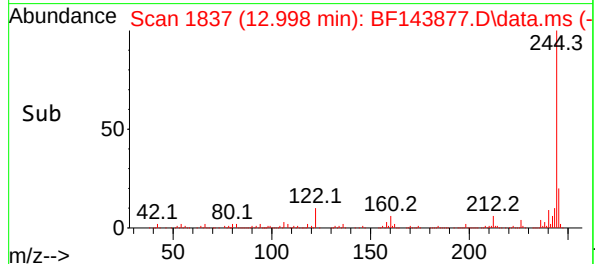
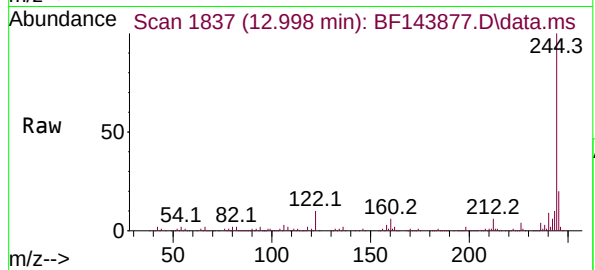
122 9.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 9.296 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

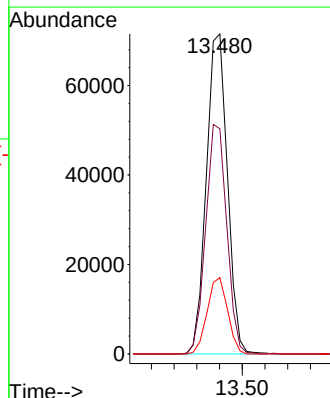
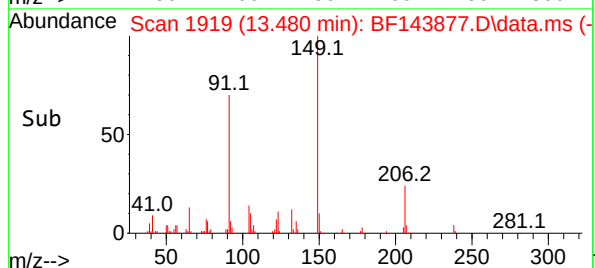
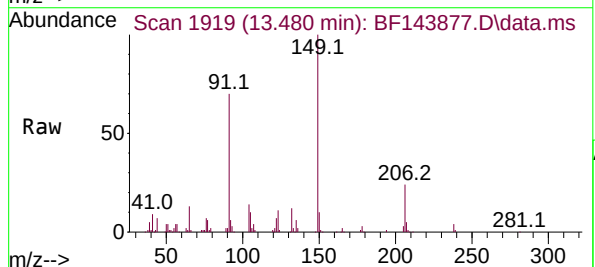
Tgt Ion:149 Resp: 92241

Ion Ratio Lower Upper

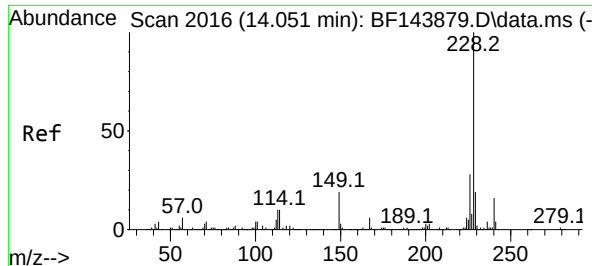
149 100

91 70.3 58.2 87.2

206 23.8 17.9 26.9







#81

Benzo(a)anthracene

Concen: 10.293 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

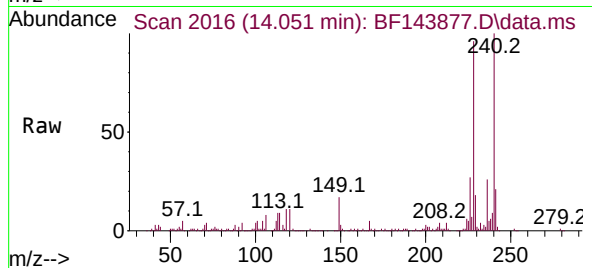
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:228 Resp: 24687

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

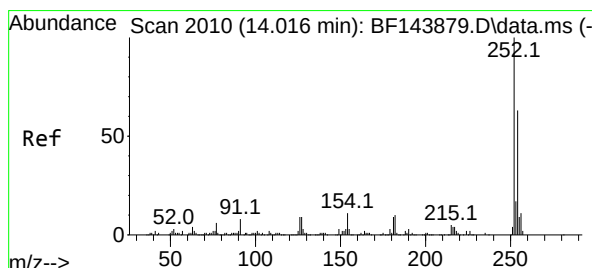
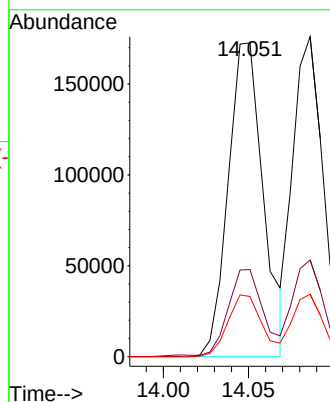
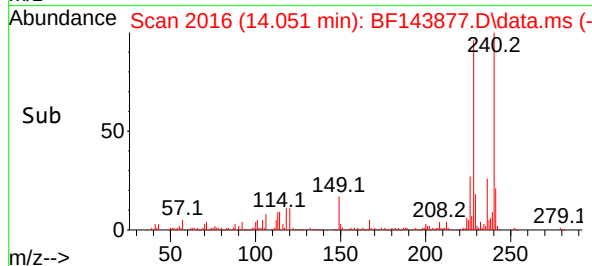
229 19.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

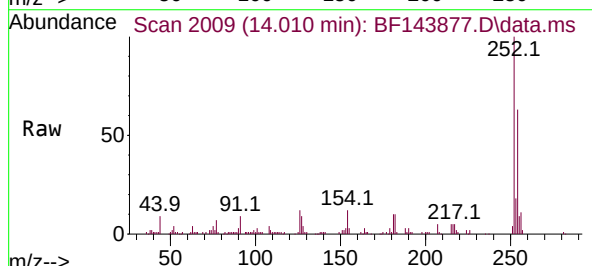
Concen: 9.129 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



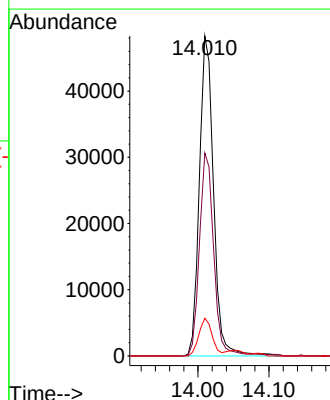
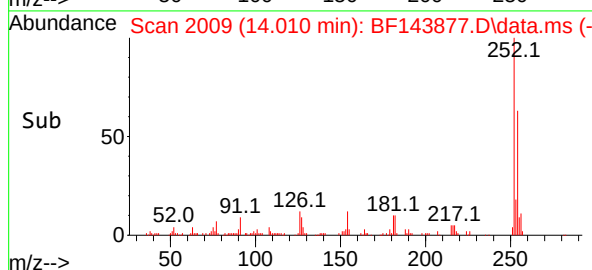
Tgt Ion:252 Resp: 66722

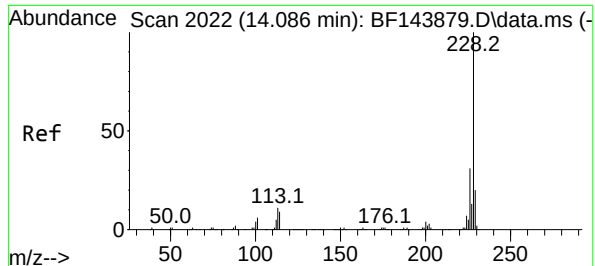
Ion Ratio Lower Upper

252 100

254 63.4 50.6 76.0

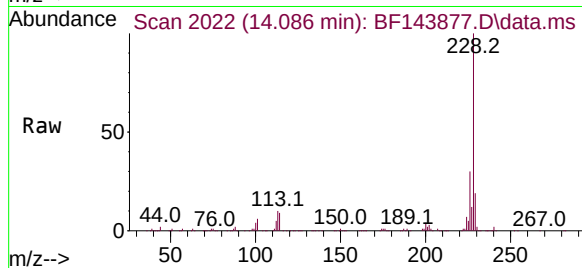
126 11.8 7.0 10.6#





#83  
Chrysene  
Concen: 9.809 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

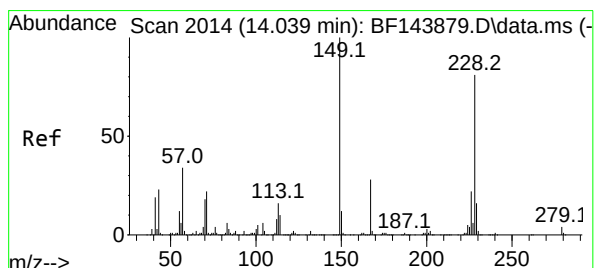
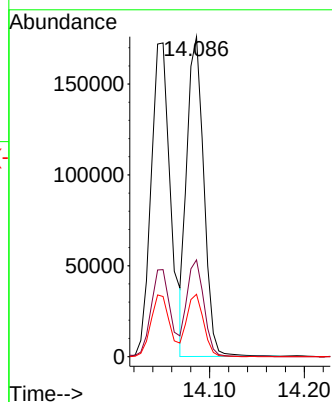
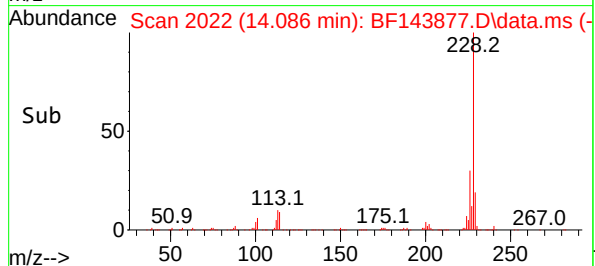
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:228 Resp: 21774  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.4 36.6  
229 19.5 15.9 23.9

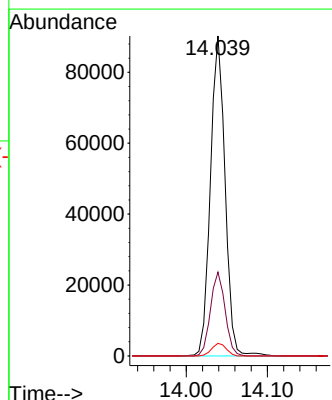
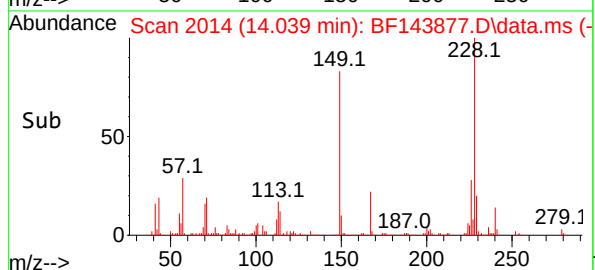
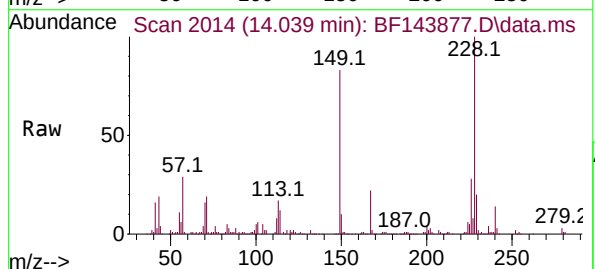
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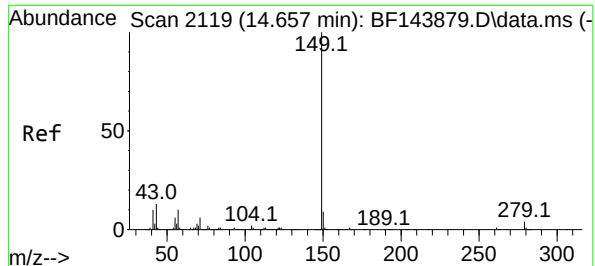
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.483 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

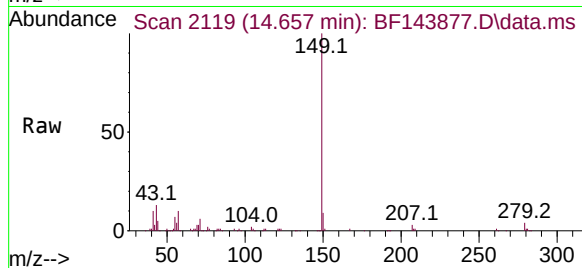
Tgt Ion:149 Resp: 113431  
Ion Ratio Lower Upper  
149 100  
167 26.2 22.2 33.4  
279 3.9 3.1 4.7





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

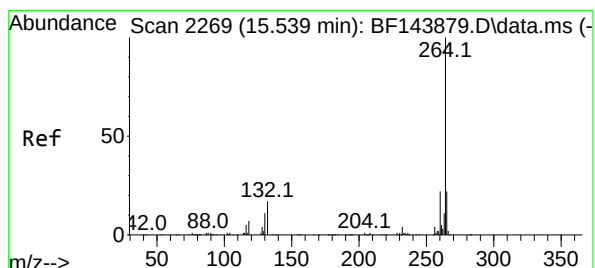
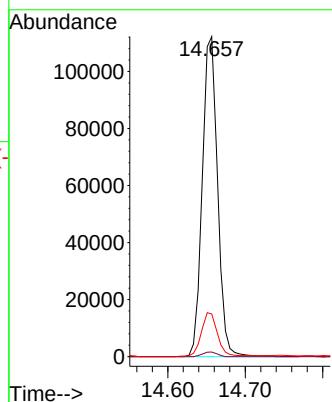
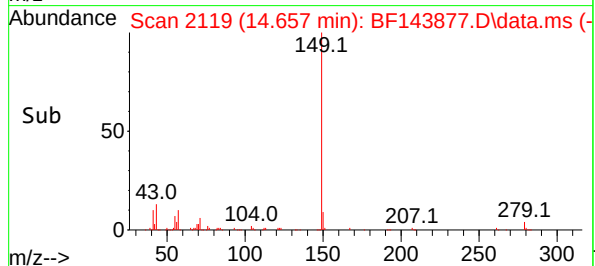
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

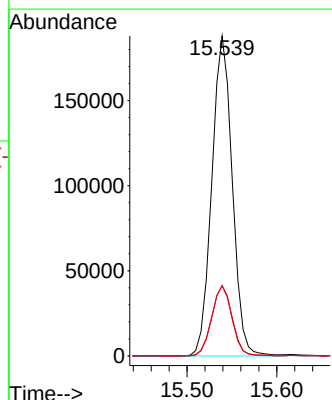
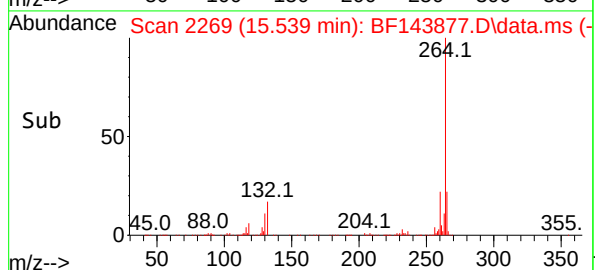
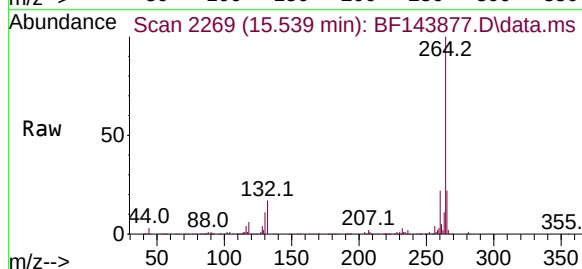
Manual Integrations  
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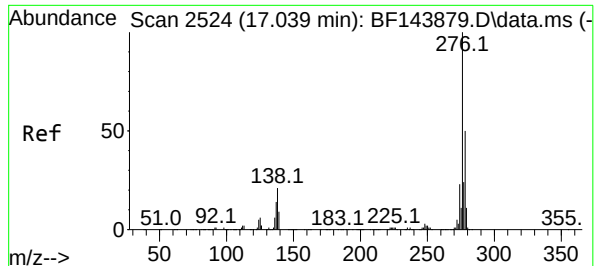
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.011 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 164200

Ion Ratio Lower Upper

276 100

138 26.2 18.2 27.2

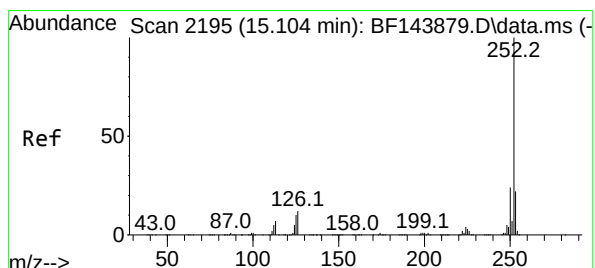
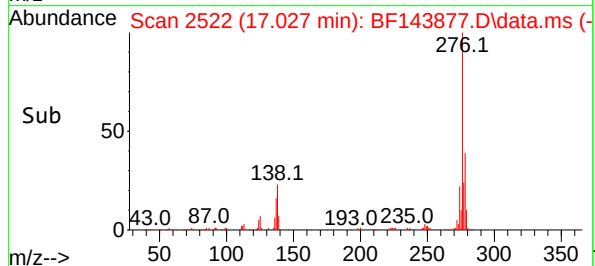
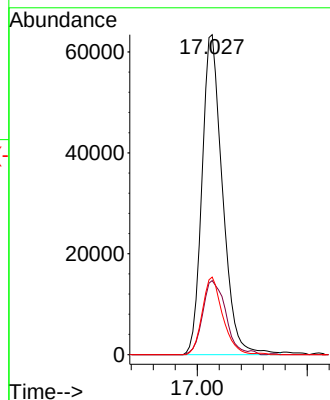
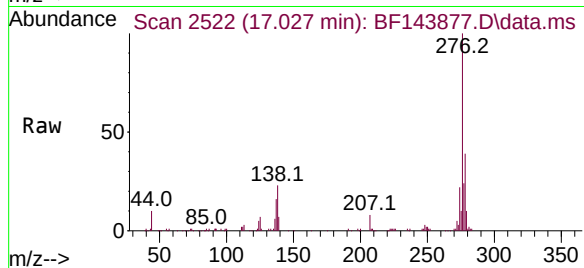
277 24.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 9.901 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

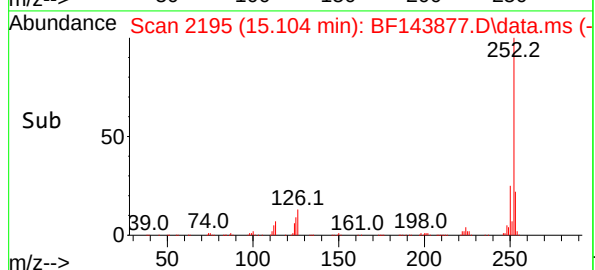
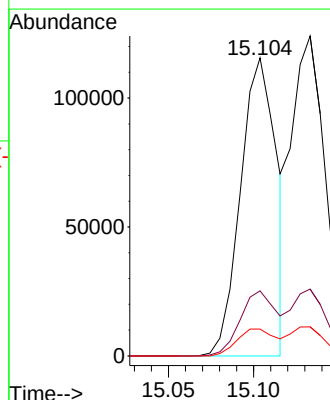
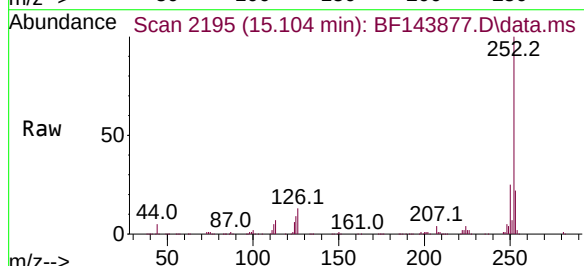
Tgt Ion:252 Resp: 169146

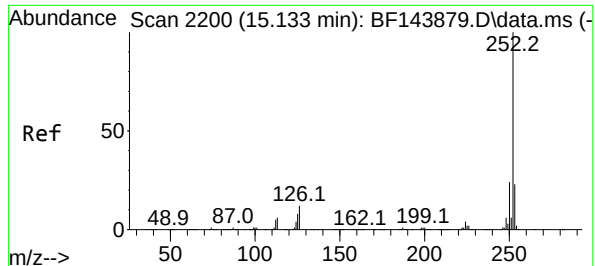
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 11.032 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 174390

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

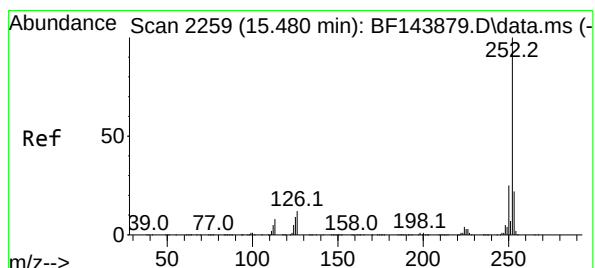
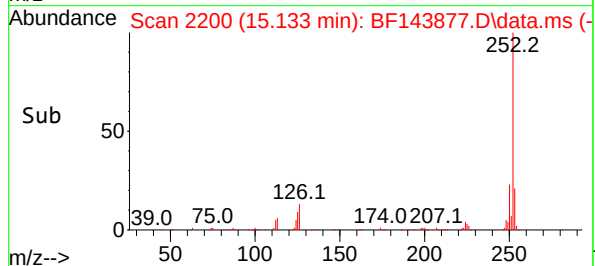
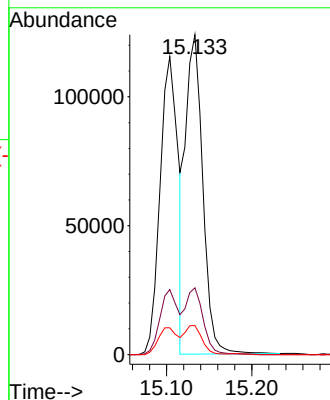
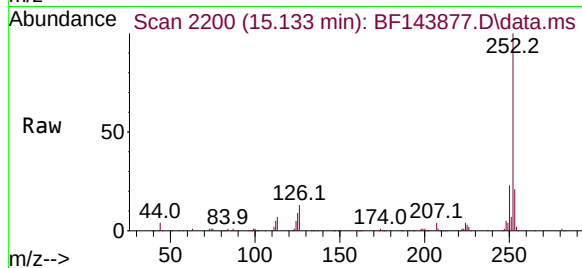
125 9.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 10.096 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

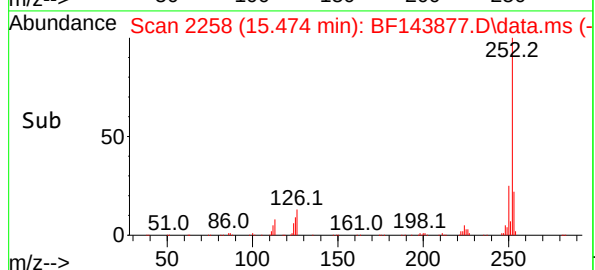
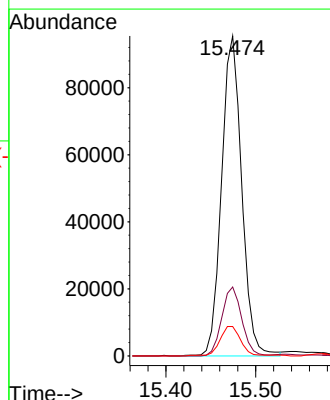
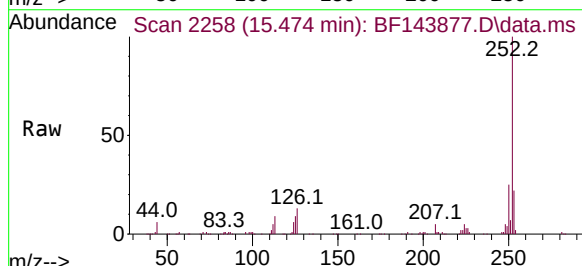
Tgt Ion:252 Resp: 149543

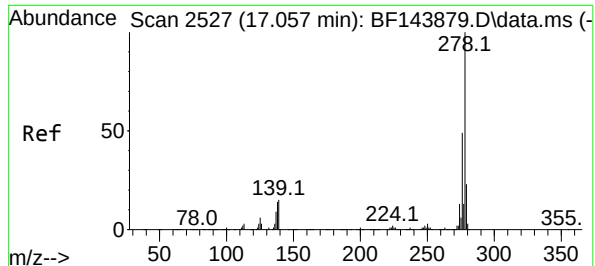
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

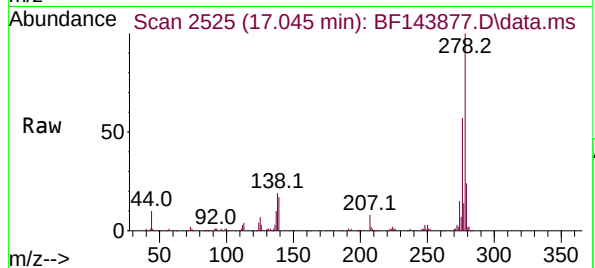
125 9.2 7.0 10.4





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

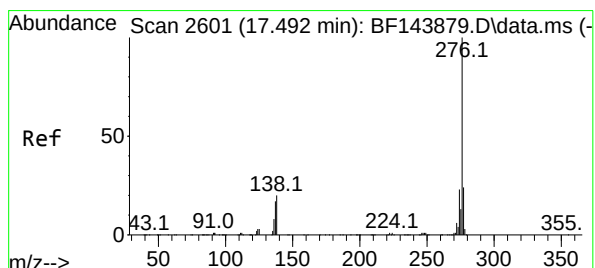
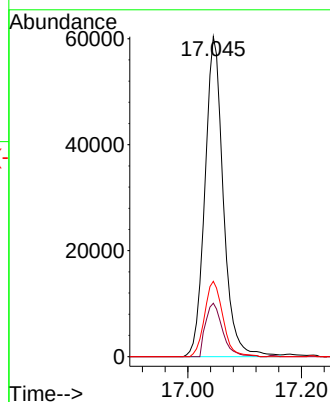
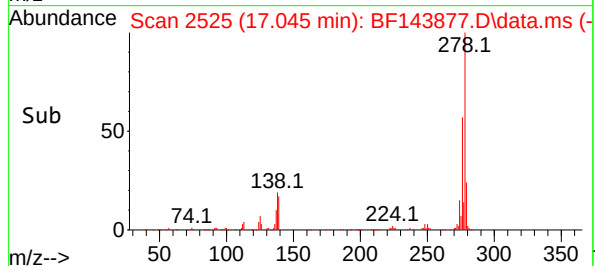
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



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

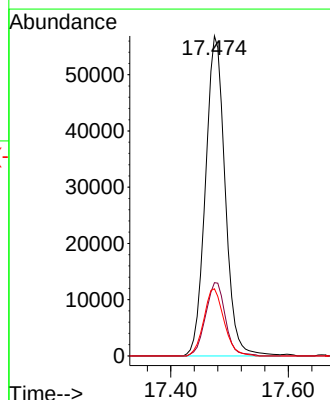
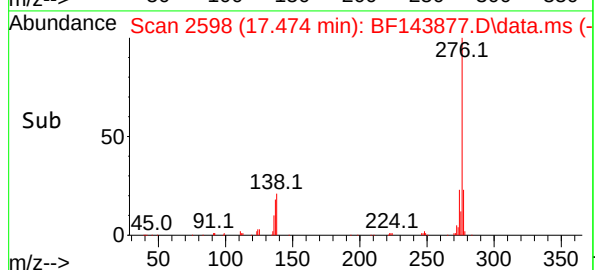
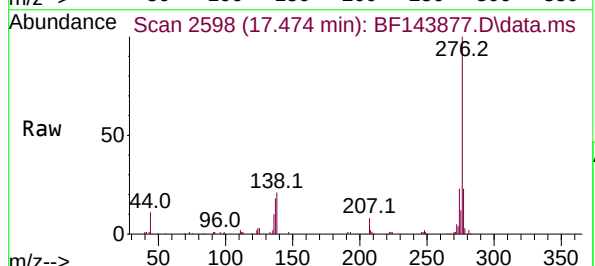
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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



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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

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

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

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

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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

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

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

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

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



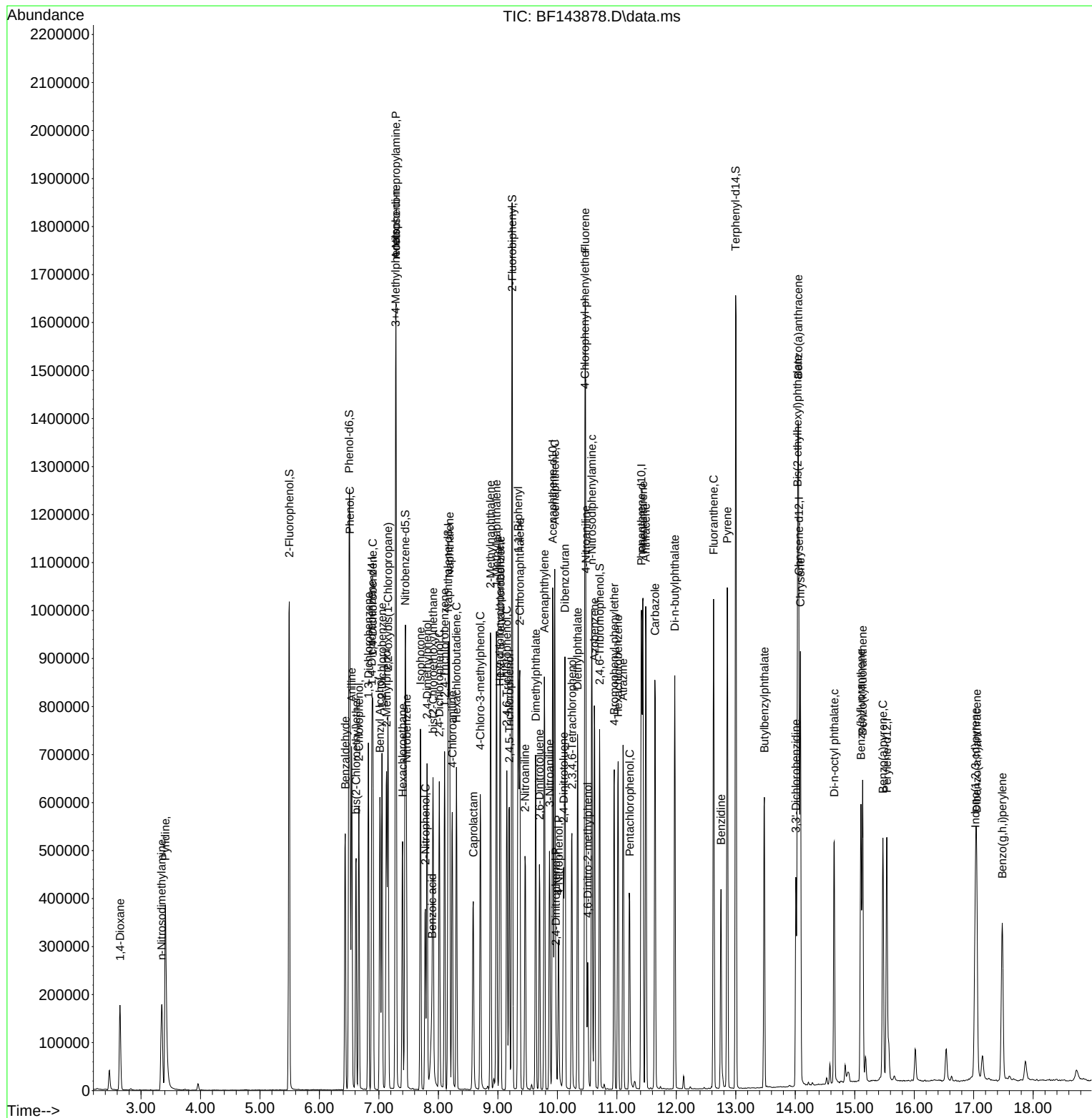
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Acq On    : 06 Oct 2025  11:56  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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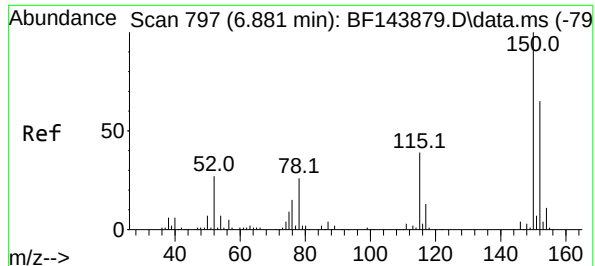
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations

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

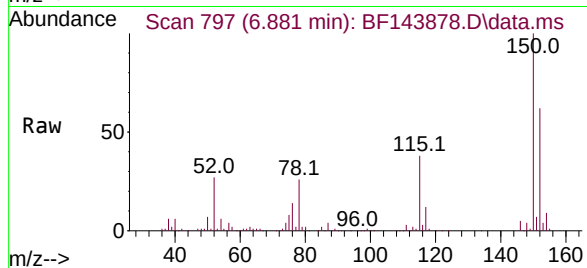
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





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

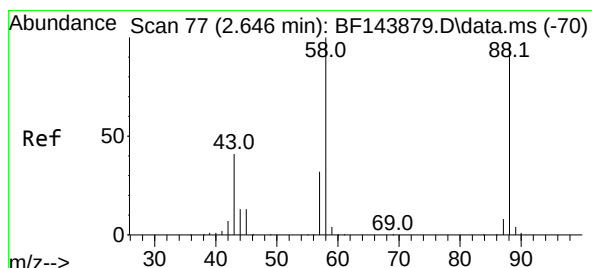
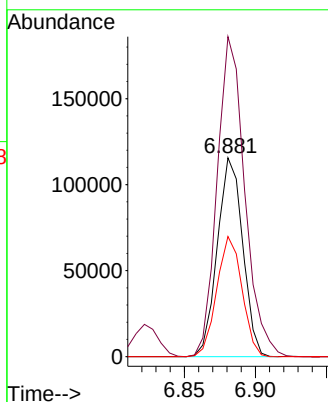
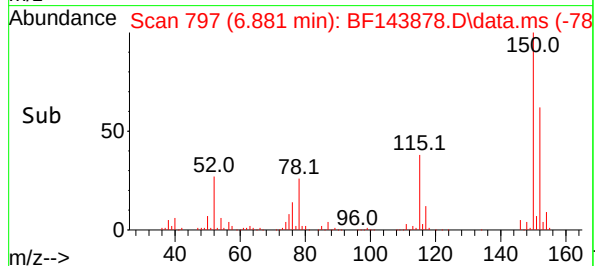
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



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

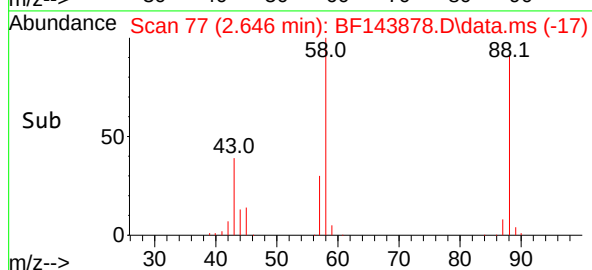
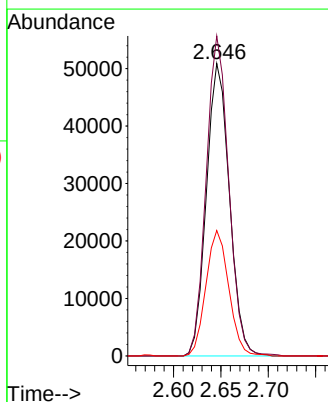
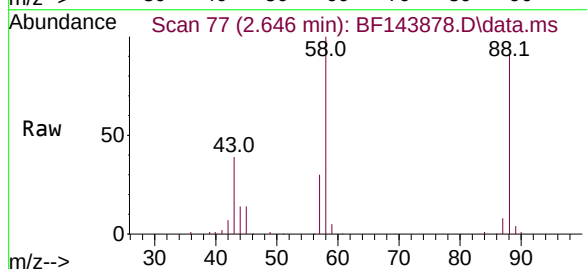
Manual Integrations  
APPROVED

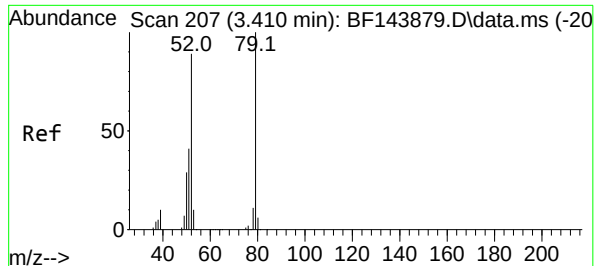
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

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





#3

Pyridine

Concen: 20.618 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143878.D

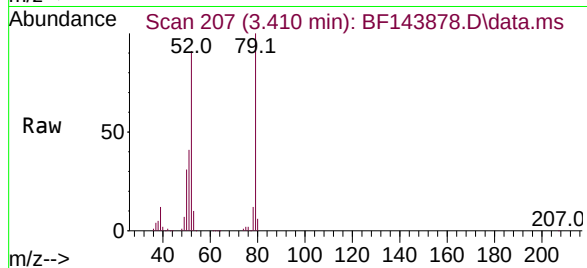
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion: 79 Resp: 251988

Ion Ratio Lower Upper

79 100

52 90.7 71.5 107.3

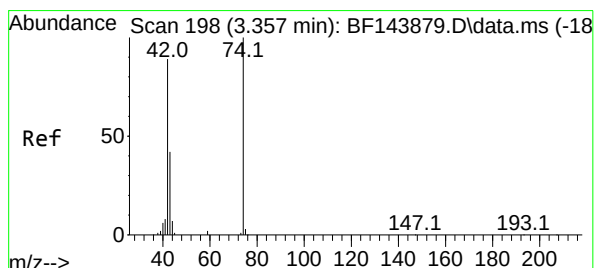
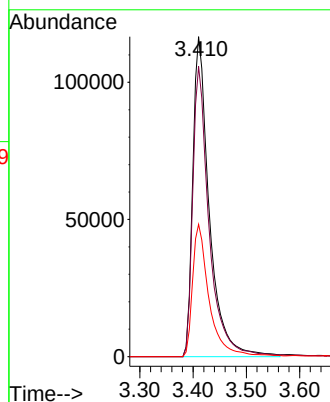
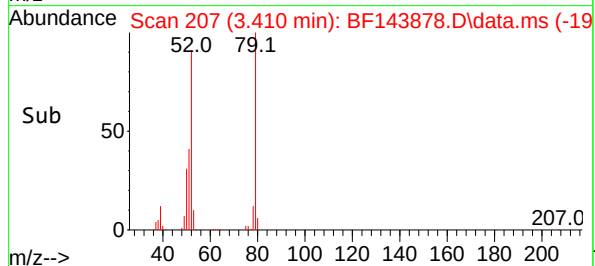
51 41.3 32.9 49.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

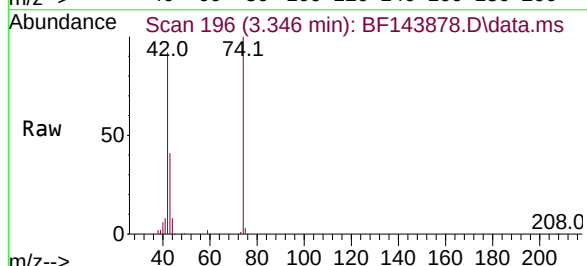
Concen: 20.051 ng

RT: 3.346 min Scan# 196

Delta R.T. -0.041 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



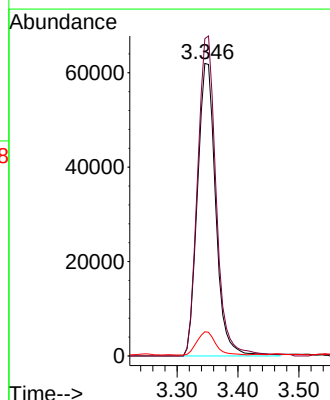
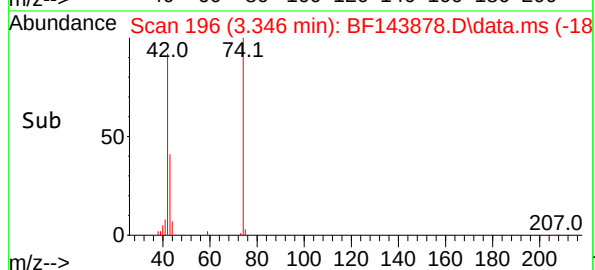
Tgt Ion: 42 Resp: 128915

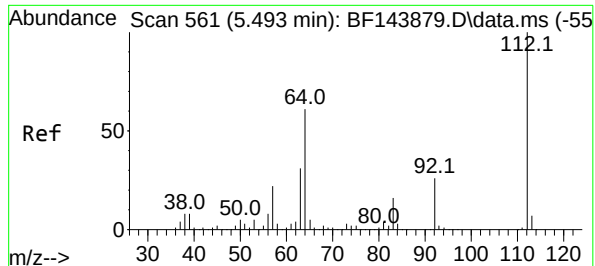
Ion Ratio Lower Upper

42 100

74 108.5 90.0 135.0

44 8.2 6.2 9.2





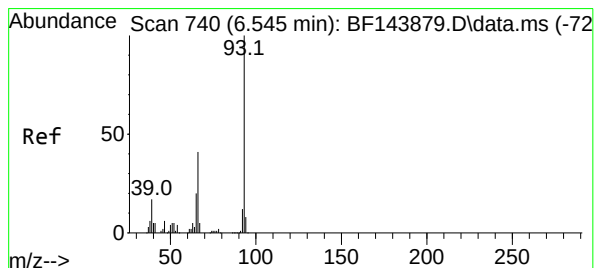
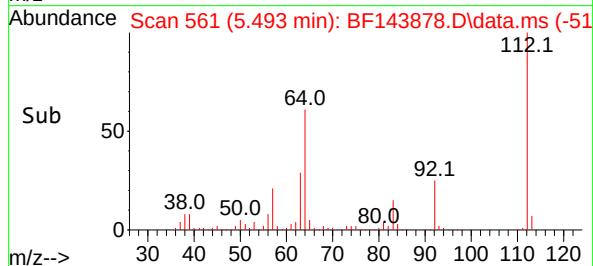
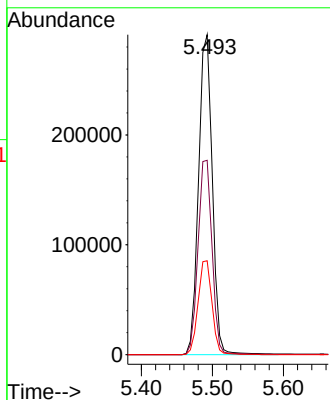
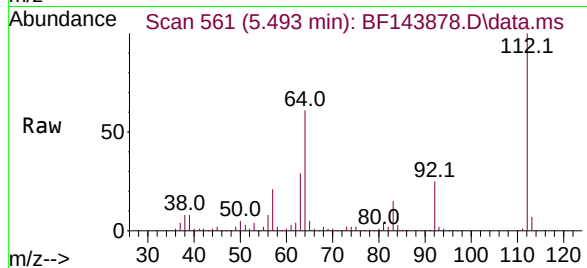
#5  
2-Fluorophenol  
Concen: 42.947 ng  
RT: 5.493 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:112 Resp: 38964  
Ion Ratio Lower Upper  
112 100  
64 60.7 49.1 73.7  
63 29.3 24.5 36.7

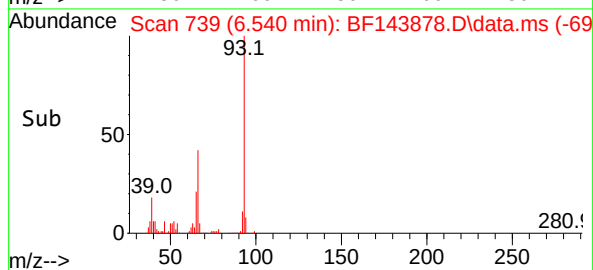
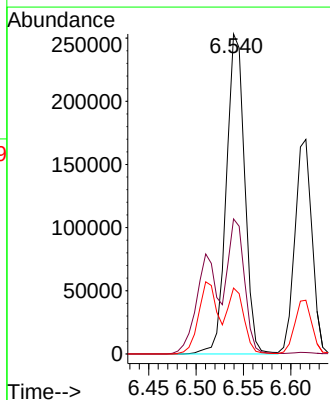
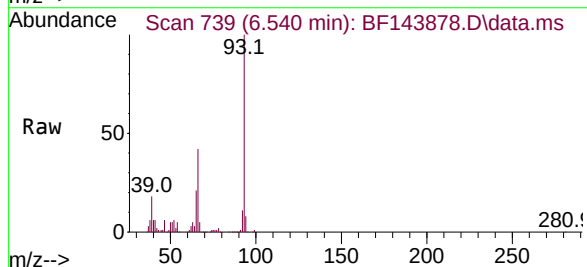
Manual Integrations  
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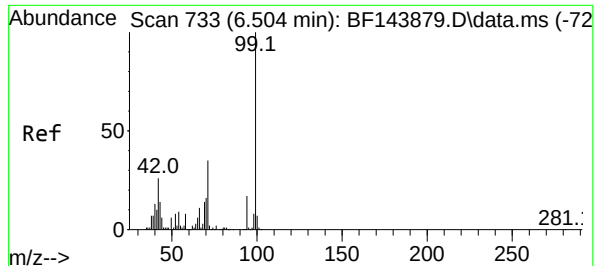
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



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

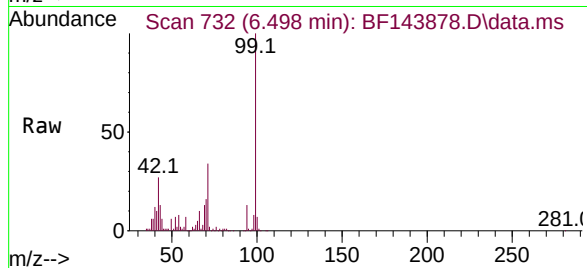
Tgt Ion: 93 Resp: 340202  
Ion Ratio Lower Upper  
93 100  
66 42.2 33.0 49.6  
65 20.6 15.8 23.8





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

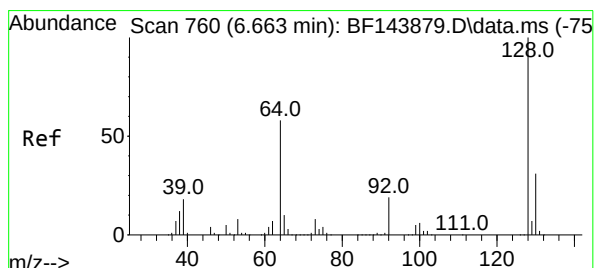
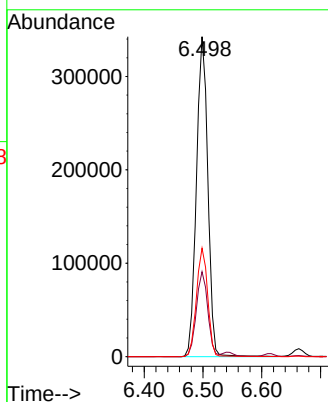
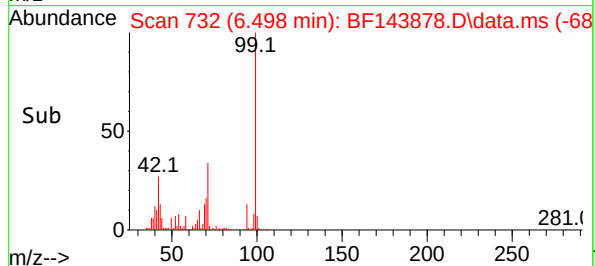
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



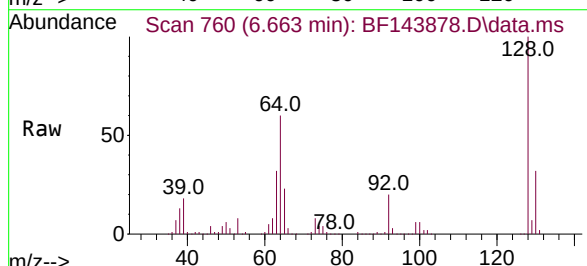
Tgt Ion: 99 Resp: 461437  
Ion Ratio Lower Upper  
99 100  
42 26.5 21.0 31.4  
71 33.9 27.8 41.8

Manual Integrations  
APPROVED

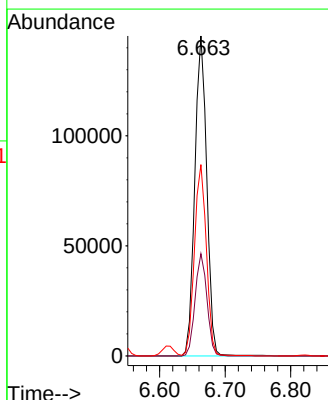
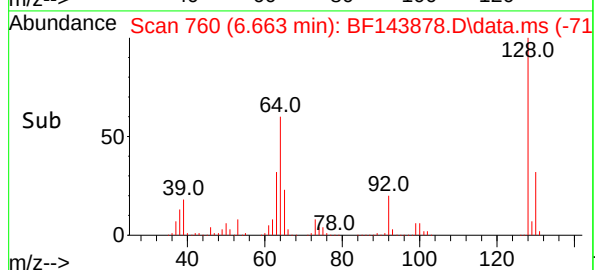
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

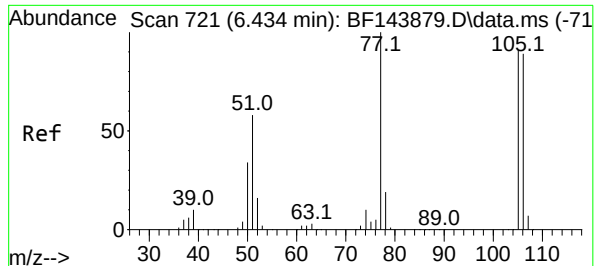


#8  
2-Chlorophenol  
Concen: 20.704 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



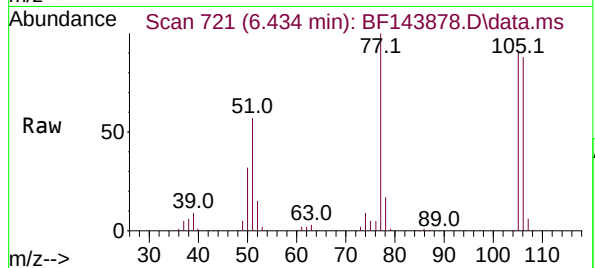
Tgt Ion:128 Resp: 183611  
Ion Ratio Lower Upper  
128 100  
130 31.9 10.7 50.7  
64 59.8 39.0 79.0





#9  
Benzaldehyde  
Concen: 17.715 ng  
RT: 6.434 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

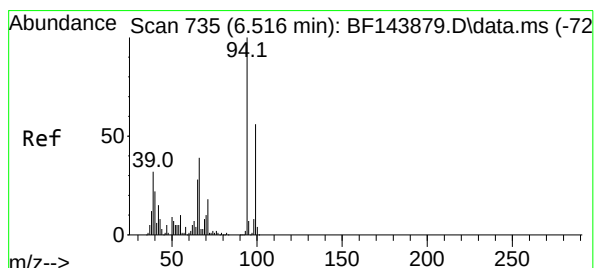
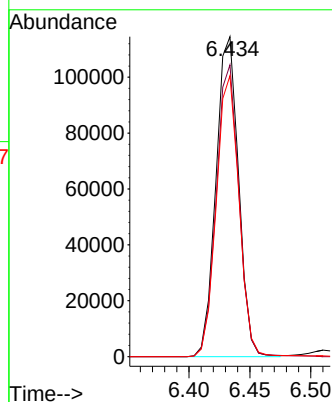
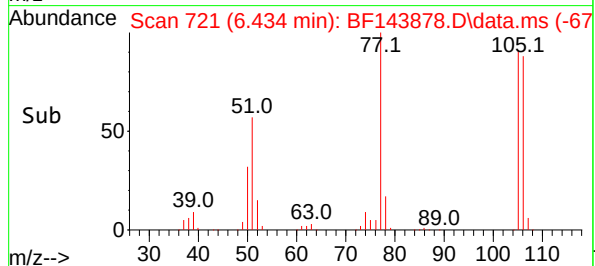
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 77 Resp: 147781  
Ion Ratio Lower Upper  
77 100  
105 91.2 70.9 110.9  
106 87.8 68.9 108.9

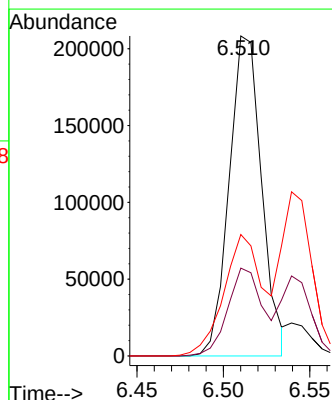
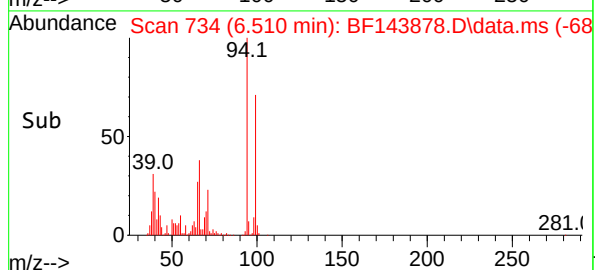
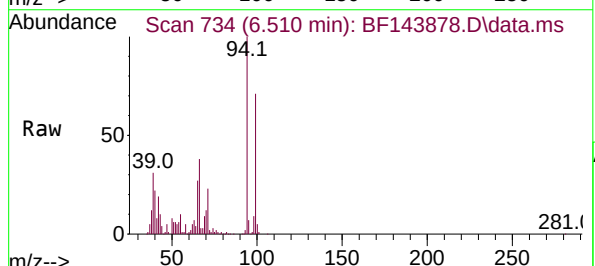
Manual Integrations  
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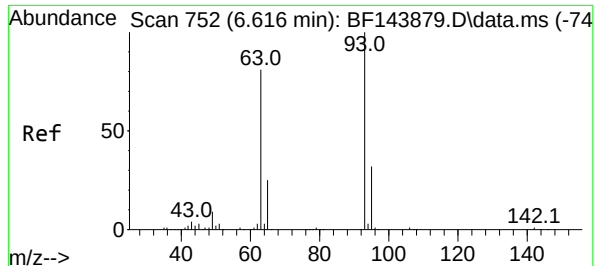
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#10  
Phenol  
Concen: 21.046 ng m  
RT: 6.510 min Scan# 734  
Delta R.T. -0.023 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion: 94 Resp: 272100  
Ion Ratio Lower Upper  
94 100  
65 27.4 8.5 48.5  
66 37.9 19.9 59.9





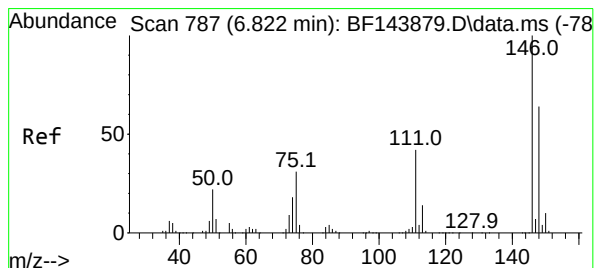
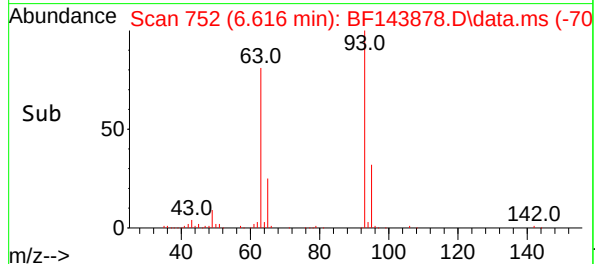
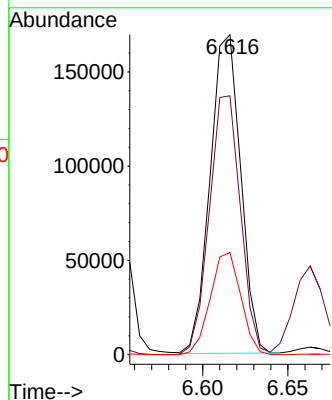
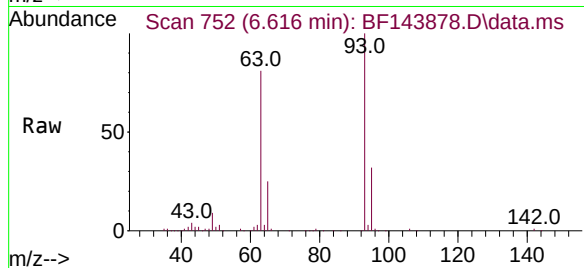
#11  
bis(2-Chloroethyl)ether  
Concen: 21.157 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

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

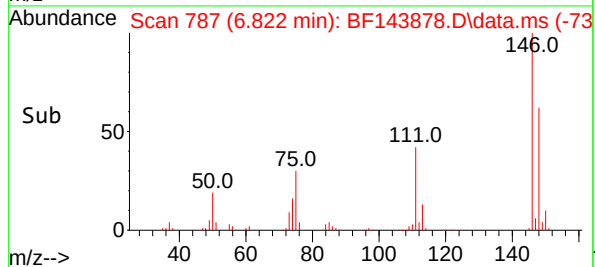
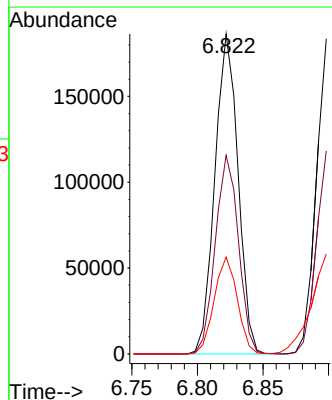
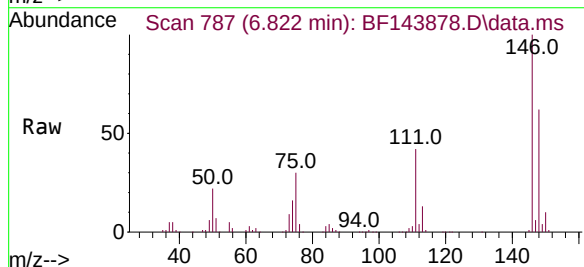
Manual Integrations  
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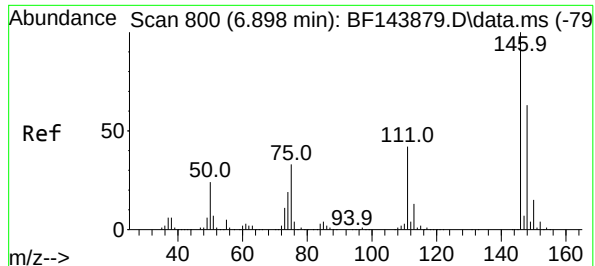
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 21.566 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:146 Resp: 228938  
Ion Ratio Lower Upper  
146 100  
148 62.0 51.0 76.4  
75 30.2 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 21.554 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 225703

Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

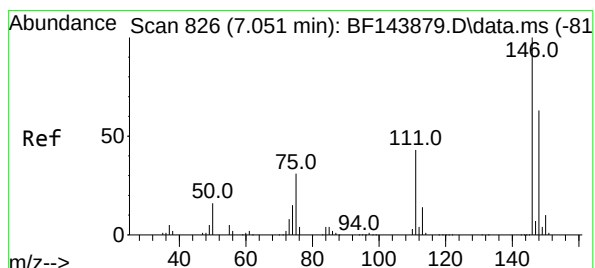
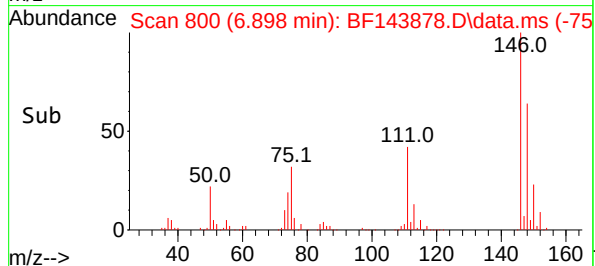
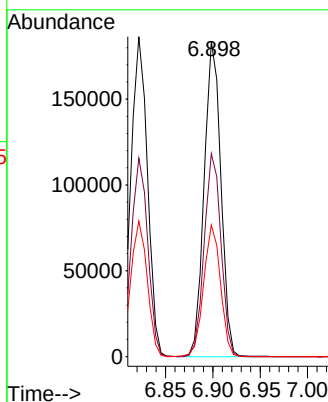
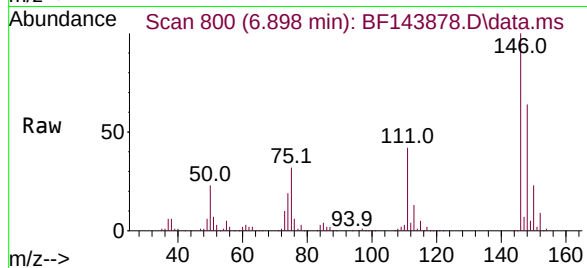
111 41.8 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 21.555 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

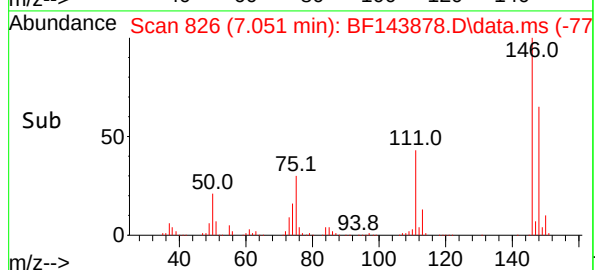
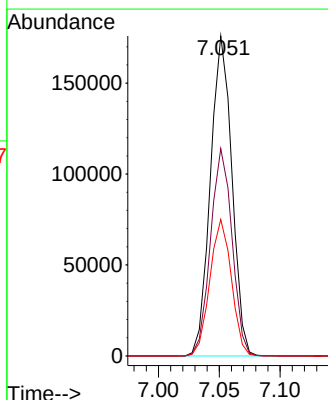
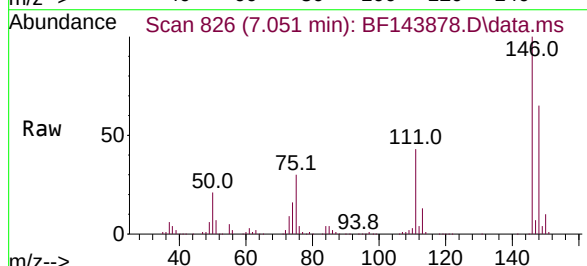
Tgt Ion:146 Resp: 216196

Ion Ratio Lower Upper

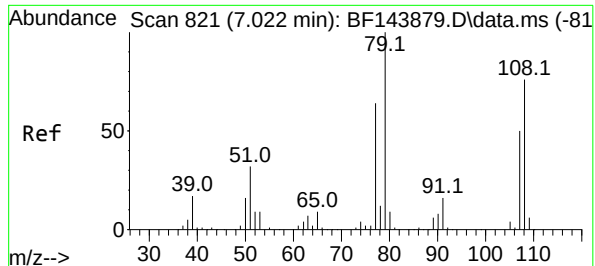
146 100

148 64.8 50.6 75.8

111 42.6 34.6 51.8







#15

Benzyl Alcohol

Concen: 20.241 ng

RT: 7.016 min Scan# 821

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 164008

Ion Ratio Lower Upper

79 100

108 73.6 60.8 91.2

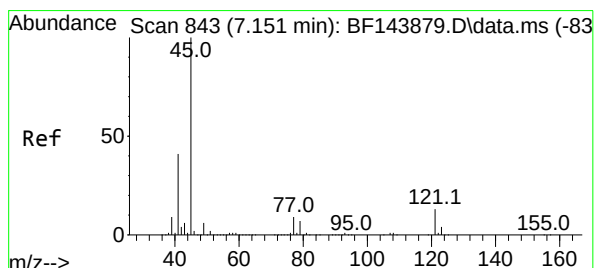
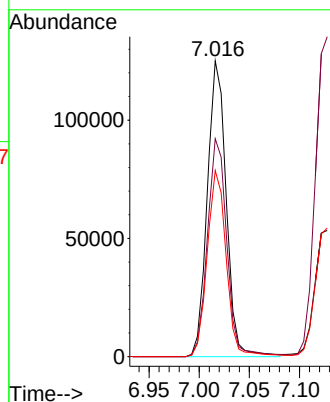
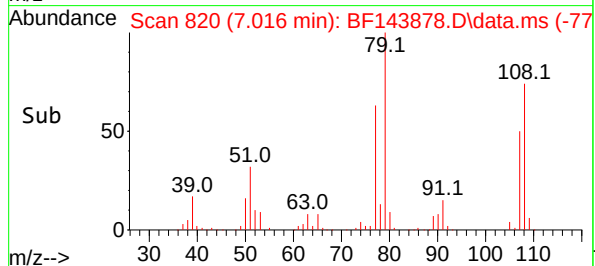
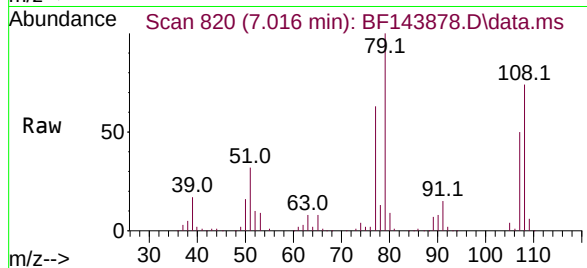
77 62.9 51.0 76.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.745 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

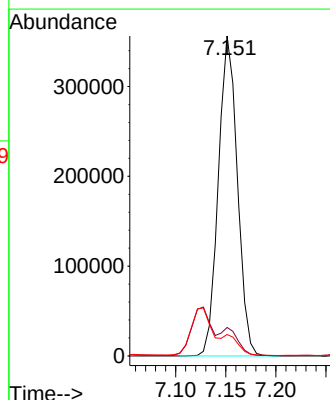
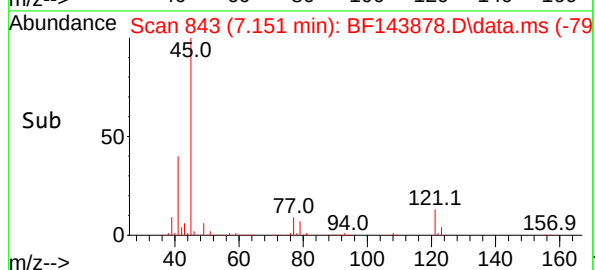
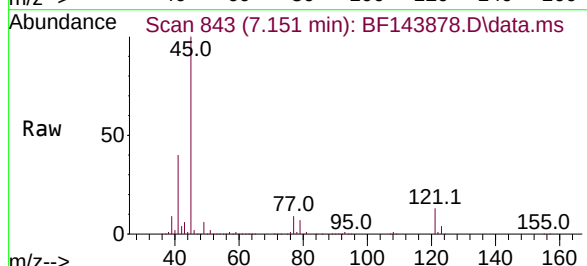
Tgt Ion: 45 Resp: 471598

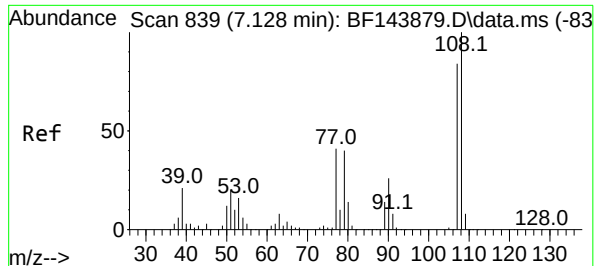
Ion Ratio Lower Upper

45 100

77 8.9 0.0 29.0

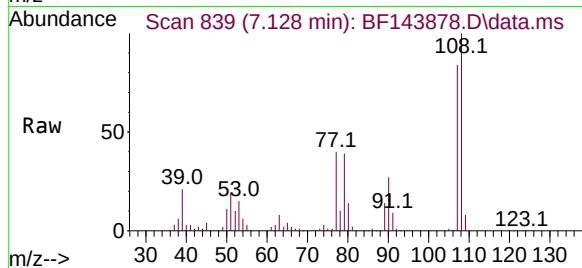
79 6.7 0.0 26.8





#17  
2-Methylphenol  
Concen: 20.616 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

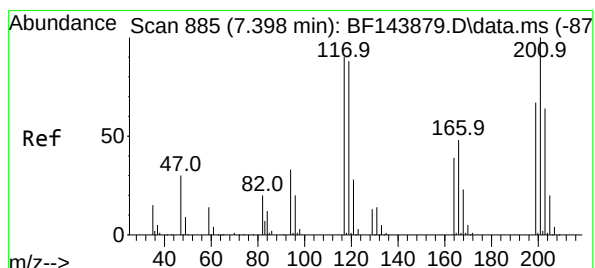
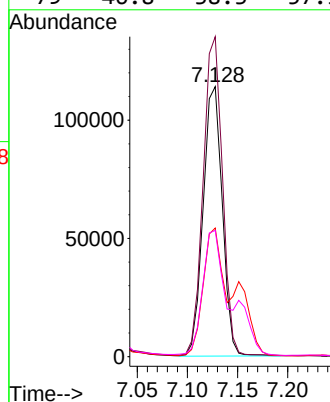
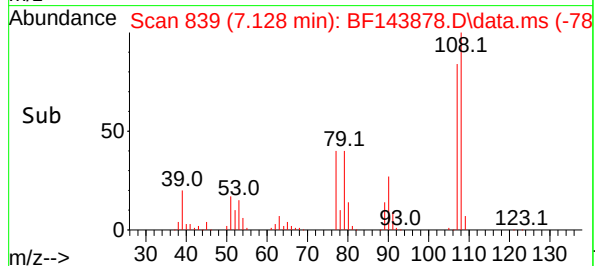
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:107 Resp: 151099  
Ion Ratio Lower Upper  
107 100  
108 118.5 94.7 142.1  
77 47.6 38.8 58.2  
79 46.8 38.3 57.5

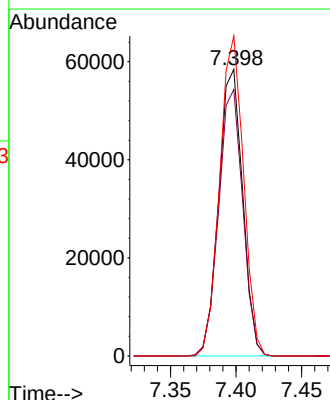
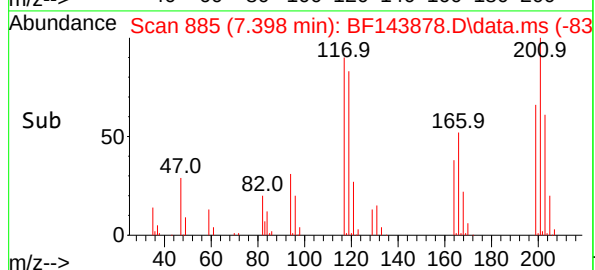
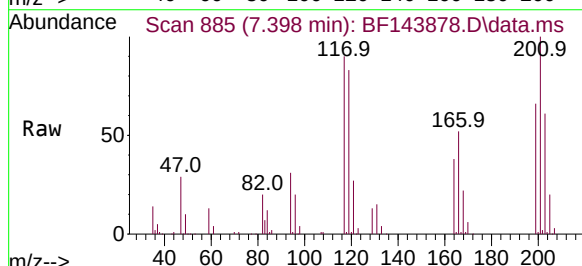
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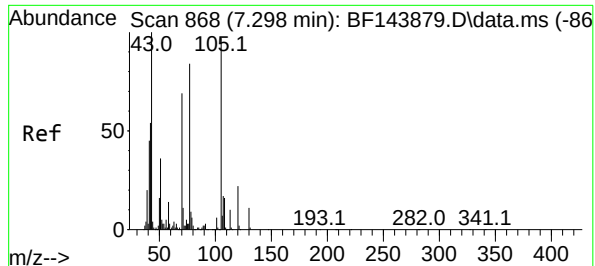
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#18  
Hexachloroethane  
Concen: 21.232 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:117 Resp: 74147  
Ion Ratio Lower Upper  
117 100  
119 93.0 77.8 116.8  
201 111.7 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 20.512 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 151838

Ion Ratio Lower Upper

70 100

42 79.7 62.8 94.2

101 8.5 6.7 10.1

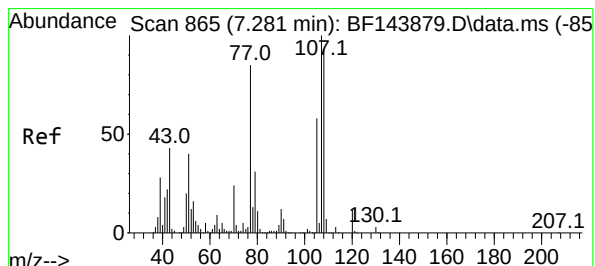
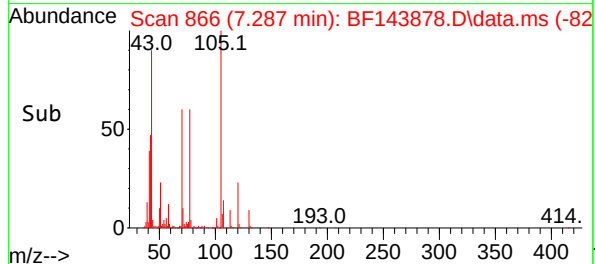
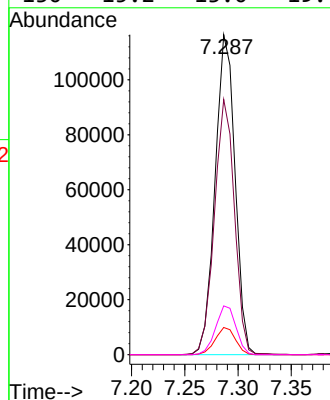
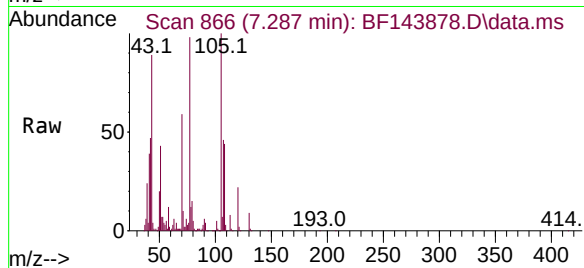
130 15.2 13.0 19.4

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 22.753 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 193273

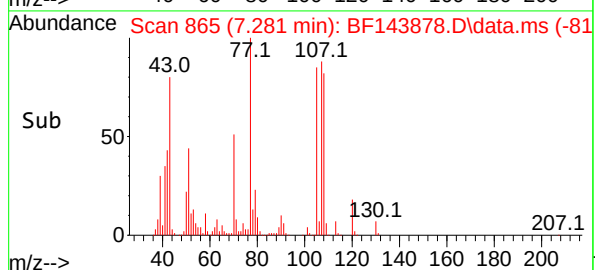
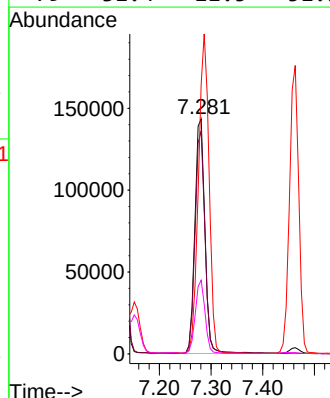
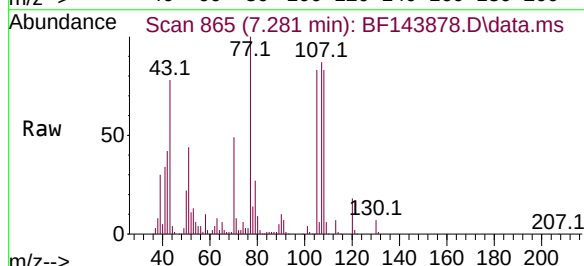
Ion Ratio Lower Upper

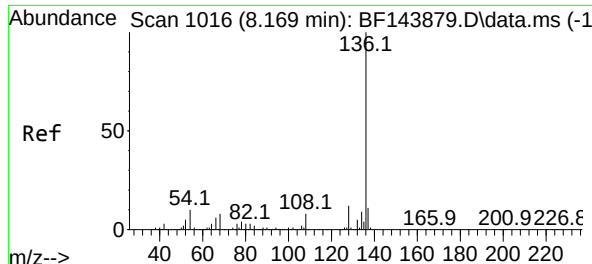
107 100

108 94.8 73.0 113.0

77 114.7 64.6 104.6#

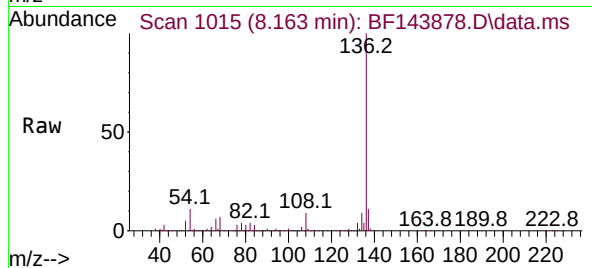
79 31.4 11.5 51.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

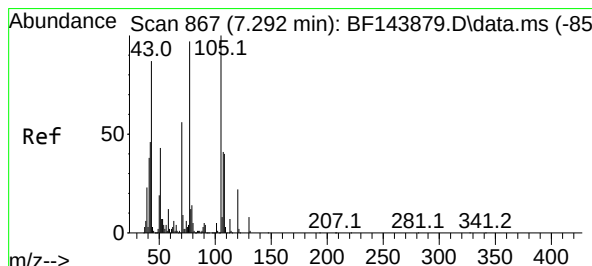
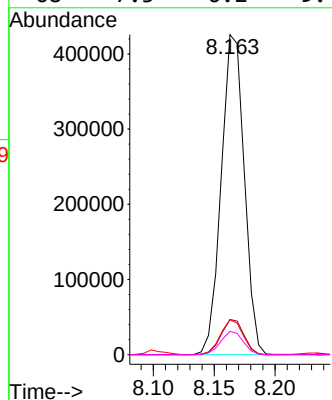
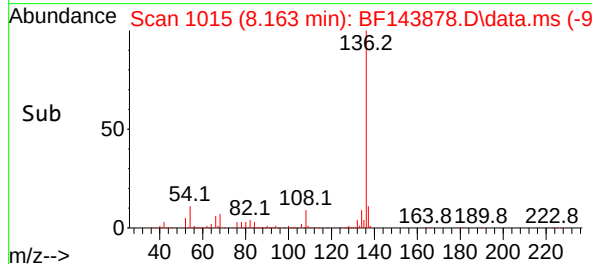
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:136 Resp: 561772  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 10.9 8.2 12.4  
68 7.3 6.2 9.4

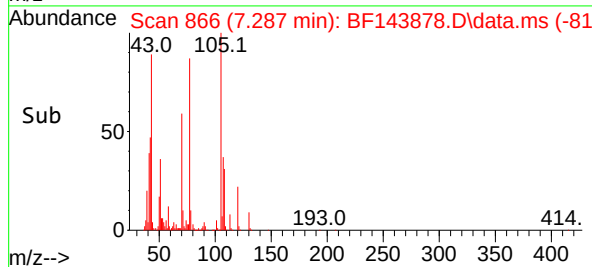
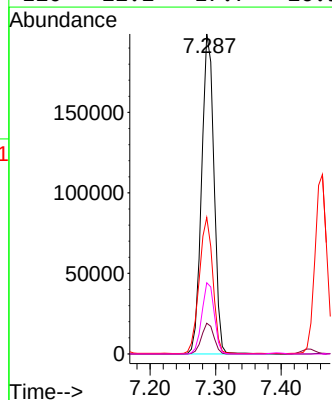
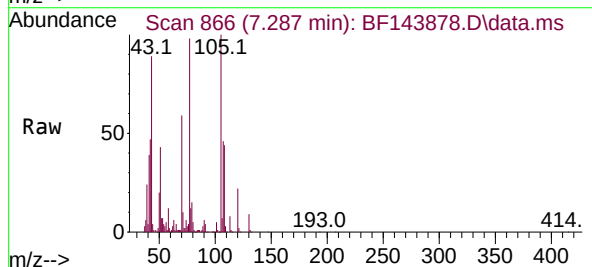
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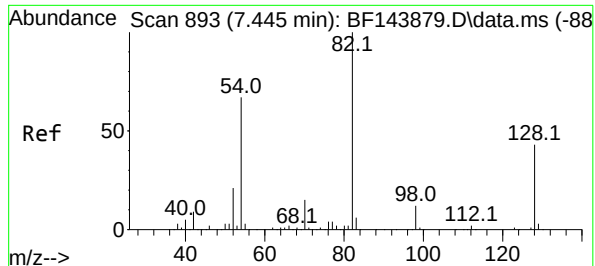
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#22  
Acetophenone  
Concen: 21.837 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:105 Resp: 259382  
Ion Ratio Lower Upper  
105 100  
71 9.6 7.4 11.0  
51 42.6 34.2 51.4  
120 22.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 42.133 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 389584

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

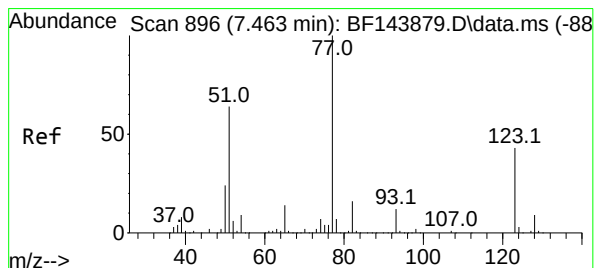
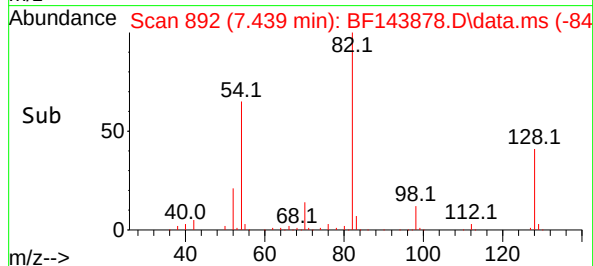
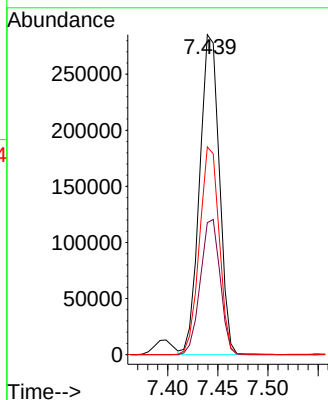
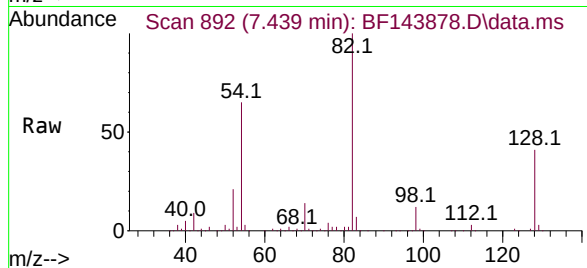
54 64.9 53.2 79.8

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 21.279 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

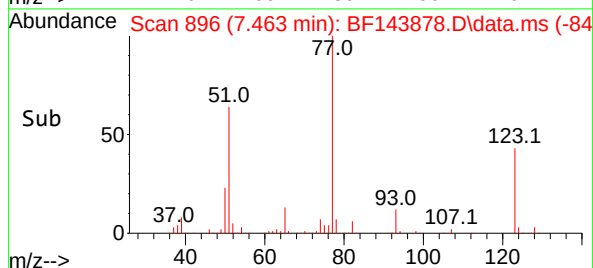
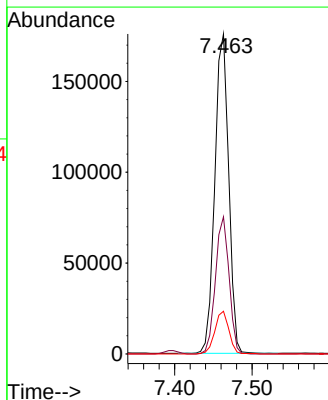
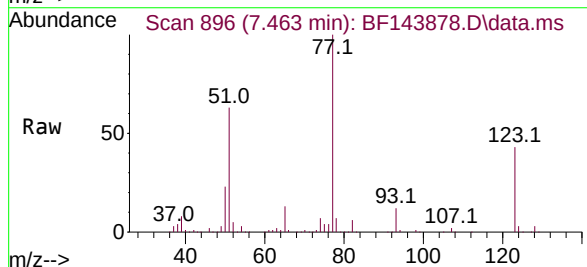
Tgt Ion: 77 Resp: 218497

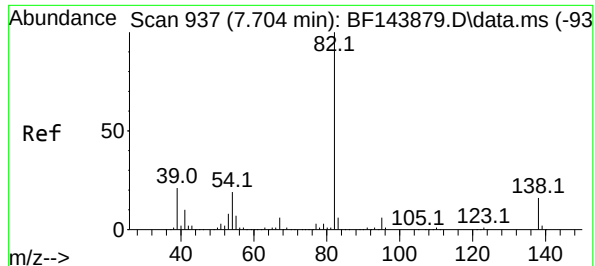
Ion Ratio Lower Upper

77 100

123 42.8 34.2 51.4

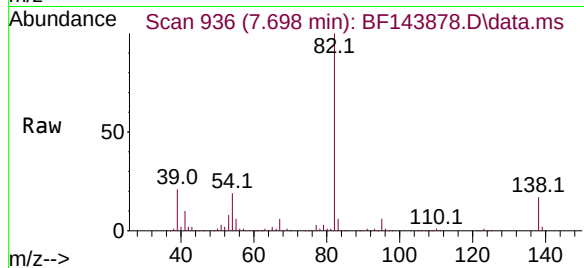
65 13.3 11.0 16.6





#25  
Isophorone  
Concen: 20.393 ng  
RT: 7.698 min Scan# 937  
Delta R.T. -0.023 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

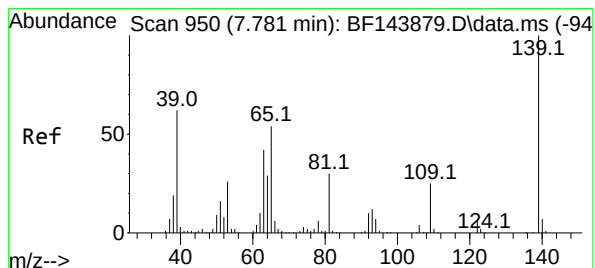
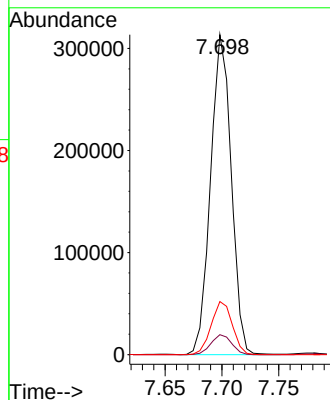
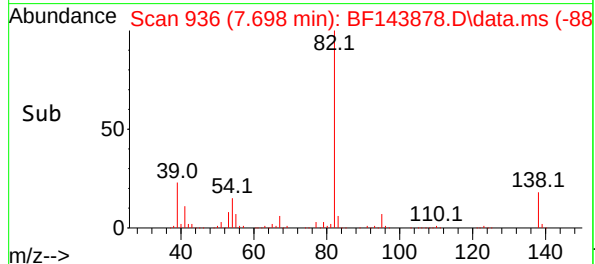
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC020



Tgt Ion: 82 Resp: 397600  
Ion Ratio Lower Upper  
82 100  
95 6.2 5.1 7.7  
138 16.6 12.9 19.3

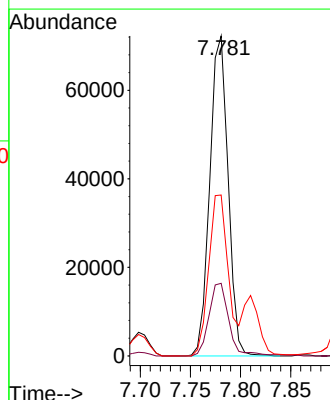
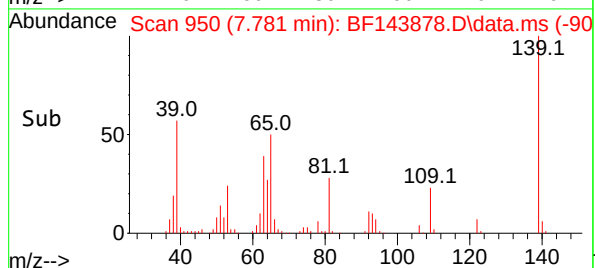
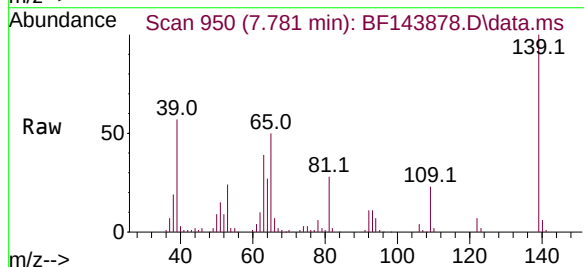
Manual Integrations  
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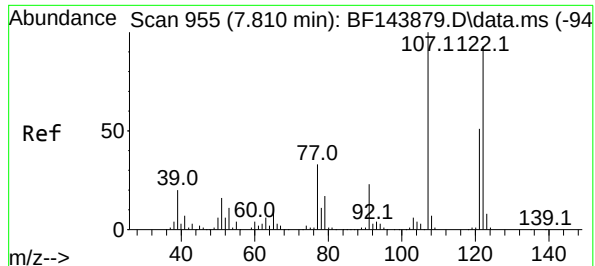
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 20.747 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

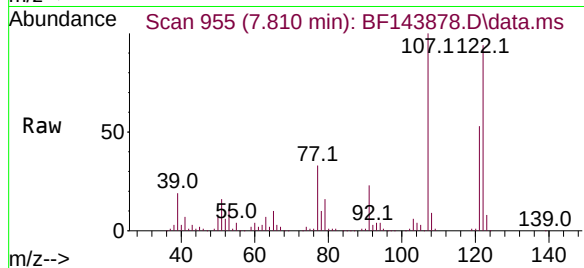
Tgt Ion:139 Resp: 91336  
Ion Ratio Lower Upper  
139 100  
109 22.7 19.8 29.6  
65 50.3 42.9 64.3





#27  
2,4-Dimethylphenol  
Concen: 20.682 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

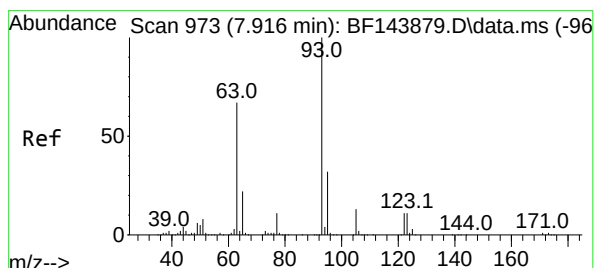
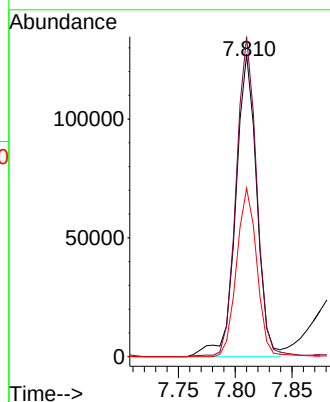
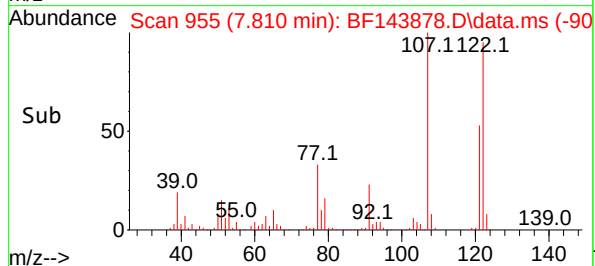
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:122 Resp: 163783  
Ion Ratio Lower Upper  
122 100  
107 105.9 86.1 129.1  
121 55.8 43.8 65.6

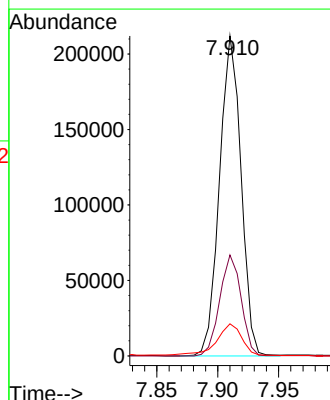
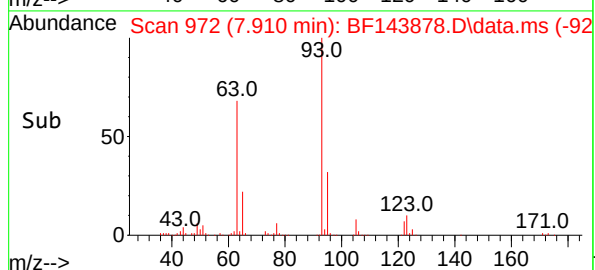
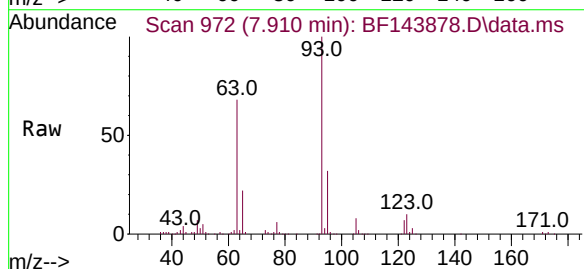
Manual Integrations  
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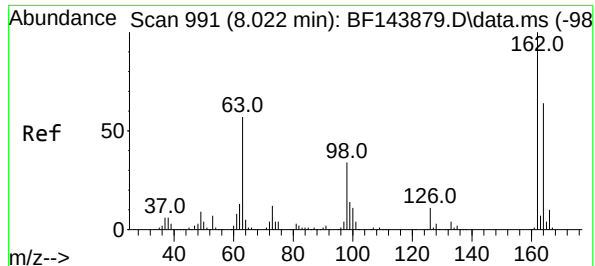
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 21.131 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 260252  
Ion Ratio Lower Upper  
93 100  
95 31.5 25.9 38.9  
123 10.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 21.328 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 175934

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

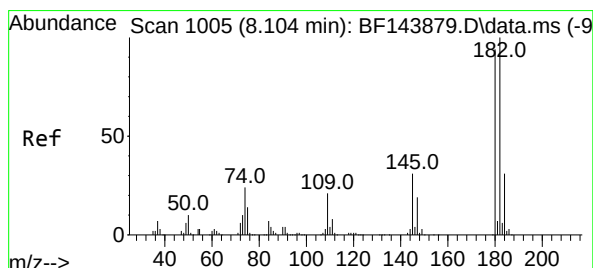
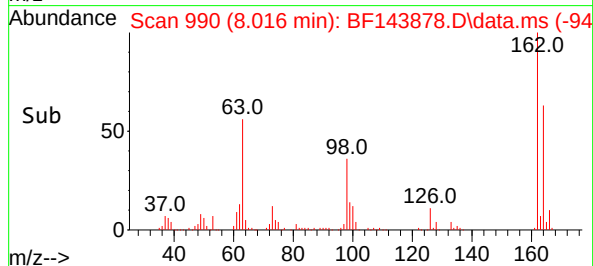
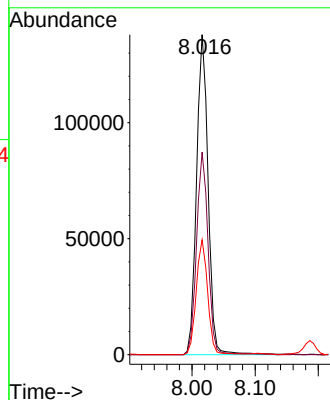
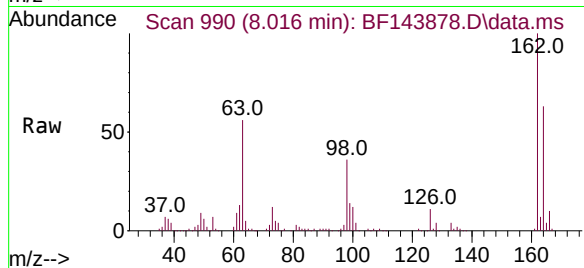
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.234 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

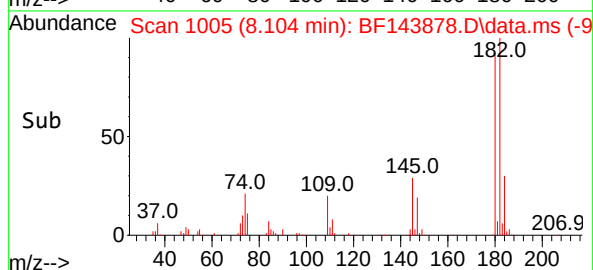
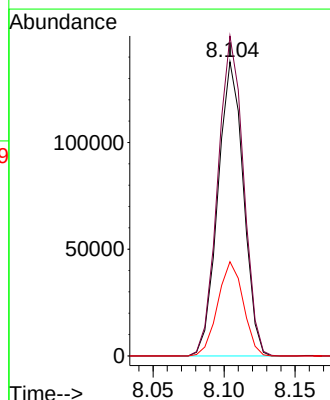
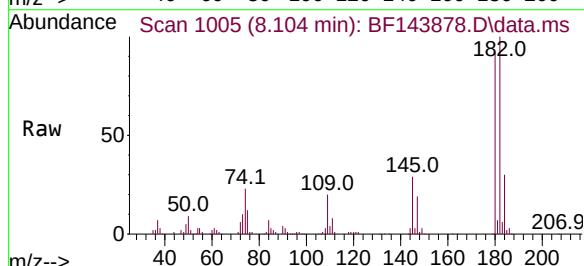
Tgt Ion:180 Resp: 172265

Ion Ratio Lower Upper

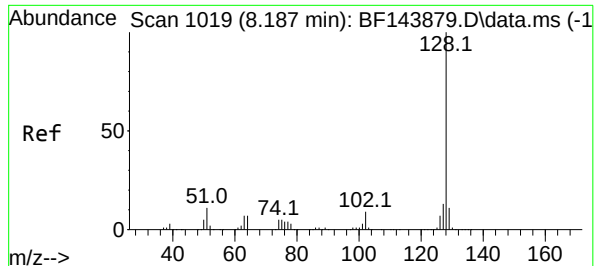
180 100

182 108.8 85.4 128.0

145 32.0 26.3 39.5

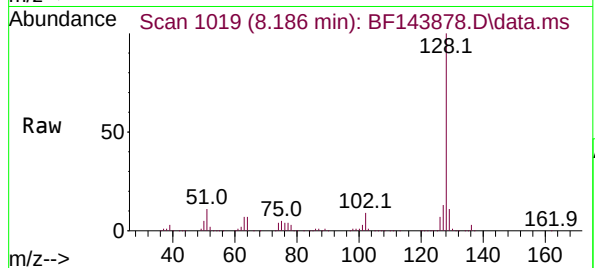






#31  
Naphthalene  
Concen: 21.365 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

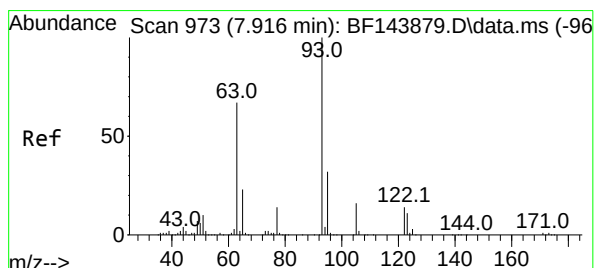
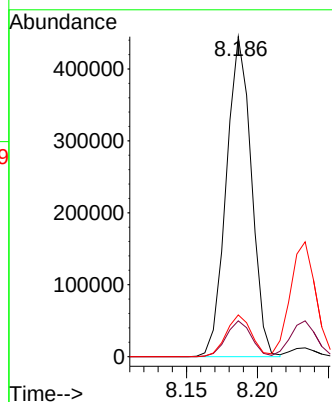
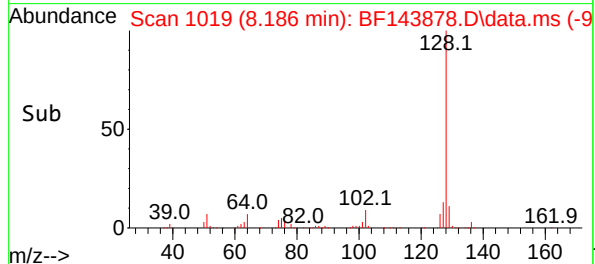
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:128 Resp: 545972  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.1 10.0 15.0

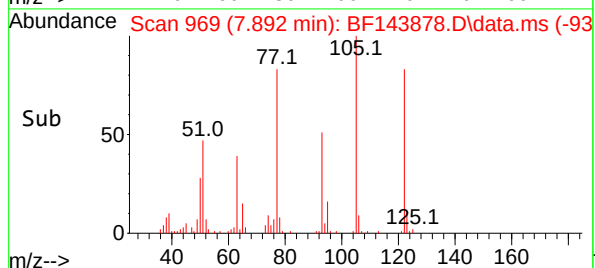
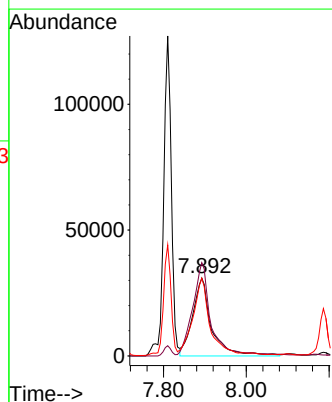
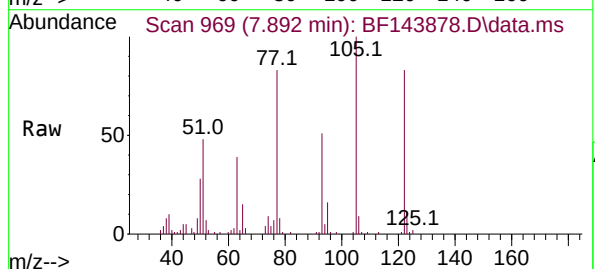
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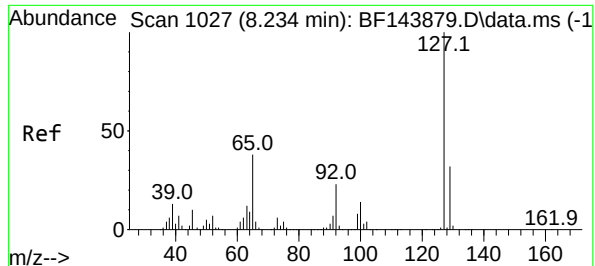
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#32  
Benzoic acid  
Concen: 17.912 ng m  
RT: 7.892 min Scan# 969  
Delta R.T. -0.071 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:122 Resp: 98172  
Ion Ratio Lower Upper  
122 100  
105 120.1 93.5 133.5  
77 100.0 76.3 116.3





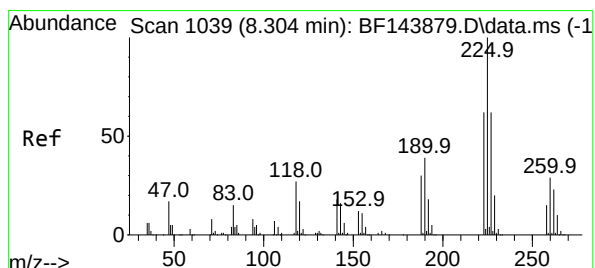
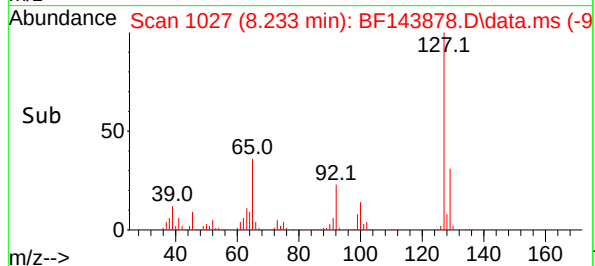
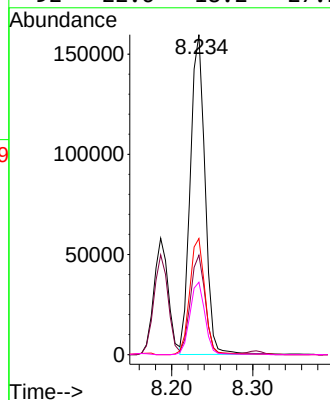
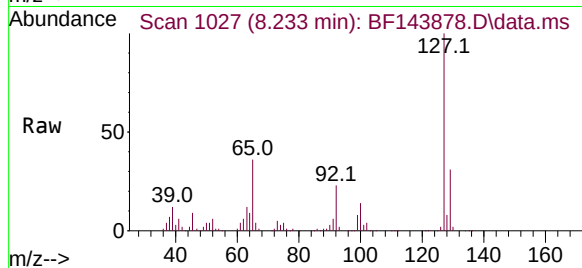
#33  
4-Chloroaniline  
Concen: 20.924 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:127 Resp: 200545  
Ion Ratio Lower Upper  
127 100  
129 31.1 25.8 38.8  
65 36.3 30.0 45.0  
92 22.6 18.2 27.2

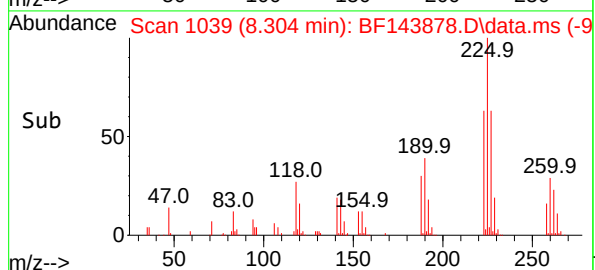
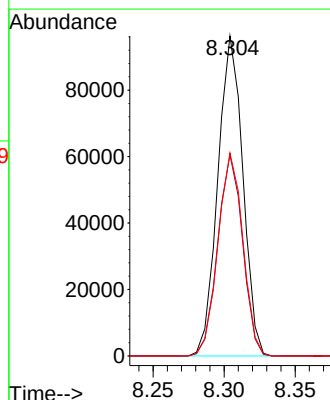
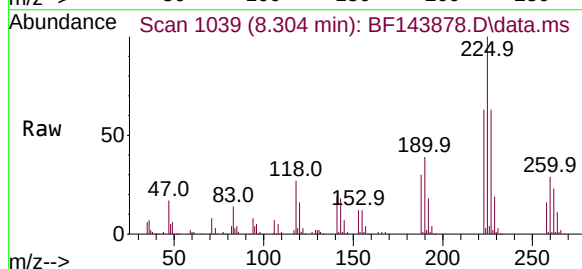
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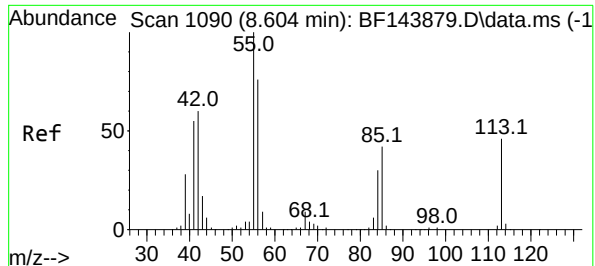
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#34  
Hexachlorobutadiene  
Concen: 20.941 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:225 Resp: 118056  
Ion Ratio Lower Upper  
225 100  
223 62.9 49.4 74.2  
227 63.4 49.7 74.5





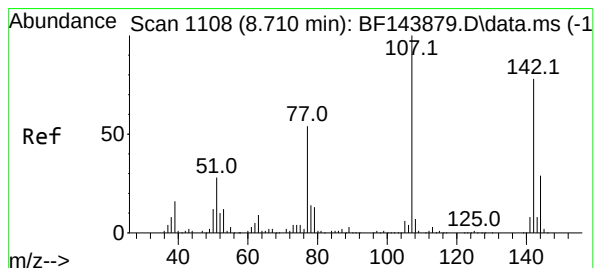
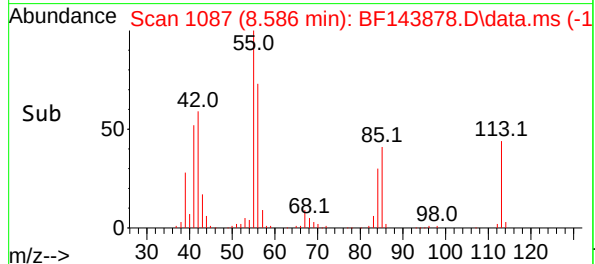
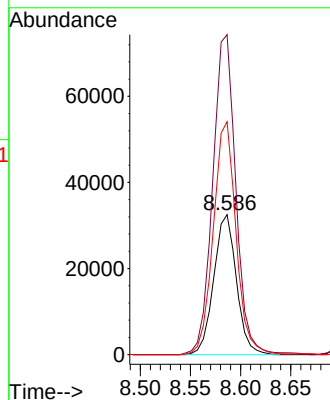
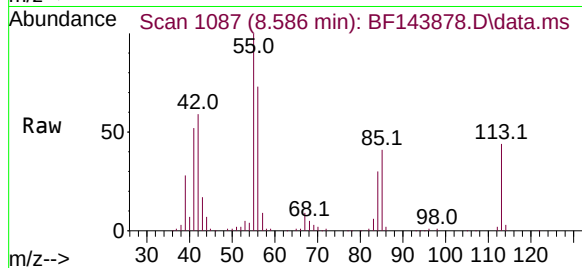
#35  
Caprolactam  
Concen: 19.505 ng  
RT: 8.586 min Scan# 1090  
Delta R.T. -0.059 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:113 Resp: 51159  
Ion Ratio Lower Upper  
113 100  
55 228.6 199.6 239.6  
56 166.4 146.0 186.0

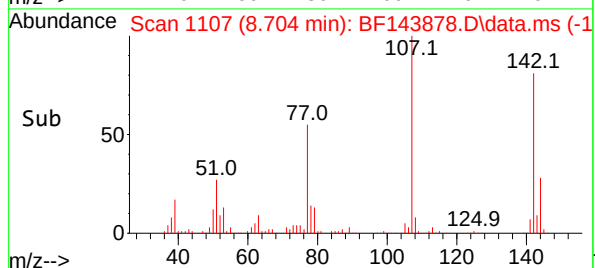
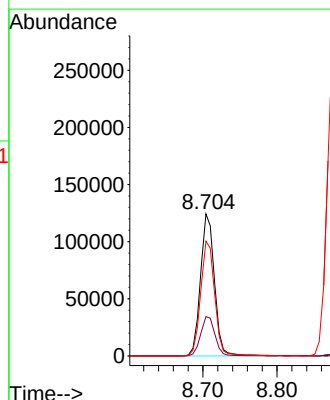
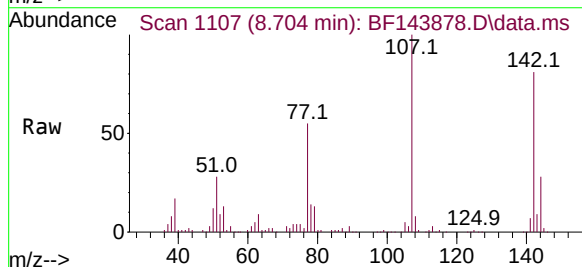
Manual Integrations  
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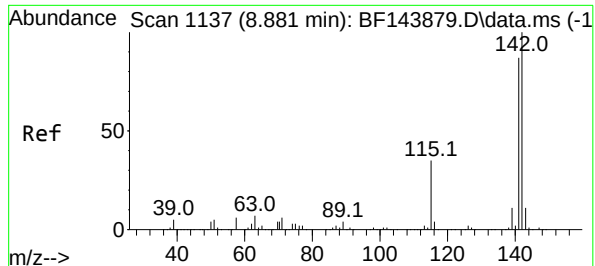
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 20.524 ng  
RT: 8.704 min Scan# 1107  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 162629  
Ion Ratio Lower Upper  
107 100  
144 27.7 23.1 34.7  
142 80.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 21.583 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 367401

Ion Ratio Lower Upper

142 100

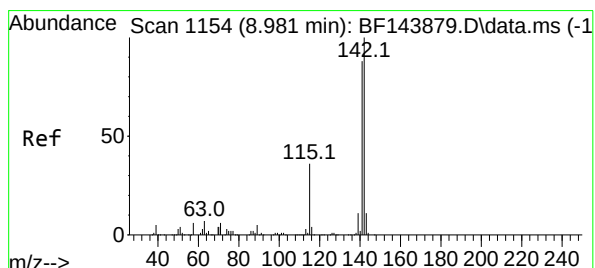
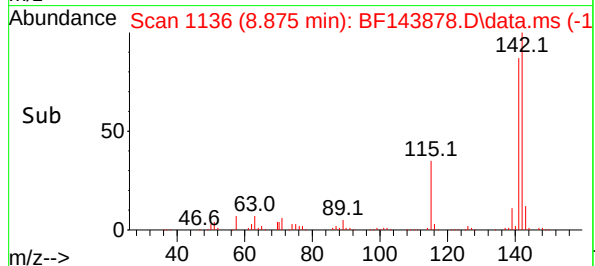
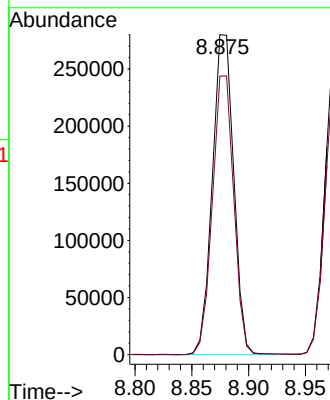
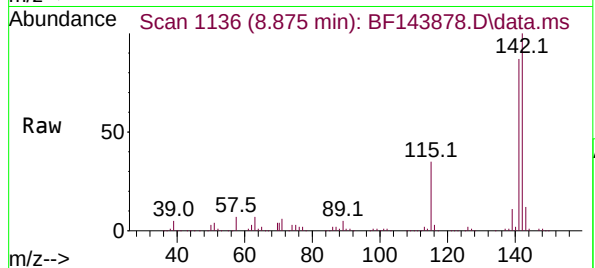
141 87.0 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 21.407 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143878.D

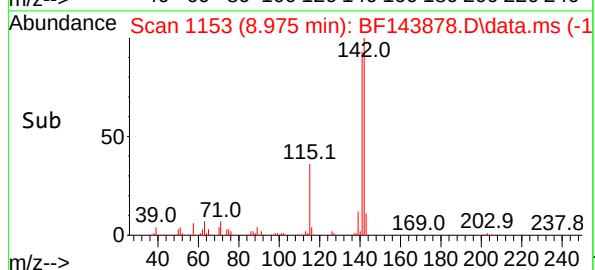
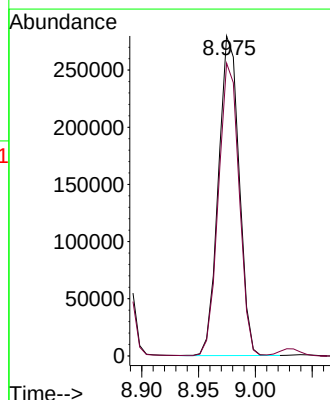
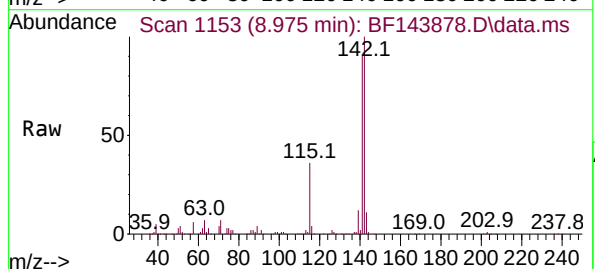
Acq: 06 Oct 2025 11:56

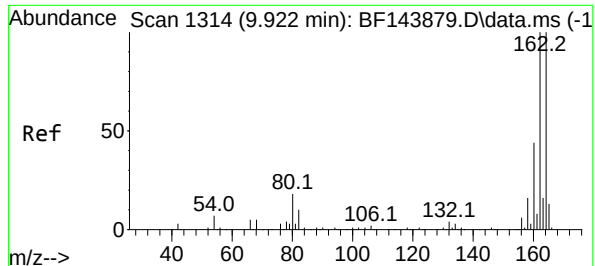
Tgt Ion:142 Resp: 353459

Ion Ratio Lower Upper

142 100

141 91.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143878.D

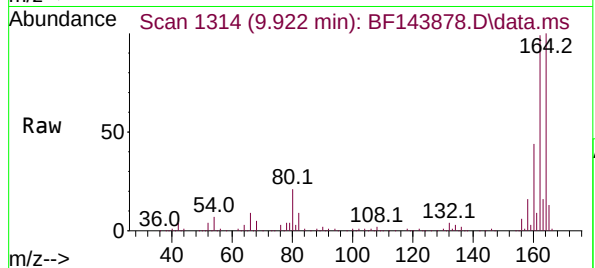
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 311297

Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.2

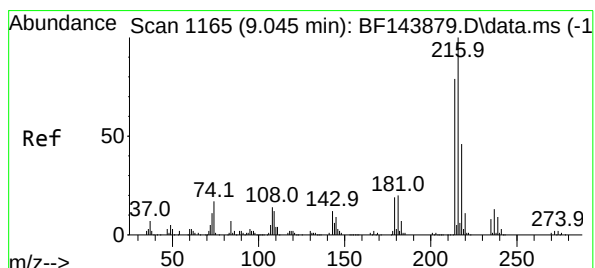
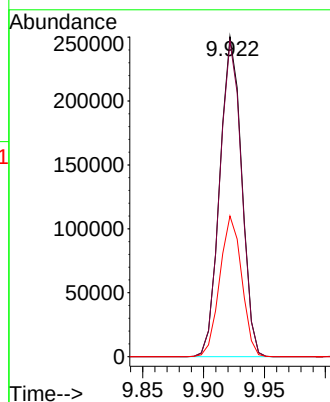
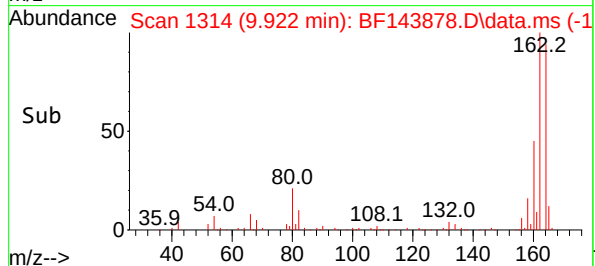
160 43.9 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

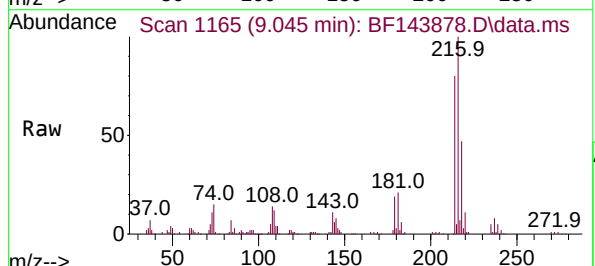
Concen: 21.523 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



Tgt Ion:216 Resp: 185181

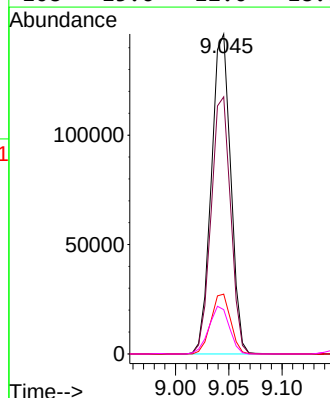
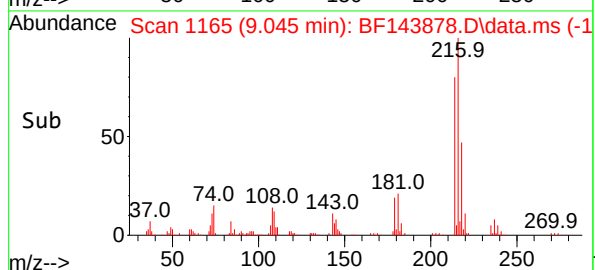
Ion Ratio Lower Upper

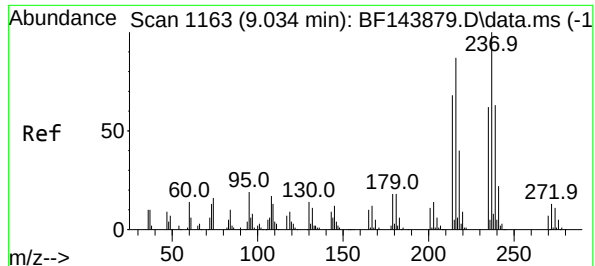
216 100

214 80.8 62.6 94.0

179 18.9 15.4 23.0

108 15.6 12.0 18.0





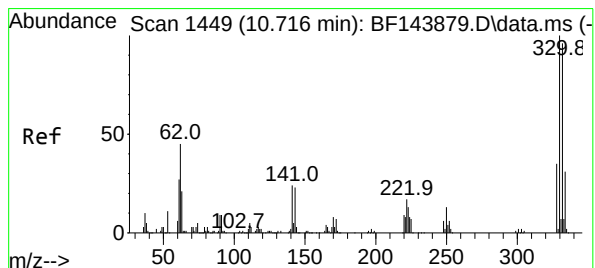
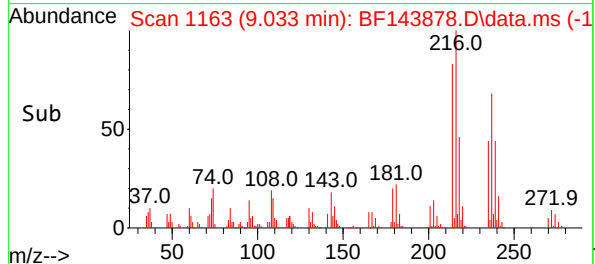
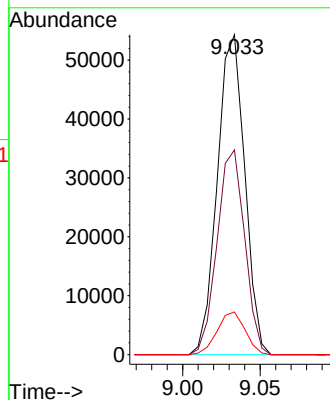
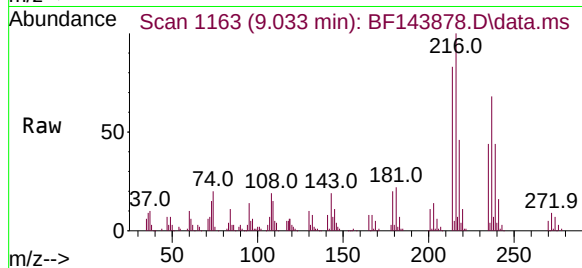
#41  
Hexachlorocyclopentadiene  
Concen: 18.807 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:237 Resp: 67128  
Ion Ratio Lower Upper  
237 100  
235 64.0 42.3 82.3  
272 13.4 0.0 33.1

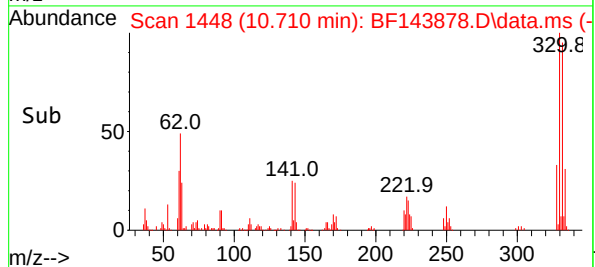
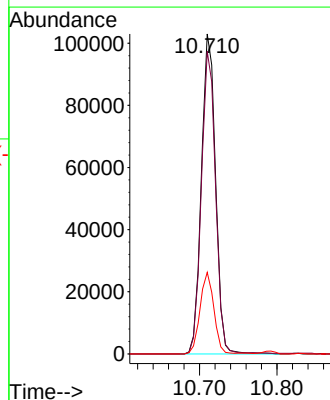
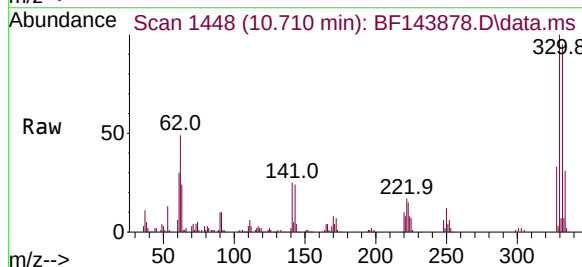
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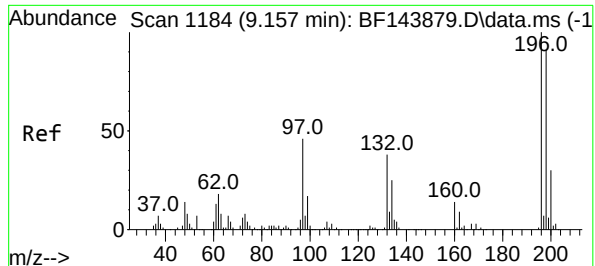
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#42  
2,4,6-Tribromophenol  
Concen: 42.114 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:330 Resp: 130577  
Ion Ratio Lower Upper  
330 100  
332 94.8 76.9 115.3  
141 24.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 21.116 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143878.D

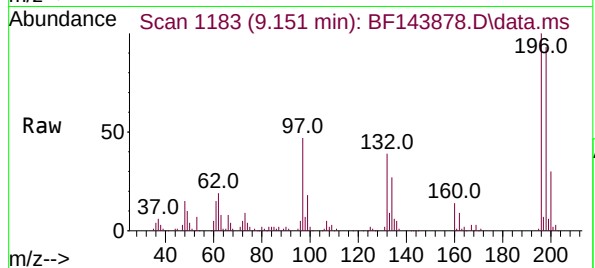
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 13274

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

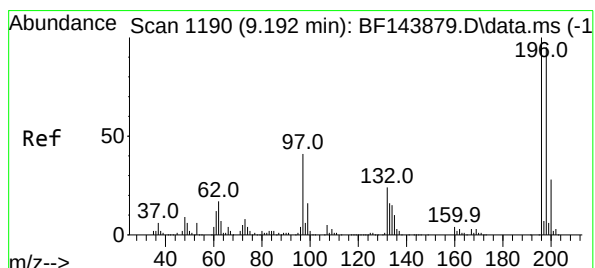
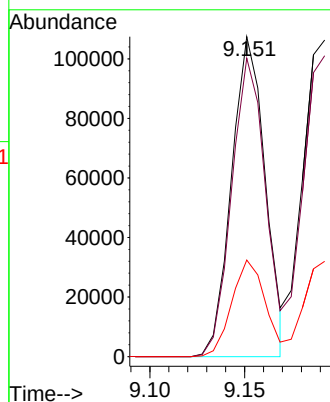
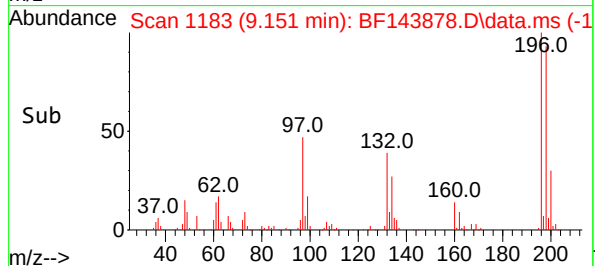
200 30.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

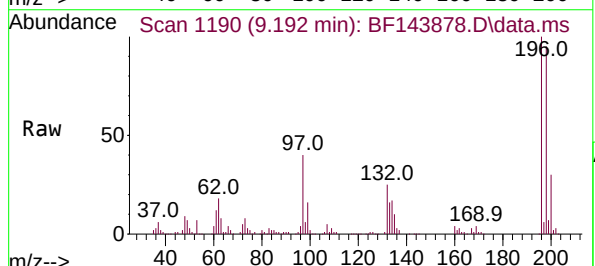
Concen: 21.532 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



Tgt Ion:196 Resp: 143043

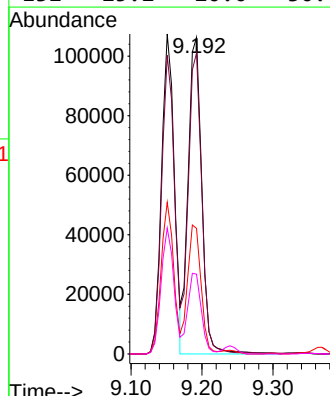
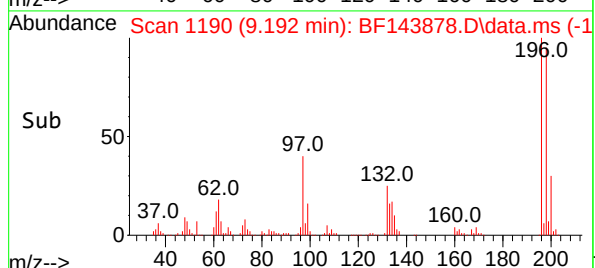
Ion Ratio Lower Upper

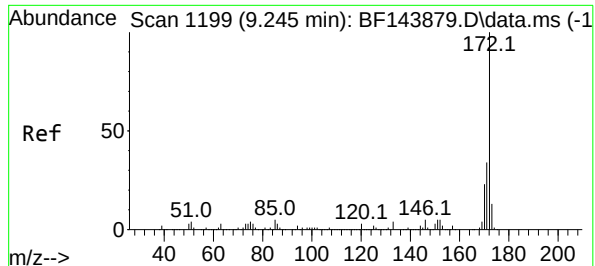
196 100

198 95.0 75.5 113.3

97 39.6 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 42.367 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 831185

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

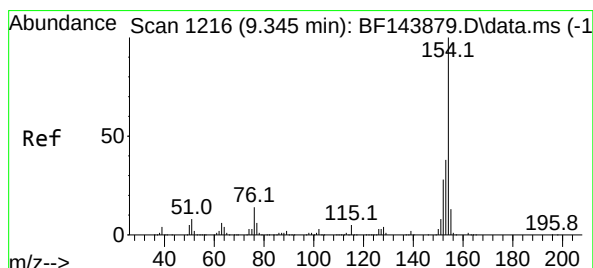
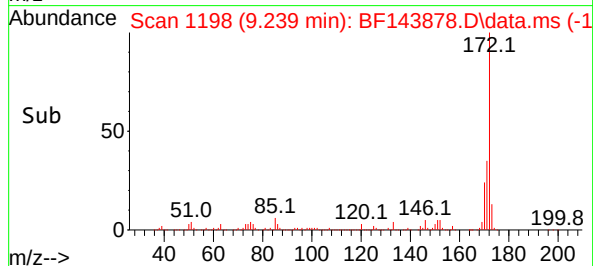
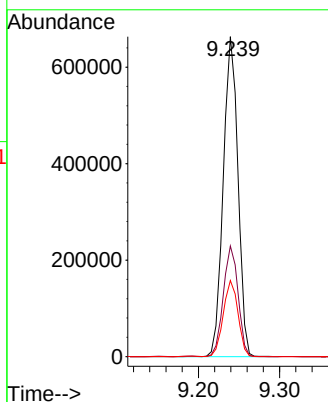
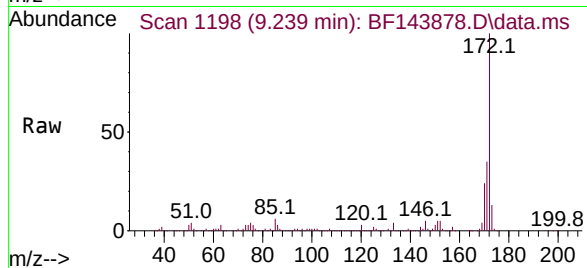
170 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 21.868 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

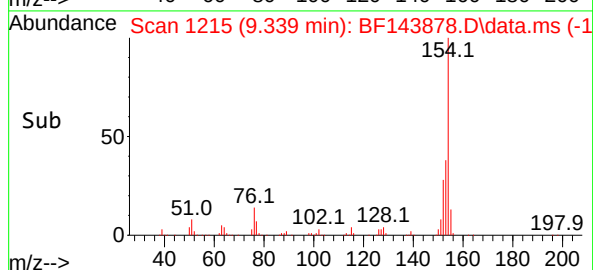
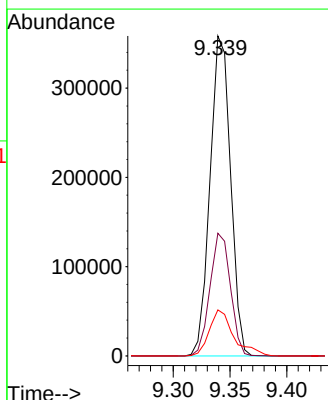
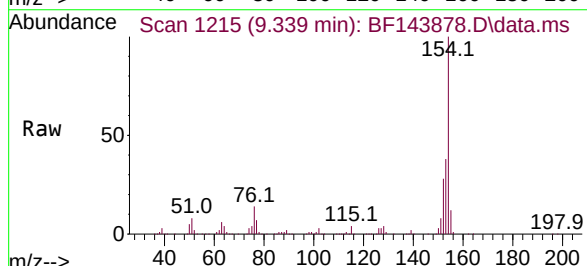
Tgt Ion:154 Resp: 450706

Ion Ratio Lower Upper

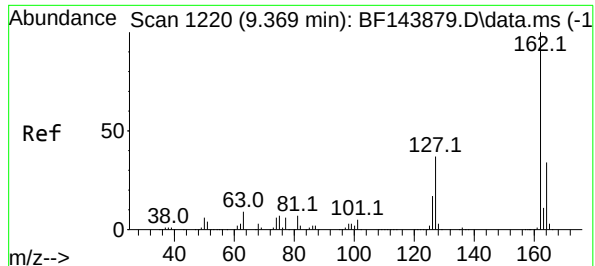
154 100

153 38.3 18.4 58.4

76 14.4 0.0 34.0







#47

2-Chloronaphthalene

Concen: 21.679 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143878.D

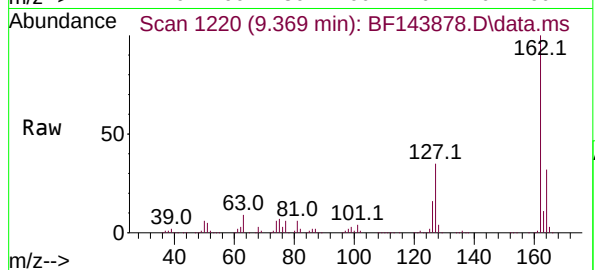
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 372531

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

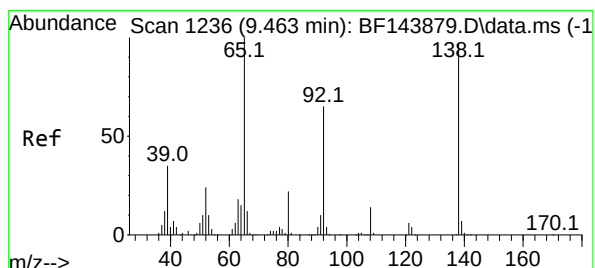
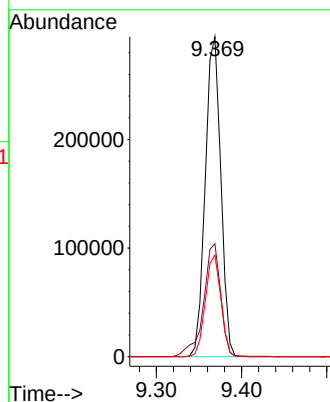
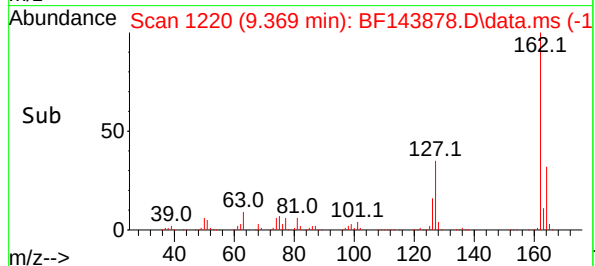
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

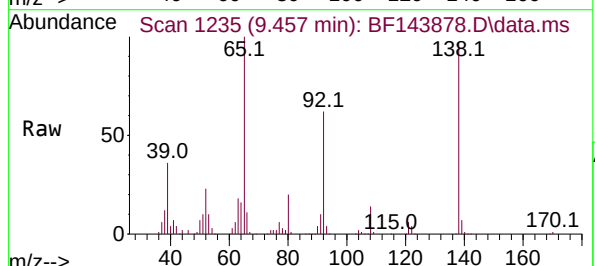
Concen: 21.263 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



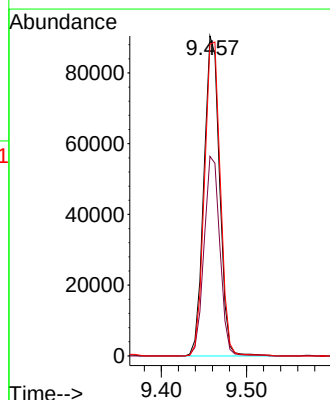
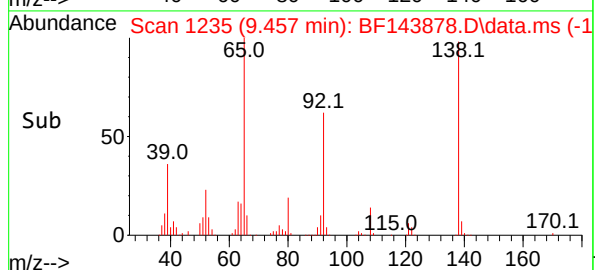
Tgt Ion: 65 Resp: 115519

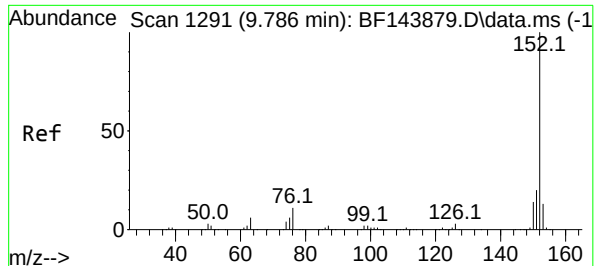
Ion Ratio Lower Upper

65 100

92 62.3 52.1 78.1

138 97.4 77.4 116.2





#49

Acenaphthylene

Concen: 21.234 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143878.D

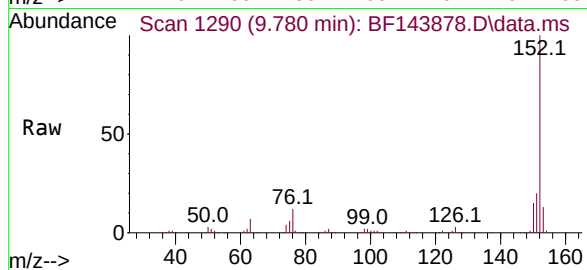
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 512980

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

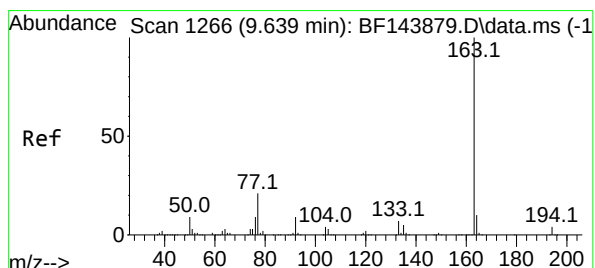
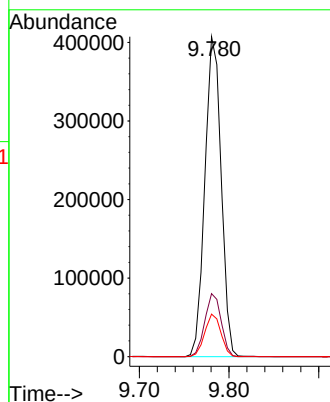
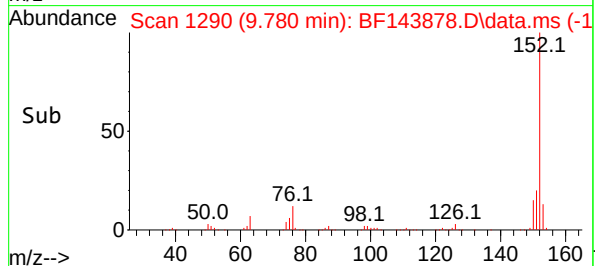
153 13.3 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

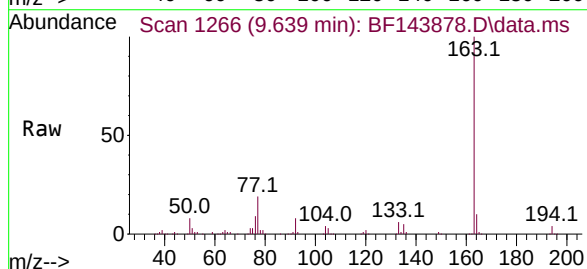
Concen: 21.011 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



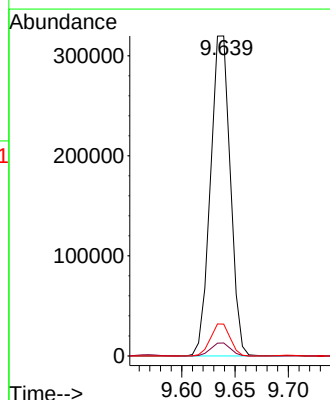
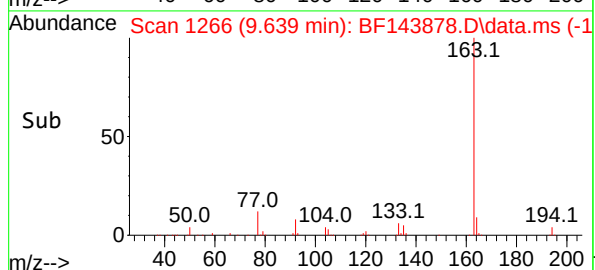
Tgt Ion:163 Resp: 415359

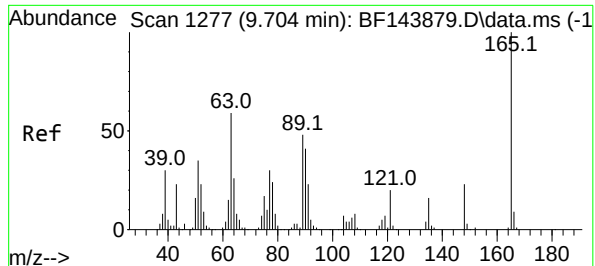
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

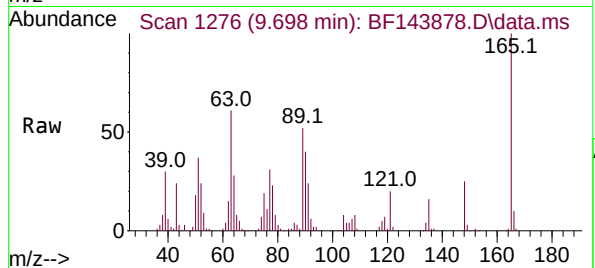
164 9.9 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 20.831 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

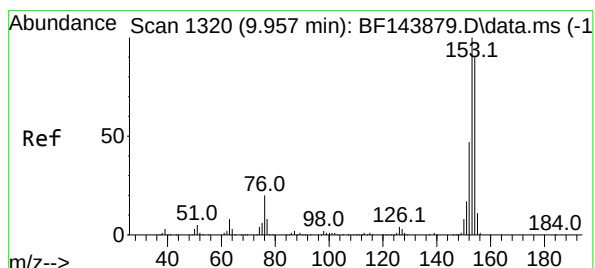
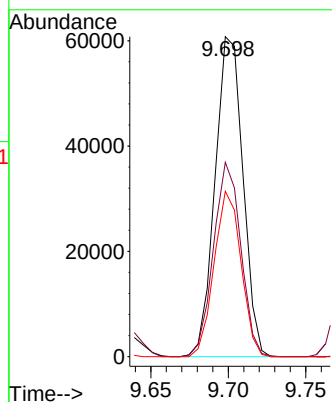
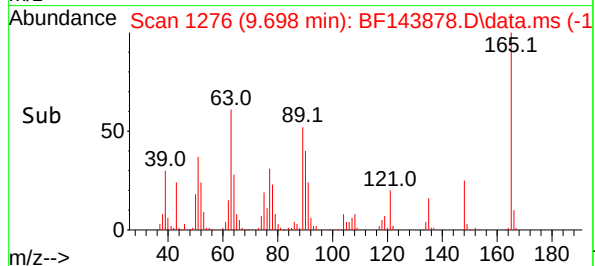
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:165 Resp: 76360  
Ion Ratio Lower Upper  
165 100  
63 60.7 47.3 70.9  
89 51.7 38.2 57.4

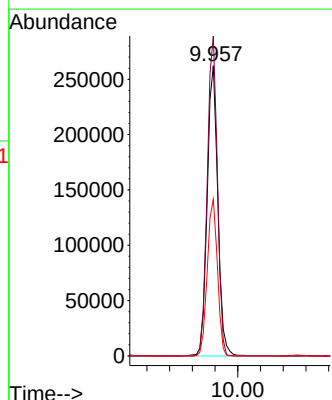
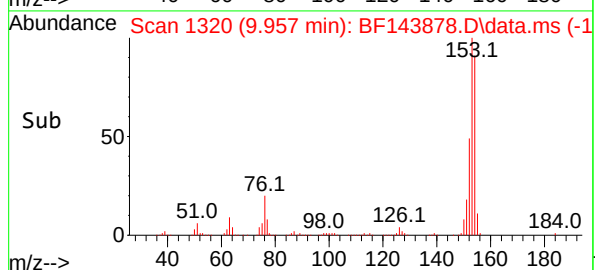
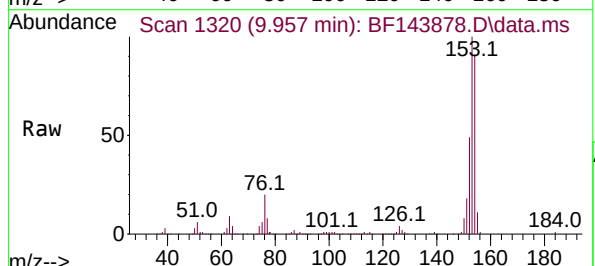
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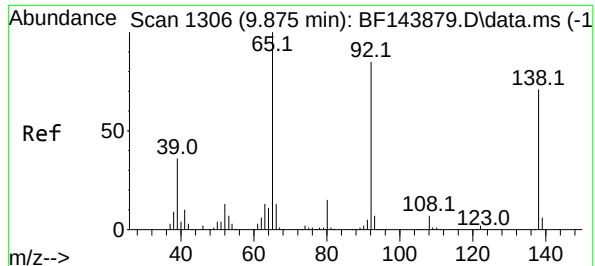
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 21.545 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 341066  
Ion Ratio Lower Upper  
154 100  
153 110.3 89.3 133.9  
152 54.0 42.2 63.2





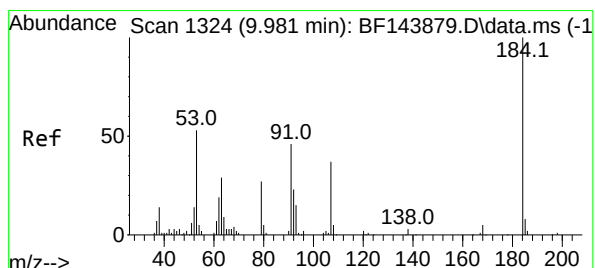
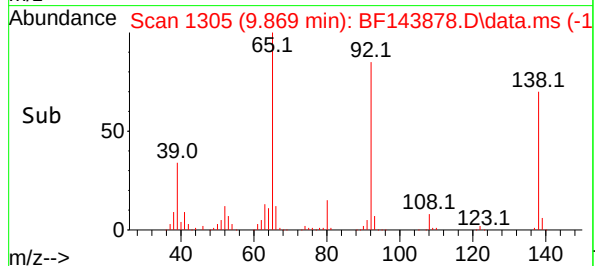
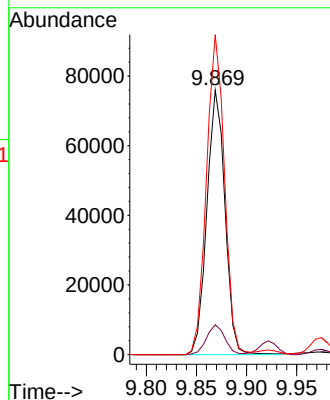
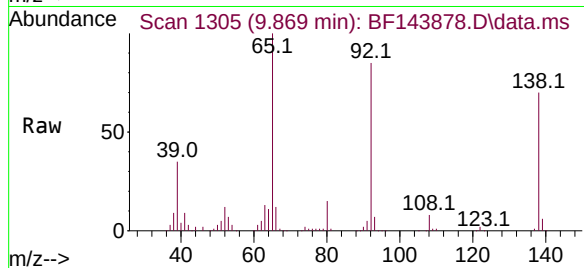
#53  
3-Nitroaniline  
Concen: 21.194 ng  
RT: 9.869 min Scan# 1305  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:138 Resp: 95127  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.3 12.5  
92 121.0 96.2 144.2

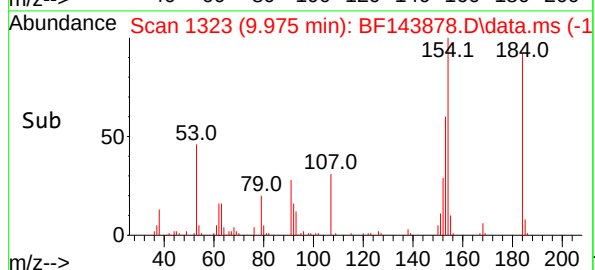
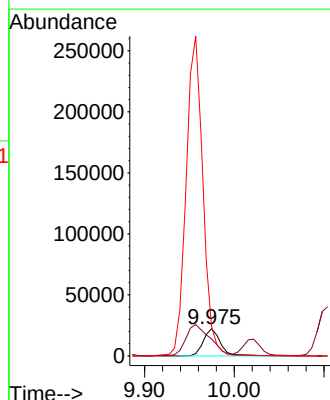
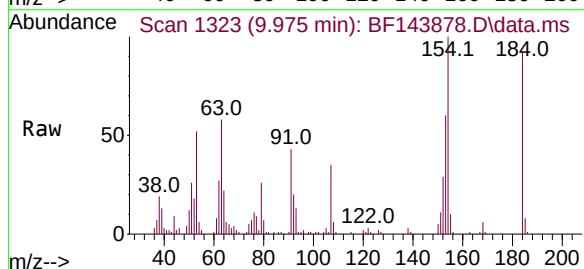
Manual Integrations  
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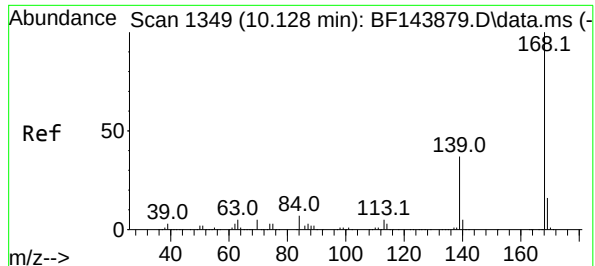
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#54  
2,4-Dinitrophenol  
Concen: 18.734 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.011 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:184 Resp: 29199  
Ion Ratio Lower Upper  
184 100  
63 63.1 48.2 72.4  
154 108.6 49.2 73.8#





#55

Dibenzenofuran

Concen: 21.894 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 489250

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8

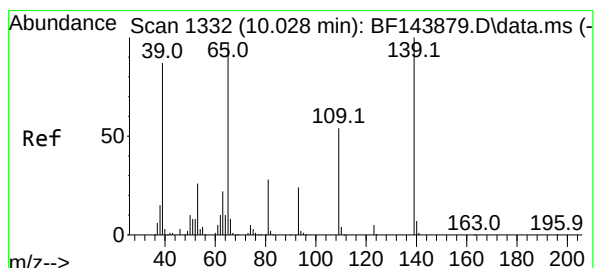
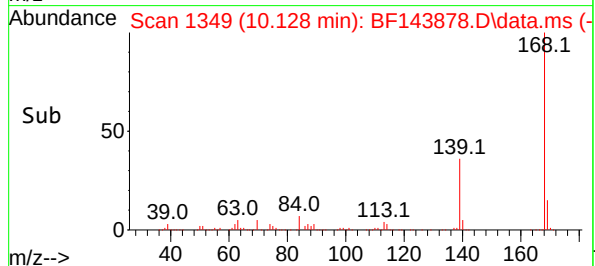
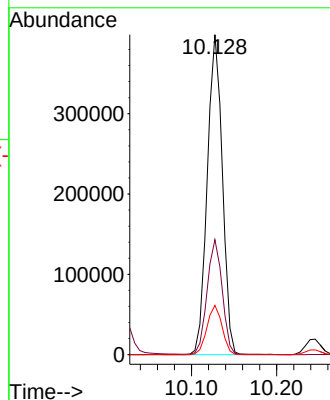
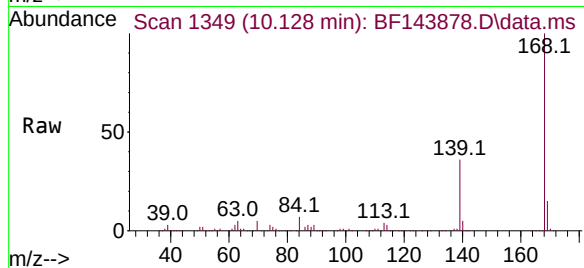
169 15.4 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 19.694 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

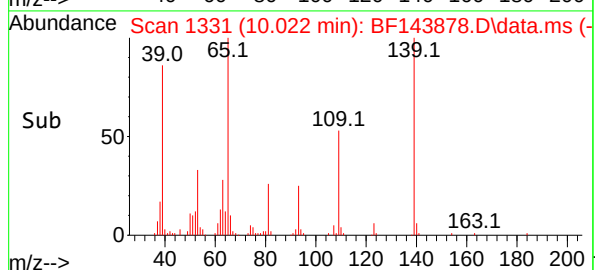
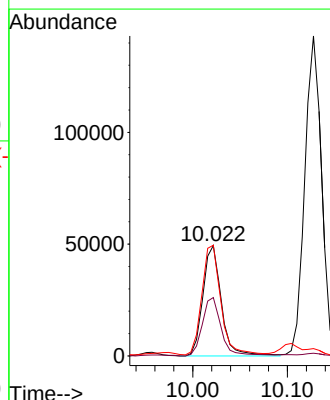
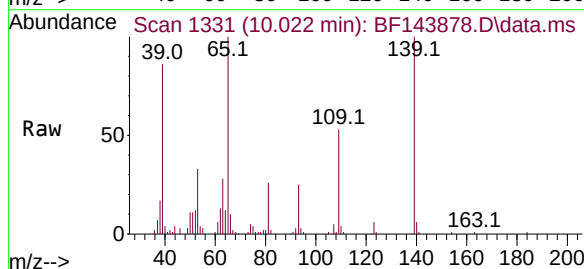
Tgt Ion:139 Resp: 66930

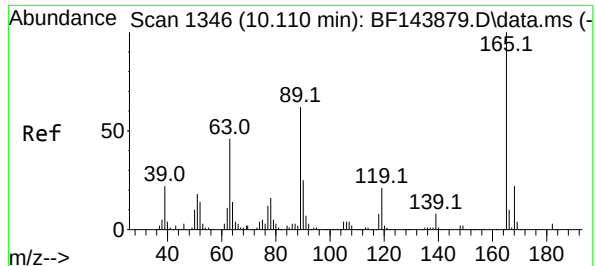
Ion Ratio Lower Upper

139 100

109 52.9 34.5 74.5

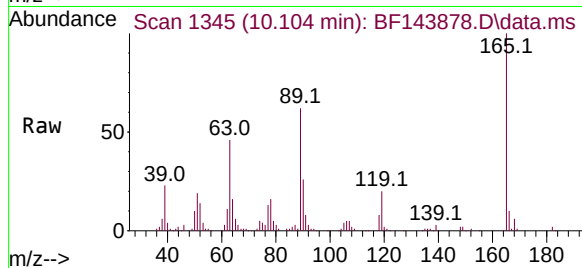
65 100.3 77.6 117.6





#57  
2,4-Dinitrotoluene  
Concen: 21.280 ng  
RT: 10.104 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

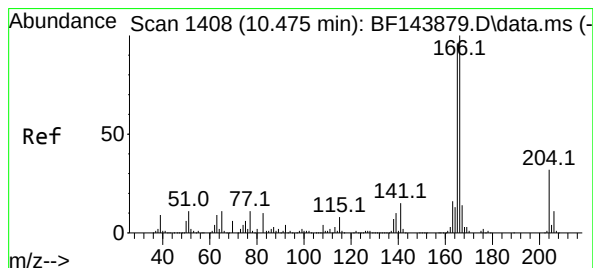
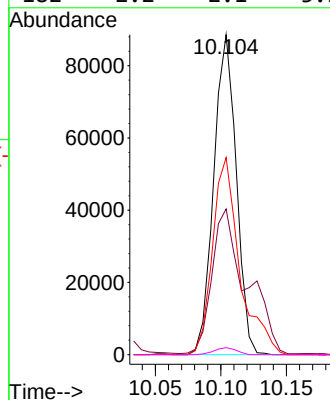
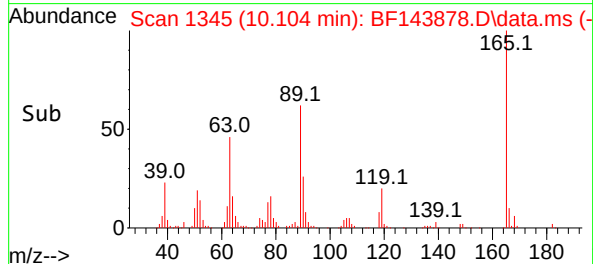
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:165 Resp: 106136  
Ion Ratio Lower Upper  
165 100  
63 45.5 37.2 55.8  
89 61.6 49.4 74.2  
182 2.2 2.1 3.1

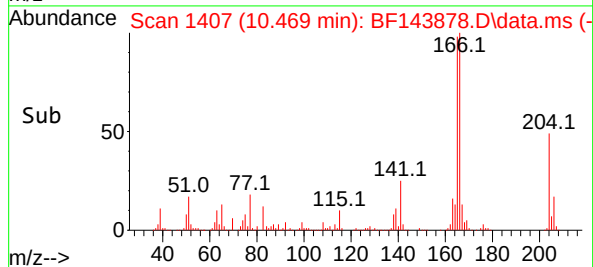
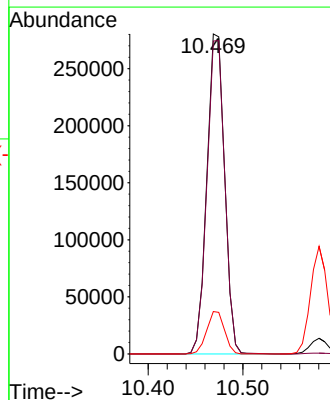
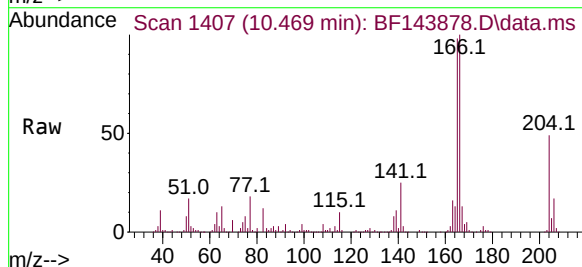
Manual Integrations  
APPROVED

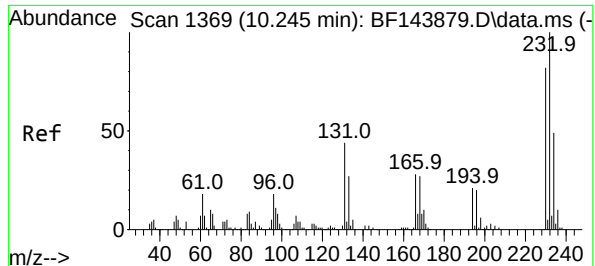
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#58  
Fluorene  
Concen: 21.659 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:166 Resp: 365206  
Ion Ratio Lower Upper  
166 100  
165 97.8 77.0 115.6  
167 13.2 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.869 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

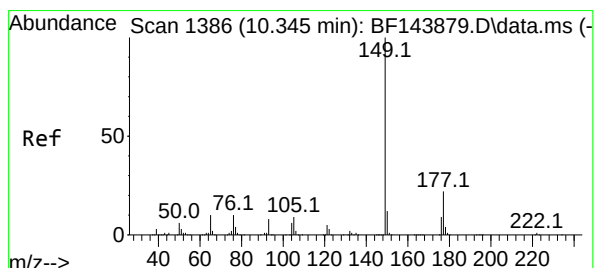
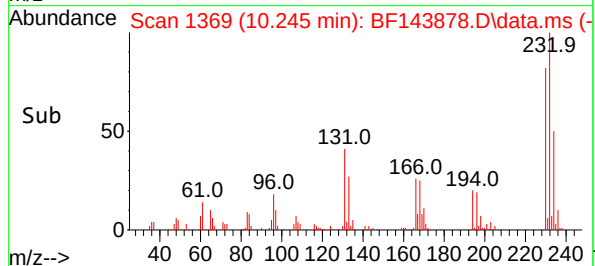
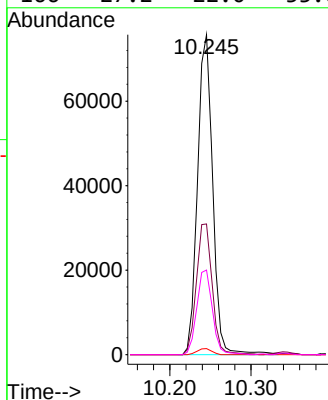
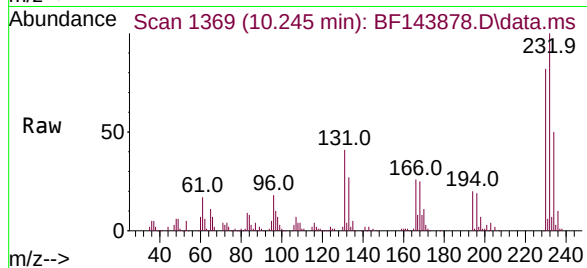
SSTDICC020

Tgt Ion:232 Resp: 98138  
Ion Ratio Lower Upper  
232 100  
131 42.6 34.9 52.3  
130 1.8 1.6 2.4  
166 27.2 22.0 33.0

Manual Integrations

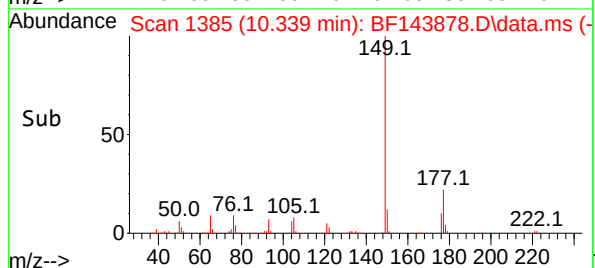
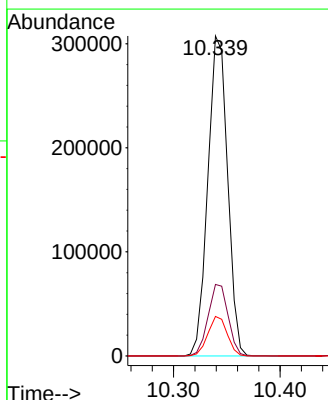
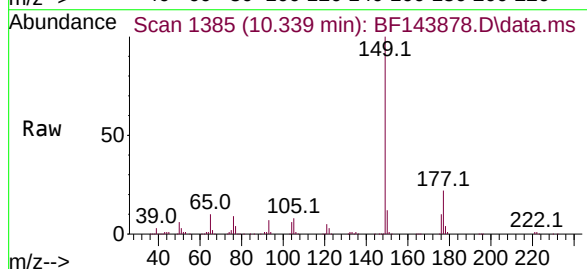
APPROVED

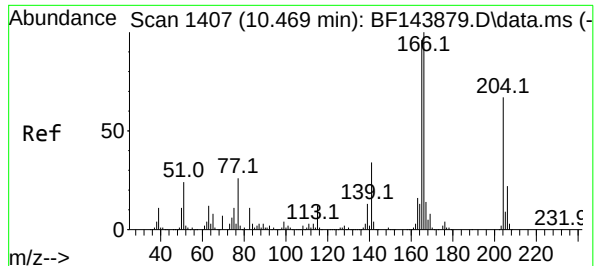
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#60  
Diethylphthalate  
Concen: 21.575 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

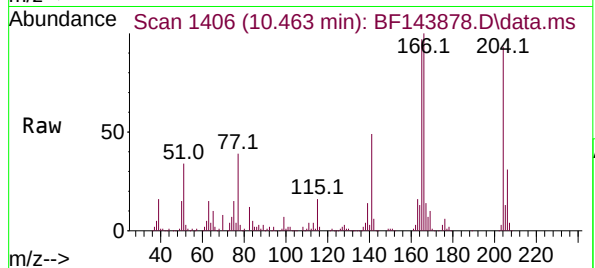
Tgt Ion:149 Resp: 396233  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.9 26.9  
150 12.3 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 21.860 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

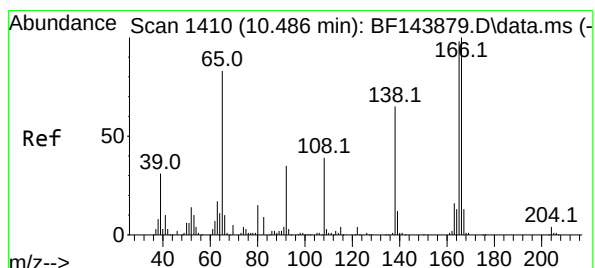
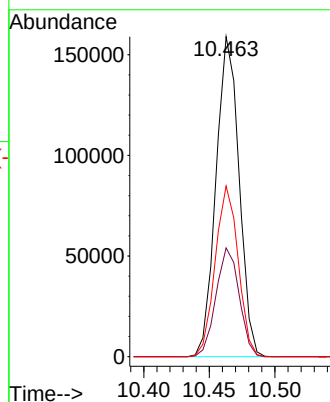
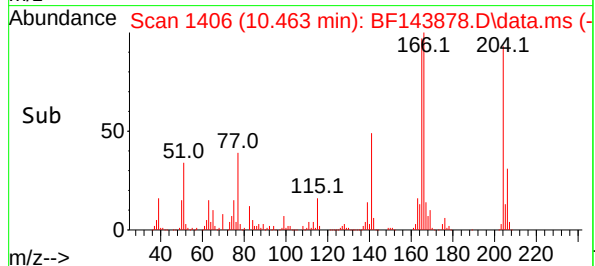
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:204 Resp: 194875  
Ion Ratio Lower Upper  
204 100  
206 34.0 26.6 40.0  
141 53.4 40.4 60.6

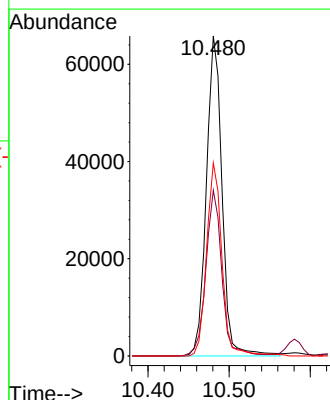
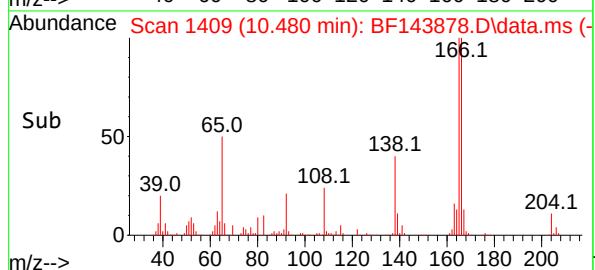
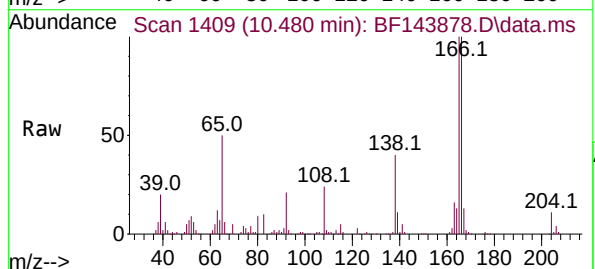
Manual Integrations  
APPROVED

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

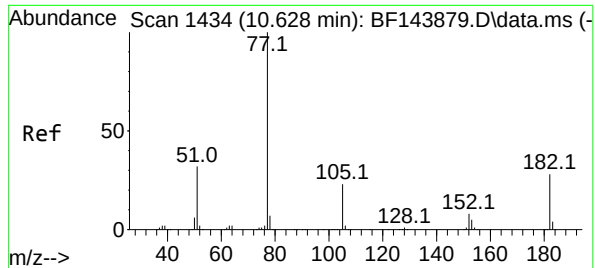


#62  
4-Nitroaniline  
Concen: 20.526 ng  
RT: 10.480 min Scan# 1409  
Delta R.T. -0.029 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:138 Resp: 88594  
Ion Ratio Lower Upper  
138 100  
92 51.7 33.9 73.9  
108 60.3 40.2 80.2







#63  
Azobenzene  
Concen: 21.218 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

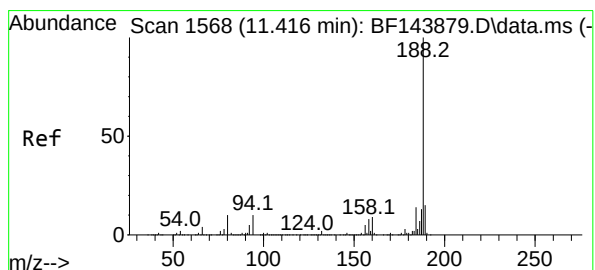
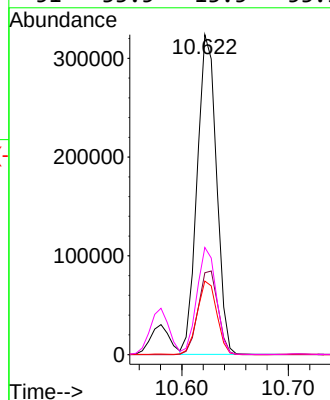
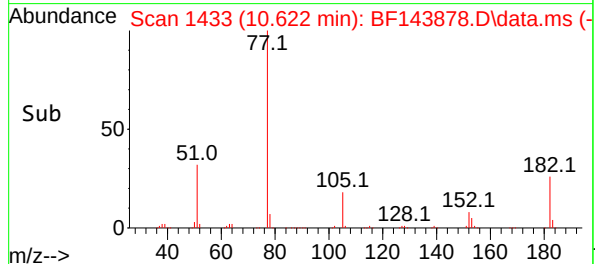
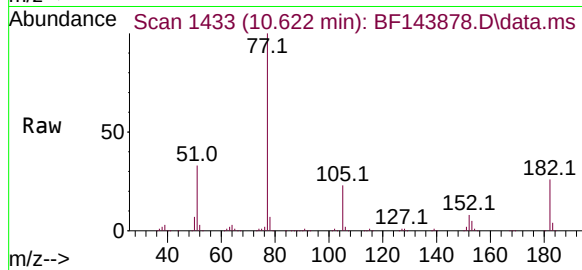
SSTDICC020

Tgt Ion: 77 Resp: 407261  
Ion Ratio Lower Upper  
77 100  
182 25.6 7.3 47.3  
105 23.0 3.0 43.0  
51 33.5 13.5 53.5

Manual Integrations

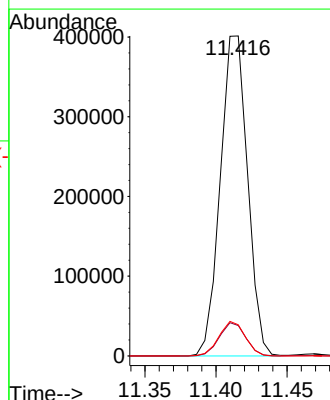
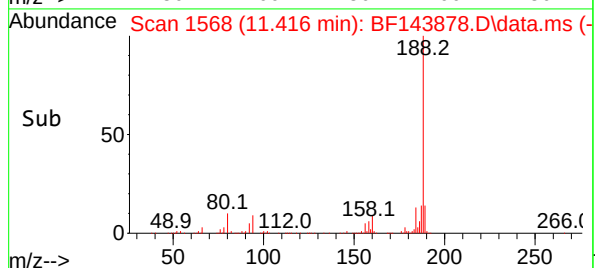
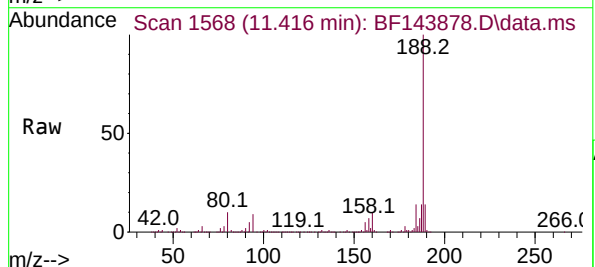
APPROVED

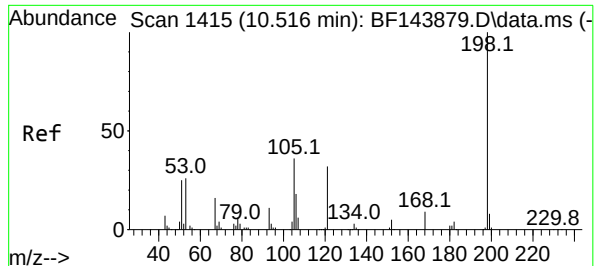
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

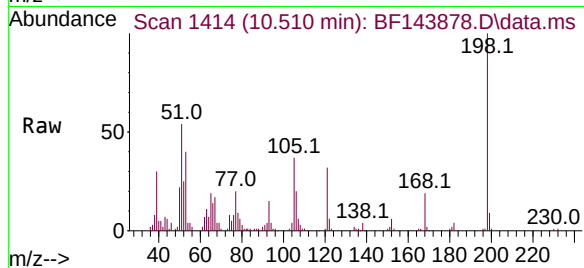
Tgt Ion:188 Resp: 536961  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.8 11.6  
80 9.7 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 18.309 ng  
RT: 10.510 min Scan# 1415  
Delta R.T. -0.023 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

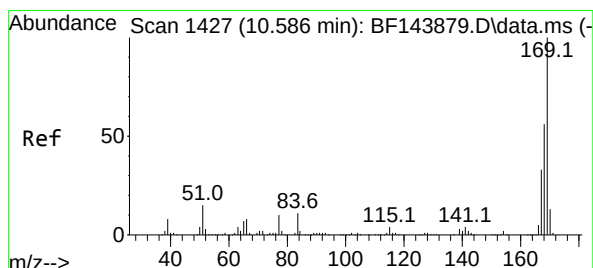
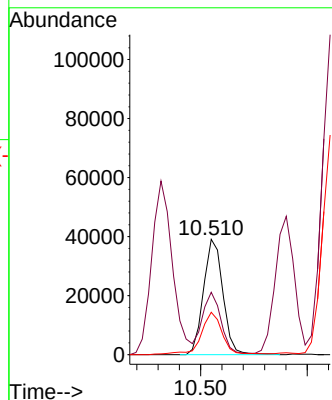
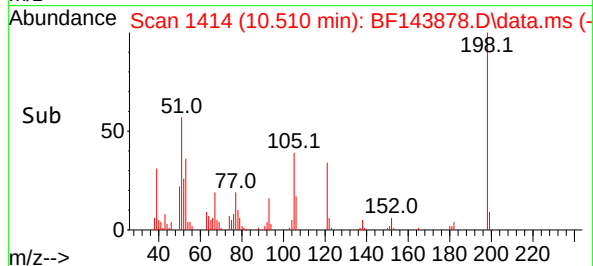
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



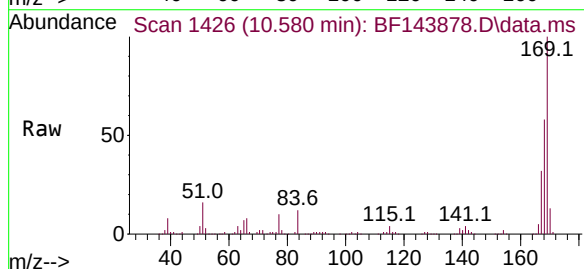
Tgt Ion:198 Resp: 49405  
Ion Ratio Lower Upper  
198 100  
51 54.1 33.8 73.8  
105 36.7 17.0 57.0

Manual Integrations  
APPROVED

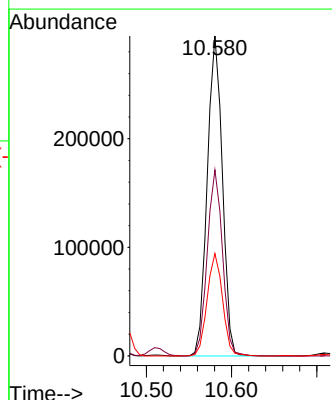
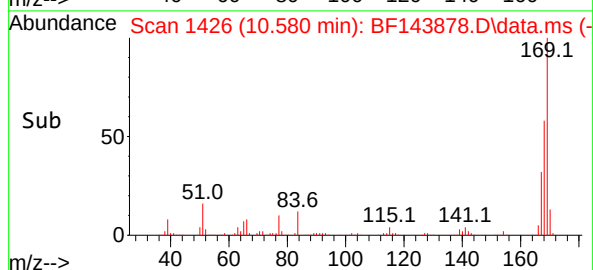
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

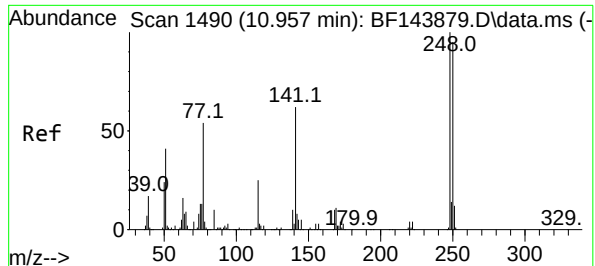


#66  
n-Nitrosodiphenylamine  
Concen: 21.484 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



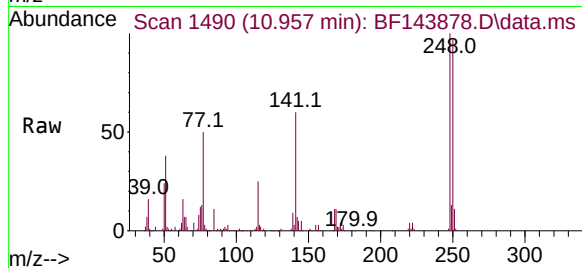
Tgt Ion:169 Resp: 362217  
Ion Ratio Lower Upper  
169 100  
168 58.1 44.9 67.3  
167 32.0 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 20.876 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

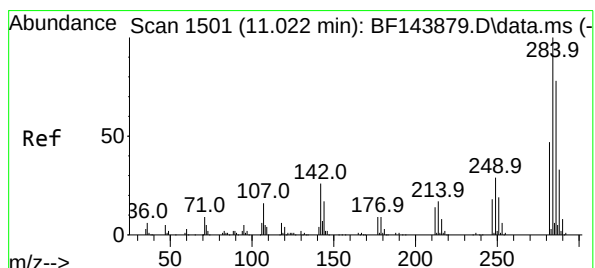
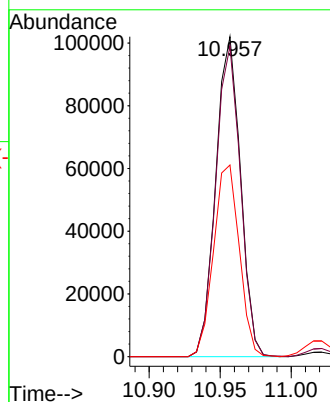
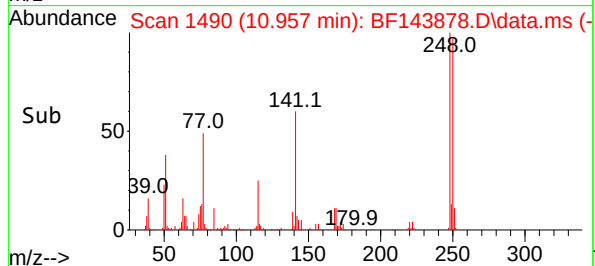
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



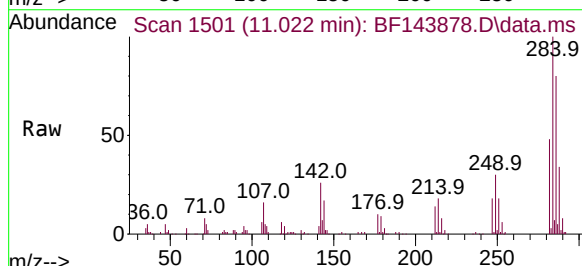
Tgt Ion:248 Resp: 123882  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.3 114.5  
141 59.9 49.7 74.5

Manual Integrations  
APPROVED

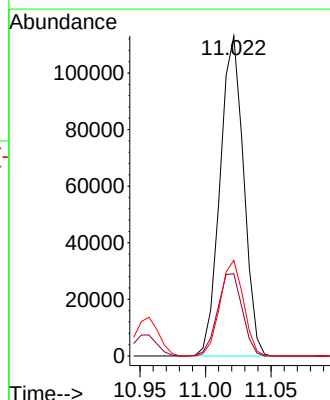
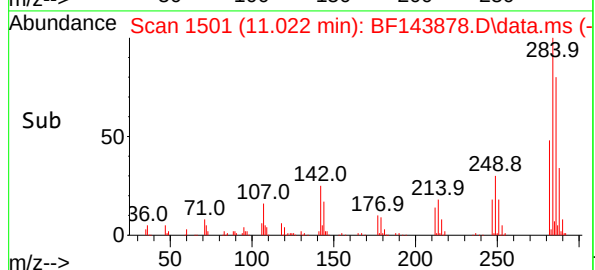
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

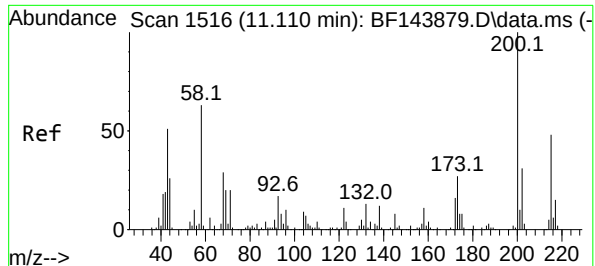


#68  
Hexachlorobenzene  
Concen: 20.570 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



Tgt Ion:284 Resp: 141316  
Ion Ratio Lower Upper  
284 100  
142 25.7 20.6 30.8  
249 29.9 23.2 34.8





#69

Atrazine

Concen: 22.405 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 114492

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

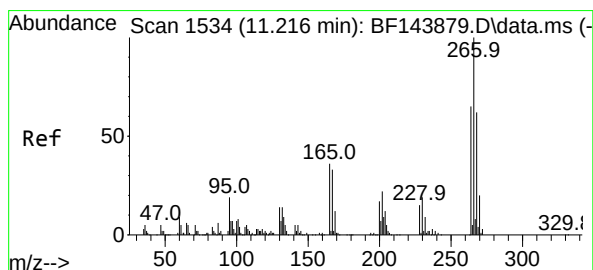
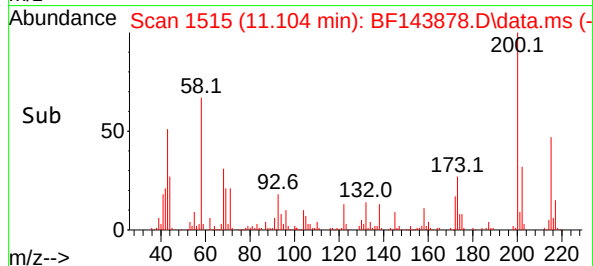
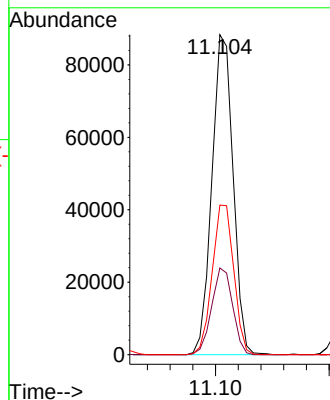
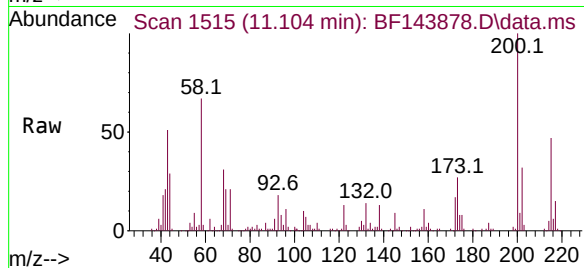
215 46.7 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 20.687 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

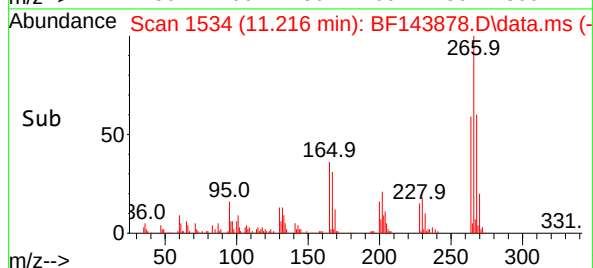
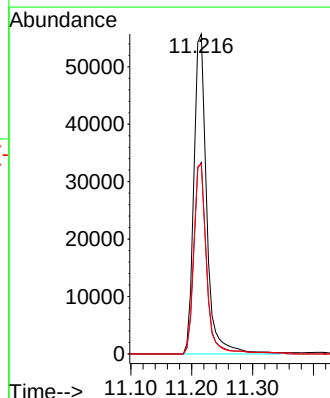
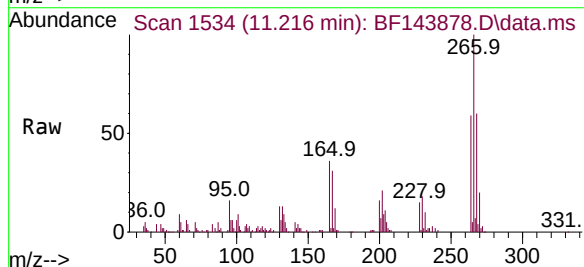
Tgt Ion:266 Resp: 81624

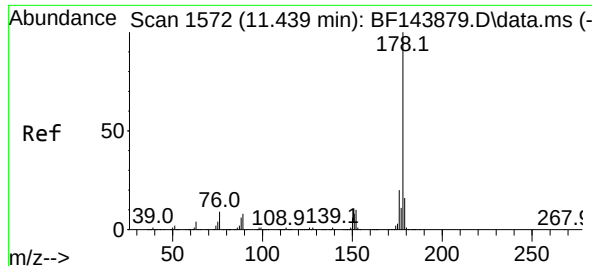
Ion Ratio Lower Upper

266 100

268 59.8 49.4 74.0

264 59.4 51.8 77.6





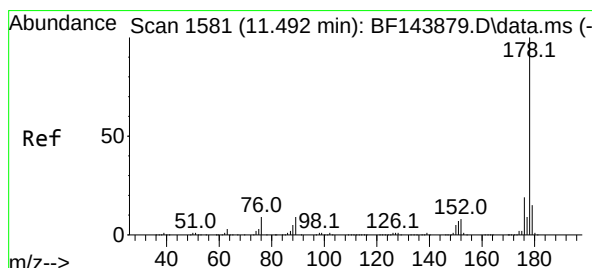
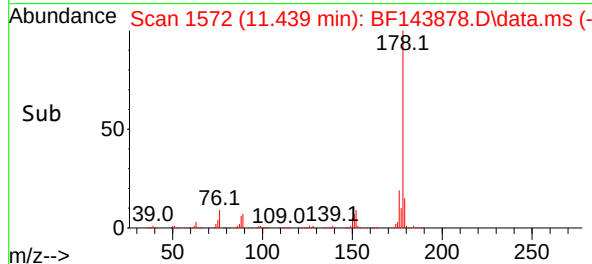
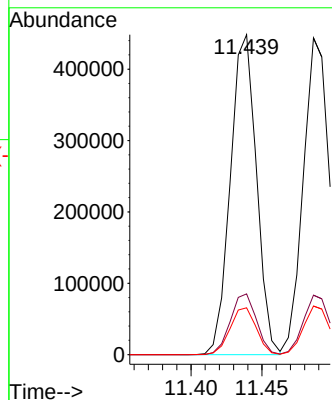
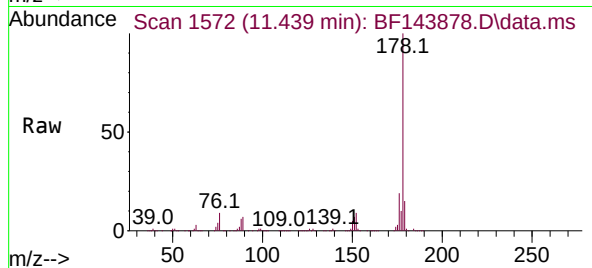
#71  
Phenanthrene  
Concen: 21.979 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:178 Resp: 57215  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.9 23.9  
179 14.6 12.4 18.6

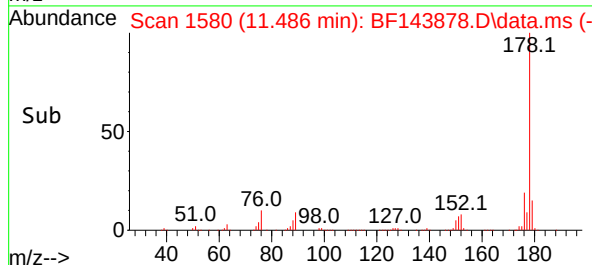
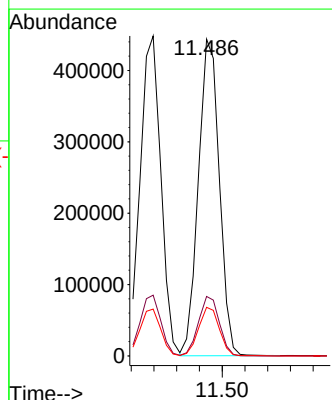
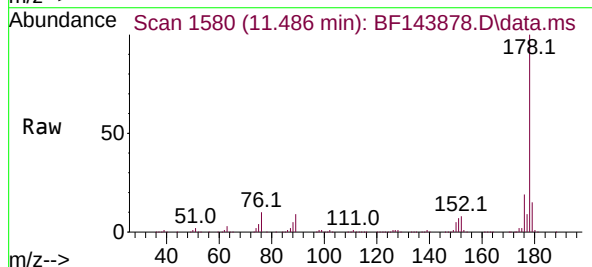
Manual Integrations  
APPROVED

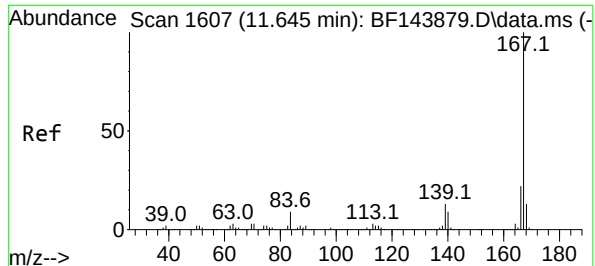
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 21.588 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

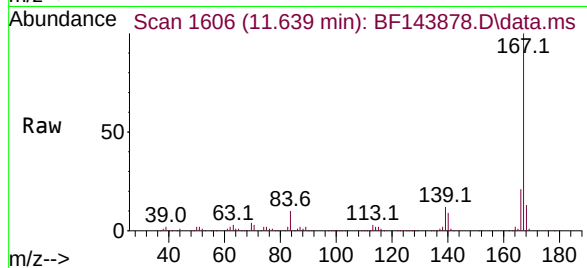
Tgt Ion:178 Resp: 567724  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.9 22.3  
179 15.3 12.2 18.2





#73  
Carbazole  
Concen: 21.651 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

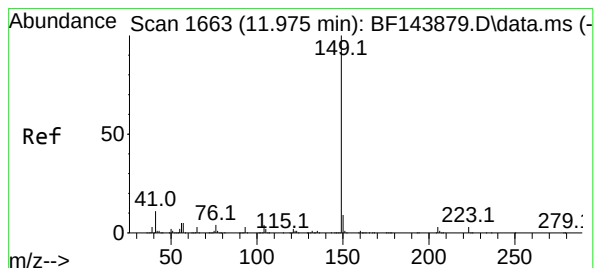
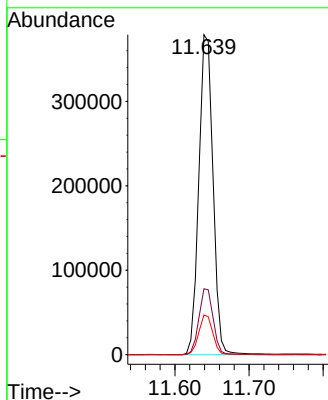
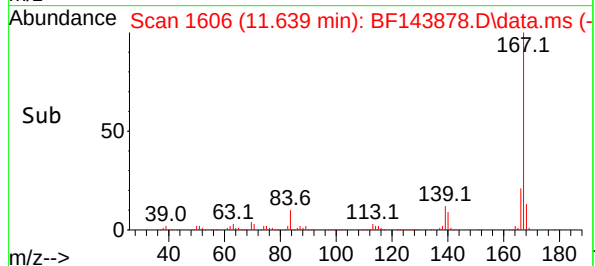
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:167 Resp: 504282  
Ion Ratio Lower Upper  
167 100  
166 20.6 17.2 25.8  
139 12.4 10.1 15.1

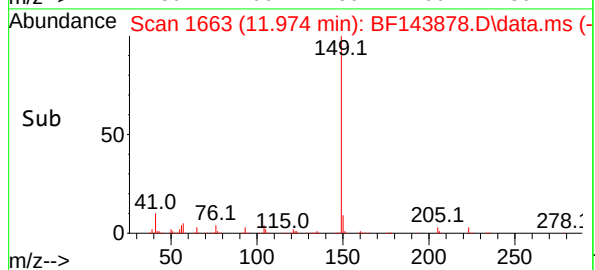
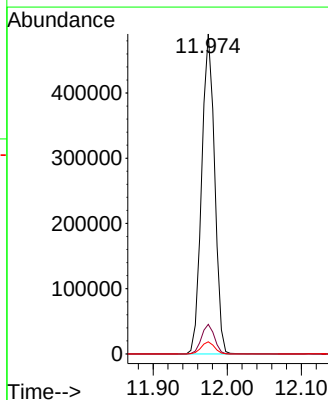
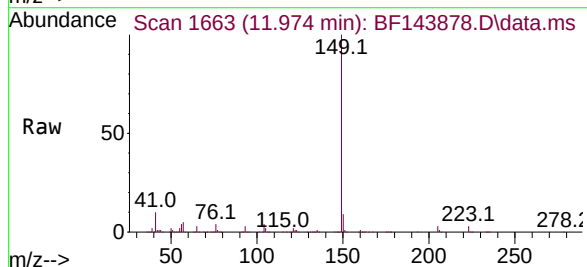
Manual Integrations  
APPROVED

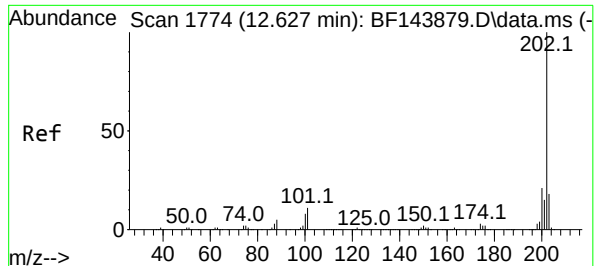
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#74  
Di-n-butylphthalate  
Concen: 22.047 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

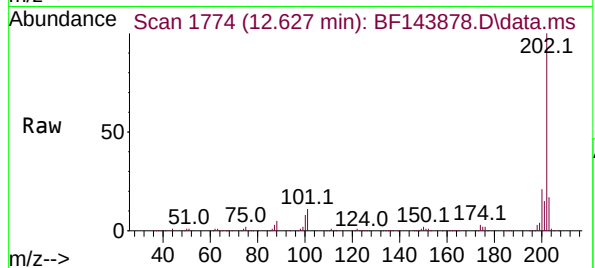
Tgt Ion:149 Resp: 595140  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 3.8 3.4 5.2





#75  
Fluoranthene  
Concen: 21.843 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

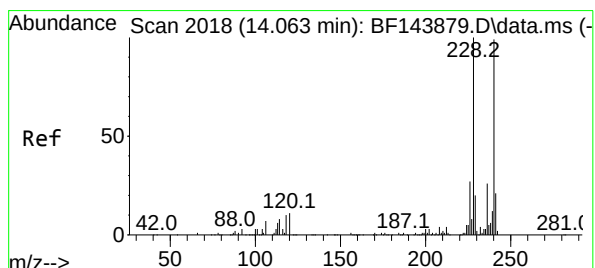
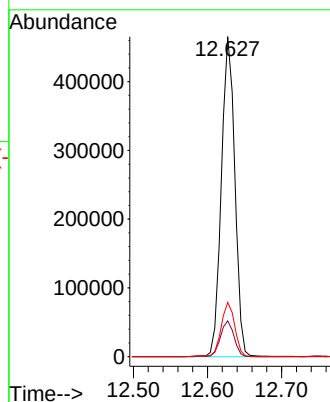
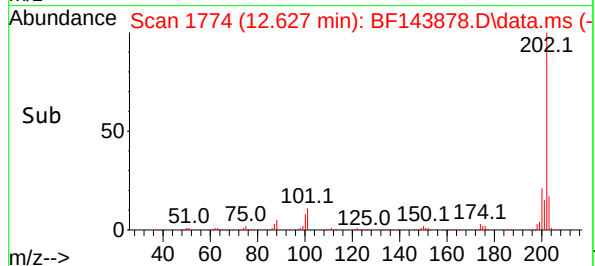
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:202 Resp: 587348  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 30.7  
203 16.9 0.0 37.8

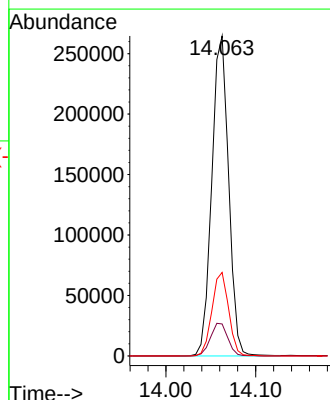
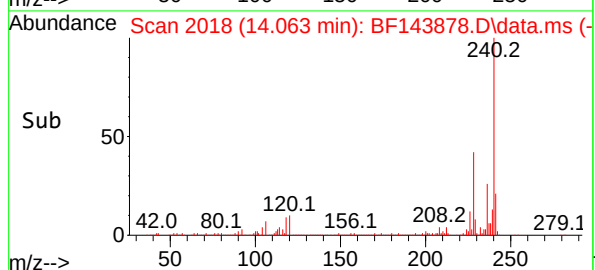
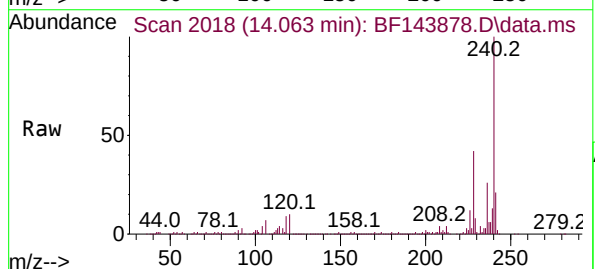
Manual Integrations  
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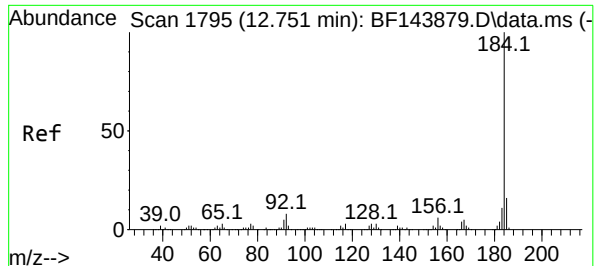
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:240 Resp: 346764  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.6 13.0  
236 26.1 21.1 31.7





#77

Benzidine

Concen: 20.710 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:184 Resp: 249358

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

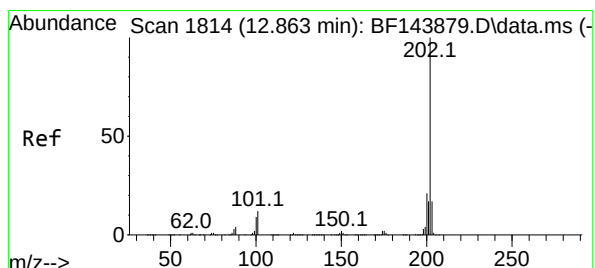
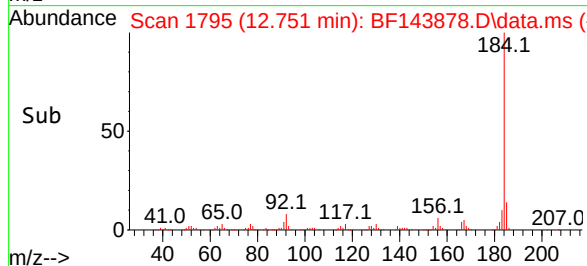
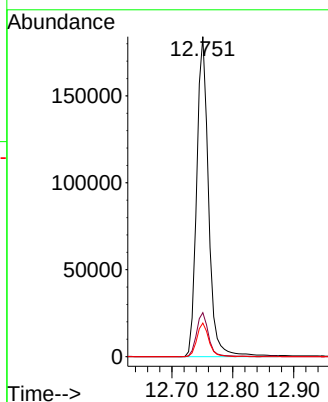
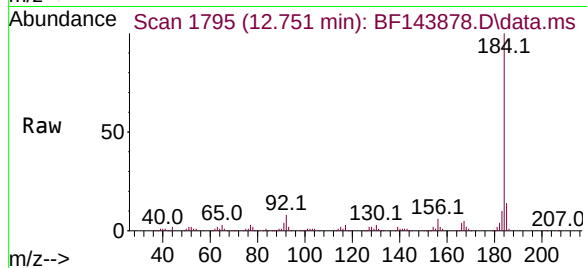
183 10.5 8.8 13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 21.215 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

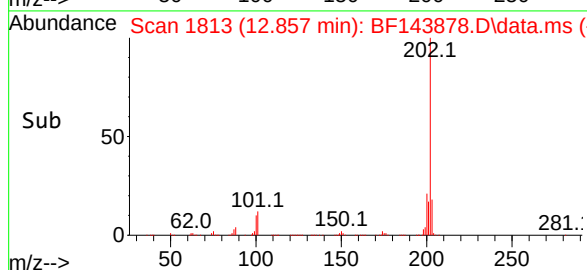
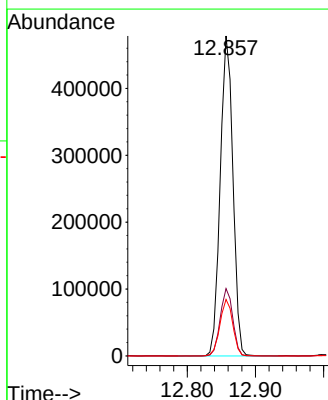
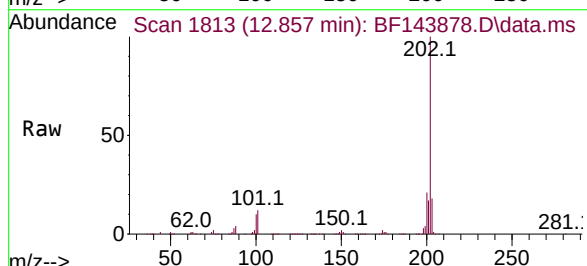
Tgt Ion:202 Resp: 613300

Ion Ratio Lower Upper

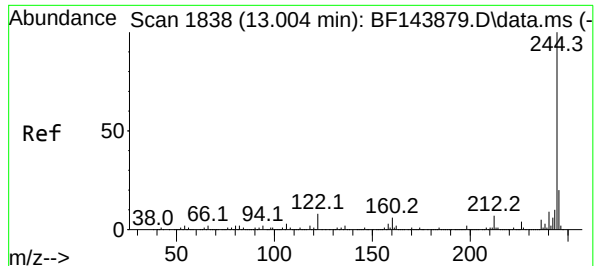
202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6







#79

Terphenyl-d14

Concen: 43.445 ng

RT: 12.998 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF143878.D

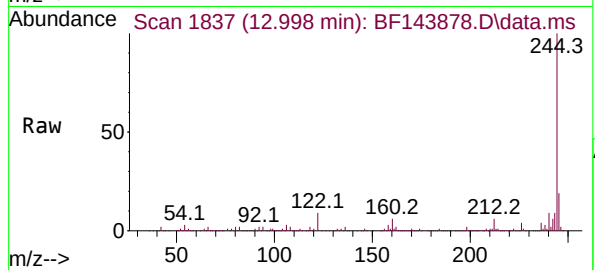
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 881486

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

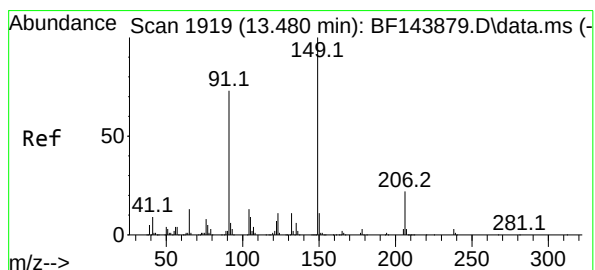
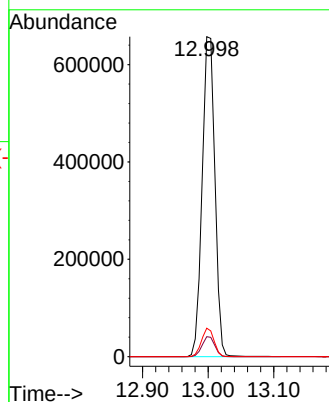
122 8.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 21.391 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

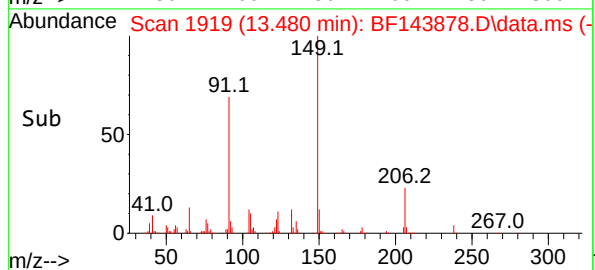
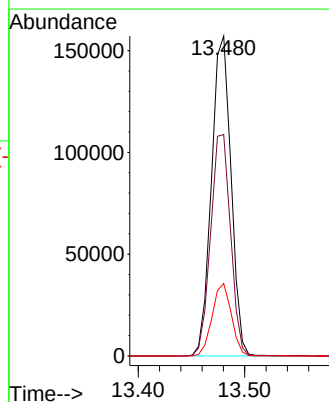
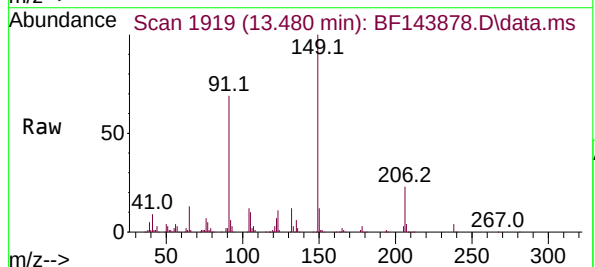
Tgt Ion:149 Resp: 200832

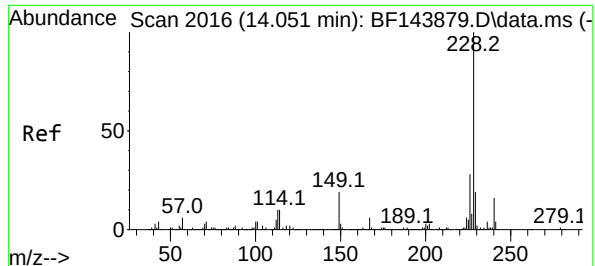
Ion Ratio Lower Upper

149 100

91 69.2 58.2 87.2

206 22.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 20.693 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 469566

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

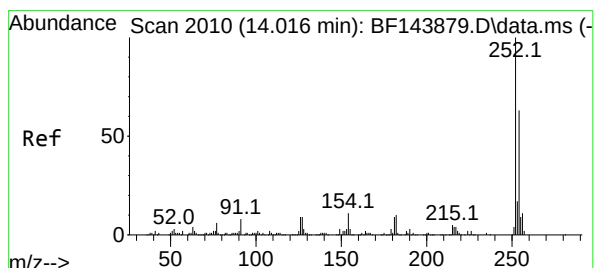
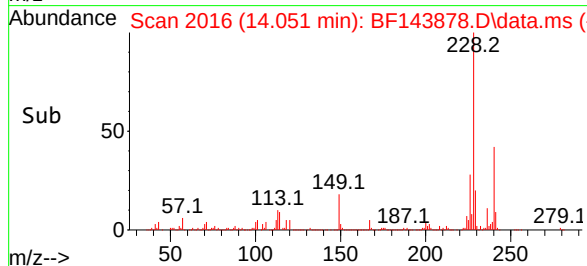
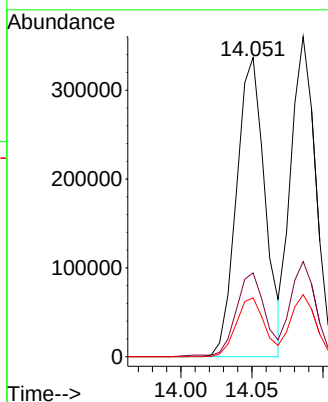
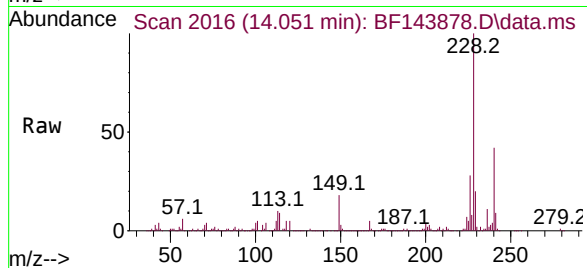
229 19.7 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

Concen: 20.219 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

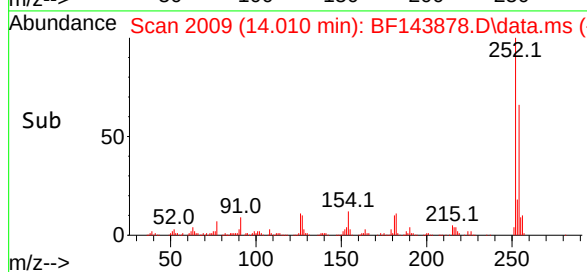
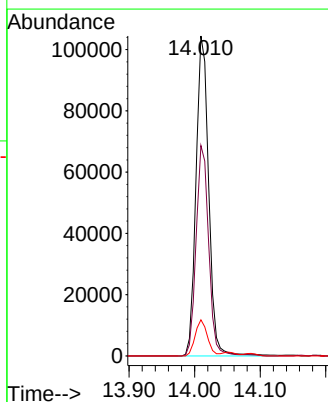
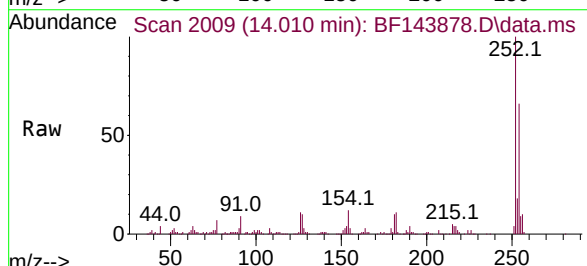
Tgt Ion:252 Resp: 139822

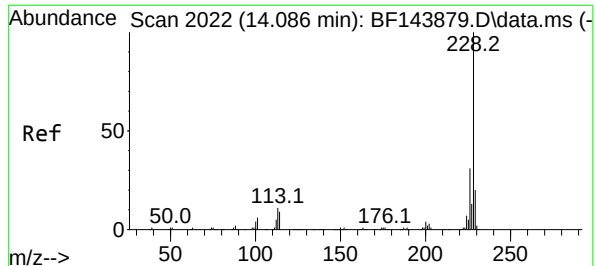
Ion Ratio Lower Upper

252 100

254 65.7 50.6 76.0

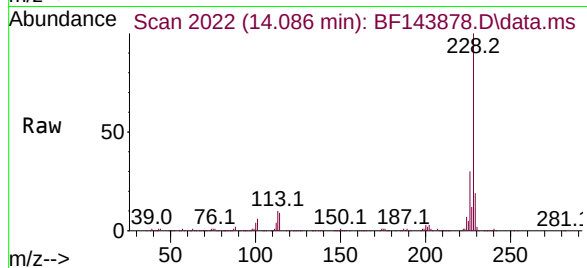
126 11.3 7.0 10.6#





#83  
Chrysene  
Concen: 20.920 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

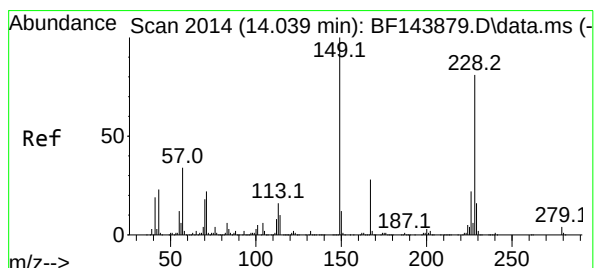
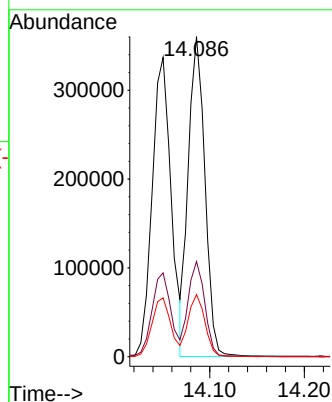
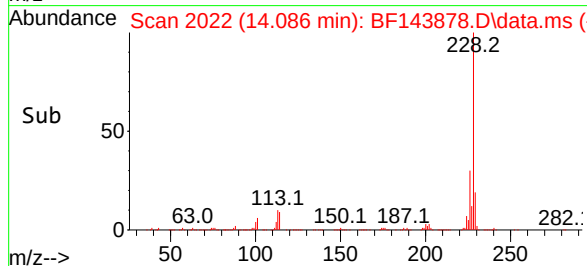
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



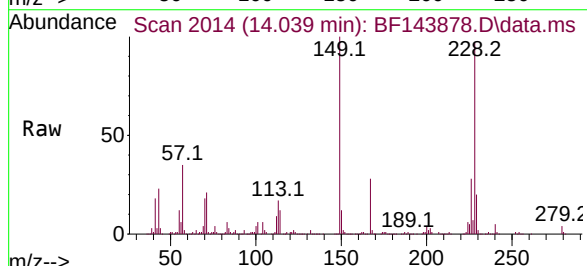
Tgt Ion:228 Resp: 439378  
Ion Ratio Lower Upper  
228 100  
226 29.7 24.4 36.6  
229 19.4 15.9 23.9

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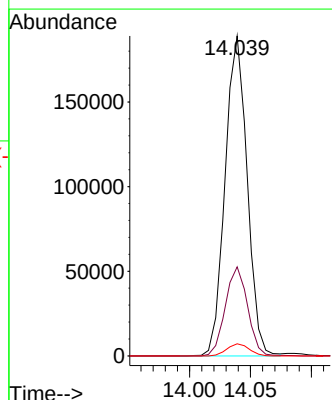
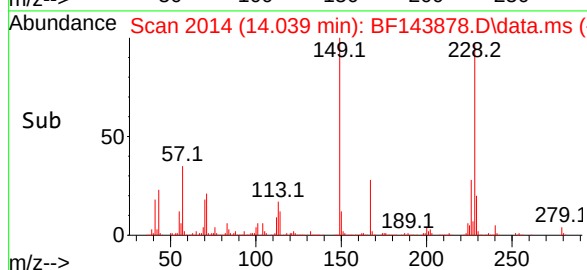
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

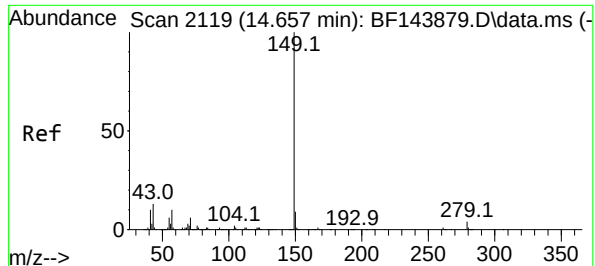


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 21.041 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



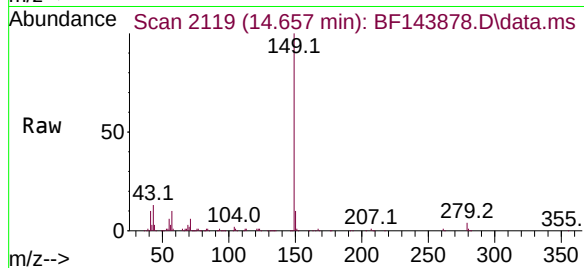
Tgt Ion:149 Resp: 238132  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.2 33.4  
279 3.8 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 18.814 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

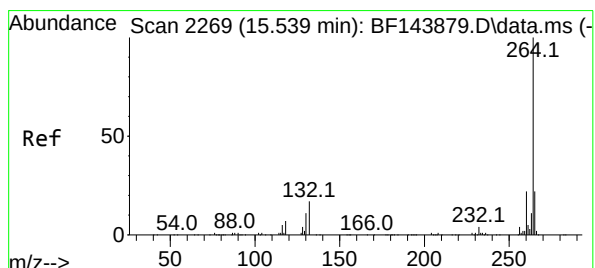
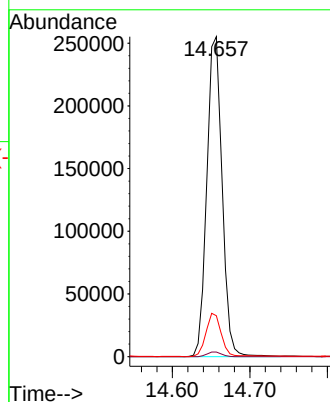
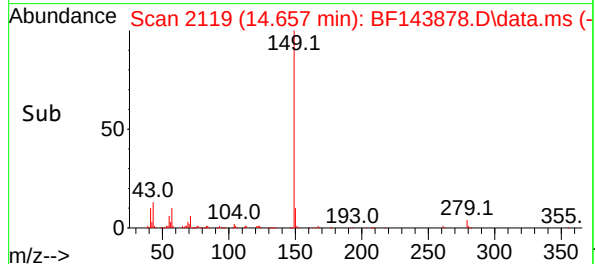
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



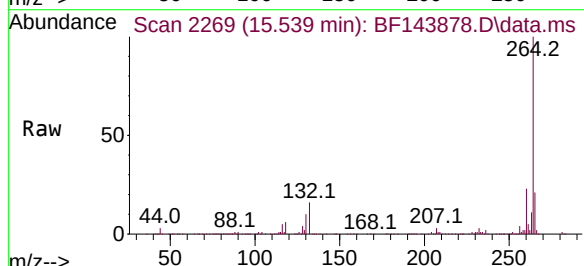
Tgt Ion:149 Resp: 349721  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 13.8 11.0 16.4

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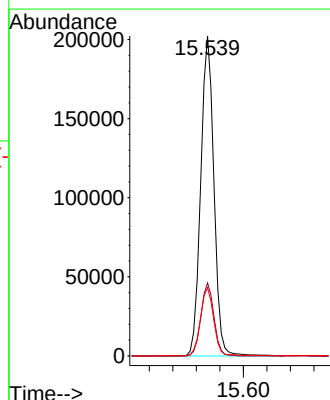
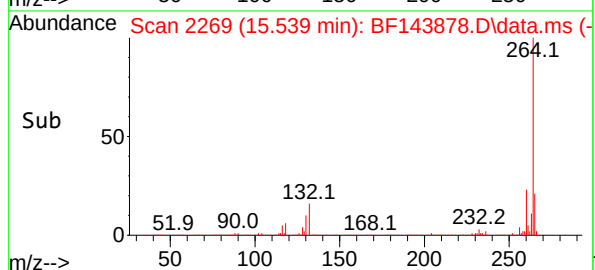
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

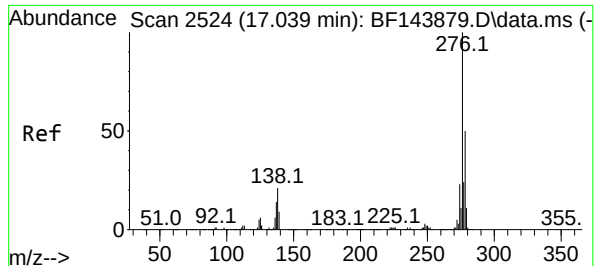


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



Tgt Ion:264 Resp: 314616  
Ion Ratio Lower Upper  
264 100  
260 22.8 17.8 26.8  
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.942 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 38444

Ion Ratio Lower Upper

276 100

138 25.5 18.2 27.2

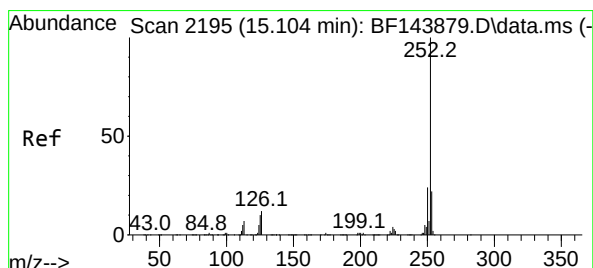
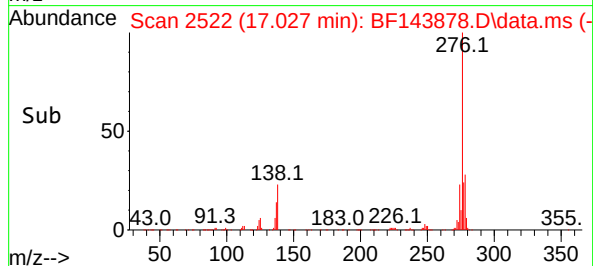
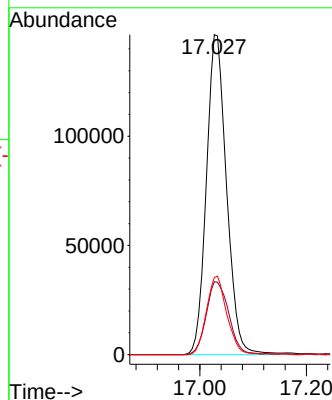
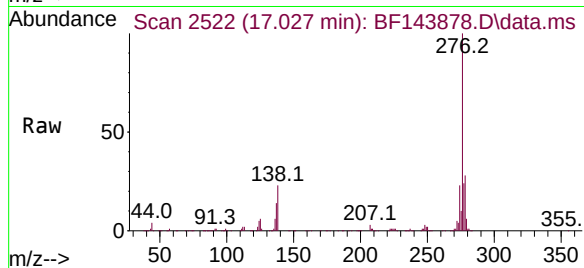
277 25.0 19.8 29.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 19.692 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

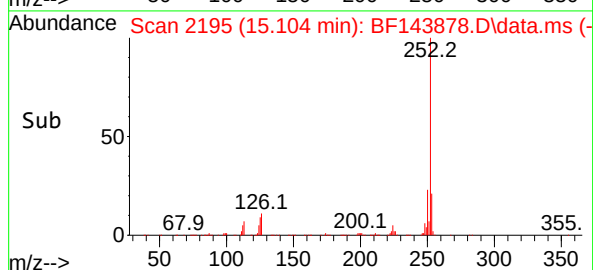
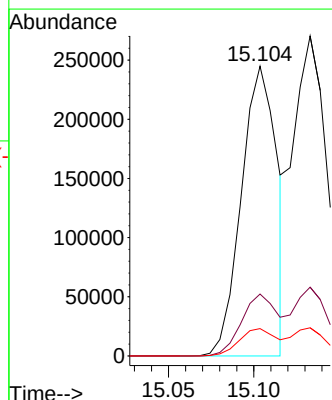
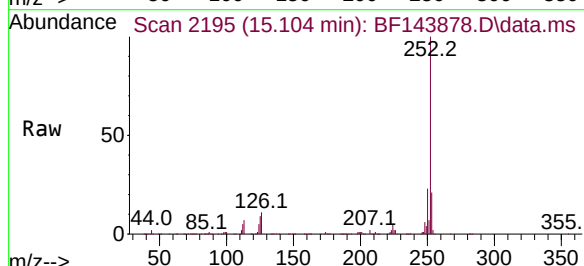
Tgt Ion:252 Resp: 355882

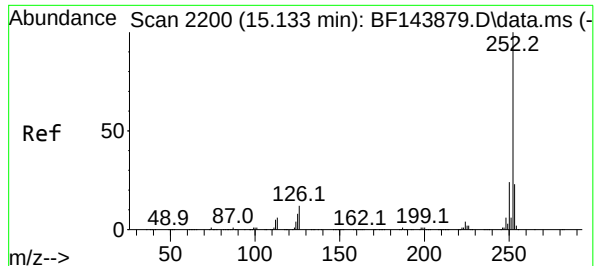
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 23.106 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143878.D

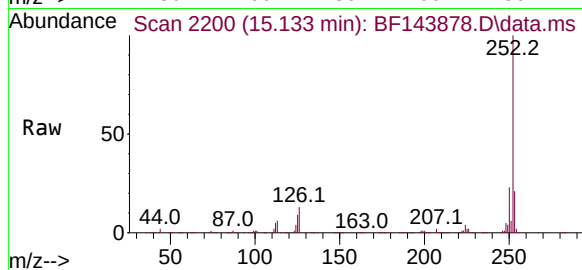
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:252 Resp: 386399

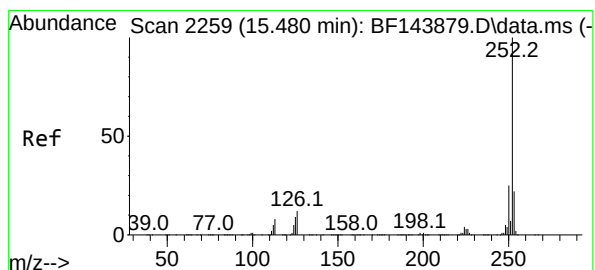
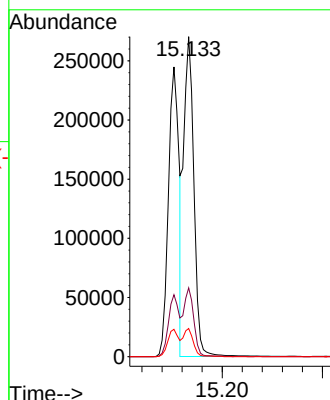
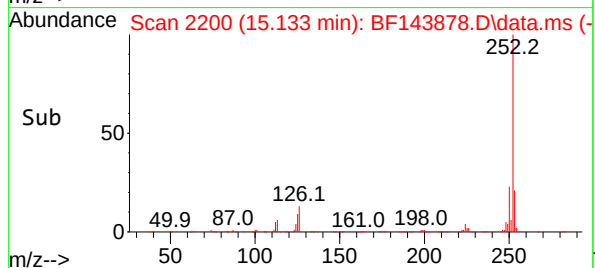
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.5  | 17.8  | 26.8  |
| 125 | 8.8   | 7.4   | 11.2  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

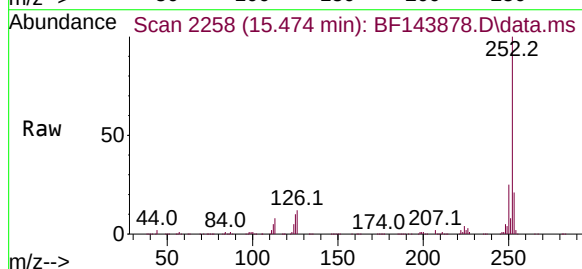
Concen: 20.822 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

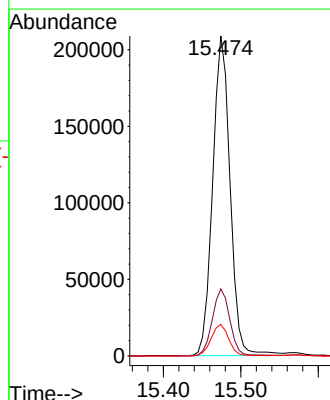
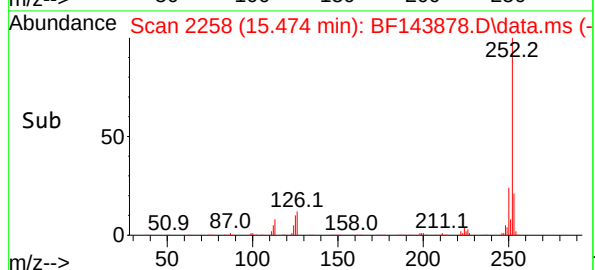
Lab File: BF143878.D

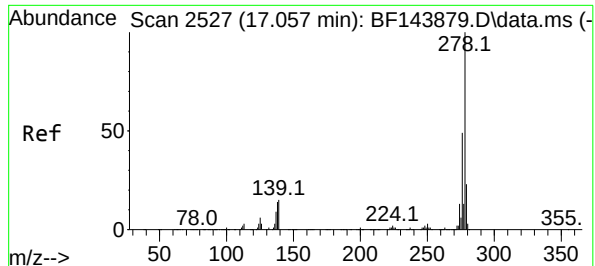
Acq: 06 Oct 2025 11:56



Tgt Ion:252 Resp: 326291

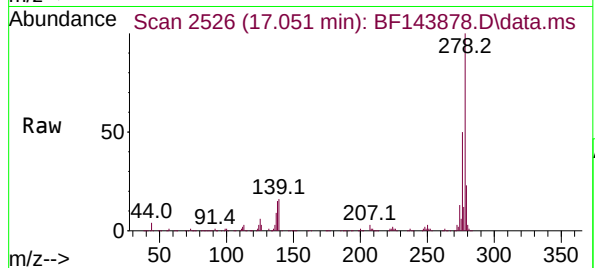
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.9  | 17.3  | 25.9  |
| 125 | 9.8   | 7.0   | 10.4  |





#91  
Dibenzo(a,h)anthracene  
Concen: 20.589 ng  
RT: 17.051 min Scan# 2527  
Delta R.T. -0.029 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

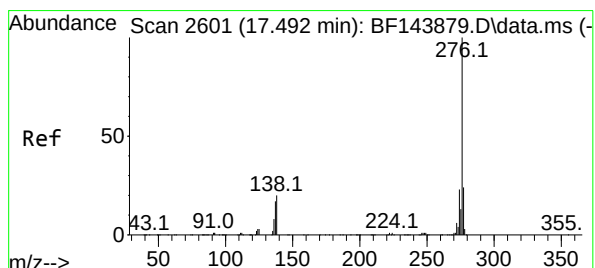
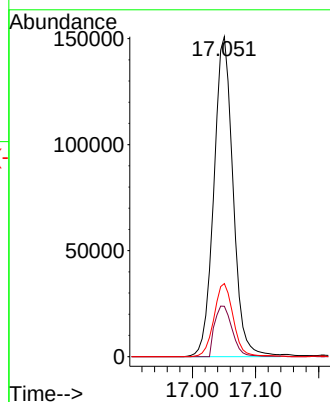
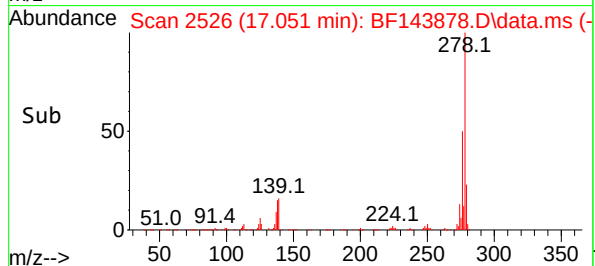
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:278 Resp: 319216  
Ion Ratio Lower Upper  
278 100  
139 15.7 11.7 17.5  
279 22.8 18.4 27.6

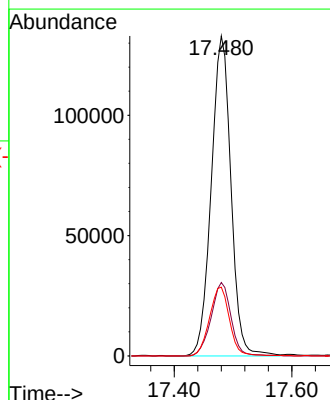
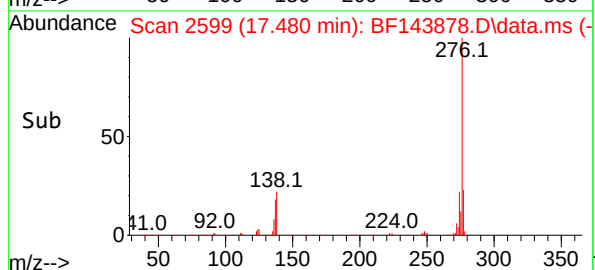
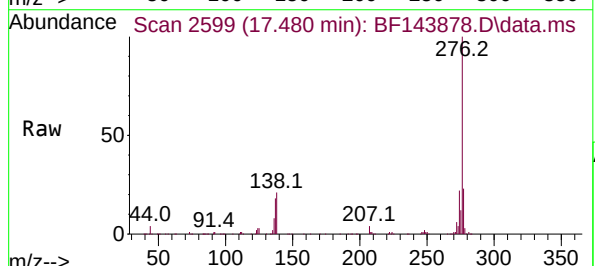
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 19.937 ng  
RT: 17.480 min Scan# 2599  
Delta R.T. -0.035 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:276 Resp: 309120  
Ion Ratio Lower Upper  
276 100  
277 23.0 19.0 28.6  
138 21.5 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143879.D  
 Acq On : 06 Oct 2025 12:54  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

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

Quant Time: Oct 06 15:38:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 124152   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 479933   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 260024   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 444949   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 254576   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 250969   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 649121   | 83.027 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 765629   | 82.158 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 662754   | 83.898 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 215478   | 83.200 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1273210  | 77.695 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1302632  | 87.451 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 151157   | 41.781 | ng    | 100      |
| 3) Pyridine                   | 3.410  | 79   | 439985   | 41.775 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 225827   | 40.760 | ng    | 100      |
| 6) Aniline                    | 6.545  | 93   | 581779   | 41.662 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.663  | 128  | 321394   | 42.055 | ng    | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 330062   | 45.914 | ng    | 100      |
| 10) Phenol                    | 6.516  | 94   | 457250m  | 41.042 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 358980   | 41.712 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 376359   | 41.141 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 372118   | 41.238 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 356137   | 41.204 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 291212   | 41.707 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 804199   | 41.052 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 261669   | 41.430 | ng    | 100      |
| 18) Hexachloroethane          | 7.398  | 117  | 124325   | 41.313 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 254701   | 39.929 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 314281   | 42.934 | ng    | 100      |
| 22) Acetophenone              | 7.292  | 105  | 415513   | 40.946 | ng    | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 375708   | 42.828 | ng    | 100      |
| 25) Isophorone                | 7.704  | 82   | 677007   | 40.645 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.781  | 139  | 167096   | 44.428 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 282923   | 41.818 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 425986   | 40.486 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 294452   | 41.782 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 286330   | 41.312 | ng    | 100      |
| 31) Naphthalene               | 8.187  | 128  | 894263   | 40.961 | ng    | 100      |
| 32) Benzoic acid              | 7.916  | 122  | 199609m  | 42.630 | ng    |          |
| 33) 4-Chloroaniline           | 8.234  | 127  | 340866   | 41.630 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 198282   | 41.170 | ng    | 100      |
| 35) Caprolactam               | 8.604  | 113  | 91458    | 40.816 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 275908   | 40.758 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 591428   | 40.669 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 581114   | 41.196 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 306622   | 42.665 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 133694   | 44.842 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 231469   | 44.081 | ng    | 100      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143879.D  
 Acq On : 06 Oct 2025 12:54  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

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

Quant Time: Oct 06 15:38:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

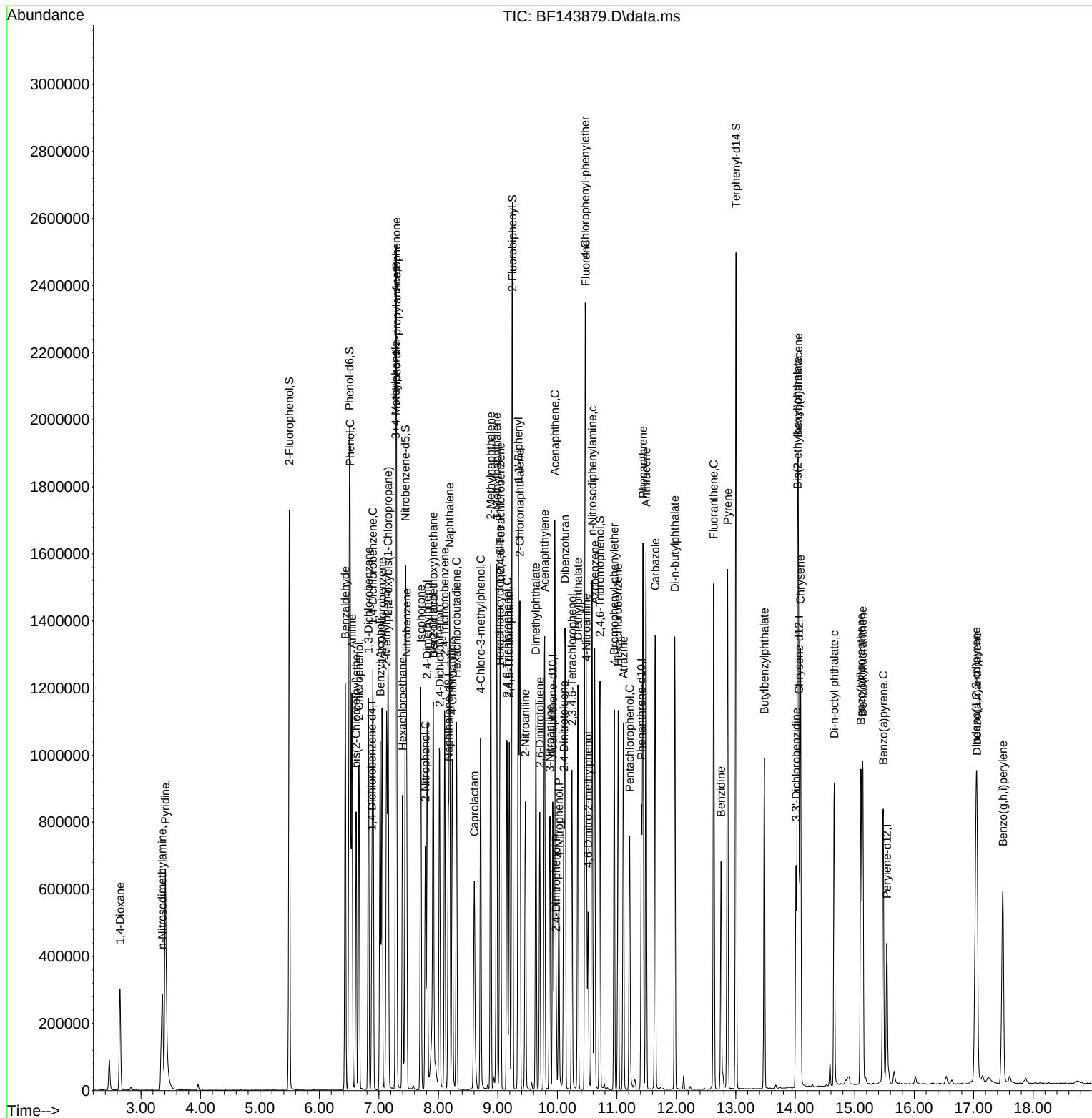
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 237161   | 42.739 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 714293   | 41.490 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 591442   | 41.204 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 203733   | 44.894 | ng    | 100      |
| 49) Acenaphthylene            | 9.786  | 152  | 844067   | 41.828 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 671290   | 40.653 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 136198   | 44.481 | ng    | 100      |
| 52) Acenaphthene              | 9.957  | 154  | 547286   | 41.390 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 159366   | 42.507 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 62187    | 37.010 | ng    | 100      |
| 55) Dibenzofuran              | 10.128 | 168  | 776950   | 41.625 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.028 | 139  | 121519   | 42.807 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 189965   | 45.597 | ng    | 100      |
| 58) Fluorene                  | 10.475 | 166  | 570508   | 40.506 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 168932   | 43.006 | ng    | 100      |
| 60) Diethylphthalate          | 10.345 | 149  | 635433   | 41.422 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 310008   | 41.632 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.486 | 138  | 151866   | 42.123 | ng    | 100      |
| 63) Azobenzene                | 10.628 | 77   | 665698   | 41.521 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 98551    | 44.075 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 583617   | 41.773 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 205559   | 41.803 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.022 | 284  | 237363   | 41.695 | ng    | 100      |
| 69) Atrazine                  | 11.110 | 200  | 173212   | 40.905 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 140140   | 42.862 | ng    | 100      |
| 71) Phenanthrene              | 11.439 | 178  | 868592   | 40.266 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 912011   | 41.850 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 786783   | 40.765 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 936899   | 41.884 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 918503   | 41.223 | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 387464   | 43.833 | ng    | 100      |
| 78) Pyrene                    | 12.863 | 202  | 948521   | 44.692 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 315716   | 45.804 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 711609   | 42.715 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 224071   | 44.135 | ng    | 100      |
| 83) Chrysene                  | 14.086 | 228  | 658639   | 42.717 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 376273   | 45.286 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 608123   | 44.561 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 699234   | 45.470 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 636888   | 44.178 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 556111   | 41.688 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 553098   | 44.246 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.057 | 278  | 566134   | 45.774 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 560761   | 45.340 | ng    | 100      |

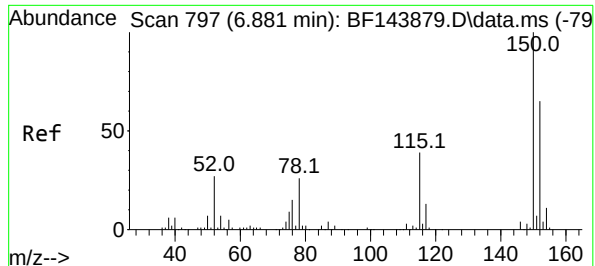
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICCC040

## Manual Integrations APPROVED

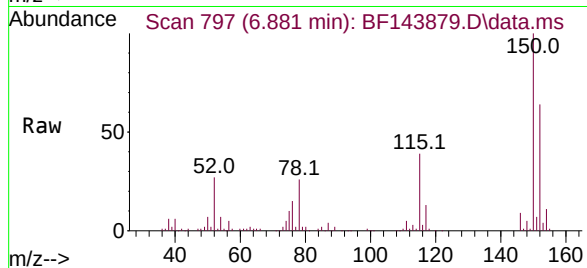
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

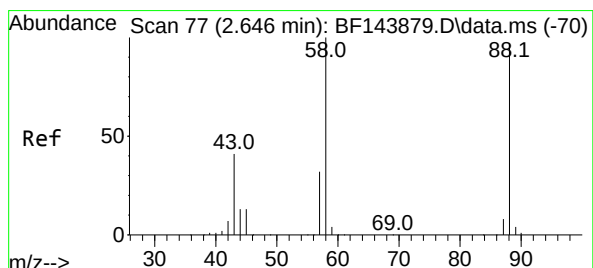
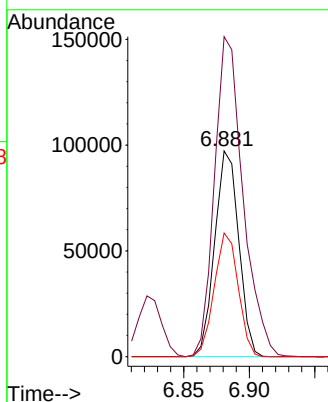
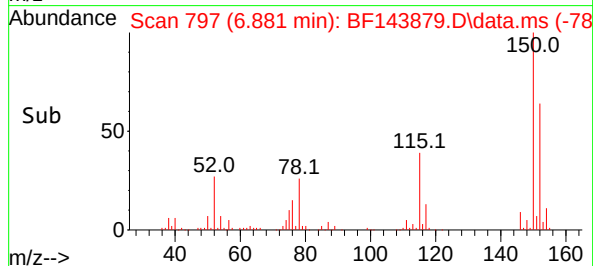
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:152 Resp: 124152  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.4 186.6  
115 60.1 48.1 72.1

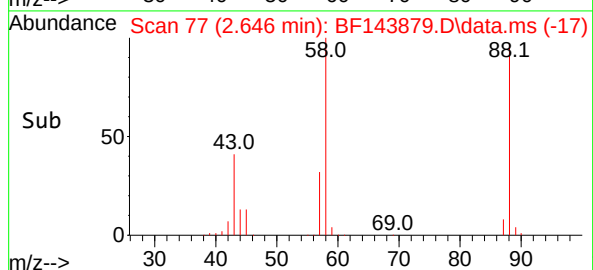
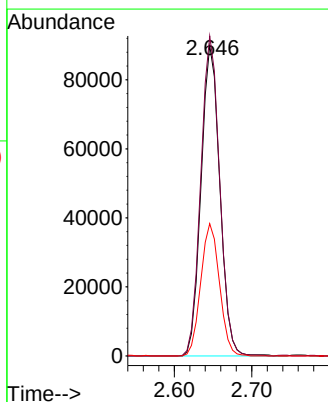
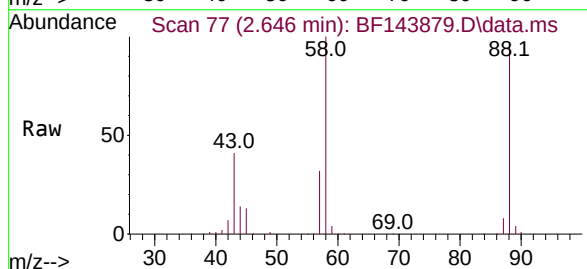
Manual Integrations  
APPROVED

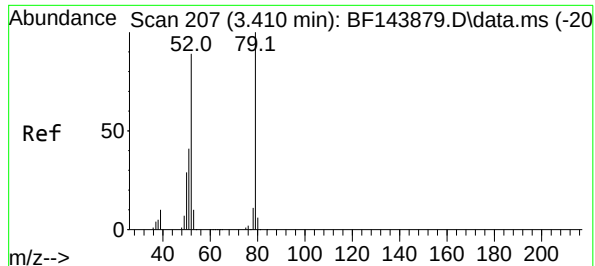
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 41.781 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion: 88 Resp: 151157  
Ion Ratio Lower Upper  
88 100  
58 103.8 83.0 124.6  
43 42.4 33.9 50.9





#3

Pyridine

Concen: 41.775 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143879.D

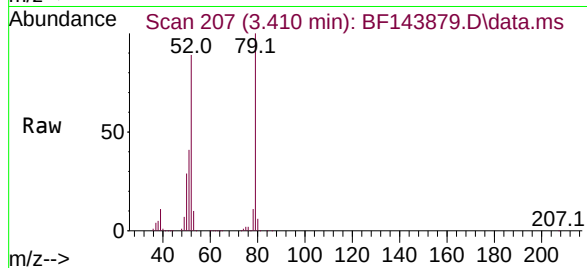
Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



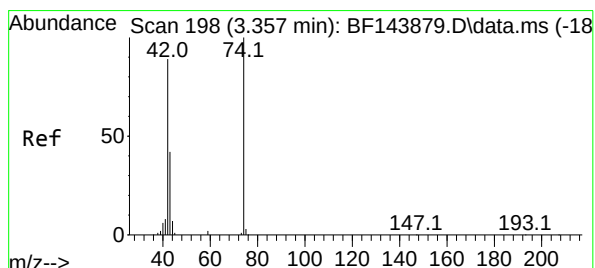
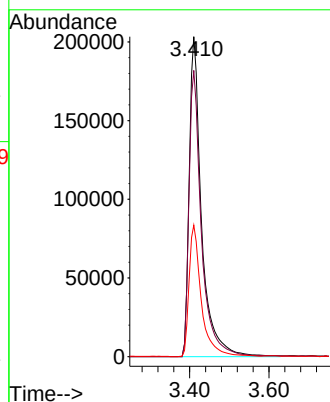
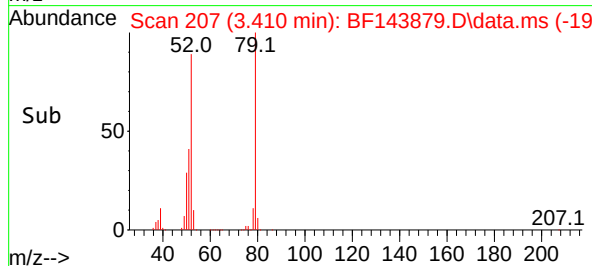
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 89.4  | 71.5  | 107.3 |
| 51      | 41.1  | 32.9  | 49.3  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

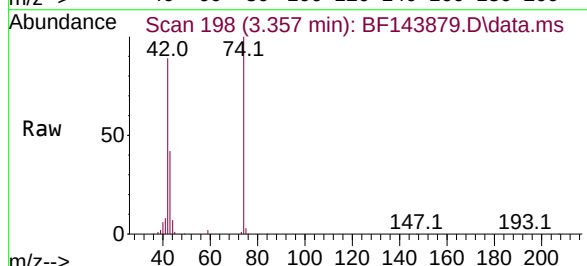
Concen: 40.760 ng

RT: 3.357 min Scan# 198

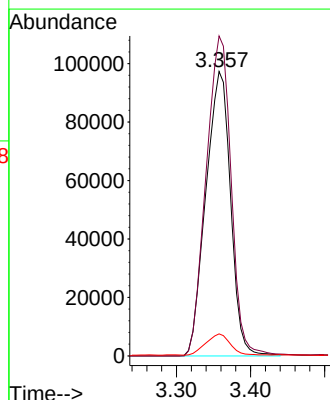
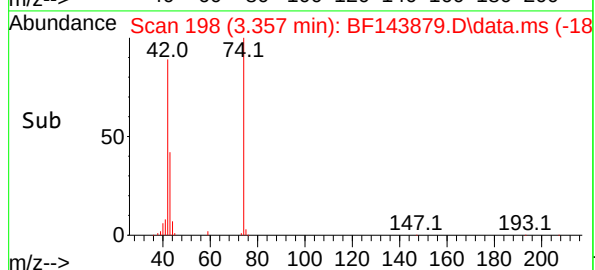
Delta R.T. -0.029 min

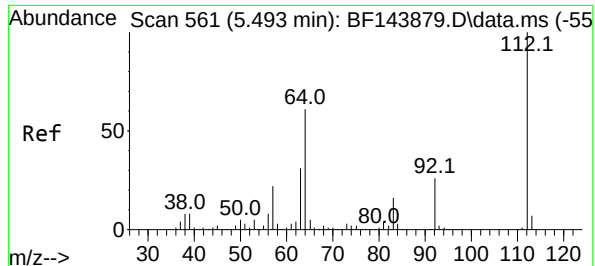
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 112.5 | 90.0  | 135.0 |
| 44      | 7.7   | 6.2   | 9.2   |





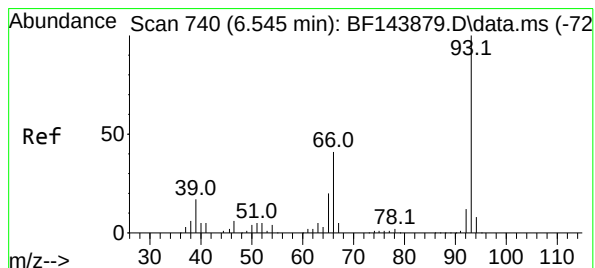
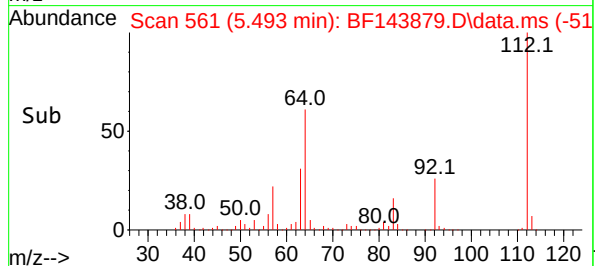
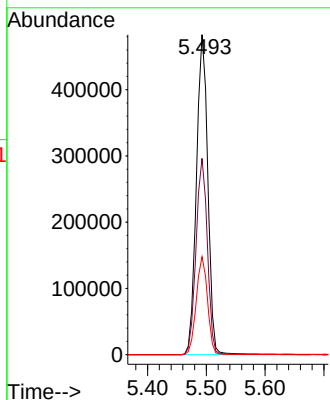
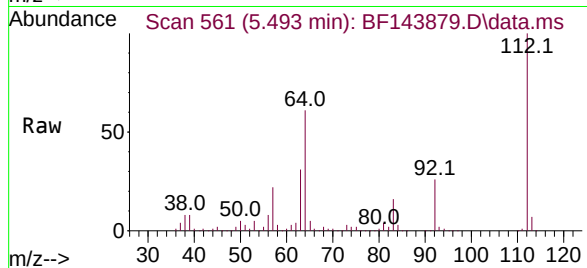
#5  
2-Fluorophenol  
Concen: 83.027 ng  
RT: 5.493 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:112 Resp: 64912  
Ion Ratio Lower Upper  
112 100  
64 61.4 49.1 73.7  
63 30.6 24.5 36.7

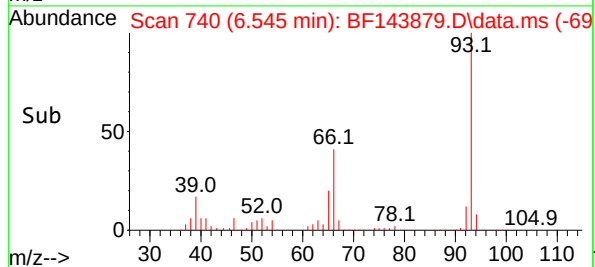
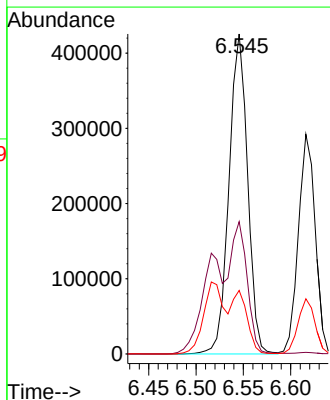
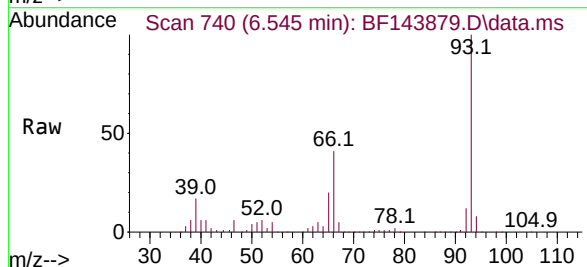
Manual Integrations  
APPROVED

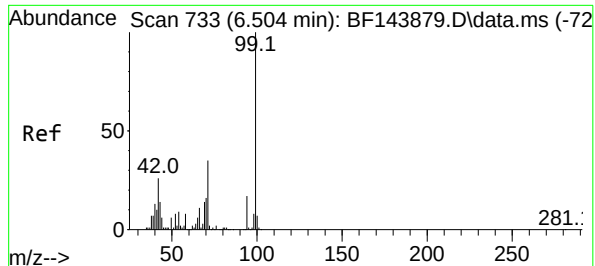
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#6  
Aniline  
Concen: 41.662 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

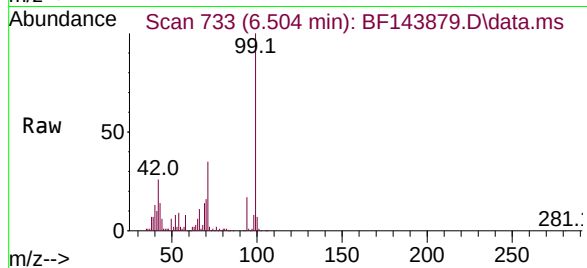
Tgt Ion: 93 Resp: 581779  
Ion Ratio Lower Upper  
93 100  
66 41.3 33.0 49.6  
65 19.8 15.8 23.8





#7  
Phenol-d6  
Concen: 82.158 ng  
RT: 6.504 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

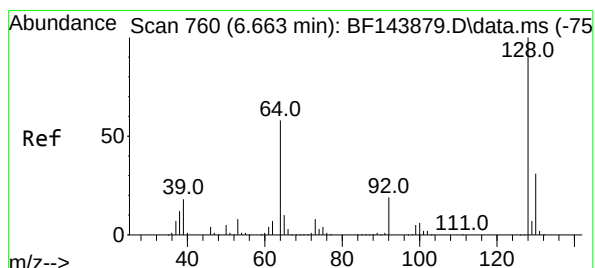
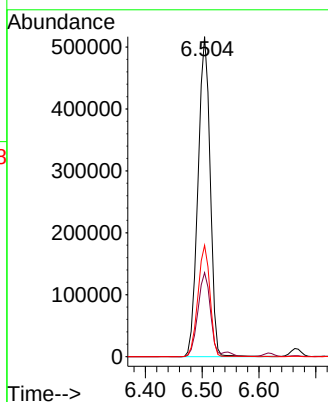
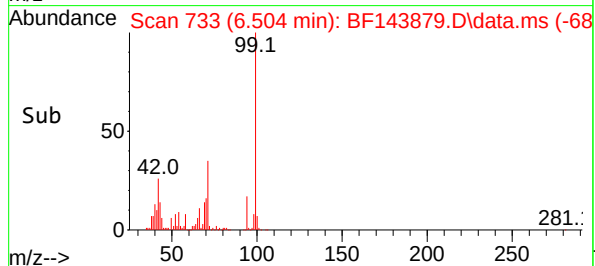
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICCC040



Tgt Ion: 99 Resp: 765629  
Ion Ratio Lower Upper  
99 100  
42 26.2 21.0 31.4  
71 34.8 27.8 41.8

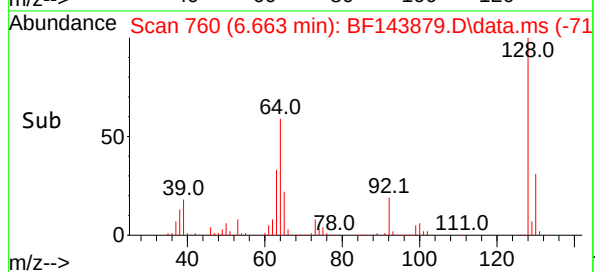
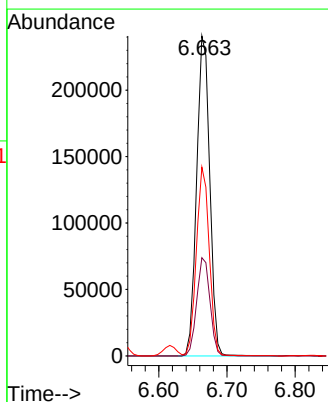
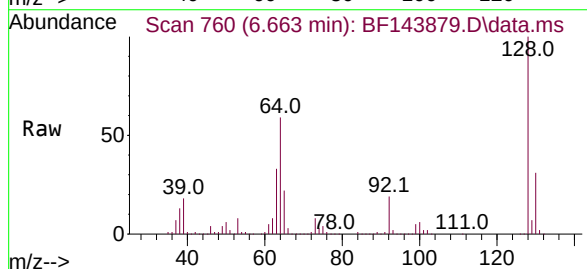
Manual Integrations  
APPROVED

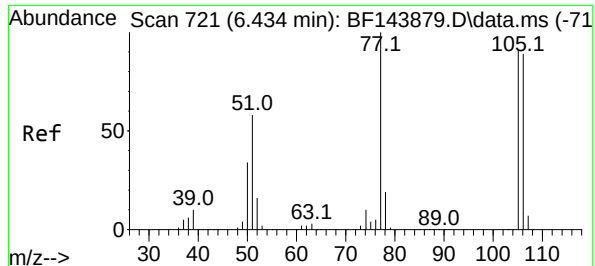
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#8  
2-Chlorophenol  
Concen: 42.055 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

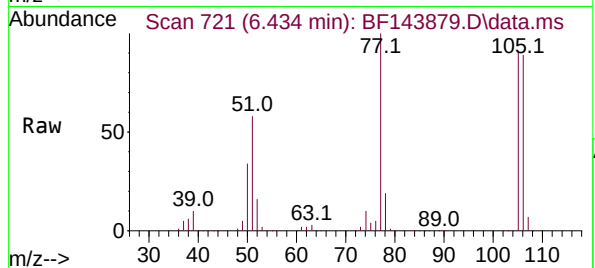
Tgt Ion:128 Resp: 321394  
Ion Ratio Lower Upper  
128 100  
130 30.7 10.7 50.7  
64 59.0 39.0 79.0





#9  
Benzaldehyde  
Concen: 45.914 ng  
RT: 6.434 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

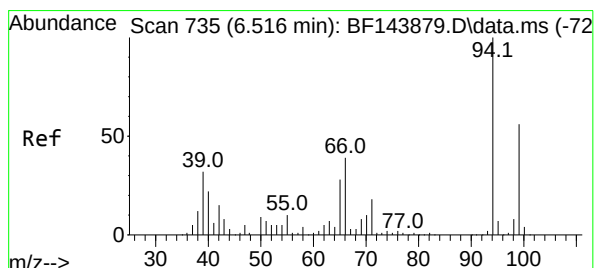
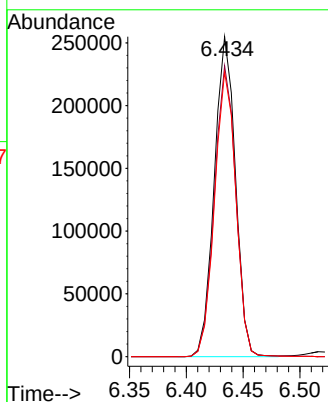
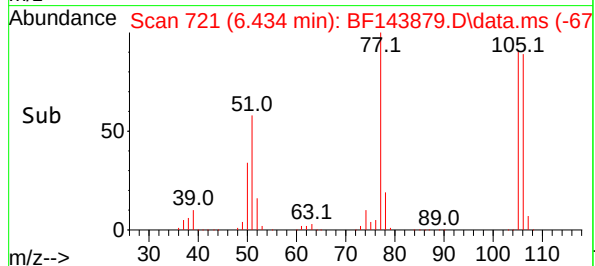
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 77 Resp: 330062  
Ion Ratio Lower Upper  
77 100  
105 90.9 70.9 110.9  
106 88.9 68.9 108.9

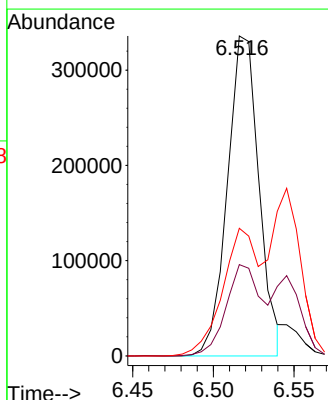
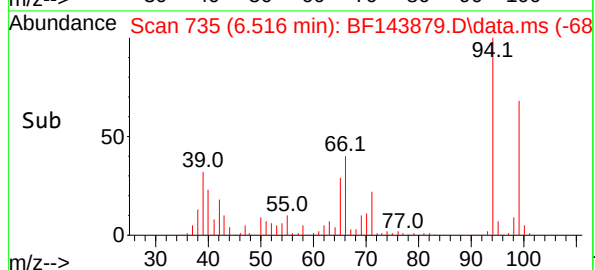
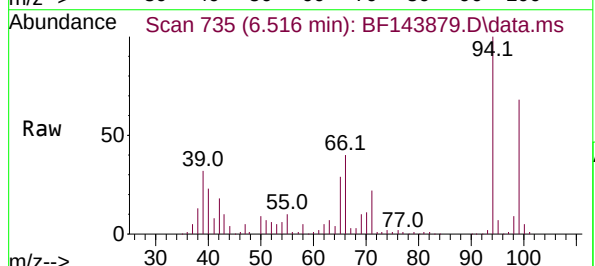
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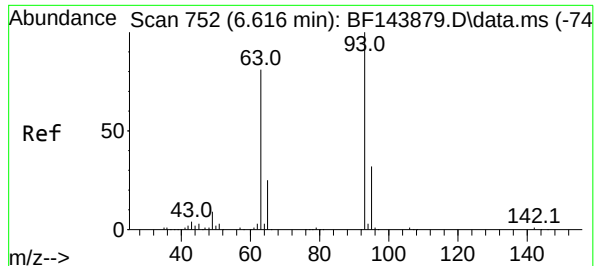
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#10  
Phenol  
Concen: 41.042 ng m  
RT: 6.516 min Scan# 735  
Delta R.T. -0.018 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion: 94 Resp: 457250  
Ion Ratio Lower Upper  
94 100  
65 28.5 8.5 48.5  
66 39.9 19.9 59.9





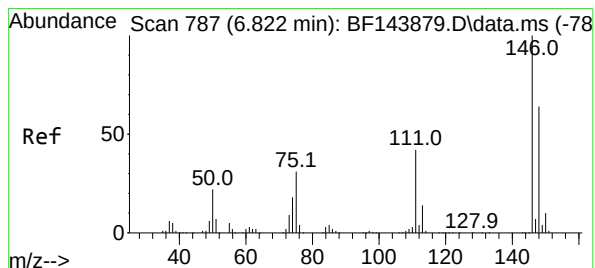
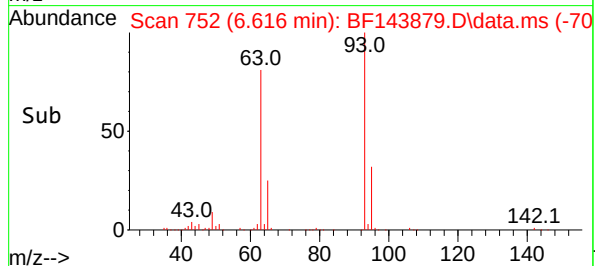
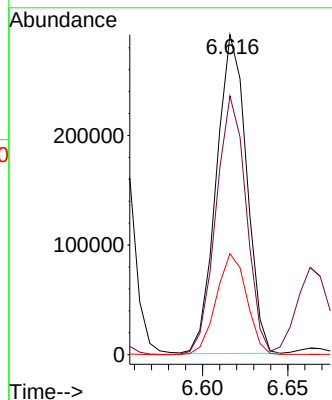
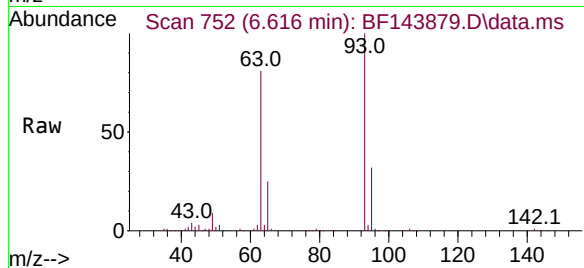
#11  
bis(2-Chloroethyl)ether  
Concen: 41.712 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 93 Resp: 358980  
Ion Ratio Lower Upper  
93 100  
63 80.9 60.9 100.9  
95 31.5 11.5 51.5

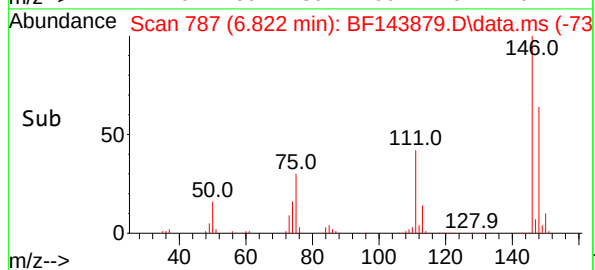
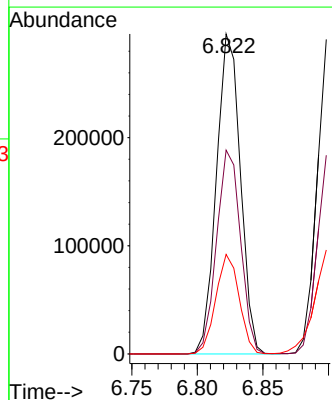
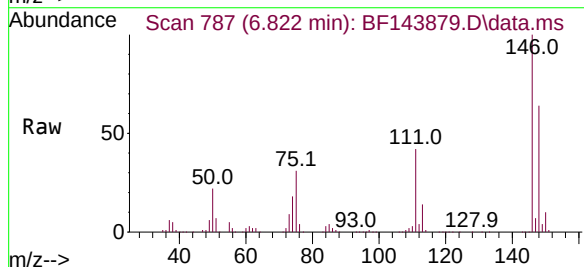
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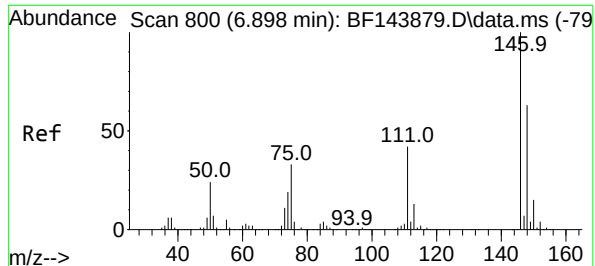


#12  
1,3-Dichlorobenzene  
Concen: 41.141 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 376359  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
75 31.1 24.9 37.3







#13

1,4-Dichlorobenzene

Concen: 41.238 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 372118

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

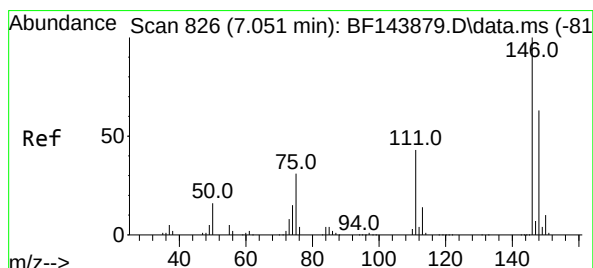
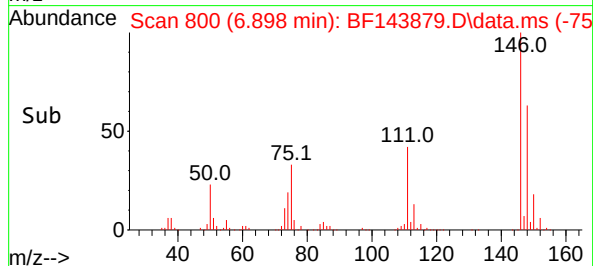
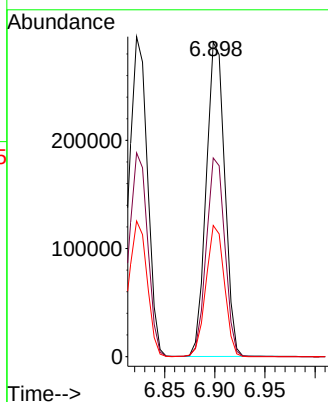
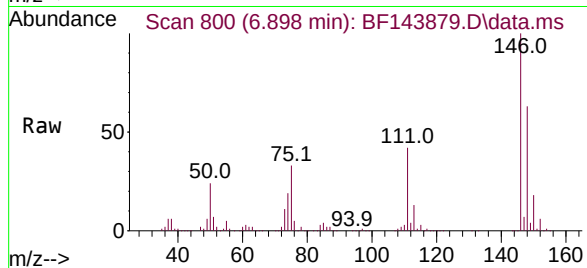
111 41.7 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 41.204 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

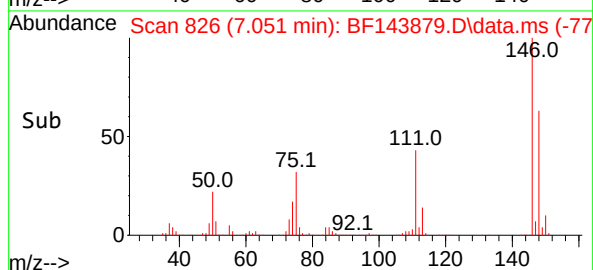
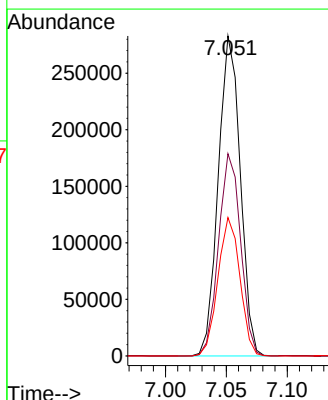
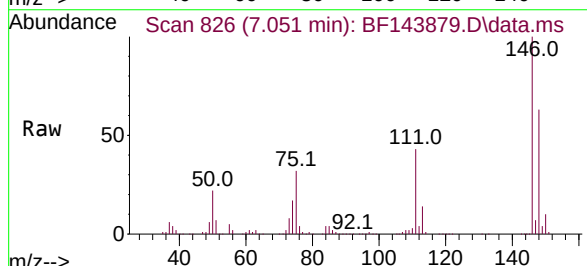
Tgt Ion:146 Resp: 356137

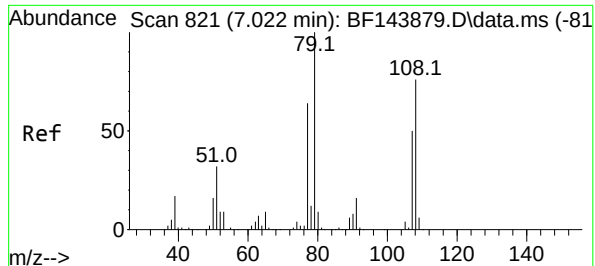
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

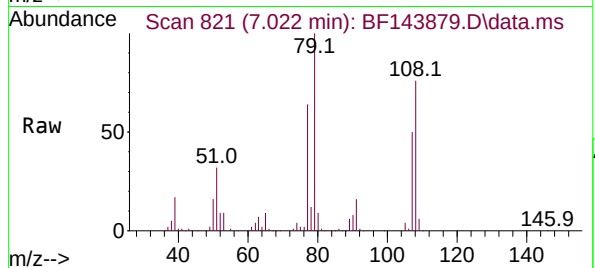
111 43.2 34.6 51.8





#15  
Benzyl Alcohol  
Concen: 41.707 ng  
RT: 7.022 min Scan# 821  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

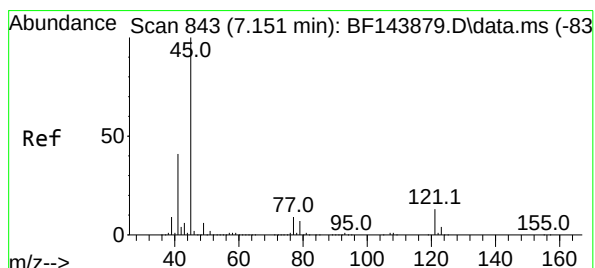
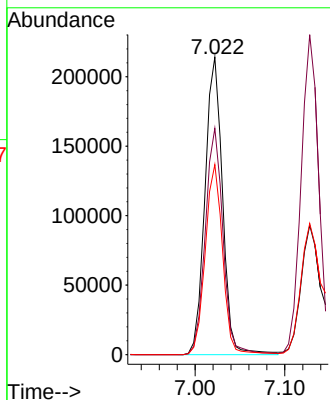
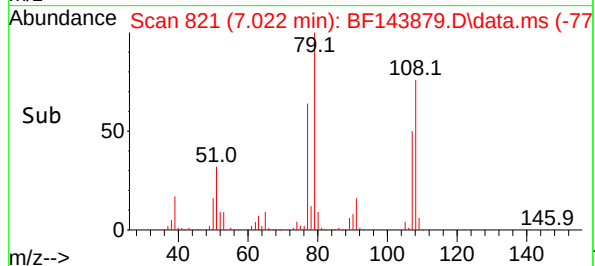
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 79 Resp: 291212  
Ion Ratio Lower Upper  
79 100  
108 76.0 60.8 91.2  
77 63.8 51.0 76.6

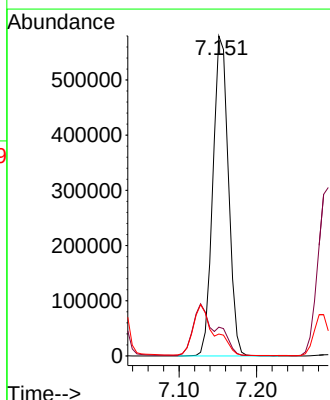
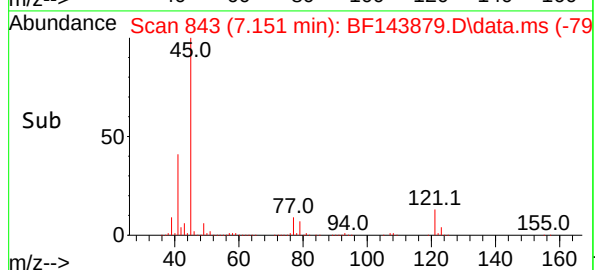
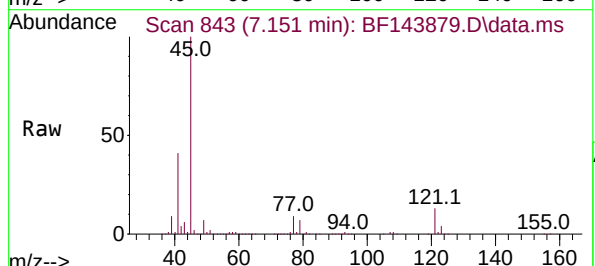
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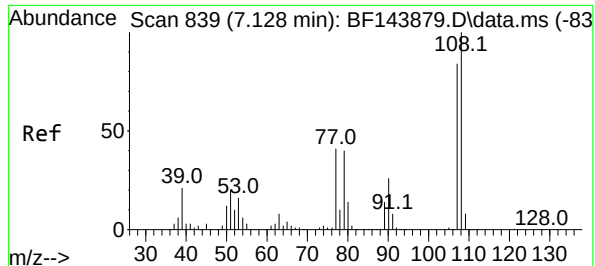
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.052 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

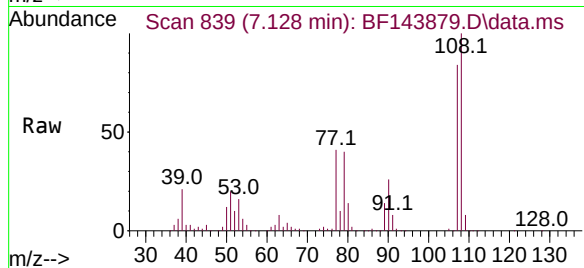
Tgt Ion: 45 Resp: 804199  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.0  
79 6.8 0.0 26.8





#17  
2-Methylphenol  
Concen: 41.430 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

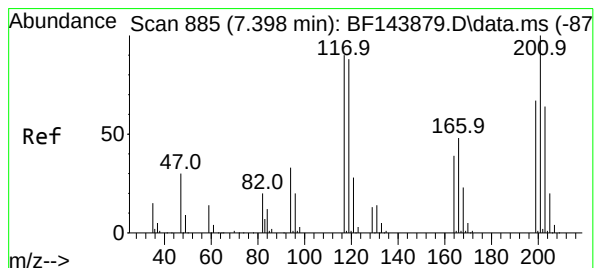
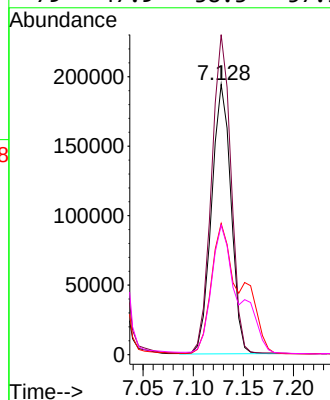
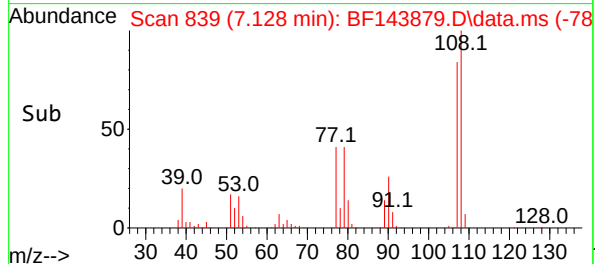
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:107 Resp: 261669  
Ion Ratio Lower Upper  
107 100  
108 118.4 94.7 142.1  
77 48.5 38.8 58.2  
79 47.9 38.3 57.5

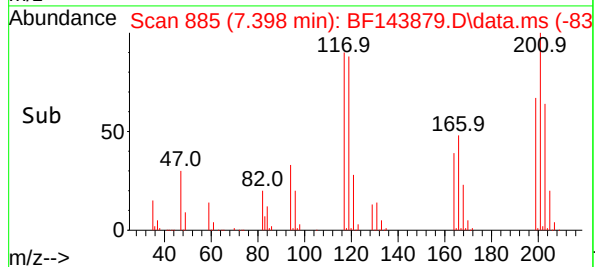
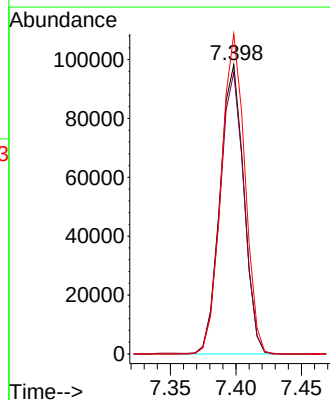
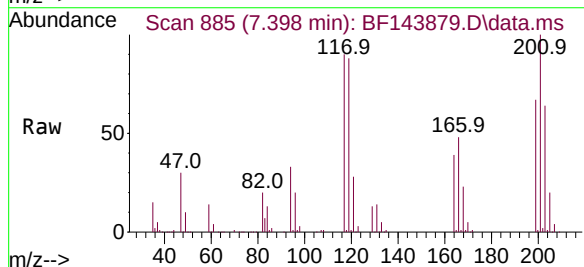
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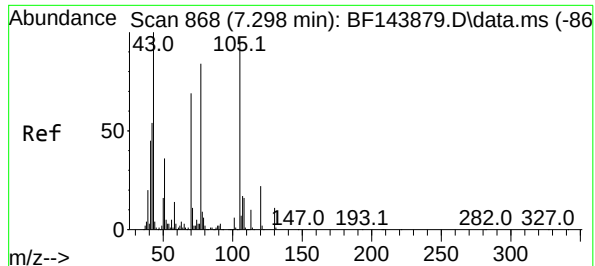
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#18  
Hexachloroethane  
Concen: 41.313 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:117 Resp: 124325  
Ion Ratio Lower Upper  
117 100  
119 97.3 77.8 116.8  
201 110.6 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.929 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 25470

Ion Ratio Lower Upper

70 100

42 78.5 62.8 94.2

101 8.4 6.7 10.1

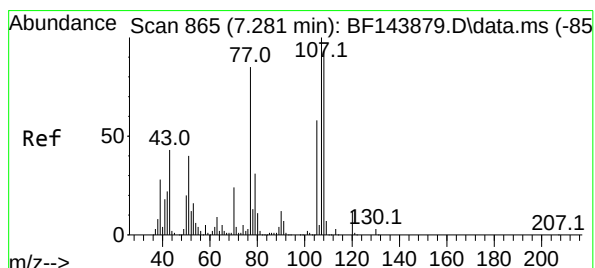
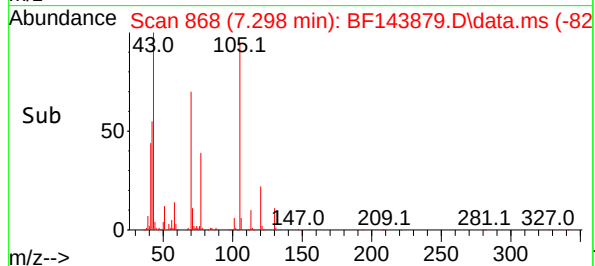
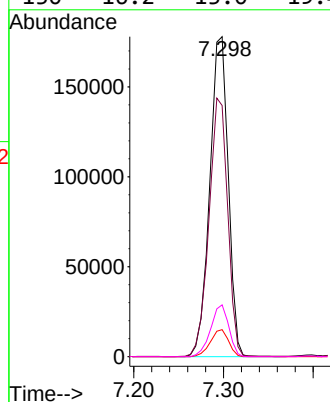
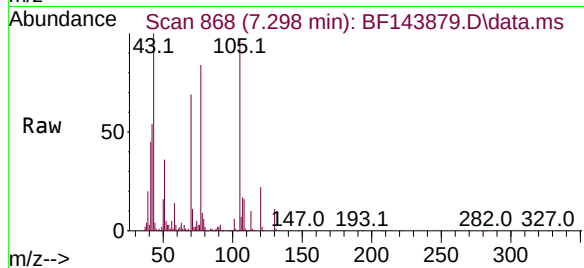
130 16.2 13.0 19.4

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Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 42.934 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 314281

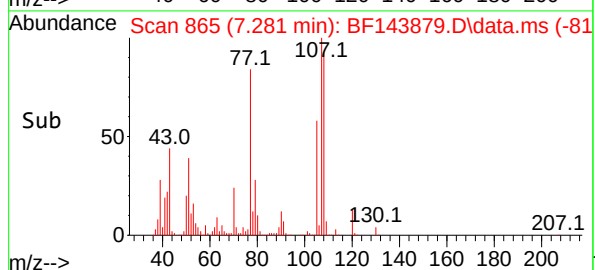
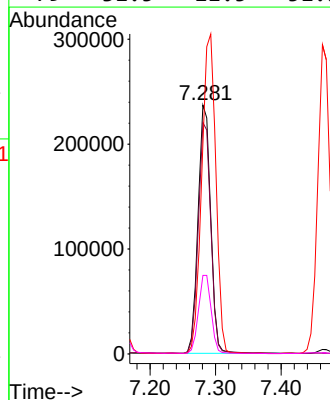
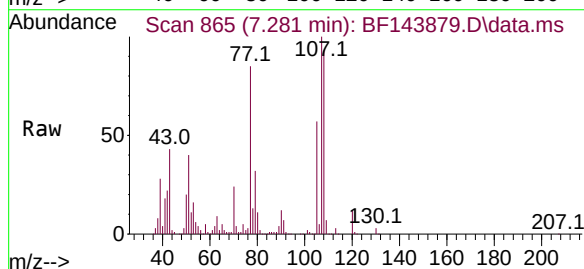
Ion Ratio Lower Upper

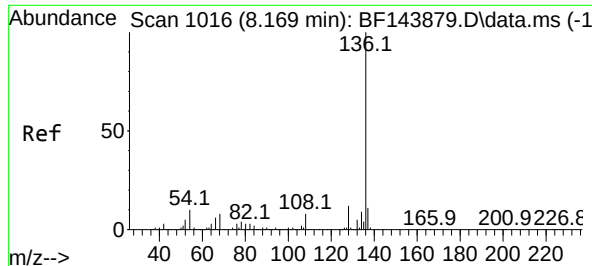
107 100

108 93.0 73.0 113.0

77 84.6 64.6 104.6

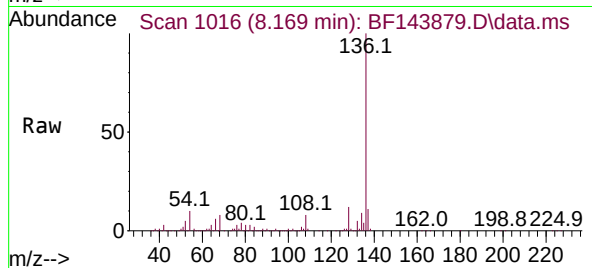
79 31.5 11.5 51.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

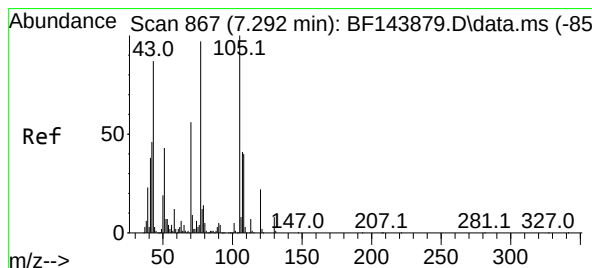
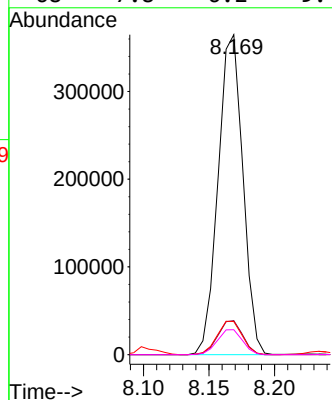
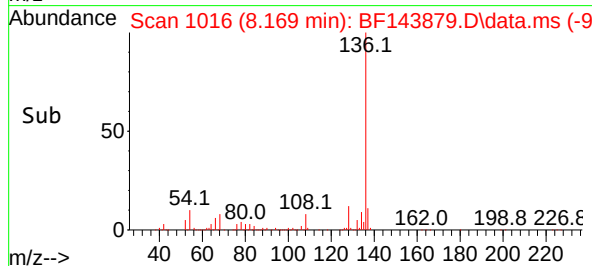
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:136 Resp: 479933  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.5 12.7  
54 10.3 8.2 12.4  
68 7.8 6.2 9.4

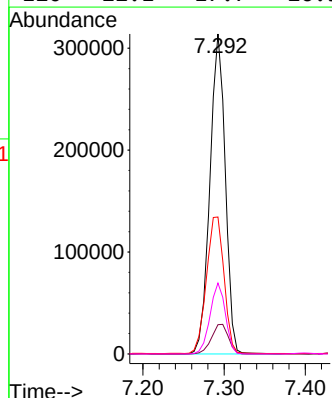
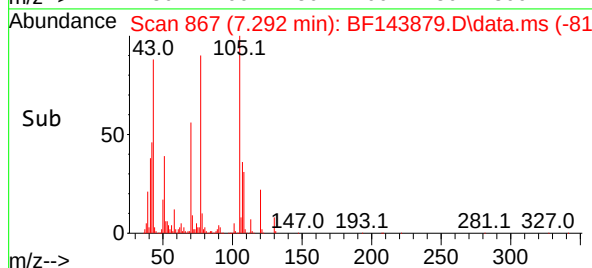
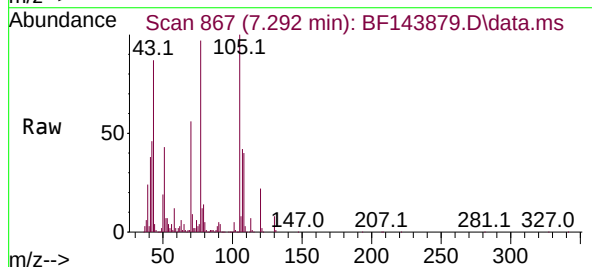
Manual Integrations  
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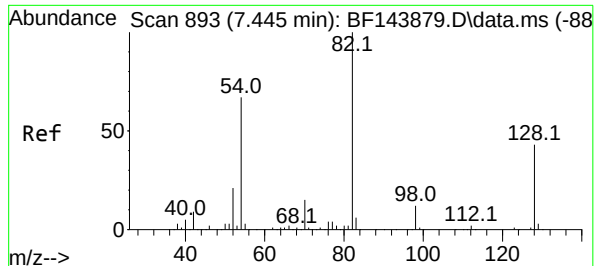
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#22  
Acetophenone  
Concen: 40.946 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:105 Resp: 415513  
Ion Ratio Lower Upper  
105 100  
71 9.2 7.4 11.0  
51 42.8 34.2 51.4  
120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 83.898 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 662754

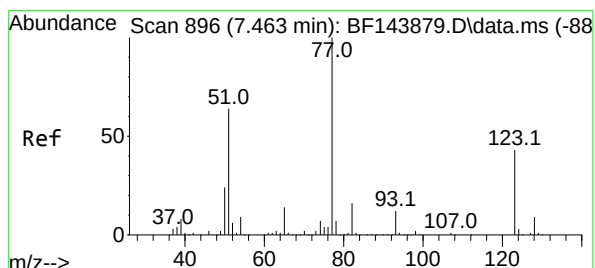
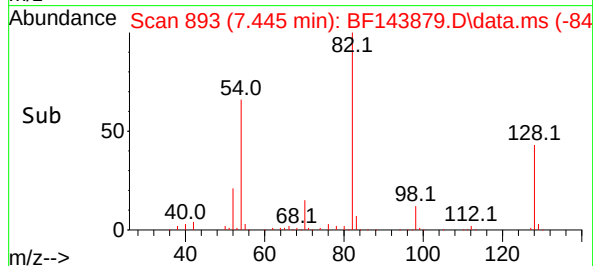
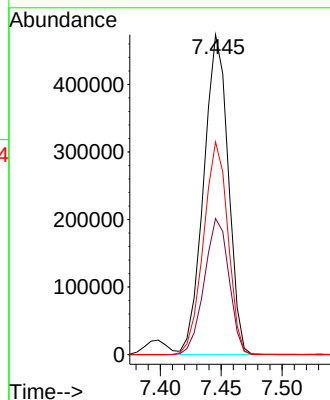
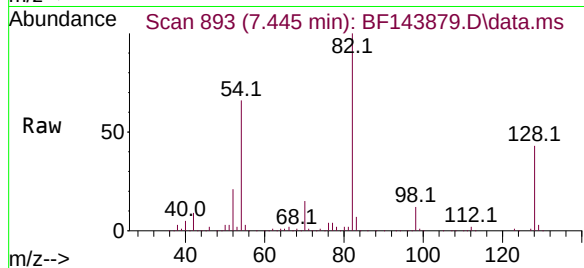
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.5  | 34.0  | 51.0  |
| 54  | 66.5  | 53.2  | 79.8  |

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Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 42.828 ng

RT: 7.463 min Scan# 896

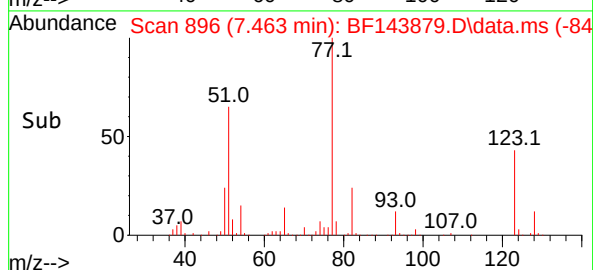
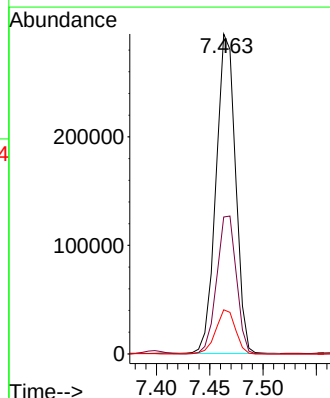
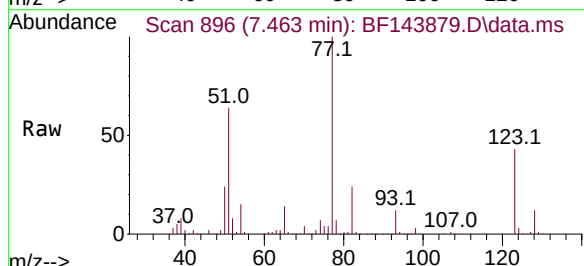
Delta R.T. -0.012 min

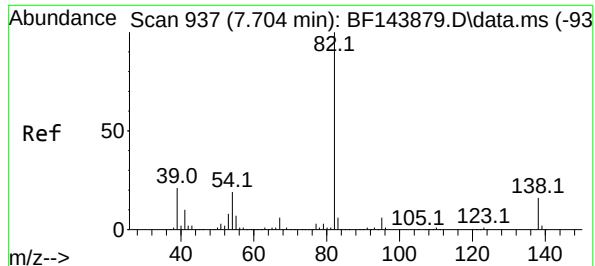
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion: 77 Resp: 375708

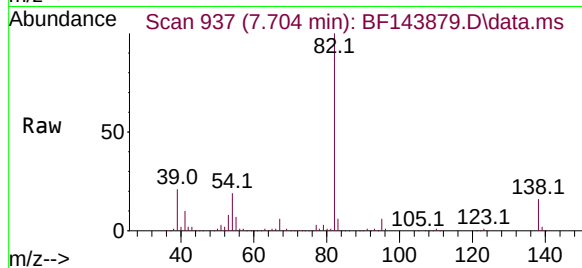
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.8  | 34.2  | 51.4  |
| 65  | 13.8  | 11.0  | 16.6  |





#25  
Isophorone  
Concen: 40.645 ng  
RT: 7.704 min Scan# 937  
Delta R.T. -0.018 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

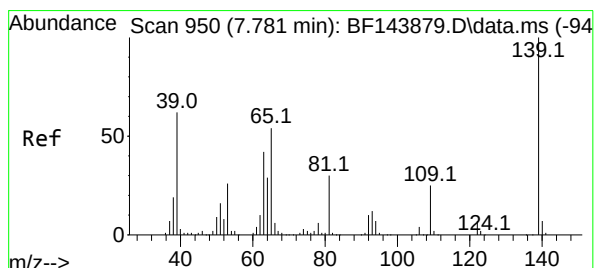
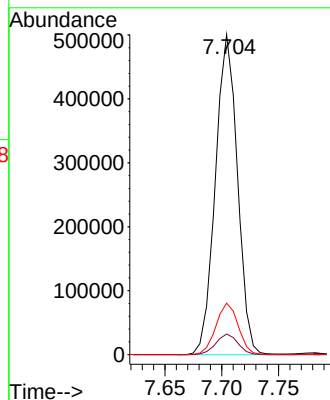
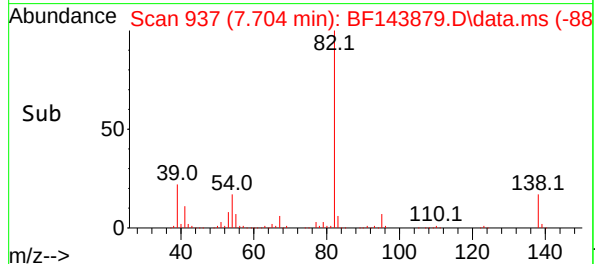
Instrument :  
BNA\_F  
Client SampleId :  
SSTDICCC040



Tgt Ion: 82 Resp: 67700  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.1 7.7  
138 16.1 12.9 19.3

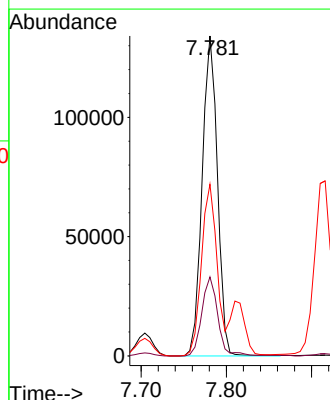
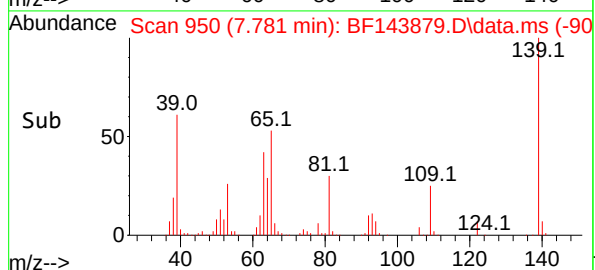
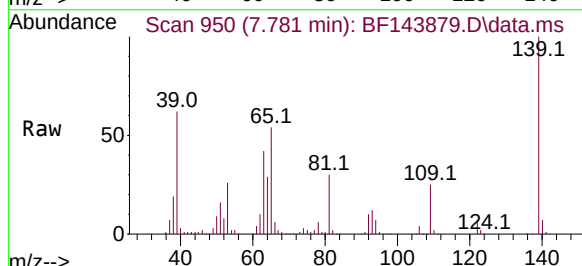
Manual Integrations  
APPROVED

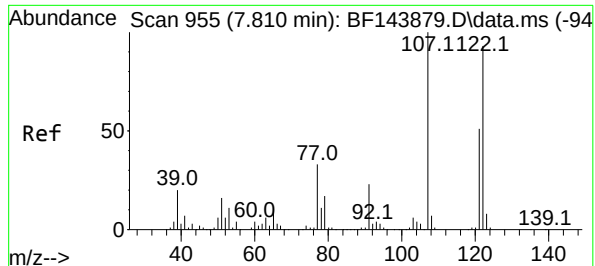
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 44.428 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:139 Resp: 167096  
Ion Ratio Lower Upper  
139 100  
109 24.7 19.8 29.6  
65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 41.818 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 282923

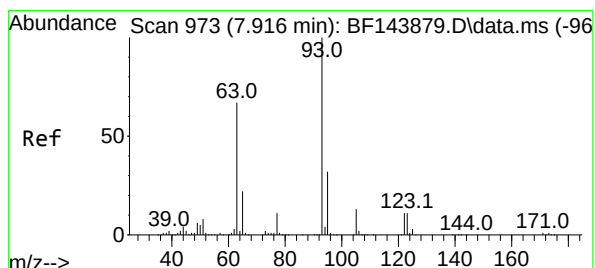
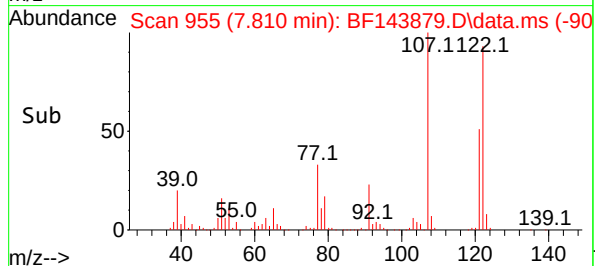
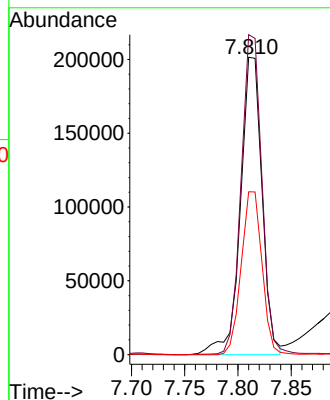
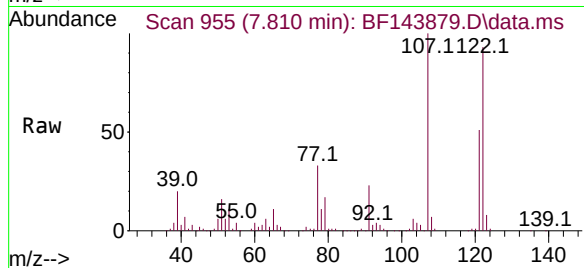
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 107.6 | 86.1  | 129.1 |
| 121 | 54.7  | 43.8  | 65.6  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.486 ng

RT: 7.916 min Scan# 973

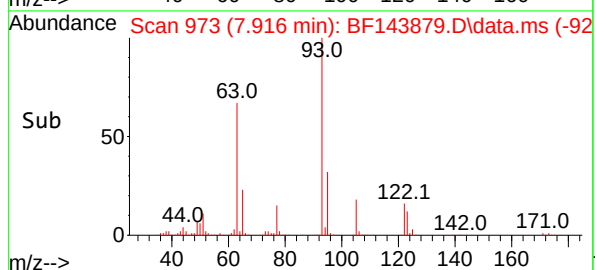
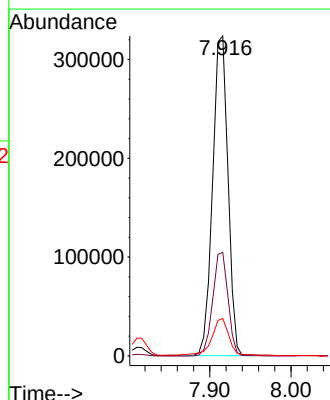
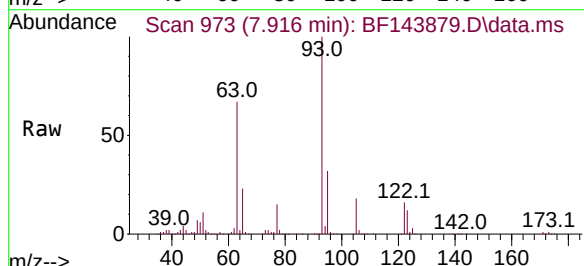
Delta R.T. -0.006 min

Lab File: BF143879.D

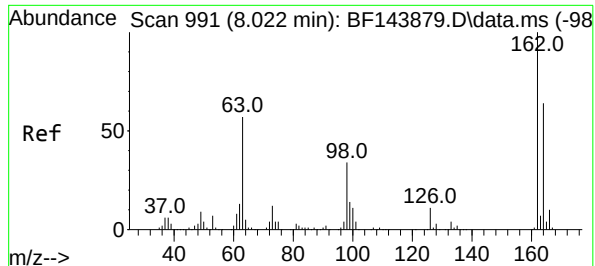
Acq: 06 Oct 2025 12:54

Tgt Ion: 93 Resp: 425986

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.4  | 25.9  | 38.9  |
| 123 | 11.7  | 9.4   | 14.0  |







#29

2,4-Dichlorophenol

Concen: 41.782 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

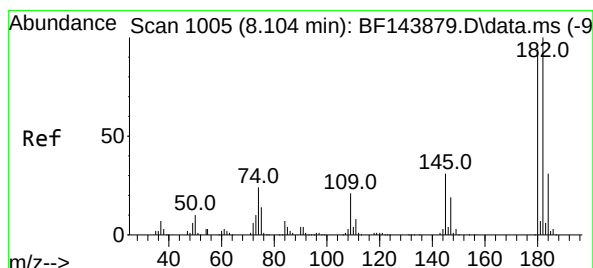
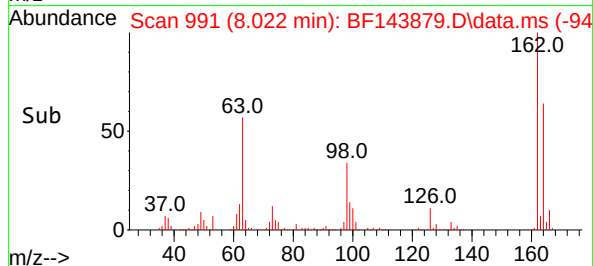
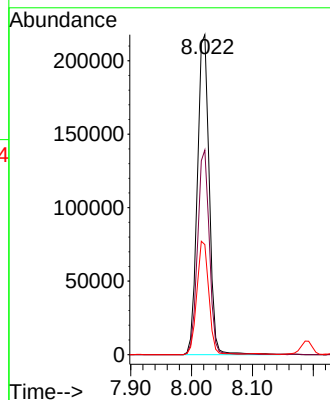
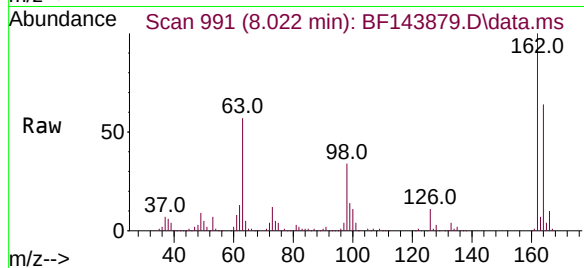
SSTDICCC040

Tgt Ion:162 Resp: 294452  
Ion Ratio Lower Upper  
162 100  
164 63.9 43.9 83.9  
98 34.4 14.4 54.4

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 41.312 ng

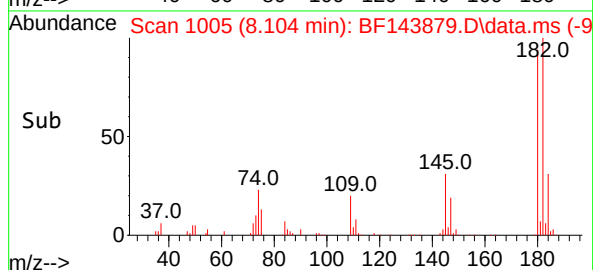
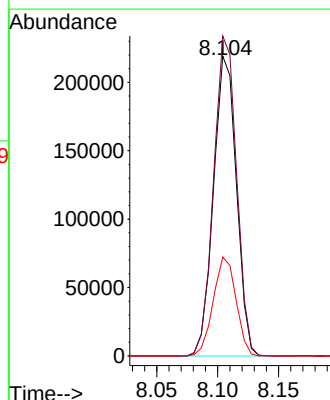
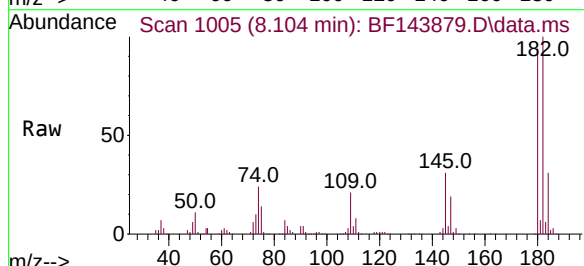
RT: 8.104 min Scan# 1005

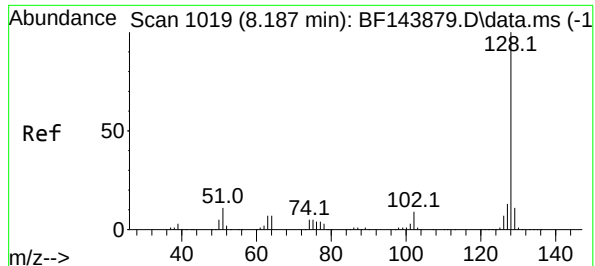
Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:180 Resp: 286330  
Ion Ratio Lower Upper  
180 100  
182 106.7 85.4 128.0  
145 32.9 26.3 39.5





#31

Naphthalene

Concen: 40.961 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:128 Resp: 894263

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

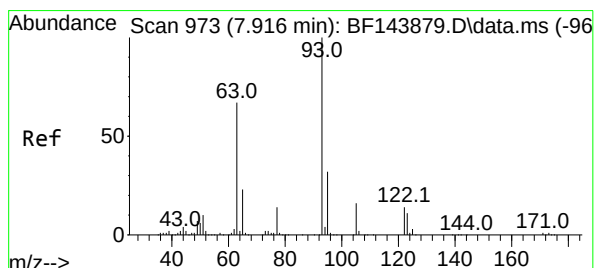
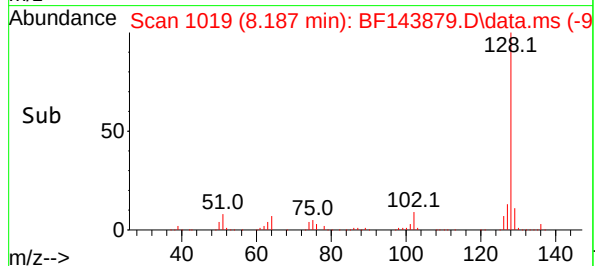
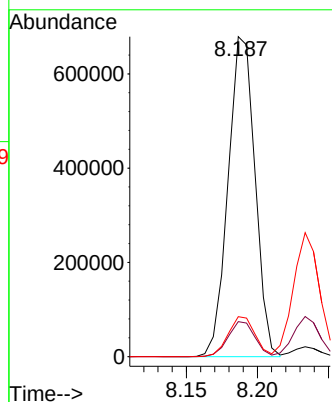
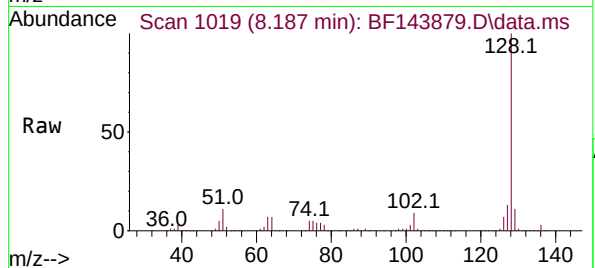
127 12.5 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 42.630 ng m

RT: 7.916 min Scan# 973

Delta R.T. -0.047 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

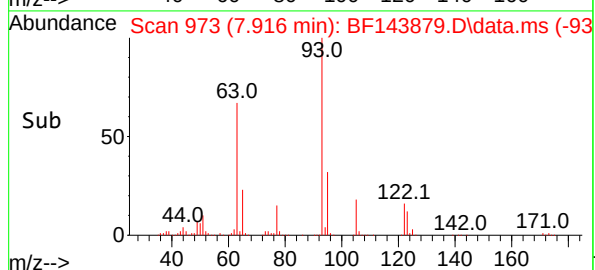
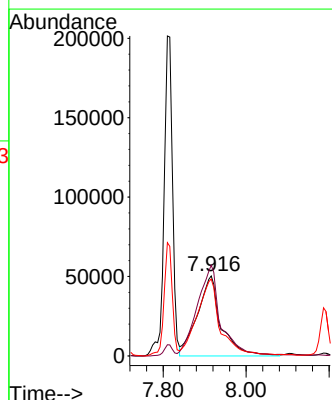
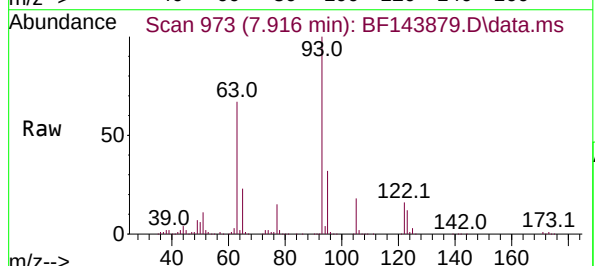
Tgt Ion:122 Resp: 199609

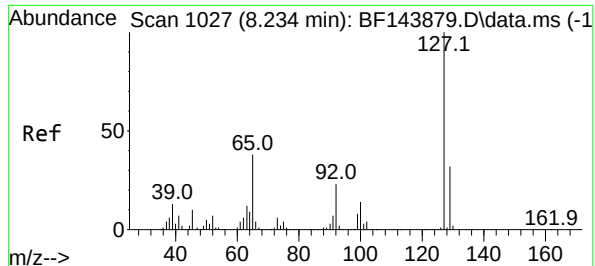
Ion Ratio Lower Upper

122 100

105 113.5 93.5 133.5

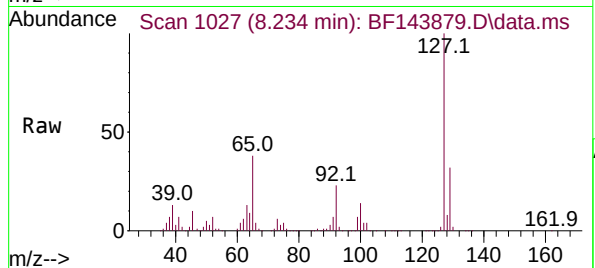
77 96.3 76.3 116.3





#33  
4-Chloroaniline  
Concen: 41.630 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

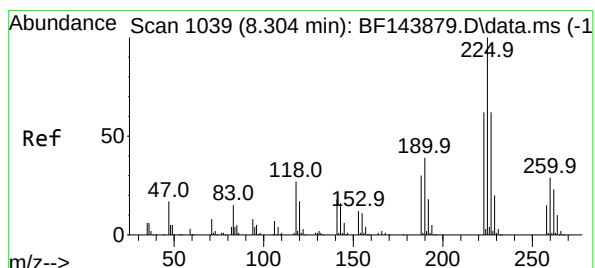
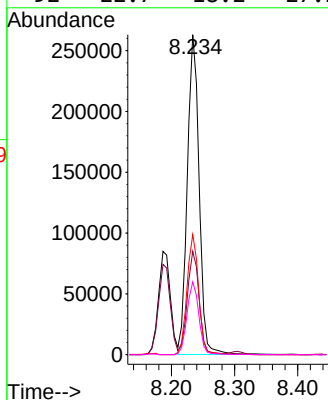
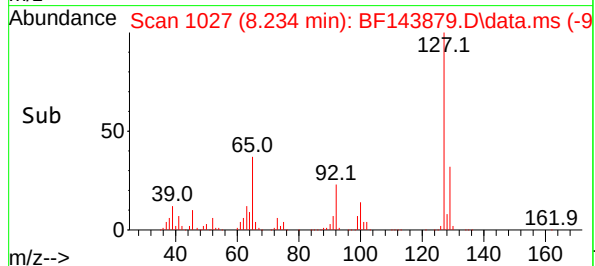
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:127 Resp: 340866  
Ion Ratio Lower Upper  
127 100  
129 32.3 25.8 38.8  
65 37.5 30.0 45.0  
92 22.7 18.2 27.2

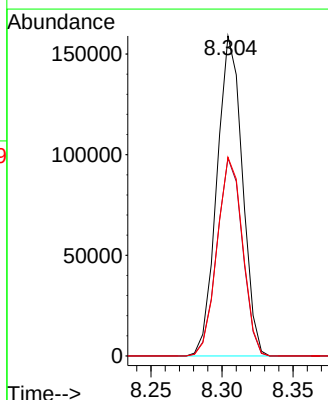
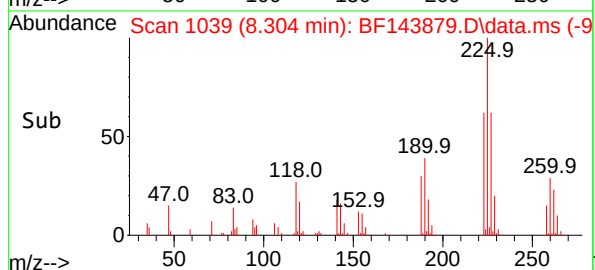
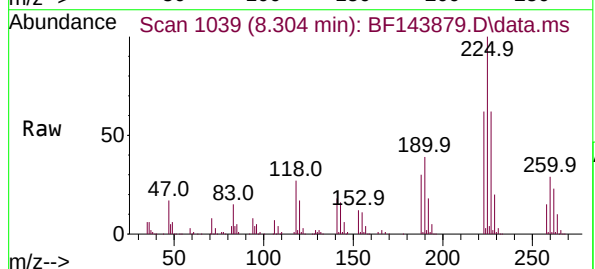
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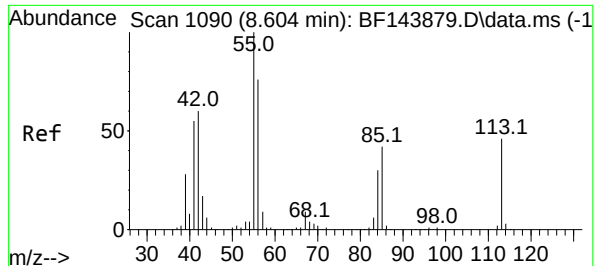
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#34  
Hexachlorobutadiene  
Concen: 41.170 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

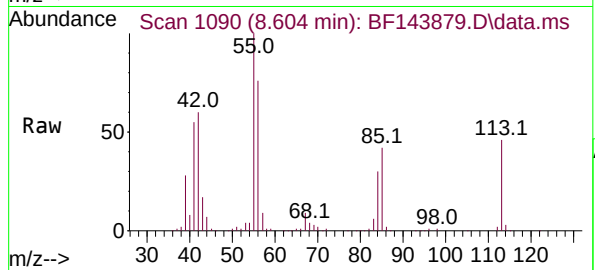
Tgt Ion:225 Resp: 198282  
Ion Ratio Lower Upper  
225 100  
223 61.8 49.4 74.2  
227 62.1 49.7 74.5





#35  
 Caprolactam  
 Concen: 40.816 ng  
 RT: 8.604 min Scan# 1090  
 Delta R.T. -0.041 min  
 Lab File: BF143879.D  
 Acq: 06 Oct 2025 12:54

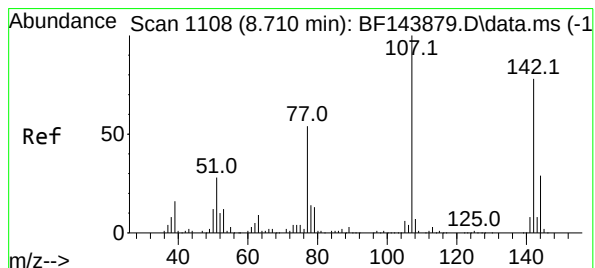
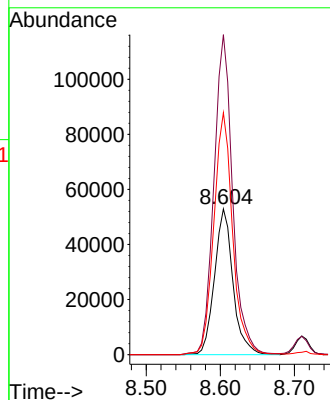
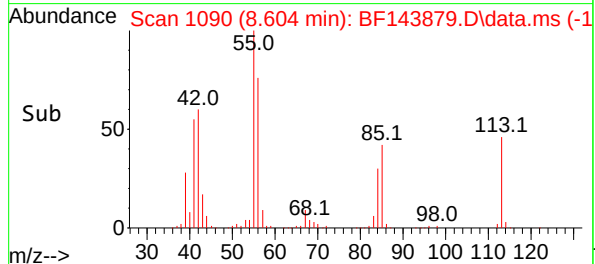
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040



Tgt Ion:113 Resp: 91458  
 Ion Ratio Lower Upper  
 113 100  
 55 219.6 199.6 239.6  
 56 166.0 146.0 186.0

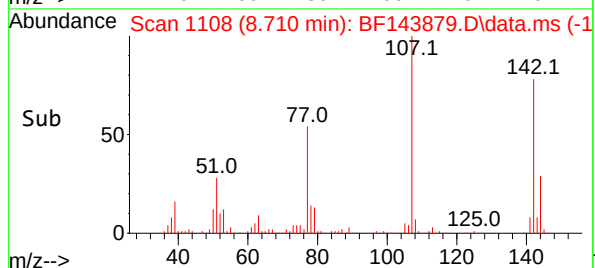
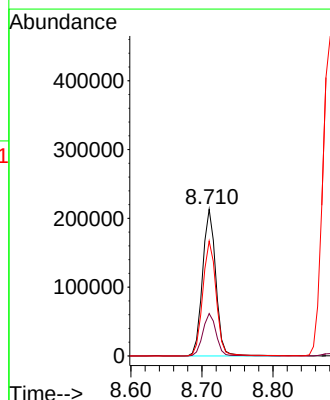
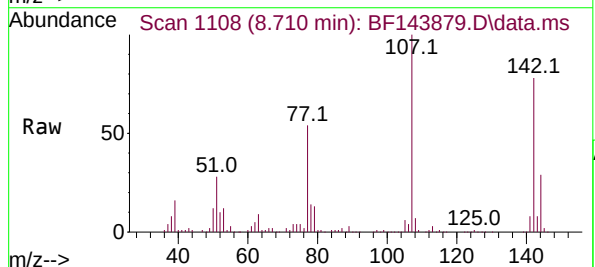
Manual Integrations  
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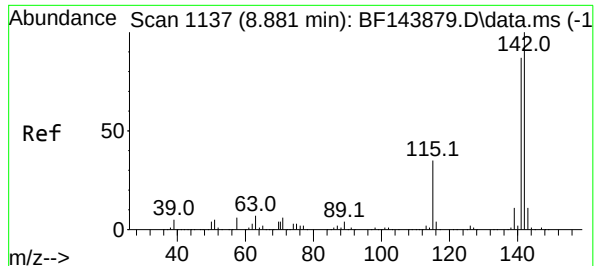
Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.758 ng  
 RT: 8.710 min Scan# 1108  
 Delta R.T. -0.012 min  
 Lab File: BF143879.D  
 Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 275908  
 Ion Ratio Lower Upper  
 107 100  
 144 28.9 23.1 34.7  
 142 78.3 62.6 94.0





#37

2-Methylnaphthalene

Concen: 40.669 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 591428

Ion Ratio Lower Upper

142 100

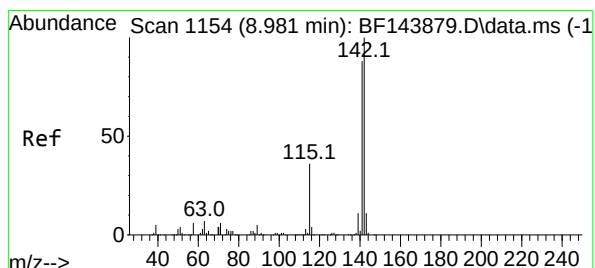
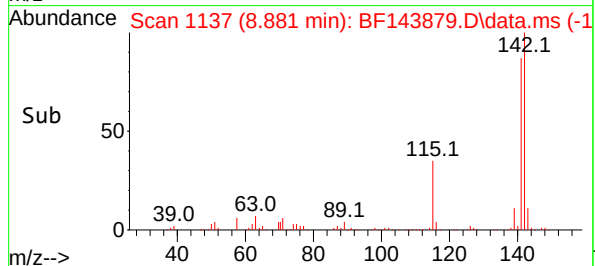
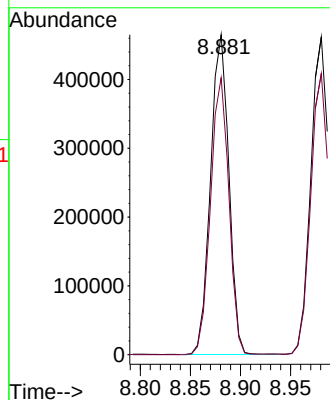
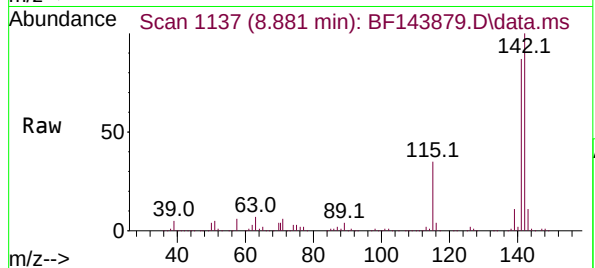
141 86.5 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 41.196 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143879.D

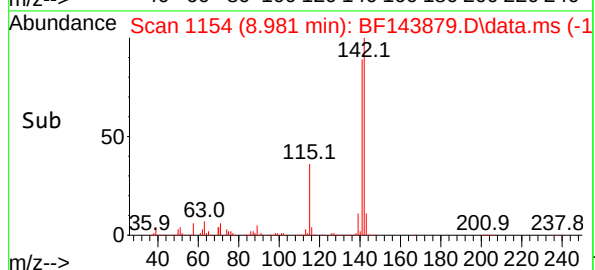
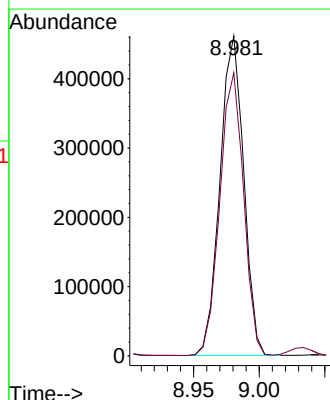
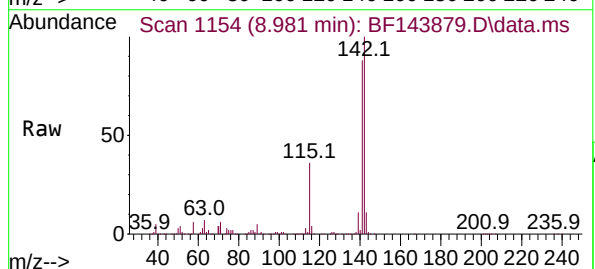
Acq: 06 Oct 2025 12:54

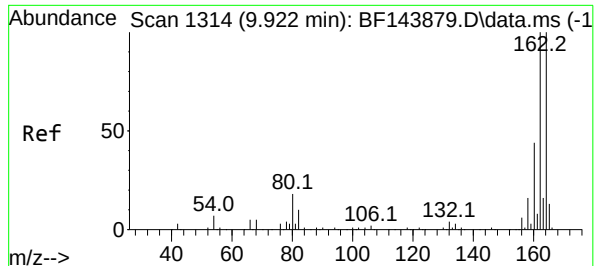
Tgt Ion:142 Resp: 581114

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 260024

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

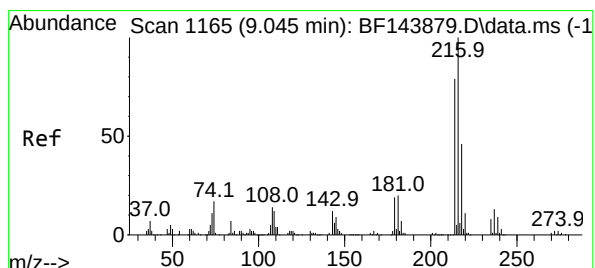
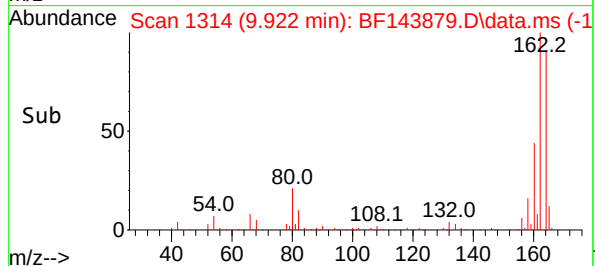
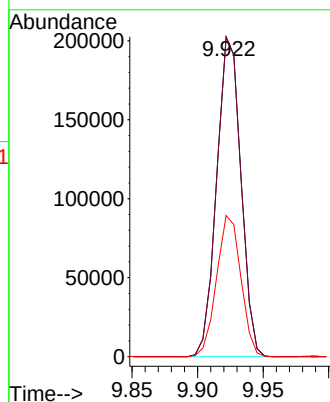
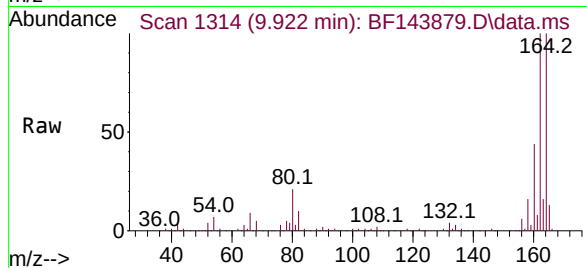
160 44.2 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.665 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:216 Resp: 306622

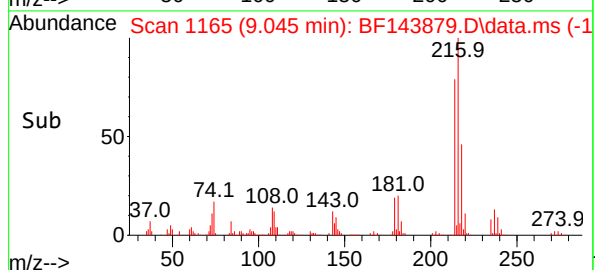
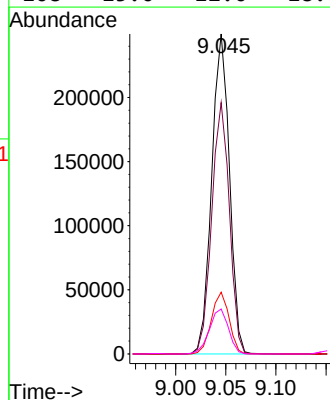
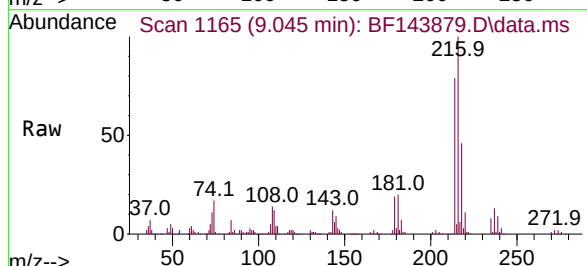
Ion Ratio Lower Upper

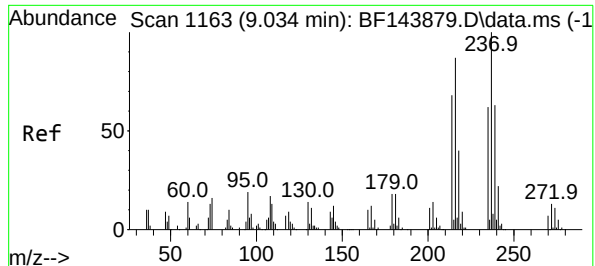
216 100

214 78.3 62.6 94.0

179 19.2 15.4 23.0

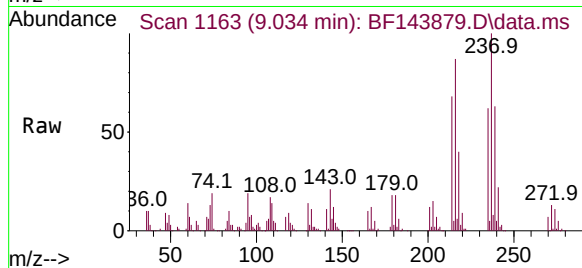
108 15.0 12.0 18.0





#41  
Hexachlorocyclopentadiene  
Concen: 44.842 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

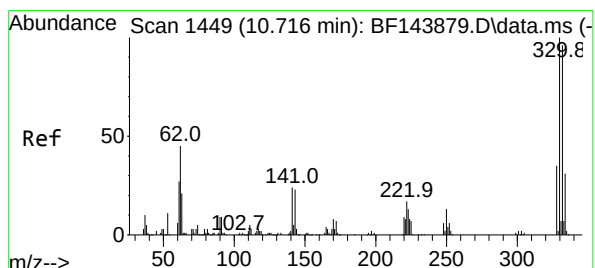
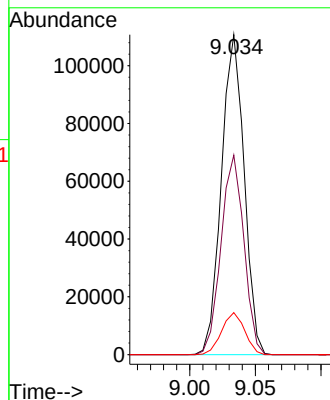
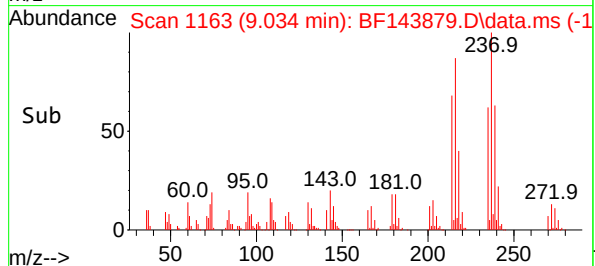
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



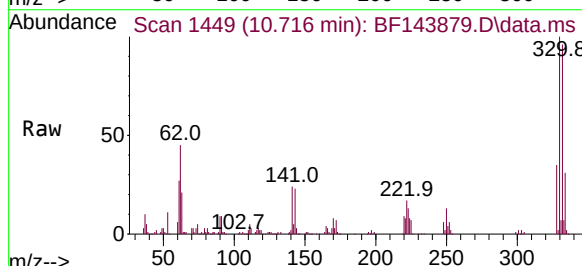
Tgt Ion: 237 Resp: 133694  
Ion Ratio Lower Upper  
237 100  
235 62.3 42.3 82.3  
272 13.1 0.0 33.1

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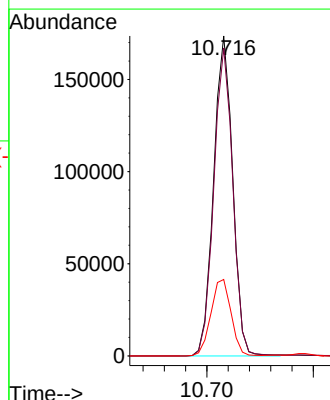
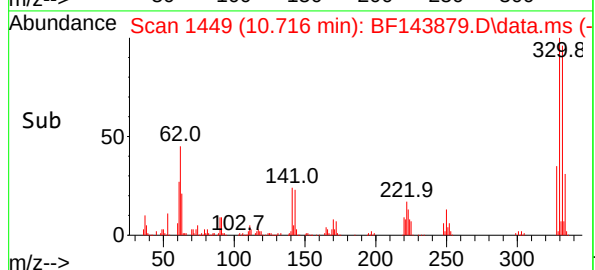
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

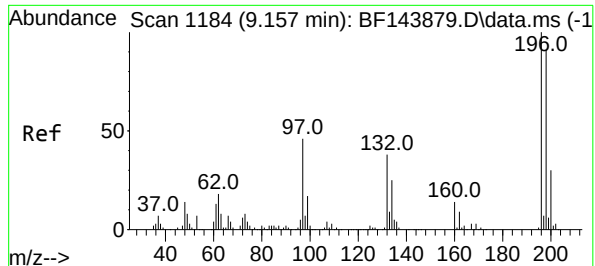


#42  
2,4,6-Tribromophenol  
Concen: 83.200 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54



Tgt Ion: 330 Resp: 215478  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.9 115.3  
141 25.3 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 44.081 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 231469

Ion Ratio Lower Upper

196 100

198 91.0 72.8 109.2

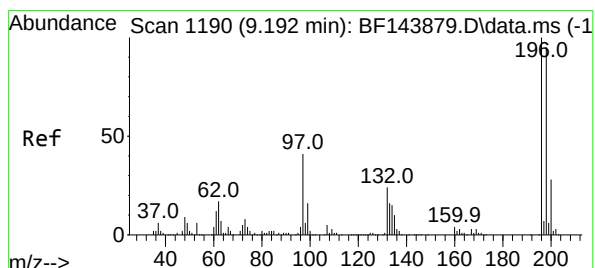
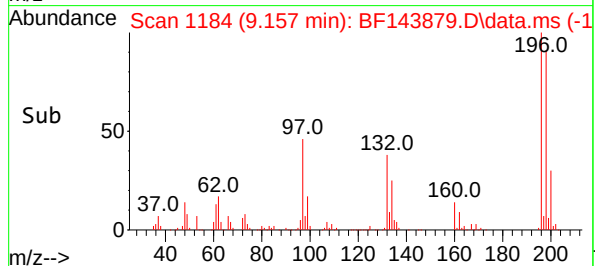
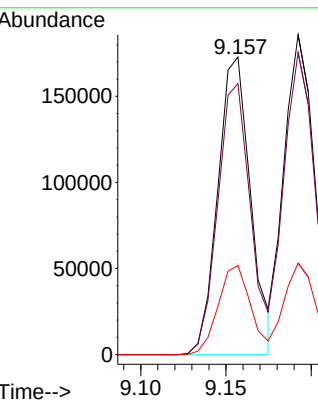
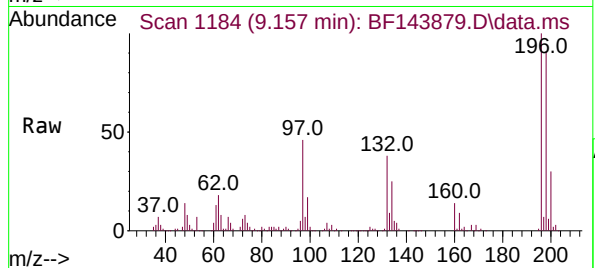
200 30.0 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

Concen: 42.739 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:196 Resp: 237161

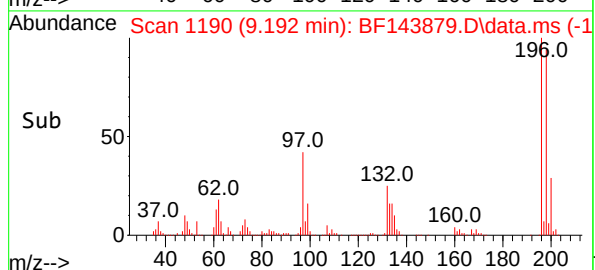
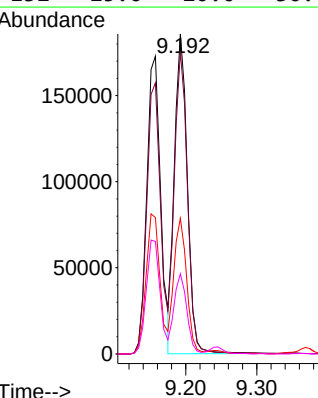
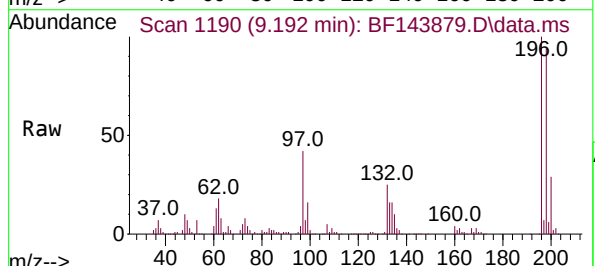
Ion Ratio Lower Upper

196 100

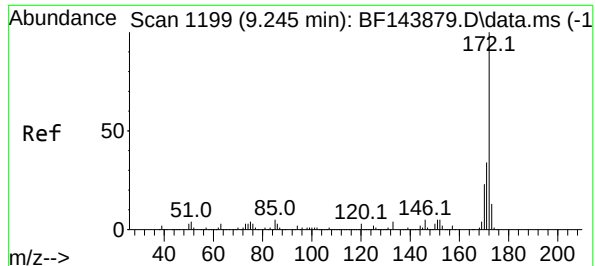
198 94.4 75.5 113.3

97 42.4 33.9 50.9

132 25.0 20.0 30.0







#45

2-Fluorobiphenyl

Concen: 77.695 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1273210

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

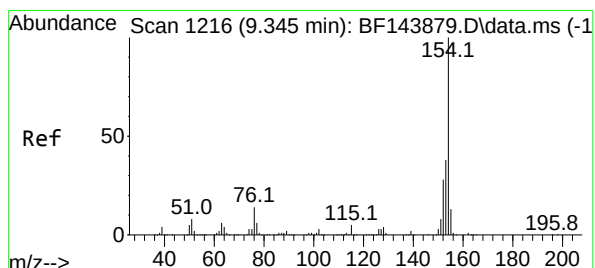
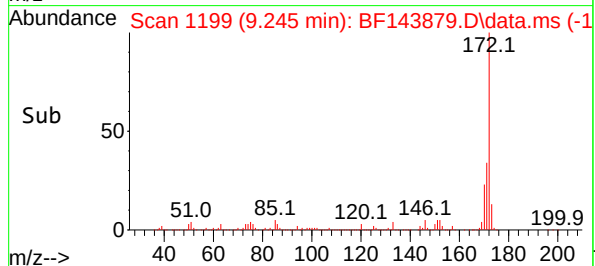
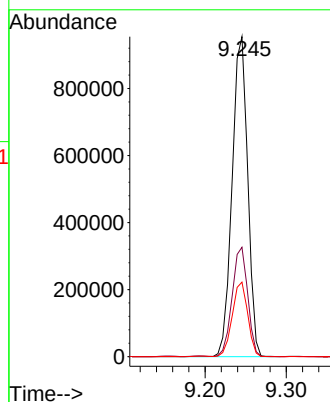
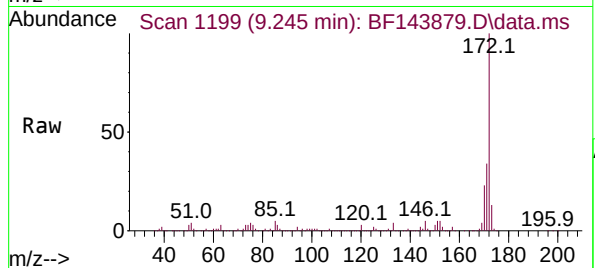
170 23.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 41.490 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

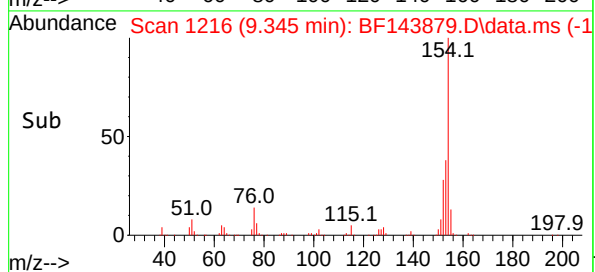
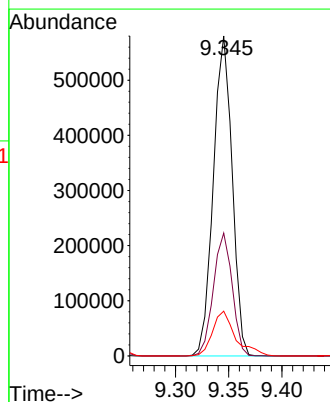
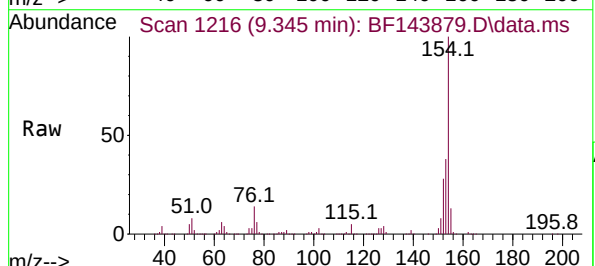
Tgt Ion:154 Resp: 714293

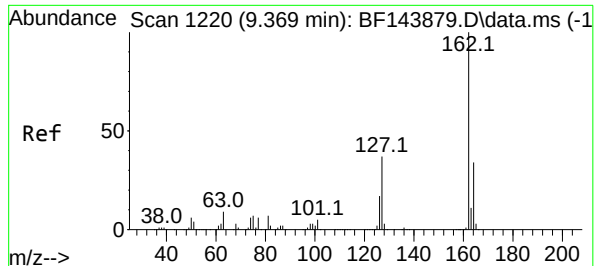
Ion Ratio Lower Upper

154 100

153 38.4 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.204 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 591442

Ion Ratio Lower Upper

162 100

127 37.7 30.2 45.2

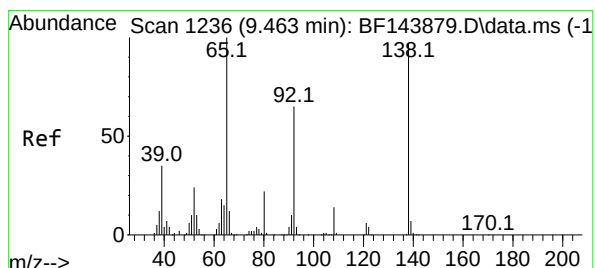
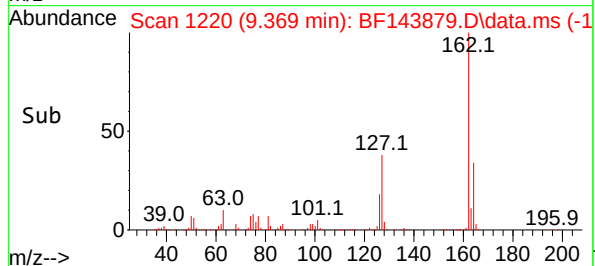
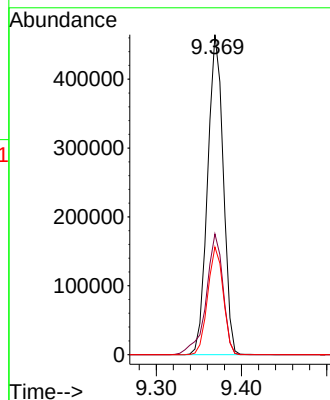
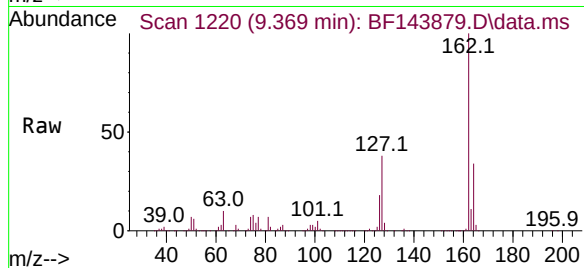
164 33.6 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 44.894 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

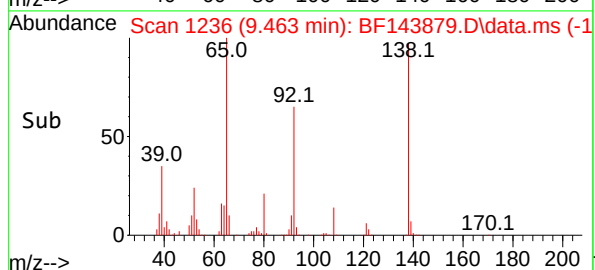
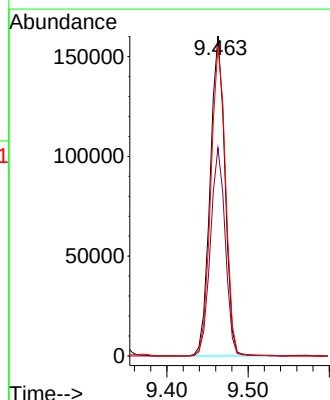
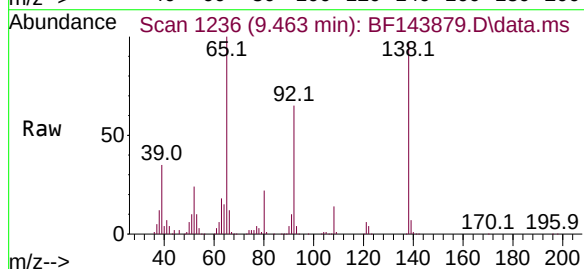
Tgt Ion: 65 Resp: 203733

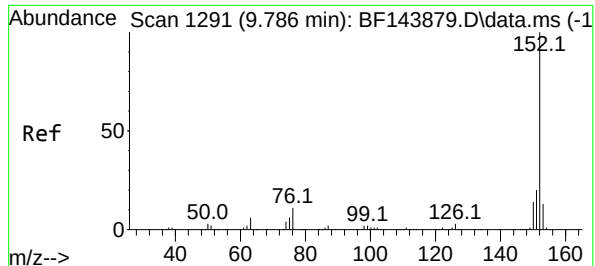
Ion Ratio Lower Upper

65 100

92 65.1 52.1 78.1

138 96.8 77.4 116.2





#49

Acenaphthylene

Concen: 41.828 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143879.D

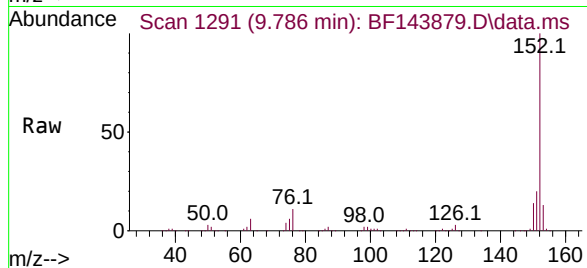
Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 844062

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

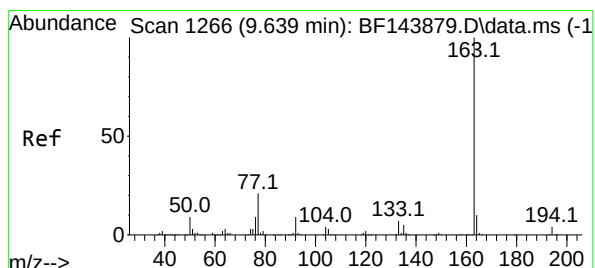
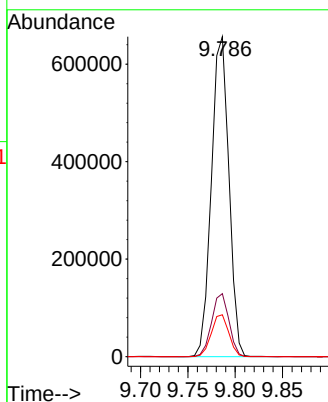
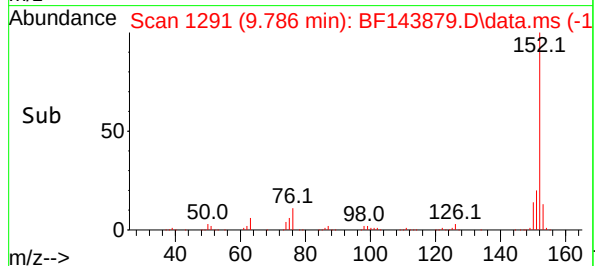
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

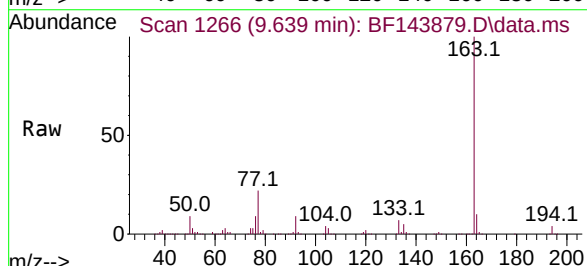
Concen: 40.653 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



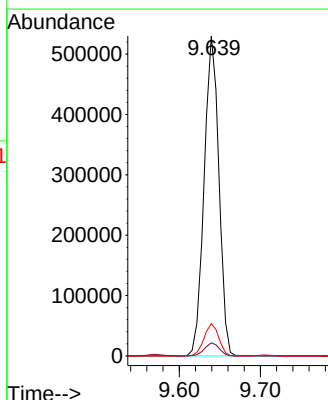
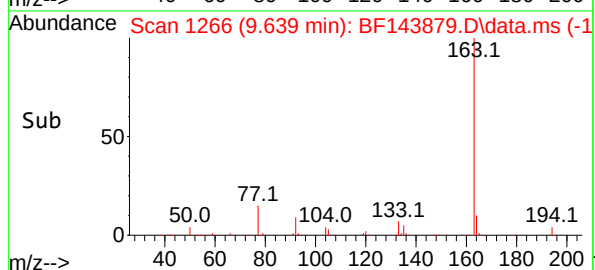
Tgt Ion:163 Resp: 671290

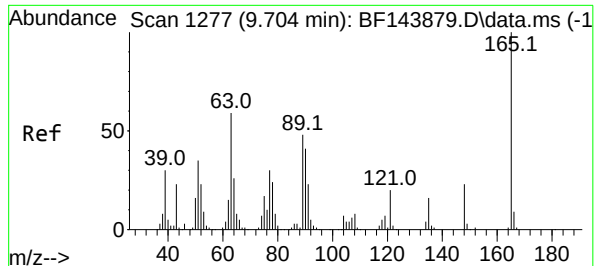
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

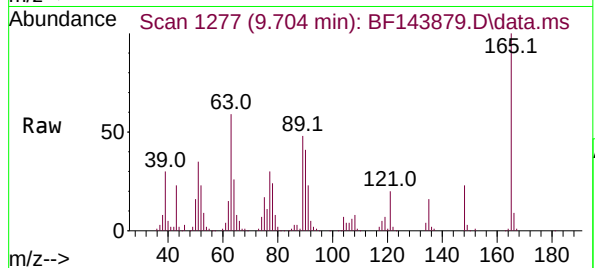
164 10.1 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 44.481 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

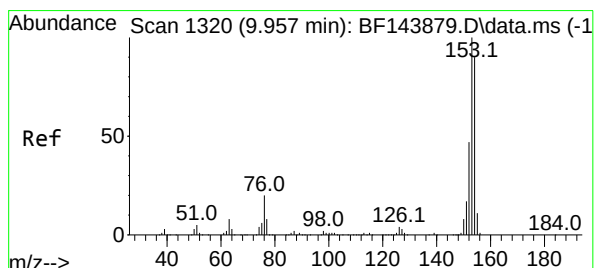
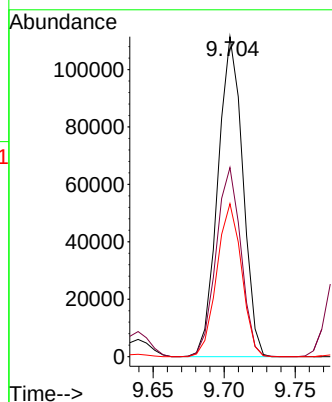
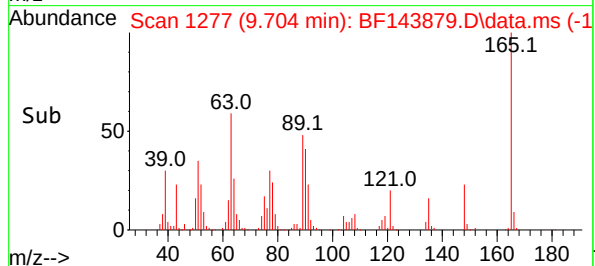
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:165 Resp: 136198  
Ion Ratio Lower Upper  
165 100  
63 59.1 47.3 70.9  
89 47.8 38.2 57.4

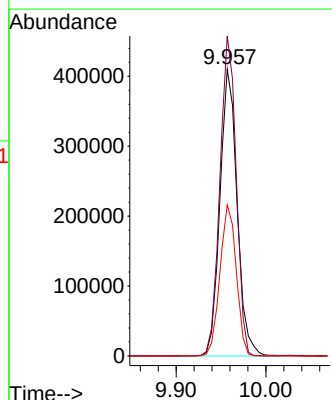
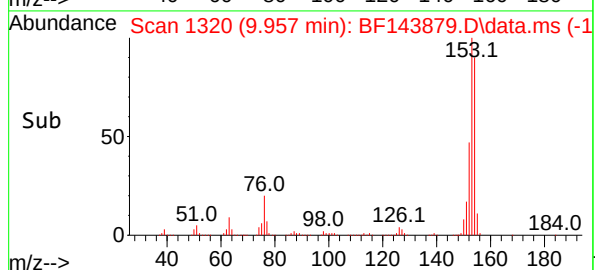
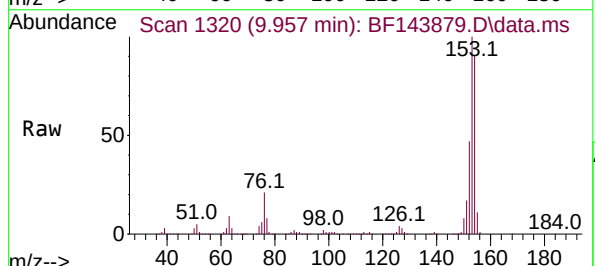
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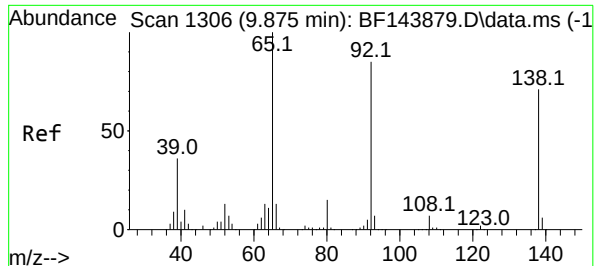
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 41.390 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

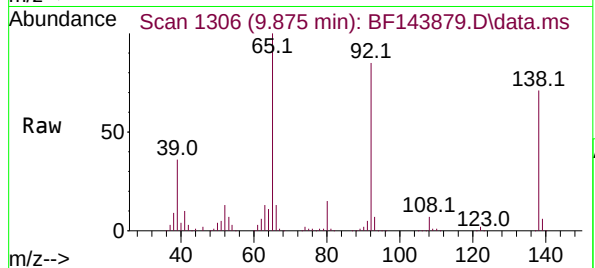
Tgt Ion:154 Resp: 547286  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.3 133.9  
152 52.7 42.2 63.2





#53  
3-Nitroaniline  
Concen: 42.507 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

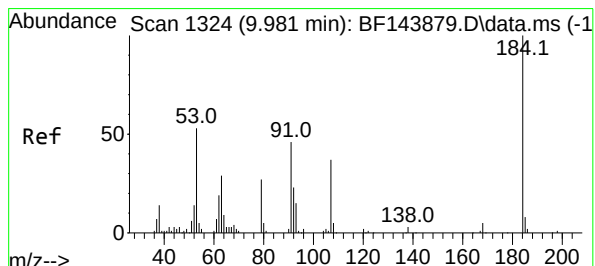
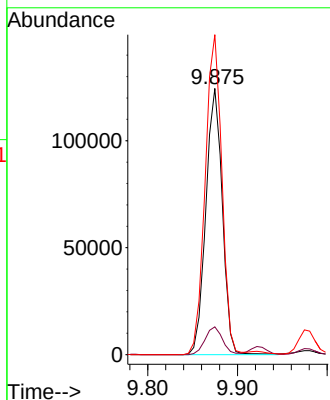
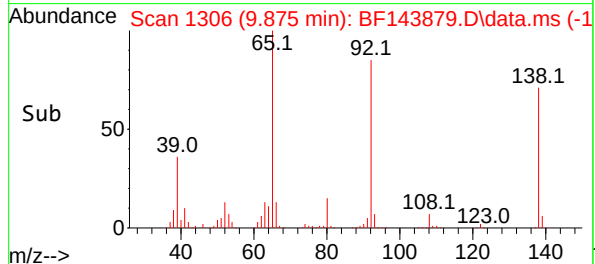
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:138 Resp: 159366  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.3 12.5  
92 120.2 96.2 144.2

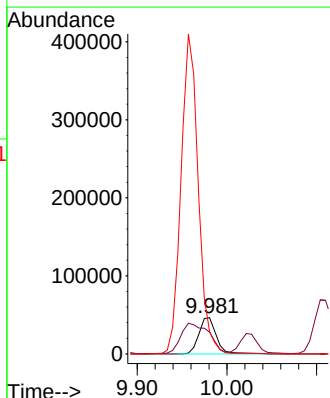
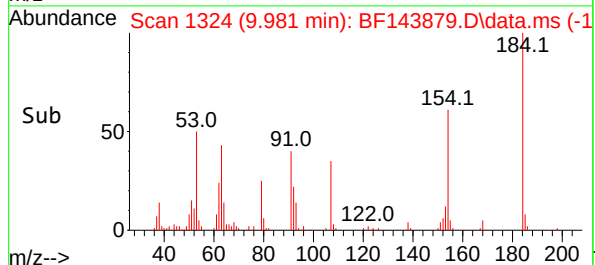
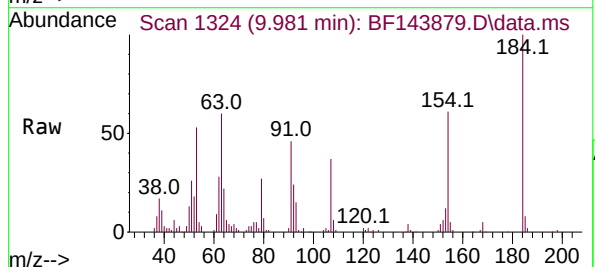
Manual Integrations  
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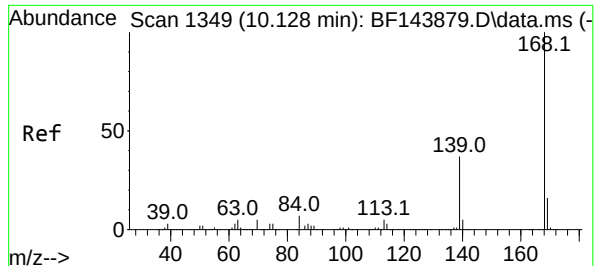
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#54  
2,4-Dinitrophenol  
Concen: 37.010 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:184 Resp: 62187  
Ion Ratio Lower Upper  
184 100  
63 60.3 48.2 72.4  
154 61.5 49.2 73.8





#55

Dibenzenofuran

Concen: 41.625 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143879.D

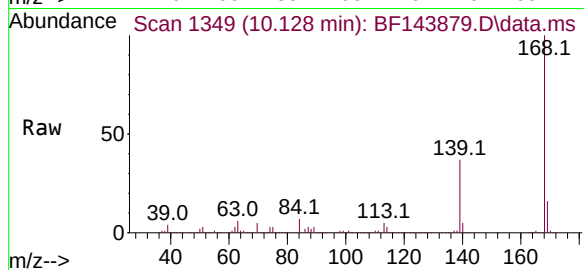
Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



Tgt Ion:168 Resp: 776950

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

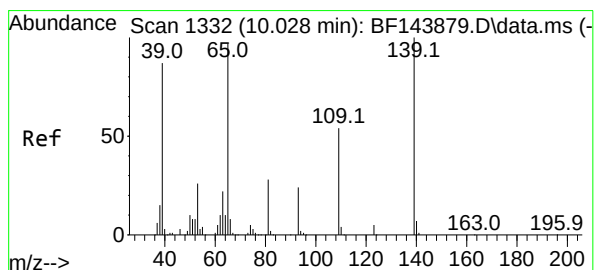
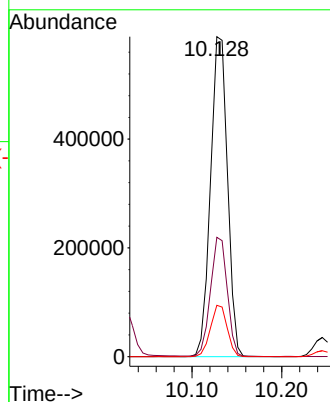
169 16.0 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 42.807 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

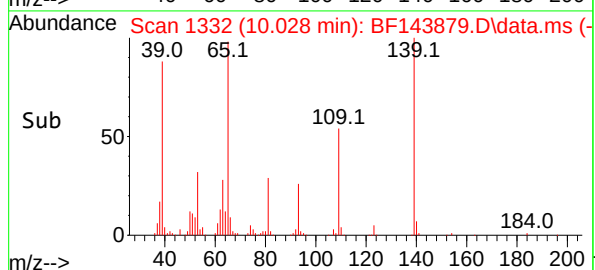
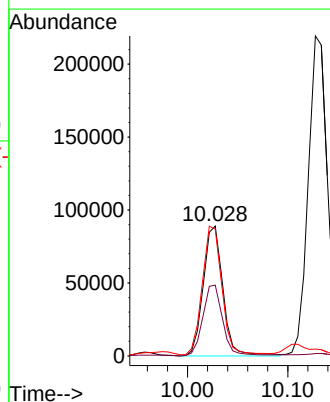
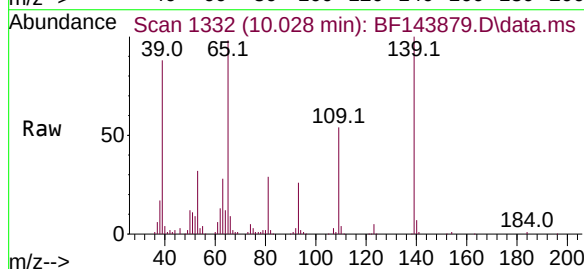
Tgt Ion:139 Resp: 121519

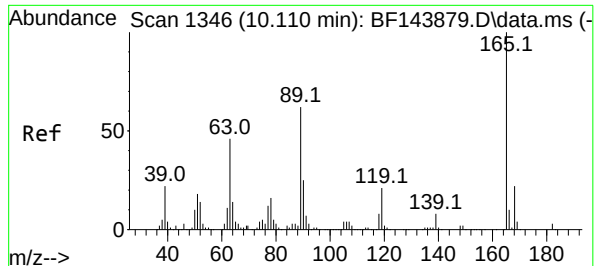
Ion Ratio Lower Upper

139 100

109 54.5 34.5 74.5

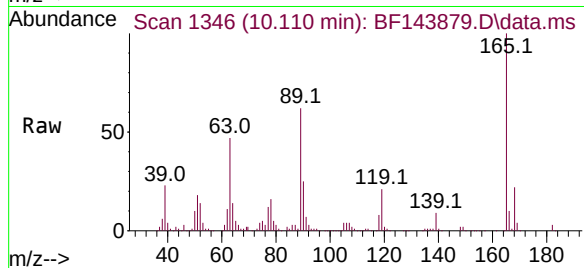
65 97.6 77.6 117.6





#57  
2,4-Dinitrotoluene  
Concen: 45.597 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

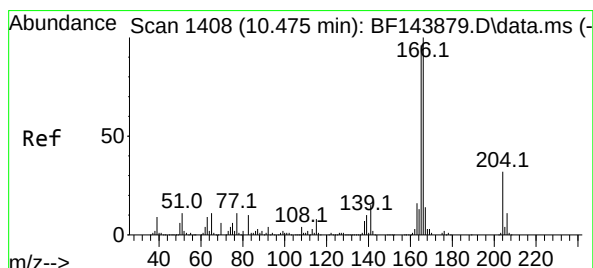
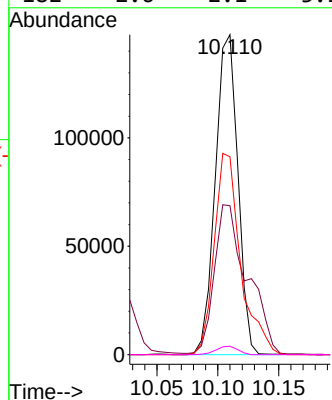
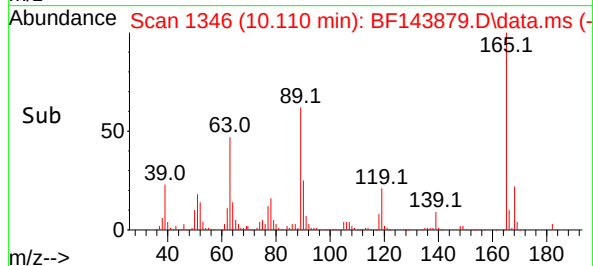
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:165 Resp: 189965  
Ion Ratio Lower Upper  
165 100  
63 46.5 37.2 55.8  
89 61.8 49.4 74.2  
182 2.6 2.1 3.1

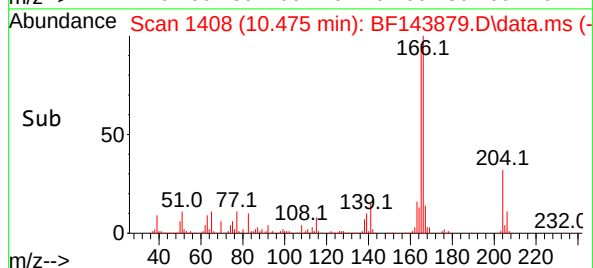
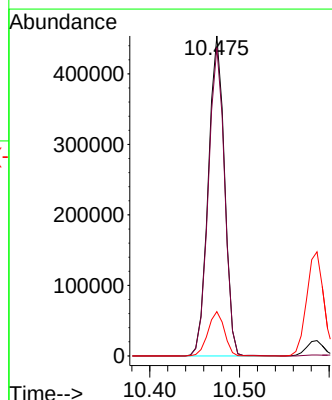
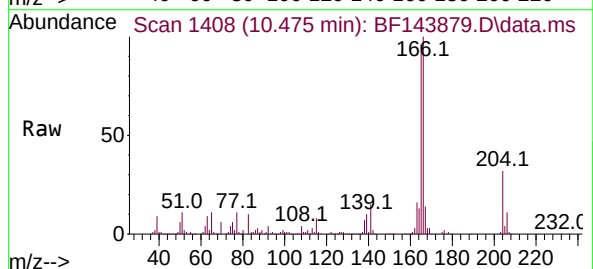
Manual Integrations  
APPROVED

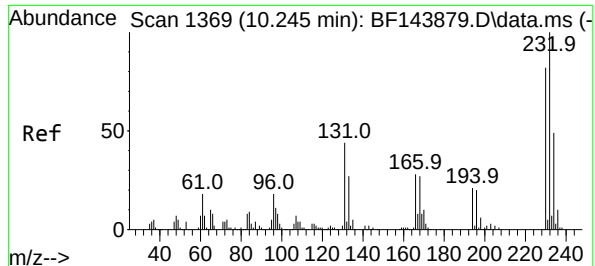
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#58  
Fluorene  
Concen: 40.506 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

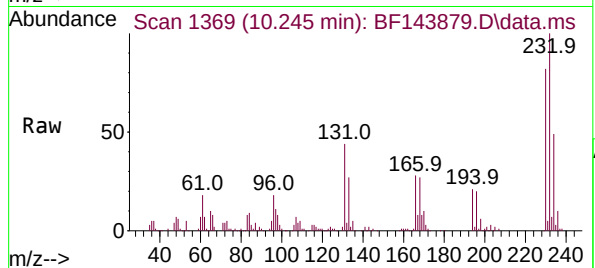
Tgt Ion:166 Resp: 570508  
Ion Ratio Lower Upper  
166 100  
165 96.3 77.0 115.6  
167 13.9 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.006 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

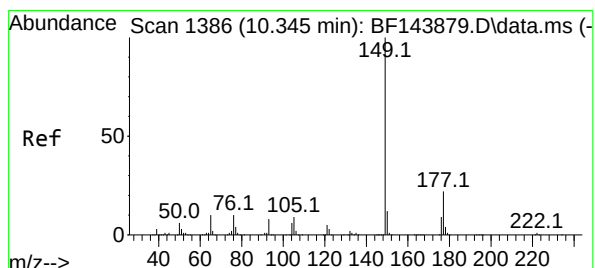
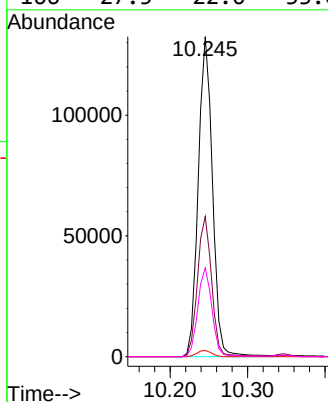
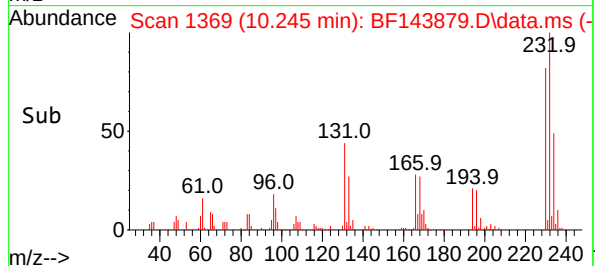
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:232 Resp: 168932  
Ion Ratio Lower Upper  
232 100  
131 43.6 34.9 52.3  
130 2.0 1.6 2.4  
166 27.5 22.0 33.0

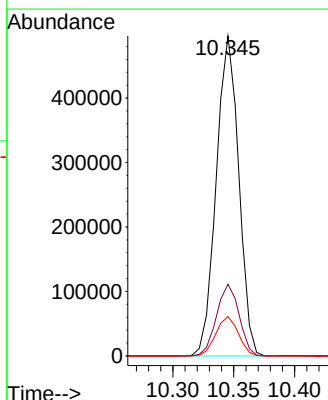
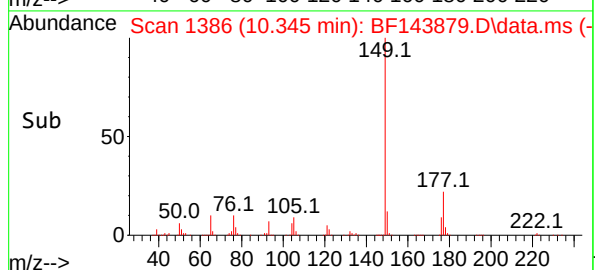
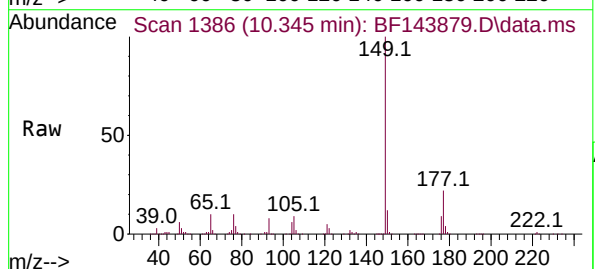
Manual Integrations  
APPROVED

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

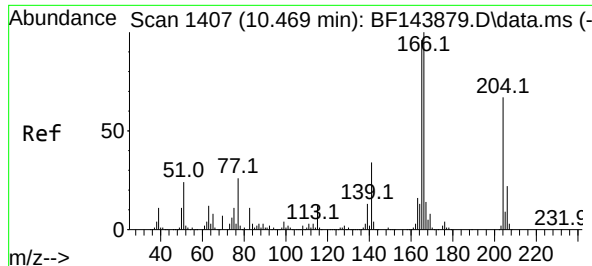


#60  
Diethylphthalate  
Concen: 41.422 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:149 Resp: 635433  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.9 26.9  
150 12.3 9.8 14.8

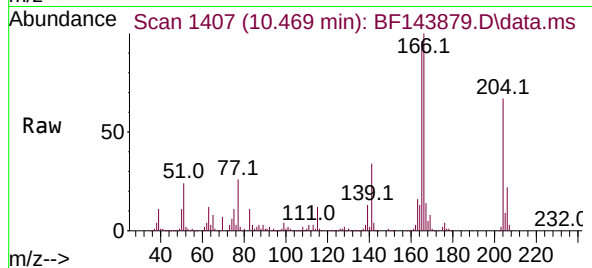






#61  
4-Chlorophenyl-phenylether  
Concen: 41.632 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

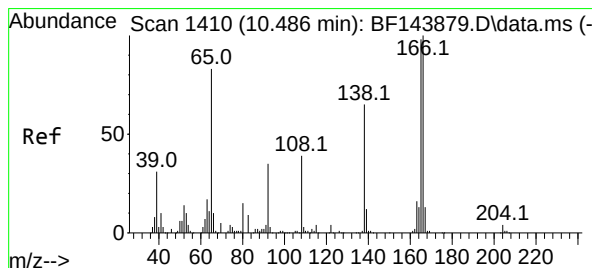
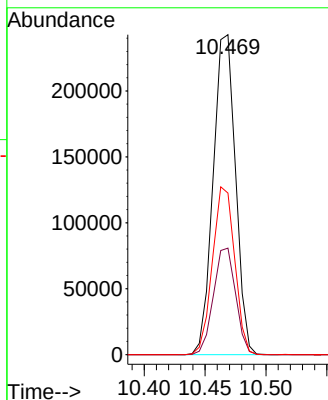
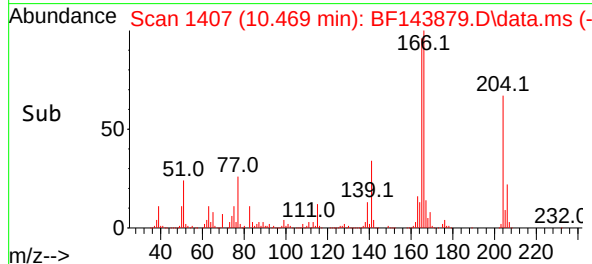
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



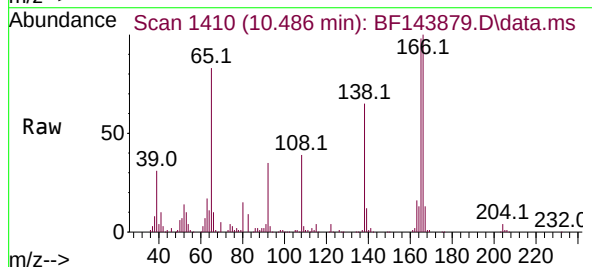
Tgt Ion:204 Resp: 310008  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.6 40.0  
141 50.5 40.4 60.6

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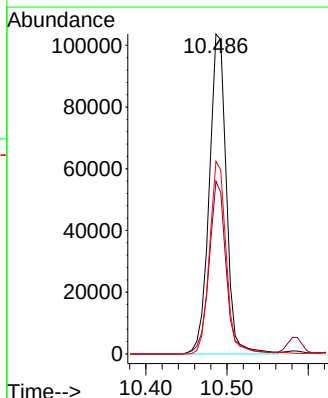
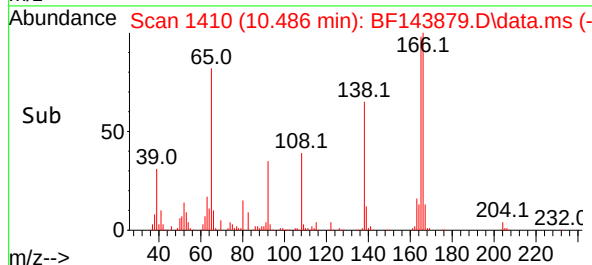
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

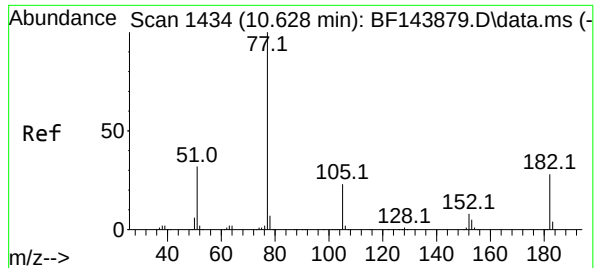


#62  
4-Nitroaniline  
Concen: 42.123 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54



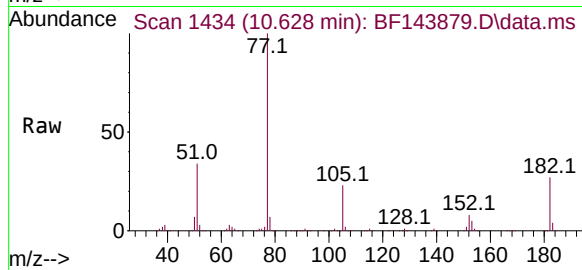
Tgt Ion:138 Resp: 151866  
Ion Ratio Lower Upper  
138 100  
92 53.9 33.9 73.9  
108 60.2 40.2 80.2





#63  
Azobenzene  
Concen: 41.521 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

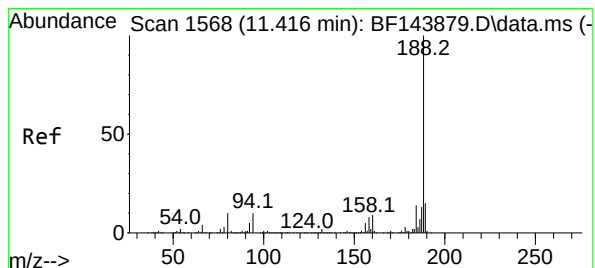
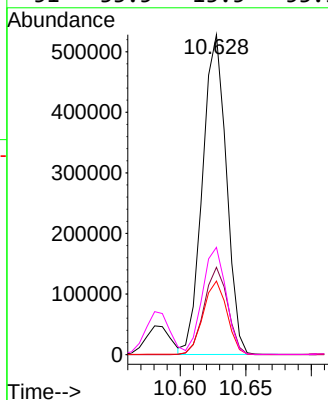
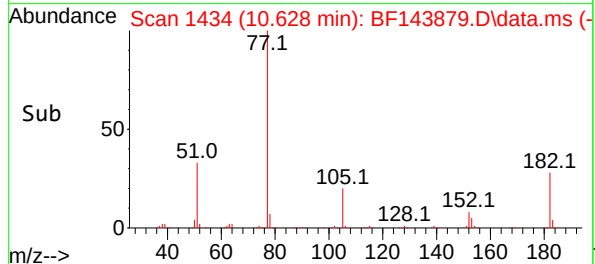
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 77 Resp: 665698  
Ion Ratio Lower Upper  
77 100  
182 27.3 7.3 47.3  
105 23.0 3.0 43.0  
51 33.5 13.5 53.5

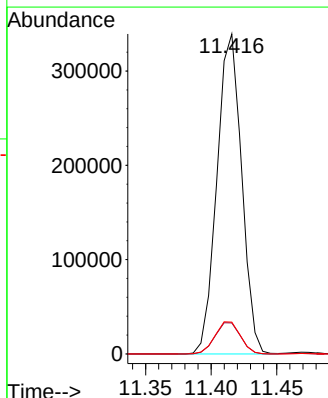
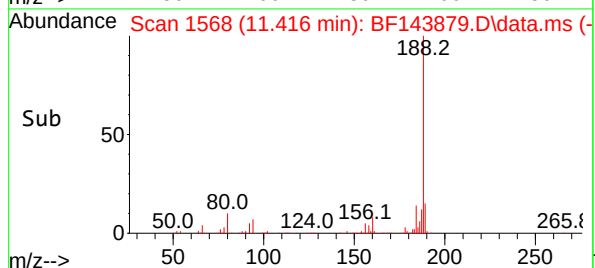
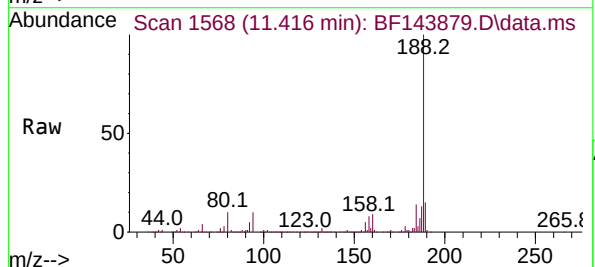
Manual Integrations  
APPROVED

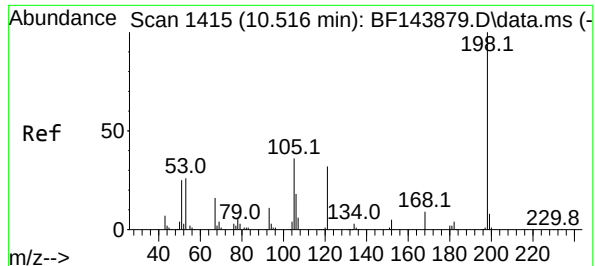
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:188 Resp: 444949  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.8 11.6  
80 9.9 7.9 11.9





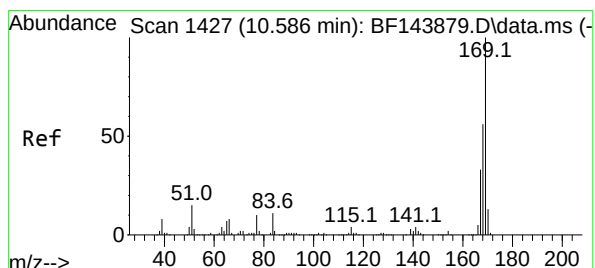
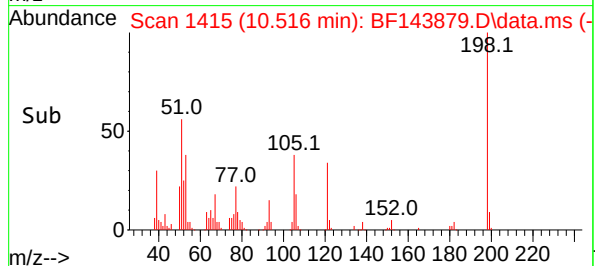
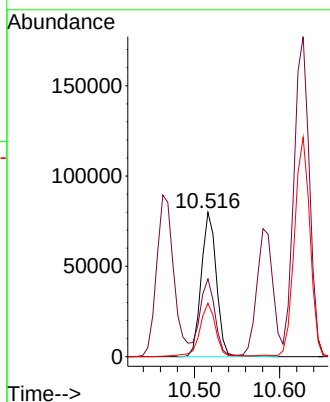
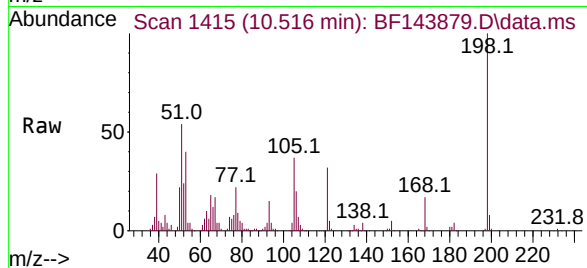
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.075 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:198 Resp: 98551  
Ion Ratio Lower Upper  
198 100  
51 53.8 33.8 73.8  
105 37.0 17.0 57.0

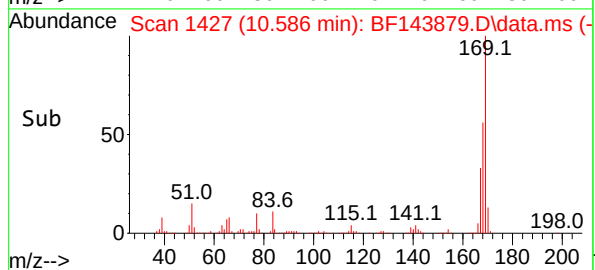
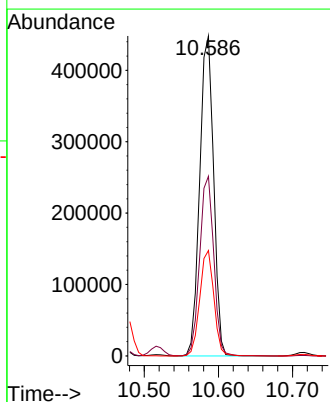
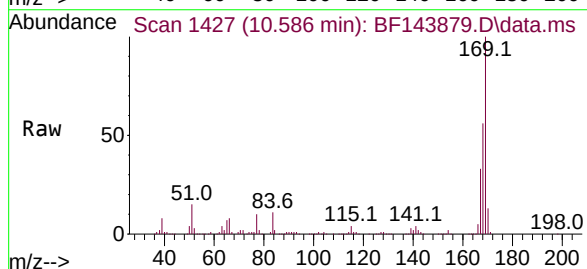
Manual Integrations  
APPROVED

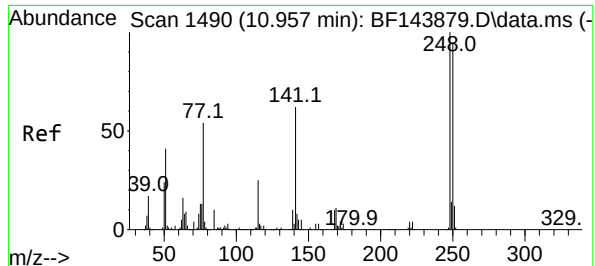
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 41.773 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

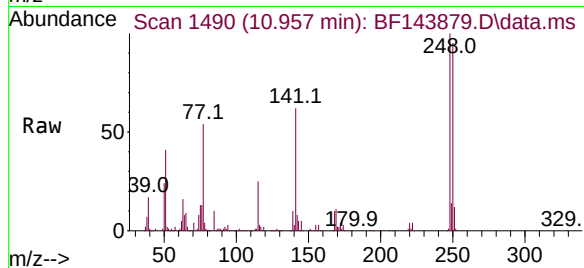
Tgt Ion:169 Resp: 583617  
Ion Ratio Lower Upper  
169 100  
168 56.1 44.9 67.3  
167 32.9 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 41.803 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

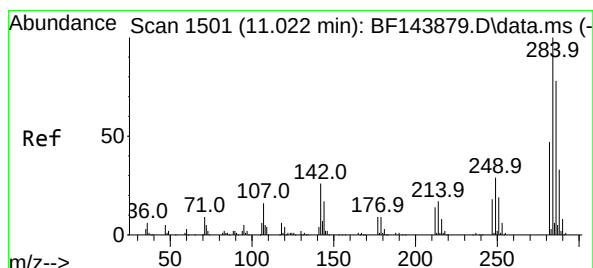
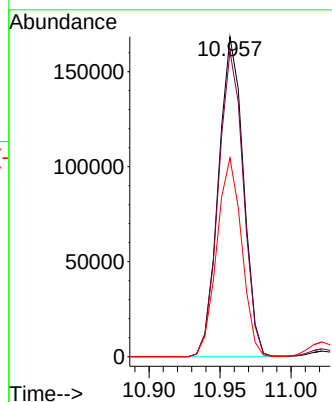
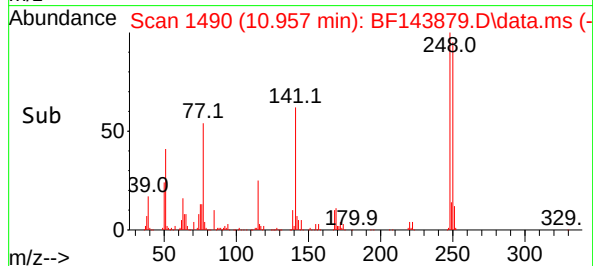
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:248 Resp: 205559  
Ion Ratio Lower Upper  
248 100  
250 95.4 76.3 114.5  
141 62.1 49.7 74.5

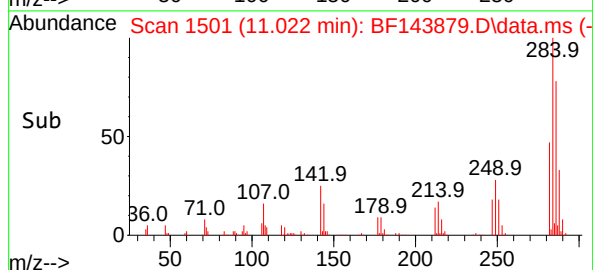
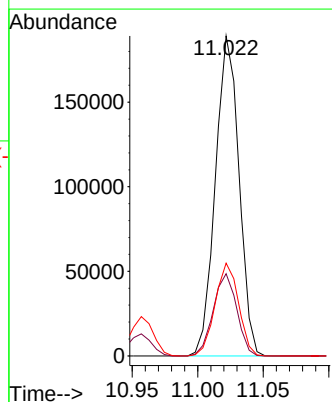
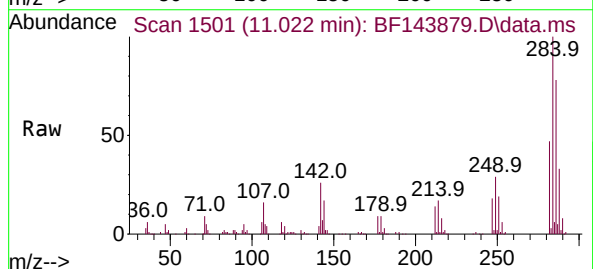
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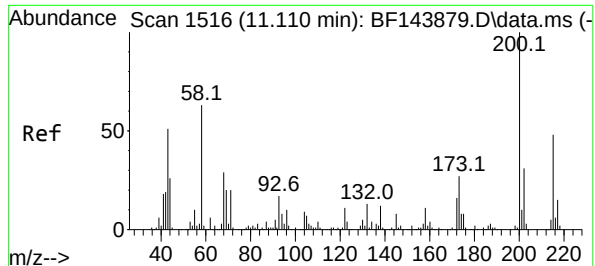
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#68  
Hexachlorobenzene  
Concen: 41.695 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:284 Resp: 237363  
Ion Ratio Lower Upper  
284 100  
142 25.7 20.6 30.8  
249 29.0 23.2 34.8





#69

Atrazine

Concen: 40.905 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 173212

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

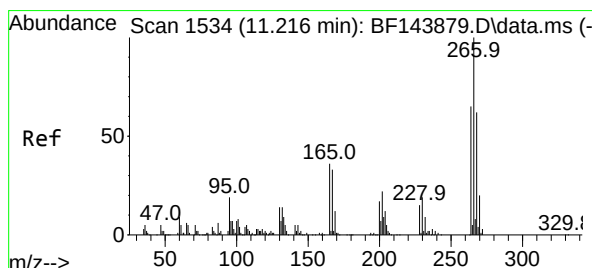
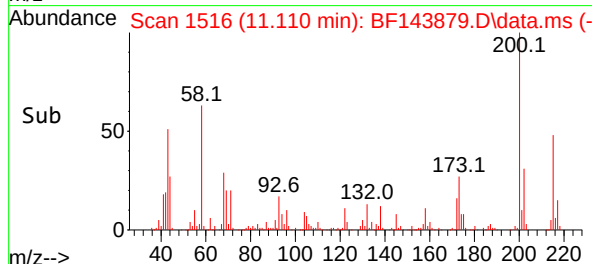
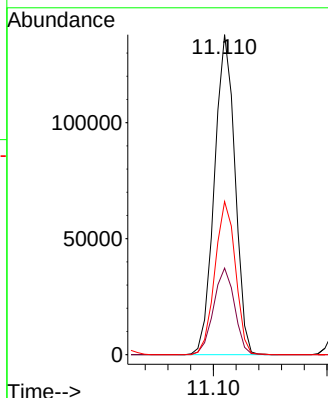
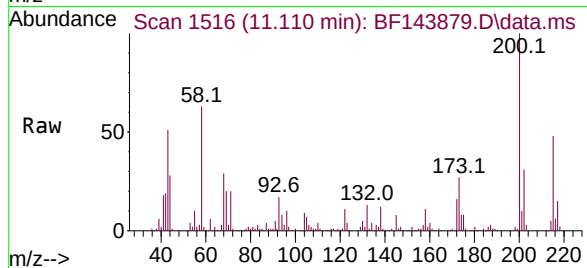
215 47.8 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 42.862 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

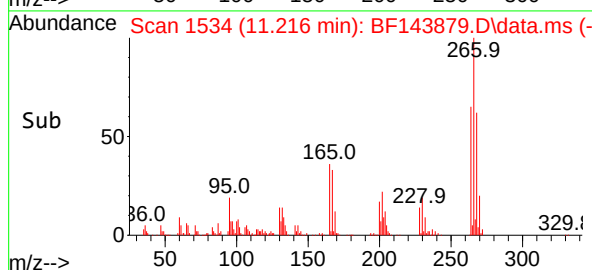
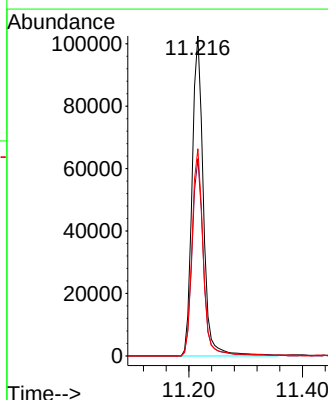
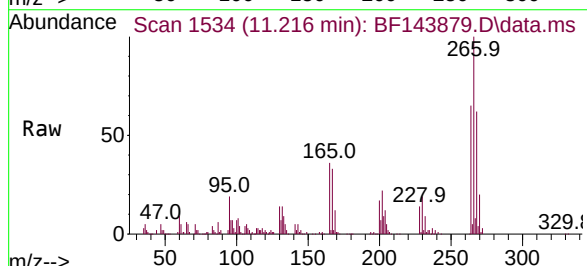
Tgt Ion:266 Resp: 140140

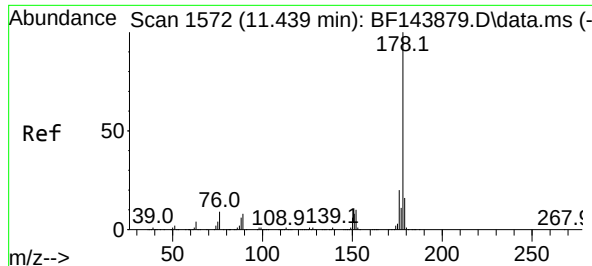
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 64.7 51.8 77.6





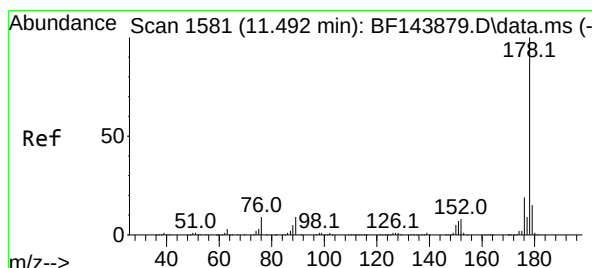
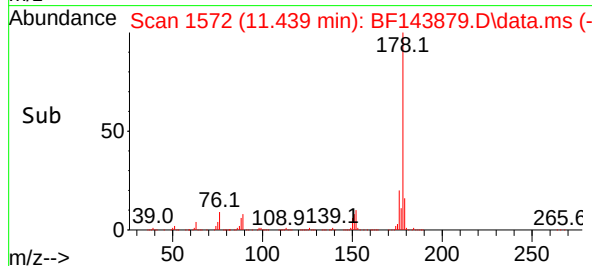
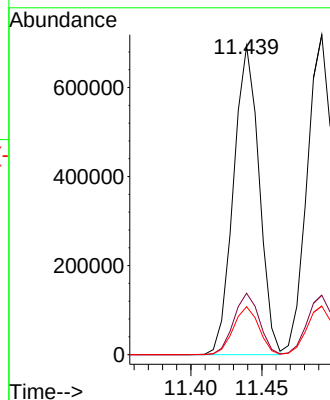
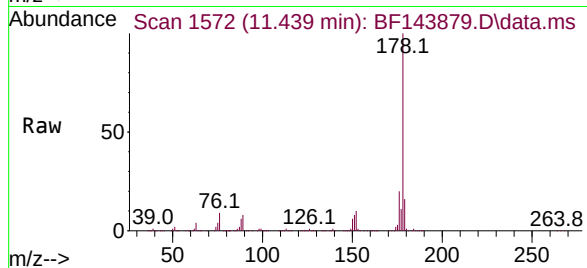
#71  
Phenanthrene  
Concen: 40.266 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:178 Resp: 868592  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 15.5 12.4 18.6

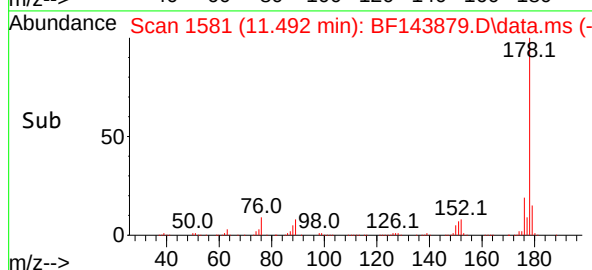
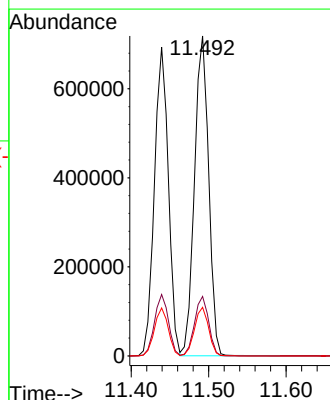
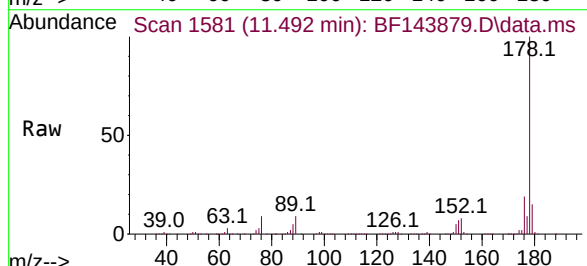
Manual Integrations  
APPROVED

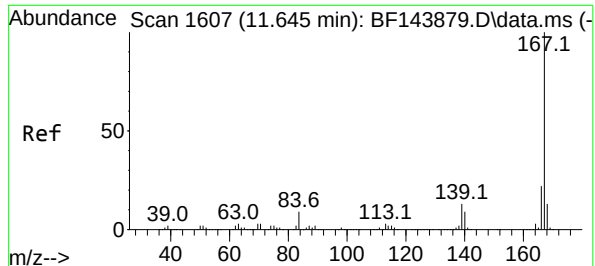
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 41.850 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

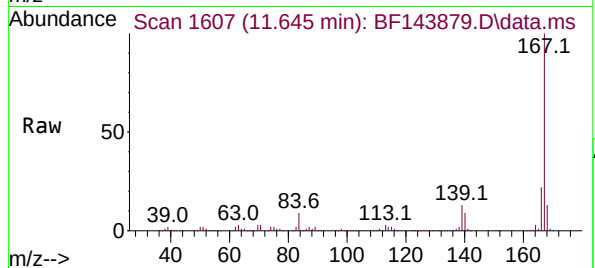
Tgt Ion:178 Resp: 912011  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.2 12.2 18.2





#73  
Carbazole  
Concen: 40.765 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

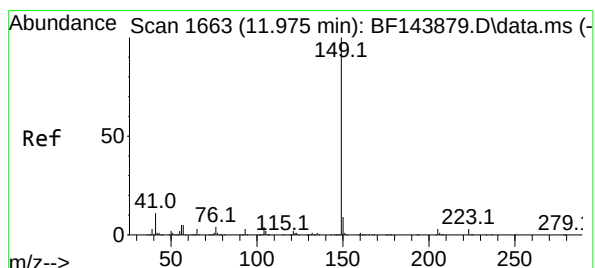
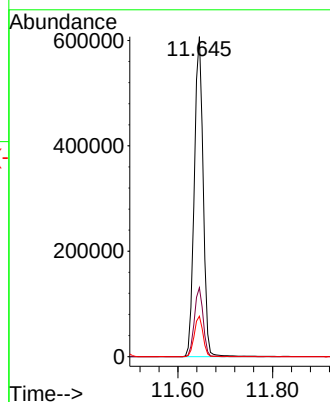
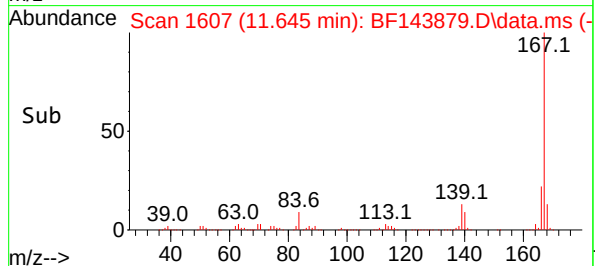
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



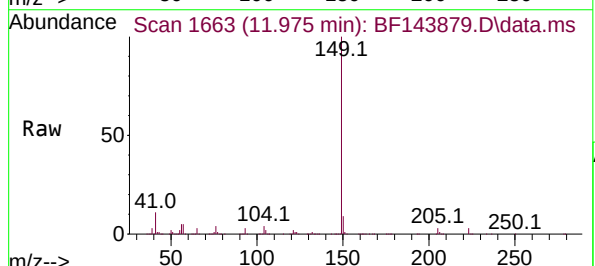
Tgt Ion:167 Resp: 786783  
Ion Ratio Lower Upper  
167 100  
166 21.5 17.2 25.8  
139 12.6 10.1 15.1

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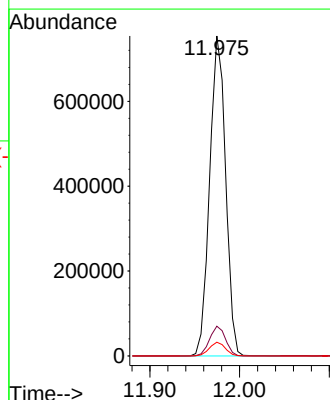
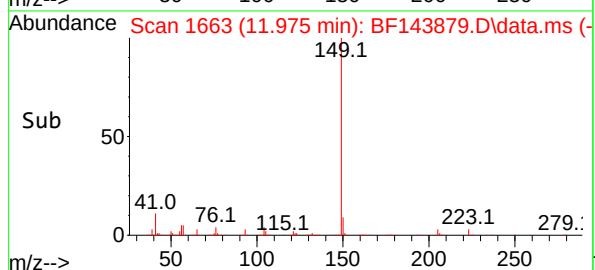
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

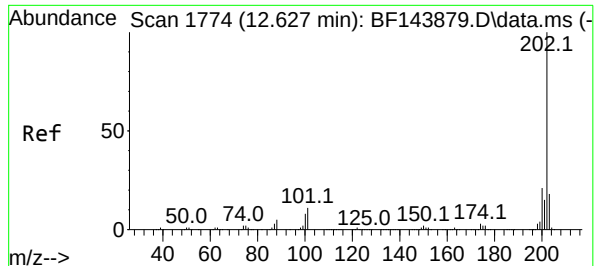


#74  
Di-n-butylphthalate  
Concen: 41.884 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54



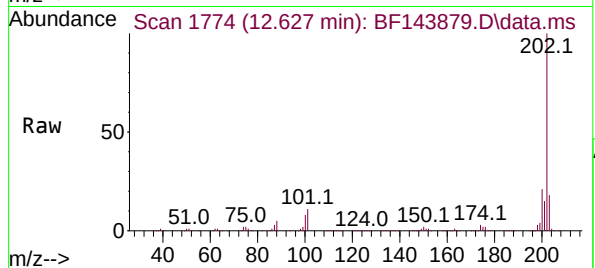
Tgt Ion:149 Resp: 936899  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 4.3 3.4 5.2





#75  
Fluoranthene  
Concen: 41.223 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

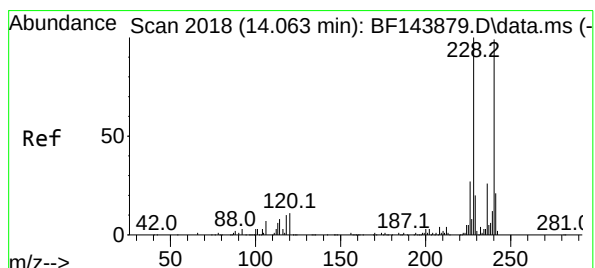
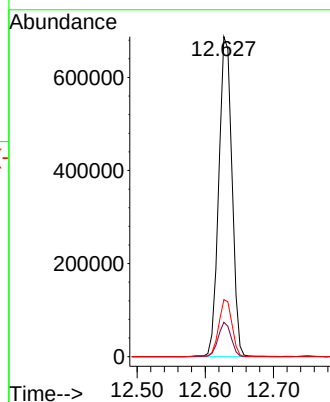
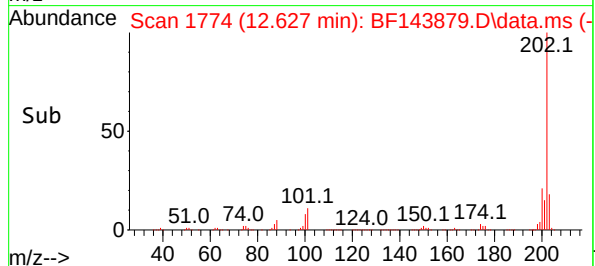
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:202 Resp: 918503  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 30.7  
203 17.8 0.0 37.8

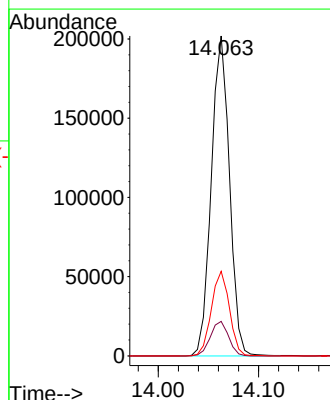
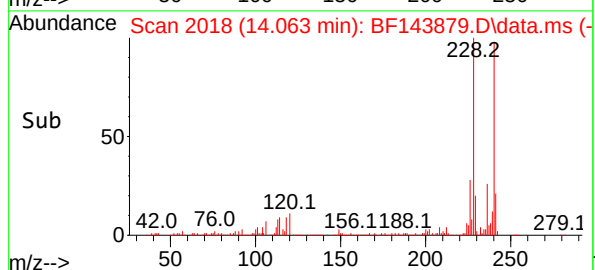
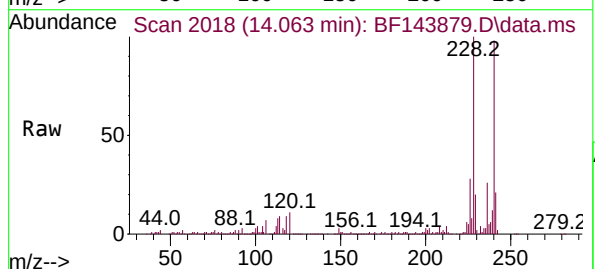
Manual Integrations  
APPROVED

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

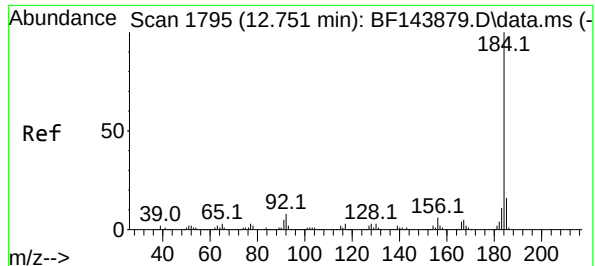


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:240 Resp: 254576  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.6 13.0  
236 26.4 21.1 31.7

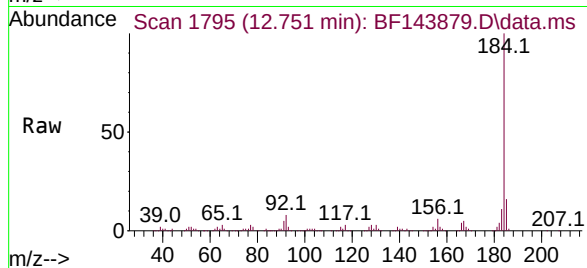






#77  
Benzidine  
Concen: 43.833 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

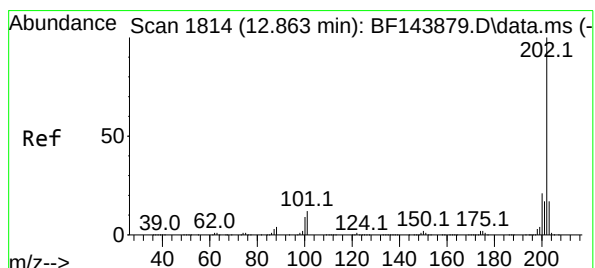
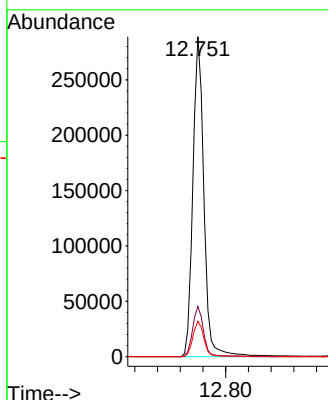
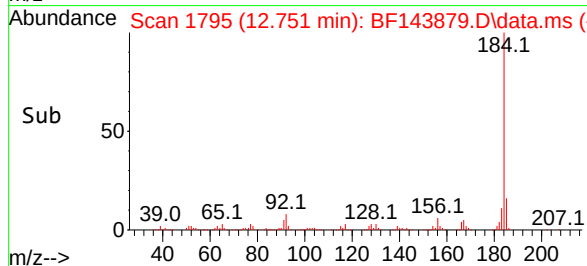
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:184 Resp: 387464  
Ion Ratio Lower Upper  
184 100  
185 15.7 12.6 18.8  
183 11.0 8.8 13.2

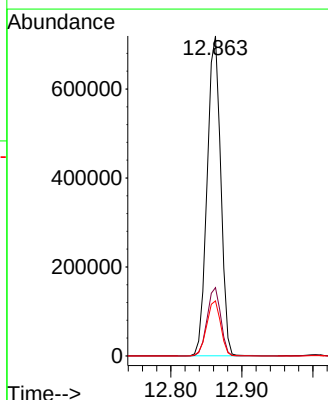
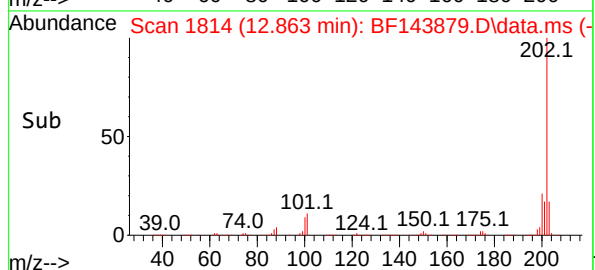
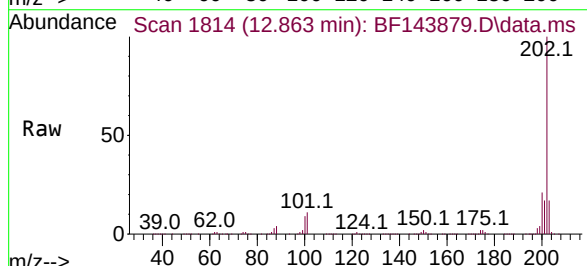
Manual Integrations  
APPROVED

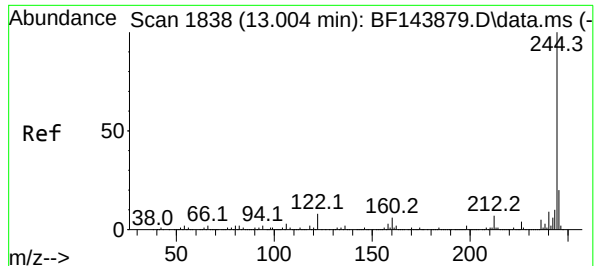
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#78  
Pyrene  
Concen: 44.692 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:202 Resp: 948521  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 87.451 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 1302632

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

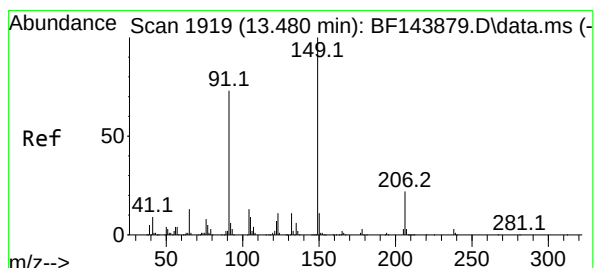
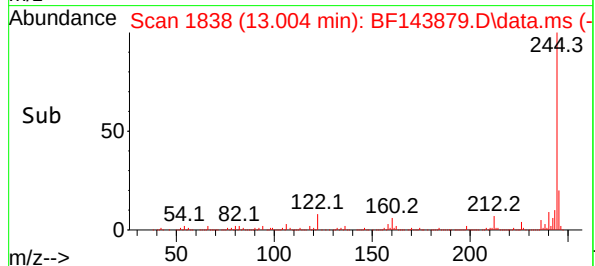
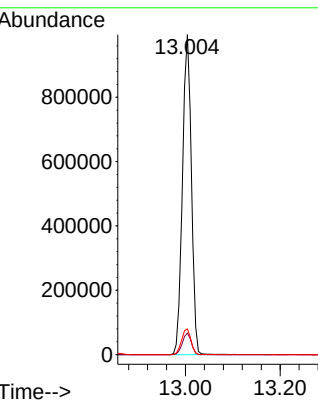
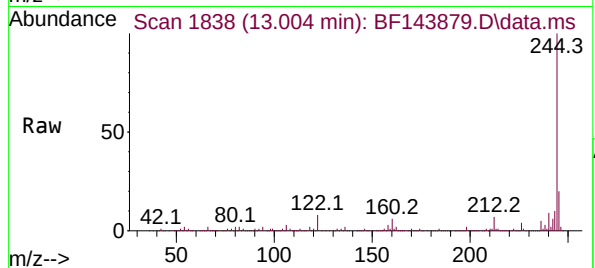
122 8.0 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 45.804 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

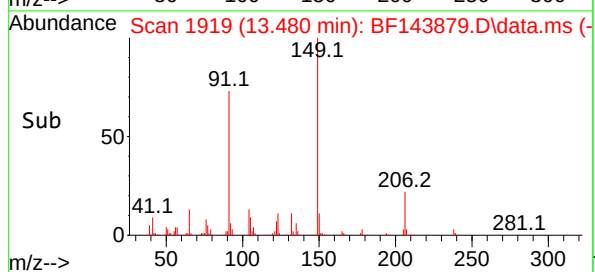
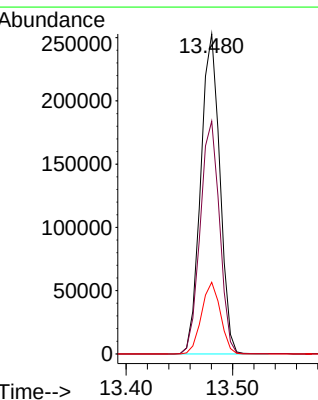
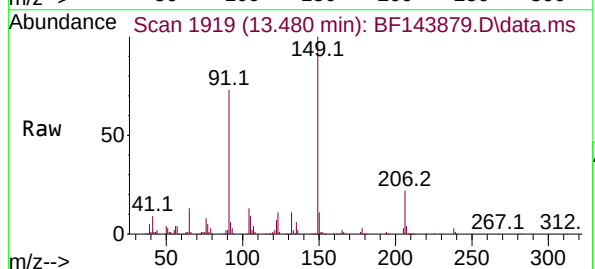
Tgt Ion:149 Resp: 315716

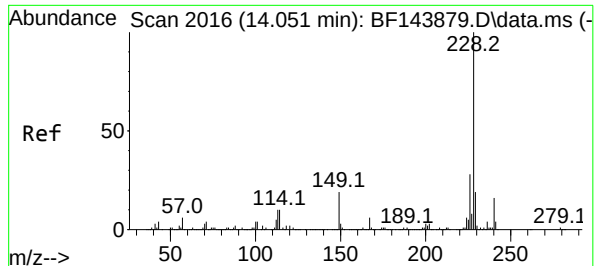
Ion Ratio Lower Upper

149 100

91 72.7 58.2 87.2

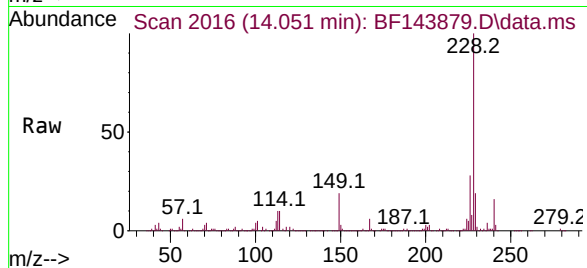
206 22.4 17.9 26.9





#81  
Benzo(a)anthracene  
Concen: 42.715 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

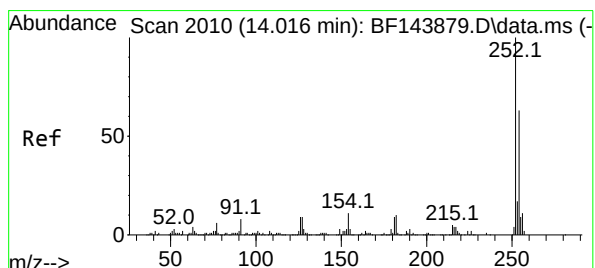
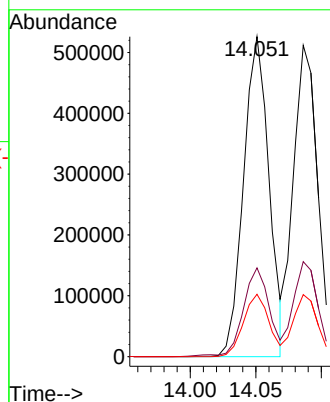
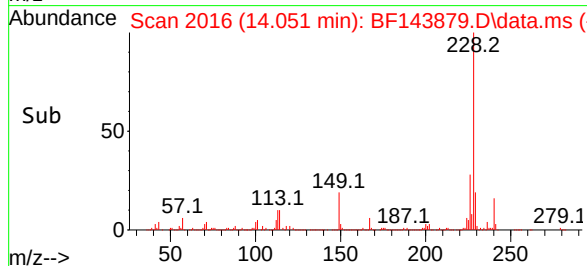
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 711609  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.2 33.2  
229 19.5 15.6 23.4

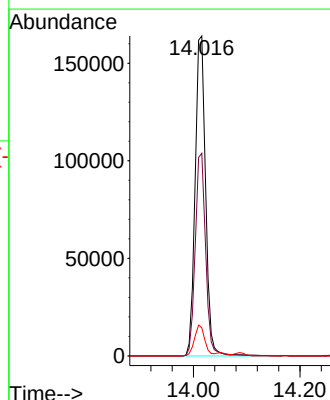
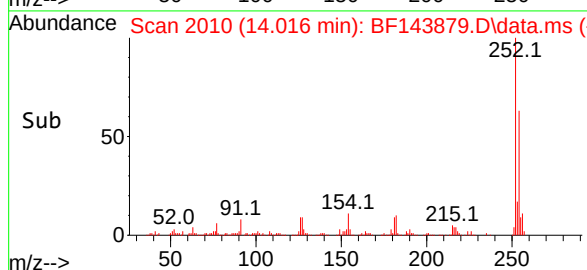
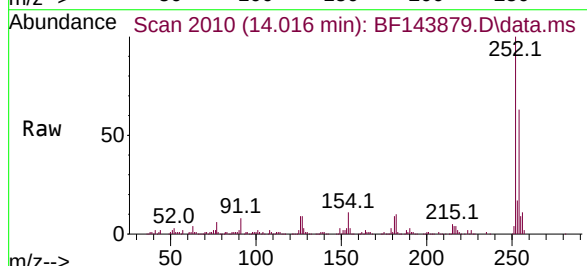
Manual Integrations  
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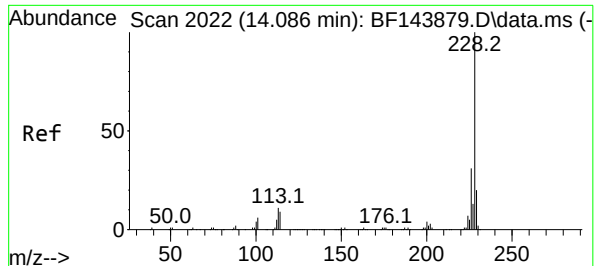
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 44.135 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

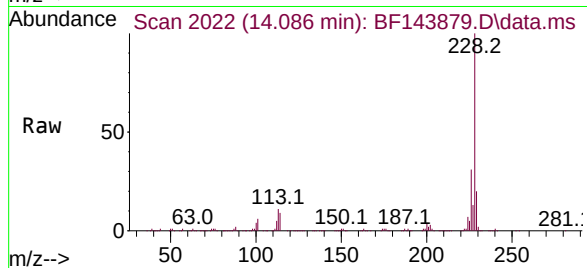
Tgt Ion:252 Resp: 224071  
Ion Ratio Lower Upper  
252 100  
254 63.3 50.6 76.0  
126 8.8 7.0 10.6





#83  
Chrysene  
Concen: 42.717 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

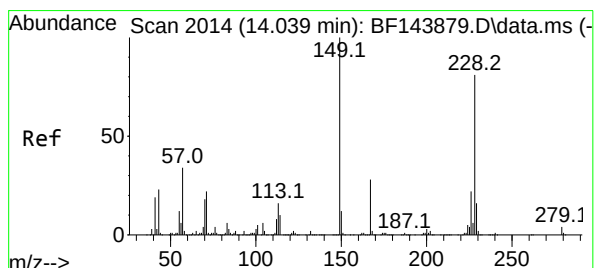
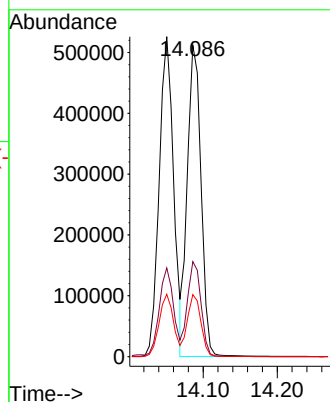
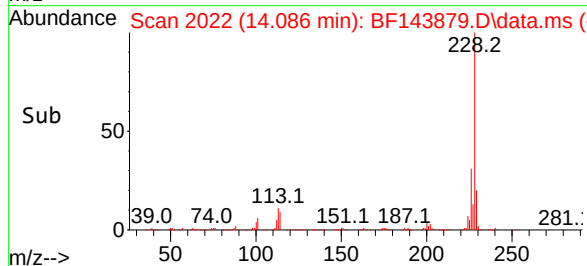
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 658639  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.4 36.6  
229 19.9 15.9 23.9

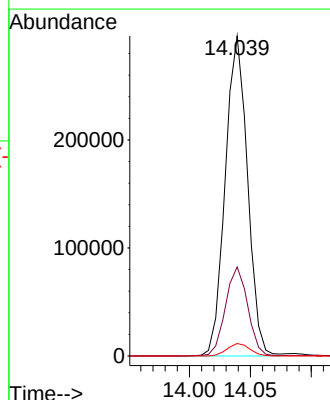
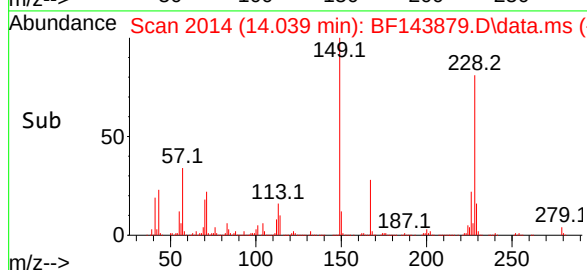
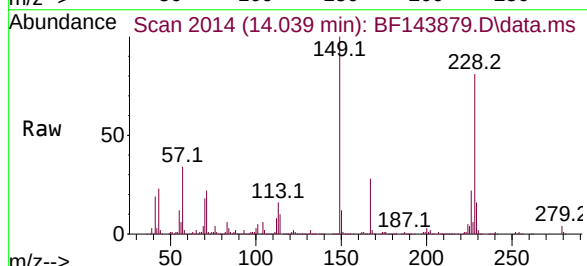
Manual Integrations  
APPROVED

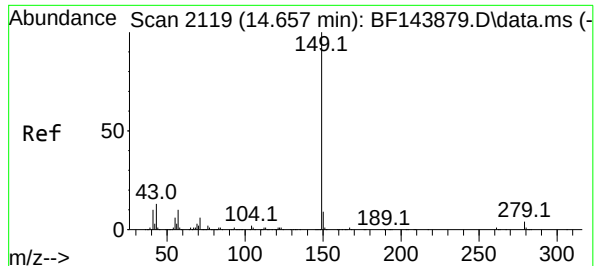
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.286 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

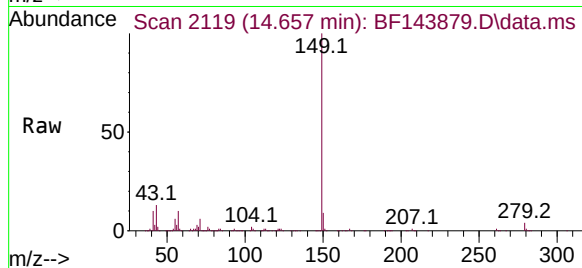
Tgt Ion:149 Resp: 376273  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.2 33.4  
279 3.9 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 44.561 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

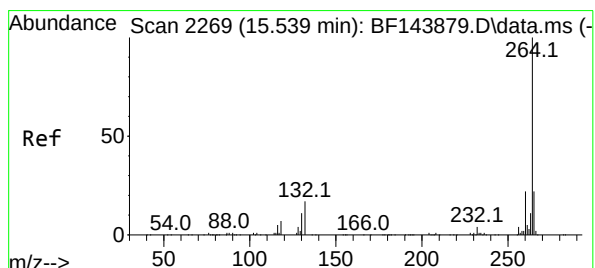
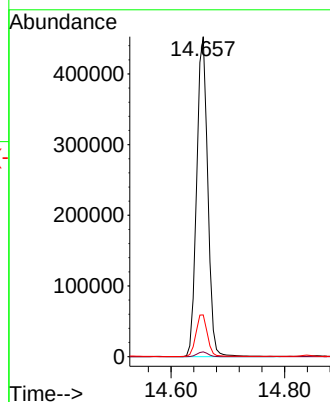
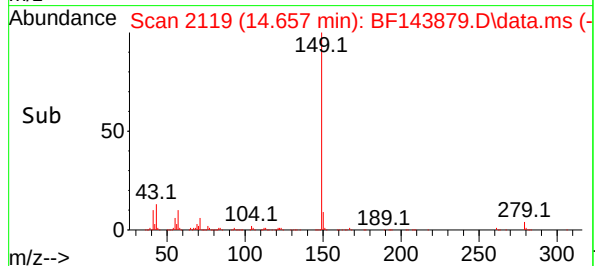
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:149 Resp: 608123  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 13.7 11.0 16.4

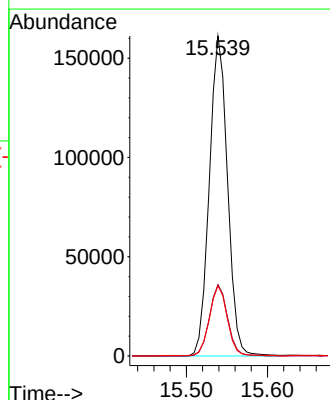
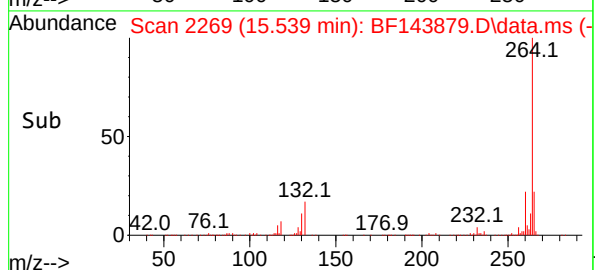
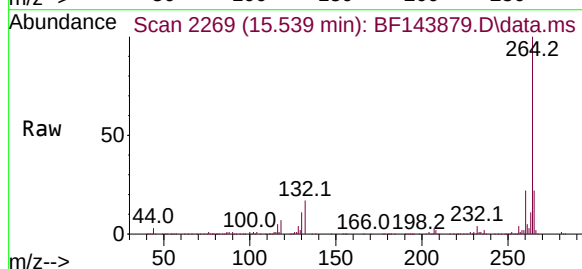
Manual Integrations  
APPROVED

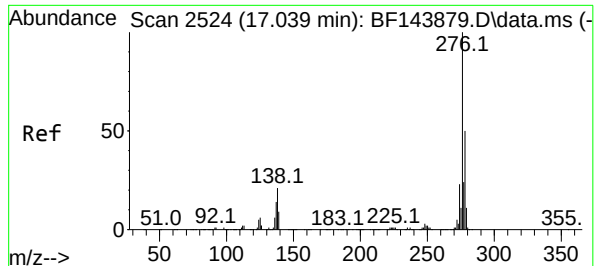
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

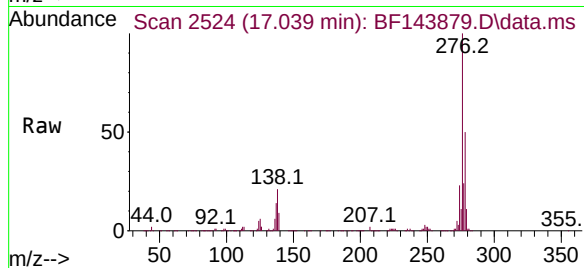
Tgt Ion:264 Resp: 250969  
Ion Ratio Lower Upper  
264 100  
260 22.3 17.8 26.8  
265 21.9 17.5 26.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.470 ng  
RT: 17.039 min Scan# 2195  
Delta R.T. -0.017 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

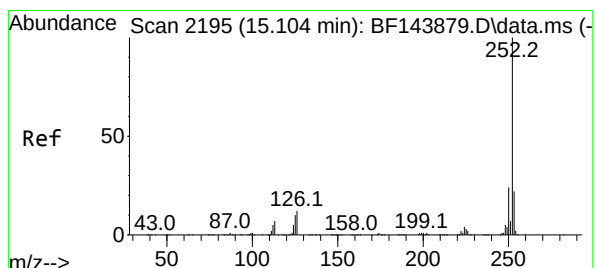
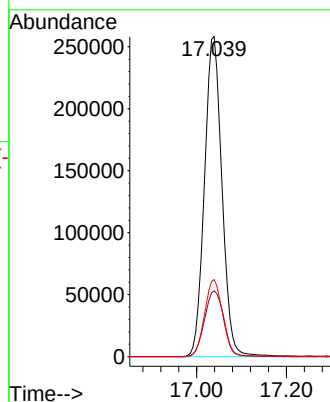
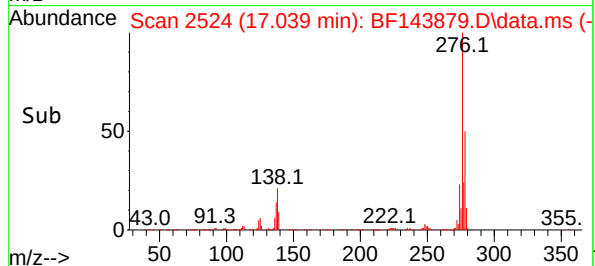
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:276 Resp: 699234  
Ion Ratio Lower Upper  
276 100  
138 22.7 18.2 27.2  
277 24.7 19.8 29.6

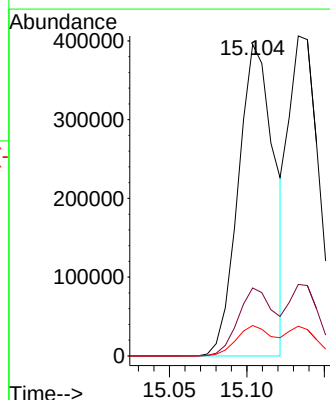
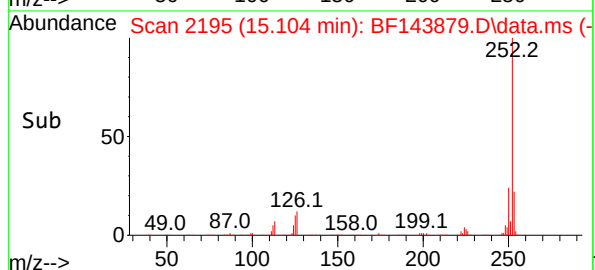
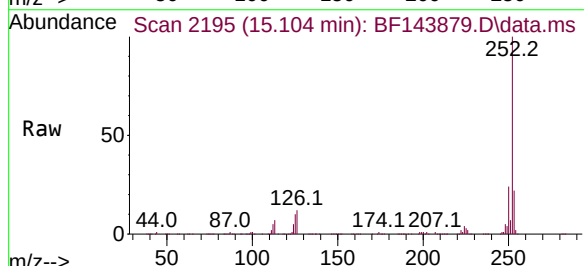
Manual Integrations  
APPROVED

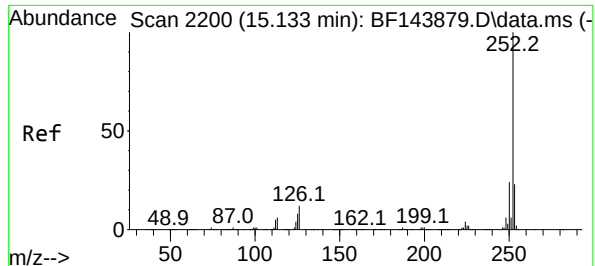
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 44.178 ng  
RT: 15.104 min Scan# 2195  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 636888  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 41.688 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 55611

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

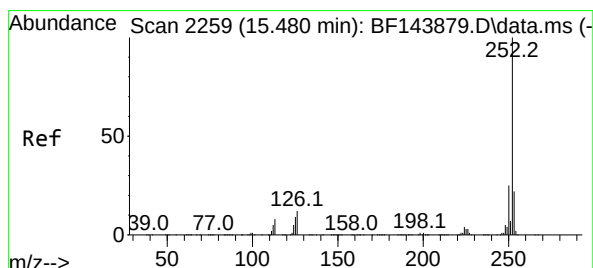
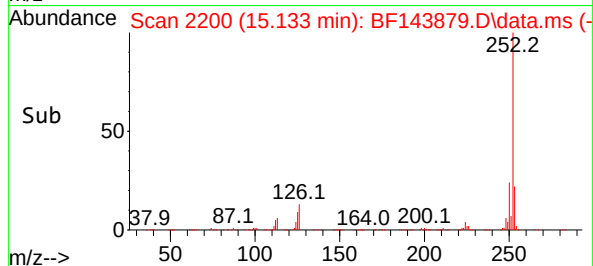
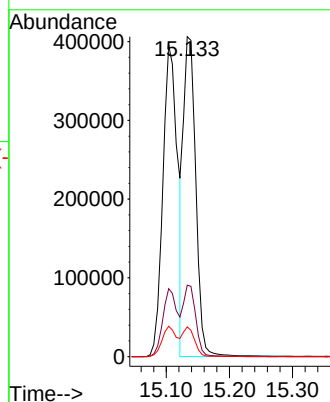
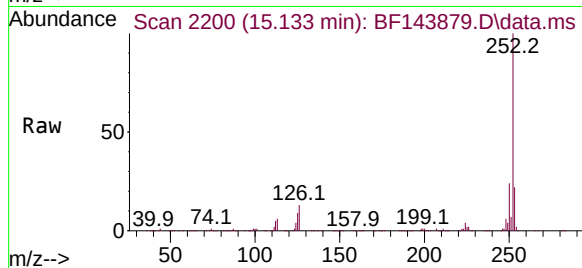
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 44.246 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

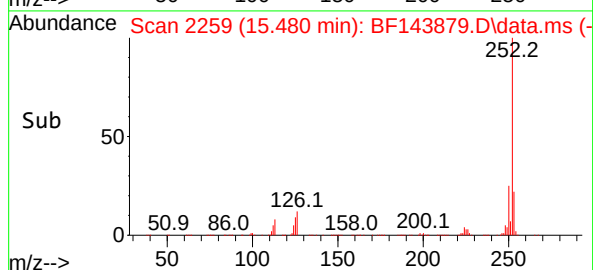
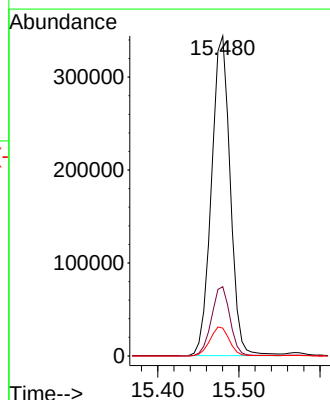
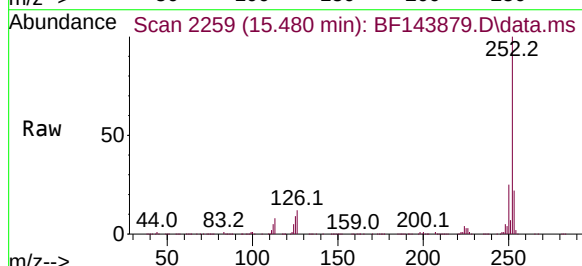
Tgt Ion:252 Resp: 553098

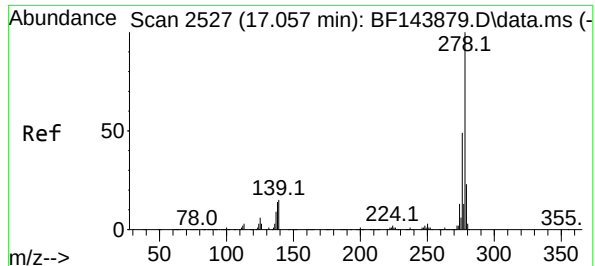
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

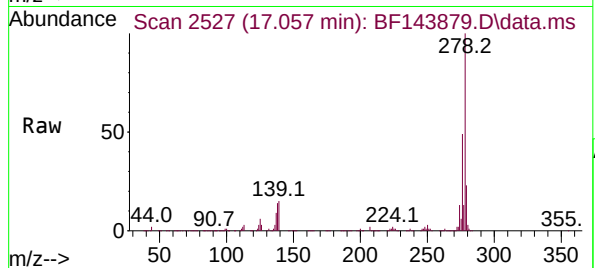
125 8.7 7.0 10.4





#91  
Dibenzo(a,h)anthracene  
Concen: 45.774 ng  
RT: 17.057 min Scan# 2527  
Delta R.T. -0.023 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

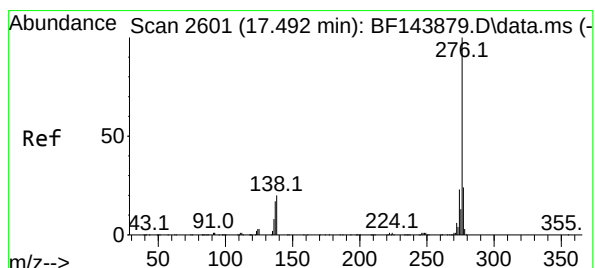
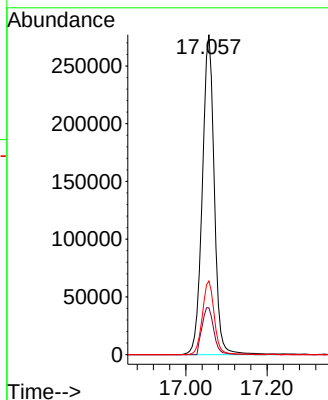
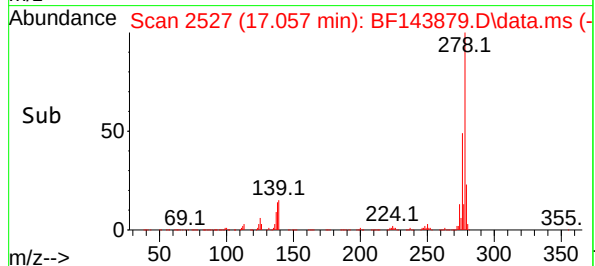
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 278 Resp: 566134  
Ion Ratio Lower Upper  
278 100  
139 14.6 11.7 17.5  
279 23.0 18.4 27.6

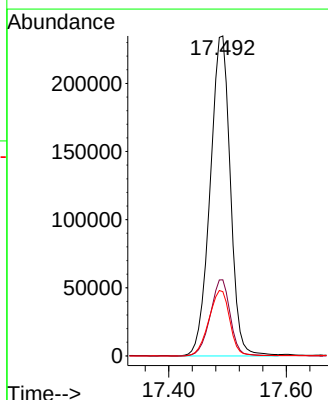
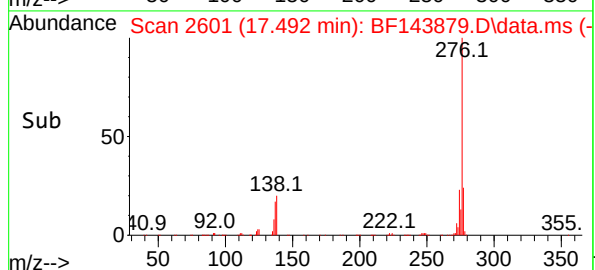
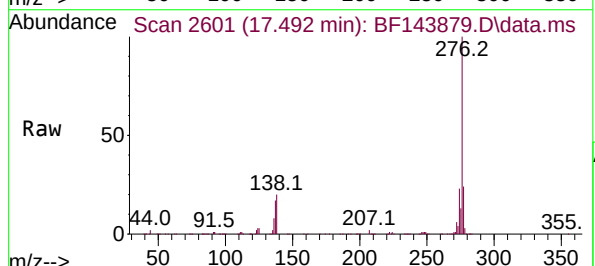
Manual Integrations  
APPROVED

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



#92  
Benzo(g,h,i)perylene  
Concen: 45.340 ng  
RT: 17.492 min Scan# 2601  
Delta R.T. -0.023 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion: 276 Resp: 560761  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.6  
138 20.1 16.1 24.1





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143880.D  
 Acq On : 06 Oct 2025 13:23  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 182011   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 710843   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 393762   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 674807   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 390779   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 426414   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 1067519  | 93.138 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1277645  | 93.519 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1148649  | 98.174 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 390657   | 99.608 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1936883  | 78.050 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 2083463  | 91.121 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 247738   | 46.709 | ng    | 99       |
| 3) Pyridine                   | 3.416  | 79   | 759117   | 49.164 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 417134   | 51.355 | ng    | 98       |
| 6) Aniline                    | 6.551  | 93   | 994174   | 48.562 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 546266   | 48.757 | ng    | 98       |
| 9) Benzaldehyde               | 6.439  | 77   | 545259   | 51.738 | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 799210   | 48.932 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 595127   | 47.169 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 607764   | 45.318 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 603407   | 45.612 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 583790   | 46.072 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 515929   | 50.402 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1368524  | 47.652 | ng    | 99       |
| 17) 2-Methylphenol            | 7.134  | 107  | 448120   | 48.397 | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 207432   | 47.017 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 441373   | 47.198 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 485879   | 45.276 | ng    | # 83     |
| 22) Acetophenone              | 7.298  | 105  | 665276   | 44.262 | ng    | # 94     |
| 24) Nitrobenzene              | 7.475  | 77   | 625692   | 48.155 | ng    | 98       |
| 25) Isophorone                | 7.716  | 82   | 1181135  | 47.877 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 296399   | 53.208 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 480868   | 47.987 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 706471   | 45.333 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 497289   | 47.642 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 473064   | 46.083 | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 1451547  | 44.890 | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 384635   | 55.462 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 567726   | 46.813 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 325186   | 45.586 | ng    | 99       |
| 35) Caprolactam               | 8.628  | 113  | 167817   | 50.565 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 477376   | 47.612 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 935960   | 43.453 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 918550   | 43.965 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 491771   | 45.187 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 242390   | 53.686 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 376991   | 47.410 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143880.D  
 Acq On : 06 Oct 2025 13:23  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

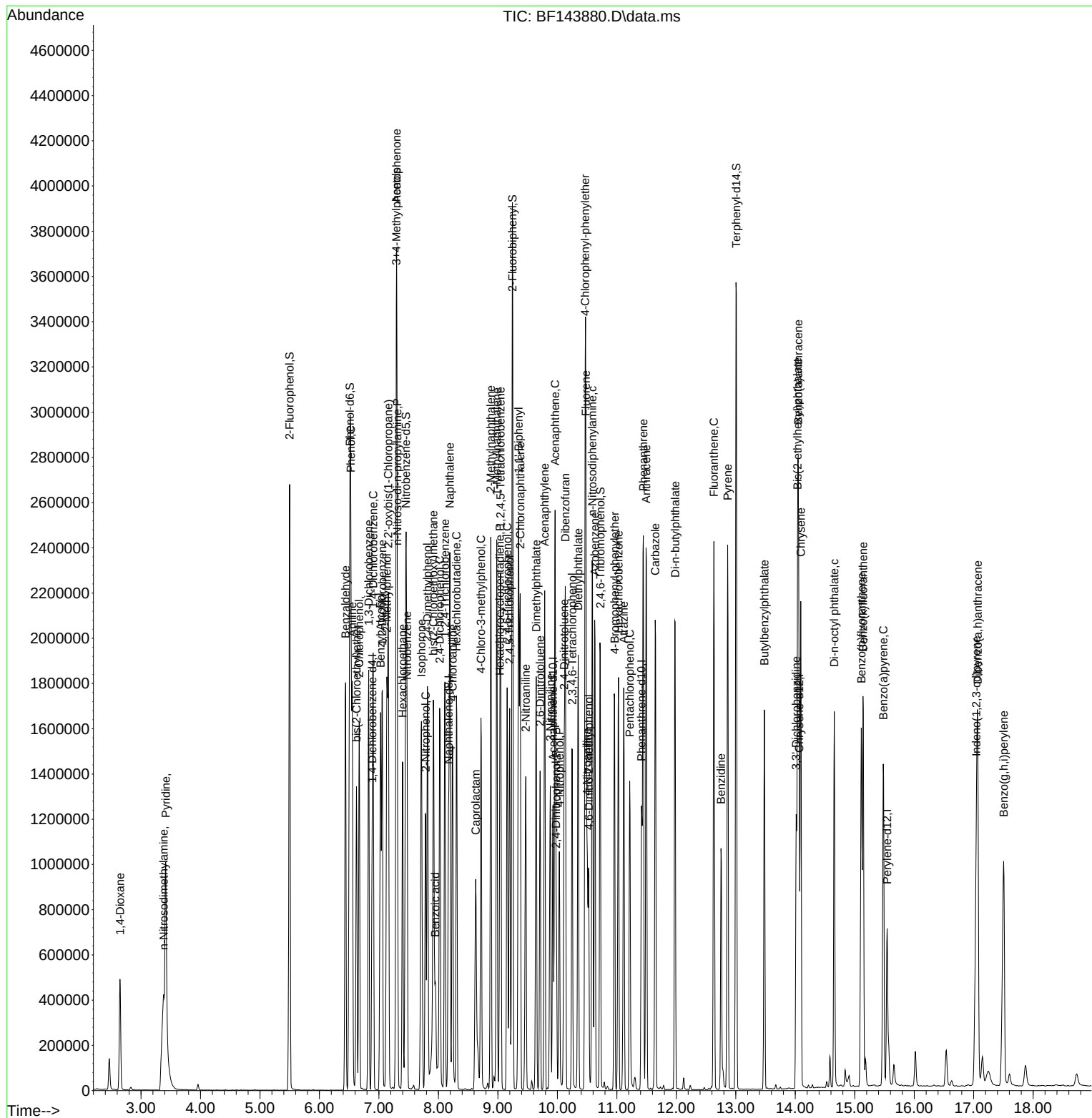
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 395213   | 47.031 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 1116775  | 42.837 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 972675   | 44.748 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 348179   | 50.665 | ng    | 96       |
| 49) Acenaphthylene            | 9.786  | 152  | 1364193  | 44.642 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1147448  | 45.888 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 246567   | 53.176 | ng    | 99       |
| 52) Acenaphthene              | 9.963  | 154  | 883487   | 44.122 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 291630   | 51.366 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 140496   | 51.801 | ng    | # 82     |
| 55) Dibenzofuran              | 10.133 | 168  | 1233091  | 43.625 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 226765   | 52.750 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 329984   | 52.304 | ng    | 98       |
| 58) Fluorene                  | 10.480 | 166  | 882946   | 41.398 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 294987   | 49.591 | ng    | # 98     |
| 60) Diethylphthalate          | 10.351 | 149  | 1053032  | 45.330 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 477108   | 42.311 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 282713   | 51.782 | ng    | 98       |
| 63) Azobenzene                | 10.627 | 77   | 1096875  | 45.178 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 188400   | 55.558 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 943991   | 44.552 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 339818   | 45.566 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 407614   | 47.211 | ng    | 97       |
| 69) Atrazine                  | 11.116 | 200  | 309799   | 48.240 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 259359   | 52.304 | ng    | 98       |
| 71) Phenanthrene              | 11.445 | 178  | 1419666  | 43.395 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1440404  | 43.583 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 1291982  | 44.139 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 1534951  | 45.246 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1478181  | 43.744 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 636126   | 46.882 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 1505326  | 46.206 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 532754   | 50.352 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 1203843  | 47.075 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 391334   | 50.214 | ng    | 98       |
| 83) Chrysene                  | 14.092 | 228  | 1090275  | 46.065 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 626818   | 49.146 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 1082833  | 51.691 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 1316167  | 50.373 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 1167220  | 47.652 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 983488   | 43.392 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 997382   | 46.960 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 1039281  | 49.457 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.503 | 276  | 1056021  | 50.253 | ng    | 100      |

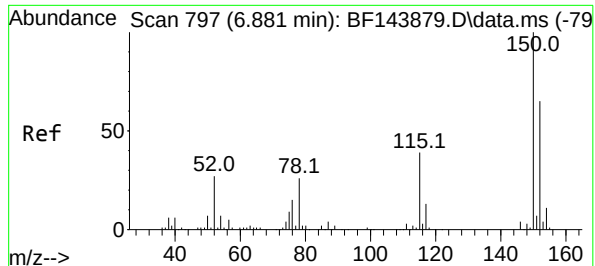
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Data File : BF143880.D  
Acq On    : 06 Oct 2025 13:23  
Operator  : RC/JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC050

Quant Time: Oct 06 15:38:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

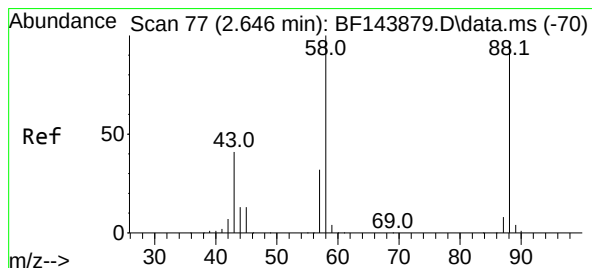
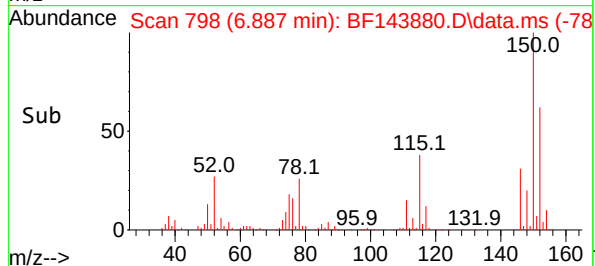
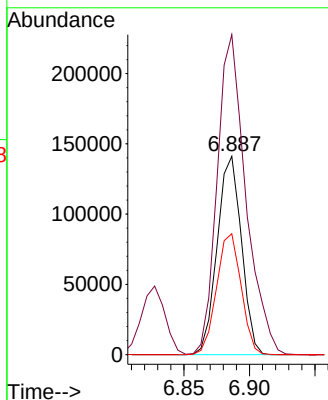
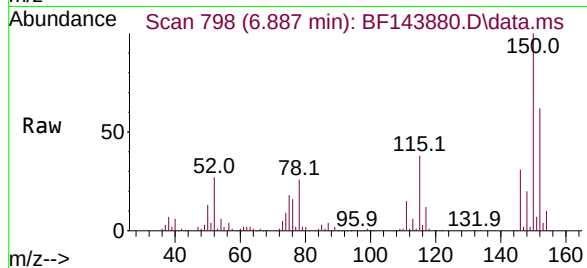




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 79  
Delta R.T. 0.001 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

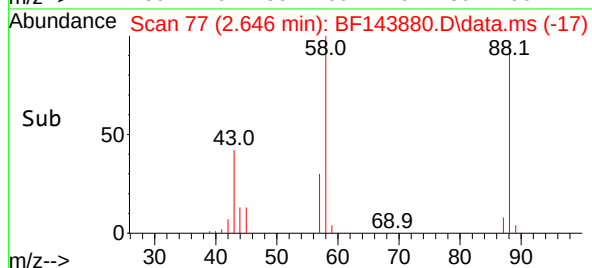
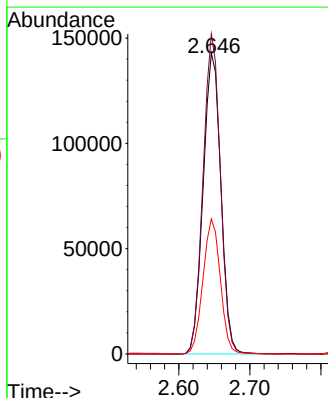
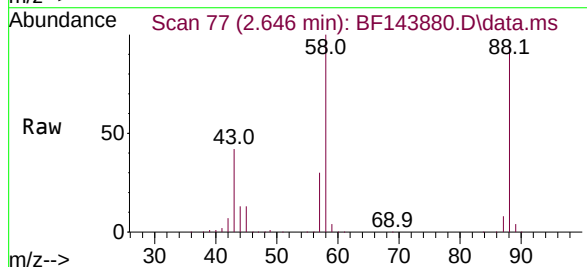
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

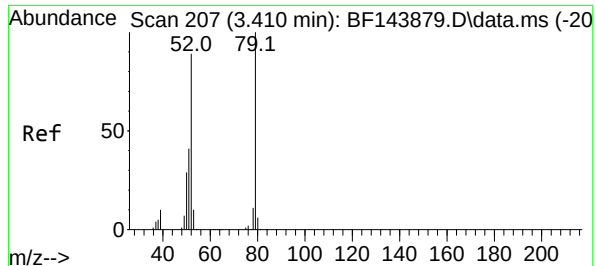
Tgt Ion:152 Resp: 182011  
Ion Ratio Lower Upper  
152 100  
150 161.3 124.4 186.6  
115 60.9 48.1 72.1



#2  
1,4-Dioxane  
Concen: 46.709 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 88 Resp: 247738  
Ion Ratio Lower Upper  
88 100  
58 103.6 83.0 124.6  
43 43.8 33.9 50.9





#3

Pyridine

Concen: 49.164 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143880.D

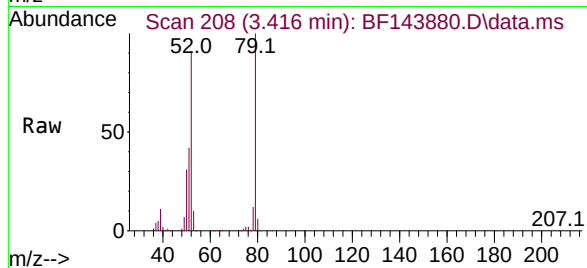
Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

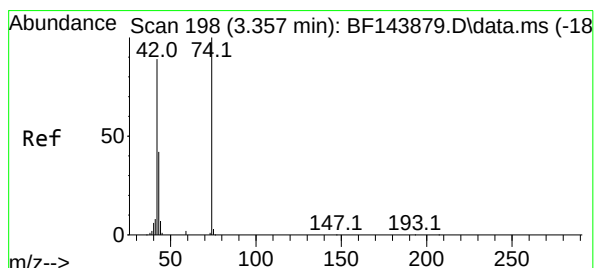
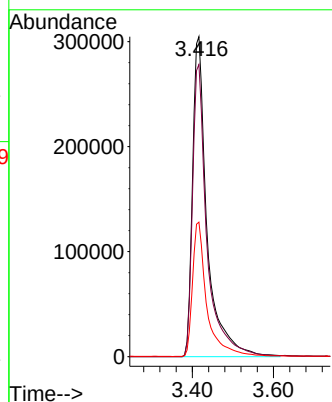
ClientSampleId :

SSTDICC050



Tgt Ion: 79 Resp: 759117

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 91.3  | 71.5  | 107.3 |
| 51  | 42.0  | 32.9  | 49.3  |



#4

n-Nitrosodimethylamine

Concen: 51.355 ng

RT: 3.381 min Scan# 202

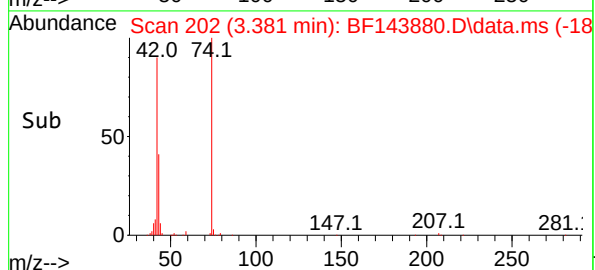
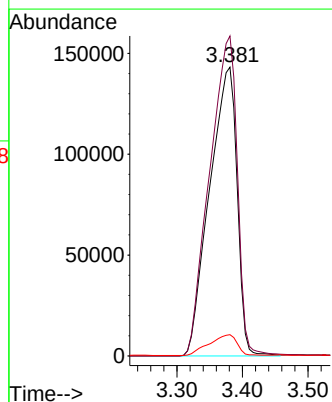
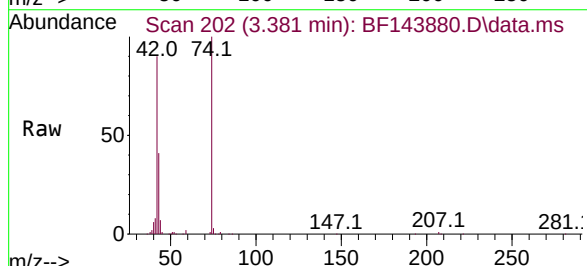
Delta R.T. -0.006 min

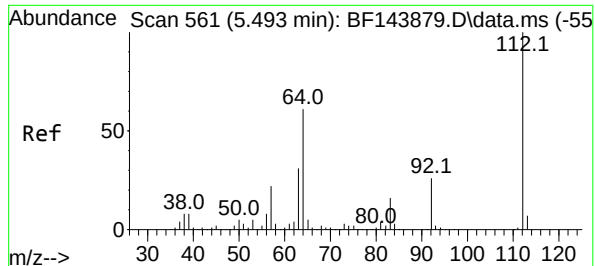
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 42 Resp: 417134

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 110.8 | 90.0  | 135.0 |
| 44  | 7.3   | 6.2   | 9.2   |

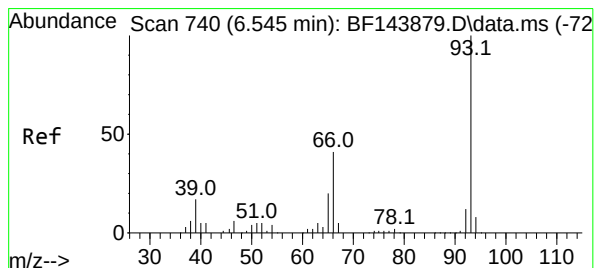
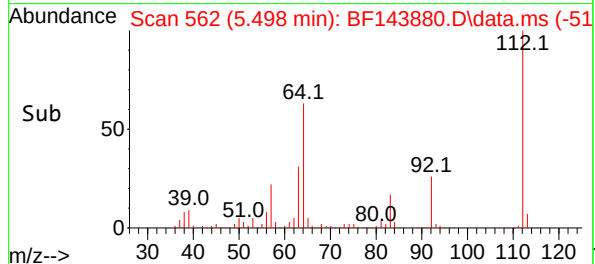
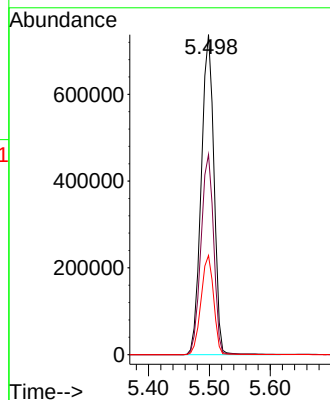
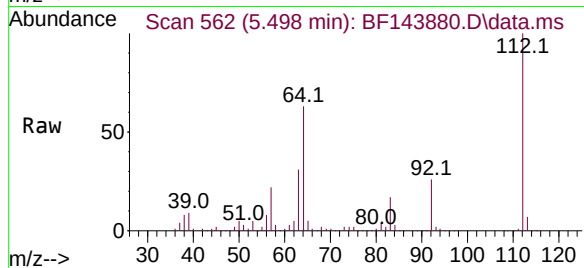




#5  
2-Fluorophenol  
Concen: 93.138 ng  
RT: 5.498 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

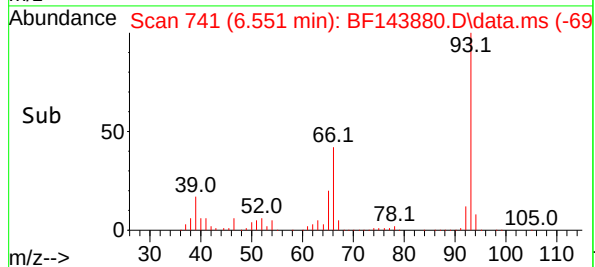
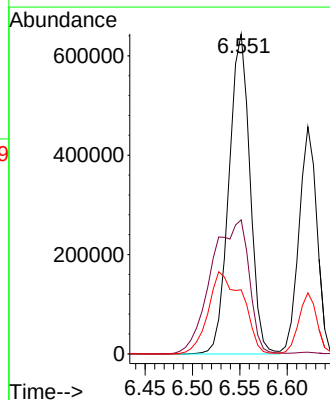
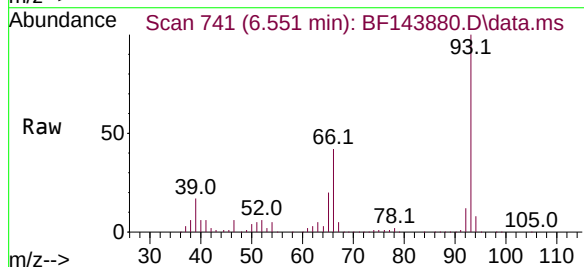
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

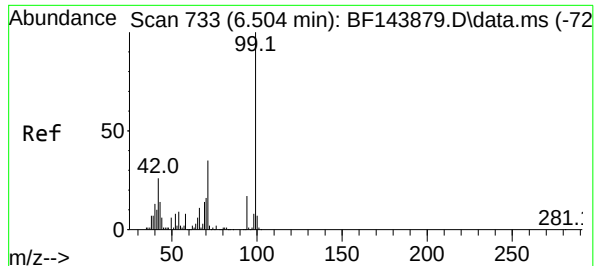
Tgt Ion:112 Resp: 1067519  
Ion Ratio Lower Upper  
112 100  
64 62.5 49.1 73.7  
63 31.0 24.5 36.7



#6  
Aniline  
Concen: 48.562 ng  
RT: 6.551 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 93 Resp: 994174  
Ion Ratio Lower Upper  
93 100  
66 41.9 33.0 49.6  
65 20.0 15.8 23.8

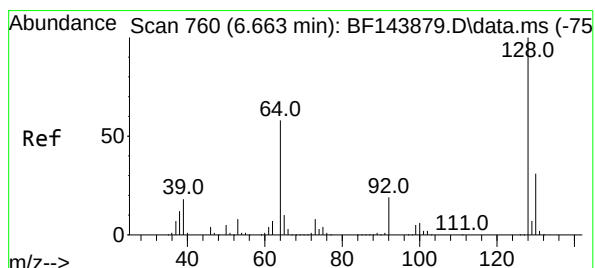
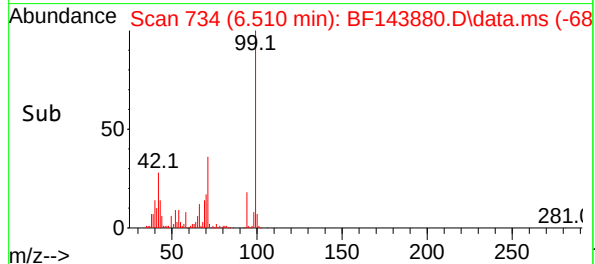
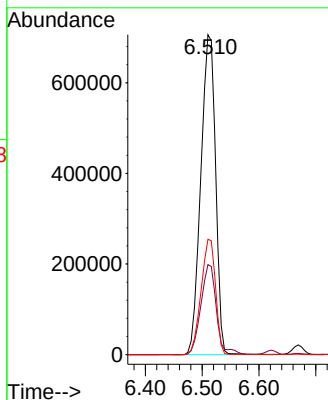
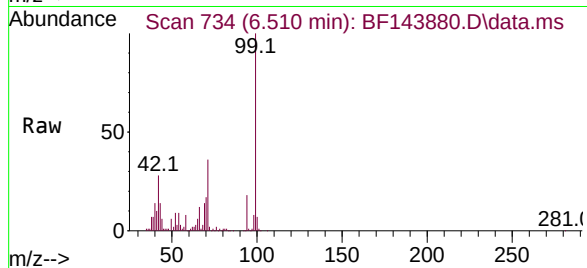




#7  
Phenol-d6  
Concen: 93.519 ng  
RT: 6.510 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

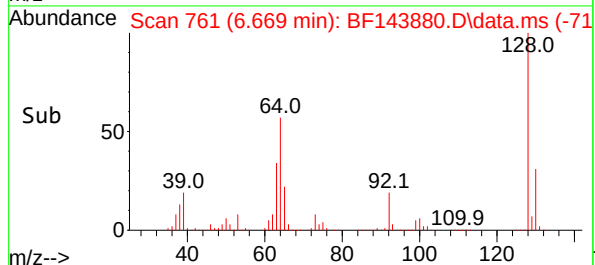
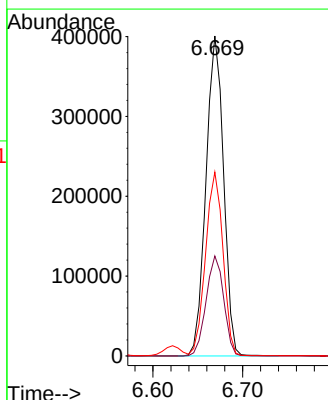
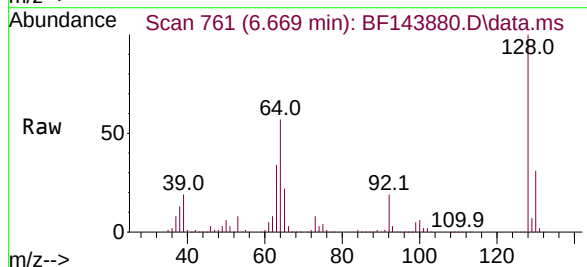
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

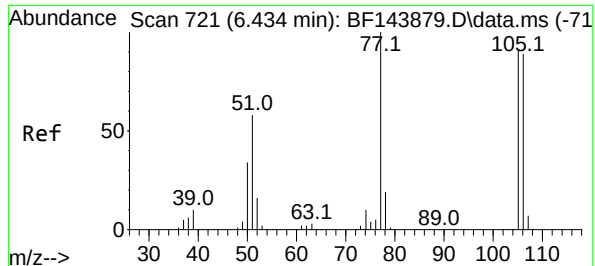
Tgt Ion: 99 Resp: 1277645  
Ion Ratio Lower Upper  
99 100  
42 28.1 21.0 31.4  
71 36.0 27.8 41.8



#8  
2-Chlorophenol  
Concen: 48.757 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 128 Resp: 546266  
Ion Ratio Lower Upper  
128 100  
130 31.2 10.7 50.7  
64 57.4 39.0 79.0





#9

Benzaldehyde

Concen: 51.738 ng

RT: 6.439 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

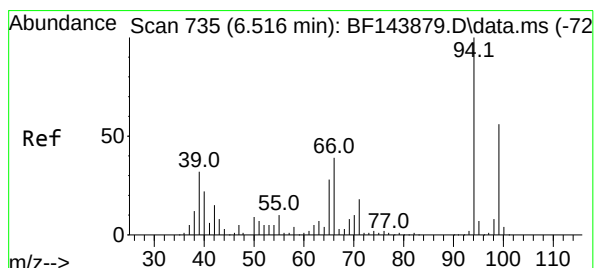
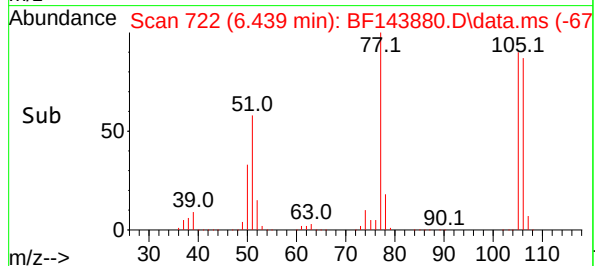
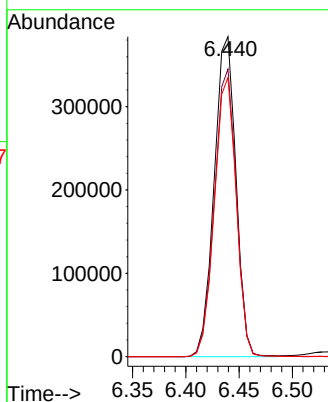
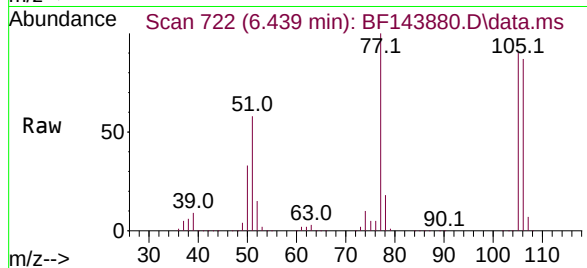
Tgt Ion: 77 Resp: 545259

Ion Ratio Lower Upper

77 100

105 89.9 70.9 110.9

106 87.2 68.9 108.9



#10

Phenol

Concen: 48.932 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

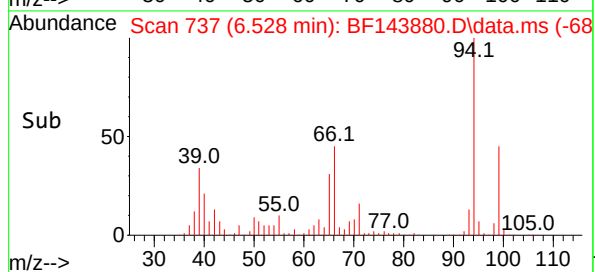
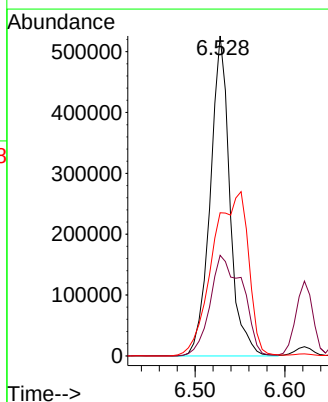
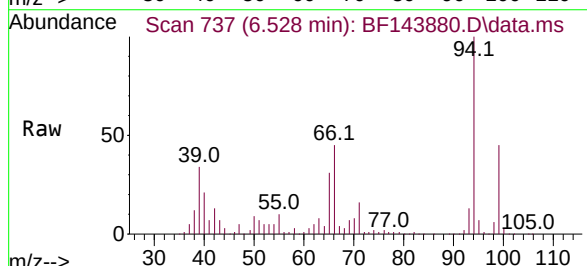
Tgt Ion: 94 Resp: 799210

Ion Ratio Lower Upper

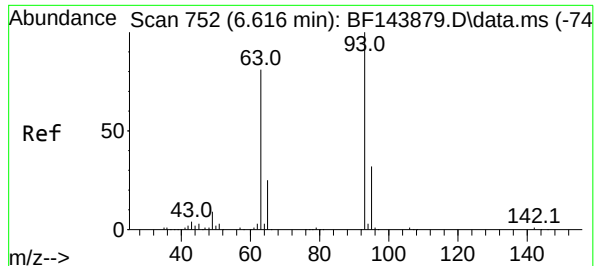
94 100

65 31.4 8.5 48.5

66 44.7 19.9 59.9



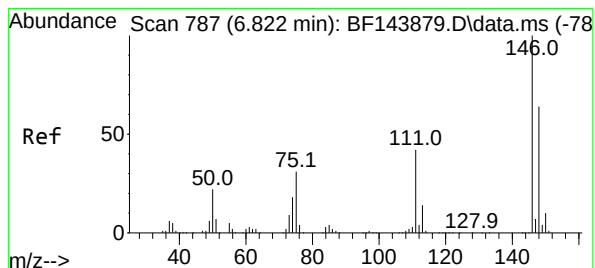
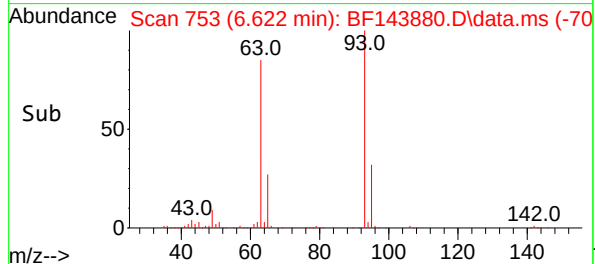
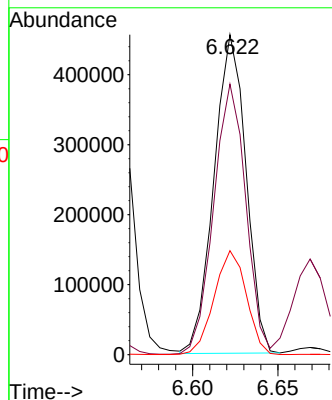
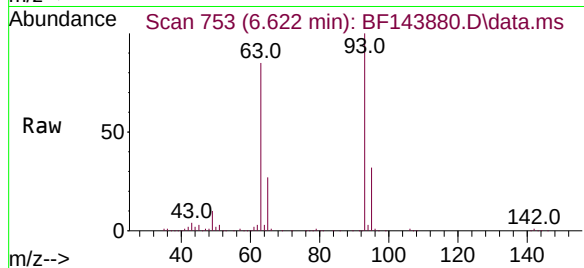




#11  
bis(2-Chloroethyl)ether  
Concen: 47.169 ng  
RT: 6.622 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

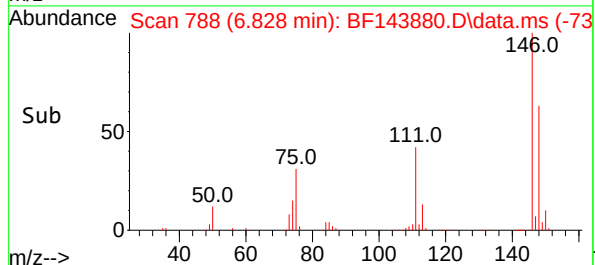
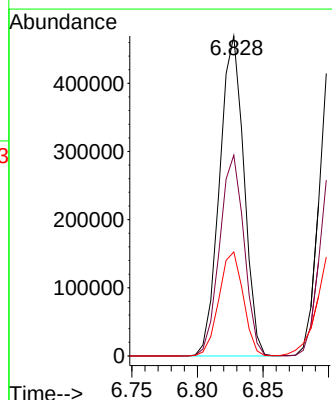
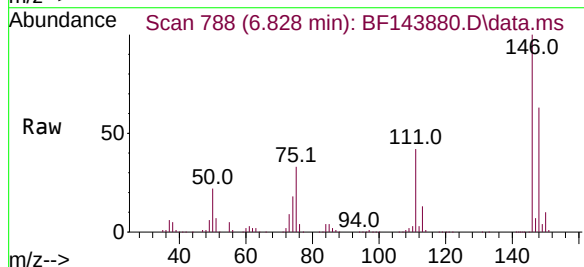
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

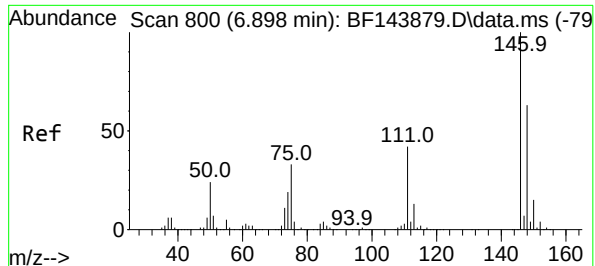
Tgt Ion: 93 Resp: 595127  
Ion Ratio Lower Upper  
93 100  
63 84.5 60.9 100.9  
95 32.5 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 45.318 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 146 Resp: 607764  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.0 76.4  
75 32.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.612 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

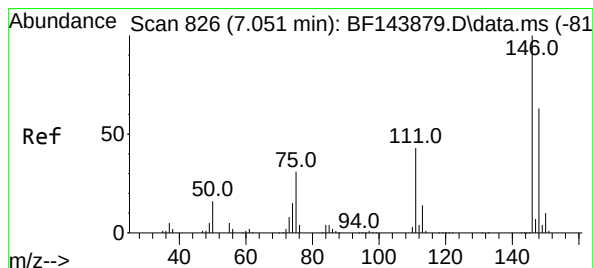
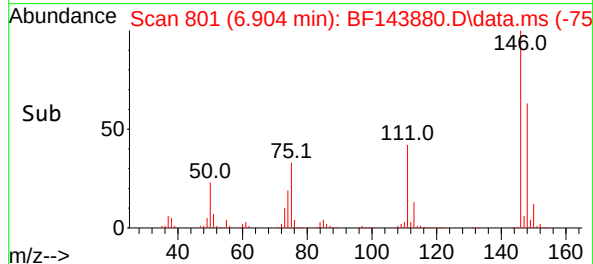
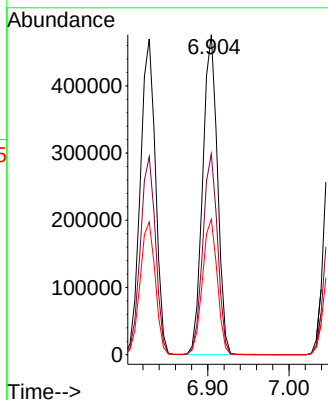
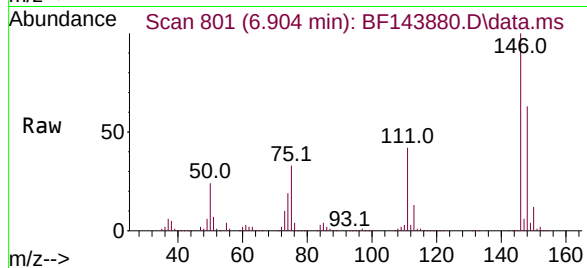
Tgt Ion:146 Resp: 603407

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 42.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.072 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

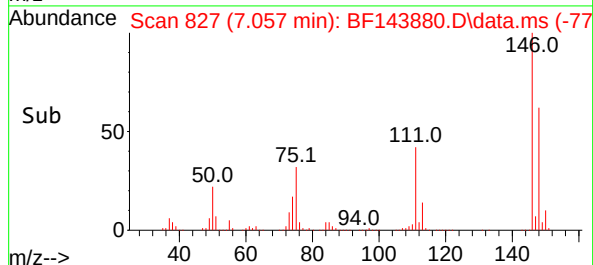
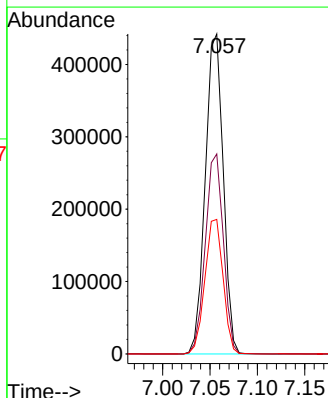
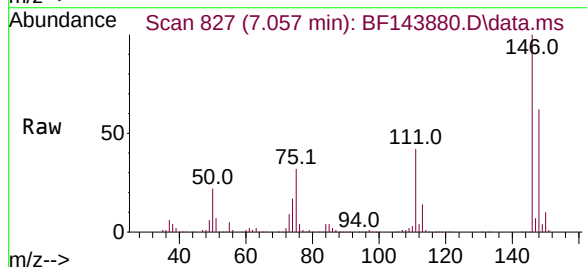
Tgt Ion:146 Resp: 583790

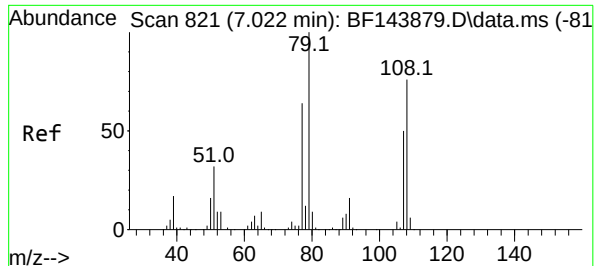
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8

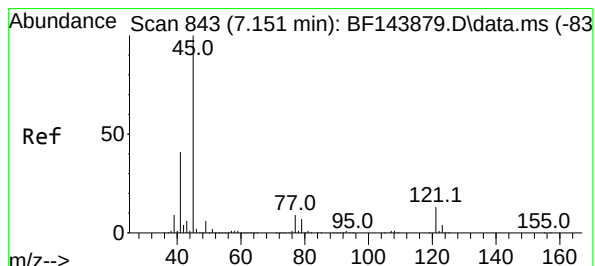
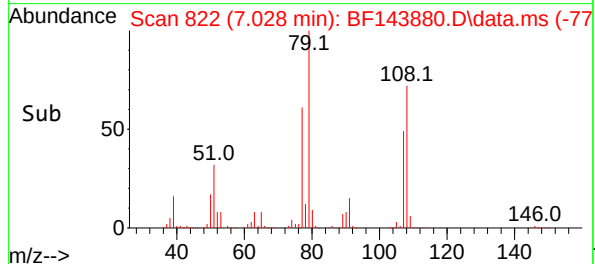
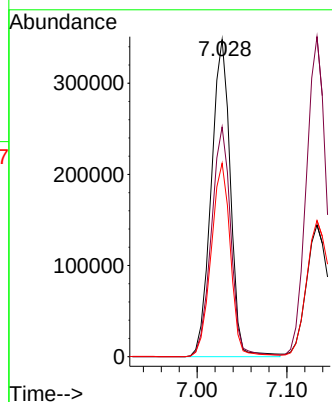
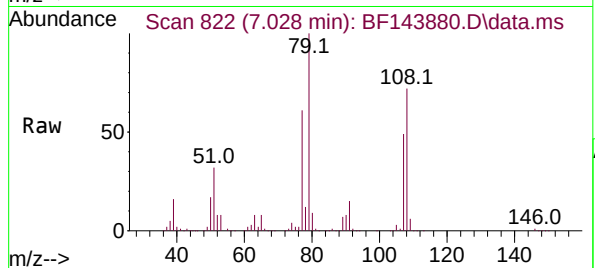




#15  
Benzyl Alcohol  
Concen: 50.402 ng  
RT: 7.028 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

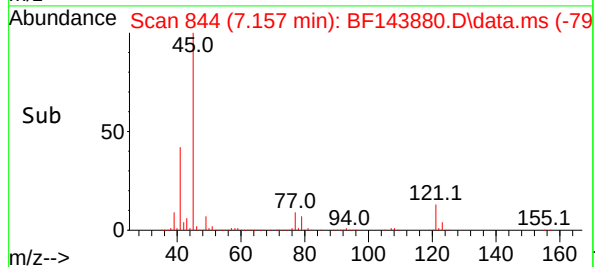
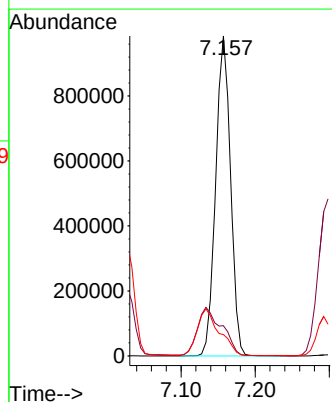
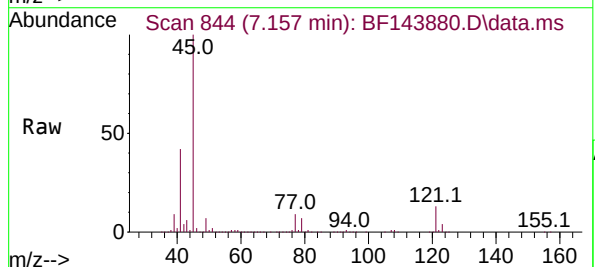
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

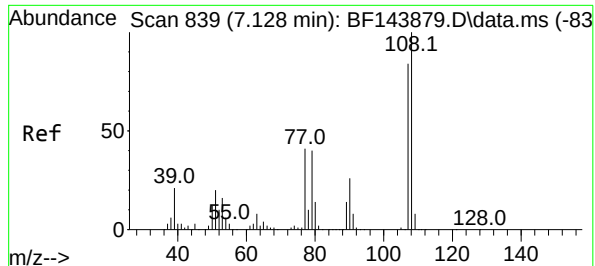
Tgt Ion: 79 Resp: 515929  
Ion Ratio Lower Upper  
79 100  
108 72.4 60.8 91.2  
77 61.0 51.0 76.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 47.652 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 45 Resp: 1368524  
Ion Ratio Lower Upper  
45 100  
77 9.4 0.0 29.0  
79 6.7 0.0 26.8

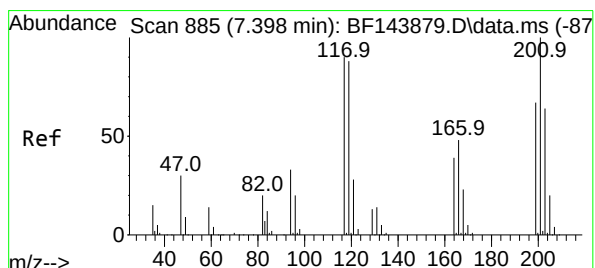
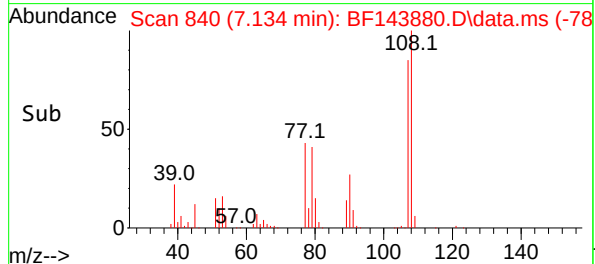
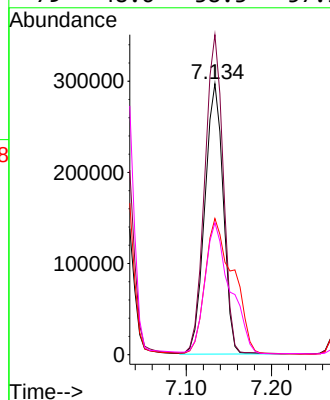
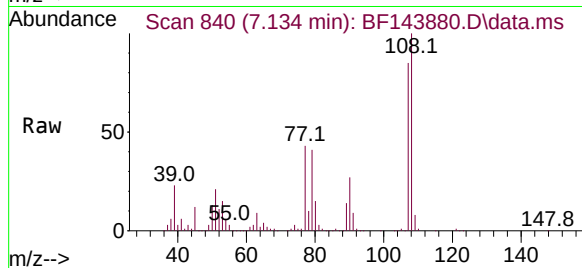




#17  
2-Methylphenol  
Concen: 48.397 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

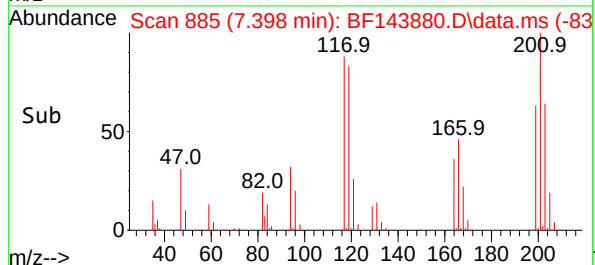
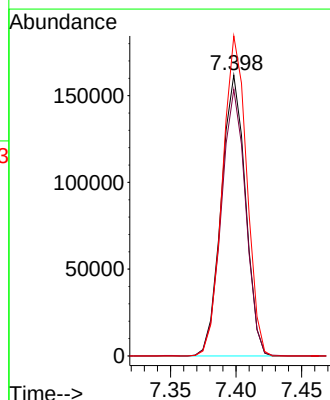
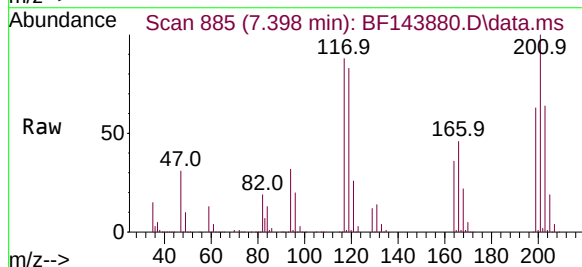
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

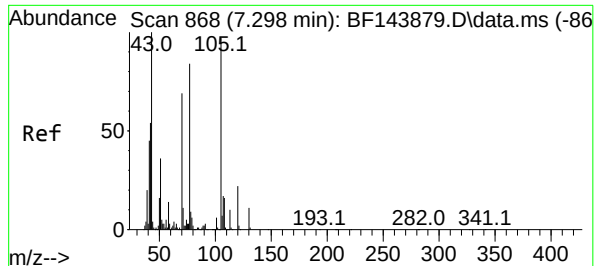
Tgt Ion:107 Resp: 448120  
Ion Ratio Lower Upper  
107 100  
108 118.1 94.7 142.1  
77 50.2 38.8 58.2  
79 48.6 38.3 57.5



#18  
Hexachloroethane  
Concen: 47.017 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:117 Resp: 207432  
Ion Ratio Lower Upper  
117 100  
119 94.9 77.8 116.8  
201 114.0 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.198 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 441373

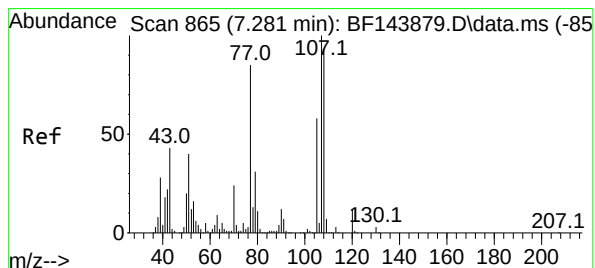
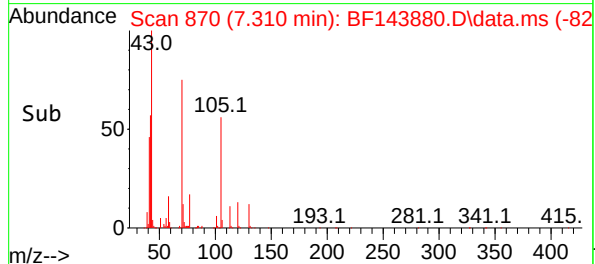
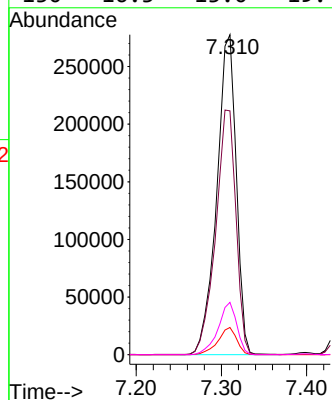
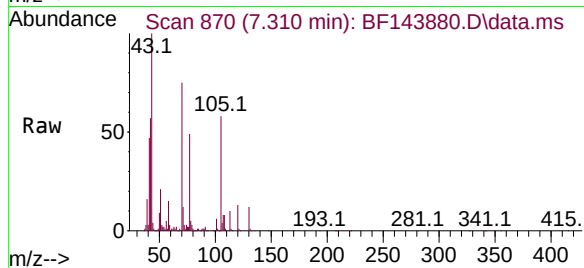
Ion Ratio Lower Upper

70 100

42 76.2 62.8 94.2

101 8.5 6.7 10.1

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 45.276 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 107 Resp: 485879

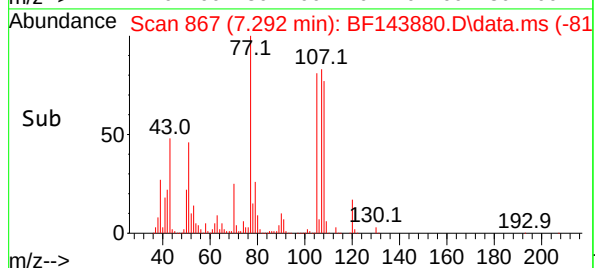
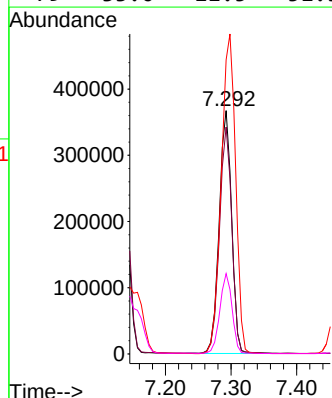
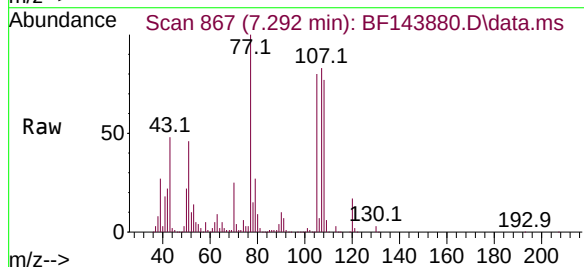
Ion Ratio Lower Upper

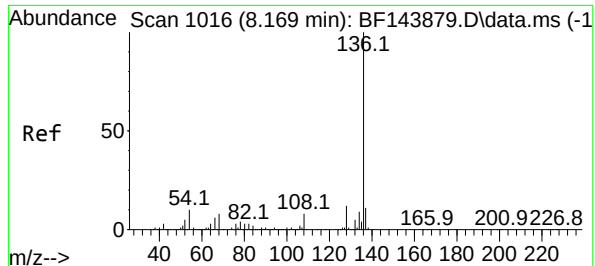
107 100

108 93.2 73.0 113.0

77 120.9 64.6 104.6#

79 33.0 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 710843

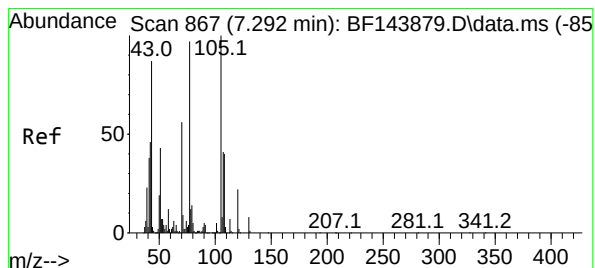
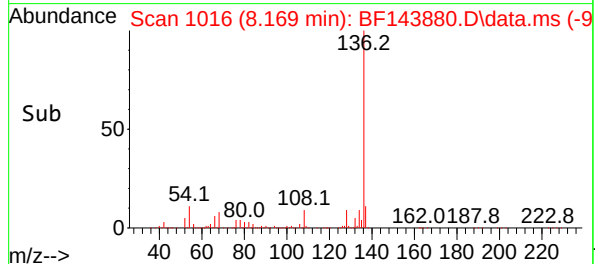
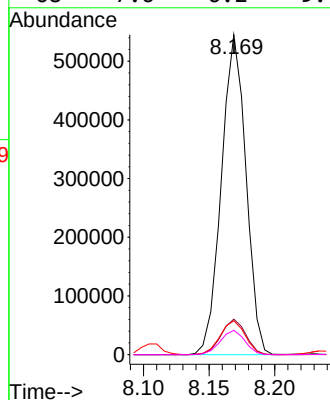
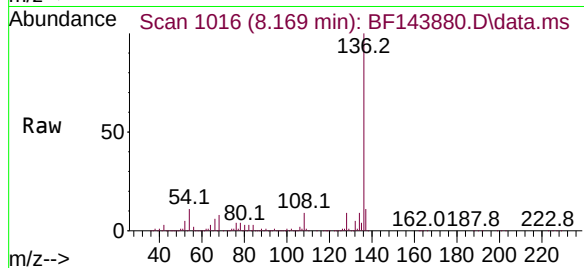
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.6 8.2 12.4

68 7.6 6.2 9.4



#22

Acetophenone

Concen: 44.262 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:105 Resp: 665276

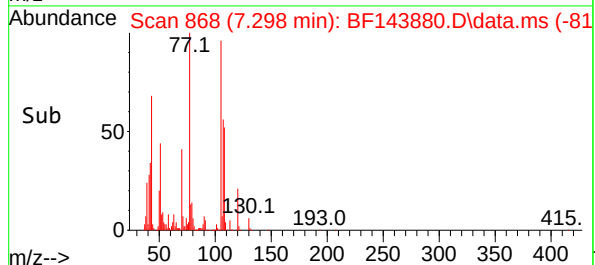
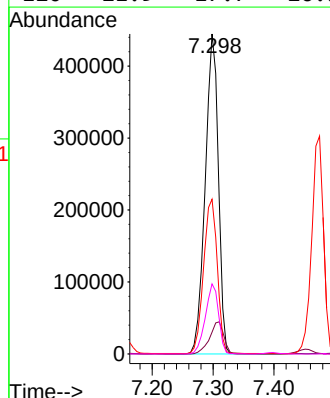
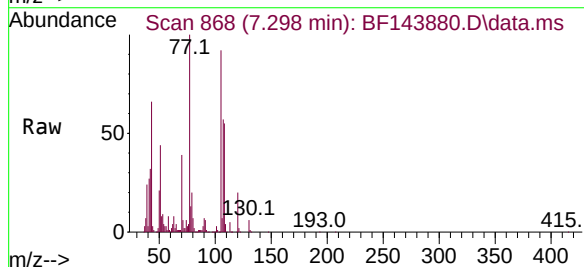
Ion Ratio Lower Upper

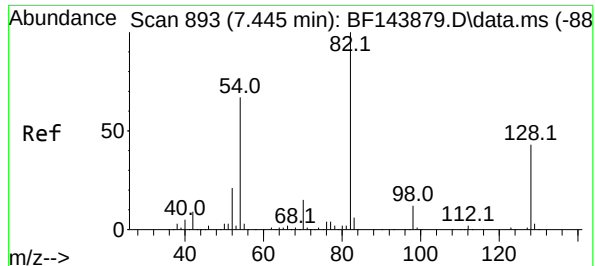
105 100

71 6.8 7.4 11.0#

51 48.3 34.2 51.4

120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 98.174 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

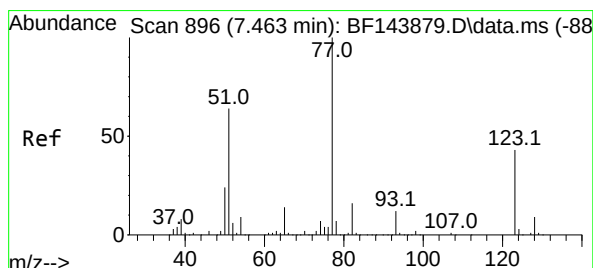
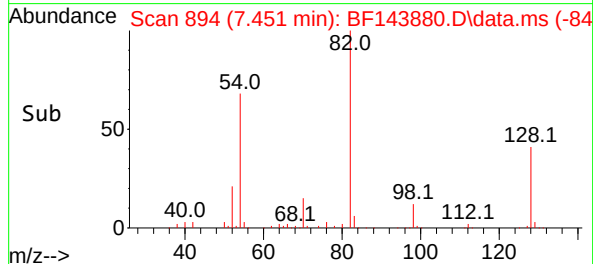
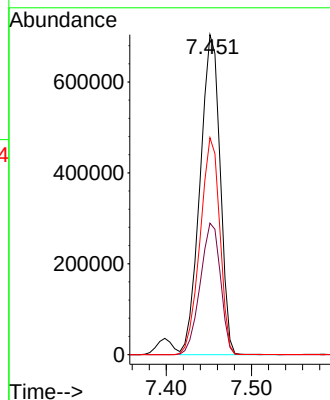
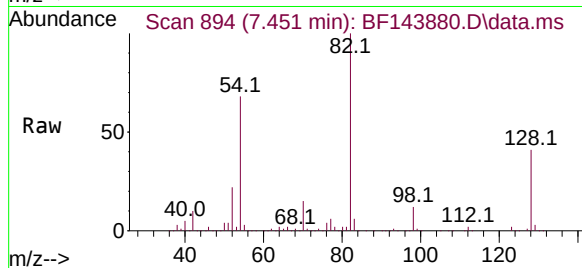
BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1148649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.1  | 34.0  | 51.0  |
| 54  | 67.8  | 53.2  | 79.8  |



#24

Nitrobenzene

Concen: 48.155 ng

RT: 7.475 min Scan# 898

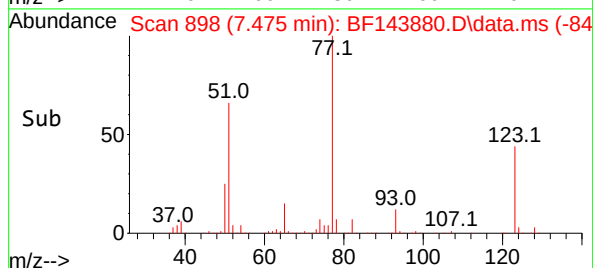
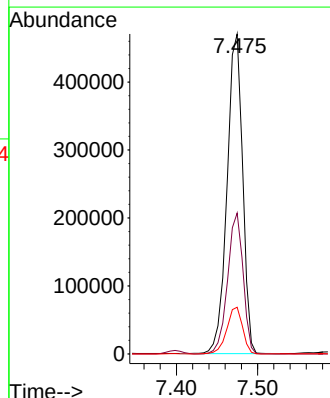
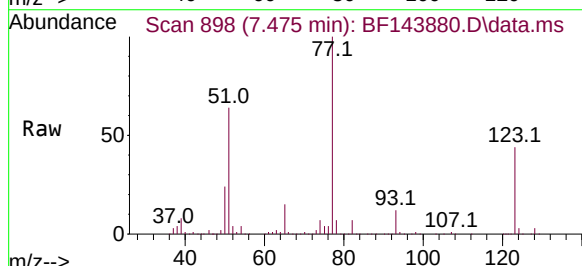
Delta R.T. 0.000 min

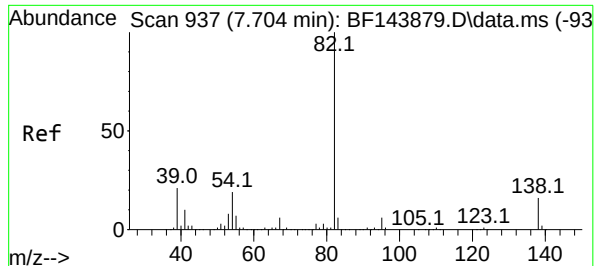
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 77 Resp: 625692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.0  | 34.2  | 51.4  |
| 65  | 14.6  | 11.0  | 16.6  |

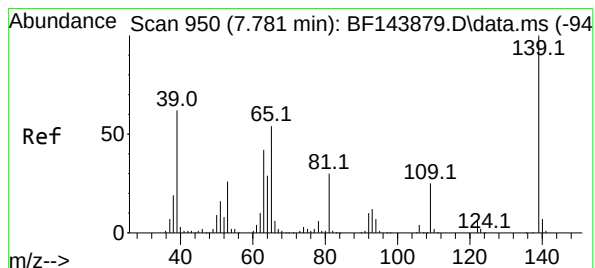
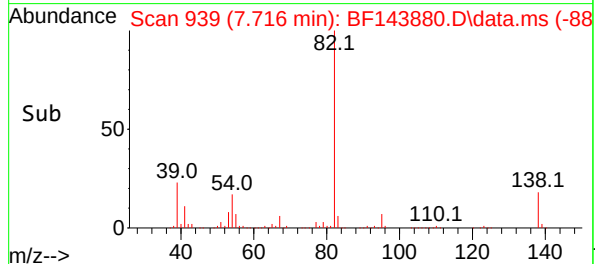
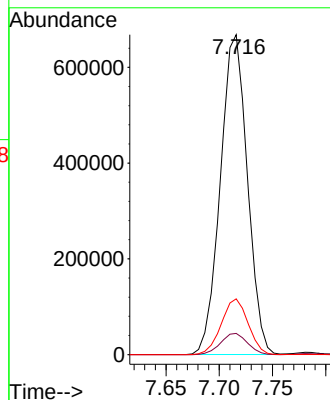
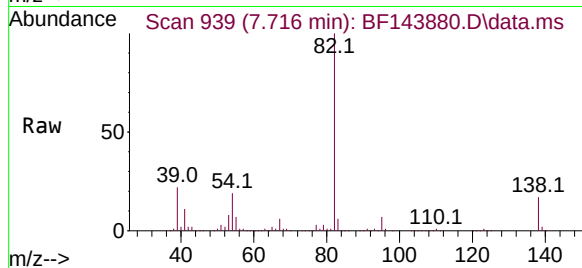




#25  
Isophorone  
Concen: 47.877 ng  
RT: 7.716 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

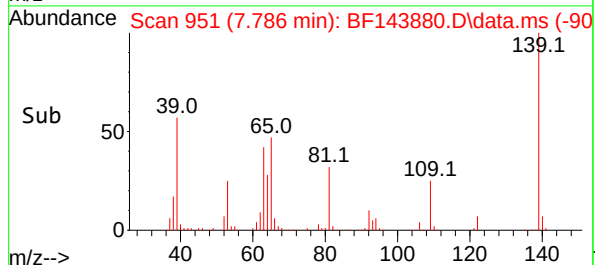
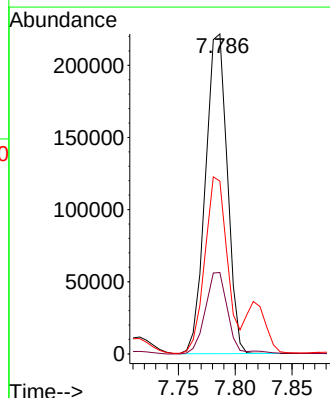
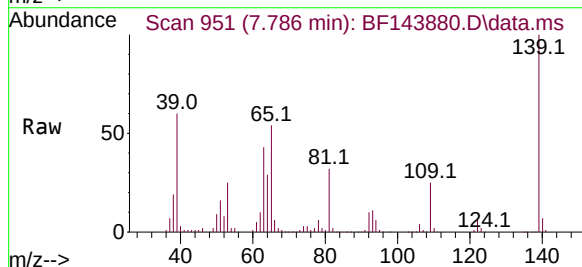
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion: 82 Resp: 1181135  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 17.4 12.9 19.3

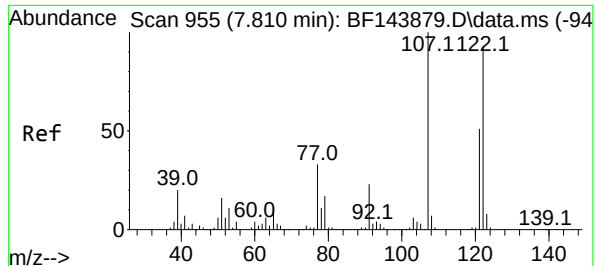


#26  
2-Nitrophenol  
Concen: 53.208 ng  
RT: 7.786 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 139 Resp: 296399  
Ion Ratio Lower Upper  
139 100  
109 25.5 19.8 29.6  
65 54.0 42.9 64.3







#27

2,4-Dimethylphenol

Concen: 47.987 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

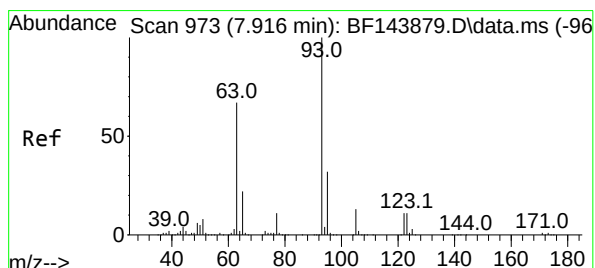
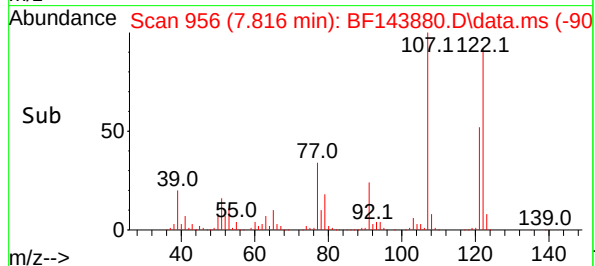
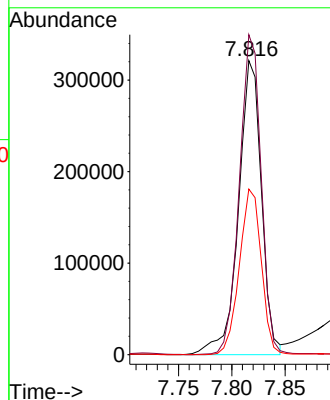
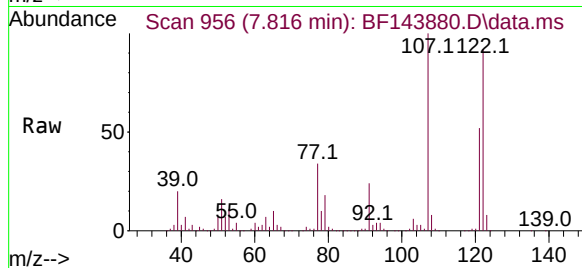
Tgt Ion:122 Resp: 480868

Ion Ratio Lower Upper

122 100

107 108.8 86.1 129.1

121 56.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.333 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

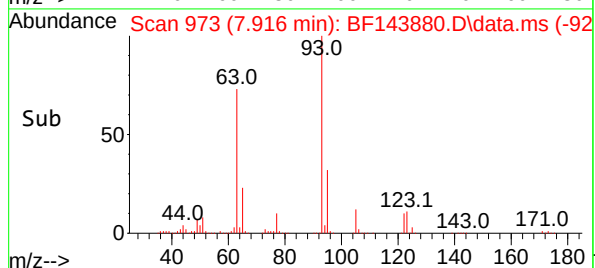
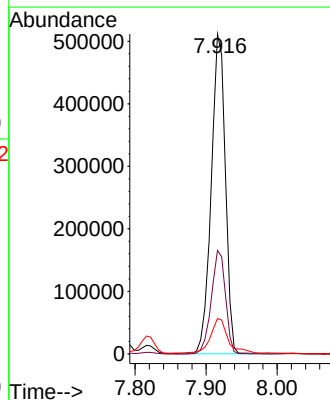
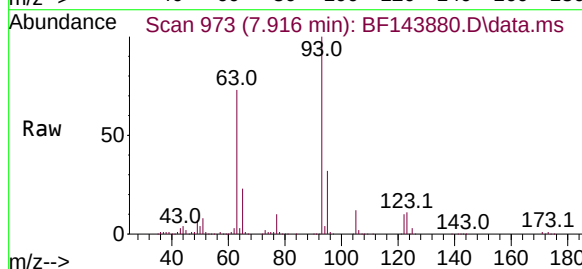
Tgt Ion: 93 Resp: 706471

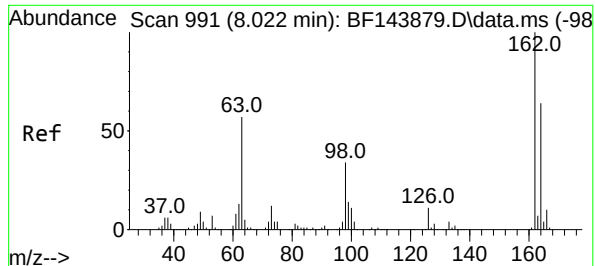
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.642 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

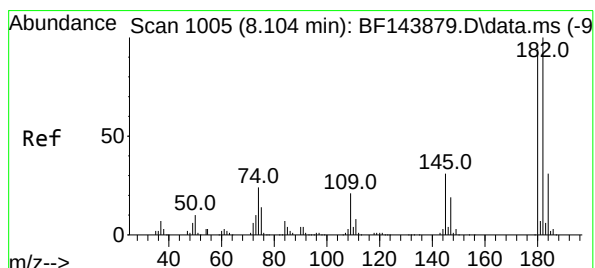
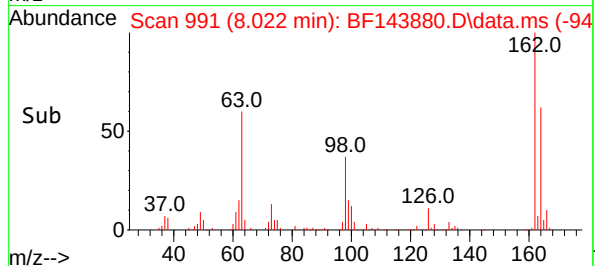
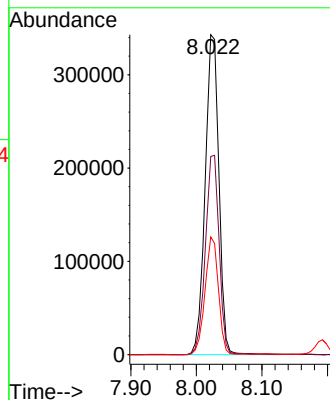
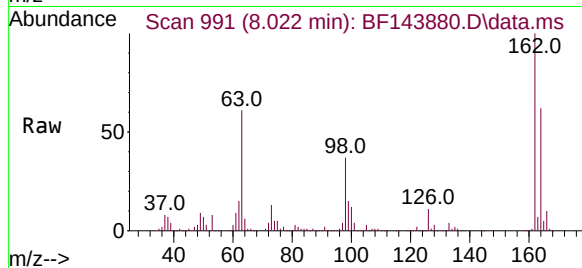
Tgt Ion:162 Resp: 497289

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 36.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.083 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

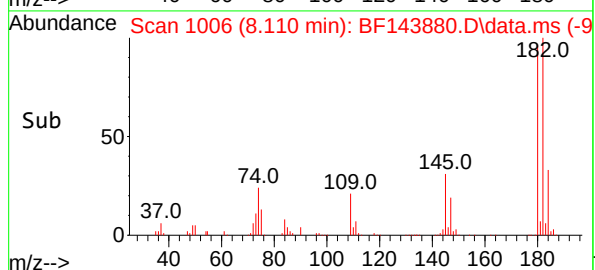
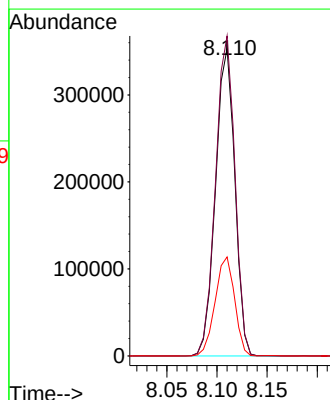
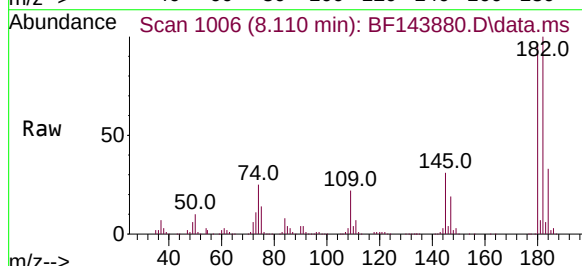
Tgt Ion:180 Resp: 473064

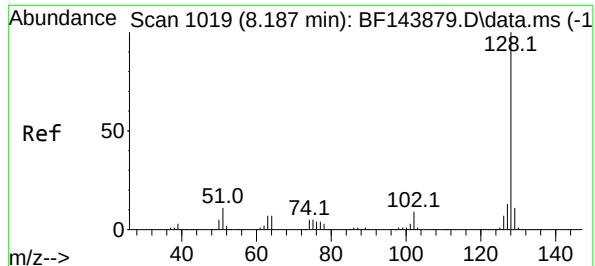
Ion Ratio Lower Upper

180 100

182 104.1 85.4 128.0

145 32.2 26.3 39.5





#31

Naphthalene

Concen: 44.890 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

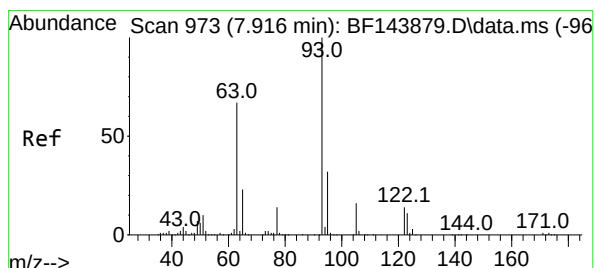
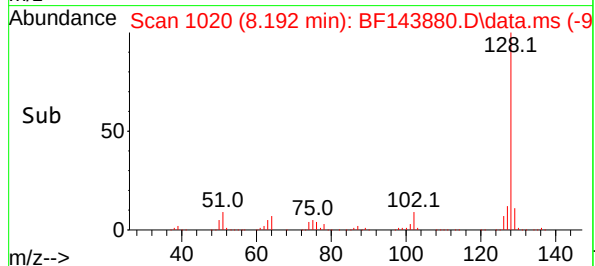
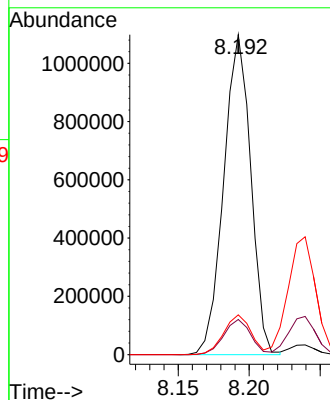
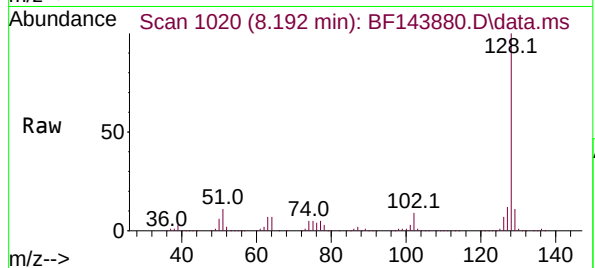
Tgt Ion:128 Resp: 1451547

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.4 10.0 15.0



#32

Benzoic acid

Concen: 55.462 ng

RT: 7.945 min Scan# 978

Delta R.T. -0.018 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

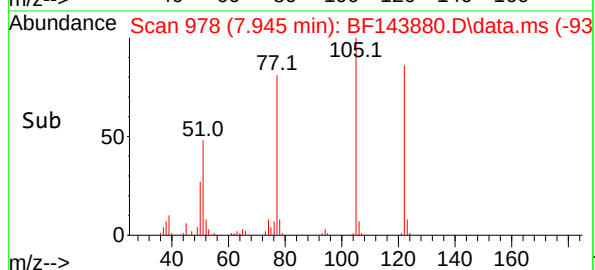
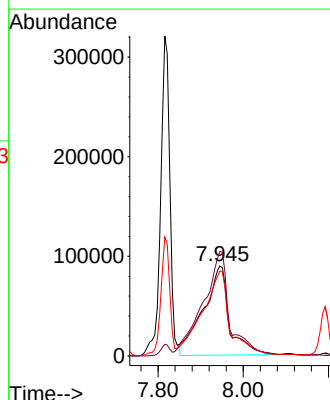
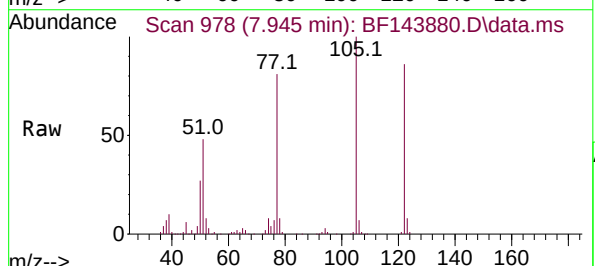
Tgt Ion:122 Resp: 384635

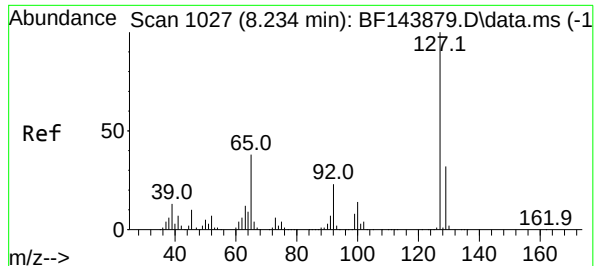
Ion Ratio Lower Upper

122 100

105 116.3 93.5 133.5

77 94.5 76.3 116.3



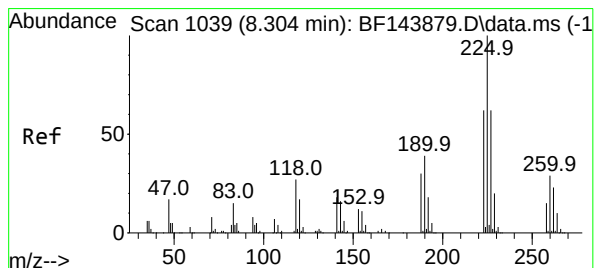
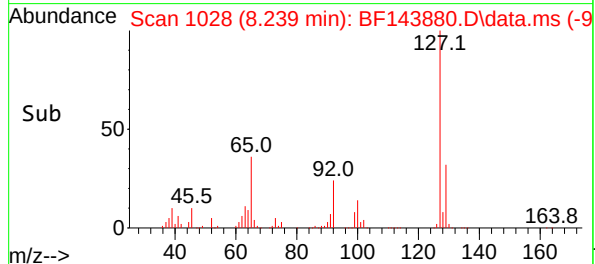
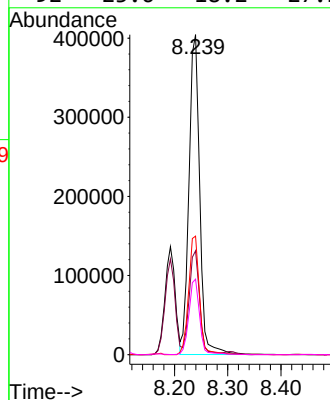
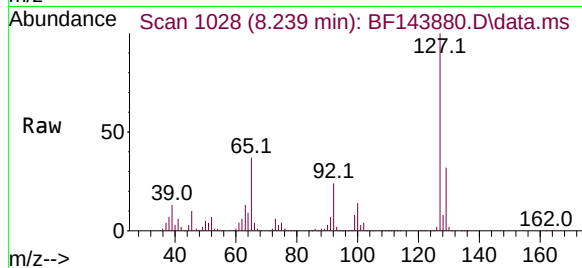


#33  
4-Chloroaniline  
Concen: 46.813 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:127 Resp: 567726

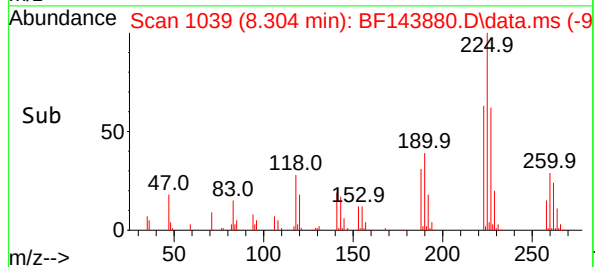
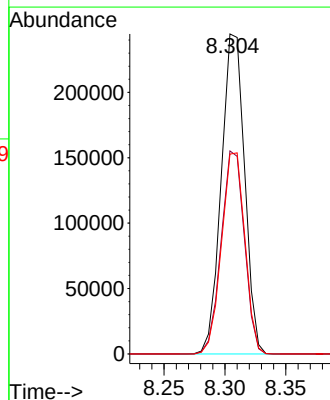
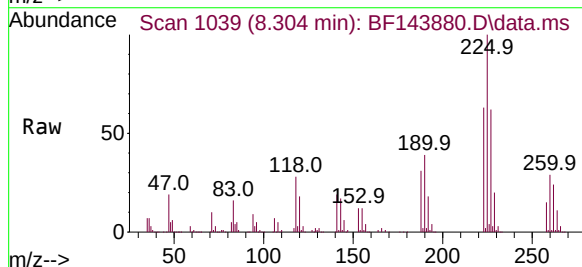
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.5  | 25.8  | 38.8  |
| 65  | 37.0  | 30.0  | 45.0  |
| 92  | 23.6  | 18.2  | 27.2  |

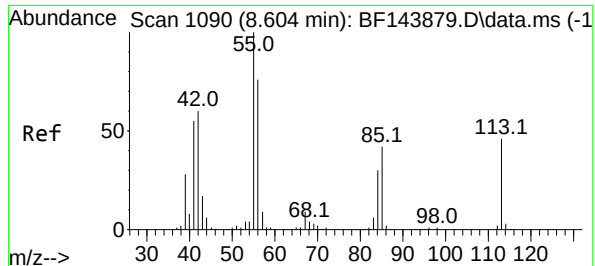


#34  
Hexachlorobutadiene  
Concen: 45.586 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:225 Resp: 325186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.4  | 49.4  | 74.2  |
| 227 | 62.4  | 49.7  | 74.5  |

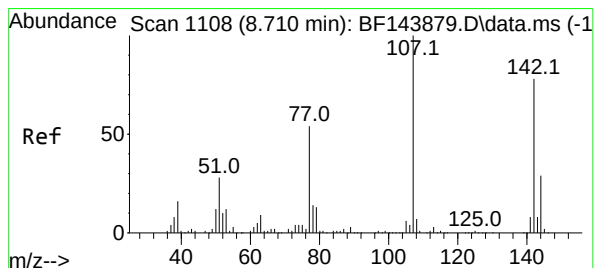
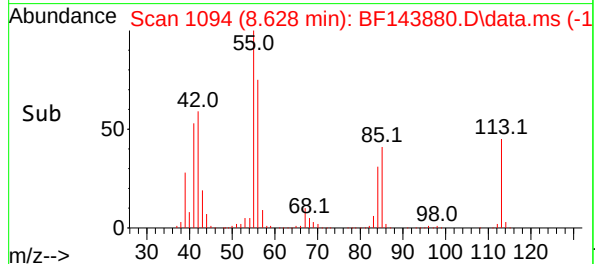
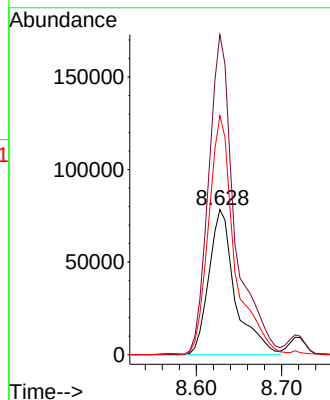
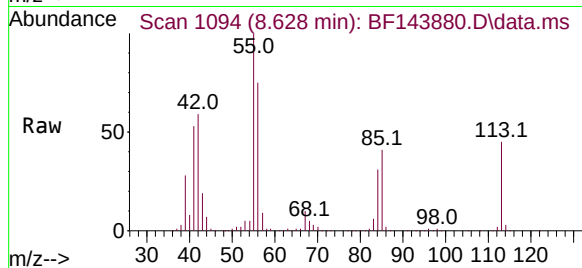




#35  
Caprolactam  
Concen: 50.565 ng  
RT: 8.628 min Scan# 1094  
Delta R.T. -0.018 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

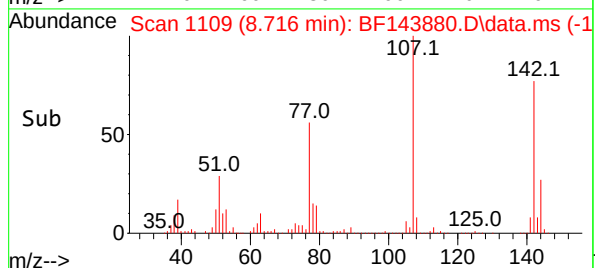
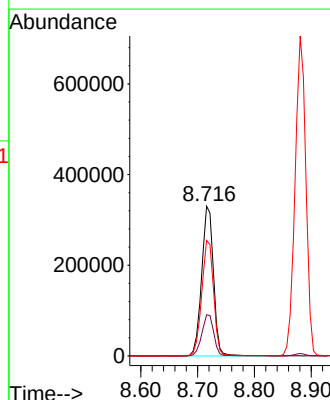
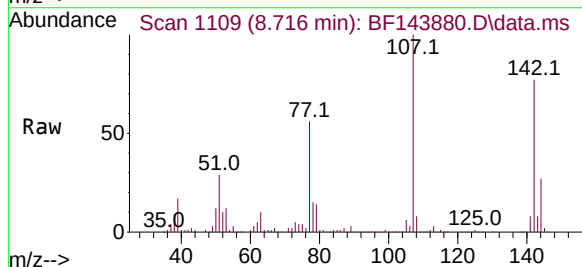
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

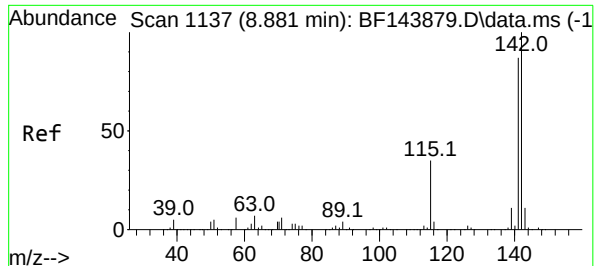
Tgt Ion:113 Resp: 167817  
Ion Ratio Lower Upper  
113 100  
55 220.6 199.6 239.6  
56 164.8 146.0 186.0



#36  
4-Chloro-3-methylphenol  
Concen: 47.612 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 477376  
Ion Ratio Lower Upper  
107 100  
144 27.5 23.1 34.7  
142 77.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 43.453 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

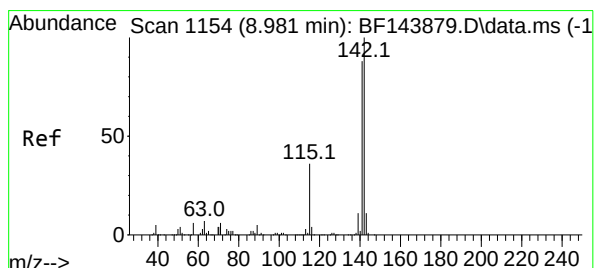
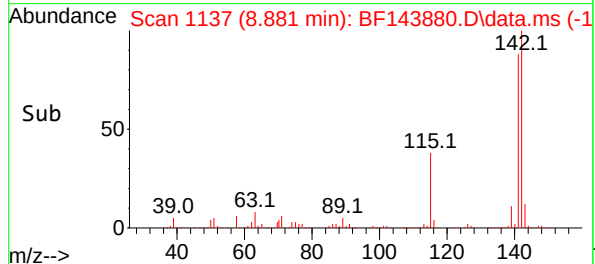
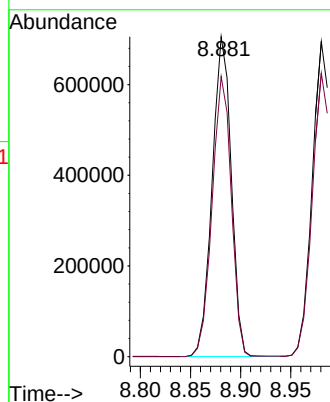
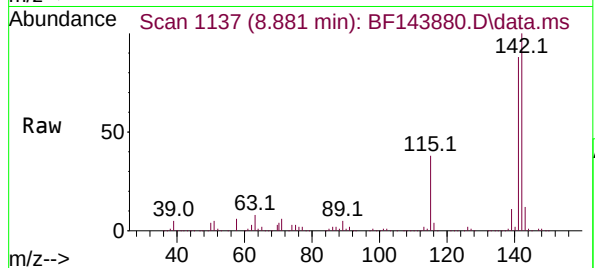
SSTDICC050

Tgt Ion:142 Resp: 935960

Ion Ratio Lower Upper

142 100

141 87.5 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.965 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143880.D

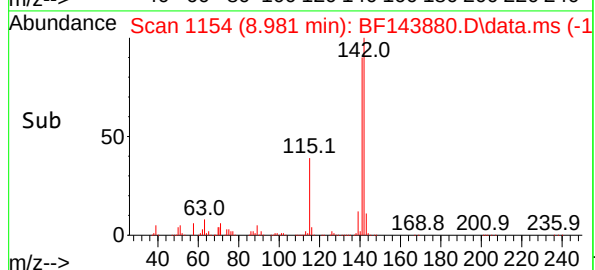
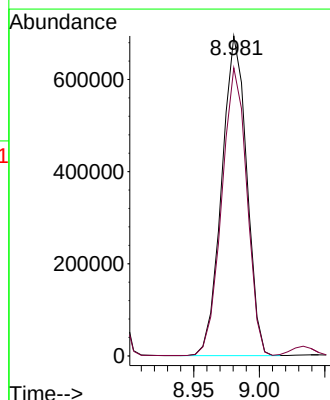
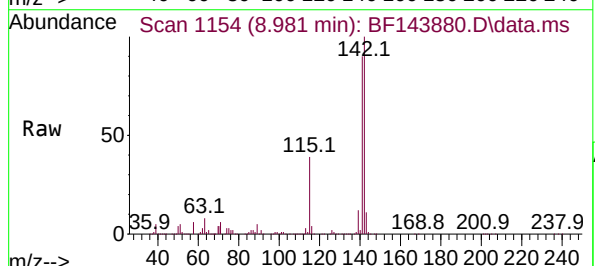
Acq: 06 Oct 2025 13:23

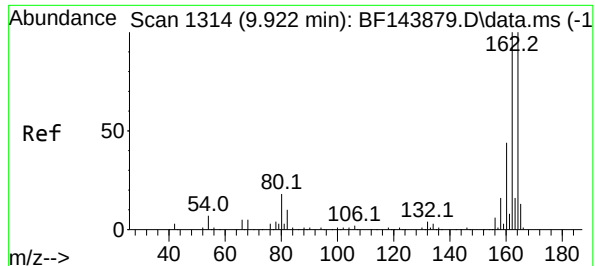
Tgt Ion:142 Resp: 918550

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

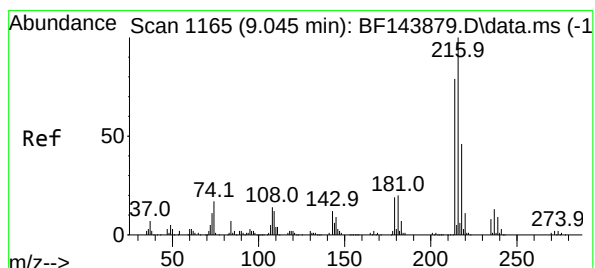
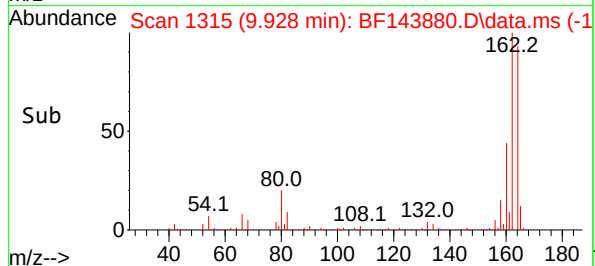
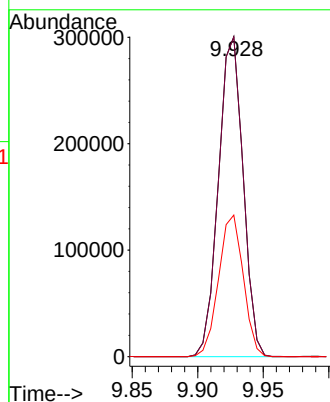
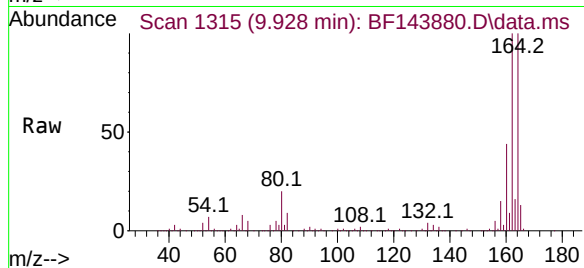
Tgt Ion:164 Resp: 393762

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.187 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:216 Resp: 491771

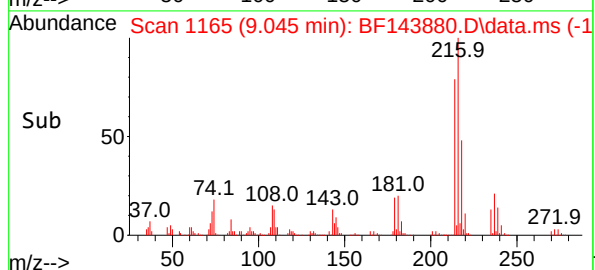
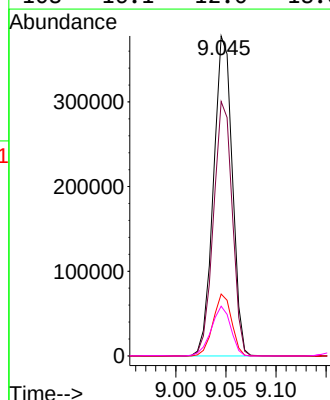
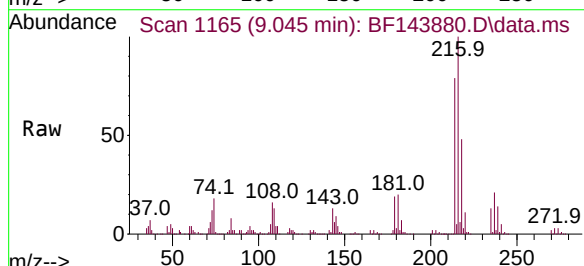
Ion Ratio Lower Upper

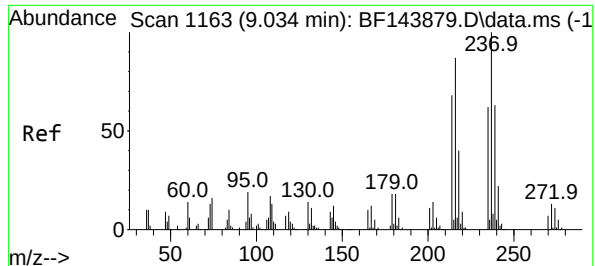
216 100

214 79.2 62.6 94.0

179 19.0 15.4 23.0

108 16.1 12.0 18.0

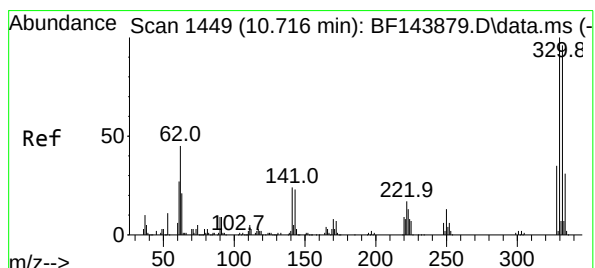
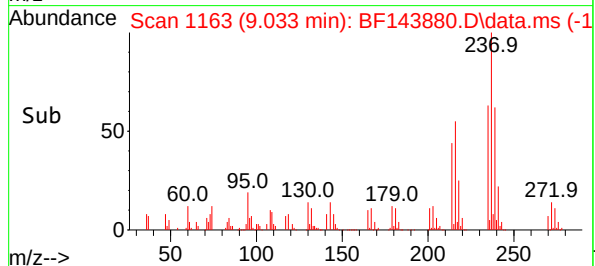
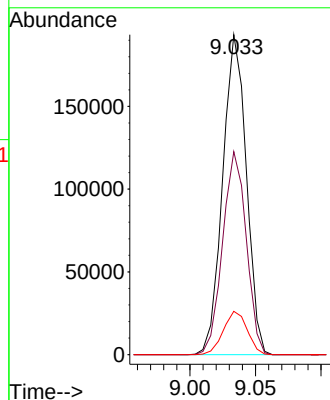
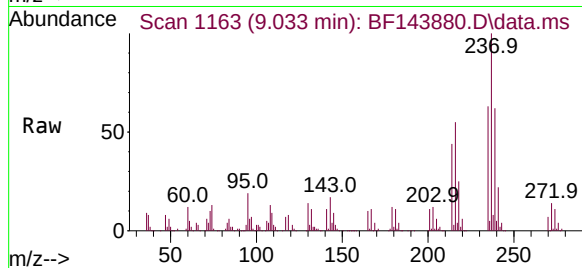




#41  
Hexachlorocyclopentadiene  
Concen: 53.686 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

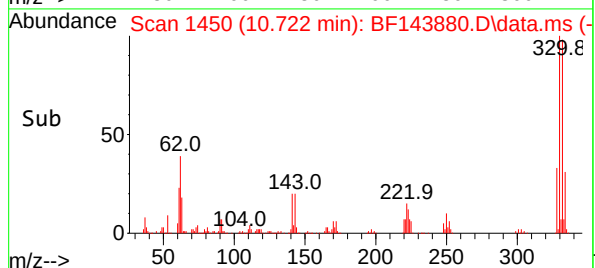
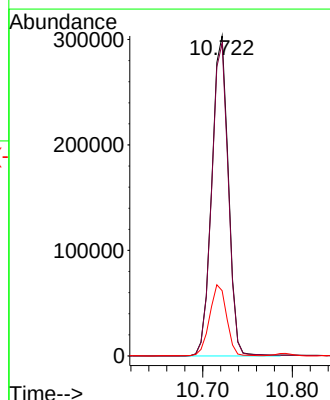
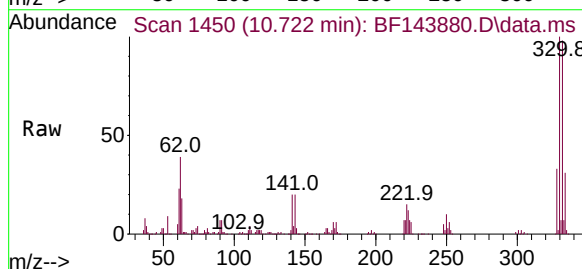
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:237 Resp: 242390  
Ion Ratio Lower Upper  
237 100  
235 63.4 42.3 82.3  
272 13.5 0.0 33.1

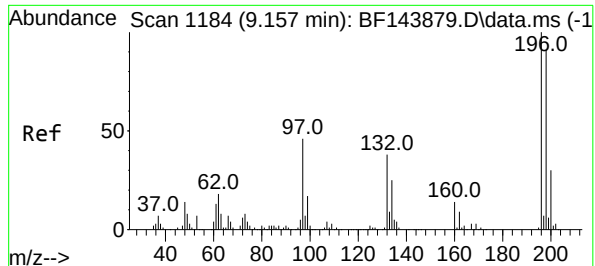


#42  
2,4,6-Tribromophenol  
Concen: 99.608 ng  
RT: 10.722 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:330 Resp: 390657  
Ion Ratio Lower Upper  
330 100  
332 98.3 76.9 115.3  
141 22.6 20.2 30.4







#43

2,4,6-Trichlorophenol

Concen: 47.410 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143880.D

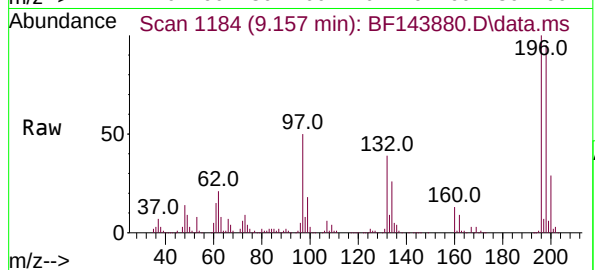
Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



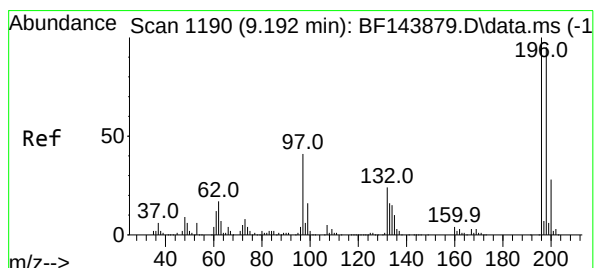
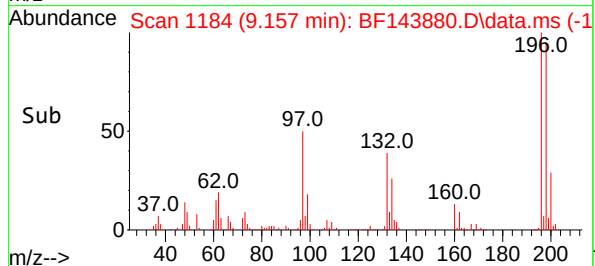
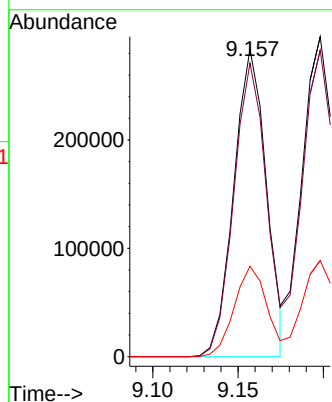
Tgt Ion:196 Resp: 376991

Ion Ratio Lower Upper

196 100

198 95.4 72.8 109.2

200 29.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.031 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:196 Resp: 395213

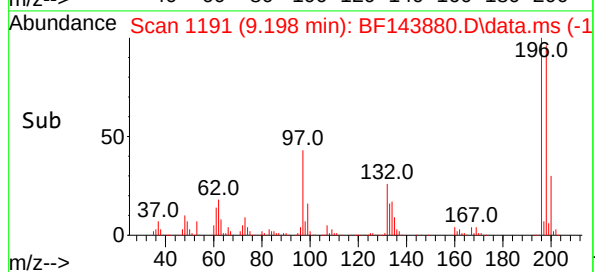
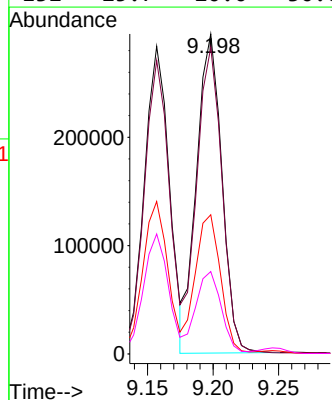
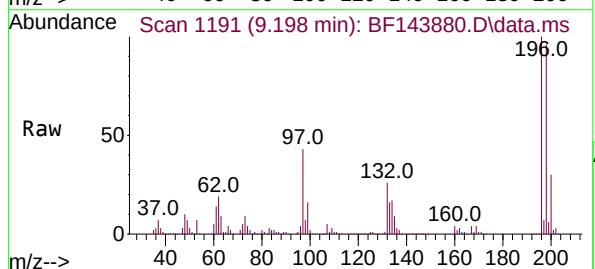
Ion Ratio Lower Upper

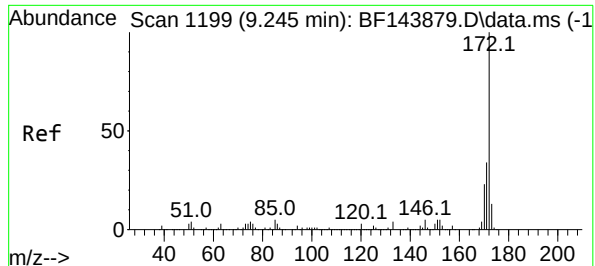
196 100

198 95.8 75.5 113.3

97 43.5 33.9 50.9

132 25.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 78.050 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

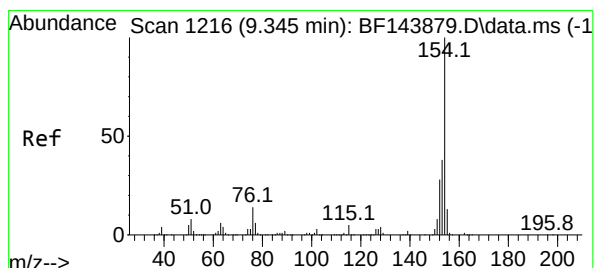
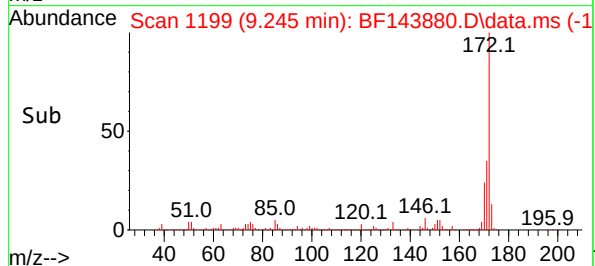
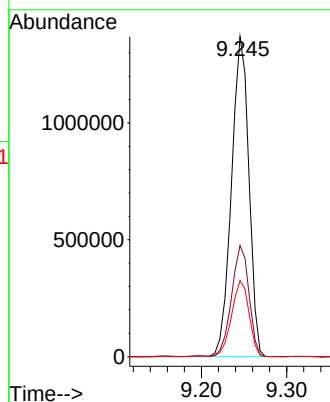
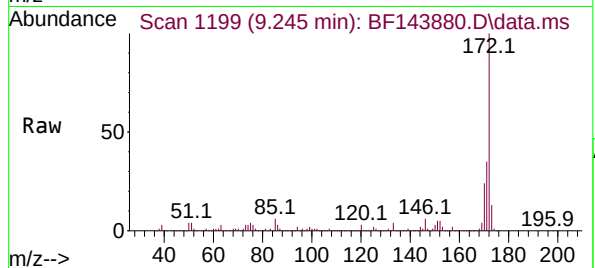
Tgt Ion:172 Resp: 1936883

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.837 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

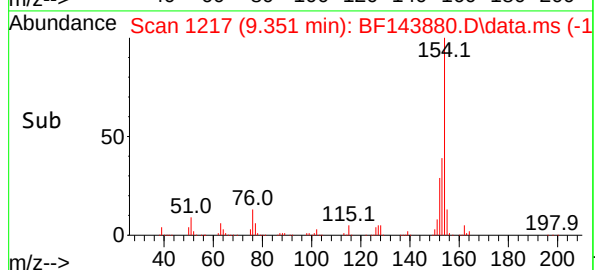
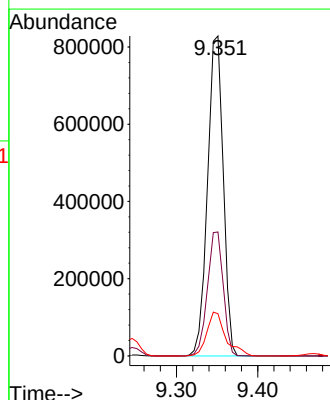
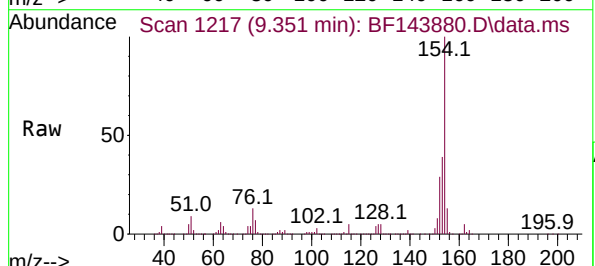
Tgt Ion:154 Resp: 1116775

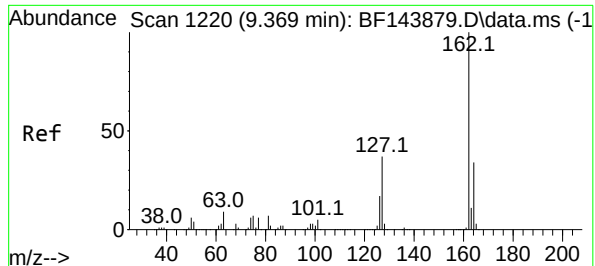
Ion Ratio Lower Upper

154 100

153 38.7 18.4 58.4

76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.748 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

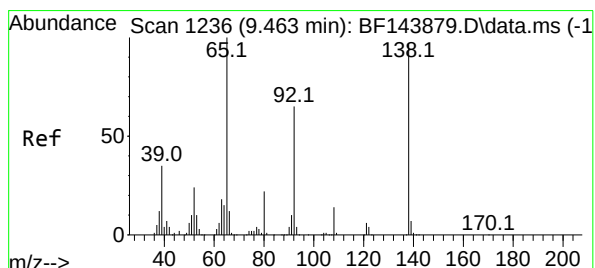
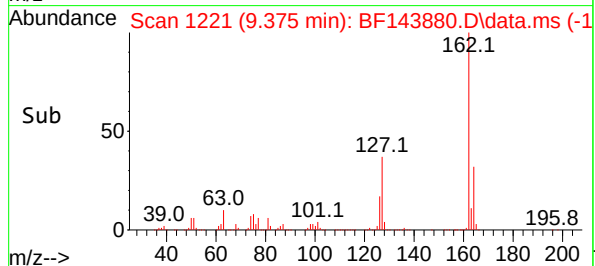
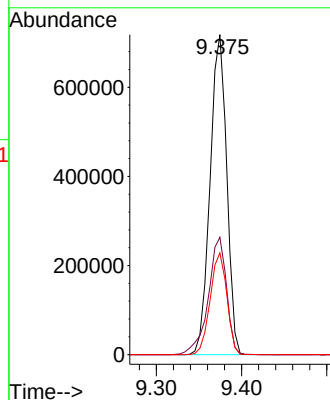
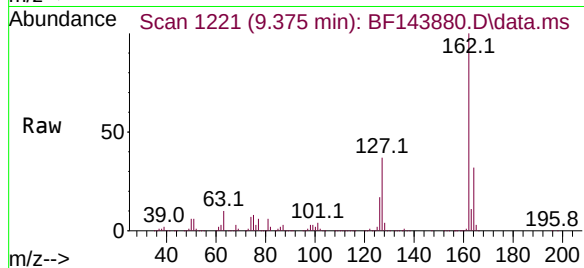
Tgt Ion:162 Resp: 972675

Ion Ratio Lower Upper

162 100

127 36.7 30.2 45.2

164 31.8 26.9 40.3



#48

2-Nitroaniline

Concen: 50.665 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

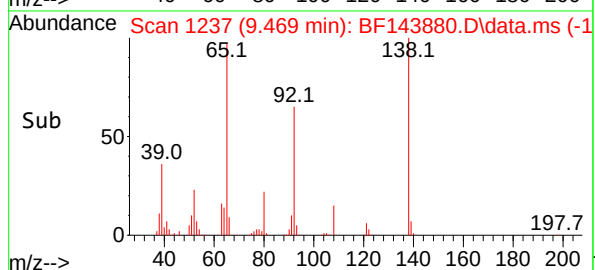
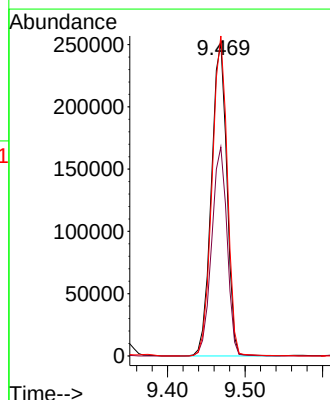
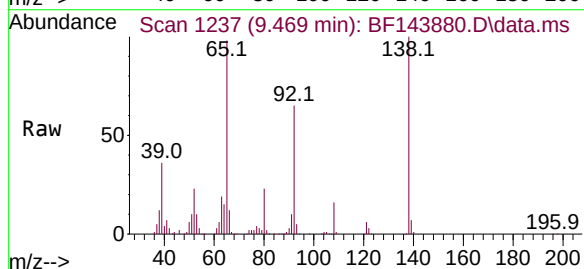
Tgt Ion: 65 Resp: 348179

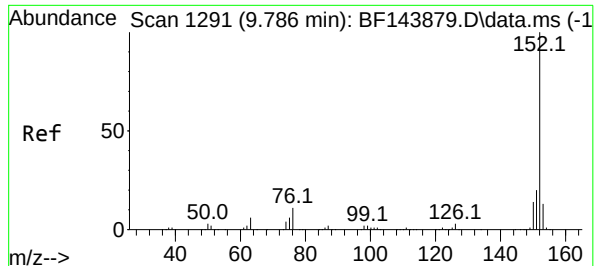
Ion Ratio Lower Upper

65 100

92 66.8 52.1 78.1

138 102.3 77.4 116.2





#49

Acenaphthylene

Concen: 44.642 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

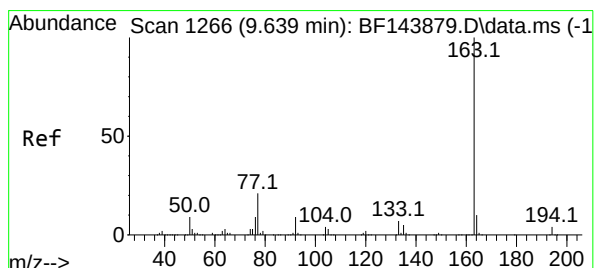
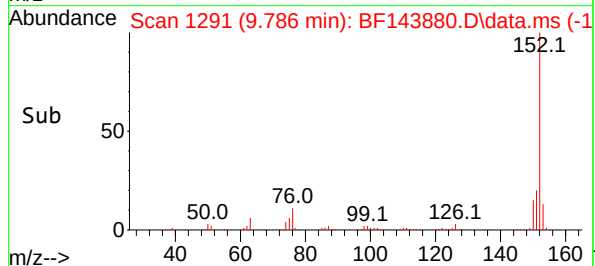
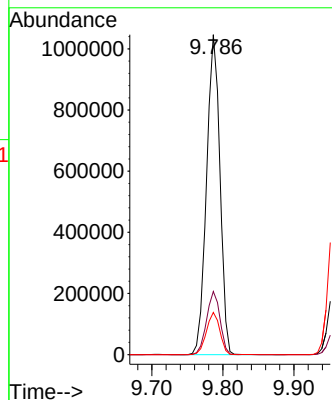
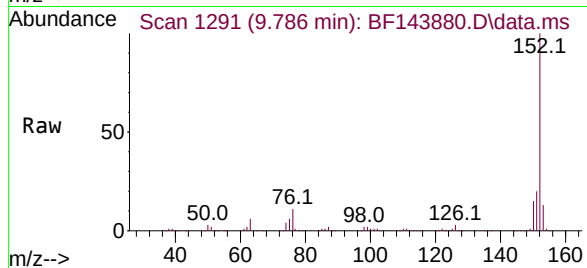
Tgt Ion:152 Resp: 1364193

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 45.888 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

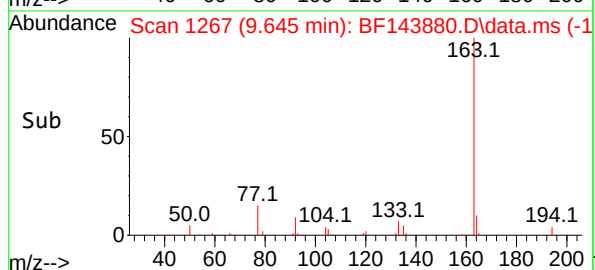
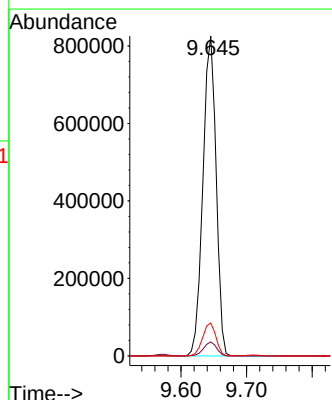
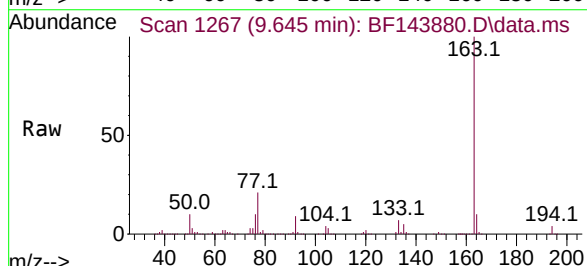
Tgt Ion:163 Resp: 1147448

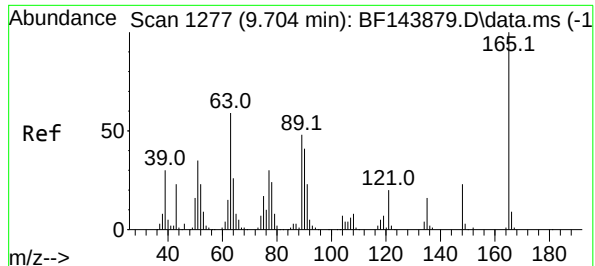
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

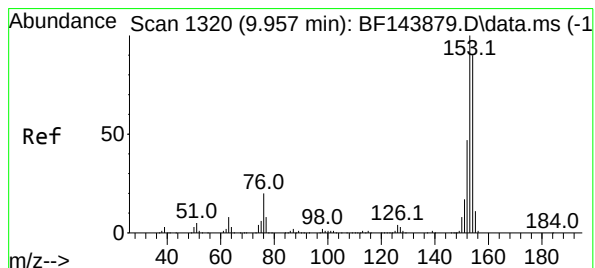
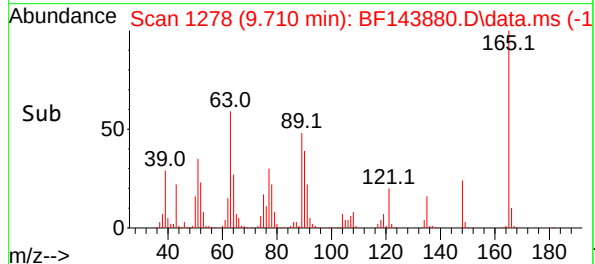
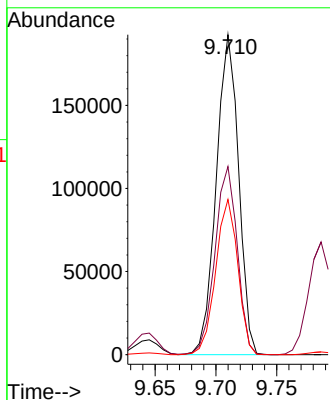
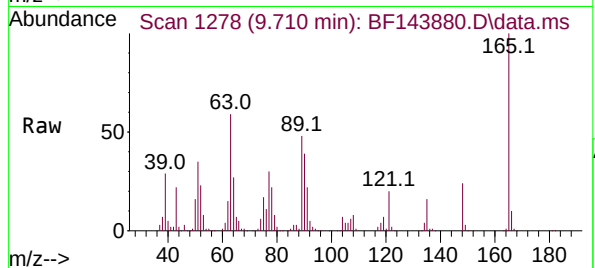




#51  
2,6-Dinitrotoluene  
Concen: 53.176 ng  
RT: 9.710 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

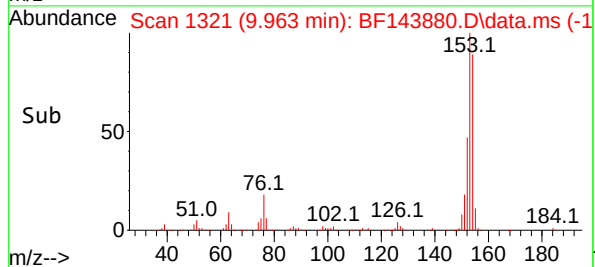
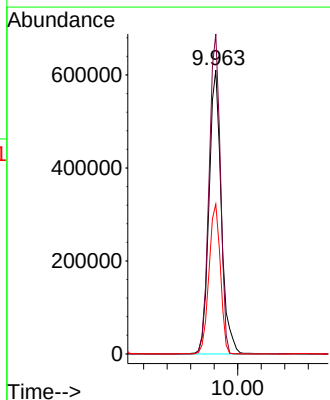
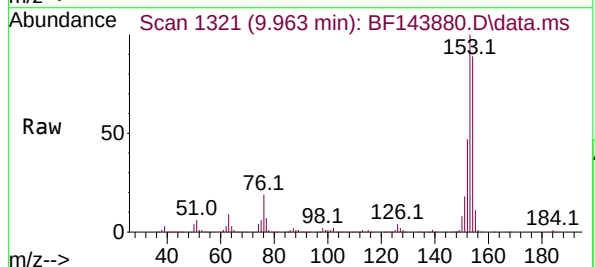
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

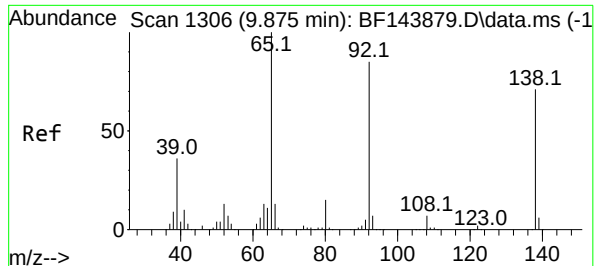
Tgt Ion:165 Resp: 246567  
Ion Ratio Lower Upper  
165 100  
63 58.8 47.3 70.9  
89 48.5 38.2 57.4



#52  
Acenaphthene  
Concen: 44.122 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:154 Resp: 883487  
Ion Ratio Lower Upper  
154 100  
153 112.8 89.3 133.9  
152 52.7 42.2 63.2

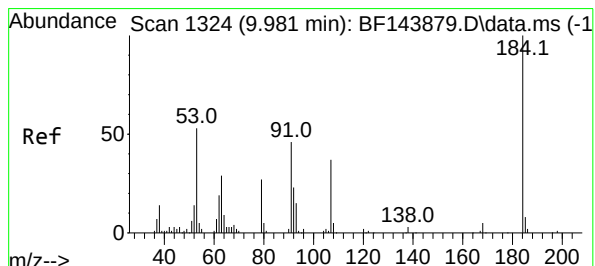
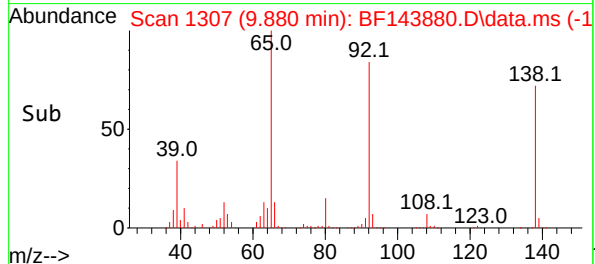
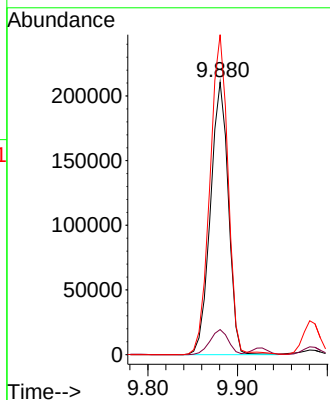
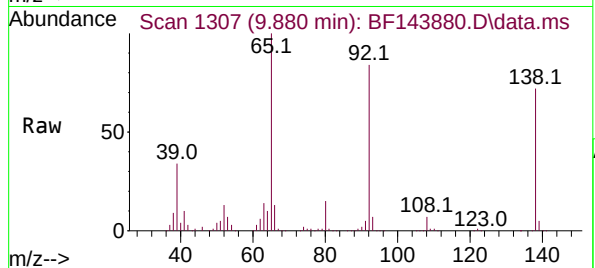




#53  
3-Nitroaniline  
Concen: 51.366 ng  
RT: 9.880 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

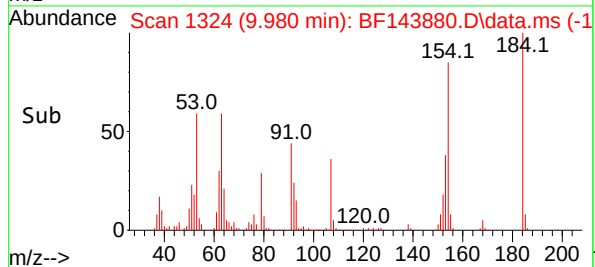
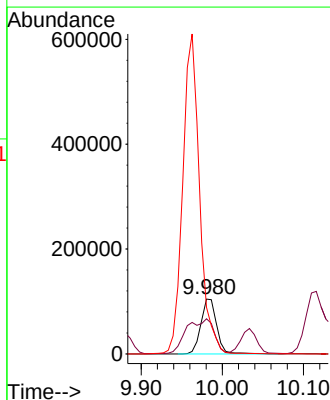
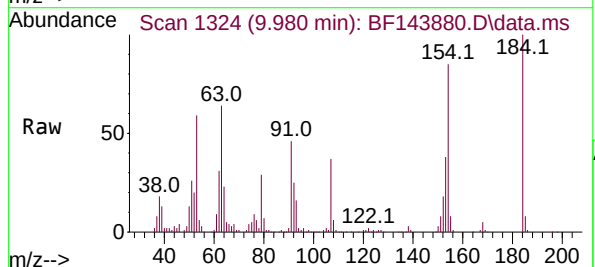
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

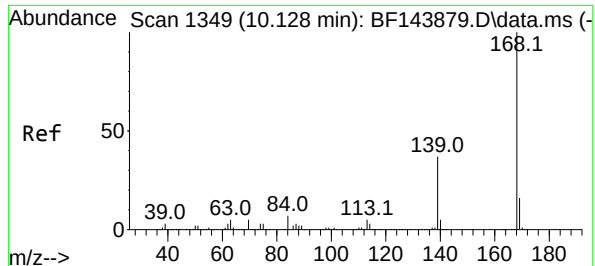
Tgt Ion:138 Resp: 291630  
Ion Ratio Lower Upper  
138 100  
108 9.2 8.3 12.5  
92 117.5 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 51.801 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:184 Resp: 140496  
Ion Ratio Lower Upper  
184 100  
63 64.1 48.2 72.4  
154 84.8 49.2 73.8





#55

Dibenzenofuran

Concen: 43.625 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

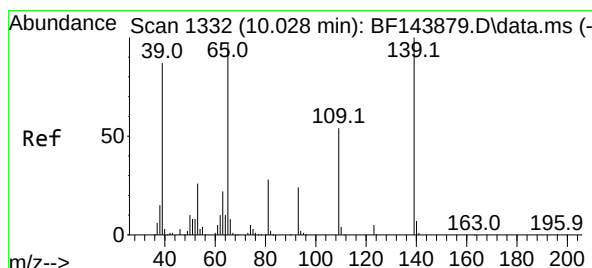
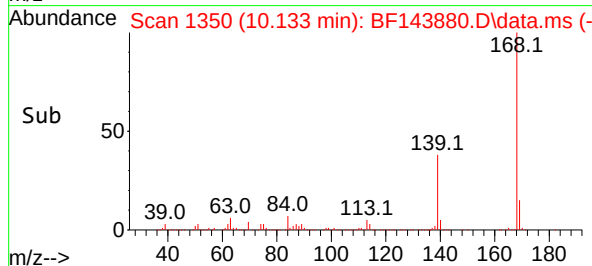
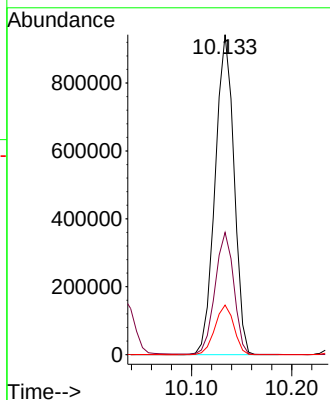
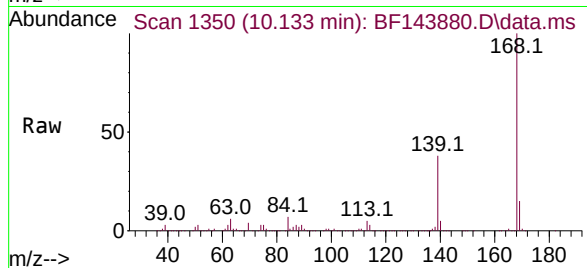
Tgt Ion:168 Resp: 1233091

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.8

169 15.5 12.8 19.2



#56

4-Nitrophenol

Concen: 52.750 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

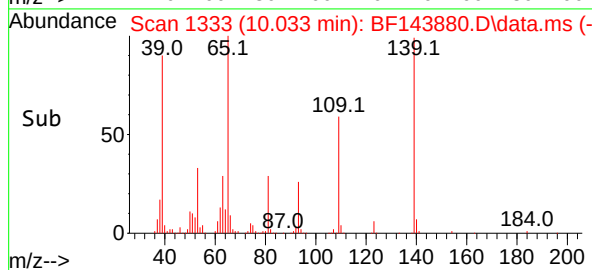
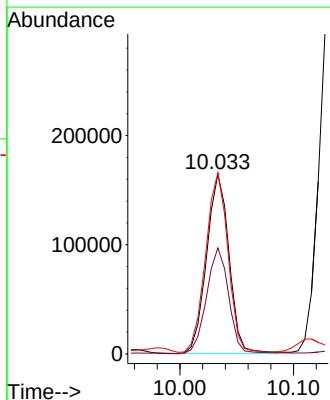
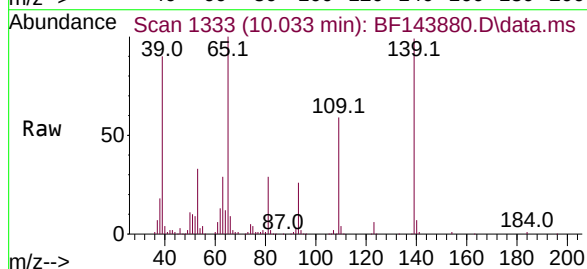
Tgt Ion:139 Resp: 226765

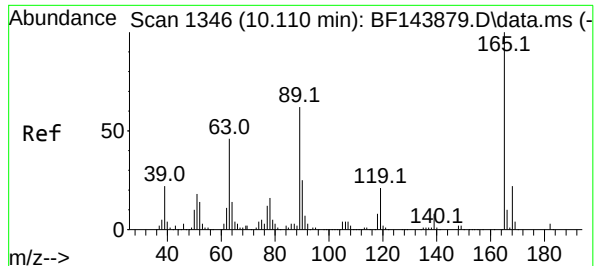
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 100.7 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 52.304 ng

RT: 10.116 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 329984

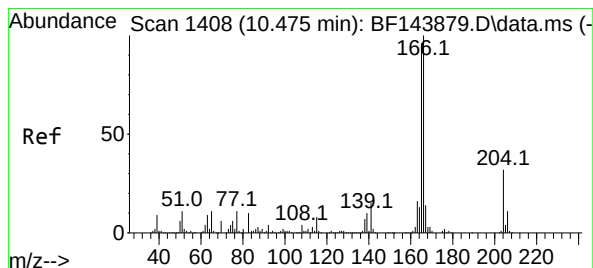
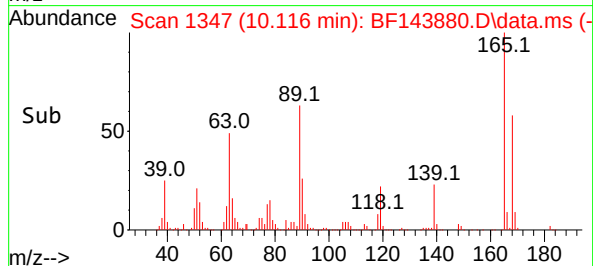
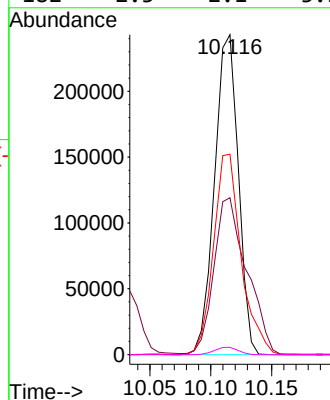
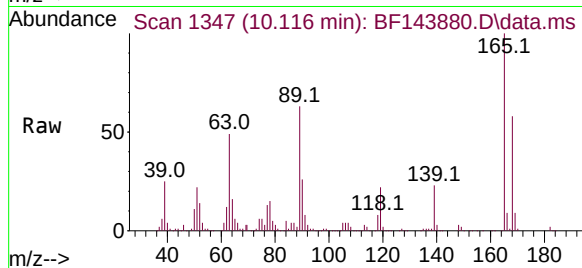
Ion Ratio Lower Upper

165 100

63 49.0 37.2 55.8

89 62.6 49.4 74.2

182 2.3 2.1 3.1



#58

Fluorene

Concen: 41.398 ng

RT: 10.480 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

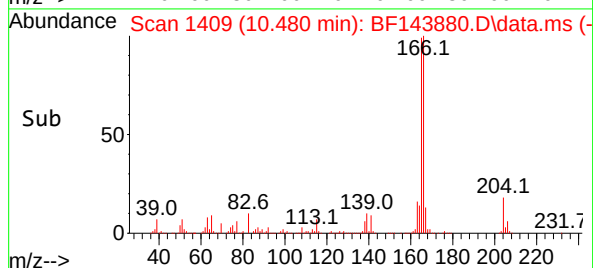
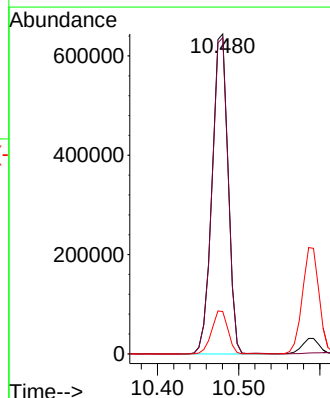
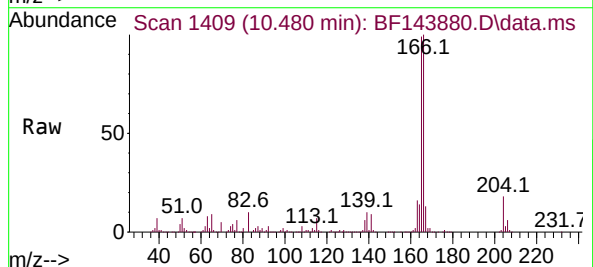
Tgt Ion:166 Resp: 882946

Ion Ratio Lower Upper

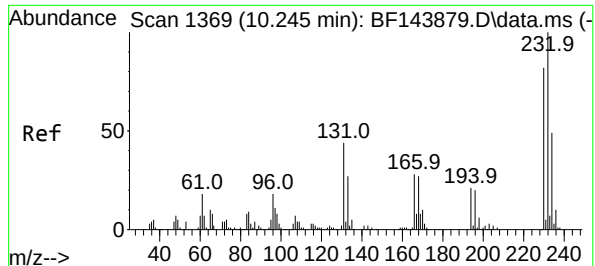
166 100

165 98.8 77.0 115.6

167 13.2 11.1 16.7



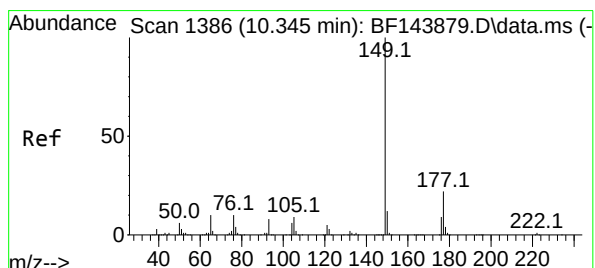
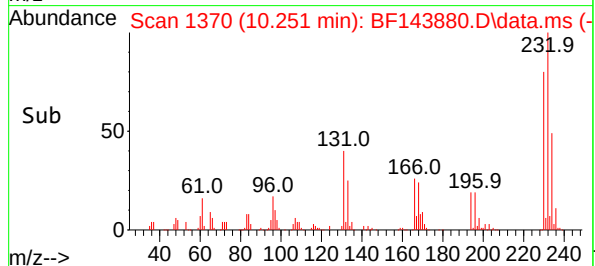
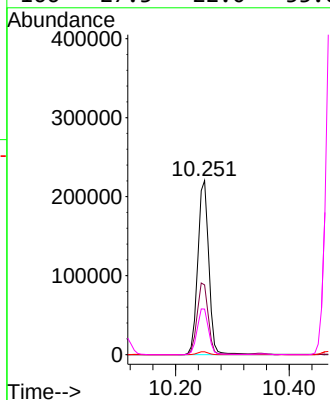
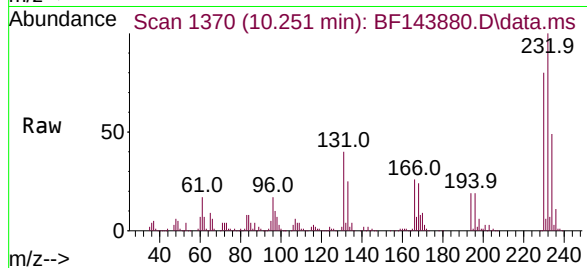




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.591 ng  
RT: 10.251 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

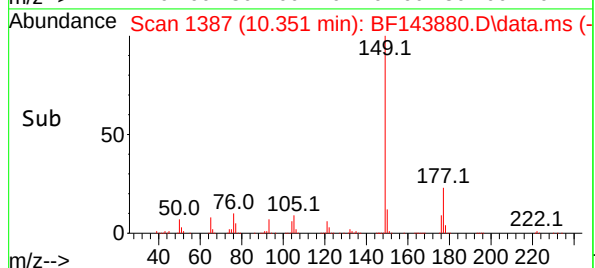
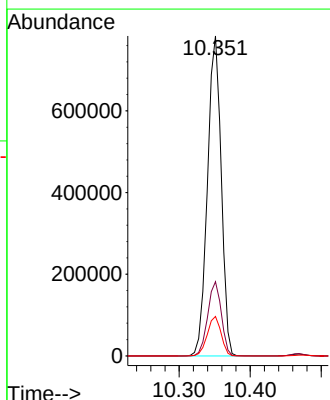
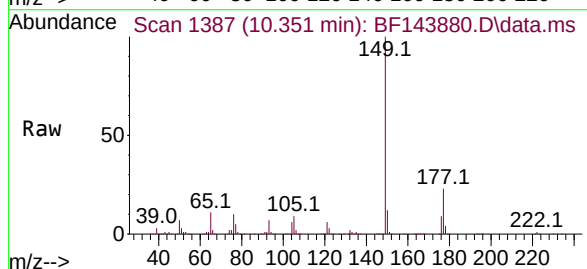
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

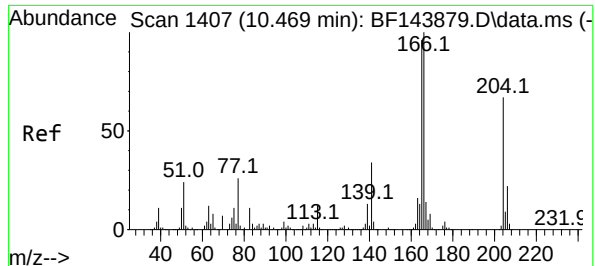
Tgt Ion:232 Resp: 294987  
Ion Ratio Lower Upper  
232 100  
131 41.7 34.9 52.3  
130 1.6 1.6 2.4#  
166 27.3 22.0 33.0



#60  
Diethylphthalate  
Concen: 45.330 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1053032  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.9 26.9  
150 12.3 9.8 14.8

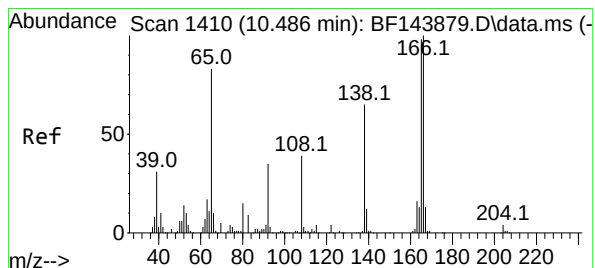
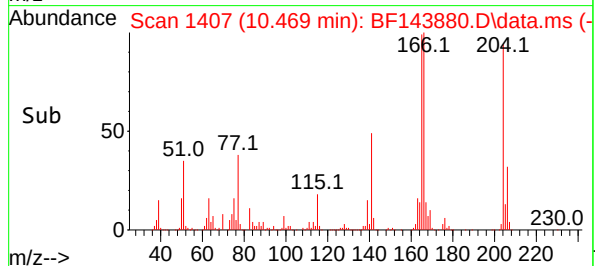
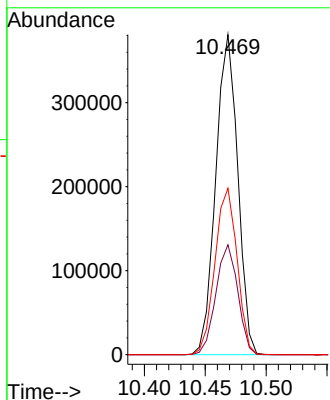
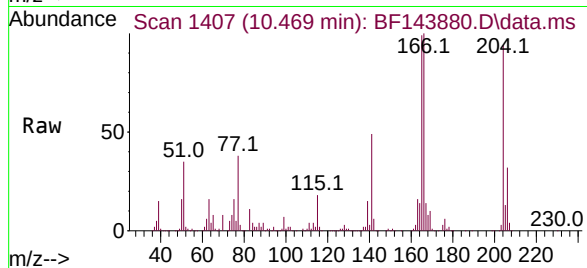




#61  
4-Chlorophenyl-phenylether  
Concen: 42.311 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

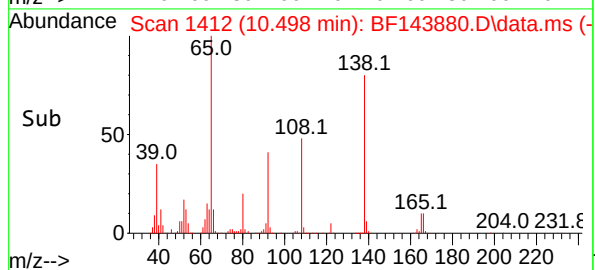
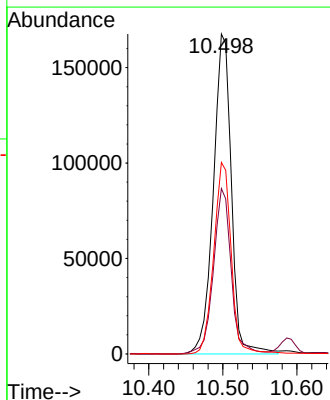
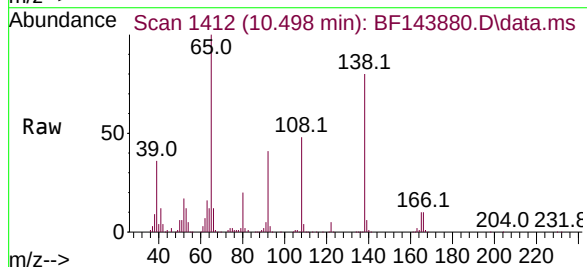
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

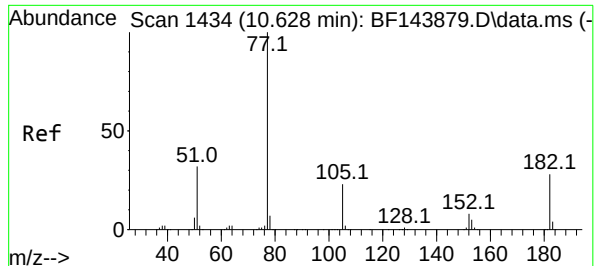
Tgt Ion:204 Resp: 477108  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.6 40.0  
141 52.0 40.4 60.6



#62  
4-Nitroaniline  
Concen: 51.782 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.012 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:138 Resp: 282713  
Ion Ratio Lower Upper  
138 100  
92 51.7 33.9 73.9  
108 59.8 40.2 80.2

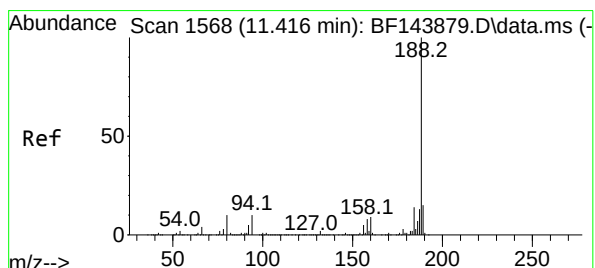
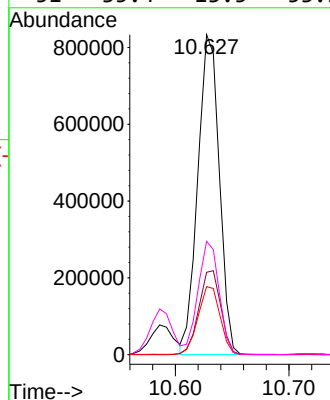
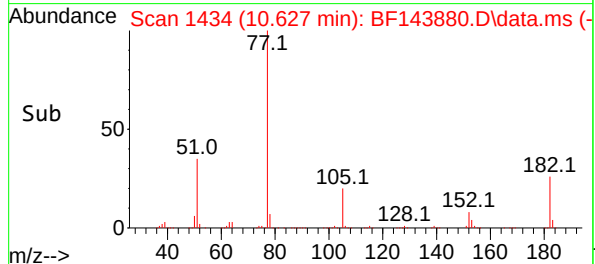
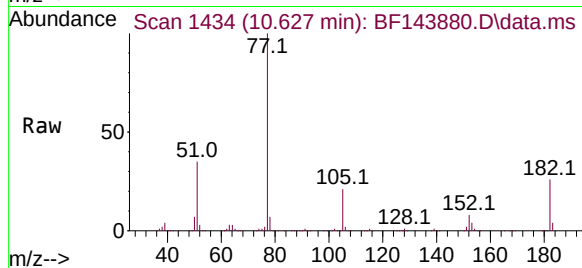




#63  
Azobenzene  
Concen: 45.178 ng  
RT: 10.627 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

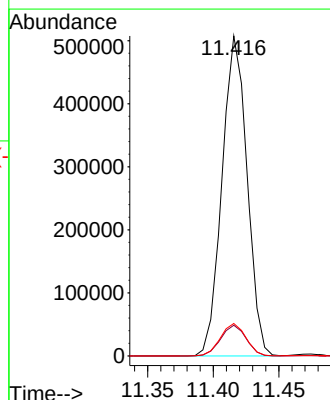
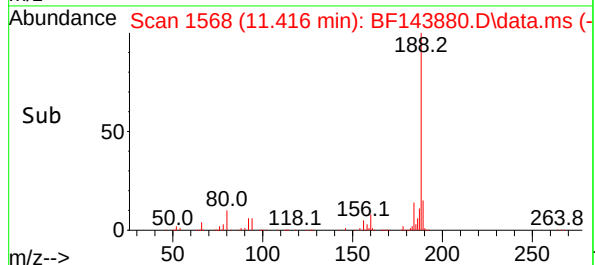
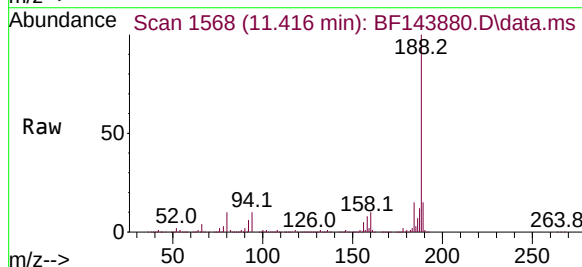
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

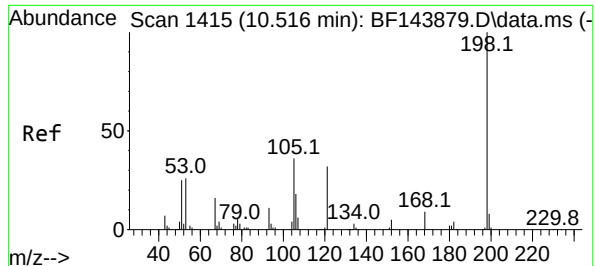
Tgt Ion: 77 Resp: 1096875  
Ion Ratio Lower Upper  
77 100  
182 25.7 7.3 47.3  
105 21.2 3.0 43.0  
51 35.4 13.5 53.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:188 Resp: 674807  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.8 11.6  
80 10.1 7.9 11.9

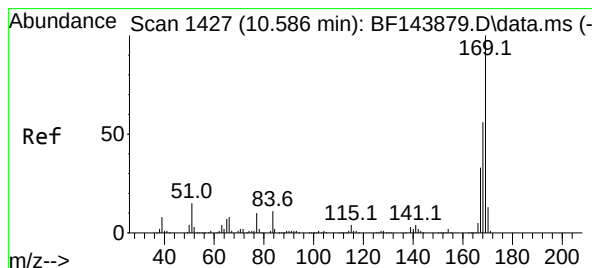
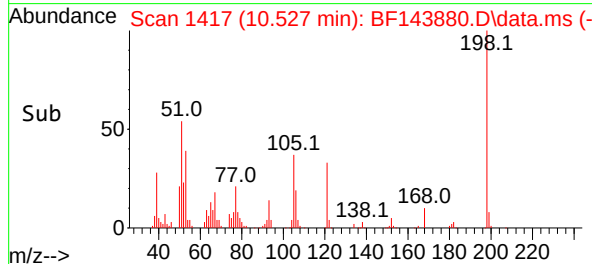
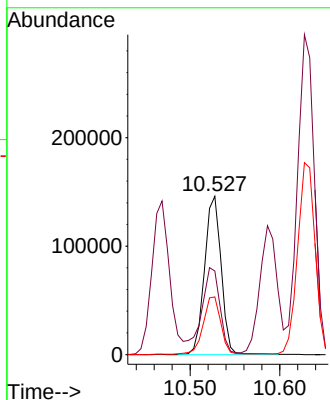
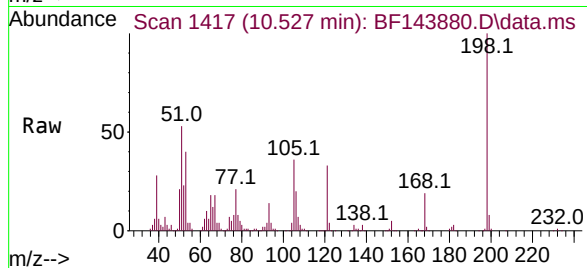




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.558 ng  
RT: 10.527 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

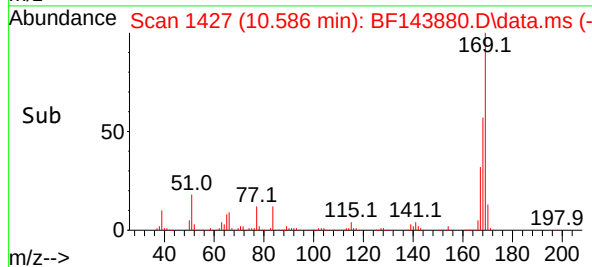
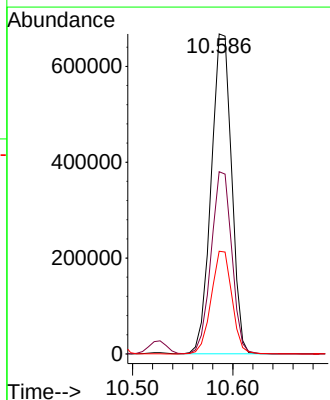
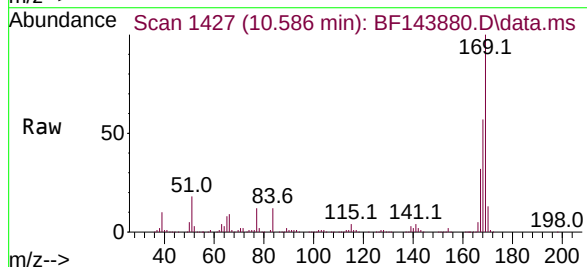
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

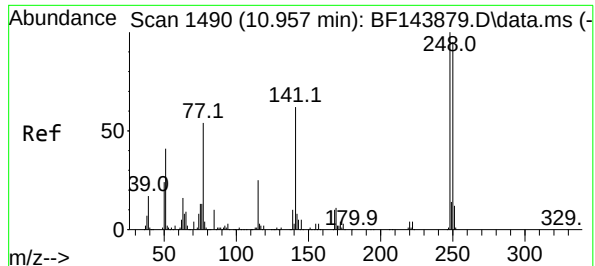
Tgt Ion:198 Resp: 188400  
Ion Ratio Lower Upper  
198 100  
51 52.8 33.8 73.8  
105 36.4 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 44.552 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:169 Resp: 943991  
Ion Ratio Lower Upper  
169 100  
168 56.9 44.9 67.3  
167 32.1 26.3 39.5

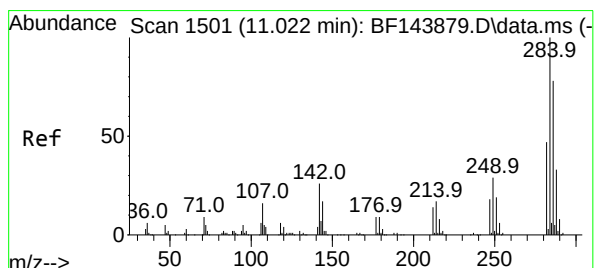
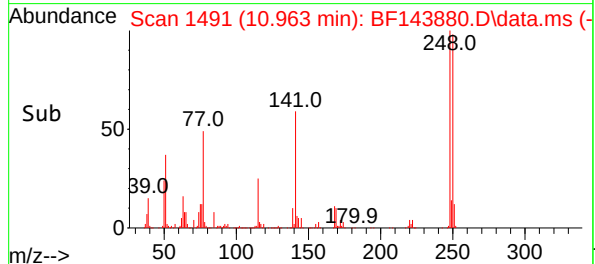
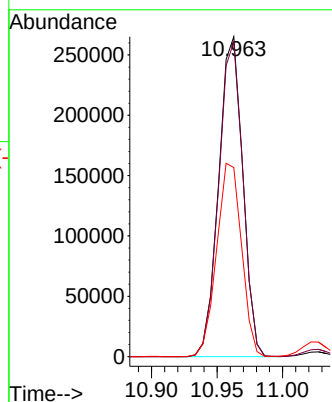
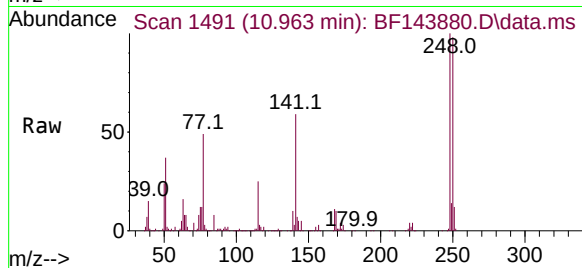




#67  
4-Bromophenyl-phenylether  
Concen: 45.566 ng  
RT: 10.963 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

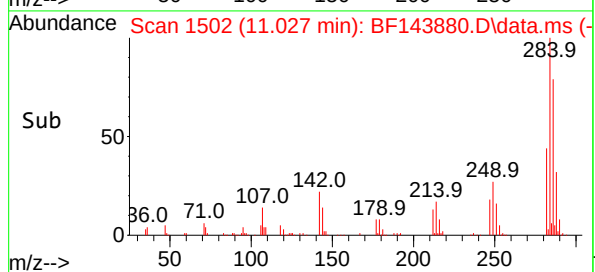
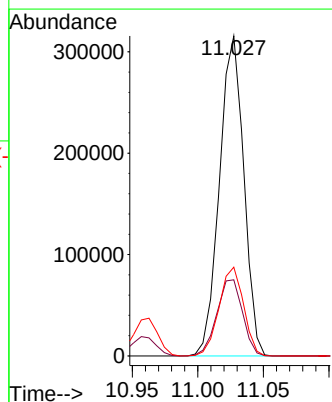
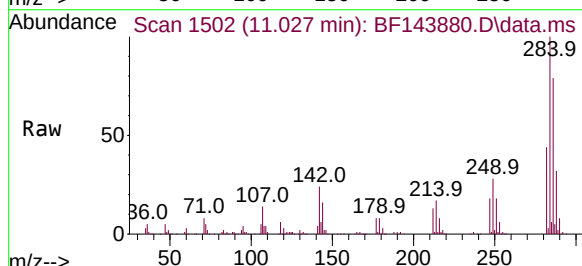
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

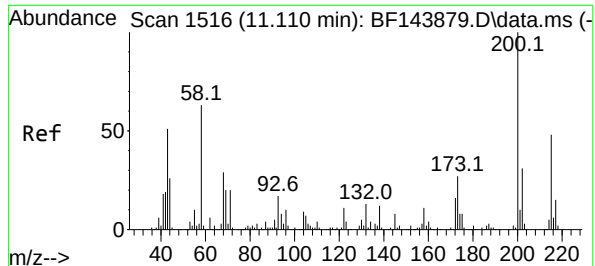
Tgt Ion:248 Resp: 339818  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.3 114.5  
141 59.1 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 47.211 ng  
RT: 11.027 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:284 Resp: 407614  
Ion Ratio Lower Upper  
284 100  
142 23.8 20.6 30.8  
249 27.7 23.2 34.8





#69

Atrazine

Concen: 48.240 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

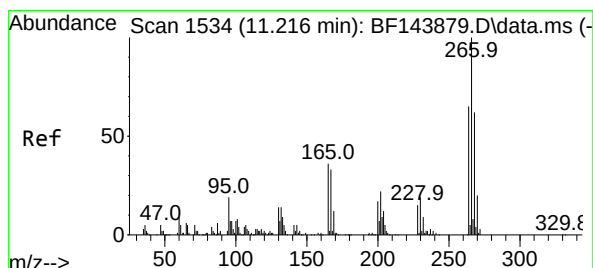
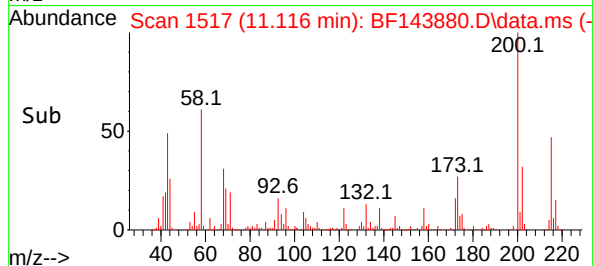
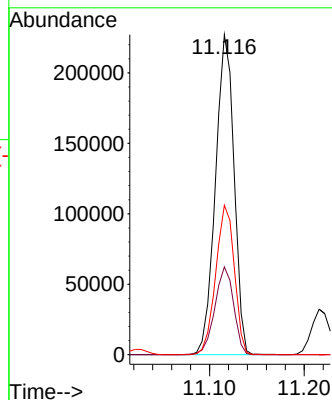
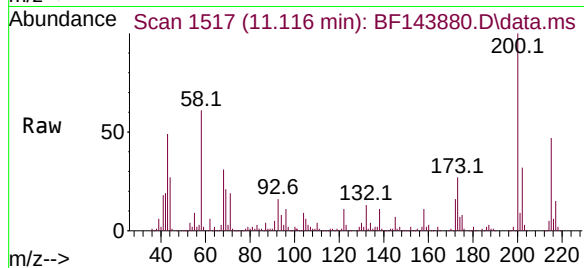
Tgt Ion:200 Resp: 309799

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 52.304 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

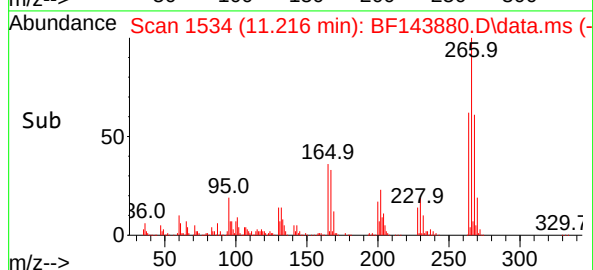
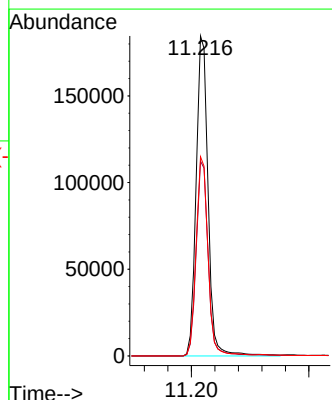
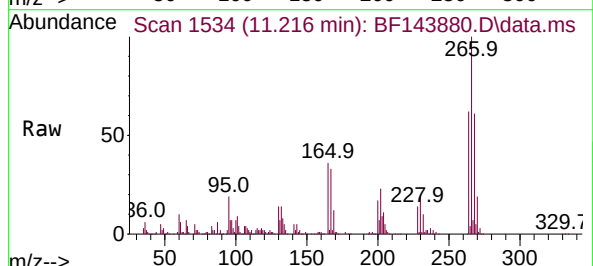
Tgt Ion:266 Resp: 259359

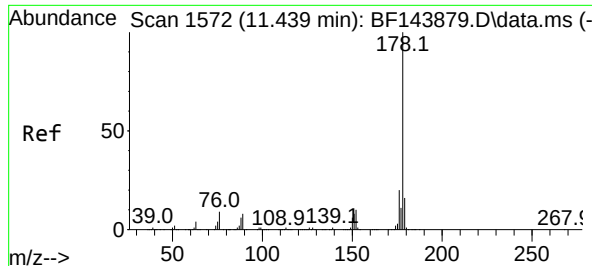
Ion Ratio Lower Upper

266 100

268 60.8 49.4 74.0

264 62.2 51.8 77.6

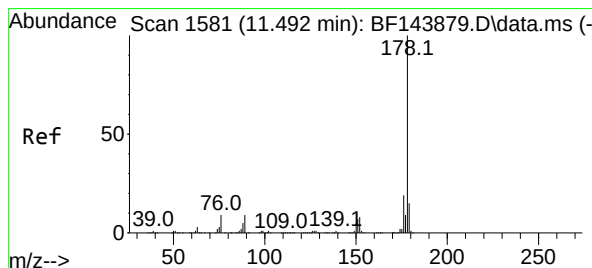
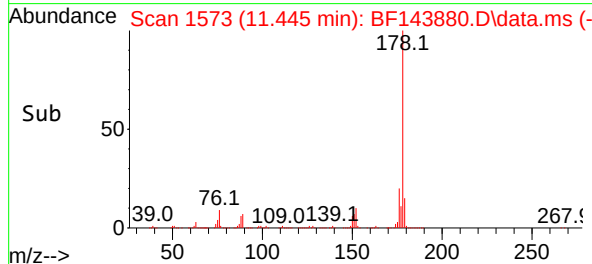
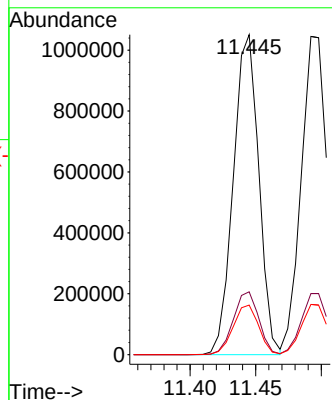
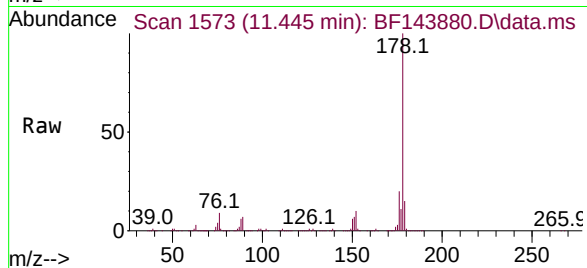




#71  
Phenanthrene  
Concen: 43.395 ng  
RT: 11.445 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

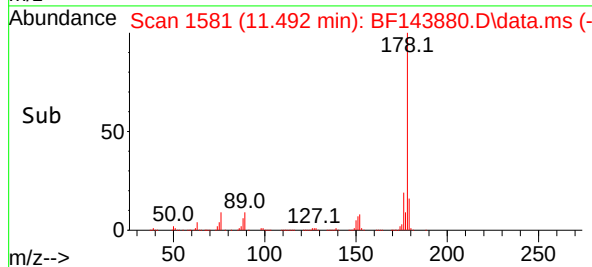
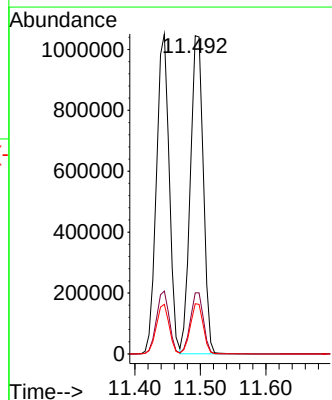
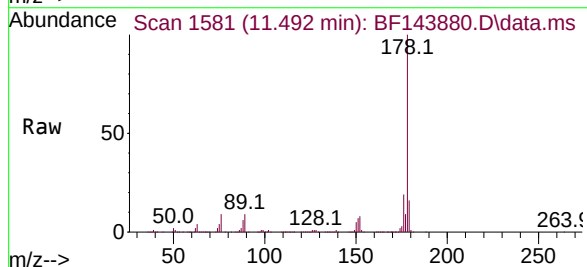
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

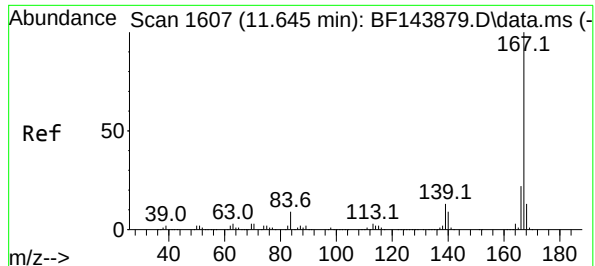
Tgt Ion:178 Resp: 1419666  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.5 12.4 18.6



#72  
Anthracene  
Concen: 43.583 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:178 Resp: 1440404  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.9 22.3  
179 15.8 12.2 18.2

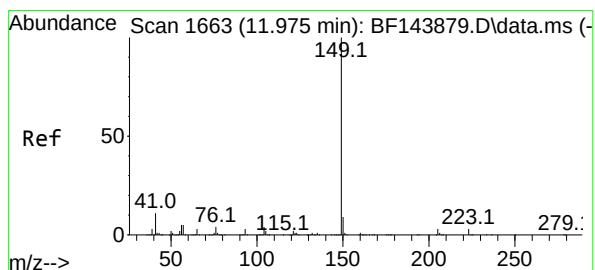
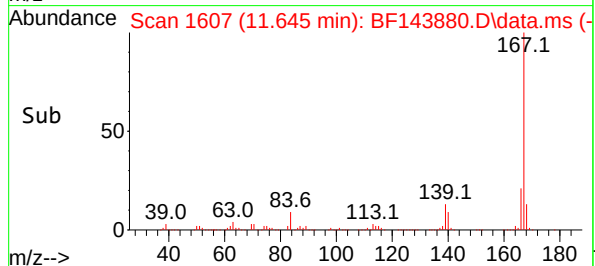
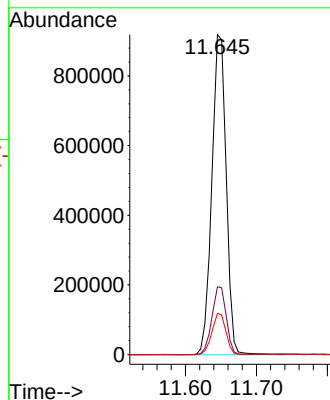
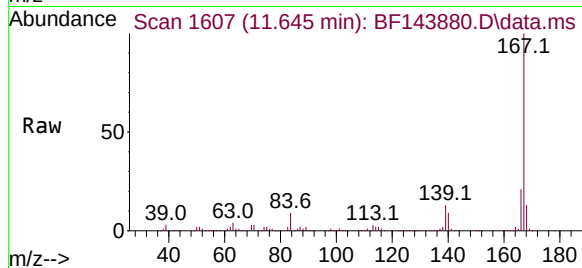




#73  
Carbazole  
Concen: 44.139 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

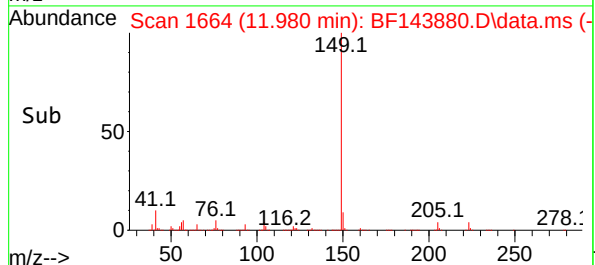
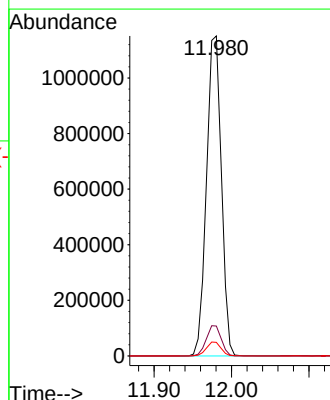
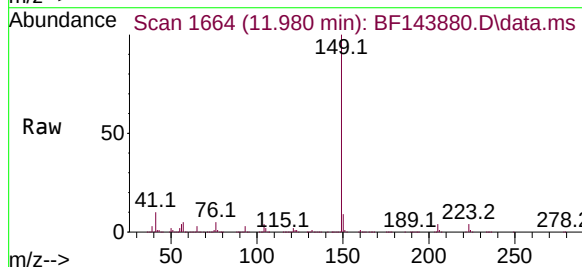
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:167 Resp: 1291982  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.2 25.8  
139 12.9 10.1 15.1

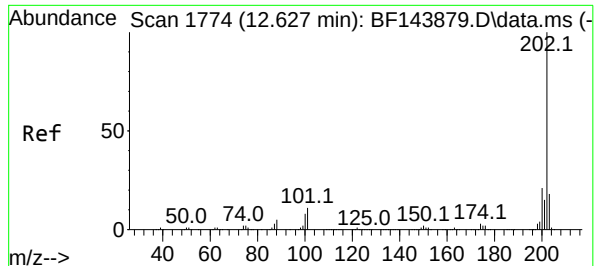


#74  
Di-n-butylphthalate  
Concen: 45.246 ng  
RT: 11.980 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1534951  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 4.2 3.4 5.2



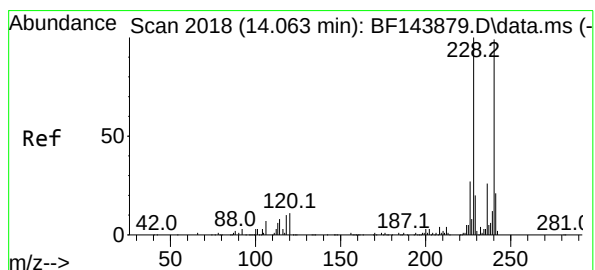
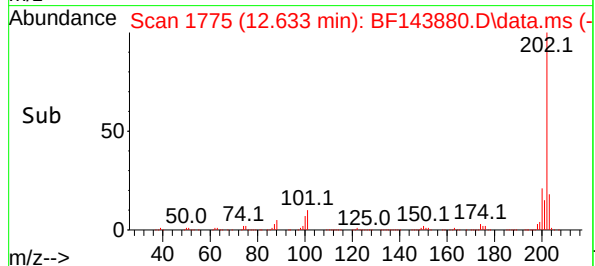
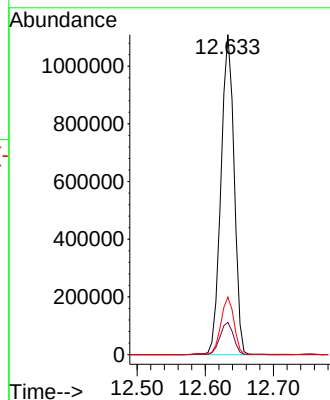
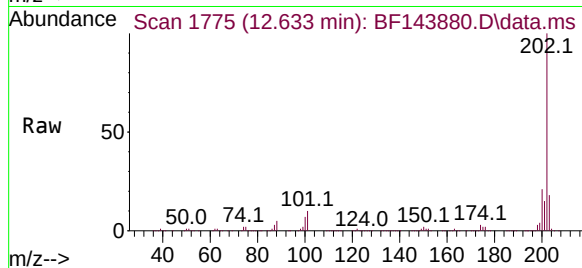




#75  
Fluoranthene  
Concen: 43.744 ng  
RT: 12.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

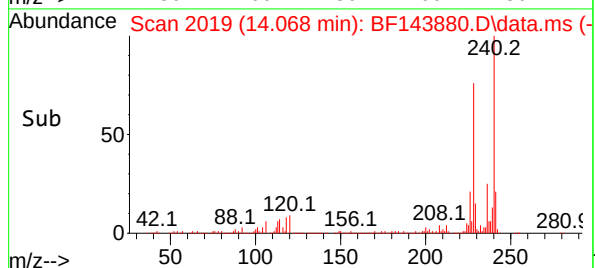
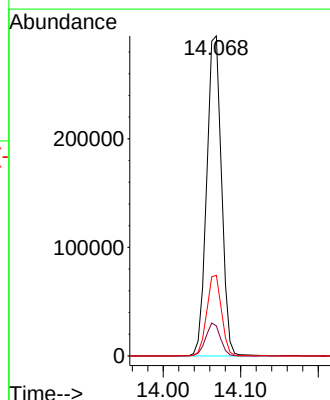
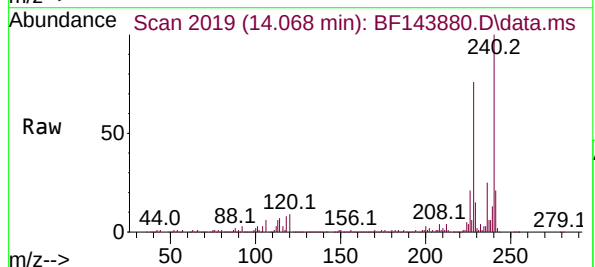
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

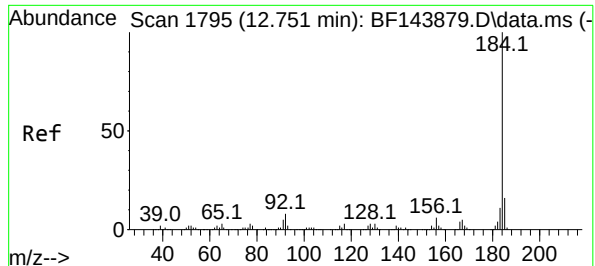
Tgt Ion:202 Resp: 1478181  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 30.7  
203 18.0 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:240 Resp: 390779  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.6 13.0  
236 25.2 21.1 31.7





#77

Benzidine

Concen: 46.882 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

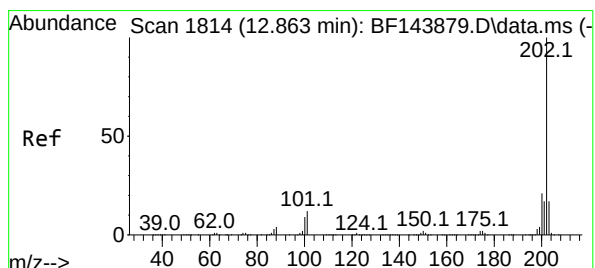
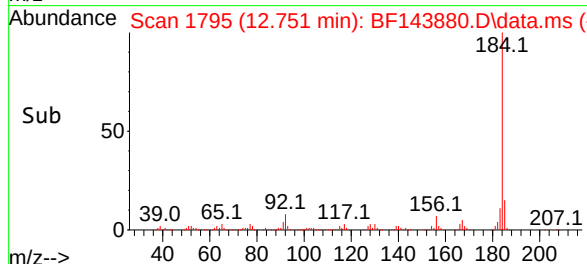
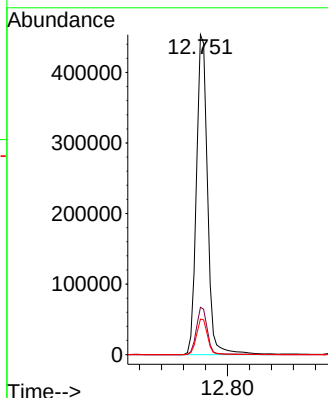
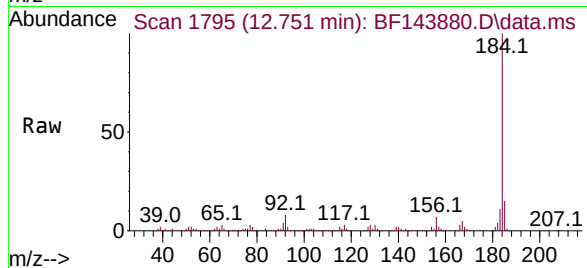
Tgt Ion:184 Resp: 636126

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 46.206 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

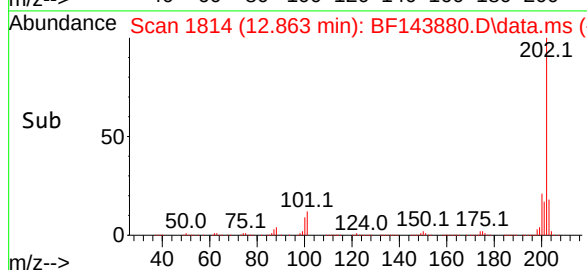
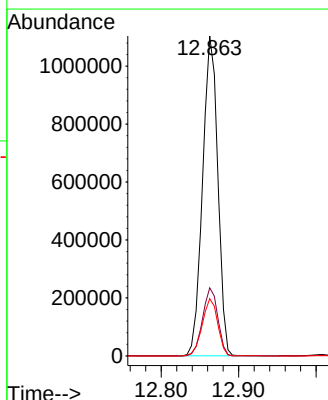
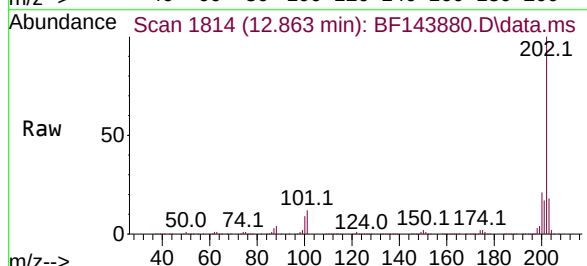
Tgt Ion:202 Resp: 1505326

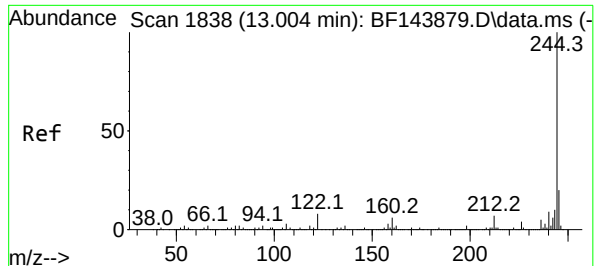
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 91.121 ng

RT: 13.010 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

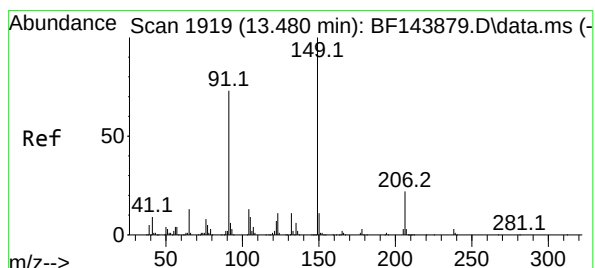
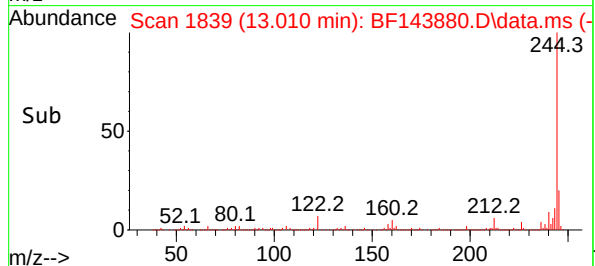
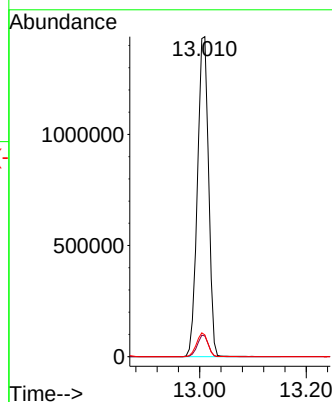
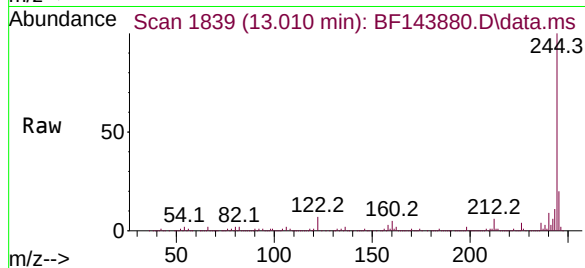
Tgt Ion:244 Resp: 2083463

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 6.8 6.4 9.6



#80

Butylbenzylphthalate

Concen: 50.352 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

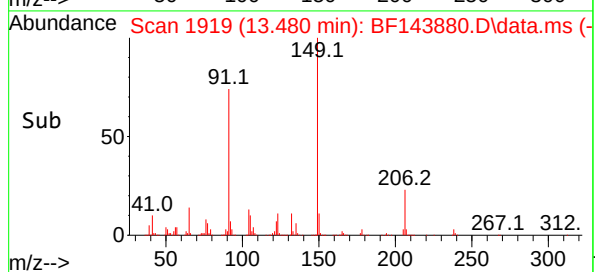
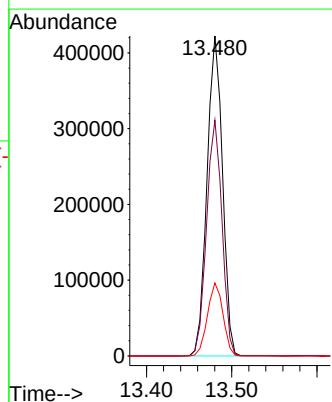
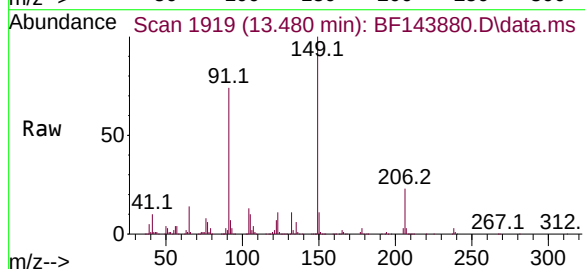
Tgt Ion:149 Resp: 532754

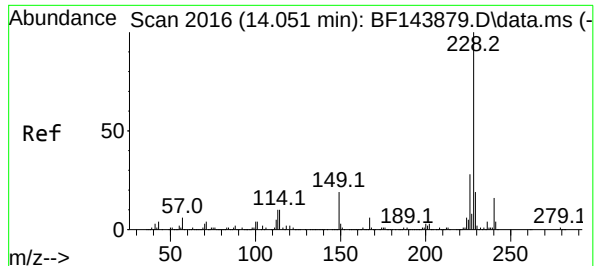
Ion Ratio Lower Upper

149 100

91 73.6 58.2 87.2

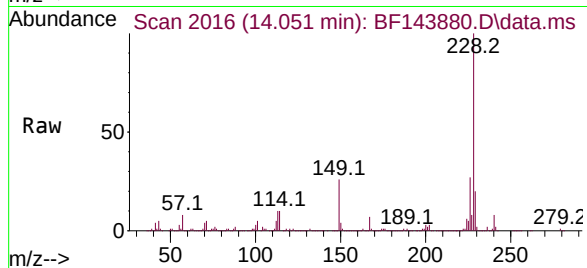
206 22.8 17.9 26.9



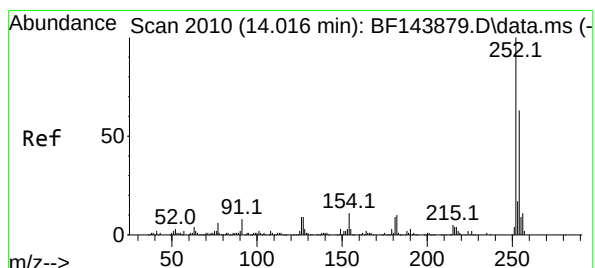
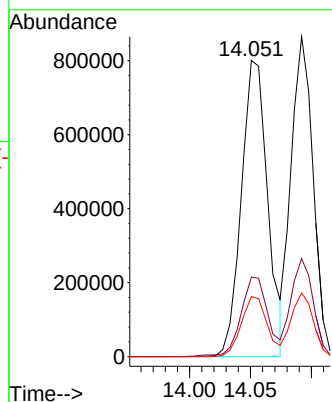
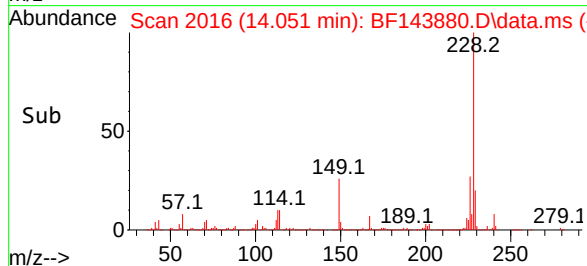


#81  
Benzo(a)anthracene  
Concen: 47.075 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

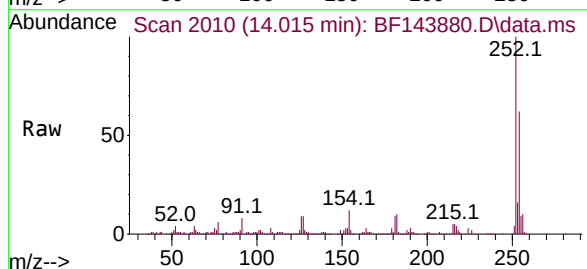
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



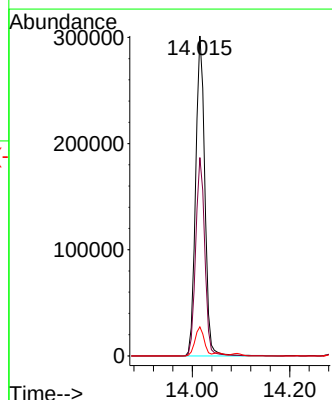
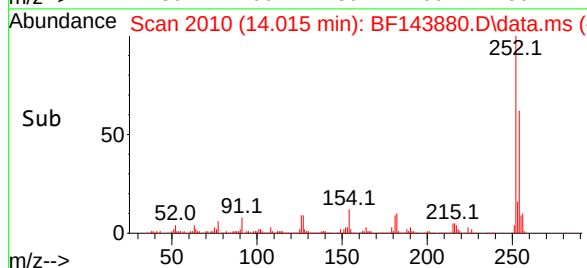
Tgt Ion:228 Resp: 1203843  
Ion Ratio Lower Upper  
228 100  
226 26.8 22.2 33.2  
229 20.2 15.6 23.4

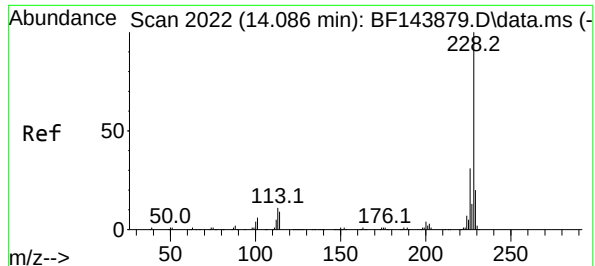


#82  
3,3'-Dichlorobenzidine  
Concen: 50.214 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23



Tgt Ion:252 Resp: 391334  
Ion Ratio Lower Upper  
252 100  
254 62.0 50.6 76.0  
126 9.1 7.0 10.6

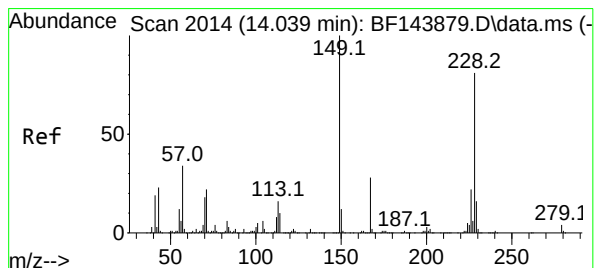
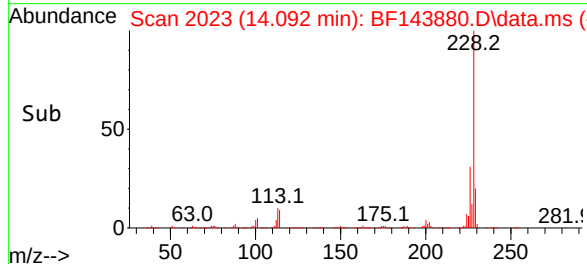
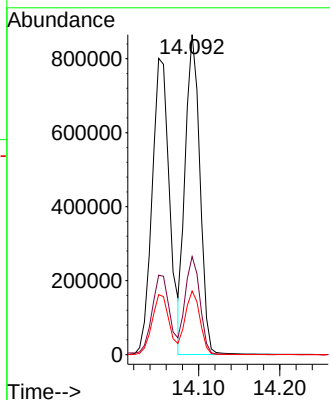
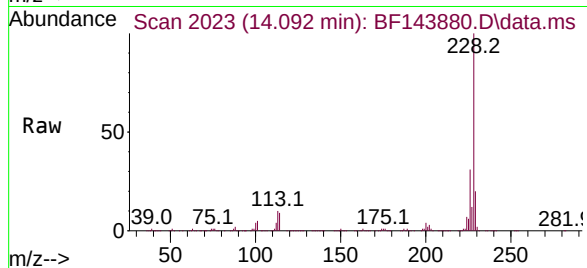




#83  
Chrysene  
Concen: 46.065 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

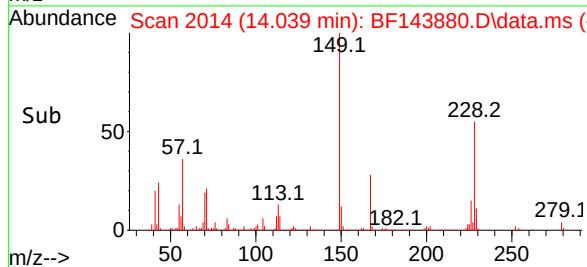
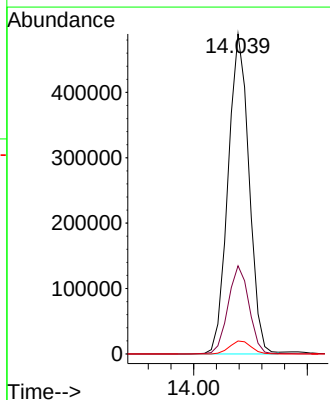
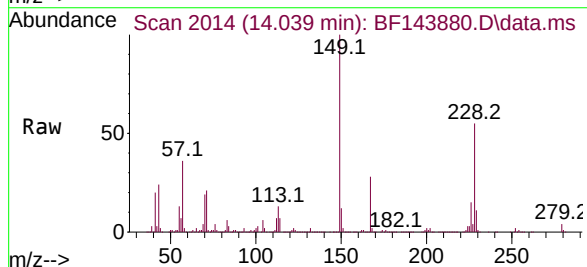
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

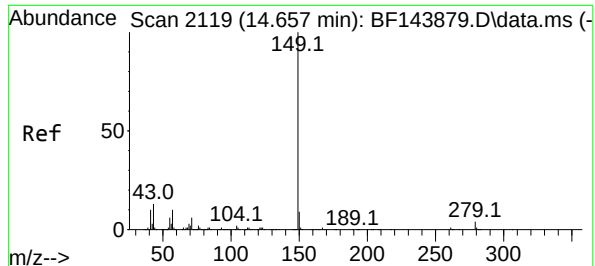
Tgt Ion:228 Resp: 1090275  
Ion Ratio Lower Upper  
228 100  
226 30.7 24.4 36.6  
229 19.9 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.146 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 626818  
Ion Ratio Lower Upper  
149 100  
167 27.5 22.2 33.4  
279 4.0 3.1 4.7

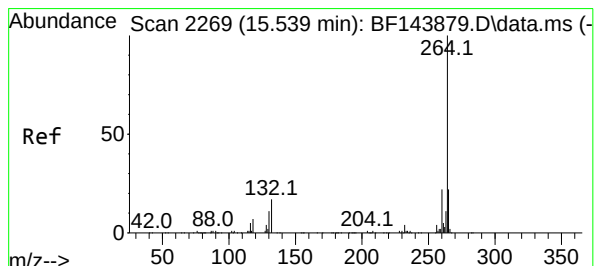
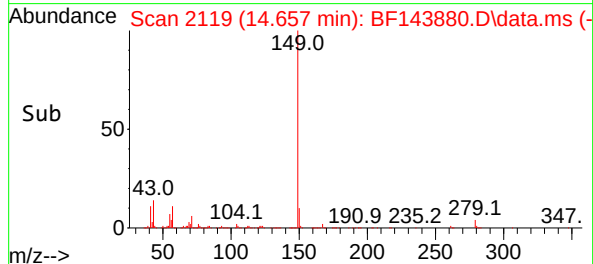
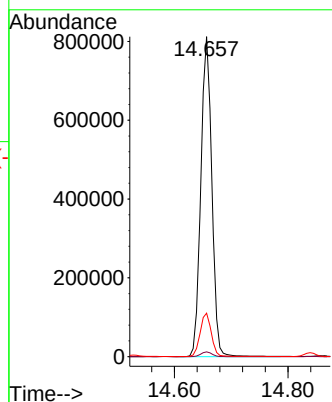
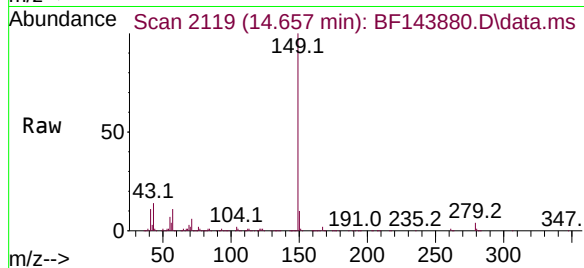




#85  
Di-n-octyl phthalate  
Concen: 51.691 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

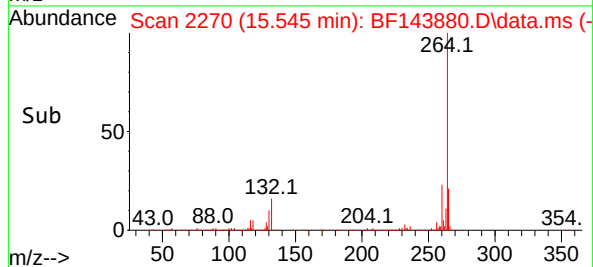
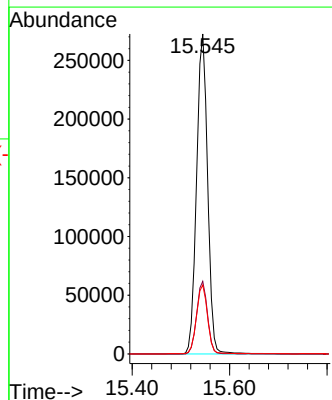
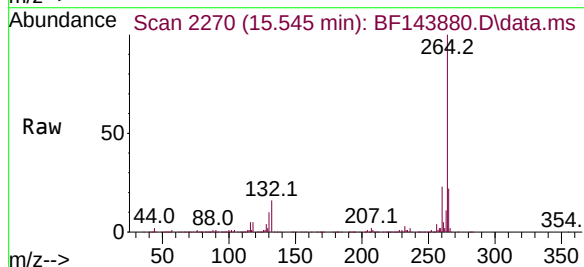
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

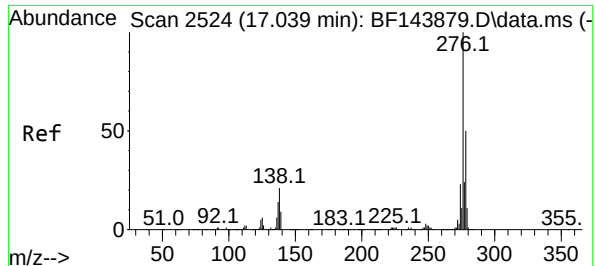
Tgt Ion:149 Resp: 1082833  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 13.9 11.0 16.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:264 Resp: 426414  
Ion Ratio Lower Upper  
264 100  
260 22.7 17.8 26.8  
265 21.6 17.5 26.3

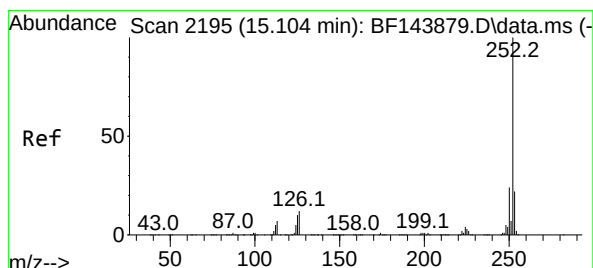
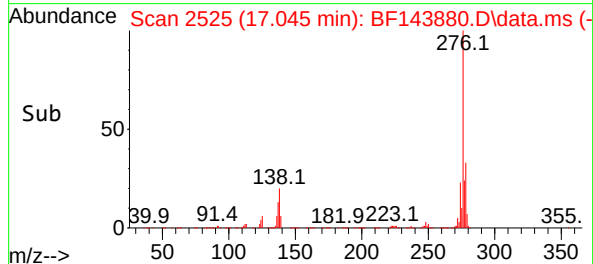
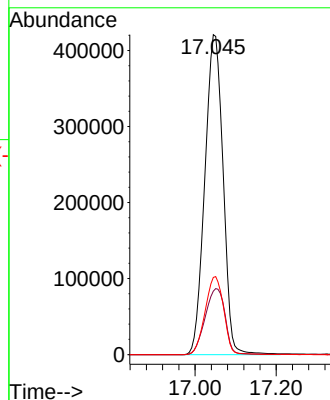
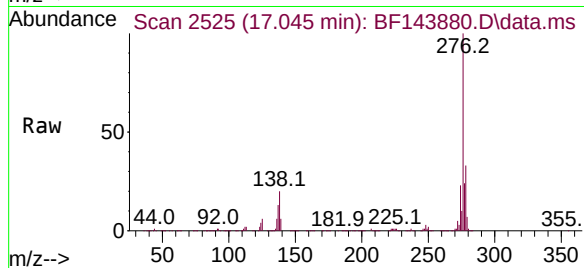




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.373 ng  
RT: 17.045 min Scan# 211  
Delta R.T. -0.012 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

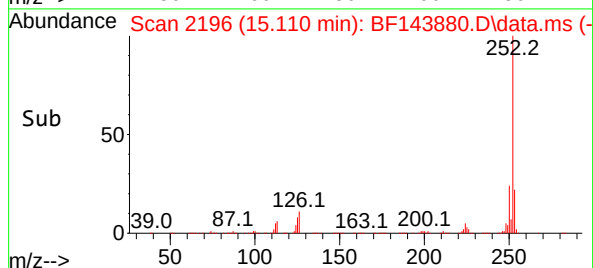
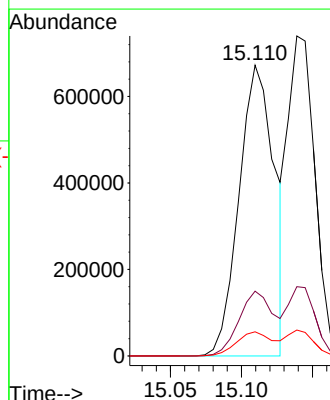
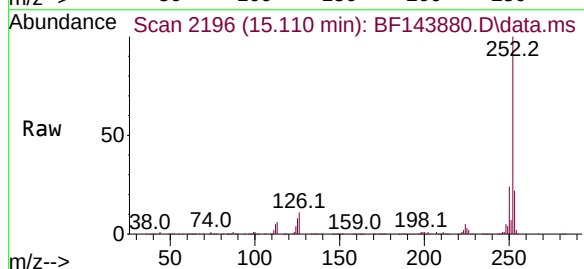
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

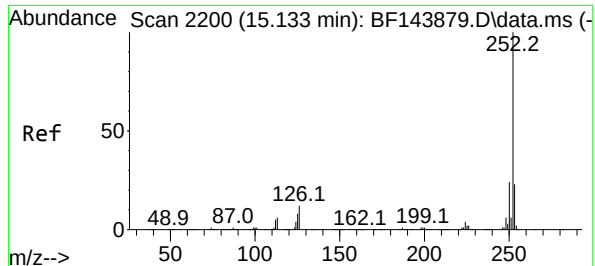
Tgt Ion:276 Resp: 1316167  
Ion Ratio Lower Upper  
276 100  
138 22.6 18.2 27.2  
277 24.8 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 47.652 ng  
RT: 15.110 min Scan# 2196  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:252 Resp: 1167220  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.392 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

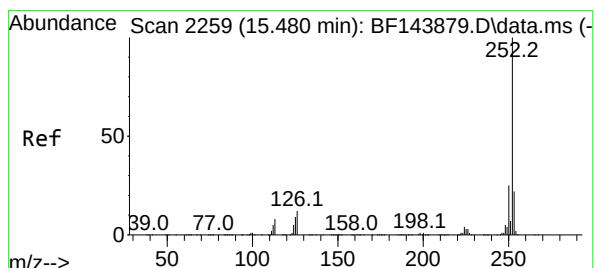
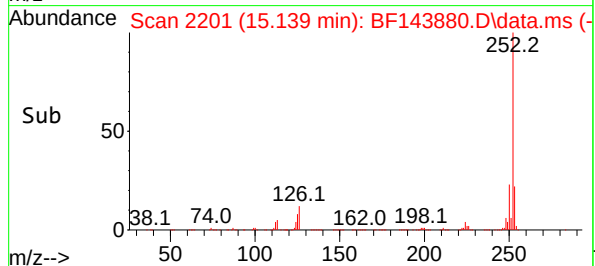
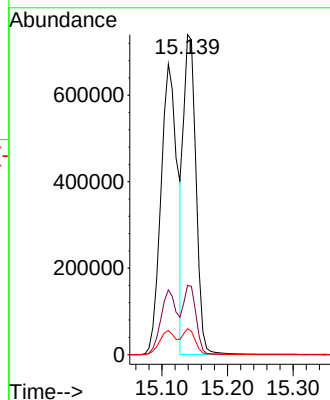
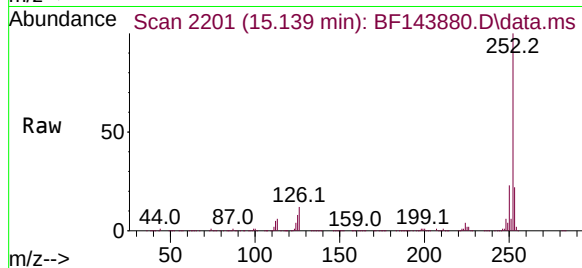
Tgt Ion:252 Resp: 983488

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.960 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

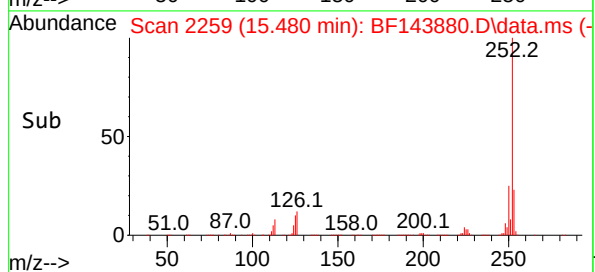
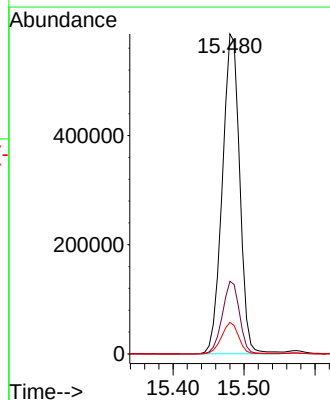
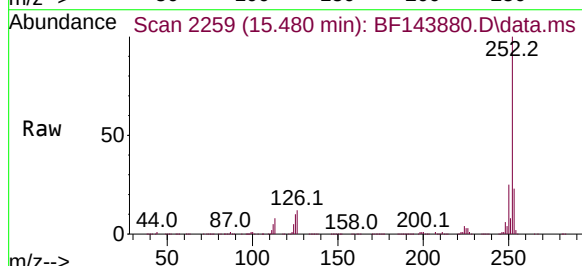
Tgt Ion:252 Resp: 997382

Ion Ratio Lower Upper

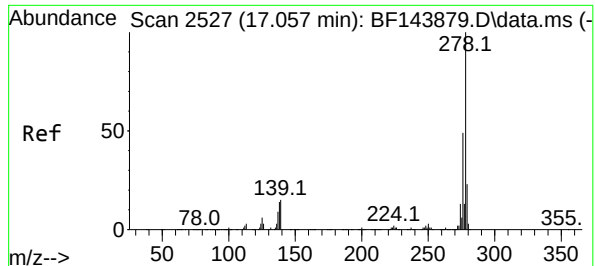
252 100

253 22.7 17.3 25.9

125 9.8 7.0 10.4



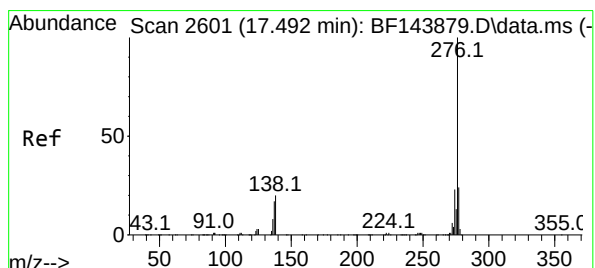
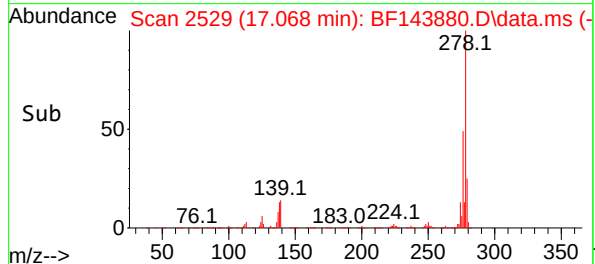
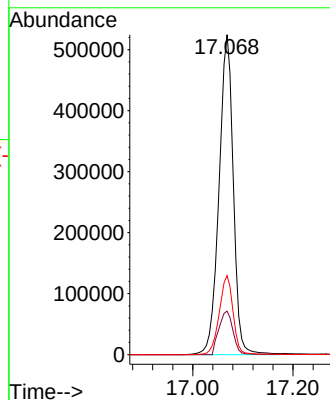
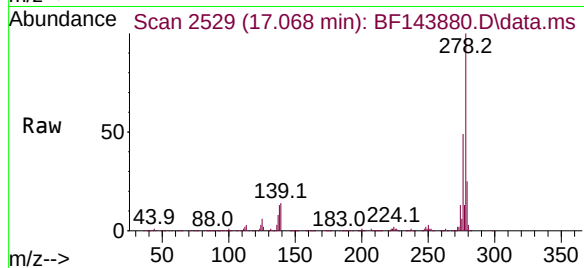




#91  
Dibenzo(a,h)anthracene  
Concen: 49.457 ng  
RT: 17.068 min Scan# 2527  
Delta R.T. -0.012 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

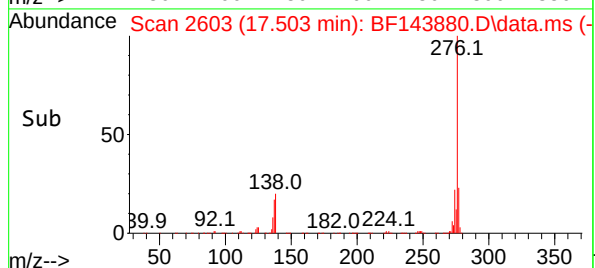
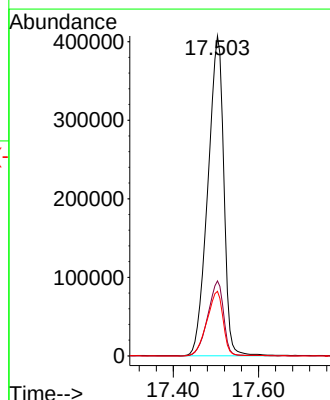
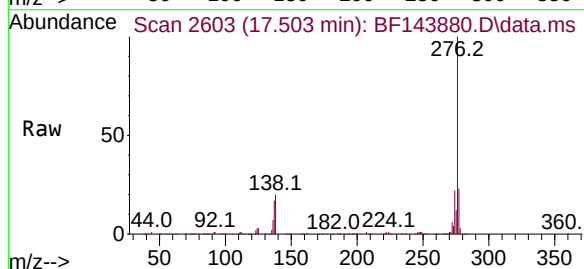
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:278 Resp: 1039281  
Ion Ratio Lower Upper  
278 100  
139 13.6 11.7 17.5  
279 24.7 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 50.253 ng  
RT: 17.503 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:276 Resp: 1056021  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.0 28.6  
138 20.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143881.D  
 Acq On : 06 Oct 2025 13:53  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Oct 06 15:38:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 136069   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 524164   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 286024   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 485489   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 287097   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 309882   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 961239   | 112.181 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1132663  | 110.899 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1021762  | 118.430 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 343442   | 120.554 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1764203  | 97.871  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1861234  | 110.799 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 235125   | 59.298  | ng    | 98       |
| 3) Pyridine                   | 3.410  | 79   | 685786   | 59.411  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 371223   | 61.134  | ng    | 96       |
| 6) Aniline                    | 6.551  | 93   | 870980   | 56.909  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.669  | 128  | 482622   | 57.621  | ng    | 98       |
| 9) Benzaldehyde               | 6.440  | 77   | 567228   | 71.995  | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 710019   | 58.149  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 531386   | 56.337  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 541823   | 54.041  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 547027   | 55.312  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 525807   | 55.507  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 450578   | 58.880  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1202366  | 56.002  | ng    | 100      |
| 17) 2-Methylphenol            | 7.134  | 107  | 402660   | 58.170  | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 189228   | 57.373  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 383071   | 54.794  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 435782   | 54.319  | ng    | 94       |
| 22) Acetophenone              | 7.298  | 105  | 589502   | 53.189  | ng    | 98       |
| 24) Nitrobenzene              | 7.469  | 77   | 574563   | 59.969  | ng    | 99       |
| 25) Isophorone                | 7.710  | 82   | 1042198  | 57.290  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 272450   | 66.327  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 437344   | 59.187  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 631066   | 54.917  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 442749   | 57.524  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 428102   | 56.555  | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 1284573  | 53.874  | ng    | 100      |
| 32) Benzoic acid              | 7.940  | 122  | 348955   | 68.237  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 504823   | 56.451  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 294507   | 55.989  | ng    | 98       |
| 35) Caprolactam               | 8.622  | 113  | 146970   | 60.055  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 423904   | 57.336  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 838837   | 52.814  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 822755   | 53.405  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 445714   | 56.382  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 205978   | 62.806  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 338809   | 58.657  | ng    | 98       |

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 Acq On : 06 Oct 2025 13:53  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

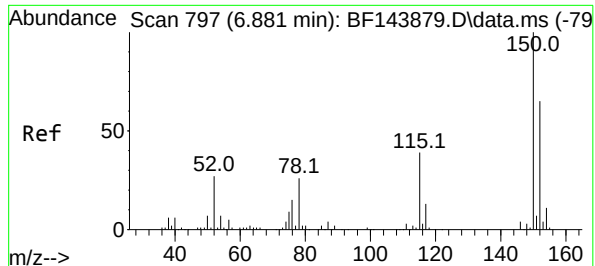
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 345605   | 56.620 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1004440  | 53.040 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 860999   | 54.531 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 312884   | 62.679 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 1223951  | 55.140 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 1031391  | 56.783 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 214169   | 63.587 | ng    | 99       |
| 52) Acenaphthene              | 9.963  | 154  | 801773   | 55.124 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.881  | 138  | 255984   | 62.070 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 123295   | 61.138 | ng    | 95       |
| 55) Dibenzofuran              | 10.133 | 168  | 1111183  | 54.120 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 195321   | 62.550 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 297018   | 64.812 | ng    | 97       |
| 58) Fluorene                  | 10.475 | 166  | 791518   | 51.090 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 264796   | 61.283 | ng    | # 97     |
| 60) Diethylphthalate          | 10.351 | 149  | 948580   | 56.214 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 433339   | 52.905 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 247024   | 62.288 | ng    | 98       |
| 63) Azobenzene                | 10.628 | 77   | 992054   | 56.252 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 166740   | 68.344 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 850570   | 55.797 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 302165   | 56.317 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.028 | 284  | 356406   | 57.378 | ng    | 97       |
| 69) Atrazine                  | 11.116 | 200  | 257412   | 55.713 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 224011   | 62.792 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1270063  | 53.961 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 1282940  | 53.956 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 1170717  | 55.592 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1389569  | 56.934 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1325716  | 54.530 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 551394   | 55.312 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 1359513  | 56.800 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 476448   | 61.293 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 1111626  | 59.168 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 347863   | 60.756 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 969765   | 55.770 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 579121   | 61.804 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 991597   | 64.431 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 1173726  | 61.815 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 1117484  | 62.778 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 855988   | 51.969 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 901585   | 58.412 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 935987   | 61.291 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 946452   | 61.976 | ng    | 98       |

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

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BNA\_F  
**ClientSampleId :**  
SSTDICC060

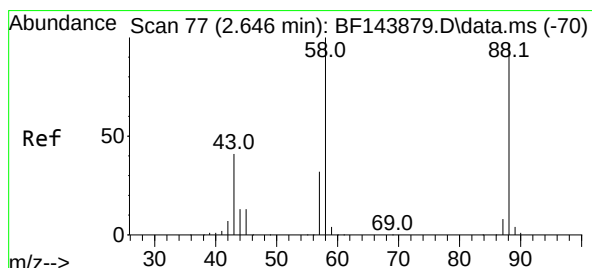
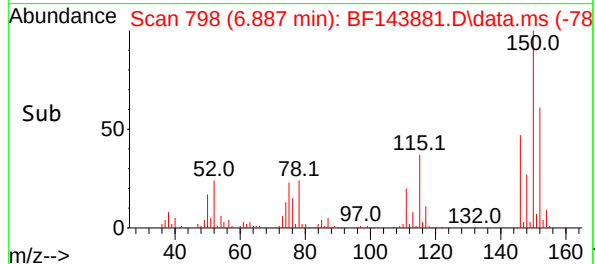
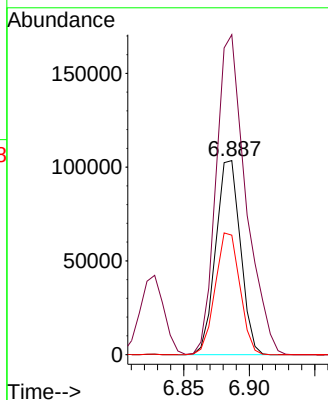
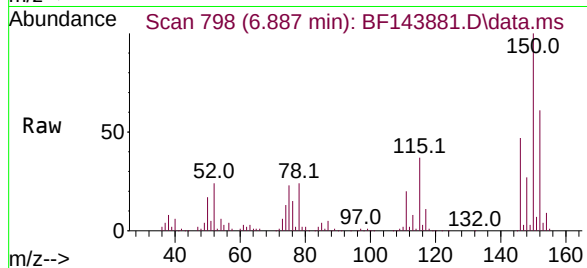
[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 79  
Delta R.T. 0.001 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

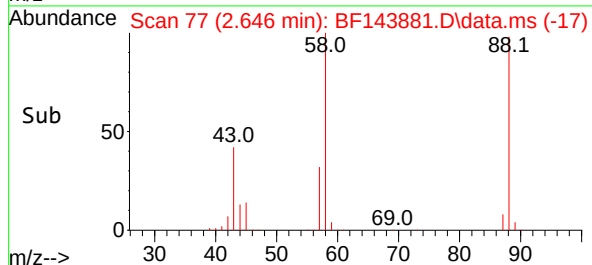
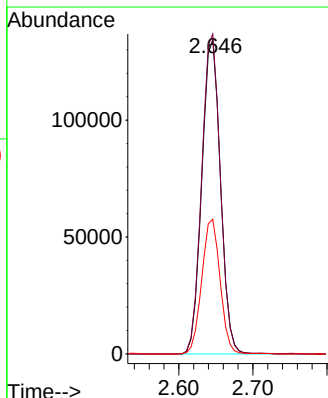
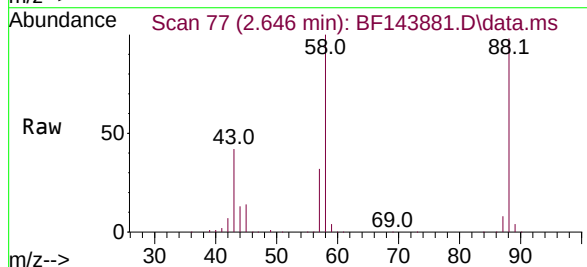
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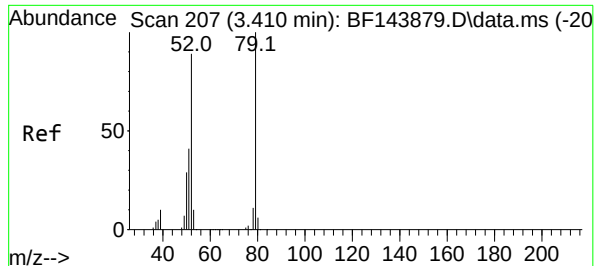
Tgt Ion:152 Resp: 136069  
Ion Ratio Lower Upper  
152 100  
150 165.0 124.4 186.6  
115 61.6 48.1 72.1



#2  
1,4-Dioxane  
Concen: 59.298 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 88 Resp: 235125  
Ion Ratio Lower Upper  
88 100  
58 101.8 83.0 124.6  
43 42.1 33.9 50.9





#3

Pyridine

Concen: 59.411 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

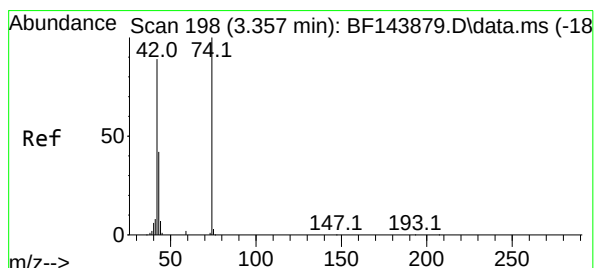
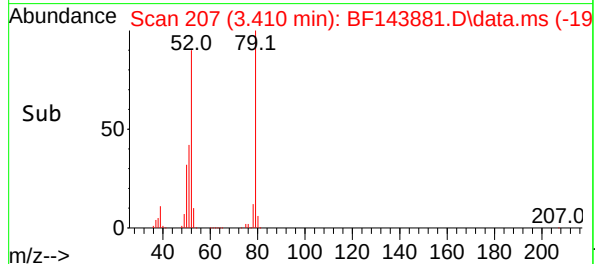
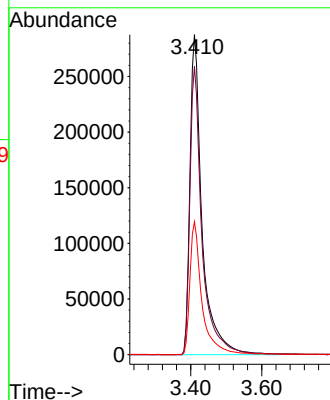
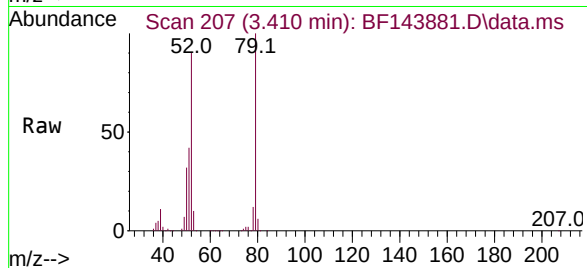
Tgt Ion: 79 Resp: 685786

Ion Ratio Lower Upper

79 100

52 90.0 71.5 107.3

51 41.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 61.134 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.017 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

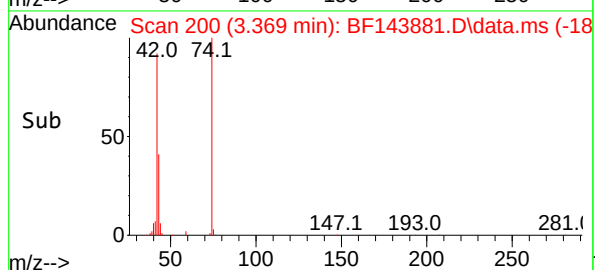
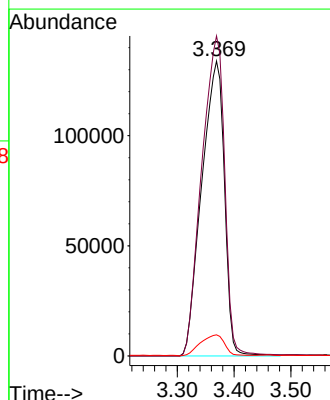
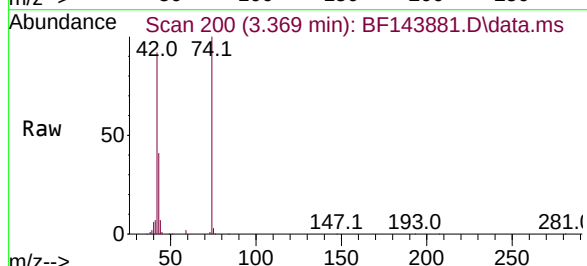
Tgt Ion: 42 Resp: 371223

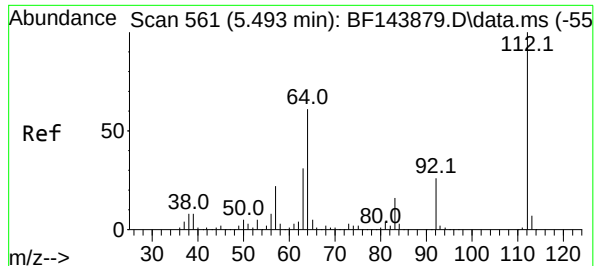
Ion Ratio Lower Upper

42 100

74 108.6 90.0 135.0

44 7.1 6.2 9.2

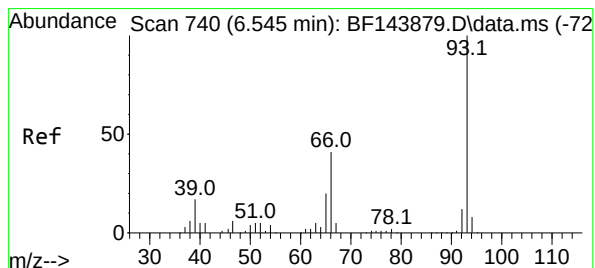
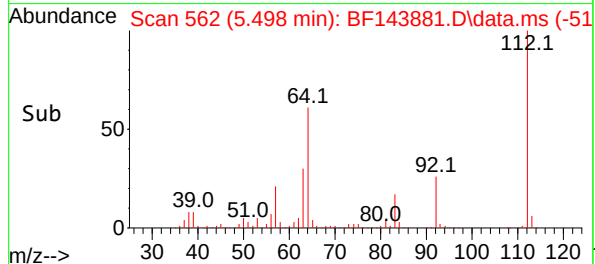
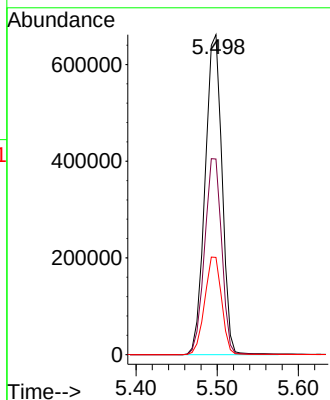
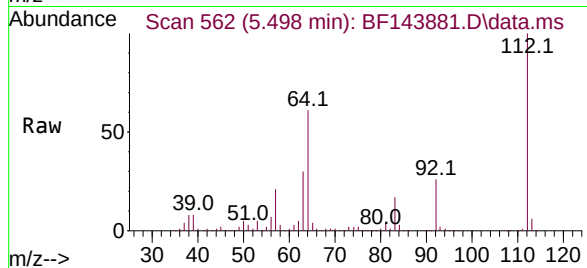




#5  
2-Fluorophenol  
Concen: 112.181 ng  
RT: 5.498 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

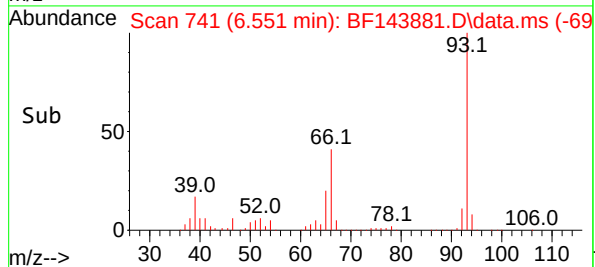
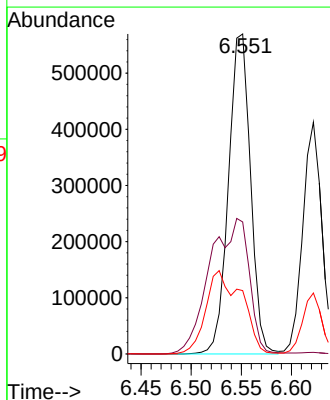
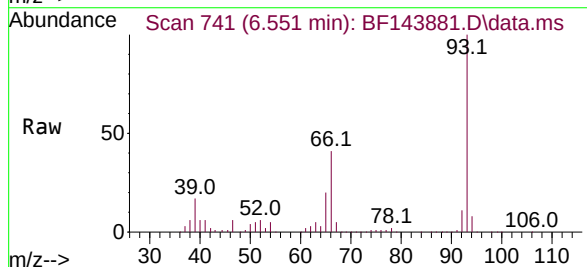
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BNA\_F  
ClientSampleId :  
SSTDICC060

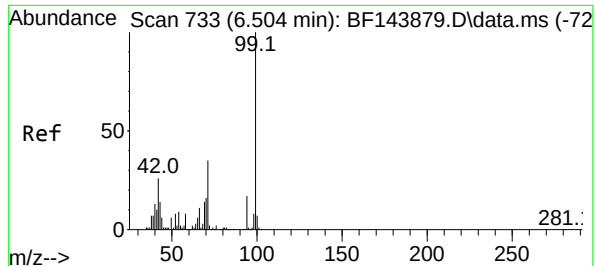
Tgt Ion:112 Resp: 961239  
Ion Ratio Lower Upper  
112 100  
64 61.1 49.1 73.7  
63 30.4 24.5 36.7



#6  
Aniline  
Concen: 56.909 ng  
RT: 6.551 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 93 Resp: 870980  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.0 49.6  
65 19.8 15.8 23.8





#7

Phenol-d6

Concen: 110.899 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

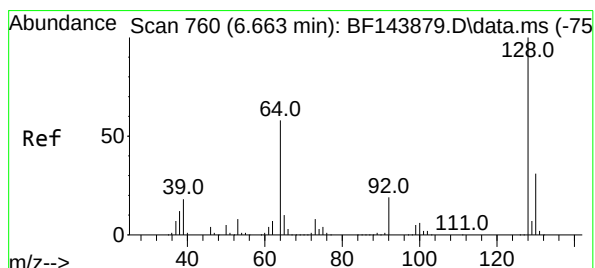
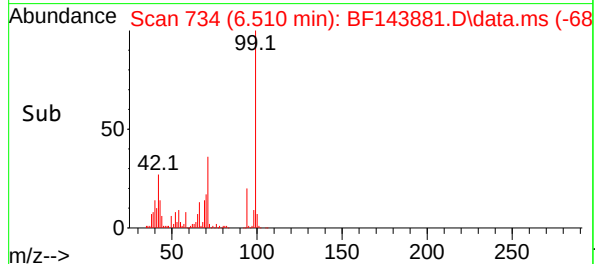
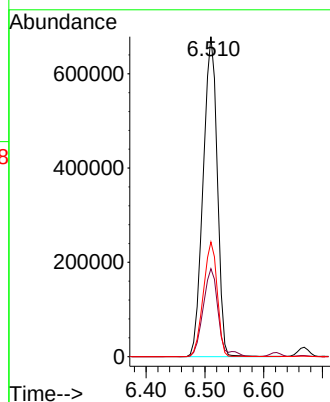
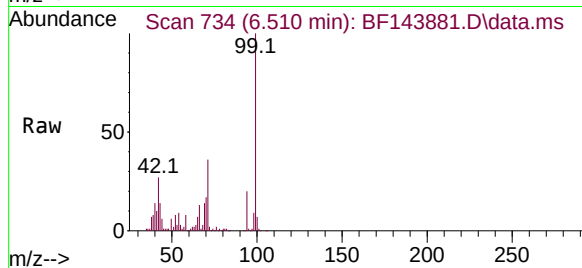
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ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1132663

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 27.5  | 21.0  | 31.4  |
| 71  | 35.8  | 27.8  | 41.8  |



#8

2-Chlorophenol

Concen: 57.621 ng

RT: 6.669 min Scan# 761

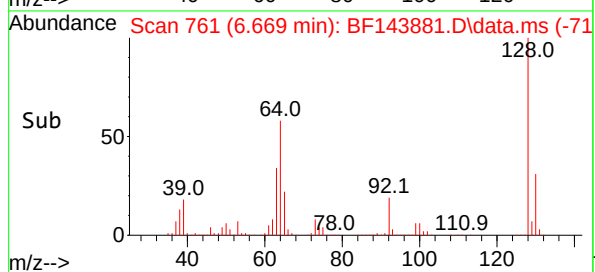
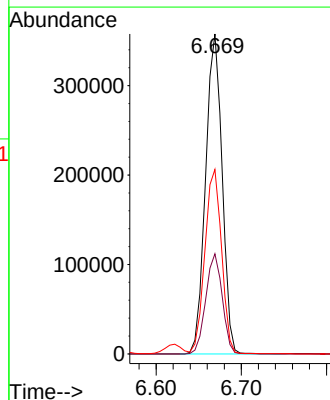
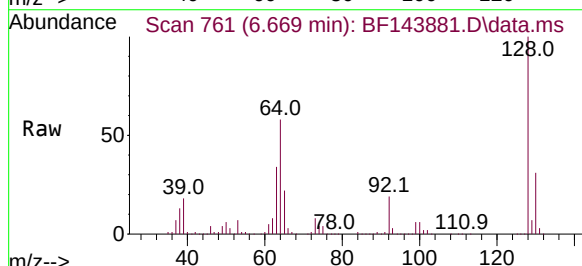
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Lab File: BF143881.D

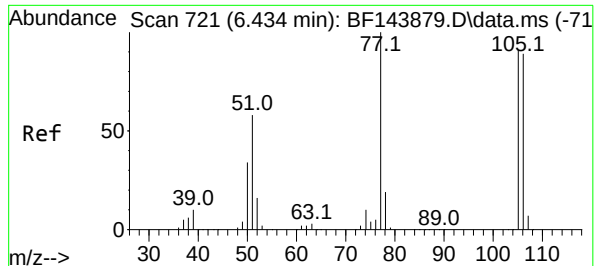
Acq: 06 Oct 2025 13:53

Tgt Ion: 128 Resp: 482622

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.3  | 10.7  | 50.7  |
| 64  | 57.6  | 39.0  | 79.0  |







#9

Benzaldehyde

Concen: 71.995 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

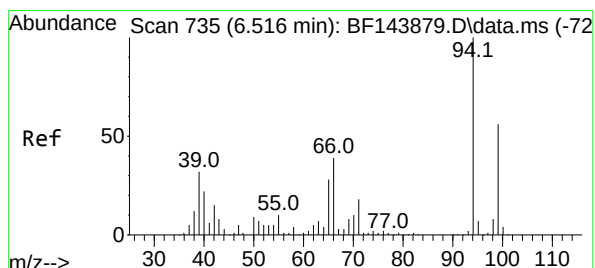
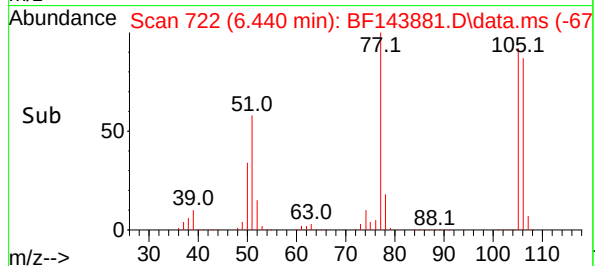
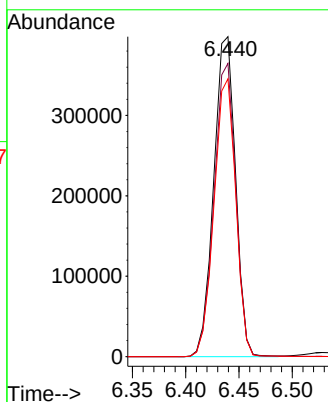
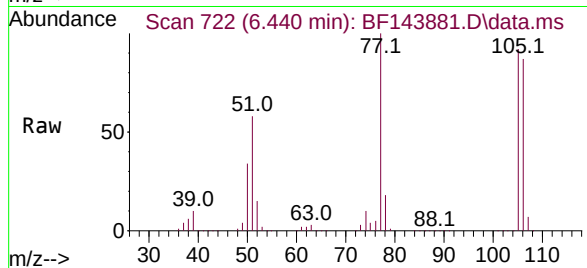
Tgt Ion: 77 Resp: 567228

Ion Ratio Lower Upper

77 100

105 91.6 70.9 110.9

106 86.8 68.9 108.9



#10

Phenol

Concen: 58.149 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

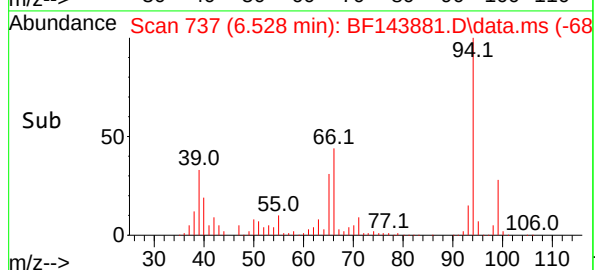
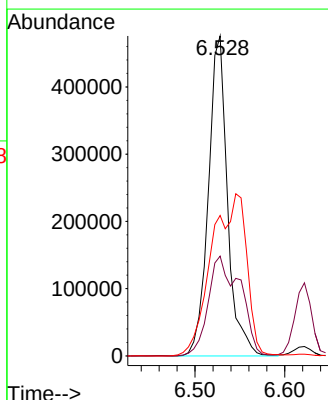
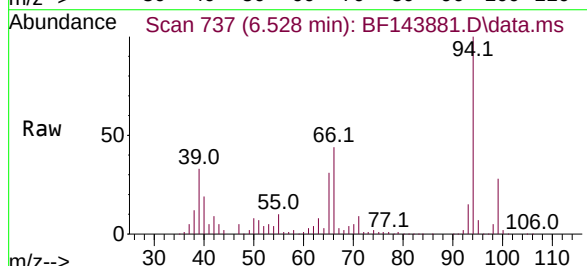
Tgt Ion: 94 Resp: 710019

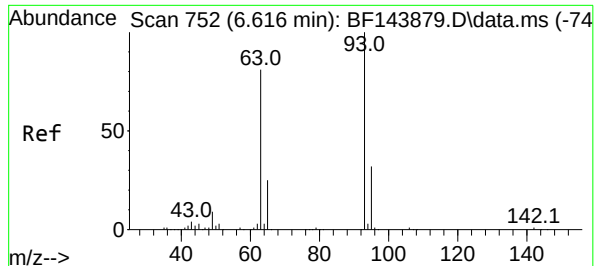
Ion Ratio Lower Upper

94 100

65 31.2 8.5 48.5

66 43.9 19.9 59.9

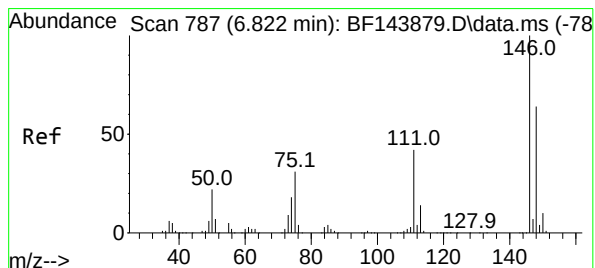
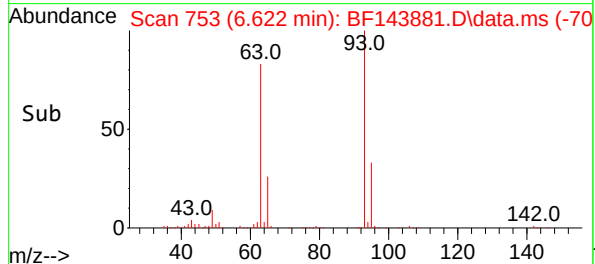
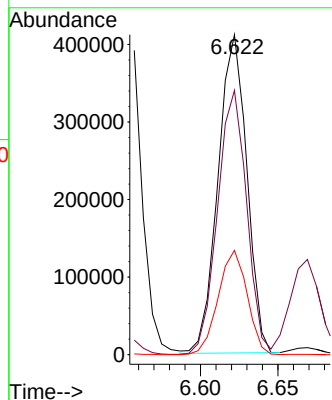
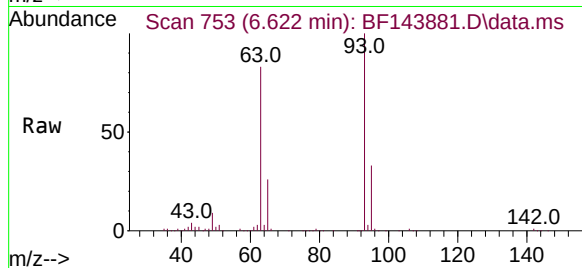




#11  
bis(2-Chloroethyl)ether  
Concen: 56.337 ng  
RT: 6.622 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

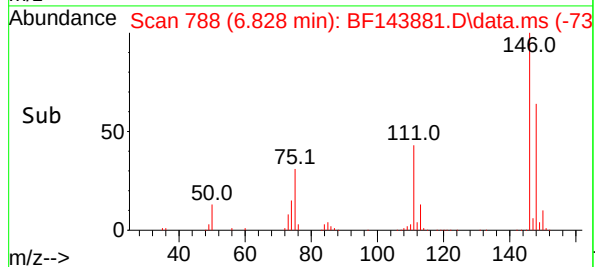
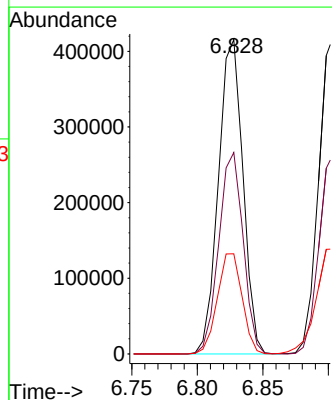
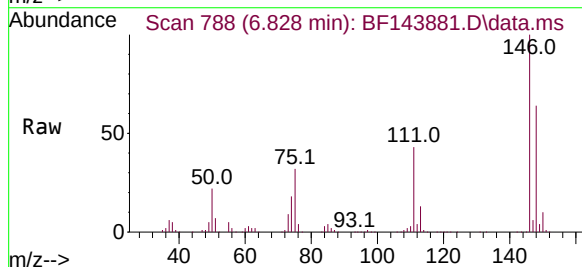
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

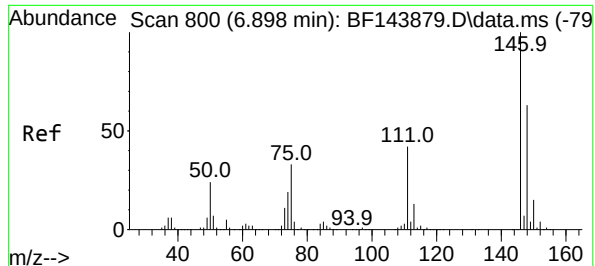
Tgt Ion: 93 Resp: 531386  
Ion Ratio Lower Upper  
93 100  
63 82.6 60.9 100.9  
95 32.6 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 54.041 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:146 Resp: 541823  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.0 76.4  
75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 55.312 ng

RT: 6.904 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

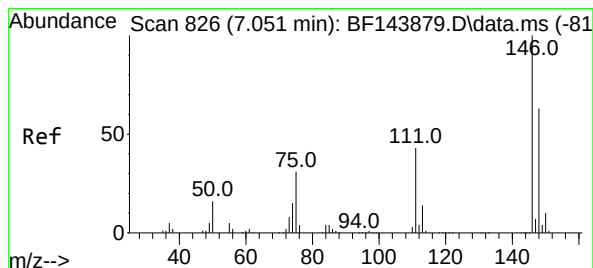
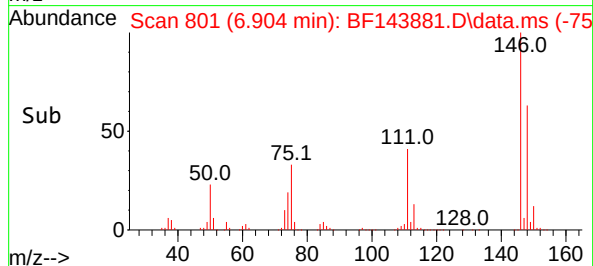
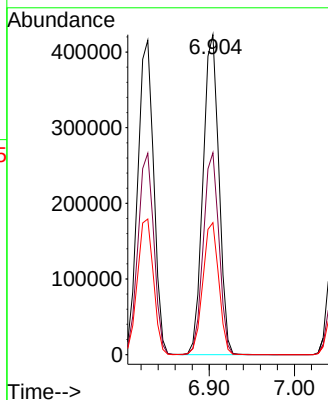
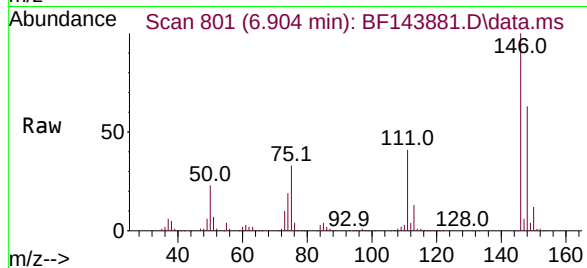
Tgt Ion:146 Resp: 547027

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 55.507 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

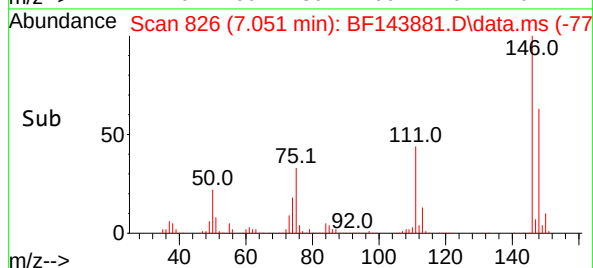
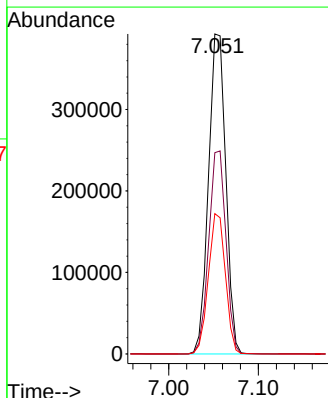
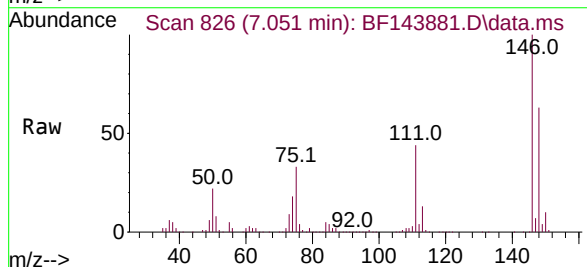
Tgt Ion:146 Resp: 525807

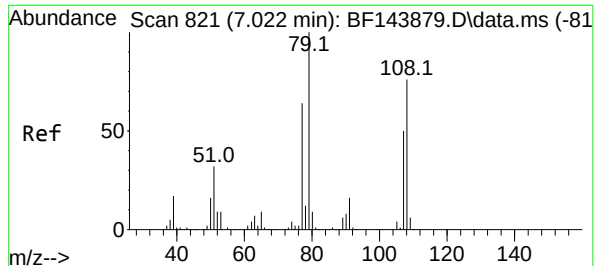
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 43.8 34.6 51.8

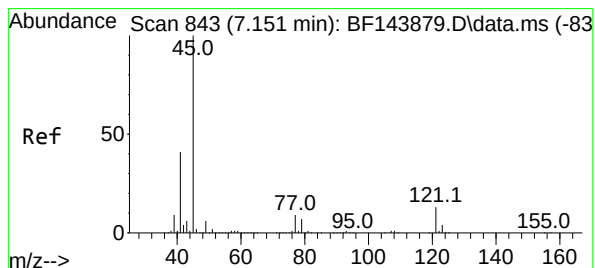
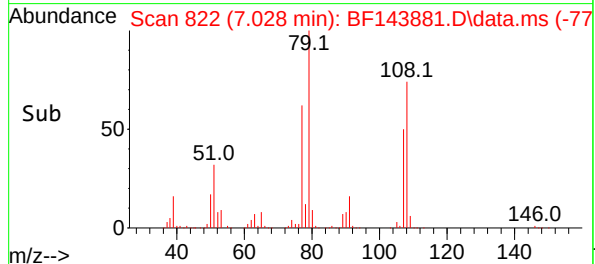
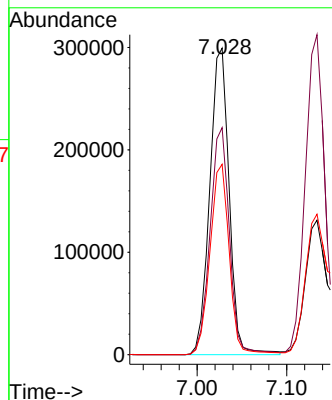
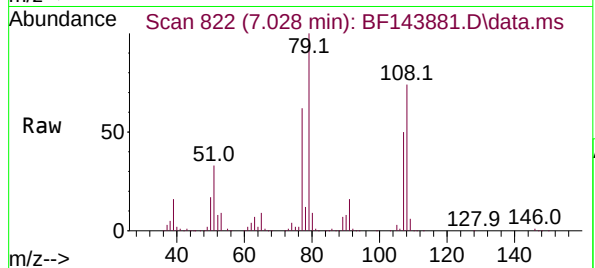




#15  
Benzyl Alcohol  
Concen: 58.880 ng  
RT: 7.028 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

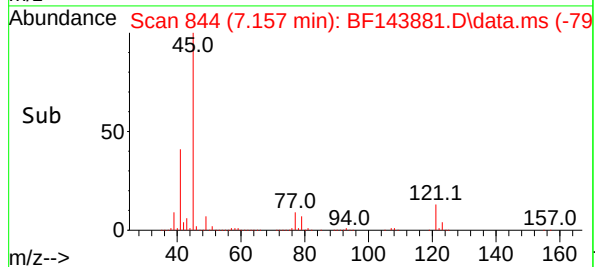
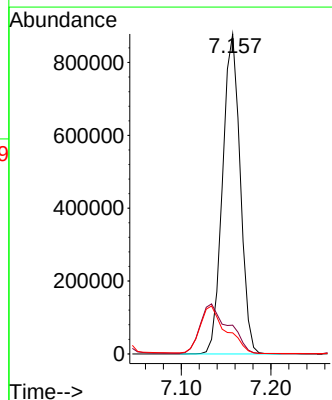
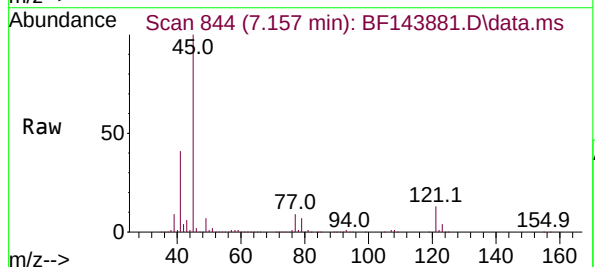
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

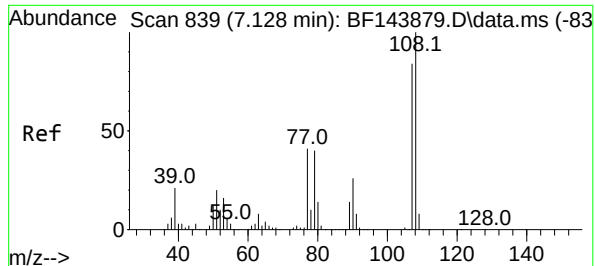
Tgt Ion: 79 Resp: 450578  
Ion Ratio Lower Upper  
79 100  
108 74.1 60.8 91.2  
77 62.1 51.0 76.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 56.002 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 45 Resp: 1202366  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.0  
79 6.6 0.0 26.8

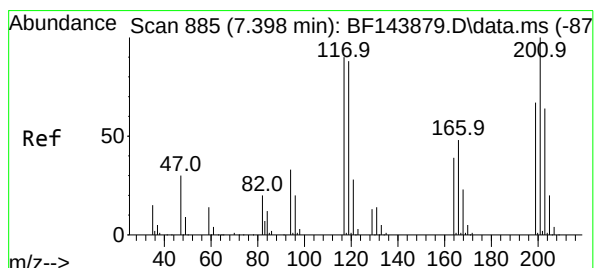
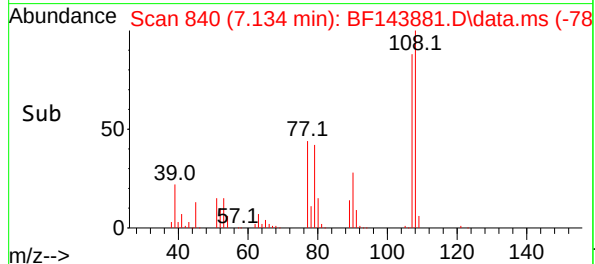
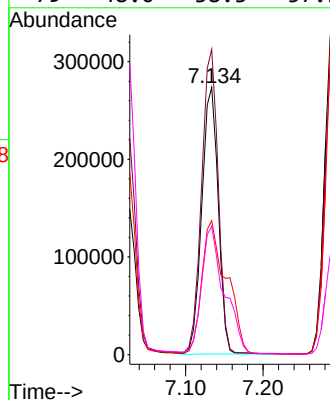
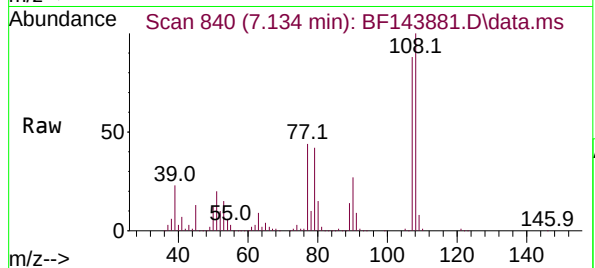




#17  
2-Methylphenol  
Concen: 58.170 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

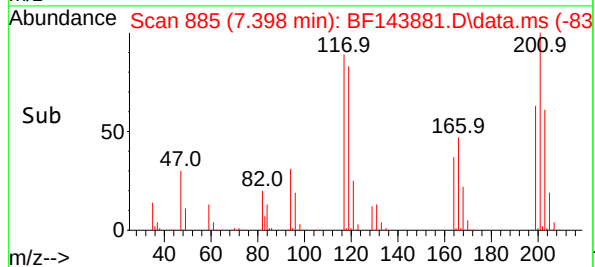
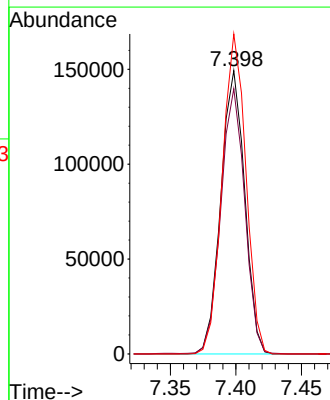
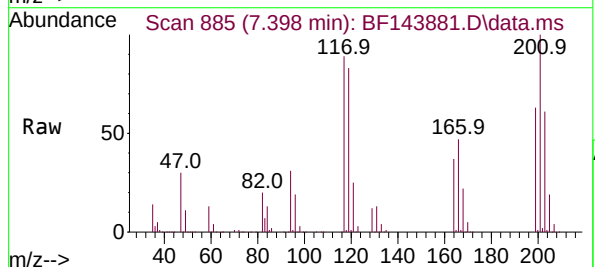
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

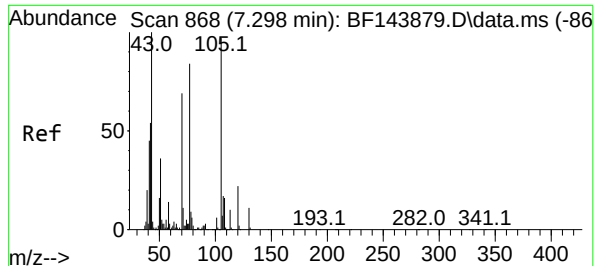
Tgt Ion:107 Resp: 402660  
Ion Ratio Lower Upper  
107 100  
108 114.2 94.7 142.1  
77 50.1 38.8 58.2  
79 48.0 38.3 57.5



#18  
Hexachloroethane  
Concen: 57.373 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:117 Resp: 189228  
Ion Ratio Lower Upper  
117 100  
119 93.6 77.8 116.8  
201 112.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.794 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF143881.D

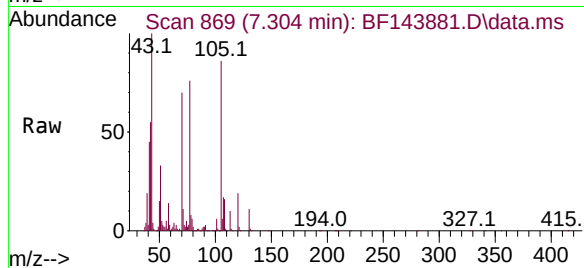
Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 383071

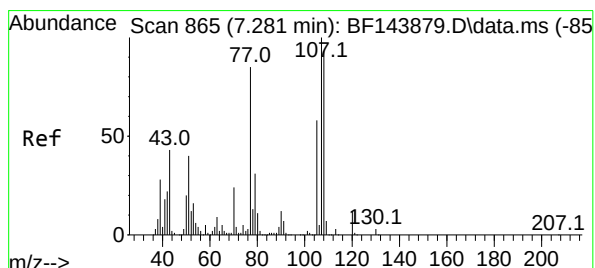
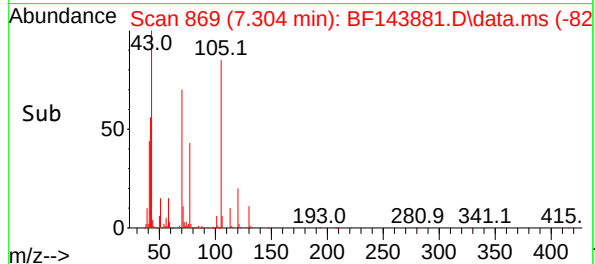
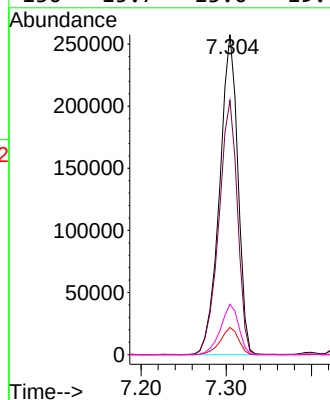
Ion Ratio Lower Upper

70 100

42 79.4 62.8 94.2

101 8.5 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 54.319 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 107 Resp: 435782

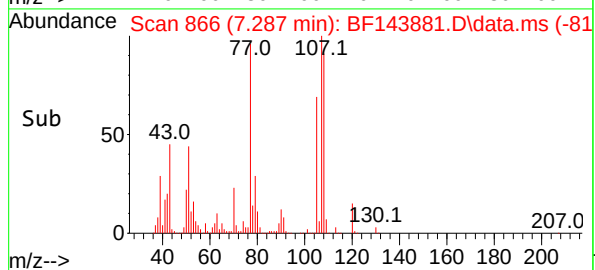
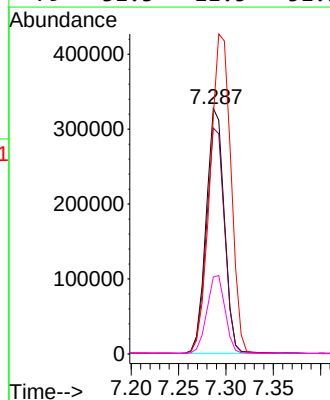
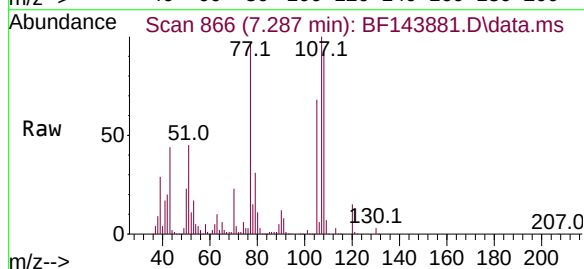
Ion Ratio Lower Upper

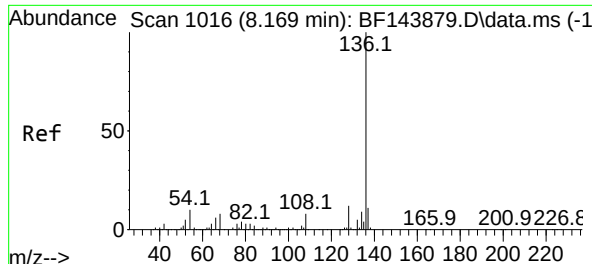
107 100

108 92.0 73.0 113.0

77 96.5 64.6 104.6

79 31.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 524164

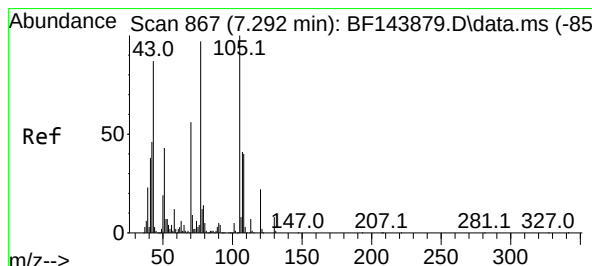
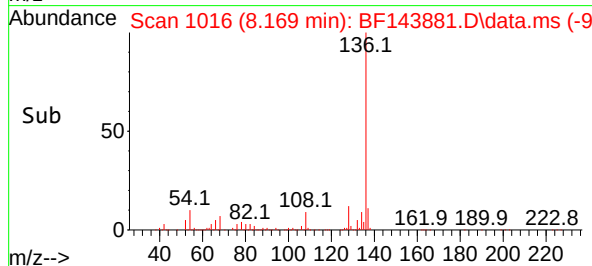
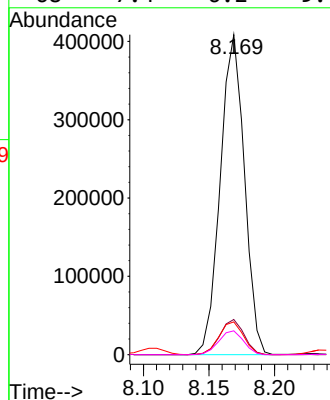
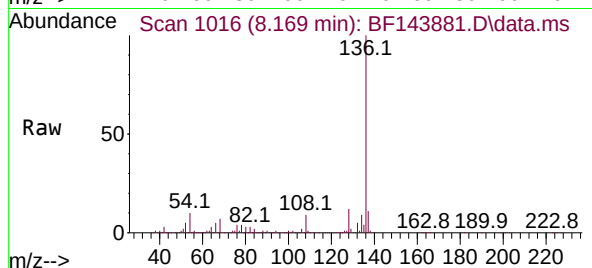
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.2 8.2 12.4

68 7.4 6.2 9.4



#22

Acetophenone

Concen: 53.189 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:105 Resp: 589502

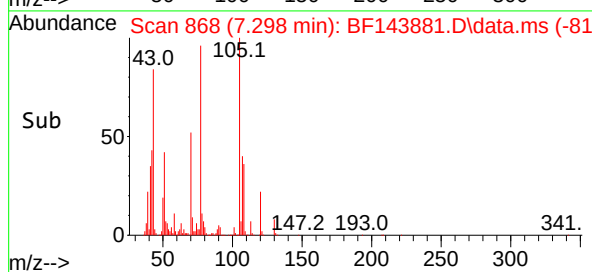
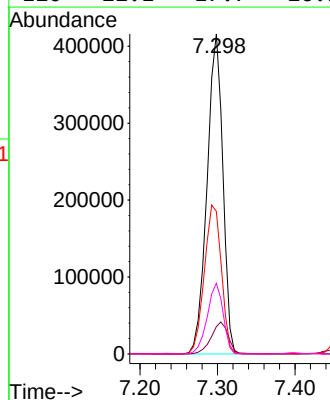
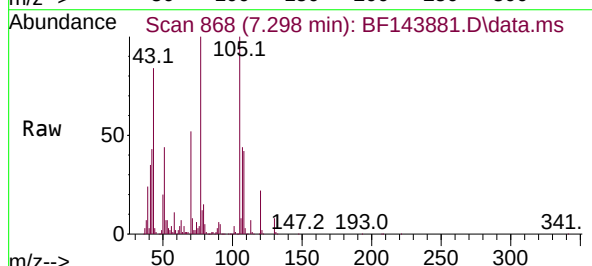
Ion Ratio Lower Upper

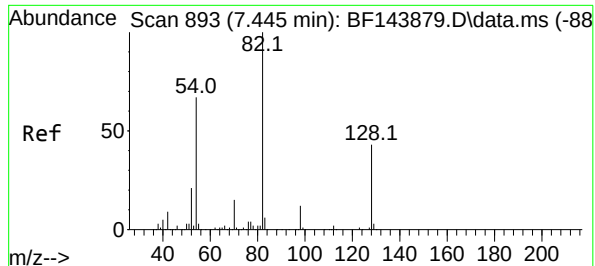
105 100

71 8.5 7.4 11.0

51 44.5 34.2 51.4

120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 118.430 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

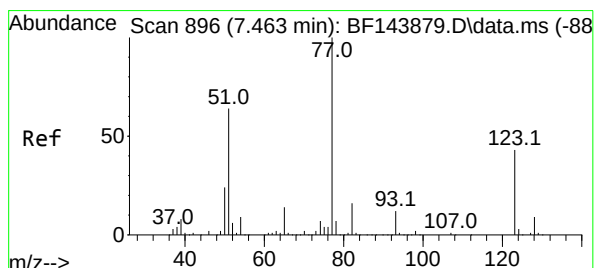
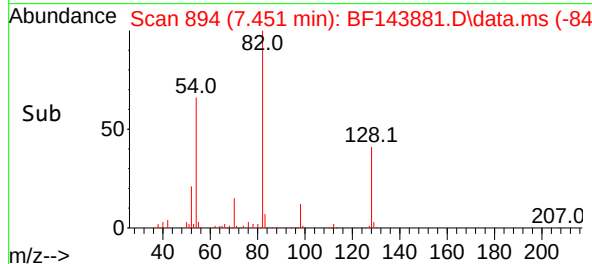
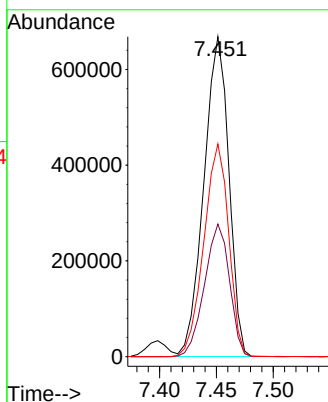
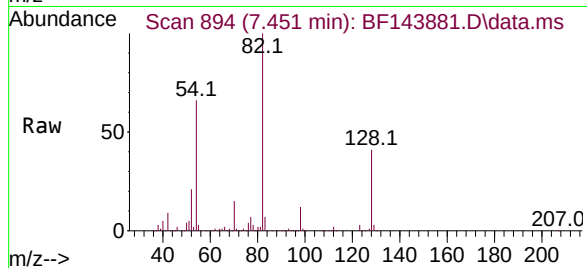
BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1021762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.4  | 34.0  | 51.0  |
| 54  | 66.5  | 53.2  | 79.8  |



#24

Nitrobenzene

Concen: 59.969 ng

RT: 7.469 min Scan# 897

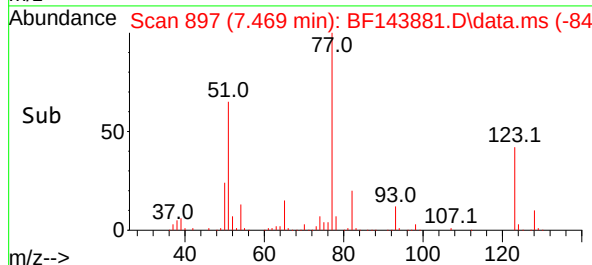
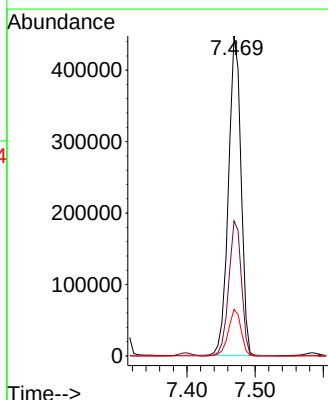
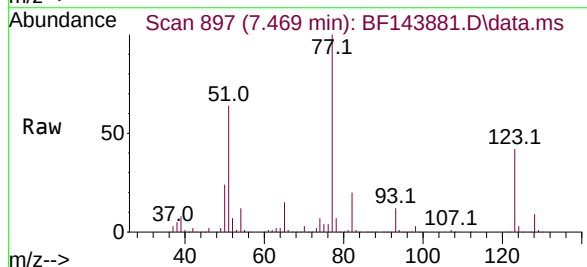
Delta R.T. -0.006 min

Lab File: BF143881.D

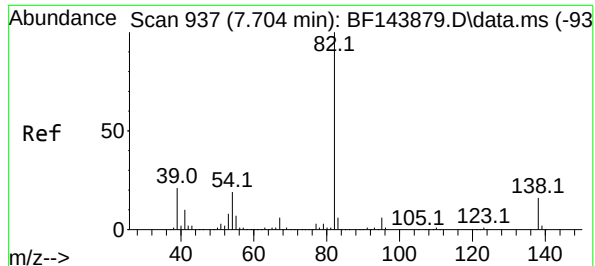
Acq: 06 Oct 2025 13:53

Tgt Ion: 77 Resp: 574563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.2  | 34.2  | 51.4  |
| 65  | 14.5  | 11.0  | 16.6  |



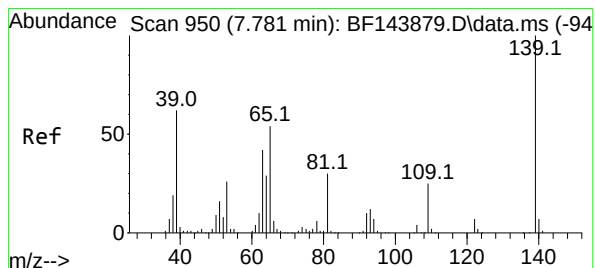
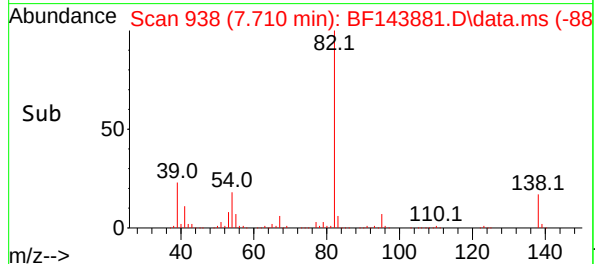
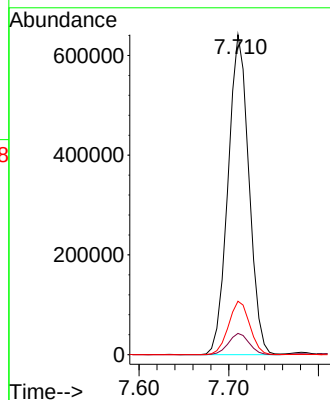
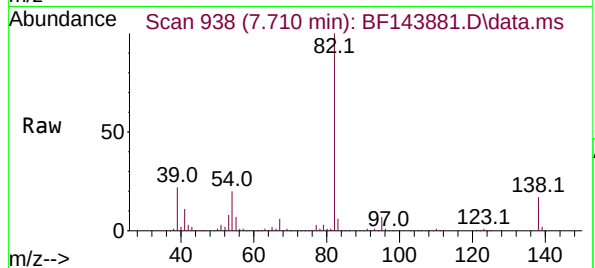




#25  
Isophorone  
Concen: 57.290 ng  
RT: 7.710 min Scan# 937  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

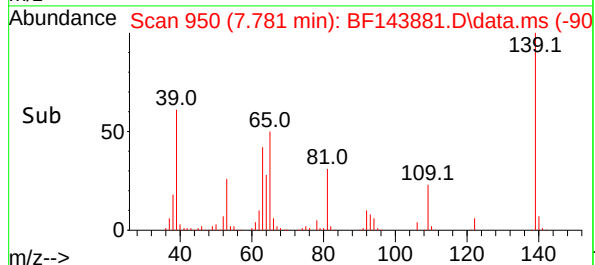
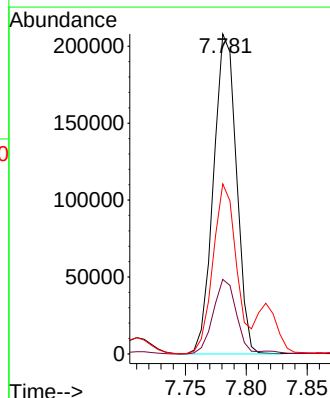
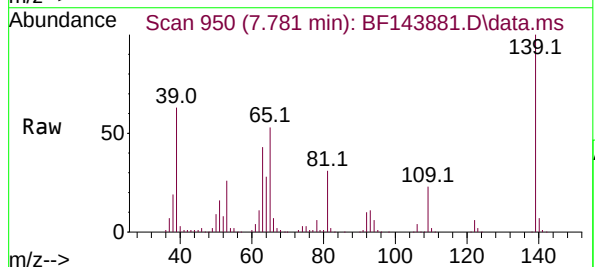
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

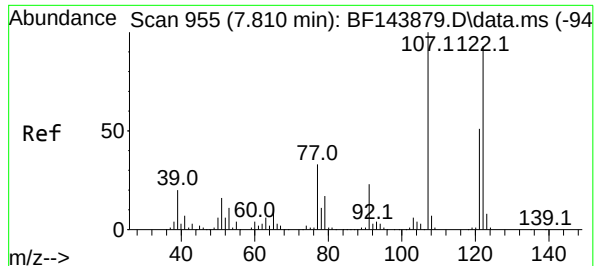
Tgt Ion: 82 Resp: 1042198  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 16.7 12.9 19.3



#26  
2-Nitrophenol  
Concen: 66.327 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 139 Resp: 272450  
Ion Ratio Lower Upper  
139 100  
109 23.3 19.8 29.6  
65 53.1 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 59.187 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

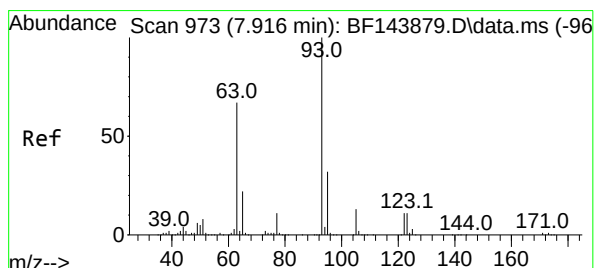
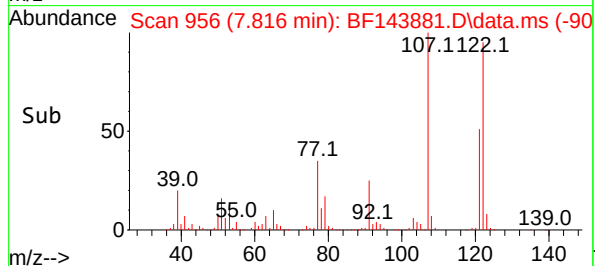
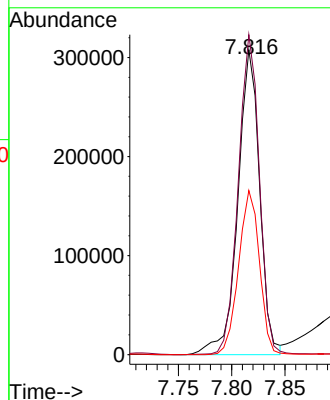
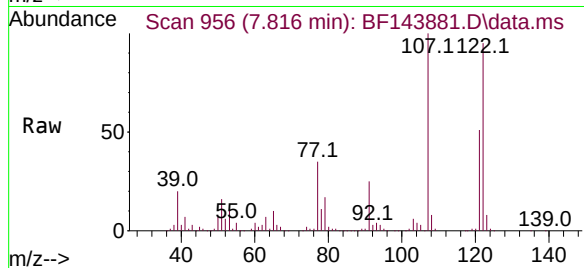
Tgt Ion:122 Resp: 437344

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 53.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 54.917 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

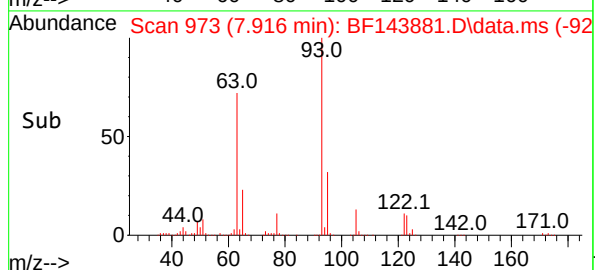
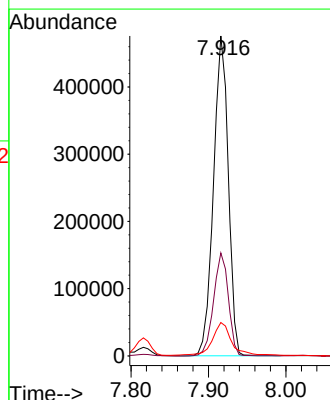
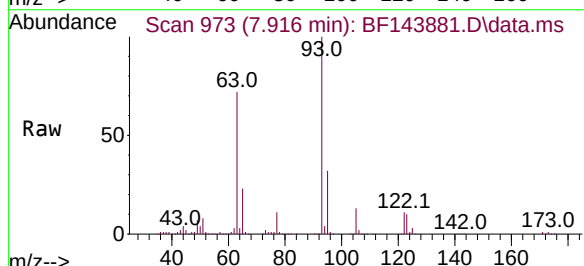
Tgt Ion: 93 Resp: 631066

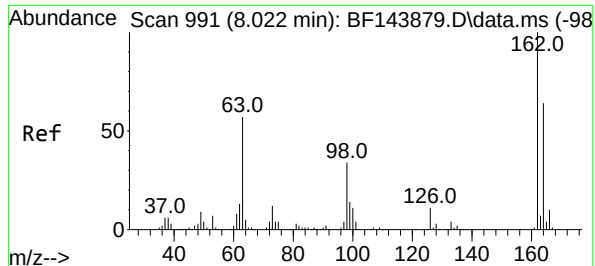
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.524 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

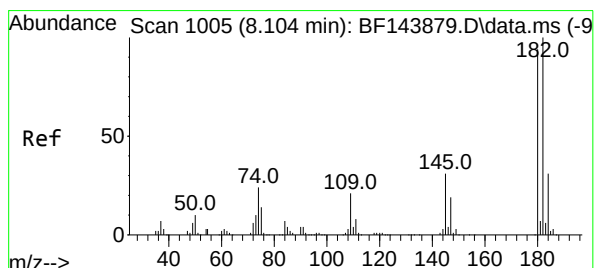
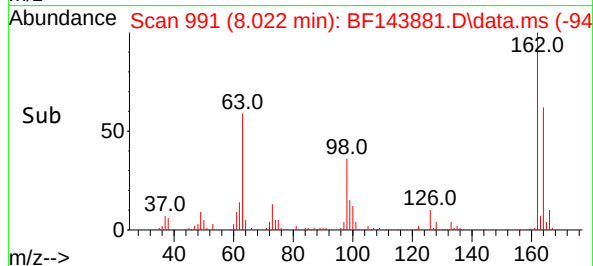
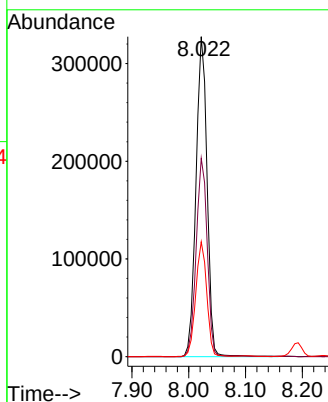
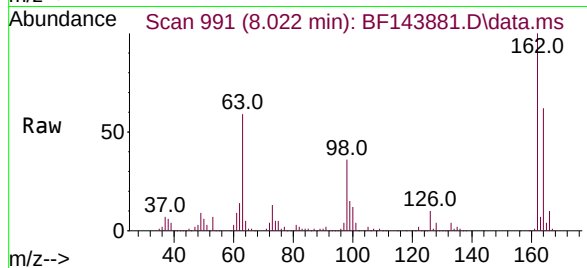
Tgt Ion:162 Resp: 442749

Ion Ratio Lower Upper

162 100

164 62.0 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 56.555 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

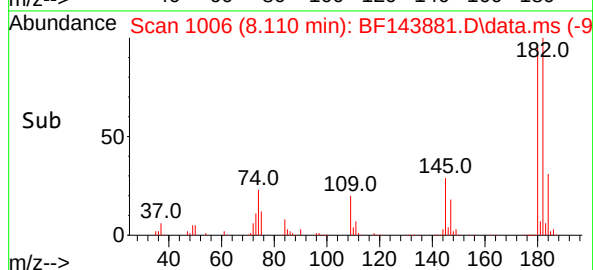
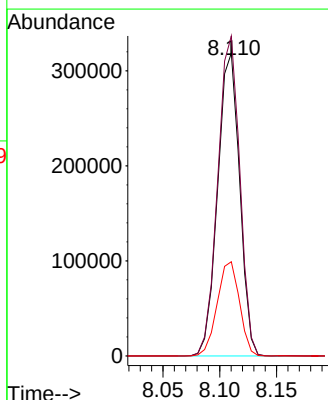
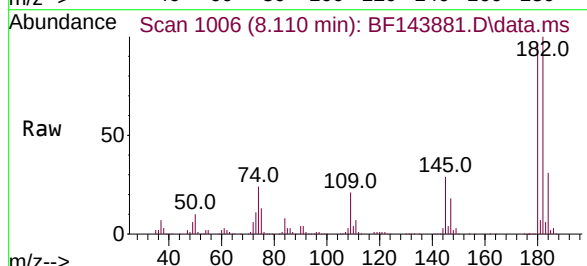
Tgt Ion:180 Resp: 428102

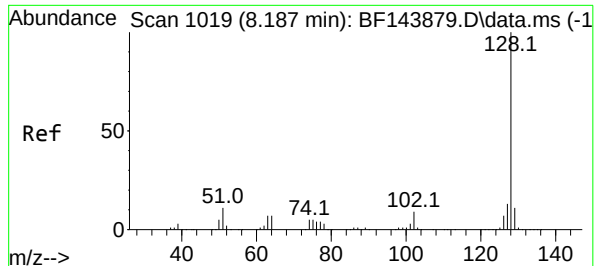
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 31.1 26.3 39.5





#31

Naphthalene

Concen: 53.874 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

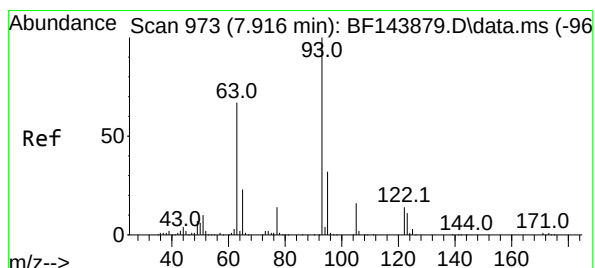
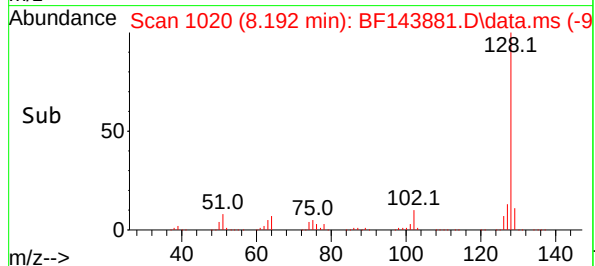
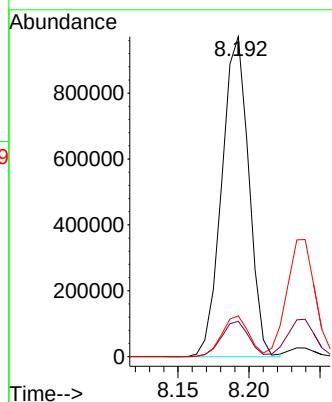
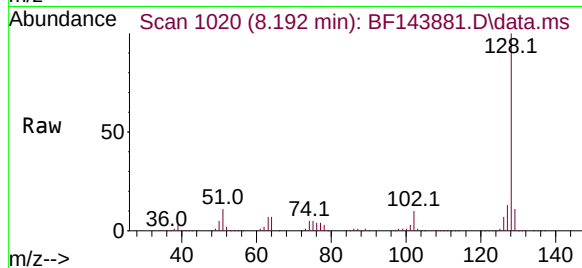
Tgt Ion:128 Resp: 1284573

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 68.237 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.023 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

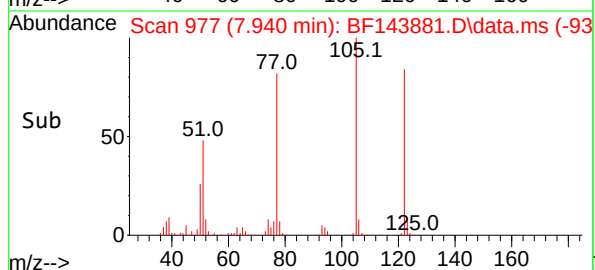
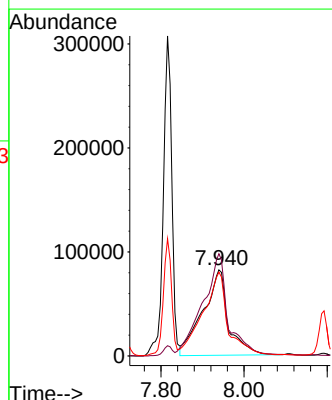
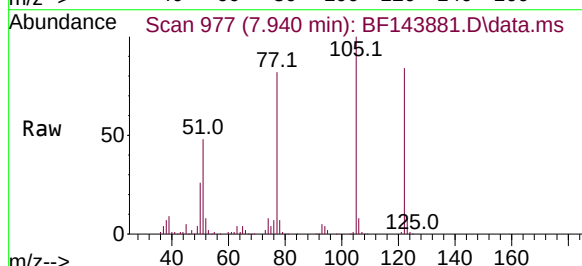
Tgt Ion:122 Resp: 348955

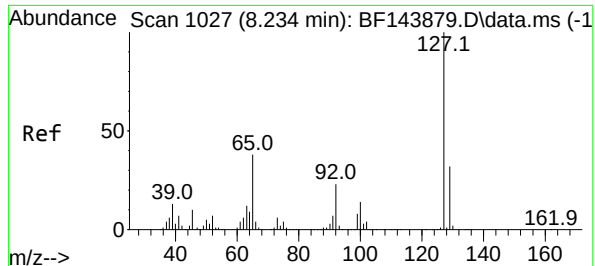
Ion Ratio Lower Upper

122 100

105 118.8 93.5 133.5

77 97.3 76.3 116.3

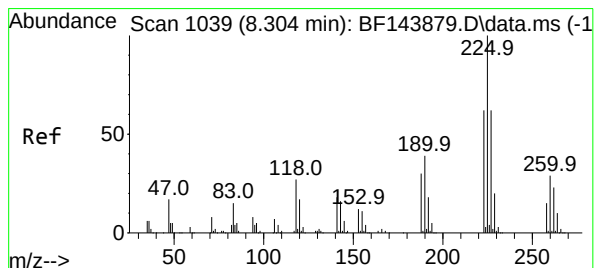
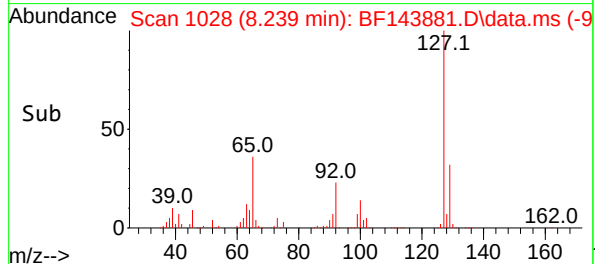
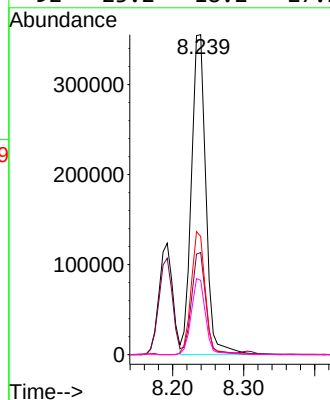
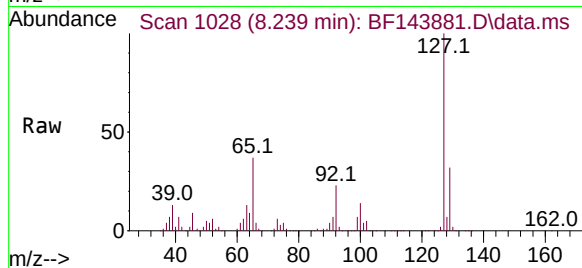




#33  
4-Chloroaniline  
Concen: 56.451 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

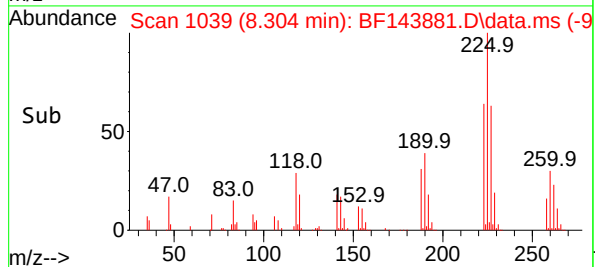
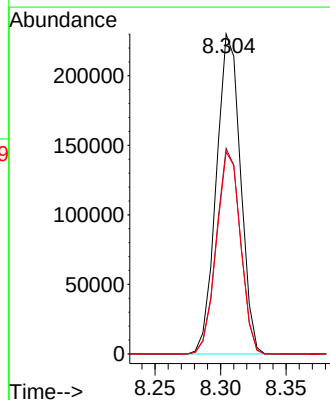
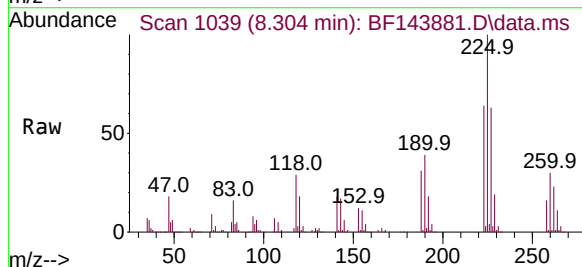
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

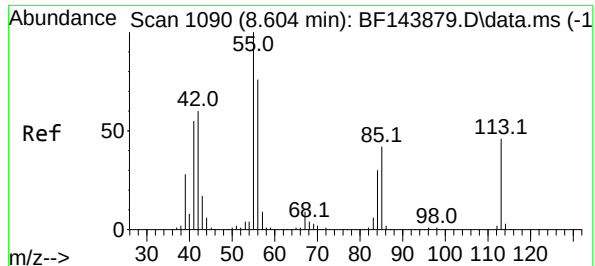
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 504823 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.8  | 38.8   |
| 65       | 36.9  | 30.0  | 45.0   |
| 92       | 23.2  | 18.2  | 27.2   |



#34  
Hexachlorobutadiene  
Concen: 55.989 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 294507 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 49.4  | 74.2   |
| 227      | 63.1  | 49.7  | 74.5   |





#35

Caprolactam

Concen: 60.055 ng

RT: 8.622 min Scan# 1090

Delta R.T. -0.023 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

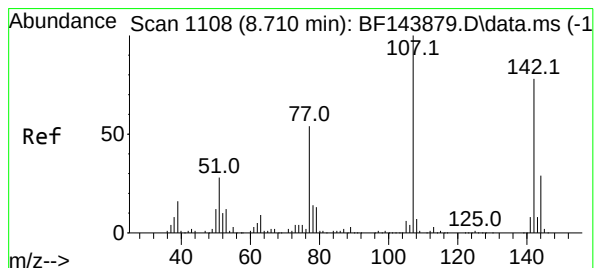
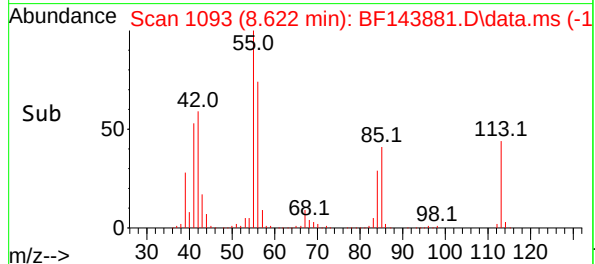
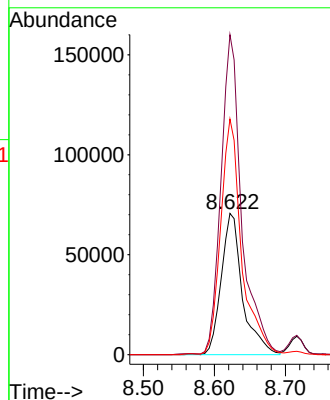
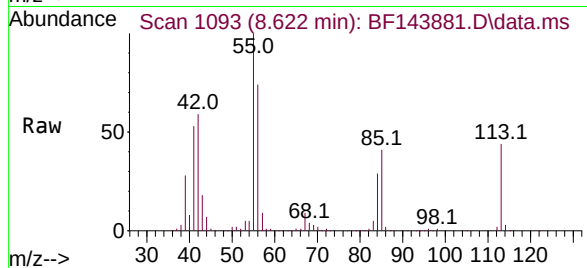
Tgt Ion:113 Resp: 146970

Ion Ratio Lower Upper

113 100

55 226.6 199.6 239.6

56 166.8 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 57.336 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

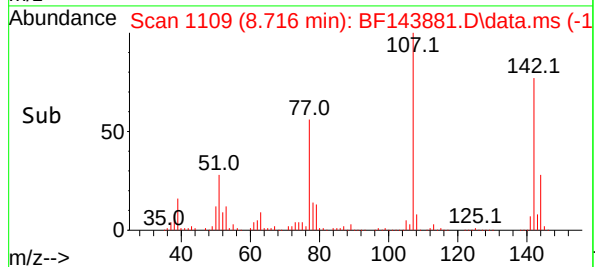
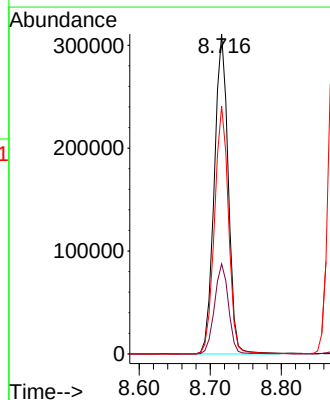
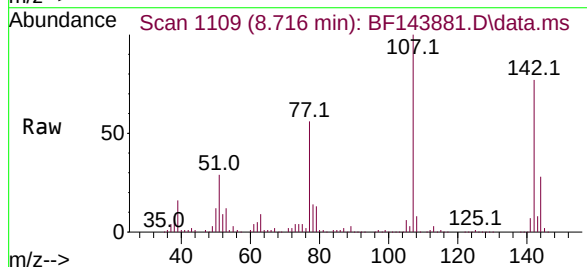
Tgt Ion:107 Resp: 423904

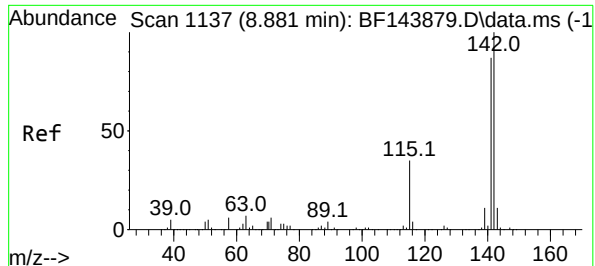
Ion Ratio Lower Upper

107 100

144 28.1 23.1 34.7

142 77.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 52.814 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

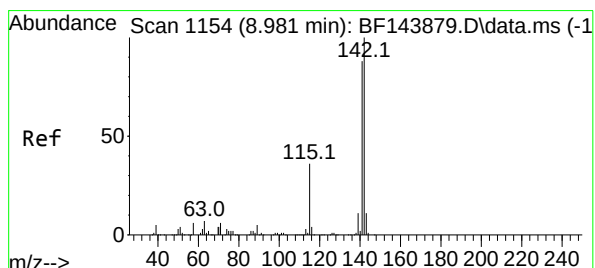
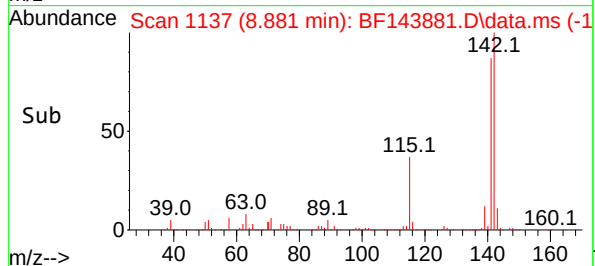
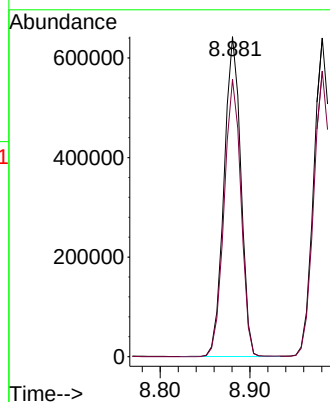
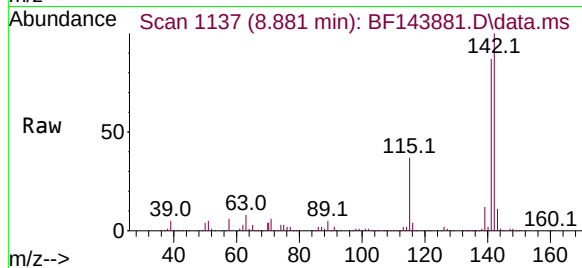
SSTDICC060

Tgt Ion:142 Resp: 838837

Ion Ratio Lower Upper

142 100

141 86.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 53.405 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143881.D

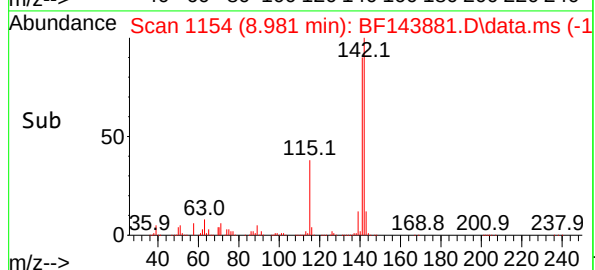
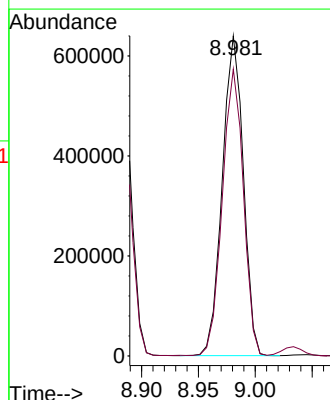
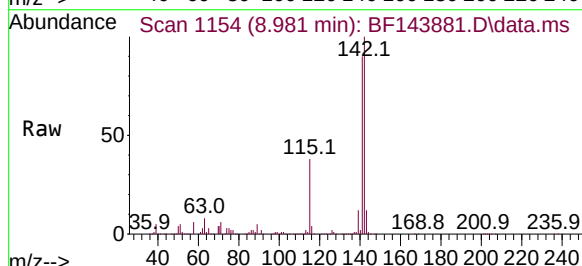
Acq: 06 Oct 2025 13:53

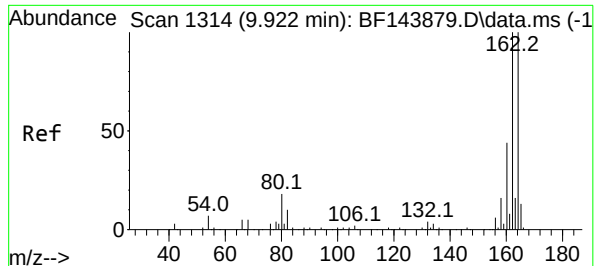
Tgt Ion:142 Resp: 822755

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

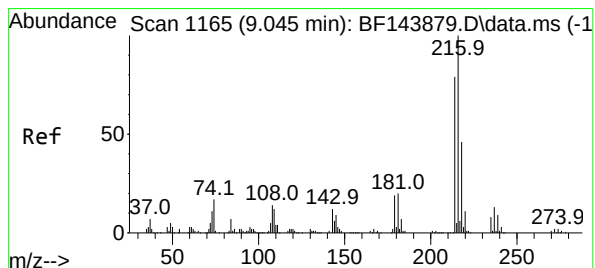
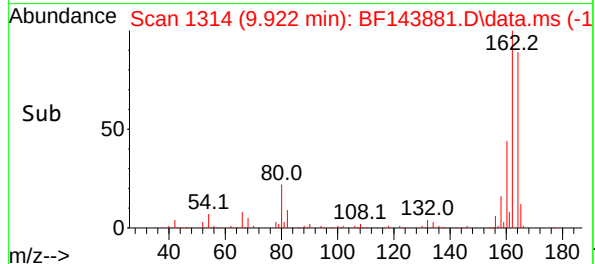
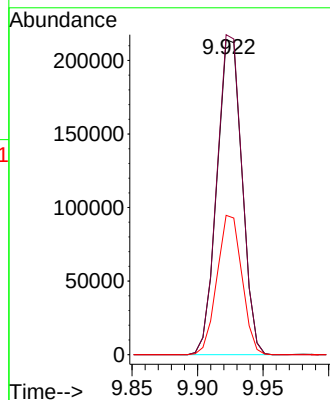
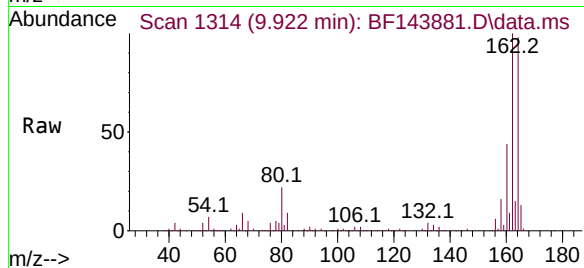




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.005 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

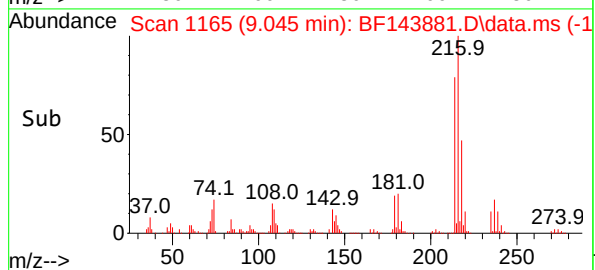
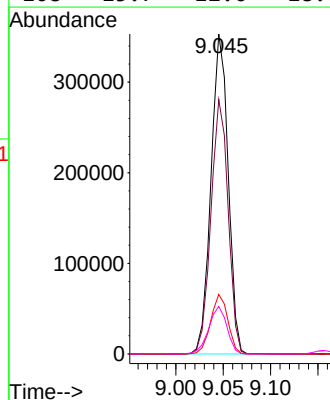
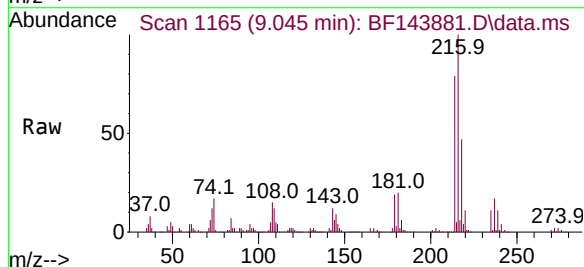
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:164 Resp: 286024  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.2 120.2  
160 44.2 35.4 53.0

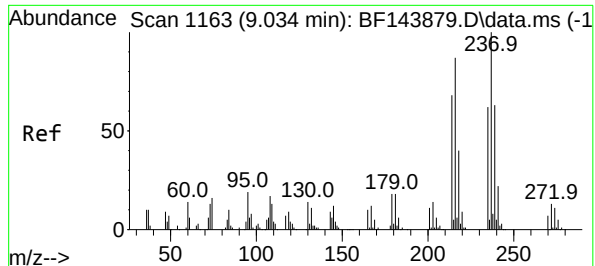


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 56.382 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:216 Resp: 445714  
Ion Ratio Lower Upper  
216 100  
214 79.6 62.6 94.0  
179 18.5 15.4 23.0  
108 15.7 12.0 18.0



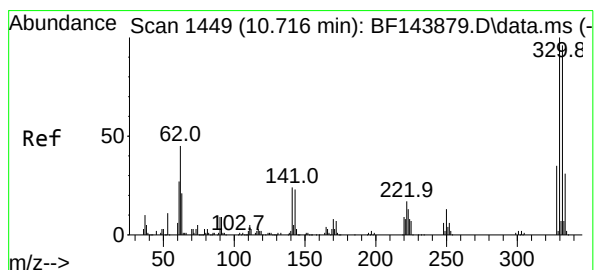
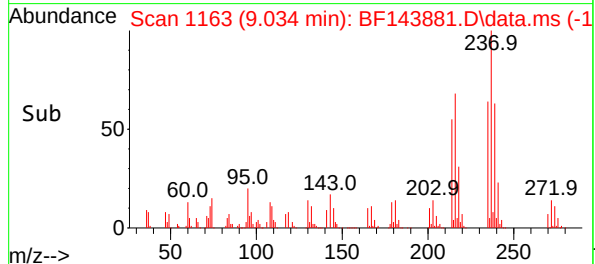
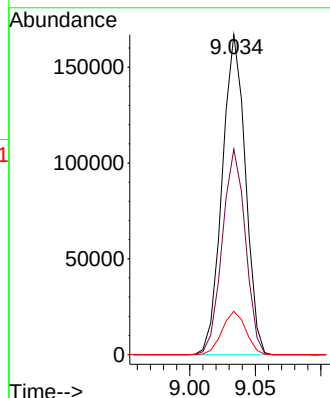
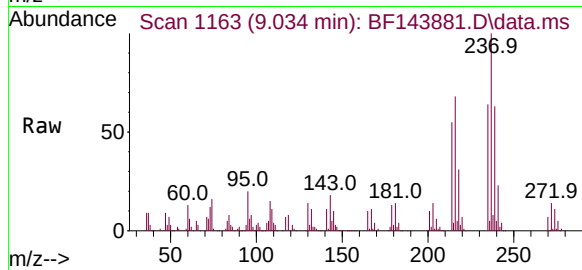




#41  
Hexachlorocyclopentadiene  
Concen: 62.806 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

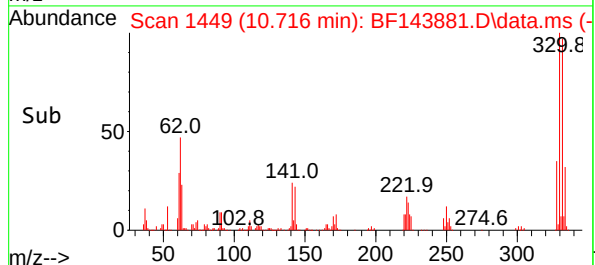
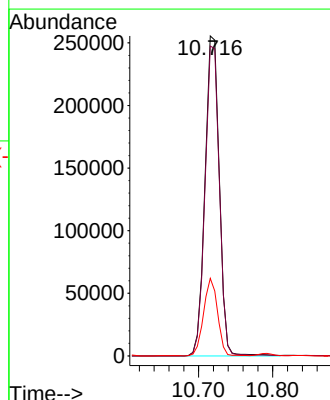
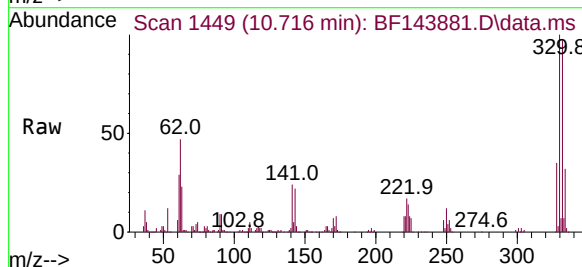
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

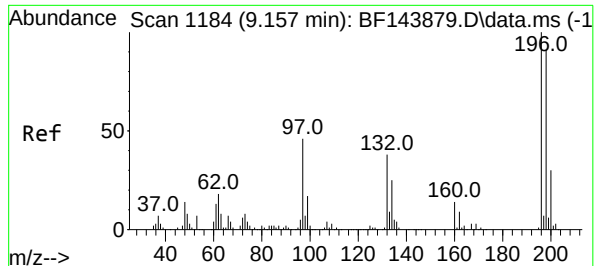
Tgt Ion: 237 Resp: 205978  
Ion Ratio Lower Upper  
237 100  
235 64.2 42.3 82.3  
272 13.5 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 120.554 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 330 Resp: 343442  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.9 115.3  
141 23.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 58.657 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

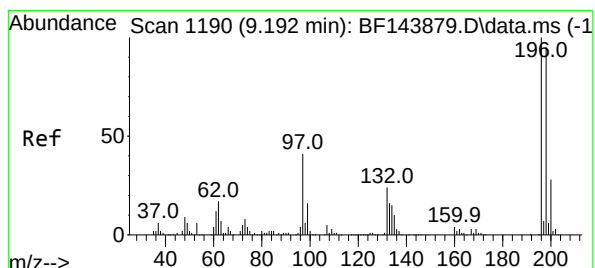
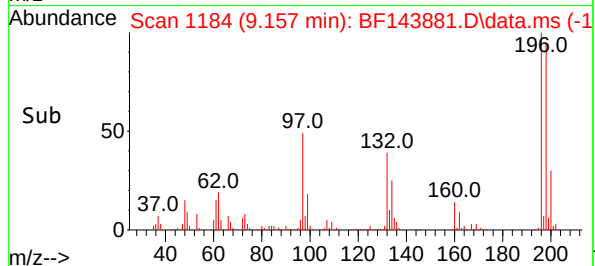
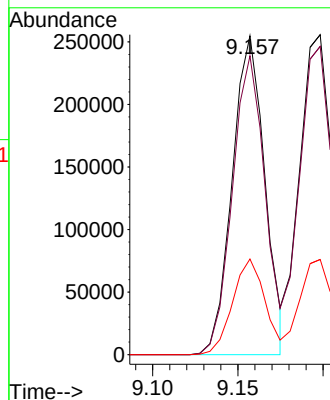
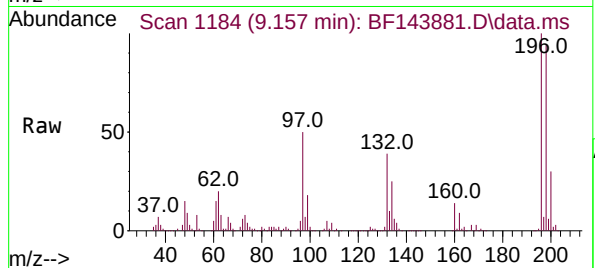
Tgt Ion:196 Resp: 338809

Ion Ratio Lower Upper

196 100

198 93.7 72.8 109.2

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 56.620 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:196 Resp: 345605

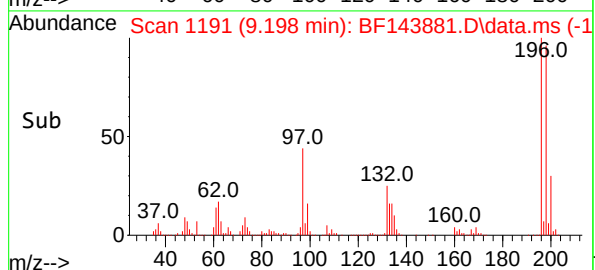
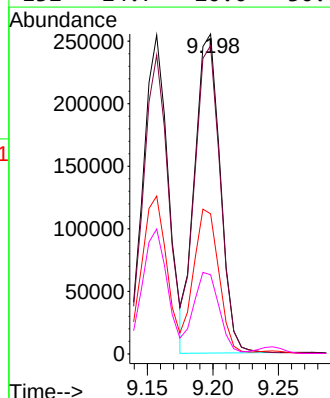
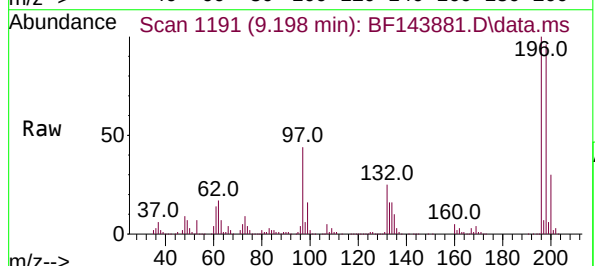
Ion Ratio Lower Upper

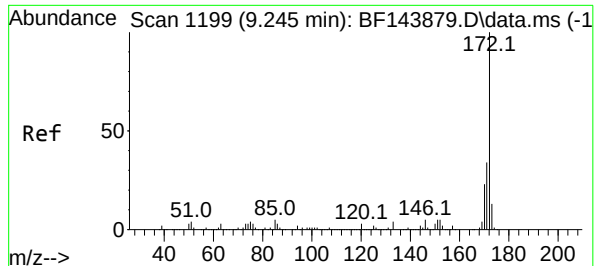
196 100

198 96.3 75.5 113.3

97 43.8 33.9 50.9

132 24.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 97.871 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

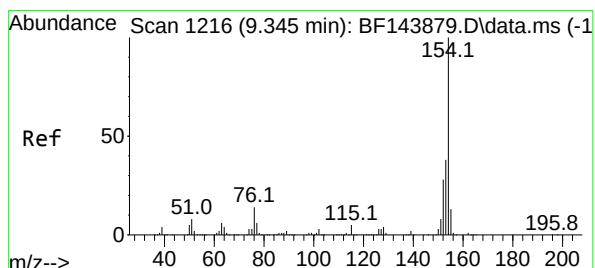
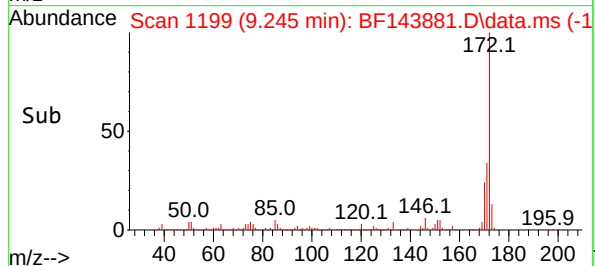
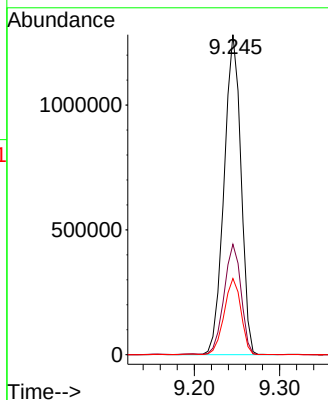
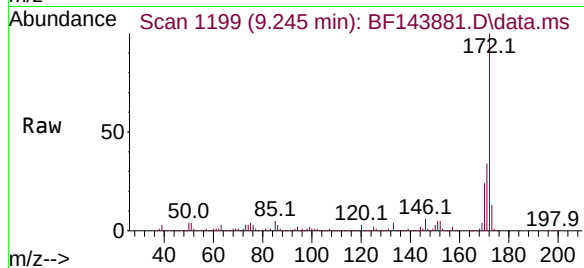
Tgt Ion:172 Resp: 1764203

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.040 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

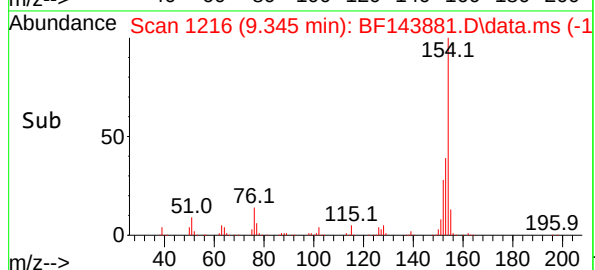
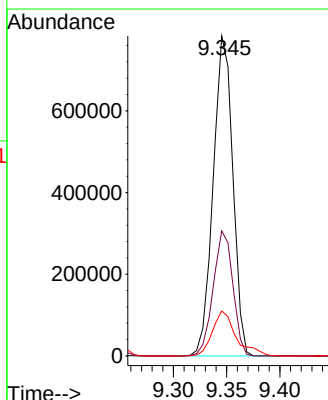
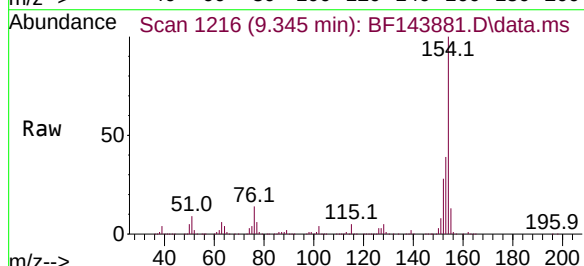
Tgt Ion:154 Resp: 1004440

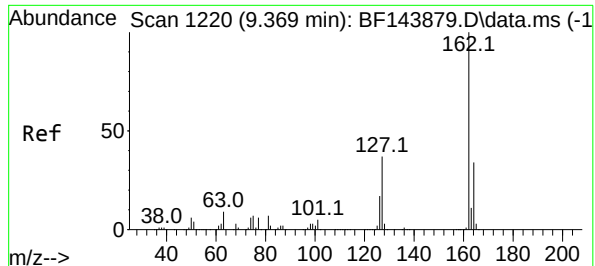
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 54.531 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

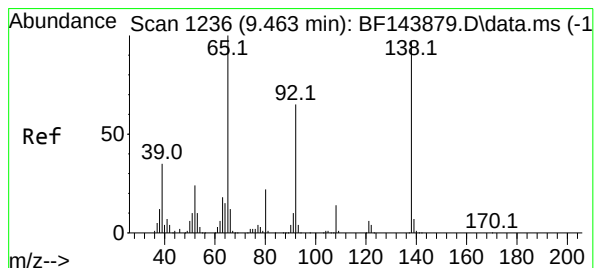
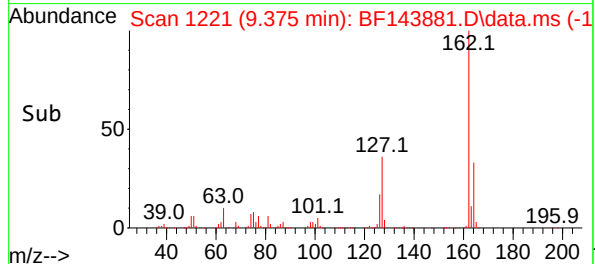
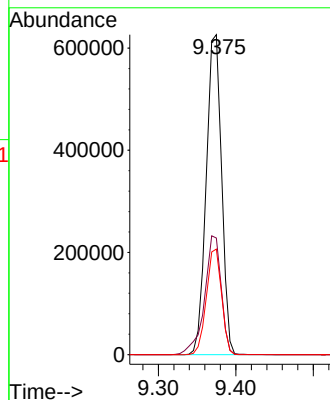
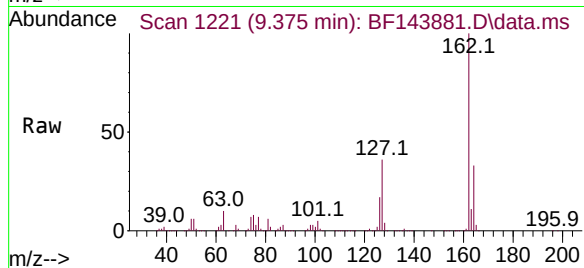
Tgt Ion:162 Resp: 860999

Ion Ratio Lower Upper

162 100

127 36.4 30.2 45.2

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 62.679 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

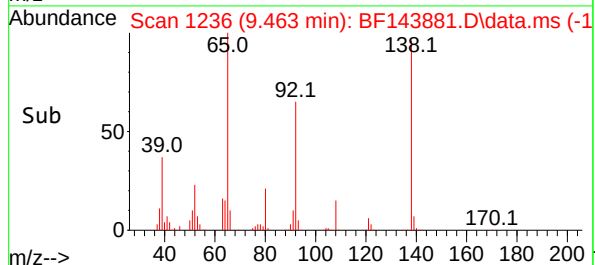
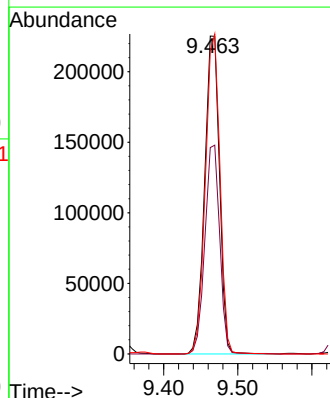
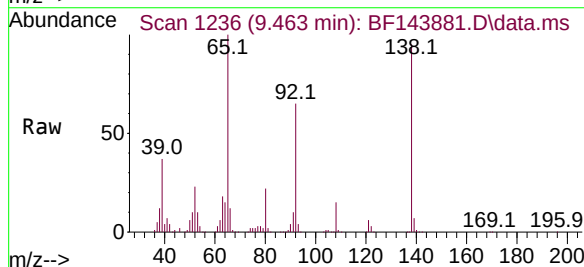
Tgt Ion: 65 Resp: 312884

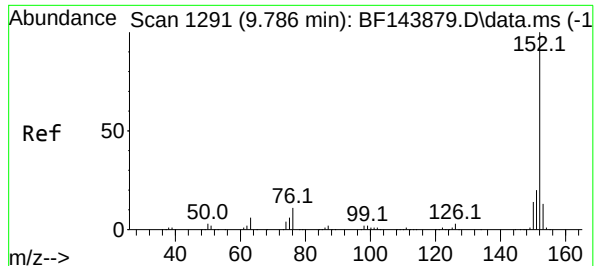
Ion Ratio Lower Upper

65 100

92 64.9 52.1 78.1

138 95.3 77.4 116.2





#49

Acenaphthylene

Concen: 55.140 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

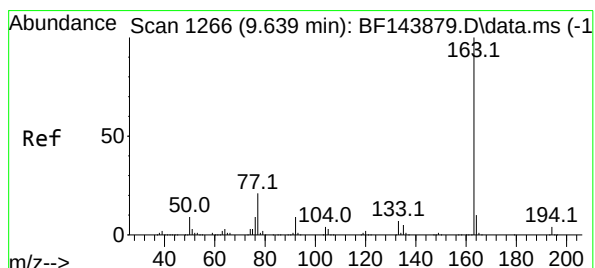
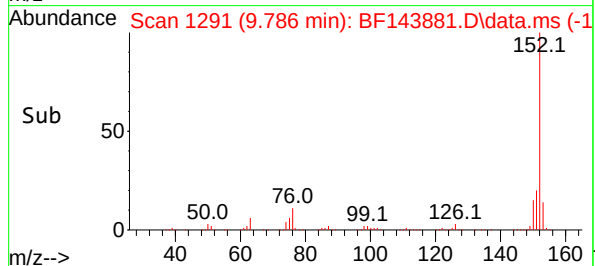
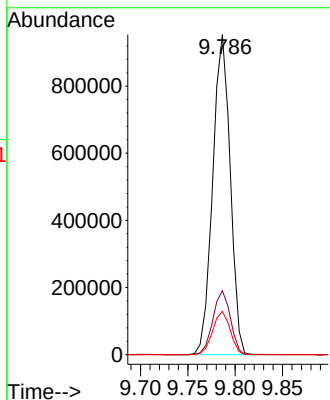
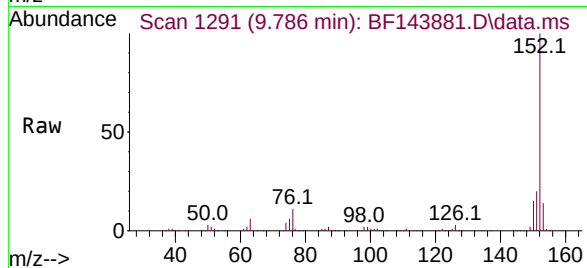
Tgt Ion:152 Resp: 1223951

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 56.783 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

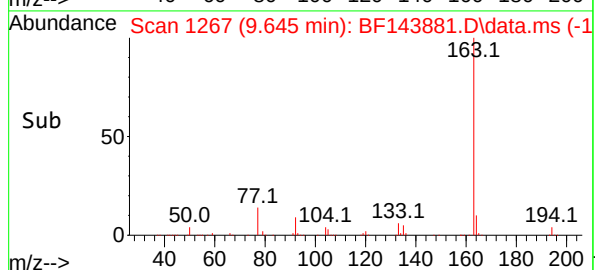
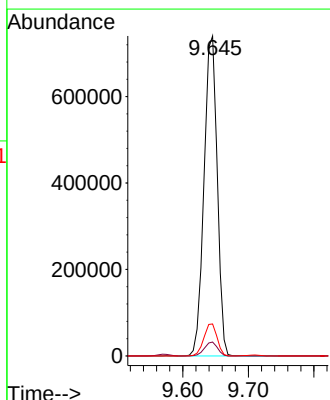
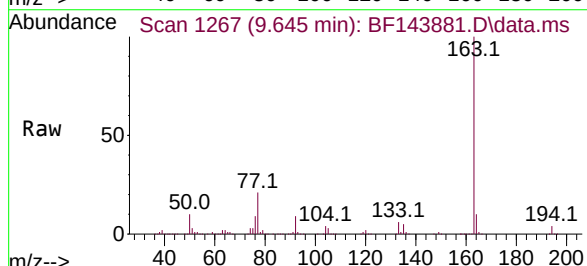
Tgt Ion:163 Resp: 1031391

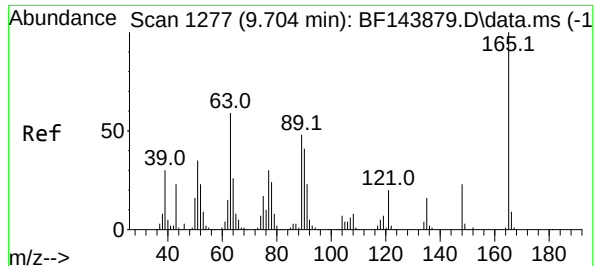
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.1 12.1

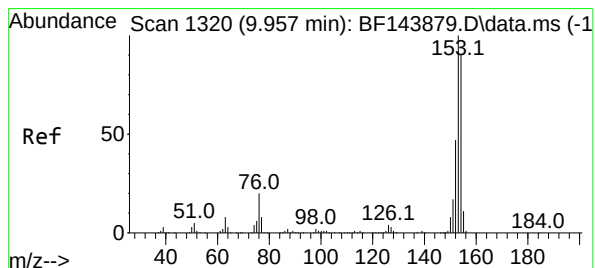
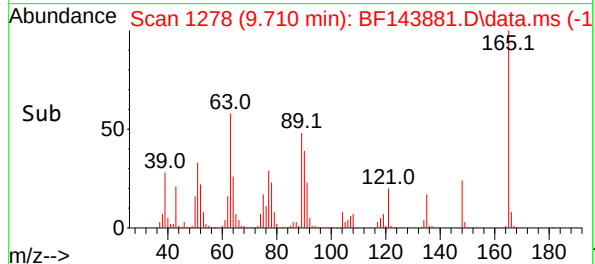
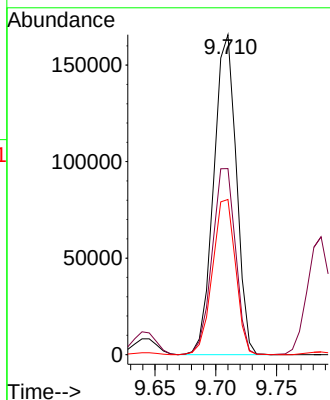
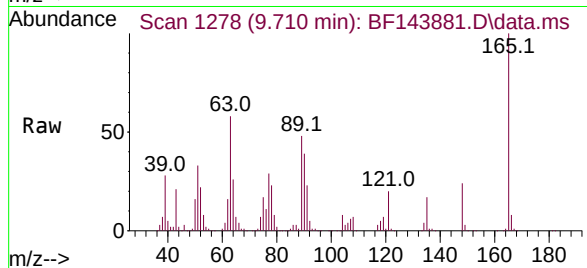




#51  
2,6-Dinitrotoluene  
Concen: 63.587 ng  
RT: 9.710 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

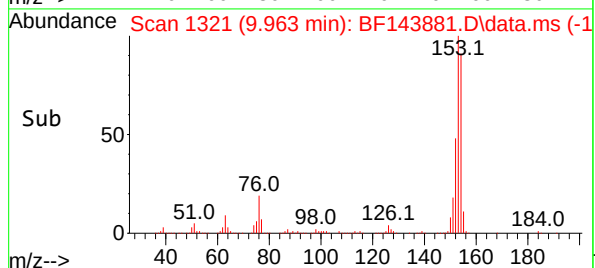
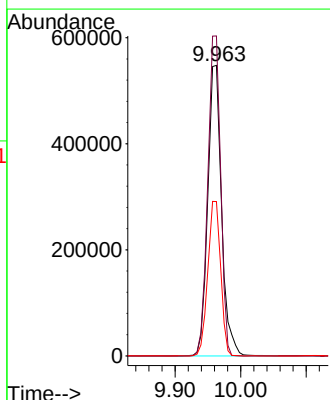
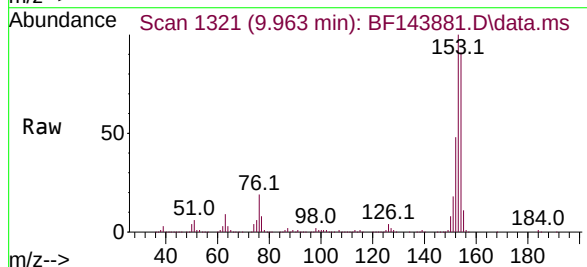
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

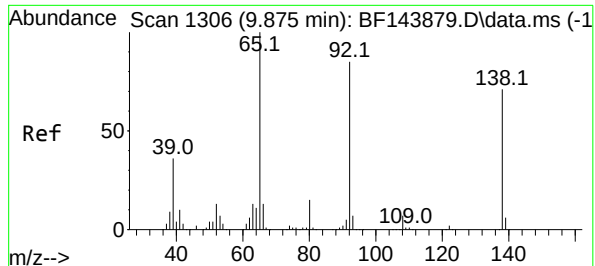
Tgt Ion:165 Resp: 214169  
Ion Ratio Lower Upper  
165 100  
63 58.1 47.3 70.9  
89 48.5 38.2 57.4



#52  
Acenaphthene  
Concen: 55.124 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:154 Resp: 801773  
Ion Ratio Lower Upper  
154 100  
153 110.2 89.3 133.9  
152 53.1 42.2 63.2

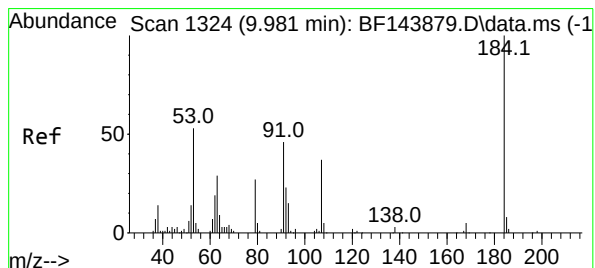
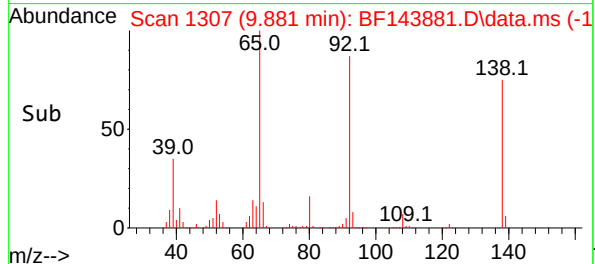
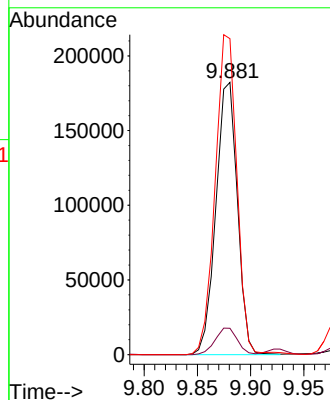
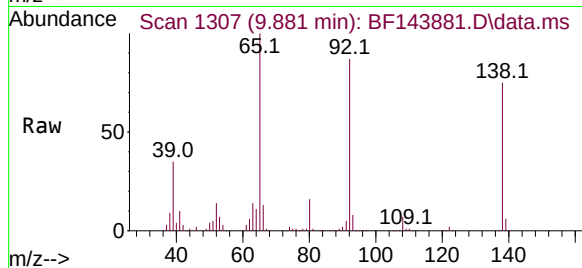




#53  
3-Nitroaniline  
Concen: 62.070 ng  
RT: 9.881 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

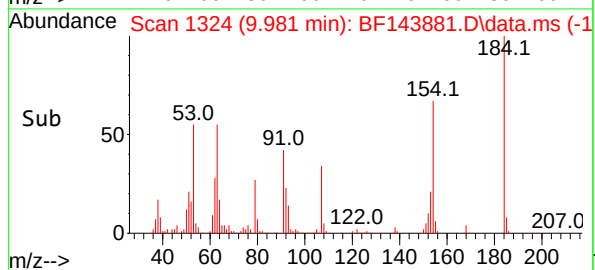
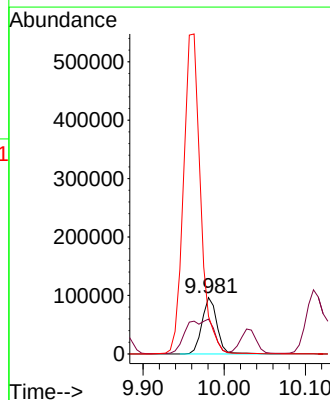
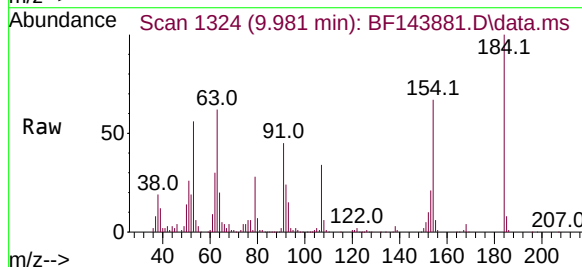
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

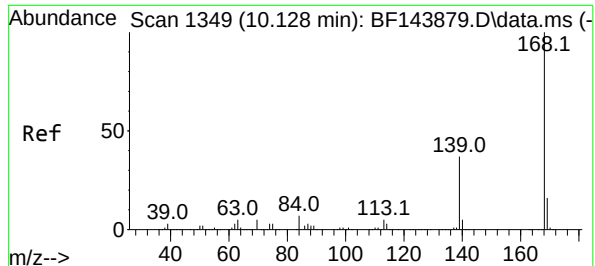
Tgt Ion:138 Resp: 255984  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.3 12.5  
92 116.1 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 61.138 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:184 Resp: 123295  
Ion Ratio Lower Upper  
184 100  
63 61.8 48.2 72.4  
154 66.8 49.2 73.8

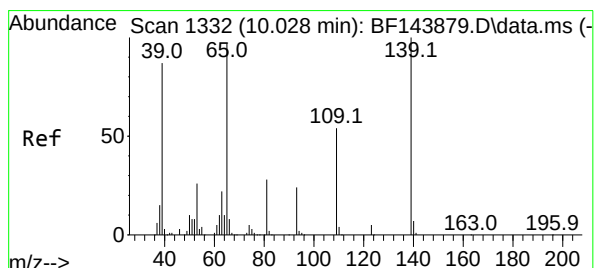
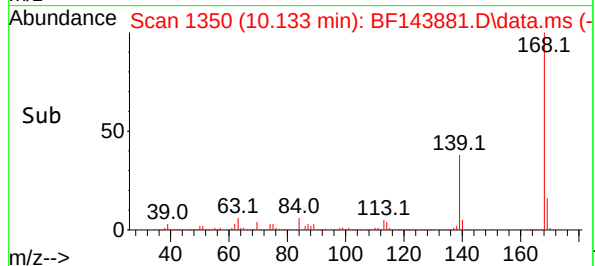
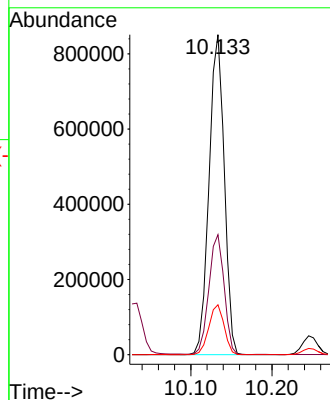
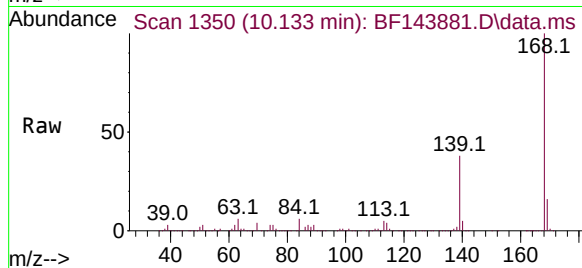




#55  
Dibenzofuran  
Concen: 54.120 ng  
RT: 10.133 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

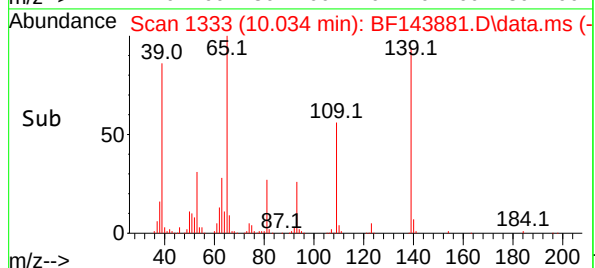
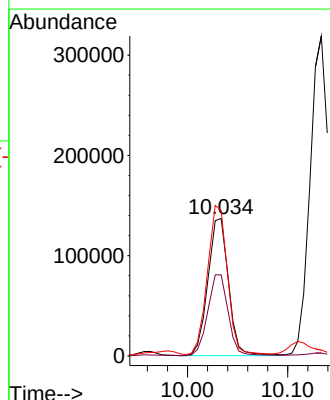
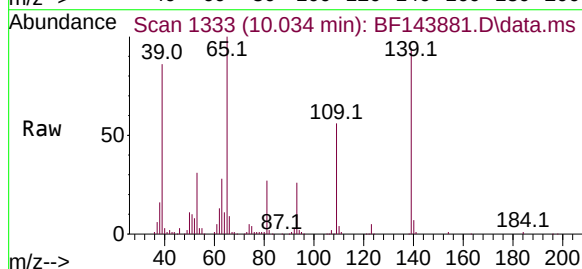
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:168 Resp: 1111183  
Ion Ratio Lower Upper  
168 100  
139 37.5 29.8 44.8  
169 15.6 12.8 19.2

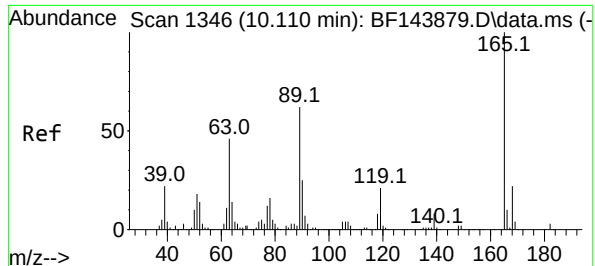


#56  
4-Nitrophenol  
Concen: 62.550 ng  
RT: 10.034 min Scan# 1333  
Delta R.T. -0.005 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:139 Resp: 195321  
Ion Ratio Lower Upper  
139 100  
109 59.0 34.5 74.5  
65 105.8 77.6 117.6



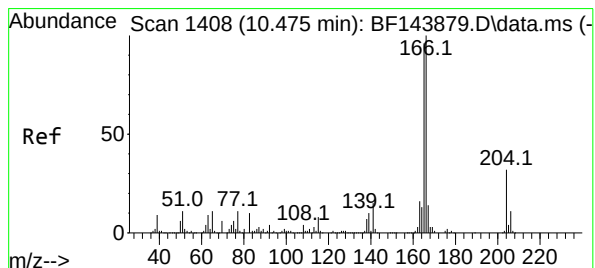
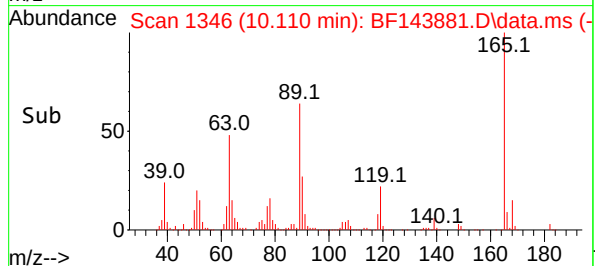
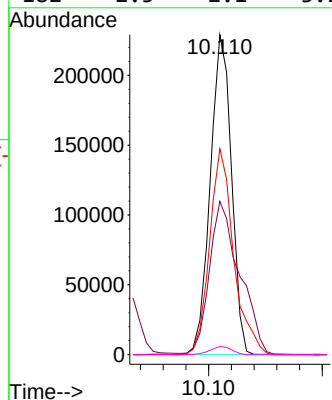
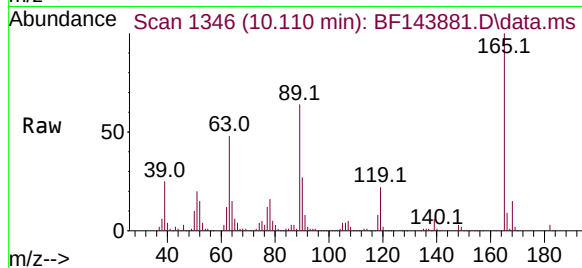




#57  
2,4-Dinitrotoluene  
Concen: 64.812 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

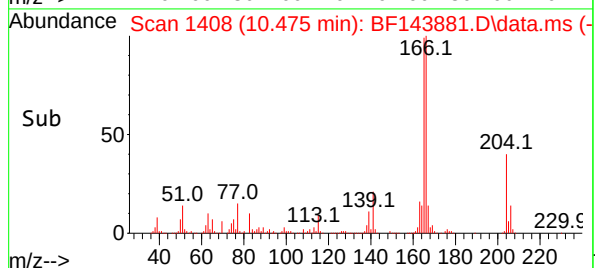
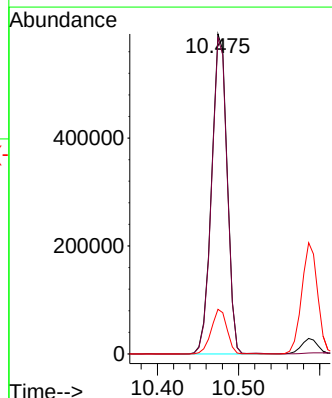
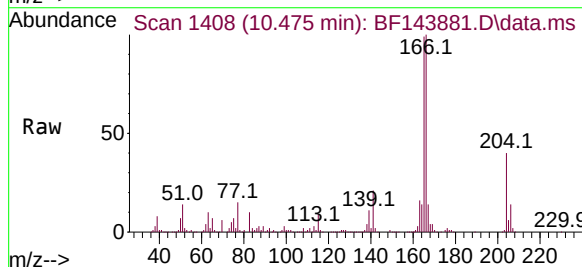
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

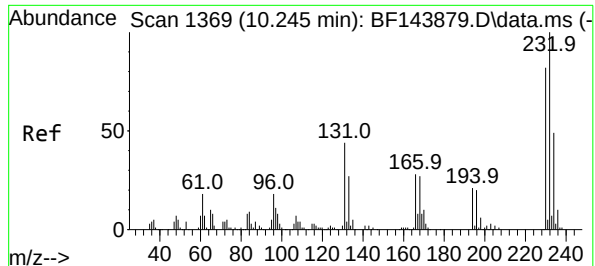
Tgt Ion:165 Resp: 297018  
Ion Ratio Lower Upper  
165 100  
63 47.9 37.2 55.8  
89 64.3 49.4 74.2  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 51.090 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

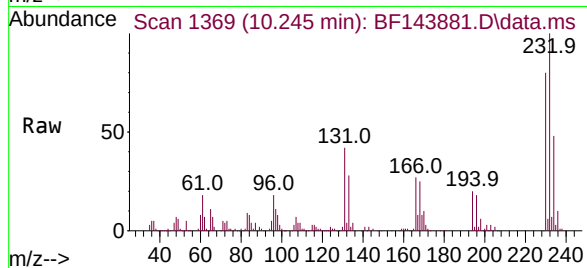
Tgt Ion:166 Resp: 791518  
Ion Ratio Lower Upper  
166 100  
165 98.8 77.0 115.6  
167 13.9 11.1 16.7



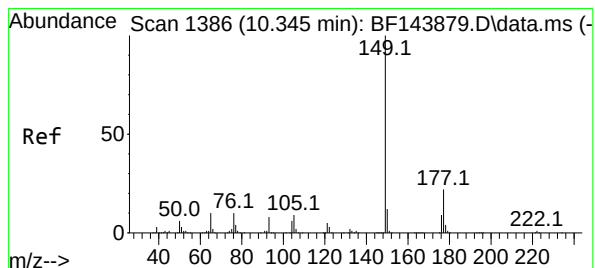
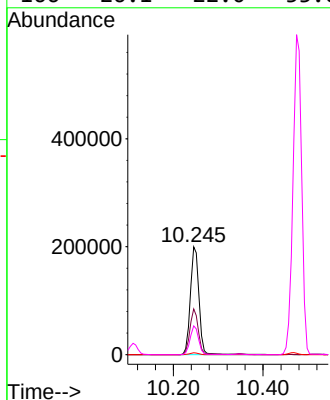
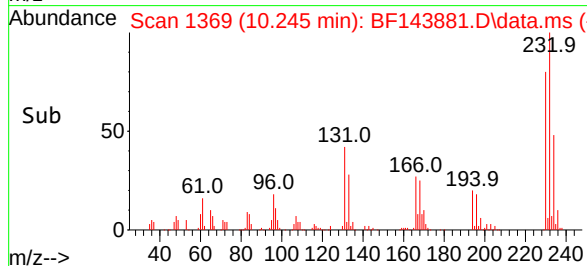


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 61.283 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

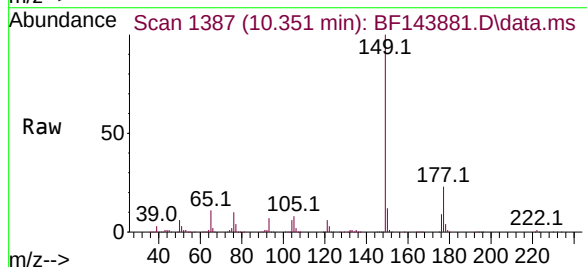
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



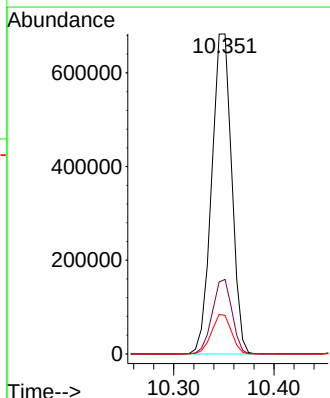
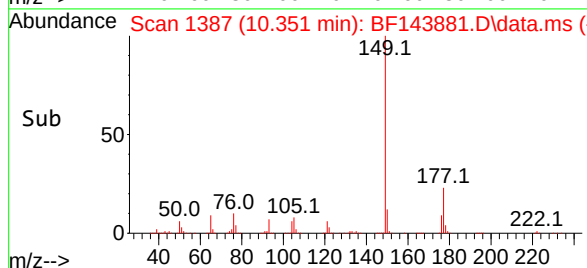
Tgt Ion:232 Resp: 264796  
Ion Ratio Lower Upper  
232 100  
131 41.1 34.9 52.3  
130 1.6 1.6 2.4#  
166 26.1 22.0 33.0

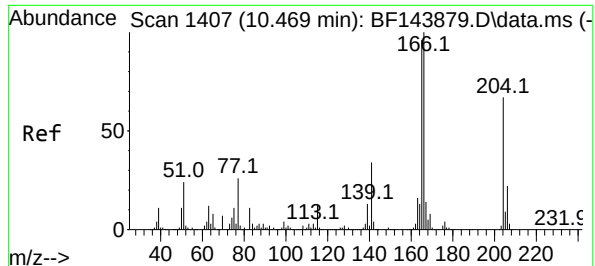


#60  
Diethylphthalate  
Concen: 56.214 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53



Tgt Ion:149 Resp: 948580  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.9 26.9  
150 12.0 9.8 14.8

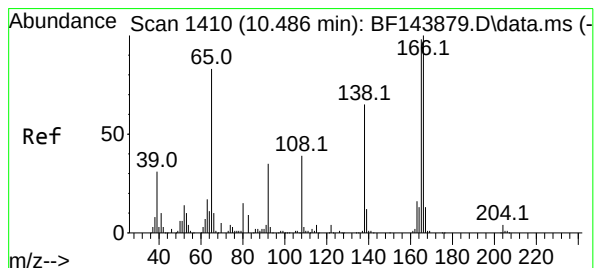
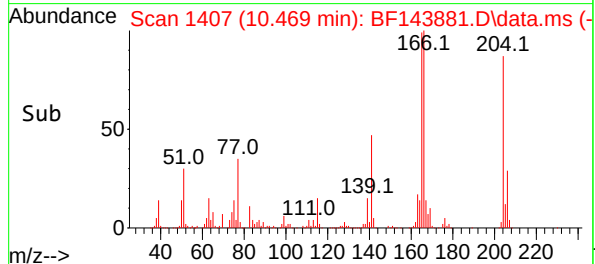
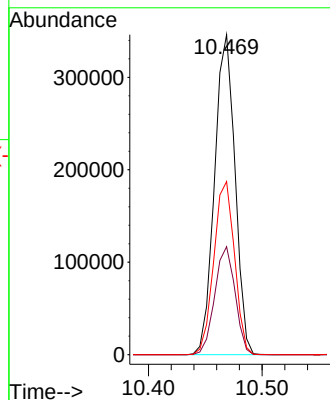
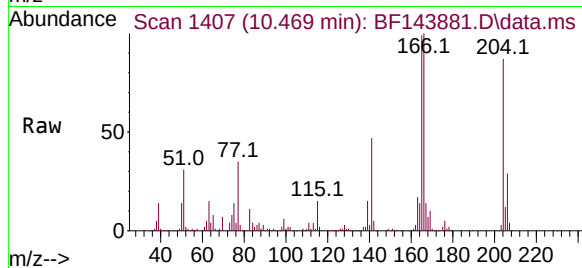




#61  
4-Chlorophenyl-phenylether  
Concen: 52.905 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

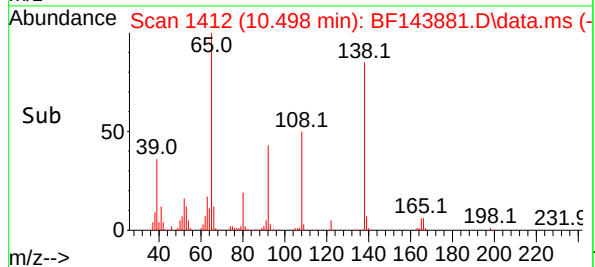
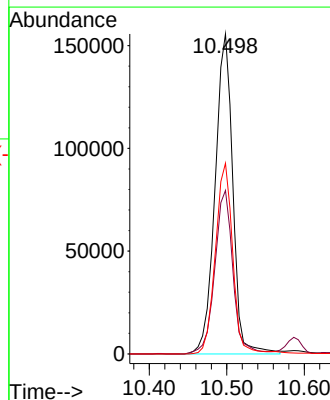
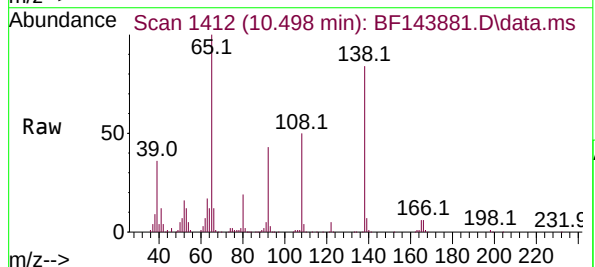
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

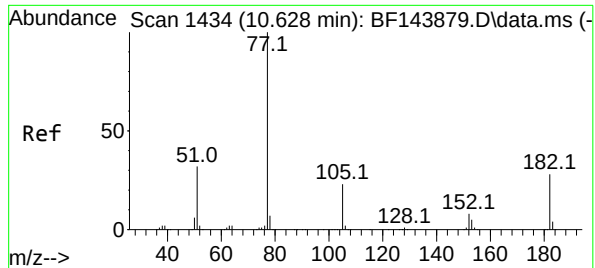
Tgt Ion:204 Resp: 433339  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.6 40.0  
141 54.1 40.4 60.6



#62  
4-Nitroaniline  
Concen: 62.288 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:138 Resp: 247024  
Ion Ratio Lower Upper  
138 100  
92 51.1 33.9 73.9  
108 59.6 40.2 80.2

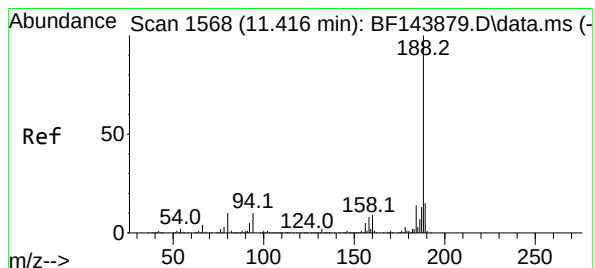
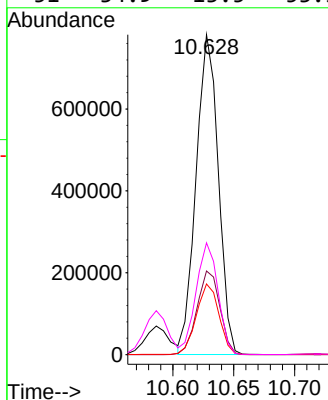
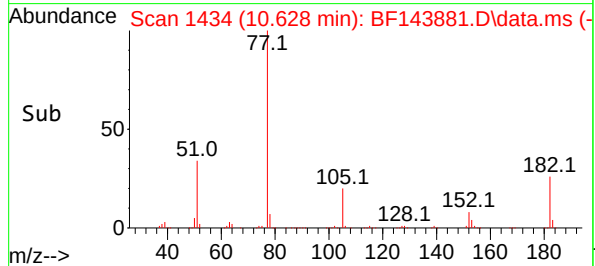
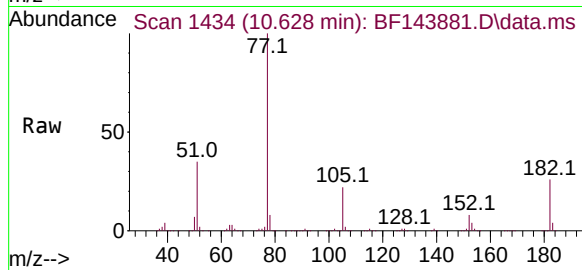




#63  
Azobenzene  
Concen: 56.252 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

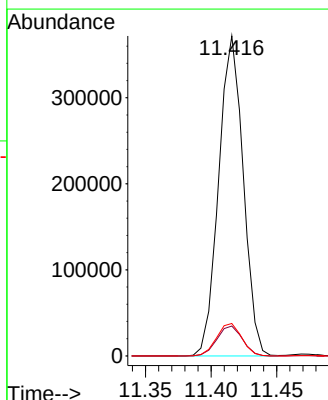
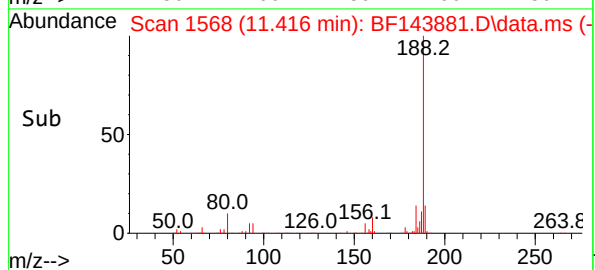
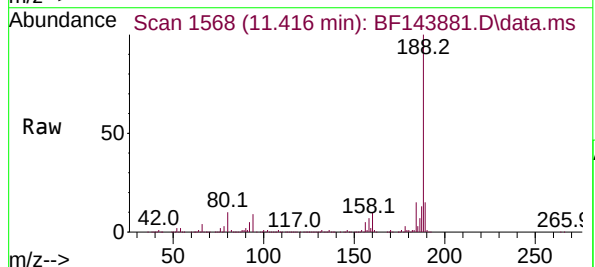
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

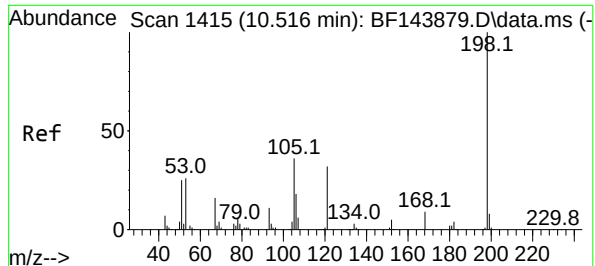
|             |                |
|-------------|----------------|
| Tgt Ion: 77 | Resp: 992054   |
| Ion Ratio   | Lower Upper    |
| 77          | 100            |
| 182         | 26.1 7.3 47.3  |
| 105         | 22.1 3.0 43.0  |
| 51          | 34.9 13.5 53.5 |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

|              |               |
|--------------|---------------|
| Tgt Ion: 188 | Resp: 485489  |
| Ion Ratio    | Lower Upper   |
| 188          | 100           |
| 94           | 9.3 7.8 11.6  |
| 80           | 10.1 7.9 11.9 |

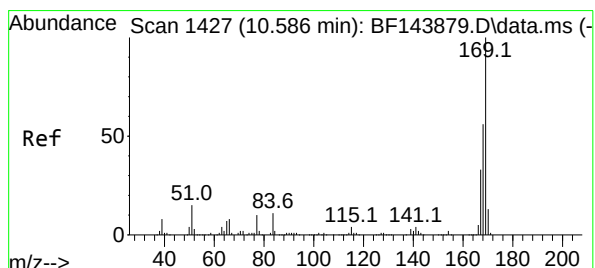
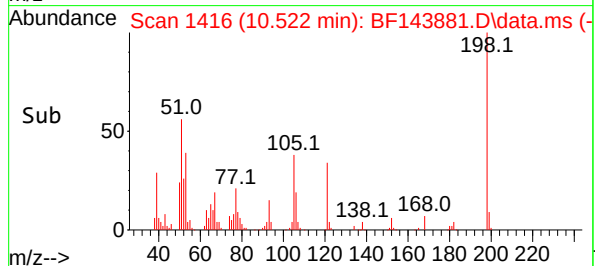
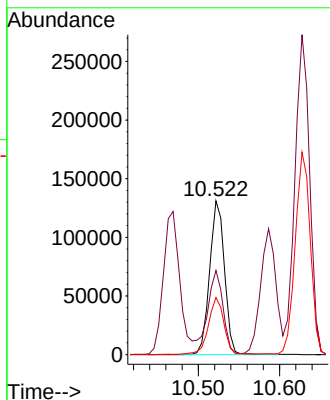
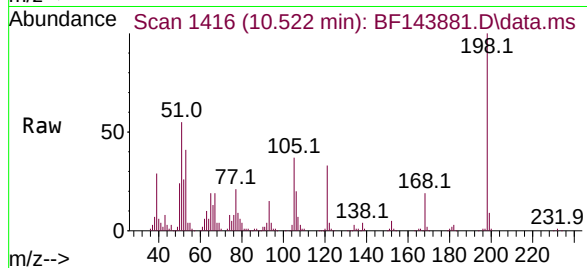




#65  
4,6-Dinitro-2-methylphenol  
Concen: 68.344 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

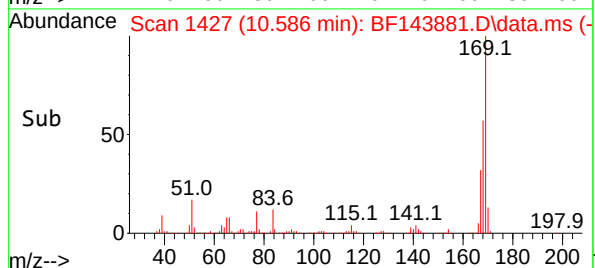
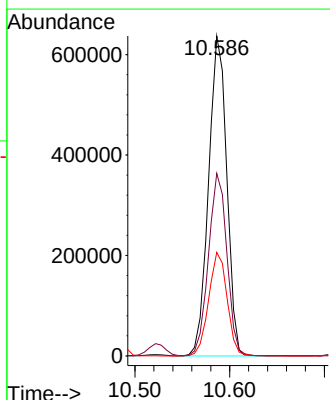
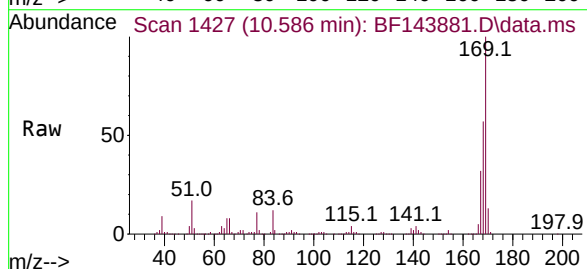
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

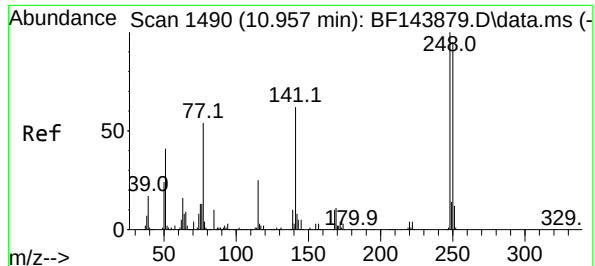
Tgt Ion:198 Resp: 166740  
Ion Ratio Lower Upper  
198 100  
51 54.7 33.8 73.8  
105 37.2 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 55.797 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

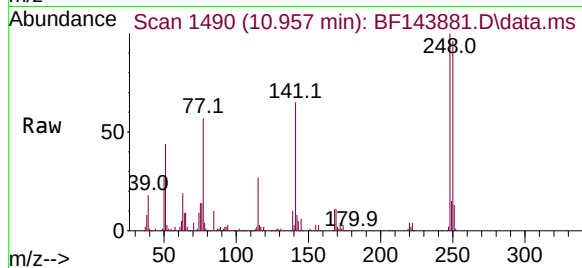
Tgt Ion:169 Resp: 850570  
Ion Ratio Lower Upper  
169 100  
168 57.0 44.9 67.3  
167 32.3 26.3 39.5



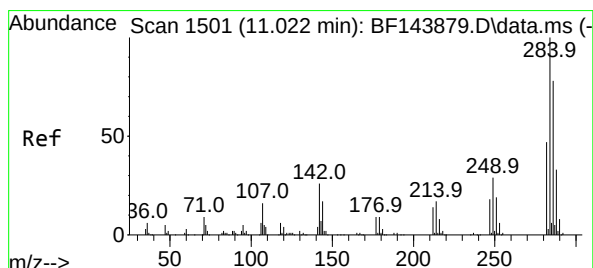
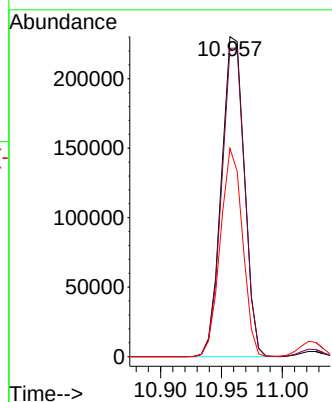
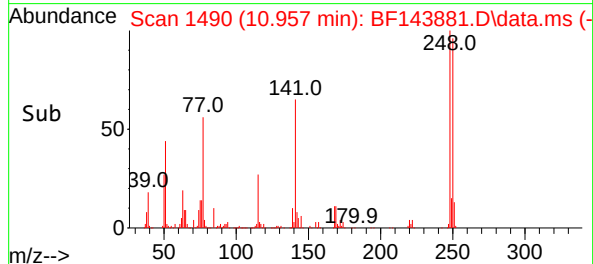


#67  
4-Bromophenyl-phenylether  
Concen: 56.317 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

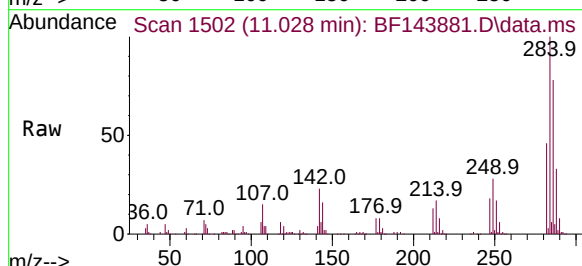
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



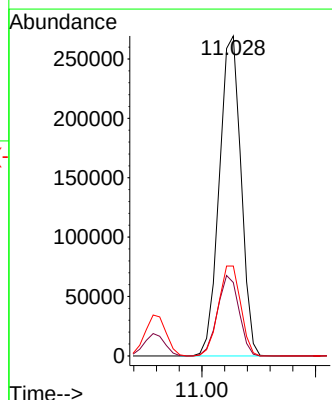
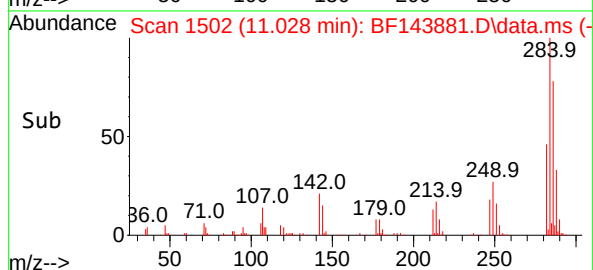
Tgt Ion:248 Resp: 302165  
Ion Ratio Lower Upper  
248 100  
250 96.4 76.3 114.5  
141 65.1 49.7 74.5

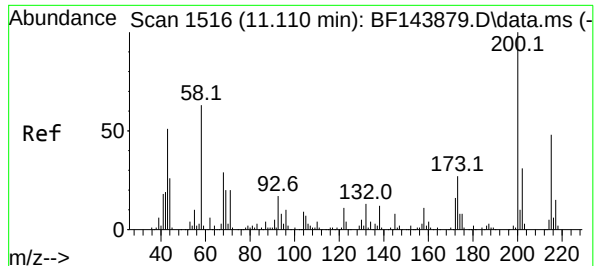


#68  
Hexachlorobenzene  
Concen: 57.378 ng  
RT: 11.028 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53



Tgt Ion:284 Resp: 356406  
Ion Ratio Lower Upper  
284 100  
142 22.9 20.6 30.8  
249 28.1 23.2 34.8





#69

Atrazine

Concen: 55.713 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

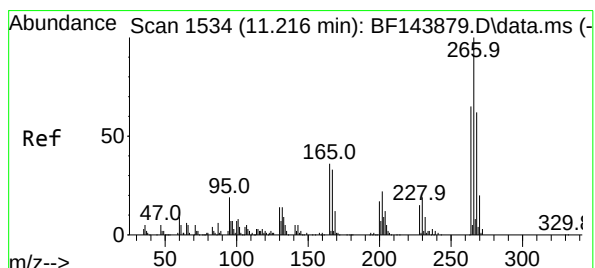
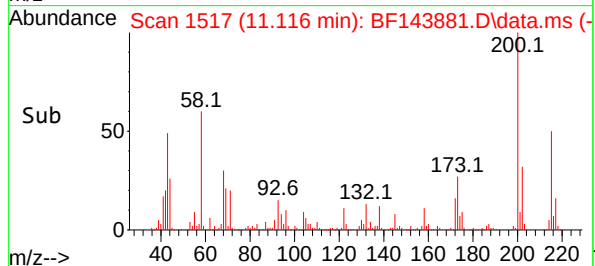
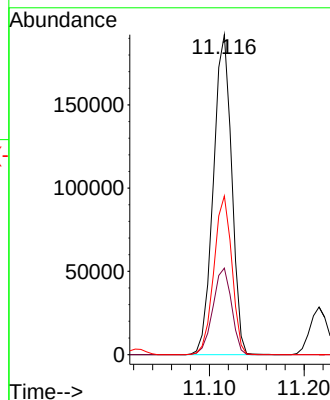
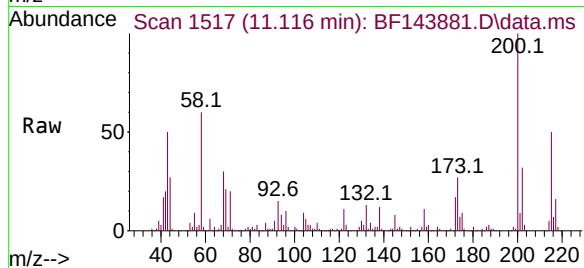
Tgt Ion:200 Resp: 257412

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 49.6 27.8 67.8



#70

Pentachlorophenol

Concen: 62.792 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

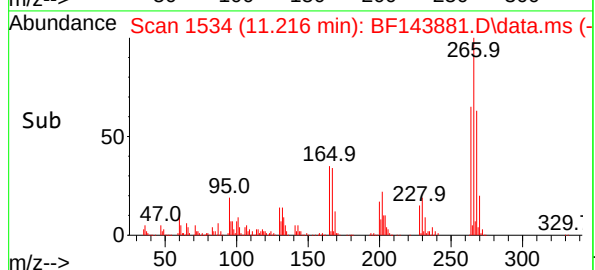
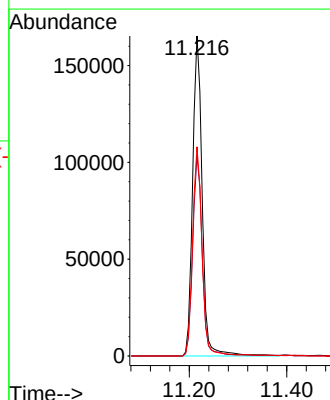
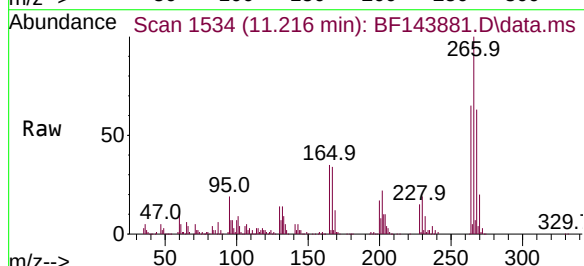
Tgt Ion:266 Resp: 224011

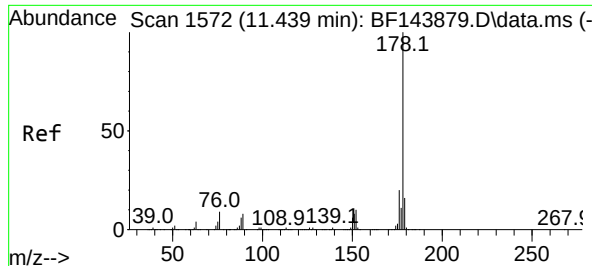
Ion Ratio Lower Upper

266 100

268 62.7 49.4 74.0

264 65.3 51.8 77.6





#71

Phenanthrene

Concen: 53.961 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

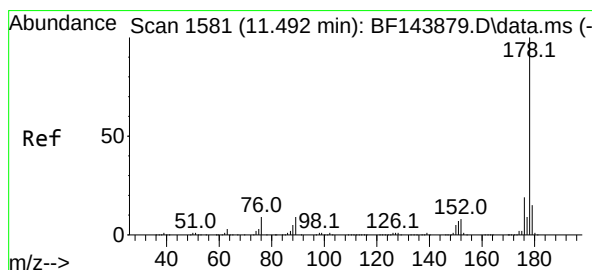
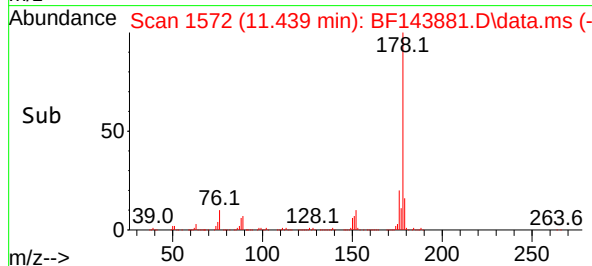
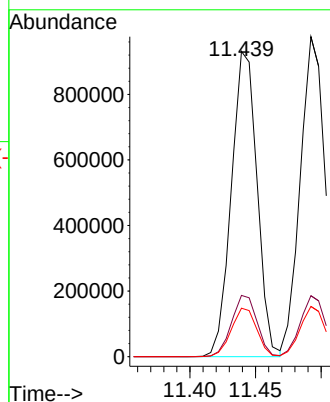
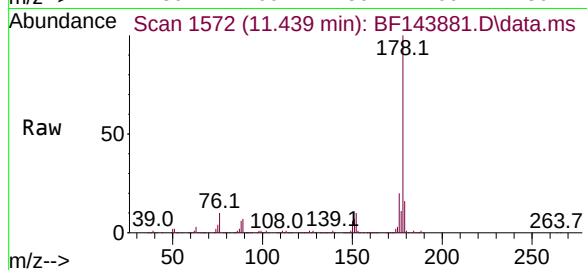
Tgt Ion:178 Resp: 1270063

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.9 12.4 18.6



#72

Anthracene

Concen: 53.956 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

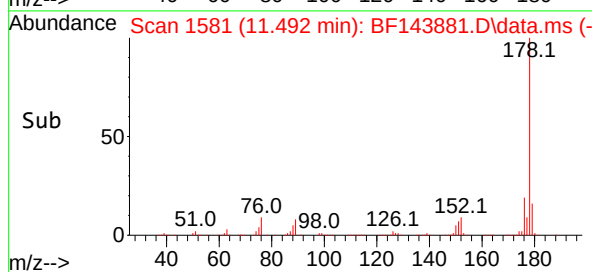
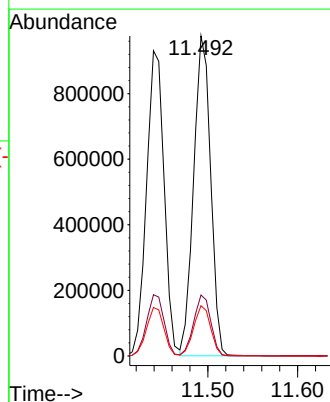
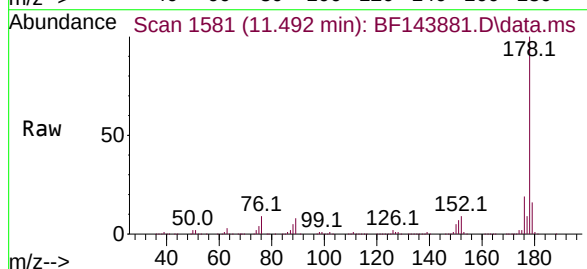
Tgt Ion:178 Resp: 1282940

Ion Ratio Lower Upper

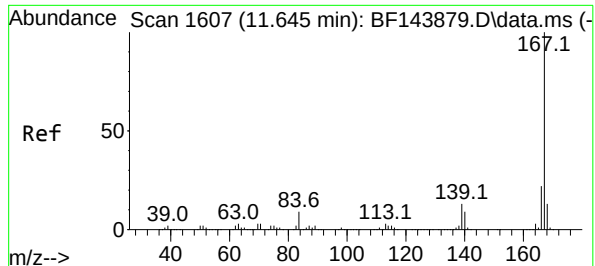
178 100

176 19.0 14.9 22.3

179 15.7 12.2 18.2

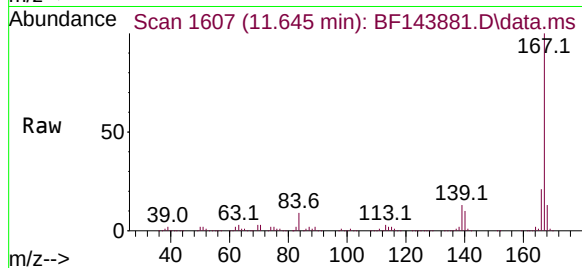




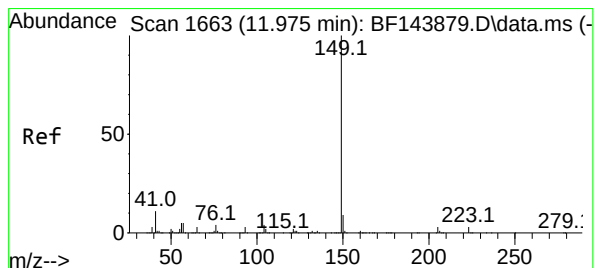
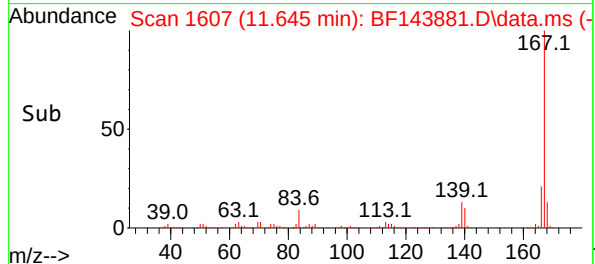
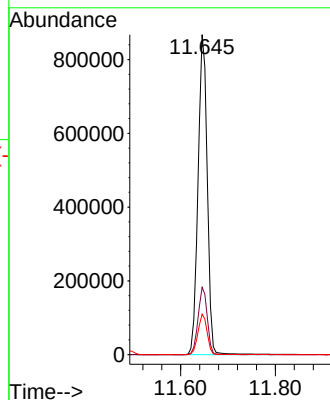


#73  
Carbazole  
Concen: 55.592 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

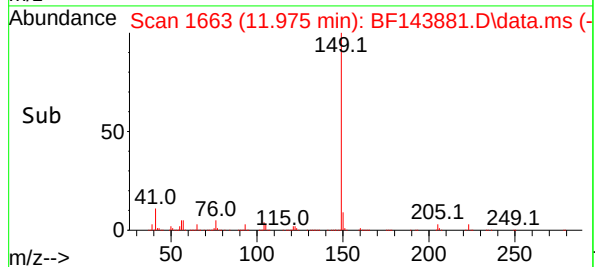
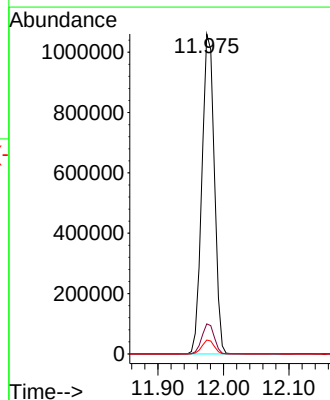
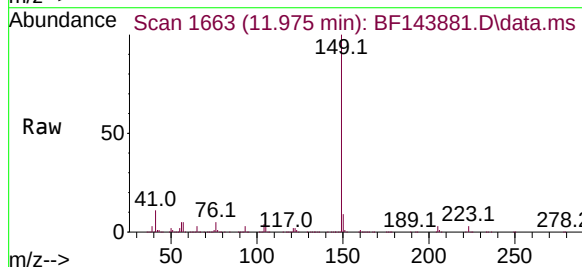


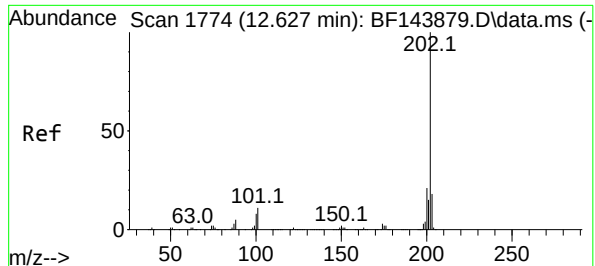
Tgt Ion:167 Resp: 1170717  
Ion Ratio Lower Upper  
167 100  
166 21.0 17.2 25.8  
139 12.6 10.1 15.1



#74  
Di-n-butylphthalate  
Concen: 56.934 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 1389569  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.2  
104 4.3 3.4 5.2

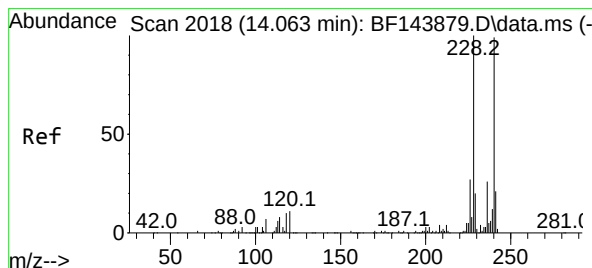
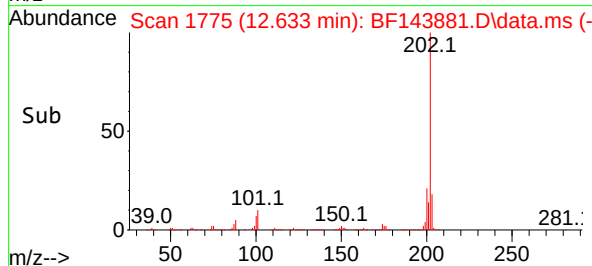
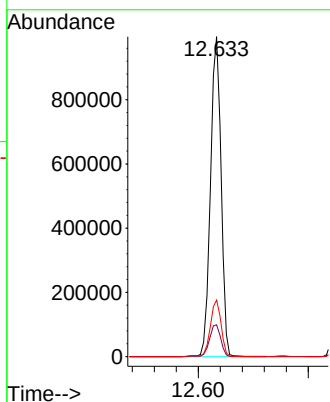
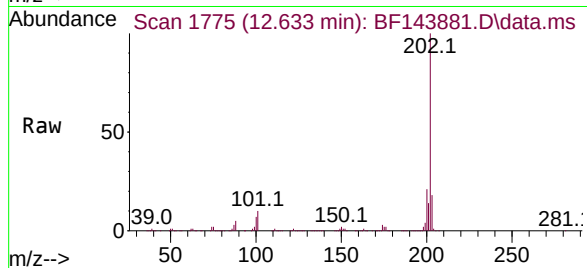




#75  
Fluoranthene  
Concen: 54.530 ng  
RT: 12.633 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

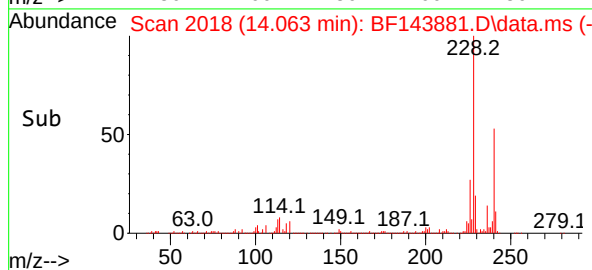
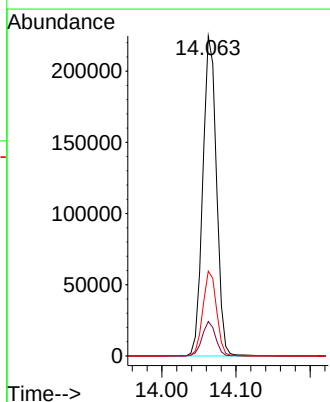
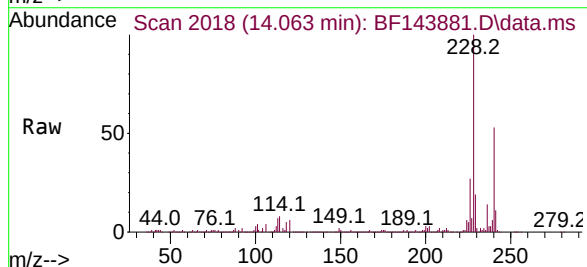
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

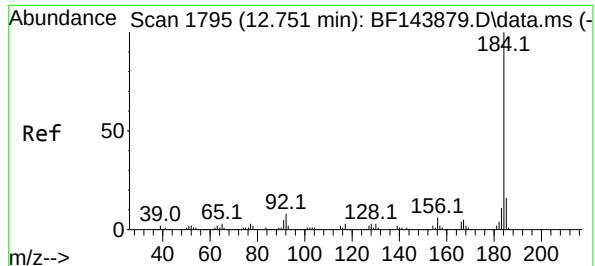
Tgt Ion:202 Resp: 1325716  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.7  
203 17.7 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:240 Resp: 287097  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.6 13.0  
236 26.5 21.1 31.7





#77

Benzidine

Concen: 55.312 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

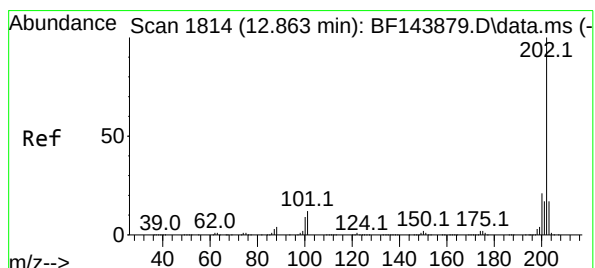
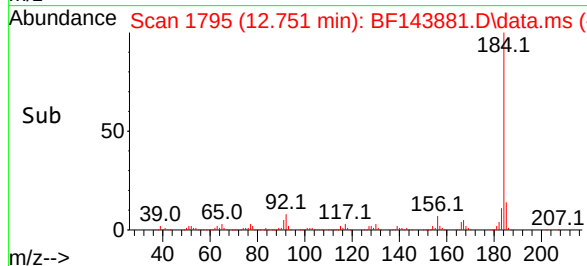
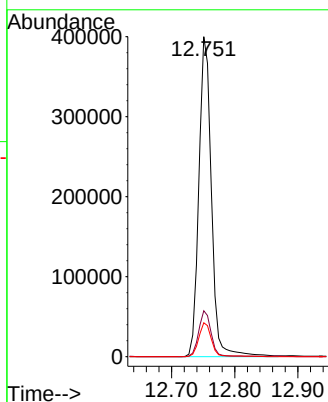
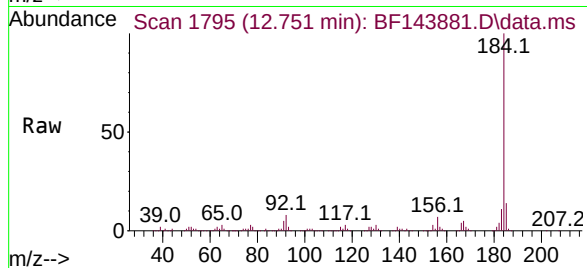
Tgt Ion:184 Resp: 551394

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

183 10.6 8.8 13.2



#78

Pyrene

Concen: 56.800 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

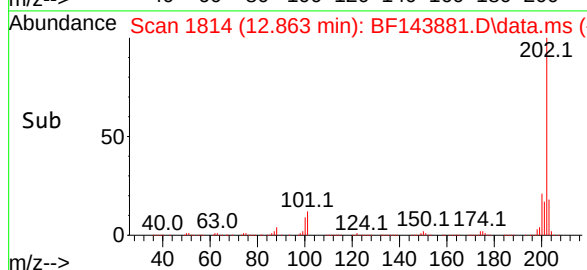
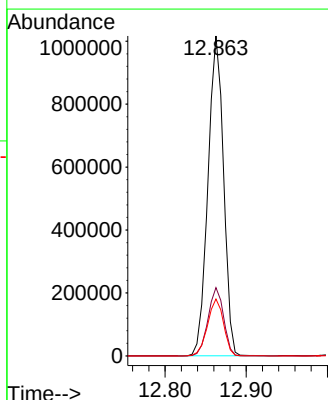
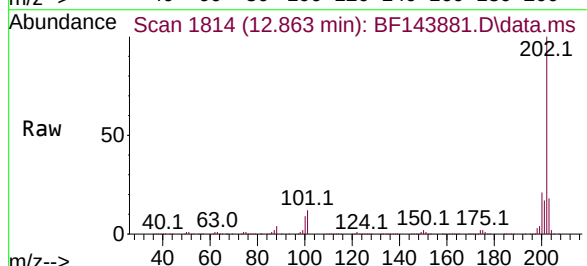
Tgt Ion:202 Resp: 1359513

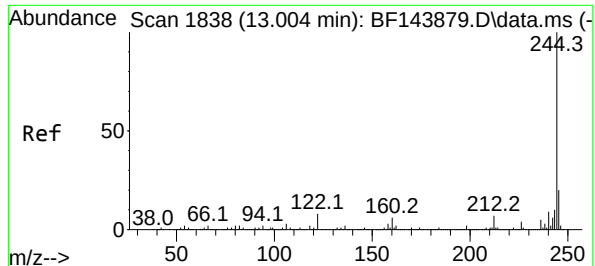
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 110.799 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

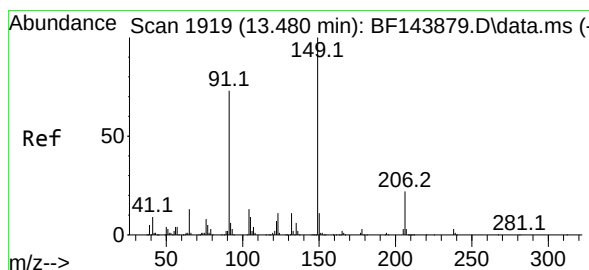
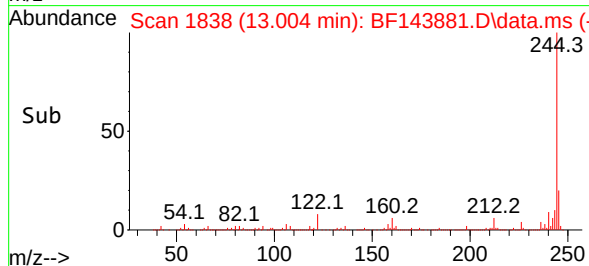
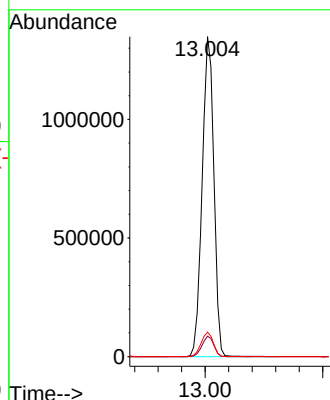
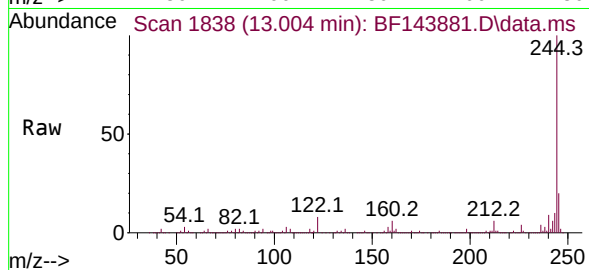
Tgt Ion:244 Resp: 1861234

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 7.6 6.4 9.6



#80

Butylbenzylphthalate

Concen: 61.293 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

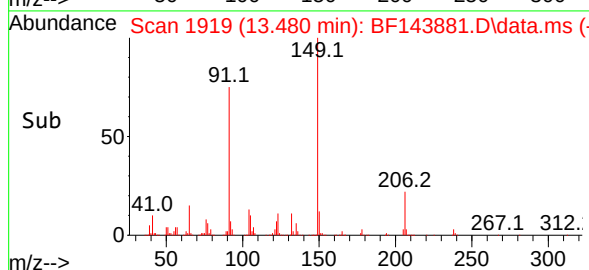
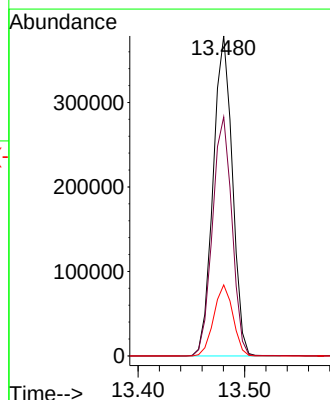
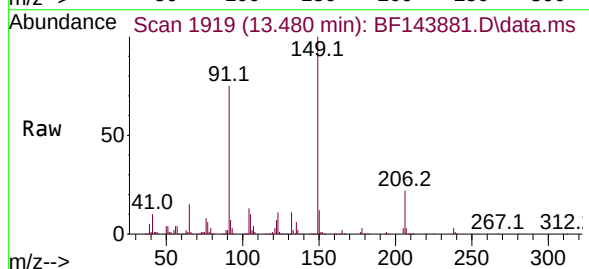
Tgt Ion:149 Resp: 476448

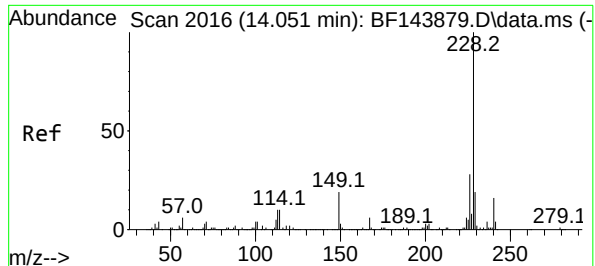
Ion Ratio Lower Upper

149 100

91 74.7 58.2 87.2

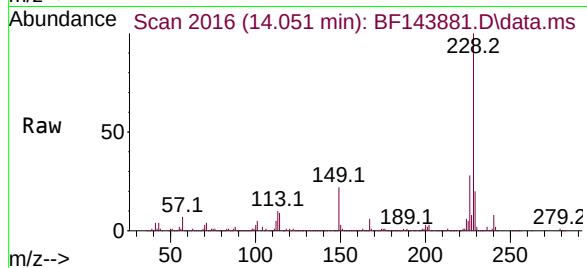
206 22.2 17.9 26.9



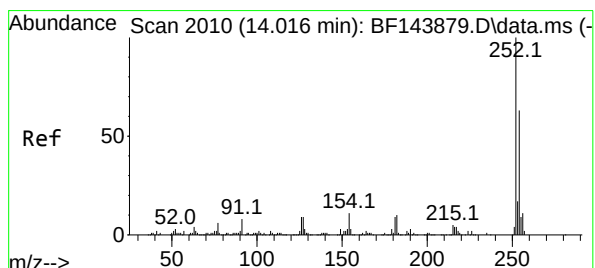
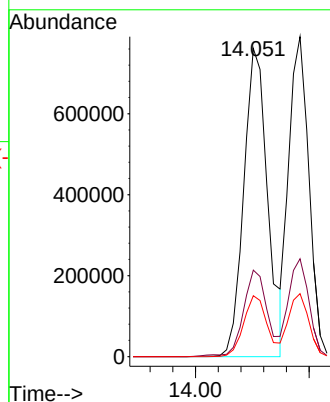
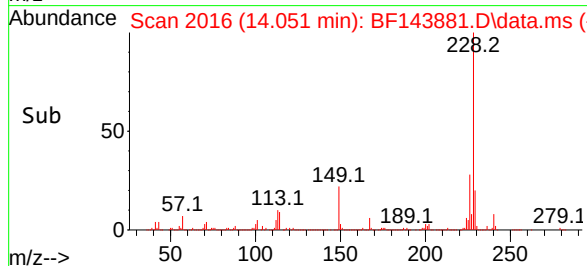


#81  
Benzo(a)anthracene  
Concen: 59.168 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

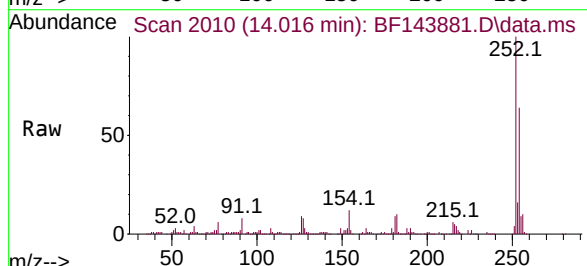
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



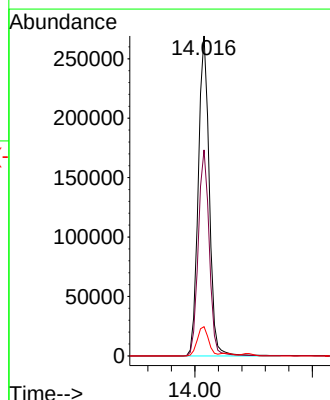
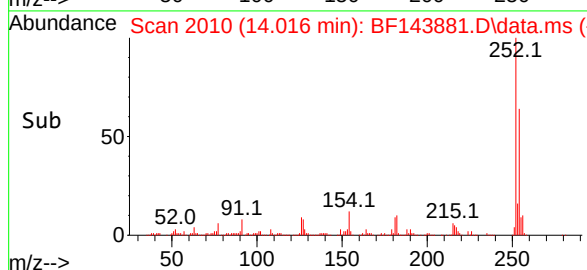
Tgt Ion:228 Resp: 1111626  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.2 33.2  
229 19.8 15.6 23.4

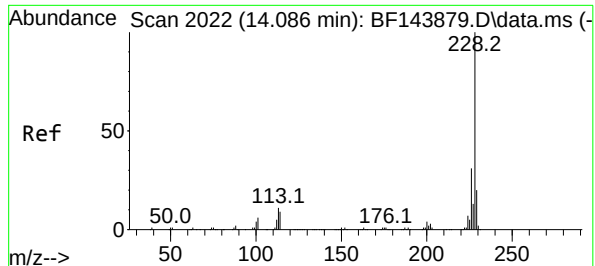


#82  
3,3'-Dichlorobenzidine  
Concen: 60.756 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53



Tgt Ion:252 Resp: 347863  
Ion Ratio Lower Upper  
252 100  
254 64.4 50.6 76.0  
126 9.1 7.0 10.6





#83

Chrysene

Concen: 55.770 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

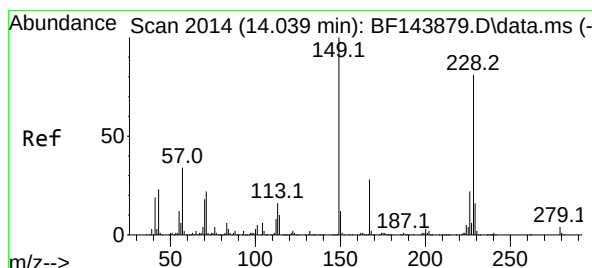
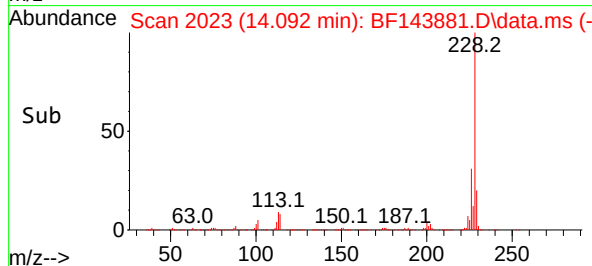
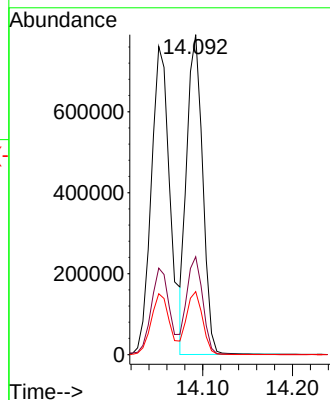
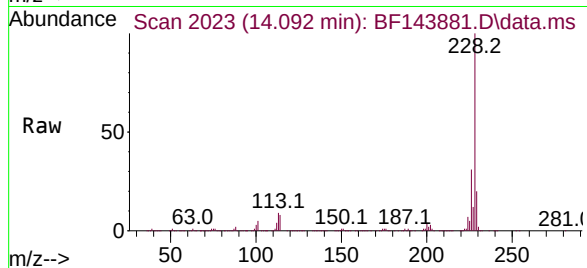
Tgt Ion:228 Resp: 969765

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.804 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

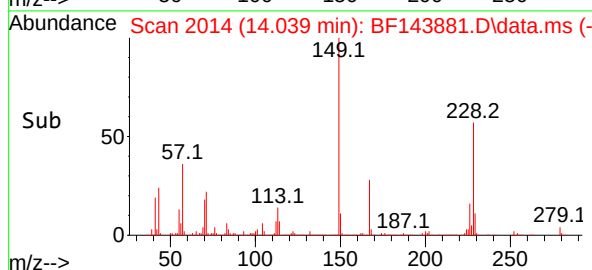
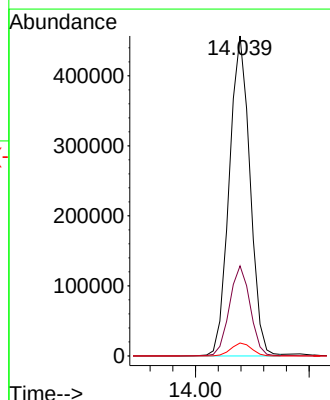
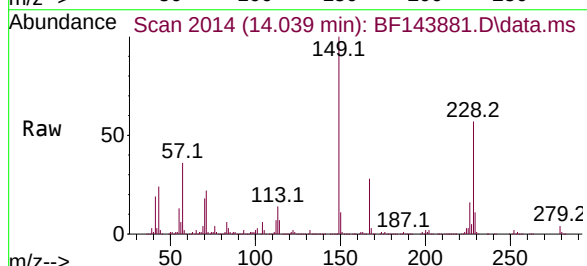
Tgt Ion:149 Resp: 579121

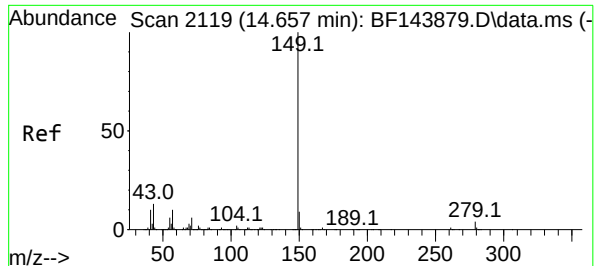
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 4.0 3.1 4.7

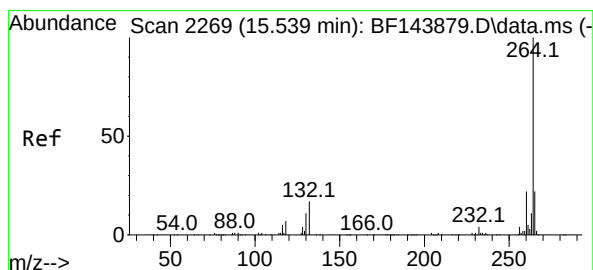
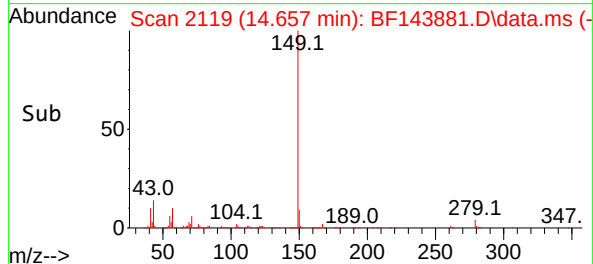
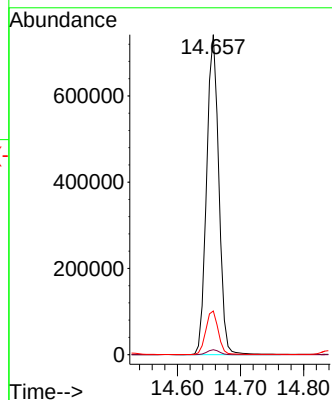
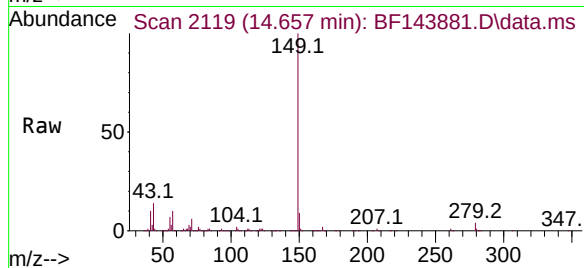




#85  
Di-n-octyl phthalate  
Concen: 64.431 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

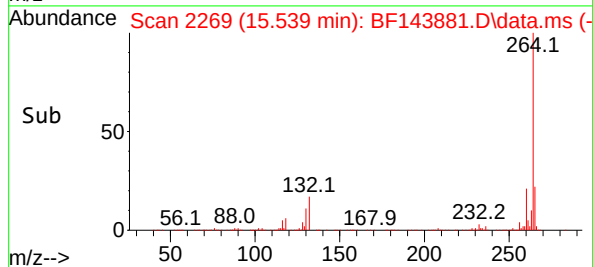
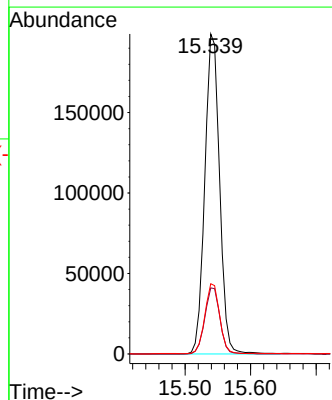
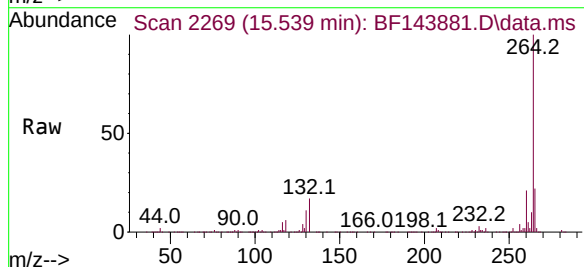
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

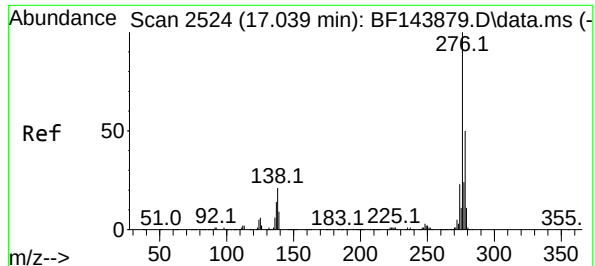
Tgt Ion:149 Resp: 991597  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 14.0 11.0 16.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:264 Resp: 309882  
Ion Ratio Lower Upper  
264 100  
260 20.6 17.8 26.8  
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.815 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

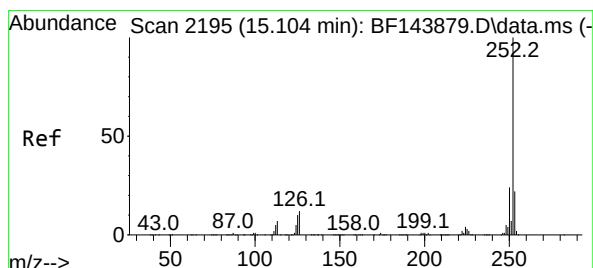
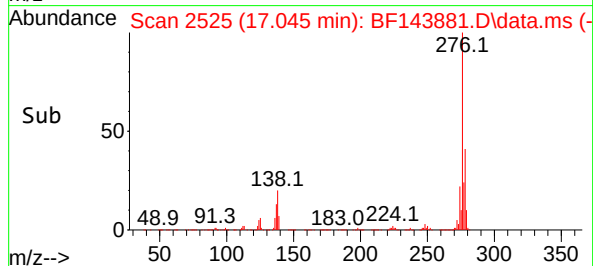
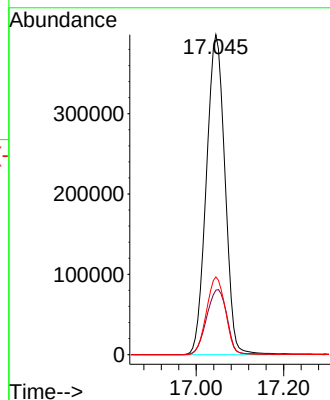
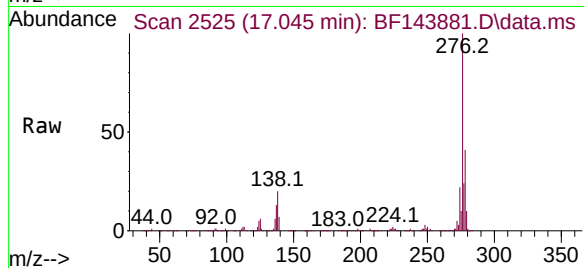
Tgt Ion:276 Resp: 1173726

Ion Ratio Lower Upper

276 100

138 22.3 18.2 27.2

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 62.778 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

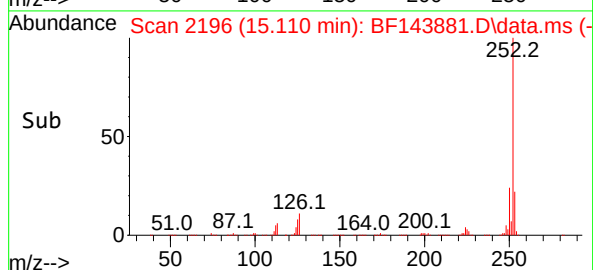
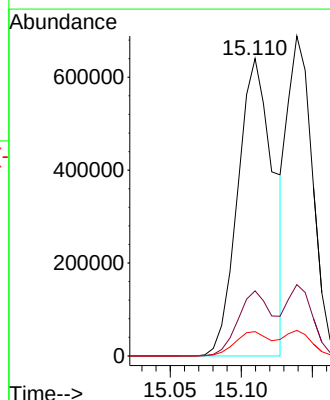
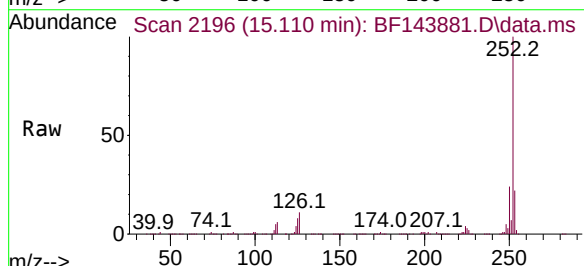
Tgt Ion:252 Resp: 1117484

Ion Ratio Lower Upper

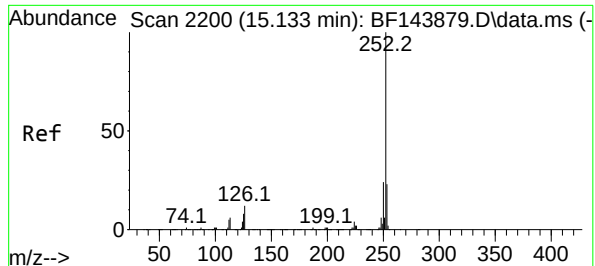
252 100

253 21.9 17.4 26.2

125 8.2 7.8 11.6



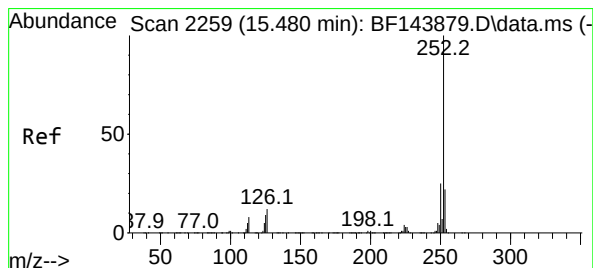
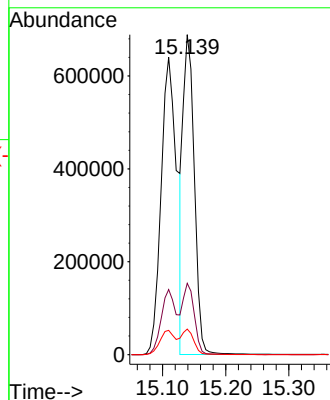
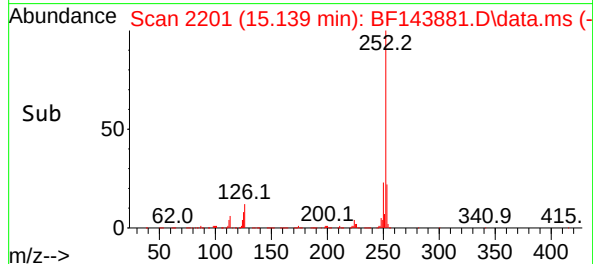
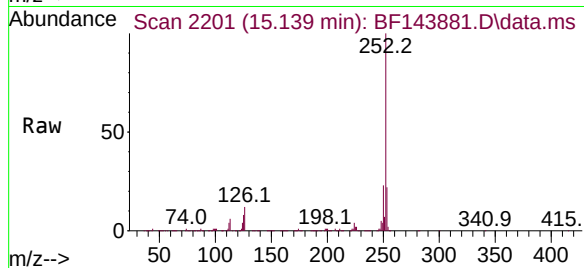




#89  
Benzo(k)fluoranthene  
Concen: 51.969 ng  
RT: 15.139 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

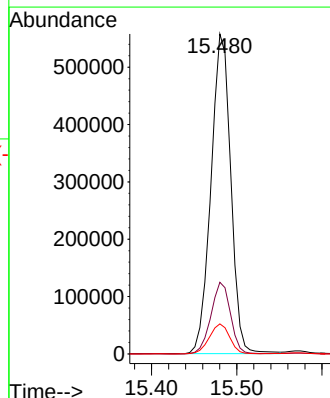
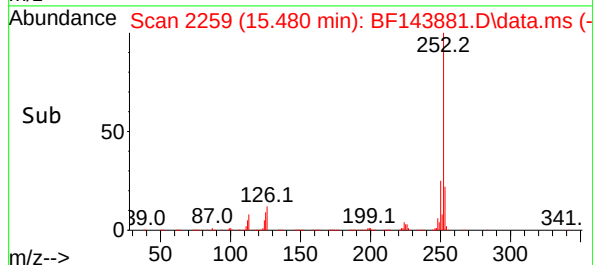
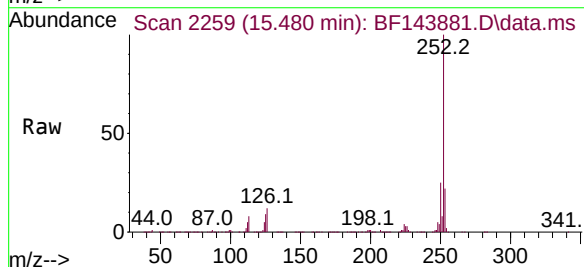
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

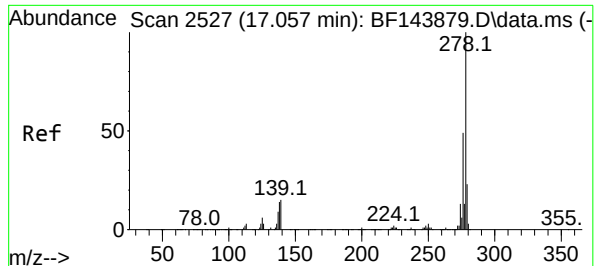
Tgt Ion:252 Resp: 855988  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 8.0 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 58.412 ng  
RT: 15.480 min Scan# 2259  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 901585  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.3 25.9  
125 9.4 7.0 10.4

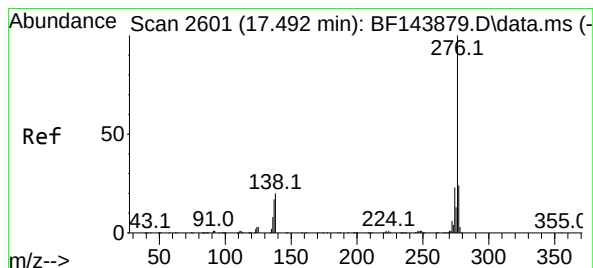
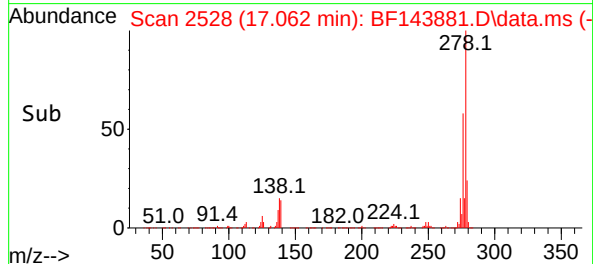
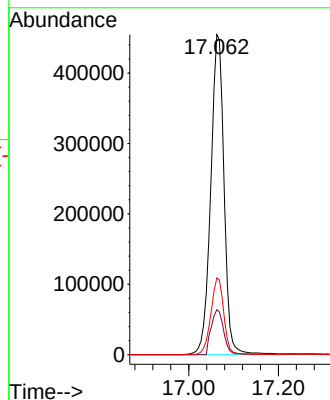
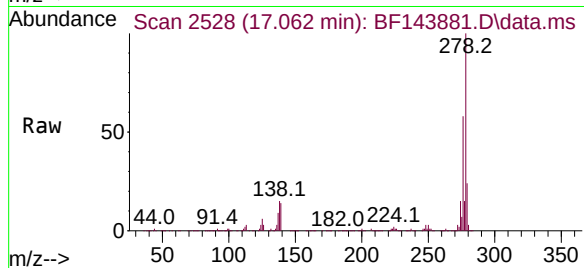




#91  
Dibenzo(a,h)anthracene  
Concen: 61.291 ng  
RT: 17.062 min Scan# 2527  
Delta R.T. -0.017 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

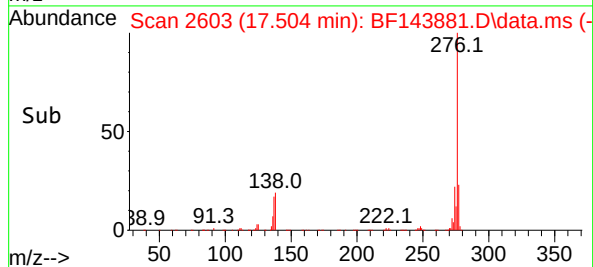
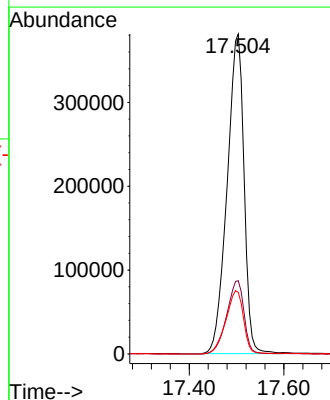
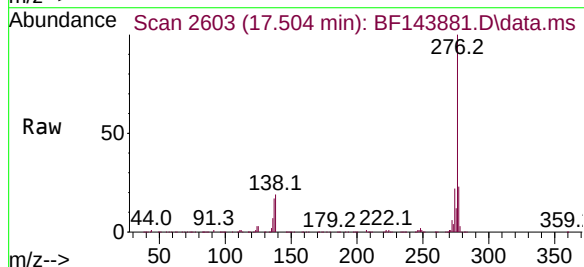
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:278 Resp: 935987  
Ion Ratio Lower Upper  
278 100  
139 14.0 11.7 17.5  
279 24.0 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 61.976 ng  
RT: 17.504 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:276 Resp: 946452  
Ion Ratio Lower Upper  
276 100  
277 22.9 19.0 28.6  
138 19.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143882.D  
 Acq On : 06 Oct 2025 14:22  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 153550   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 584564   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 320335   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 540366   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 302500   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 357911   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 1325806  | 137.113 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 1617892  | 140.374 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1436124  | 149.259 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 495811   | 155.397 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000   | ng    |          |
| 79) Terphenyl-d14             | 13.010 | 244  | 2382437  | 134.604 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 334123   | 74.672  | ng    | 98       |
| 3) Pyridine                   | 3.416  | 79   | 1009551  | 77.503  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 552664   | 80.653  | ng    | 96       |
| 6) Aniline                    | 6.551  | 93   | 1226438  | 71.012  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 683900   | 72.356  | ng    | 100      |
| 9) Benzaldehyde               | 6.439  | 77   | 546849   | 61.507  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 976173   | 70.844  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 760388   | 71.438  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 746378   | 65.969  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 727973   | 65.228  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 708144   | 66.244  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 664305   | 76.926  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1670583  | 68.951  | ng    | 97       |
| 17) 2-Methylphenol            | 7.134  | 107  | 569618   | 72.921  | ng    | 98       |
| 18) Hexachloroethane          | 7.398  | 117  | 256173   | 68.827  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 559967   | 70.978  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 573027   | 63.295  | ng    | # 78     |
| 22) Acetophenone              | 7.304  | 105  | 795315   | 64.345  | ng    | # 92     |
| 24) Nitrobenzene              | 7.475  | 77   | 800306   | 74.900  | ng    | 98       |
| 25) Isophorone                | 7.722  | 82   | 1534787  | 75.651  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 389145   | 84.948  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 616626   | 74.828  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 888473   | 69.328  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 620755   | 72.318  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 583022   | 69.063  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1710914  | 64.341  | ng    | 99       |
| 32) Benzoic acid              | 7.963  | 122  | 539440m  | 94.587  | ng    |          |
| 33) 4-Chloroaniline           | 8.239  | 127  | 697350   | 69.923  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 404619   | 68.974  | ng    | 98       |
| 35) Caprolactam               | 8.645  | 113  | 218801   | 80.169  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 598614   | 72.601  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 1138146  | 64.254  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 1087879  | 63.318  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 594660   | 67.166  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 301178   | 81.998  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 481852   | 74.487  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143882.D  
 Acq On : 06 Oct 2025 14:22  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

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

Quant Time: Oct 06 15:39:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 487322   | 71.286 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 1344805  | 63.407 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 1170019  | 66.165 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 445537   | 79.693 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 1644728  | 66.159 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1415482  | 69.582 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 303176   | 80.372 | ng    | 97       |
| 52) Acenaphthene              | 9.963  | 154  | 1085733  | 66.651 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 365960   | 79.233 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 187560   | 80.556 | ng    | 97       |
| 55) Dibenzofuran              | 10.133 | 168  | 1471622  | 63.998 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 294937   | 84.335 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 409463   | 79.779 | ng    | 94       |
| 58) Fluorene                  | 10.480 | 166  | 1069764  | 61.654 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 368599   | 76.170 | ng    | 98       |
| 60) Diethylphthalate          | 10.351 | 149  | 1267085  | 67.047 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 572035   | 62.357 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 351634   | 79.169 | ng    | 98       |
| 63) Azobenzene                | 10.633 | 77   | 1351920  | 68.446 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 236863   | 87.227 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 1139482  | 67.159 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 423148   | 70.857 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 498602   | 72.118 | ng    | 97       |
| 69) Atrazine                  | 11.121 | 200  | 347749   | 67.621 | ng    | 99       |
| 70) Pentachlorophenol         | 11.221 | 266  | 318486   | 80.208 | ng    | 99       |
| 71) Phenanthrene              | 11.445 | 178  | 1676081  | 63.980 | ng    | 99       |
| 72) Anthracene                | 11.498 | 178  | 1688865  | 63.814 | ng    | 99       |
| 73) Carbazole                 | 11.651 | 167  | 1519615  | 64.832 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 1793855  | 66.034 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1706368  | 63.059 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 1718085  | 68.126 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 633516   | 77.349 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 1449801  | 73.238 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 461359   | 76.476 | ng    | 98       |
| 83) Chrysene                  | 14.092 | 228  | 1349286  | 73.645 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 749327   | 75.897 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 1370760  | 84.532 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 1786876  | 81.478 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 1431875  | 69.645 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 1362026  | 71.595 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 1321893  | 74.151 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 1391562  | 78.895 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 1451721  | 82.305 | ng    | 98       |

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

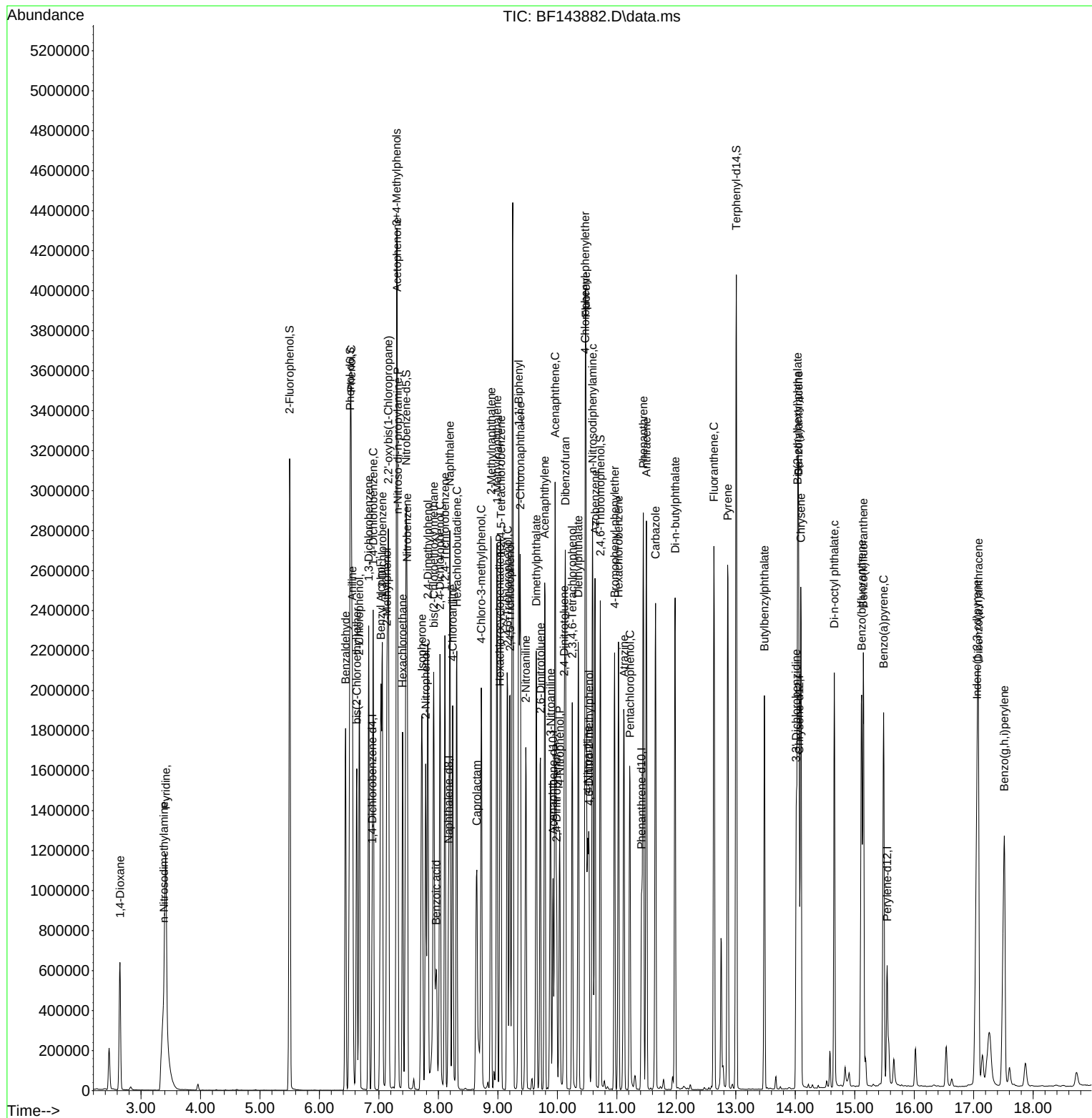
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Data File : BF143882.D  
Acq On    : 06 Oct 2025  14:22  
Operator  : RC/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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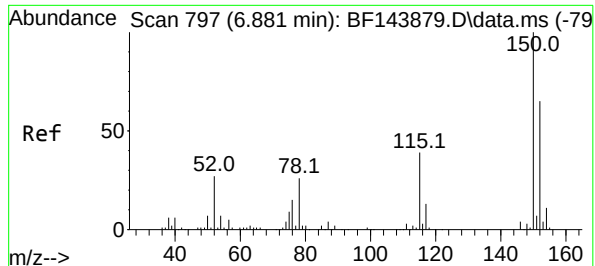
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC080

## Manual Integrations APPROVED

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

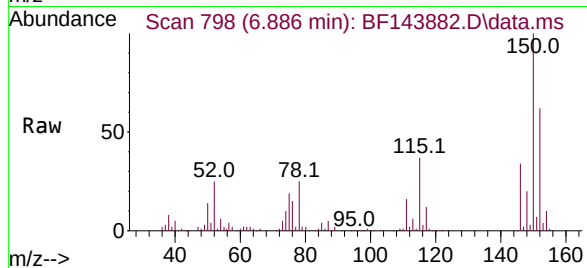
Quant Time: Oct 06 15:39:02 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

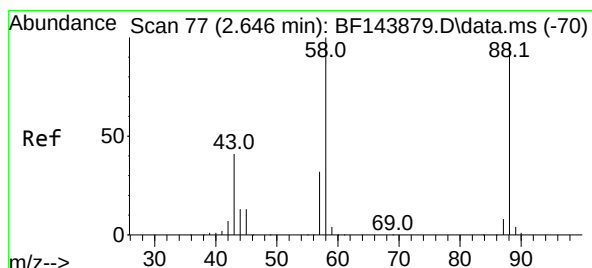
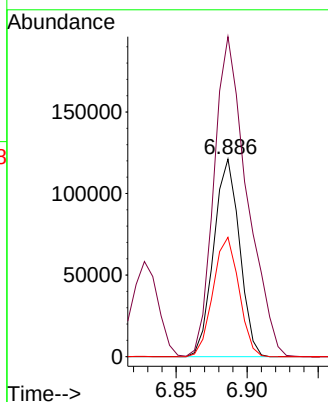
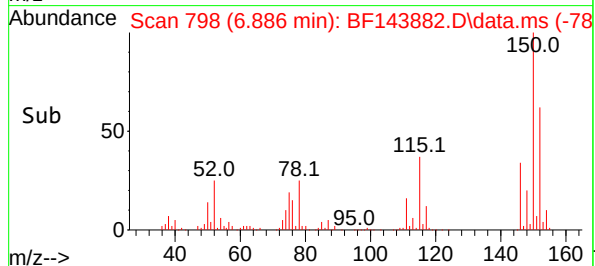
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 153550  
Ion Ratio Lower Upper  
152 100  
150 162.0 124.4 186.6  
115 60.3 48.1 72.1

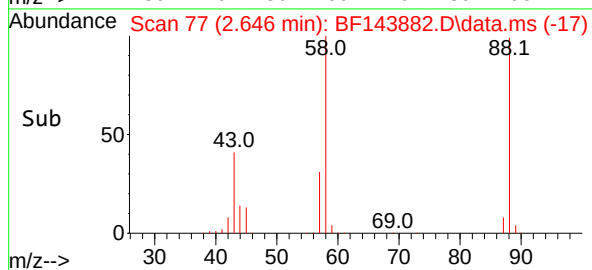
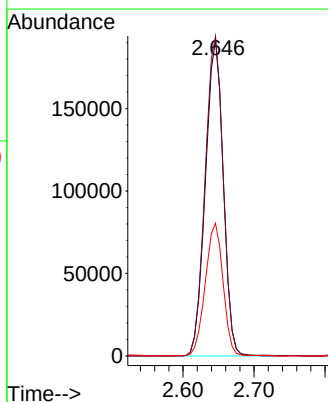
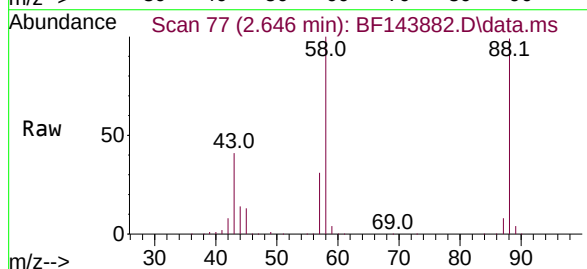
Manual Integrations  
APPROVED

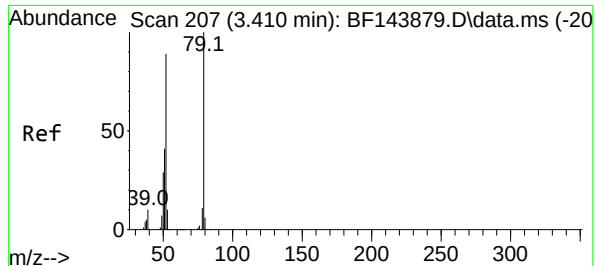
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 74.672 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

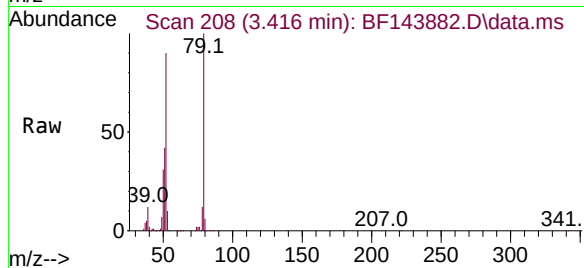
Tgt Ion: 88 Resp: 334123  
Ion Ratio Lower Upper  
88 100  
58 102.1 83.0 124.6  
43 41.3 33.9 50.9





#3  
Pyridine  
Concen: 77.503 ng  
RT: 3.416 min Scan# 207  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

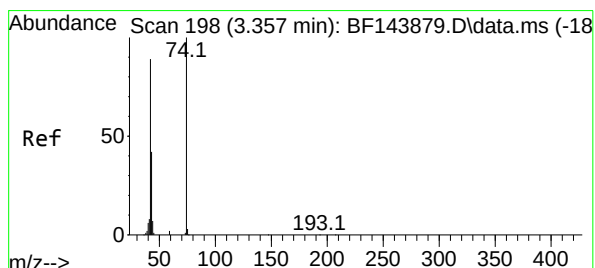
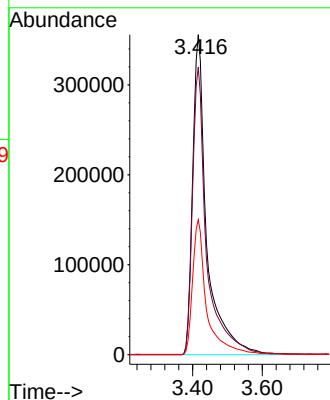
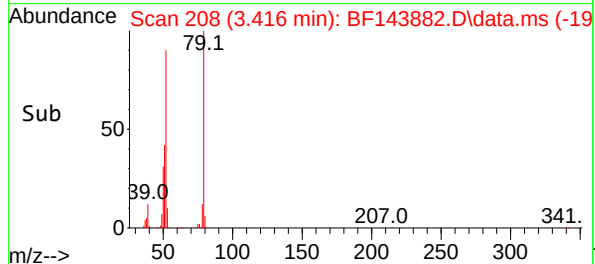
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 79 Resp: 100955  
Ion Ratio Lower Upper  
79 100  
52 89.8 71.5 107.3  
51 42.2 32.9 49.3

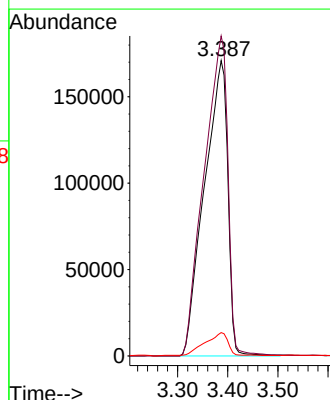
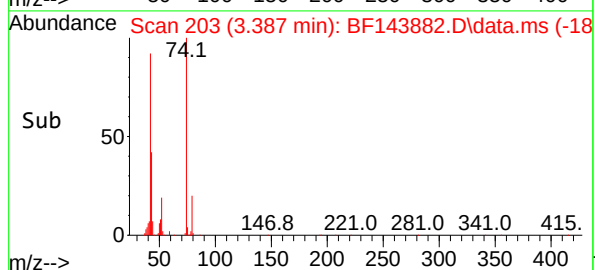
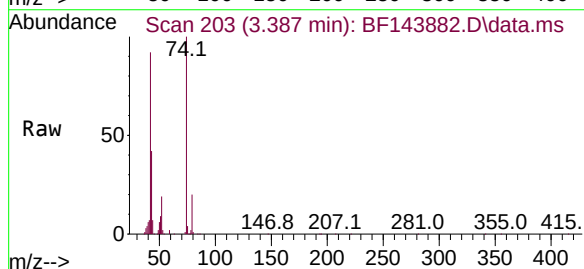
Manual Integrations  
APPROVED

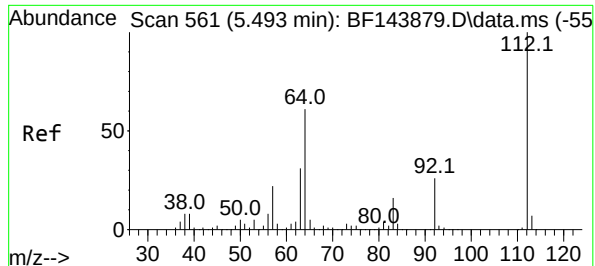
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 80.653 ng  
RT: 3.387 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

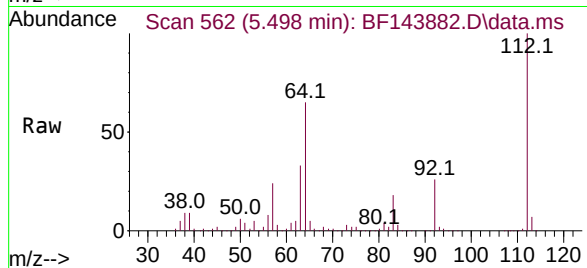
Tgt Ion: 42 Resp: 552664  
Ion Ratio Lower Upper  
42 100  
74 108.4 90.0 135.0  
44 7.9 6.2 9.2





#5  
2-Fluorophenol  
Concen: 137.113 ng  
RT: 5.498 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

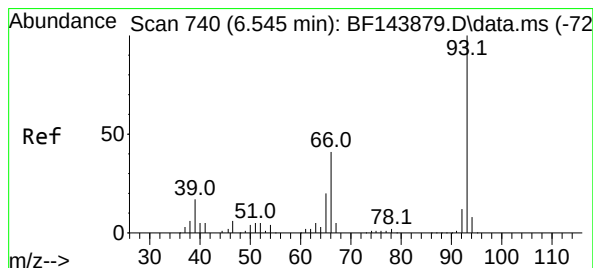
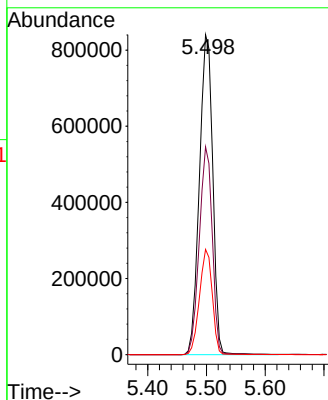
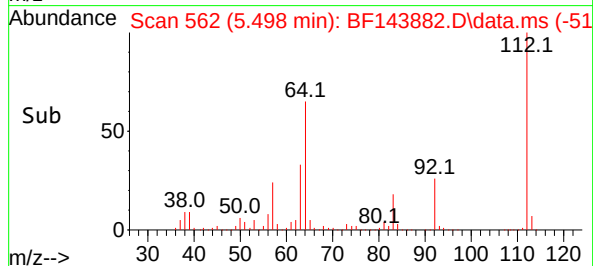
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:112 Resp: 1325806  
Ion Ratio Lower Upper  
112 100  
64 64.9 49.1 73.7  
63 32.9 24.5 36.7

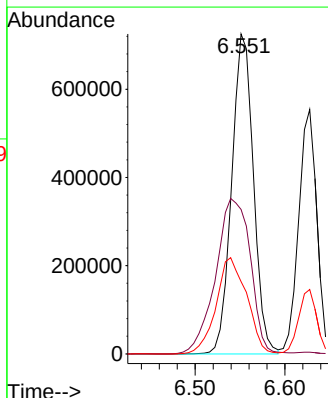
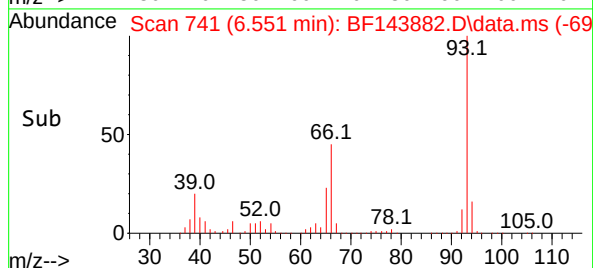
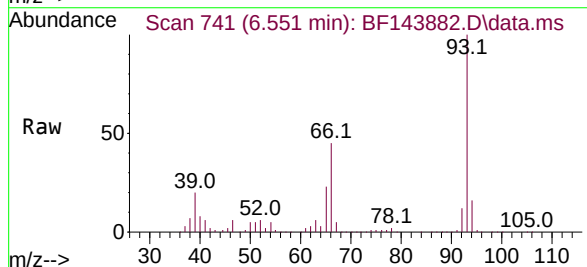
Manual Integrations  
APPROVED

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

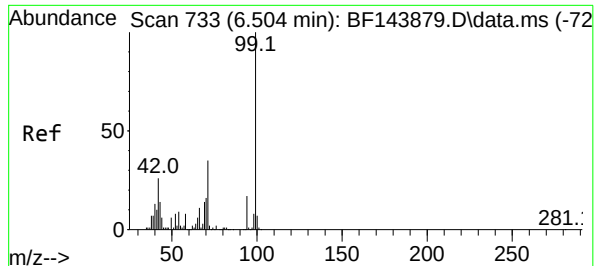


#6  
Aniline  
Concen: 71.012 ng  
RT: 6.551 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion: 93 Resp: 1226438  
Ion Ratio Lower Upper  
93 100  
66 45.1 33.0 49.6  
65 22.6 15.8 23.8

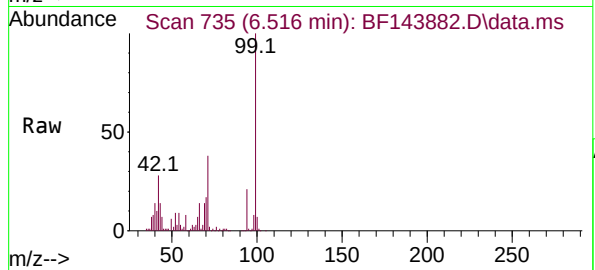






#7  
Phenol-d6  
Concen: 140.374 ng  
RT: 6.516 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

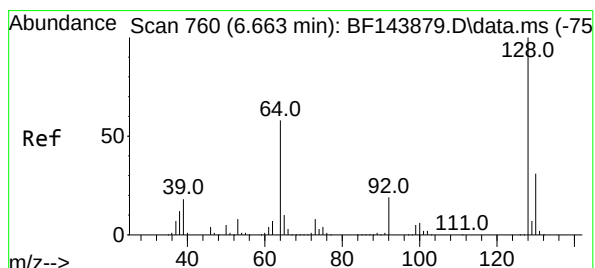
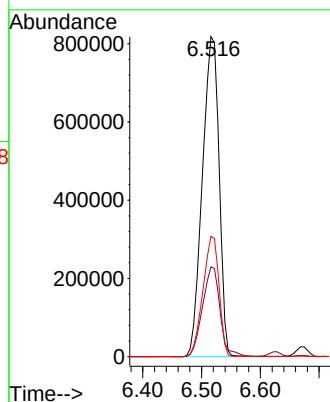
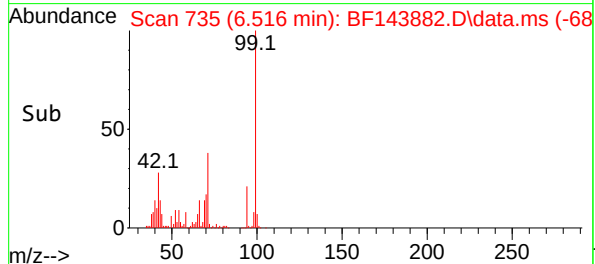
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 99 Resp: 1617892  
Ion Ratio Lower Upper  
99 100  
42 28.0 21.0 31.4  
71 37.6 27.8 41.8

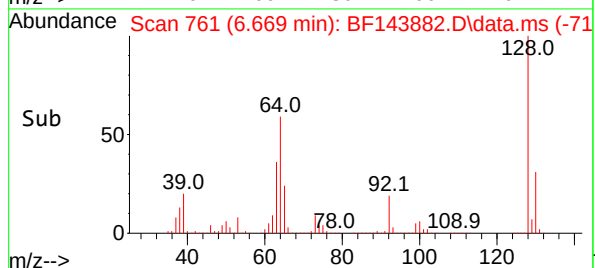
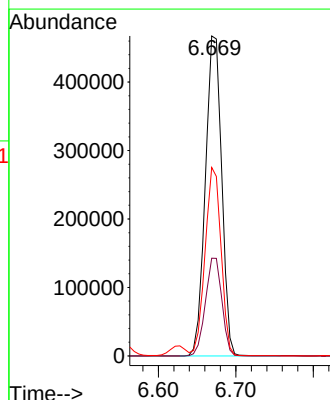
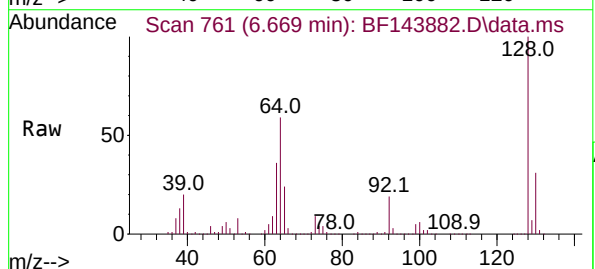
Manual Integrations  
APPROVED

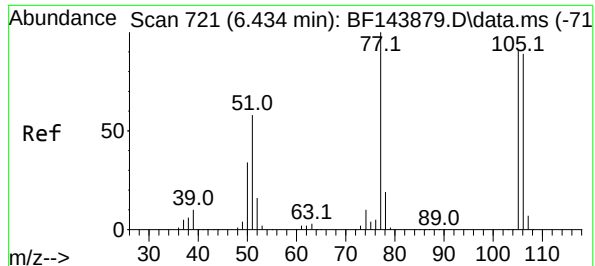
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#8  
2-Chlorophenol  
Concen: 72.356 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

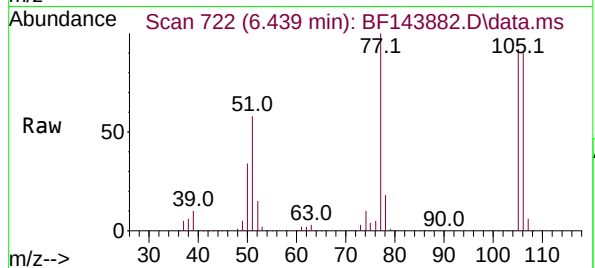
Tgt Ion:128 Resp: 683900  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.7 50.7  
64 58.9 39.0 79.0





#9  
Benzaldehyde  
Concen: 61.507 ng  
RT: 6.439 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

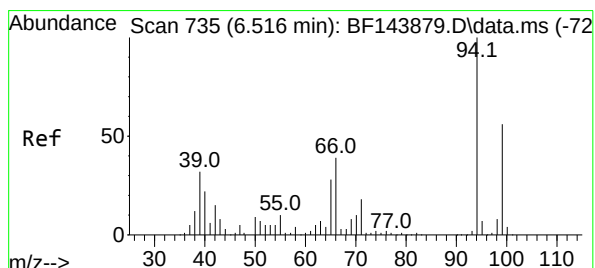
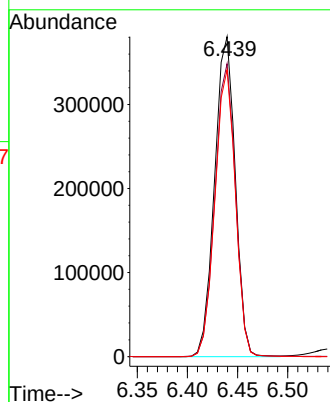
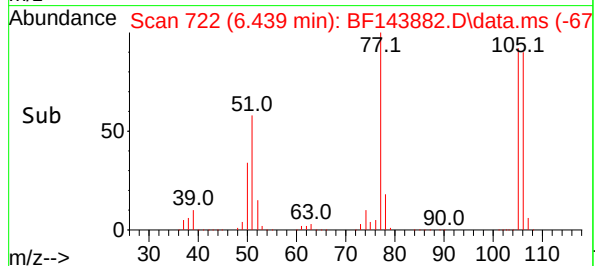
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 77 Resp: 546849  
Ion Ratio Lower Upper  
77 100  
105 91.5 70.9 110.9  
106 89.6 68.9 108.9

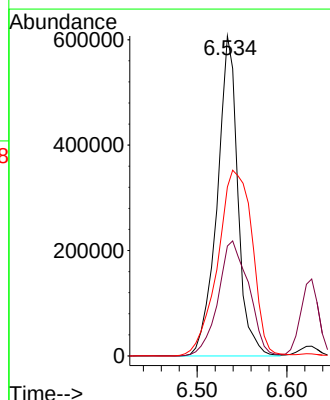
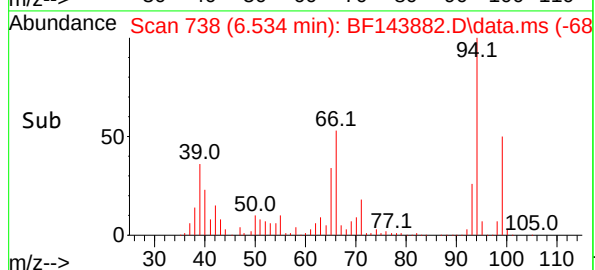
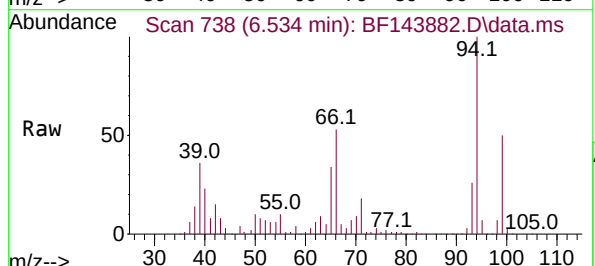
Manual Integrations  
APPROVED

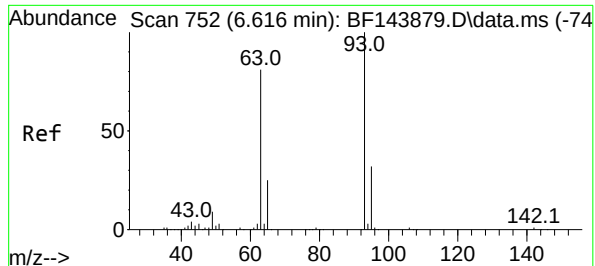
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#10  
Phenol  
Concen: 70.844 ng  
RT: 6.534 min Scan# 738  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion: 94 Resp: 976173  
Ion Ratio Lower Upper  
94 100  
65 34.4 8.5 48.5  
66 52.8 19.9 59.9





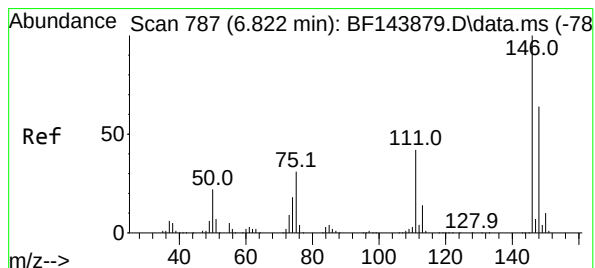
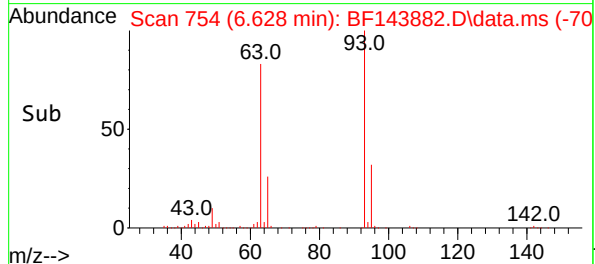
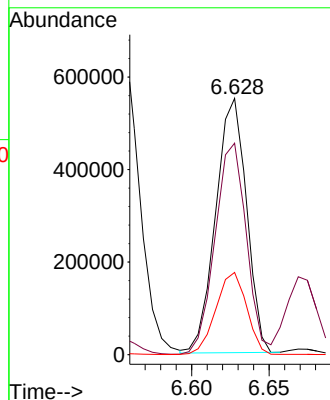
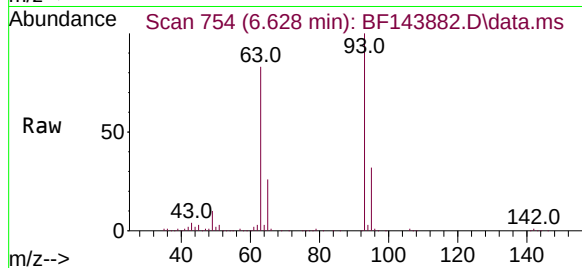
#11  
bis(2-Chloroethyl)ether  
Concen: 71.438 ng  
RT: 6.628 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 93 Resp: 760388  
Ion Ratio Lower Upper  
93 100  
63 82.5 60.9 100.9  
95 32.0 11.5 51.5

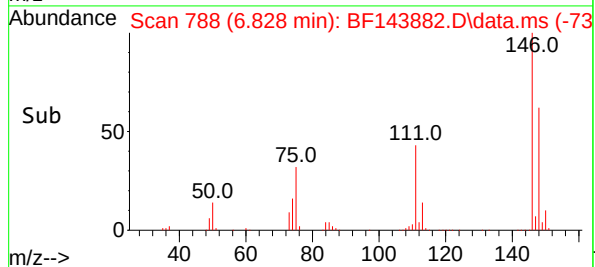
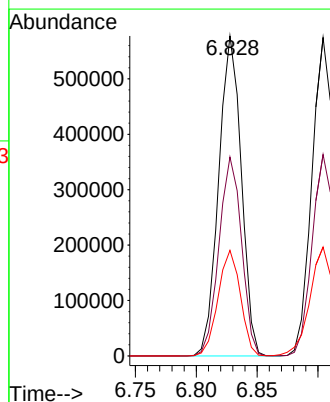
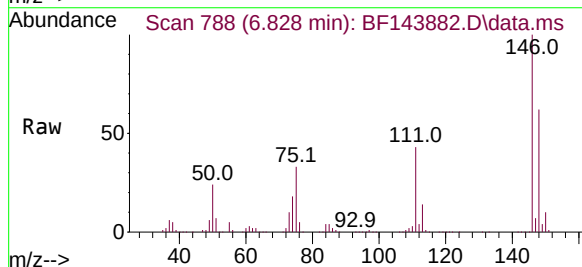
Manual Integrations  
APPROVED

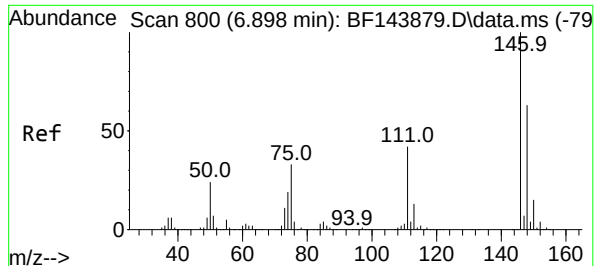
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 65.969 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 746378  
Ion Ratio Lower Upper  
146 100  
148 62.1 51.0 76.4  
75 33.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 65.228 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 727973

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

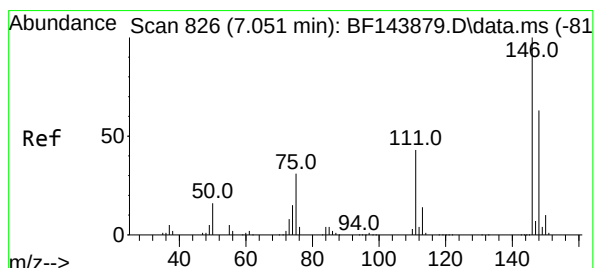
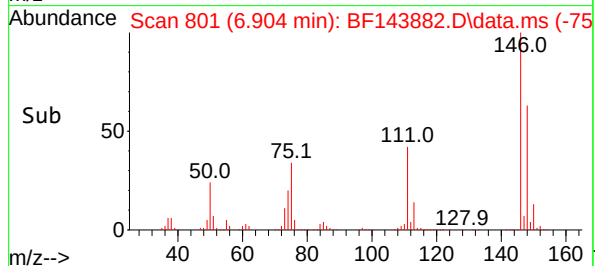
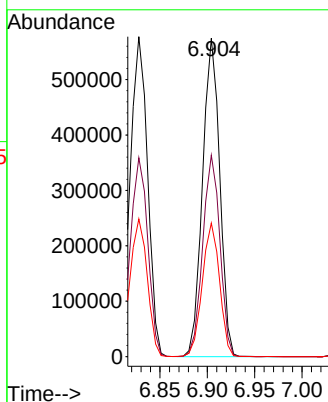
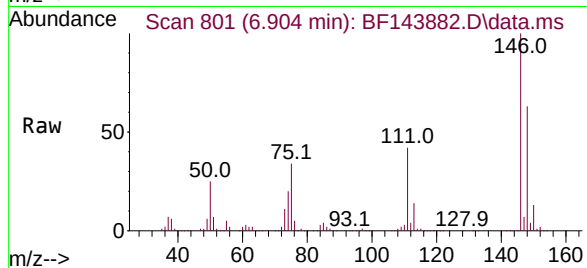
111 42.0 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 66.244 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

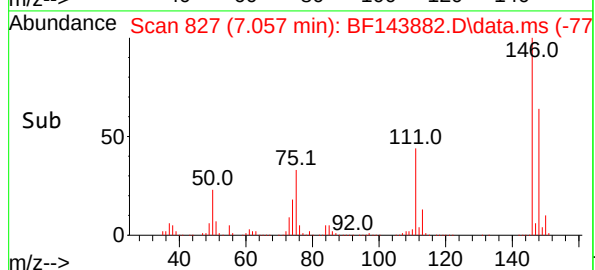
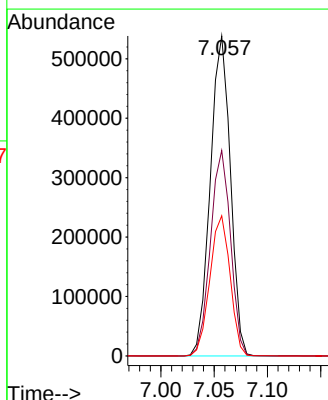
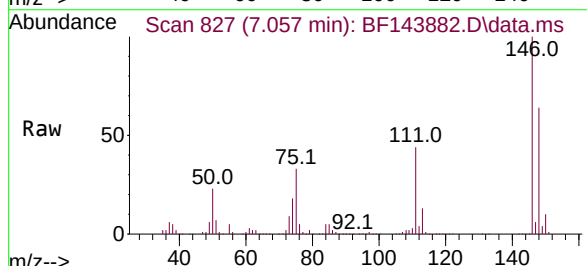
Tgt Ion:146 Resp: 708144

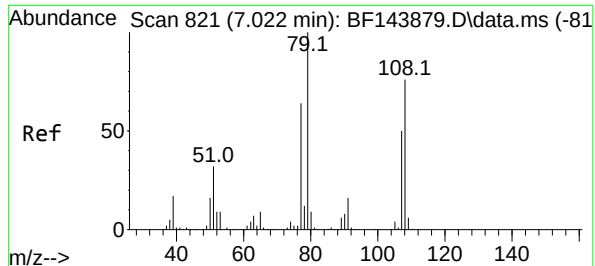
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

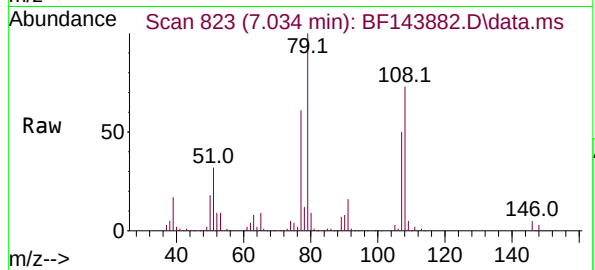
111 43.8 34.6 51.8





#15  
Benzyl Alcohol  
Concen: 76.926 ng  
RT: 7.034 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

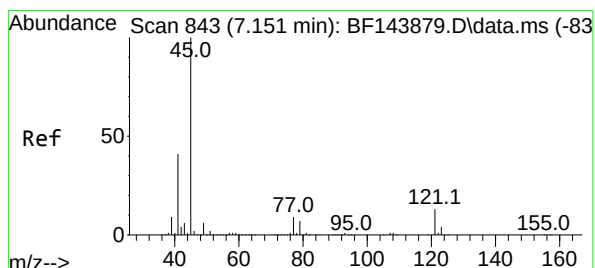
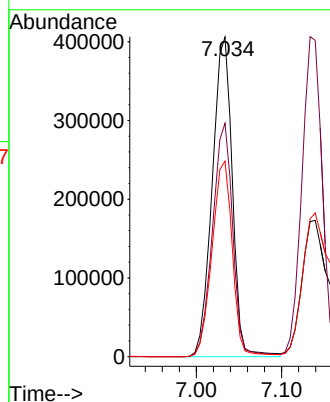
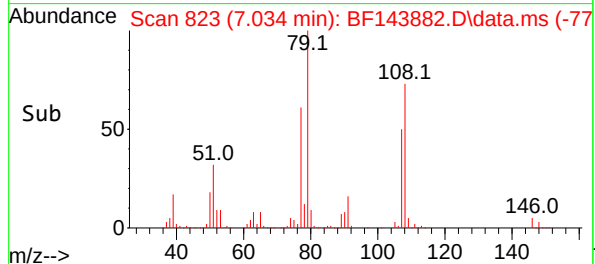
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 79 Resp: 664305  
Ion Ratio Lower Upper  
79 100  
108 73.0 60.8 91.2  
77 61.1 51.0 76.6

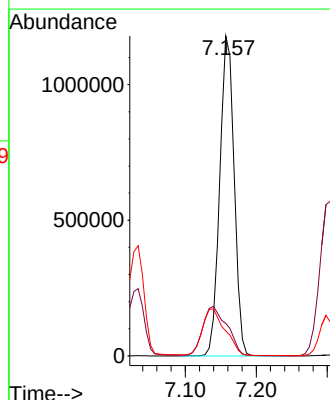
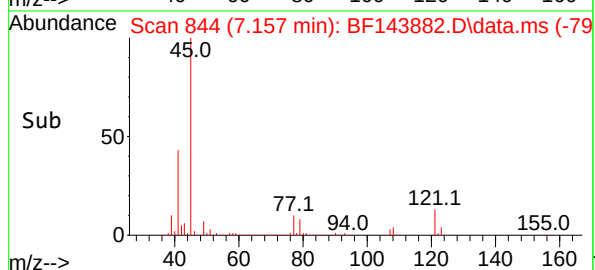
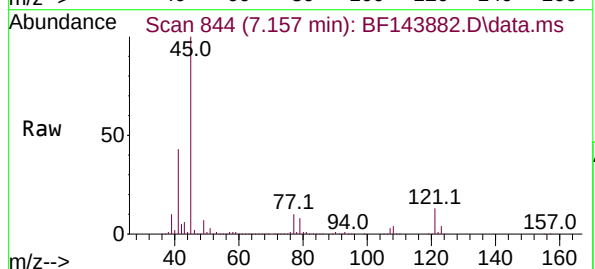
Manual Integrations  
APPROVED

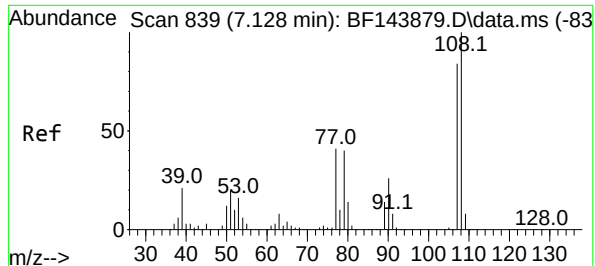
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 68.951 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion: 45 Resp: 1670583  
Ion Ratio Lower Upper  
45 100  
77 10.1 0.0 29.0  
79 7.8 0.0 26.8





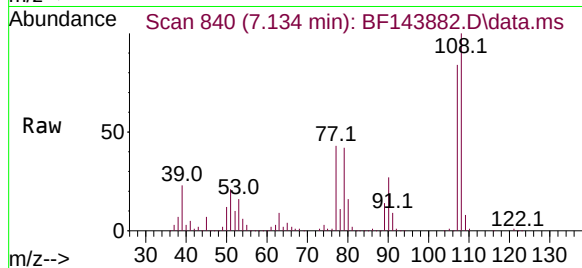
#17  
2-Methylphenol  
Concen: 72.921 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

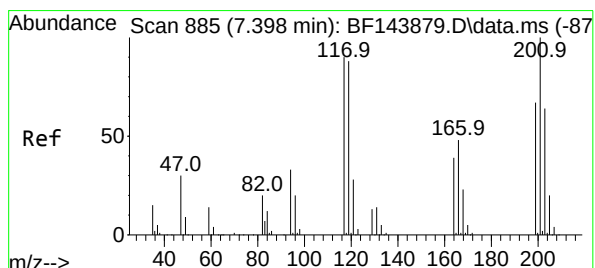
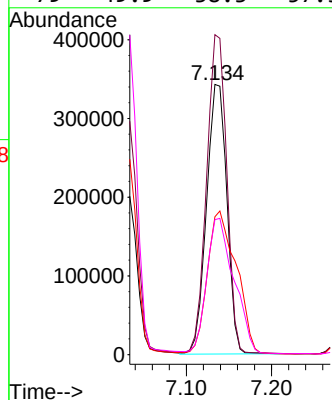
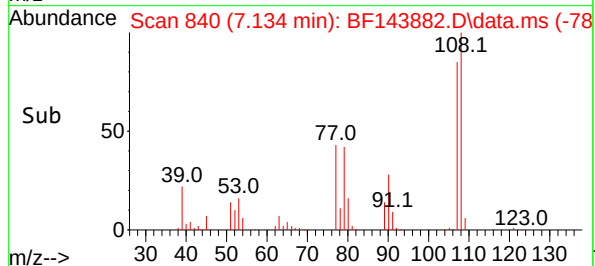


Tgt Ion:107 Resp: 569618  
Ion Ratio Lower Upper  
107 100  
108 118.5 94.7 142.1  
77 51.0 38.8 58.2  
79 49.9 38.3 57.5

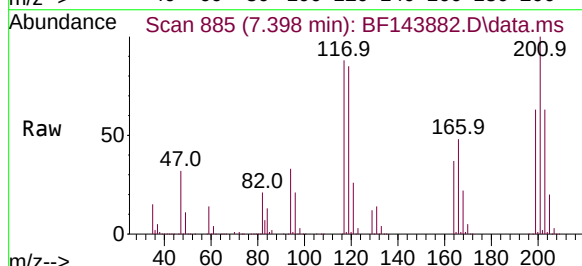
Manual Integrations

APPROVED

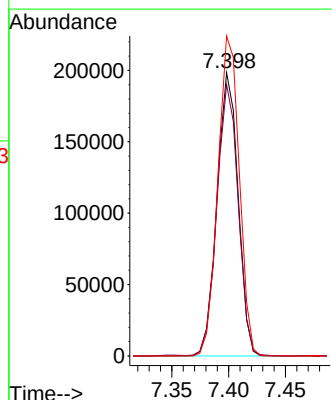
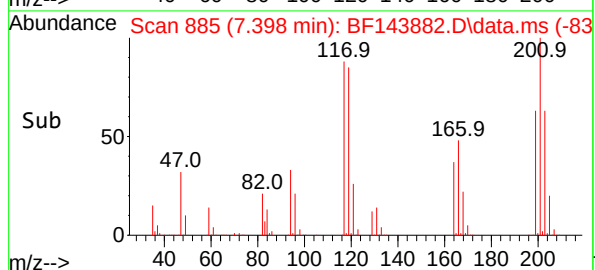
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

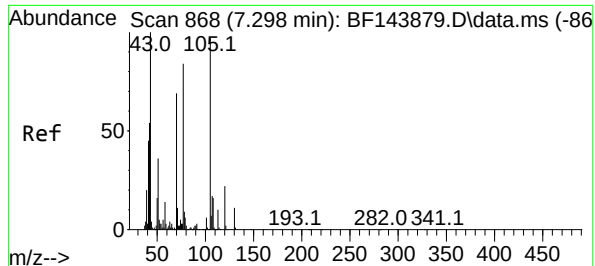


#18  
Hexachloroethane  
Concen: 68.827 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



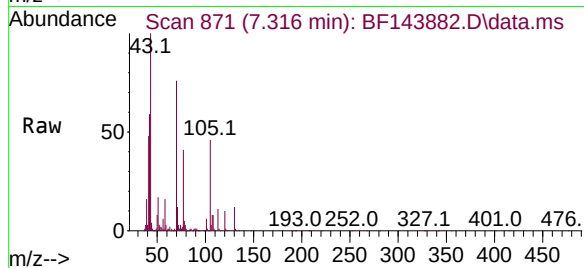
Tgt Ion:117 Resp: 256173  
Ion Ratio Lower Upper  
117 100  
119 95.8 77.8 116.8  
201 113.0 88.5 132.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 70.978 ng  
RT: 7.316 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

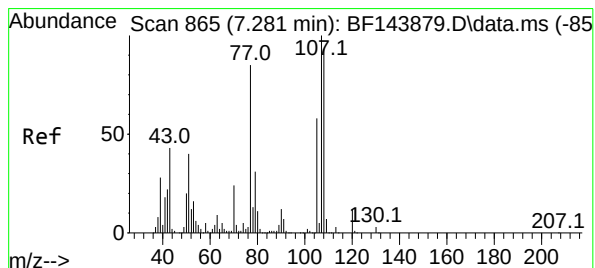
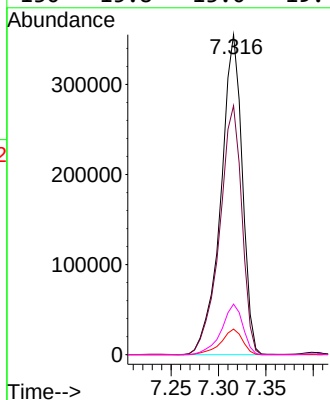
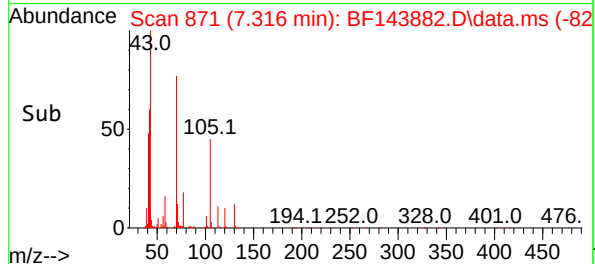
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



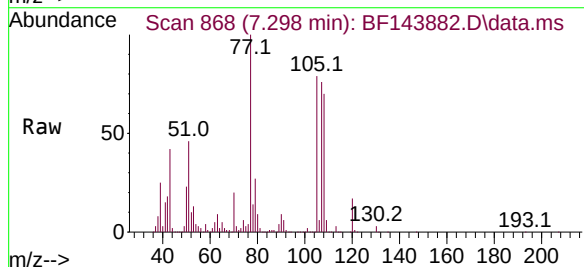
Tgt Ion: 70 Resp: 559962  
Ion Ratio Lower Upper  
70 100  
42 77.8 62.8 94.2  
101 8.0 6.7 10.1  
130 15.8 13.0 19.4

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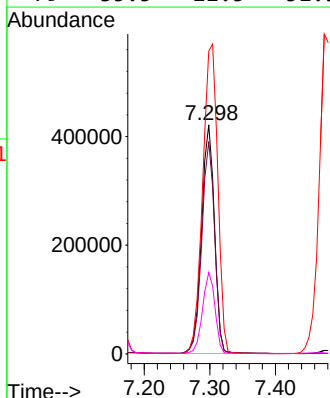
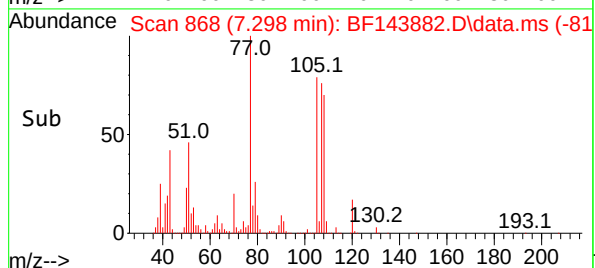
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

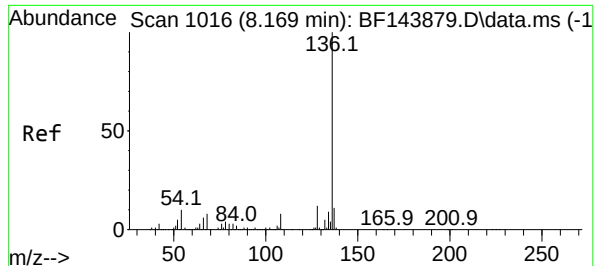


#20  
3+4-Methylphenols  
Concen: 63.295 ng  
RT: 7.298 min Scan# 868  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



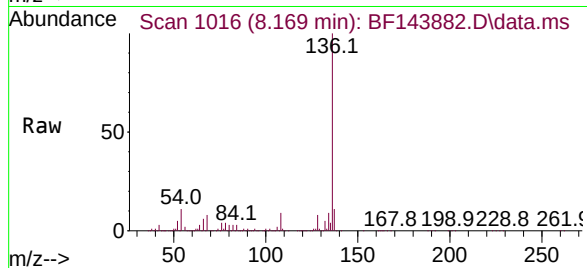
Tgt Ion:107 Resp: 573027  
Ion Ratio Lower Upper  
107 100  
108 92.7 73.0 113.0  
77 132.3 64.6 104.6#  
79 35.5 11.5 51.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

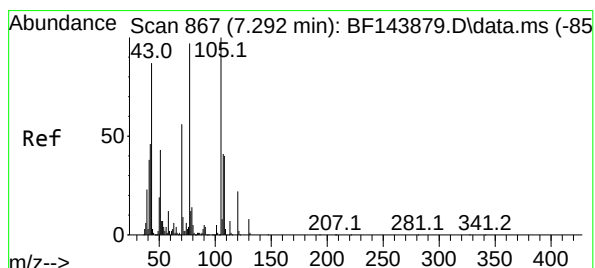
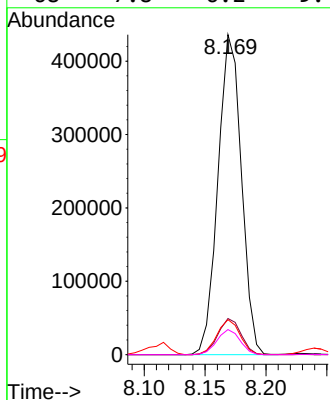
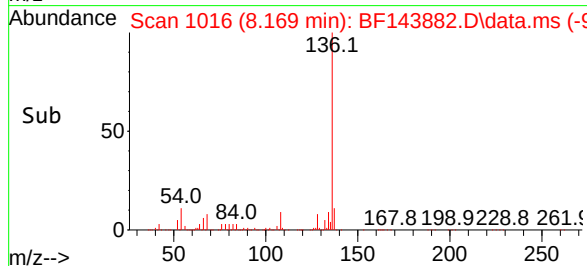
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



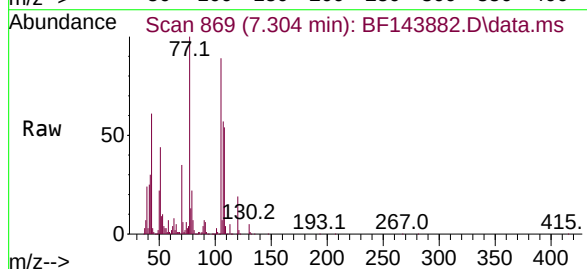
Tgt Ion:136 Resp: 584564  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.5 12.7  
54 10.9 8.2 12.4  
68 7.8 6.2 9.4

Manual Integrations  
APPROVED

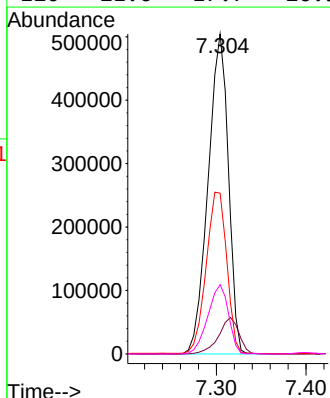
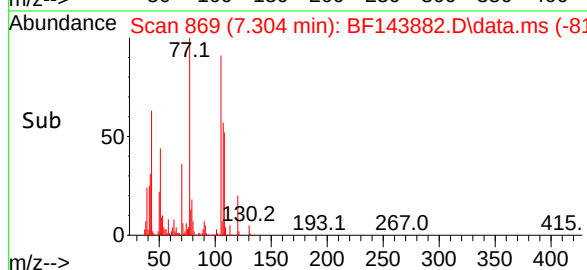
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



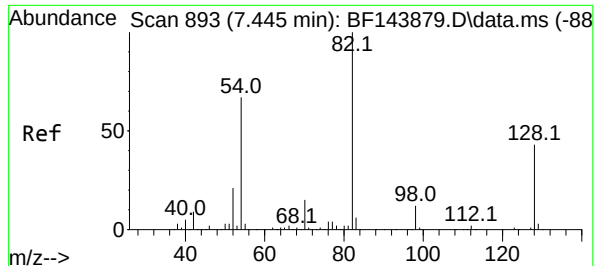
#22  
Acetophenone  
Concen: 64.345 ng  
RT: 7.304 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:105 Resp: 795315  
Ion Ratio Lower Upper  
105 100  
71 6.3 7.4 11.0#  
51 50.2 34.2 51.4  
120 21.6 17.7 26.5







#23

Nitrobenzene-d5

Concen: 149.259 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1436124

Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

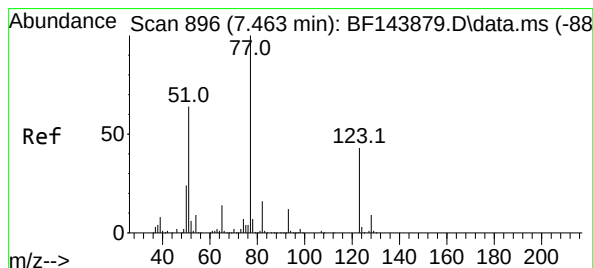
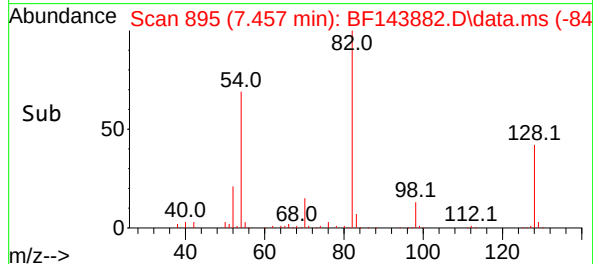
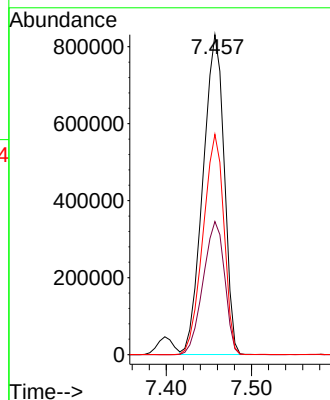
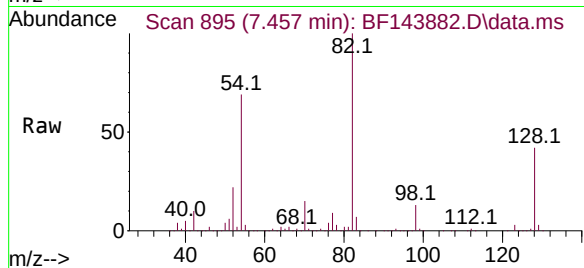
54 68.8 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 74.900 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

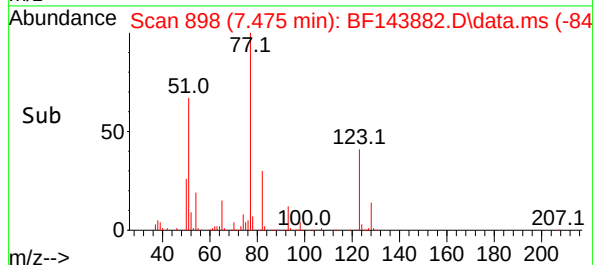
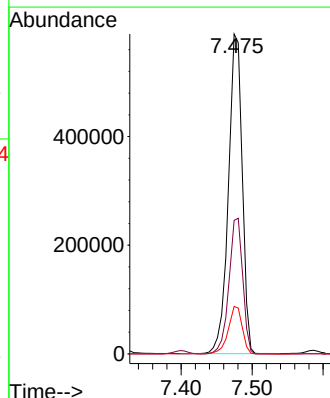
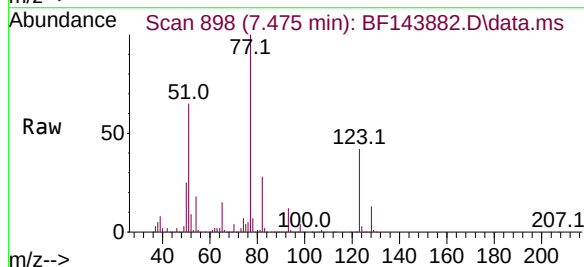
Tgt Ion: 77 Resp: 800306

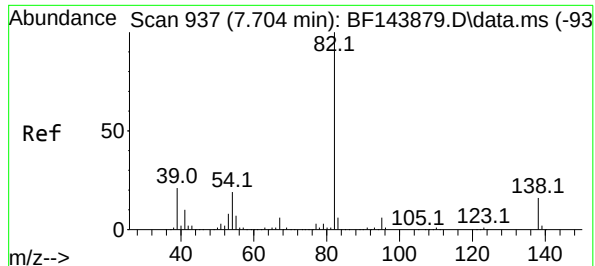
Ion Ratio Lower Upper

77 100

123 41.7 34.2 51.4

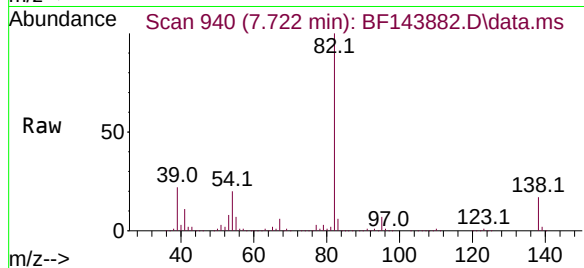
65 14.8 11.0 16.6





#25  
Isophorone  
Concen: 75.651 ng  
RT: 7.722 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

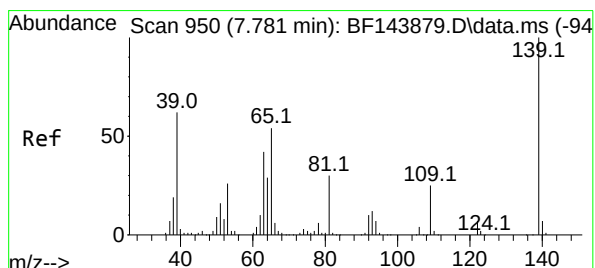
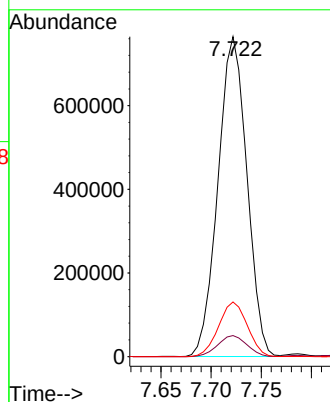
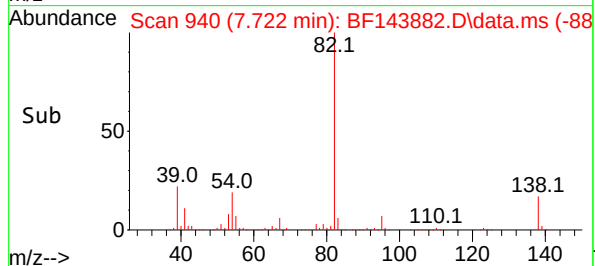
Instrument :  
BNA\_F  
Client SampleId :  
SSTDICC080



Tgt Ion: 82 Resp: 153478  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 17.1 12.9 19.3

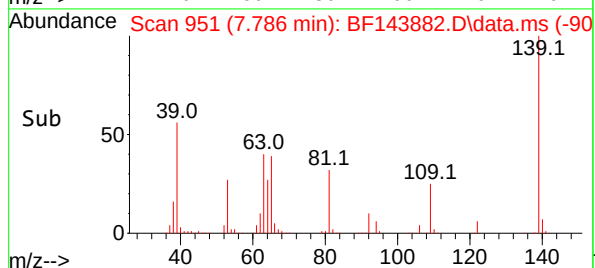
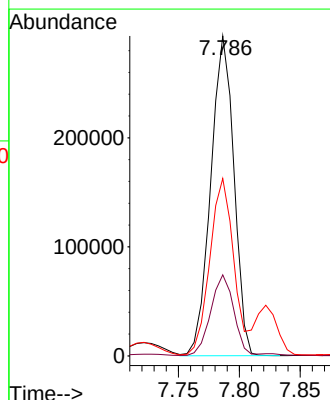
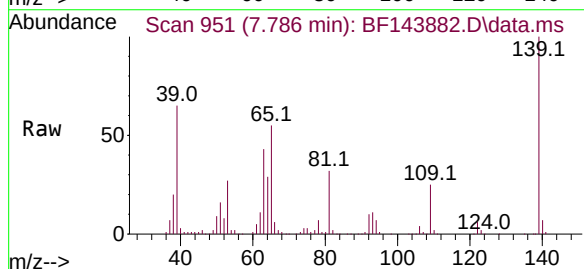
Manual Integrations  
APPROVED

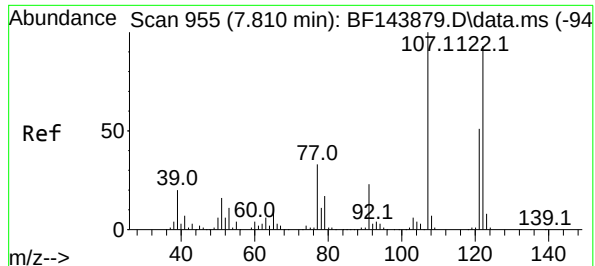
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 84.948 ng  
RT: 7.786 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:139 Resp: 389145  
Ion Ratio Lower Upper  
139 100  
109 25.3 19.8 29.6  
65 55.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 74.828 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 616626

Ion Ratio Lower Upper

122 100

107 108.9 86.1 129.1

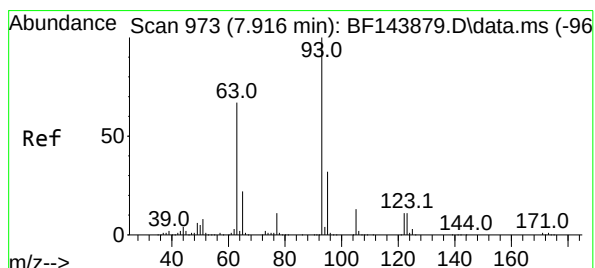
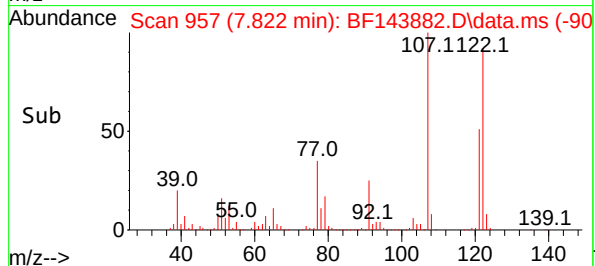
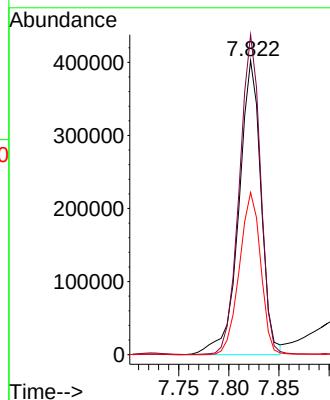
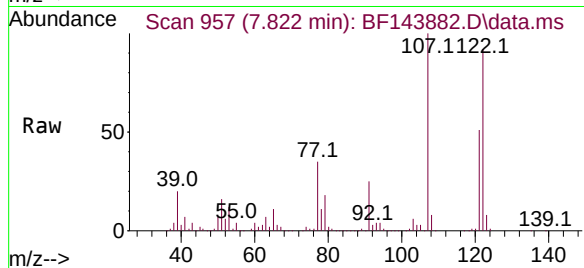
121 55.2 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 69.328 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

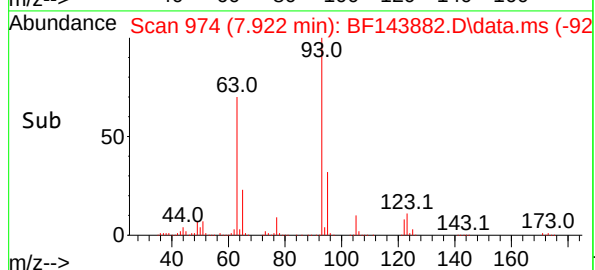
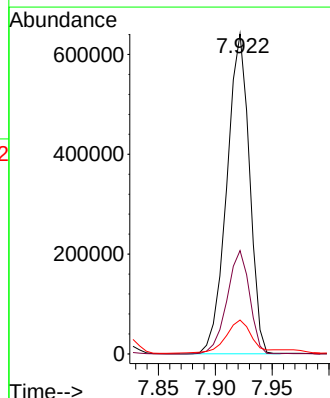
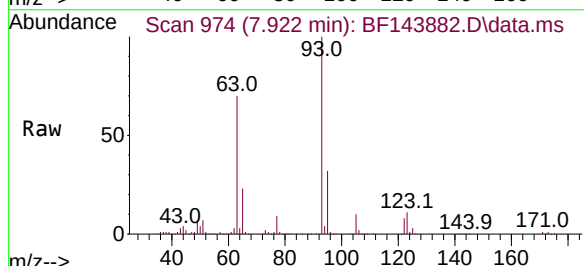
Tgt Ion: 93 Resp: 888473

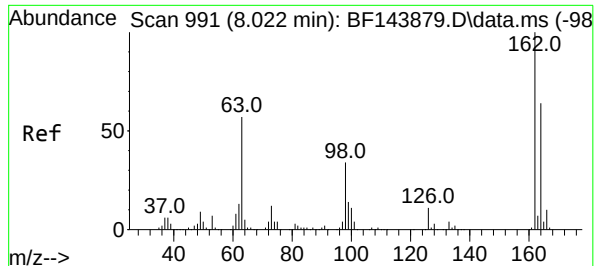
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 72.318 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 620755

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

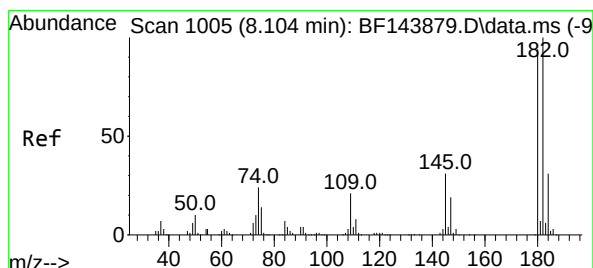
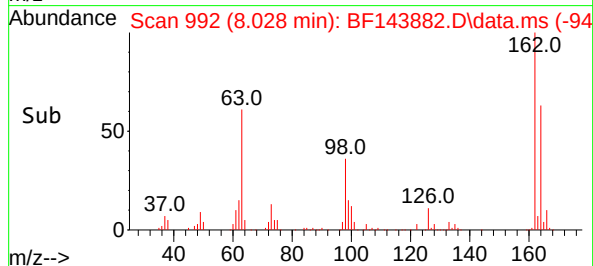
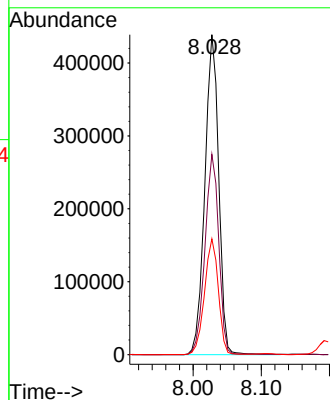
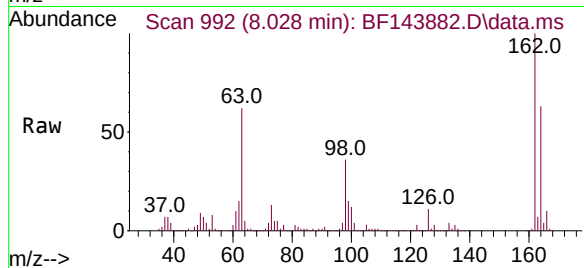
98 36.2 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 69.063 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

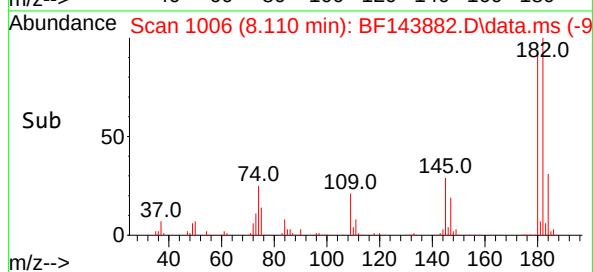
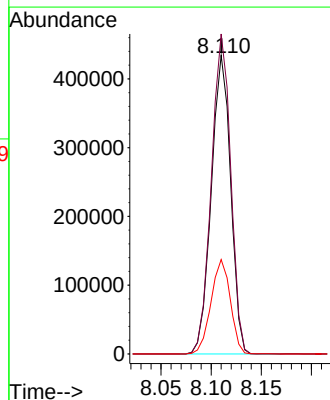
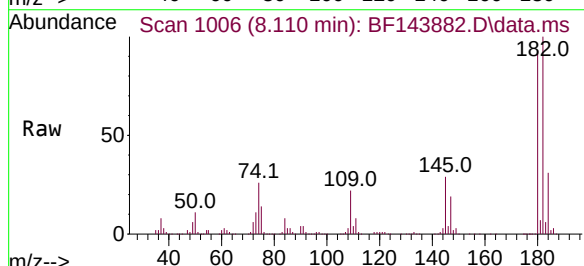
Tgt Ion:180 Resp: 583022

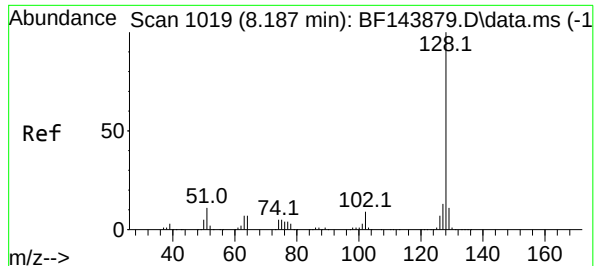
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

145 31.6 26.3 39.5





#31

Naphthalene

Concen: 64.341 ng

RT: 8.192 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:128 Resp: 1710914

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

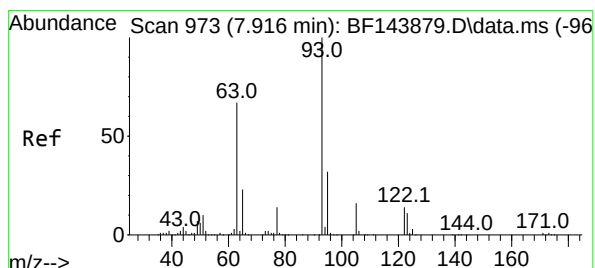
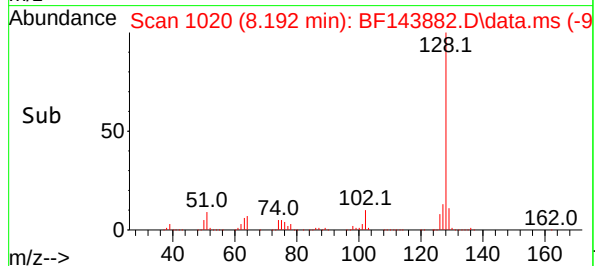
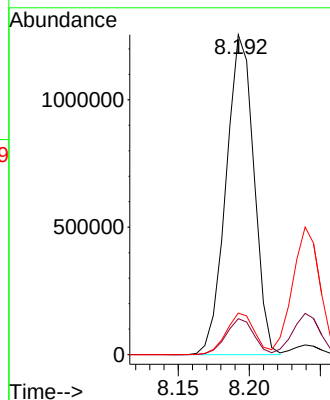
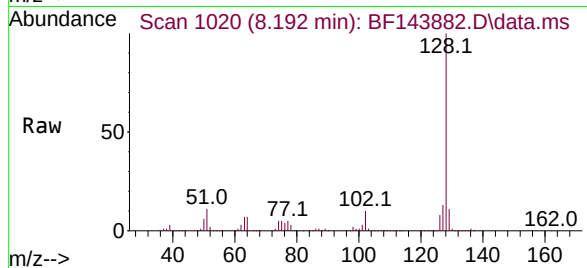
127 13.0 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 94.587 ng m

RT: 7.963 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

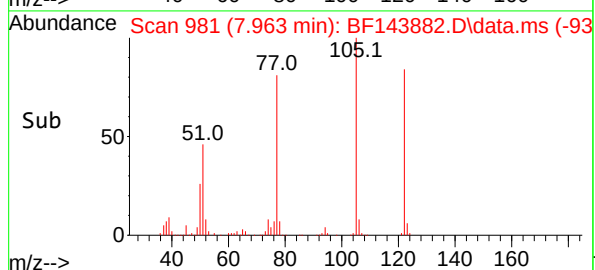
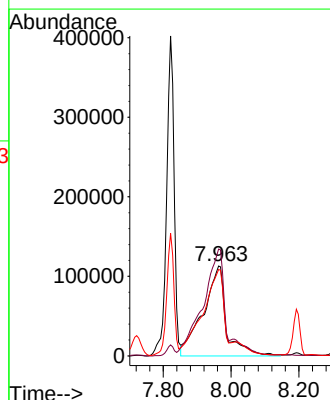
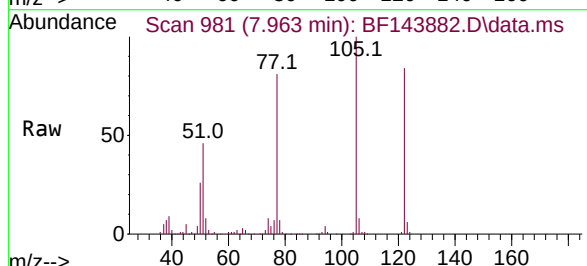
Tgt Ion:122 Resp: 539440

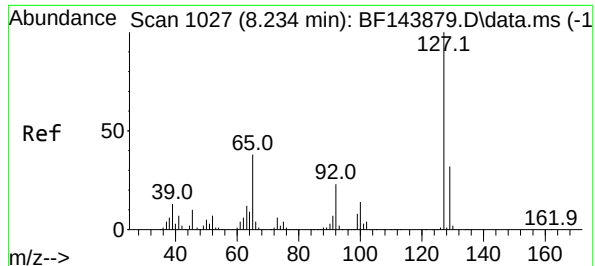
Ion Ratio Lower Upper

122 100

105 118.9 93.5 133.5

77 96.1 76.3 116.3





#33

4-Chloroaniline

Concen: 69.923 ng

RT: 8.239 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 697350

Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 39.2 30.0 45.0

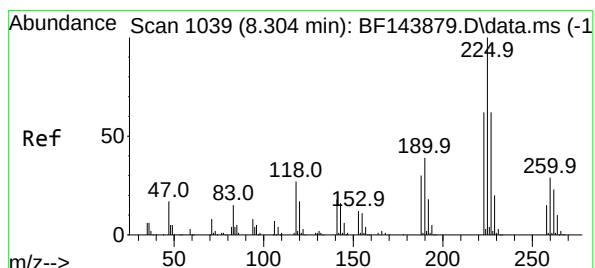
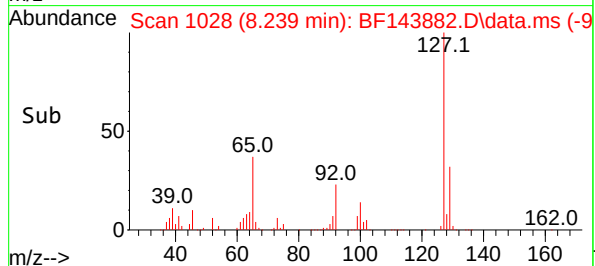
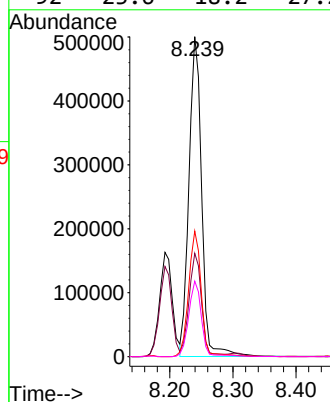
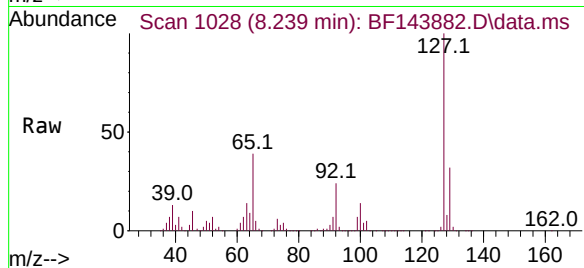
92 23.6 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 68.974 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

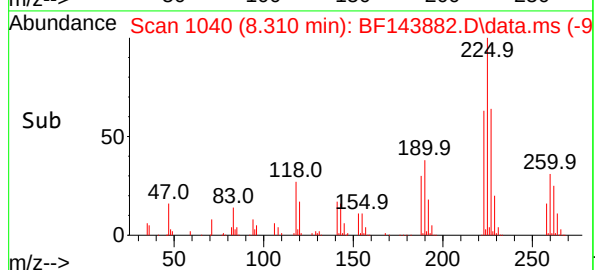
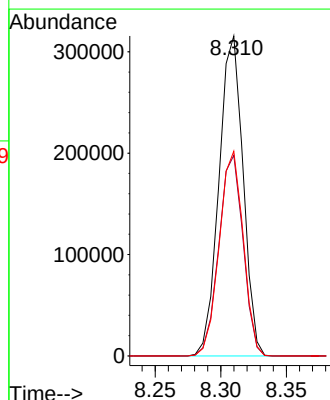
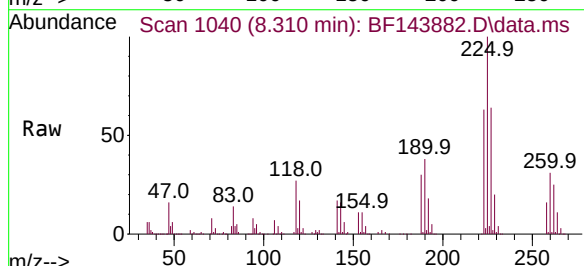
Tgt Ion:225 Resp: 404619

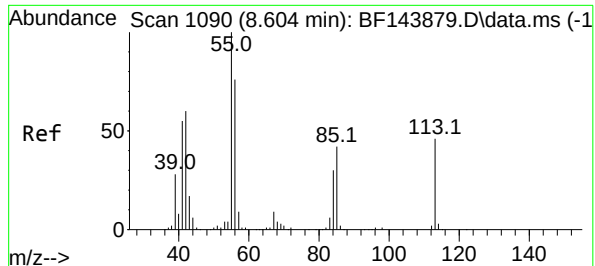
Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.2

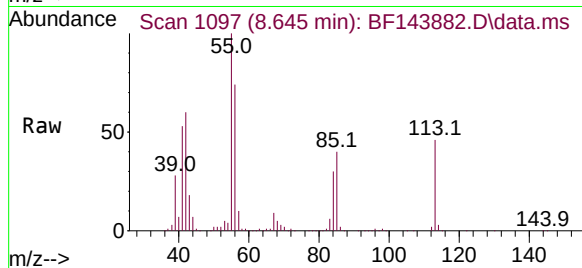
227 64.0 49.7 74.5





#35  
Caprolactam  
Concen: 80.169 ng  
RT: 8.645 min Scan# 1097  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

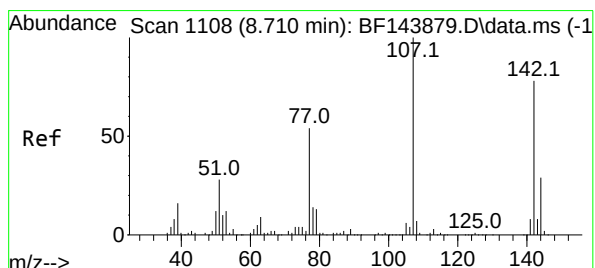
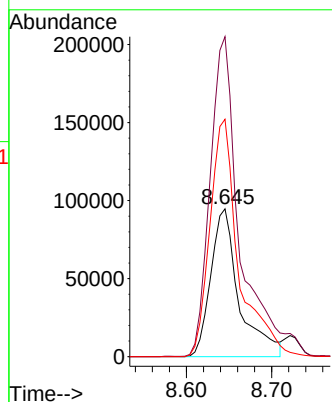
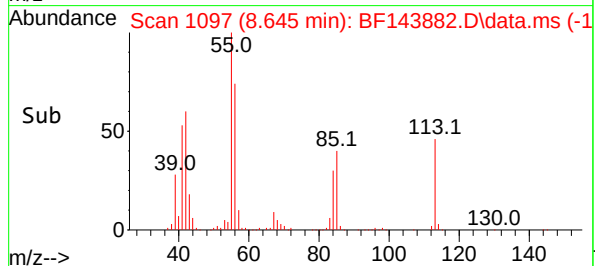
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:113 Resp: 21880  
Ion Ratio Lower Upper  
113 100  
55 216.6 199.6 239.6  
56 160.6 146.0 186.0

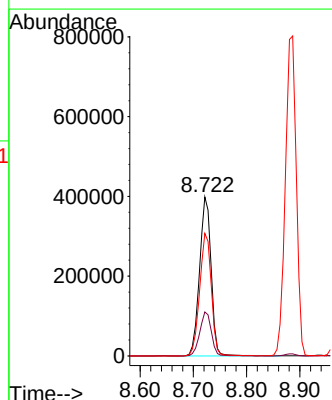
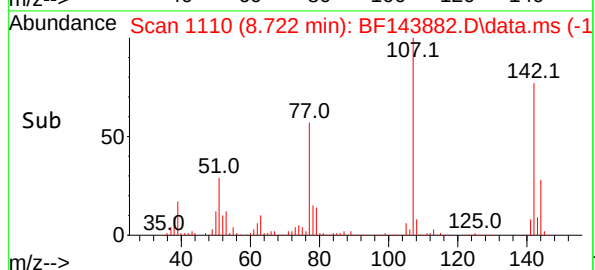
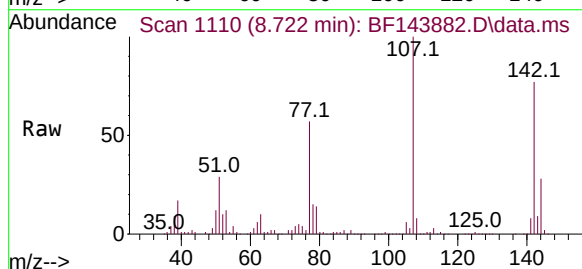
Manual Integrations  
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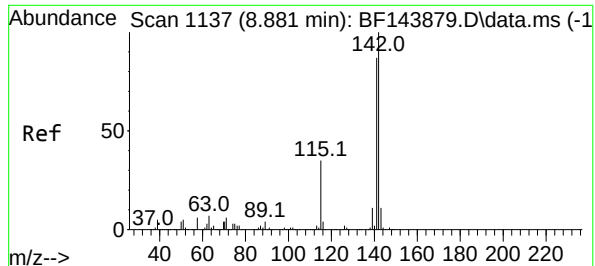
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 72.601 ng  
RT: 8.722 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

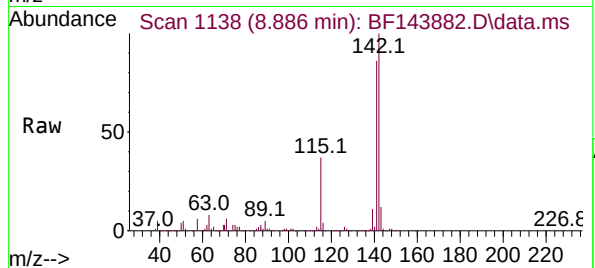
Tgt Ion:107 Resp: 598614  
Ion Ratio Lower Upper  
107 100  
144 27.6 23.1 34.7  
142 77.0 62.6 94.0





#37  
2-Methylnaphthalene  
Concen: 64.254 ng  
RT: 8.886 min Scan# 1137  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

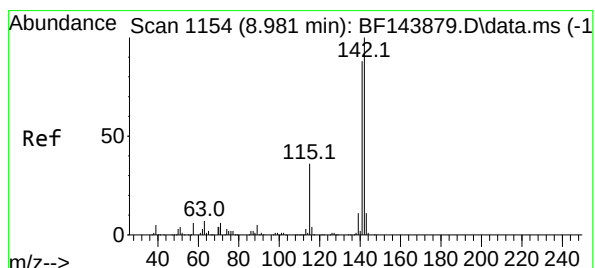
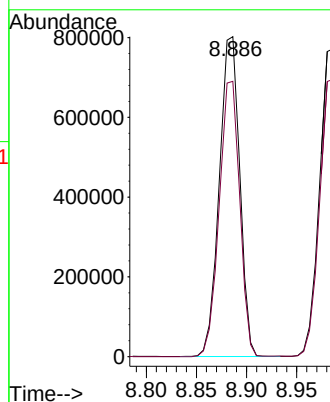
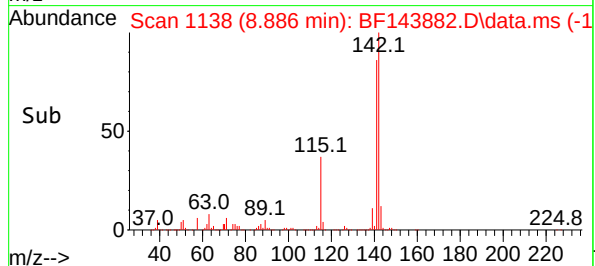
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:142 Resp: 1138146  
Ion Ratio Lower Upper  
142 100  
141 86.0 69.2 103.8

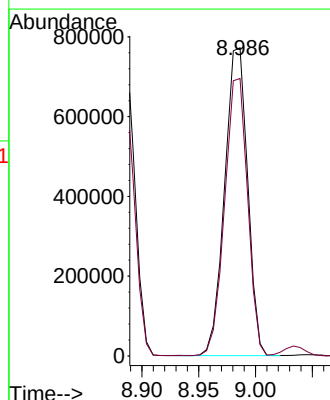
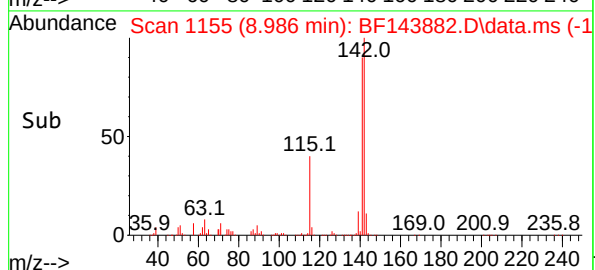
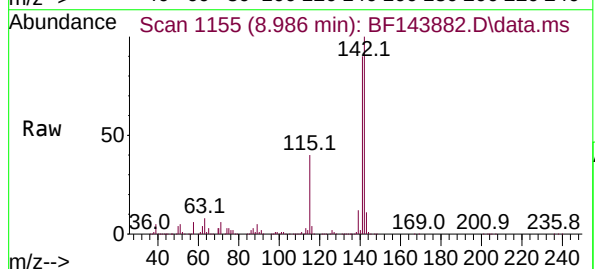
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

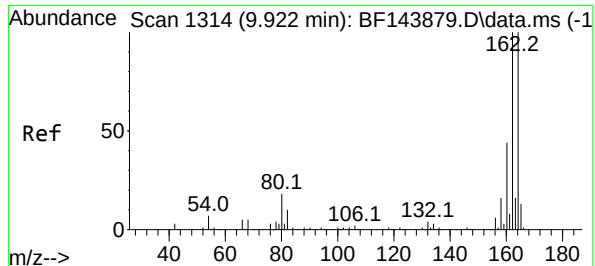


#38  
1-Methylnaphthalene  
Concen: 63.318 ng  
RT: 8.986 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:142 Resp: 1087879  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.8 106.2







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF143882.D

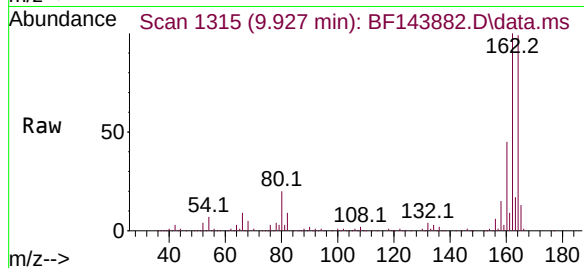
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



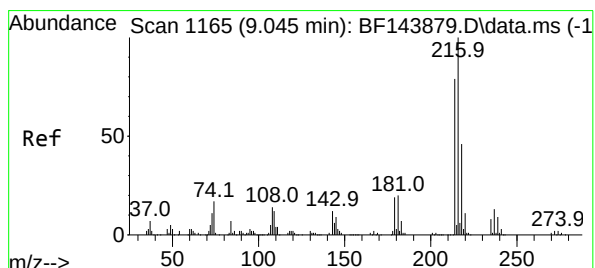
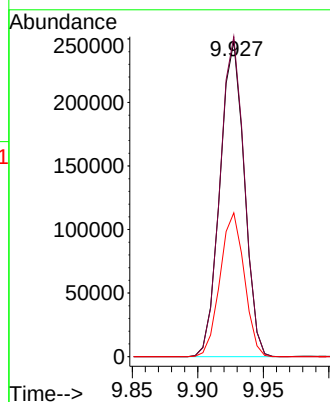
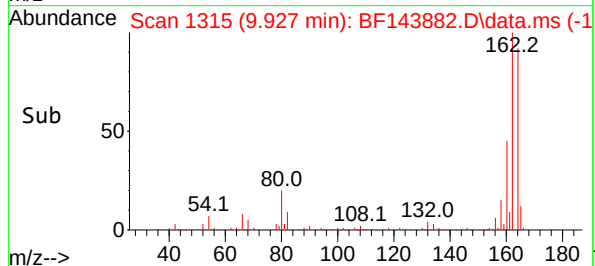
|             |                  |
|-------------|------------------|
| Tgt Ion:164 | Resp: 320335     |
| Ion Ratio   | Lower Upper      |
| 164         | 100              |
| 162         | 101.5 80.2 120.2 |
| 160         | 45.6 35.4 53.0   |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

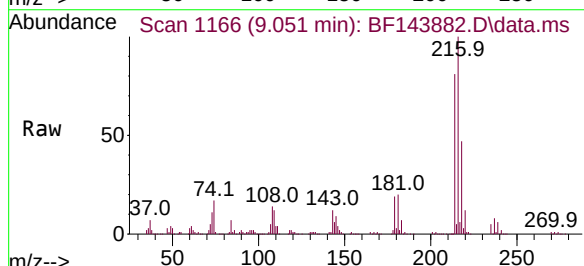
Concen: 67.166 ng

RT: 9.051 min Scan# 1166

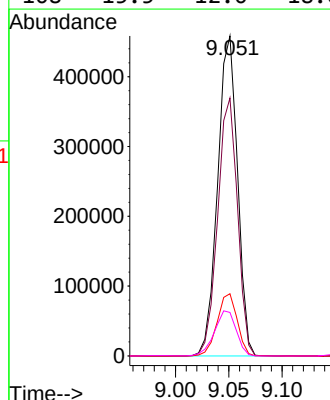
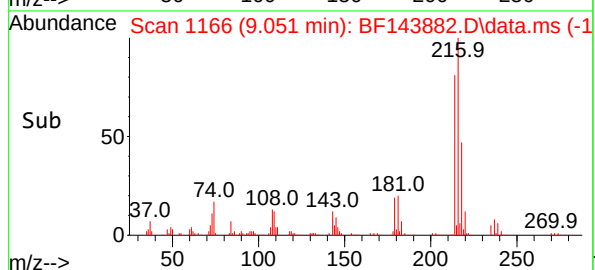
Delta R.T. 0.000 min

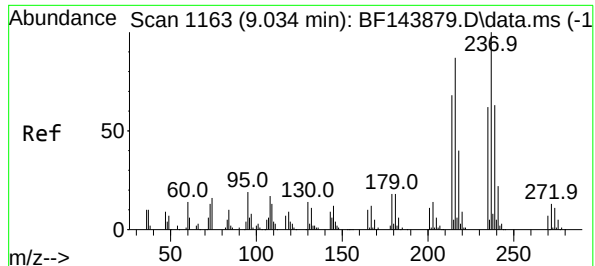
Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



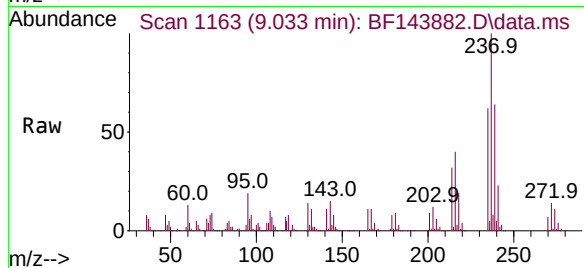
|             |                |
|-------------|----------------|
| Tgt Ion:216 | Resp: 594660   |
| Ion Ratio   | Lower Upper    |
| 216         | 100            |
| 214         | 80.4 62.6 94.0 |
| 179         | 19.6 15.4 23.0 |
| 108         | 15.5 12.0 18.0 |





#41  
Hexachlorocyclopentadiene  
Concen: 81.998 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

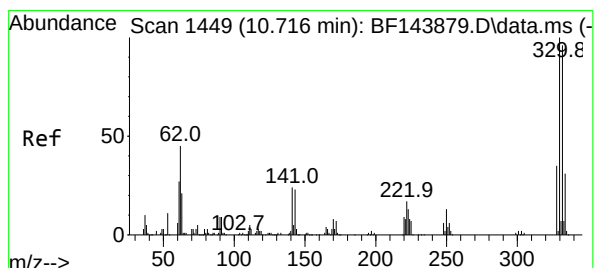
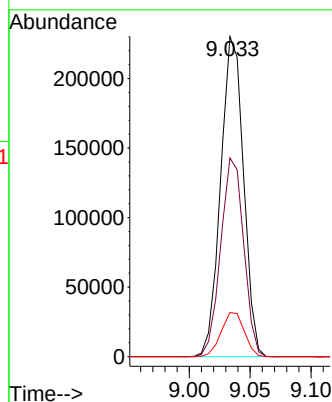
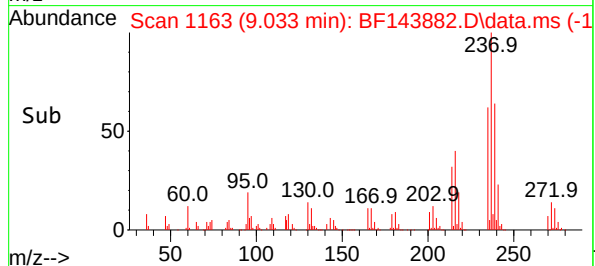
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



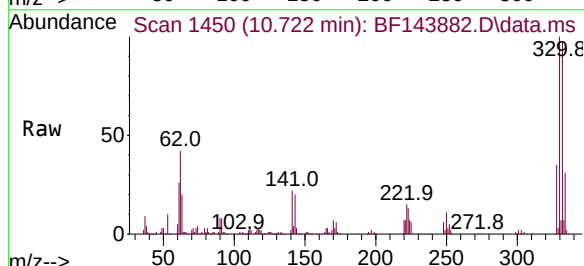
Tgt Ion:237 Resp: 301178  
Ion Ratio Lower Upper  
237 100  
235 62.1 42.3 82.3  
272 13.8 0.0 33.1

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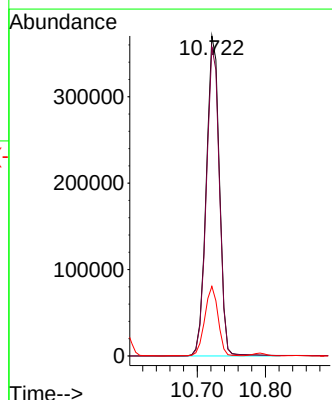
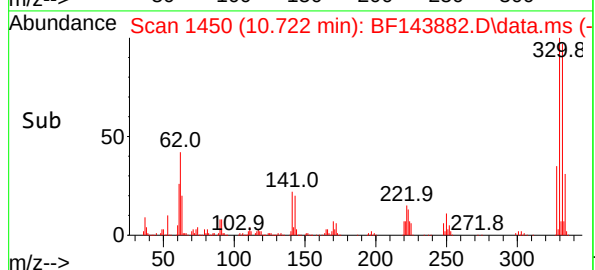
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

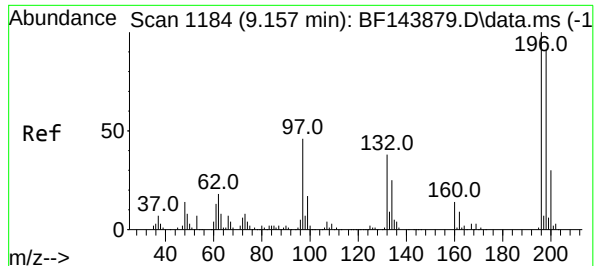


#42  
2,4,6-Tribromophenol  
Concen: 155.397 ng  
RT: 10.722 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:330 Resp: 495811  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.9 115.3  
141 21.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 74.487 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF143882.D

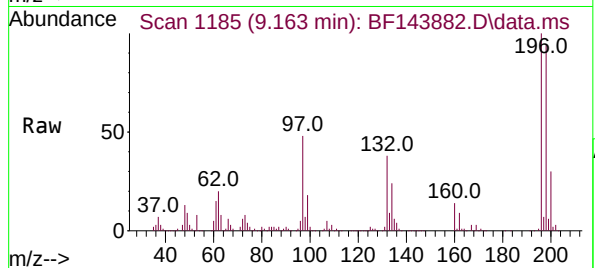
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 481852

Ion Ratio Lower Upper

196 100

198 94.4 72.8 109.2

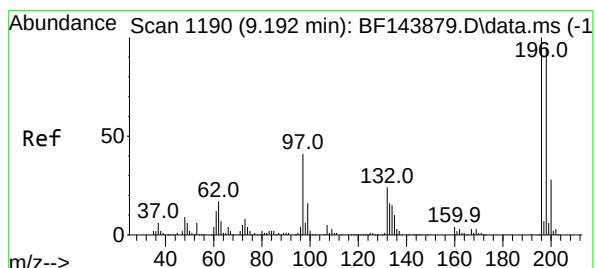
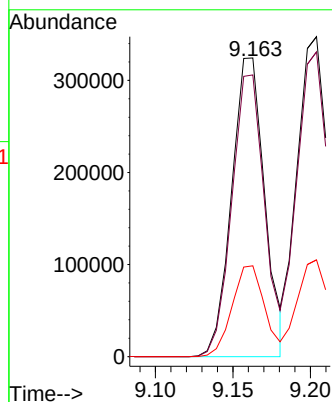
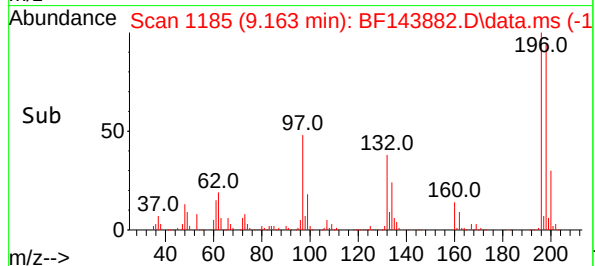
200 30.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

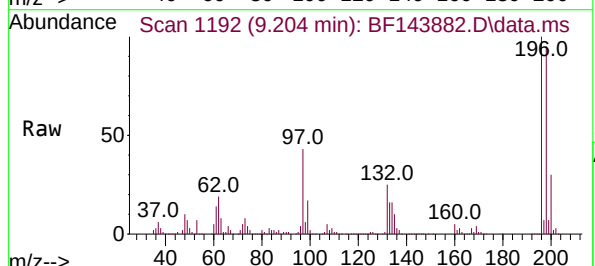
Concen: 71.286 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



Tgt Ion:196 Resp: 487322

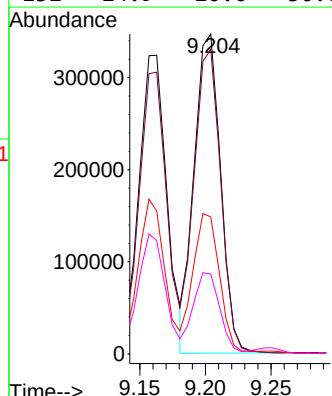
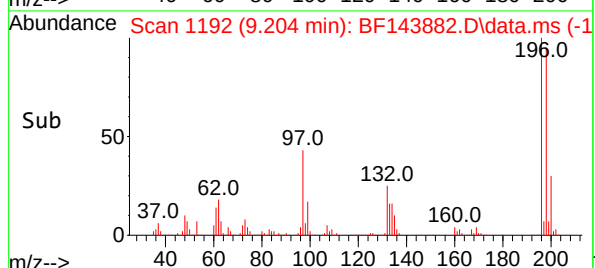
Ion Ratio Lower Upper

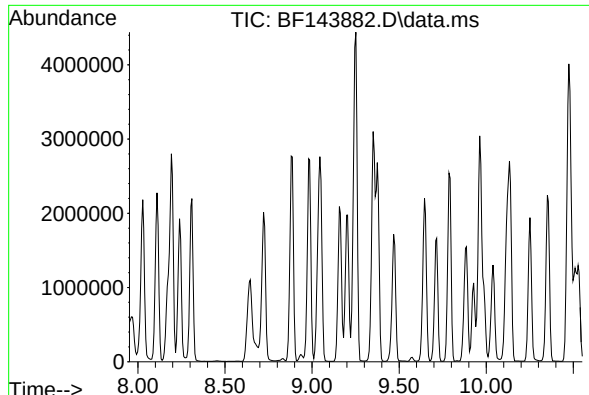
196 100

198 95.2 75.5 113.3

97 42.8 33.9 50.9

132 24.9 20.0 30.0





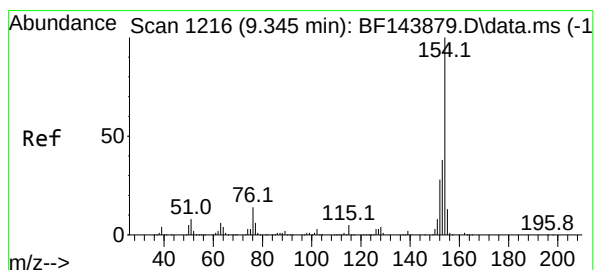
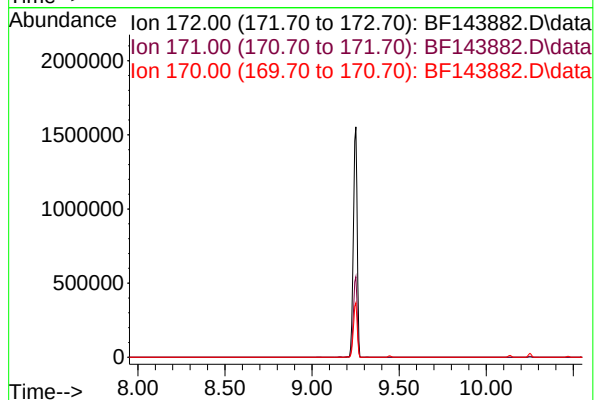
#45  
2-Fluorobiphenyl  
Concen: 0.000 ng  
Expected RT: 9.25 min  
  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion: 172  
Sig Exp Ratio  
172 100  
171 34.2  
170 23.3

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

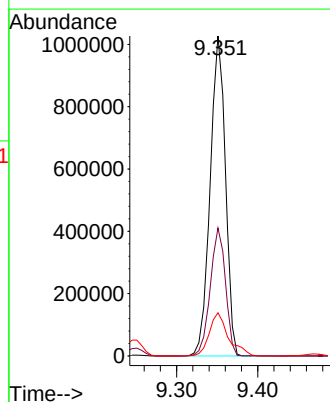
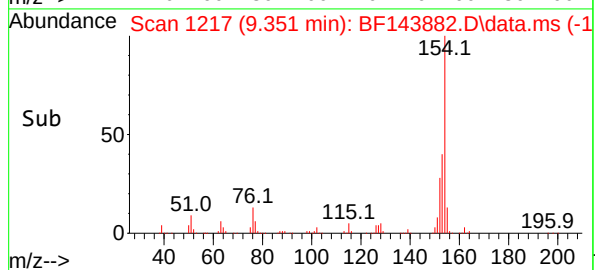
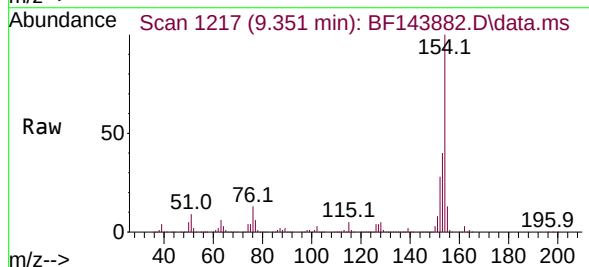
Manual Integrations  
APPROVED

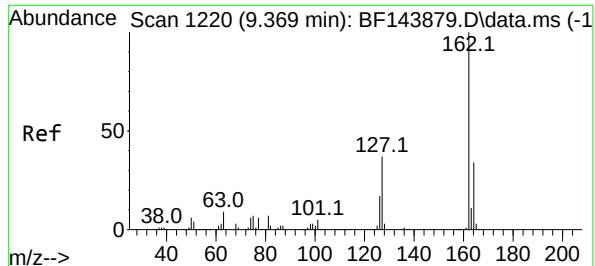
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#46  
1,1'-Biphenyl  
Concen: 63.407 ng  
RT: 9.351 min Scan# 1217  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1344805  
Ion Ratio Lower Upper  
154 100  
153 40.0 18.4 58.4  
76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 66.165 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143882.D

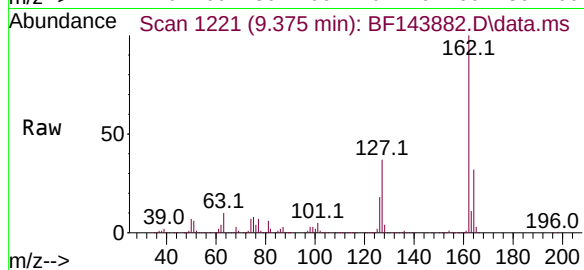
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 1170019

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

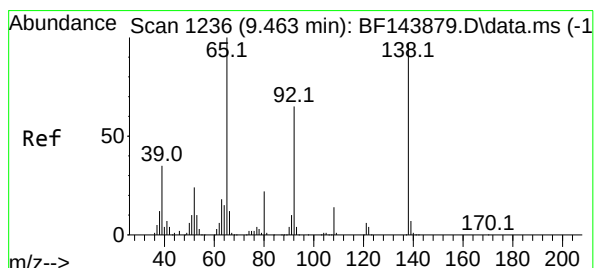
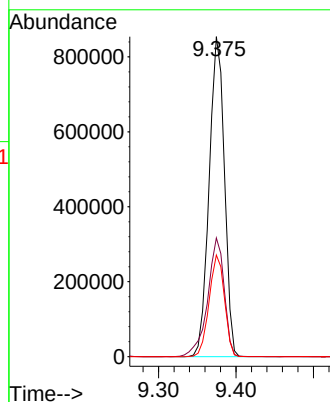
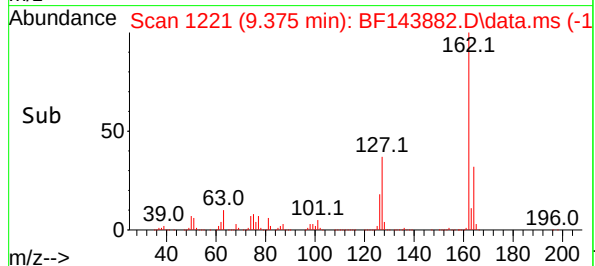
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 79.693 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

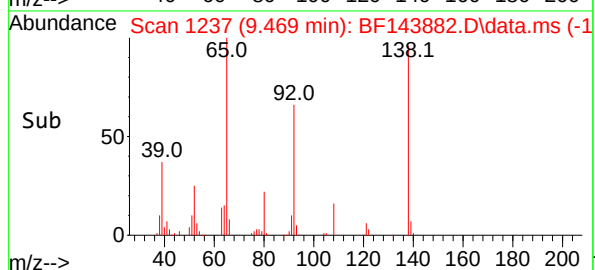
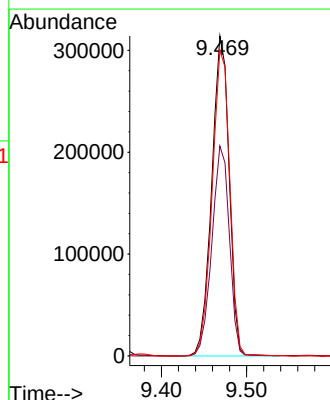
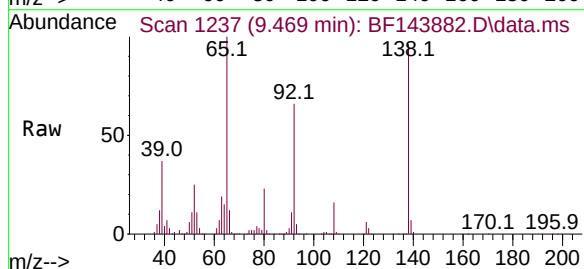
Tgt Ion: 65 Resp: 445537

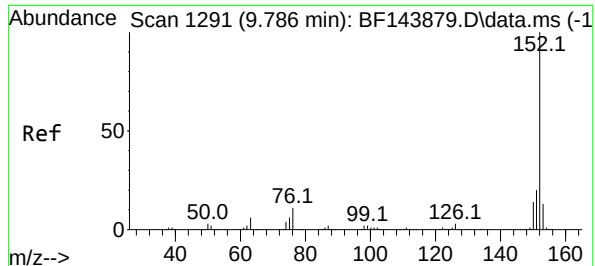
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 95.5 77.4 116.2





#49

Acenaphthylene

Concen: 66.159 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143882.D

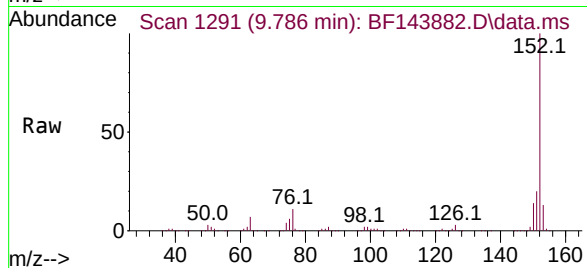
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 1644728

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

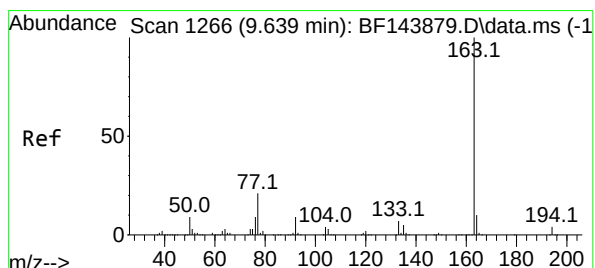
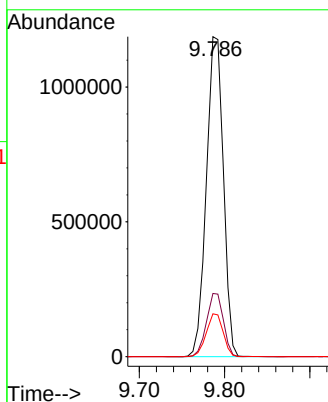
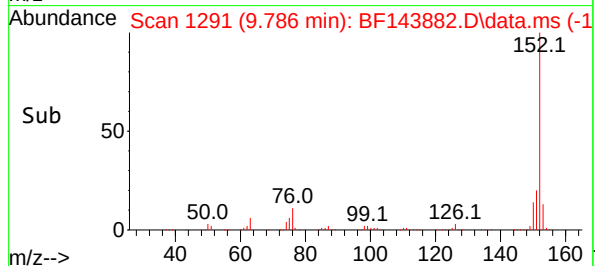
153 13.4 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

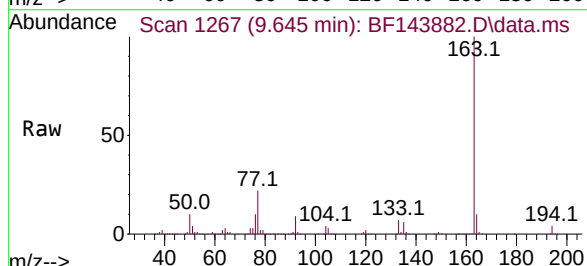
Concen: 69.582 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



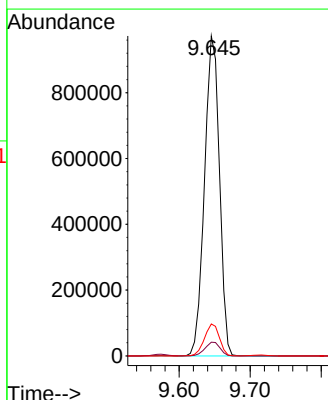
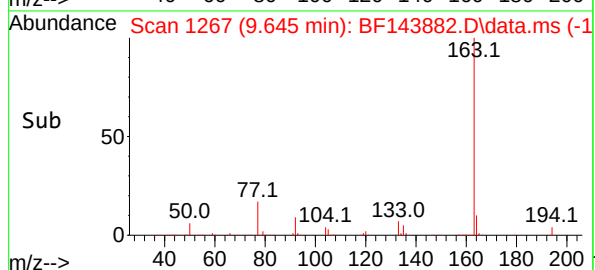
Tgt Ion:163 Resp: 1415482

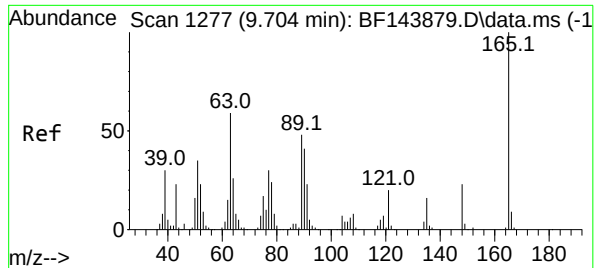
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

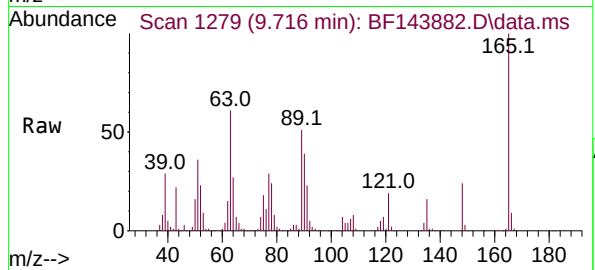
164 10.0 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 80.372 ng  
RT: 9.716 min Scan# 1279  
Delta R.T. -0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

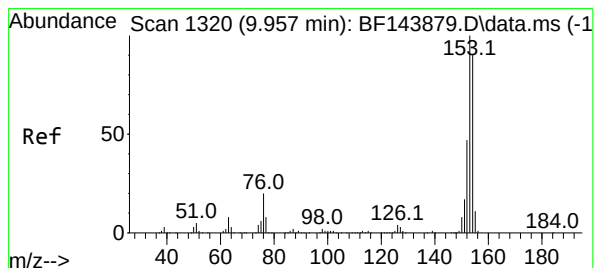
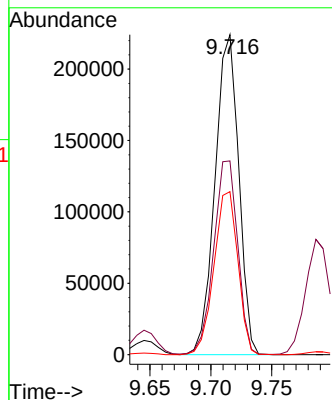
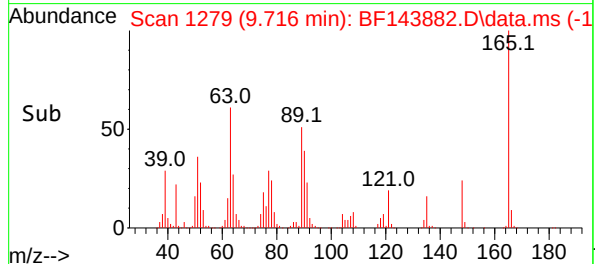
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:165 Resp: 303176  
Ion Ratio Lower Upper  
165 100  
63 60.5 47.3 70.9  
89 51.0 38.2 57.4

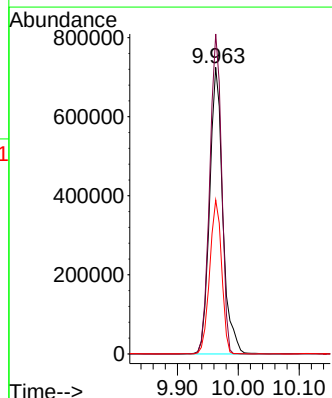
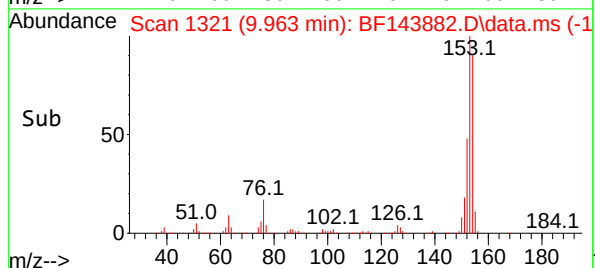
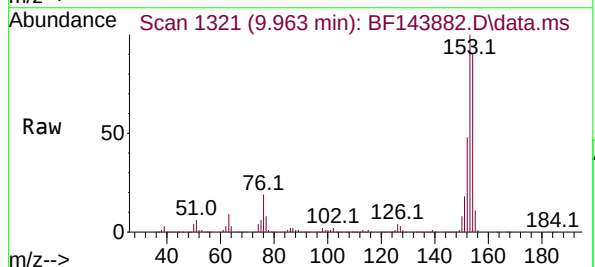
Manual Integrations  
APPROVED

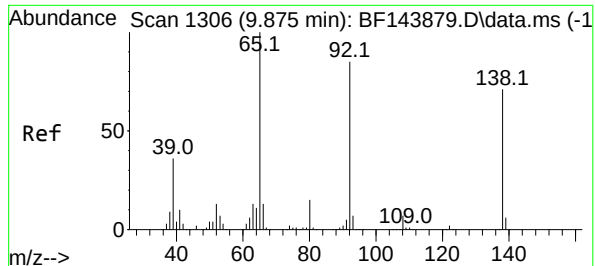
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 66.651 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1085733  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.3 133.9  
152 53.7 42.2 63.2





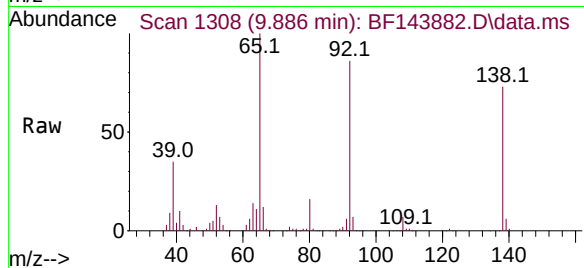
#53  
3-Nitroaniline  
Concen: 79.233 ng  
RT: 9.886 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

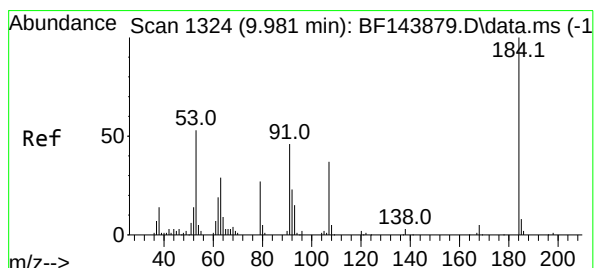
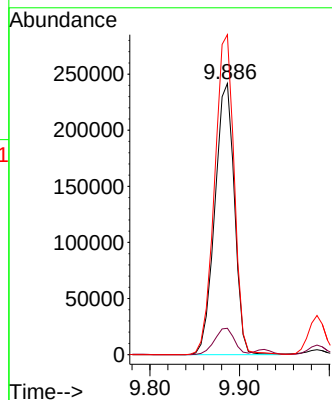
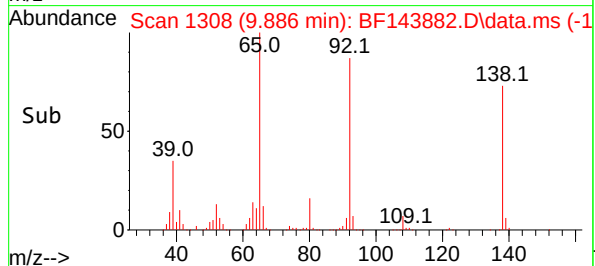


Tgt Ion:138 Resp: 365960  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.3 12.5  
92 118.0 96.2 144.2

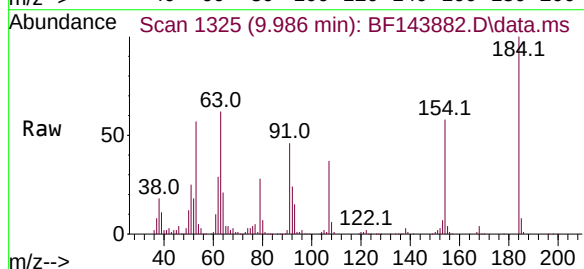
Manual Integrations

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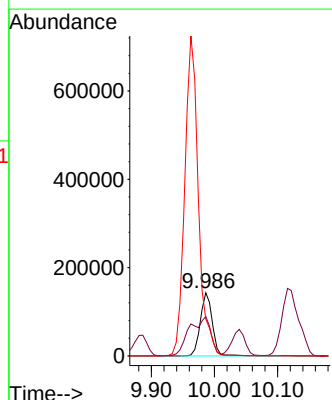
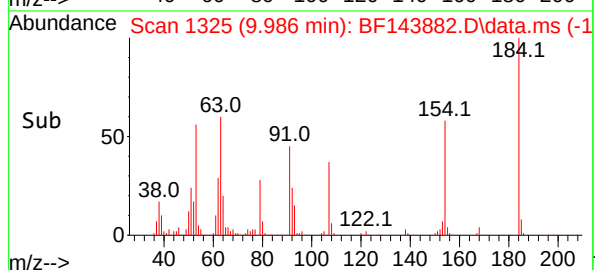
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



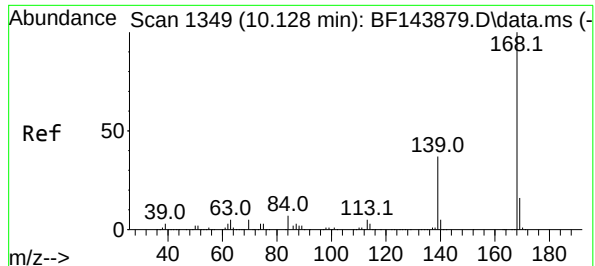
#54  
2,4-Dinitrophenol  
Concen: 80.556 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:184 Resp: 187560  
Ion Ratio Lower Upper  
184 100  
63 62.4 48.2 72.4  
154 58.5 49.2 73.8







#55

Dibenzofuran

Concen: 63.998 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143882.D

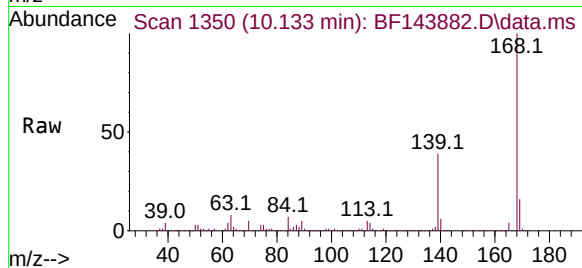
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:168 Resp: 1471622

Ion Ratio Lower Upper

168 100

139 39.0 29.8 44.8

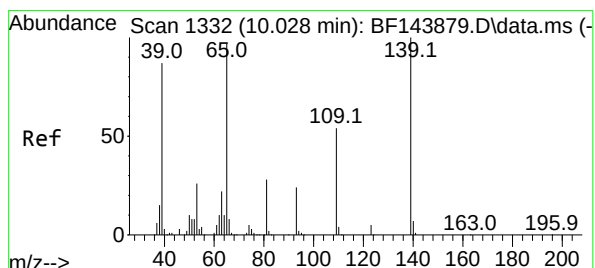
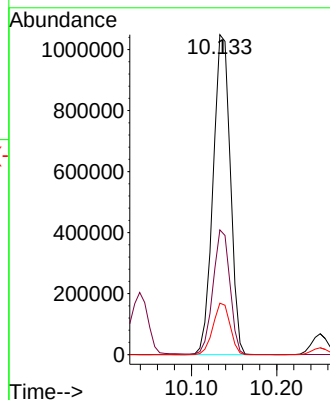
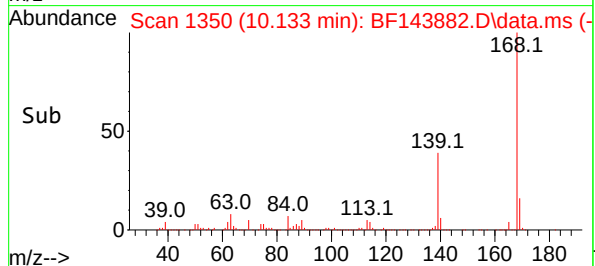
169 16.1 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 84.335 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

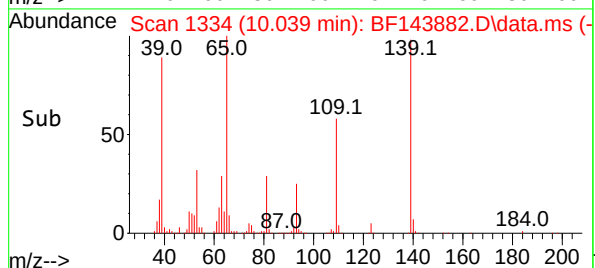
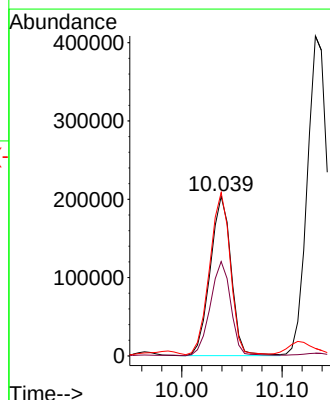
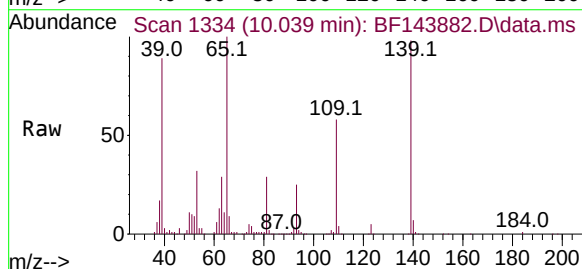
Tgt Ion:139 Resp: 294937

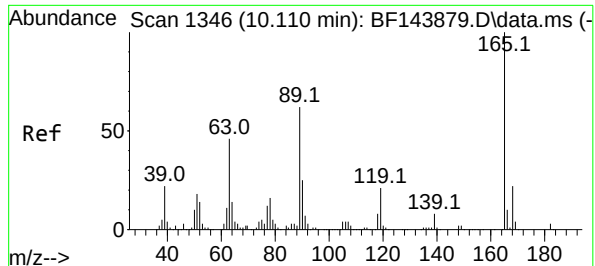
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

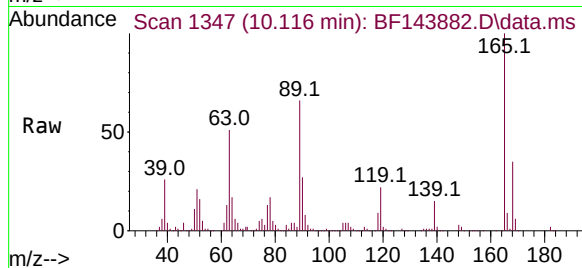
65 102.4 77.6 117.6





#57  
2,4-Dinitrotoluene  
Concen: 79.779 ng  
RT: 10.116 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

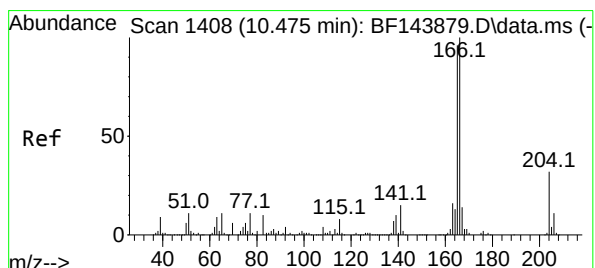
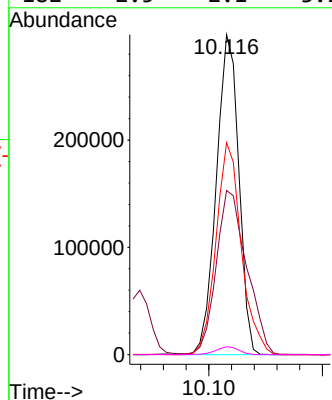
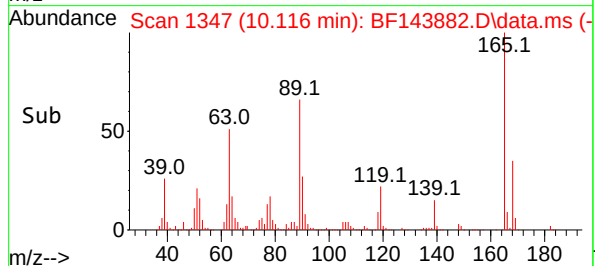
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:165 Resp: 409463  
Ion Ratio Lower Upper  
165 100  
63 51.3 37.2 55.8  
89 66.2 49.4 74.2  
182 2.5 2.1 3.1

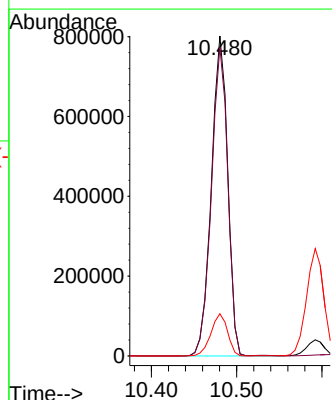
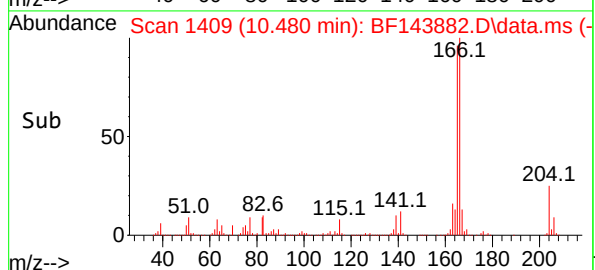
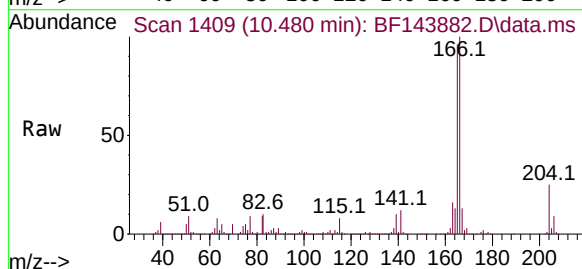
Manual Integrations  
APPROVED

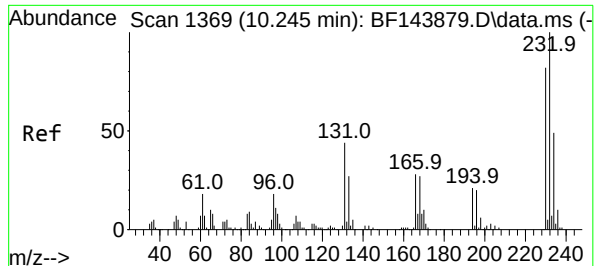
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#58  
Fluorene  
Concen: 61.654 ng  
RT: 10.480 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

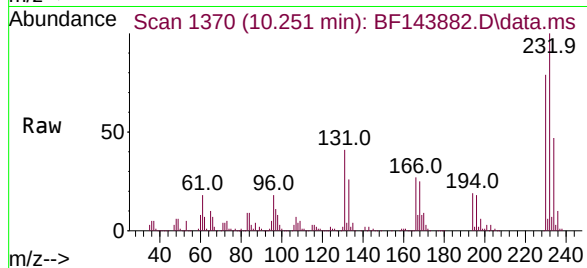
Tgt Ion:166 Resp: 1069764  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.0 115.6  
167 13.2 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 76.170 ng  
RT: 10.251 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

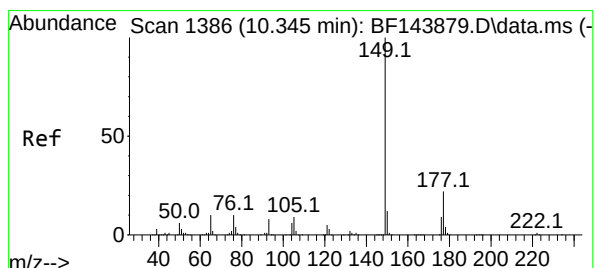
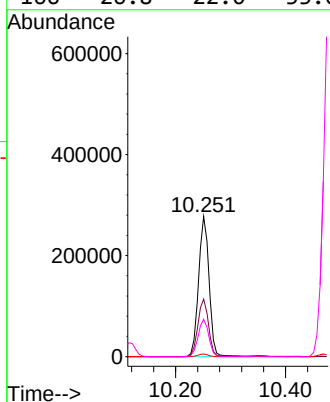
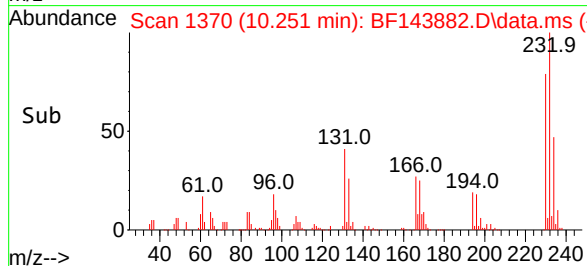
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC080



Tgt Ion:232 Resp: 368599  
Ion Ratio Lower Upper  
232 100  
131 41.5 34.9 52.3  
130 1.8 1.6 2.4  
166 26.8 22.0 33.0

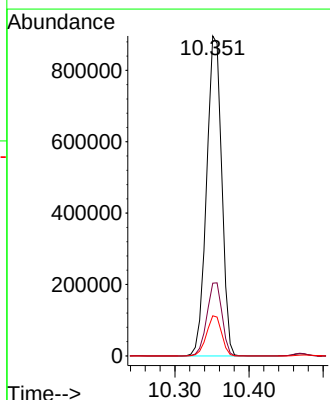
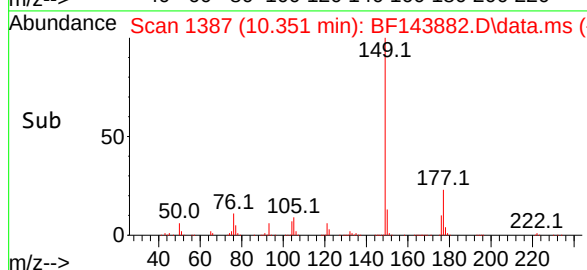
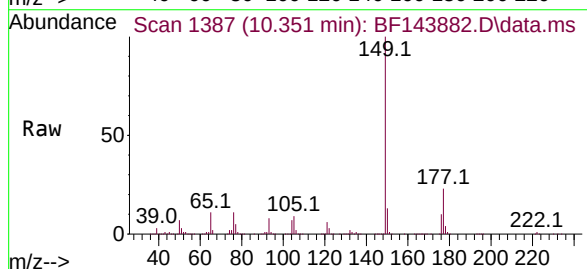
Manual Integrations  
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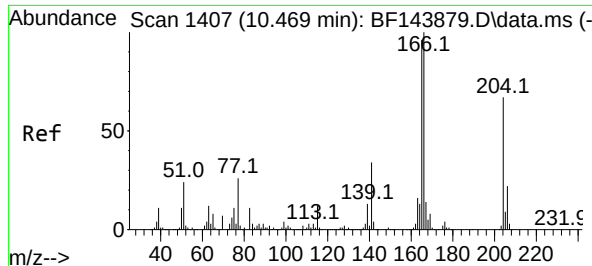
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#60  
Diethylphthalate  
Concen: 67.047 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

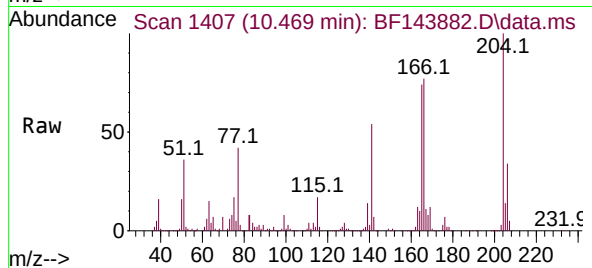
Tgt Ion:149 Resp: 1267085  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.9 26.9  
150 12.5 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 62.357 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

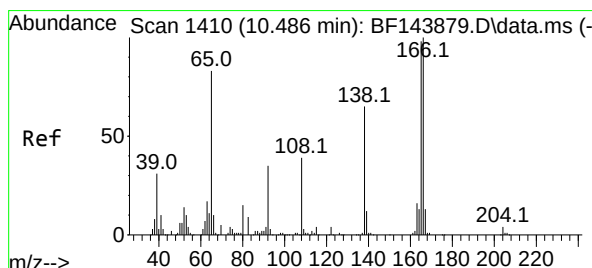
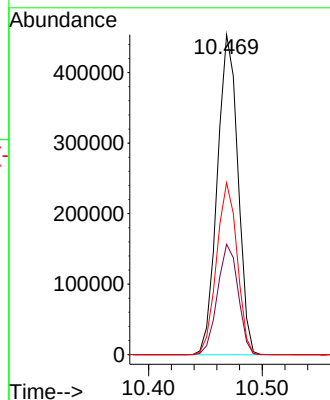
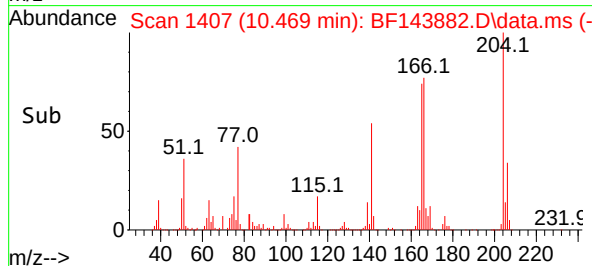
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



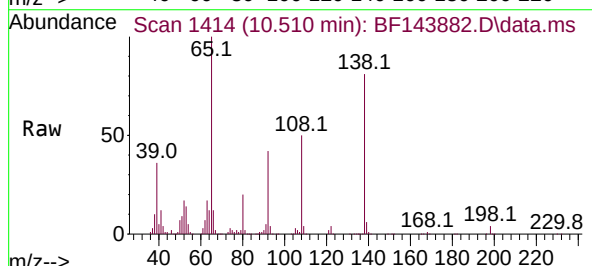
Tgt Ion:204 Resp: 572035  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.6 40.0  
141 53.7 40.4 60.6

Manual Integrations  
APPROVED

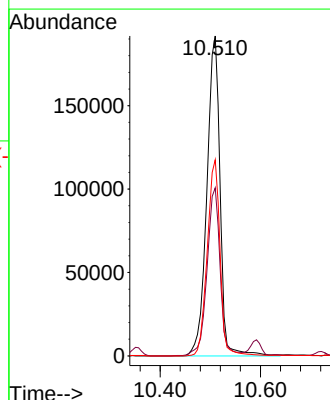
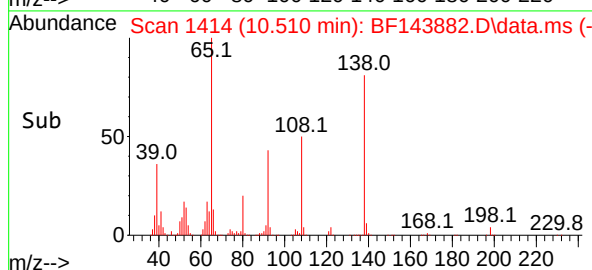
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

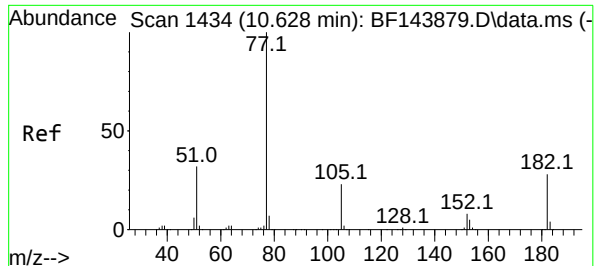


#62  
4-Nitroaniline  
Concen: 79.169 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



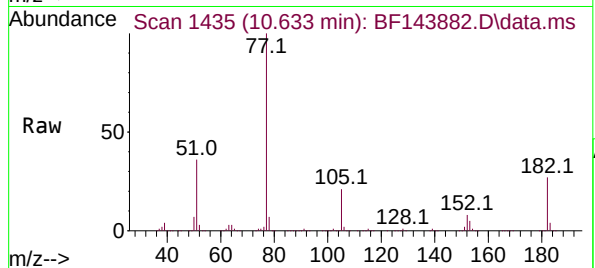
Tgt Ion:138 Resp: 351634  
Ion Ratio Lower Upper  
138 100  
92 52.5 33.9 73.9  
108 61.3 40.2 80.2





#63  
Azobenzene  
Concen: 68.446 ng  
RT: 10.633 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

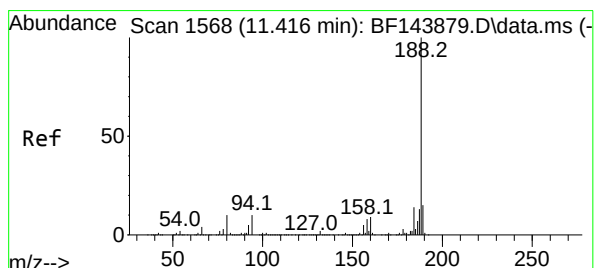
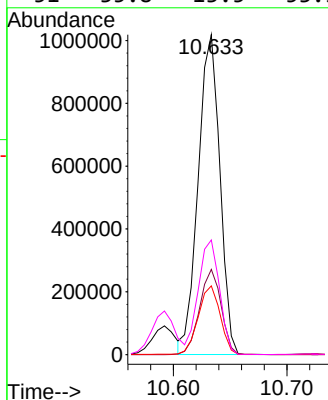
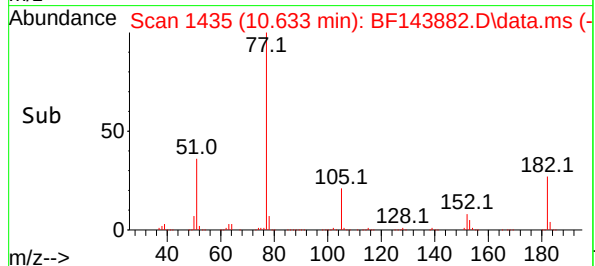
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 77 Resp: 1351920  
Ion Ratio Lower Upper  
77 100  
182 26.7 7.3 47.3  
105 21.5 3.0 43.0  
51 35.8 13.5 53.5

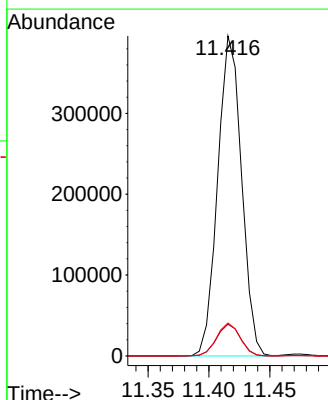
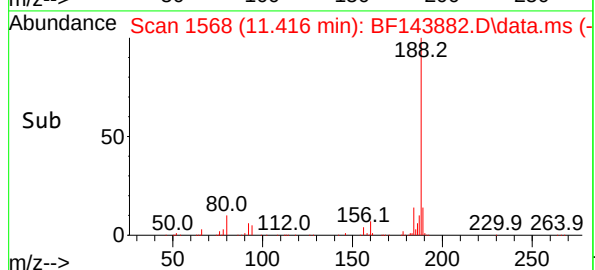
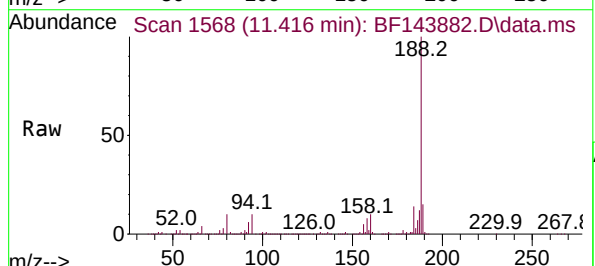
Manual Integrations  
APPROVED

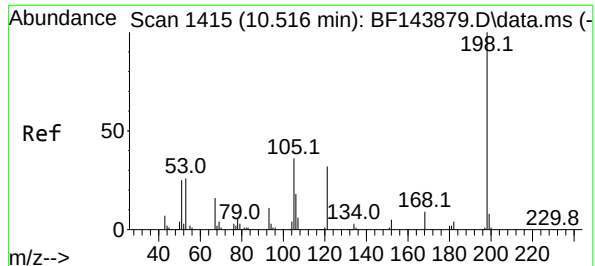
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

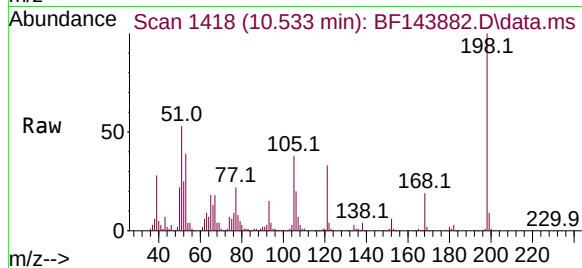
Tgt Ion:188 Resp: 540366  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.8 11.6  
80 10.3 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 87.227 ng  
RT: 10.533 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

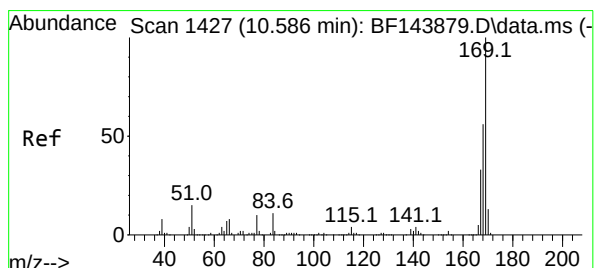
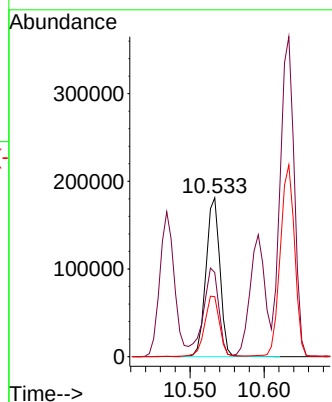
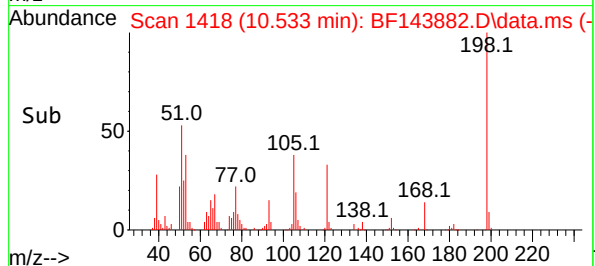
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:198 Resp: 236863  
Ion Ratio Lower Upper  
198 100  
51 53.0 33.8 73.8  
105 37.7 17.0 57.0

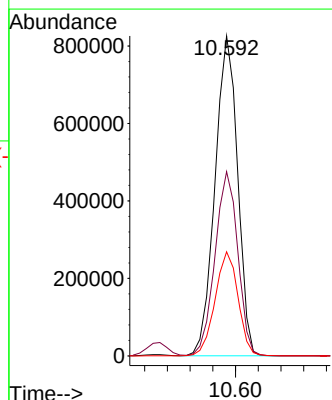
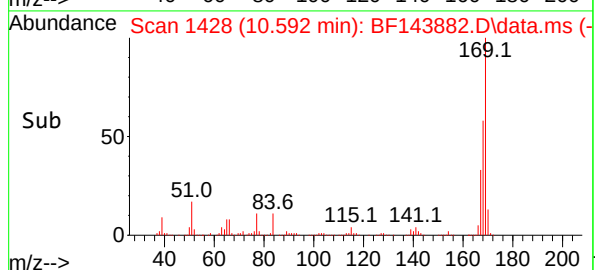
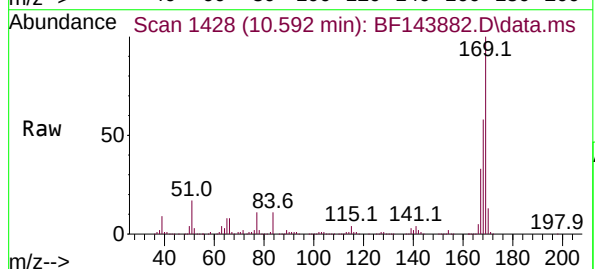
Manual Integrations  
APPROVED

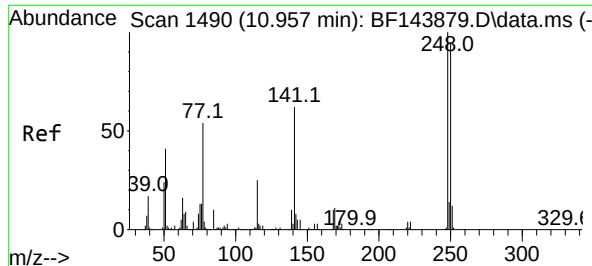
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 67.159 ng  
RT: 10.592 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

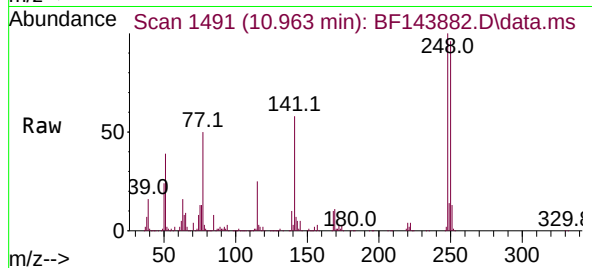
Tgt Ion:169 Resp: 1139482  
Ion Ratio Lower Upper  
169 100  
168 57.6 44.9 67.3  
167 32.5 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 70.857 ng  
RT: 10.963 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

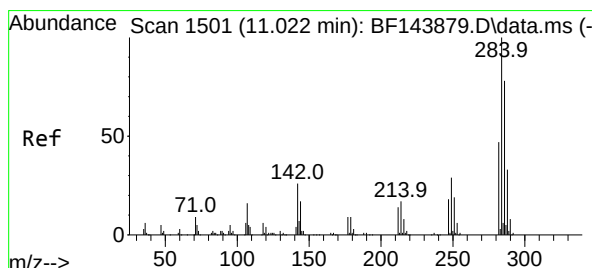
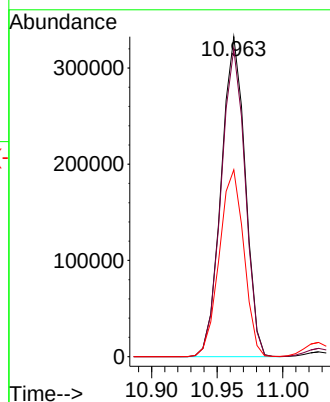
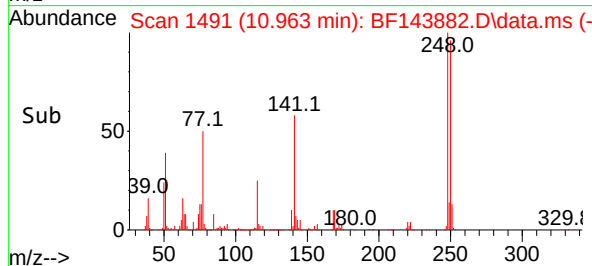
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



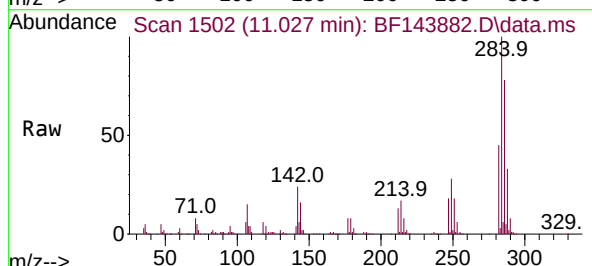
Tgt Ion:248 Resp: 423148  
Ion Ratio Lower Upper  
248 100  
250 96.2 76.3 114.5  
141 58.4 49.7 74.5

Manual Integrations  
APPROVED

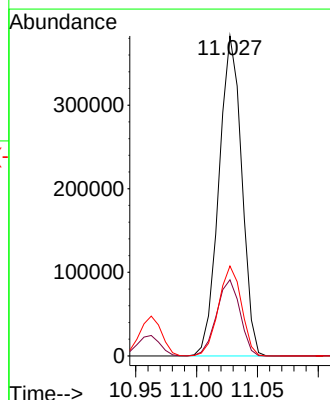
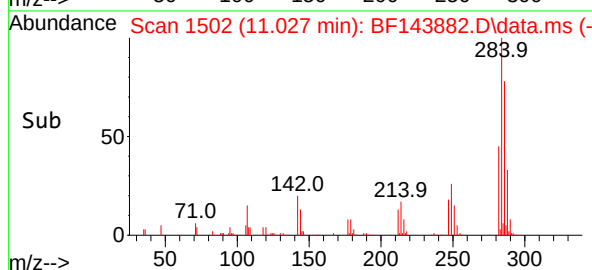
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

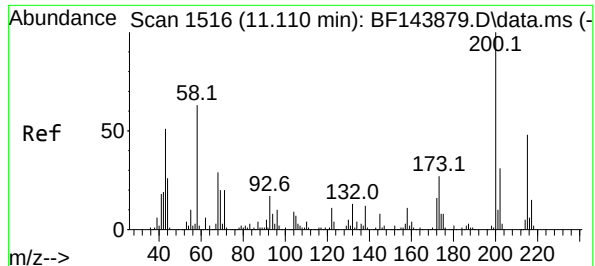


#68  
Hexachlorobenzene  
Concen: 72.118 ng  
RT: 11.027 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



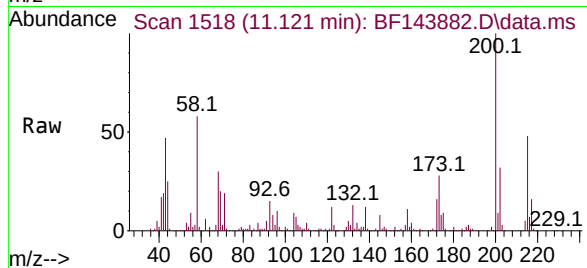
Tgt Ion:284 Resp: 498602  
Ion Ratio Lower Upper  
284 100  
142 23.8 20.6 30.8  
249 28.1 23.2 34.8





#69  
Atrazine  
Concen: 67.621 ng  
RT: 11.121 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

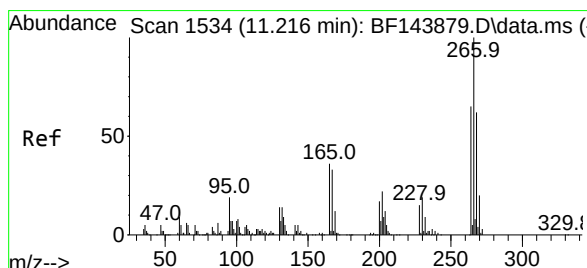
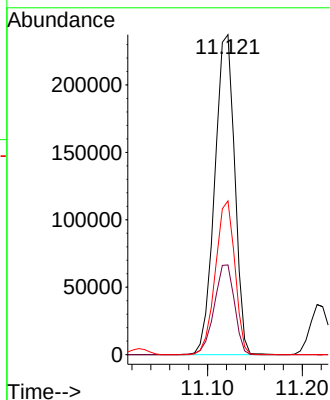
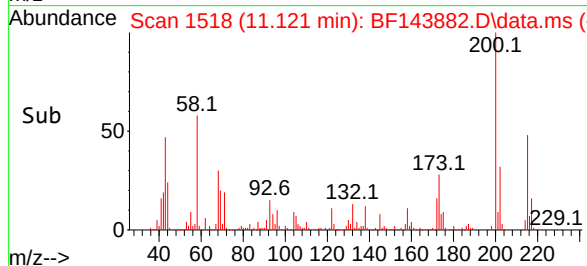
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



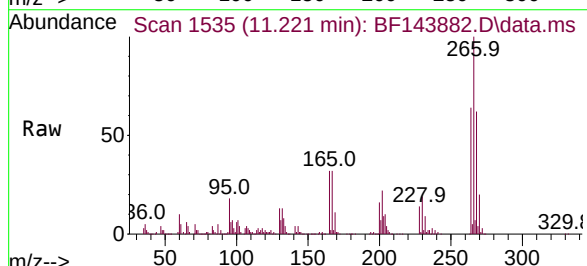
Tgt Ion:200 Resp: 347749  
Ion Ratio Lower Upper  
200 100  
173 28.0 7.0 47.0  
215 48.0 27.8 67.8

Manual Integrations  
APPROVED

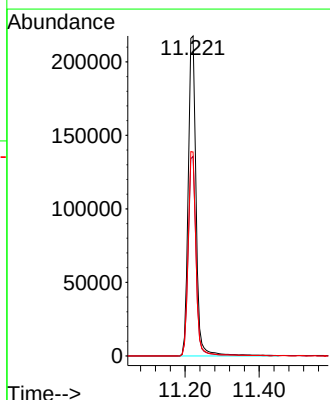
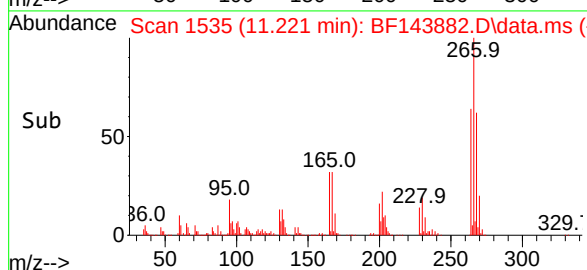
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



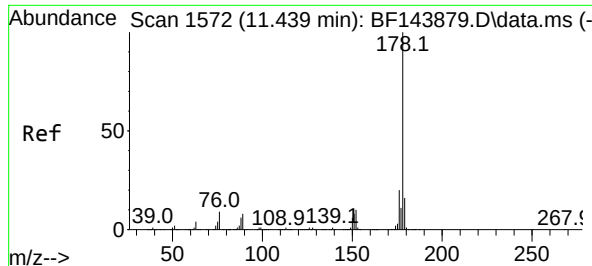
#70  
Pentachlorophenol  
Concen: 80.208 ng  
RT: 11.221 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:266 Resp: 318486  
Ion Ratio Lower Upper  
266 100  
268 62.3 49.4 74.0  
264 63.7 51.8 77.6

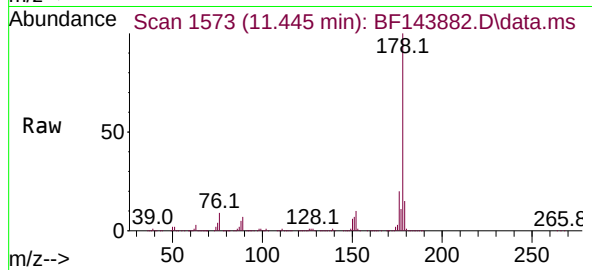






#71  
Phenanthrene  
Concen: 63.980 ng  
RT: 11.445 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

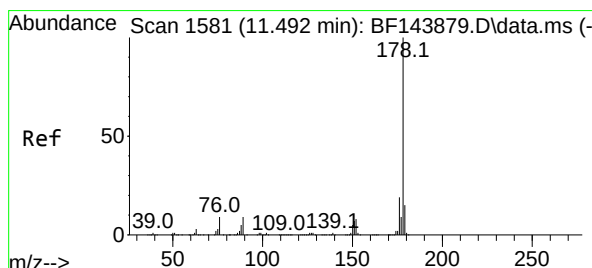
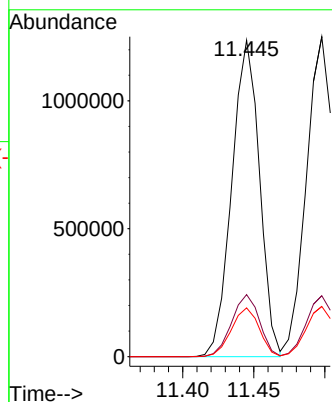
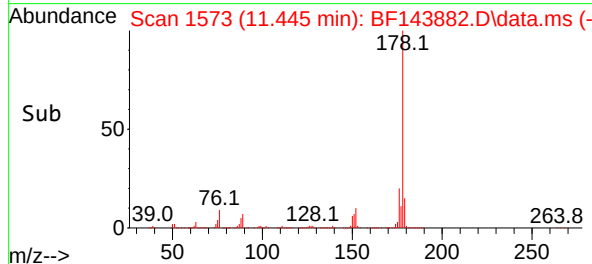
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:178 Resp: 1676081  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.4 12.4 18.6

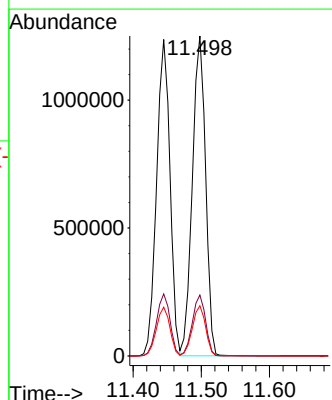
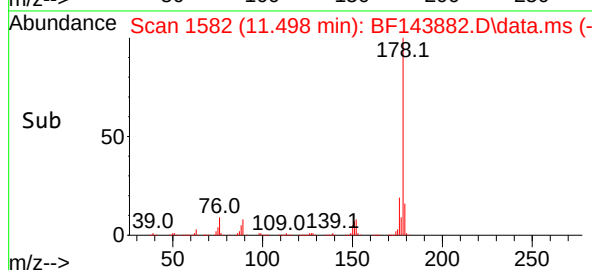
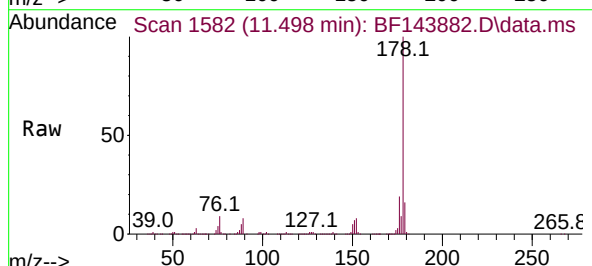
Manual Integrations  
APPROVED

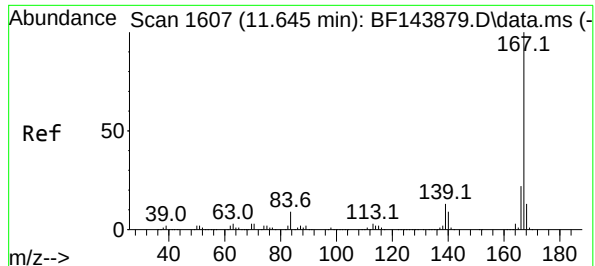
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 63.814 ng  
RT: 11.498 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

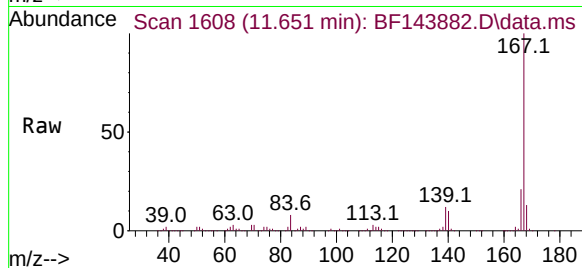
Tgt Ion:178 Resp: 1688865  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 15.7 12.2 18.2





#73  
Carbazole  
Concen: 64.832 ng  
RT: 11.651 min Scan# 1608  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

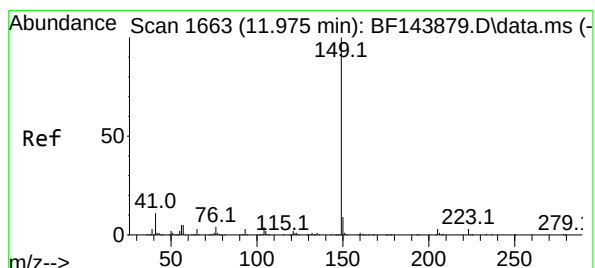
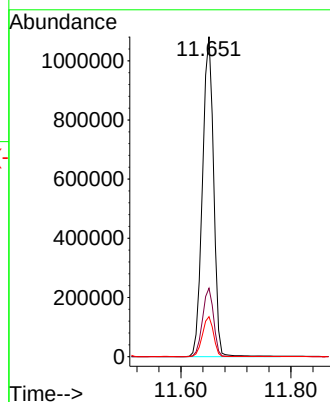
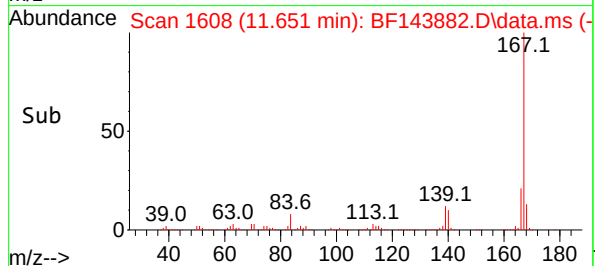
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:167 Resp: 1519615  
Ion Ratio Lower Upper  
167 100  
166 21.4 17.2 25.8  
139 12.5 10.1 15.1

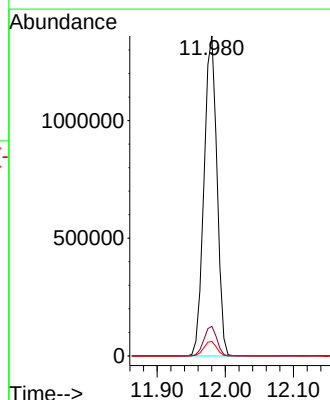
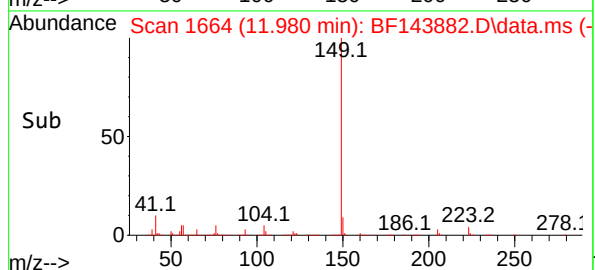
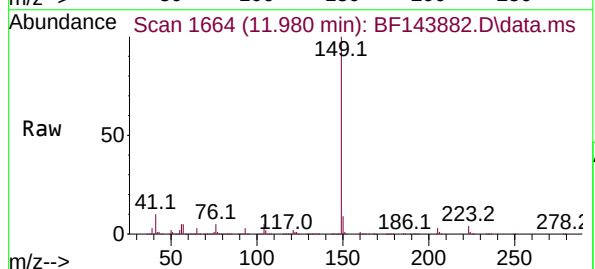
Manual Integrations  
APPROVED

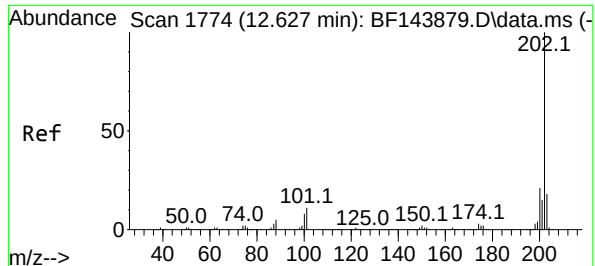
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#74  
Di-n-butylphthalate  
Concen: 66.034 ng  
RT: 11.980 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

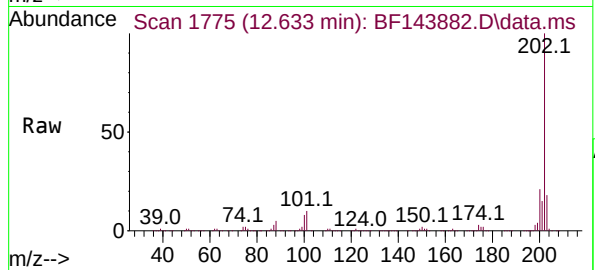
Tgt Ion:149 Resp: 1793855  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.2  
104 4.5 3.4 5.2





#75  
Fluoranthene  
Concen: 63.059 ng  
RT: 12.633 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

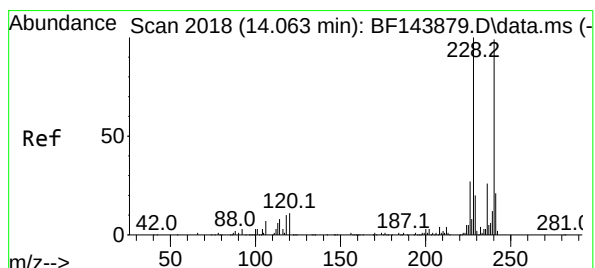
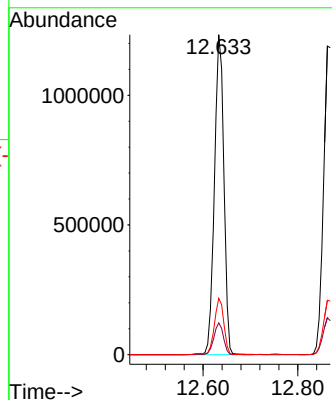
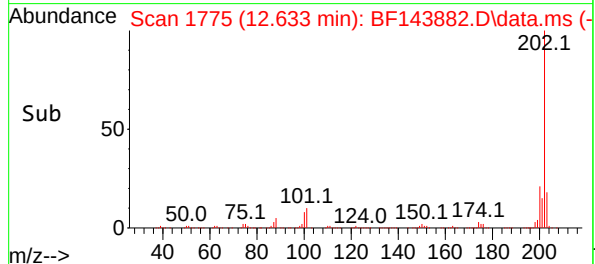
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:202 Resp: 1706368  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.7  
203 17.6 0.0 37.8

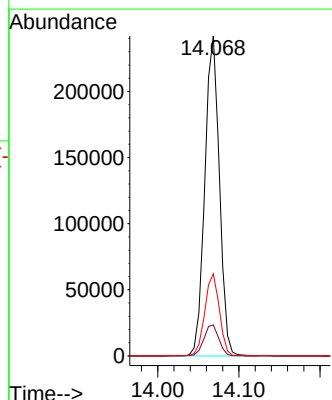
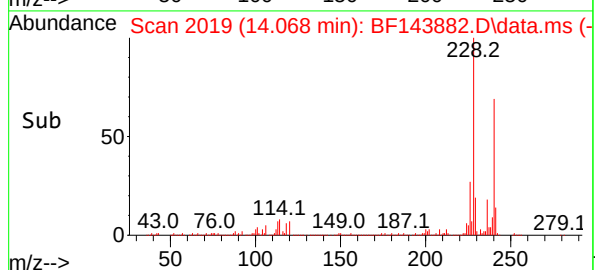
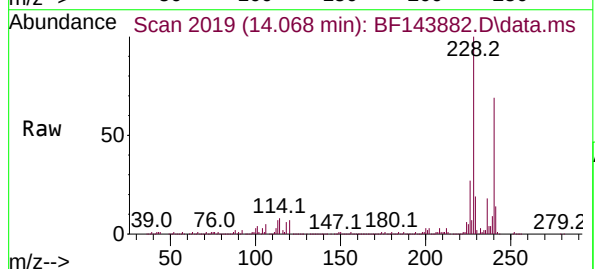
Manual Integrations  
APPROVED

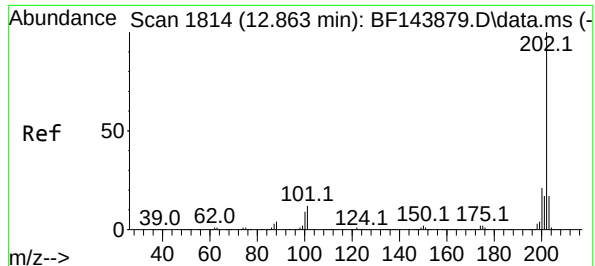
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

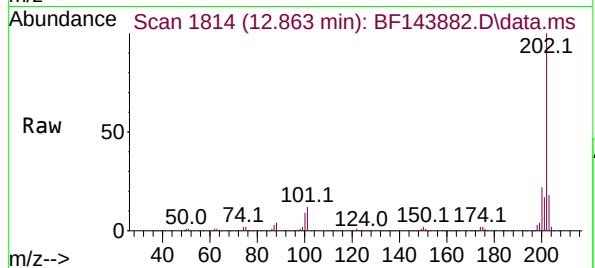
Tgt Ion:240 Resp: 302500  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.6 13.0  
236 25.6 21.1 31.7





#78  
Pyrene  
Concen: 68.126 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

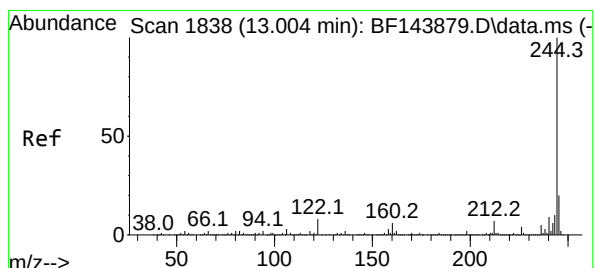
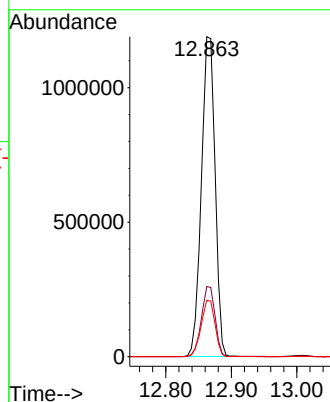
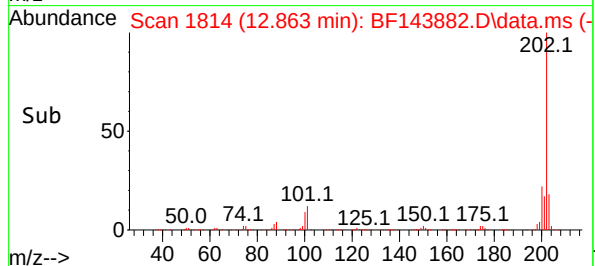
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



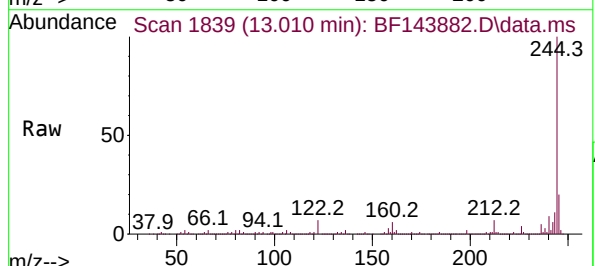
Tgt Ion:202 Resp: 1718085  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.0 25.6  
203 17.6 13.8 20.6

Manual Integrations  
APPROVED

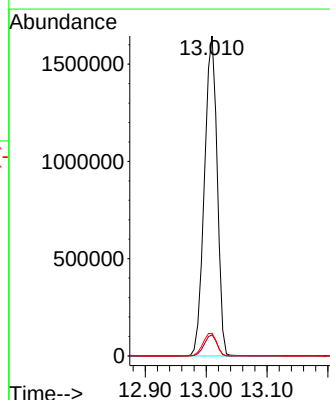
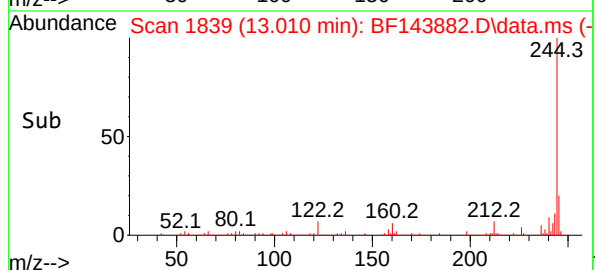
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

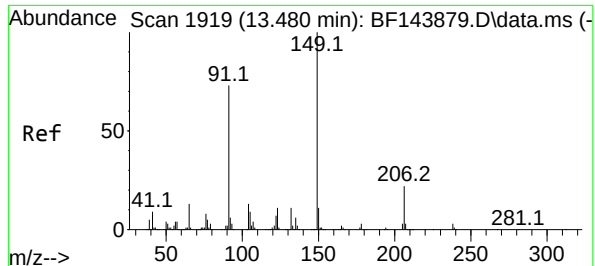


#79  
Terphenyl-d14  
Concen: 134.604 ng  
RT: 13.010 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:244 Resp: 2382437  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.4 8.0  
122 7.1 6.4 9.6





#80

Butylbenzylphthalate

Concen: 77.349 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 633516

Ion Ratio Lower Upper

149 100

91 75.9 58.2 87.2

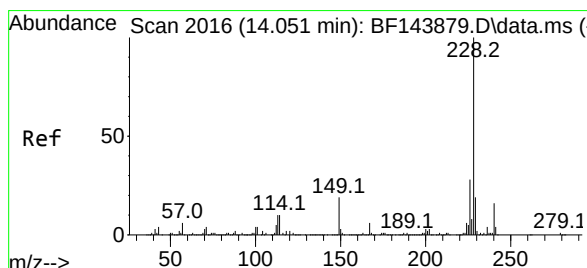
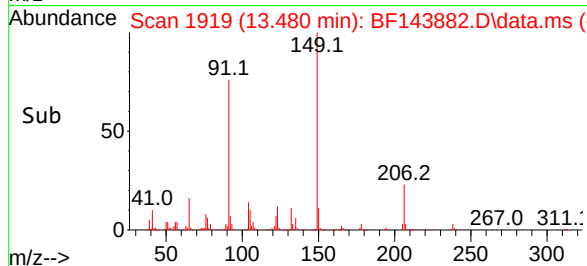
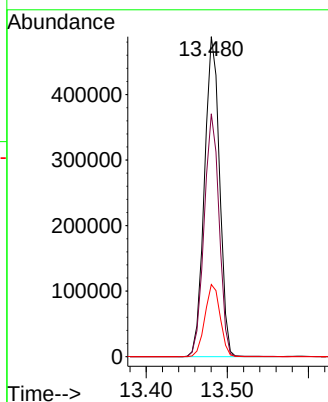
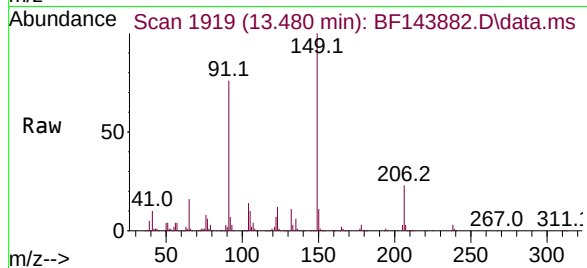
206 22.5 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#81

Benzo(a)anthracene

Concen: 73.238 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

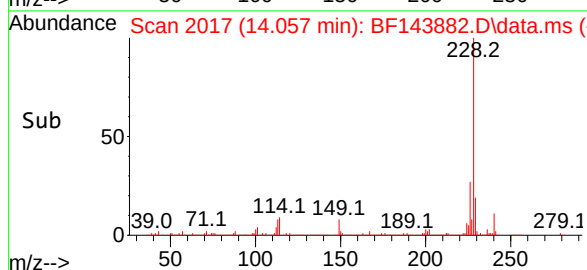
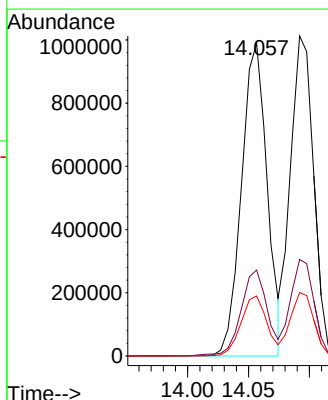
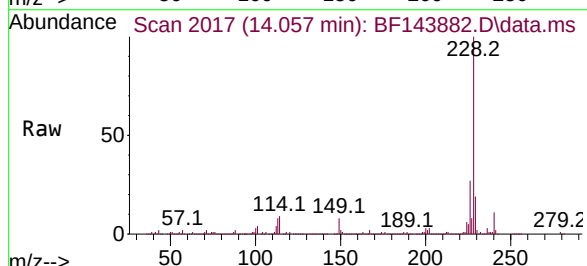
Tgt Ion:228 Resp: 1449801

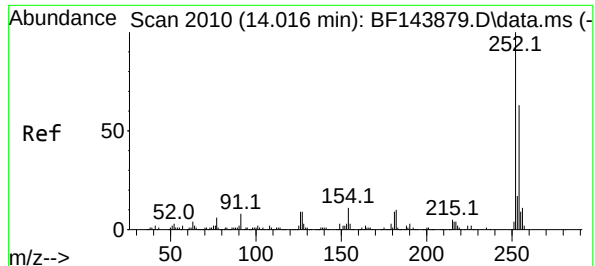
Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

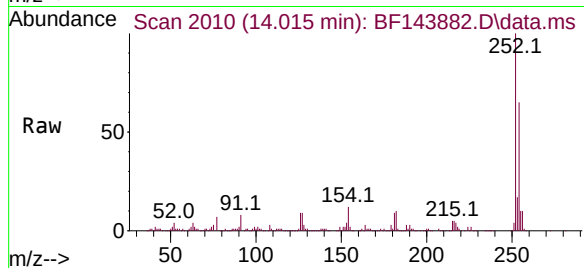
229 19.2 15.6 23.4





#82  
3,3'-Dichlorobenzidine  
Concen: 76.476 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

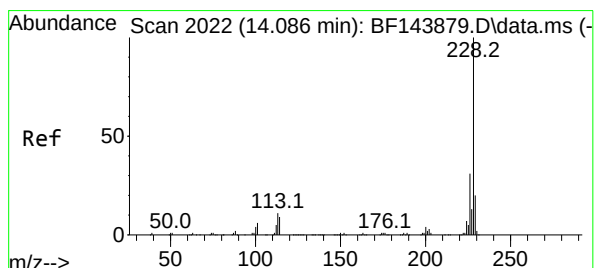
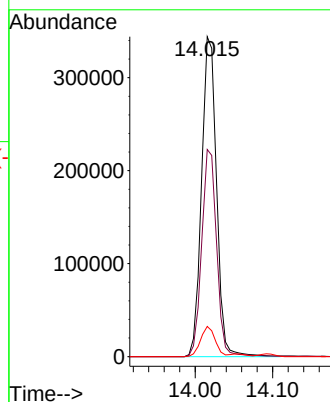
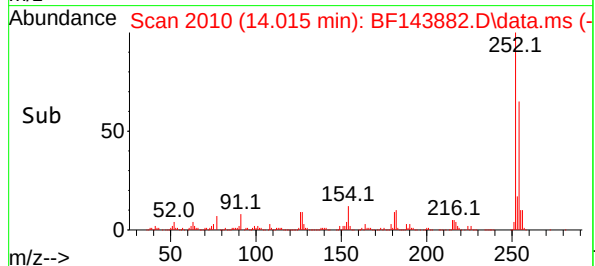
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



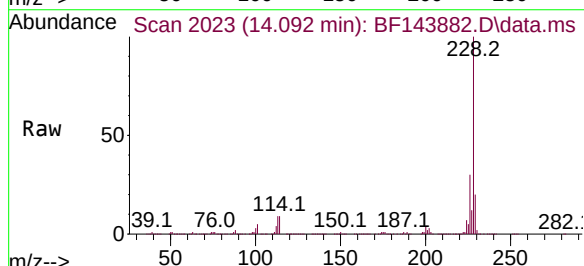
Tgt Ion:252 Resp: 461359  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.6 76.0  
126 9.4 7.0 10.6

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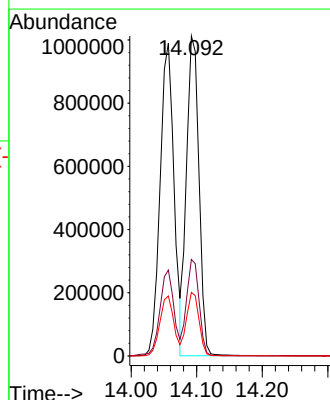
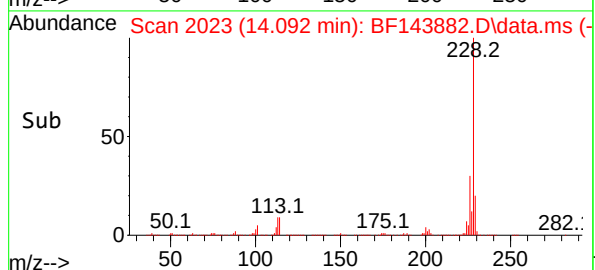
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

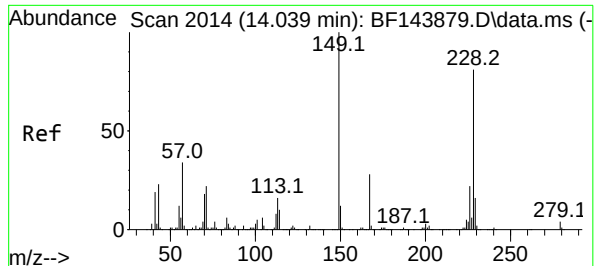


#83  
Chrysene  
Concen: 73.645 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



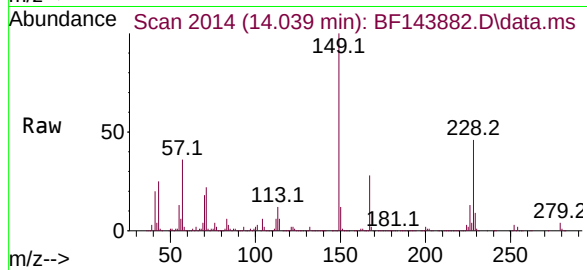
Tgt Ion:228 Resp: 1349286  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.4 36.6  
229 19.8 15.9 23.9





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 75.897 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

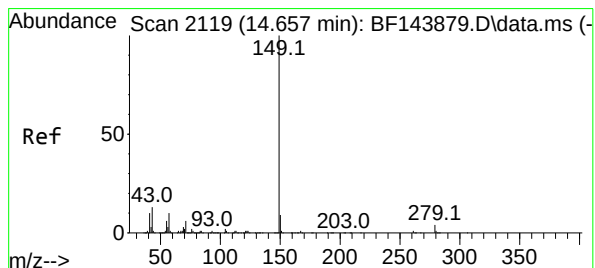
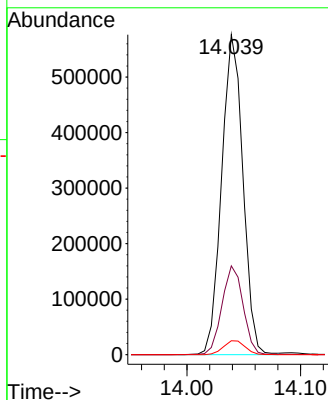
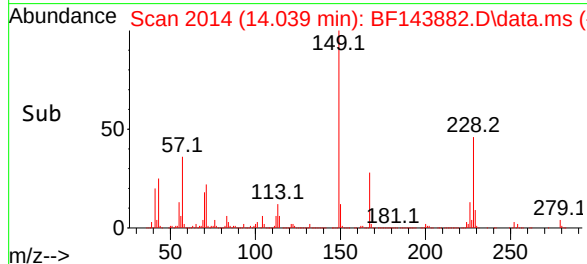
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 749327  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.2 33.4  
279 4.3 3.1 4.7

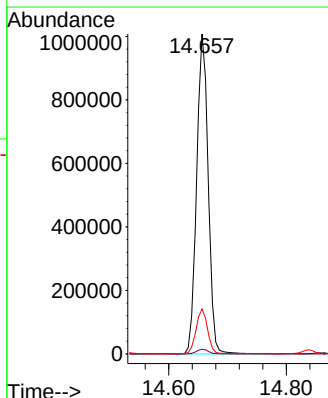
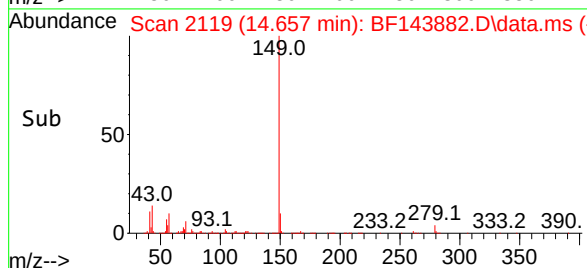
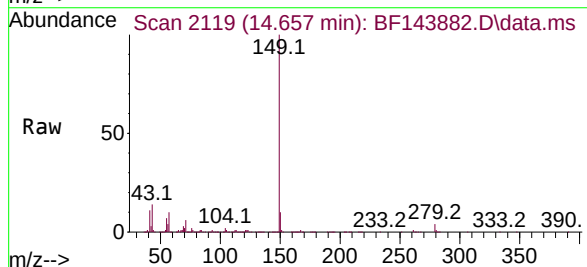
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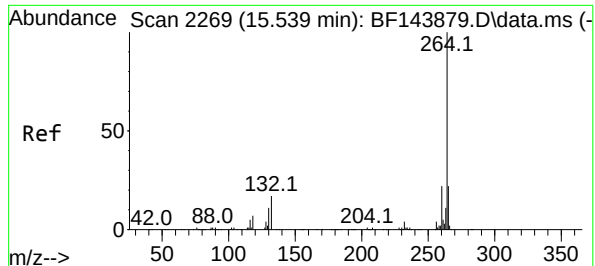
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#85  
Di-n-octyl phthalate  
Concen: 84.532 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 1370760  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 14.1 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:264 Resp: 35791

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

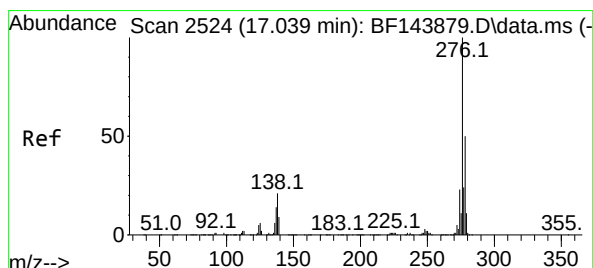
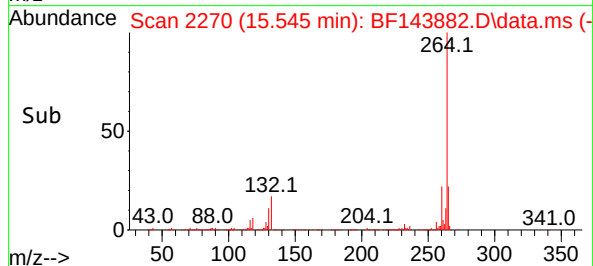
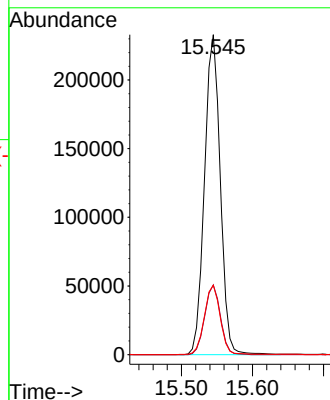
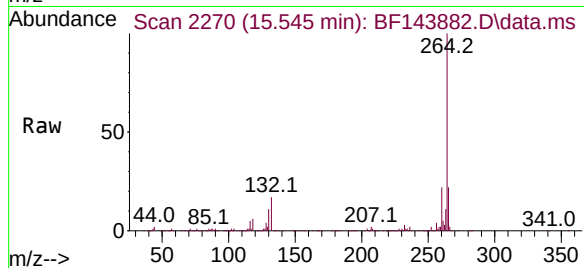
265 21.7 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 81.478 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

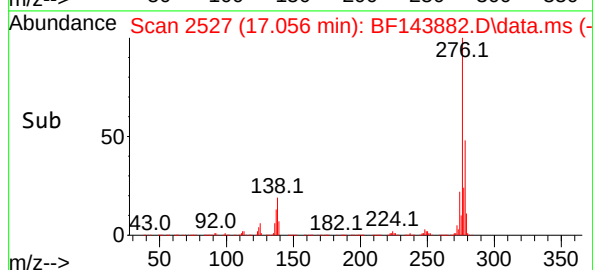
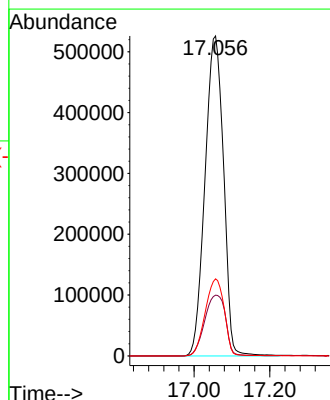
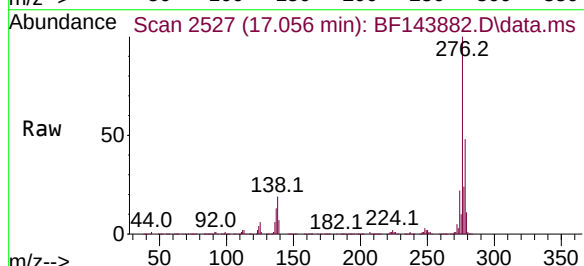
Tgt Ion:276 Resp: 1786876

Ion Ratio Lower Upper

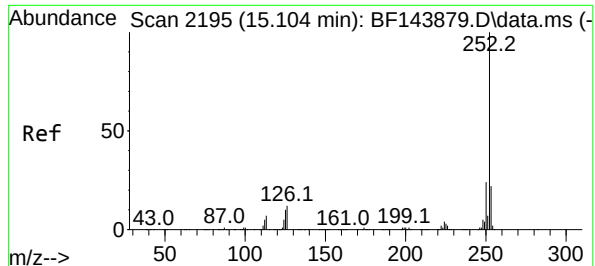
276 100

138 21.5 18.2 27.2

277 24.7 19.8 29.6







#88

Benzo(b)fluoranthene

Concen: 69.645 ng

RT: 15.115 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1431875

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

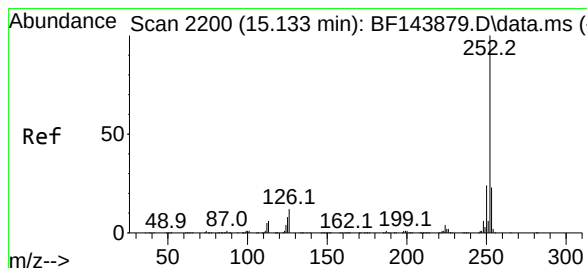
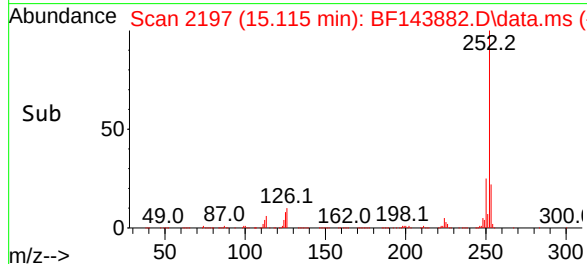
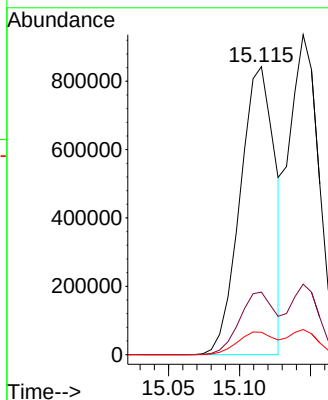
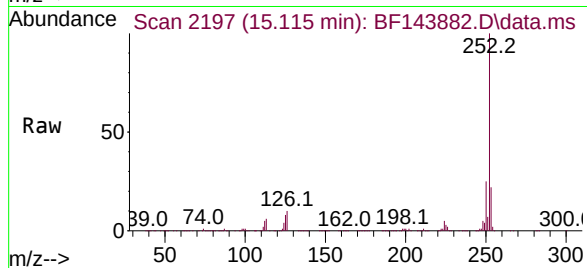
125 7.8 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#89

Benzo(k)fluoranthene

Concen: 71.595 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

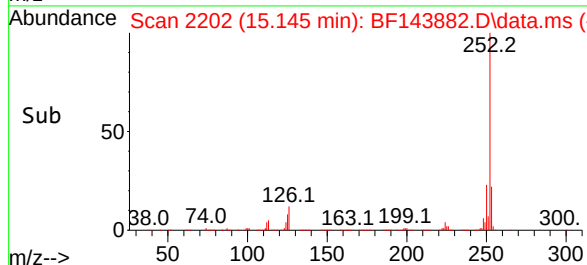
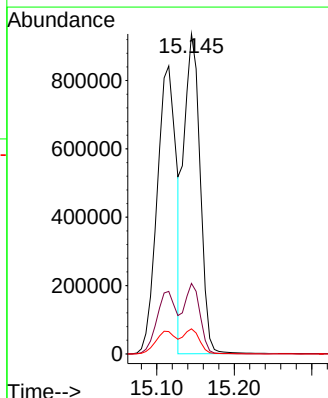
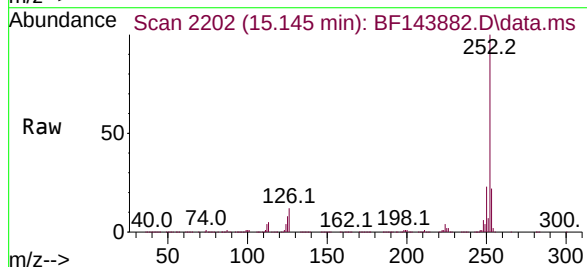
Tgt Ion:252 Resp: 1362026

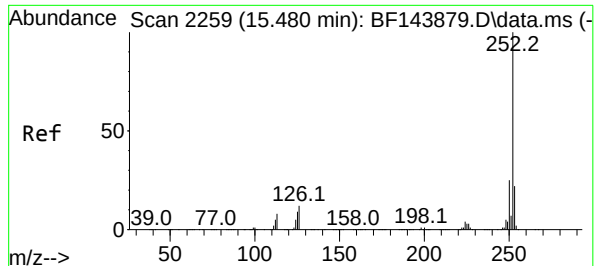
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

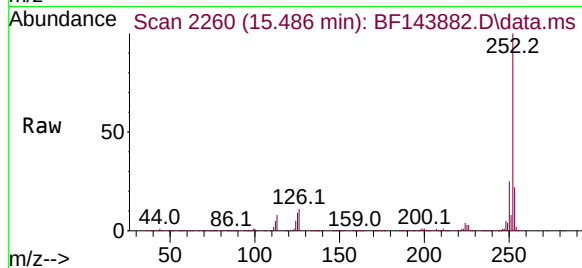
125 7.8 7.4 11.2





#90  
Benzo(a)pyrene  
Concen: 74.151 ng  
RT: 15.486 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

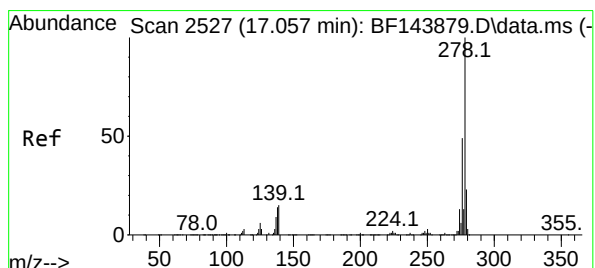
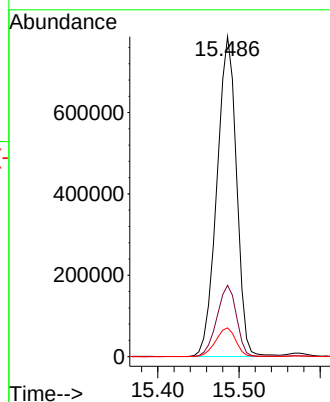
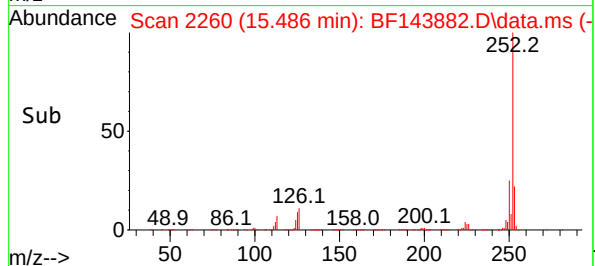
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:252 Resp: 1321893  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 9.0 7.0 10.4

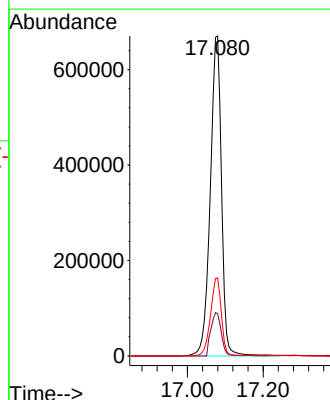
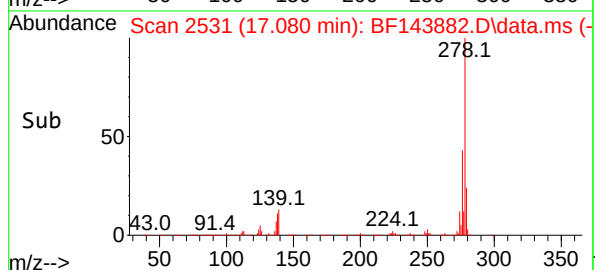
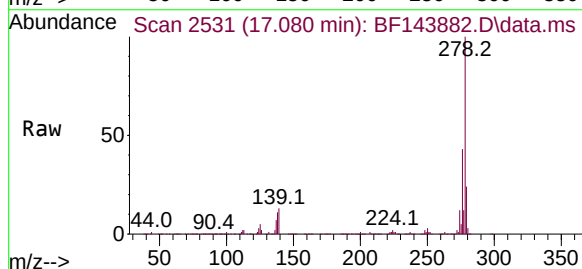
Manual Integrations  
APPROVED

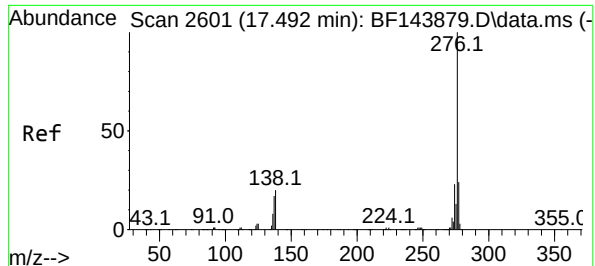
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#91  
Dibenzo(a,h)anthracene  
Concen: 78.895 ng  
RT: 17.080 min Scan# 2531  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:278 Resp: 1391562  
Ion Ratio Lower Upper  
278 100  
139 13.2 11.7 17.5  
279 24.3 18.4 27.6





#92

Benzo(g,h,i)perylene

Concen: 82.305 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143882.D

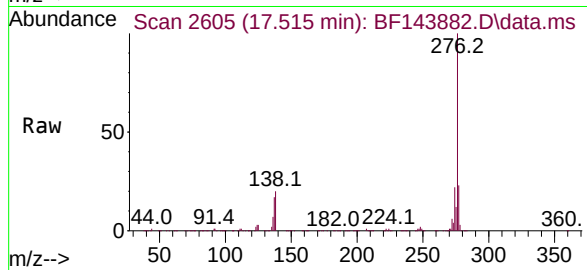
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 145172

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

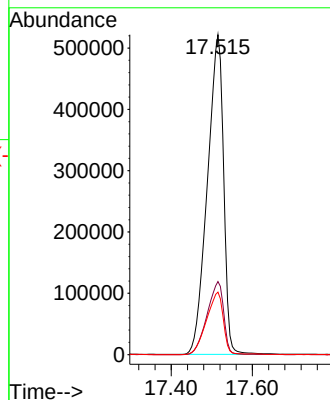
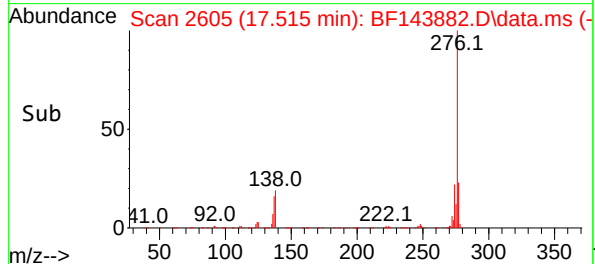
138 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

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

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 114039   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 448972   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 247780   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 431562   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 259802   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 249446   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 537941   | 74.908 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 637597   | 74.487 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 549291   | 74.330 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 176914   | 71.685 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1055942  | 67.621 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1131636  | 74.443 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.652  | 88   | 123809   | 37.256 | ng    | 99       |
| 3) Pyridine                   | 3.410  | 79   | 341125   | 35.261 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 195710   | 38.456 | ng    | 97       |
| 6) Aniline                    | 6.545  | 93   | 486607   | 37.937 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 267562   | 38.116 | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 245247   | 37.141 | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 383770m  | 37.501 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 289024   | 36.561 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 317865   | 37.828 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 318221   | 38.392 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 314832   | 39.655 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 249958   | 38.974 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 676009   | 37.568 | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 222497   | 38.352 | ng    | 96       |
| 18) Hexachloroethane          | 7.398  | 117  | 104363   | 37.755 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 214516   | 36.612 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 268144   | 39.880 | ng    | 94       |
| 22) Acetophenone              | 7.292  | 105  | 358014   | 37.713 | ng    | 96       |
| 24) Nitrobenzene              | 7.463  | 77   | 309611   | 37.727 | ng    | 100      |
| 25) Isophorone                | 7.704  | 82   | 550779   | 35.347 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 136223   | 38.717 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 258524   | 40.847 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 360632   | 36.639 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 243265   | 36.899 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 243161   | 37.503 | ng    | 98       |
| 31) Naphthalene               | 8.186  | 128  | 749110   | 36.679 | ng    | 99       |
| 32) Benzoic acid              | 7.904  | 122  | 154019   | 35.162 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 321328   | 41.950 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 158600   | 35.201 | ng    | 95       |
| 35) Caprolactam               | 8.598  | 113  | 79102    | 37.736 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 228481   | 36.079 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 452442   | 33.257 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 465414   | 35.269 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 254223   | 37.122 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 139168   | 48.984 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 183769   | 36.726 | ng    | 98       |

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 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Manual Integrations  
 APPROVED

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

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

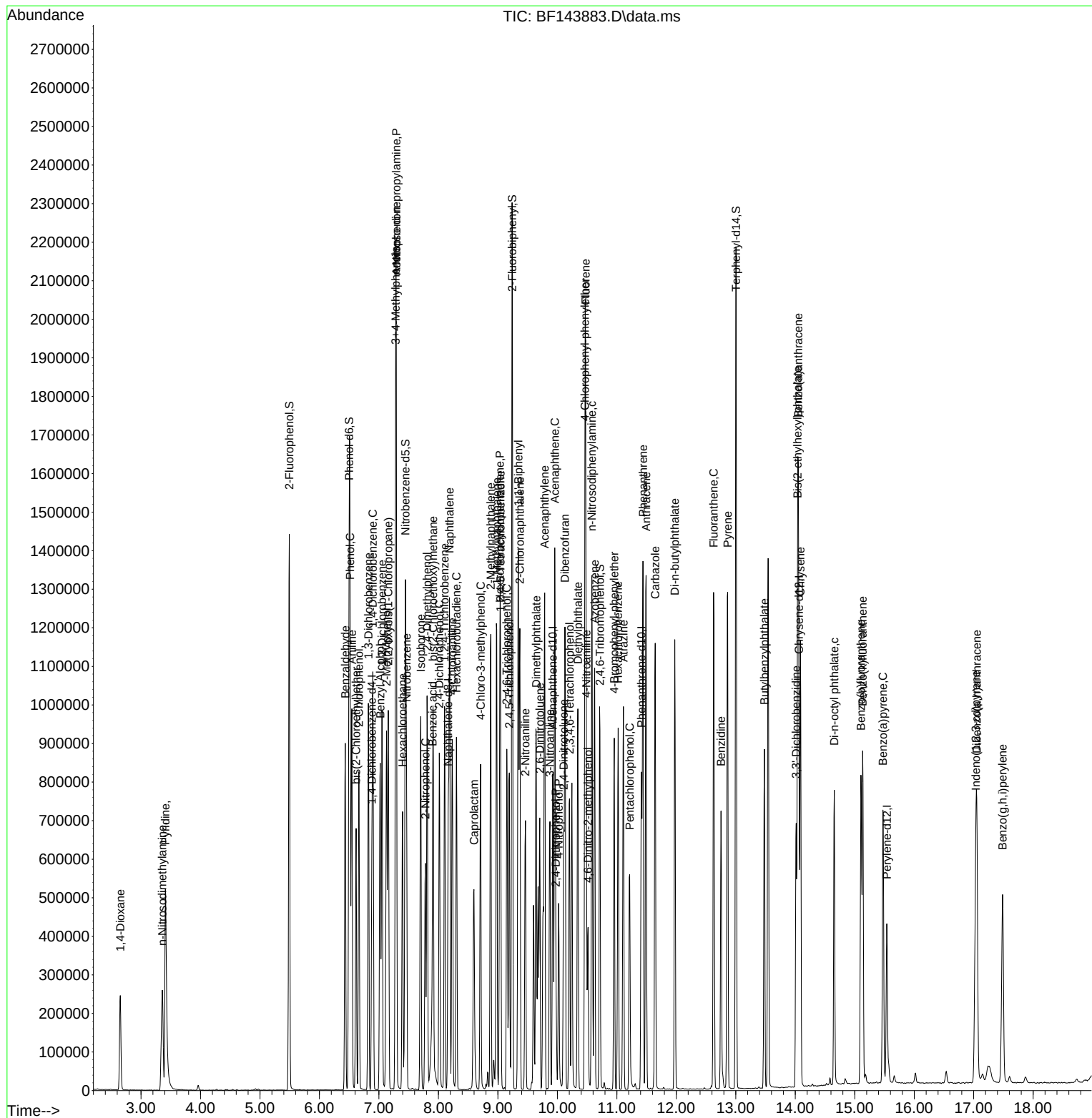
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 186099   | 35.194 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 603213   | 36.770 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 498615   | 36.454 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 168191   | 38.894 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 785697   | 40.859 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 565953   | 35.968 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 122449   | 41.967 | ng    | 99       |
| 52) Acenaphthene              | 9.957  | 154  | 452513   | 35.913 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 144668   | 40.493 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 52796    | 33.731 | ng    | # 42     |
| 55) Dibenzofuran              | 10.127 | 168  | 653073   | 36.717 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 99684    | 36.850 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 163440   | 41.169 | ng    | 99       |
| 58) Fluorene                  | 10.475 | 166  | 476811   | 35.527 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 144064   | 38.488 | ng    | 93       |
| 60) Diethylphthalate          | 10.345 | 149  | 533574   | 36.501 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 256247   | 36.113 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 127369   | 37.074 | ng    | 99       |
| 63) Azobenzene                | 10.627 | 77   | 562787   | 36.837 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 80422    | 37.083 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 496618   | 36.649 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 162033   | 33.973 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 190028   | 34.415 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 160244   | 39.016 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 104958   | 33.097 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 743609   | 35.542 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 766674   | 36.273 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 678522   | 36.246 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 806451   | 37.171 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 778418   | 36.019 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 409653   | 45.411 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 789075   | 36.431 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 274237   | 38.986 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 614473   | 36.142 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 221480   | 42.747 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 594668   | 37.792 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 326966   | 38.560 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 502989   | 36.116 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 563492   | 36.867 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 537814   | 37.533 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 467396   | 35.252 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 470896   | 37.900 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 454776   | 36.995 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 456833   | 37.162 | ng    | 98       |

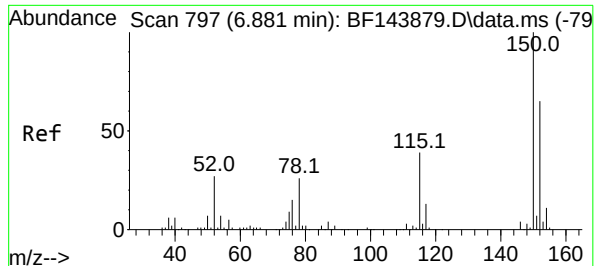
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
ICVBF100625

## Manual Integrations

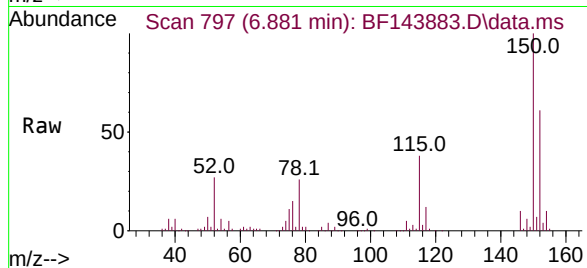
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jaagrut Upadhyay 10/07/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

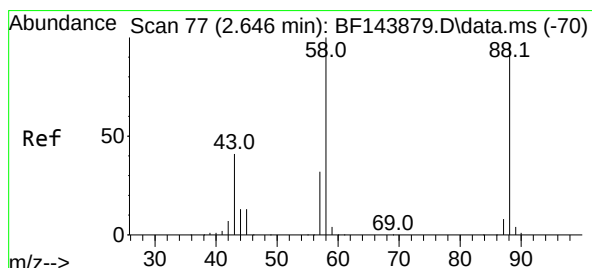
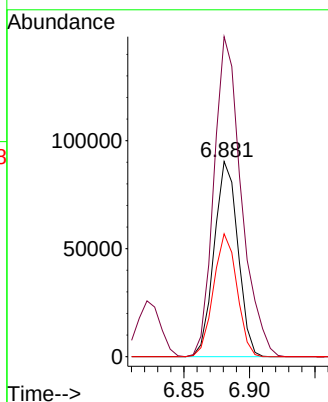
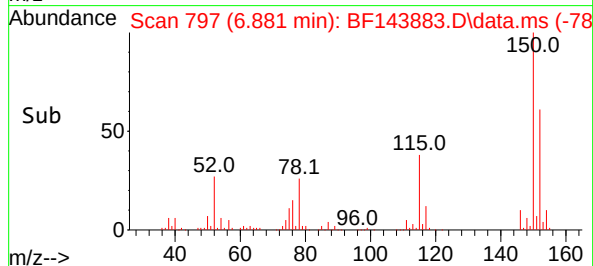
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:152 Resp: 114039  
Ion Ratio Lower Upper  
152 100  
150 164.0 124.4 186.6  
115 62.9 48.1 72.1

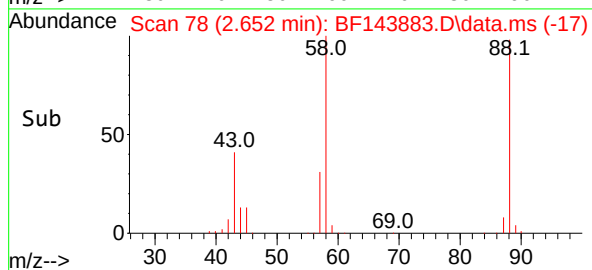
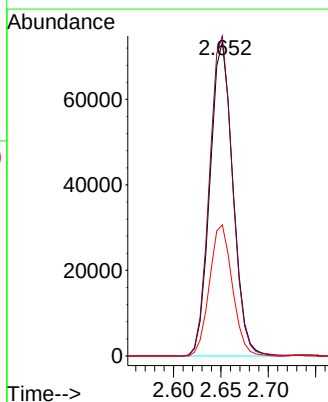
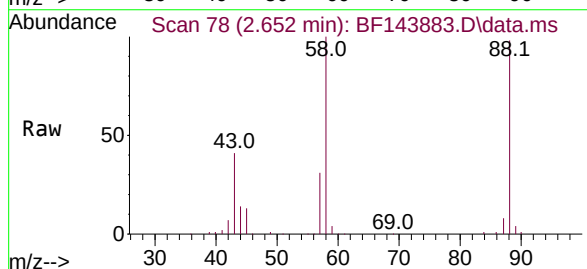
Manual Integrations  
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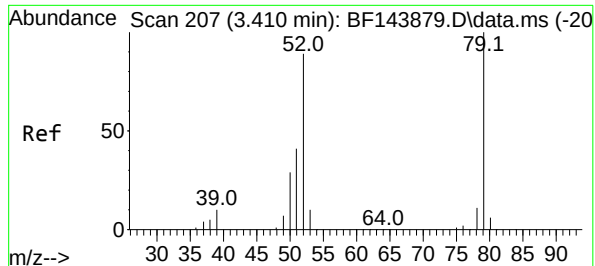
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 37.256 ng  
RT: 2.652 min Scan# 78  
Delta R.T. 0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion: 88 Resp: 123809  
Ion Ratio Lower Upper  
88 100  
58 102.6 83.0 124.6  
43 41.5 33.9 50.9





#3

Pyridine

Concen: 35.261 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

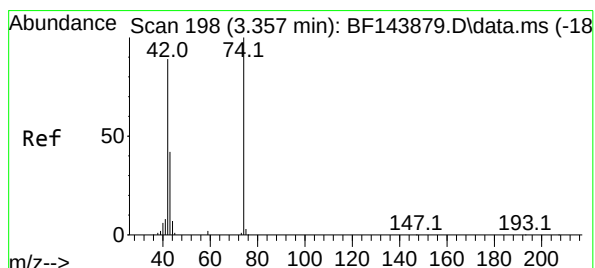
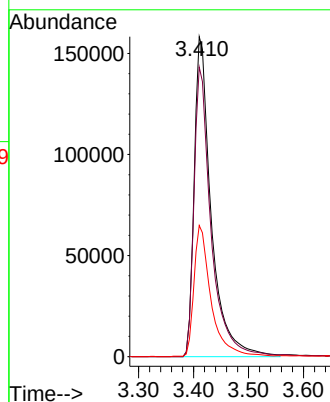
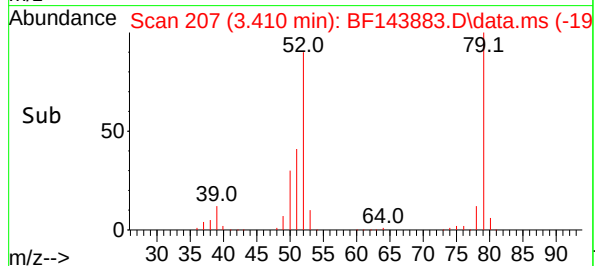
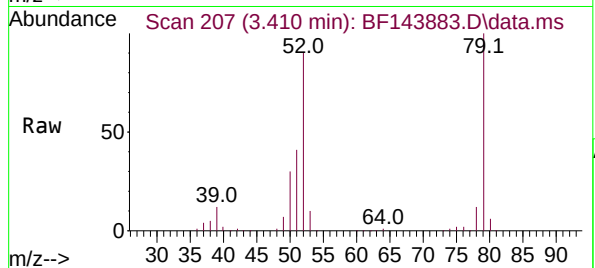
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 341125 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 90.5  | 71.5  | 107.3  |
| 51       | 41.0  | 32.9  | 49.3   |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 38.456 ng

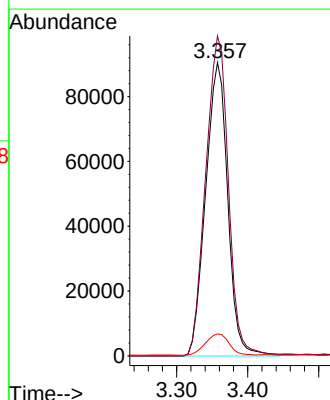
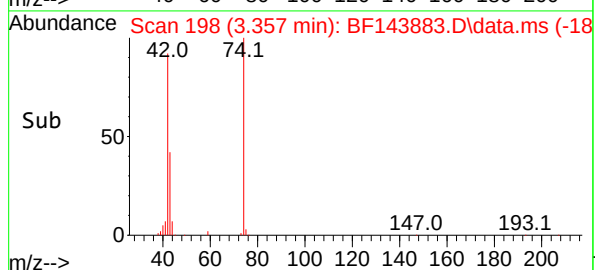
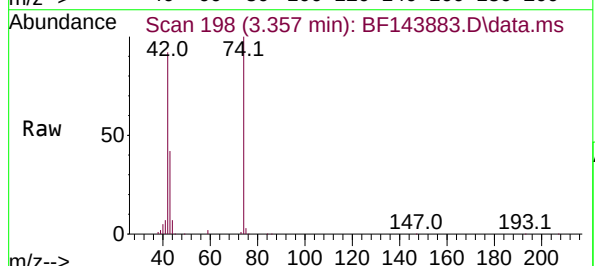
RT: 3.357 min Scan# 198

Delta R.T. -0.029 min

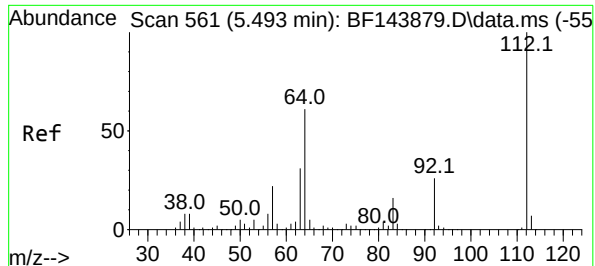
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 195710 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 109.1 | 90.0  | 135.0  |
| 44       | 7.5   | 6.2   | 9.2    |

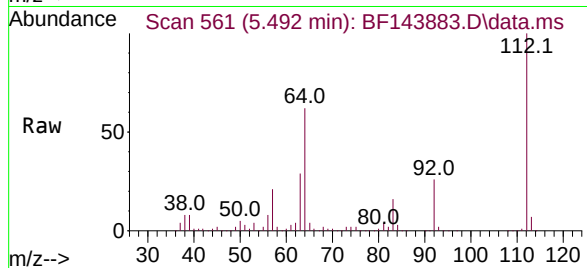






#5  
2-Fluorophenol  
Concen: 74.908 ng  
RT: 5.492 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

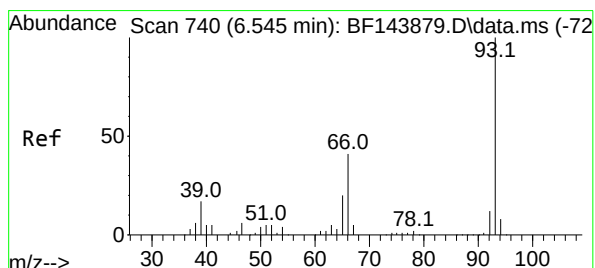
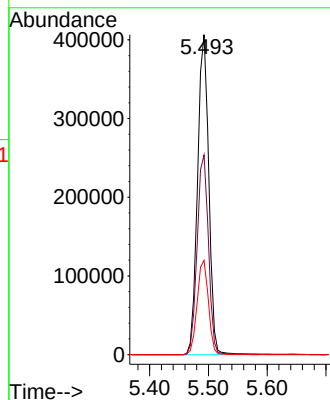
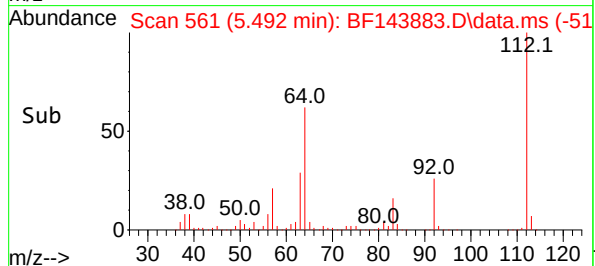
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:112 Resp: 53794  
Ion Ratio Lower Upper  
112 100  
64 62.4 49.1 73.7  
63 29.4 24.5 36.7

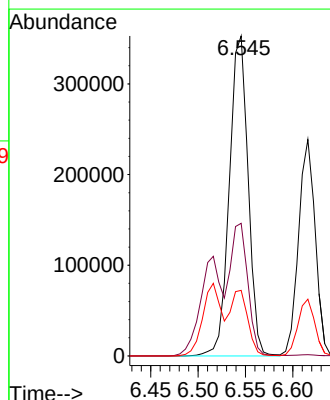
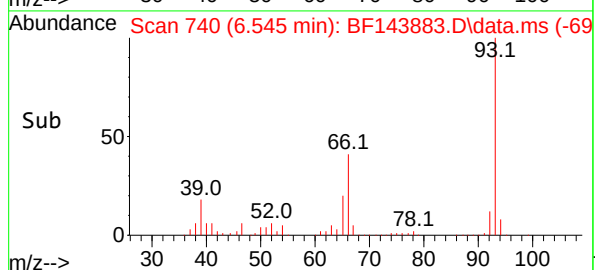
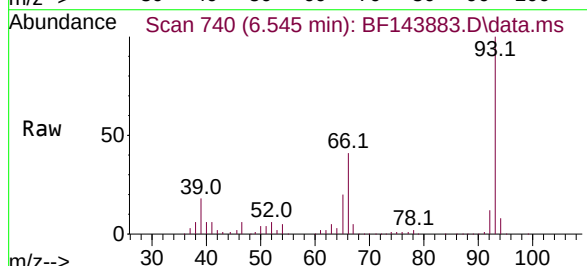
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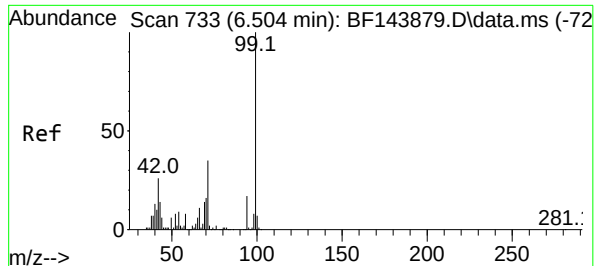
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#6  
Aniline  
Concen: 37.937 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

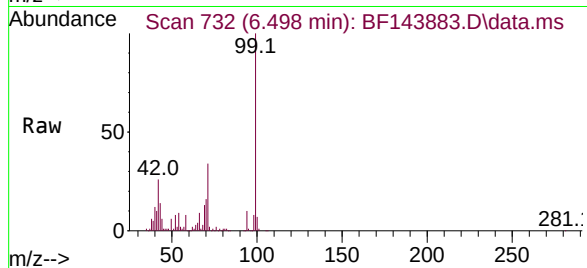
Tgt Ion: 93 Resp: 486607  
Ion Ratio Lower Upper  
93 100  
66 41.4 33.0 49.6  
65 20.5 15.8 23.8





#7  
Phenol-d6  
Concen: 74.487 ng  
RT: 6.498 min Scan# 733  
Delta R.T. -0.018 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

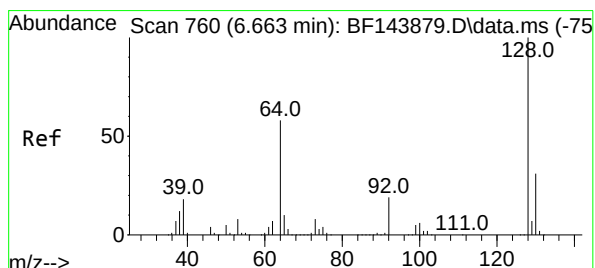
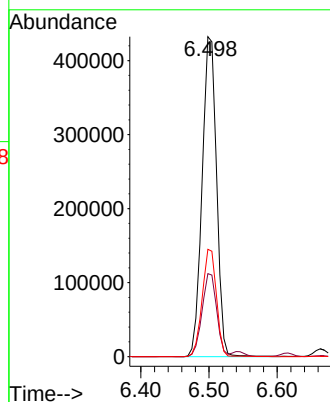
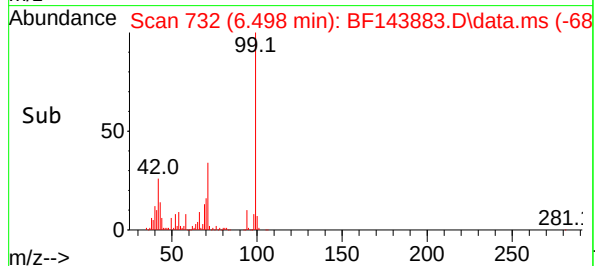
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 99 Resp: 637592  
Ion Ratio Lower Upper  
99 100  
42 25.9 21.0 31.4  
71 33.5 27.8 41.8

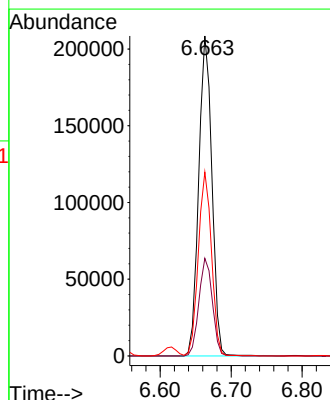
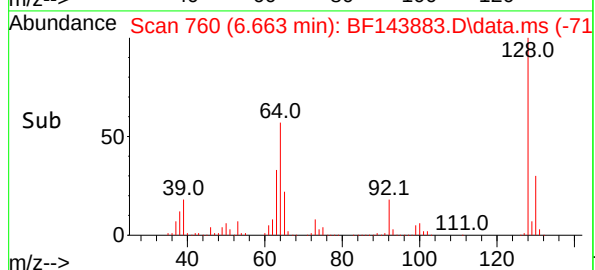
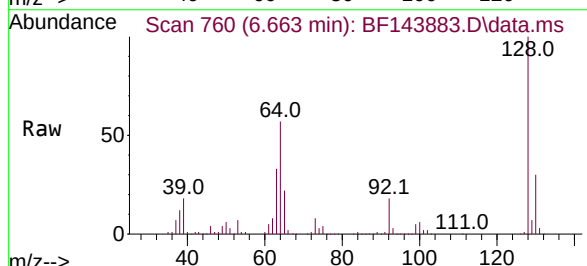
Manual Integrations  
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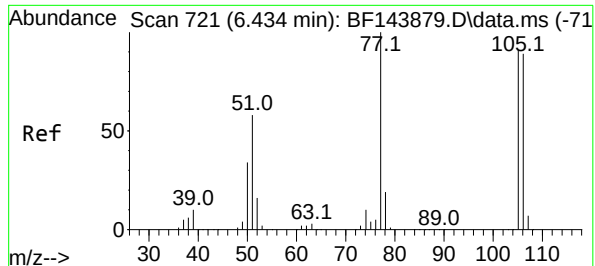
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#8  
2-Chlorophenol  
Concen: 38.116 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:128 Resp: 267562  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.7 50.7  
64 57.4 39.0 79.0





#9

Benzaldehyde

Concen: 37.141 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion: 77 Resp: 24524

Ion Ratio Lower Upper

77 100

105 92.0 70.9 110.9

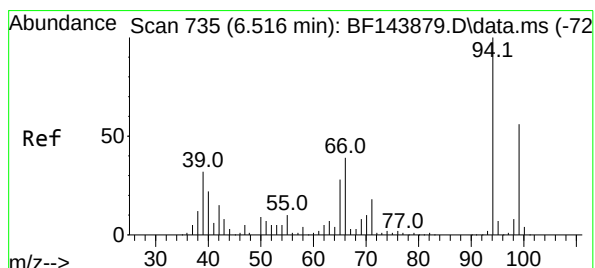
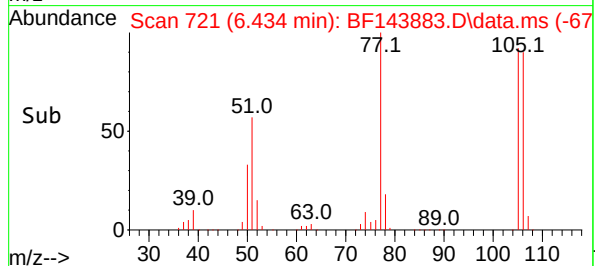
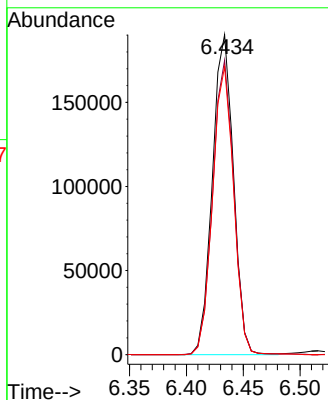
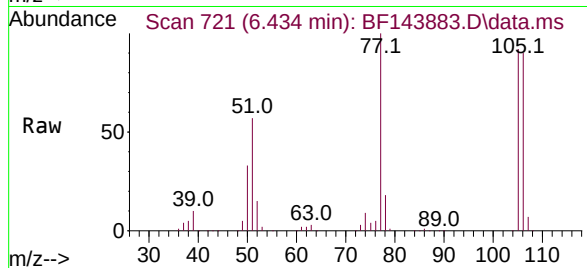
106 90.0 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 37.501 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

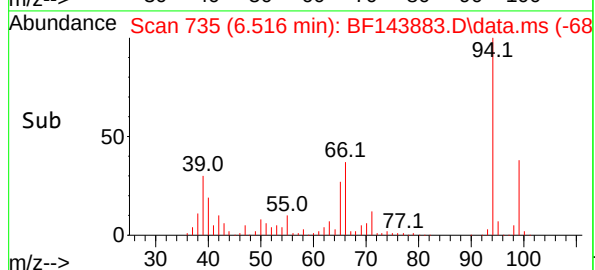
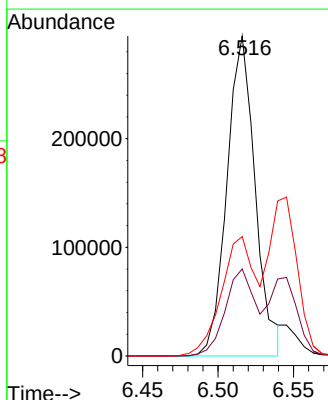
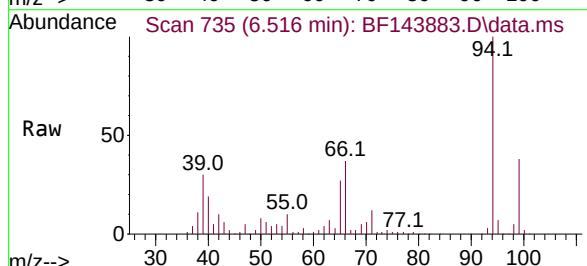
Tgt Ion: 94 Resp: 383770

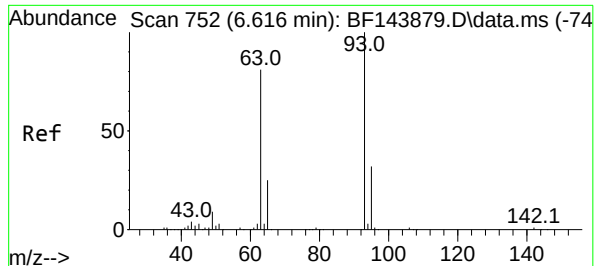
Ion Ratio Lower Upper

94 100

65 27.2 8.5 48.5

66 37.3 19.9 59.9





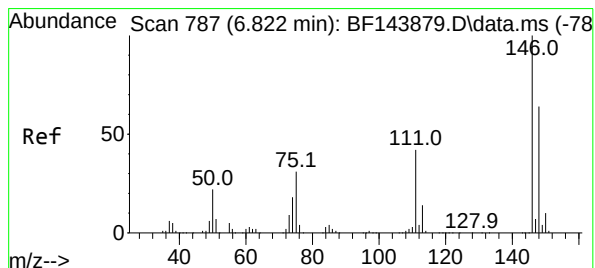
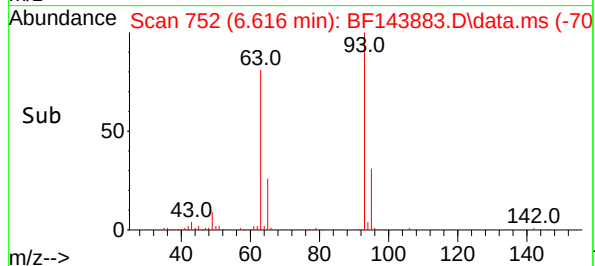
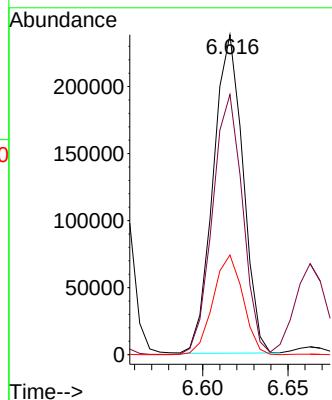
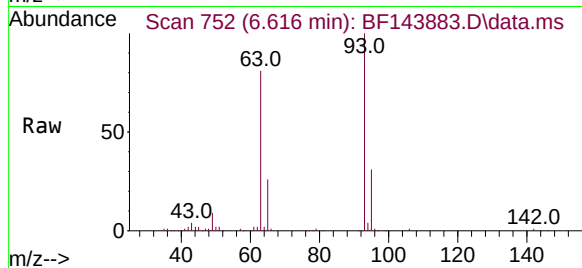
#11  
bis(2-Chloroethyl)ether  
Concen: 36.561 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion: 93 Resp: 289024  
Ion Ratio Lower Upper  
93 100  
63 81.3 60.9 100.9  
95 31.1 11.5 51.5

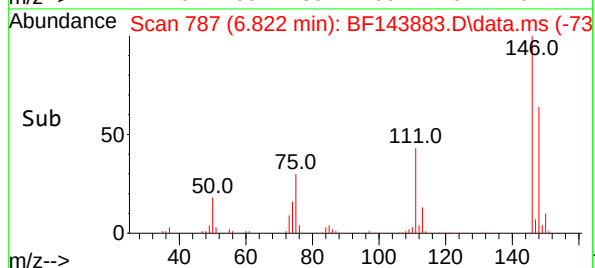
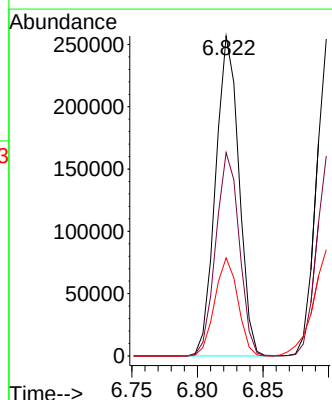
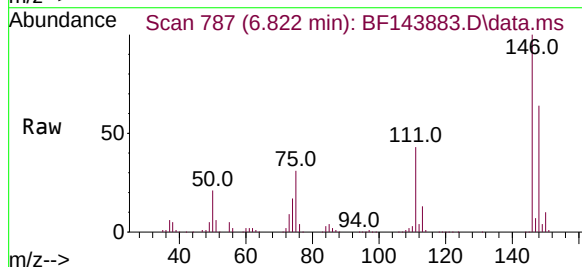
Manual Integrations  
APPROVED

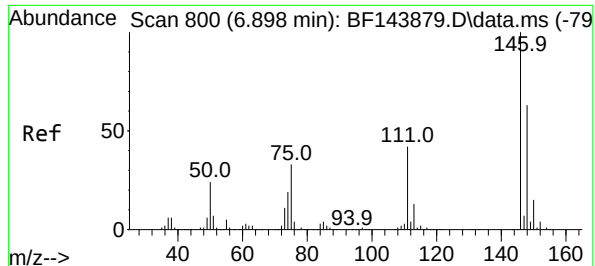
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 37.828 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:146 Resp: 317865  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.0 76.4  
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 38.392 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:146 Resp: 31822

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

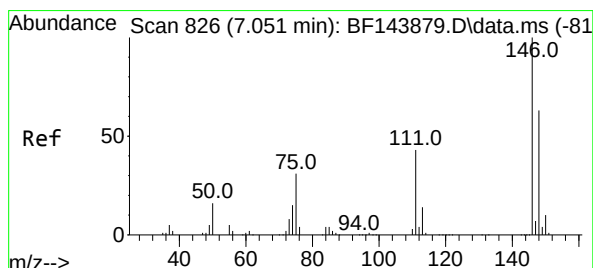
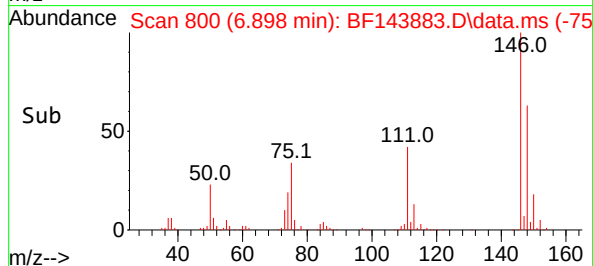
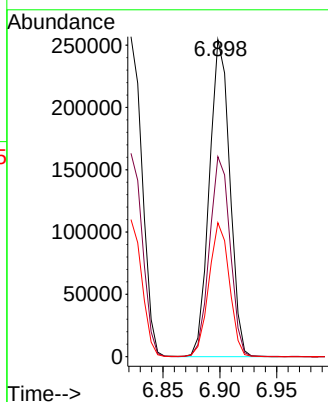
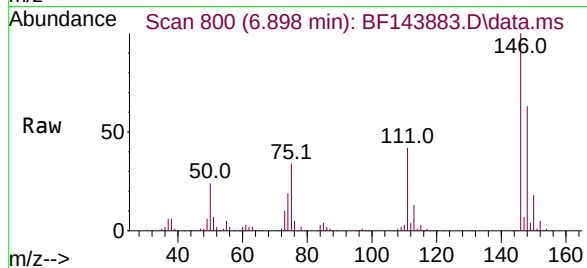
111 42.2 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 39.655 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

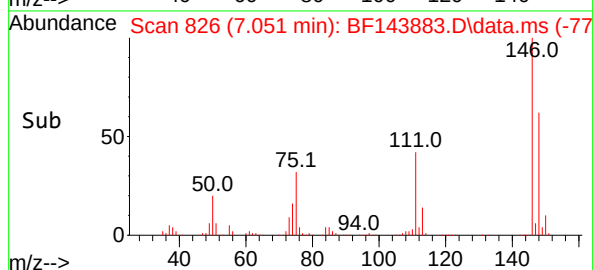
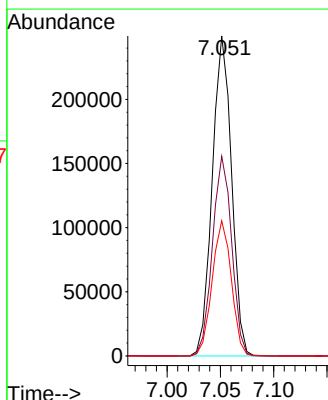
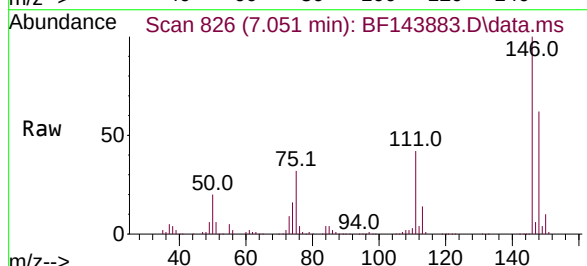
Tgt Ion:146 Resp: 314832

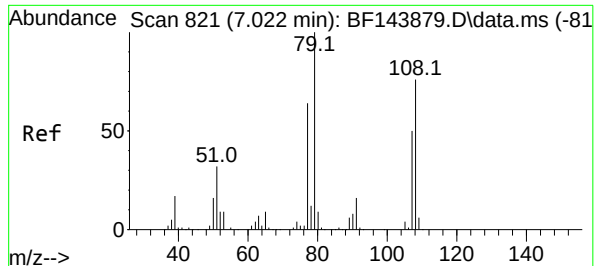
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

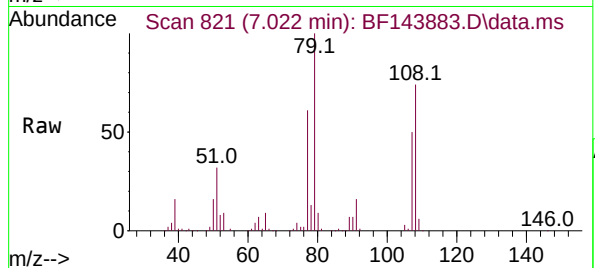
111 42.2 34.6 51.8





#15  
Benzyl Alcohol  
Concen: 38.974 ng  
RT: 7.022 min Scan# 821  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

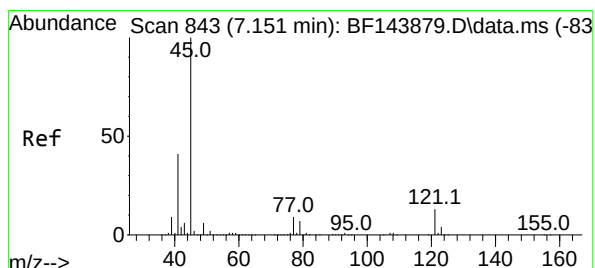
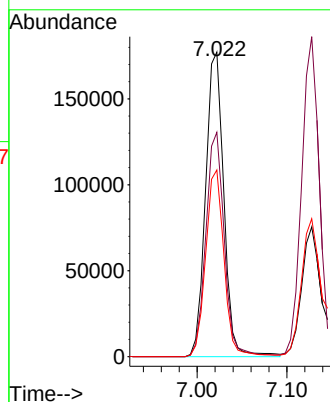
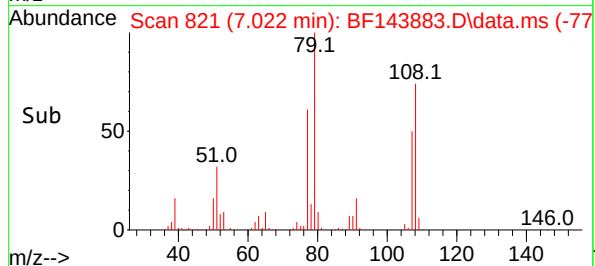
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 79 Resp: 249958  
Ion Ratio Lower Upper  
79 100  
108 73.6 60.8 91.2  
77 61.3 51.0 76.6

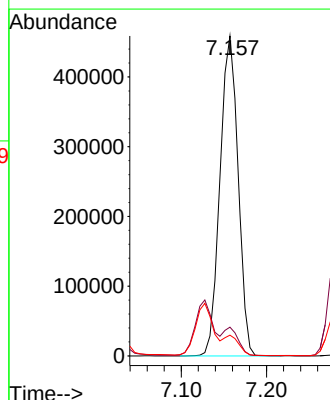
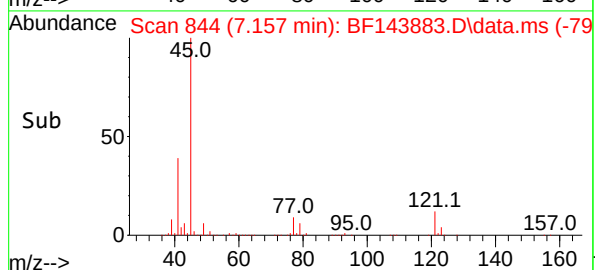
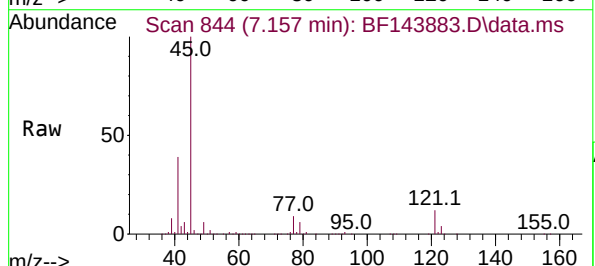
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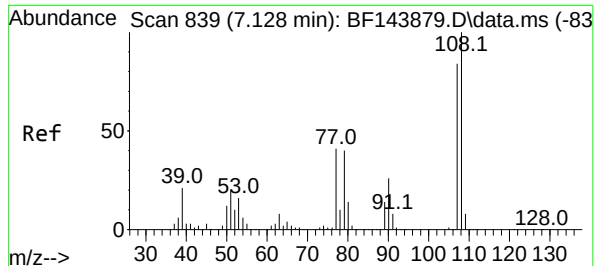
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.568 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

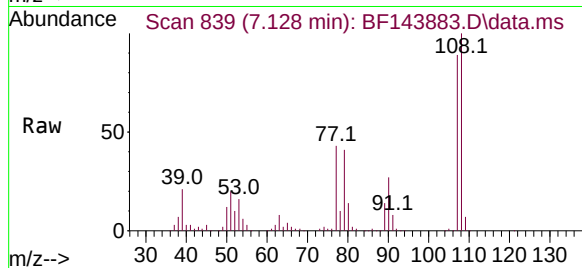
Tgt Ion: 45 Resp: 676009  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.0  
79 6.5 0.0 26.8





#17  
2-Methylphenol  
Concen: 38.352 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

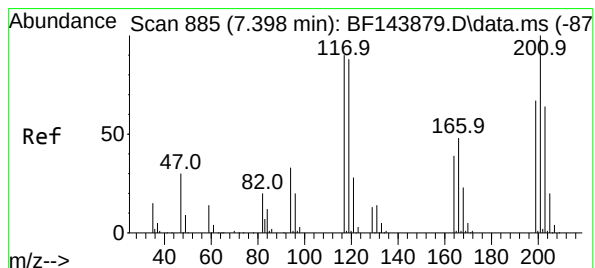
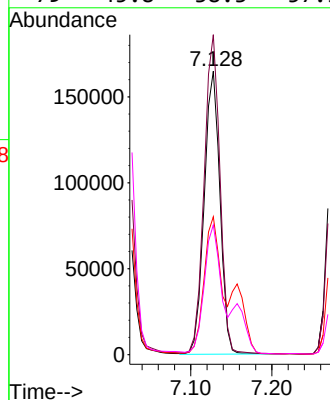
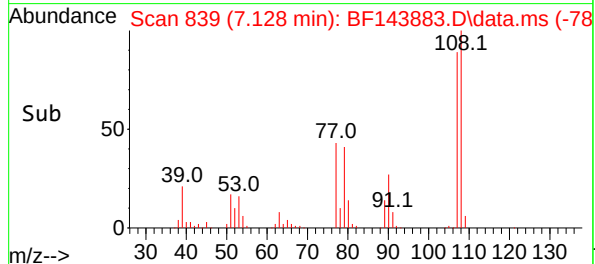
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



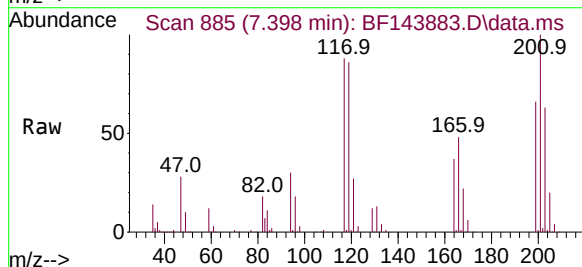
Tgt Ion:107 Resp: 222497  
Ion Ratio Lower Upper  
107 100  
108 112.9 94.7 142.1  
77 48.7 38.8 58.2  
79 45.8 38.3 57.5

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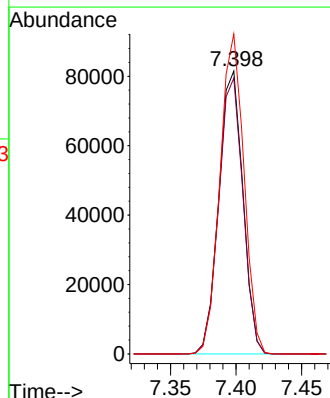
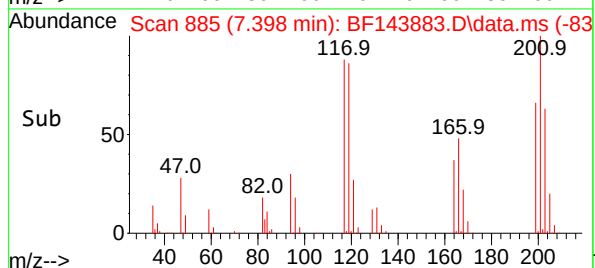
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

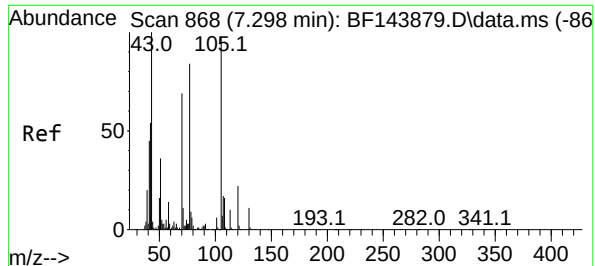


#18  
Hexachloroethane  
Concen: 37.755 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:117 Resp: 104363  
Ion Ratio Lower Upper  
117 100  
119 97.5 77.8 116.8  
201 113.1 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.612 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion: 70 Resp: 214516

Ion Ratio Lower Upper

70 100

42 80.2 62.8 94.2

101 8.3 6.7 10.1

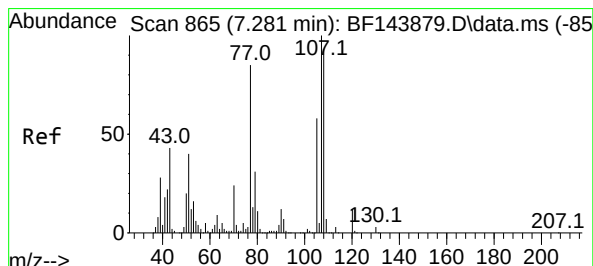
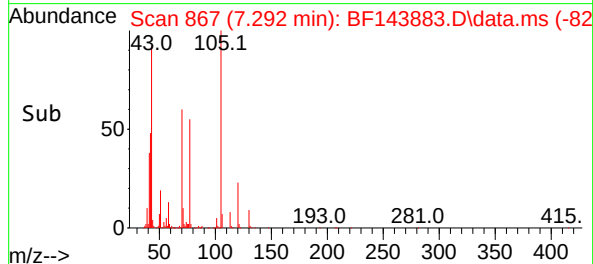
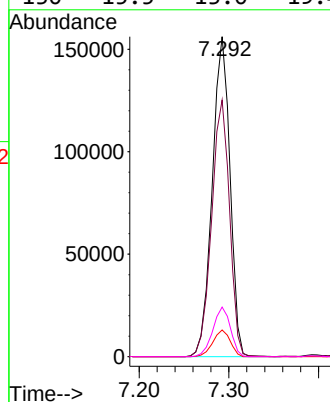
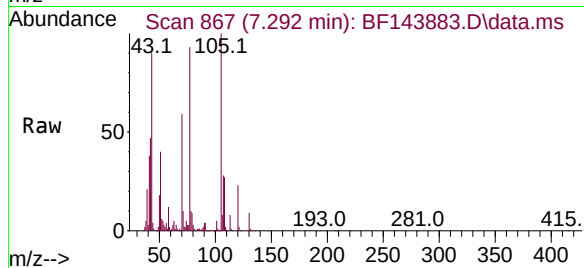
130 15.5 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 39.880 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 268144

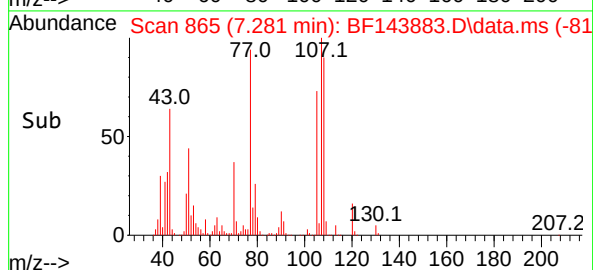
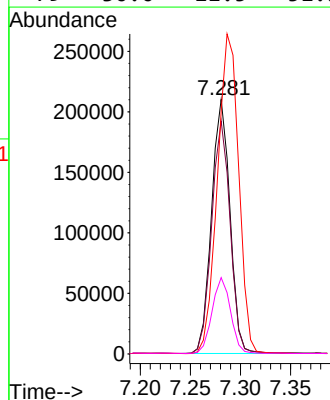
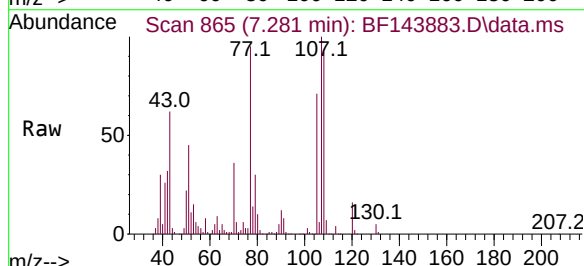
Ion Ratio Lower Upper

107 100

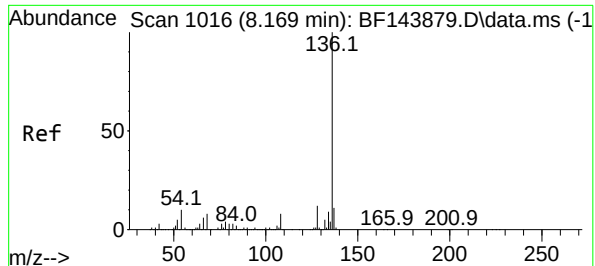
108 91.5 73.0 113.0

77 95.3 64.6 104.6

79 30.0 11.5 51.5

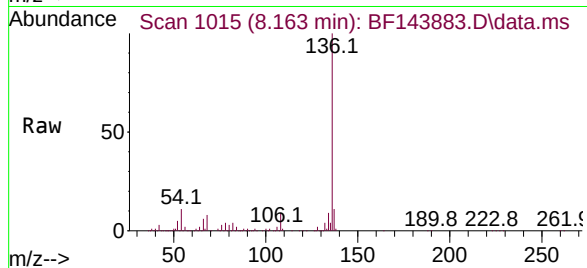






#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

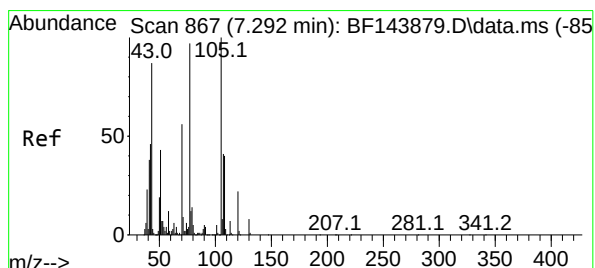
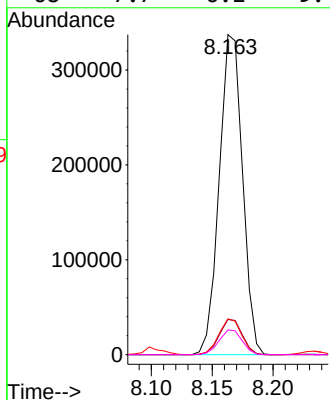
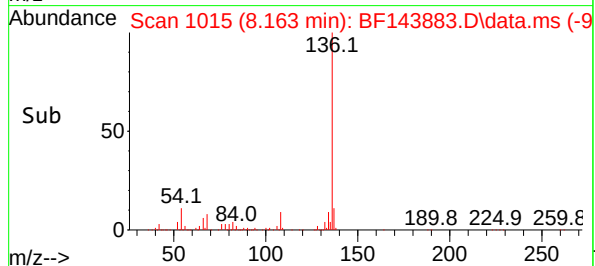
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:136 Resp: 448972  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 11.2 8.2 12.4  
68 7.7 6.2 9.4

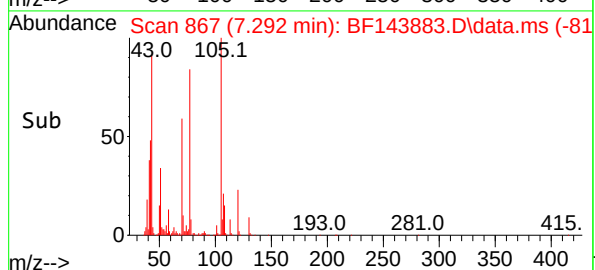
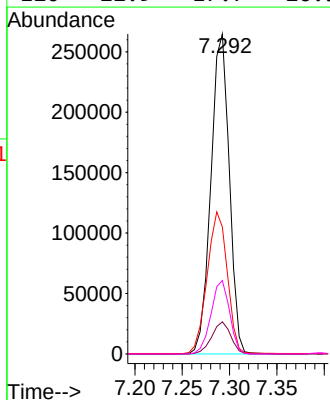
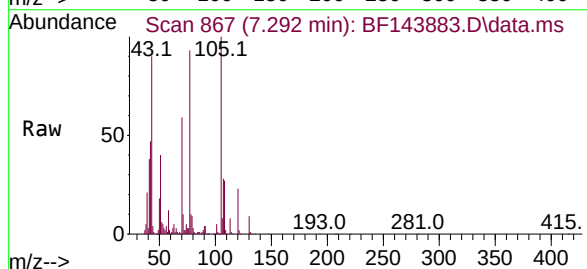
Manual Integrations  
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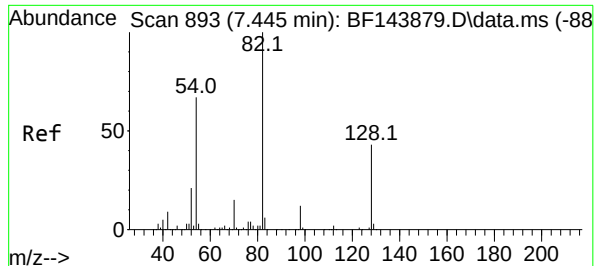
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#22  
Acetophenone  
Concen: 37.713 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:105 Resp: 358014  
Ion Ratio Lower Upper  
105 100  
71 10.0 7.4 11.0  
51 39.7 34.2 51.4  
120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 74.330 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion: 82 Resp: 54929

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

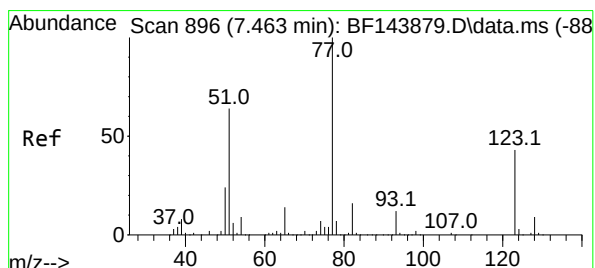
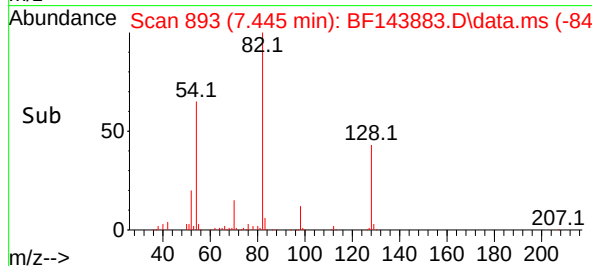
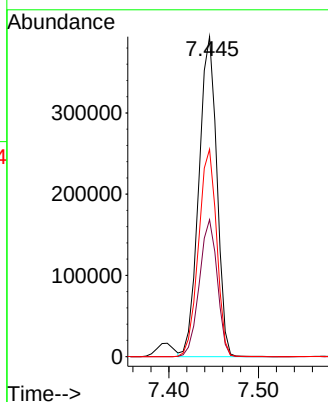
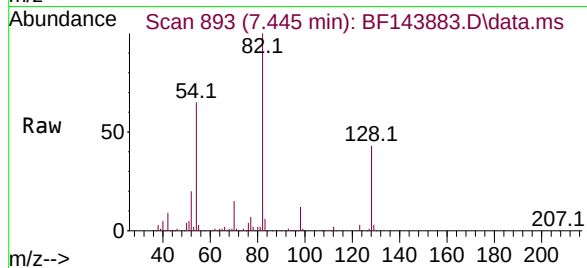
54 64.8 53.2 79.8

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 37.727 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

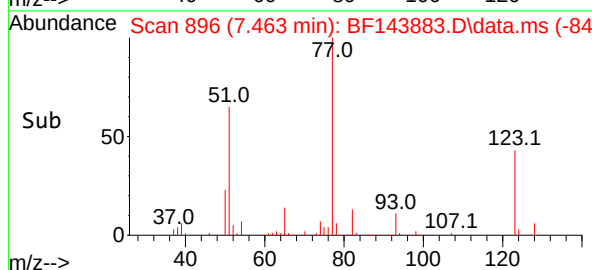
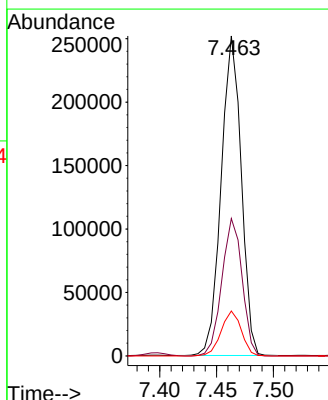
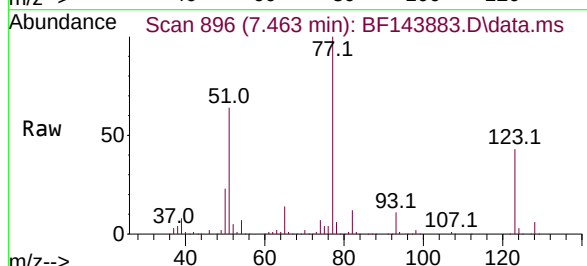
Tgt Ion: 77 Resp: 309611

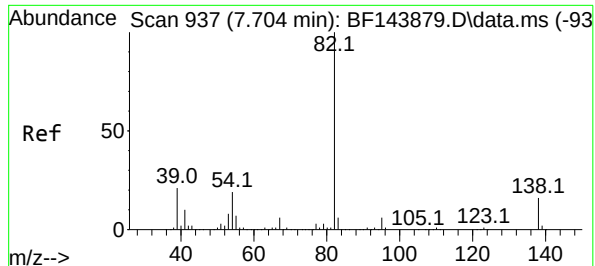
Ion Ratio Lower Upper

77 100

123 42.9 34.2 51.4

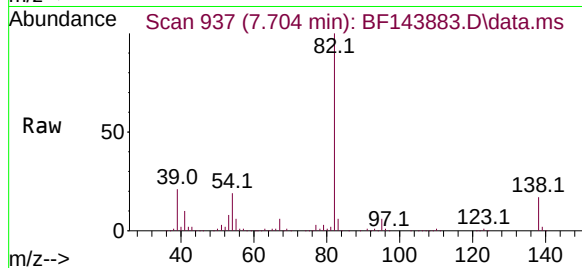
65 14.0 11.0 16.6





#25  
Isophorone  
Concen: 35.347 ng  
RT: 7.704 min Scan# 937  
Delta R.T. -0.018 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

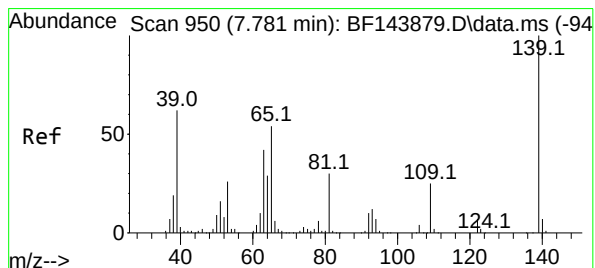
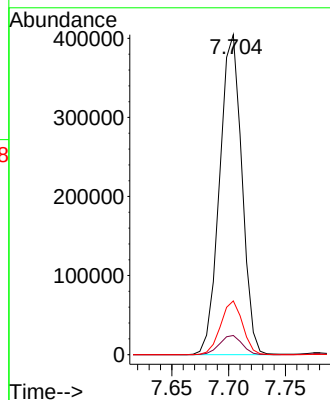
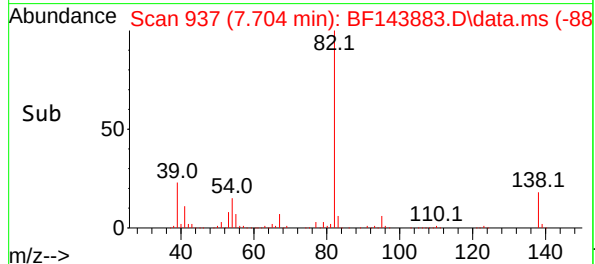
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 82 Resp: 550779  
Ion Ratio Lower Upper  
82 100  
95 6.0 5.1 7.7  
138 16.8 12.9 19.3

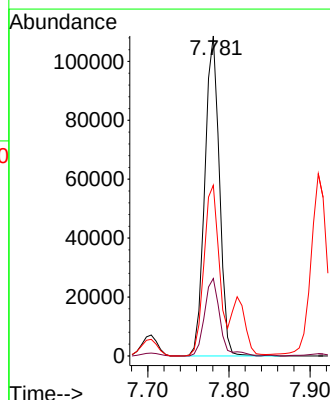
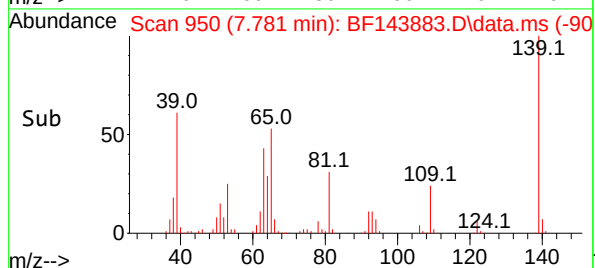
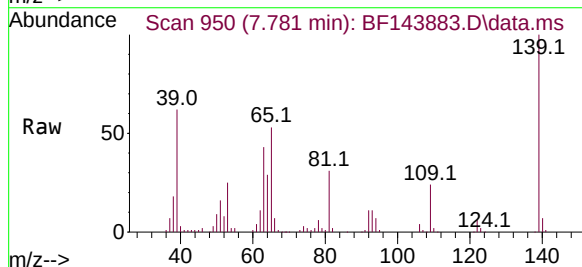
Manual Integrations  
APPROVED

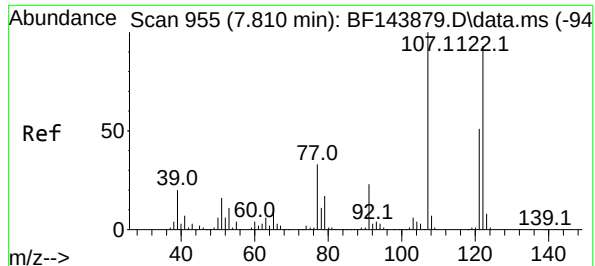
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 38.717 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

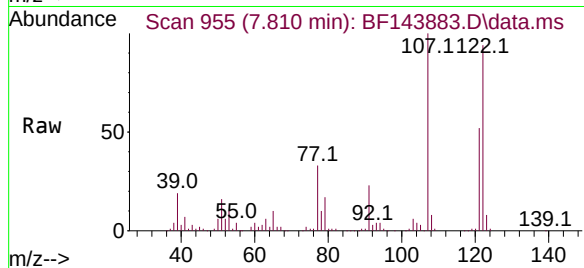
Tgt Ion:139 Resp: 136223  
Ion Ratio Lower Upper  
139 100  
109 24.2 19.8 29.6  
65 53.3 42.9 64.3





#27  
2,4-Dimethylphenol  
Concen: 40.847 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

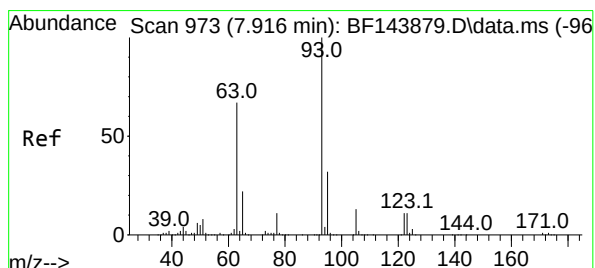
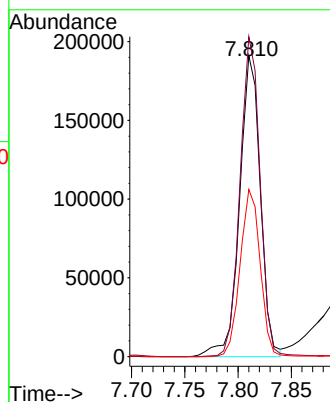
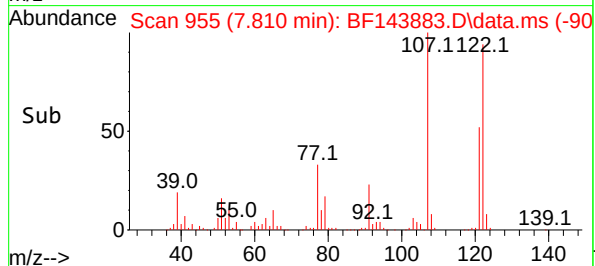
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:122 Resp: 258524  
Ion Ratio Lower Upper  
122 100  
107 106.3 86.1 129.1  
121 55.5 43.8 65.6

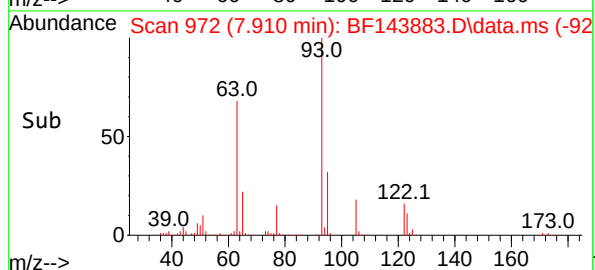
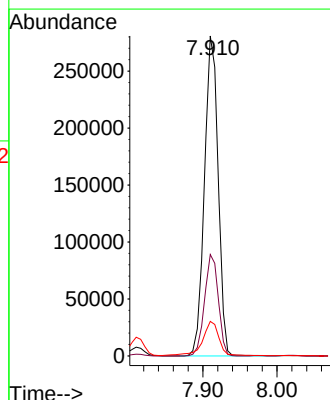
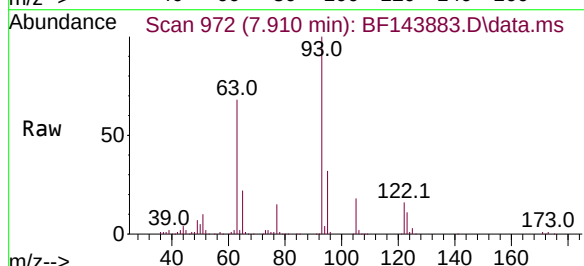
Manual Integrations  
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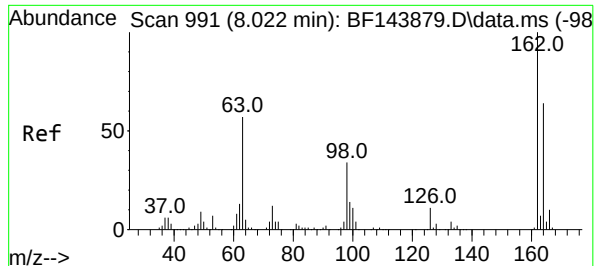
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.639 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 360632  
Ion Ratio Lower Upper  
93 100  
95 31.7 25.9 38.9  
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.899 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:162 Resp: 243265

Ion Ratio Lower Upper

162 100

164 61.1 43.9 83.9

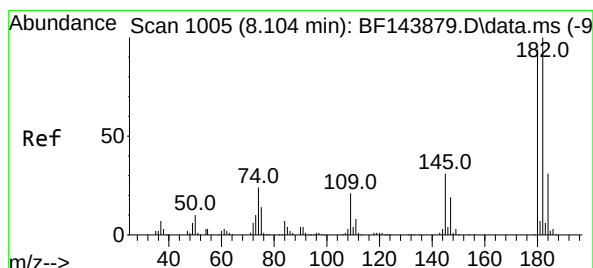
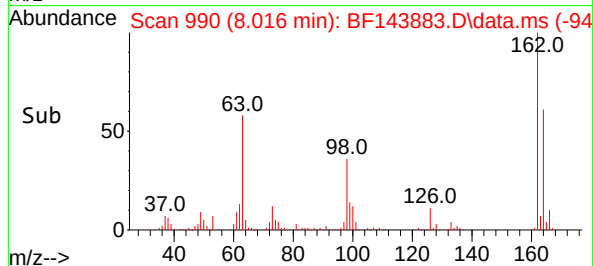
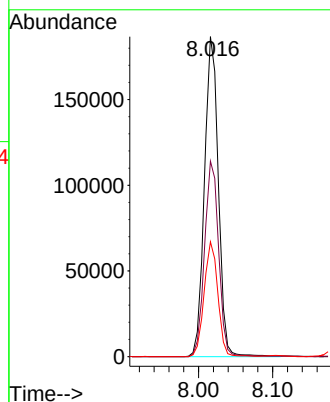
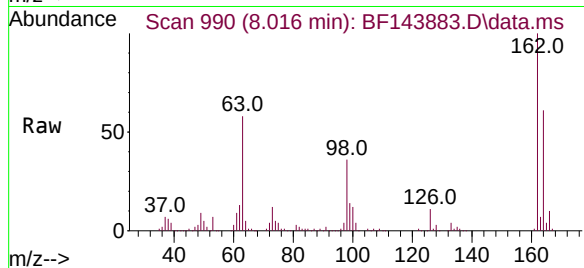
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.503 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

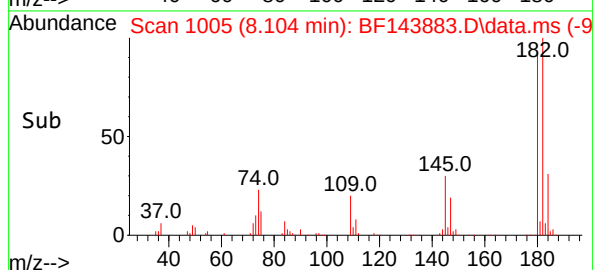
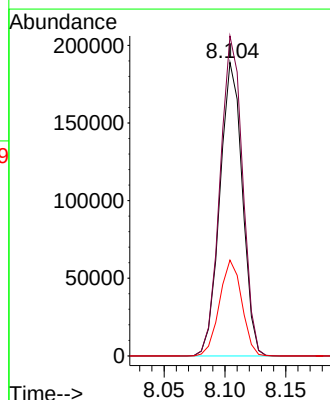
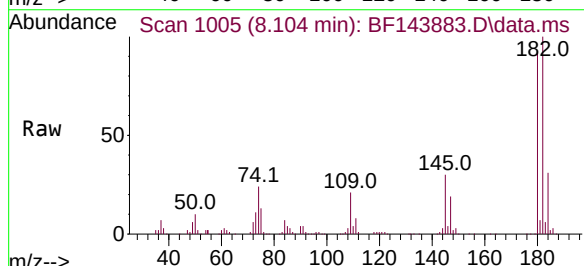
Tgt Ion:180 Resp: 243161

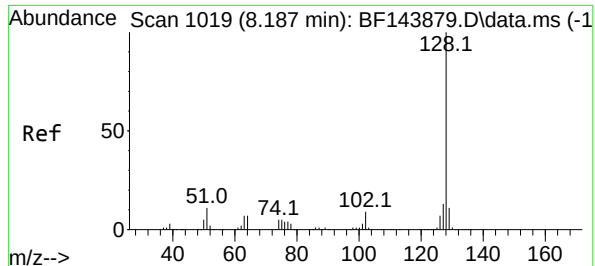
Ion Ratio Lower Upper

180 100

182 109.0 85.4 128.0

145 32.7 26.3 39.5





#31

Naphthalene

Concen: 36.679 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:128 Resp: 749110

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

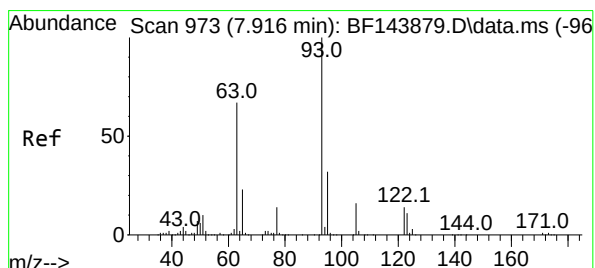
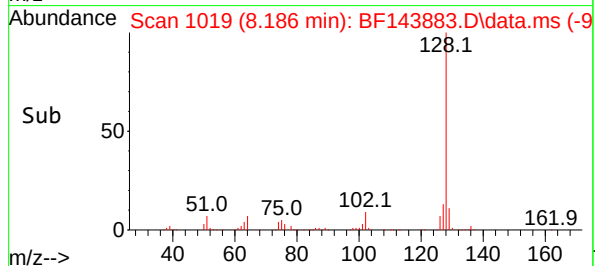
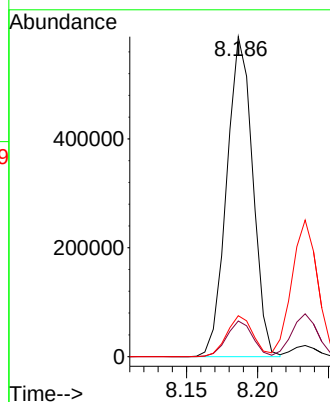
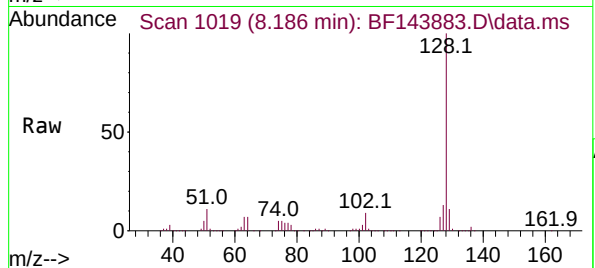
127 12.8 10.0 15.0

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 35.162 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.059 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

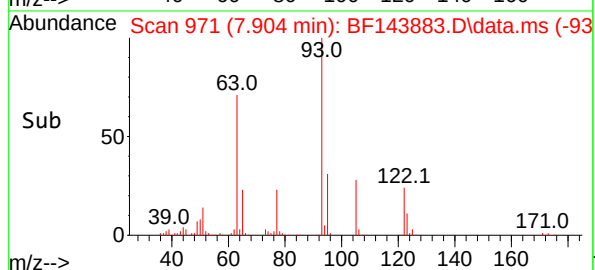
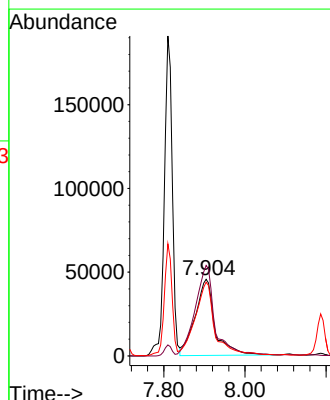
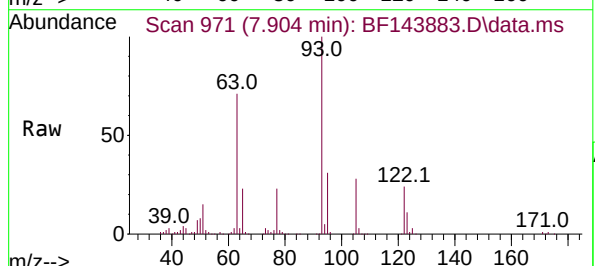
Tgt Ion:122 Resp: 154019

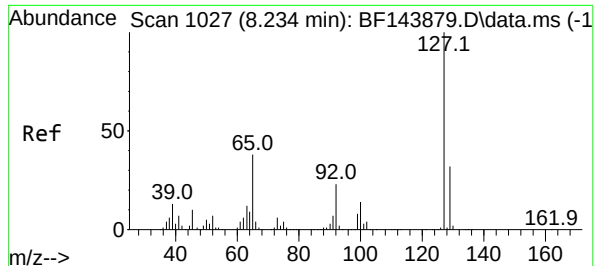
Ion Ratio Lower Upper

122 100

105 118.0 93.5 133.5

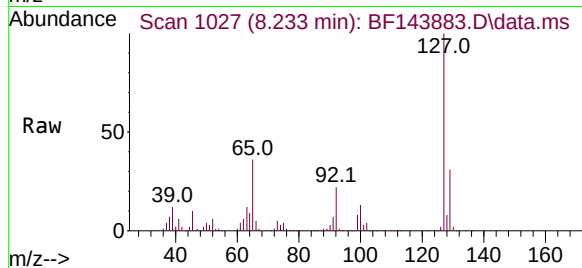
77 96.2 76.3 116.3





#33  
4-Chloroaniline  
Concen: 41.950 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

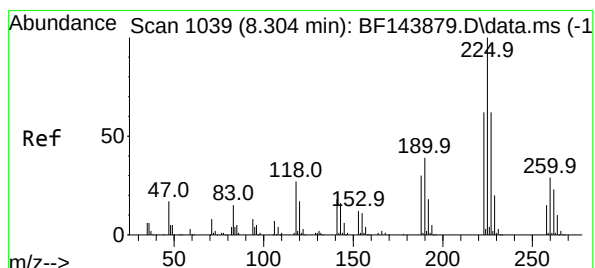
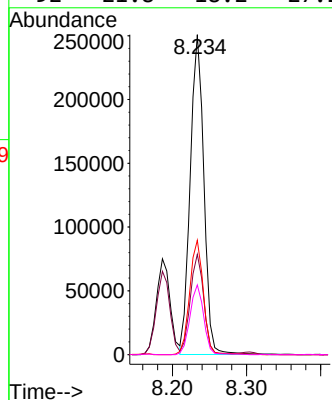
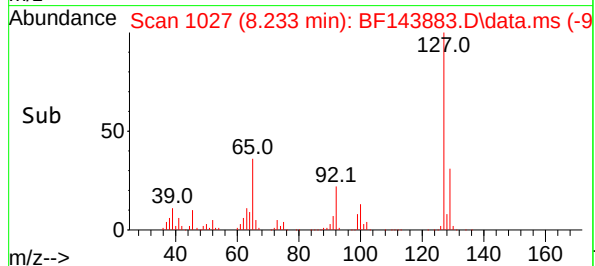
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:127 Resp: 321328  
Ion Ratio Lower Upper  
127 100  
129 31.3 25.8 38.8  
65 35.7 30.0 45.0  
92 21.8 18.2 27.2

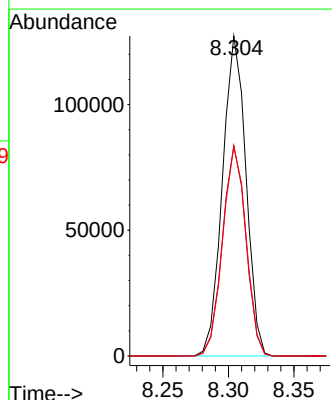
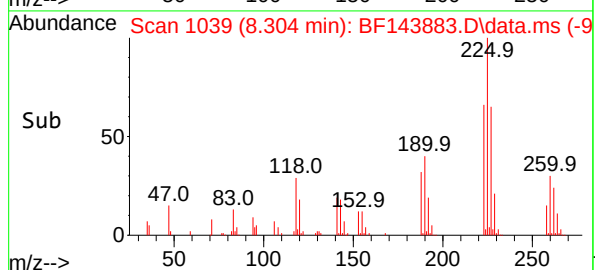
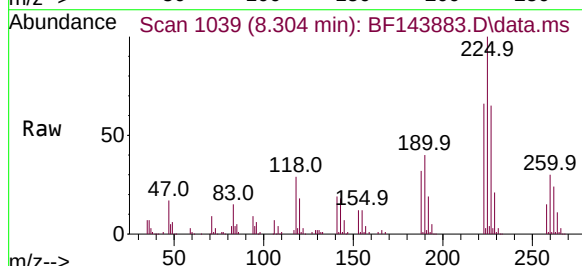
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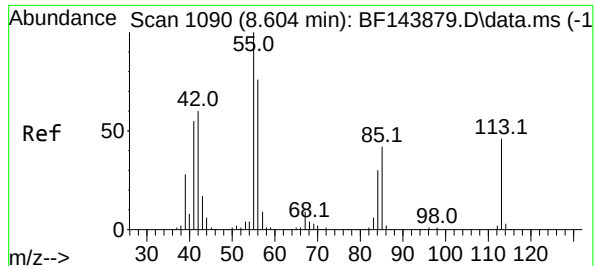
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#34  
Hexachlorobutadiene  
Concen: 35.201 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:225 Resp: 158600  
Ion Ratio Lower Upper  
225 100  
223 65.7 49.4 74.2  
227 65.4 49.7 74.5





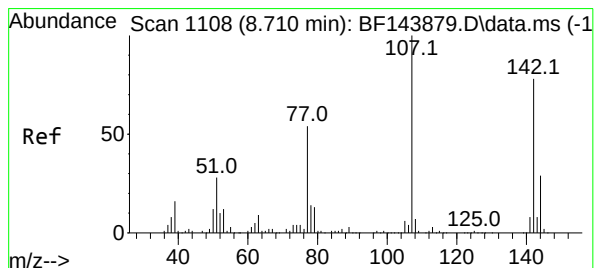
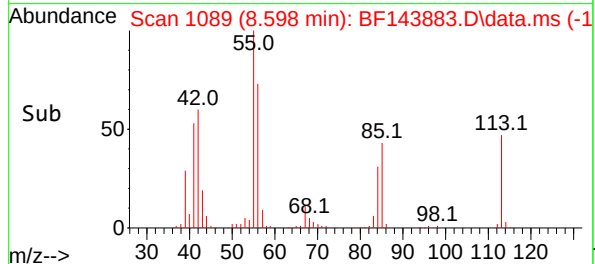
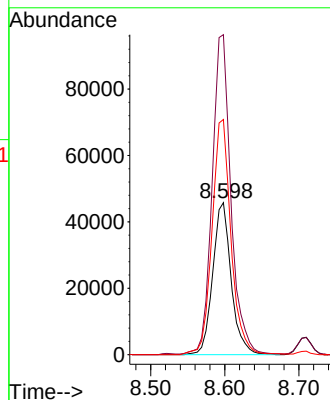
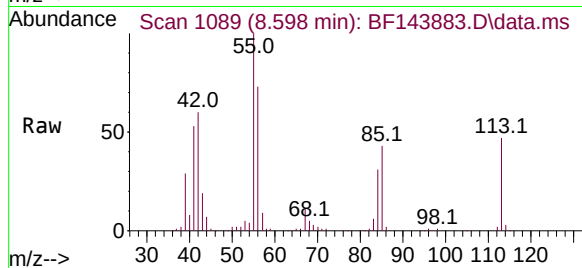
#35  
 Caprolactam  
 Concen: 37.736 ng  
 RT: 8.598 min Scan# 1089  
 Delta R.T. -0.047 min  
 Lab File: BF143883.D  
 Acq: 06 Oct 2025 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Tgt Ion:113 Resp: 79102  
 Ion Ratio Lower Upper  
 113 100  
 55 210.6 199.6 239.6  
 56 154.8 146.0 186.0

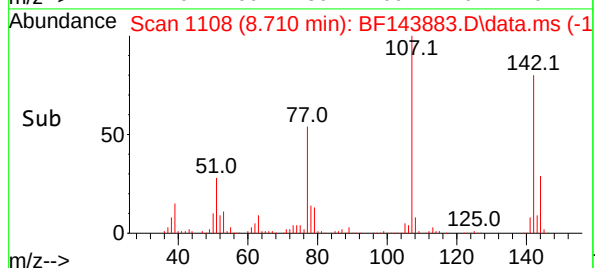
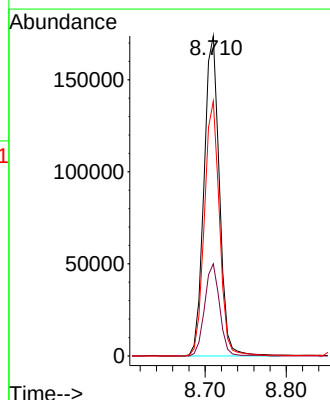
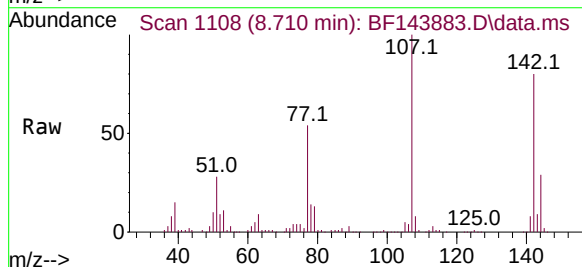
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Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

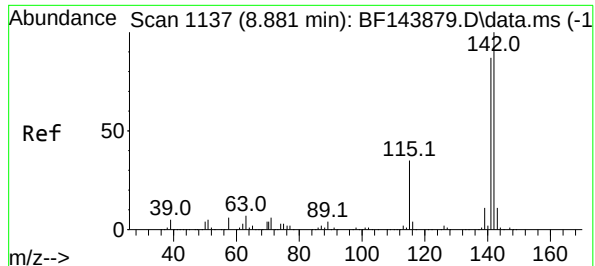


#36  
 4-Chloro-3-methylphenol  
 Concen: 36.079 ng  
 RT: 8.710 min Scan# 1108  
 Delta R.T. -0.012 min  
 Lab File: BF143883.D  
 Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 228481  
 Ion Ratio Lower Upper  
 107 100  
 144 28.8 23.1 34.7  
 142 79.6 62.6 94.0







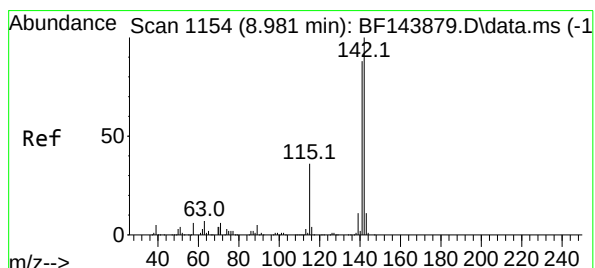
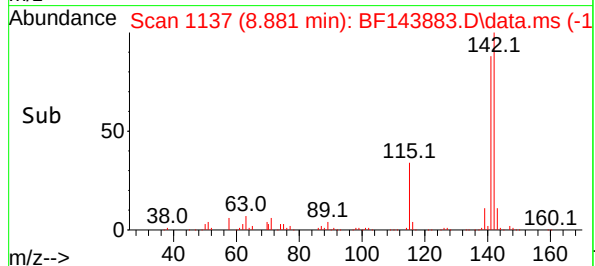
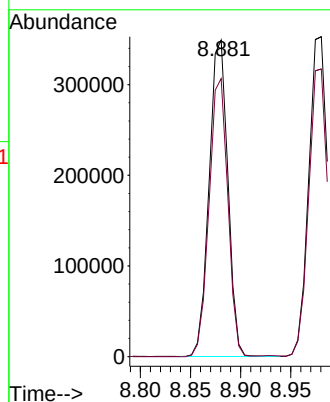
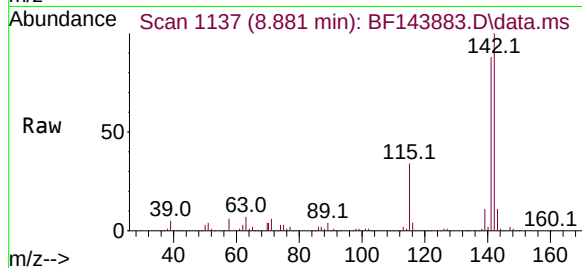
#37  
2-Methylnaphthalene  
Concen: 33.257 ng  
RT: 8.881 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:142 Resp: 452442  
Ion Ratio Lower Upper  
142 100  
141 87.8 69.2 103.8

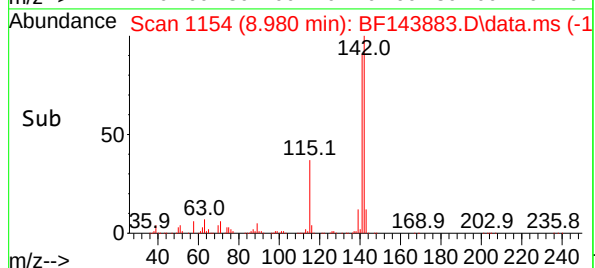
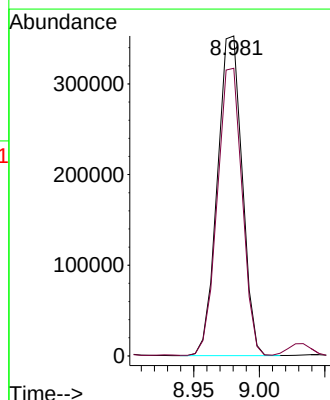
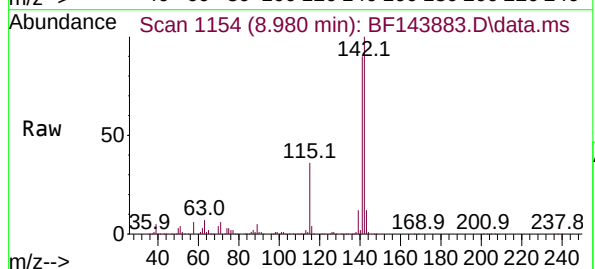
Manual Integrations  
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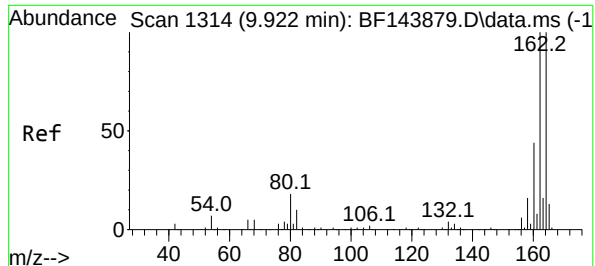
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#38  
1-Methylnaphthalene  
Concen: 35.269 ng  
RT: 8.980 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:142 Resp: 465414  
Ion Ratio Lower Upper  
142 100  
141 89.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143883.D

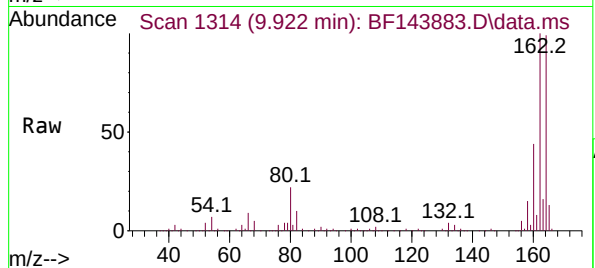
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



Tgt Ion:164 Resp: 247780

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

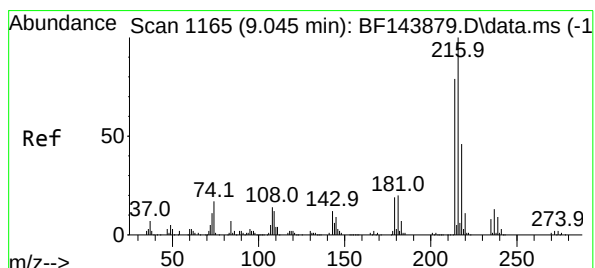
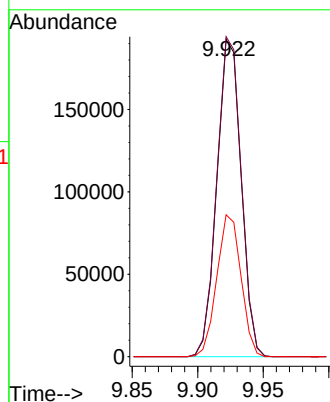
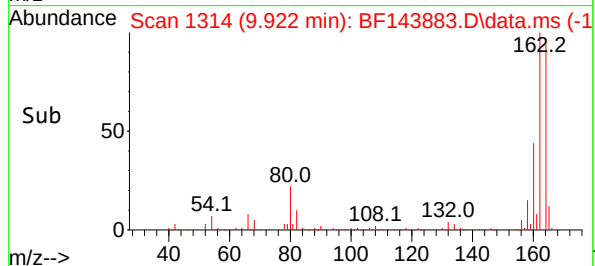
160 44.7 35.4 53.0

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

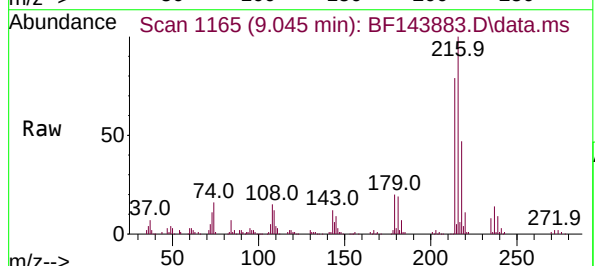
Concen: 37.122 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



Tgt Ion:216 Resp: 254223

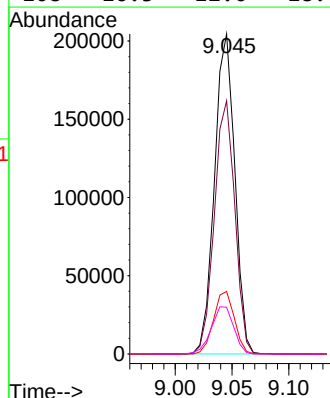
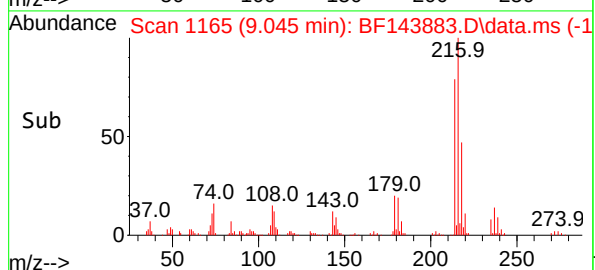
Ion Ratio Lower Upper

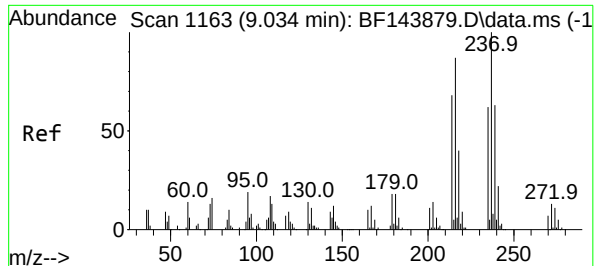
216 100

214 79.7 62.6 94.0

179 19.9 15.4 23.0

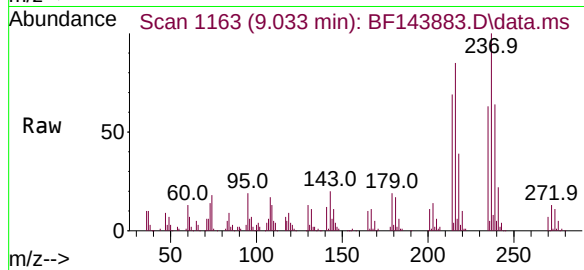
108 16.3 12.0 18.0





#41  
Hexachlorocyclopentadiene  
Concen: 48.984 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

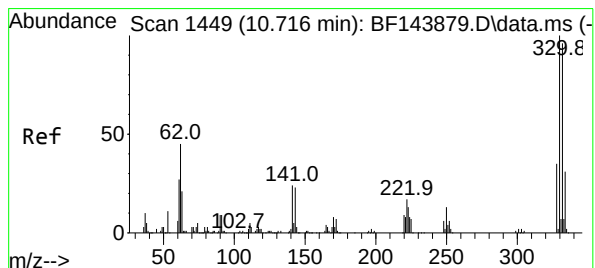
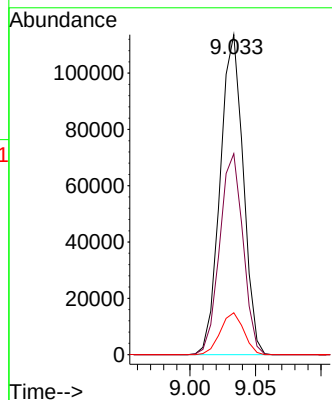
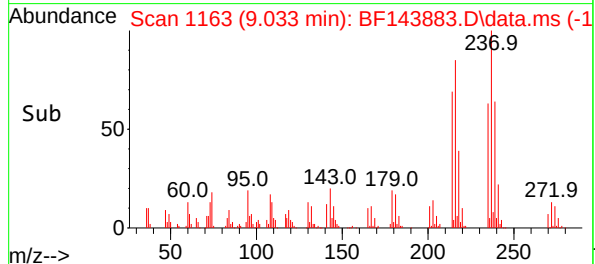
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 237 Resp: 139168  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.3 82.3  
272 13.1 0.0 33.1

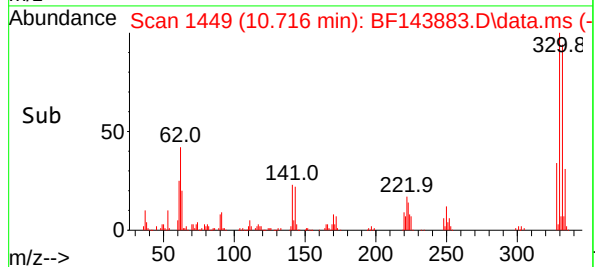
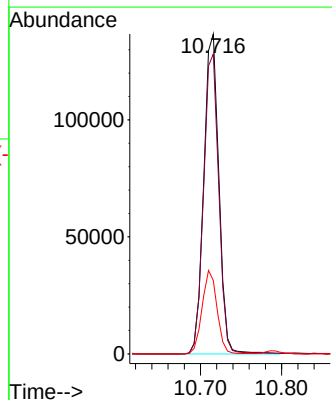
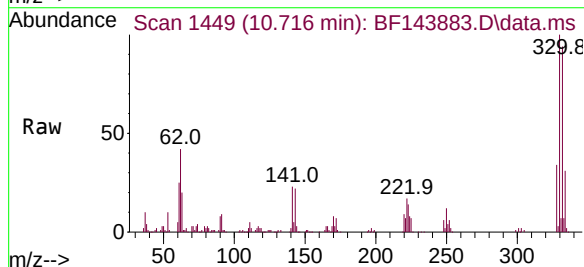
Manual Integrations  
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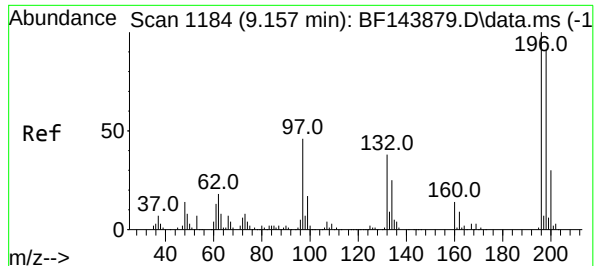
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#42  
2,4,6-Tribromophenol  
Concen: 71.685 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion: 330 Resp: 176914  
Ion Ratio Lower Upper  
330 100  
332 94.3 76.9 115.3  
141 25.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 36.726 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143883.D

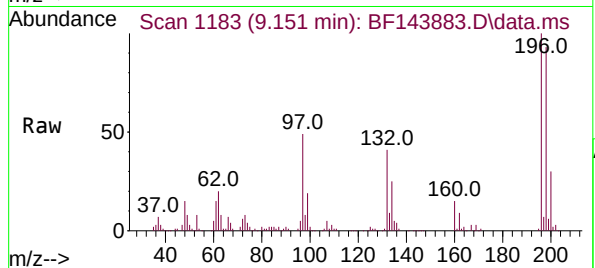
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



Tgt Ion:196 Resp: 183769

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

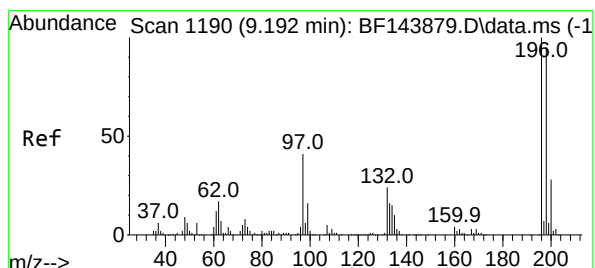
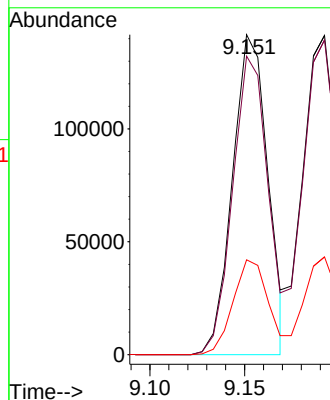
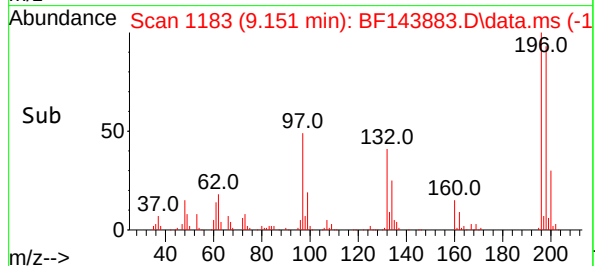
200 29.6 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

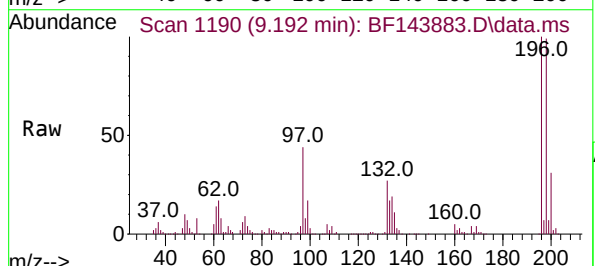
Concen: 35.194 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



Tgt Ion:196 Resp: 186099

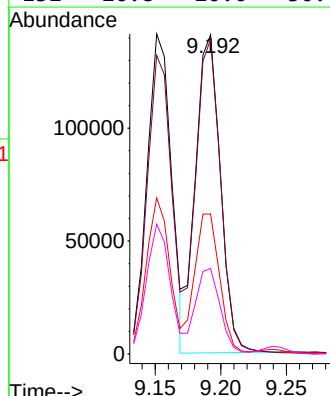
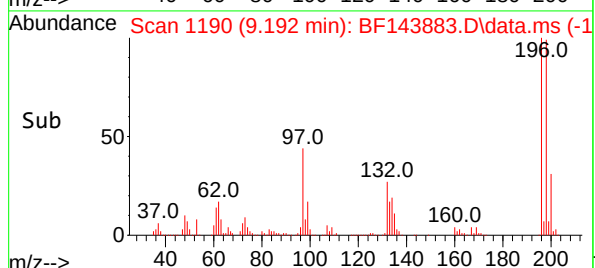
Ion Ratio Lower Upper

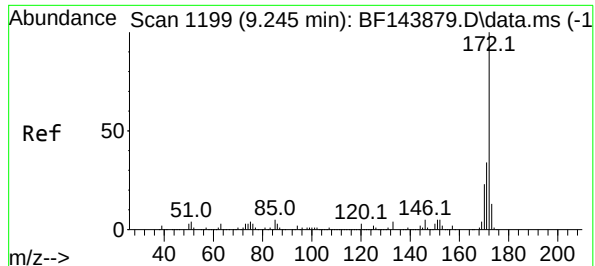
196 100

198 98.6 75.5 113.3

97 43.8 33.9 50.9

132 26.8 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 67.621 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:172 Resp: 105594

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

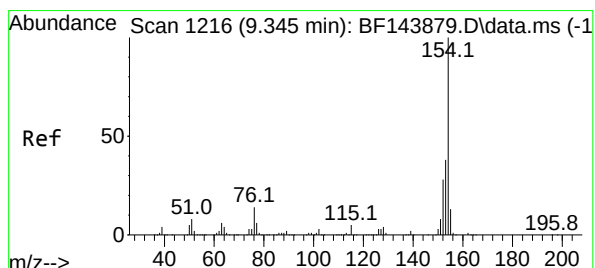
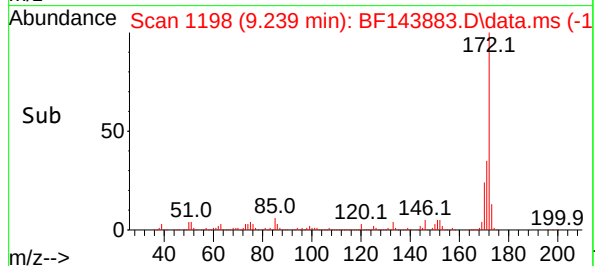
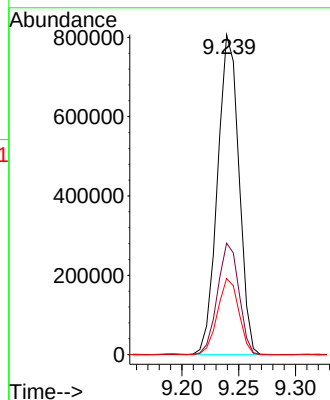
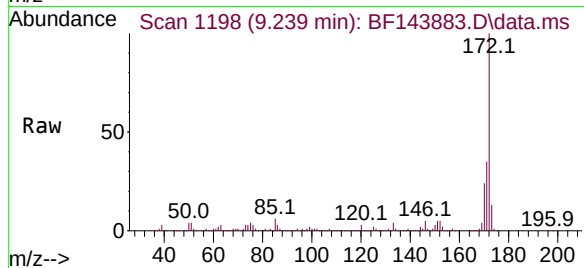
170 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 36.770 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

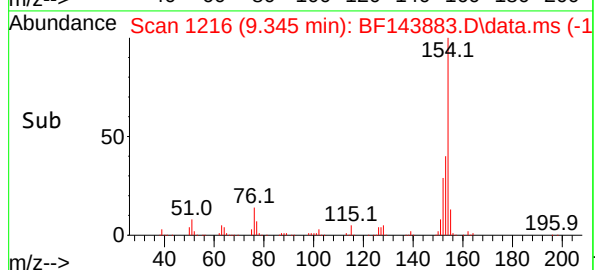
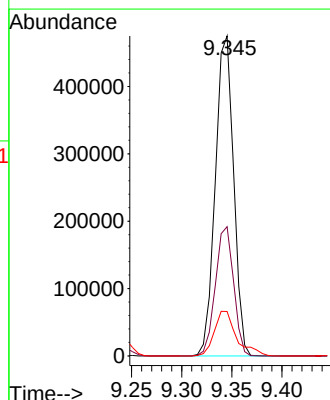
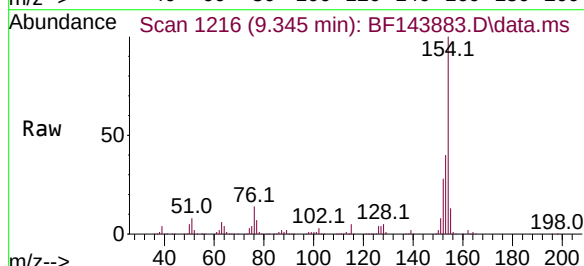
Tgt Ion:154 Resp: 603213

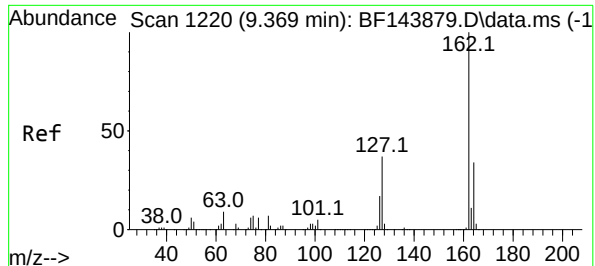
Ion Ratio Lower Upper

154 100

153 40.4 18.4 58.4

76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.454 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:162 Resp: 498615

Ion Ratio Lower Upper

162 100

127 35.6 30.2 45.2

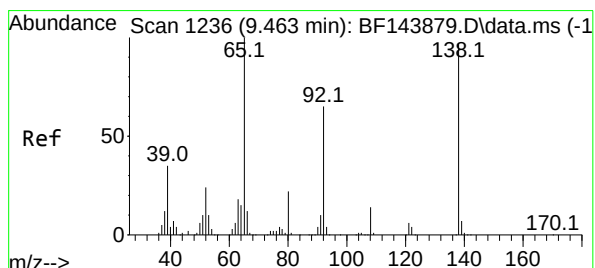
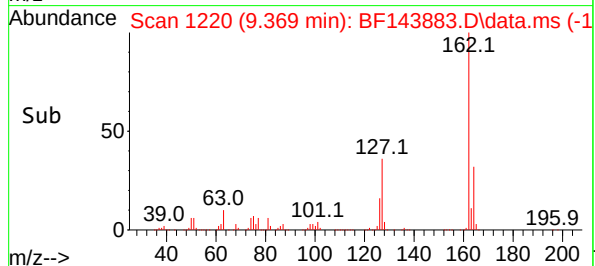
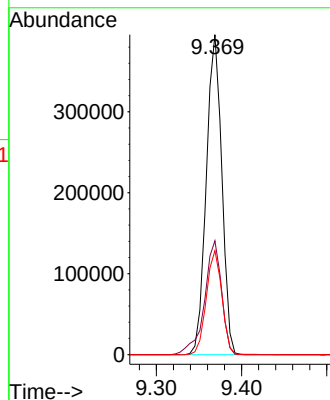
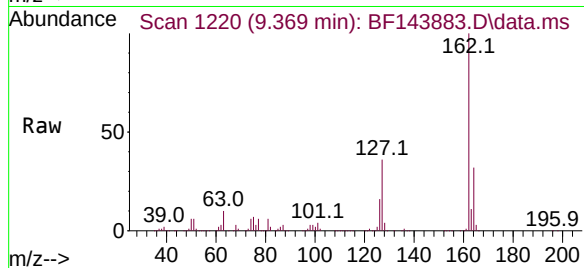
164 32.5 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 38.894 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

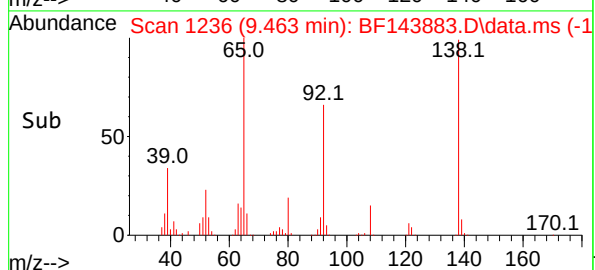
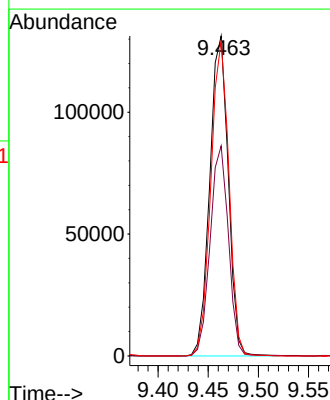
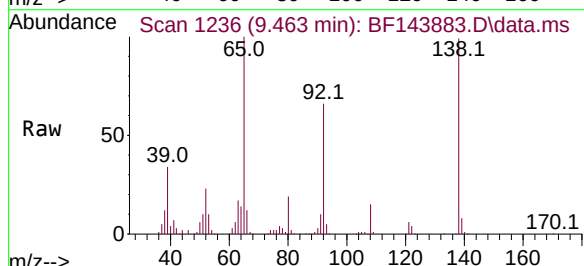
Tgt Ion: 65 Resp: 168191

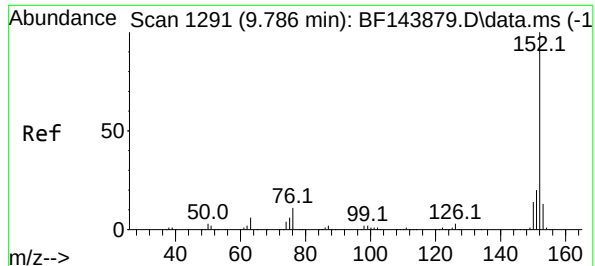
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 98.5 77.4 116.2





#49

Acenaphthylene

Concen: 40.859 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143883.D

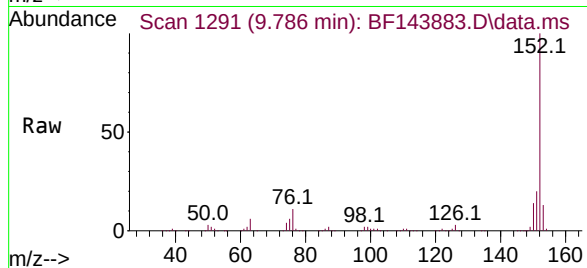
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



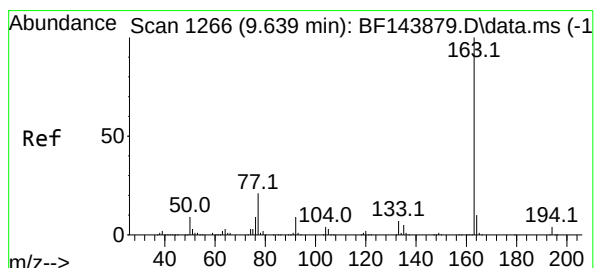
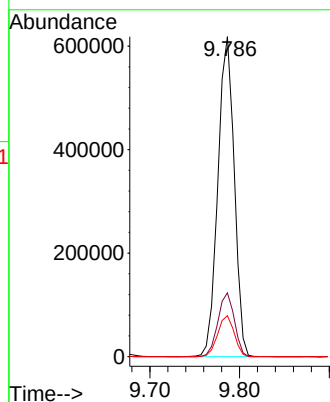
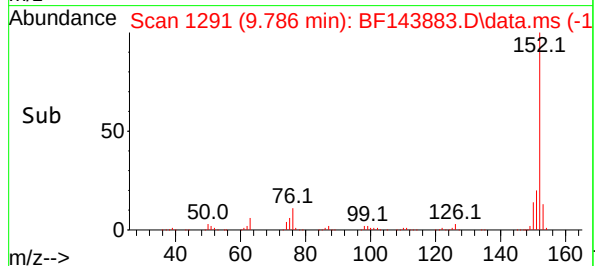
|             |                |
|-------------|----------------|
| Tgt Ion:152 | Resp: 78569    |
| Ion Ratio   | Lower Upper    |
| 152         | 100            |
| 151         | 19.9 15.8 23.6 |
| 153         | 12.8 10.5 15.7 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

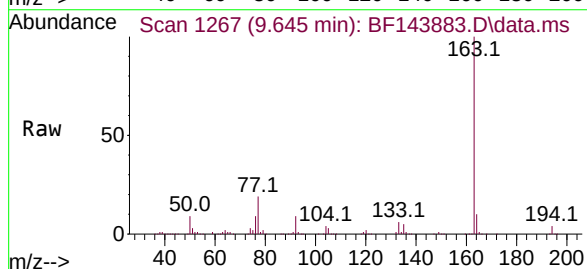
Concen: 35.968 ng

RT: 9.645 min Scan# 1267

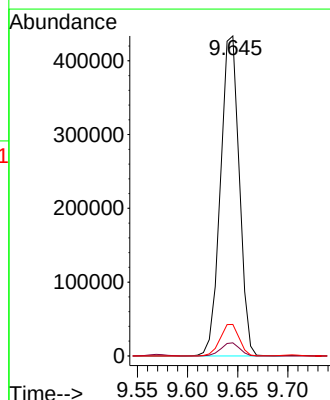
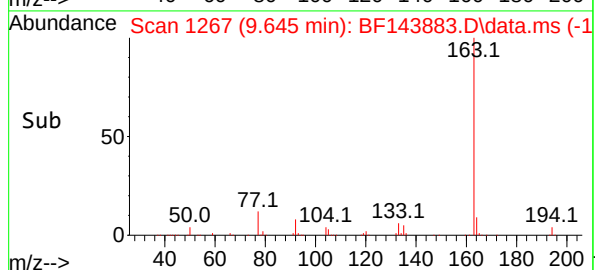
Delta R.T. 0.000 min

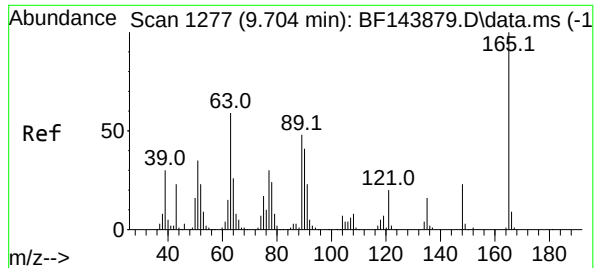
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



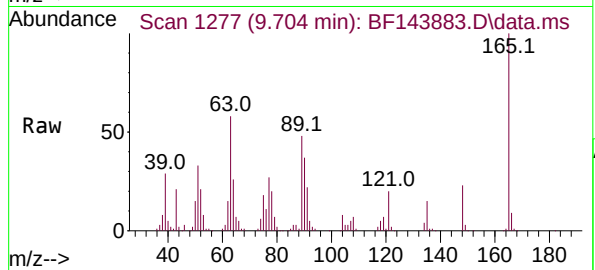
|             |              |
|-------------|--------------|
| Tgt Ion:163 | Resp: 565953 |
| Ion Ratio   | Lower Upper  |
| 163         | 100          |
| 194         | 4.1 3.3 4.9  |
| 164         | 9.8 8.1 12.1 |





#51  
2,6-Dinitrotoluene  
Concen: 41.967 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

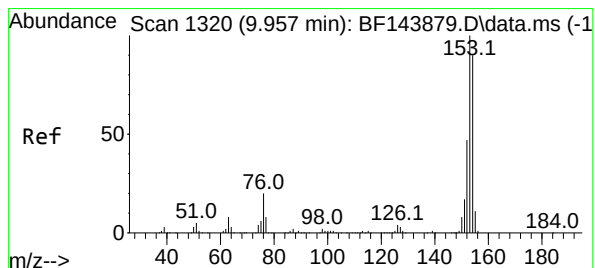
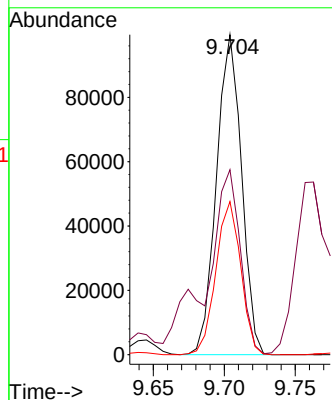
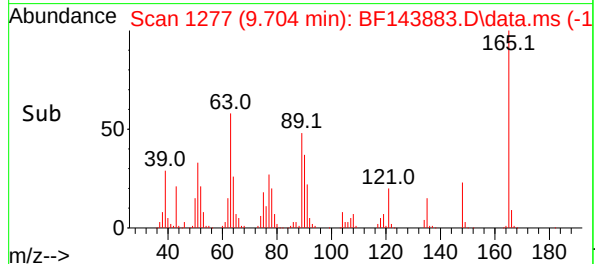
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:165 Resp: 122449  
Ion Ratio Lower Upper  
165 100  
63 57.8 47.3 70.9  
89 47.8 38.2 57.4

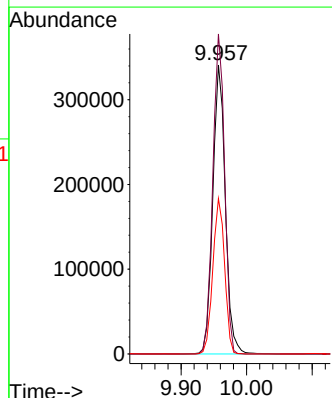
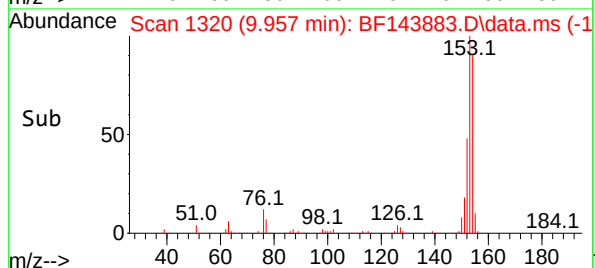
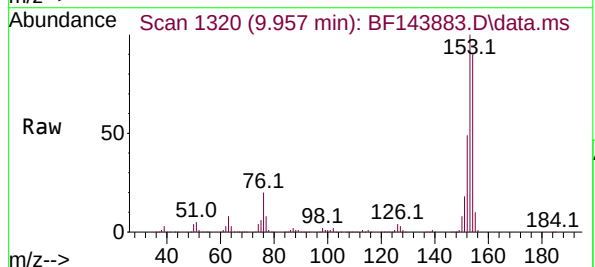
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

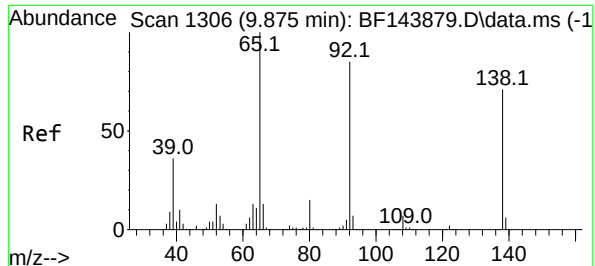


#52  
Acenaphthene  
Concen: 35.913 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 452513  
Ion Ratio Lower Upper  
154 100  
153 110.8 89.3 133.9  
152 53.8 42.2 63.2







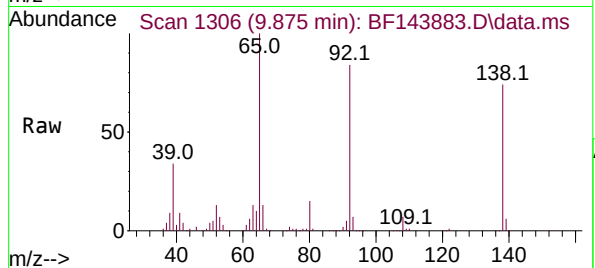
#53  
3-Nitroaniline  
Concen: 40.493 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

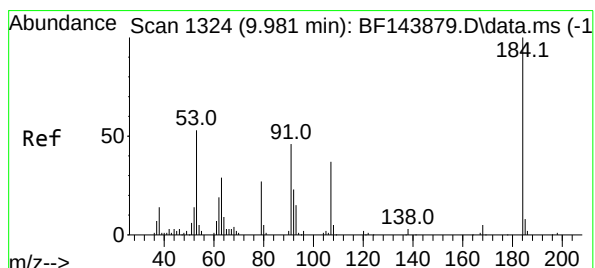
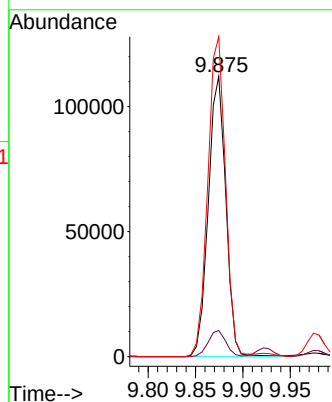
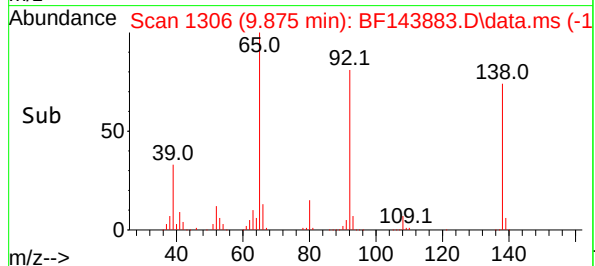


Tgt Ion:138 Resp: 144668  
Ion Ratio Lower Upper  
138 100  
108 9.3 8.3 12.5  
92 114.2 96.2 144.2

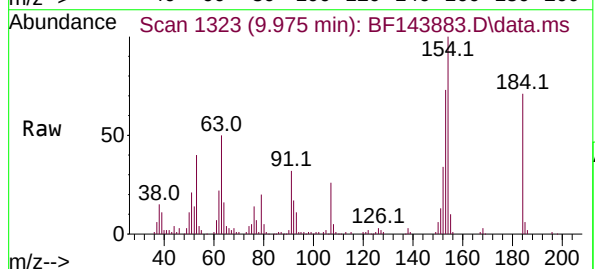
Manual Integrations

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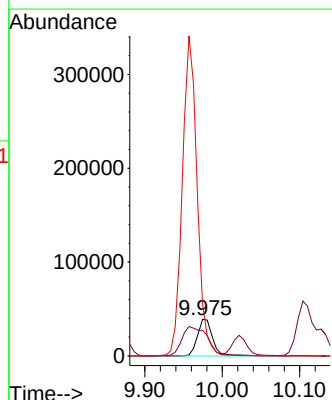
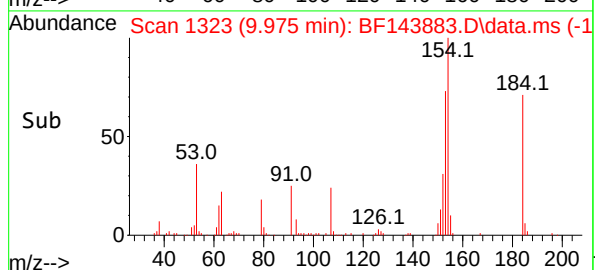
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

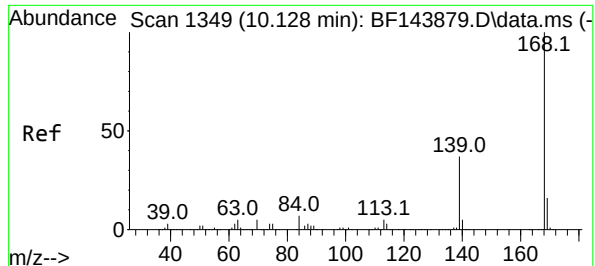


#54  
2,4-Dinitrophenol  
Concen: 33.731 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.011 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



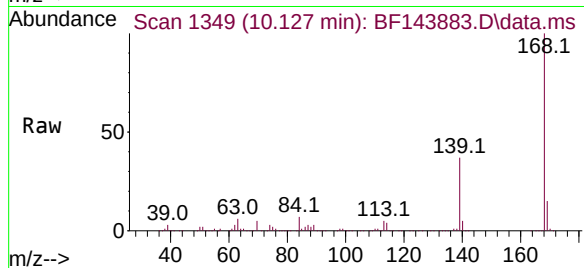
Tgt Ion:184 Resp: 52796  
Ion Ratio Lower Upper  
184 100  
63 70.0 48.2 72.4  
154 140.2 49.2 73.8





#55  
Dibenzenofuran  
Concen: 36.717 ng  
RT: 10.127 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

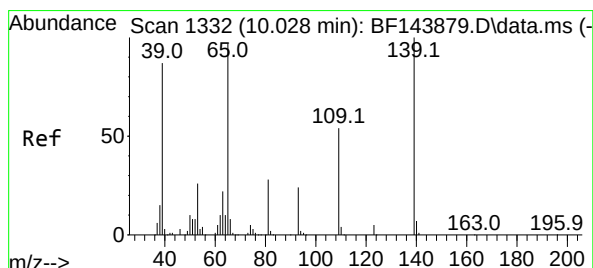
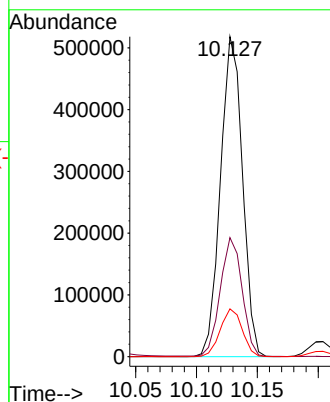
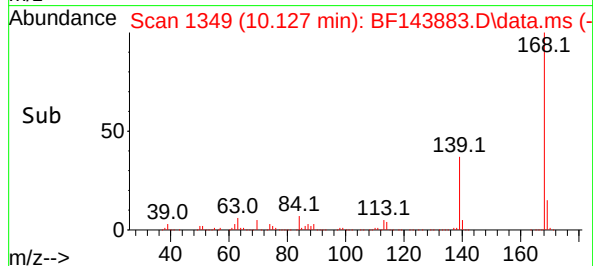
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:168 Resp: 653073  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.8 44.8  
169 15.0 12.8 19.2

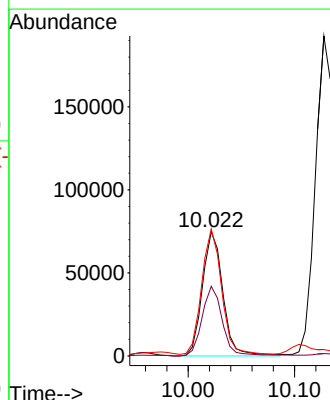
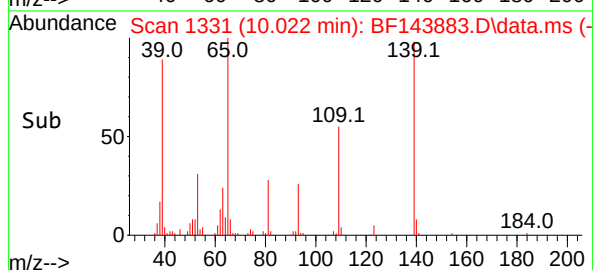
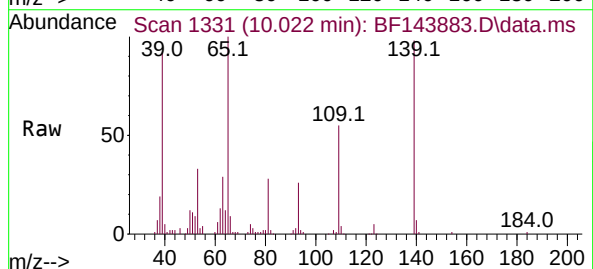
Manual Integrations  
APPROVED

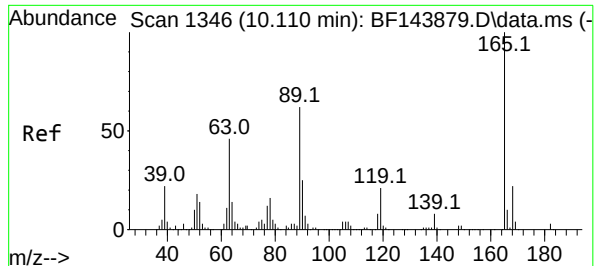
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#56  
4-Nitrophenol  
Concen: 36.850 ng  
RT: 10.022 min Scan# 1331  
Delta R.T. -0.017 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:139 Resp: 99684  
Ion Ratio Lower Upper  
139 100  
109 56.0 34.5 74.5  
65 102.2 77.6 117.6





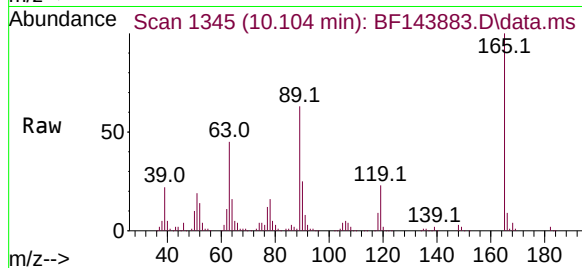
#57  
2,4-Dinitrotoluene  
Concen: 41.169 ng  
RT: 10.104 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

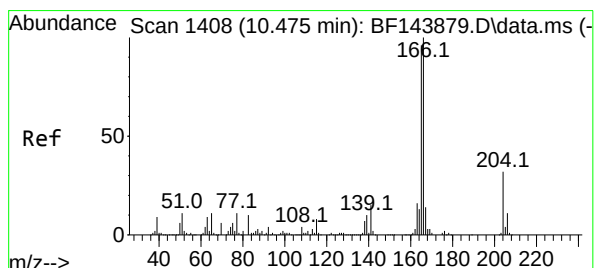
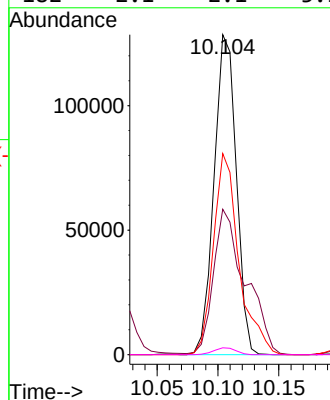
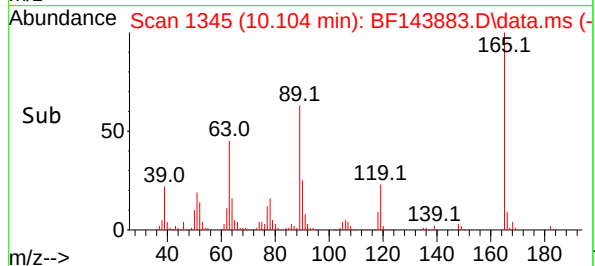


Tgt Ion:165 Resp: 163440  
Ion Ratio Lower Upper  
165 100  
63 45.4 37.2 55.8  
89 62.8 49.4 74.2  
182 2.1 2.1 3.1

Manual Integrations

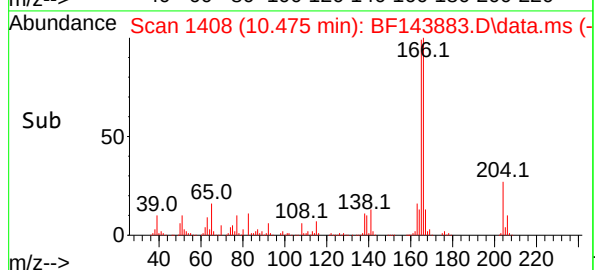
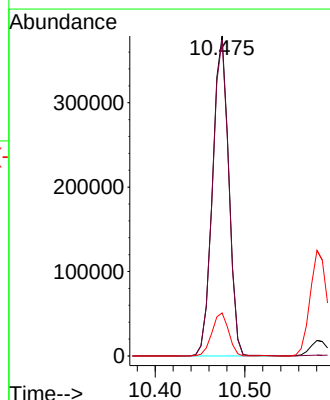
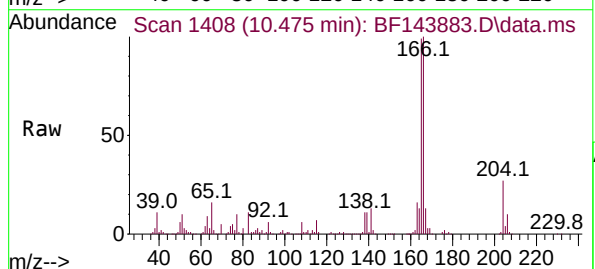
APPROVED

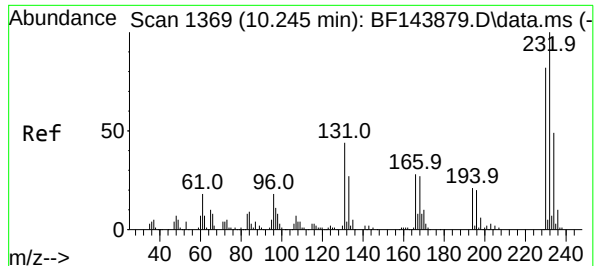
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#58  
Fluorene  
Concen: 35.527 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

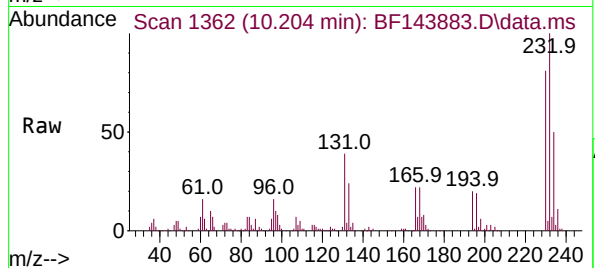
Tgt Ion:166 Resp: 476811  
Ion Ratio Lower Upper  
166 100  
165 98.7 77.0 115.6  
167 13.4 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.488 ng  
RT: 10.204 min Scan# 1362  
Delta R.T. -0.047 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

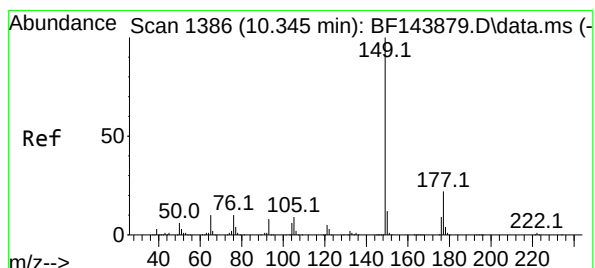
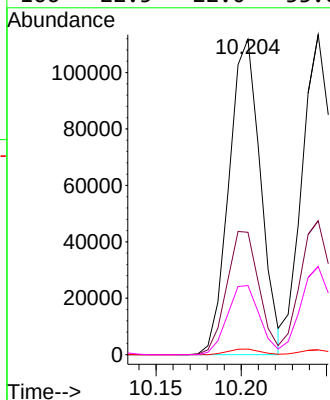
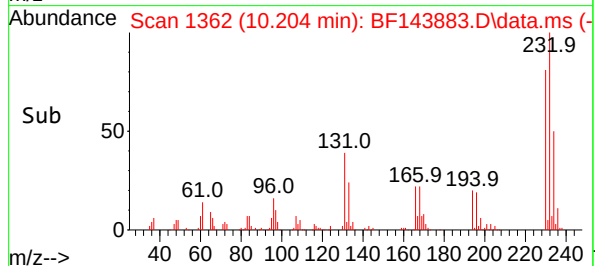
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:232 Resp: 144064  
Ion Ratio Lower Upper  
232 100  
131 40.0 34.9 52.3  
130 1.8 1.6 2.4  
166 22.5 22.0 33.0

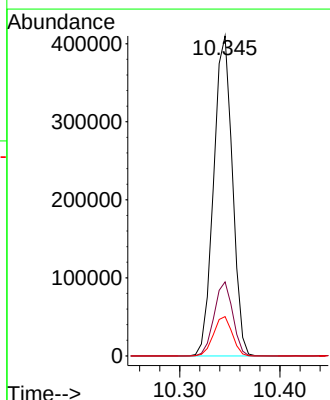
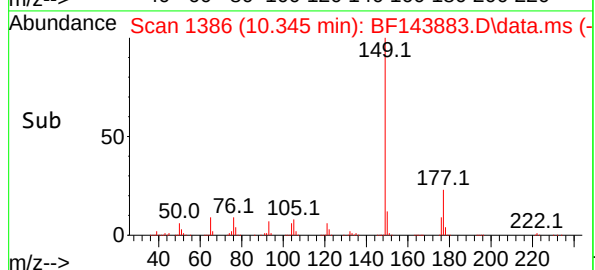
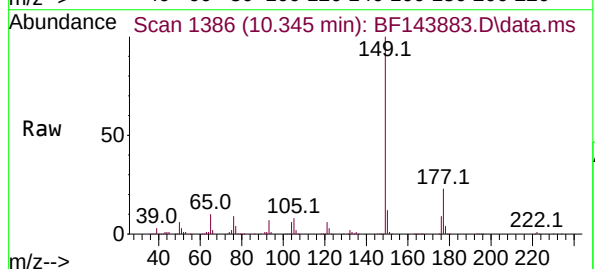
Manual Integrations  
APPROVED

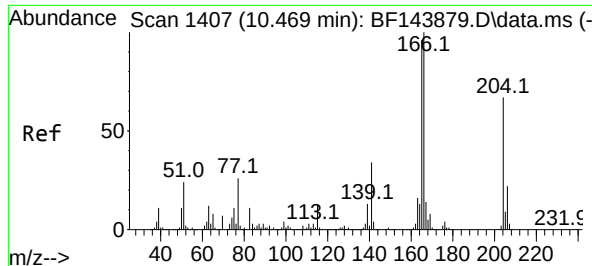
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#60  
Diethylphthalate  
Concen: 36.501 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

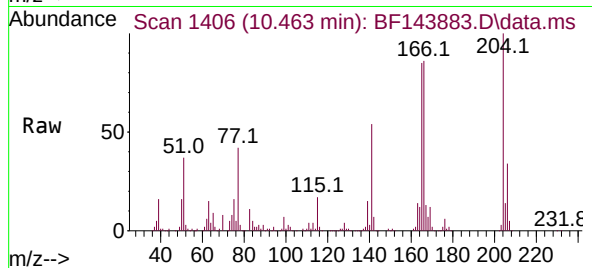
Tgt Ion:149 Resp: 533574  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.9 26.9  
150 12.3 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 36.113 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

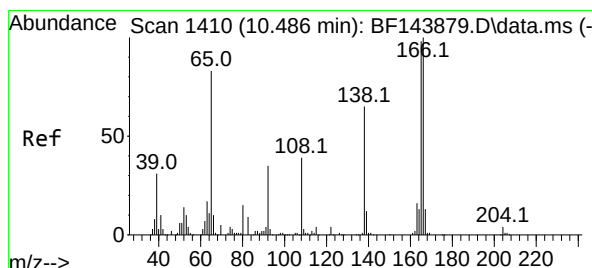
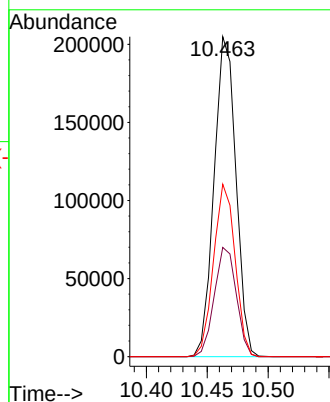
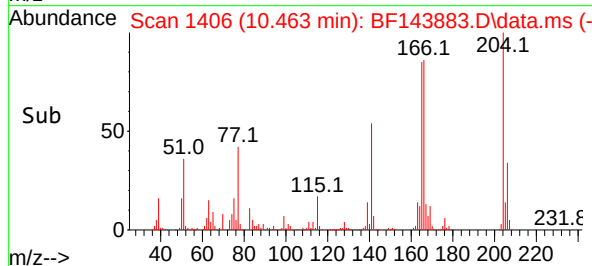
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:204 Resp: 25624  
Ion Ratio Lower Upper  
204 100  
206 34.1 26.6 40.0  
141 53.9 40.4 60.6

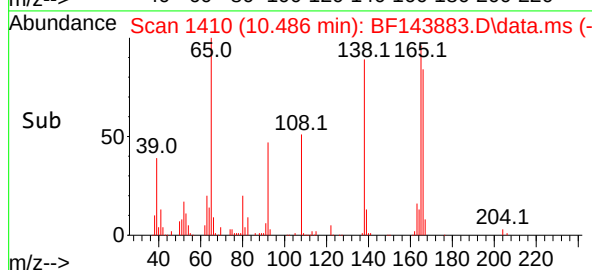
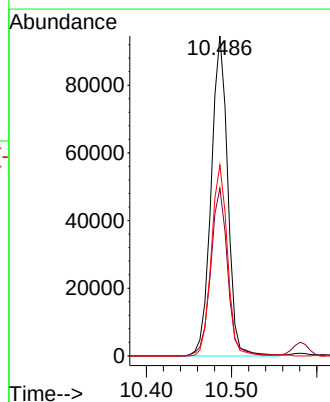
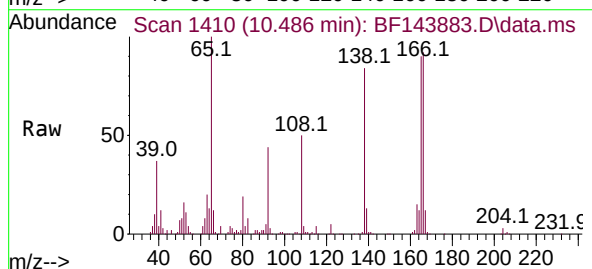
Manual Integrations  
APPROVED

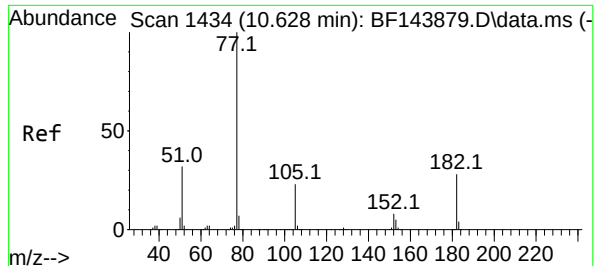
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#62  
4-Nitroaniline  
Concen: 37.074 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

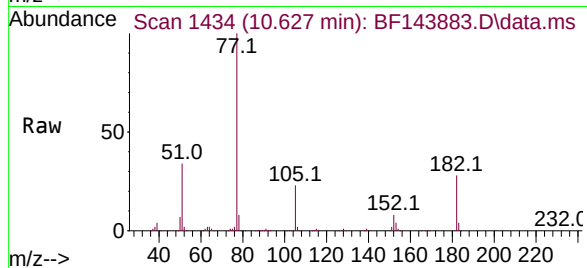
Tgt Ion:138 Resp: 127369  
Ion Ratio Lower Upper  
138 100  
92 52.4 33.9 73.9  
108 59.6 40.2 80.2





#63  
Azobenzene  
Concen: 36.837 ng  
RT: 10.627 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

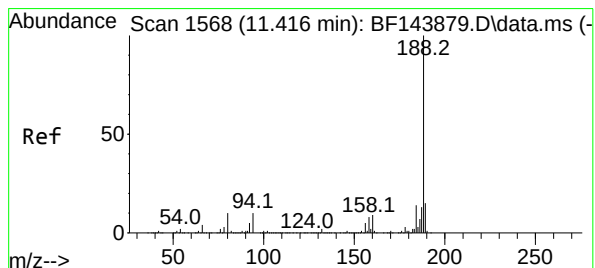
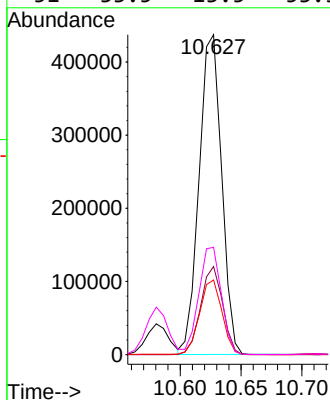
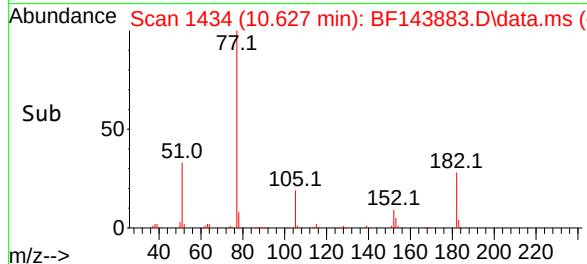
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



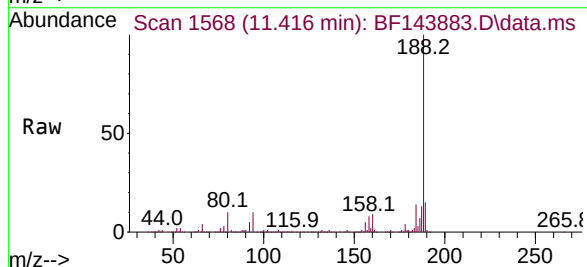
Tgt Ion: 77 Resp: 56278  
Ion Ratio Lower Upper  
77 100  
182 27.5 7.3 47.3  
105 23.3 3.0 43.0  
51 33.5 13.5 53.5

Manual Integrations  
APPROVED

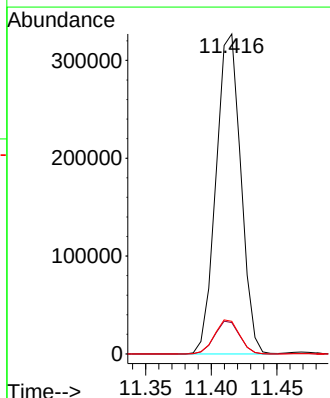
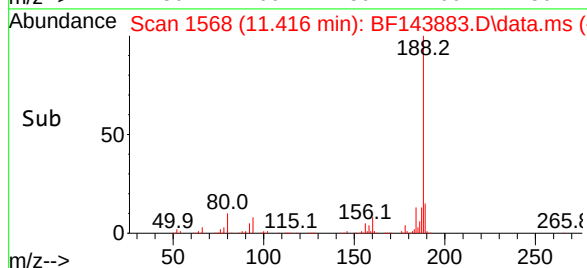
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

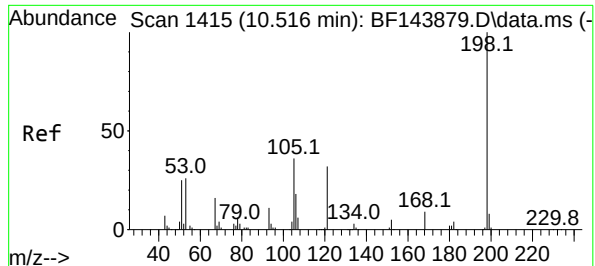


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:188 Resp: 431562  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.8 11.6  
80 10.2 7.9 11.9





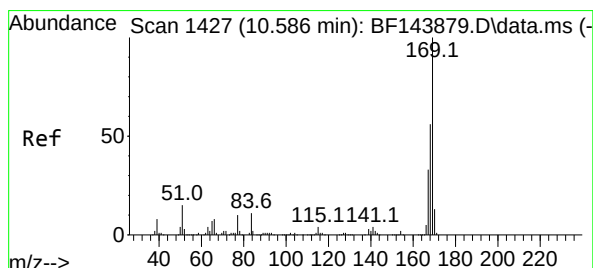
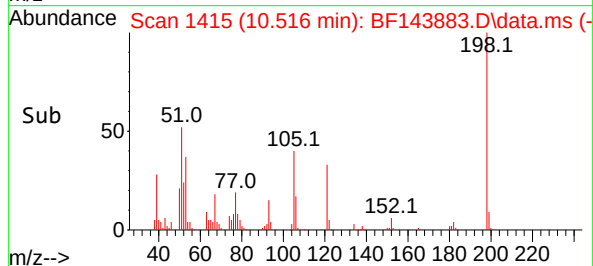
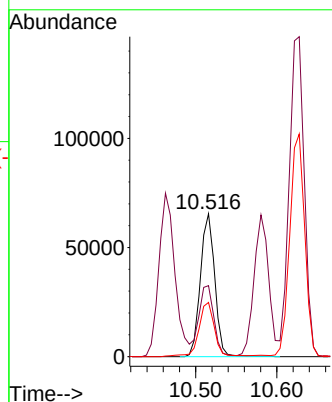
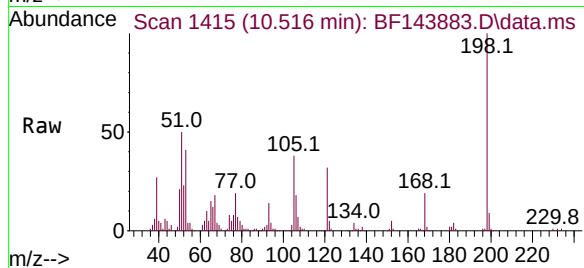
#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.083 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:198 Resp: 80422  
Ion Ratio Lower Upper  
198 100  
51 49.7 33.8 73.8  
105 37.9 17.0 57.0

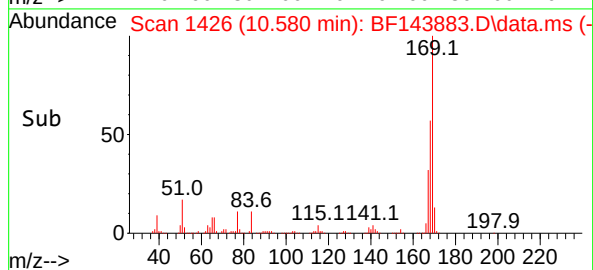
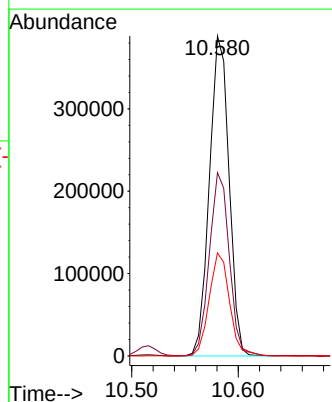
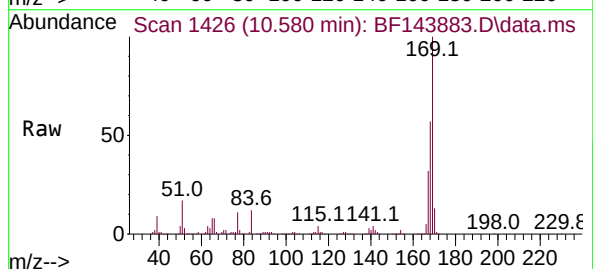
Manual Integrations  
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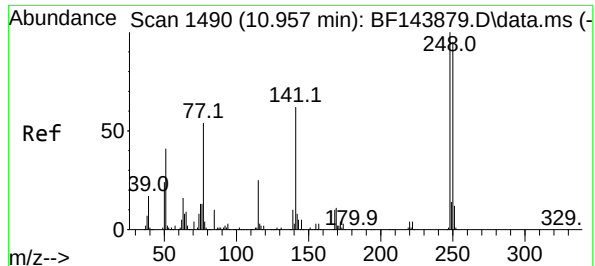
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 36.649 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

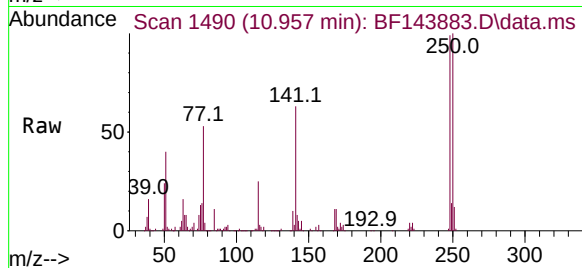
Tgt Ion:169 Resp: 496618  
Ion Ratio Lower Upper  
169 100  
168 57.3 44.9 67.3  
167 32.2 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 33.973 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

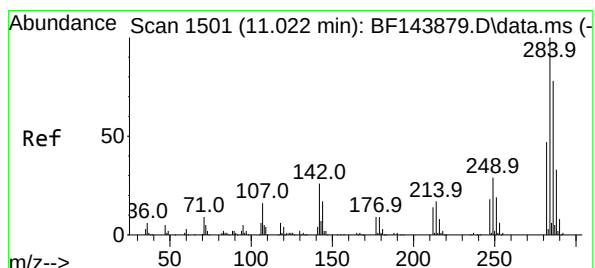
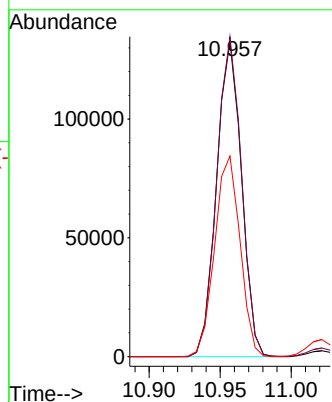
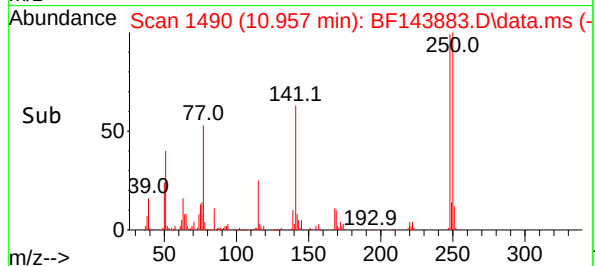
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:248 Resp: 162033  
Ion Ratio Lower Upper  
248 100  
250 101.4 76.3 114.5  
141 63.6 49.7 74.5

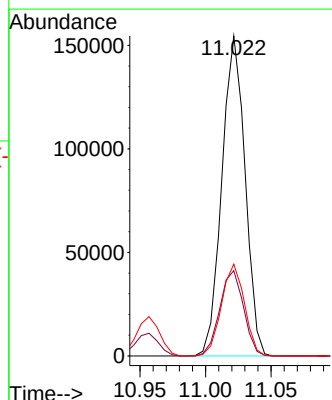
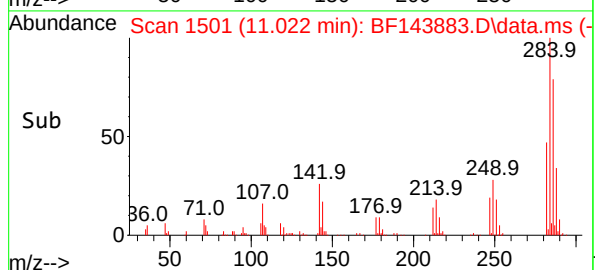
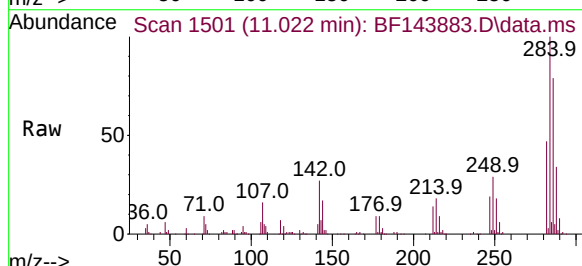
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

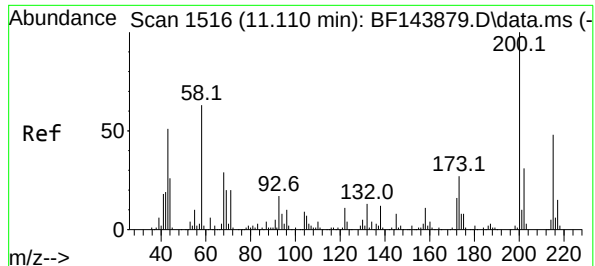


#68  
Hexachlorobenzene  
Concen: 34.415 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:284 Resp: 190028  
Ion Ratio Lower Upper  
284 100  
142 26.6 20.6 30.8  
249 28.7 23.2 34.8







#69

Atrazine

Concen: 39.016 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:200 Resp: 160244

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

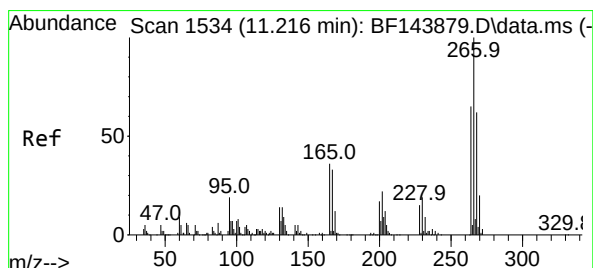
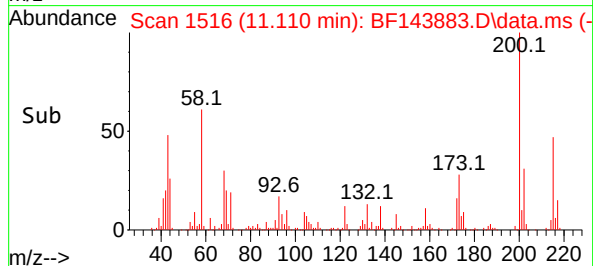
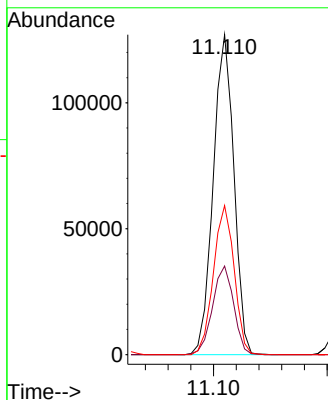
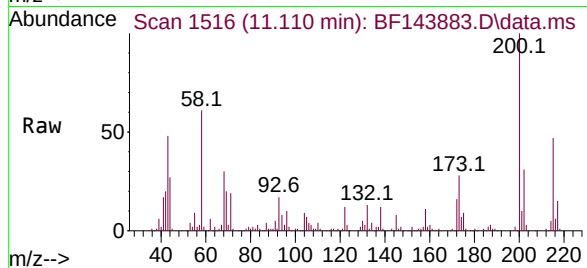
215 46.6 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 33.097 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

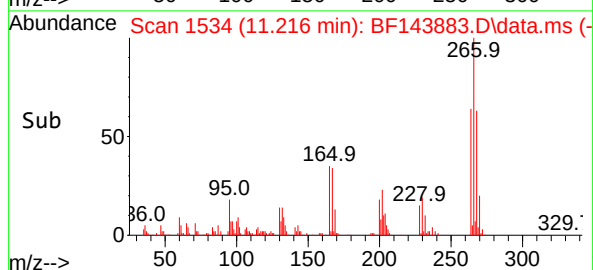
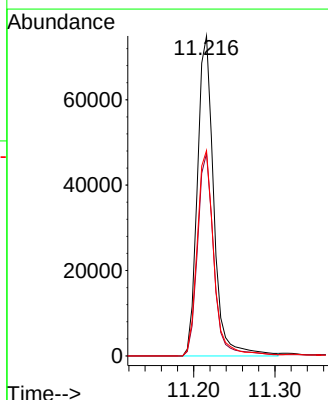
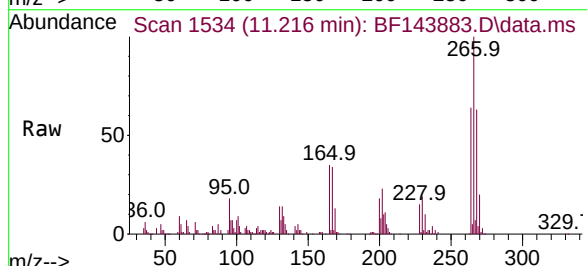
Tgt Ion:266 Resp: 104958

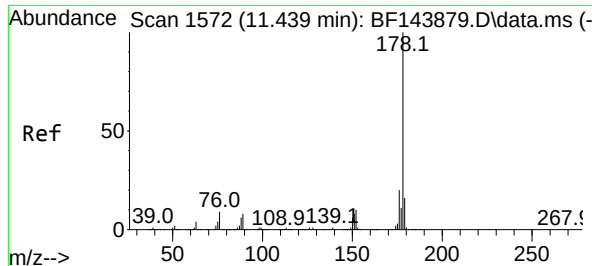
Ion Ratio Lower Upper

266 100

268 63.3 49.4 74.0

264 64.2 51.8 77.6





#71  
Phenanthrene  
Concen: 35.542 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

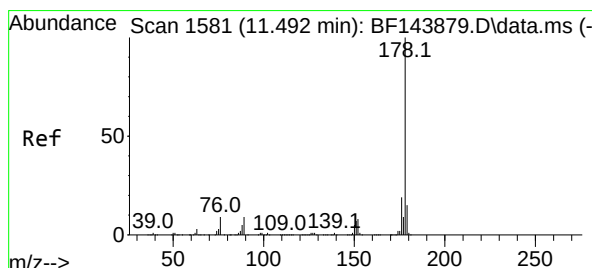
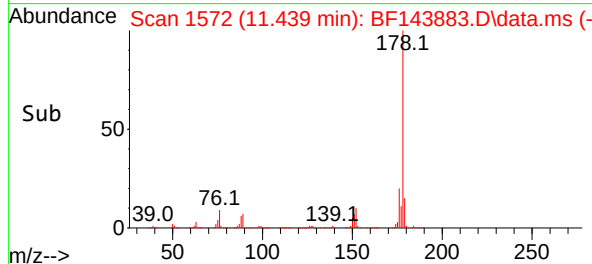
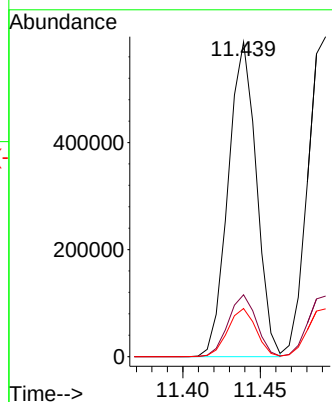
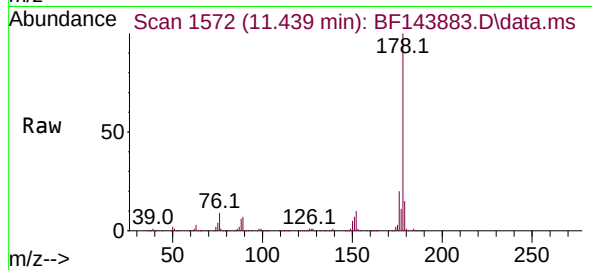
ICVBF100625

Tgt Ion:178 Resp: 743609  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.3 12.4 18.6

Manual Integrations

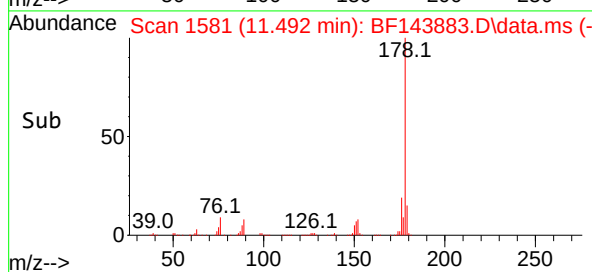
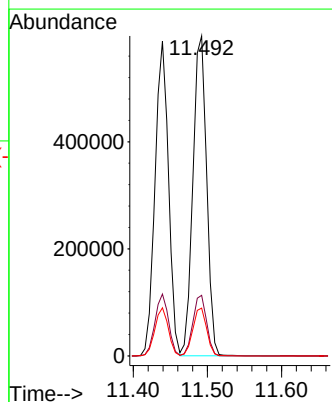
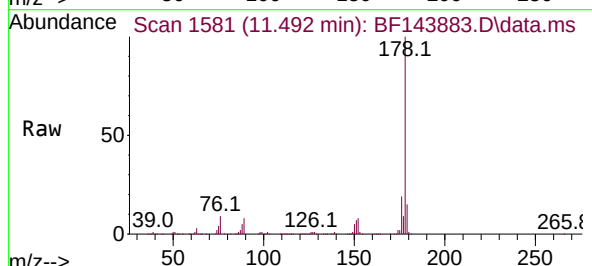
APPROVED

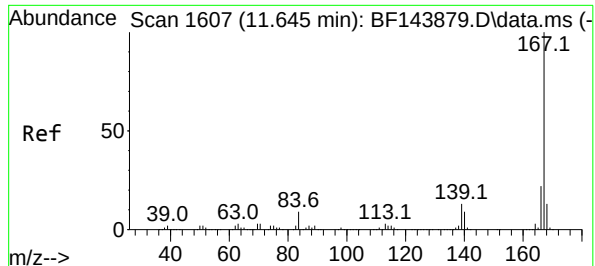
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 36.273 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

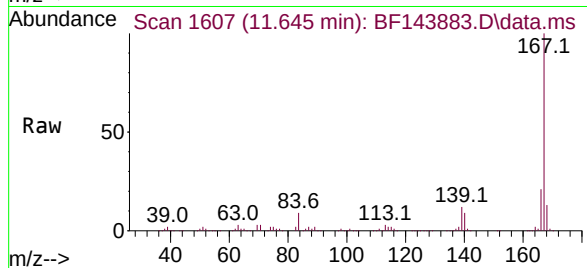
Tgt Ion:178 Resp: 766674  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 14.9 12.2 18.2





#73  
Carbazole  
Concen: 36.246 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

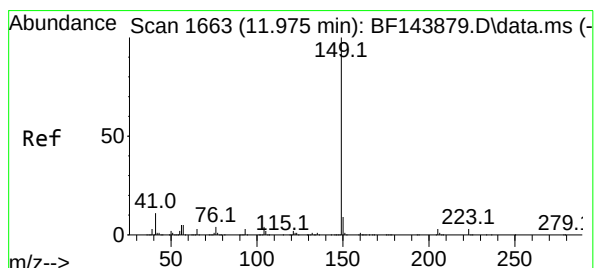
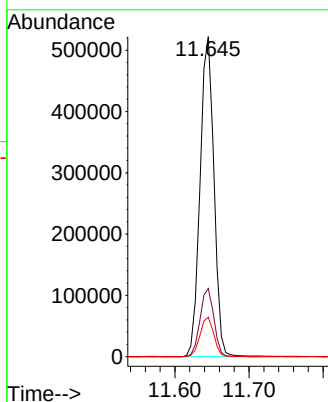
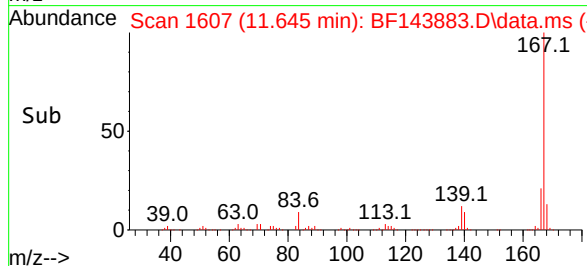
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



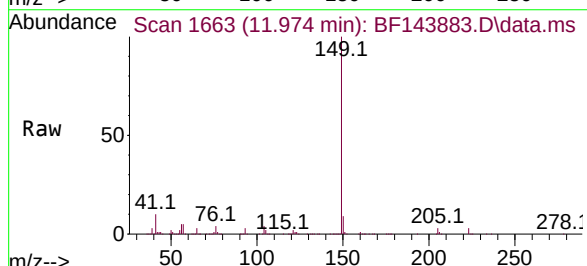
Tgt Ion:167 Resp: 678522  
Ion Ratio Lower Upper  
167 100  
166 21.3 17.2 25.8  
139 12.3 10.1 15.1

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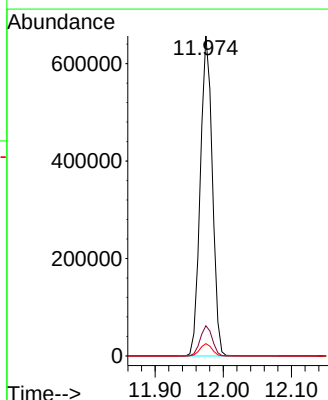
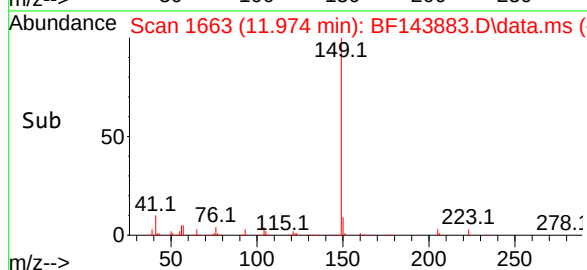
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

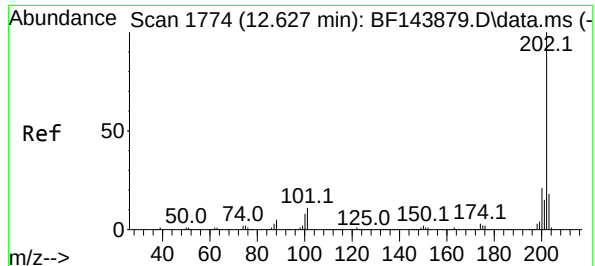


#74  
Di-n-butylphthalate  
Concen: 37.171 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



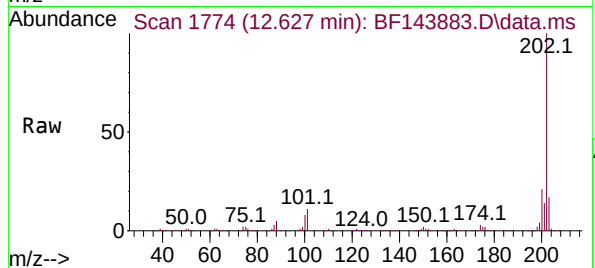
Tgt Ion:149 Resp: 806451  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.2  
104 3.9 3.4 5.2





#75  
Fluoranthene  
Concen: 36.019 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

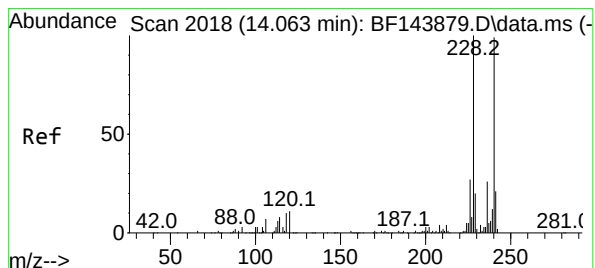
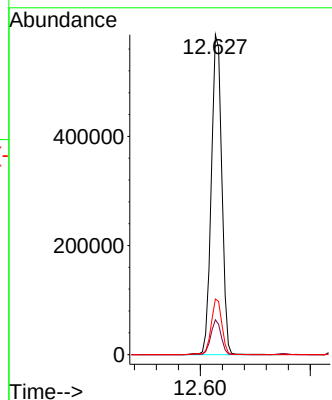
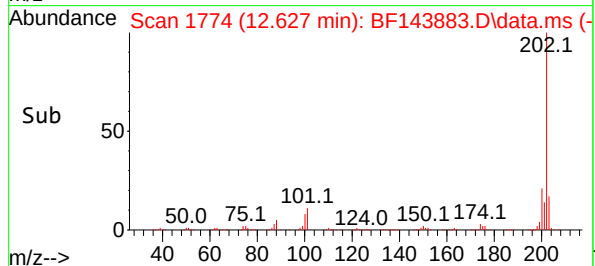
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:202 Resp: 778418  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 30.7  
203 17.4 0.0 37.8

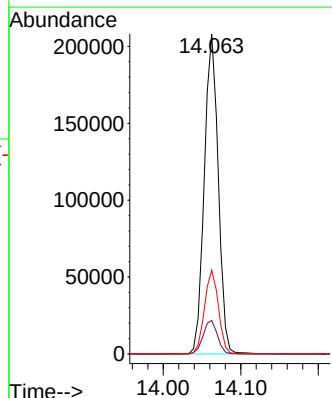
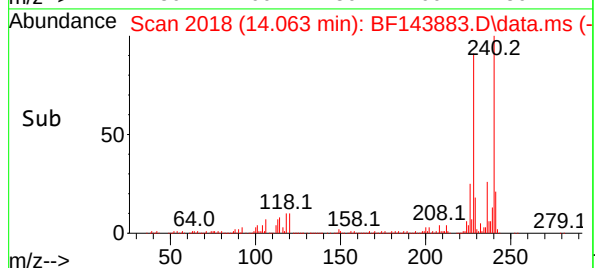
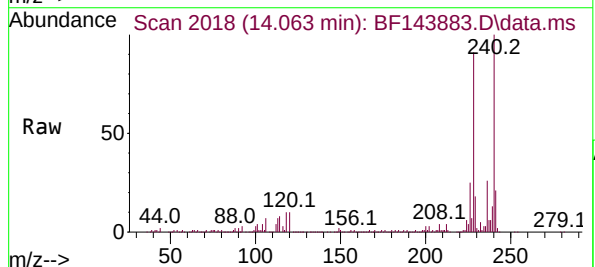
Manual Integrations  
APPROVED

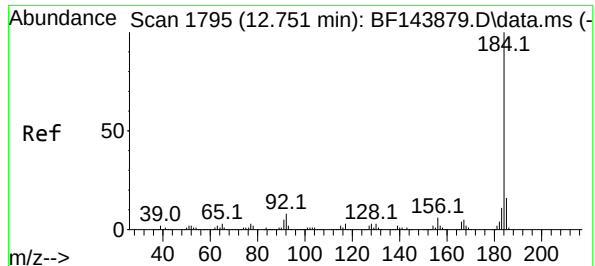
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:240 Resp: 259802  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.6 13.0  
236 26.2 21.1 31.7





#77

Benzidine

Concen: 45.411 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143883.D

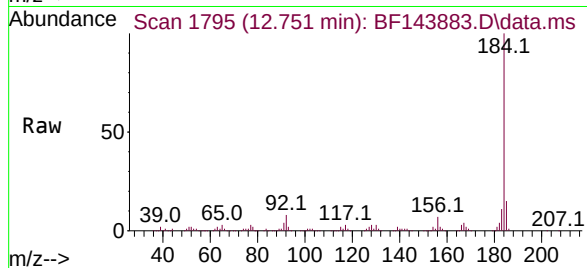
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



Tgt Ion:184 Resp: 409653

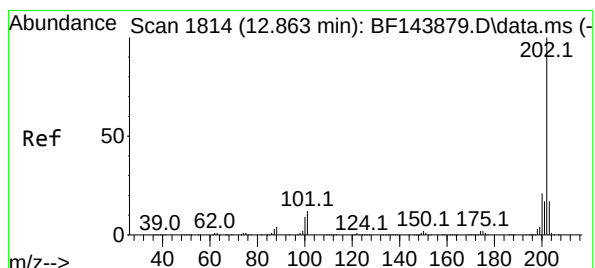
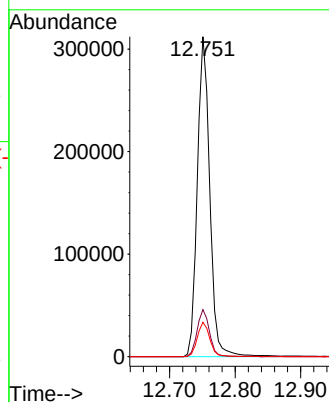
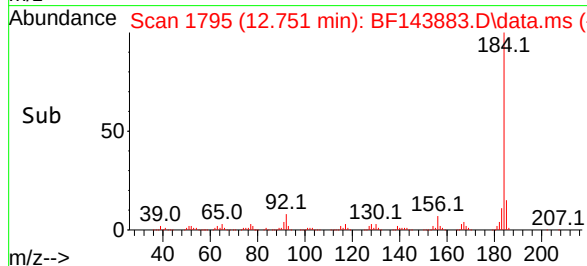
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.7  | 12.6  | 18.8  |
| 183 | 10.8  | 8.8   | 13.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

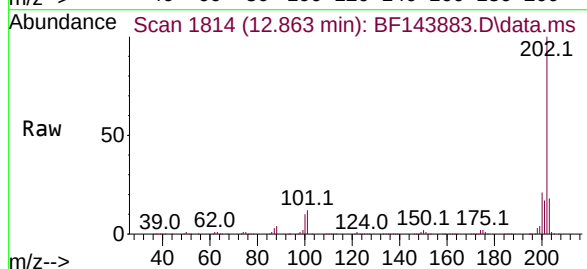
Concen: 36.431 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

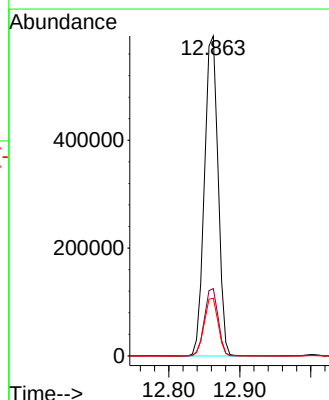
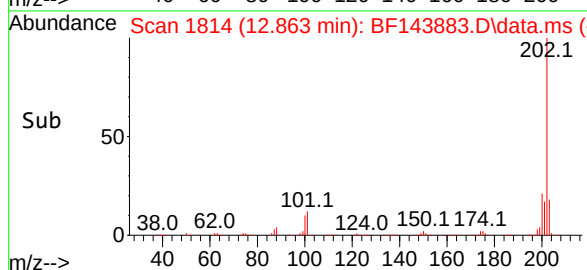
Lab File: BF143883.D

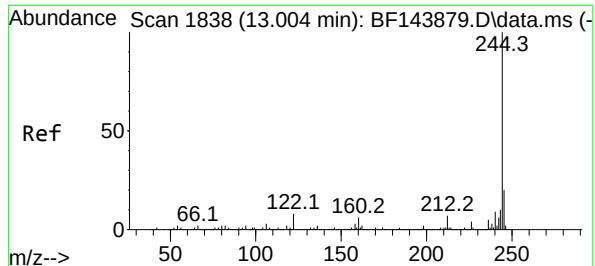
Acq: 06 Oct 2025 16:08



Tgt Ion:202 Resp: 789075

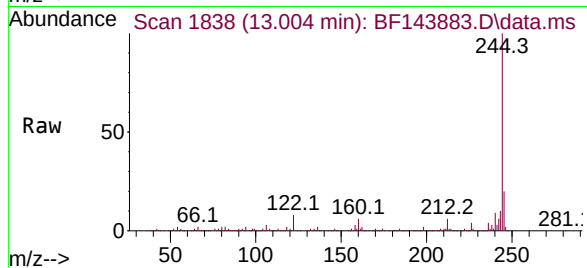
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.0  | 17.0  | 25.6  |
| 203 | 18.0  | 13.8  | 20.6  |





#79  
Terphenyl-d14  
Concen: 74.443 ng  
RT: 13.004 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

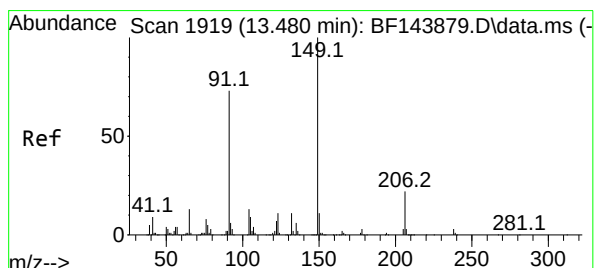
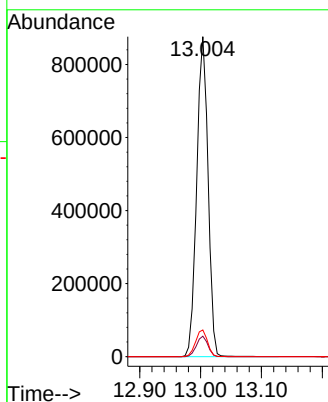
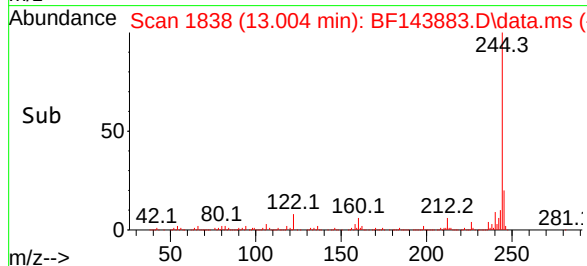
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:244 Resp: 1131636  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.4 8.0  
122 8.3 6.4 9.6

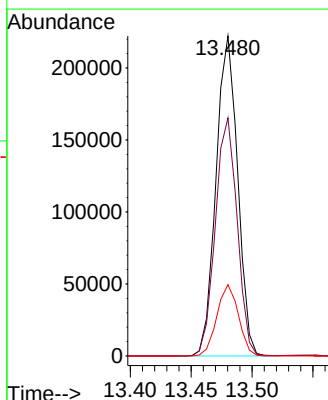
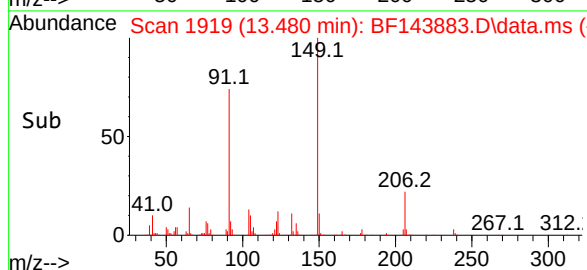
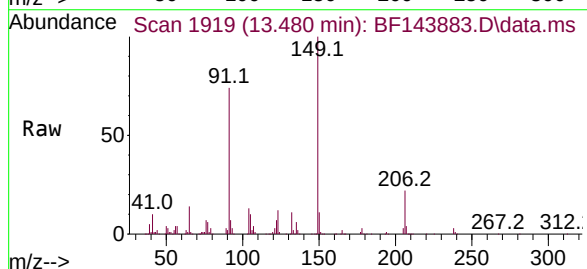
Manual Integrations  
APPROVED

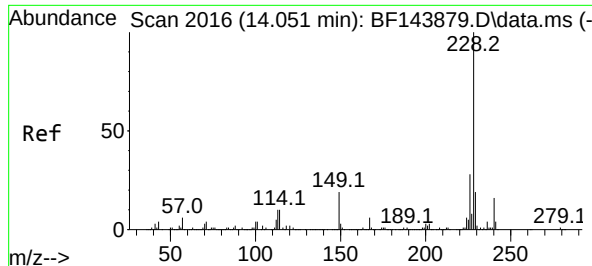
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#80  
Butylbenzylphthalate  
Concen: 38.986 ng  
RT: 13.480 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

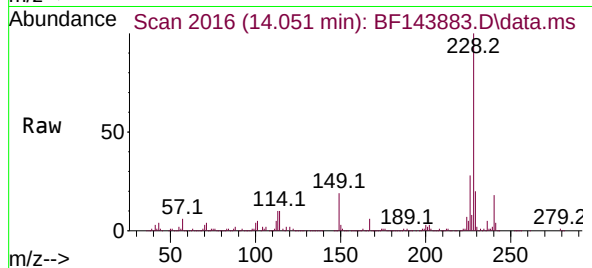
Tgt Ion:149 Resp: 274237  
Ion Ratio Lower Upper  
149 100  
91 74.4 58.2 87.2  
206 22.3 17.9 26.9





#81  
Benzo(a)anthracene  
Concen: 36.142 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

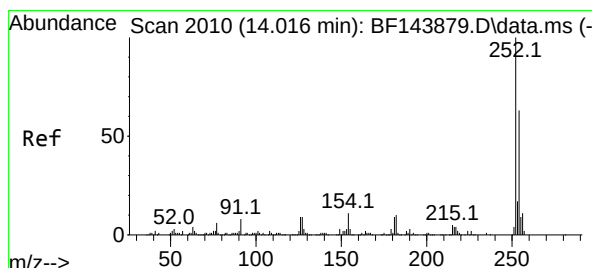
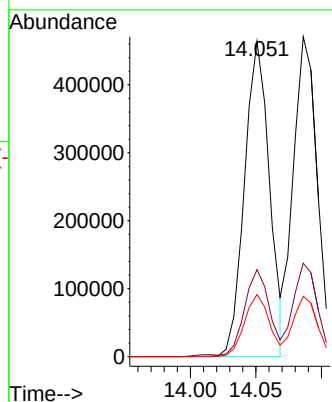
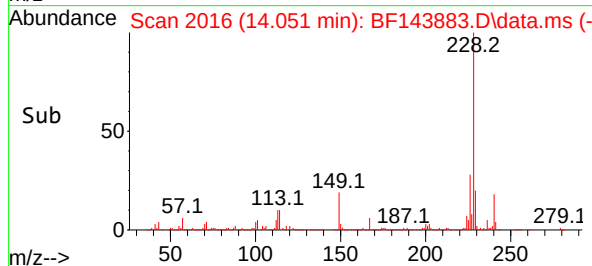
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



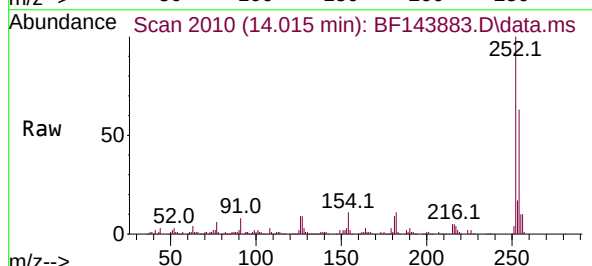
Tgt Ion:228 Resp: 614473  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.2 33.2  
229 19.7 15.6 23.4

Manual Integrations  
APPROVED

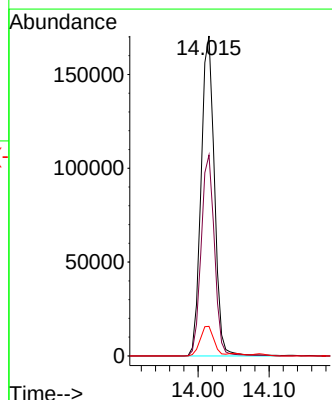
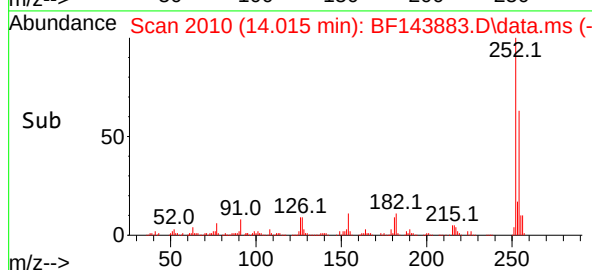
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

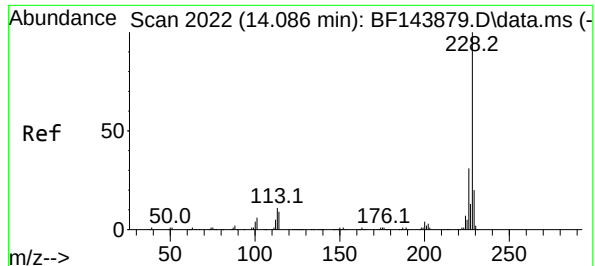


#82  
3,3'-Dichlorobenzidine  
Concen: 42.747 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:252 Resp: 221480  
Ion Ratio Lower Upper  
252 100  
254 62.8 50.6 76.0  
126 9.2 7.0 10.6





#83

Chrysene

Concen: 37.792 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:228 Resp: 594668

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

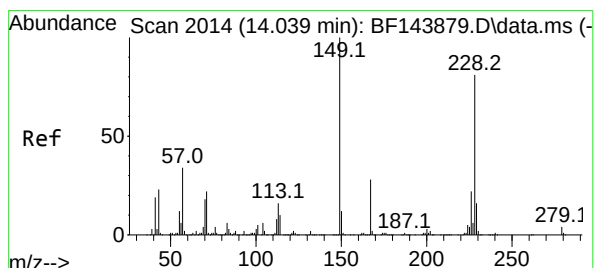
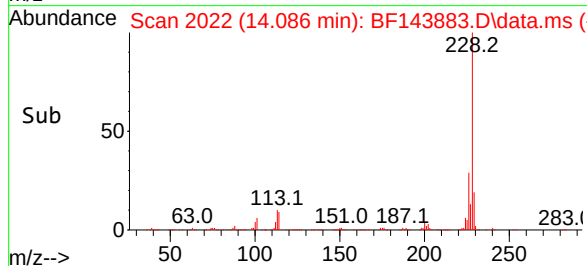
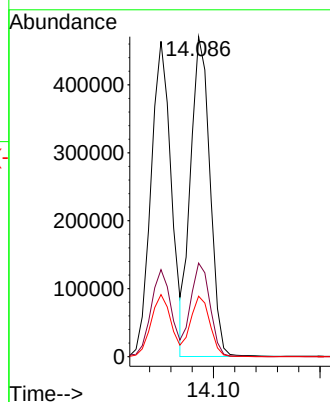
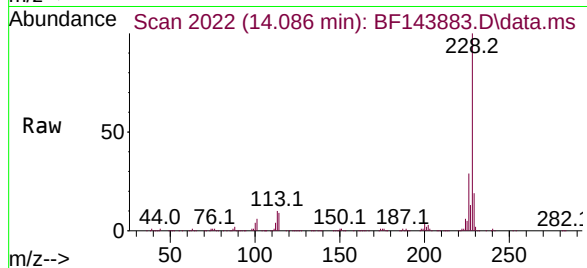
229 18.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.560 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

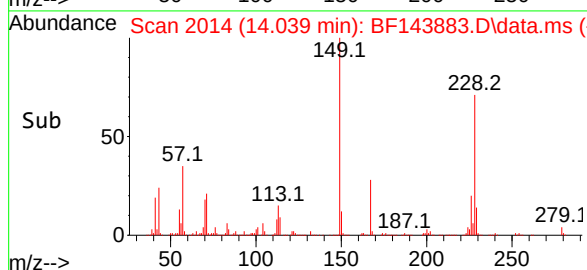
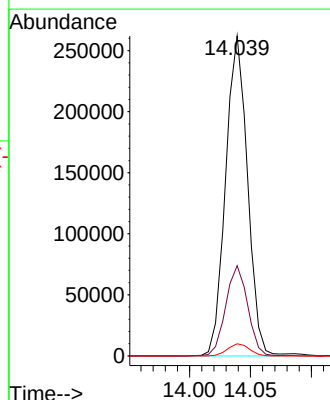
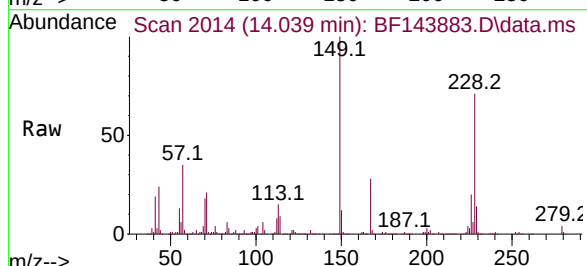
Tgt Ion:149 Resp: 326966

Ion Ratio Lower Upper

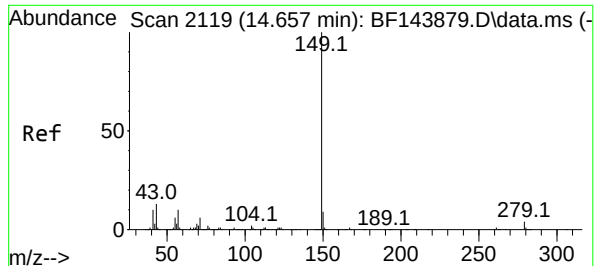
149 100

167 28.2 22.2 33.4

279 3.8 3.1 4.7

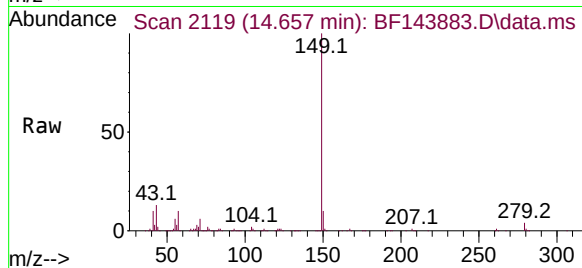






#85  
Di-n-octyl phthalate  
Concen: 36.116 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

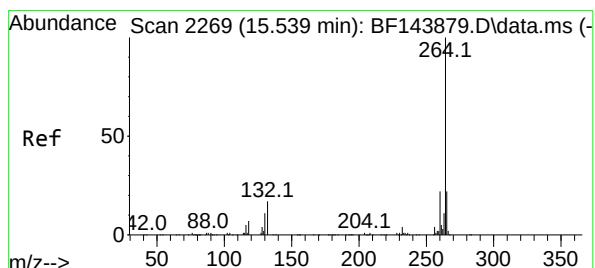
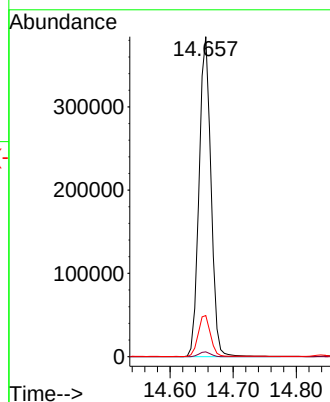
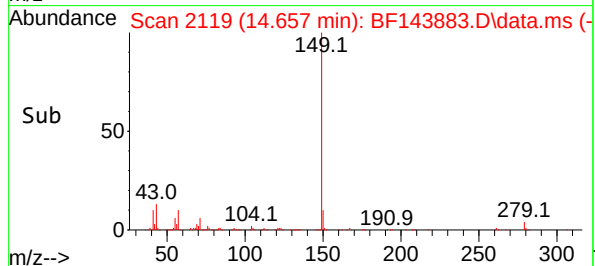
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:149 Resp: 502989  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 13.2 11.0 16.4

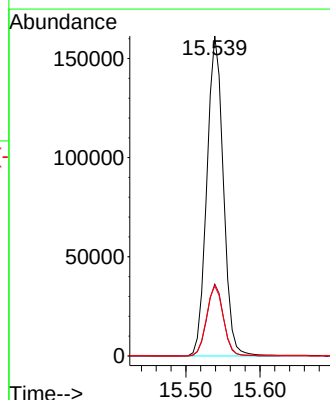
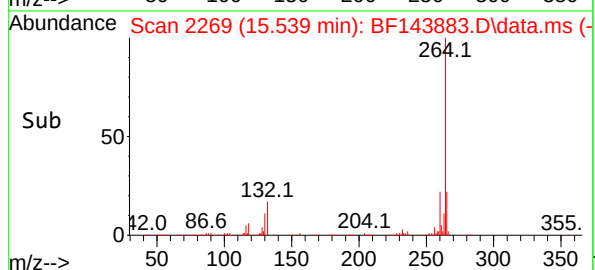
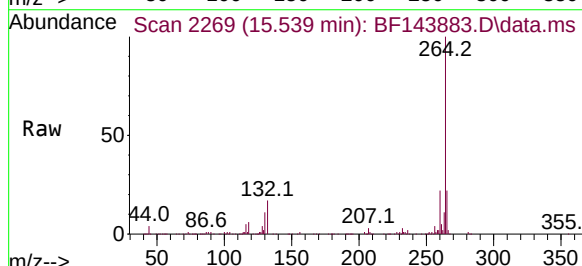
Manual Integrations  
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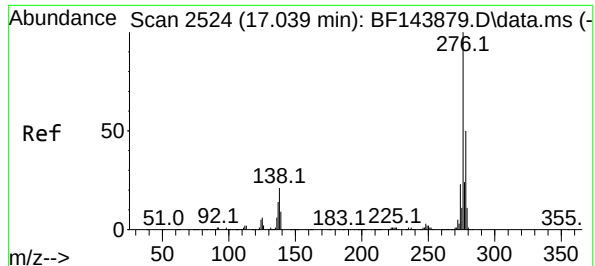
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

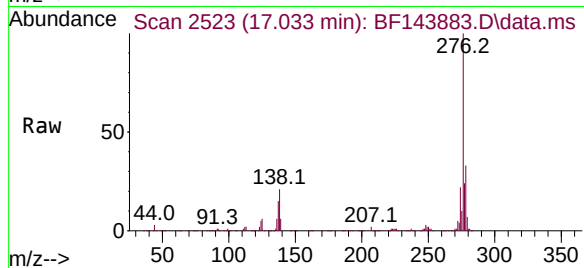
Tgt Ion:264 Resp: 249446  
Ion Ratio Lower Upper  
264 100  
260 22.4 17.8 26.8  
265 21.8 17.5 26.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.867 ng  
RT: 17.033 min Scan# 2195  
Delta R.T. -0.023 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

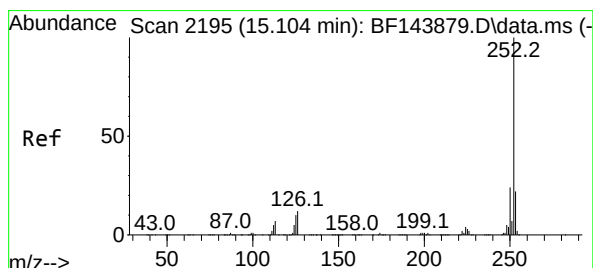
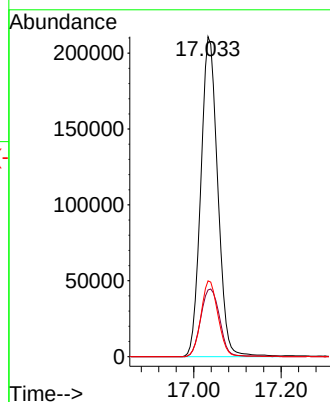
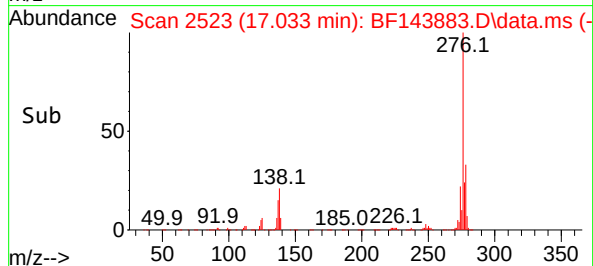
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:276 Resp: 563492  
Ion Ratio Lower Upper  
276 100  
138 23.7 18.2 27.2  
277 23.8 19.8 29.6

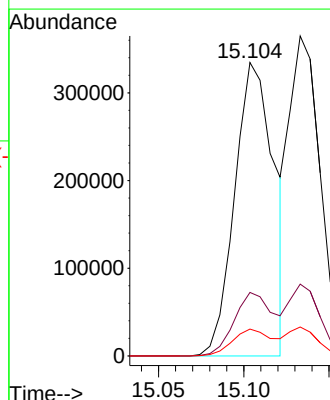
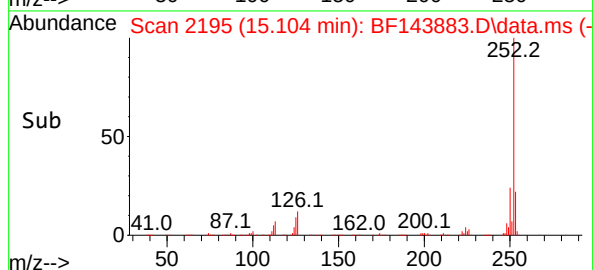
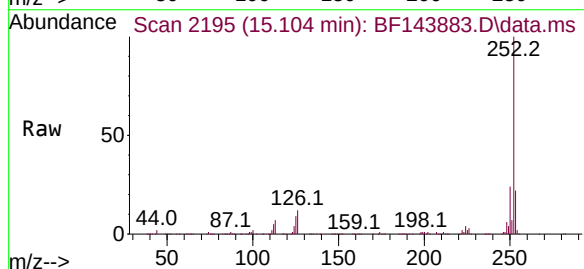
Manual Integrations  
APPROVED

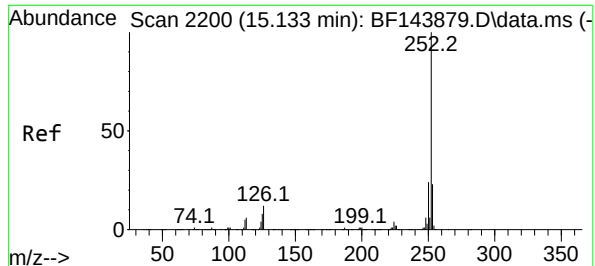
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 37.533 ng  
RT: 15.104 min Scan# 2195  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 537814  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.2  
125 9.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 35.252 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:252 Resp: 467396

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

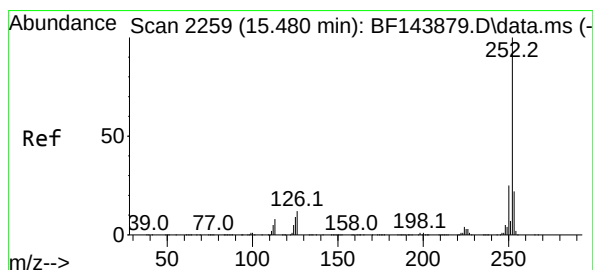
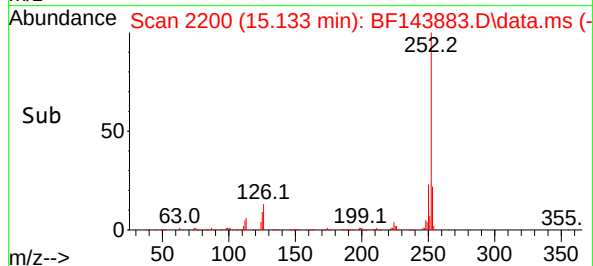
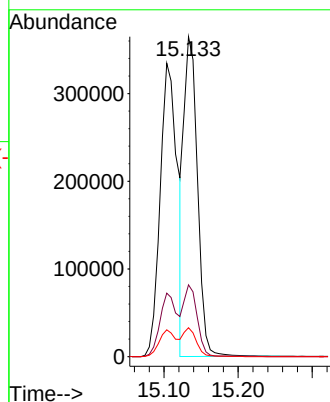
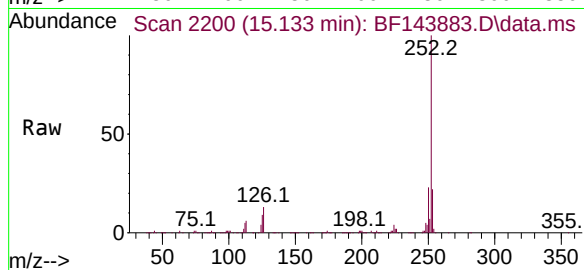
125 9.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 37.900 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

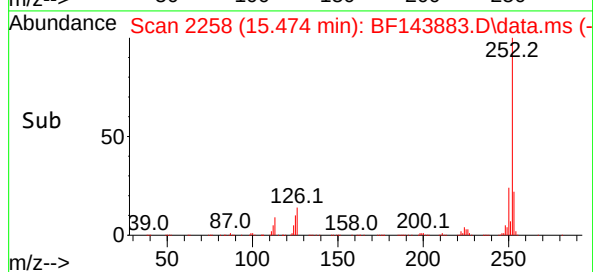
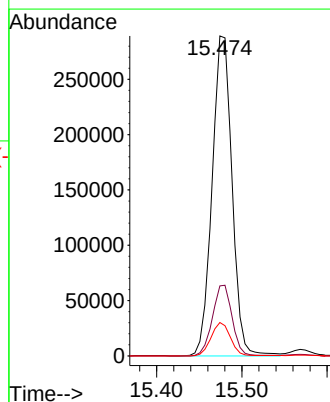
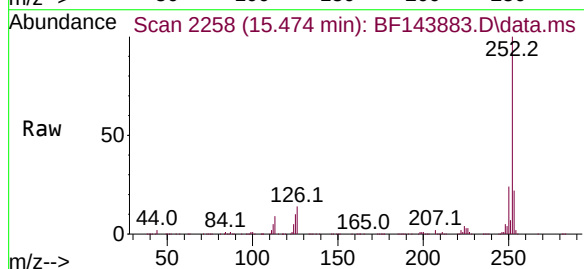
Tgt Ion:252 Resp: 470896

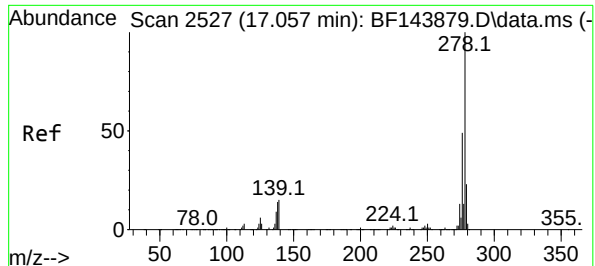
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

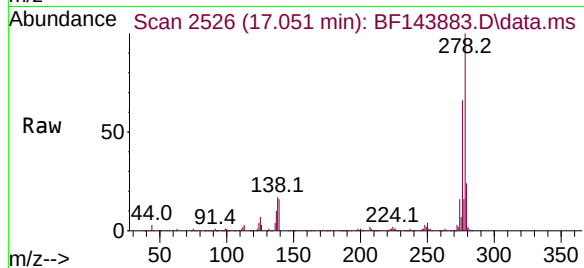
125 10.4 7.0 10.4





#91  
Dibenzo(a,h)anthracene  
Concen: 36.995 ng  
RT: 17.051 min Scan# 2527  
Delta R.T. -0.029 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

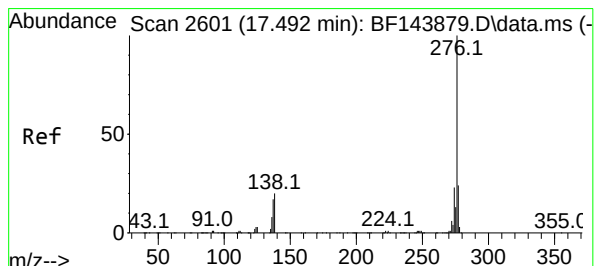
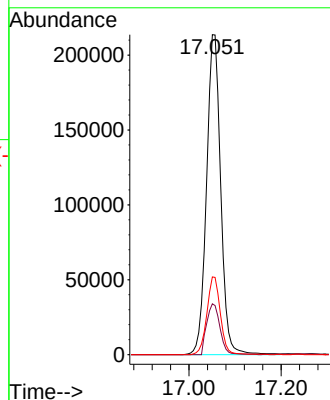
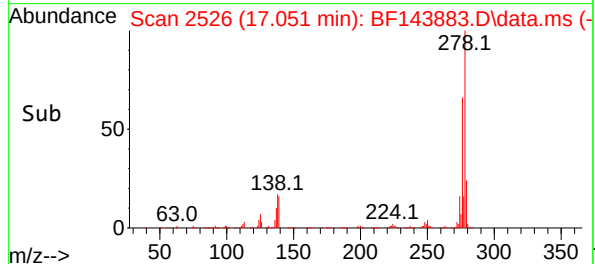
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:278 Resp: 454776  
Ion Ratio Lower Upper  
278 100  
139 15.9 11.7 17.5  
279 24.3 18.4 27.6

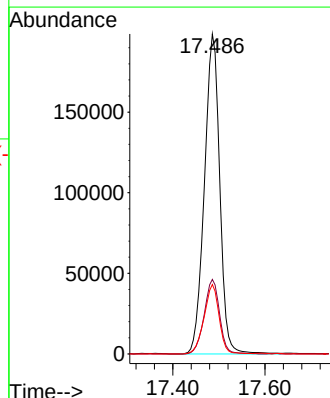
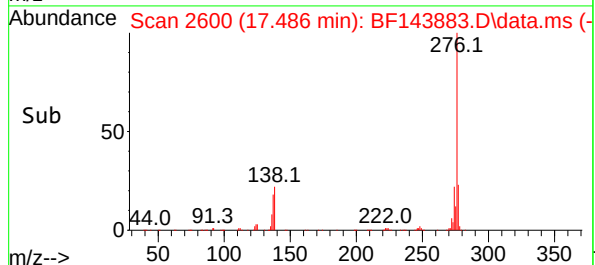
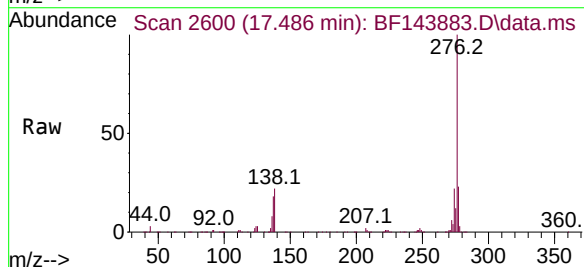
Manual Integrations  
APPROVED

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



#92  
Benzo(g,h,i)perylene  
Concen: 37.162 ng  
RT: 17.486 min Scan# 2600  
Delta R.T. -0.029 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:276 Resp: 456833  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.6  
138 21.7 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 92    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.583 | 0.543 | 6.9   | 82    | 0.00     |
| 3    | Pyridine                    | 1.697 | 1.496 | 11.8  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.893 | 0.858 | 3.9   | 87    | -0.03    |
| 5 S  | 2-Fluorophenol              | 1.259 | 1.179 | 6.4   | 83    | 0.00     |
| 6    | Aniline                     | 2.250 | 2.134 | 5.2   | 84    | 0.00     |
| 7 S  | Phenol-d6                   | 1.501 | 1.398 | 6.9   | 83    | -0.02    |
| 8    | 2-Chlorophenol              | 1.231 | 1.173 | 4.7   | 83    | 0.00     |
| 9    | Benzaldehyde                | 1.158 | 1.075 | 7.2   | 74    | 0.00     |
| 10 C | Phenol                      | 1.795 | 1.683 | 6.2   | 84    | -0.02    |
| 11   | bis(2-Chloroethyl)ether     | 1.386 | 1.267 | 8.6   | 81    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.474 | 1.394 | 5.4   | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.454 | 1.395 | 4.1   | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.392 | 1.380 | 0.9   | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 1.125 | 1.096 | 2.6   | 86    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.156 | 2.964 | 6.1   | 84    | 0.00     |
| 17   | 2-Methylphenol              | 1.017 | 0.976 | 4.0   | 85    | 0.00     |
| 18   | Hexachloroethane            | 0.485 | 0.458 | 5.6   | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.028 | 0.941 | 8.5   | 84    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.179 | 1.176 | 0.3   | 85    | -0.02    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 94    | 0.00     |
| 22   | Acetophenone                | 0.423 | 0.399 | 5.7   | 86    | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.329 | 0.306 | 7.0   | 83    | -0.01    |
| 24   | Nitrobenzene                | 0.366 | 0.345 | 5.7   | 82    | -0.01    |
| 25   | Isophorone                  | 0.694 | 0.613 | 11.7  | 81    | -0.02    |
| 26 C | 2-Nitrophenol               | 0.157 | 0.152 | 3.2   | 82    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.288 | -2.1  | 91    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 0.438 | 0.402 | 8.2   | 85    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.294 | 0.271 | 7.8   | 83    | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 0.289 | 0.271 | 6.2   | 85    | 0.00     |
| 31   | Naphthalene                 | 0.910 | 0.834 | 8.4   | 84    | 0.00     |
| 32   | Benzoic acid                | 0.195 | 0.172 | 11.8  | 80    | -0.06    |
| 33   | 4-Chloroaniline             | 0.341 | 0.358 | -5.0  | 94    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.201 | 0.177 | 11.9  | 80    | 0.00     |
| 35   | Caprolactam                 | 0.093 | 0.088 | 5.4   | 86    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 0.282 | 0.254 | 9.9   | 83    | -0.01    |
| 37   | 2-Methylnaphthalene         | 0.606 | 0.504 | 16.8  | 76    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.588 | 0.518 | 11.9  | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.553 | 0.513 | 7.2   | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.229 | 0.281 | -22.7 | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.199 | 0.178 | 10.6  | 82    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.404 | 0.371 | 8.2   | 79    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 0.427 | 0.376 | 11.9  | 78    | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 1.260 | 1.065 | 15.5  | 83    | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.324 | 1.217 | 8.1   | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.104 | 1.006 | 8.9   | 84    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.349 | 0.339 | 2.9   | 83    | 0.00     |
| 49   | Acenaphthylene             | 1.552 | 1.585 | -2.1  | 93    | 0.00     |
| 50   | Dimethylphthalate          | 1.270 | 1.142 | 10.1  | 84    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.236 | 0.247 | -4.7  | 90    | -0.01    |
| 52 C | Acenaphthene               | 1.017 | 0.913 | 10.2  | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.292 | -1.4  | 91    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.118 | 0.107 | 9.3   | 85    | -0.01    |
| 55   | Dibenzofuran               | 1.436 | 1.318 | 8.2   | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.218 | 0.201 | 7.8   | 82    | -0.02    |
| 57   | 2,4-Dinitrotoluene         | 0.320 | 0.330 | -3.1  | 86    | -0.01    |
| 58   | Fluorene                   | 1.083 | 0.962 | 11.2  | 84    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.291 | 3.6   | 85    | -0.05    |
| 60   | Diethylphthalate           | 1.180 | 1.077 | 8.7   | 84    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.573 | 0.517 | 9.8   | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 0.277 | 0.257 | 7.2   | 84    | -0.02    |
| 63   | Azobenzene                 | 1.233 | 1.136 | 7.9   | 85    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.101 | 0.093 | 7.9   | 82    | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 0.628 | 0.575 | 8.4   | 85    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.221 | 0.188 | 14.9  | 79    | 0.00     |
| 68   | Hexachlorobenzene          | 0.256 | 0.220 | 14.1  | 80    | 0.00     |
| 69   | Atrazine                   | 0.190 | 0.186 | 2.1   | 93    | -0.01    |
| 70 C | Pentachlorophenol          | 0.147 | 0.122 | 17.0  | 75    | 0.00     |
| 71   | Phenanthrene               | 0.970 | 0.862 | 11.1  | 86    | 0.00     |
| 72   | Anthracene                 | 0.980 | 0.888 | 9.4   | 84    | 0.00     |
| 73   | Carbazole                  | 0.868 | 0.786 | 9.4   | 86    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.005 | 0.934 | 7.1   | 86    | 0.00     |
| 75 C | Fluoranthene               | 1.002 | 0.902 | 10.0  | 85    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 77   | Benzydine                  | 0.694 | 0.788 | -13.5 | 106   | 0.00     |
| 78   | Pyrene                     | 1.667 | 1.519 | 8.9   | 83    | 0.00     |
| 79 S | Terphenyl-d14              | 1.170 | 1.089 | 6.9   | 87    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.542 | 0.528 | 2.6   | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.309 | 1.183 | 9.6   | 86    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.399 | 0.426 | -6.8  | 99    | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.144 | 5.5   | 90    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.653 | 0.629 | 3.7   | 87    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.072 | 0.968 | 9.7   | 83    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.225 | 1.129 | 7.8   | 81    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.149 | 1.078 | 6.2   | 84    | -0.01    |
| 89   | Benzo(k)fluoranthene       | 1.063 | 0.937 | 11.9  | 84    | -0.01    |
| 90 C | Benzo(a)pyrene             | 0.996 | 0.944 | 5.2   | 85    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 0.986 | 0.912 | 7.5   | 80    | -0.03    |
| 92   | Benzo(g,h,i)perylene       | 0.986 | 0.916 | 7.1   | 81    | -0.03    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143883.D  
Acq On : 06 Oct 2025 16:08  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0   | 92    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.256 | 6.9   | 82    | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.261 | 11.8  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.456 | 3.9   | 87    | -0.03    |
| 5 S  | 2-Fluorophenol              | 80.000 | 74.908 | 6.4   | 83    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.937 | 5.2   | 84    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 74.487 | 6.9   | 83    | -0.02    |
| 8    | 2-Chlorophenol              | 40.000 | 38.116 | 4.7   | 83    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.141 | 7.1   | 74    | 0.00     |
| 10 C | Phenol                      | 40.000 | 37.501 | 6.2   | 84    | -0.02    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.561 | 8.6   | 81    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.828 | 5.4   | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.392 | 4.0   | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.655 | 0.9   | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.974 | 2.6   | 86    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.568 | 6.1   | 84    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.352 | 4.1   | 85    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.755 | 5.6   | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.612 | 8.5   | 84    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 39.880 | 0.3   | 85    | -0.02    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 94    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.713 | 5.7   | 86    | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 74.330 | 7.1   | 83    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 37.727 | 5.7   | 82    | -0.01    |
| 25   | Isophorone                  | 40.000 | 35.347 | 11.6  | 81    | -0.02    |
| 26 C | 2-Nitrophenol               | 40.000 | 38.717 | 3.2   | 82    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.847 | -2.1  | 91    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 36.639 | 8.4   | 85    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 36.899 | 7.8   | 83    | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.503 | 6.2   | 85    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.679 | 8.3   | 84    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 35.162 | 12.1  | 80    | -0.06    |
| 33   | 4-Chloroaniline             | 40.000 | 41.950 | -4.9  | 94    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 35.201 | 12.0  | 80    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.736 | 5.7   | 86    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.079 | 9.8   | 83    | -0.01    |
| 37   | 2-Methylnaphthalene         | 40.000 | 33.257 | 16.9  | 76    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 35.269 | 11.8  | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 95    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.122 | 7.2   | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 48.984 | -22.5 | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 71.685 | 10.4  | 82    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 36.726 | 8.2   | 79    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 35.194 | 12.0  | 78    | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 67.621 | 15.5  | 83    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.770 | 8.1   | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.454 | 8.9   | 84    | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 38.894 | 2.8   | 83    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.859 | -2.1  | 93    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 35.968 | 10.1  | 84    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.967 | -4.9  | 90    | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 35.913 | 10.2  | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.493 | -1.2  | 91    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 33.731 | 15.7  | 85    | -0.01    |
| 55   | Dibenzofuran               | 40.000 | 36.717 | 8.2   | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.850 | 7.9   | 82    | -0.02    |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.169 | -2.9  | 86    | -0.01    |
| 58   | Fluorene                   | 40.000 | 35.527 | 11.2  | 84    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.488 | 3.8   | 85    | -0.05    |
| 60   | Diethylphthalate           | 40.000 | 36.501 | 8.7   | 84    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.113 | 9.7   | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.074 | 7.3   | 84    | -0.02    |
| 63   | Azobenzene                 | 40.000 | 36.837 | 7.9   | 85    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.083 | 7.3   | 82    | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.649 | 8.4   | 85    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 33.973 | 15.1  | 79    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 34.415 | 14.0  | 80    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.016 | 2.5   | 93    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 33.097 | 17.3  | 75    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 35.542 | 11.1  | 86    | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.273 | 9.3   | 84    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.246 | 9.4   | 86    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.171 | 7.1   | 86    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.019 | 10.0  | 85    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 102   | 0.00     |
| 77   | Benzydine                  | 40.000 | 45.411 | -13.5 | 106   | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.431 | 8.9   | 83    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 74.443 | 6.9   | 87    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 38.986 | 2.5   | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 36.142 | 9.6   | 86    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.747 | -6.9  | 99    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.792 | 5.5   | 90    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 38.560 | 3.6   | 87    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 36.116 | 9.7   | 83    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 36.867 | 7.8   | 81    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.533 | 6.2   | 84    | -0.01    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 35.252 | 11.9  | 84    | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 37.900 | 5.3   | 85    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.995 | 7.5   | 80    | -0.03    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 37.162 | 7.1   | 81    | -0.03    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143883.D  
Acq On : 06 Oct 2025 16:08  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA\_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

| LAB FILE ID:                |        | RRF2.5 = BF144056.D |        |        | RRF005 = BF144057.D |        | RRF010 = BF144058.D |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                             |        | RRF020 = BF144059.D |        |        | RRF040 = BF144060.D |        | RRF050 = BF144061.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorophenol              |        | 1.324               | 1.322  | 1.328  | 1.303               | 1.163  | 1.264               | 7.8   |
| Benzaldehyde                |        |                     | 1.093  | 0.965  | 1.043               | 0.959  | 1.084               | 15.3  |
| Phenol-d6                   |        | 1.548               | 1.443  | 1.481  | 1.408               | 1.289  | 1.396               | 8.6   |
| Phenol                      |        | 1.896               | 1.860  | 1.820  | 1.736               | 1.575  | 1.722               | 9.4   |
| bis(2-Chloroethyl)ether     |        | 1.406               | 1.278  | 1.285  | 1.248               | 1.128  | 1.245               | 8.7   |
| 2-Chlorophenol              |        | 1.398               | 1.310  | 1.306  | 1.251               | 1.124  | 1.245               | 9.2   |
| 2-Methylphenol              |        | 1.052               | 1.010  | 1.032  | 0.931               | 0.874  | 0.957               | 8.9   |
| 2,2-oxybis(1-Chloropropane) |        | 2.561               | 2.432  | 2.505  | 2.376               | 2.149  | 2.339               | 8.1   |
| Acetophenone                |        | 0.473               | 0.459  | 0.433  | 0.437               | 0.397  | 0.432               | 8.4   |
| 3+4-Methylphenols           |        |                     | 1.270  | 1.190  | 1.167               | 1.036  | 1.132               | 9.7   |
| n-Nitroso-di-n-propylamine  | 0.900  | 0.971               | 0.972  | 0.949  | 0.876               | 0.801  | 0.903               | 7.6   |
| Nitrobenzene-d5             |        | 0.377               | 0.378  | 0.374  | 0.368               | 0.335  | 0.365               | 6.5   |
| Hexachloroethane            |        | 0.553               | 0.544  | 0.569  | 0.544               | 0.506  | 0.541               | 7.2   |
| Nitrobenzene                |        | 0.395               | 0.384  | 0.404  | 0.392               | 0.360  | 0.386               | 6.0   |
| Isophorone                  |        | 0.665               | 0.662  | 0.645  | 0.643               | 0.584  | 0.638               | 6.3   |
| 2-Nitrophenol               |        | 0.190               | 0.184  | 0.196  | 0.191               | 0.167  | 0.184               | 7.0   |
| 2,4-Dimethylphenol          |        | 0.289               | 0.279  | 0.262  | 0.287               | 0.254  | 0.273               | 6.7   |
| bis(2-Chloroethoxy)methane  |        | 0.430               | 0.408  | 0.413  | 0.404               | 0.365  | 0.398               | 7.2   |
| 2,4-Dichlorophenol          |        | 0.334               | 0.345  | 0.325  | 0.323               | 0.293  | 0.317               | 7.8   |
| Naphthalene                 |        | 1.054               | 1.002  | 0.962  | 0.965               | 0.852  | 0.944               | 9.7   |
| 4-Chloroaniline             |        | 0.332               | 0.356  | 0.349  | 0.336               | 0.298  | 0.329               | 8.1   |
| Hexachlorobutadiene         |        | 0.279               | 0.276  | 0.274  | 0.270               | 0.241  | 0.267               | 8.2   |
| Caprolactam                 |        |                     | 0.078  | 0.082  | 0.085               | 0.072  | 0.080               | 7.0   |
| 4-Chloro-3-methylphenol     |        | 0.302               | 0.289  | 0.285  | 0.282               | 0.257  | 0.280               | 7.0   |
| 2-Methylnaphthalene         |        | 0.718               | 0.654  | 0.631  | 0.644               | 0.549  | 0.622               | 10.6  |
| Hexachlorocyclopentadiene   |        |                     | 0.148  | 0.208  | 0.218               | 0.205  | 0.212               | 18.9  |
| 2,4,6-Trichlorophenol       |        | 0.430               | 0.447  | 0.480  | 0.473               | 0.427  | 0.447               | 8.0   |
| 2-Fluorobiphenyl            |        | 1.654               | 1.503  | 1.411  | 1.451               | 1.291  | 1.421               | 11.0  |
| 2,4,5-Trichlorophenol       |        | 0.488               | 0.485  | 0.484  | 0.467               | 0.427  | 0.469               | 7.2   |
| 1,1-Biphenyl                |        | 1.613               | 1.533  | 1.441  | 1.472               | 1.317  | 1.432               | 10.1  |
| 2-Chloronaphthalene         |        | 1.336               | 1.264  | 1.233  | 1.222               | 1.101  | 1.199               | 9.7   |
| 2-Nitroaniline              |        | 0.325               | 0.359  | 0.368  | 0.380               | 0.333  | 0.356               | 8.0   |
| Dimethylphthalate           |        | 1.398               | 1.328  | 1.332  | 1.366               | 1.219  | 1.311               | 7.1   |
| Acenaphthylene              |        | 1.780               | 1.693  | 1.664  | 1.703               | 1.476  | 1.617               | 9.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA\_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

|                              |        |                     |        |        |                     |        |                     |       |
|------------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                 |        | RRF2.5 = BF144056.D |        |        | RRF005 = BF144057.D |        | RRF010 = BF144058.D |       |
|                              |        | RRF020 = BF144059.D |        |        | RRF040 = BF144060.D |        | RRF050 = BF144061.D |       |
| COMPOUND                     | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2,6-Dinitrotoluene           |        | 0.228               | 0.257  | 0.275  | 0.276               | 0.252  | 0.259               | 8.3   |
| 3-Nitroaniline               |        | 0.276               | 0.294  | 0.293  | 0.322               | 0.281  | 0.288               | 7.8   |
| Acenaphthene                 |        | 1.125               | 1.153  | 1.134  | 1.114               | 0.999  | 1.080               | 8.2   |
| 2,4-Dinitrophenol            |        |                     | 0.161  | 0.162  | 0.124               | 0.116  | 0.140               | 13.4  |
| 4-Nitrophenol                |        |                     | 0.224  | 0.199  | 0.187               | 0.175  | 0.195               | 8.9   |
| Dibenzofuran                 |        | 1.685               | 1.572  | 1.512  | 1.559               | 1.391  | 1.499               | 9.5   |
| 2,4-Dinitrotoluene           |        | 0.302               | 0.343  | 0.370  | 0.385               | 0.336  | 0.350               | 9.4   |
| Diethylphthalate             |        | 1.286               | 1.264  | 1.244  | 1.290               | 1.145  | 1.233               | 7.0   |
| 4-Chlorophenyl-phenylether   |        | 0.706               | 0.667  | 0.656  | 0.675               | 0.591  | 0.643               | 9.5   |
| Fluorene                     |        | 1.359               | 1.169  | 1.133  | 1.188               | 1.041  | 1.143               | 11.3  |
| 4-Nitroaniline               |        | 0.262               | 0.266  | 0.275  | 0.296               | 0.260  | 0.273               | 6.7   |
| 4,6-Dinitro-2-methylphenol   |        |                     | 0.133  | 0.151  | 0.123               | 0.115  | 0.128               | 10.6  |
| n-Nitrosodiphenylamine       |        | 0.716               | 0.666  | 0.657  | 0.643               | 0.590  | 0.639               | 8.8   |
| 2,4,6-Tribromophenol         |        | 0.251               | 0.249  | 0.256  | 0.262               | 0.241  | 0.255               | 6.8   |
| 4-Bromophenyl-phenylether    |        | 0.274               | 0.256  | 0.247  | 0.260               | 0.230  | 0.250               | 8.5   |
| Hexachlorobenzene            |        | 0.311               | 0.338  | 0.309  | 0.321               | 0.275  | 0.307               | 8.6   |
| Atrazine                     |        | 0.229               | 0.223  | 0.218  | 0.208               | 0.185  | 0.210               | 11.5  |
| Pentachlorophenol            |        |                     | 0.123  | 0.149  | 0.150               | 0.143  | 0.146               | 9.9   |
| Phenanthrene                 |        | 1.073               | 1.040  | 1.009  | 1.017               | 0.918  | 0.994               | 7.9   |
| Anthracene                   |        | 1.171               | 1.077  | 1.029  | 1.053               | 0.932  | 1.026               | 10.0  |
| Carbazole                    |        | 0.943               | 0.920  | 0.883  | 0.905               | 0.818  | 0.874               | 8.2   |
| Di-n-butylphthalate          |        | 1.090               | 1.091  | 1.116  | 1.118               | 1.002  | 1.071               | 6.6   |
| Fluoranthene                 |        | 1.171               | 1.151  | 1.121  | 1.123               | 0.997  | 1.098               | 7.9   |
| Pyrene                       |        | 1.603               | 1.466  | 1.426  | 1.521               | 1.295  | 1.438               | 9.1   |
| Terphenyl-d14                |        | 1.280               | 1.134  | 1.121  | 1.212               | 1.002  | 1.144               | 9.4   |
| Butylbenzylphthalate         |        | 0.508               | 0.542  | 0.566  | 0.601               | 0.494  | 0.544               | 8.2   |
| 3,3-Dichlorobenzidine        |        |                     | 0.469  | 0.485  | 0.510               | 0.404  | 0.470               | 10.2  |
| Benzo (a) anthracene         |        | 1.341               | 1.322  | 1.359  | 1.516               | 1.206  | 1.352               | 8.8   |
| Chrysene                     |        | 1.330               | 1.263  | 1.253  | 1.319               | 1.179  | 1.268               | 5.9   |
| Bis (2-ethylhexyl) phthalate |        | 0.745               | 0.725  | 0.761  | 0.795               | 0.690  | 0.743               | 7.0   |
| Di-n-octyl phthalate         |        |                     | 1.228  | 1.295  | 1.399               | 1.179  | 1.277               | 7.6   |
| Benzo (b) fluoranthene       |        | 1.134               | 1.108  | 1.153  | 1.264               | 1.055  | 1.131               | 6.4   |
| Benzo (k) fluoranthene       |        | 1.206               | 1.077  | 1.010  | 1.059               | 0.906  | 1.043               | 11.4  |
| Benzo (a) pyrene             |        | 1.049               | 0.990  | 1.036  | 1.089               | 0.942  | 1.014               | 6.9   |
| Indeno (1,2,3-cd) pyrene     |        | 1.351               | 1.331  | 1.394  | 1.477               | 1.295  | 1.373               | 6.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA\_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

| LAB FILE ID:               |        | RRF2.5 = BF144056.D |        | RRF005 = BF144057.D |        | RRF010 = BF144058.D |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                            |        | RRF020 = BF144059.D |        | RRF040 = BF144060.D |        | RRF050 = BF144061.D |       |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020              | RRF040 | RRF050              | RRF   | % RSD |
| Dibenzo(a,h)anthracene     |        | 1.058               | 1.061  | 1.107               | 1.166  | 1.024               | 1.087 | 6.7   |
| Benzo(g,h,i)perylene       |        | 1.051               | 1.051  | 1.124               | 1.195  | 1.023               | 1.093 | 7.1   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.777               | 0.707  | 0.693               | 0.707  | 0.629               | 0.687 | 9.2   |
| 1,4-Dioxane                |        | 0.723               | 0.494  | 0.485               | 0.550  | 0.519               | 0.546 | 15.6  |
| 2,3,4,6-Tetrachlorophenol  |        | 0.317               | 0.318  | 0.333               | 0.360  | 0.322               | 0.330 | 7.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF102425.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Fri Oct 24 17:30:25 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BF144056.D 5 =BF144057.D 10 =BF144058.D 20 =BF144059.D 40 =BF144060.D 50 =BF144061.D 60 =BF144064.D 80 =BF144063.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 2)    | 1,4-Dioxane           | 0.723          | 0.494 | 0.485 | 0.550 | 0.519 | 0.572 | 0.481 | 0.546 | 15.58 |      |
| 3)    | Pyridine              | 1.395          | 1.384 | 1.530 | 1.527 | 1.427 | 1.604 | 1.370 | 1.462 | 6.19  |      |
| 4)    | n-Nitrosodimet...     |                | 0.805 | 0.963 | 0.912 | 0.835 | 1.017 | 0.860 | 0.899 | 8.98  |      |
| 5) S  | 2-Fluorophenol        | 1.324          | 1.322 | 1.328 | 1.303 | 1.163 | 1.322 | 1.087 | 1.264 | 7.76  |      |
| 6)    | Aniline               | 2.173          | 2.152 | 2.106 | 2.016 | 1.809 | 2.050 | 1.675 | 1.997 | 9.36  |      |
| 7) S  | Phenol-d6             | 1.548          | 1.443 | 1.481 | 1.408 | 1.289 | 1.412 | 1.193 | 1.396 | 8.56  |      |
| 8)    | 2-Chlorophenol        | 1.398          | 1.310 | 1.306 | 1.251 | 1.124 | 1.258 | 1.067 | 1.245 | 9.17  |      |
| 9)    | Benzaldehyde          |                | 1.093 | 0.965 | 1.043 | 0.959 | 1.406 | 1.039 | 1.084 | 15.28 |      |
| 10) C | Phenol                | 1.896          | 1.860 | 1.820 | 1.736 | 1.575 | 1.725 | 1.445 | 1.722 | 9.41  |      |
| 11)   | bis(2-Chloroet...     | 1.406          | 1.278 | 1.285 | 1.248 | 1.128 | 1.285 | 1.082 | 1.245 | 8.72  |      |
| 12)   | 1,3-Dichlorobe...     | 1.681          | 1.582 | 1.640 | 1.565 | 1.415 | 1.566 | 1.300 | 1.536 | 8.66  |      |
| 13) C | 1,4-Dichlorobe...     | 1.645          | 1.567 | 1.592 | 1.551 | 1.371 | 1.575 | 1.295 | 1.513 | 8.52  |      |
| 14)   | 1,2-Dichlorobe...     | 1.588          | 1.548 | 1.534 | 1.480 | 1.355 | 1.520 | 1.225 | 1.464 | 8.81  |      |
| 15)   | Benzyl Alcohol        |                | 1.129 | 1.234 | 1.145 | 1.056 | 1.222 | 1.025 | 1.135 | 7.47  |      |
| 16)   | 2,2'-oxybis(1-...     | 2.561          | 2.432 | 2.505 | 2.376 | 2.149 | 2.313 | 2.038 | 2.339 | 8.08  |      |
| 17)   | 2-Methylphenol        | 1.052          | 1.010 | 1.032 | 0.931 | 0.874 | 0.981 | 0.823 | 0.957 | 8.89  |      |
| 18)   | Hexachloroethane      | 0.553          | 0.544 | 0.569 | 0.544 | 0.506 | 0.595 | 0.477 | 0.541 | 7.21  |      |
| 19) P | n-Nitroso-di-n...     | 0.900          | 0.971 | 0.972 | 0.949 | 0.876 | 0.801 | 0.943 | 0.809 | 0.903 | 7.60 |
| 20)   | 3+4-Methylphenols     |                | 1.270 | 1.190 | 1.167 | 1.036 | 1.159 | 0.969 | 1.132 | 9.69  |      |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 22)   | Acetophenone          | 0.473          | 0.459 | 0.433 | 0.437 | 0.397 | 0.456 | 0.371 | 0.432 | 8.41  |      |
| 23) S | Nitrobenzene-d5       | 0.377          | 0.378 | 0.374 | 0.368 | 0.335 | 0.393 | 0.330 | 0.365 | 6.48  |      |
| 24)   | Nitrobenzene          | 0.395          | 0.384 | 0.404 | 0.392 | 0.360 | 0.417 | 0.351 | 0.386 | 6.05  |      |
| 25)   | Isophorone            | 0.665          | 0.662 | 0.645 | 0.643 | 0.584 | 0.686 | 0.582 | 0.638 | 6.29  |      |
| 26) C | 2-Nitrophenol         | 0.190          | 0.184 | 0.196 | 0.191 | 0.167 | 0.194 | 0.165 | 0.184 | 6.96  |      |
| 27)   | 2,4-Dimethylph...     | 0.289          | 0.279 | 0.262 | 0.287 | 0.254 | 0.293 | 0.247 | 0.273 | 6.73  |      |
| 28)   | bis(2-Chloroet...     | 0.430          | 0.408 | 0.413 | 0.404 | 0.365 | 0.416 | 0.351 | 0.398 | 7.25  |      |
| 29) C | 2,4-Dichloroph...     | 0.334          | 0.345 | 0.325 | 0.323 | 0.293 | 0.328 | 0.275 | 0.317 | 7.75  |      |
| 30)   | 1,2,4-Trichlor...     | 0.344          | 0.339 | 0.334 | 0.335 | 0.301 | 0.348 | 0.286 | 0.327 | 7.19  |      |
| 31)   | Naphthalene           | 1.054          | 1.002 | 0.962 | 0.965 | 0.852 | 0.983 | 0.788 | 0.944 | 9.72  |      |
| 32)   | Benzoic acid          |                | 0.217 | 0.200 | 0.146 | 0.147 | 0.168 | 0.162 | 0.173 | 16.81 |      |
| 33)   | 4-Chloroaniline       | 0.332          | 0.356 | 0.349 | 0.336 | 0.298 | 0.344 | 0.286 | 0.329 | 8.10  |      |
| 34) C | Hexachlorobuta...     | 0.279          | 0.276 | 0.274 | 0.270 | 0.241 | 0.296 | 0.234 | 0.267 | 8.19  |      |
| 35)   | Caprolactam           |                | 0.078 | 0.082 | 0.085 | 0.072 | 0.086 | 0.075 | 0.080 | 7.03  |      |
| 36) C | 4-Chloro-3-met...     | 0.302          | 0.289 | 0.285 | 0.282 | 0.257 | 0.296 | 0.250 | 0.280 | 6.98  |      |
| 37)   | 2-Methylnaphth...     | 0.718          | 0.654 | 0.631 | 0.644 | 0.549 | 0.637 | 0.524 | 0.622 | 10.55 |      |
| 38)   | 1-Methylnaphth...     | 0.685          | 0.627 | 0.591 | 0.591 | 0.524 | 0.611 | 0.499 | 0.590 | 10.60 |      |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF102425.M

|       |                   |                |       |       |       |       |       |       |       |       |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac... | 0.777          | 0.707 | 0.693 | 0.707 | 0.629 | 0.716 | 0.583 | 0.687 | 9.17  |  |
| 41) P | Hexachlorocycl... | 0.148          | 0.208 | 0.218 | 0.205 | 0.273 | 0.222 | 0.212 | 18.88 |       |  |
| 42) S | 2,4,6-Tribromo... | 0.251          | 0.249 | 0.256 | 0.262 | 0.241 | 0.289 | 0.236 | 0.255 | 6.77  |  |
| 43) C | 2,4,6-Trichlor... | 0.430          | 0.447 | 0.480 | 0.473 | 0.427 | 0.485 | 0.386 | 0.447 | 7.98  |  |
| 44)   | 2,4,5-Trichlor... | 0.488          | 0.485 | 0.484 | 0.467 | 0.427 | 0.511 | 0.419 | 0.469 | 7.19  |  |
| 45) S | 2-Fluorobiphenyl  | 1.654          | 1.503 | 1.411 | 1.451 | 1.291 | 1.473 | 1.164 | 1.421 | 11.04 |  |
| 46)   | 1,1'-Biphenyl     | 1.613          | 1.532 | 1.441 | 1.472 | 1.317 | 1.470 | 1.176 | 1.432 | 10.09 |  |
| 47)   | 2-Chloronaphth... | 1.336          | 1.264 | 1.233 | 1.222 | 1.101 | 1.250 | 0.989 | 1.199 | 9.68  |  |
| 48)   | 2-Nitroaniline    | 0.325          | 0.359 | 0.368 | 0.380 | 0.333 | 0.399 | 0.328 | 0.356 | 8.00  |  |
| 49)   | Acenaphthylene    | 1.780          | 1.693 | 1.664 | 1.703 | 1.476 | 1.668 | 1.337 | 1.617 | 9.54  |  |
| 50)   | Dimethylphthalate | 1.398          | 1.328 | 1.332 | 1.366 | 1.219 | 1.387 | 1.146 | 1.311 | 7.15  |  |
| 51)   | 2,6-Dinitrotol... | 0.228          | 0.257 | 0.275 | 0.276 | 0.252 | 0.288 | 0.240 | 0.259 | 8.31  |  |
| 52) C | Acenaphthene      | 1.125          | 1.153 | 1.134 | 1.114 | 0.999 | 1.122 | 0.914 | 1.080 | 8.21  |  |
| 53)   | 3-Nitroaniline    | 0.276          | 0.294 | 0.293 | 0.322 | 0.281 | 0.301 | 0.250 | 0.288 | 7.79  |  |
| 54) P | 2,4-Dinitrophenol | 0.161          | 0.162 | 0.124 | 0.116 | 0.139 | 0.140 | 0.140 | 13.44 |       |  |
| 55)   | Dibenzofuran      | 1.685          | 1.572 | 1.512 | 1.559 | 1.391 | 1.535 | 1.242 | 1.499 | 9.55  |  |
| 56) P | 4-Nitrophenol     | 0.224          | 0.199 | 0.187 | 0.175 | 0.202 | 0.184 | 0.195 | 8.90  |       |  |
| 57)   | 2,4-Dinitrotol... | 0.302          | 0.343 | 0.370 | 0.385 | 0.336 | 0.390 | 0.323 | 0.350 | 9.44  |  |
| 58)   | Fluorene          | 1.359          | 1.169 | 1.133 | 1.188 | 1.041 | 1.162 | 0.945 | 1.143 | 11.27 |  |
| 59)   | 2,3,4,6-Tetrac... | 0.317          | 0.318 | 0.333 | 0.360 | 0.322 | 0.366 | 0.297 | 0.330 | 7.53  |  |
| 60)   | Diethylphthalate  | 1.286          | 1.264 | 1.244 | 1.290 | 1.145 | 1.318 | 1.083 | 1.233 | 6.98  |  |
| 61)   | 4-Chlorophenyl... | 0.706          | 0.667 | 0.656 | 0.675 | 0.591 | 0.674 | 0.529 | 0.643 | 9.49  |  |
| 62)   | 4-Nitroaniline    | 0.262          | 0.266 | 0.275 | 0.296 | 0.260 | 0.299 | 0.253 | 0.273 | 6.70  |  |
| 63)   | Azobenzene        | 1.192          | 1.178 | 1.187 | 1.236 | 1.103 | 1.253 | 1.020 | 1.167 | 6.91  |  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-... | 0.133          | 0.151 | 0.123 | 0.115 | 0.132 | 0.116 | 0.128 | 10.63 |       |  |
| 66) c | n-Nitrosodiphe... | 0.716          | 0.666 | 0.657 | 0.643 | 0.590 | 0.659 | 0.542 | 0.639 | 8.82  |  |
| 67)   | 4-Bromophenyl-... | 0.274          | 0.256 | 0.247 | 0.260 | 0.230 | 0.270 | 0.215 | 0.250 | 8.52  |  |
| 68)   | Hexachlorobenzene | 0.311          | 0.338 | 0.309 | 0.321 | 0.275 | 0.328 | 0.268 | 0.307 | 8.59  |  |
| 69)   | Atrazine          | 0.229          | 0.223 | 0.218 | 0.208 | 0.185 | 0.235 | 0.169 | 0.210 | 11.52 |  |
| 70) C | Pentachlorophenol | 0.123          | 0.149 | 0.150 | 0.143 | 0.168 | 0.144 | 0.146 | 9.94  |       |  |
| 71)   | Phenanthrene      | 1.073          | 1.040 | 1.009 | 1.017 | 0.918 | 1.043 | 0.854 | 0.994 | 7.89  |  |
| 72)   | Anthracene        | 1.171          | 1.077 | 1.029 | 1.053 | 0.932 | 1.065 | 0.857 | 1.026 | 10.01 |  |
| 73)   | Carbazole         | 0.943          | 0.920 | 0.883 | 0.905 | 0.818 | 0.907 | 0.737 | 0.874 | 8.20  |  |
| 74)   | Di-n-butylphth... | 1.090          | 1.091 | 1.116 | 1.118 | 1.002 | 1.135 | 0.945 | 1.071 | 6.58  |  |
| 75) C | Fluoranthene      | 1.171          | 1.151 | 1.121 | 1.123 | 0.997 | 1.167 | 0.954 | 1.098 | 7.88  |  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine         | 0.689          | 0.614 | 0.665 | 0.513 | 0.787 | 0.466 | 0.622 | 18.99 |       |  |
| 78)   | Pyrene            | 1.603          | 1.466 | 1.426 | 1.521 | 1.295 | 1.519 | 1.236 | 1.438 | 9.08  |  |
| 79) S | Terphenyl-d14     | 1.280          | 1.134 | 1.121 | 1.212 | 1.002 | 1.241 | 1.018 | 1.144 | 9.39  |  |
| 80)   | Butylbenzylpht... | 0.508          | 0.542 | 0.566 | 0.601 | 0.494 | 0.595 | 0.501 | 0.544 | 8.25  |  |
| 81)   | Benzo(a)anthra... | 1.341          | 1.322 | 1.359 | 1.516 | 1.206 | 1.492 | 1.226 | 1.352 | 8.79  |  |
| 82)   | 3,3'-Dichlorob... | 0.469          | 0.485 | 0.510 | 0.404 | 0.529 | 0.427 | 0.470 | 10.21 |       |  |
| 83)   | Chrysene          | 1.330          | 1.263 | 1.253 | 1.319 | 1.179 | 1.366 | 1.170 | 1.268 | 5.93  |  |
| 84)   | Bis(2-ethylhex... | 0.745          | 0.725 | 0.761 | 0.795 | 0.690 | 0.813 | 0.670 | 0.743 | 7.01  |  |
| 85) c | Di-n-octyl pht... | 1.228          | 1.295 | 1.399 | 1.179 | 1.382 | 1.180 | 1.277 | 7.65  |       |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
Method File : 8270-BF102425.M

|       |                   | -----ISTD----- |       |       |       |       |       |       |       |  |       |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|--|-------|
| 86) I | Perylene-d12      |                |       |       |       |       |       |       |       |  |       |
| 87)   | Indeno(1,2,3-c... | 1.351          | 1.331 | 1.394 | 1.477 | 1.295 | 1.501 | 1.263 | 1.373 |  | 6.53  |
| 88)   | Benzo(b)fluora... | 1.134          | 1.108 | 1.153 | 1.264 | 1.055 | 1.151 | 1.050 | 1.131 |  | 6.39  |
| 89)   | Benzo(k)fluora... | 1.206          | 1.077 | 1.010 | 1.059 | 0.906 | 1.157 | 0.886 | 1.043 |  | 11.44 |
| 90) C | Benzo(a)pyrene    | 1.049          | 0.990 | 1.036 | 1.089 | 0.942 | 1.086 | 0.909 | 1.014 |  | 6.88  |
| 91)   | Dibenzo(a,h)an... | 1.058          | 1.061 | 1.107 | 1.166 | 1.024 | 1.195 | 0.997 | 1.087 |  | 6.72  |
| 92)   | Benzo(g,h,i)pe... | 1.051          | 1.051 | 1.124 | 1.195 | 1.023 | 1.192 | 1.015 | 1.093 |  | 7.08  |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
Data File : BF144056.D  
Acq On : 24 Oct 2025 10:13  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Quant Time: Oct 24 17:00:17 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 16:52:41 2025  
Response via : Initial Calibration

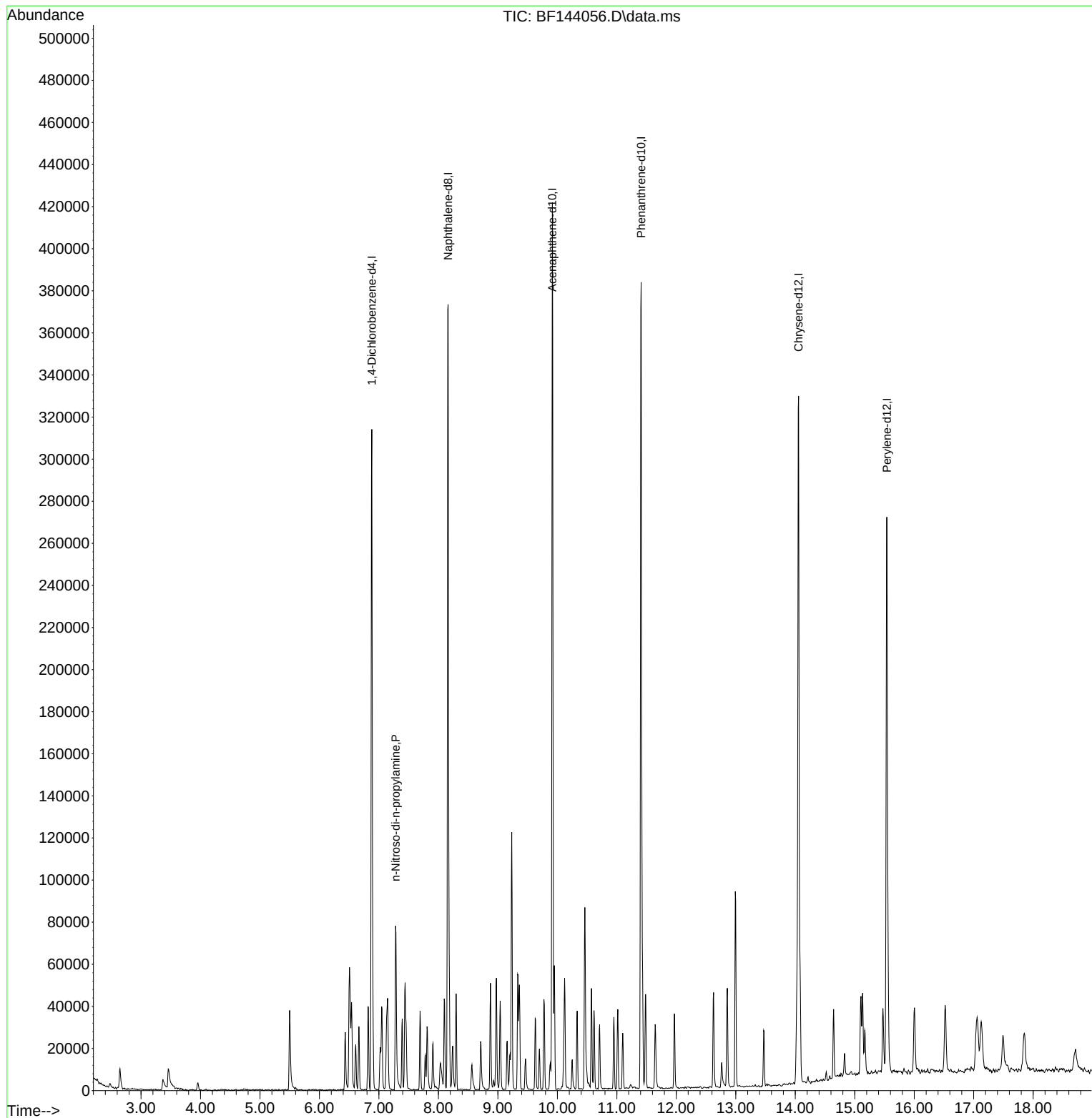
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 63395    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 236986   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 128411   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 216866   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 165196   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 182261   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |          |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |          |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |          |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |          |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |          |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |          |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 7133     | 2.493  | ng    | 97       |
| -----                         |        |      |          |        |       |          |

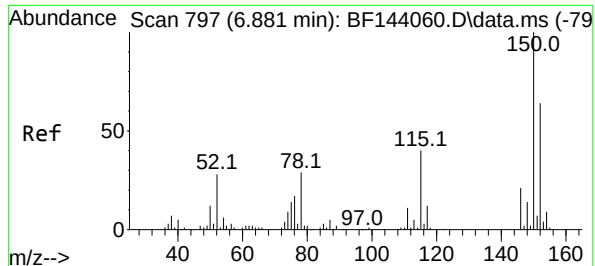
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
Data File : BF144056.D  
Acq On : 24 Oct 2025 10:13  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

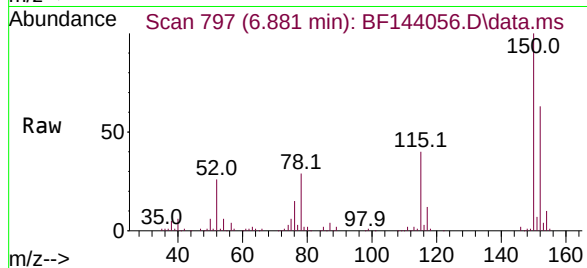
Quant Time: Oct 24 17:00:17 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 16:52:41 2025  
Response via : Initial Calibration



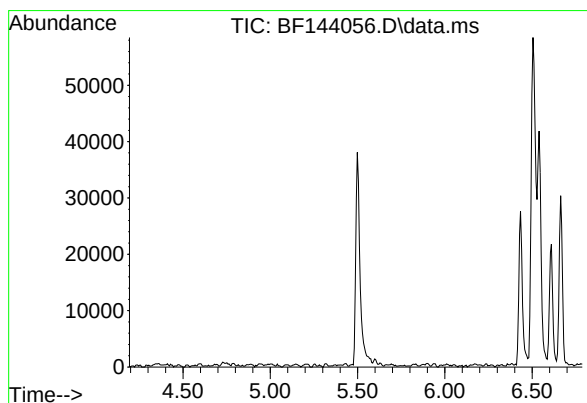
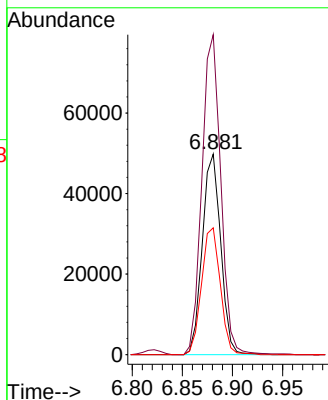
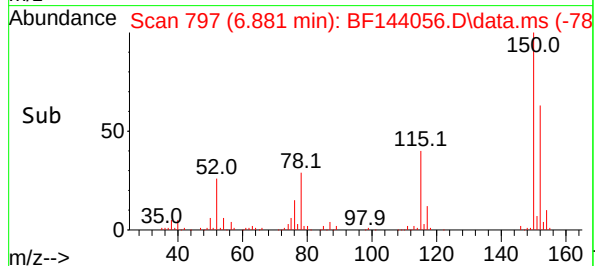


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144056.D  
Acq: 24 Oct 2025 10:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



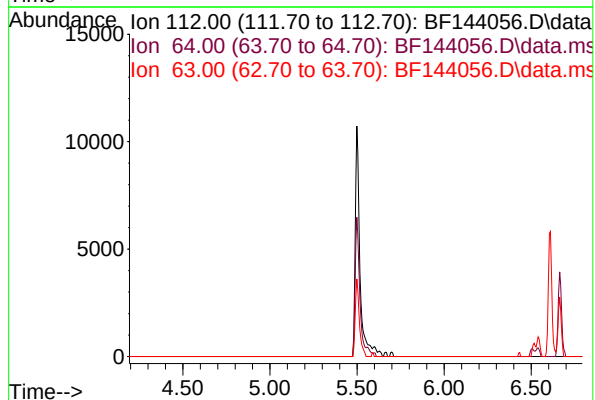
Tgt Ion:152 Resp: 63395  
Ion Ratio Lower Upper  
152 100  
150 159.5 124.4 186.6  
115 63.2 49.4 74.0

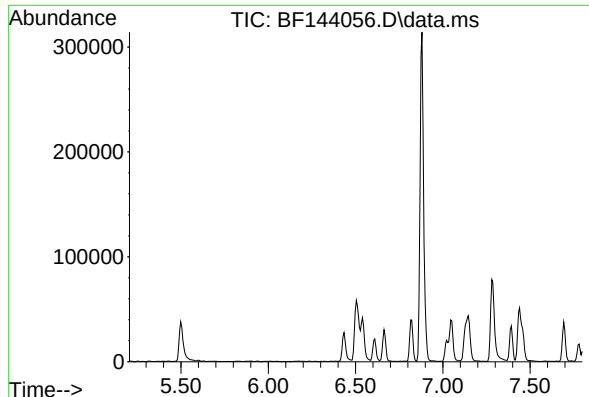


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.49 min

Lab File: BF144056.D  
Acq: 24 Oct 2025 10:13

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 62.3  
63 34.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.50 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

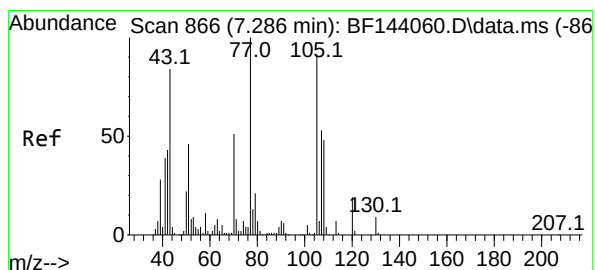
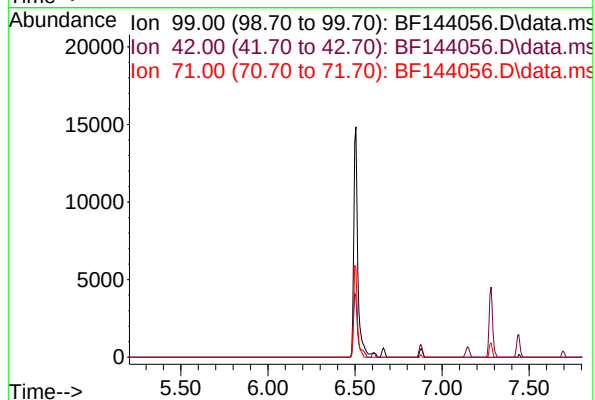
Tgt Ion: 99

Sig Exp Ratio

99 100

42 29.9

71 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.493 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Tgt Ion: 70 Resp: 7133

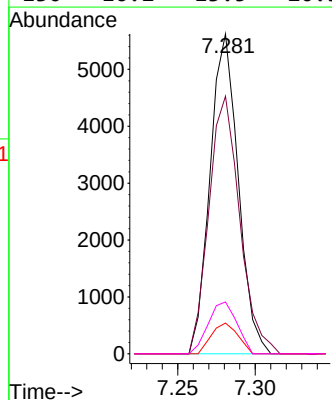
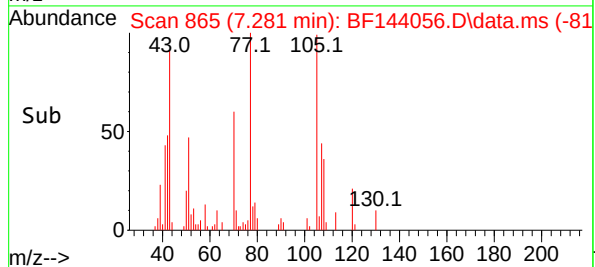
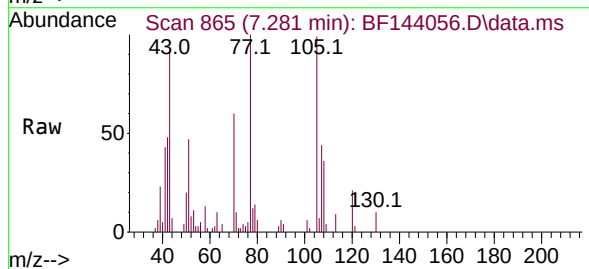
Ion Ratio Lower Upper

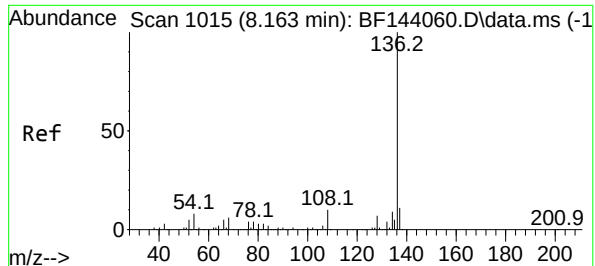
70 100

42 80.5 67.4 101.0

101 9.6 7.1 10.7

130 16.2 13.5 20.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144056.D

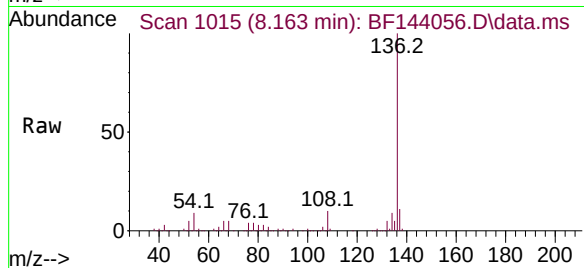
Acq: 24 Oct 2025 10:13

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 236986

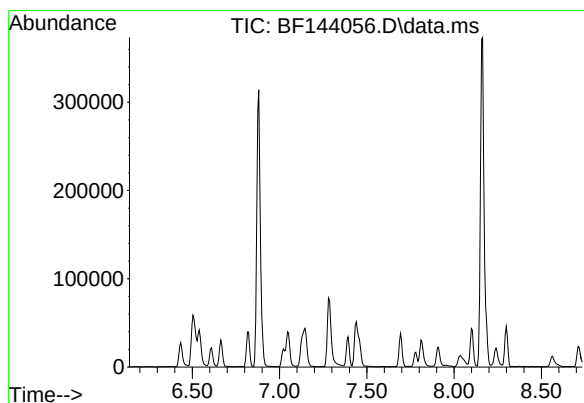
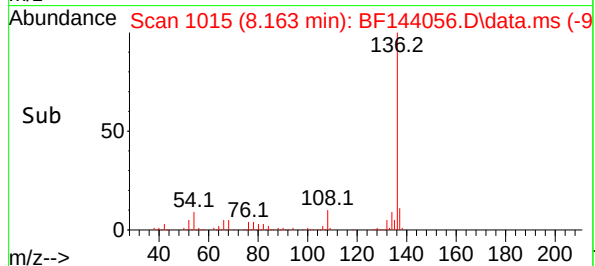
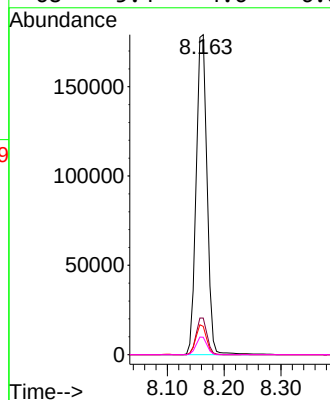
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 8.8 6.6 9.8

68 5.4 4.6 6.8



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.44 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

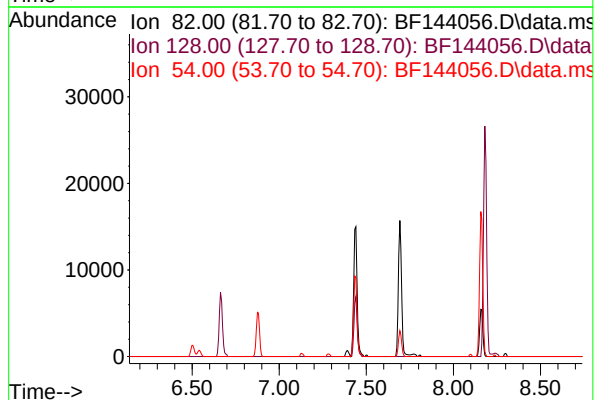
Tgt Ion: 82

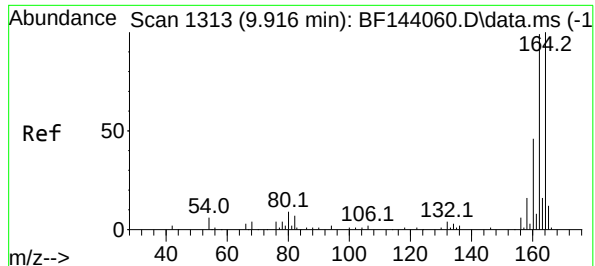
Sig Exp Ratio

82 100

128 40.5

54 67.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144056.D

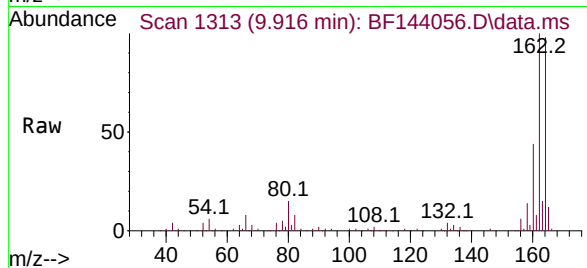
Acq: 24 Oct 2025 10:13

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



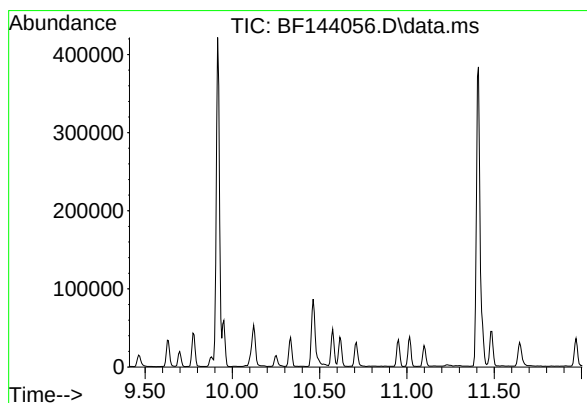
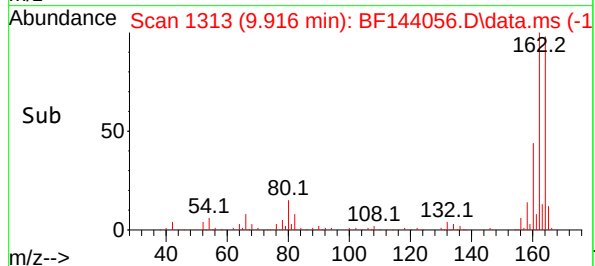
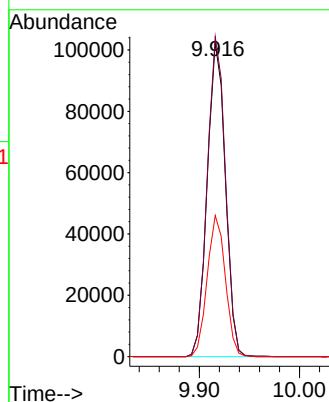
Tgt Ion:164 Resp: 128411

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 44.9 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.71 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

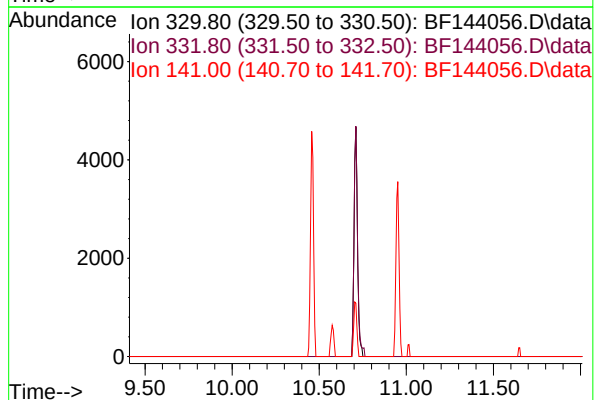
Tgt Ion: 330

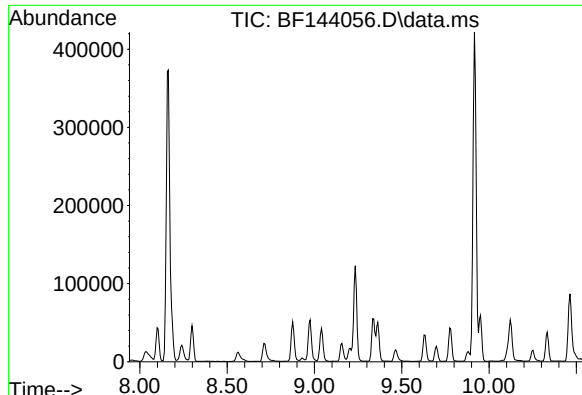
Sig Exp Ratio

330 100

332 96.3

141 24.2





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.24 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

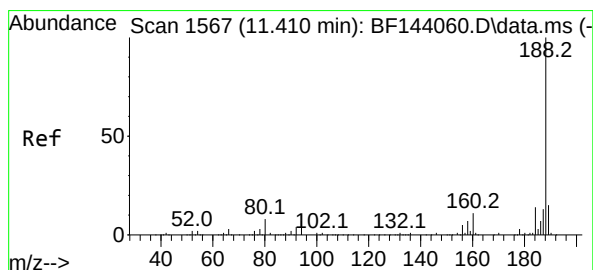
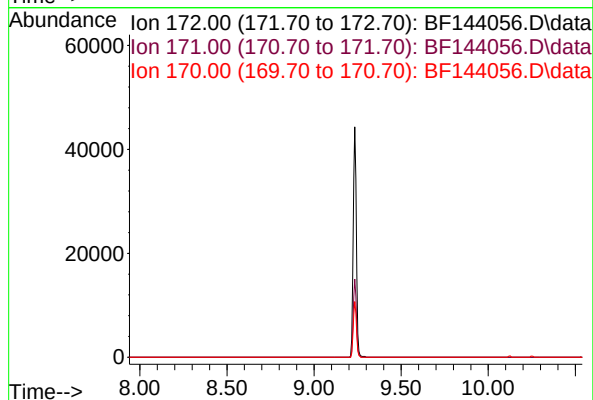
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.4

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

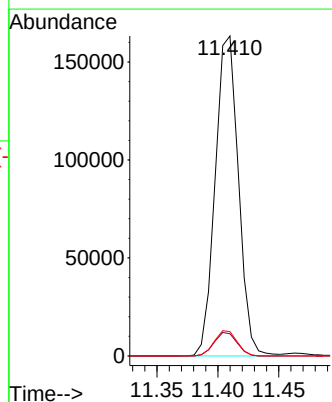
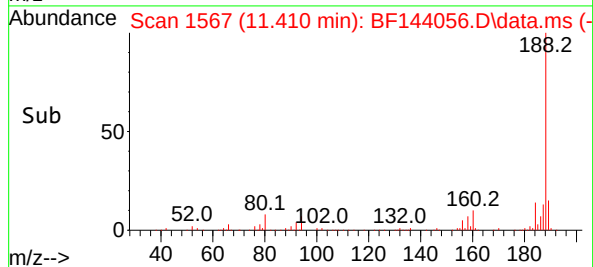
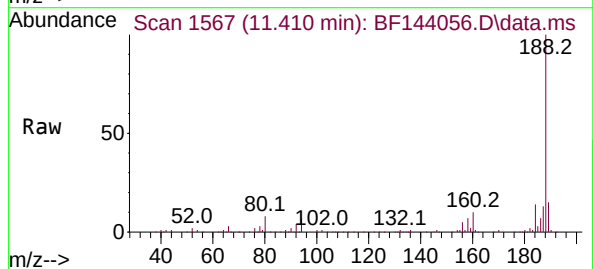
Tgt Ion:188 Resp: 216866

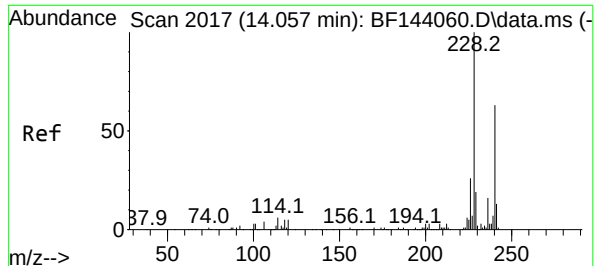
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

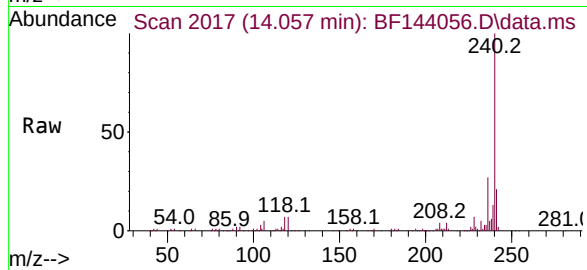
80 7.6 6.0 9.0



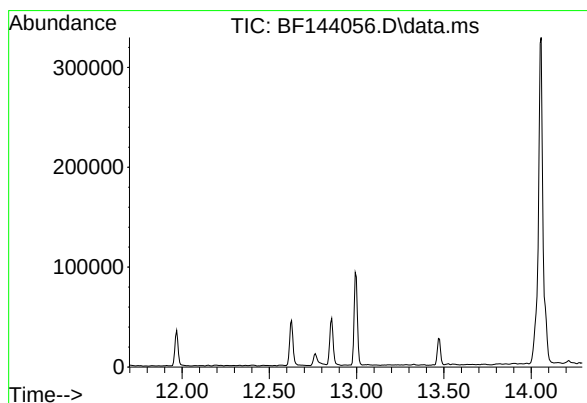
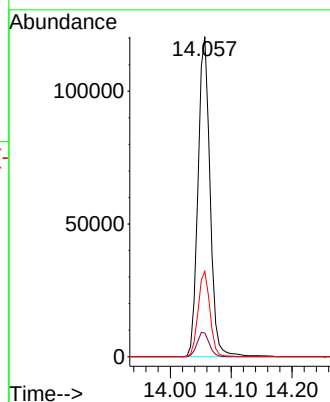
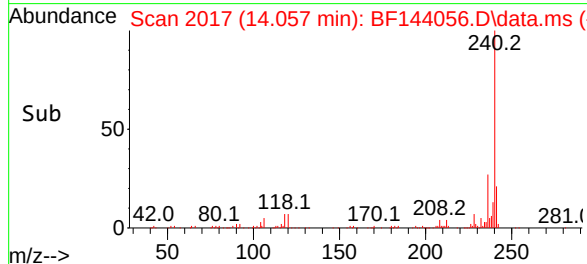


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF144056.D  
Acq: 24 Oct 2025 10:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



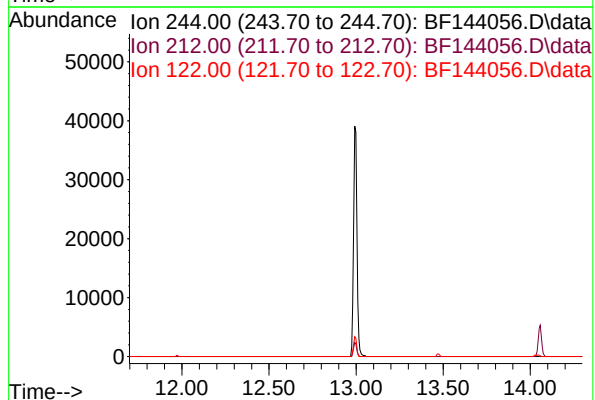
Tgt Ion:240 Resp: 165196  
Ion Ratio Lower Upper  
240 100  
120 7.4 6.5 9.7  
236 26.6 20.1 30.1



#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 13.00 min

Lab File: BF144056.D  
Acq: 24 Oct 2025 10:13

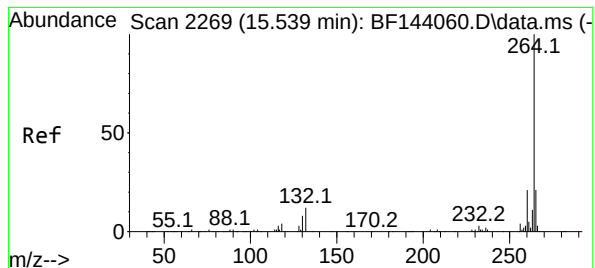
Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 7.2  
122 6.1



Ion 212.00 (211.70 to 212.70): BF144056.D\data

Ion 122.00 (121.70 to 122.70): BF144056.D\data





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144056.D

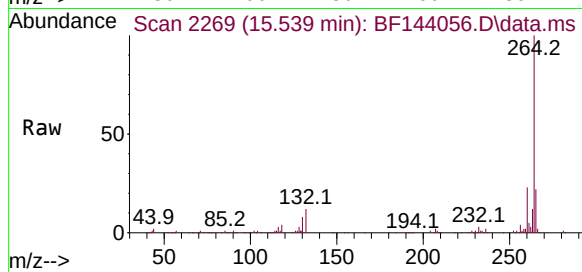
Acq: 24 Oct 2025 10:13

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



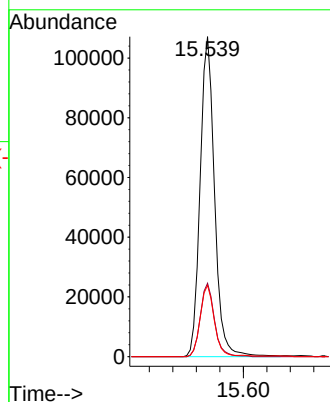
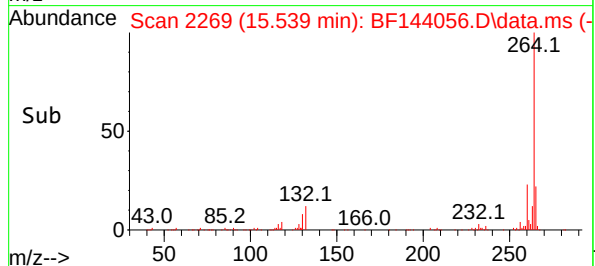
Tgt Ion:264 Resp: 182261

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.4

265 22.3 16.6 24.8



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144057.D  
 Acq On : 24 Oct 2025 10:42  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Quant Time: Oct 24 17:01:05 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 64729    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 239688   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 127182   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 215493   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 170453   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 190551   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 42841    | 10.471 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 50099    | 11.088 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 45136    | 10.317 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 15954    | 9.848  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 105210   | 11.641 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 109089   | 11.189 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.640  | 88   | 11703    | 6.619  | ng    | 95       |
| 3) Pyridine                   | 3.428  | 79   | 22571    | 4.769  | ng    | # 95     |
| 6) Aniline                    | 6.539  | 93   | 35169    | 5.441  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 22623    | 5.615  | ng    | 93       |
| 10) Phenol                    | 6.516  | 94   | 30686    | 5.505  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 22757    | 5.650  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 27208    | 5.474  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 26614    | 5.433  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 25700    | 5.423  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 41443    | 5.474  | ng    | 94       |
| 17) 2-Methylphenol            | 7.128  | 107  | 17019    | 5.492  | ng    | 91       |
| 18) Hexachloroethane          | 7.392  | 117  | 8945     | 5.108  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 15719    | 5.380  | ng    | 92       |
| 22) Acetophenone              | 7.281  | 105  | 28341    | 5.471  | ng    | 94       |
| 24) Nitrobenzene              | 7.457  | 77   | 23655    | 5.111  | ng    | 97       |
| 25) Isophorone                | 7.692  | 82   | 39860    | 5.211  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 11373    | 5.166  | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 17297    | 5.287  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 25751    | 5.399  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 20009    | 5.259  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 20600    | 5.263  | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 63185    | 5.585  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 19875    | 5.047  | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 16702    | 5.218  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 18077    | 5.384  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 43006    | 5.766  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 41029    | 5.806  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 24701    | 5.651  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 13673    | 4.813  | ng    | 93       |
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 15530    | 5.208  | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 51299    | 5.635  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 42492    | 5.571  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 10347    | 4.568  | ng    | 94       |
| 49) Acenaphthylene            | 9.775  | 152  | 56586    | 5.502  | ng    | 99       |
| 50) Dimethylphthalate         | 9.627  | 163  | 44452    | 5.332  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 7239     | 4.392  | ng    | 93       |

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 Data File : BF144057.D  
 Acq On : 24 Oct 2025 10:42  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

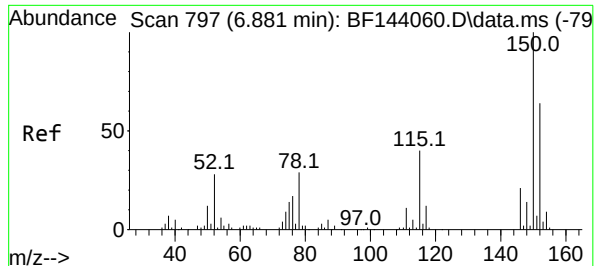
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 9.951  | 154  | 35769    | 5.208 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 8780     | 4.792 | ng    | 97       |
| 55) Dibenzofuran              | 10.122 | 168  | 53591    | 5.620 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 9591     | 4.312 | ng #  | 94       |
| 58) Fluorene                  | 10.469 | 166  | 43217    | 5.948 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 10071    | 4.793 | ng #  | 97       |
| 60) Diethylphthalate          | 10.333 | 149  | 40882    | 5.215 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 22434    | 5.491 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 8315     | 4.789 | ng    | 87       |
| 63) Azobenzene                | 10.616 | 77   | 37885    | 5.106 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.574 | 169  | 38552    | 5.599 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 14748    | 5.466 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 16776    | 5.070 | ng    | 96       |
| 69) Atrazine                  | 11.098 | 200  | 12331    | 5.458 | ng    | 95       |
| 71) Phenanthrene              | 11.433 | 178  | 57785    | 5.398 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 63077    | 5.704 | ng    | 97       |
| 73) Carbazole                 | 11.645 | 167  | 50818    | 5.399 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 58713    | 5.088 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 63073    | 5.333 | ng    | 97       |
| 78) Pyrene                    | 12.857 | 202  | 68289    | 5.573 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 21644    | 4.669 | ng    | 94       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 57138    | 4.960 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 56694    | 5.245 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 31727    | 5.013 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 64345    | 4.918 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 54015    | 5.014 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 57466    | 5.782 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 49993    | 5.173 | ng #  | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.056 | 278  | 50377    | 4.865 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 50046    | 4.807 | ng    | 98       |

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

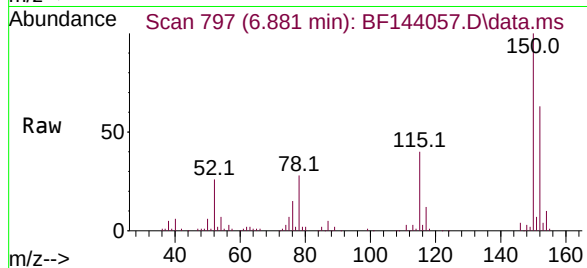
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BNA\_F  
**ClientSampleId :**  
SSTDICC005

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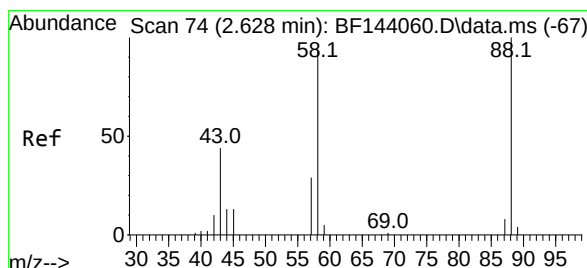
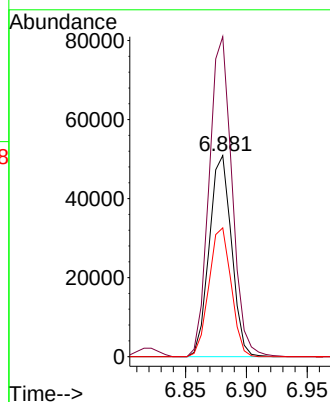
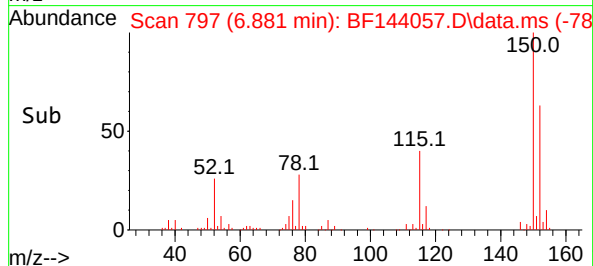


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

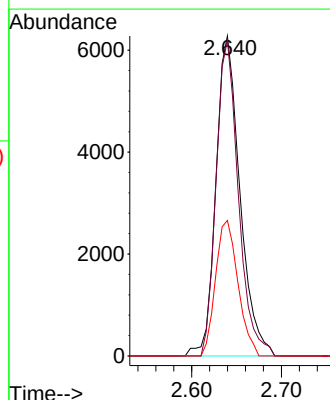
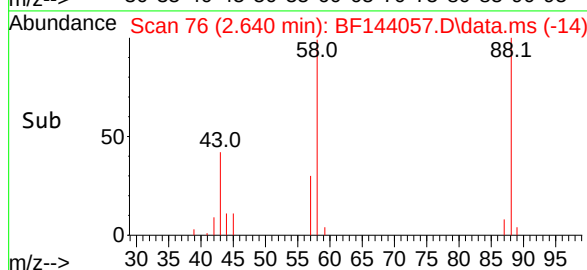
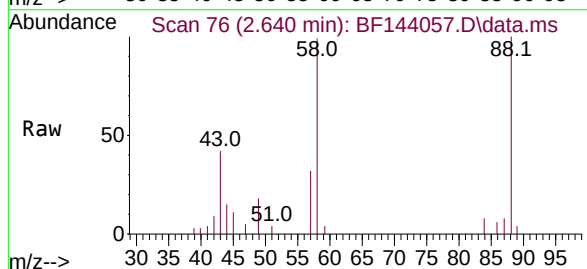


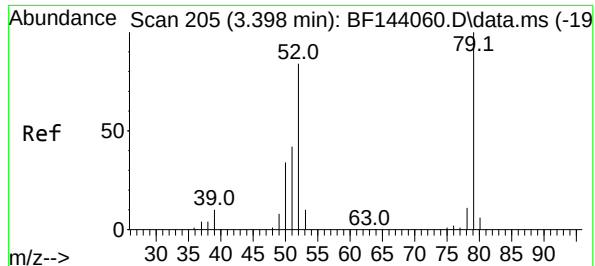
Tgt Ion:152 Resp: 64729  
Ion Ratio Lower Upper  
152 100  
150 159.2 124.4 186.6  
115 64.1 49.4 74.0



#2  
1,4-Dioxane  
Concen: 6.619 ng  
RT: 2.640 min Scan# 76  
Delta R.T. 0.012 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion: 88 Resp: 11703  
Ion Ratio Lower Upper  
88 100  
58 91.4 76.5 114.7  
43 39.6 35.3 52.9





#3

Pyridine

Concen: 4.769 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

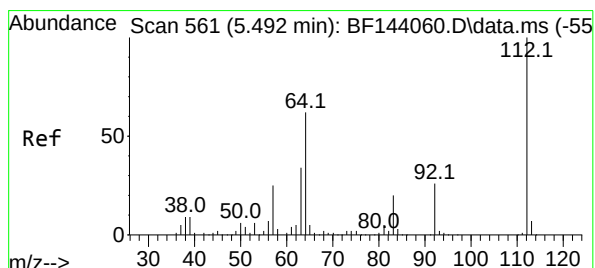
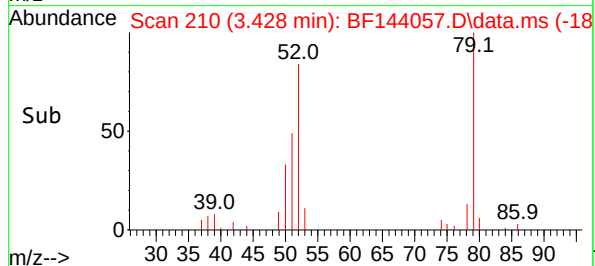
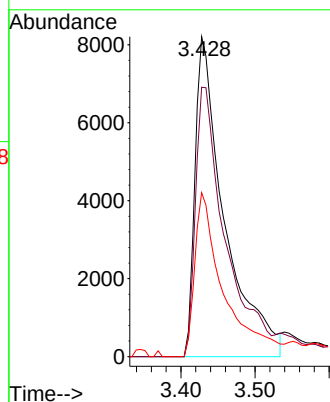
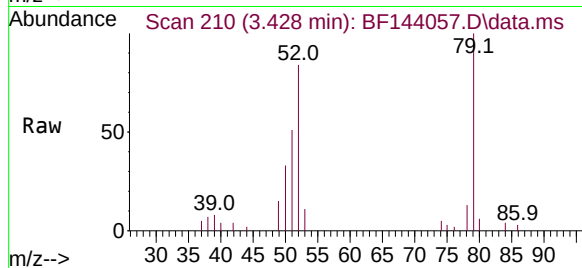
Tgt Ion: 79 Resp: 22571

Ion Ratio Lower Upper

79 100

52 84.2 67.5 101.3

51 51.2 33.6 50.4#



#5

2-Fluorophenol

Concen: 10.471 ng

RT: 5.492 min Scan# 561

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

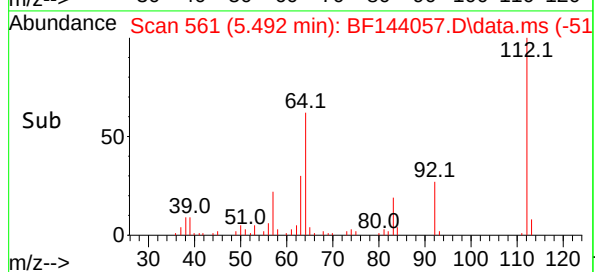
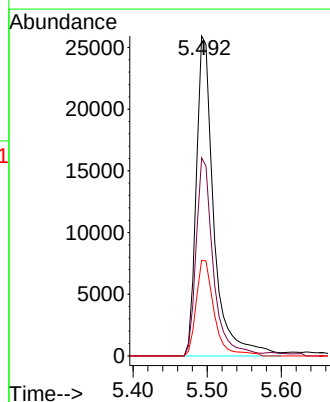
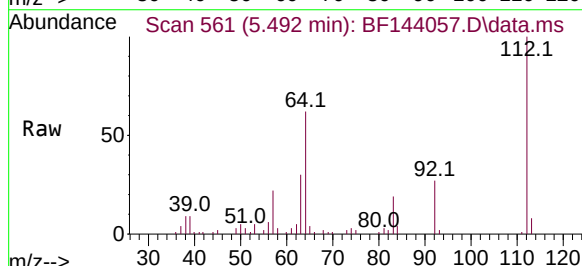
Tgt Ion: 112 Resp: 42841

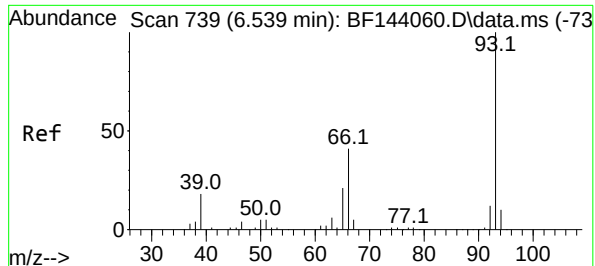
Ion Ratio Lower Upper

112 100

64 61.9 49.8 74.8

63 29.9 27.4 41.2





#6

Aniline

Concen: 5.441 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

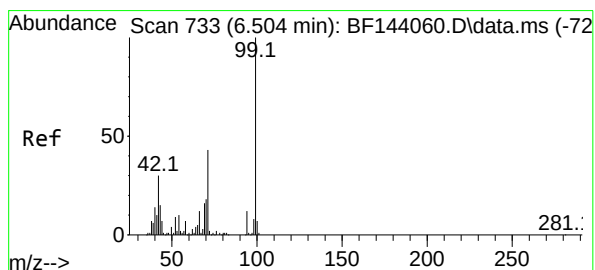
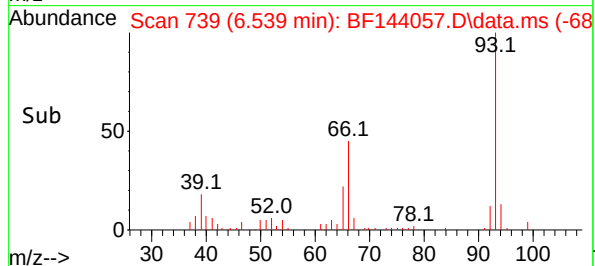
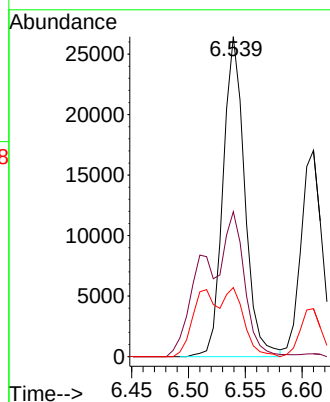
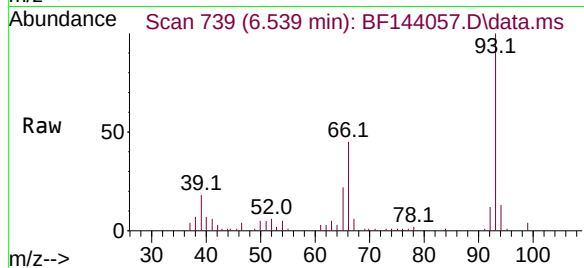
Tgt Ion: 93 Resp: 35169

Ion Ratio Lower Upper

93 100

66 45.3 35.7 53.5

65 21.6 17.0 25.6



#7

Phenol-d6

Concen: 11.088 ng

RT: 6.498 min Scan# 732

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

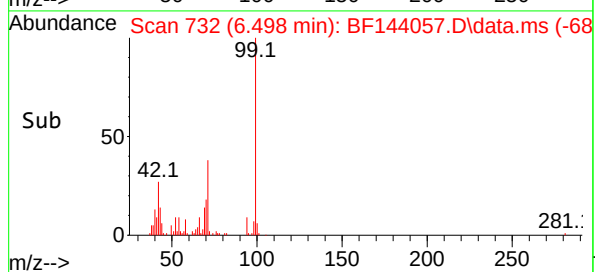
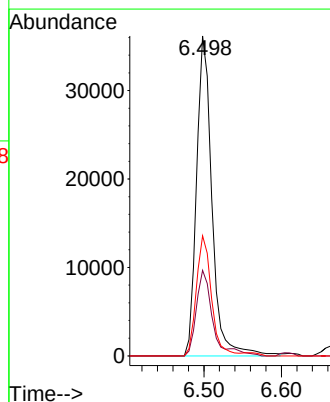
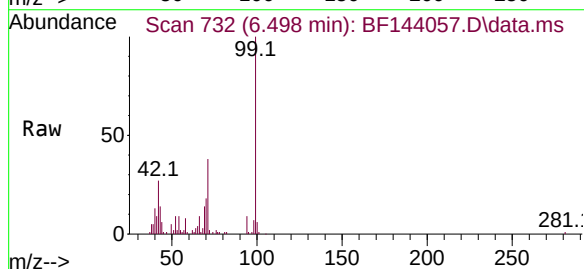
Tgt Ion: 99 Resp: 50099

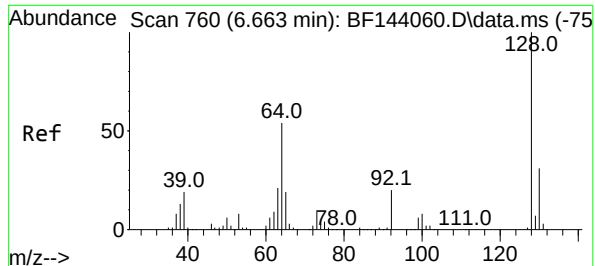
Ion Ratio Lower Upper

99 100

42 26.7 23.9 35.9

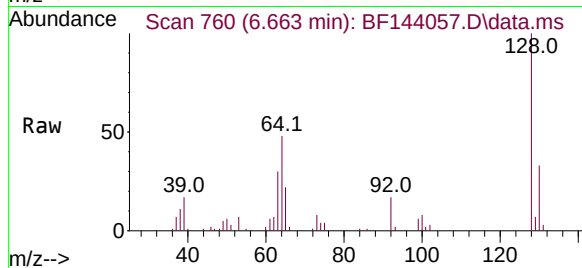
71 37.5 34.4 51.6



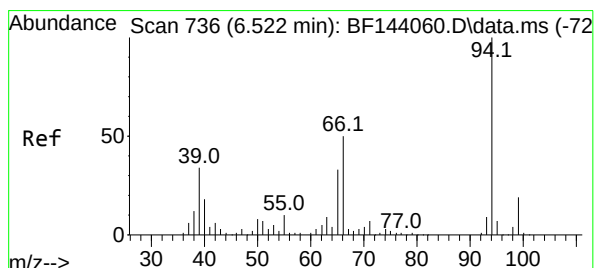
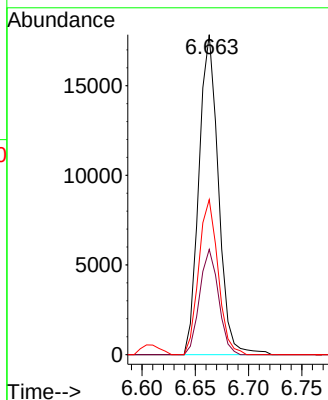
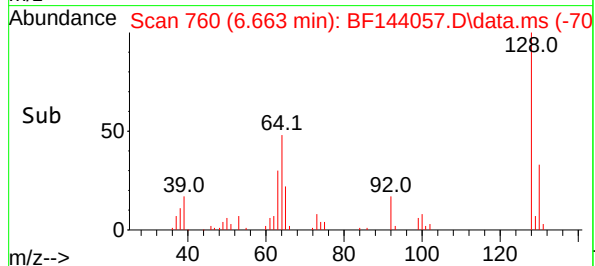


#8  
2-Chlorophenol  
Concen: 5.615 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

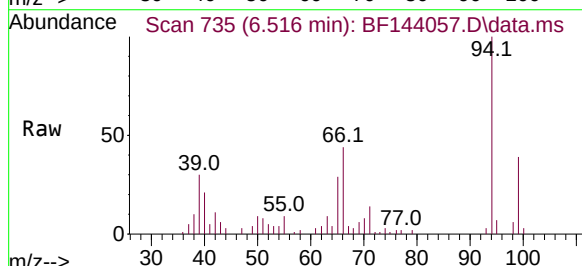
Instrument :  
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ClientSampleId :  
SSTDICC005



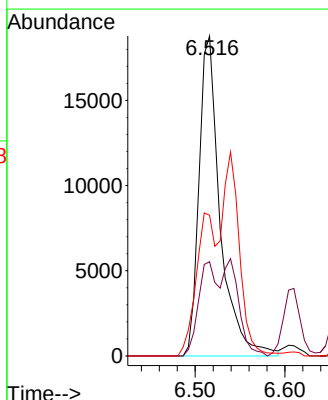
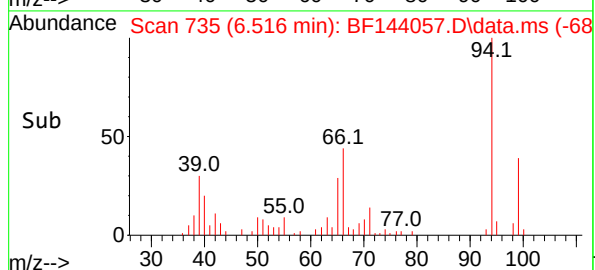
Tgt Ion:128 Resp: 22623  
Ion Ratio Lower Upper  
128 100  
130 32.9 10.7 50.7  
64 48.4 34.7 74.7



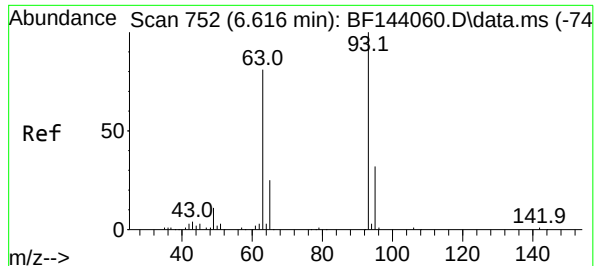
#10  
Phenol  
Concen: 5.505 ng  
RT: 6.516 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42



Tgt Ion: 94 Resp: 30686  
Ion Ratio Lower Upper  
94 100  
65 29.4 13.1 53.1  
66 43.9 30.6 70.6







#11

bis(2-Chloroethyl)ether

Concen: 5.650 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

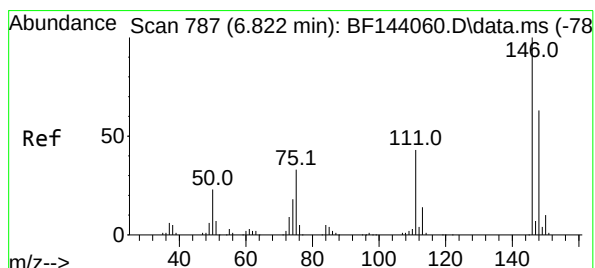
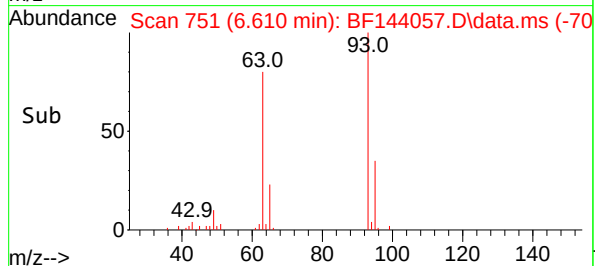
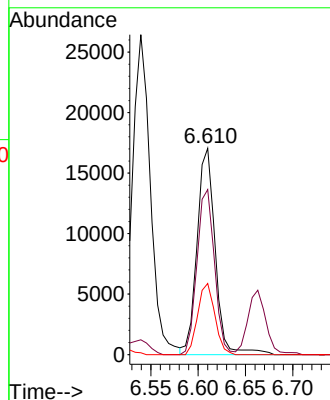
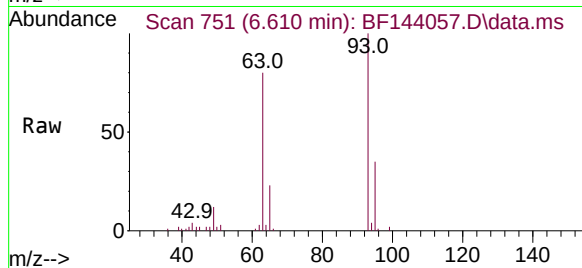
Tgt Ion: 93 Resp: 22757

Ion Ratio Lower Upper

93 100

63 80.0 60.2 100.2

95 34.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 5.474 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

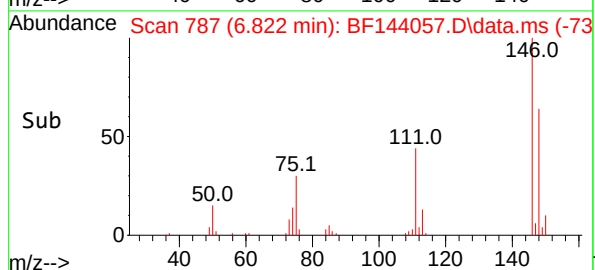
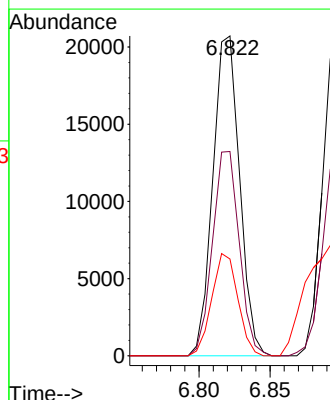
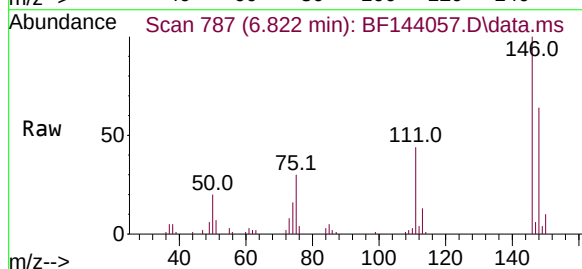
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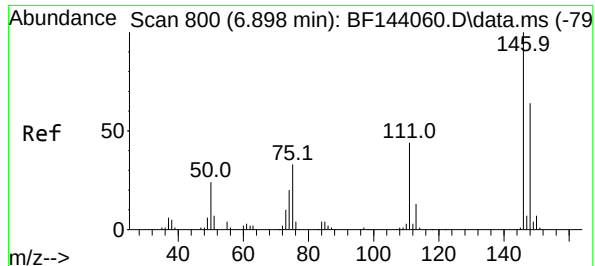
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

75 30.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 5.433 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

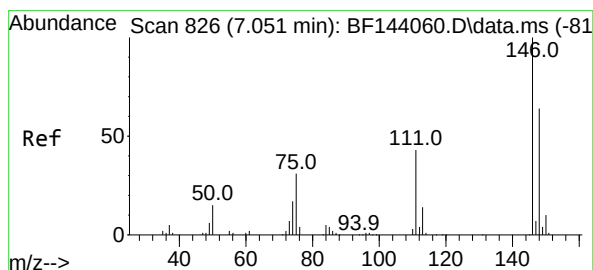
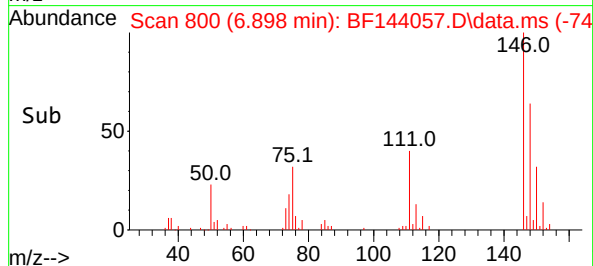
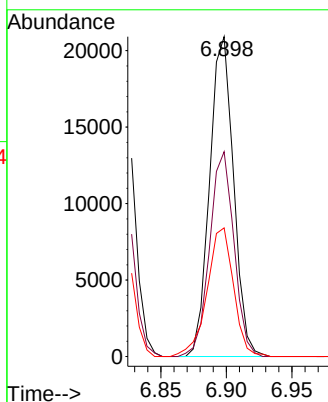
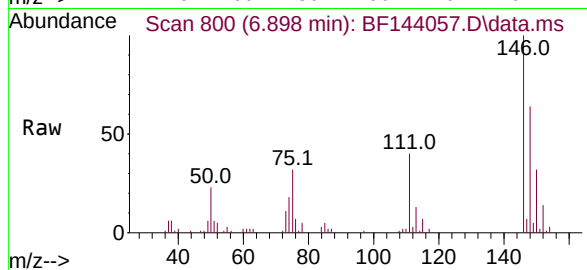
Tgt Ion:146 Resp: 26614

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 40.2 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 5.423 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

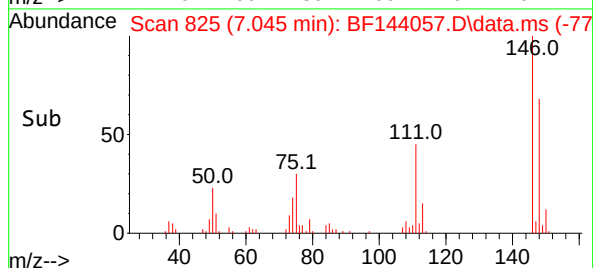
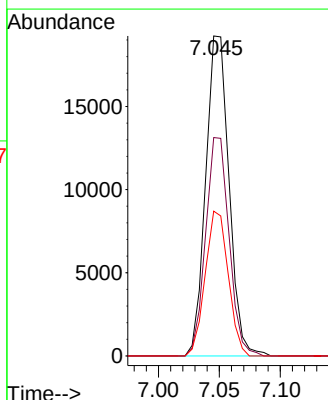
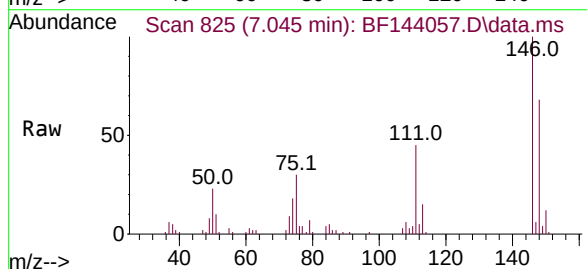
Tgt Ion:146 Resp: 25700

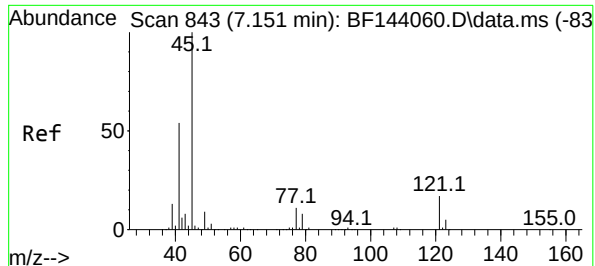
Ion Ratio Lower Upper

146 100

148 68.2 50.8 76.2

111 45.3 34.7 52.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.474 ng

RT: 7.145 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

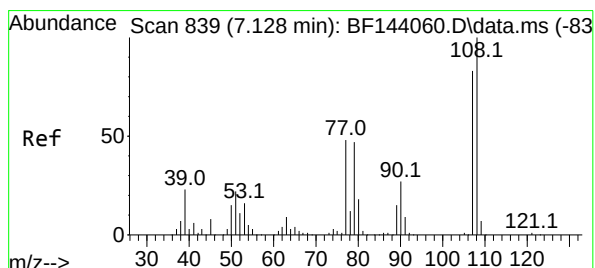
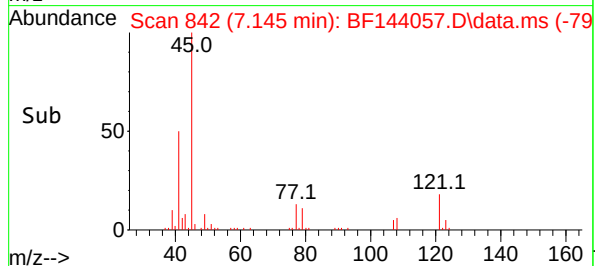
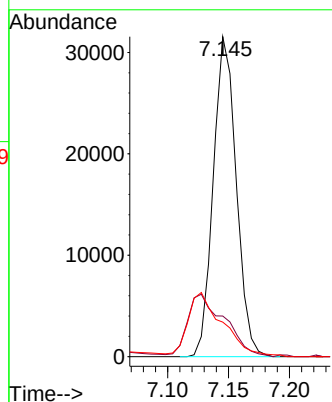
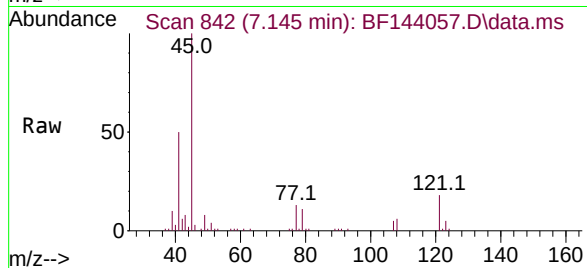
Tgt Ion: 45 Resp: 41443

Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.9

79 10.8 0.0 28.2



#17

2-Methylphenol

Concen: 5.492 ng

RT: 7.128 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion: 107 Resp: 17019

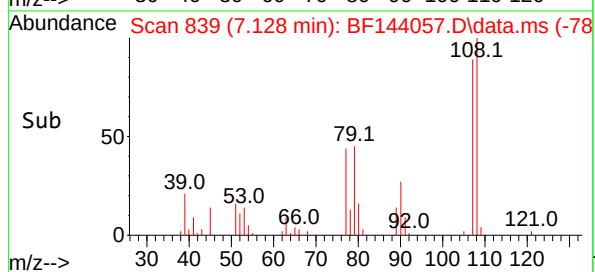
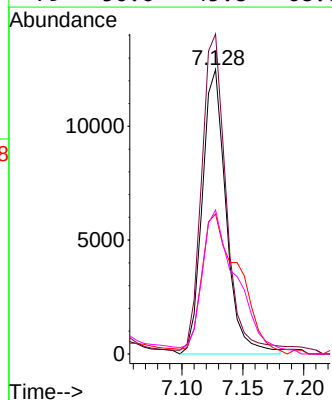
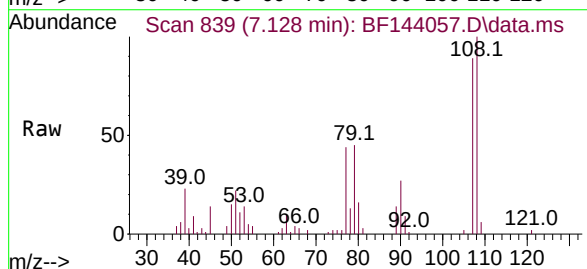
Ion Ratio Lower Upper

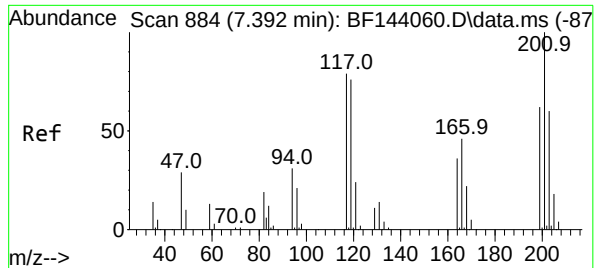
107 100

108 112.5 96.4 144.6

77 49.2 46.8 70.2

79 50.6 45.8 68.6

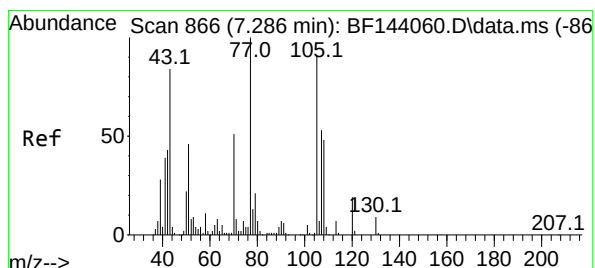
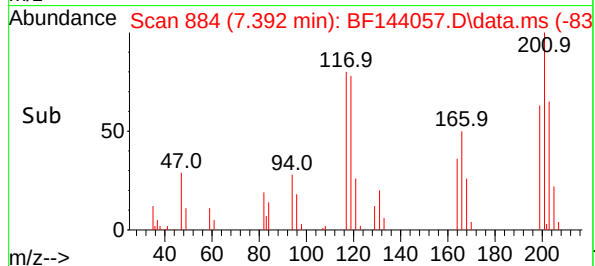
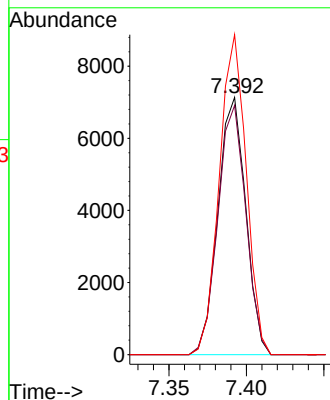
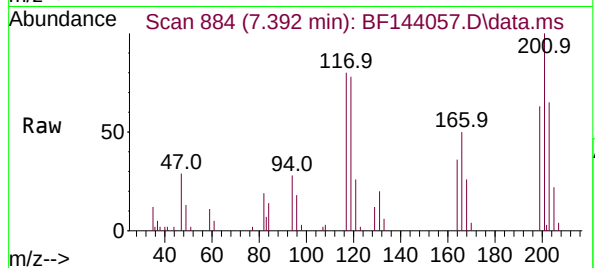




#18  
Hexachloroethane  
Concen: 5.108 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

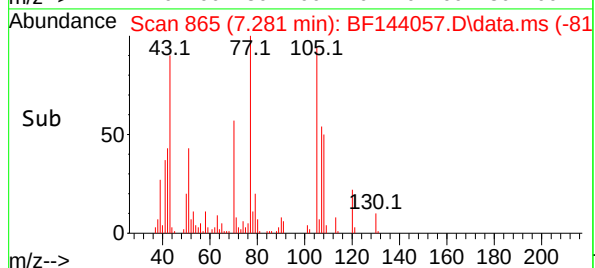
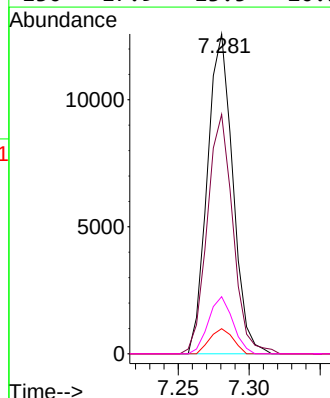
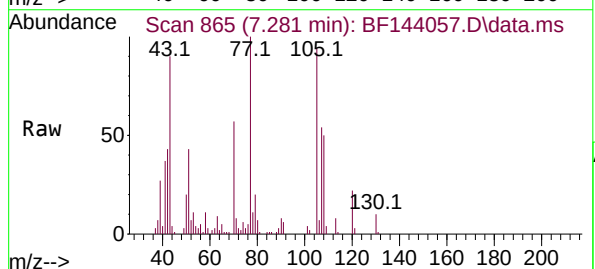
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

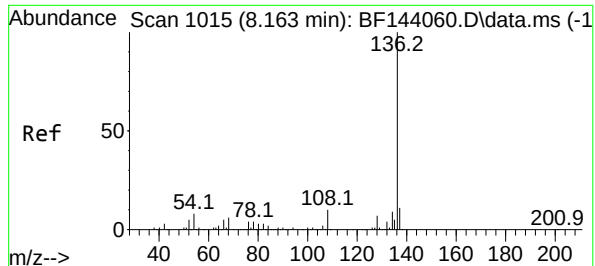
Tgt Ion:117 Resp: 8945  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.6 115.0  
201 124.4 100.9 151.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 5.380 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion: 70 Resp: 15719  
Ion Ratio Lower Upper  
70 100  
42 74.8 67.4 101.0  
101 7.9 7.1 10.7  
130 17.9 13.5 20.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144057.D

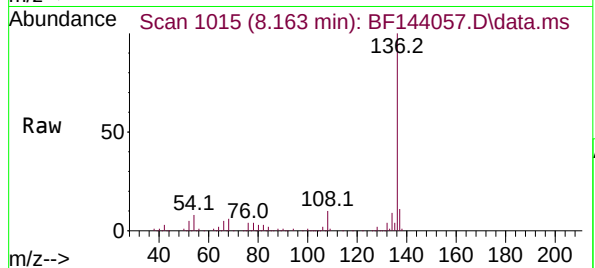
Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005



Tgt Ion:136 Resp: 239688

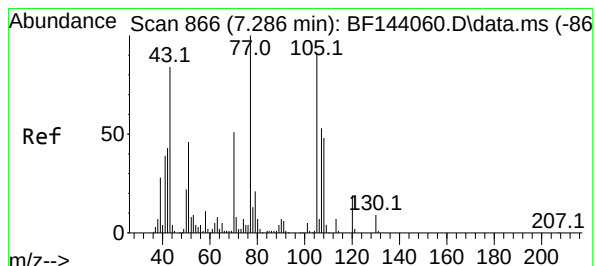
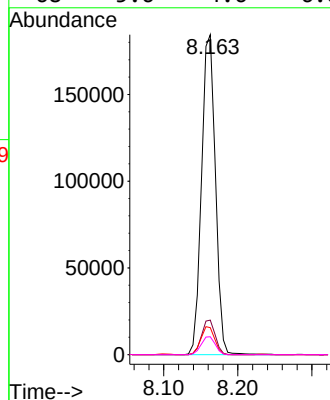
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.4 6.6 9.8

68 5.6 4.6 6.8



#22

Acetophenone

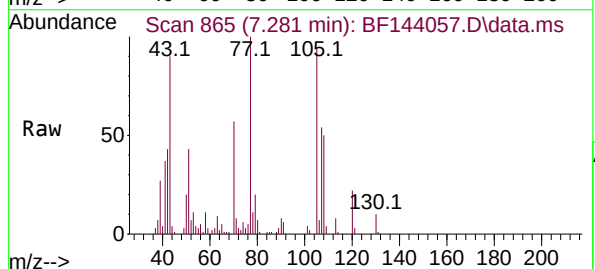
Concen: 5.471 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42



Tgt Ion:105 Resp: 28341

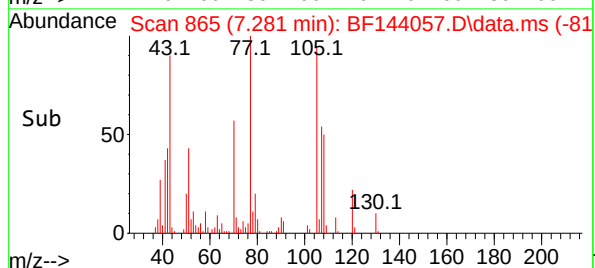
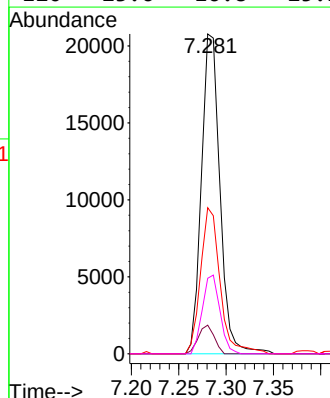
Ion Ratio Lower Upper

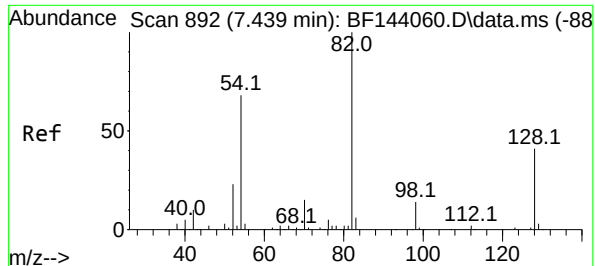
105 100

71 9.0 6.9 10.3

51 45.7 40.6 60.8

120 23.6 16.8 25.2





#23

Nitrobenzene-d5

Concen: 10.317 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

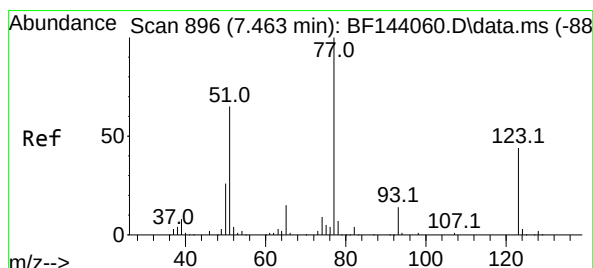
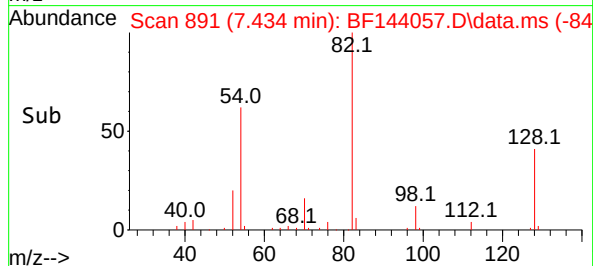
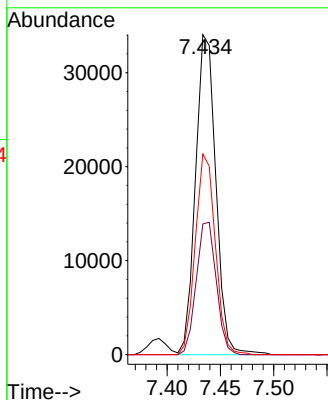
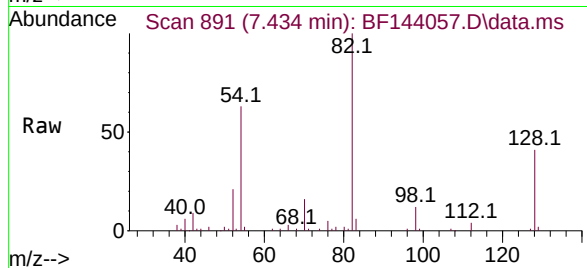
Tgt Ion: 82 Resp: 45136

Ion Ratio Lower Upper

82 100

128 40.9 32.4 48.6

54 62.7 54.0 81.0



#24

Nitrobenzene

Concen: 5.111 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

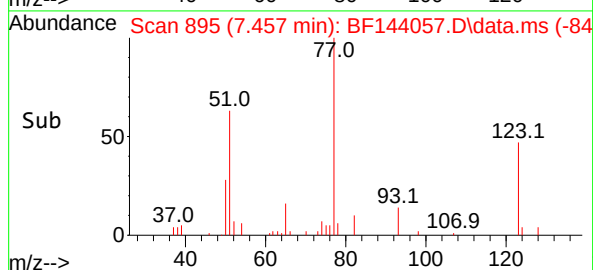
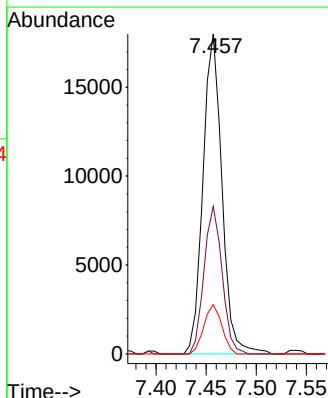
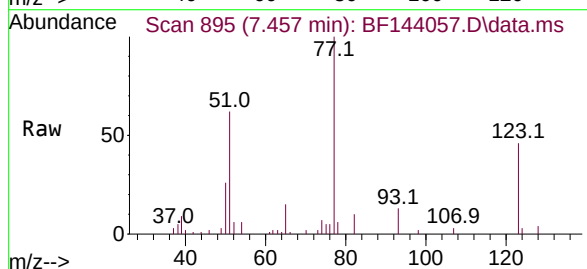
Tgt Ion: 77 Resp: 23655

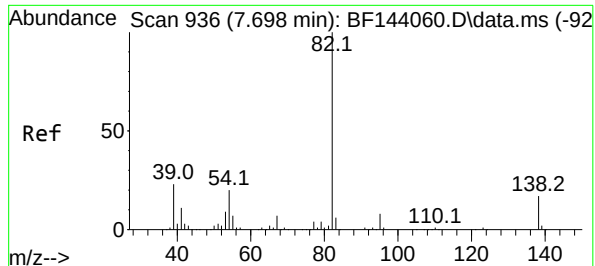
Ion Ratio Lower Upper

77 100

123 46.1 35.0 52.6

65 15.4 12.2 18.2

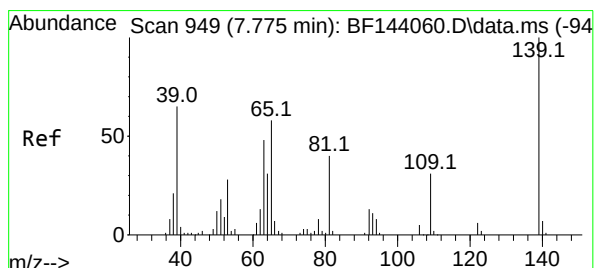
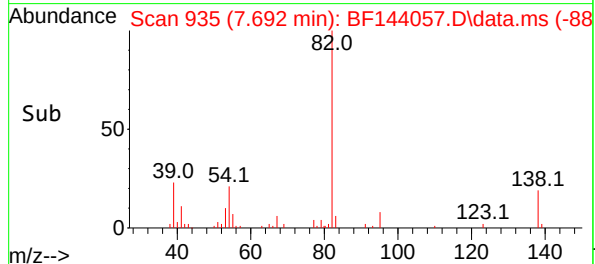
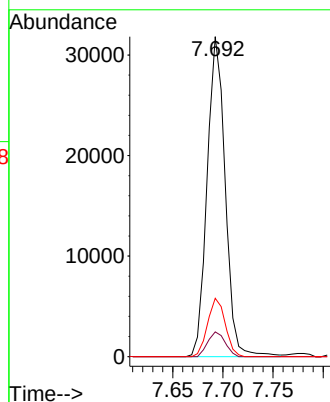
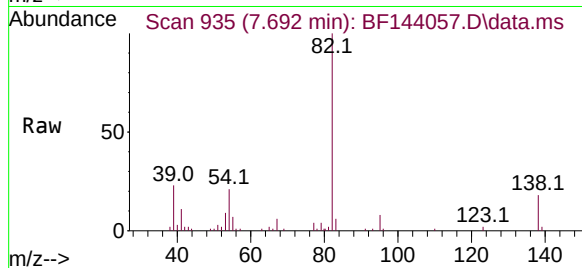




#25  
Isophorone  
Concen: 5.211 ng  
RT: 7.692 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

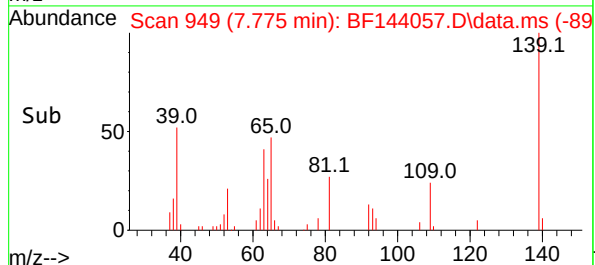
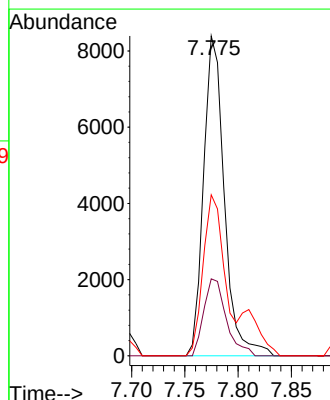
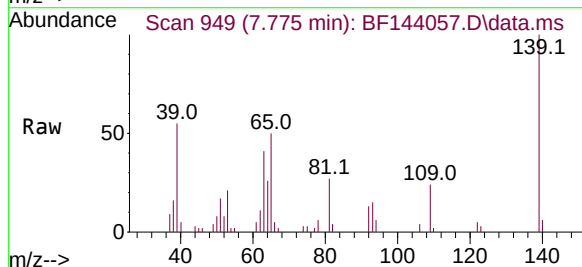
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

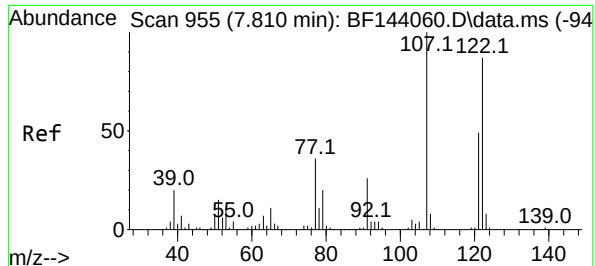
Tgt Ion: 82 Resp: 39860  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.6 9.8  
138 18.2 13.8 20.8



#26  
2-Nitrophenol  
Concen: 5.166 ng  
RT: 7.775 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion: 139 Resp: 11373  
Ion Ratio Lower Upper  
139 100  
109 24.1 24.6 37.0#  
65 50.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 5.287 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

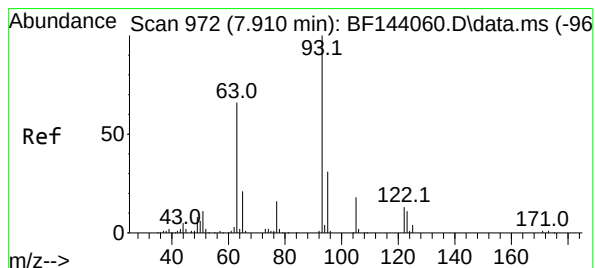
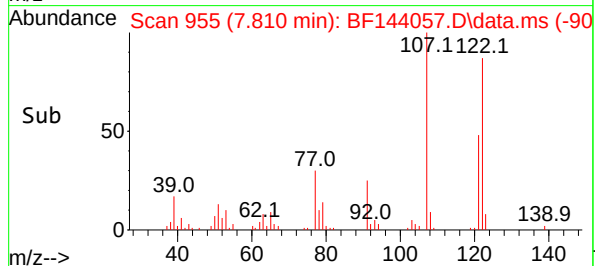
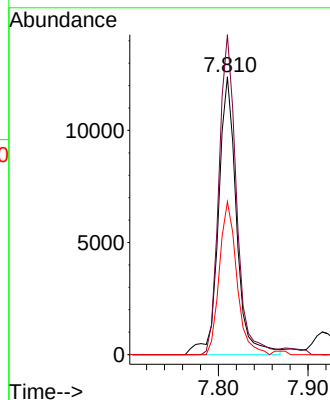
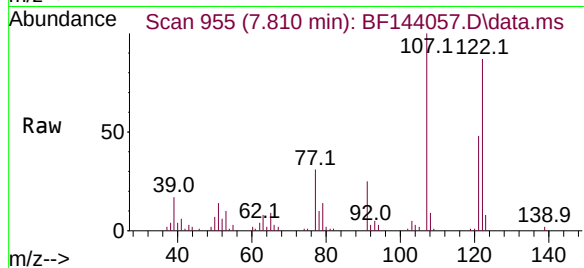
Tgt Ion:122 Resp: 17297

Ion Ratio Lower Upper

122 100

107 115.2 91.8 137.8

121 55.0 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 5.399 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

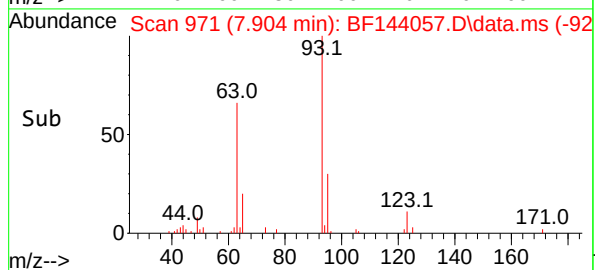
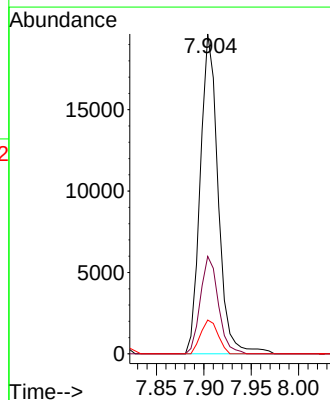
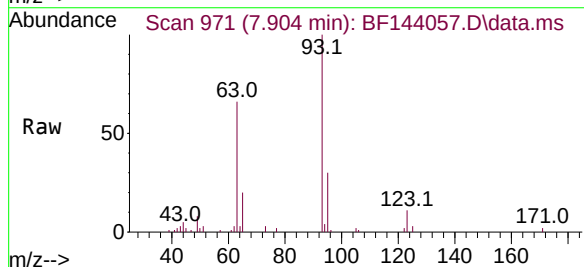
Tgt Ion: 93 Resp: 25751

Ion Ratio Lower Upper

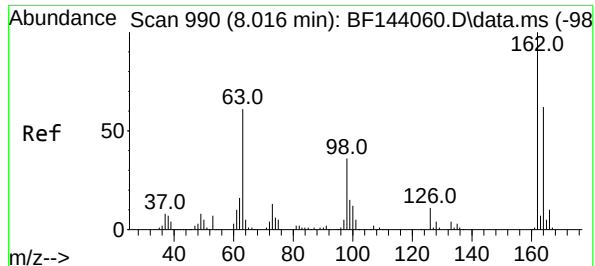
93 100

95 30.5 24.6 36.8

123 10.6 9.1 13.7







#29

2,4-Dichlorophenol

Concen: 5.259 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144057.D

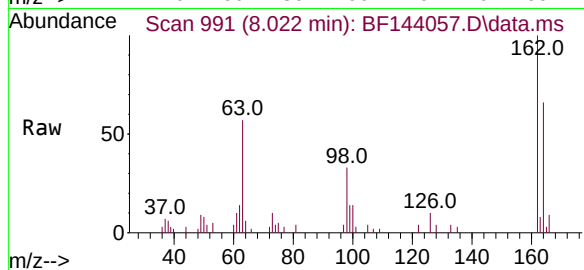
Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005



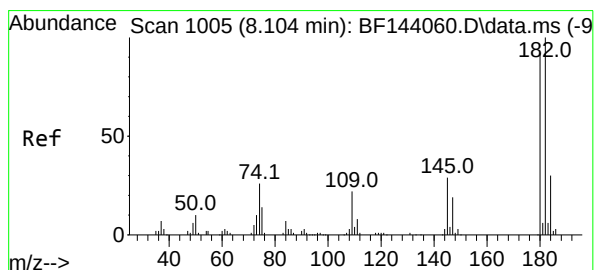
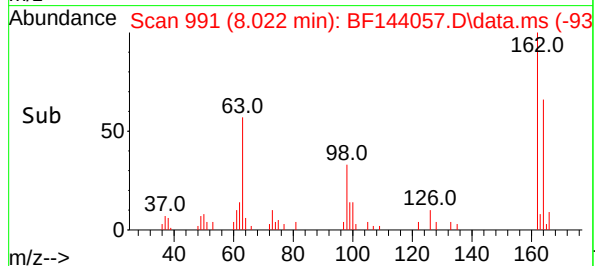
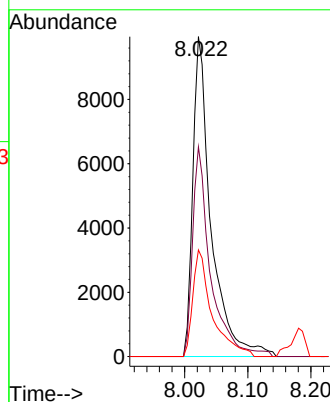
Tgt Ion:162 Resp: 20009

Ion Ratio Lower Upper

162 100

164 65.5 42.1 82.1

98 33.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 5.263 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

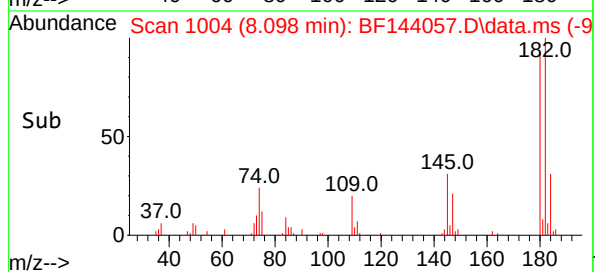
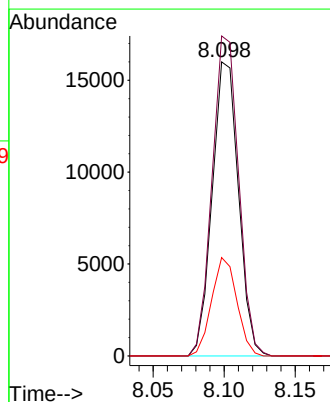
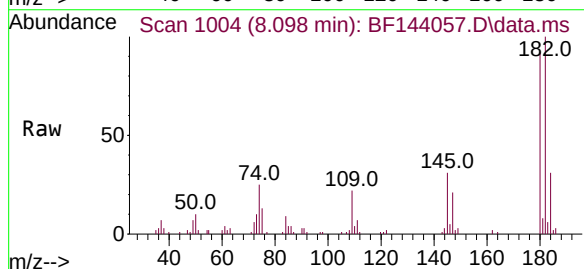
Tgt Ion:180 Resp: 20600

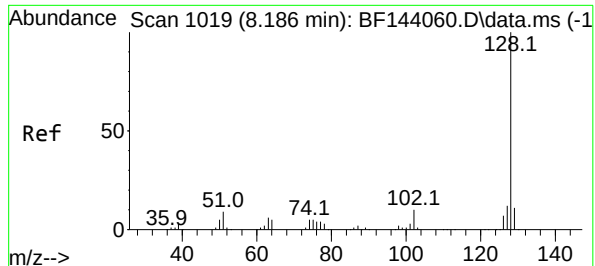
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 33.4 25.3 37.9





#31

Naphthalene

Concen: 5.585 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

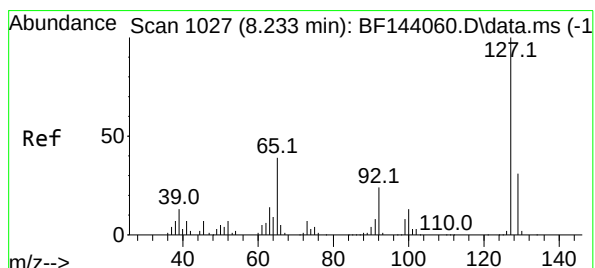
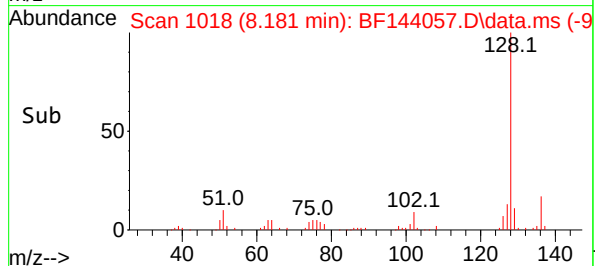
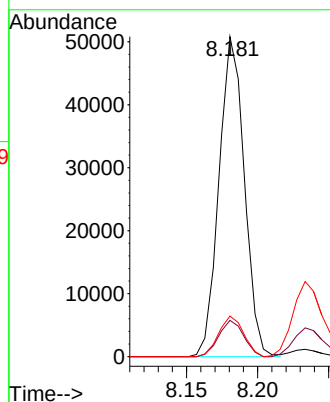
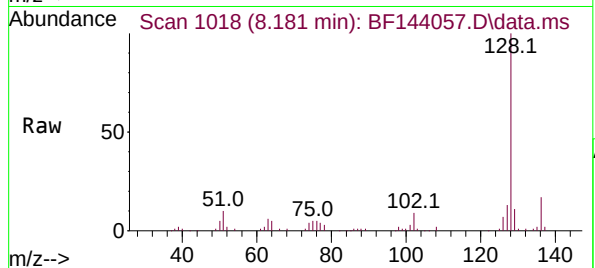
Tgt Ion:128 Resp: 63185

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 12.7 9.9 14.9



#33

4-Chloroaniline

Concen: 5.047 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:127 Resp: 19875

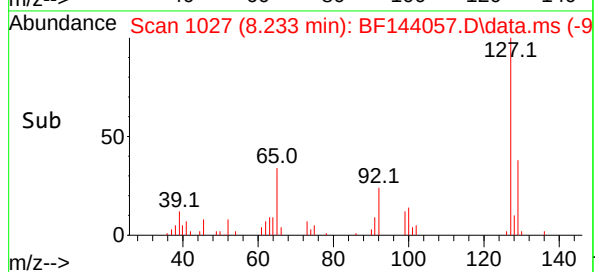
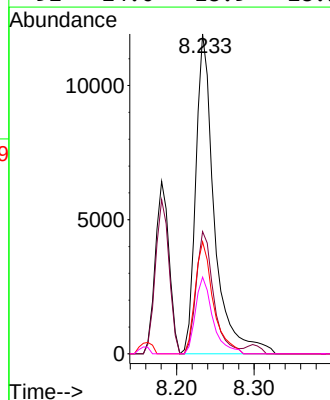
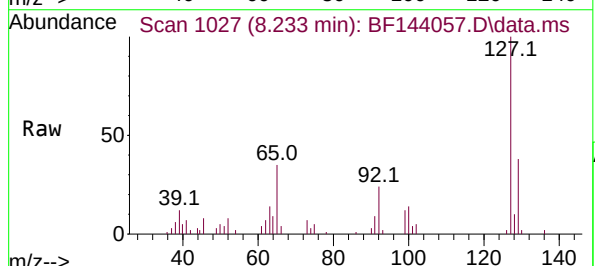
Ion Ratio Lower Upper

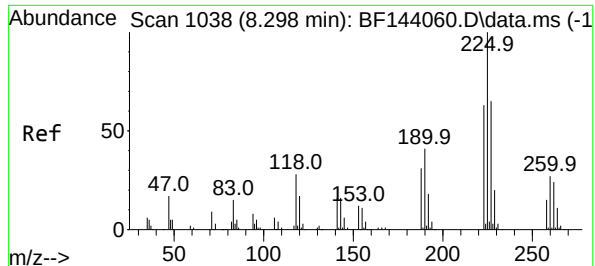
127 100

129 38.2 25.6 38.4

65 35.0 30.9 46.3

92 24.0 18.9 28.3





#34

Hexachlorobutadiene

Concen: 5.218 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

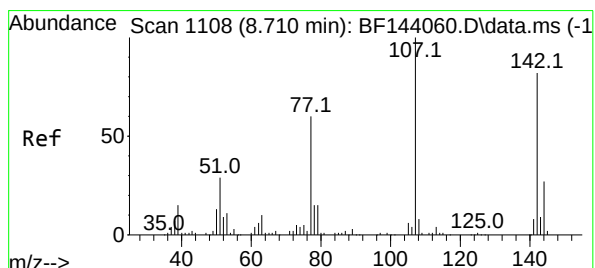
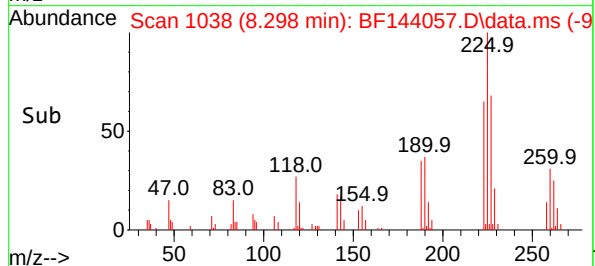
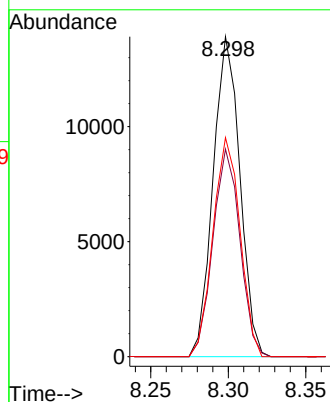
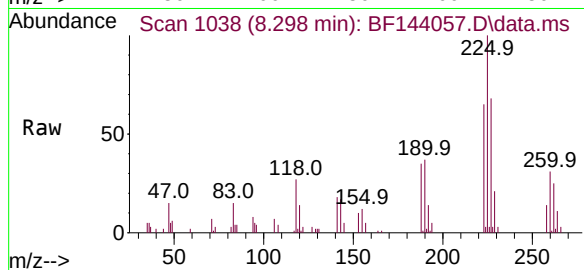
Tgt Ion:225 Resp: 16702

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

227 68.4 51.8 77.8



#36

4-Chloro-3-methylphenol

Concen: 5.384 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

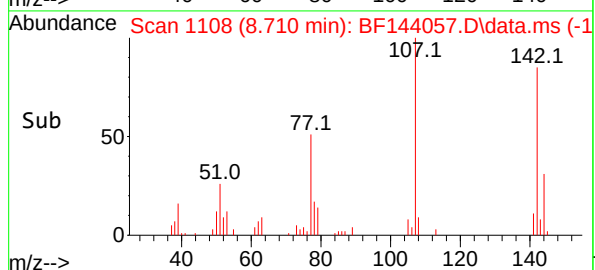
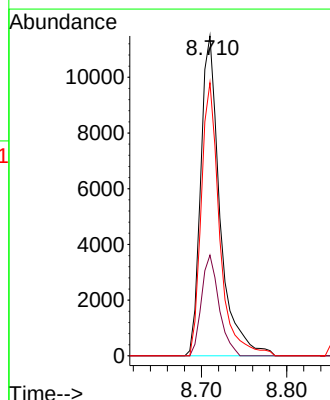
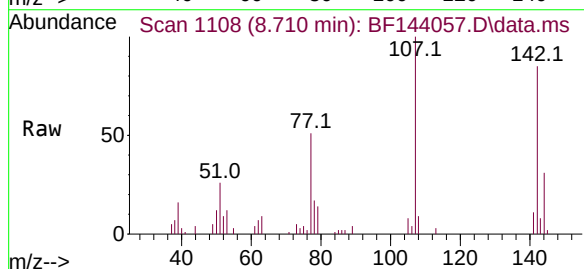
Tgt Ion:107 Resp: 18077

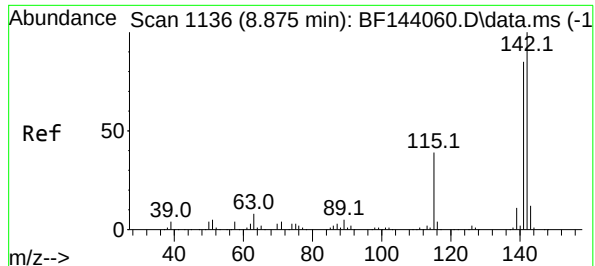
Ion Ratio Lower Upper

107 100

144 31.5 21.6 32.4

142 85.4 65.4 98.0





#37

2-Methylnaphthalene

Concen: 5.766 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

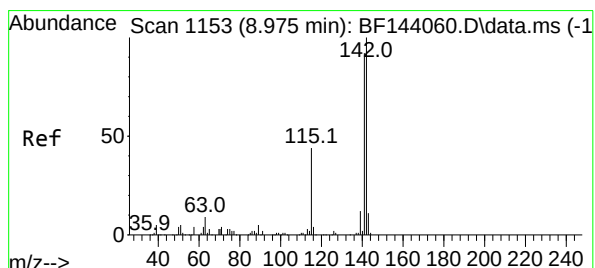
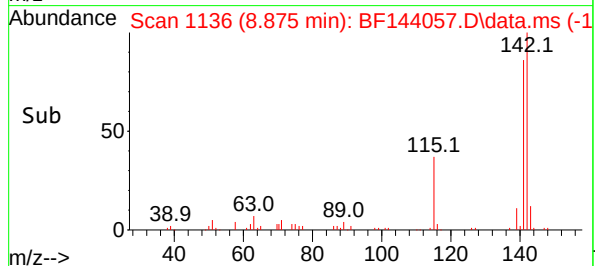
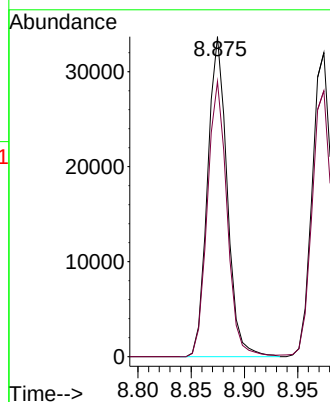
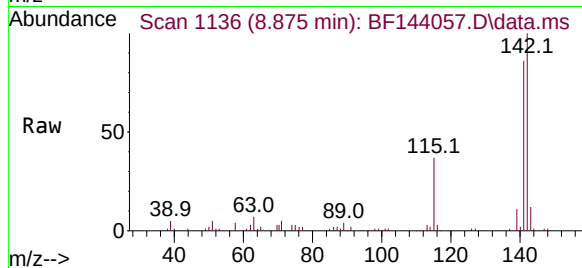
SSTDICC005

Tgt Ion:142 Resp: 43006

Ion Ratio Lower Upper

142 100

141 86.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 5.806 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144057.D

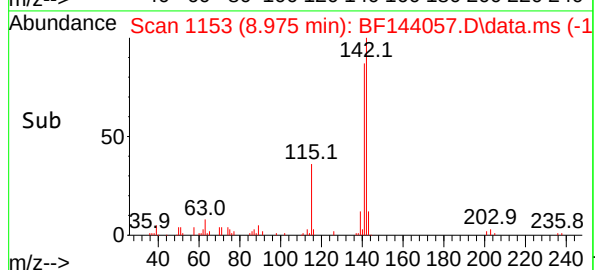
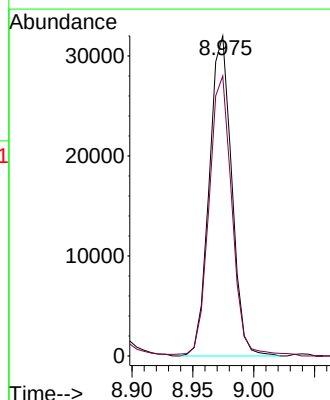
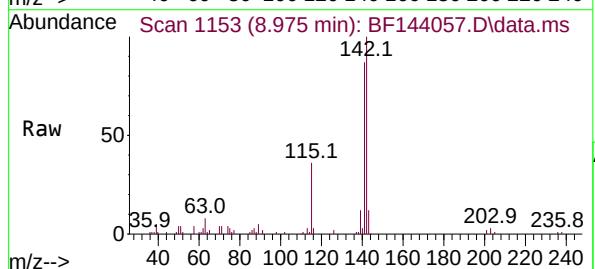
Acq: 24 Oct 2025 10:42

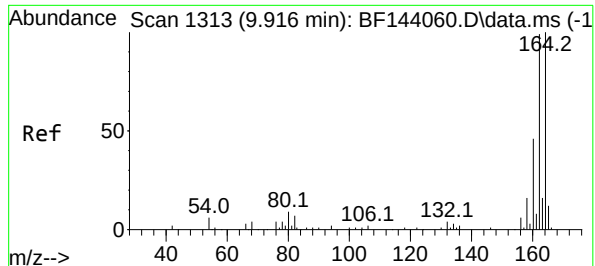
Tgt Ion:142 Resp: 41029

Ion Ratio Lower Upper

142 100

141 87.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

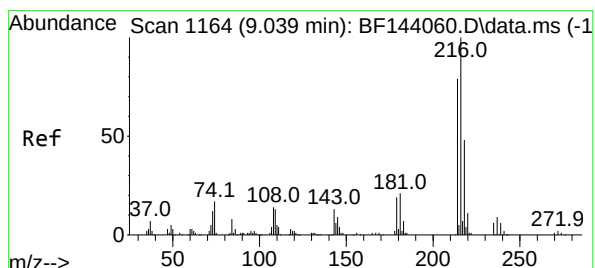
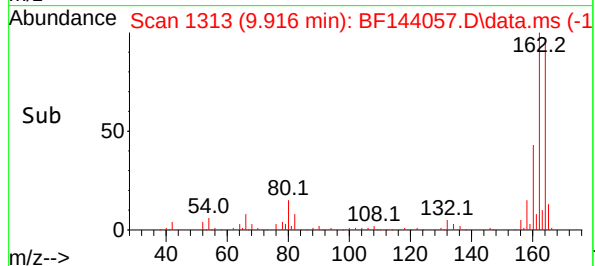
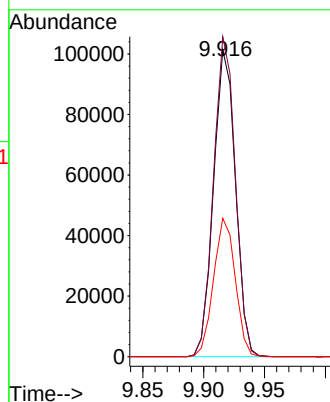
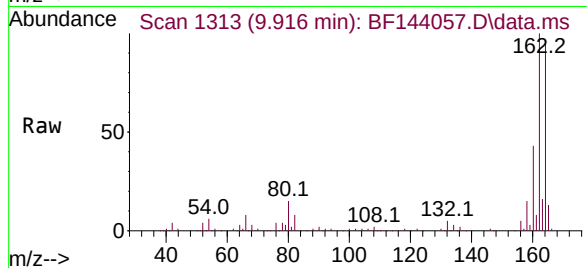
Tgt Ion:164 Resp: 127182

Ion Ratio Lower Upper

164 100

162 104.2 79.4 119.2

160 45.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.651 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:216 Resp: 24701

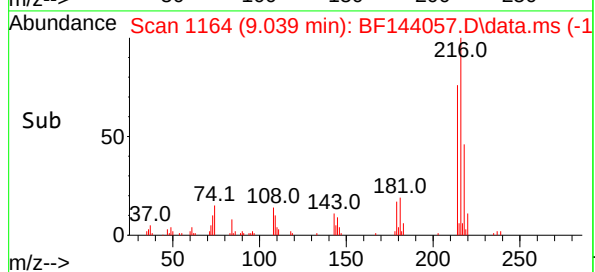
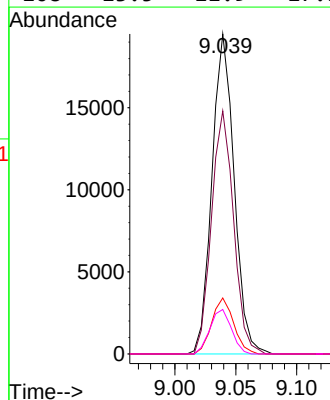
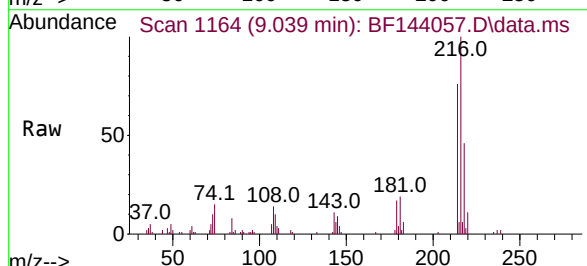
Ion Ratio Lower Upper

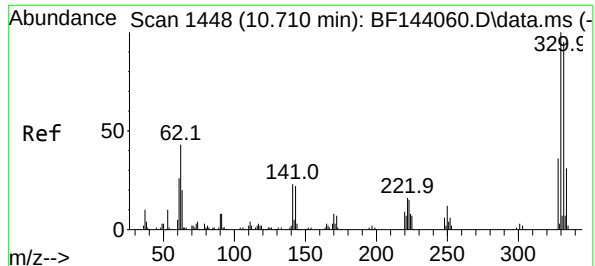
216 100

214 75.6 63.2 94.8

179 17.3 15.2 22.8

108 13.5 11.9 17.9





#42

2,4,6-Tribromophenol

Concen: 9.848 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

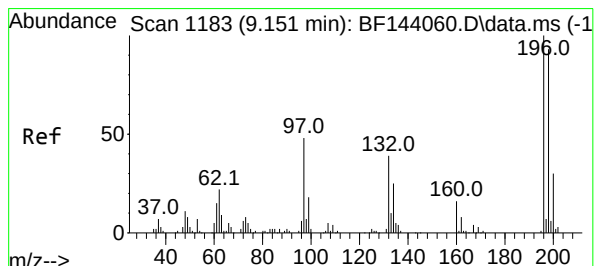
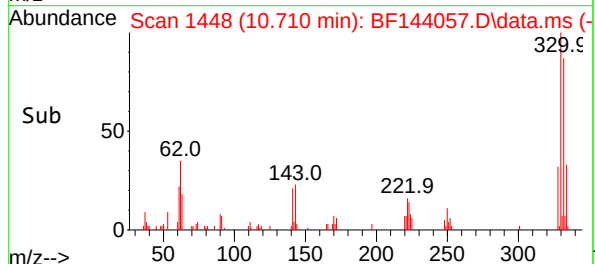
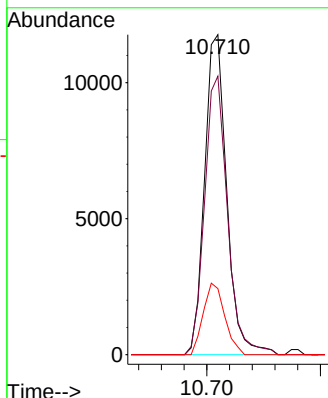
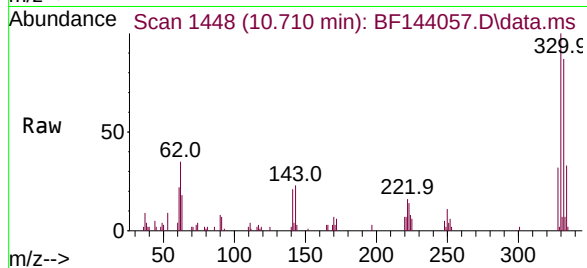
Tgt Ion:330 Resp: 15954

Ion Ratio Lower Upper

330 100

332 89.7 77.0 115.6

141 21.6 19.4 29.0



#43

2,4,6-Trichlorophenol

Concen: 4.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

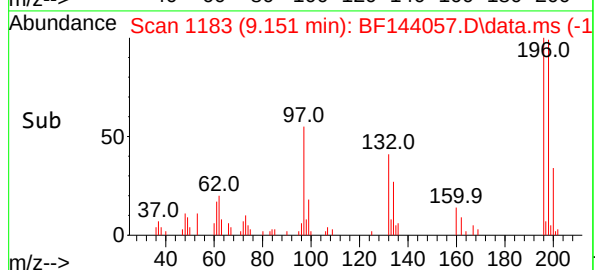
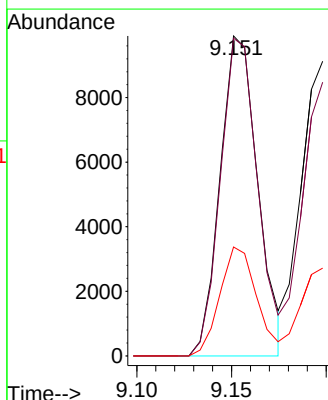
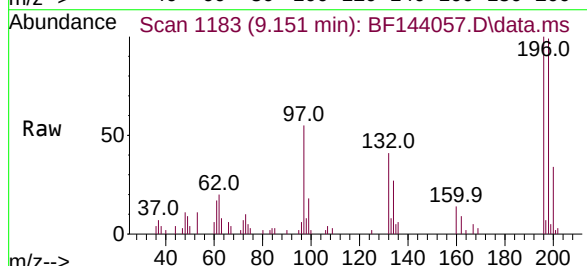
Tgt Ion:196 Resp: 13673

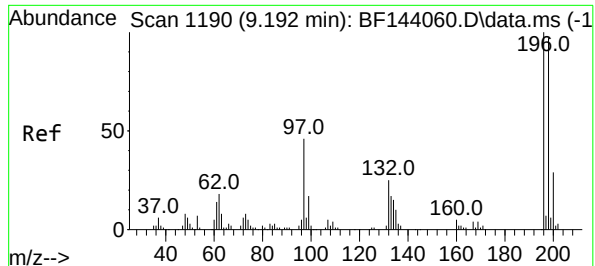
Ion Ratio Lower Upper

196 100

198 99.3 74.4 111.6

200 34.0 23.8 35.8





#44

2,4,5-Trichlorophenol

Concen: 5.208 ng

RT: 9.198 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 15530

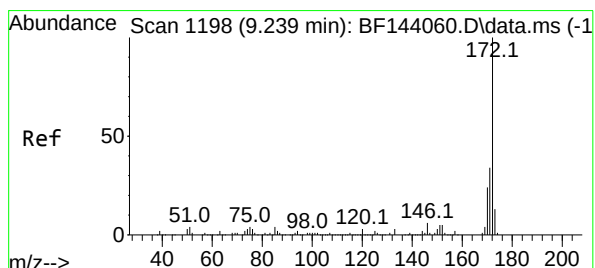
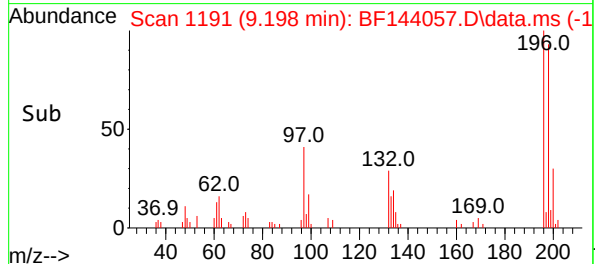
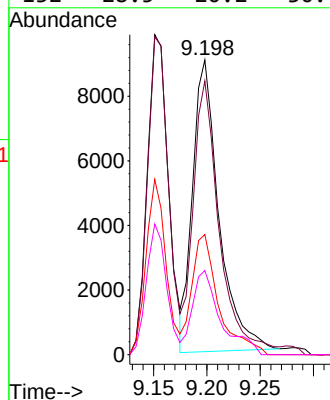
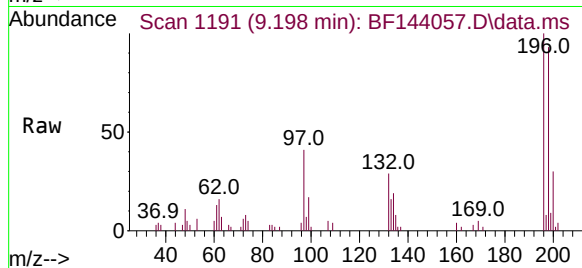
Ion Ratio Lower Upper

196 100

198 92.9 78.0 117.0

97 40.7 37.7 56.5

132 28.5 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 11.641 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

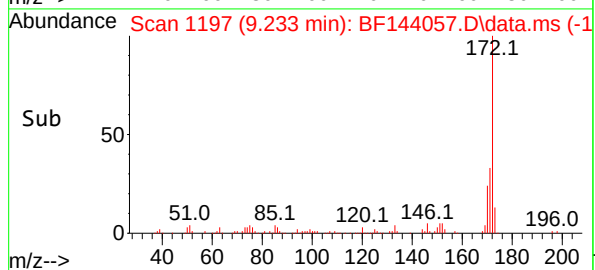
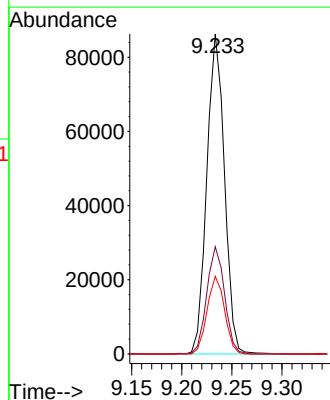
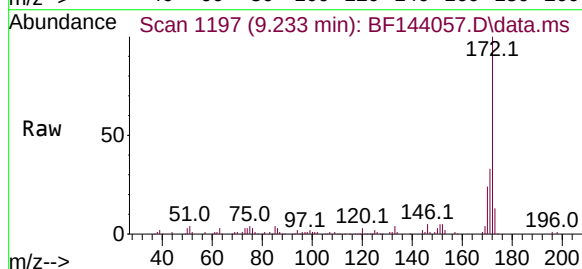
Tgt Ion:172 Resp: 105210

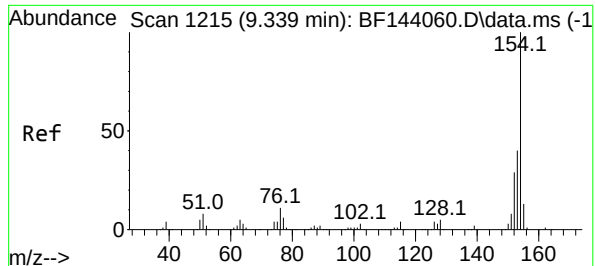
Ion Ratio Lower Upper

172 100

171 33.5 27.5 41.3

170 24.2 19.0 28.6





#46

1,1'-Biphenyl

Concen: 5.635 ng

RT: 9.333 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

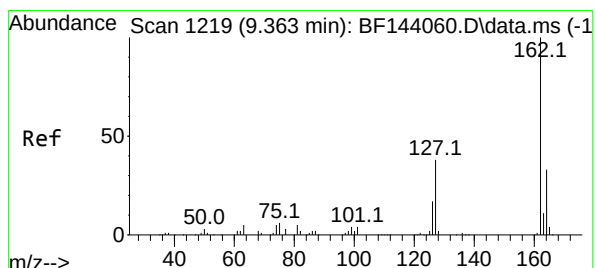
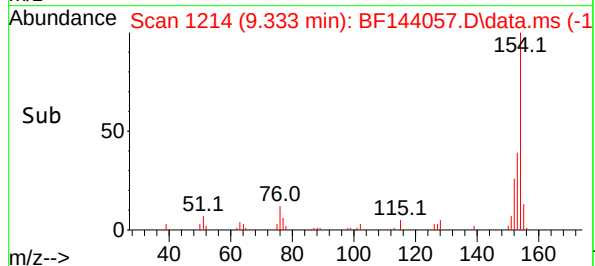
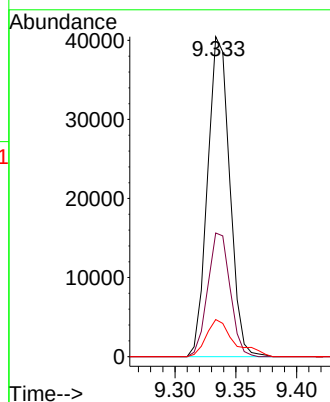
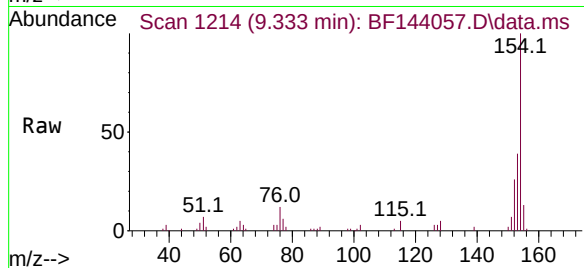
Tgt Ion:154 Resp: 51299

Ion Ratio Lower Upper

154 100

153 38.6 19.7 59.7

76 11.6 0.0 31.1



#47

2-Chloronaphthalene

Concen: 5.571 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

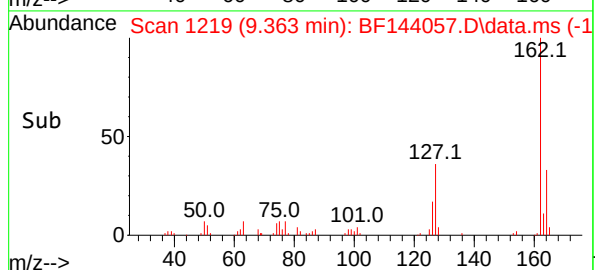
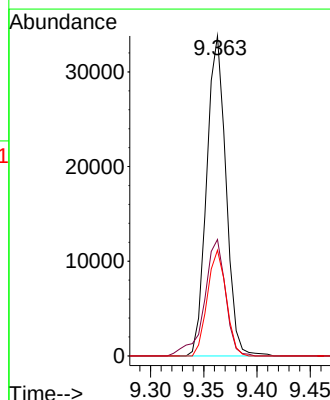
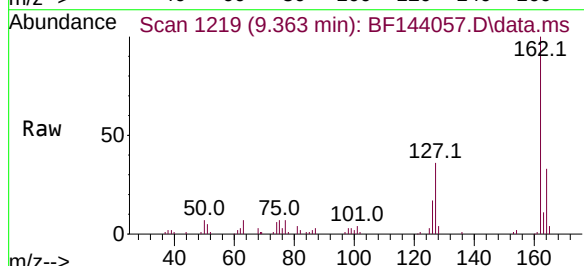
Tgt Ion:162 Resp: 42492

Ion Ratio Lower Upper

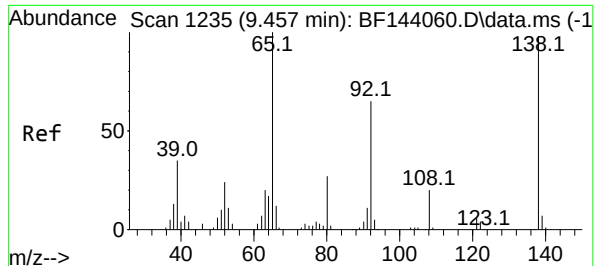
162 100

127 36.4 31.6 47.4

164 33.0 26.5 39.7



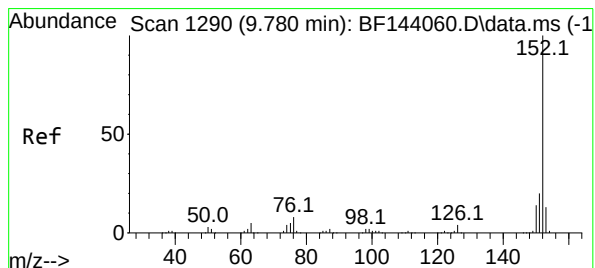
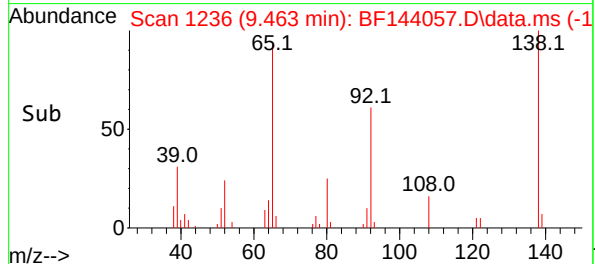
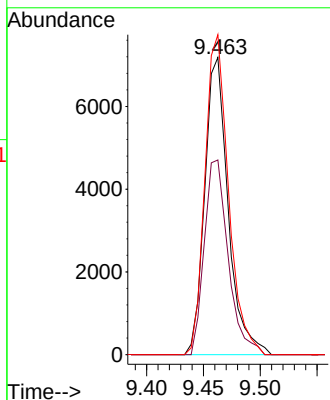
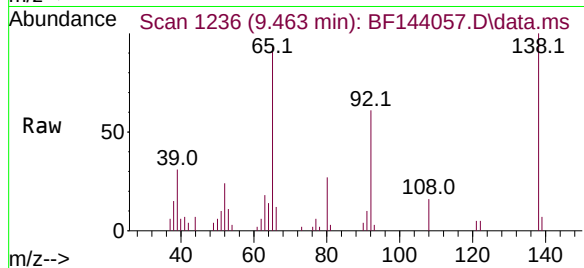




#48  
2-Nitroaniline  
Concen: 4.568 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. 0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

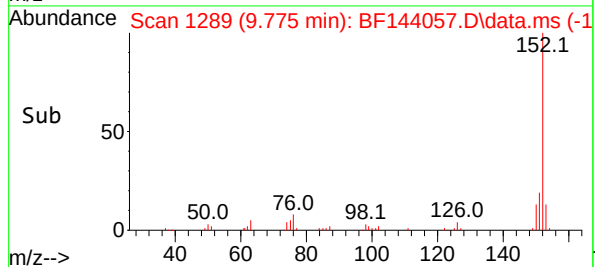
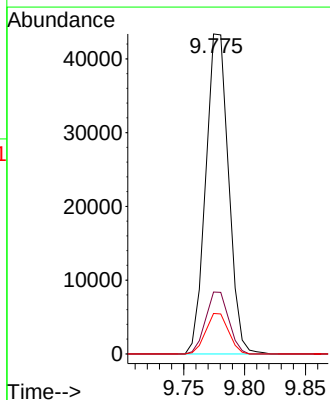
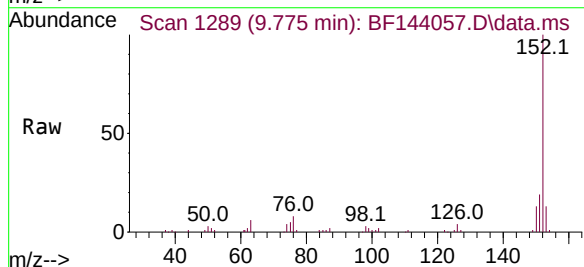
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

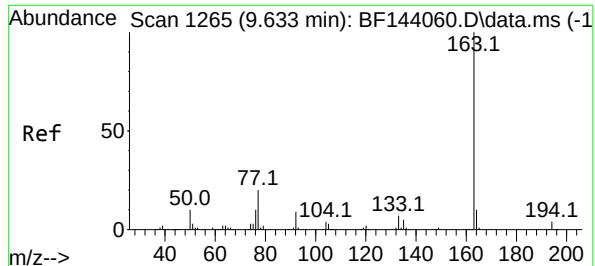
| Tgt Ion:  | 65    | Resp: | 10347 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 65.5  | 52.3  | 78.5  |
| 138       | 107.7 | 78.3  | 117.5 |



#49  
Acenaphthylene  
Concen: 5.502 ng  
RT: 9.775 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

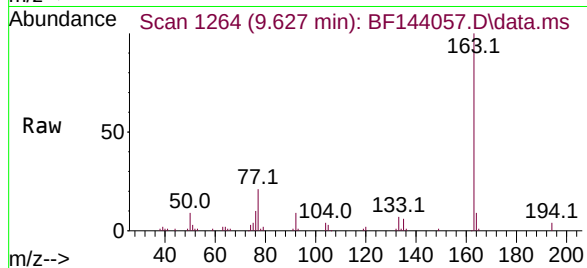
| Tgt Ion:  | 152   | Resp: | 56586 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.4  | 15.9  | 23.9  |
| 153       | 12.6  | 10.4  | 15.6  |



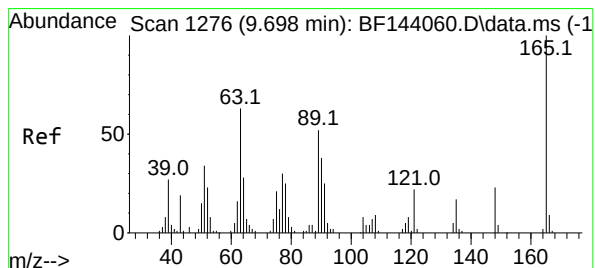
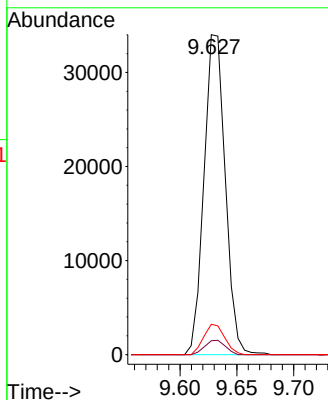
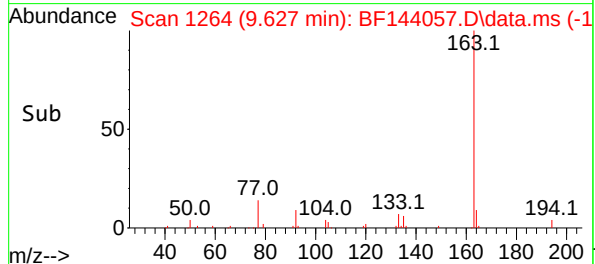


#50  
Dimethylphthalate  
Concen: 5.332 ng  
RT: 9.627 min Scan# 1264  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

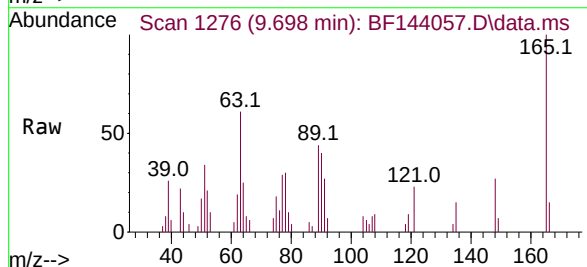
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



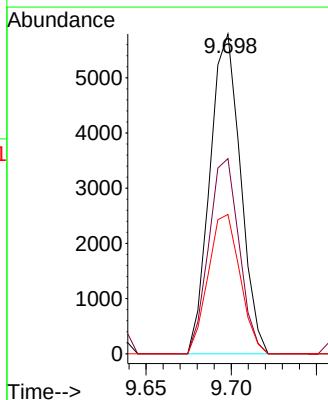
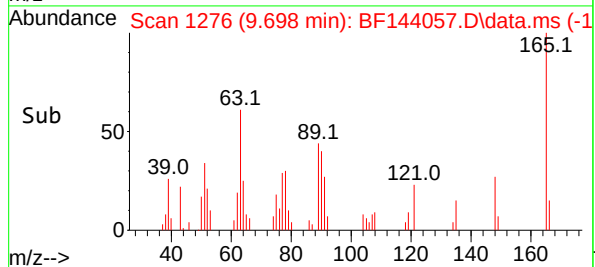
Tgt Ion:163 Resp: 44452  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 9.5 7.8 11.8

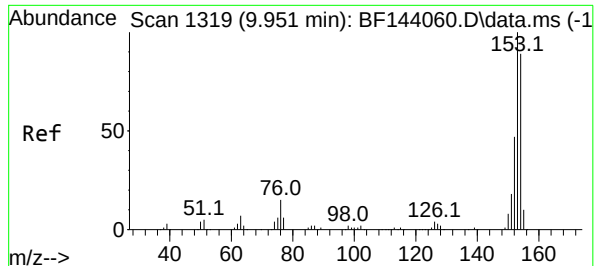


#51  
2,6-Dinitrotoluene  
Concen: 4.392 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42



Tgt Ion:165 Resp: 7239  
Ion Ratio Lower Upper  
165 100  
63 61.0 50.4 75.6  
89 43.6 41.4 62.2

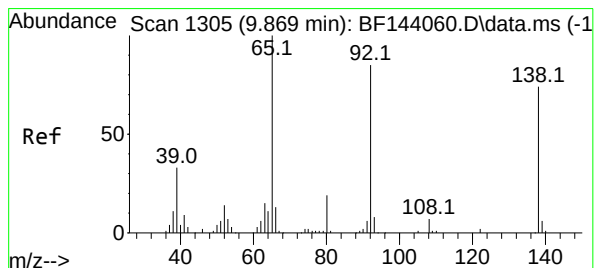
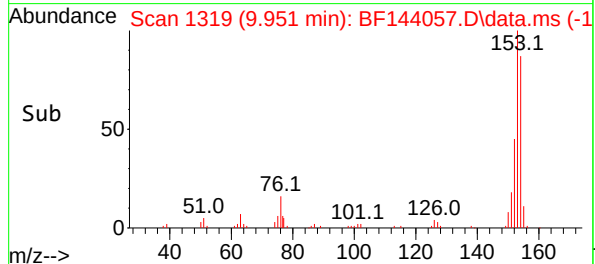
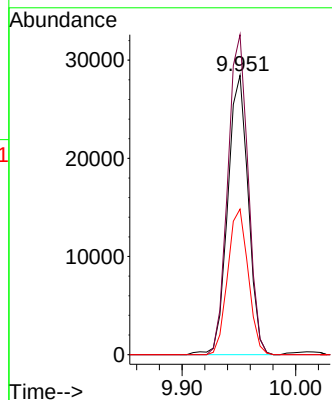
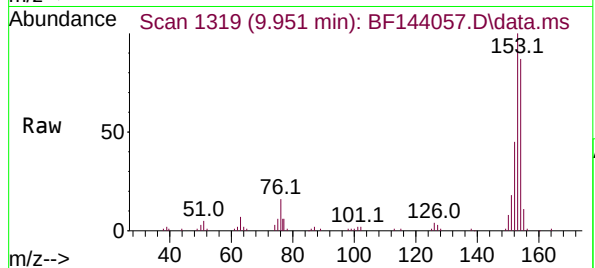




#52  
Acenaphthene  
Concen: 5.208 ng  
RT: 9.951 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

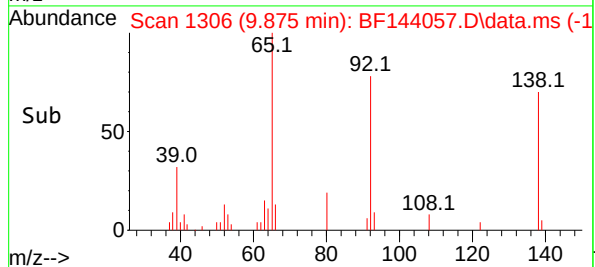
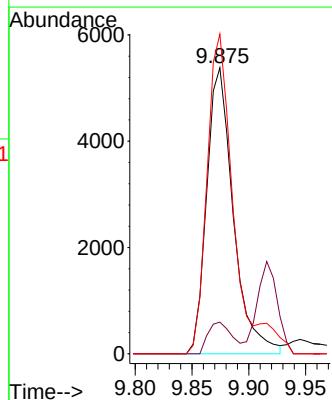
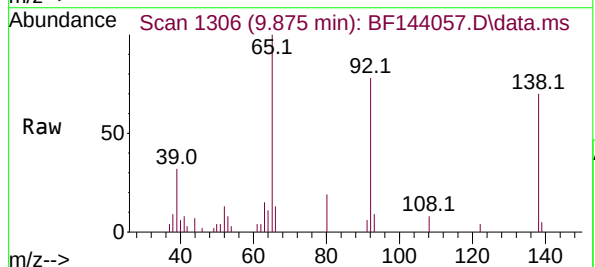
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

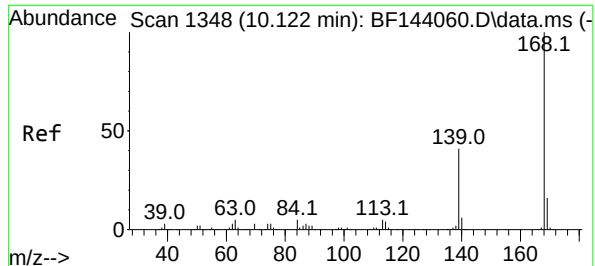
Tgt Ion:154 Resp: 35769  
Ion Ratio Lower Upper  
154 100  
153 114.6 89.9 134.9  
152 52.1 42.0 63.0



#53  
3-Nitroaniline  
Concen: 4.792 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion:138 Resp: 8780  
Ion Ratio Lower Upper  
138 100  
108 11.1 7.9 11.9  
92 111.8 92.0 138.0





#55

Dibenzofuran

Concen: 5.620 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

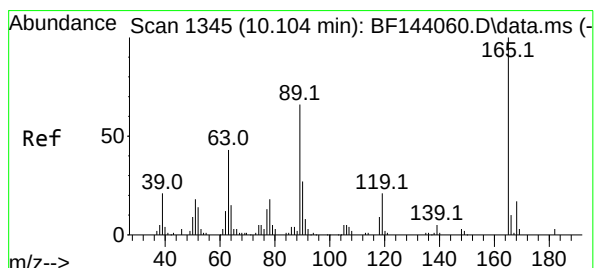
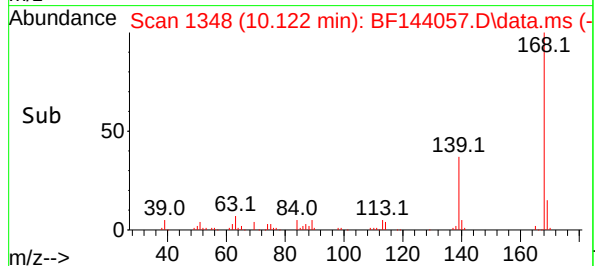
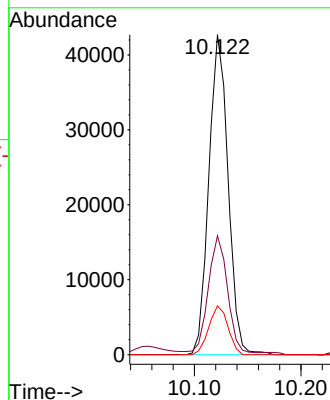
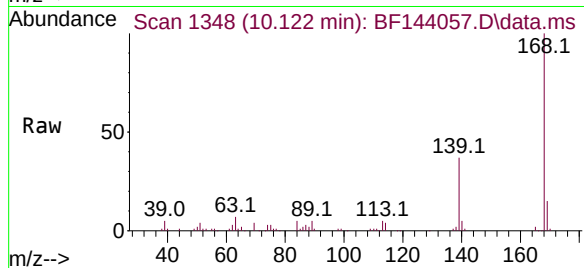
Tgt Ion:168 Resp: 53591

Ion Ratio Lower Upper

168 100

139 37.1 33.2 49.8

169 15.2 12.6 19.0



#57

2,4-Dinitrotoluene

Concen: 4.312 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:165 Resp: 9591

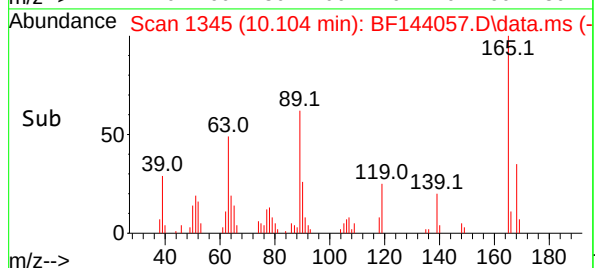
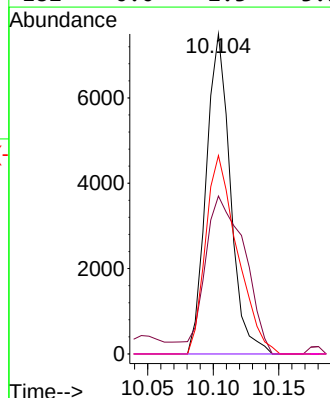
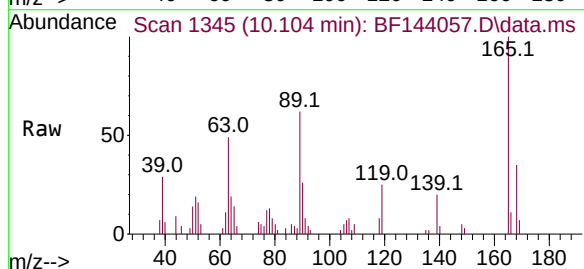
Ion Ratio Lower Upper

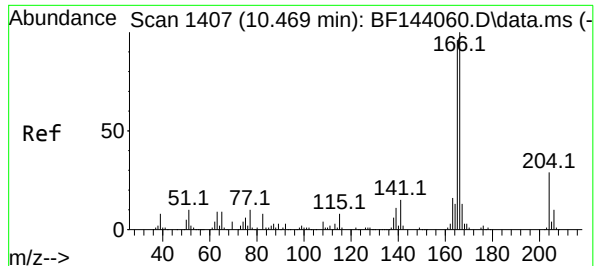
165 100

63 49.3 35.4 53.2

89 62.0 52.7 79.1

182 0.0 2.3 3.5#

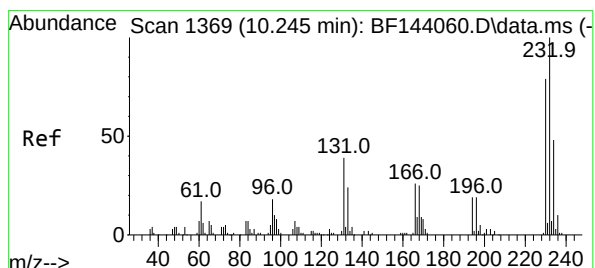
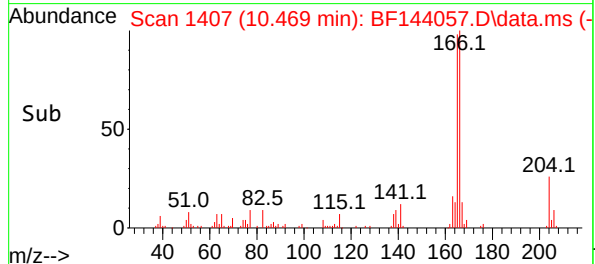
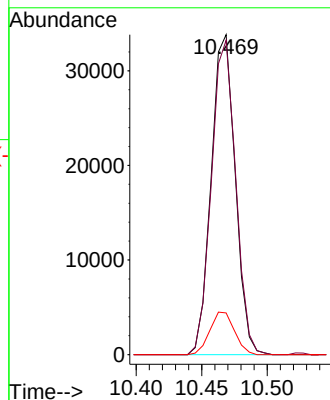
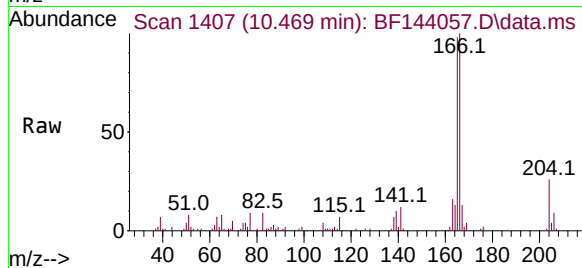




#58  
Fluorene  
Concen: 5.948 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

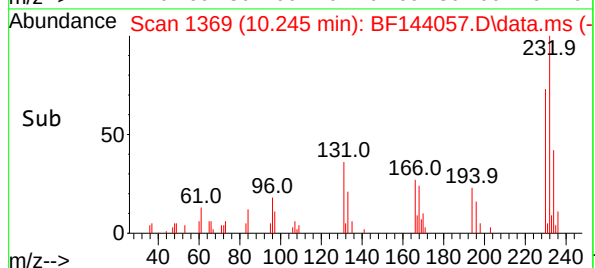
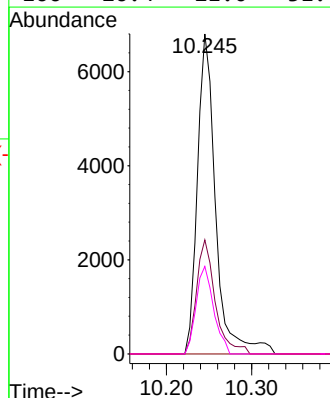
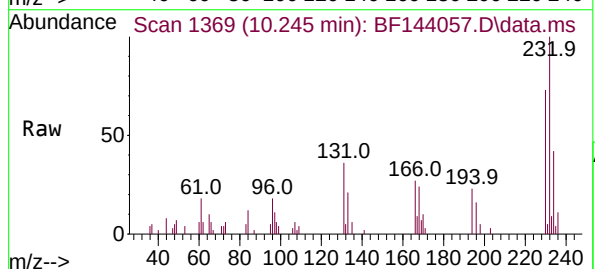
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

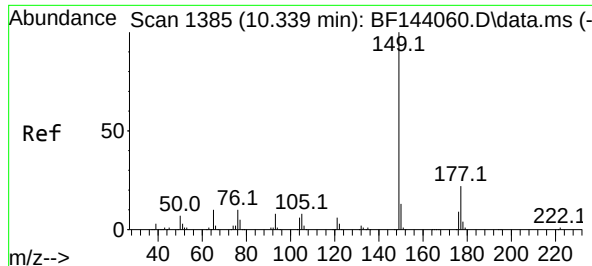
| Tgt Ion:  | 166   | Resp: | 43217 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 98.3  | 77.0  | 115.4 |
| 167       | 13.0  | 10.2  | 15.4  |



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.793 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

| Tgt Ion:  | 232   | Resp: | 10071 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 36.6  | 31.9  | 47.9  |
| 130       | 0.0   | 1.1   | 1.7#  |
| 166       | 26.4  | 21.0  | 31.4  |

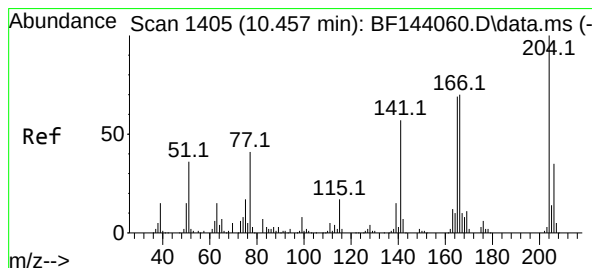
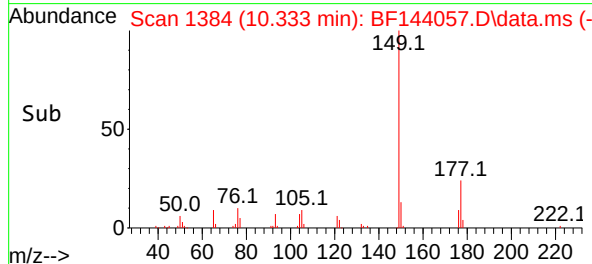
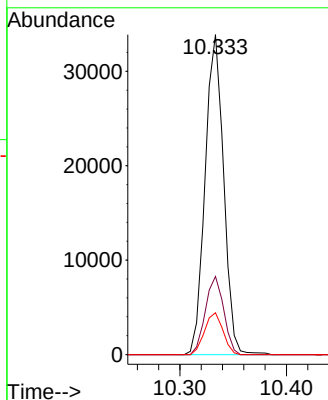
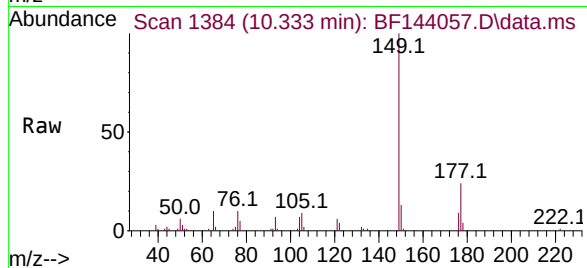




#60  
Diethylphthalate  
Concen: 5.215 ng  
RT: 10.333 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

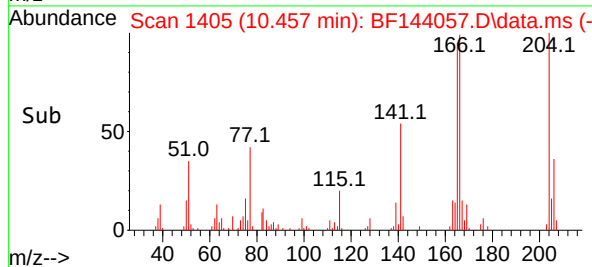
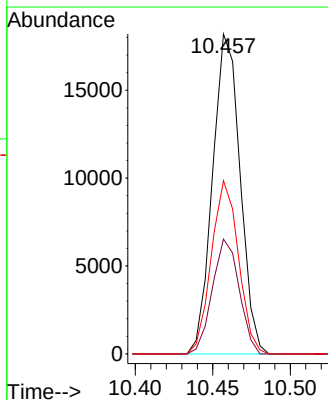
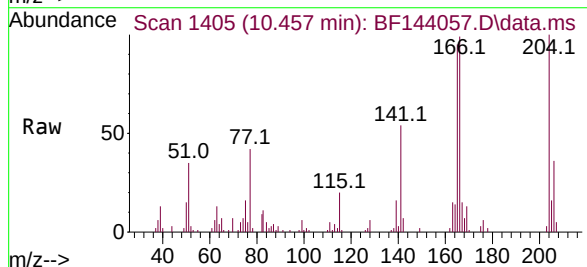
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

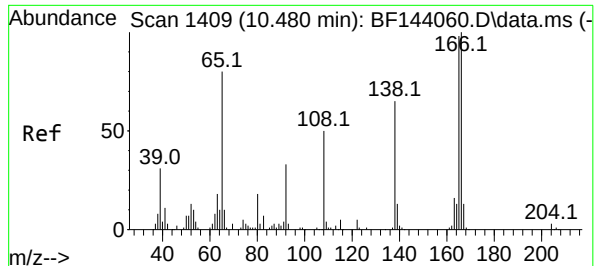
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.4  | 17.8  | 26.6  |
| 150     | 13.1  | 10.1  | 15.1  |



#61  
4-Chlorophenyl-phenylether  
Concen: 5.491 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.9  | 27.8  | 41.6  |
| 141     | 54.1  | 45.4  | 68.2  |

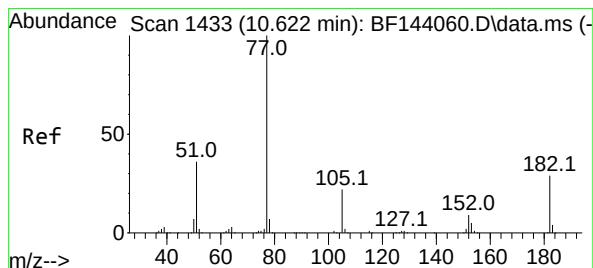
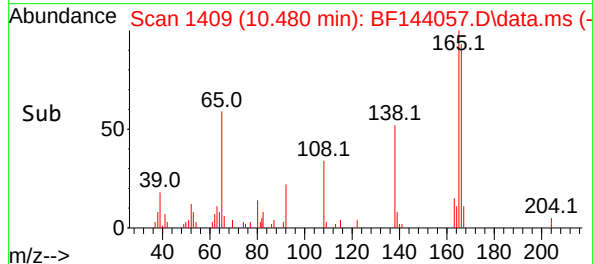
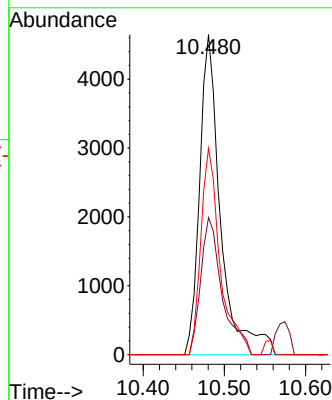
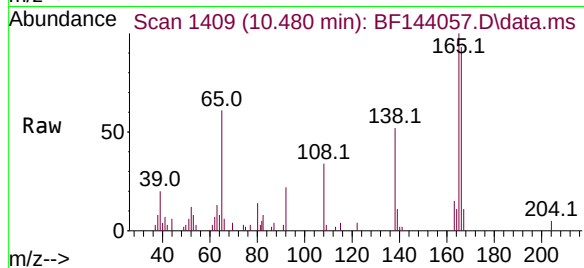




#62  
4-Nitroaniline  
Concen: 4.789 ng  
RT: 10.480 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

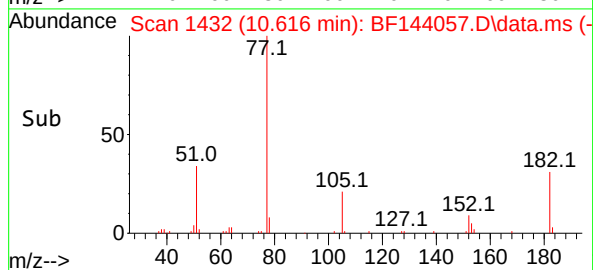
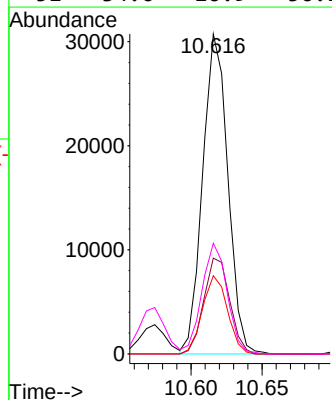
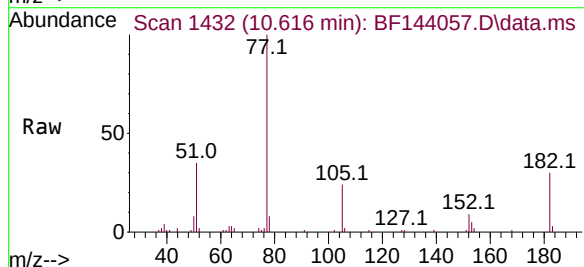
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

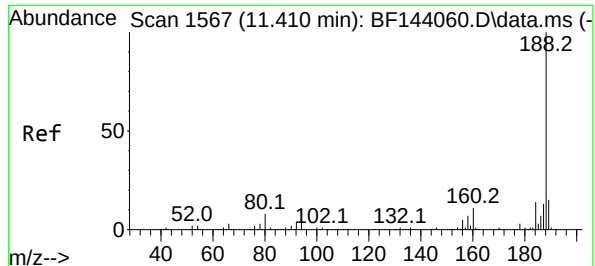
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 42.8  | 30.5  | 70.5  |
| 108     | 64.5  | 56.2  | 96.2  |



#63  
Azobenzene  
Concen: 5.106 ng  
RT: 10.616 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.9  | 9.0   | 49.0  |
| 105     | 24.4  | 1.4   | 41.4  |
| 51      | 34.6  | 16.9  | 56.9  |

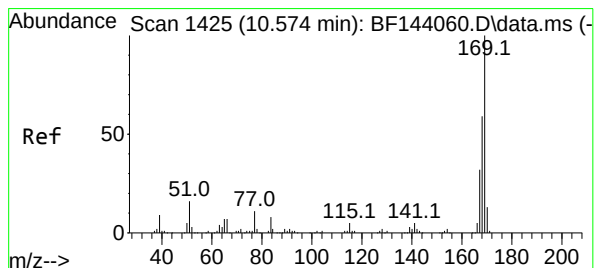
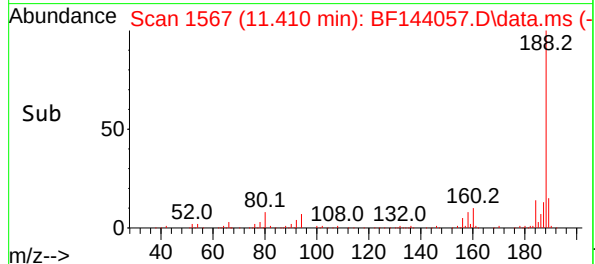
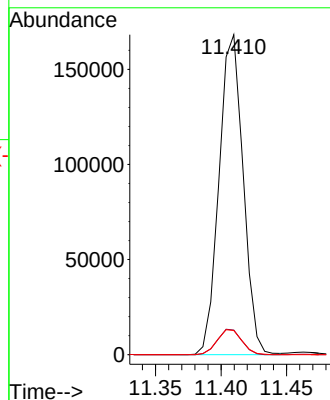
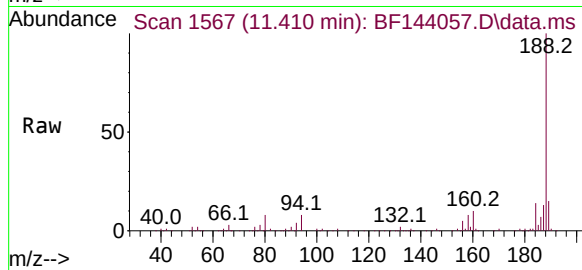




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

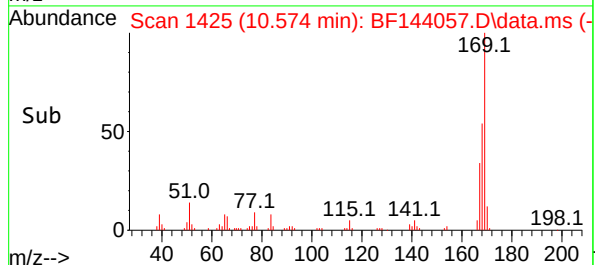
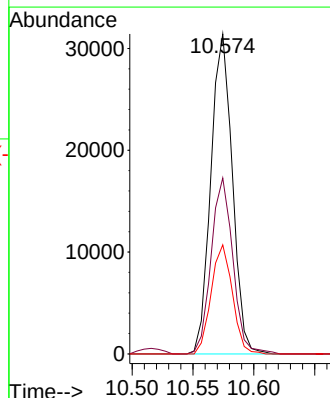
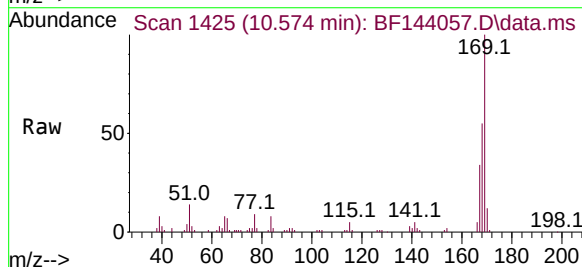
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:188 Resp: 215493  
Ion Ratio Lower Upper  
188 100  
94 7.7 5.4 8.0  
80 7.5 6.0 9.0

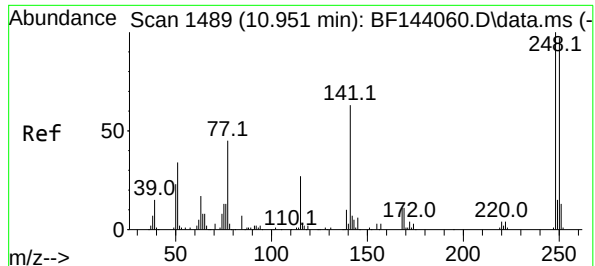


#66  
n-Nitrosodiphenylamine  
Concen: 5.599 ng  
RT: 10.574 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion:169 Resp: 38552  
Ion Ratio Lower Upper  
169 100  
168 55.0 47.4 71.2  
167 34.1 25.5 38.3



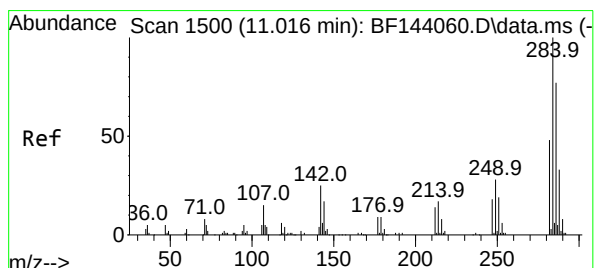
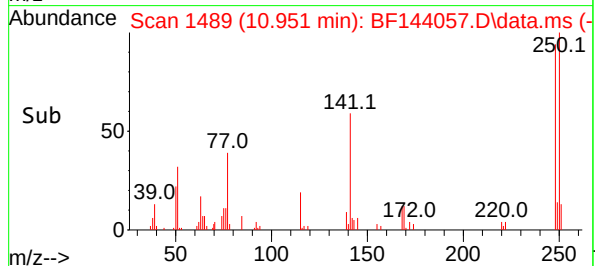
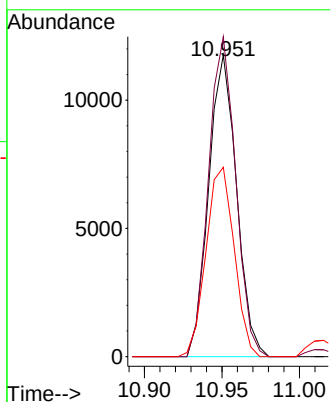
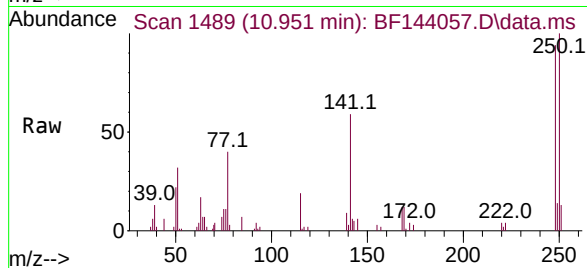




#67  
4-Bromophenyl-phenylether  
Concen: 5.466 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

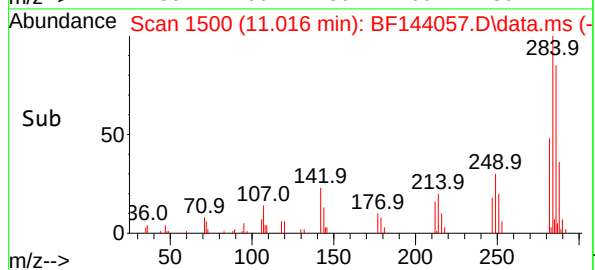
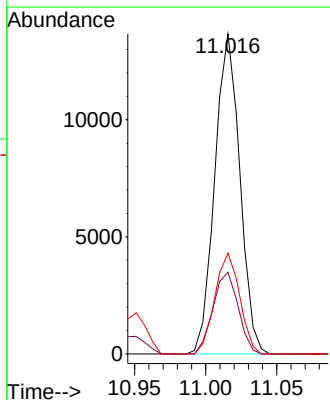
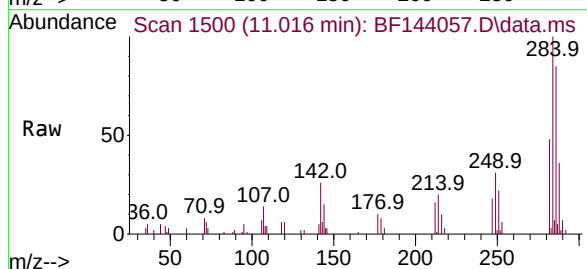
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

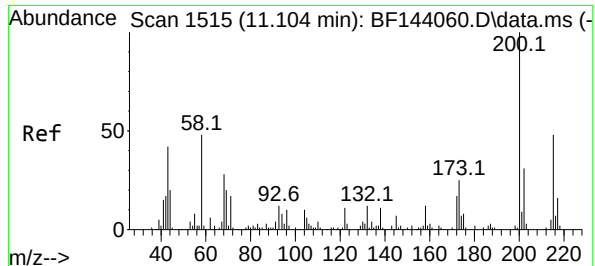
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 106.1 | 77.8  | 116.6 |
| 141     | 62.8  | 50.5  | 75.7  |



#68  
Hexachlorobenzene  
Concen: 5.070 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.5  | 20.0  | 30.0  |
| 249     | 31.5  | 22.2  | 33.2  |





#69

Atrazine

Concen: 5.458 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

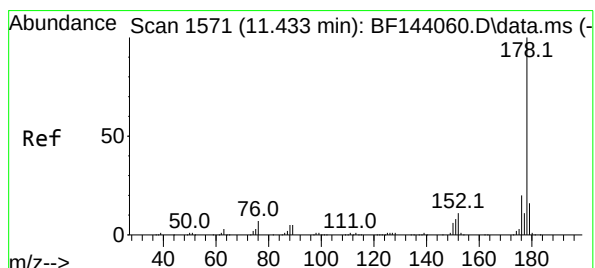
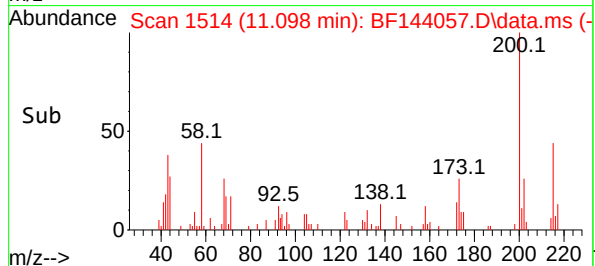
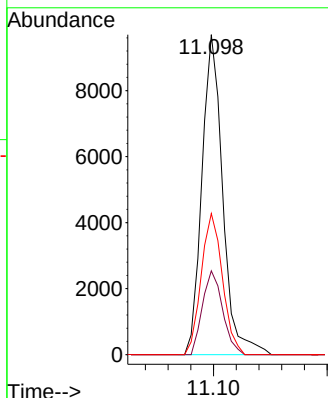
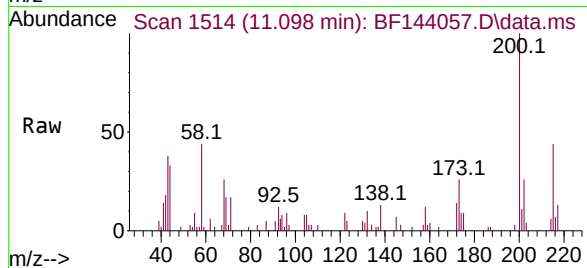
Tgt Ion:200 Resp: 12331

Ion Ratio Lower Upper

200 100

173 26.2 4.9 44.9

215 44.1 28.2 68.2



#71

Phenanthrene

Concen: 5.398 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

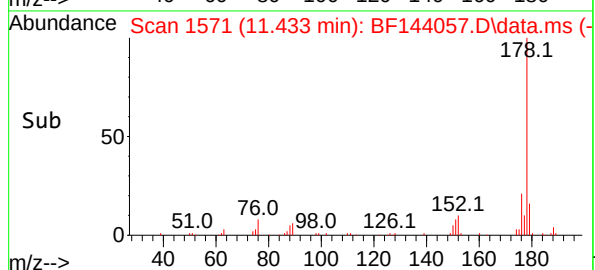
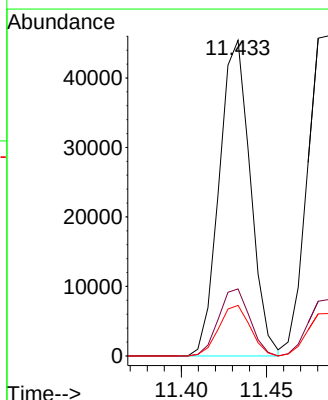
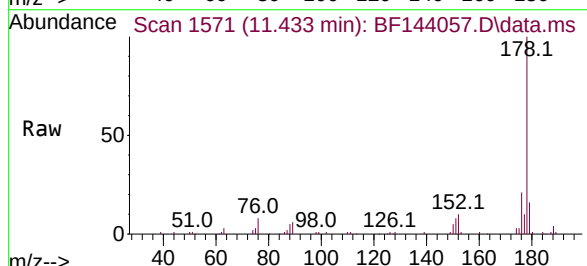
Tgt Ion:178 Resp: 57785

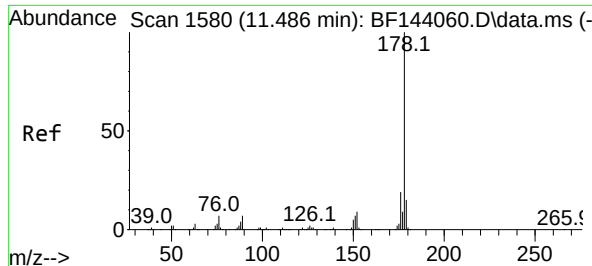
Ion Ratio Lower Upper

178 100

176 21.2 16.3 24.5

179 16.0 12.6 18.8

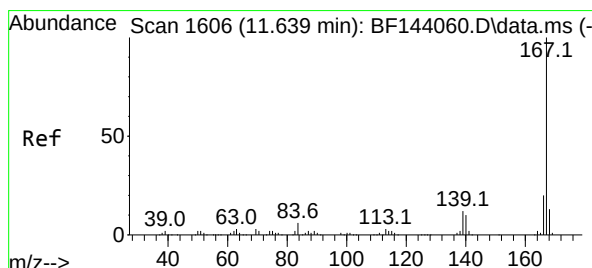
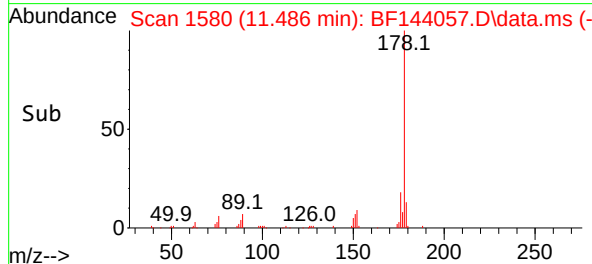
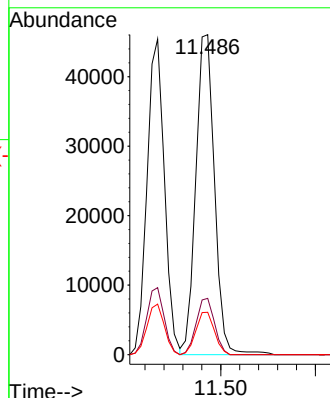
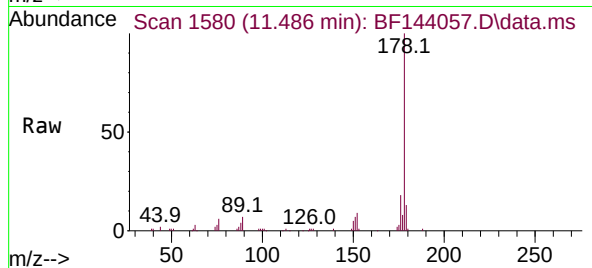




#72  
Anthracene  
Concen: 5.704 ng  
RT: 11.486 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

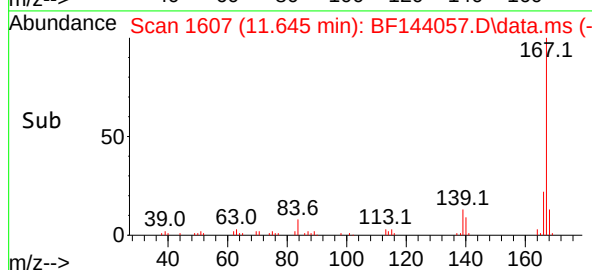
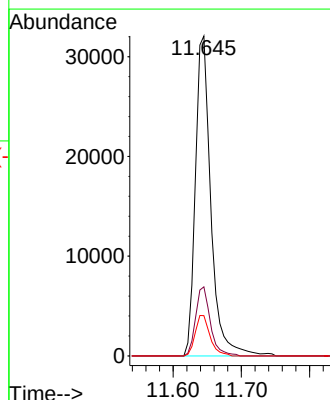
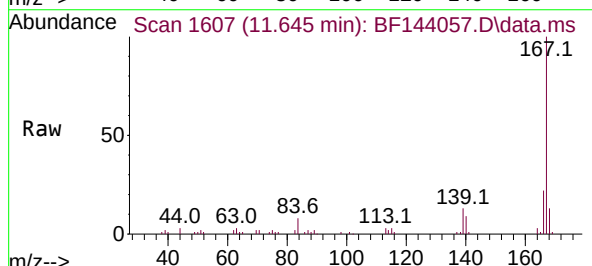
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

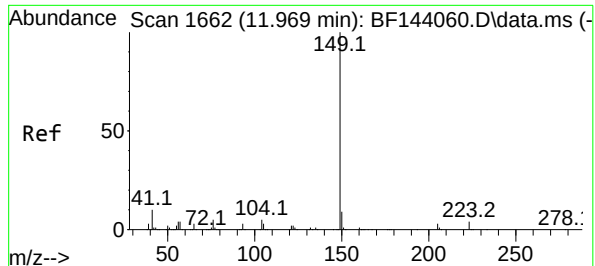
Tgt Ion:178 Resp: 63077  
Ion Ratio Lower Upper  
178 100  
176 17.6 15.0 22.4  
179 13.2 11.8 17.6



#73  
Carbazole  
Concen: 5.399 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. 0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion:167 Resp: 50818  
Ion Ratio Lower Upper  
167 100  
166 21.6 16.1 24.1  
139 12.6 9.8 14.6

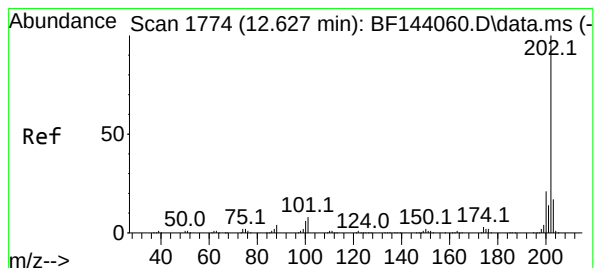
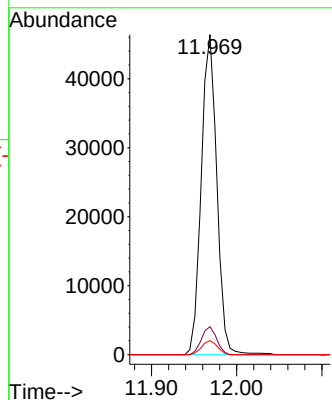
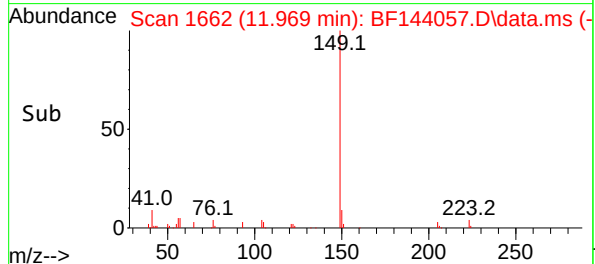
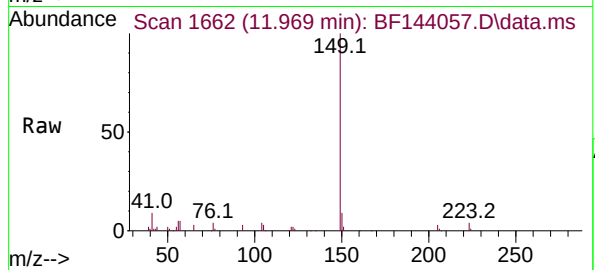




#74  
Di-n-butylphthalate  
Concen: 5.088 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

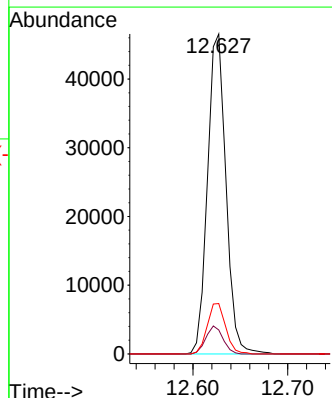
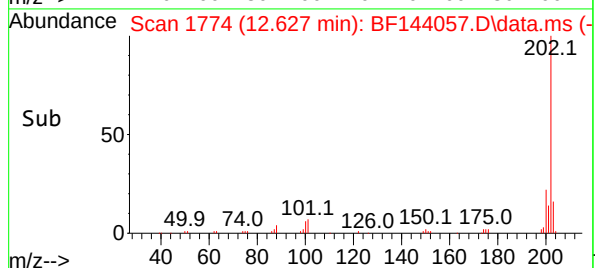
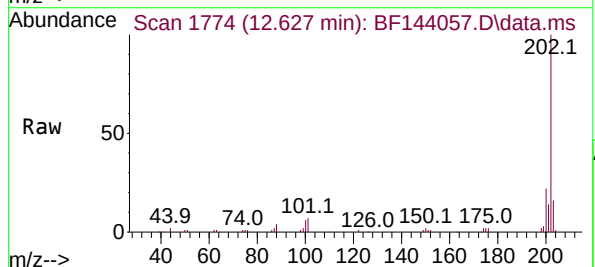
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

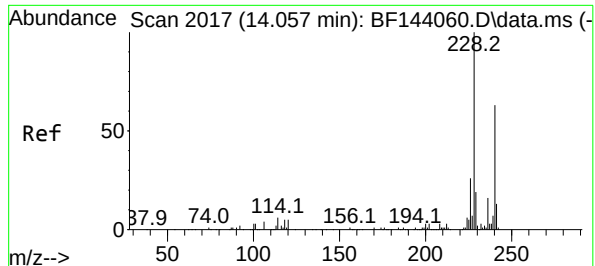
Tgt Ion:149 Resp: 58713  
Ion Ratio Lower Upper  
149 100  
150 8.7 7.3 10.9  
104 4.4 3.6 5.4



#75  
Fluoranthene  
Concen: 5.333 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion:202 Resp: 63073  
Ion Ratio Lower Upper  
202 100  
101 7.5 0.0 27.7  
203 15.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

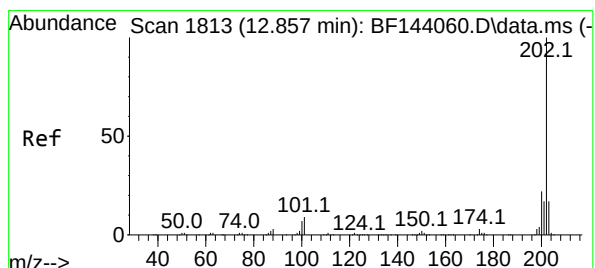
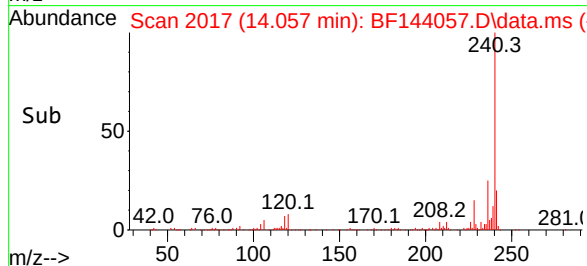
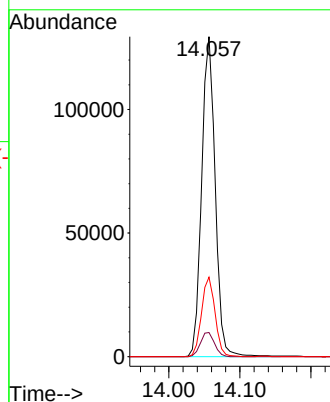
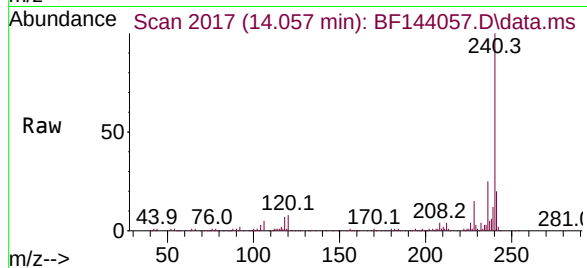
Tgt Ion:240 Resp: 170453

Ion Ratio Lower Upper

240 100

120 7.5 6.5 9.7

236 24.8 20.1 30.1



#78

Pyrene

Concen: 5.573 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

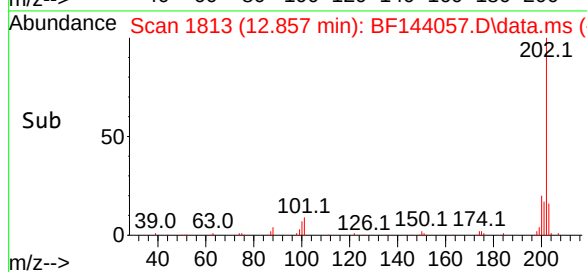
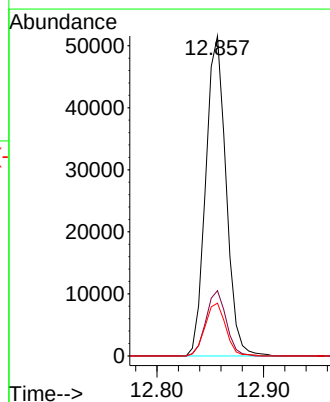
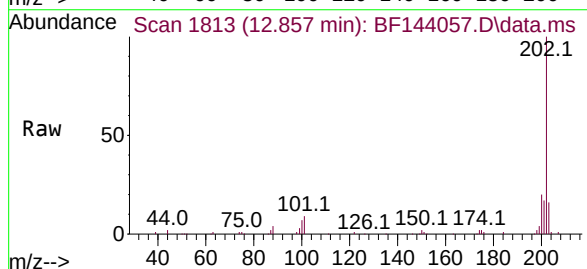
Tgt Ion:202 Resp: 68289

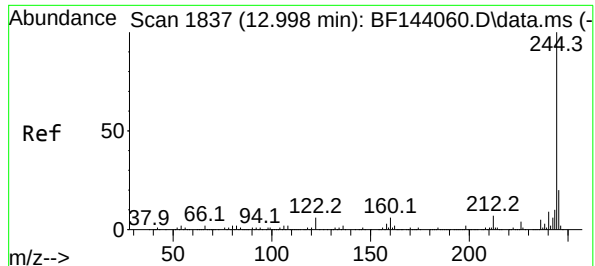
Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 16.5 13.5 20.3





#79

Terphenyl-d14

Concen: 11.189 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

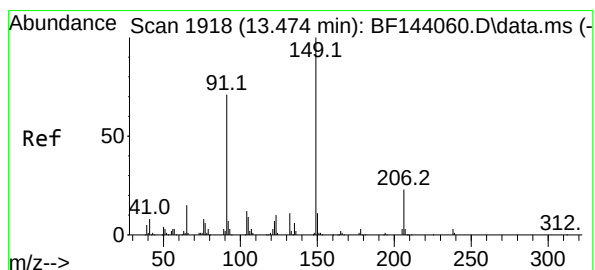
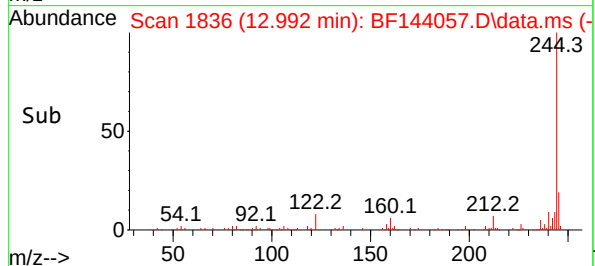
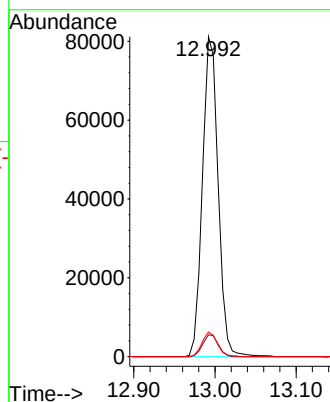
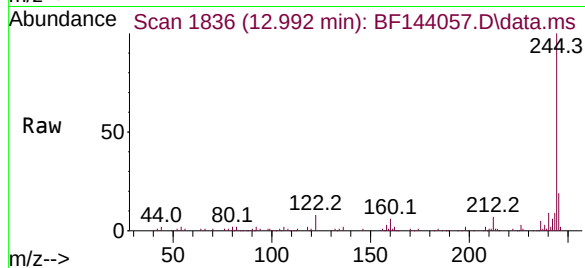
Tgt Ion:244 Resp: 109089

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 7.7 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 4.669 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

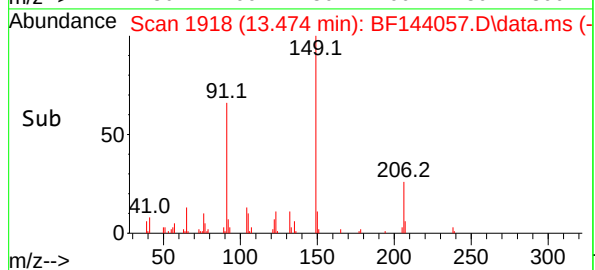
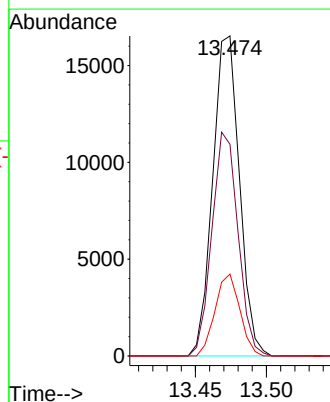
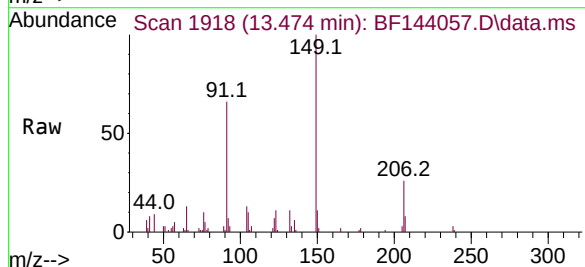
Tgt Ion:149 Resp: 21644

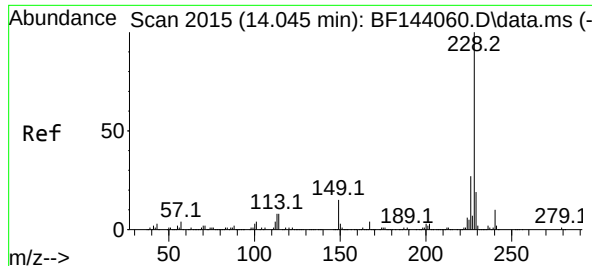
Ion Ratio Lower Upper

149 100

91 66.1 56.6 84.8

206 25.6 18.3 27.5

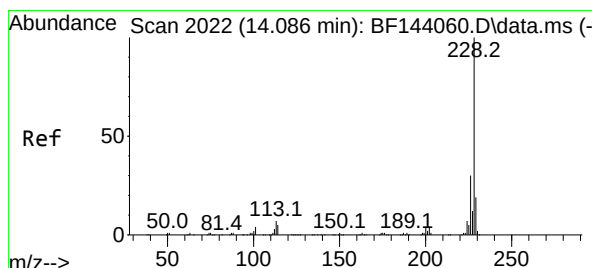
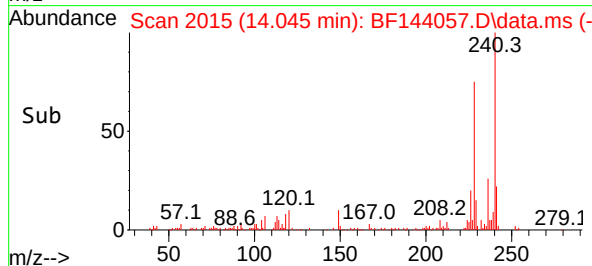
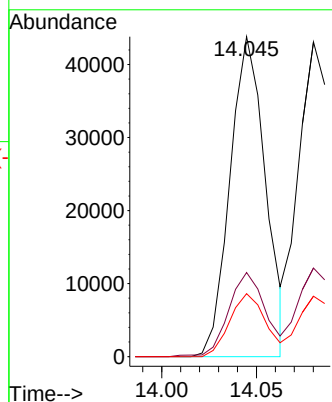
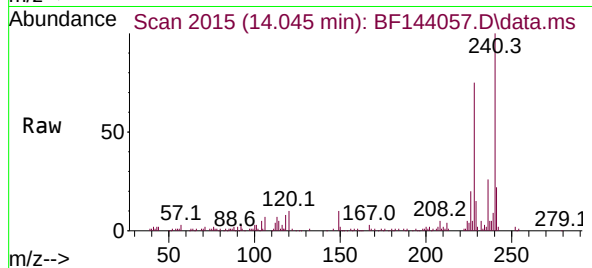




#81  
Benzo(a)anthracene  
Concen: 4.960 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

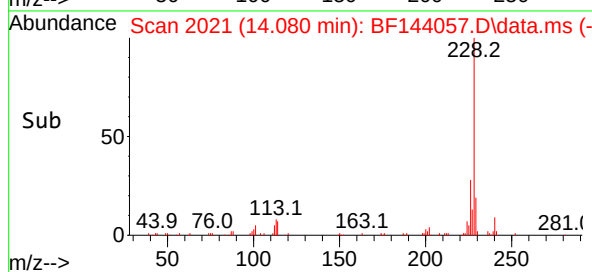
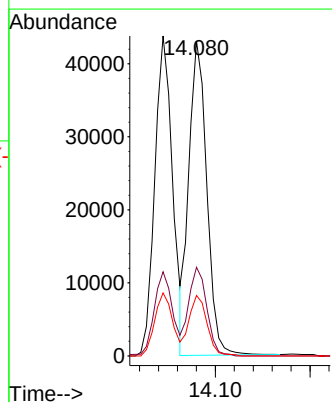
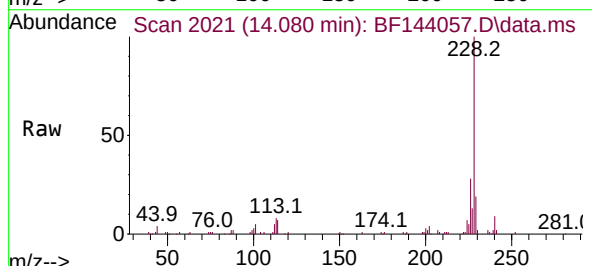
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

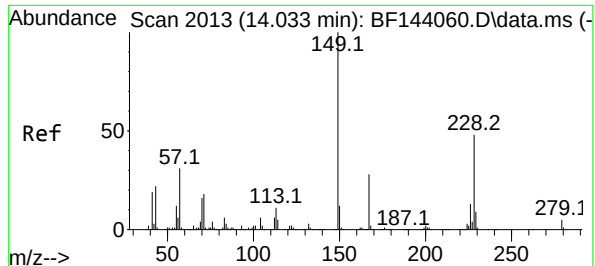
Tgt Ion:228 Resp: 57138  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.4 32.2  
229 19.7 15.3 22.9



#83  
Chrysene  
Concen: 5.245 ng  
RT: 14.080 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion:228 Resp: 56694  
Ion Ratio Lower Upper  
228 100  
226 28.2 23.8 35.6  
229 19.2 15.6 23.4

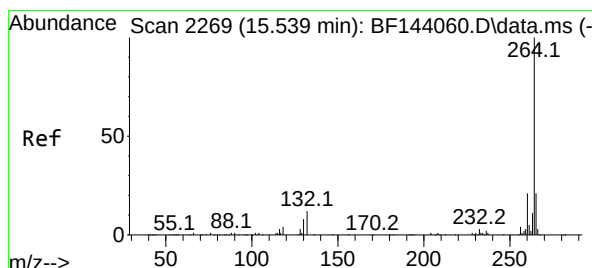
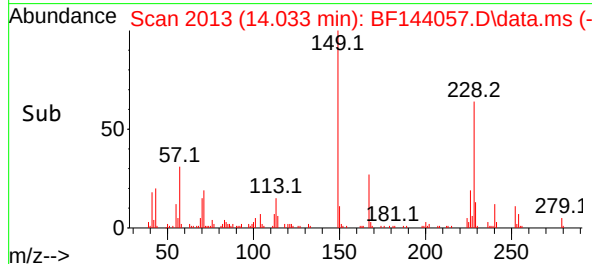
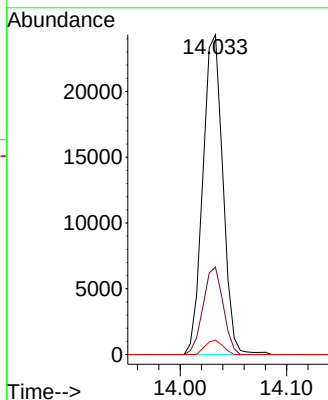
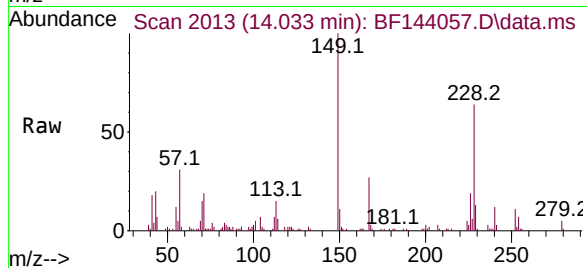




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.013 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

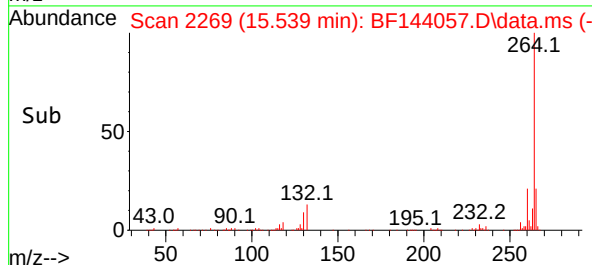
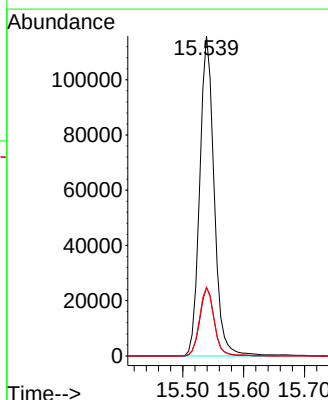
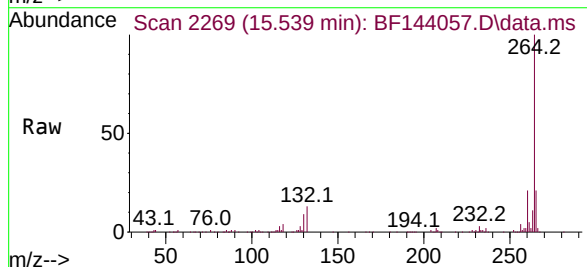
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:149 Resp: 31727  
Ion Ratio Lower Upper  
149 100  
167 27.3 22.5 33.7  
279 4.5 3.6 5.4

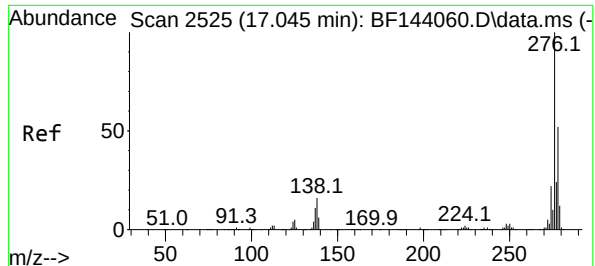


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.000 min  
Lab File: BF144057.D  
Acq: 24 Oct 2025 10:42

Tgt Ion:264 Resp: 190551  
Ion Ratio Lower Upper  
264 100  
260 21.4 17.0 25.4  
265 21.5 16.6 24.8







#87

Indeno(1,2,3-cd)pyrene

Concen: 4.918 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

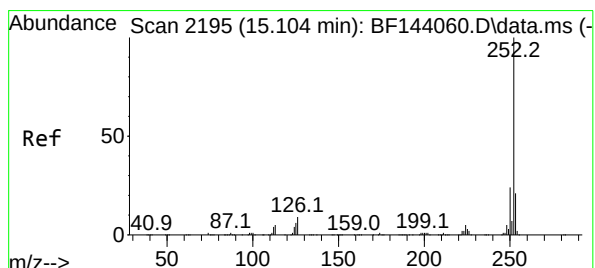
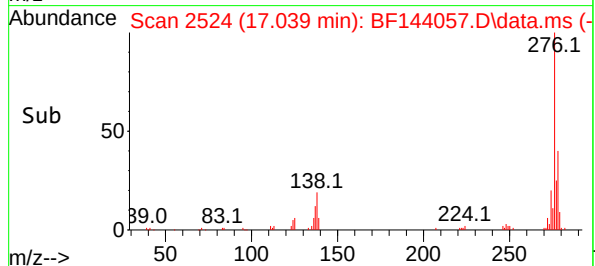
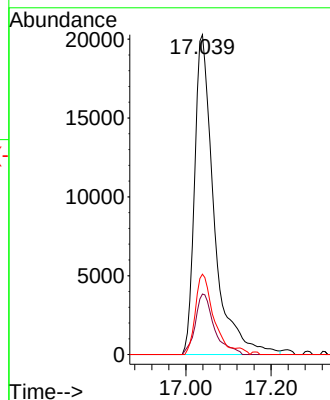
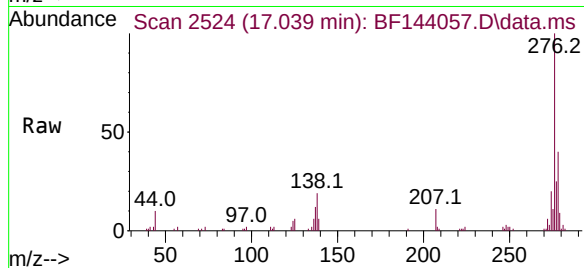
Tgt Ion:276 Resp: 64345

Ion Ratio Lower Upper

276 100

138 18.4 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 5.014 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

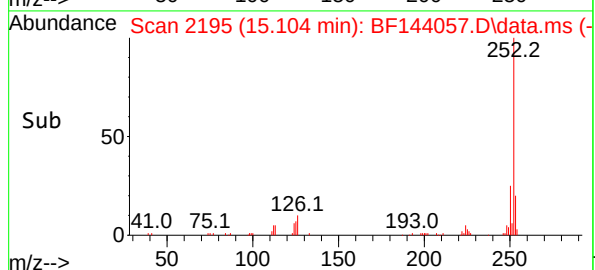
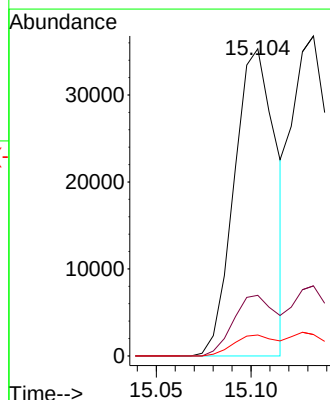
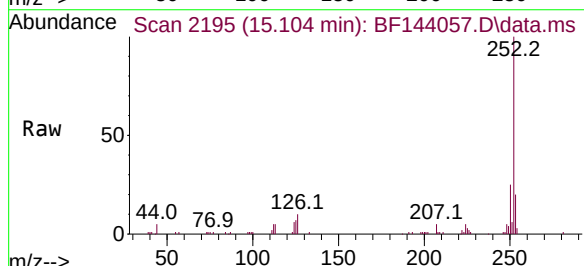
Tgt Ion:252 Resp: 54015

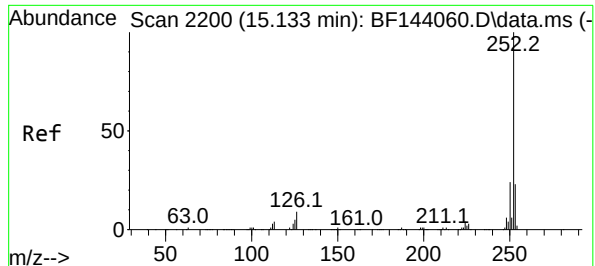
Ion Ratio Lower Upper

252 100

253 19.7 17.2 25.8

125 6.8 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 5.782 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

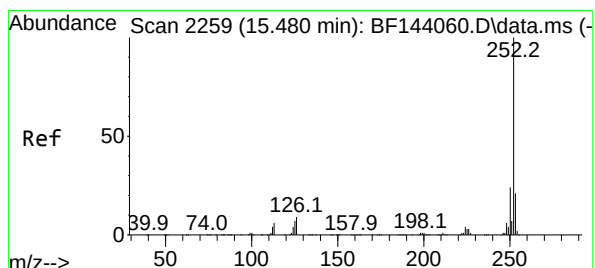
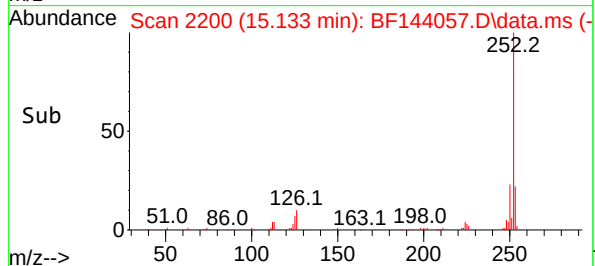
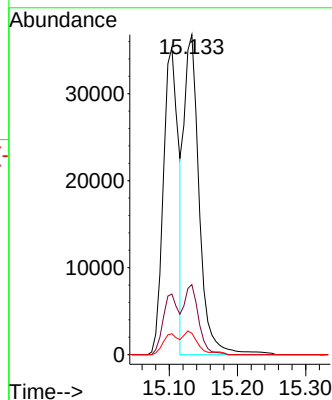
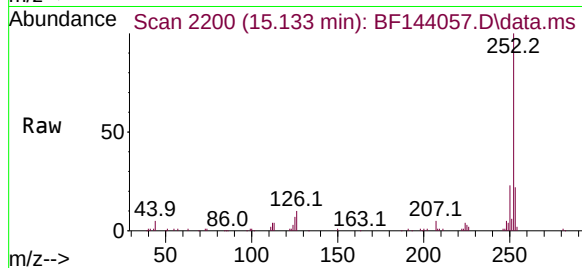
Tgt Ion:252 Resp: 57466

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 6.7 4.9 7.3



#90

Benzo(a)pyrene

Concen: 5.173 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

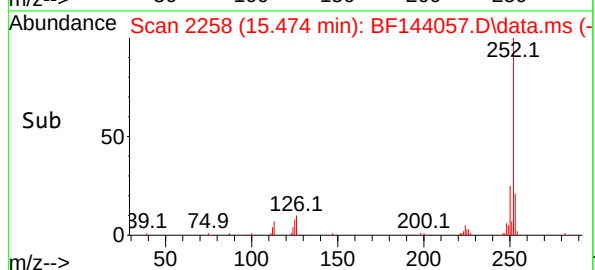
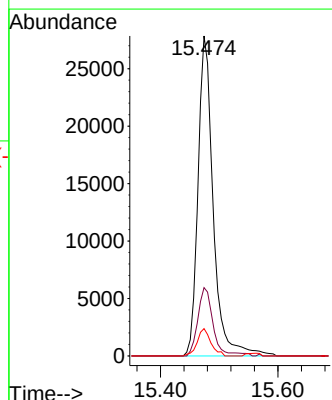
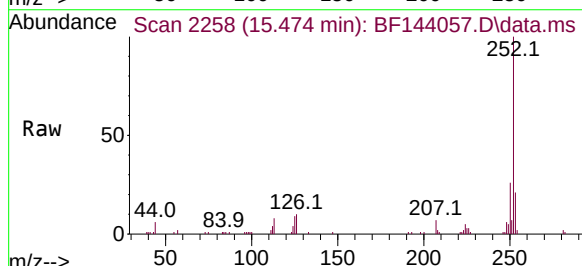
Tgt Ion:252 Resp: 49993

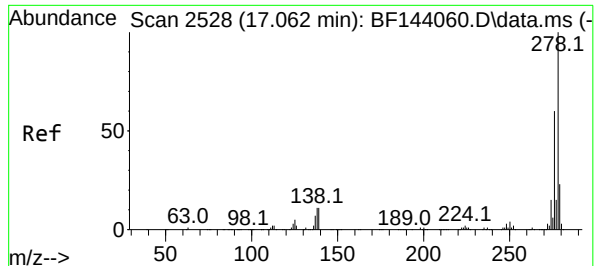
Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

125 8.5 5.4 8.2#





#91

Dibenzo(a,h)anthracene

Concen: 4.865 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

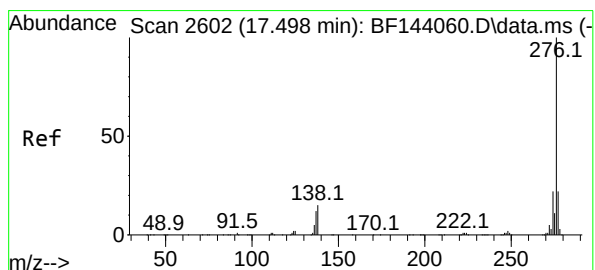
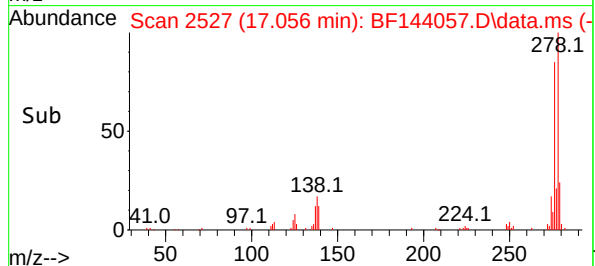
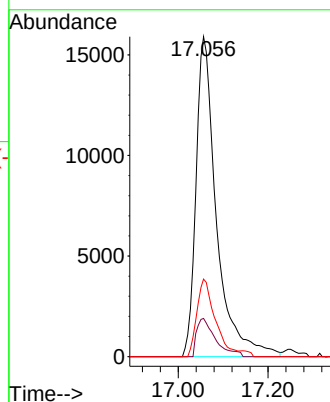
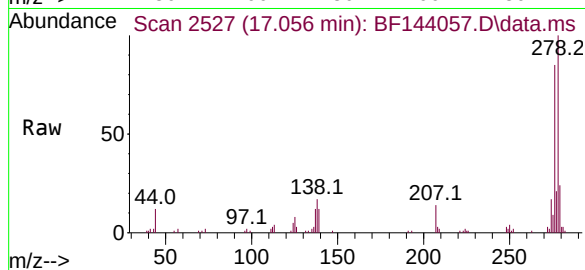
Tgt Ion:278 Resp: 50377

Ion Ratio Lower Upper

278 100

139 11.9 8.5 12.7

279 24.2 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 4.807 ng

RT: 17.486 min Scan# 2600

Delta R.T. -0.012 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

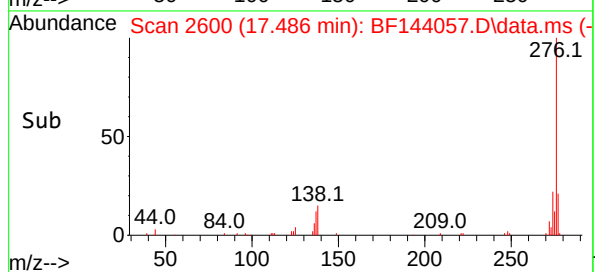
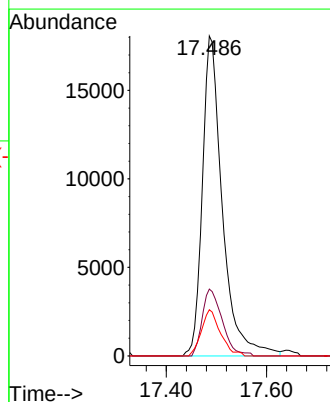
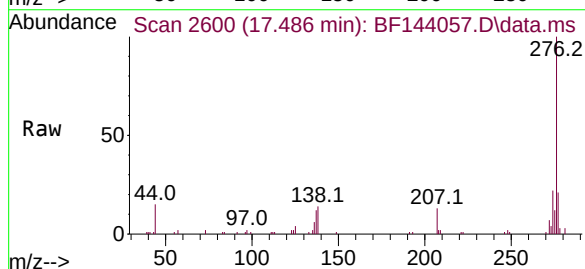
Tgt Ion:276 Resp: 50046

Ion Ratio Lower Upper

276 100

277 20.9 17.9 26.9

138 14.5 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144058.D  
 Acq On : 24 Oct 2025 11:39  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Oct 24 17:01:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 93506    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 345633   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 181955   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 301308   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 243705   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 290045   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 123660   | 20.923 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 134938   | 20.673 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 130813   | 20.735 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 45367    | 19.574 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 273504   | 21.152 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 276477   | 19.833 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 23088    | 9.040  | ng    | 96       |
| 3) Pyridine                   | 3.410  | 79   | 64703    | 9.463  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.340  | 42   | 37657    | 8.963  | ng    | 98       |
| 6) Aniline                    | 6.540  | 93   | 100630   | 10.776 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 61265    | 10.526 | ng    | 96       |
| 9) Benzaldehyde               | 6.428  | 77   | 51089    | 10.081 | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 86962    | 10.799 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 59764    | 10.271 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 73976    | 10.303 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 73246    | 10.352 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 72385    | 10.573 | ng    | 97       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 52766    | 9.942  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 113682   | 10.395 | ng    | 98       |
| 17) 2-Methylphenol            | 7.128  | 107  | 47217    | 10.548 | ng    | 93       |
| 18) Hexachloroethane          | 7.393  | 117  | 25444    | 10.058 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 45435    | 10.764 | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 59370    | 11.219 | ng    | # 82     |
| 22) Acetophenone              | 7.287  | 105  | 79330    | 10.620 | ng    | 91       |
| 24) Nitrobenzene              | 7.457  | 77   | 66345    | 9.941  | ng    | 95       |
| 25) Isophorone                | 7.692  | 82   | 114333   | 10.366 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 31721    | 9.992  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 48192    | 10.215 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 70437    | 10.241 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 59570    | 10.858 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 58514    | 10.367 | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 173217   | 10.618 | ng    | 99       |
| 32) Benzoic acid              | 7.904  | 122  | 37467    | 12.520 | ng    | # 81     |
| 33) 4-Chloroaniline           | 8.234  | 127  | 61541    | 10.837 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 47643    | 10.323 | ng    | 96       |
| 35) Caprolactam               | 8.575  | 113  | 13454    | 9.779  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 50000    | 10.327 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 113005   | 10.507 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 108437   | 10.642 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 64302    | 10.283 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 13467    | 6.972  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 40647    | 10.000 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144058.D  
 Acq On : 24 Oct 2025 11:39  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Oct 24 17:01:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

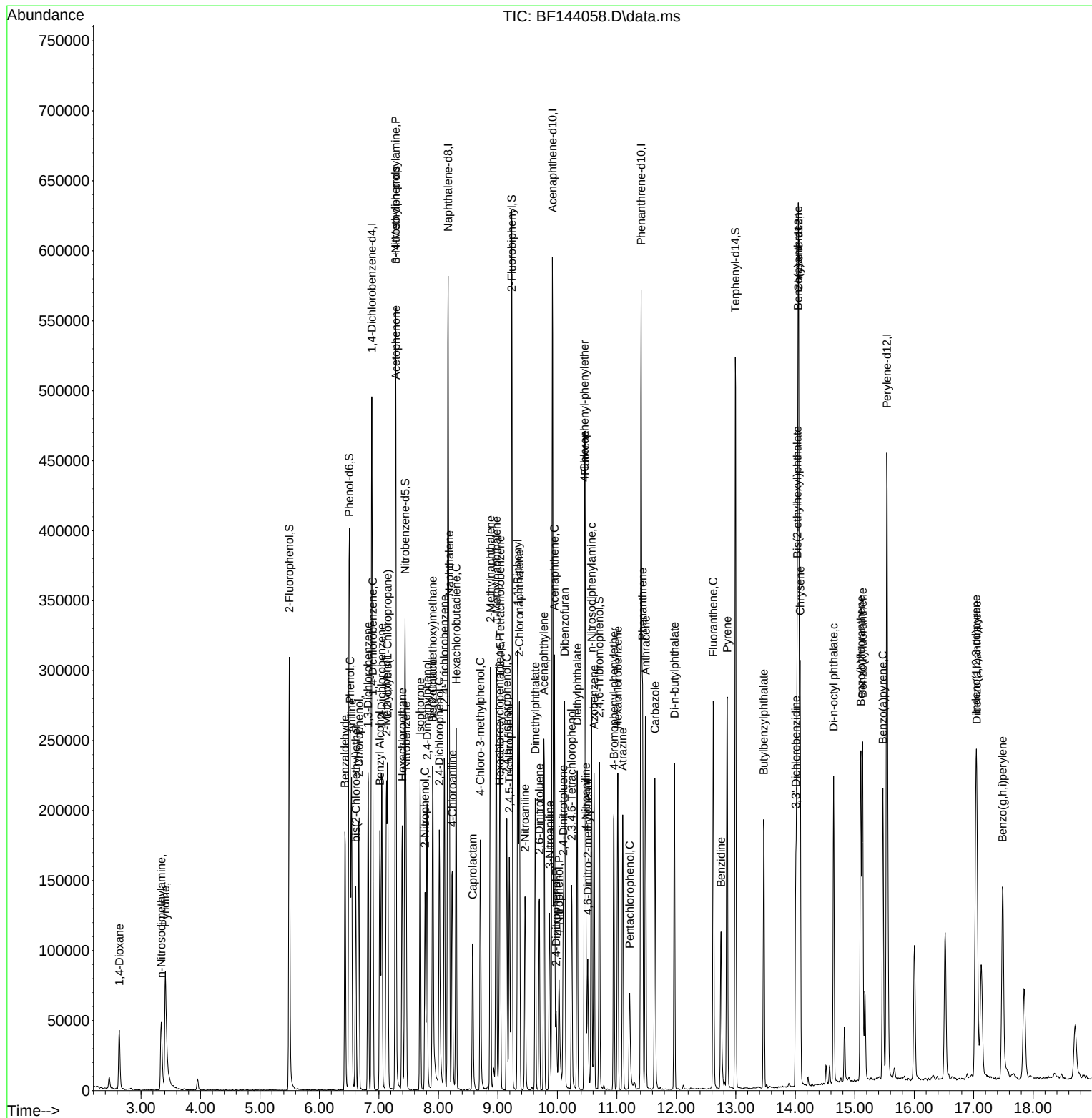
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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 44114    | 10.341 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 139423   | 10.704 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 115014   | 10.540 | ng    | 94       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 32649    | 10.076 | ng    | 99       |
| 49) Acenaphthylene            | 9.775  | 152  | 154058   | 10.470 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 120856   | 10.133 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 23341    | 9.899  | ng    | 93       |
| 52) Acenaphthene              | 9.951  | 154  | 104855   | 10.671 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 26729    | 10.196 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 14660    | 11.496 | ng    | 91       |
| 55) Dibenzofuran              | 10.122 | 168  | 142976   | 10.481 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 20383    | 11.482 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 31163    | 9.793  | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 106355   | 10.232 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 28893    | 9.612  | ng    | 99       |
| 60) Diethylphthalate          | 10.334 | 149  | 115029   | 10.256 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 60704    | 10.385 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 24222    | 9.752  | ng    | 98       |
| 63) Azobenzene                | 10.616 | 77   | 107163   | 10.095 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 20093    | 10.394 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 100334   | 10.422 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 38639    | 10.242 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 50850    | 10.990 | ng    | 96       |
| 69) Atrazine                  | 11.098 | 200  | 33605    | 10.638 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 18468    | 8.386  | ng    | 97       |
| 71) Phenanthrene              | 11.433 | 178  | 156663   | 10.467 | ng    | 96       |
| 72) Anthracene                | 11.486 | 178  | 162203   | 10.491 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 138634   | 10.534 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 164302   | 10.183 | ng    | 100      |
| 75) Fluoranthene              | 12.622 | 202  | 173397   | 10.486 | ng    | 98       |
| 77) Benzidine                 | 12.751 | 184  | 83945    | 11.068 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 178638   | 10.196 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 66048    | 9.964  | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 161042   | 9.778  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 57120    | 9.963  | ng    | 97       |
| 83) Chrysene                  | 14.080 | 228  | 153845   | 9.954  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 88365    | 9.765  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 149635   | 9.616  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 193064   | 9.695  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 160748   | 9.803  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 156128   | 10.320 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 143530   | 9.757  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 153941   | 9.766  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 152368   | 9.614  | ng    | 98       |

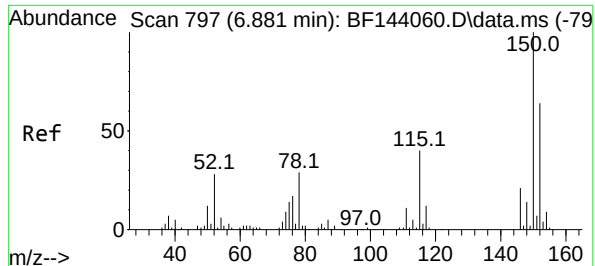
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Data File : BF144058.D  
Acq On    : 24 Oct 2025  11:39  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC010

Quant Time: Oct 24 17:01:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 16:52:41 2025  
Response via : Initial Calibration

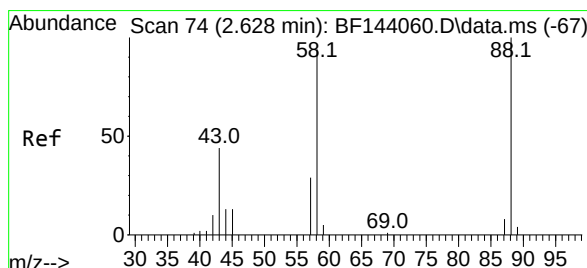
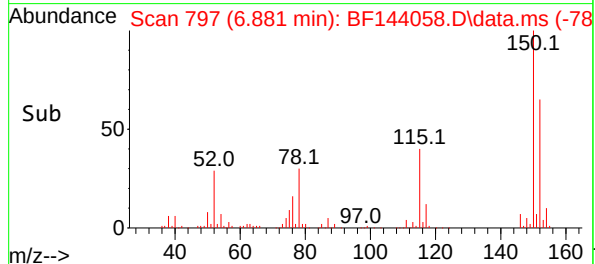
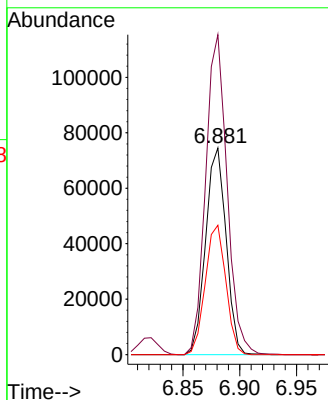
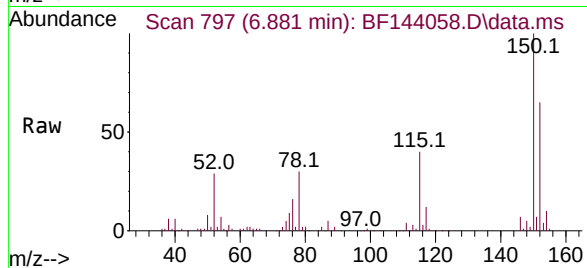




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

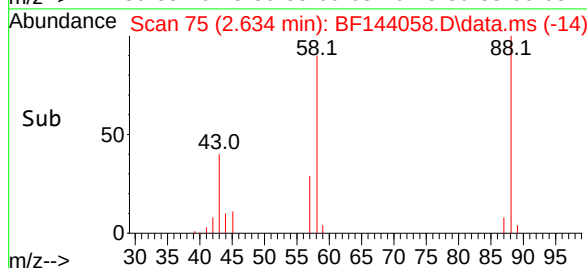
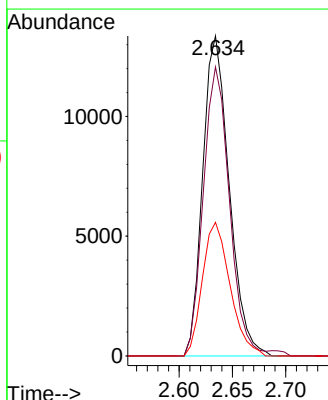
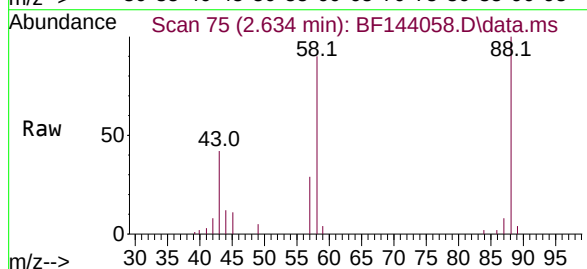
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BNA\_F  
ClientSampleId :  
SSTDICC010

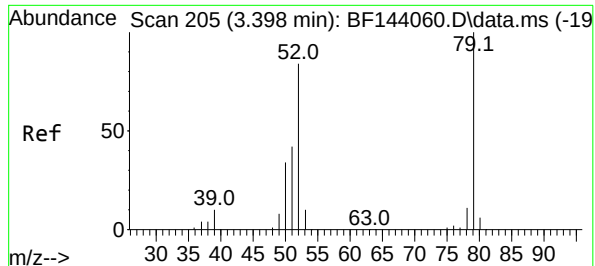
Tgt Ion:152 Resp: 93506  
Ion Ratio Lower Upper  
152 100  
150 154.9 124.4 186.6  
115 62.6 49.4 74.0



#2  
1,4-Dioxane  
Concen: 9.040 ng  
RT: 2.634 min Scan# 75  
Delta R.T. 0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion: 88 Resp: 23088  
Ion Ratio Lower Upper  
88 100  
58 89.8 76.5 114.7  
43 43.6 35.3 52.9





#3

Pyridine

Concen: 9.463 ng

RT: 3.410 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

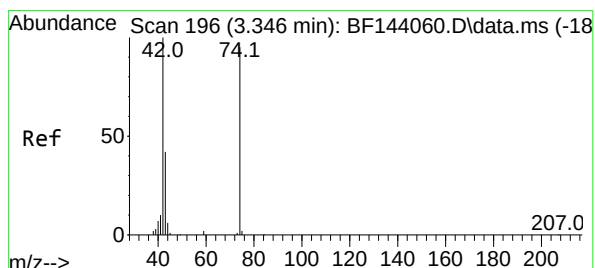
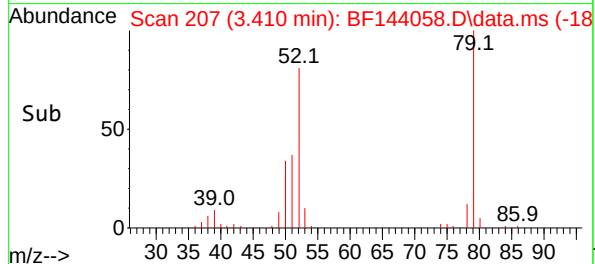
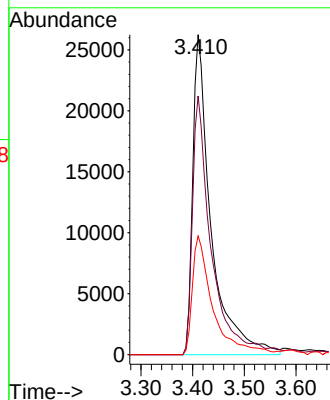
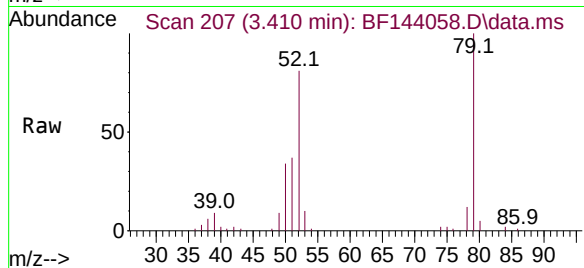
Tgt Ion: 79 Resp: 64703

Ion Ratio Lower Upper

79 100

52 80.8 67.5 101.3

51 37.1 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 8.963 ng

RT: 3.340 min Scan# 195

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

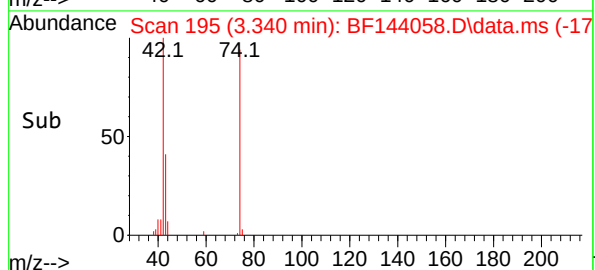
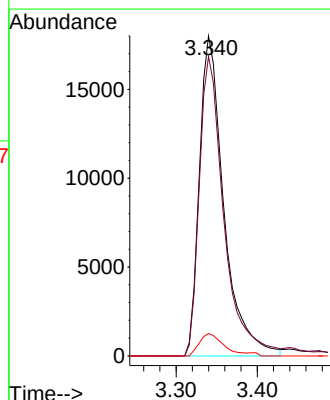
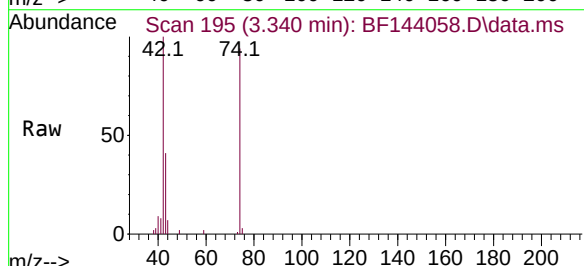
Tgt Ion: 42 Resp: 37657

Ion Ratio Lower Upper

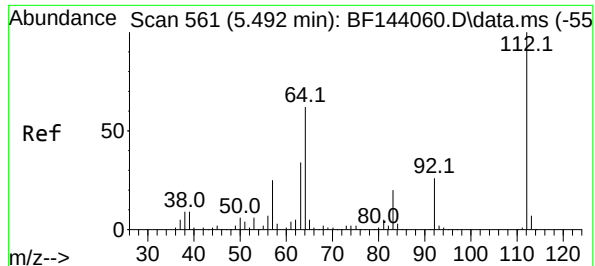
42 100

74 93.6 76.4 114.6

44 7.0 5.2 7.8



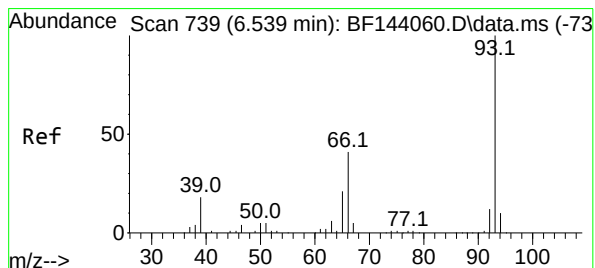
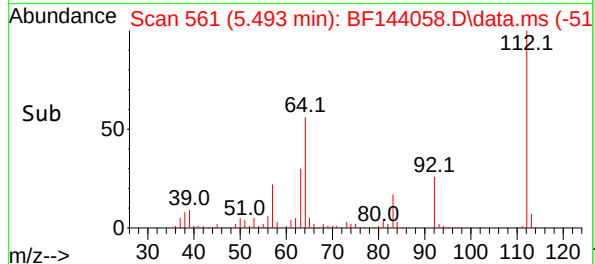
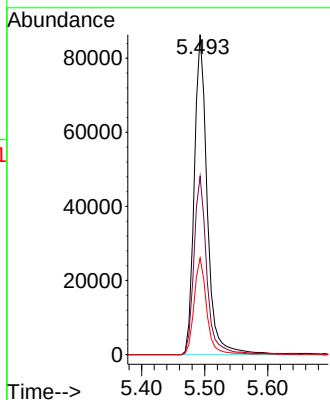
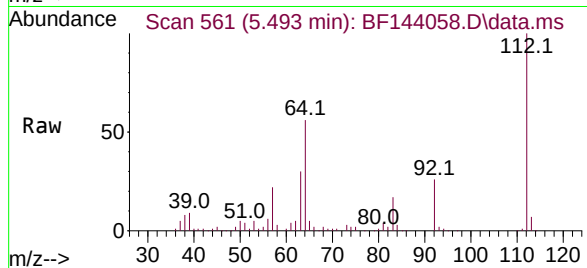




#5  
2-Fluorophenol  
Concen: 20.923 ng  
RT: 5.493 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

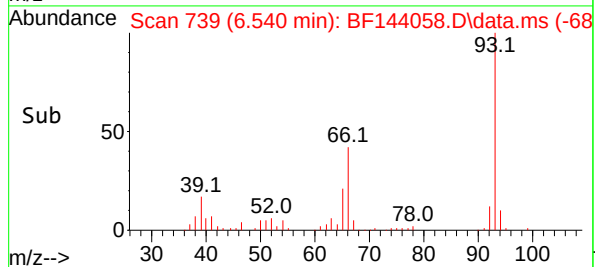
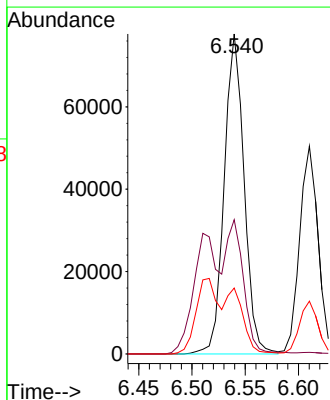
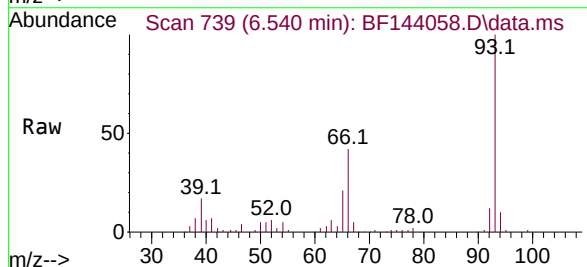
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

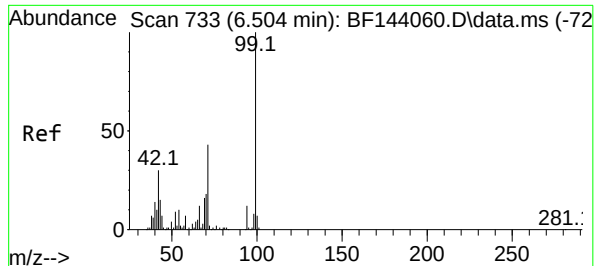
Tgt Ion:112 Resp: 123660  
Ion Ratio Lower Upper  
112 100  
64 55.8 49.8 74.8  
63 30.2 27.4 41.2



#6  
Aniline  
Concen: 10.776 ng  
RT: 6.540 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion: 93 Resp: 100630  
Ion Ratio Lower Upper  
93 100  
66 41.9 35.7 53.5  
65 20.6 17.0 25.6

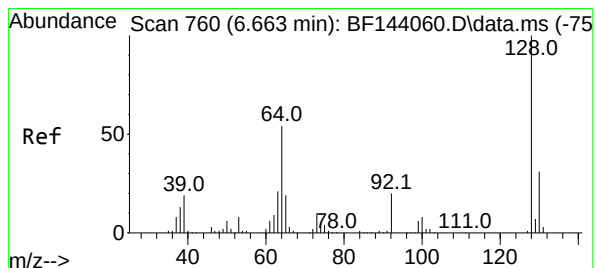
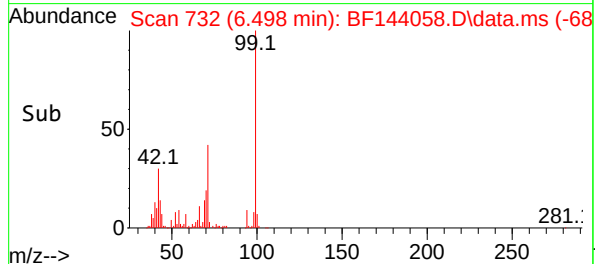
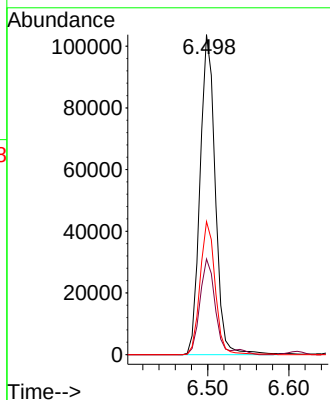
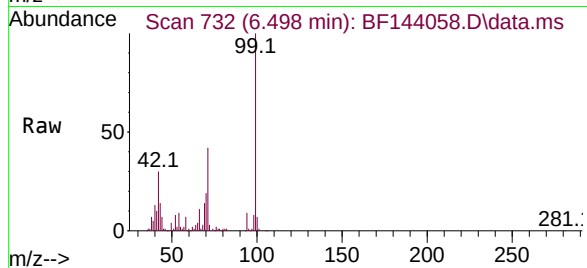




#7  
Phenol-d6  
Concen: 20.673 ng  
RT: 6.498 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

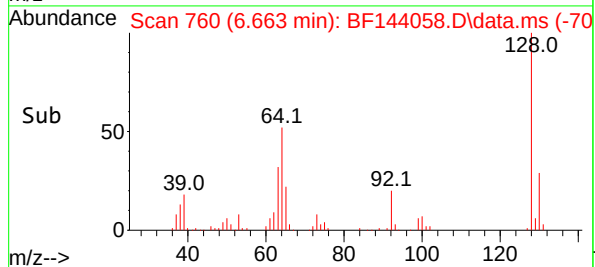
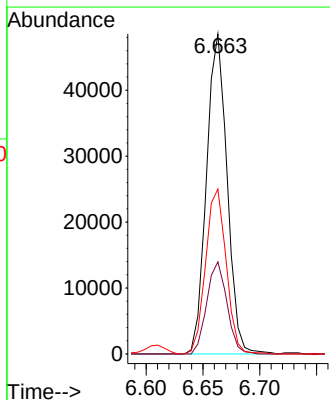
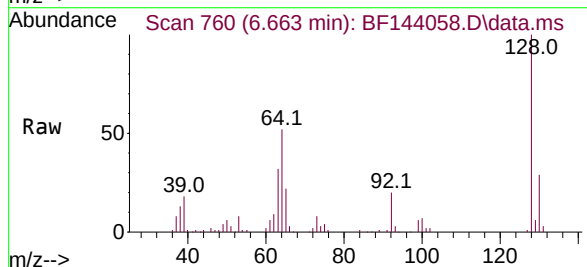
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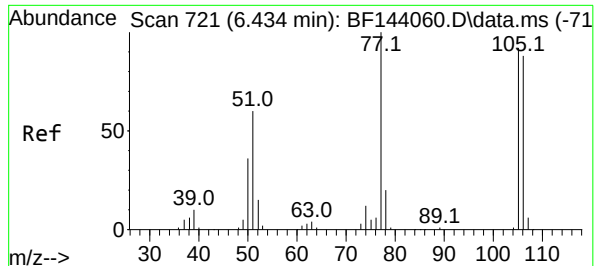
Tgt Ion: 99 Resp: 134938  
Ion Ratio Lower Upper  
99 100  
42 29.9 23.9 35.9  
71 41.6 34.4 51.6



#8  
2-Chlorophenol  
Concen: 10.526 ng  
RT: 6.663 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion: 128 Resp: 61265  
Ion Ratio Lower Upper  
128 100  
130 28.8 10.7 50.7  
64 51.5 34.7 74.7





#9

Benzaldehyde

Concen: 10.081 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

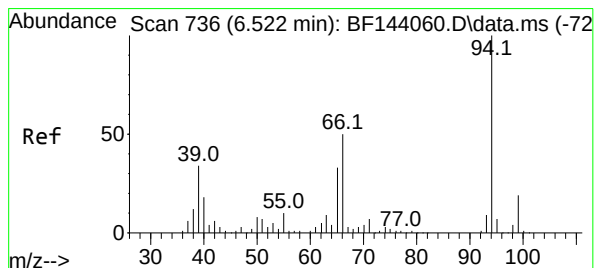
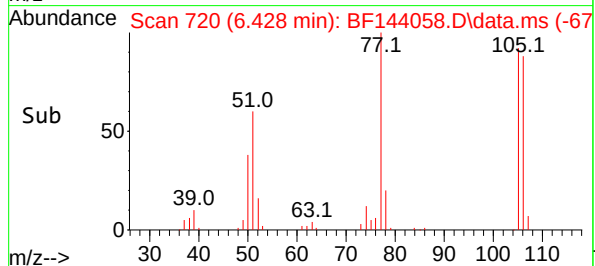
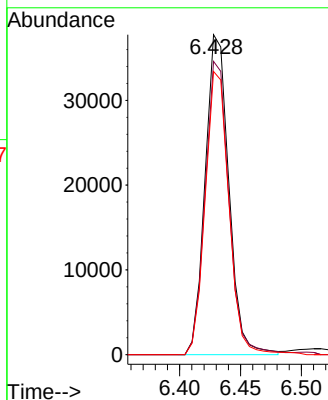
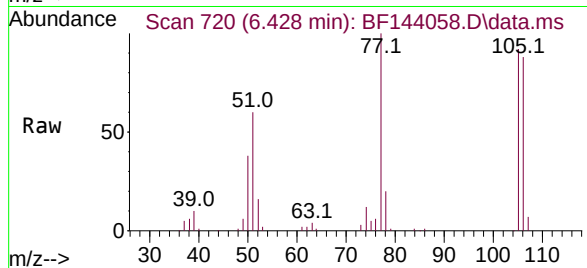
Tgt Ion: 77 Resp: 51089

Ion Ratio Lower Upper

77 100

105 91.6 72.2 112.2

106 88.5 67.9 107.9



#10

Phenol

Concen: 10.799 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

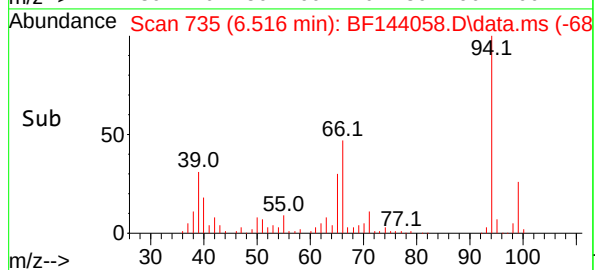
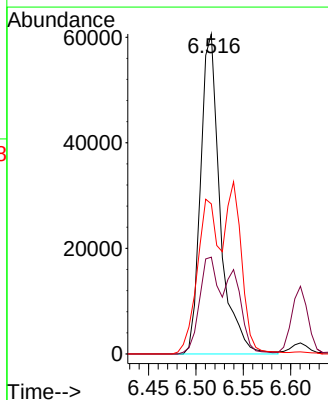
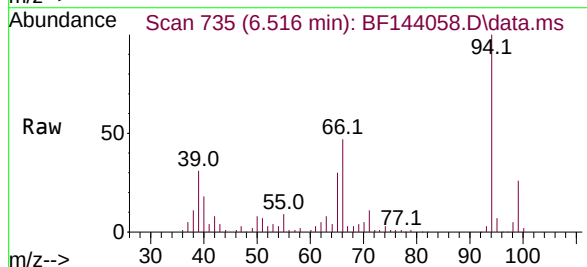
Tgt Ion: 94 Resp: 86962

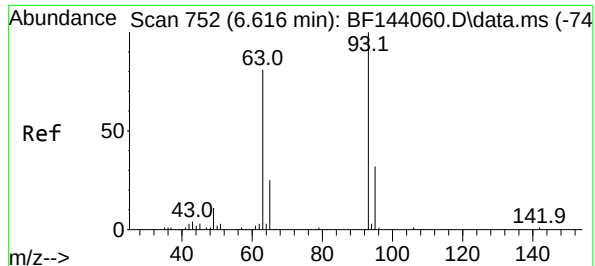
Ion Ratio Lower Upper

94 100

65 30.2 13.1 53.1

66 46.9 30.6 70.6

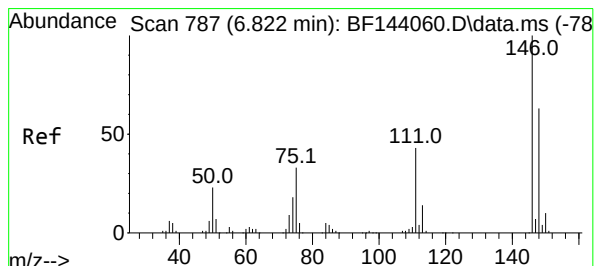
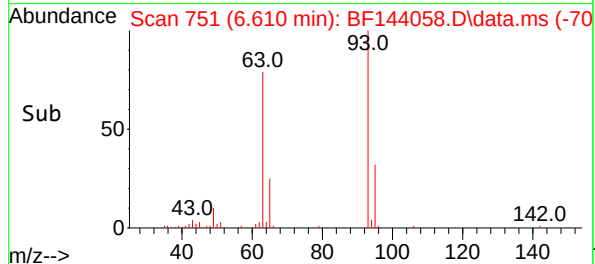
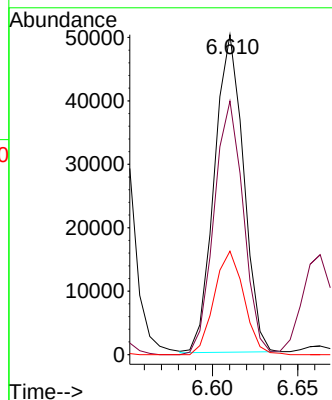
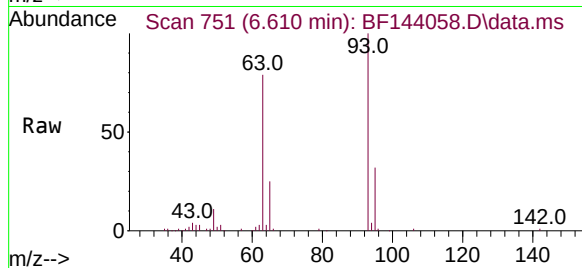




#11  
bis(2-Chloroethyl)ether  
Concen: 10.271 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

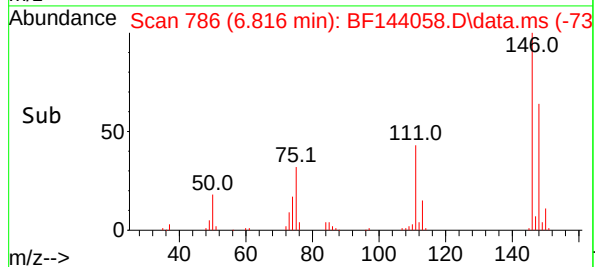
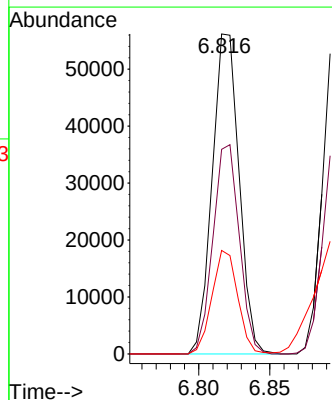
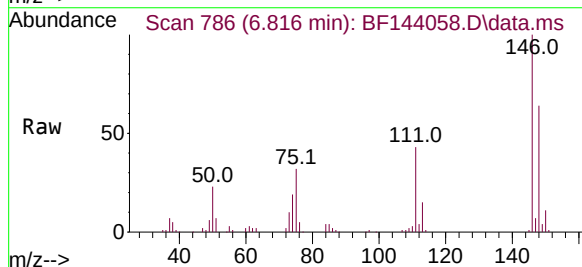
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

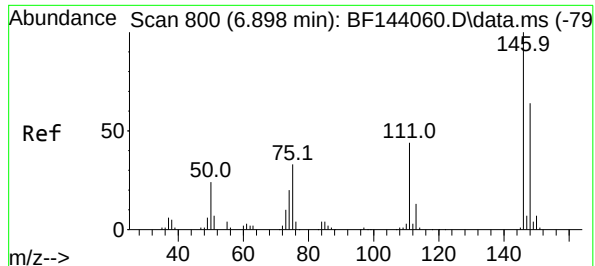
Tgt Ion: 93 Resp: 59764  
Ion Ratio Lower Upper  
93 100  
63 79.2 60.2 100.2  
95 32.3 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 10.303 ng  
RT: 6.816 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion: 146 Resp: 73976  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.6 75.8  
75 32.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 10.352 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

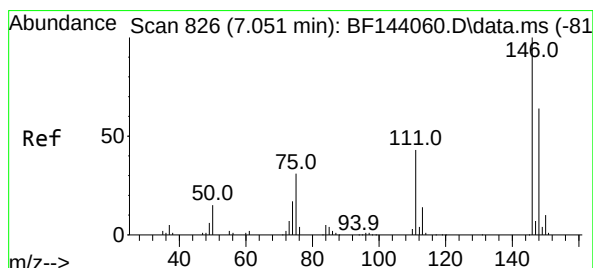
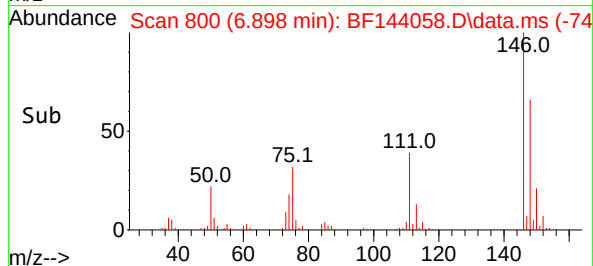
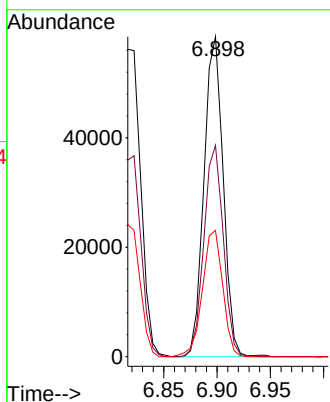
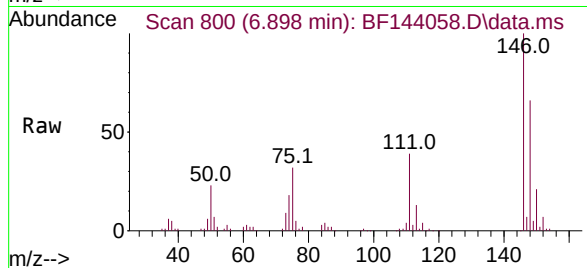
Tgt Ion:146 Resp: 73246

Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

111 39.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 10.573 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

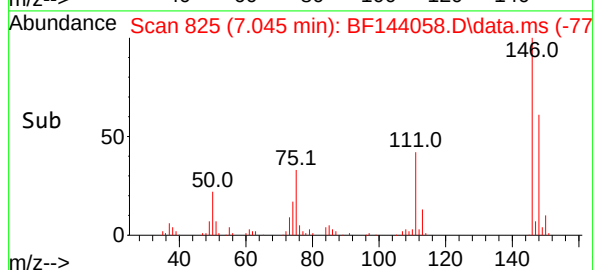
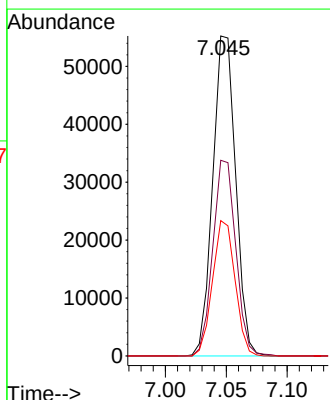
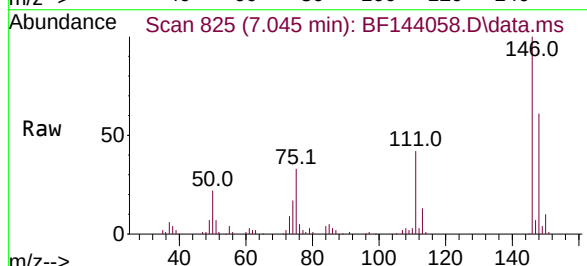
Tgt Ion:146 Resp: 72385

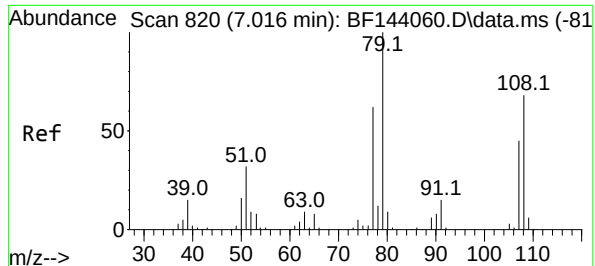
Ion Ratio Lower Upper

146 100

148 61.1 50.8 76.2

111 42.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 9.942 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

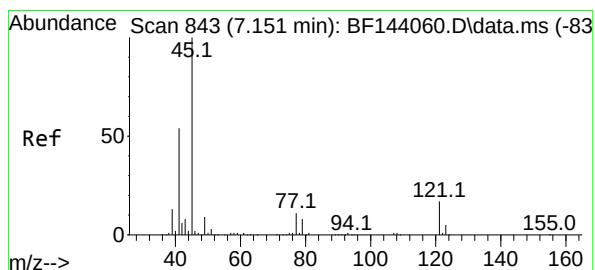
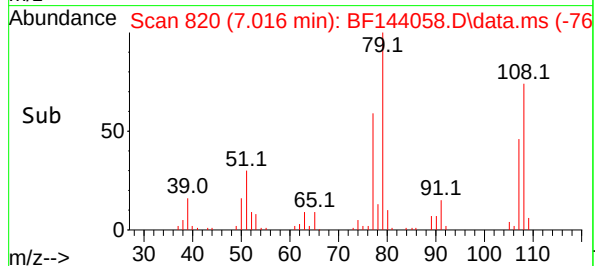
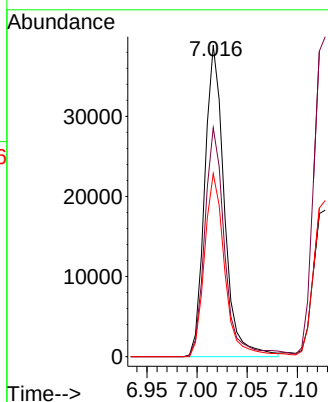
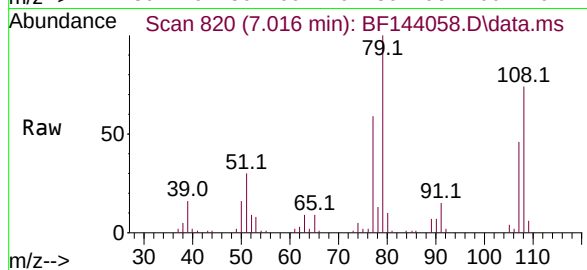
Tgt Ion: 79 Resp: 52766

Ion Ratio Lower Upper

79 100

108 73.5 54.8 82.2

77 58.8 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.395 ng

RT: 7.145 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

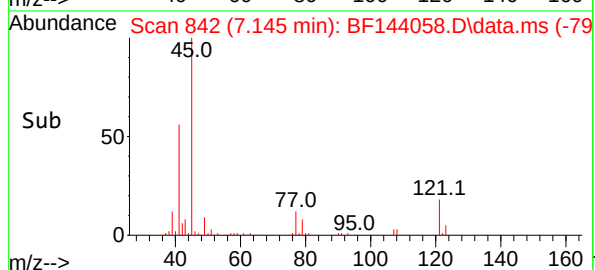
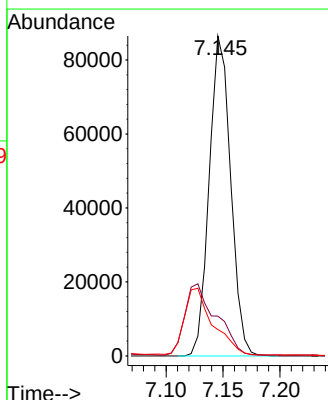
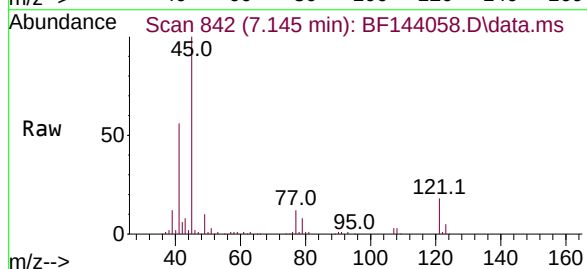
Tgt Ion: 45 Resp: 113682

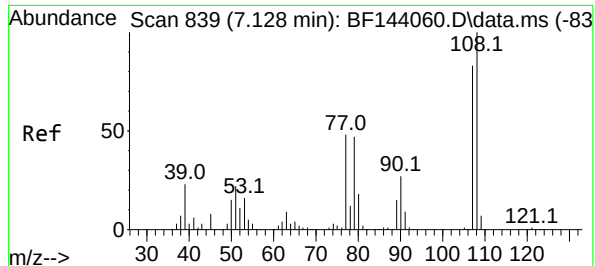
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.9

79 8.2 0.0 28.2

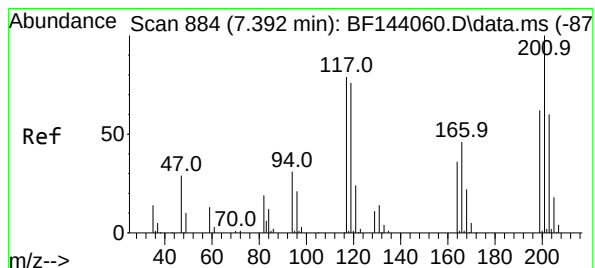
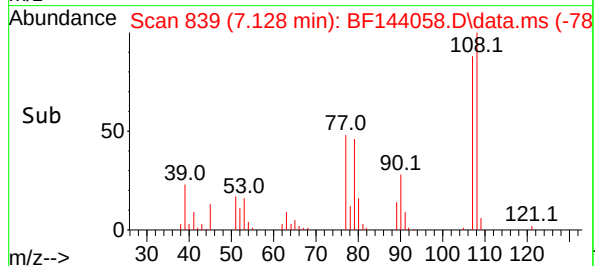
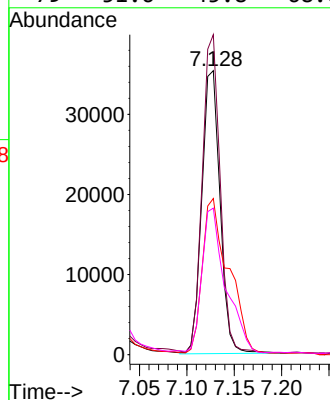
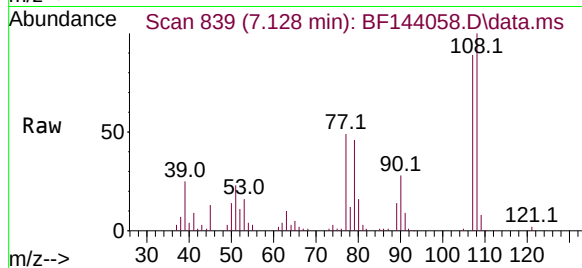




#17  
2-Methylphenol  
Concen: 10.548 ng  
RT: 7.128 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

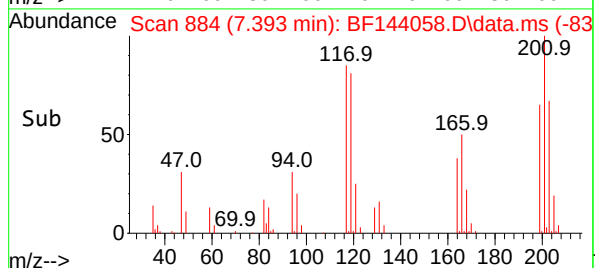
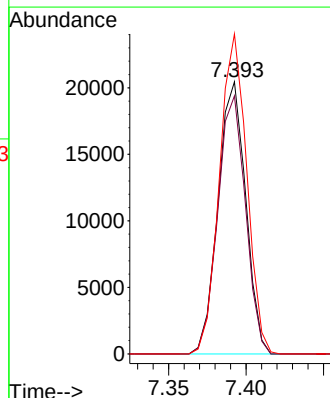
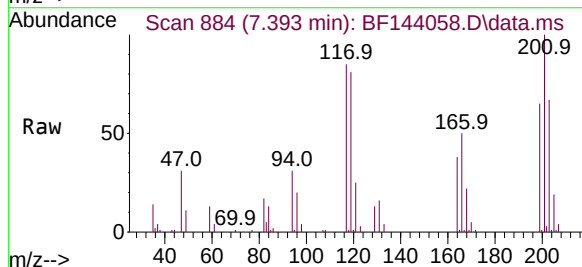
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

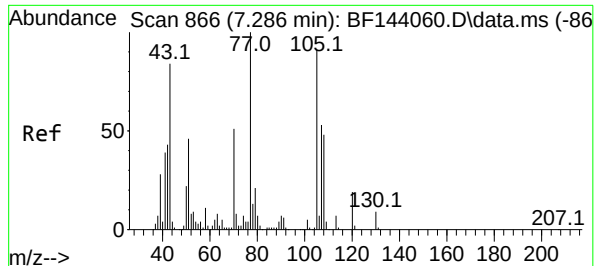
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 47217 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.7 | 96.4  | 144.6 |
| 77       | 55.0  | 46.8  | 70.2  |
| 79       | 51.6  | 45.8  | 68.6  |



#18  
Hexachloroethane  
Concen: 10.058 ng  
RT: 7.393 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 25444 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.8  | 76.6  | 115.0 |
| 201      | 117.6 | 100.9 | 151.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 10.764 ng

RT: 7.281 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144058.D

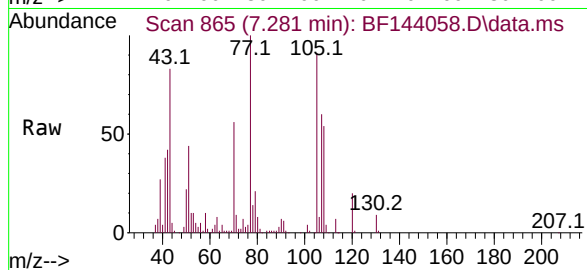
Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010



Tgt Ion: 70 Resp: 45435

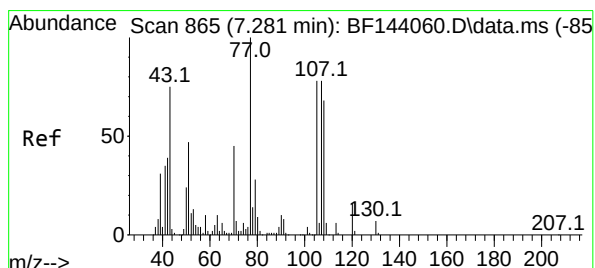
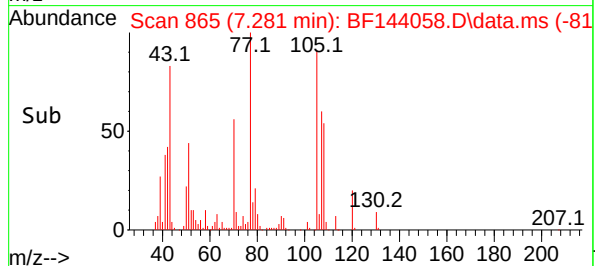
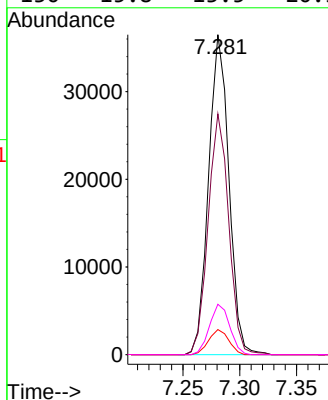
Ion Ratio Lower Upper

70 100

42 75.2 67.4 101.0

101 7.8 7.1 10.7

130 15.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 11.219 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion: 107 Resp: 59370

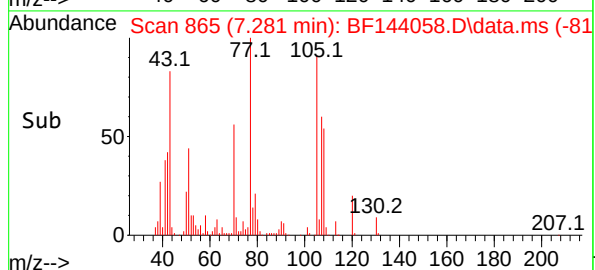
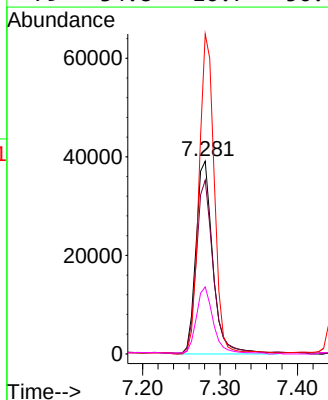
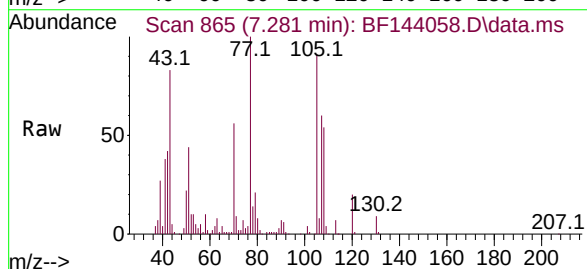
Ion Ratio Lower Upper

107 100

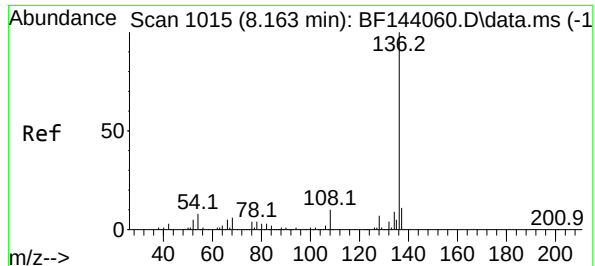
108 90.1 68.0 108.0

77 166.0 108.7 148.7#

79 34.8 16.7 56.7







#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 345633

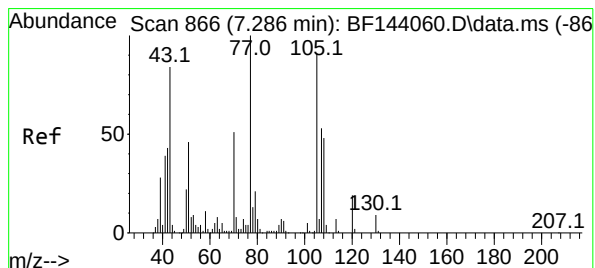
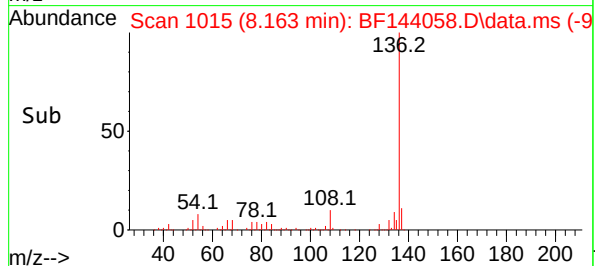
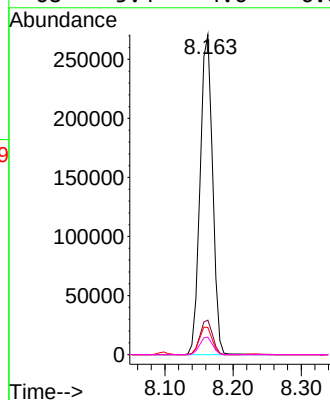
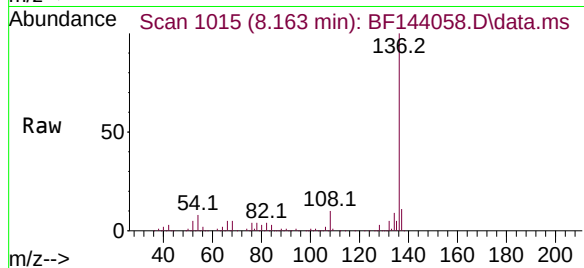
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 6.6 9.8

68 5.4 4.6 6.8



#22

Acetophenone

Concen: 10.620 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:105 Resp: 79330

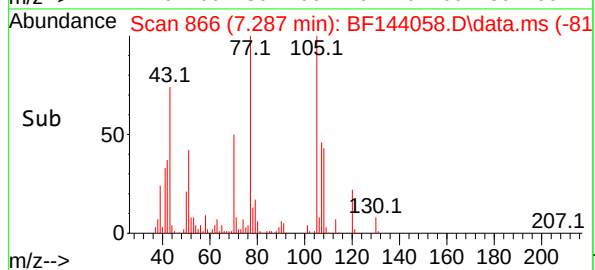
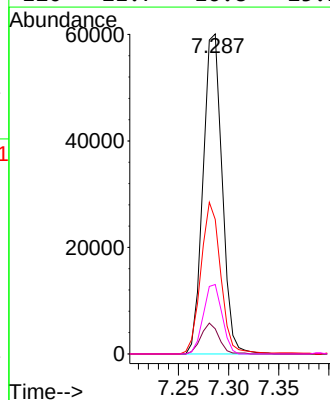
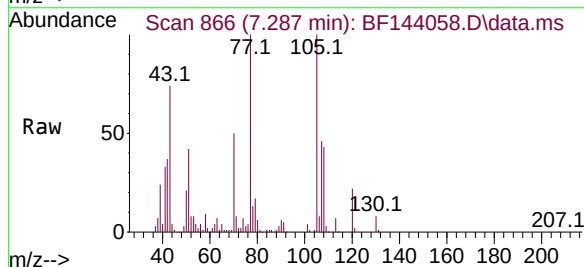
Ion Ratio Lower Upper

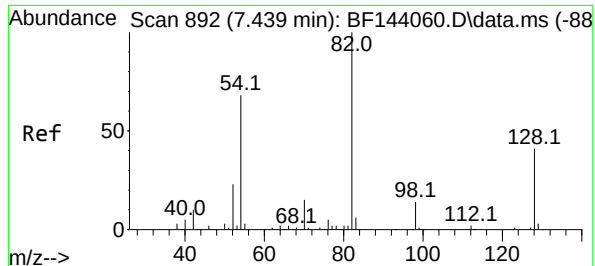
105 100

71 7.8 6.9 10.3

51 42.0 40.6 60.8

120 21.7 16.8 25.2

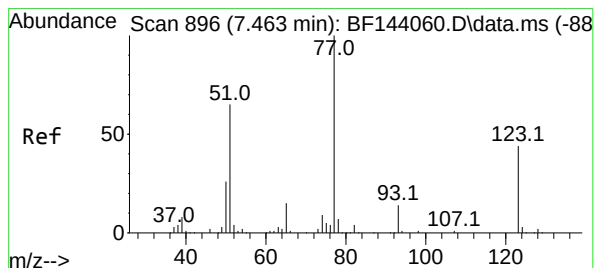
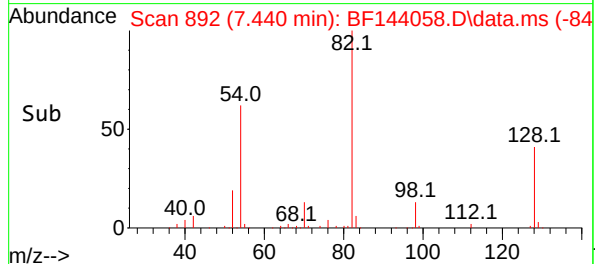
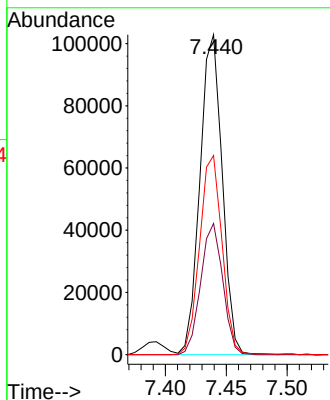
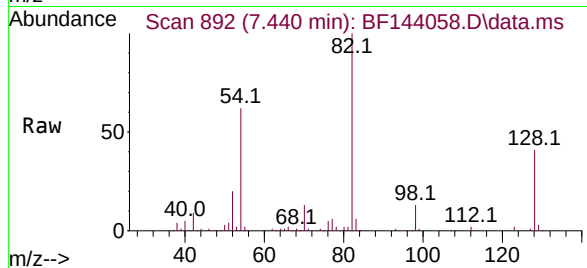




#23  
Nitrobenzene-d5  
Concen: 20.735 ng  
RT: 7.440 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

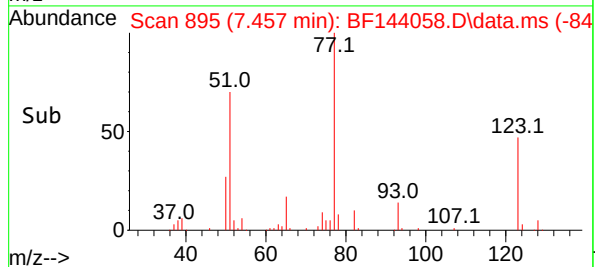
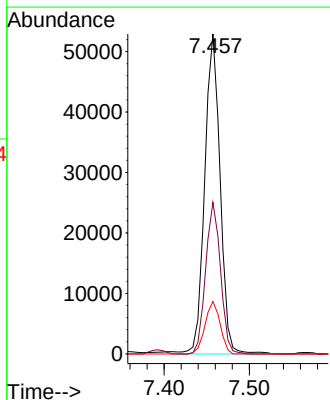
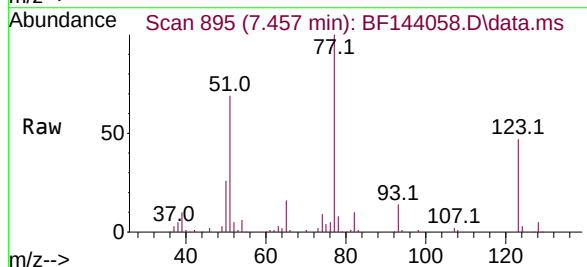
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

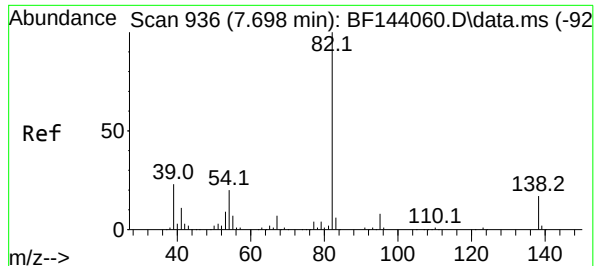
Tgt Ion: 82 Resp: 130813  
Ion Ratio Lower Upper  
82 100  
128 41.0 32.4 48.6  
54 62.2 54.0 81.0



#24  
Nitrobenzene  
Concen: 9.941 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion: 77 Resp: 66345  
Ion Ratio Lower Upper  
77 100  
123 47.4 35.0 52.6  
65 16.4 12.2 18.2

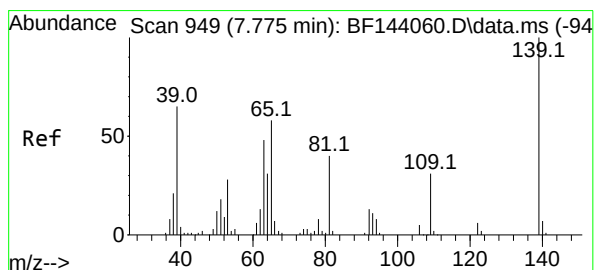
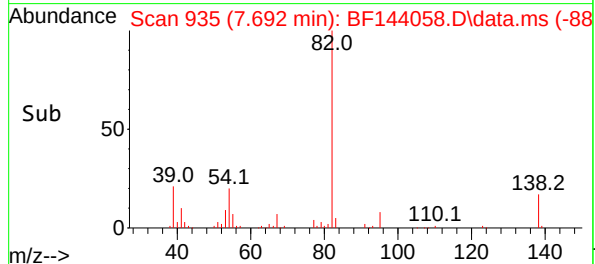
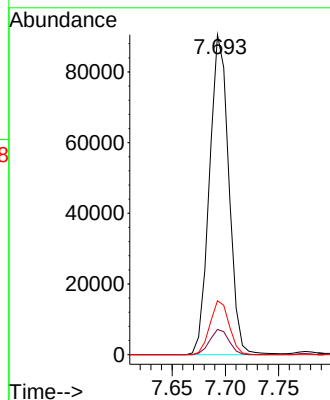
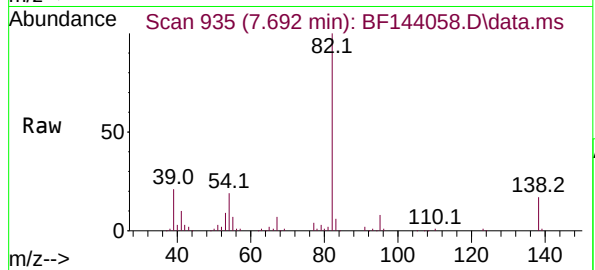




#25  
Isophorone  
Concen: 10.366 ng  
RT: 7.692 min Scan# 936  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

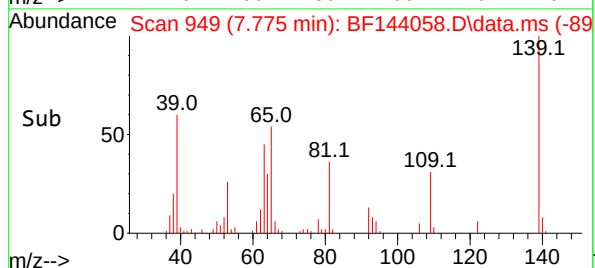
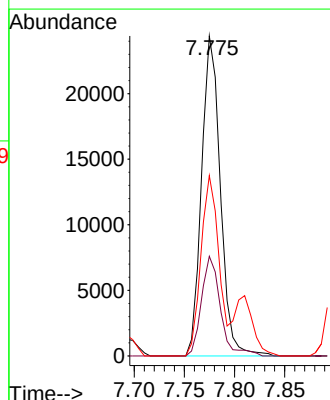
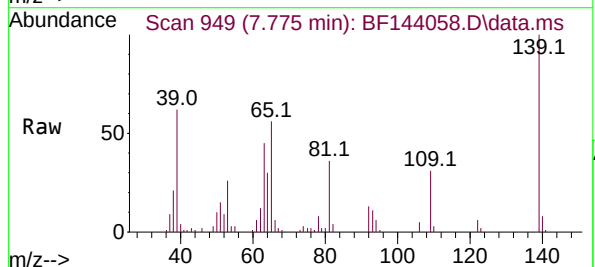
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

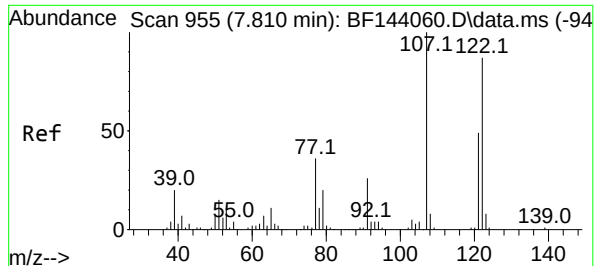
Tgt Ion: 82 Resp: 114333  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.6 9.8  
138 16.8 13.8 20.8



#26  
2-Nitrophenol  
Concen: 9.992 ng  
RT: 7.775 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:139 Resp: 31721  
Ion Ratio Lower Upper  
139 100  
109 31.1 24.6 37.0  
65 56.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 10.215 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

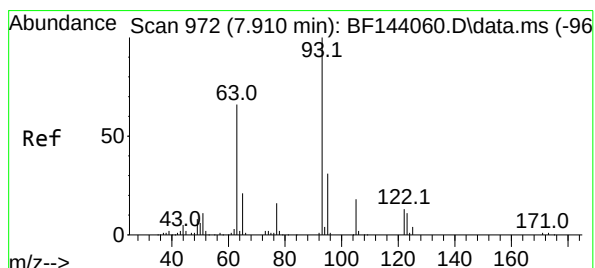
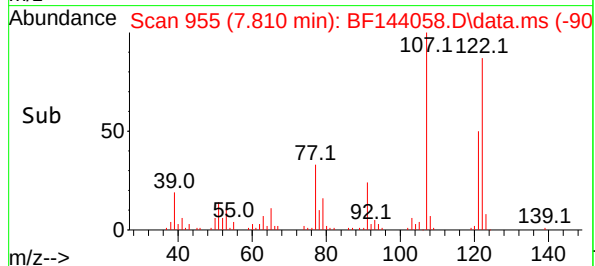
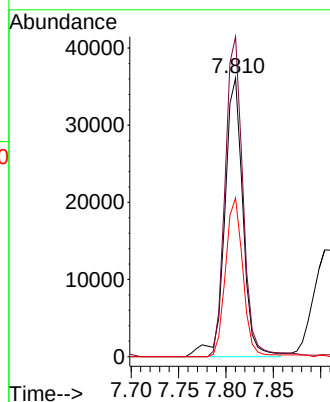
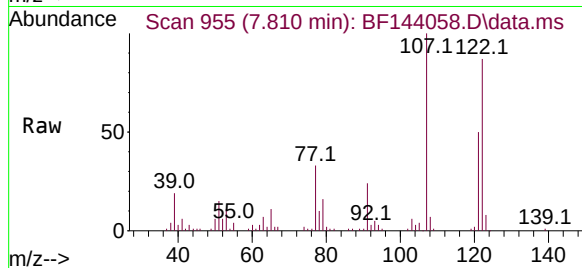
Tgt Ion:122 Resp: 48192

Ion Ratio Lower Upper

122 100

107 114.9 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.241 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

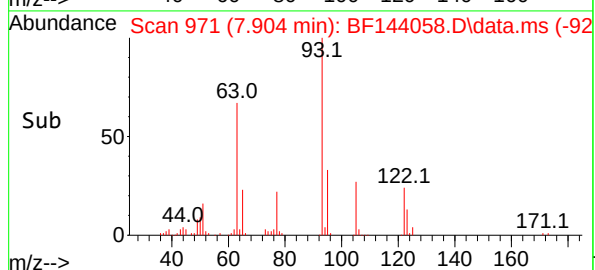
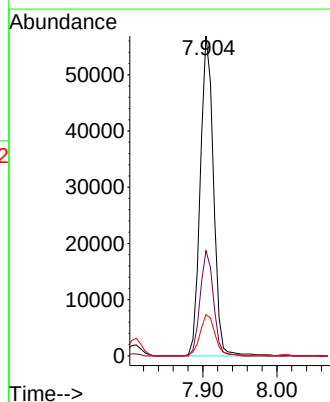
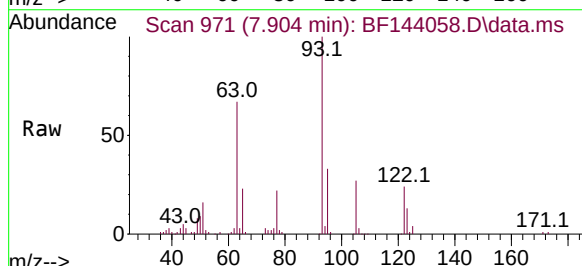
Tgt Ion: 93 Resp: 70437

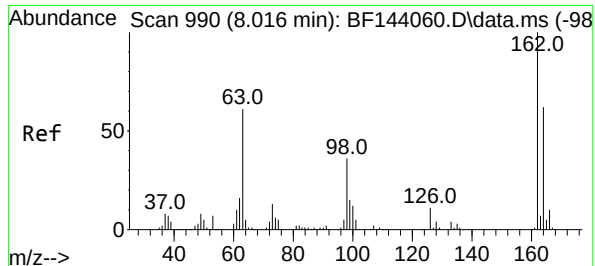
Ion Ratio Lower Upper

93 100

95 32.9 24.6 36.8

123 12.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 10.858 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

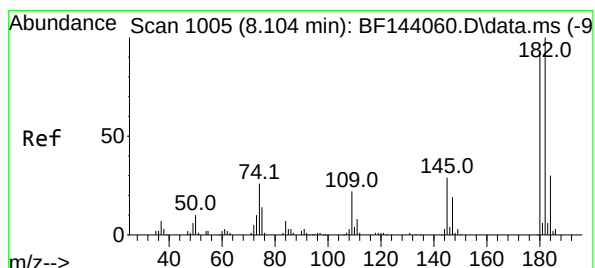
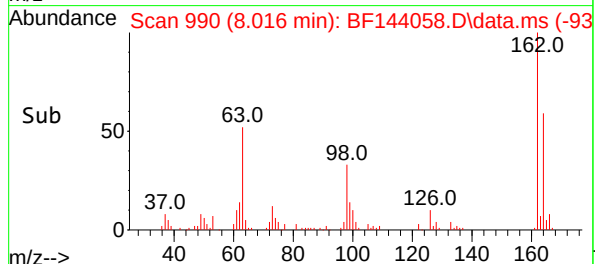
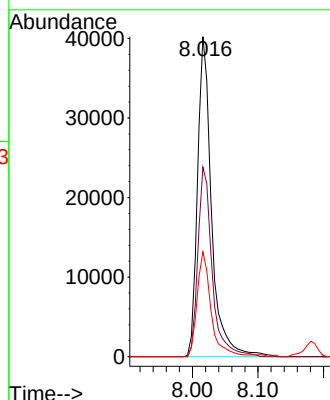
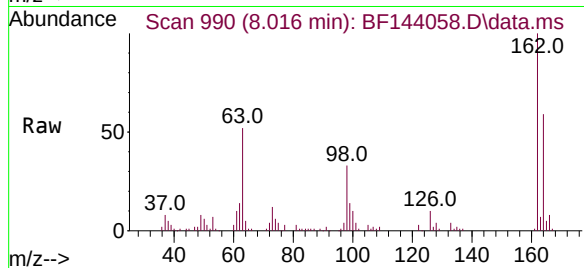
Tgt Ion:162 Resp: 59570

Ion Ratio Lower Upper

162 100

164 59.2 42.1 82.1

98 32.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 10.367 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

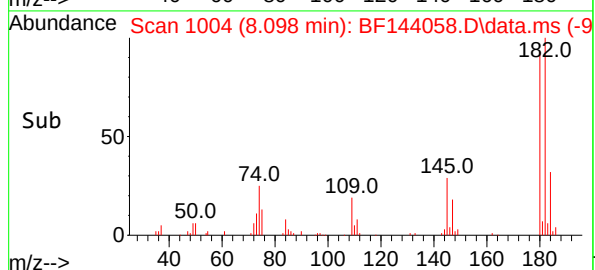
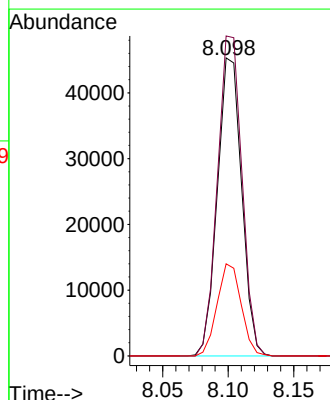
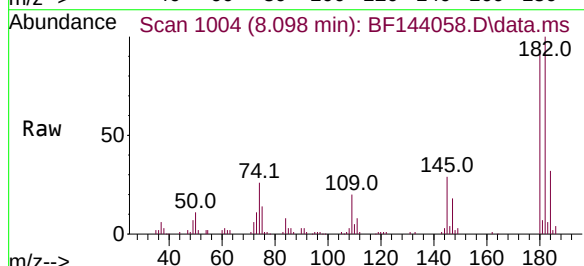
Tgt Ion:180 Resp: 58514

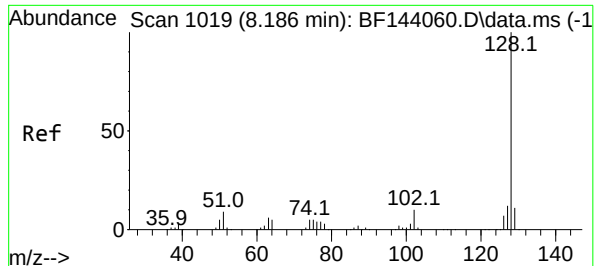
Ion Ratio Lower Upper

180 100

182 107.4 87.1 130.7

145 30.9 25.3 37.9

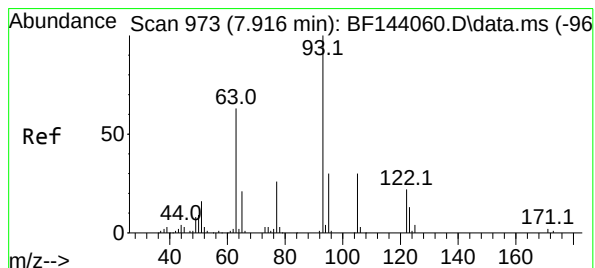
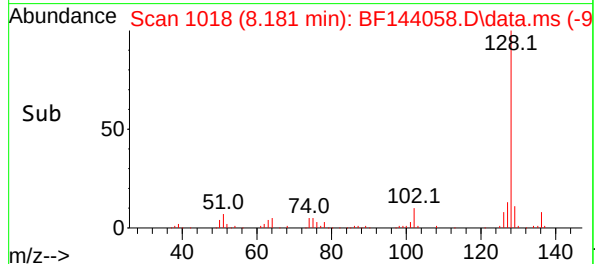
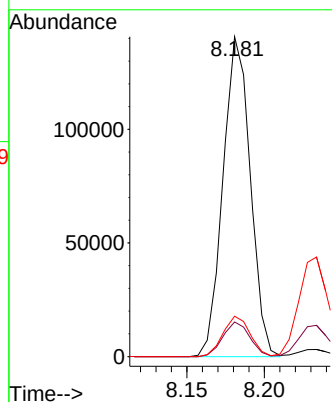
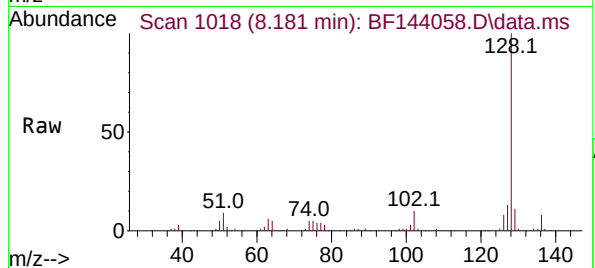




#31  
Naphthalene  
Concen: 10.618 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

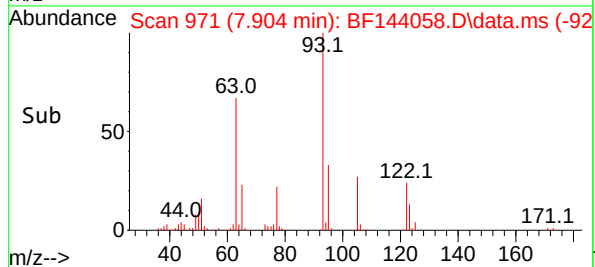
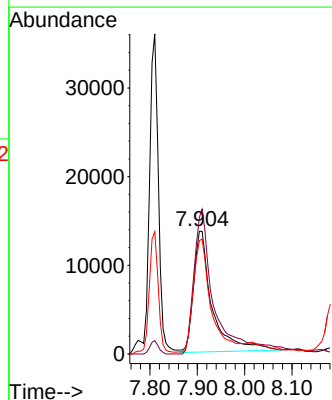
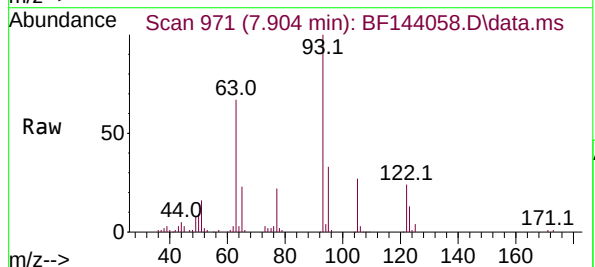
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

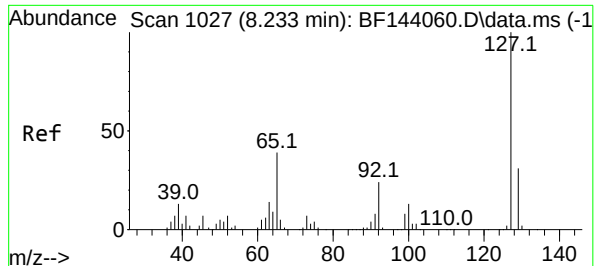
Tgt Ion:128 Resp: 173217  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 12.6 9.9 14.9



#32  
Benzoic acid  
Concen: 12.520 ng  
RT: 7.904 min Scan# 971  
Delta R.T. -0.012 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:122 Resp: 37467  
Ion Ratio Lower Upper  
122 100  
105 111.5 111.3 151.3  
77 92.4 96.7 136.7#

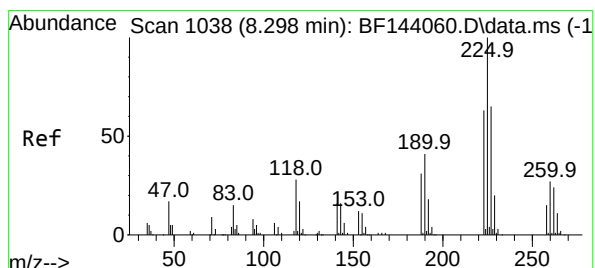
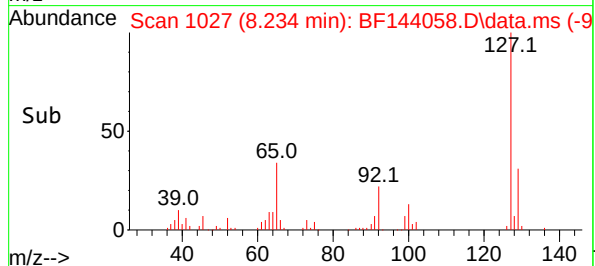
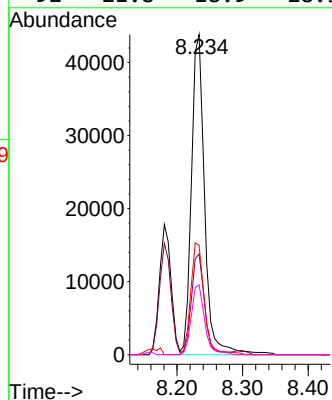
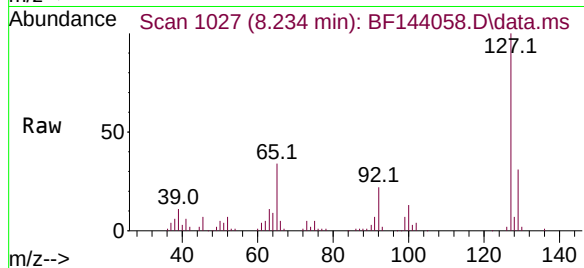




#33  
4-Chloroaniline  
Concen: 10.837 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

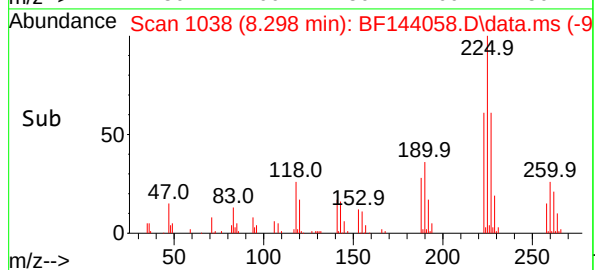
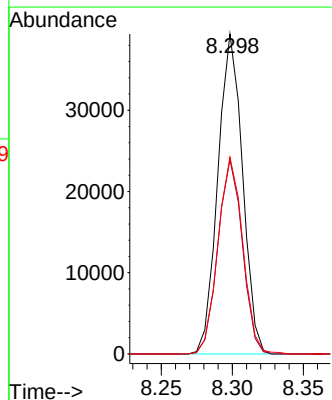
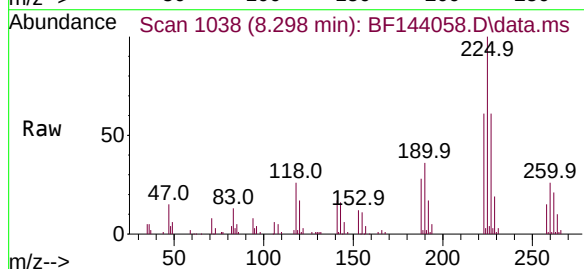
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

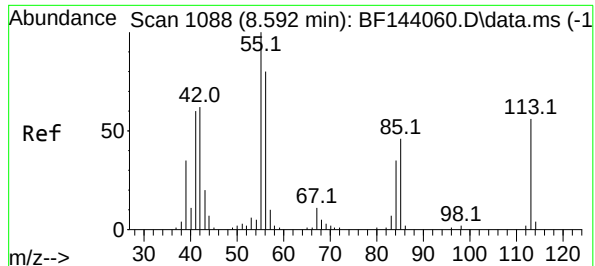
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 61541       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 31.5  | 25.6 38.4   |
| 65          | 34.2  | 30.9 46.3   |
| 92          | 21.8  | 18.9 28.3   |



#34  
Hexachlorobutadiene  
Concen: 10.323 ng  
RT: 8.298 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 47643       |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 60.7  | 50.6 76.0   |
| 227         | 61.5  | 51.8 77.8   |





#35

Caprolactam

Concen: 9.779 ng

RT: 8.575 min Scan# 1085

Delta R.T. -0.017 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

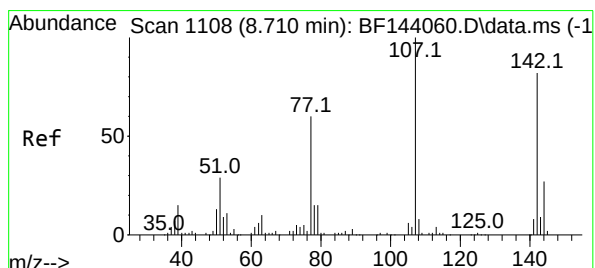
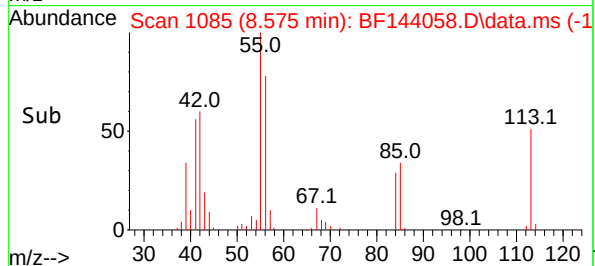
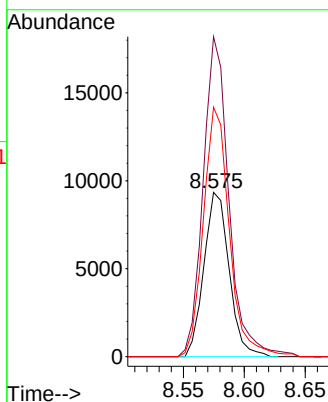
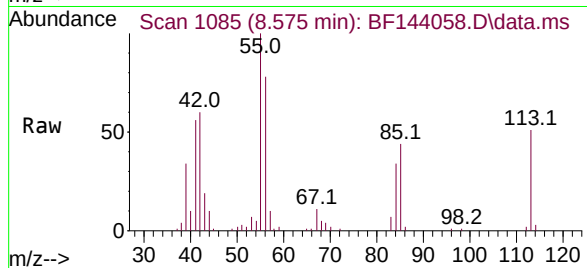
Tgt Ion:113 Resp: 13454

Ion Ratio Lower Upper

113 100

55 194.9 160.1 200.1

56 151.9 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 10.327 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

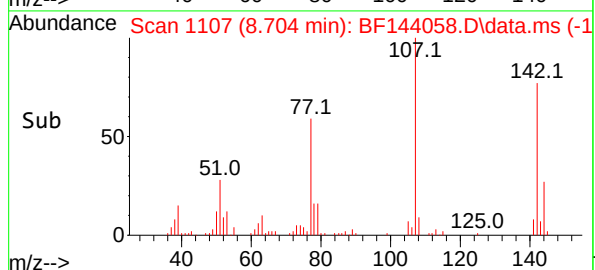
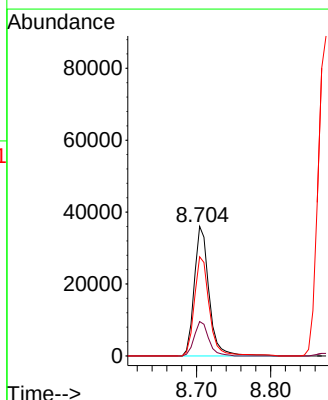
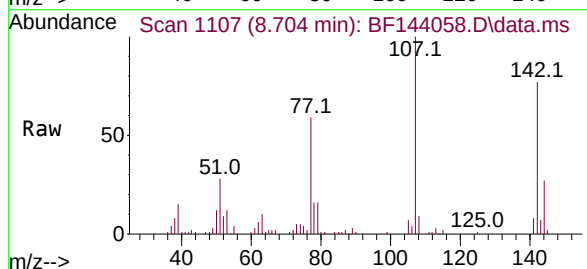
Tgt Ion:107 Resp: 50000

Ion Ratio Lower Upper

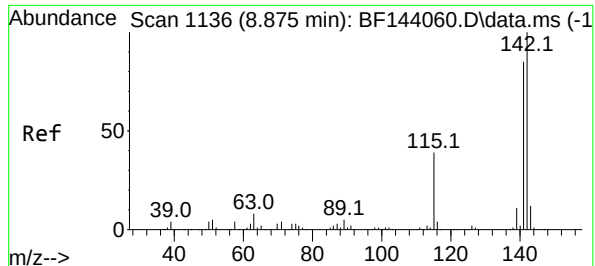
107 100

144 26.5 21.6 32.4

142 76.6 65.4 98.0







#37

2-Methylnaphthalene

Concen: 10.507 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

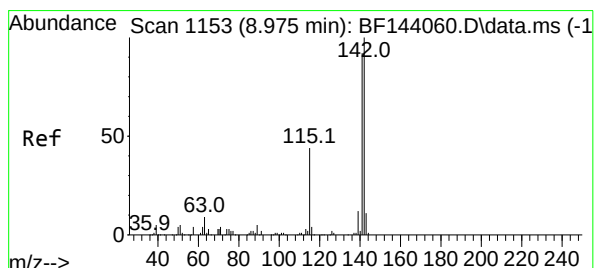
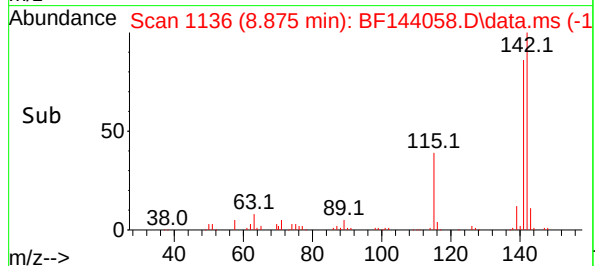
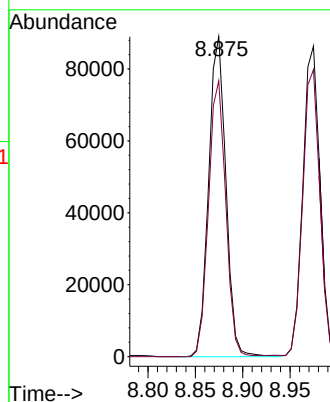
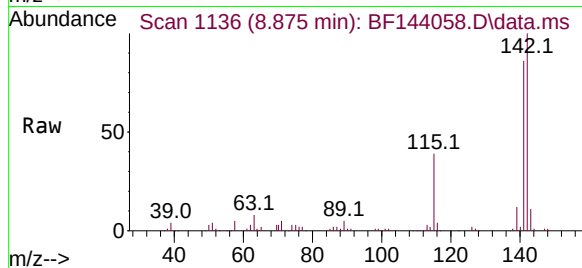
SSTDICC010

Tgt Ion:142 Resp: 113005

Ion Ratio Lower Upper

142 100

141 86.2 67.6 101.4



#38

1-Methylnaphthalene

Concen: 10.642 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144058.D

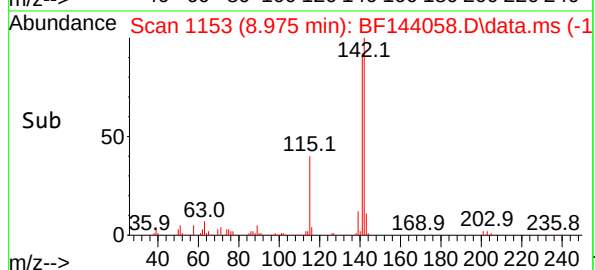
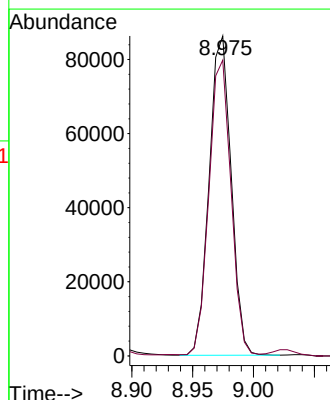
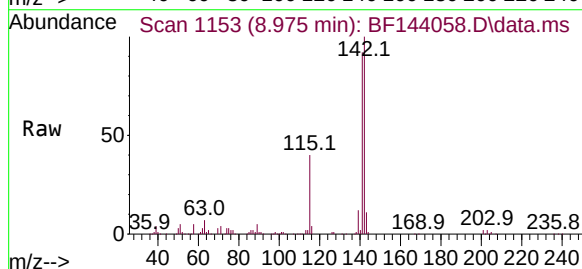
Acq: 24 Oct 2025 11:39

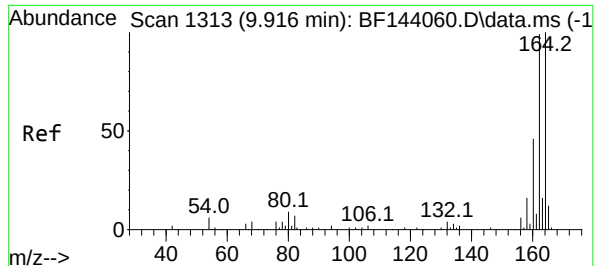
Tgt Ion:142 Resp: 108437

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

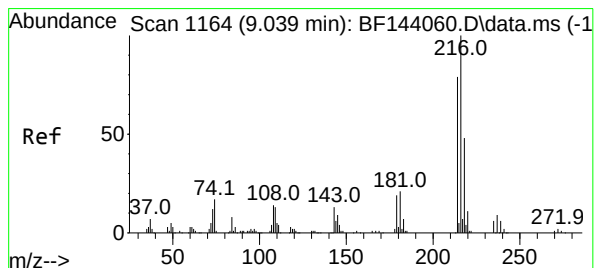
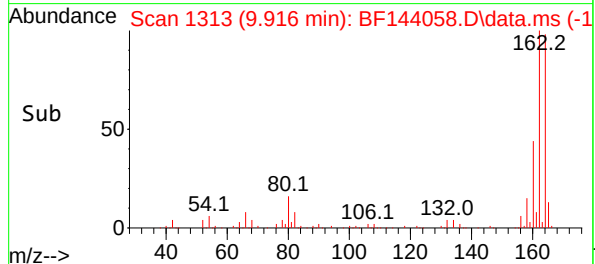
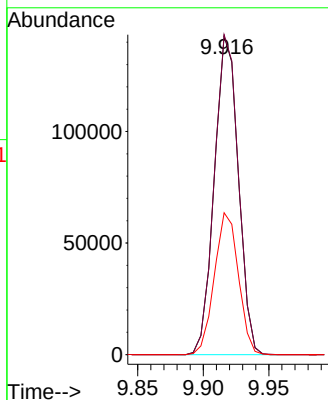
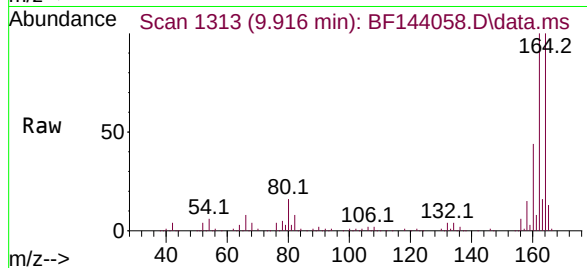
Tgt Ion:164 Resp: 181955

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

160 44.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.283 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:216 Resp: 64302

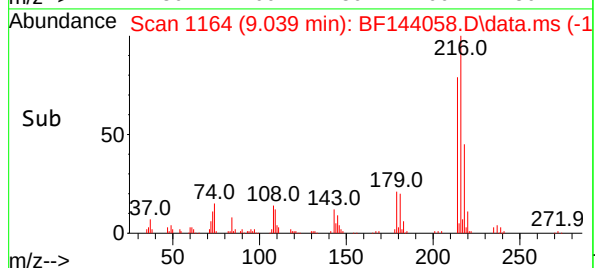
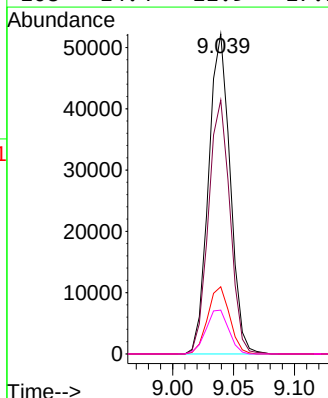
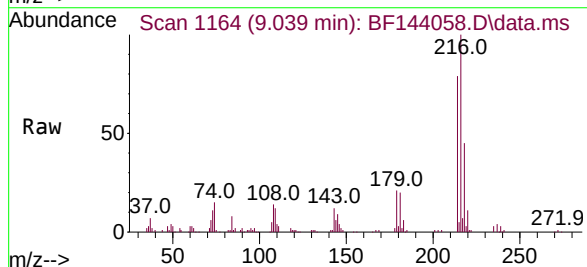
Ion Ratio Lower Upper

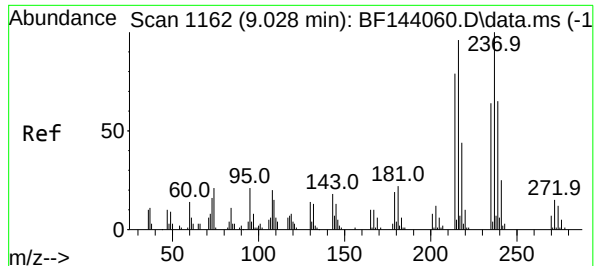
216 100

214 78.8 63.2 94.8

179 21.3 15.2 22.8

108 14.4 11.9 17.9

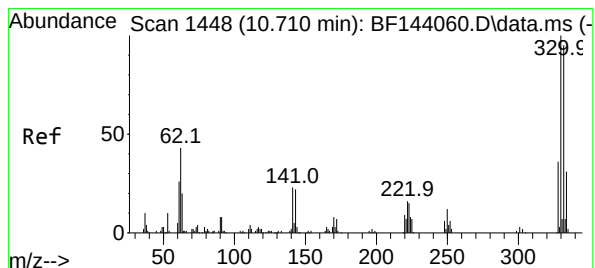
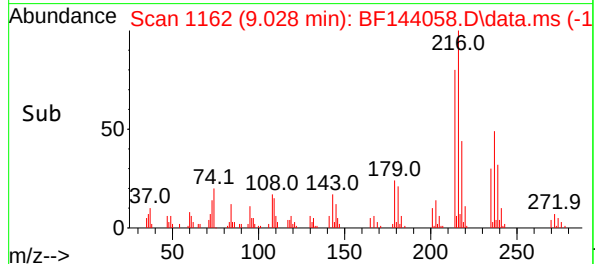
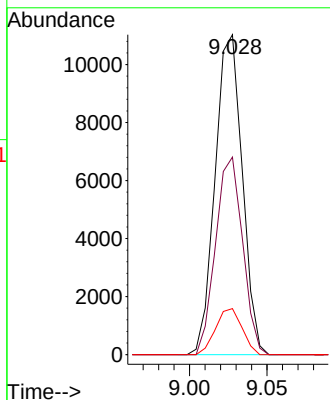
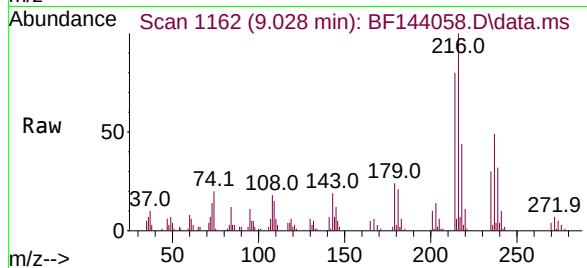




#41  
Hexachlorocyclopentadiene  
Concen: 6.972 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

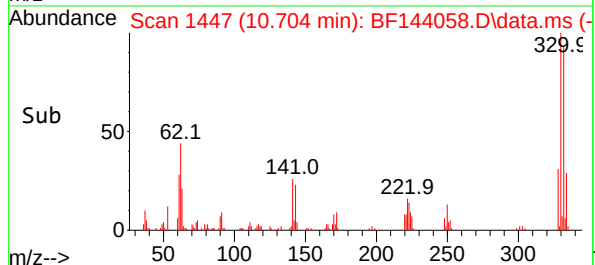
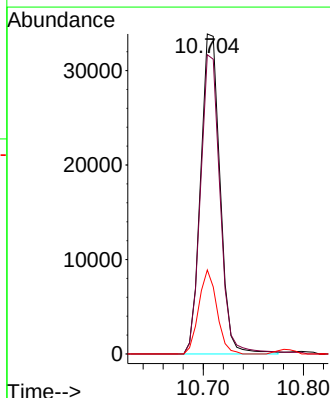
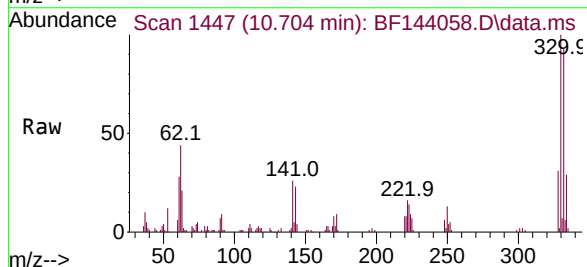
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

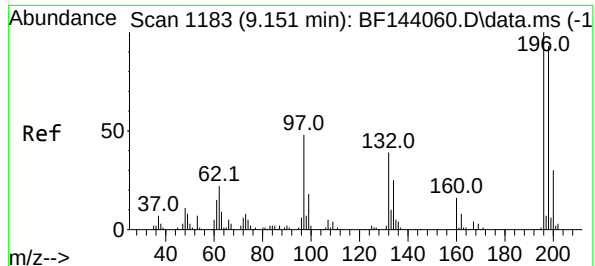
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 61.7  | 44.3  | 84.3  |
| 272     | 14.4  | 0.0   | 35.2  |



#42  
2,4,6-Tribromophenol  
Concen: 19.574 ng  
RT: 10.704 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 77.0  | 115.6 |
| 141     | 24.4  | 19.4  | 29.0  |





#43

2,4,6-Trichlorophenol

Concen: 10.000 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

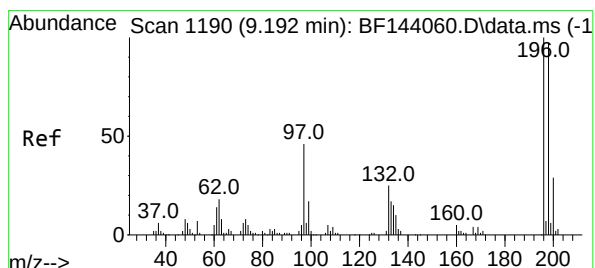
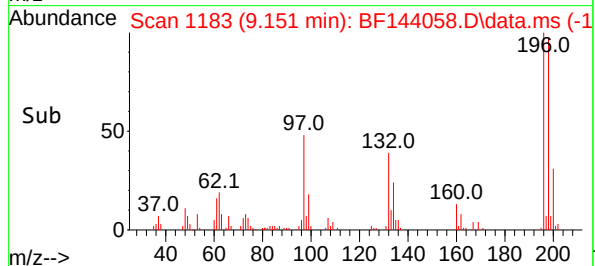
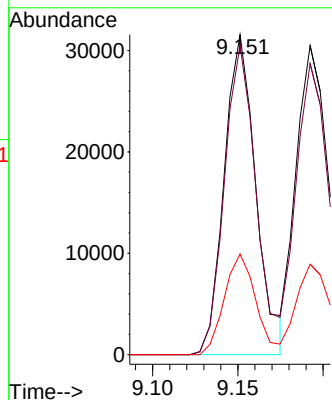
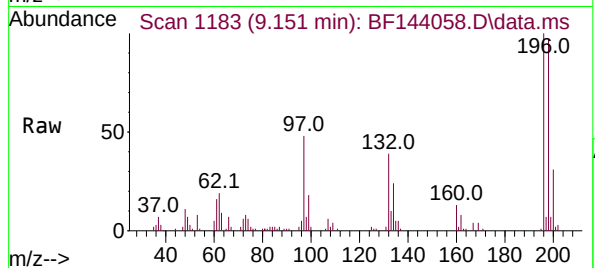
Tgt Ion:196 Resp: 40647

Ion Ratio Lower Upper

196 100

198 96.6 74.4 111.6

200 31.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 10.341 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:196 Resp: 44114

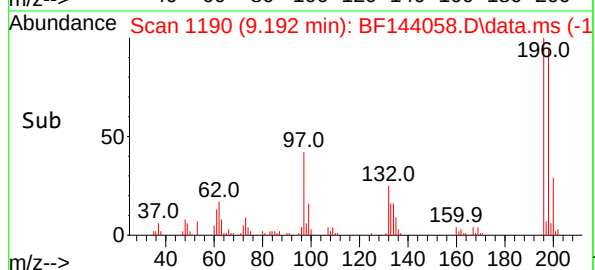
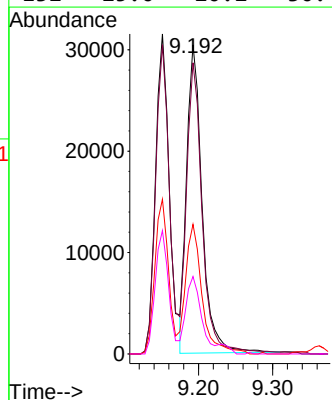
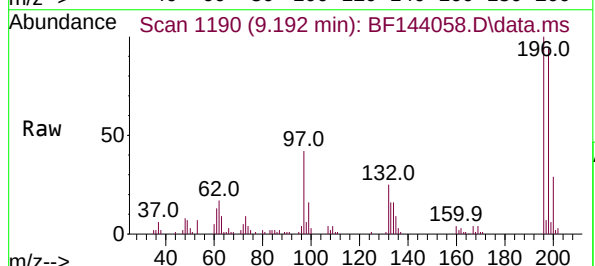
Ion Ratio Lower Upper

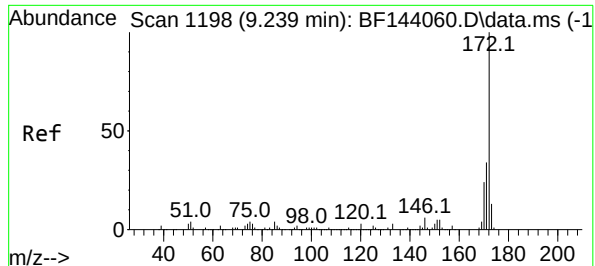
196 100

198 94.2 78.0 117.0

97 41.9 37.7 56.5

132 25.0 20.2 30.4

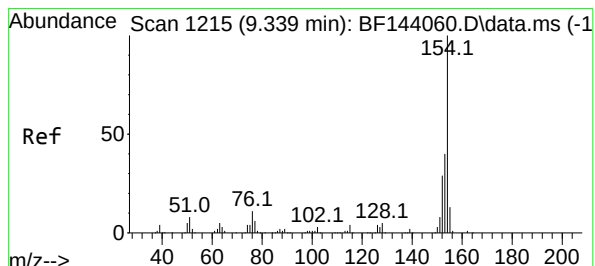
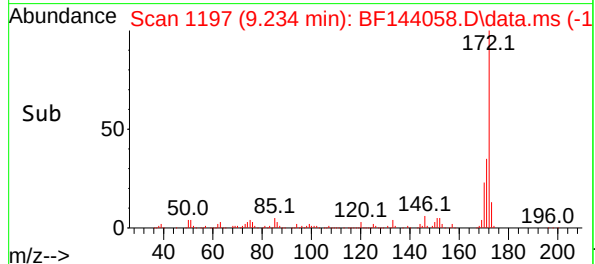
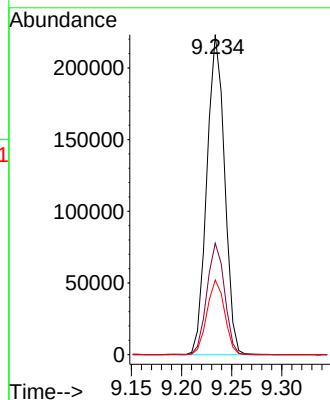
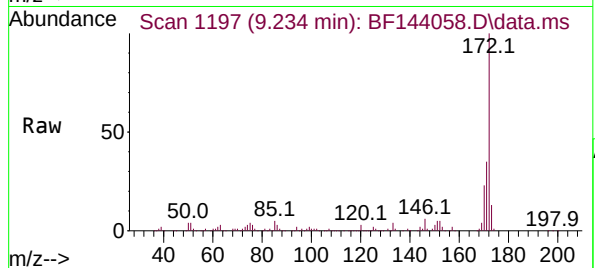




#45  
2-Fluorobiphenyl  
Concen: 21.152 ng  
RT: 9.234 min Scan# 1198  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

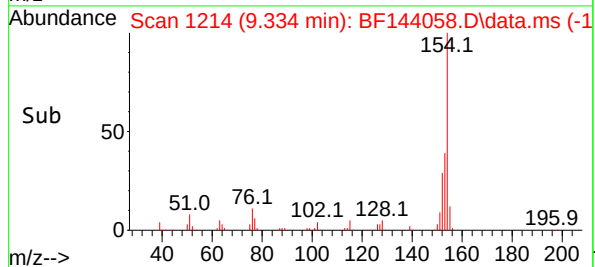
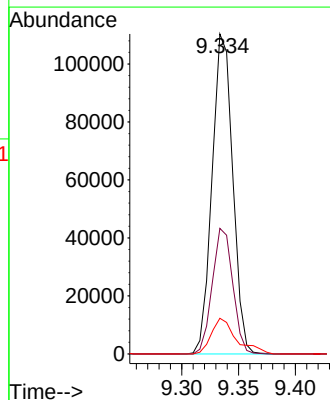
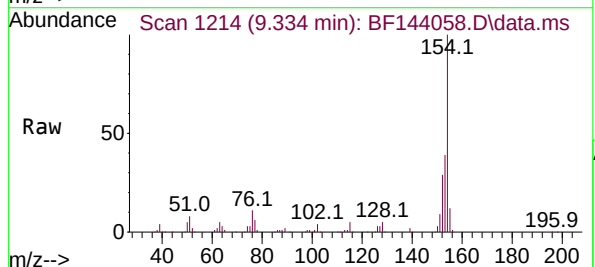
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

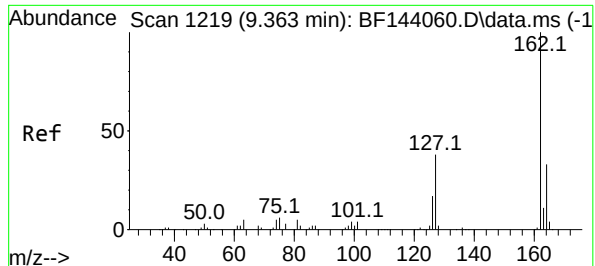
Tgt Ion:172 Resp: 273504  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.5 41.3  
170 23.3 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 10.704 ng  
RT: 9.334 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:154 Resp: 139423  
Ion Ratio Lower Upper  
154 100  
153 39.2 19.7 59.7  
76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 10.540 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144058.D

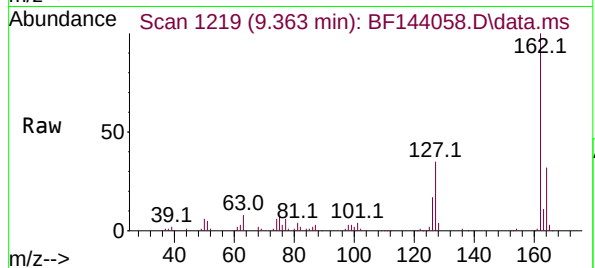
Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



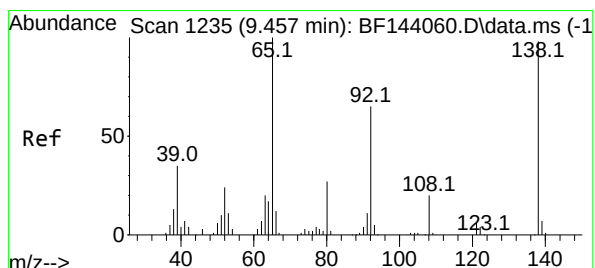
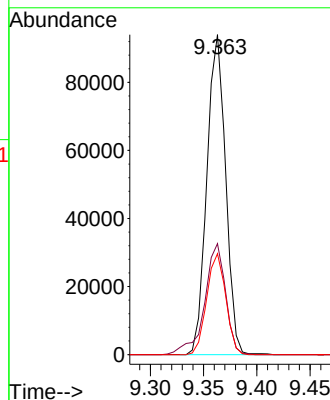
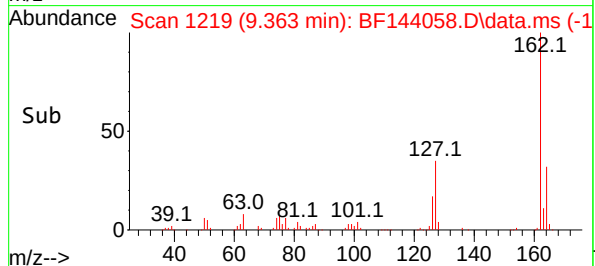
Tgt Ion:162 Resp: 115014

Ion Ratio Lower Upper

162 100

127 34.7 31.6 47.4

164 31.5 26.5 39.7



#48

2-Nitroaniline

Concen: 10.076 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

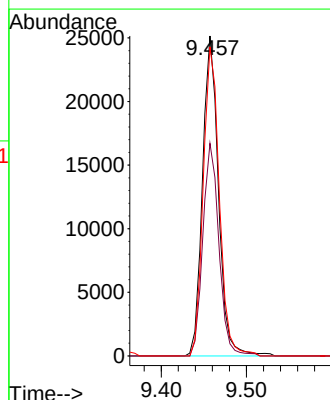
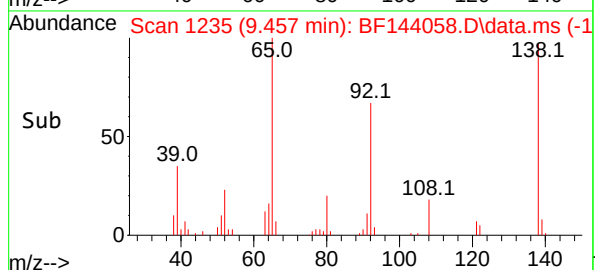
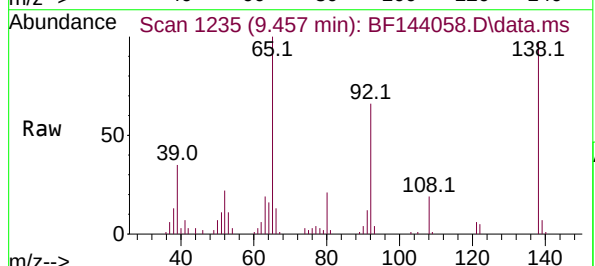
Tgt Ion: 65 Resp: 32649

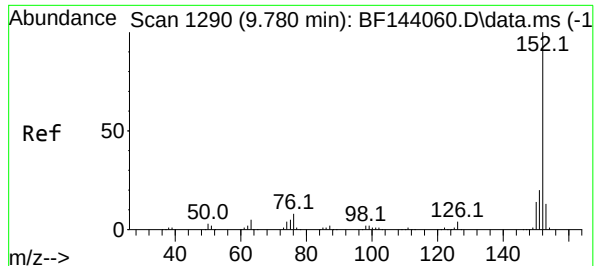
Ion Ratio Lower Upper

65 100

92 66.4 52.3 78.5

138 96.6 78.3 117.5





#49

Acenaphthylene

Concen: 10.470 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

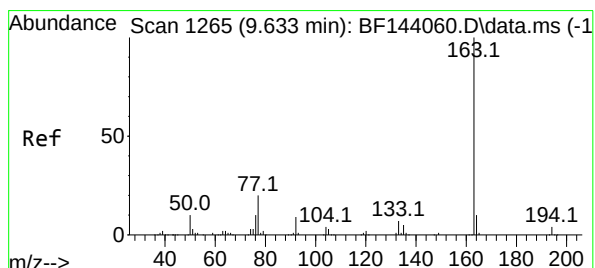
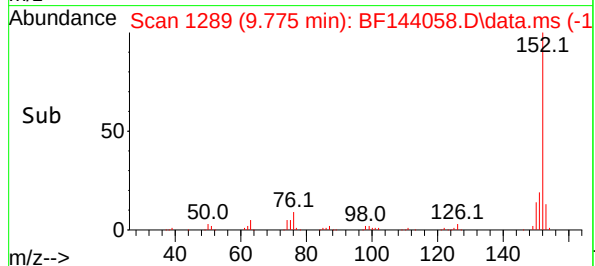
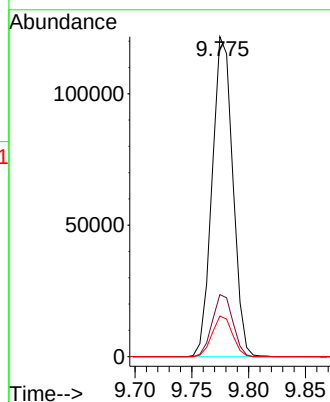
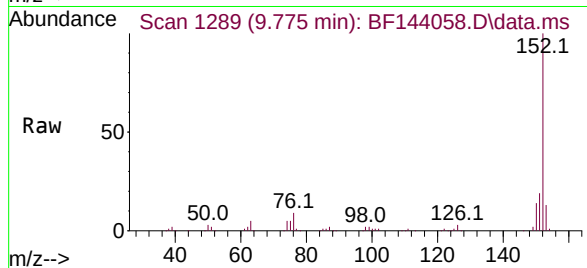
Tgt Ion:152 Resp: 154058

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

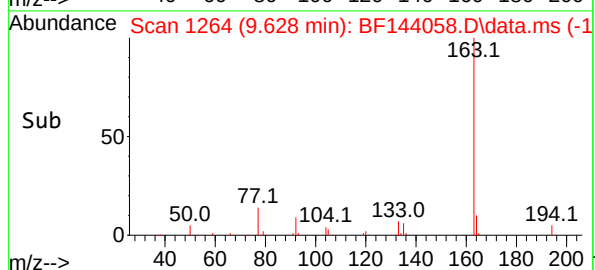
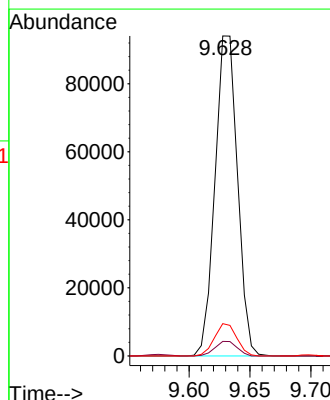
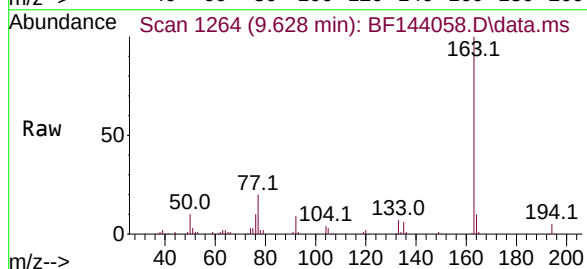
Tgt Ion:163 Resp: 120856

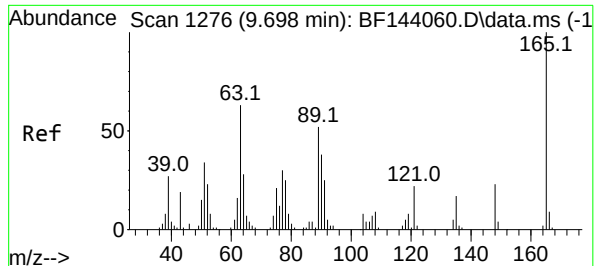
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.1 7.8 11.8

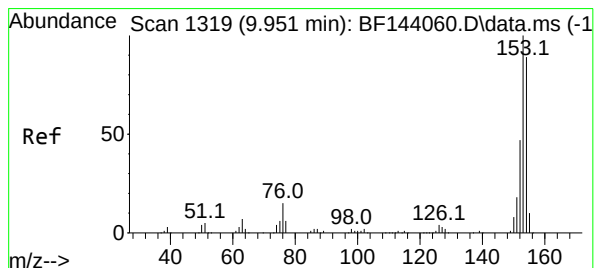
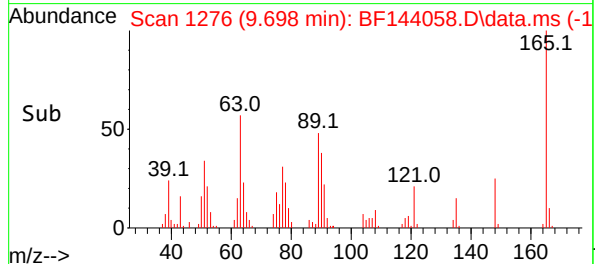
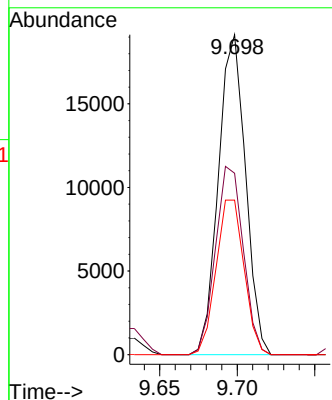
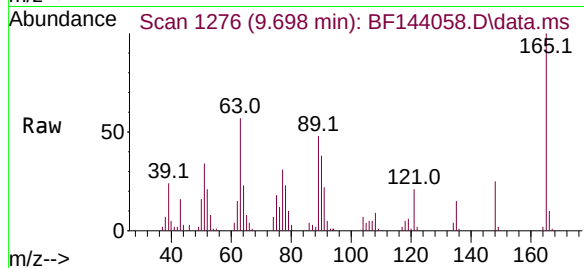




#51  
2,6-Dinitrotoluene  
Concen: 9.899 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

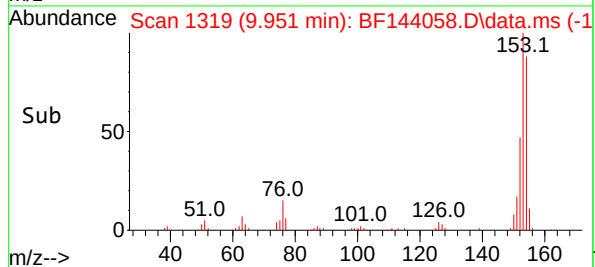
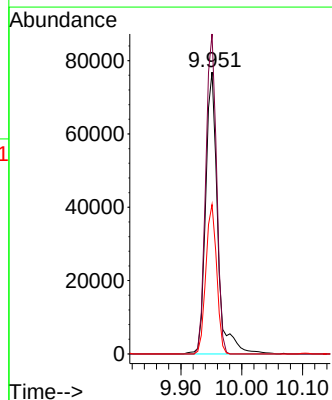
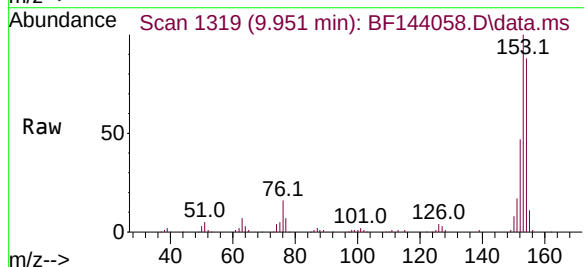
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.7  | 50.4  | 75.6  |
| 89      | 48.3  | 41.4  | 62.2  |

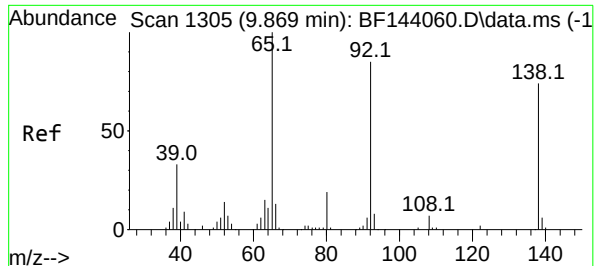


#52  
Acenaphthene  
Concen: 10.671 ng  
RT: 9.951 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.5 | 89.9  | 134.9 |
| 152     | 53.0  | 42.0  | 63.0  |



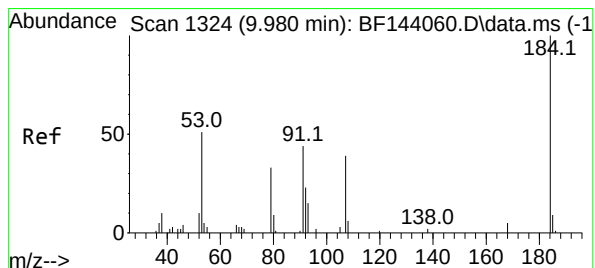
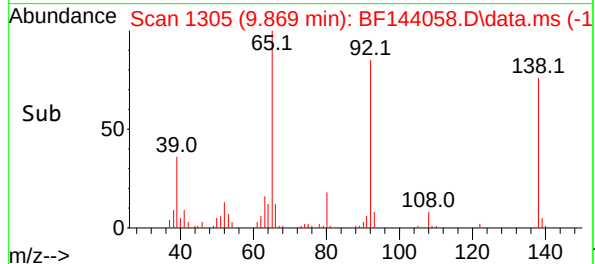
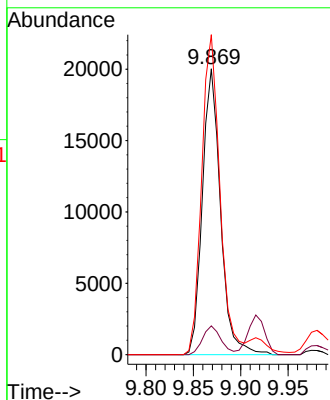
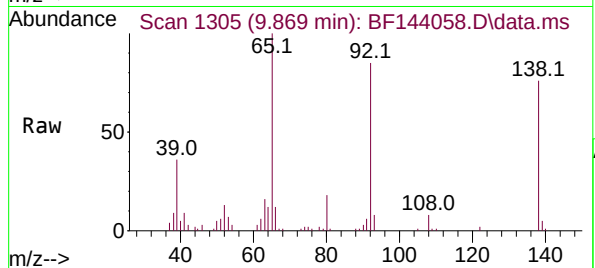




#53  
3-Nitroaniline  
Concen: 10.196 ng  
RT: 9.869 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

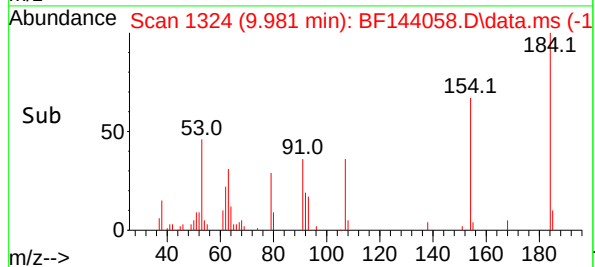
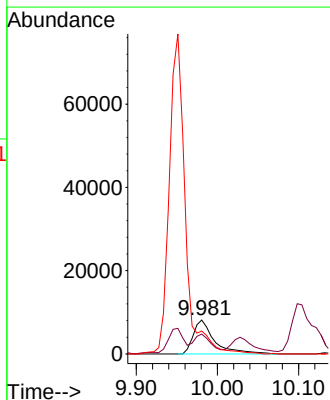
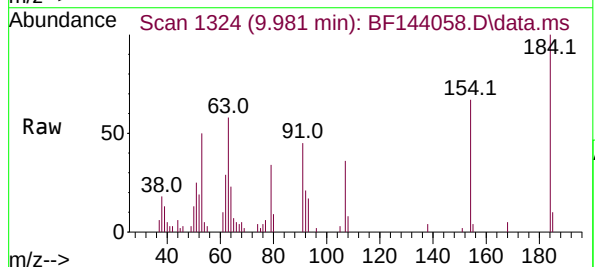
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

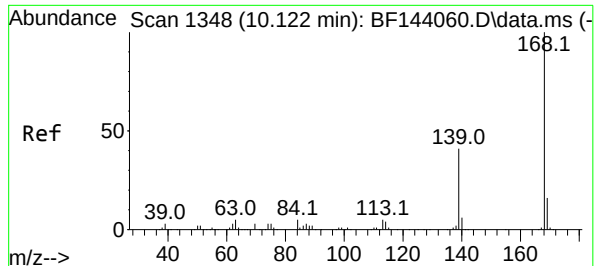
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.1  | 7.9   | 11.9  |
| 92      | 111.9 | 92.0  | 138.0 |



#54  
2,4-Dinitrophenol  
Concen: 11.496 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.3  | 52.1  | 78.1  |
| 154     | 67.4  | 47.9  | 71.9  |

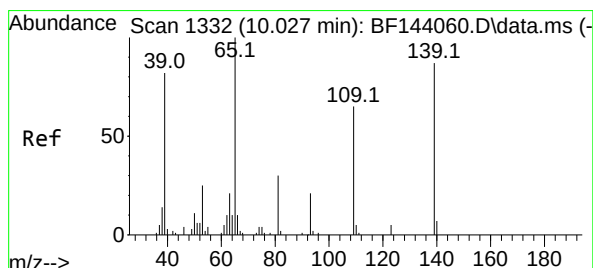
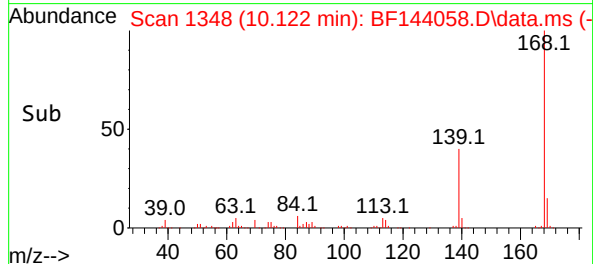
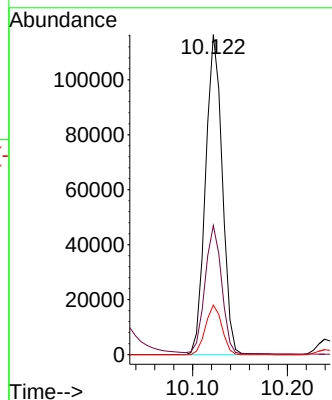
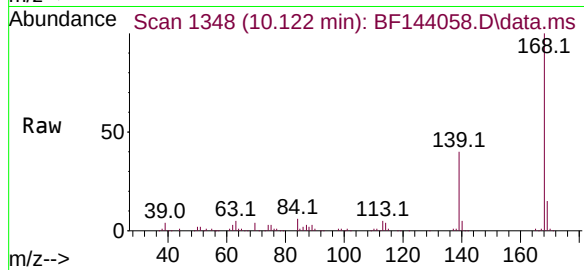




#55  
Dibenzofuran  
Concen: 10.481 ng  
RT: 10.122 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

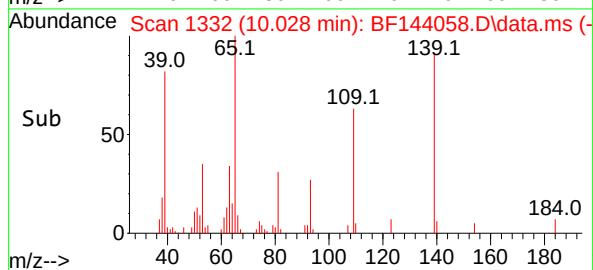
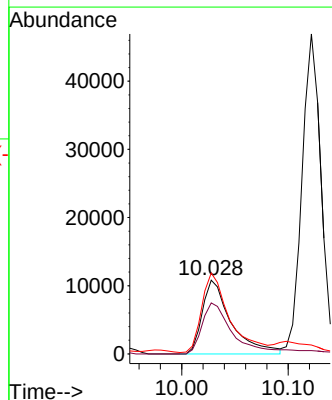
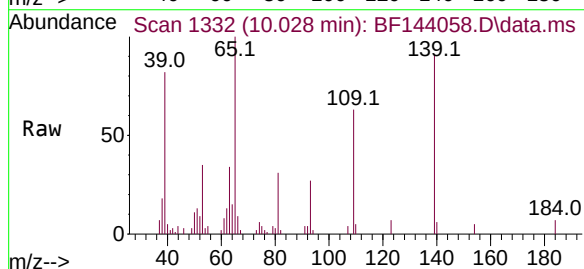
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

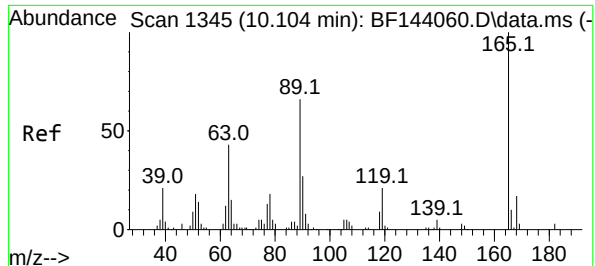
Tgt Ion:168 Resp: 142976  
Ion Ratio Lower Upper  
168 100  
139 40.3 33.2 49.8  
169 15.5 12.6 19.0



#56  
4-Nitrophenol  
Concen: 11.482 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

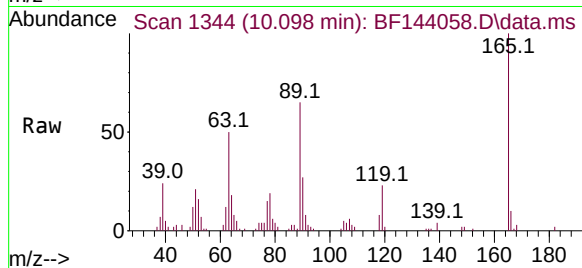
Tgt Ion:139 Resp: 20383  
Ion Ratio Lower Upper  
139 100  
109 69.1 53.8 93.8  
65 109.7 95.9 135.9



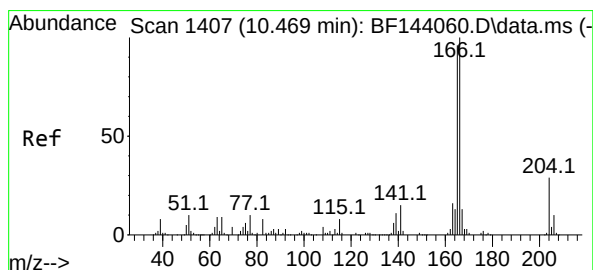
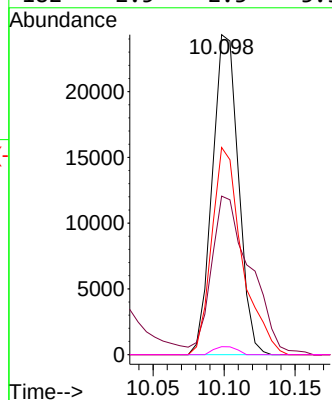
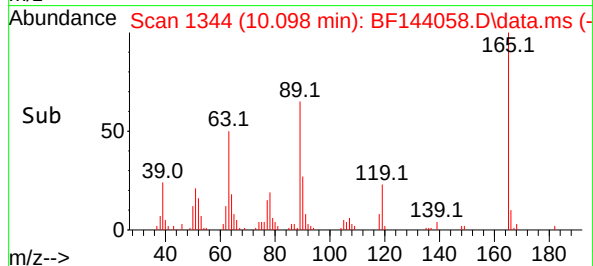


#57  
2,4-Dinitrotoluene  
Concen: 9.793 ng  
RT: 10.098 min Scan# 1344  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

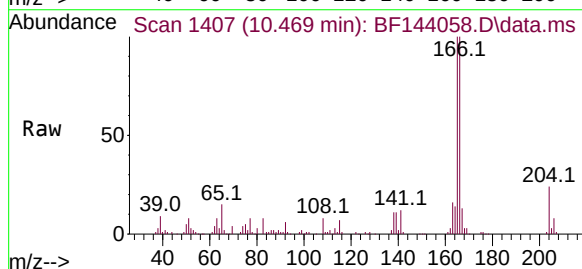
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



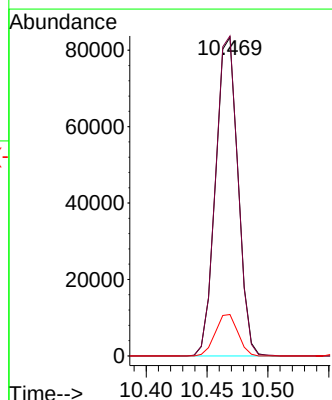
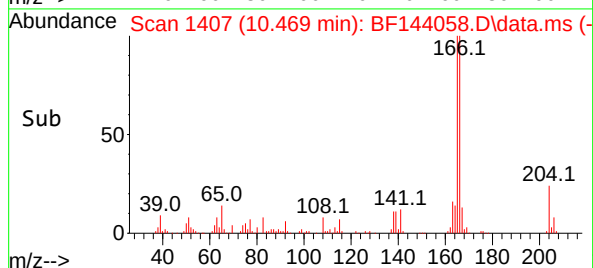
Tgt Ion:165 Resp: 31163  
Ion Ratio Lower Upper  
165 100  
63 49.5 35.4 53.2  
89 64.7 52.7 79.1  
182 2.5 2.3 3.5

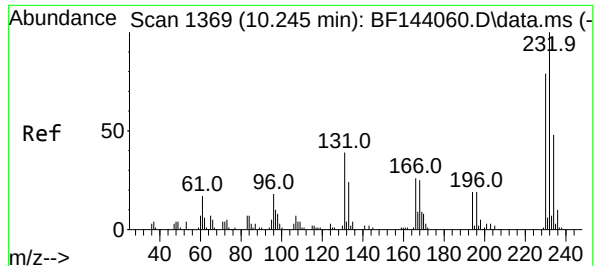


#58  
Fluorene  
Concen: 10.232 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39



Tgt Ion:166 Resp: 106355  
Ion Ratio Lower Upper  
166 100  
165 100.5 77.0 115.4  
167 13.0 10.2 15.4

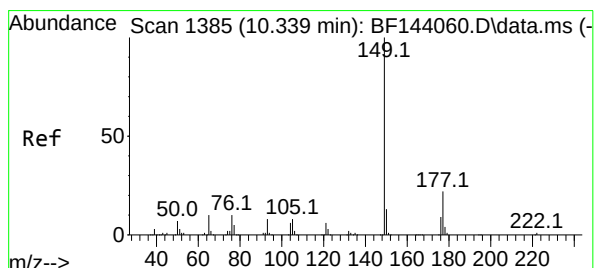
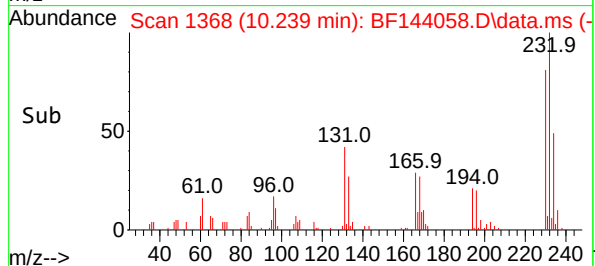
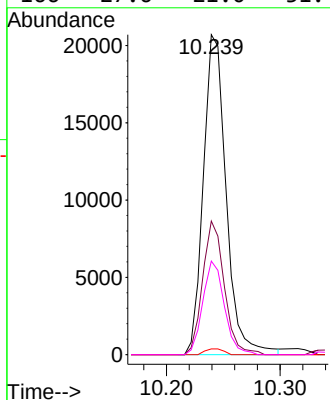
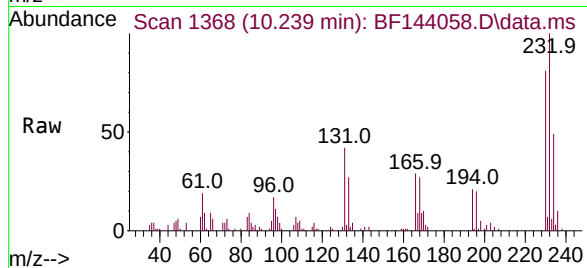




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.612 ng  
RT: 10.239 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

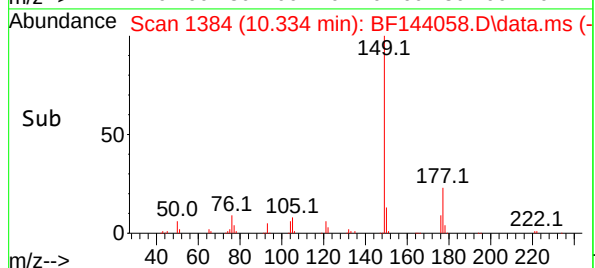
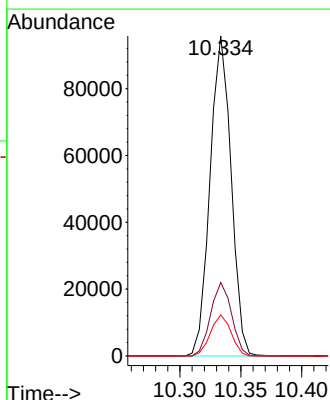
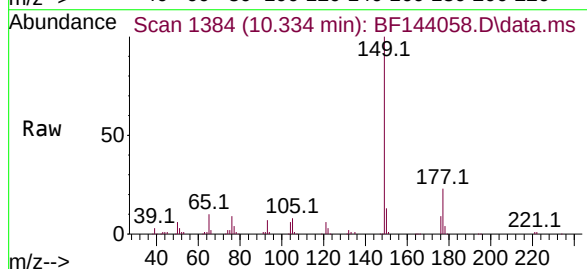
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

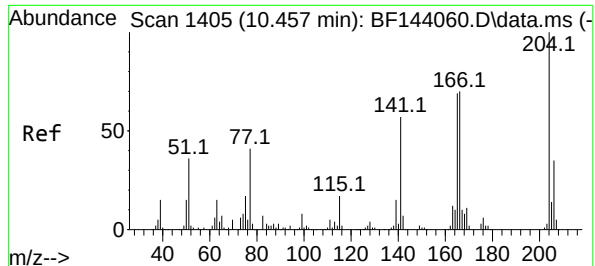
Tgt Ion:232 Resp: 28893  
Ion Ratio Lower Upper  
232 100  
131 39.6 31.9 47.9  
130 1.4 1.1 1.7  
166 27.6 21.0 31.4



#60  
Diethylphthalate  
Concen: 10.256 ng  
RT: 10.334 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:149 Resp: 115029  
Ion Ratio Lower Upper  
149 100  
177 22.9 17.8 26.6  
150 12.8 10.1 15.1

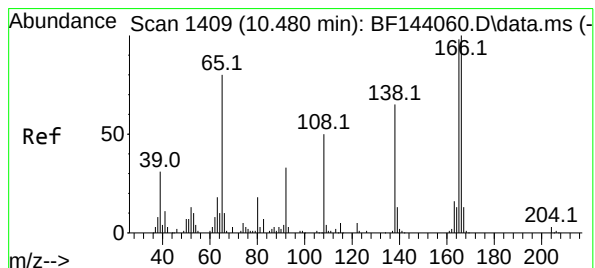
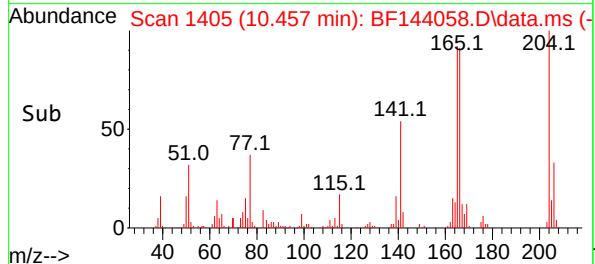
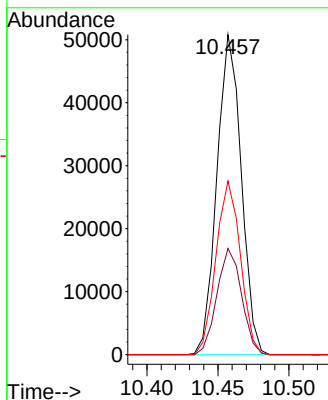
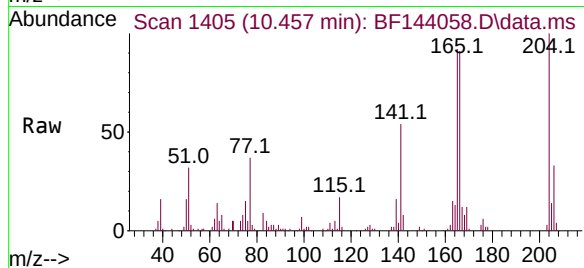




#61  
4-Chlorophenyl-phenylether  
Concen: 10.385 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

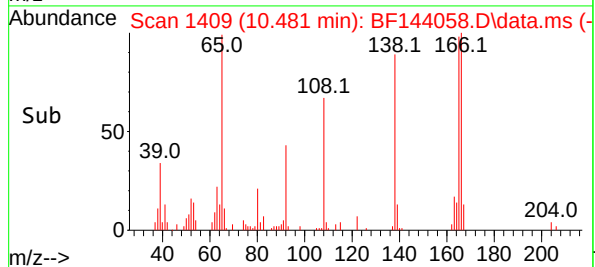
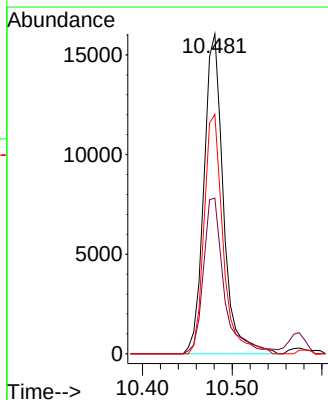
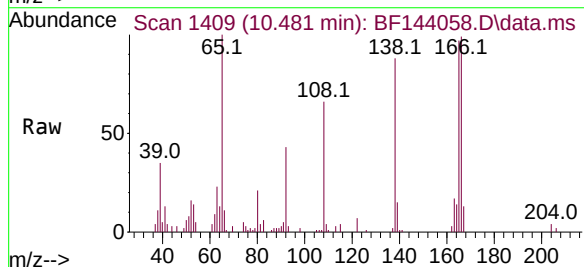
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

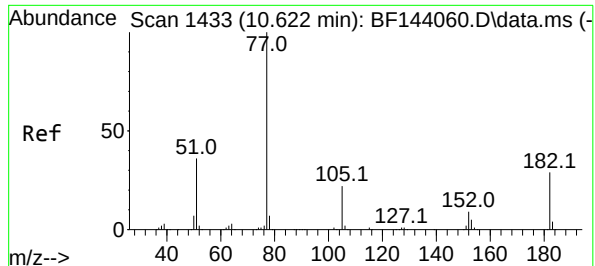
Tgt Ion:204 Resp: 60704  
Ion Ratio Lower Upper  
204 100  
206 33.2 27.8 41.6  
141 54.3 45.4 68.2



#62  
4-Nitroaniline  
Concen: 9.752 ng  
RT: 10.481 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:138 Resp: 24222  
Ion Ratio Lower Upper  
138 100  
92 48.7 30.5 70.5  
108 74.9 56.2 96.2

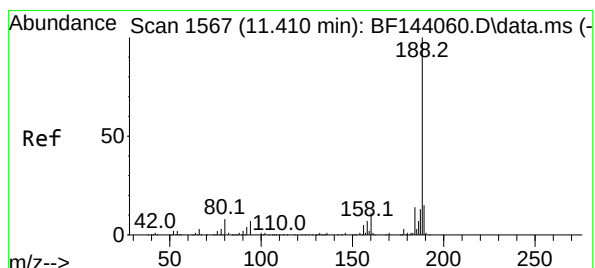
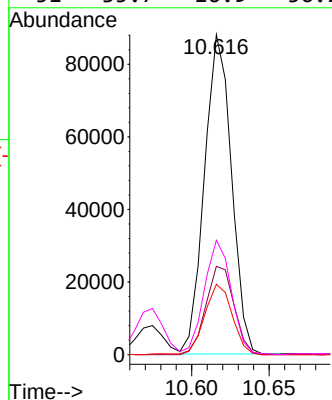
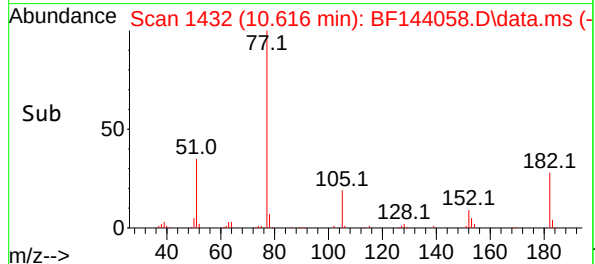
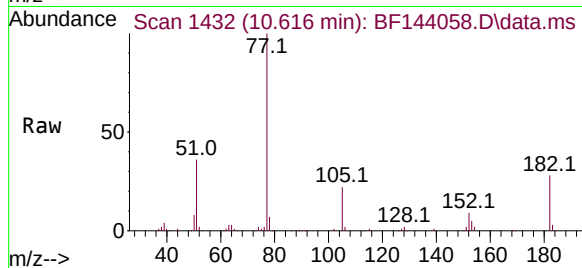




#63  
Azobenzene  
Concen: 10.095 ng  
RT: 10.616 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

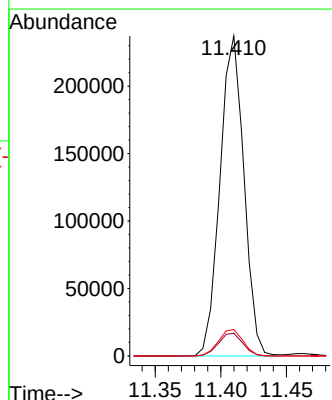
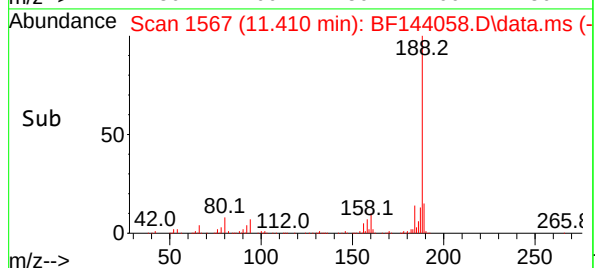
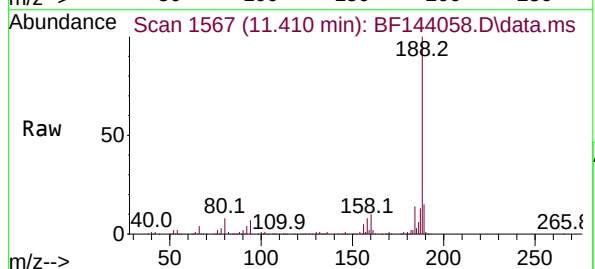
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

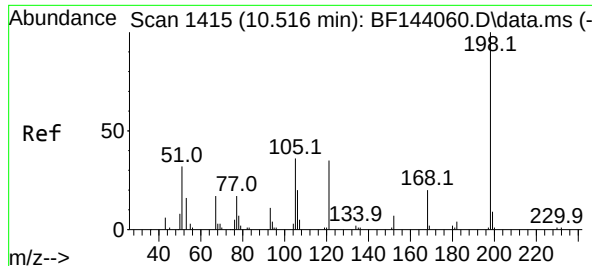
Tgt Ion: 77 Resp: 107163  
Ion Ratio Lower Upper  
77 100  
182 27.6 9.0 49.0  
105 22.0 1.4 41.4  
51 35.7 16.9 56.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion: 188 Resp: 301308  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.4 8.0  
80 8.2 6.0 9.0

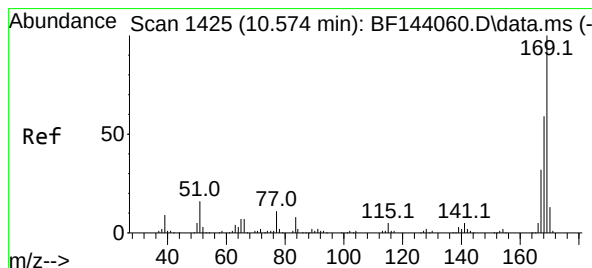
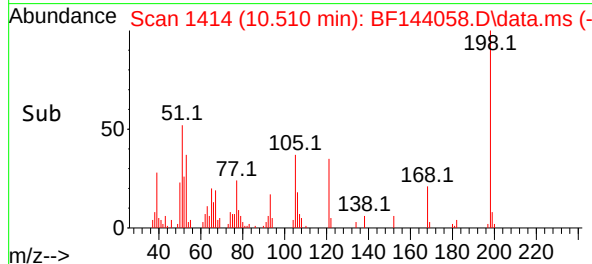
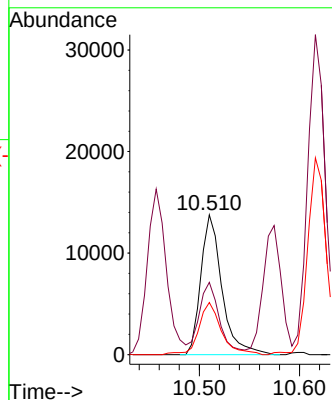
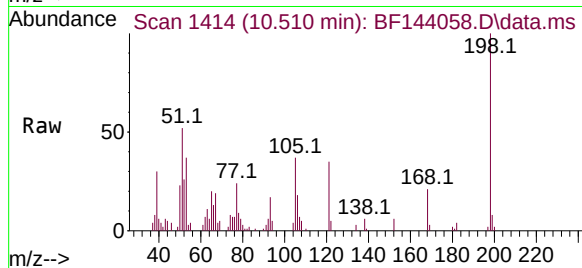




#65  
4,6-Dinitro-2-methylphenol  
Concen: 10.394 ng  
RT: 10.510 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

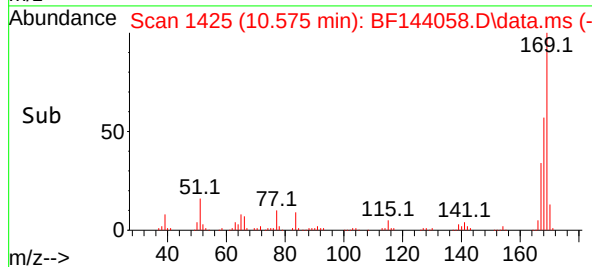
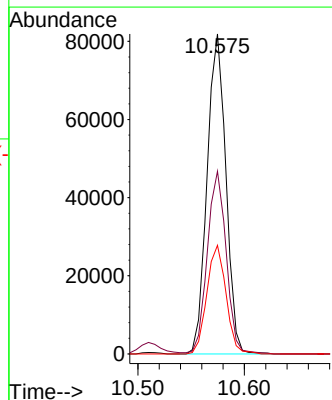
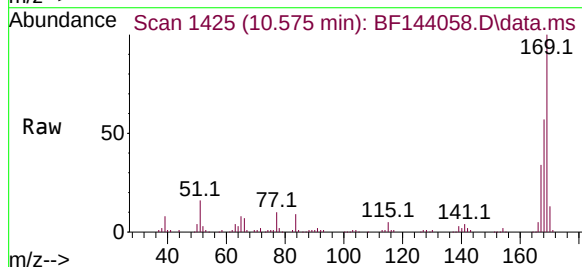
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

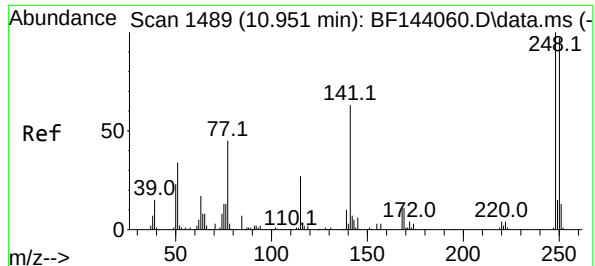
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 51.6  | 25.8  | 65.8  |
| 105     | 37.3  | 17.2  | 57.2  |



#66  
n-Nitrosodiphenylamine  
Concen: 10.422 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 57.1  | 47.4  | 71.2  |
| 167     | 33.9  | 25.5  | 38.3  |

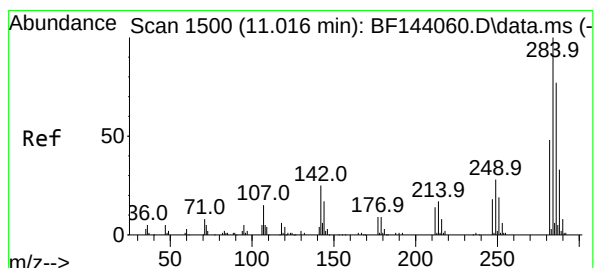
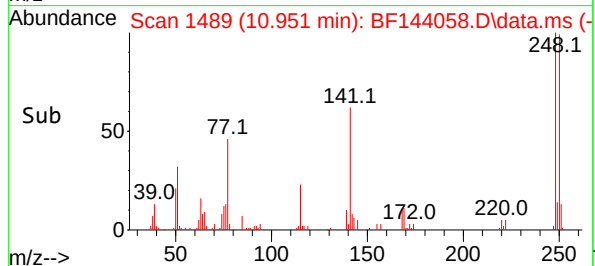
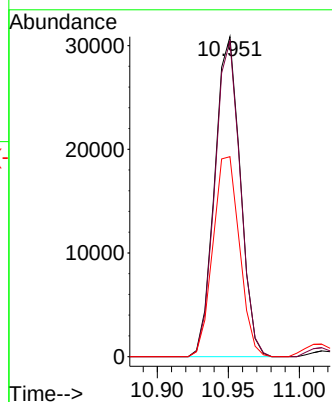
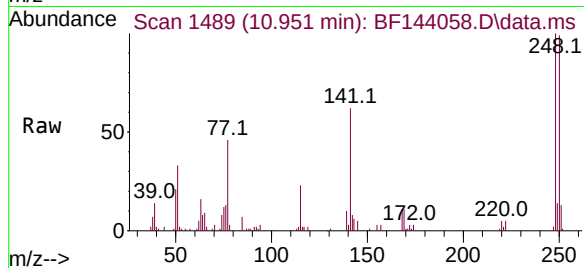




#67  
4-Bromophenyl-phenylether  
Concen: 10.242 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

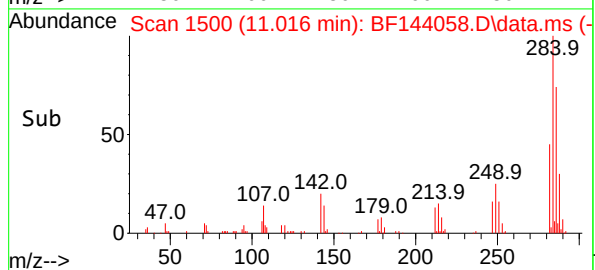
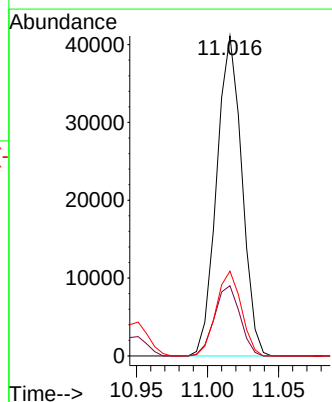
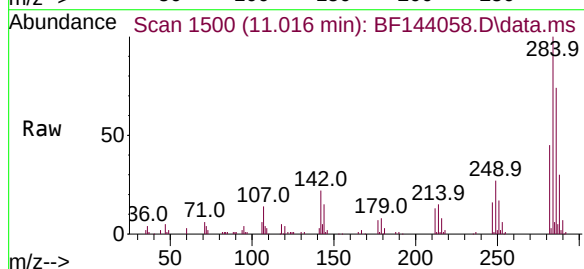
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:248 Resp: 38639  
Ion Ratio Lower Upper  
248 100  
250 98.5 77.8 116.6  
141 62.5 50.5 75.7

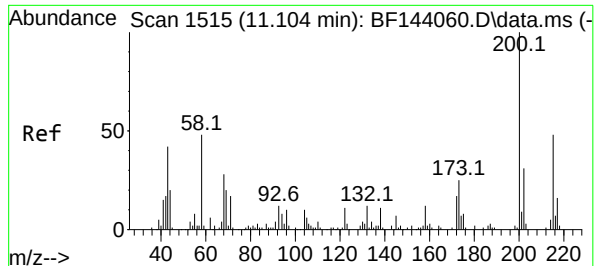


#68  
Hexachlorobenzene  
Concen: 10.990 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:284 Resp: 50850  
Ion Ratio Lower Upper  
284 100  
142 22.0 20.0 30.0  
249 26.5 22.2 33.2







#69

Atrazine

Concen: 10.638 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

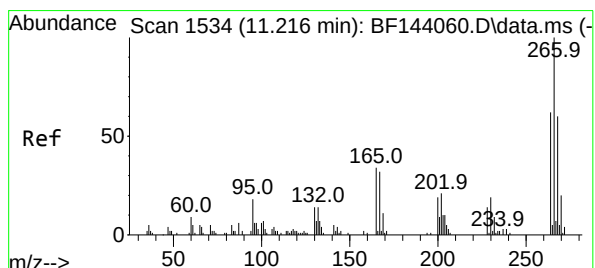
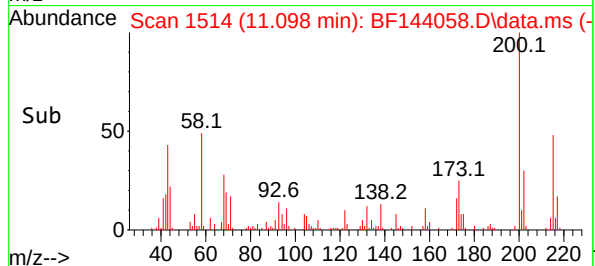
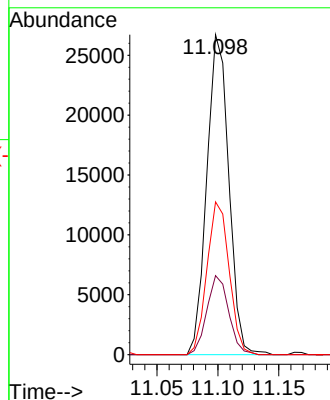
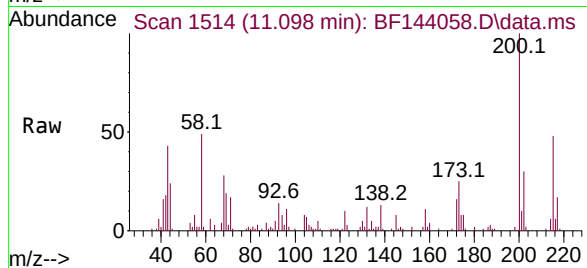
Tgt Ion:200 Resp: 33605

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 8.386 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

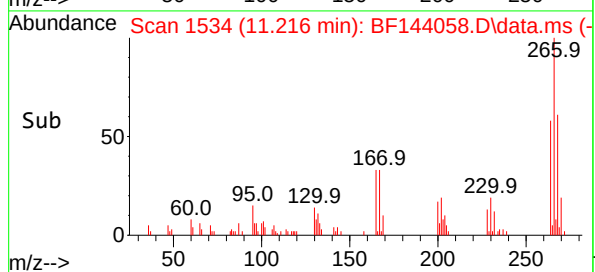
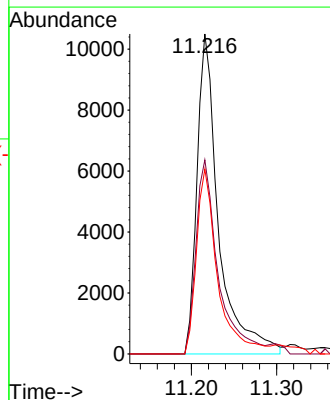
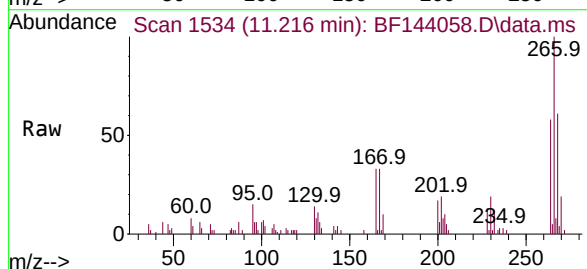
Tgt Ion:266 Resp: 18468

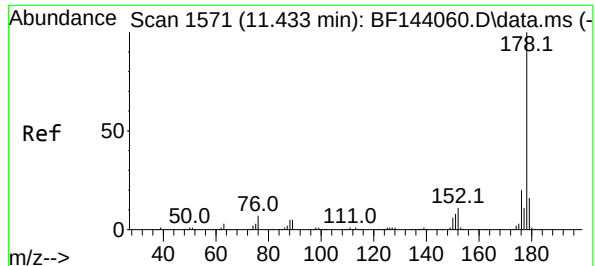
Ion Ratio Lower Upper

266 100

268 60.6 48.2 72.4

264 57.7 49.4 74.0

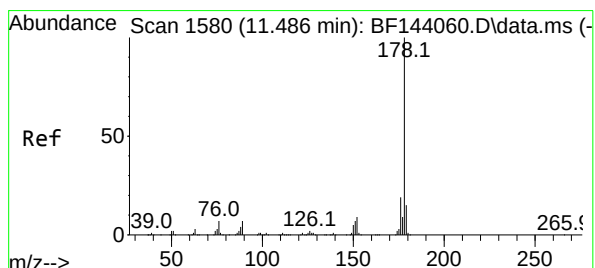
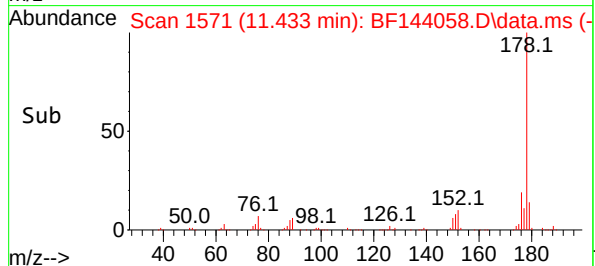
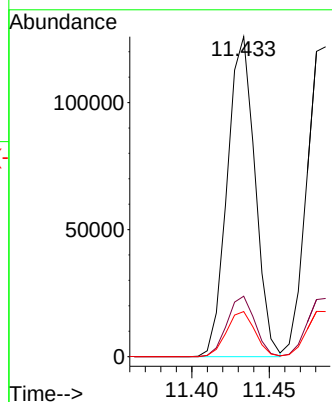
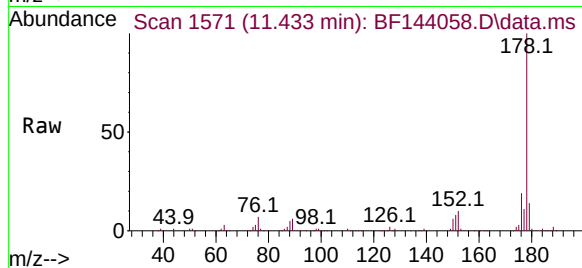




#71  
Phenanthrene  
Concen: 10.467 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

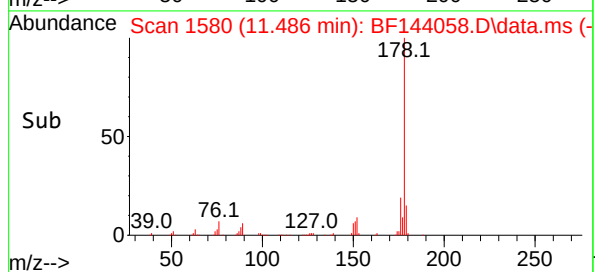
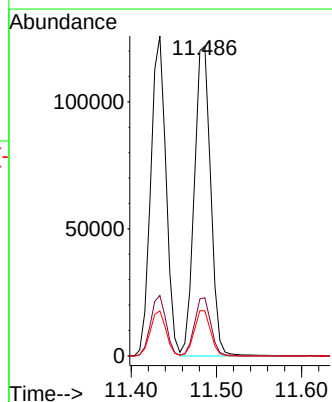
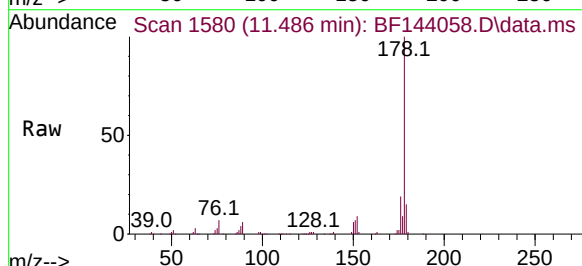
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

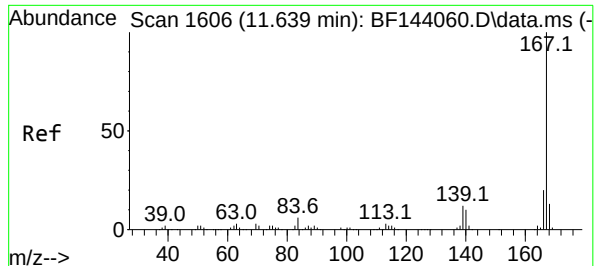
Tgt Ion:178 Resp: 156663  
Ion Ratio Lower Upper  
178 100  
176 18.9 16.3 24.5  
179 14.1 12.6 18.8



#72  
Anthracene  
Concen: 10.491 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

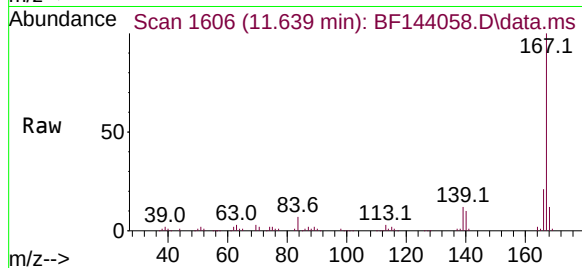
Tgt Ion:178 Resp: 162203  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 14.5 11.8 17.6



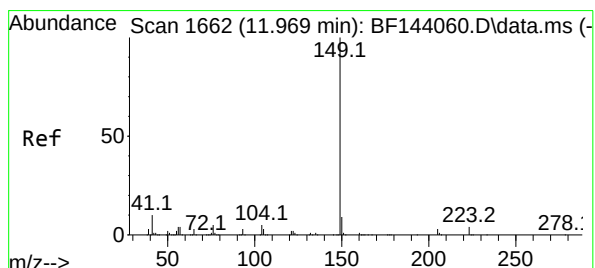
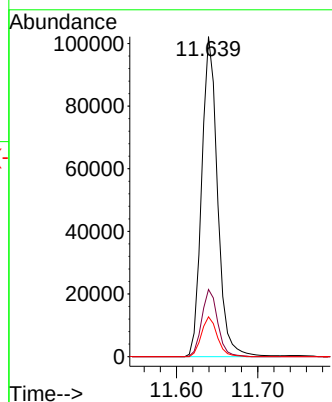
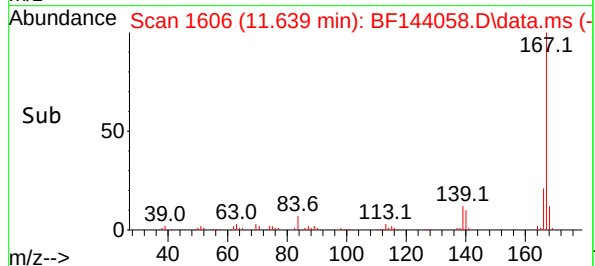


#73  
Carbazole  
Concen: 10.534 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

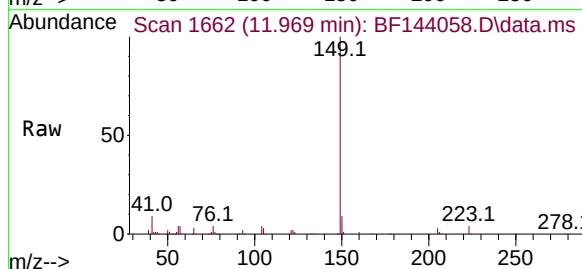
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



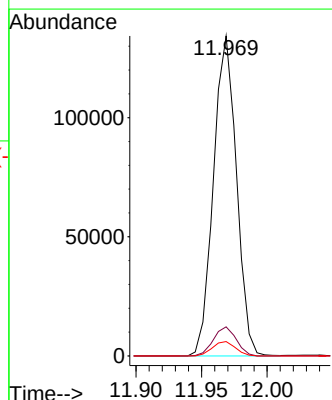
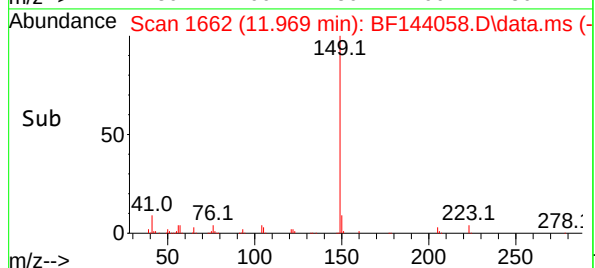
Tgt Ion:167 Resp: 138634  
Ion Ratio Lower Upper  
167 100  
166 21.0 16.1 24.1  
139 12.4 9.8 14.6

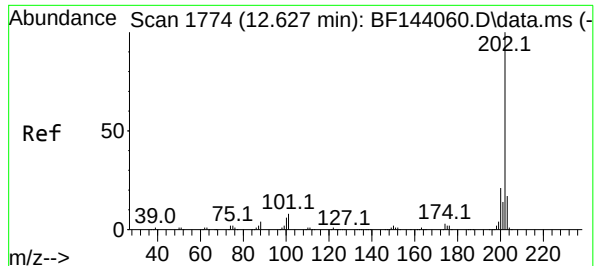


#74  
Di-n-butylphthalate  
Concen: 10.183 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39



Tgt Ion:149 Resp: 164302  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 4.5 3.6 5.4

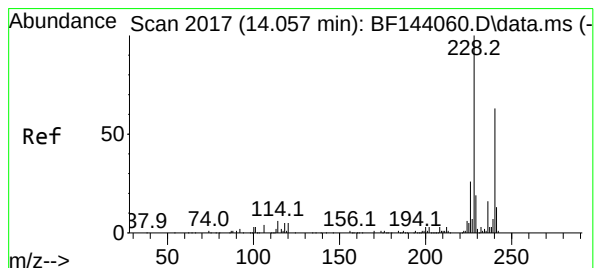
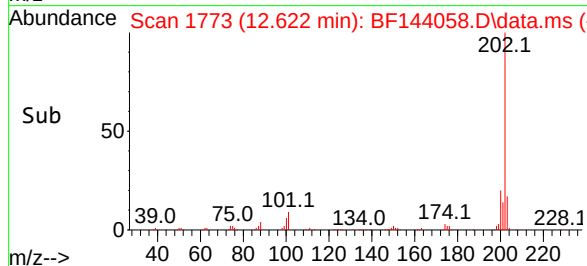
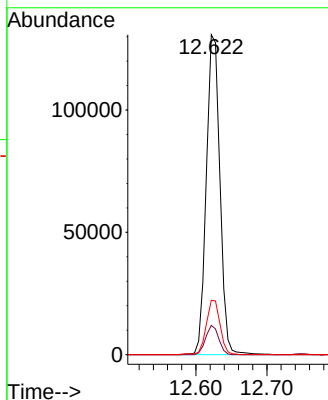
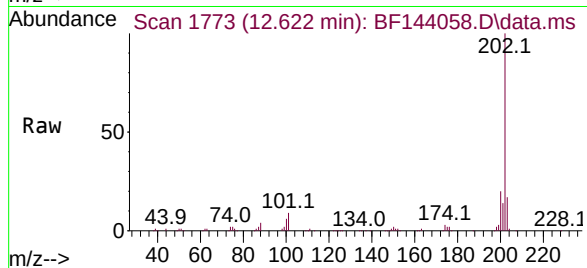




#75  
Fluoranthene  
Concen: 10.486 ng  
RT: 12.622 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

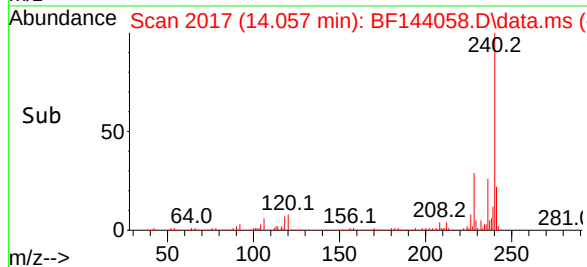
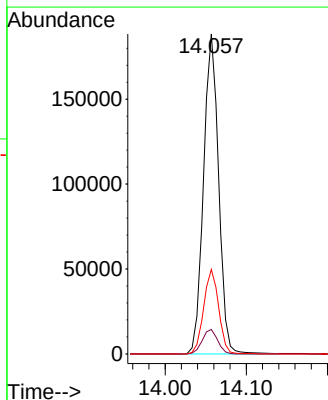
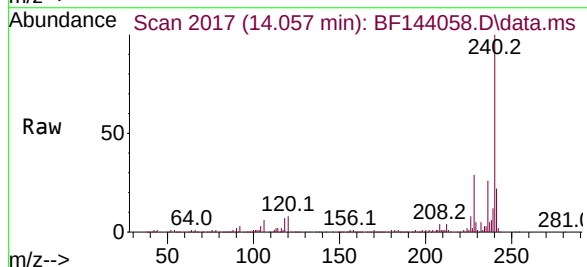
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

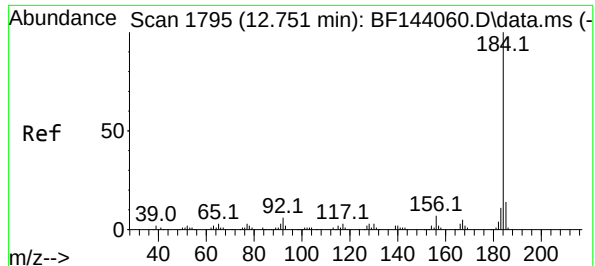
Tgt Ion:202 Resp: 173397  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 27.7  
203 17.0 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:240 Resp: 243705  
Ion Ratio Lower Upper  
240 100  
120 7.6 6.5 9.7  
236 26.4 20.1 30.1





#77

Benzidine

Concen: 11.068 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

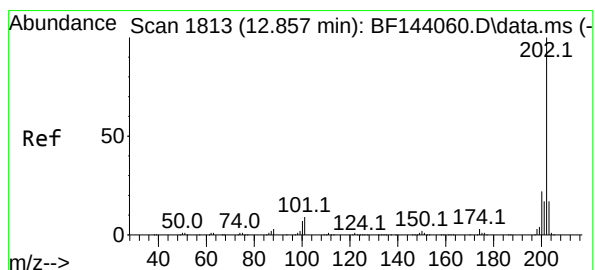
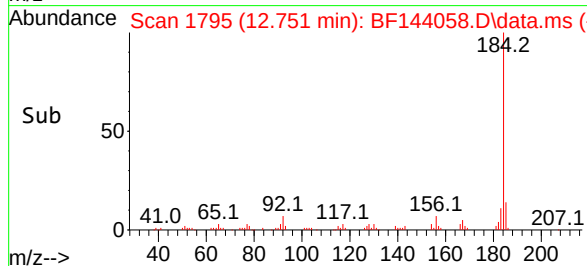
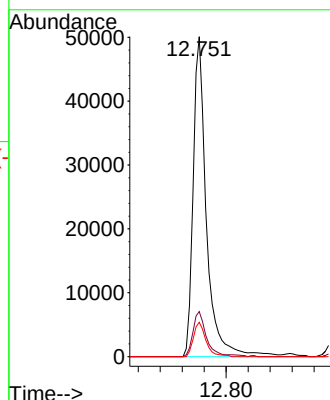
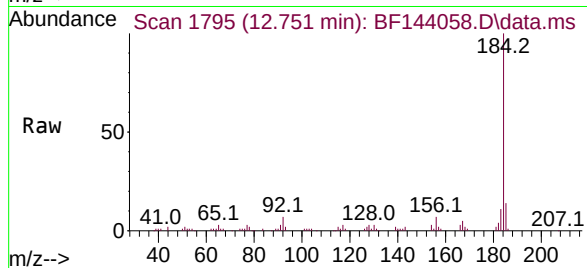
Tgt Ion:184 Resp: 83945

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.7 8.5 12.7



#78

Pyrene

Concen: 10.196 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

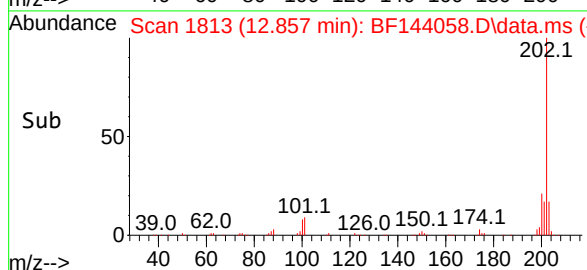
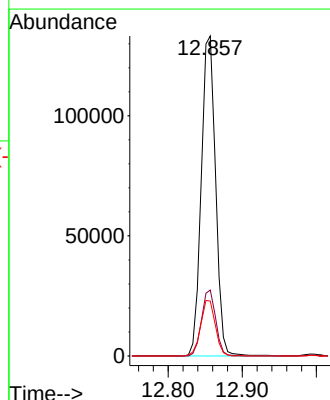
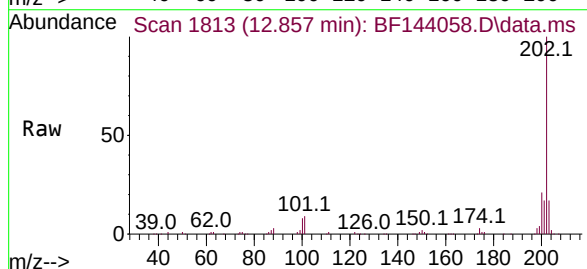
Tgt Ion:202 Resp: 178638

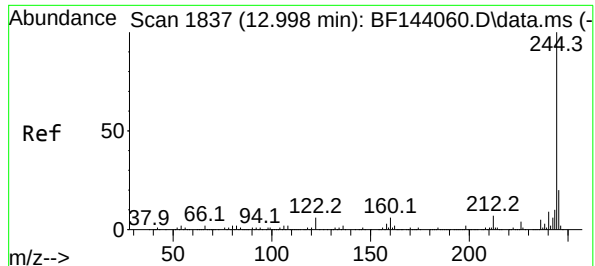
Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 19.833 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

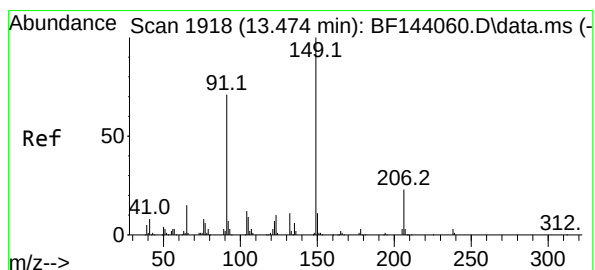
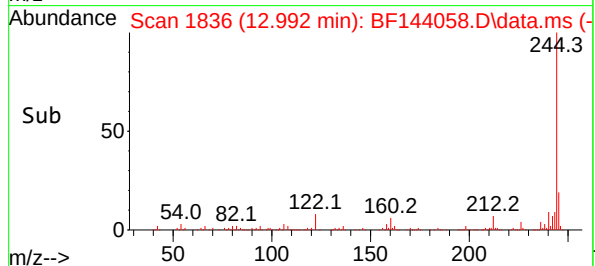
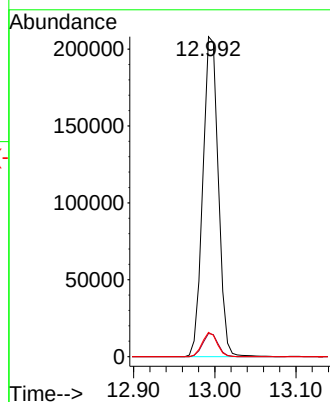
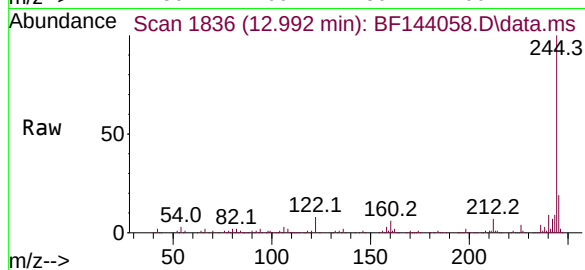
Tgt Ion:244 Resp: 276477

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 7.6 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 9.964 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

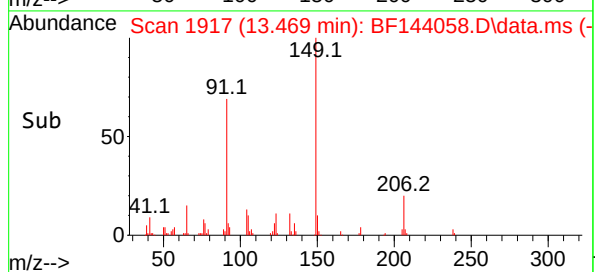
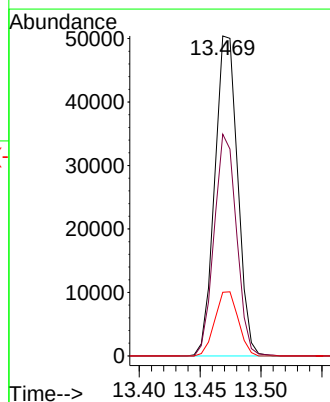
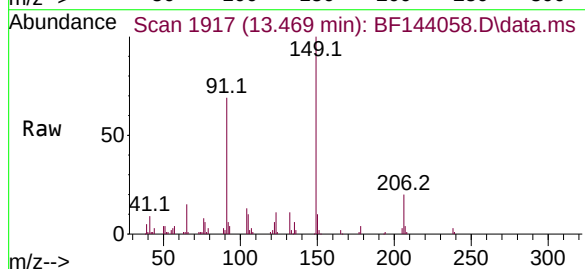
Tgt Ion:149 Resp: 66048

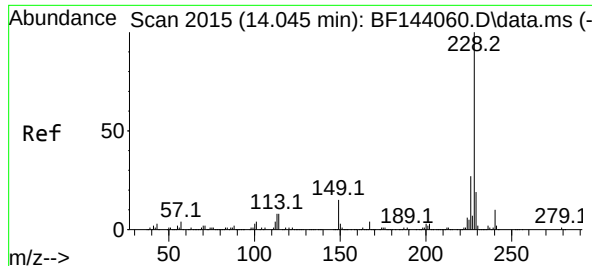
Ion Ratio Lower Upper

149 100

91 69.3 56.6 84.8

206 19.9 18.3 27.5

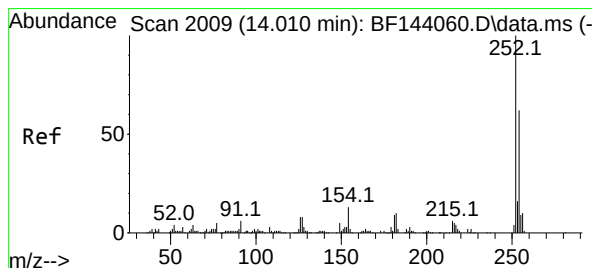
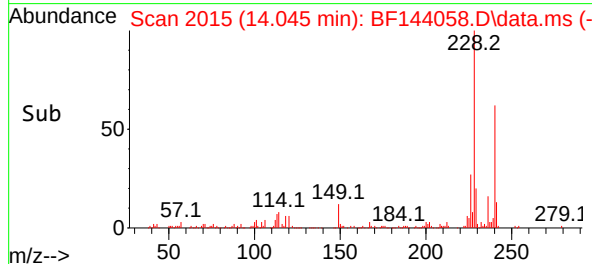
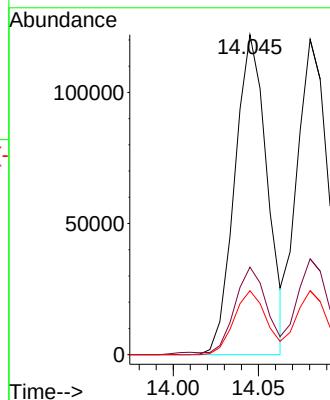
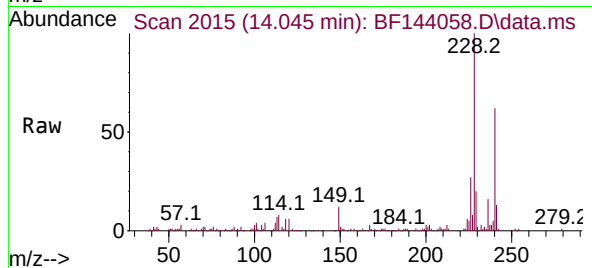




#81  
Benzo(a)anthracene  
Concen: 9.778 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

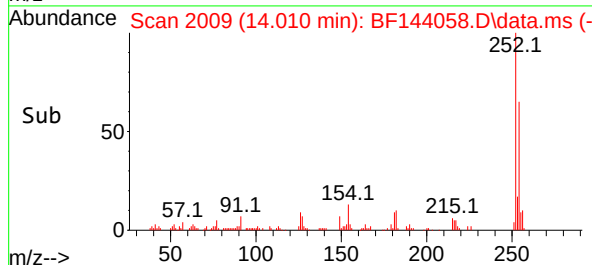
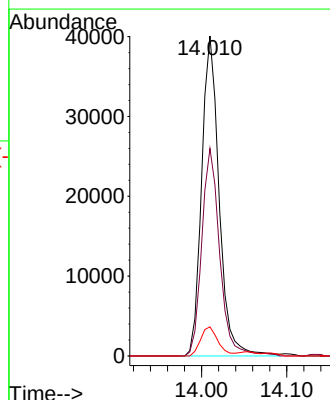
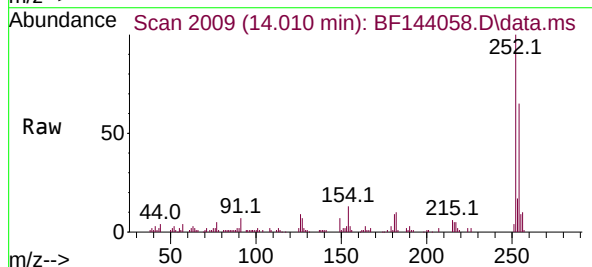
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

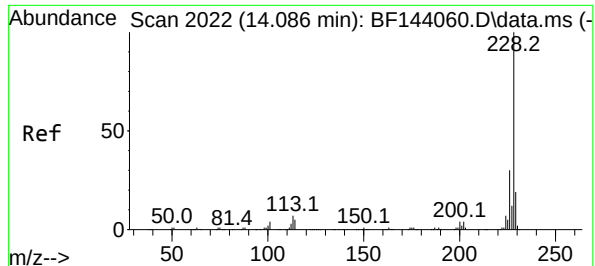
Tgt Ion:228 Resp: 161042  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.4 32.2  
229 20.0 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 9.963 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:252 Resp: 57120  
Ion Ratio Lower Upper  
252 100  
254 64.8 49.9 74.9  
126 9.1 6.5 9.7





#83

Chrysene

Concen: 9.954 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

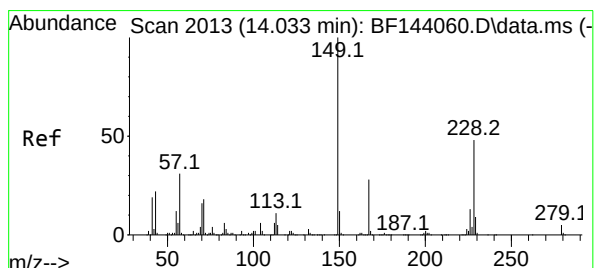
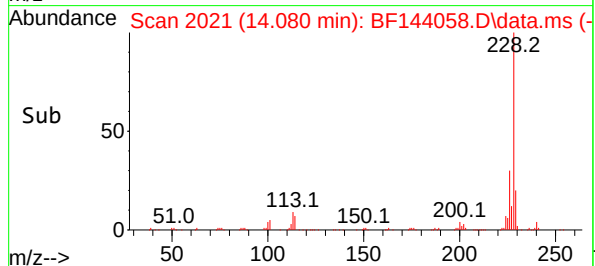
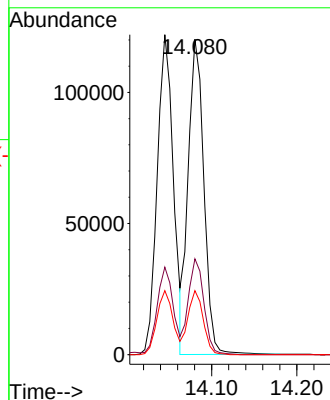
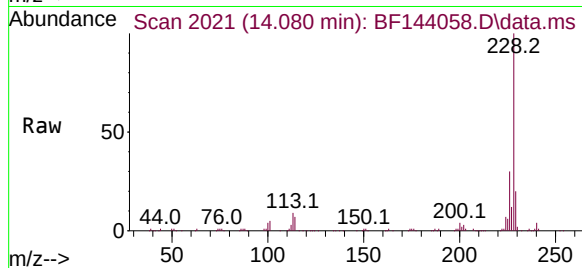
Tgt Ion:228 Resp: 153845

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 20.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.765 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

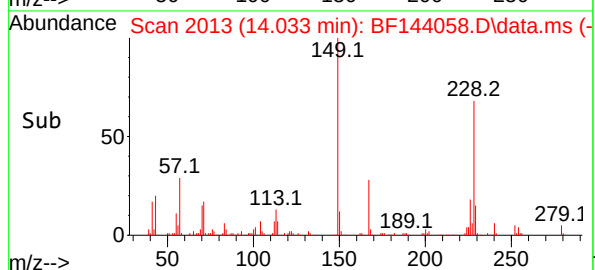
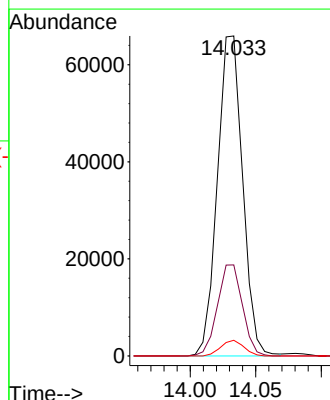
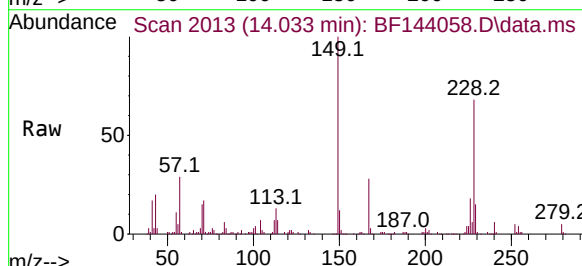
Tgt Ion:149 Resp: 88365

Ion Ratio Lower Upper

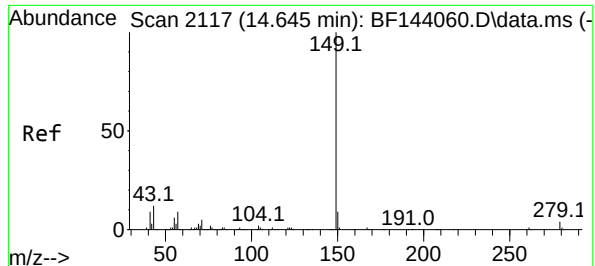
149 100

167 28.5 22.5 33.7

279 4.9 3.6 5.4



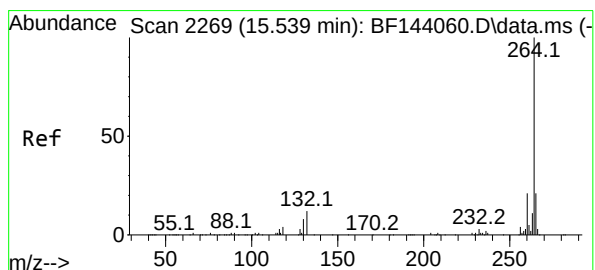
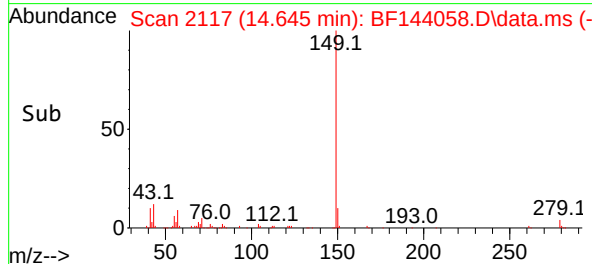
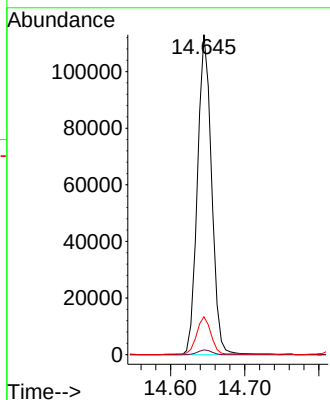
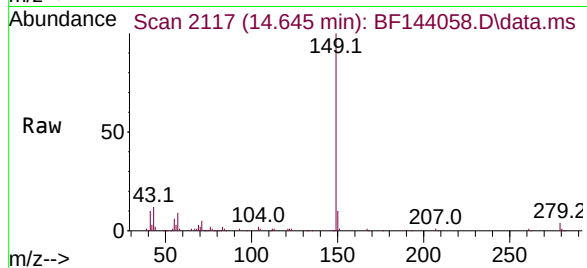




#85  
Di-n-octyl phthalate  
Concen: 9.616 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

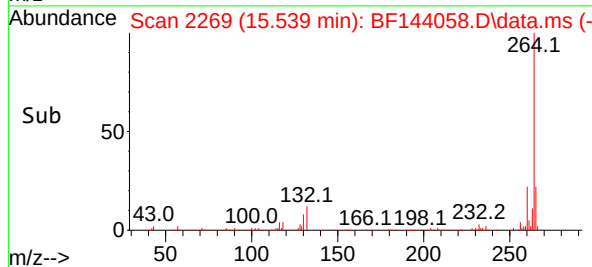
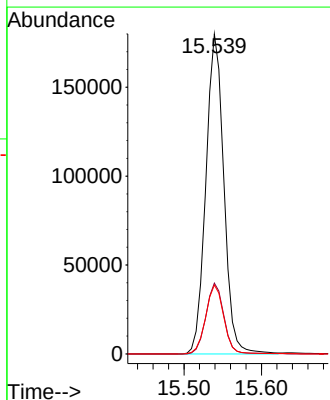
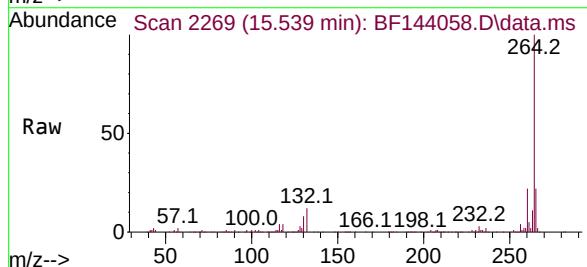
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

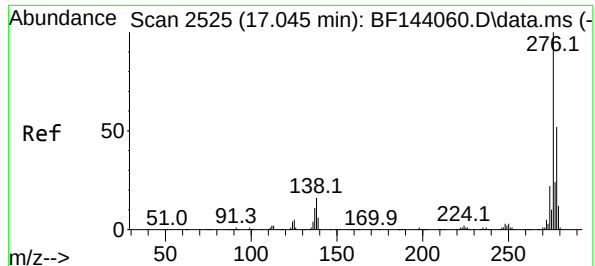
Tgt Ion:149 Resp: 149635  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.2 1.8  
43 12.8 9.3 13.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:264 Resp: 290045  
Ion Ratio Lower Upper  
264 100  
260 22.1 17.0 25.4  
265 21.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.695 ng

RT: 17.039 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

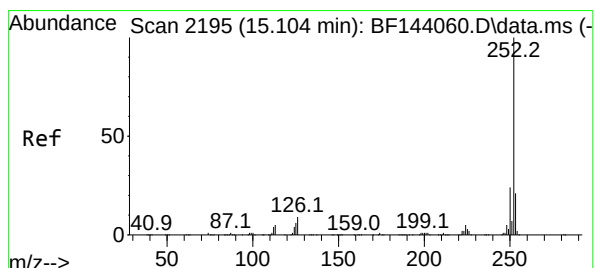
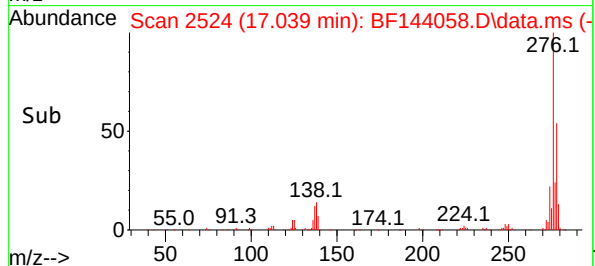
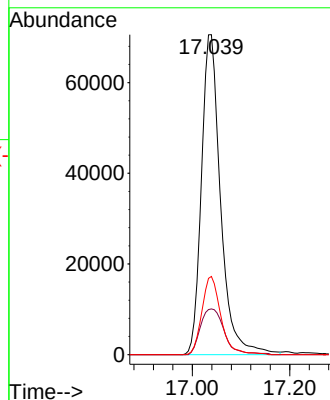
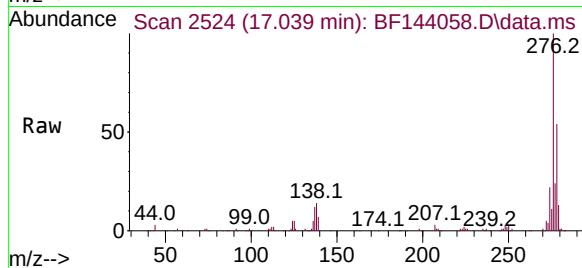
Tgt Ion:276 Resp: 193064

Ion Ratio Lower Upper

276 100

138 17.8 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 9.803 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

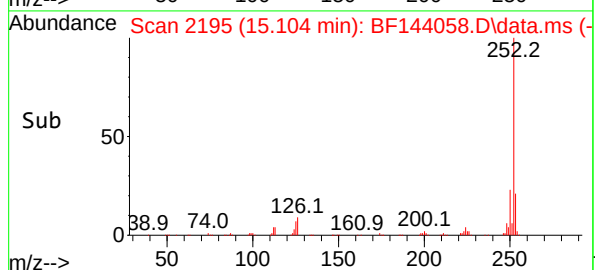
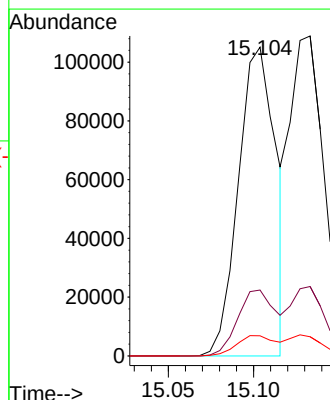
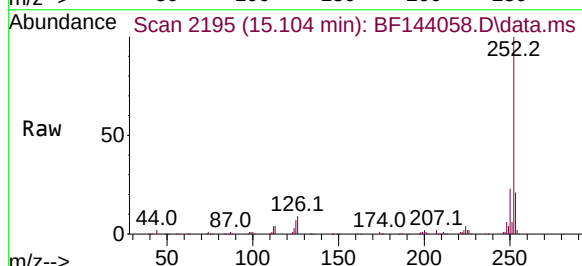
Tgt Ion:252 Resp: 160748

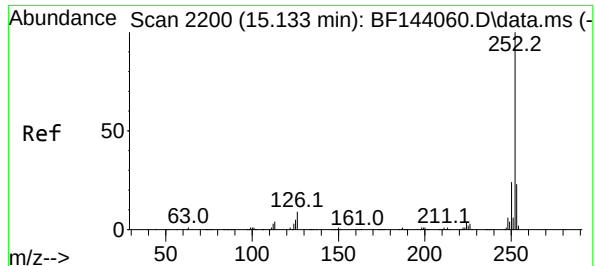
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 6.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 10.320 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

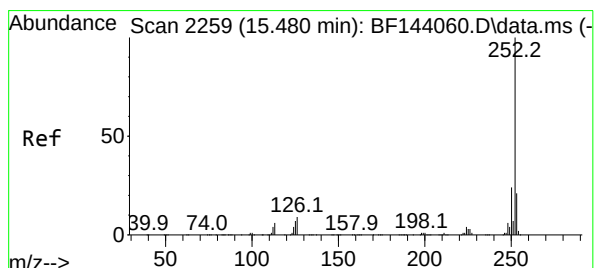
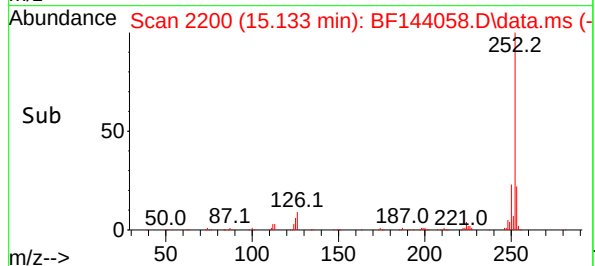
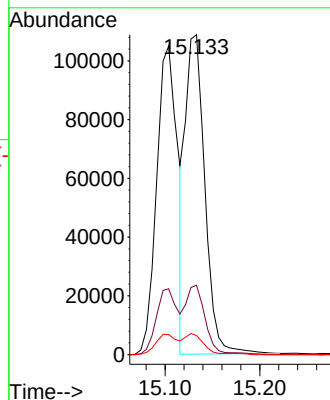
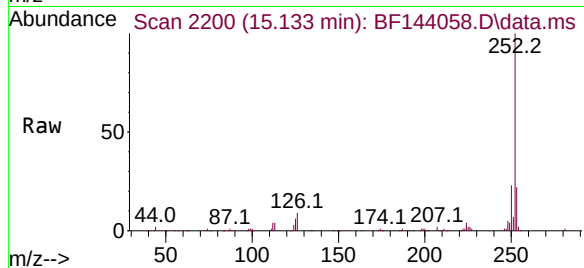
Tgt Ion:252 Resp: 156128

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 9.757 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

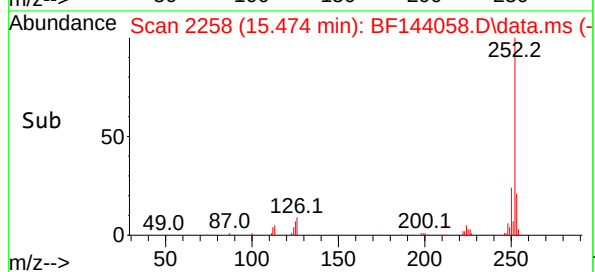
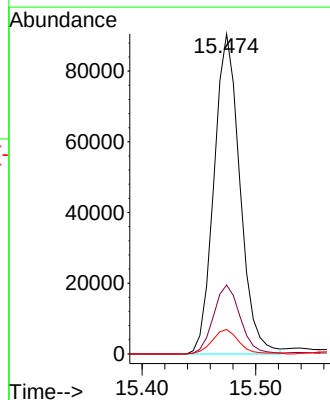
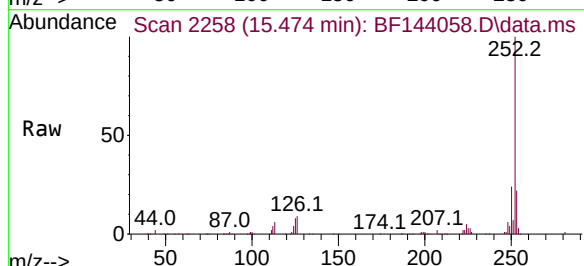
Tgt Ion:252 Resp: 143530

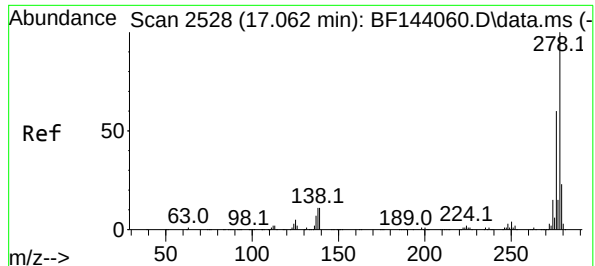
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 7.6 5.4 8.2

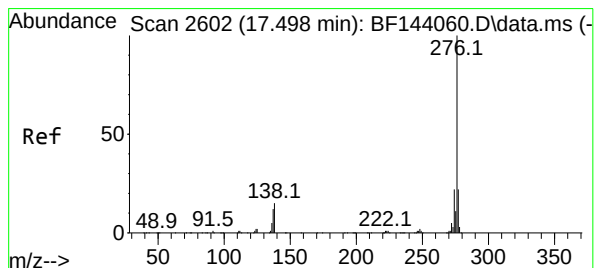
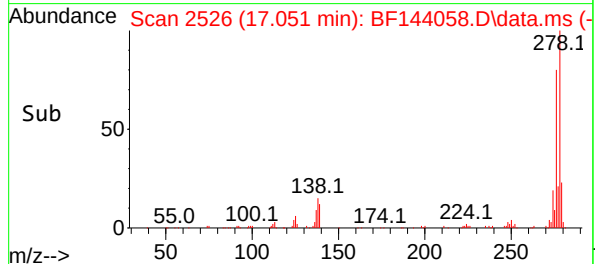
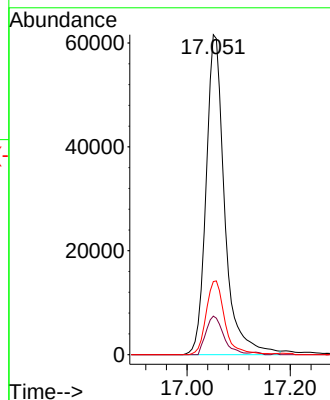
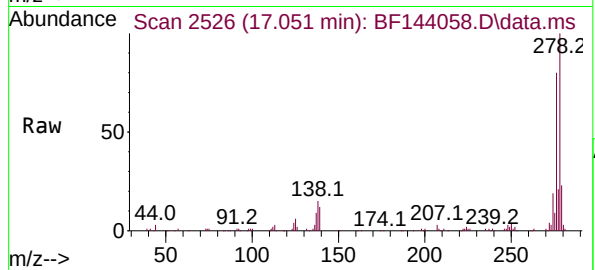




#91  
Dibenzo(a,h)anthracene  
Concen: 9.766 ng  
RT: 17.051 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

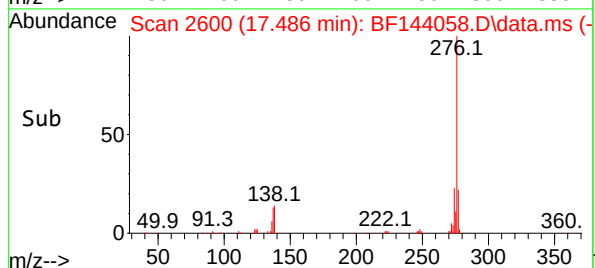
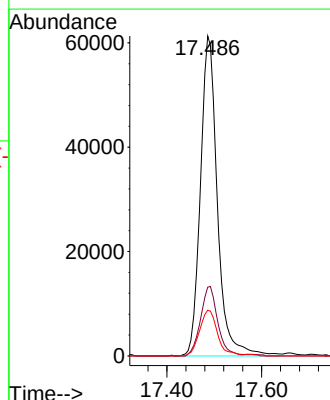
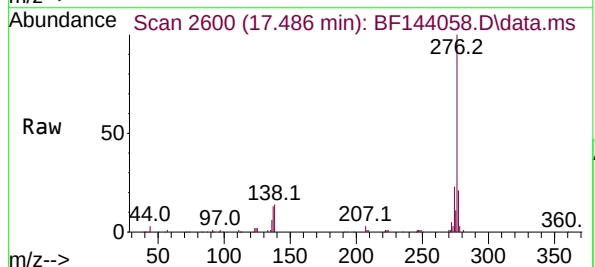
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:278 Resp: 153941  
Ion Ratio Lower Upper  
278 100  
139 12.0 8.5 12.7  
279 22.8 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 9.614 ng  
RT: 17.486 min Scan# 2600  
Delta R.T. -0.012 min  
Lab File: BF144058.D  
Acq: 24 Oct 2025 11:39

Tgt Ion:276 Resp: 152368  
Ion Ratio Lower Upper  
276 100  
277 21.5 17.9 26.9  
138 14.3 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144059.D  
 Acq On : 24 Oct 2025 12:36  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Oct 24 17:02:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 112429   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 417749   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 217706   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 369584   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 292368   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 364339   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 298616   | 42.021 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 332945   | 42.423 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 312746   | 41.016 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 111292   | 40.132 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 614559   | 39.724 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 655393   | 39.189 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 54561    | 17.768 | ng    | 96       |
| 3) Pyridine                   | 3.398  | 79   | 172002   | 20.922 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.351  | 42   | 108274   | 21.434 | ng    | 98       |
| 6) Aniline                    | 6.545  | 93   | 236820   | 21.092 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 146877   | 20.988 | ng    | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 108472   | 17.802 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 204649   | 21.136 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 144490   | 20.652 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 184376   | 21.358 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 178962   | 21.035 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 172463   | 20.951 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 138784   | 21.748 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 281645   | 21.419 | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 115994   | 21.550 | ng    | 94       |
| 18) Hexachloroethane          | 7.392  | 117  | 63937    | 21.020 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 106671   | 21.019 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 133833   | 21.033 | ng    | 95       |
| 22) Acetophenone              | 7.286  | 105  | 181010   | 20.050 | ng    | 97       |
| 24) Nitrobenzene              | 7.463  | 77   | 168641   | 20.907 | ng    | 99       |
| 25) Isophorone                | 7.698  | 82   | 269356   | 20.206 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 81754    | 21.306 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 109494   | 19.202 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 172327   | 20.729 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 135856   | 20.487 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 139458   | 20.442 | ng    | 99       |
| 31) Naphthalene               | 8.186  | 128  | 401788   | 20.378 | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 83503    | 23.086 | ng    | 87       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 145706   | 21.228 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 114614   | 20.546 | ng    | 98       |
| 35) Caprolactam               | 8.598  | 113  | 34241    | 20.591 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 119127   | 20.357 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 263628   | 20.280 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 246748   | 20.035 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 150836   | 20.160 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 45275    | 19.591 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 104484   | 21.484 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144059.D  
 Acq On : 24 Oct 2025 12:36  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Oct 24 17:02:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

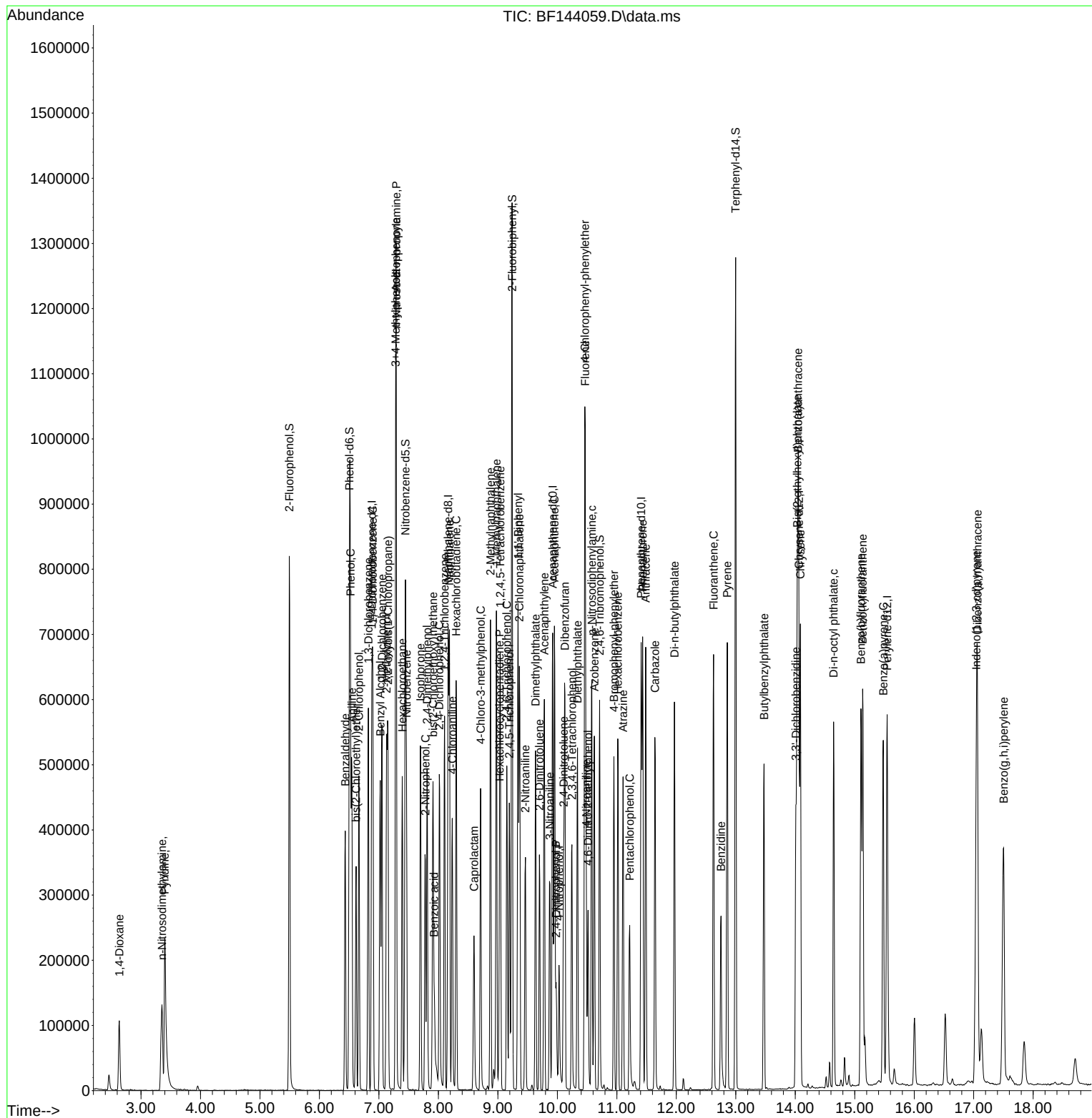
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 105424   | 20.655 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 313680   | 20.128 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 268452   | 20.561 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 80171    | 20.678 | ng    | 97       |
| 49) Acenaphthylene            | 9.780  | 152  | 362218   | 20.575 | ng    | 99       |
| 50) Dimethylphthalate         | 9.633  | 163  | 290025   | 20.324 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 59905    | 21.235 | ng    | 100      |
| 52) Acenaphthene              | 9.951  | 154  | 246935   | 21.003 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 63852    | 20.358 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 35229    | 23.089 | ng    | 94       |
| 55) Dibenzofuran              | 10.127 | 168  | 329079   | 20.162 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.027 | 139  | 43333    | 20.402 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 80566    | 21.160 | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 246753   | 19.841 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 72554    | 20.172 | ng    | # 96     |
| 60) Diethylphthalate          | 10.339 | 149  | 270864   | 20.184 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 142719   | 20.406 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 59903    | 20.157 | ng    | 95       |
| 63) Azobenzene                | 10.622 | 77   | 258435   | 20.346 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 55850    | 23.553 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 242811   | 20.563 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 91405    | 19.753 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 114304   | 20.141 | ng    | 96       |
| 69) Atrazine                  | 11.104 | 200  | 80666    | 20.818 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 55240    | 20.449 | ng    | 95       |
| 71) Phenanthrene              | 11.433 | 178  | 372967   | 20.315 | ng    | 97       |
| 72) Anthracene                | 11.486 | 178  | 380455   | 20.060 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 326491   | 20.225 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 412471   | 20.841 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 414382   | 20.430 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 179581   | 19.736 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 416839   | 19.831 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 165613   | 20.827 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 397414   | 20.114 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 141681   | 20.599 | ng    | 98       |
| 83) Chrysene                  | 14.086 | 228  | 366241   | 19.753 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 222446   | 20.491 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 378673   | 20.284 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 507947   | 20.307 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 420103   | 20.396 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 368139   | 19.372 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 377387   | 20.423 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 403214   | 20.364 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.503 | 276  | 409358   | 20.563 | ng    | 99       |

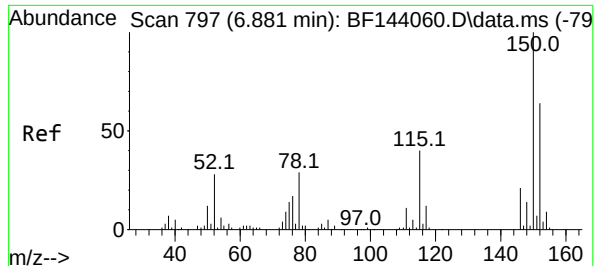
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Acq On    : 24 Oct 2025 12:36  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC020

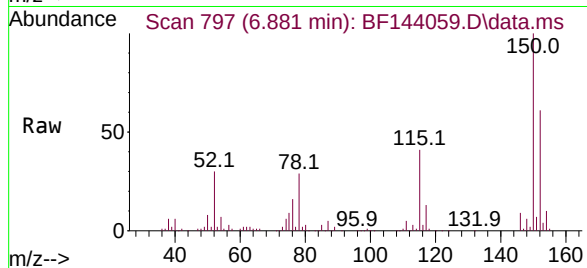
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Response via : Initial Calibration



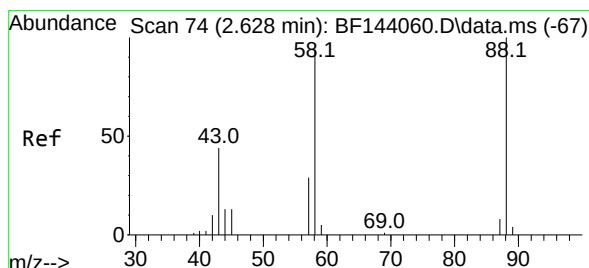
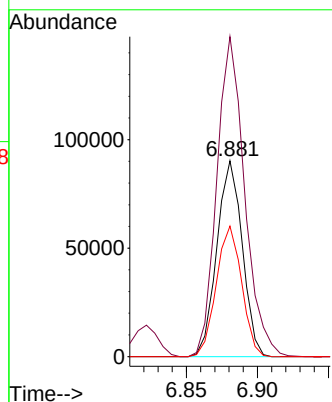
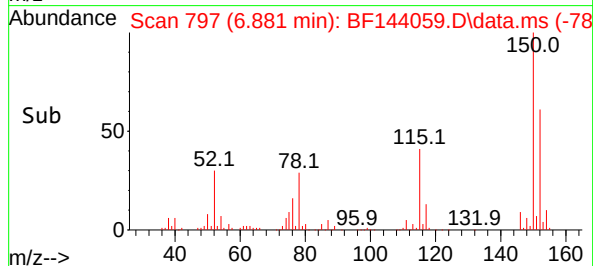


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

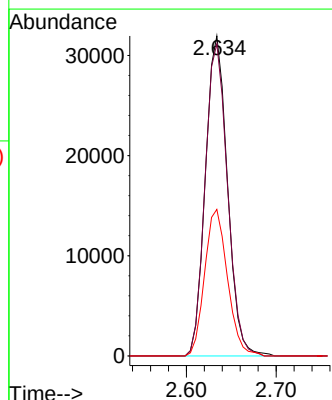
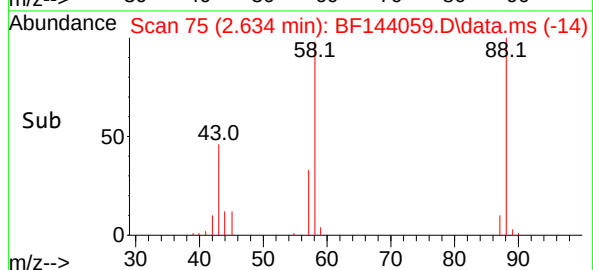
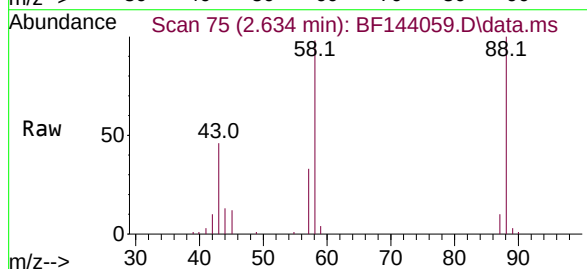


Tgt Ion:152 Resp: 112429  
Ion Ratio Lower Upper  
152 100  
150 163.4 124.4 186.6  
115 66.6 49.4 74.0

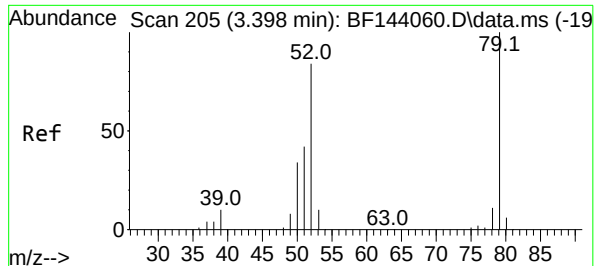


#2  
1,4-Dioxane  
Concen: 17.768 ng  
RT: 2.634 min Scan# 75  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 88 Resp: 54561  
Ion Ratio Lower Upper  
88 100  
58 98.8 76.5 114.7  
43 47.5 35.3 52.9



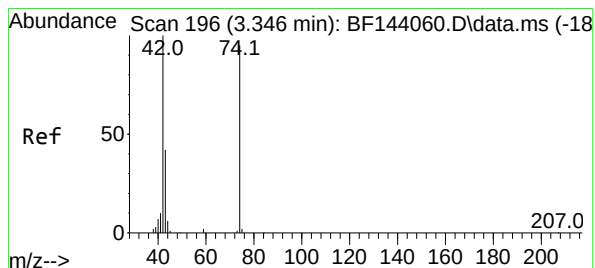
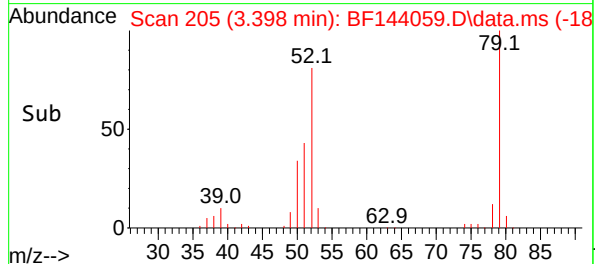
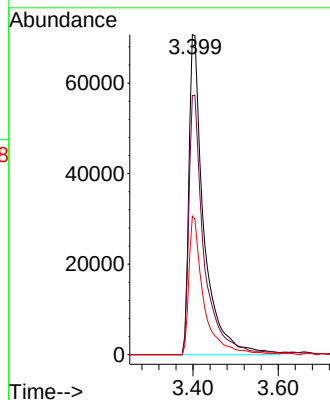
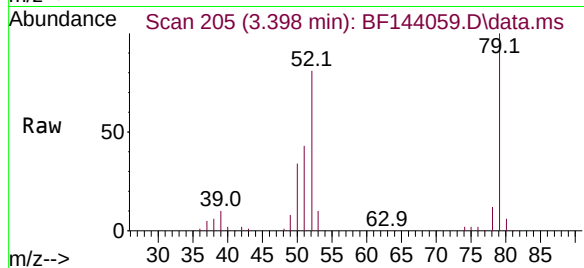




#3  
Pyridine  
Concen: 20.922 ng  
RT: 3.398 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

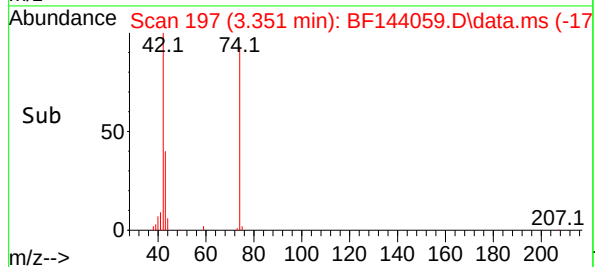
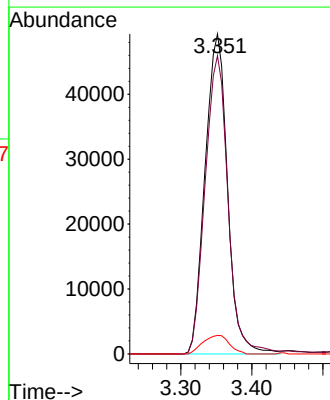
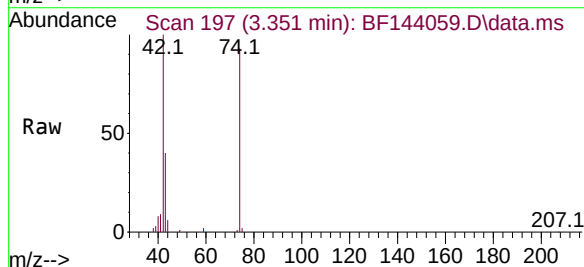
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SSTDICC020

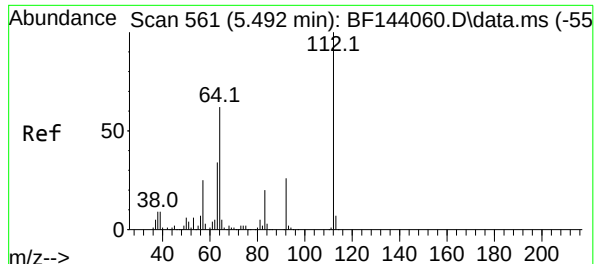
Tgt Ion: 79 Resp: 172002  
Ion Ratio Lower Upper  
79 100  
52 80.9 67.5 101.3  
51 43.3 33.6 50.4



#4  
n-Nitrosodimethylamine  
Concen: 21.434 ng  
RT: 3.351 min Scan# 197  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 42 Resp: 108274  
Ion Ratio Lower Upper  
42 100  
74 93.2 76.4 114.6  
44 5.8 5.2 7.8

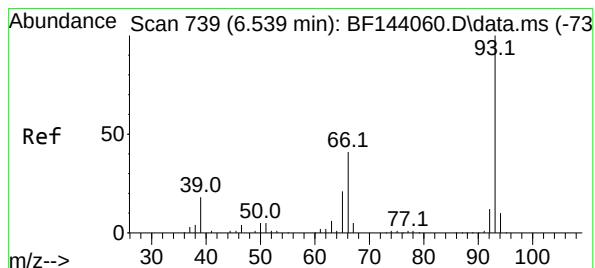
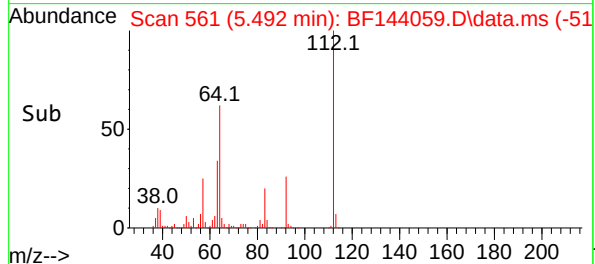
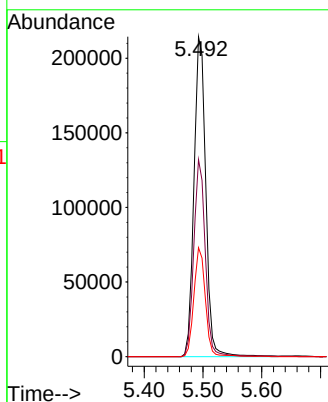
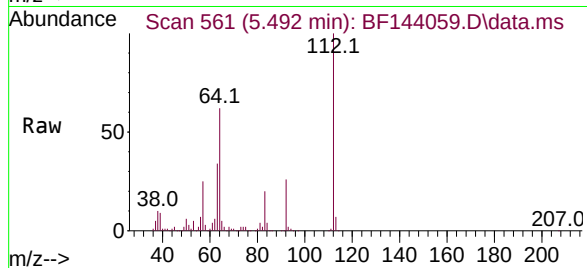




#5  
2-Fluorophenol  
Concen: 42.021 ng  
RT: 5.492 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

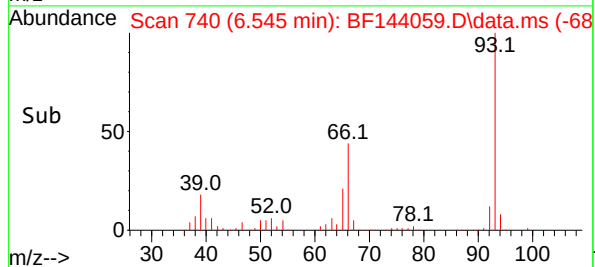
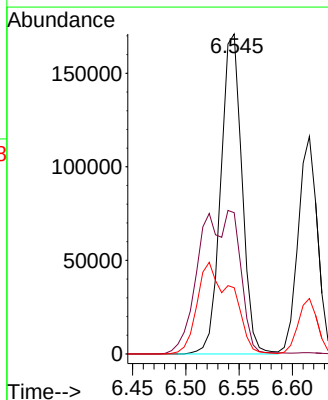
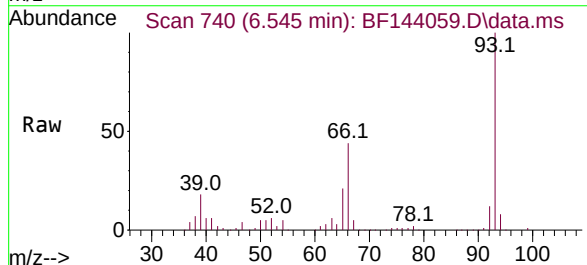
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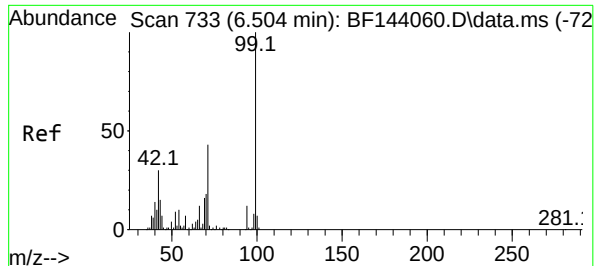
Tgt Ion:112 Resp: 298616  
Ion Ratio Lower Upper  
112 100  
64 61.6 49.8 74.8  
63 34.0 27.4 41.2



#6  
Aniline  
Concen: 21.092 ng  
RT: 6.545 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 93 Resp: 236820  
Ion Ratio Lower Upper  
93 100  
66 44.1 35.7 53.5  
65 20.7 17.0 25.6

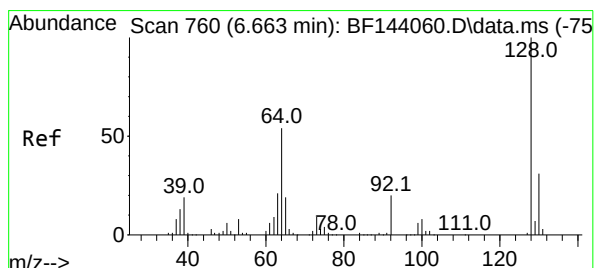
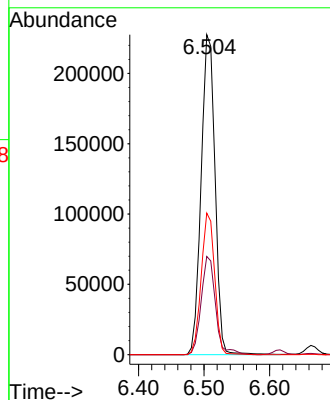
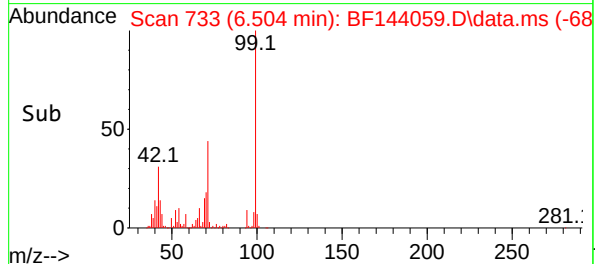
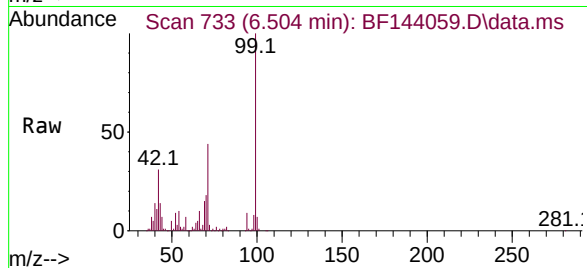




#7  
Phenol-d6  
Concen: 42.423 ng  
RT: 6.504 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

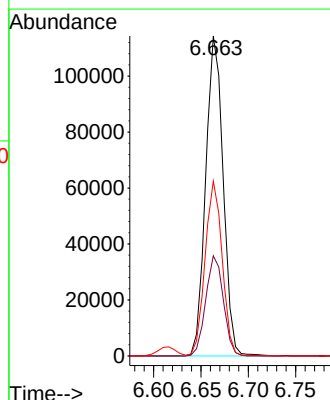
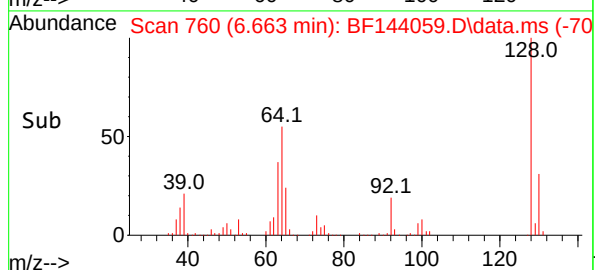
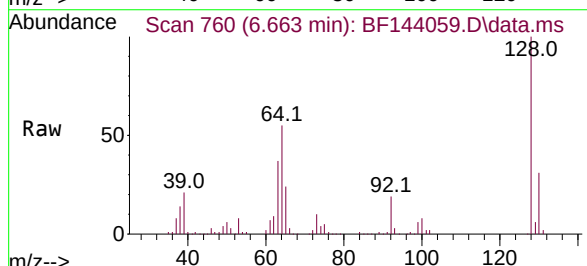
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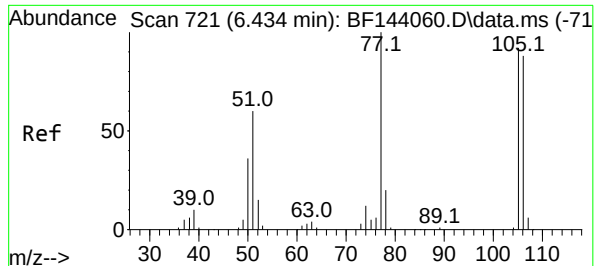
Tgt Ion: 99 Resp: 332945  
Ion Ratio Lower Upper  
99 100  
42 30.7 23.9 35.9  
71 44.2 34.4 51.6



#8  
2-Chlorophenol  
Concen: 20.988 ng  
RT: 6.663 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 128 Resp: 146877  
Ion Ratio Lower Upper  
128 100  
130 31.3 10.7 50.7  
64 54.6 34.7 74.7





#9

Benzaldehyde

Concen: 17.802 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

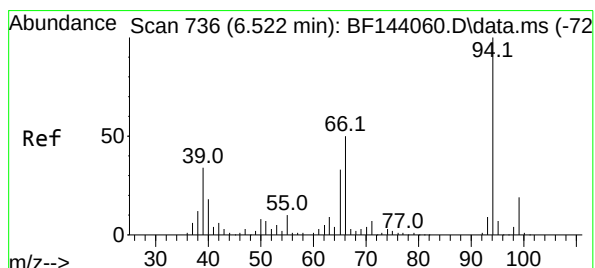
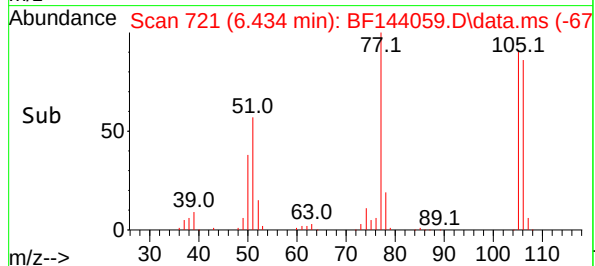
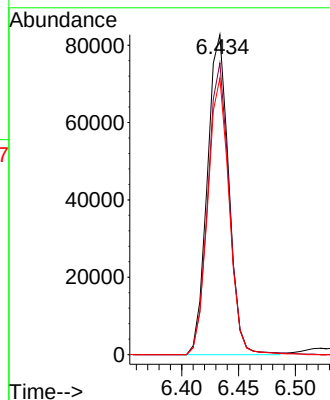
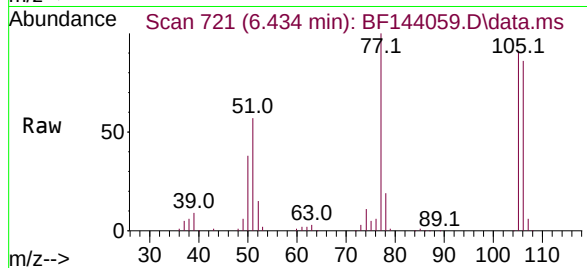
Tgt Ion: 77 Resp: 108472

Ion Ratio Lower Upper

77 100

105 91.1 72.2 112.2

106 86.4 67.9 107.9



#10

Phenol

Concen: 21.136 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

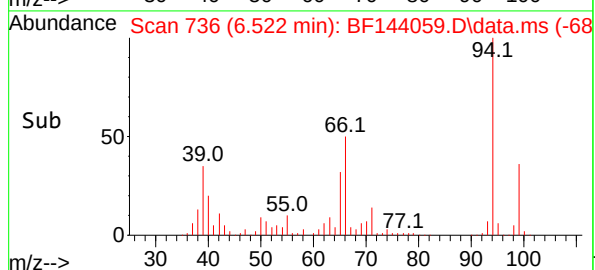
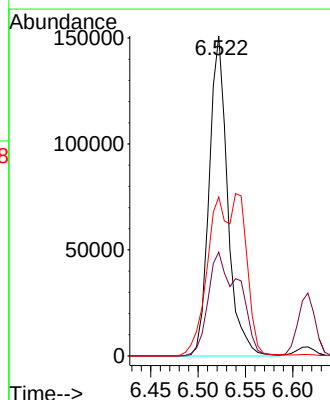
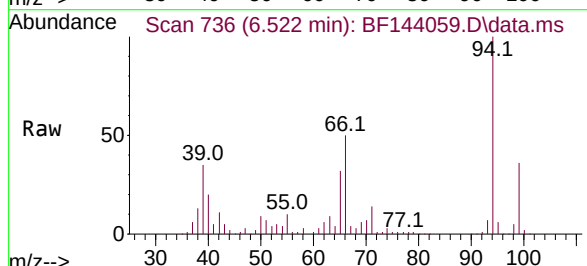
Tgt Ion: 94 Resp: 204649

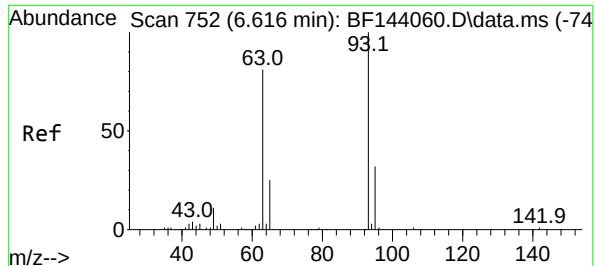
Ion Ratio Lower Upper

94 100

65 32.4 13.1 53.1

66 49.7 30.6 70.6

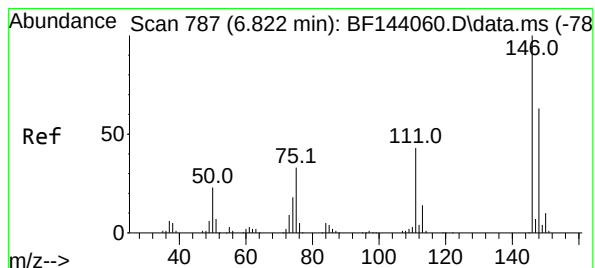
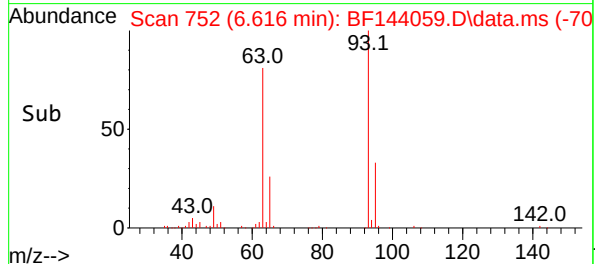
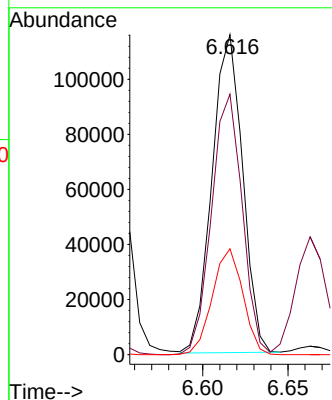
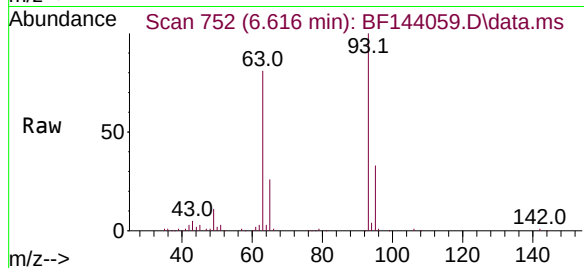




#11  
bis(2-Chloroethyl)ether  
Concen: 20.652 ng  
RT: 6.616 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

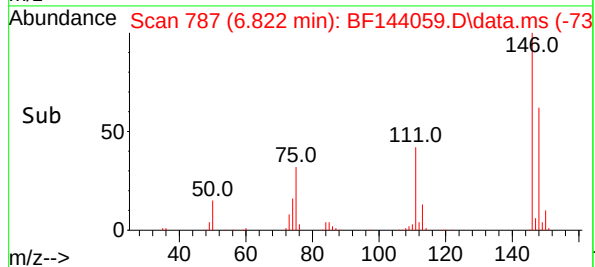
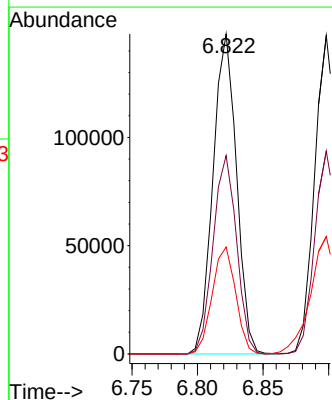
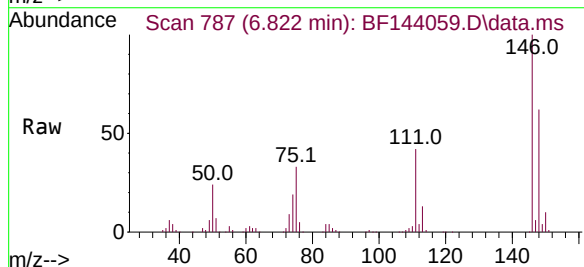
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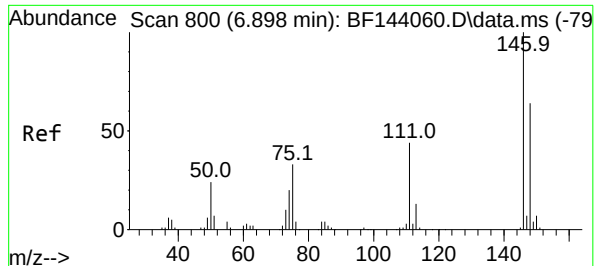
Tgt Ion: 93 Resp: 144490  
Ion Ratio Lower Upper  
93 100  
63 81.4 60.2 100.2  
95 33.1 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 21.358 ng  
RT: 6.822 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 146 Resp: 184376  
Ion Ratio Lower Upper  
146 100  
148 62.0 50.6 75.8  
75 33.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 21.035 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

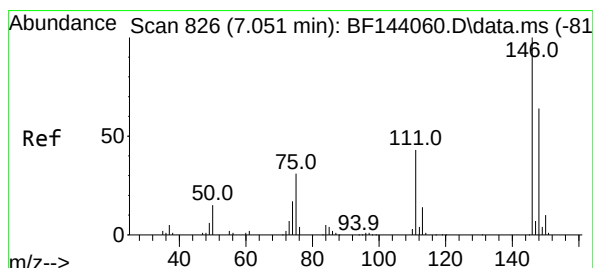
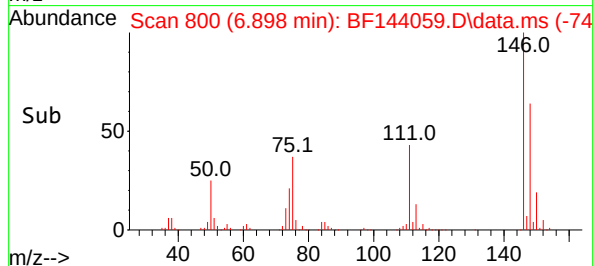
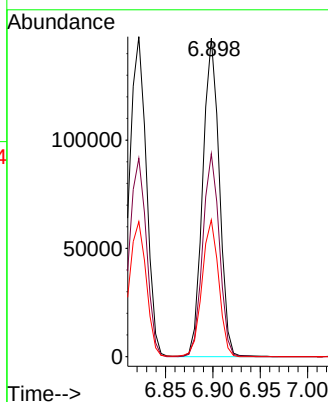
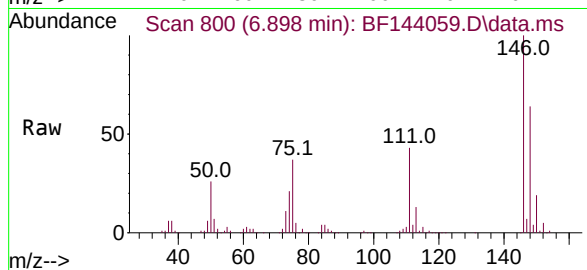
Tgt Ion:146 Resp: 178962

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 42.9 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 20.951 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

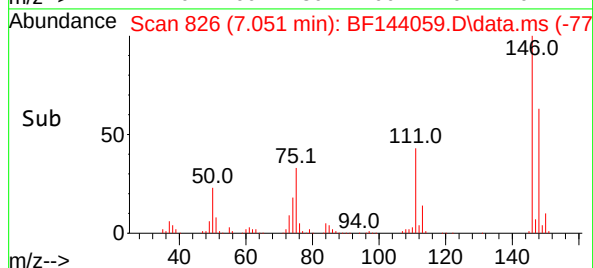
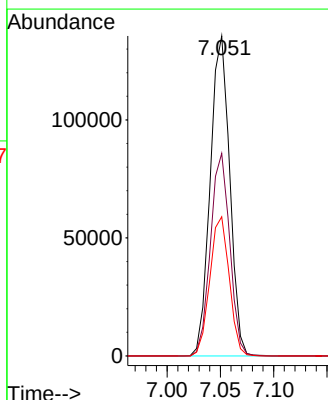
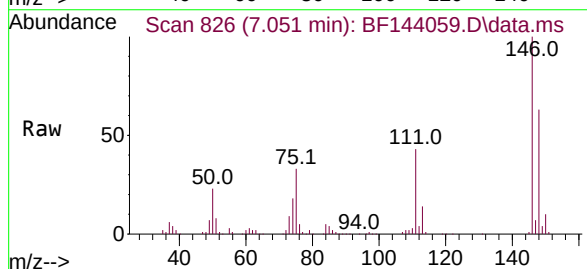
Tgt Ion:146 Resp: 172463

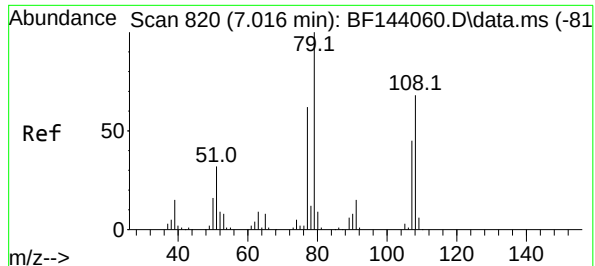
Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

111 43.5 34.7 52.1

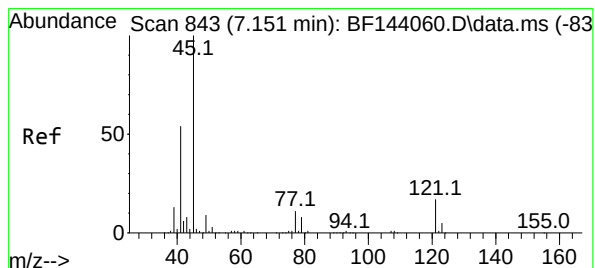
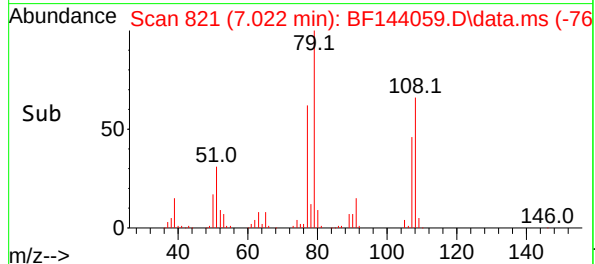
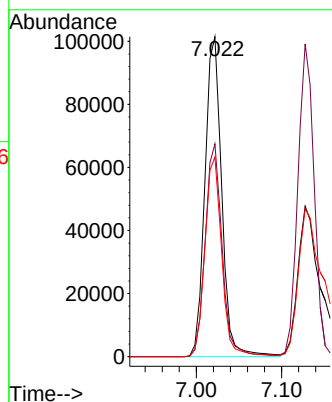
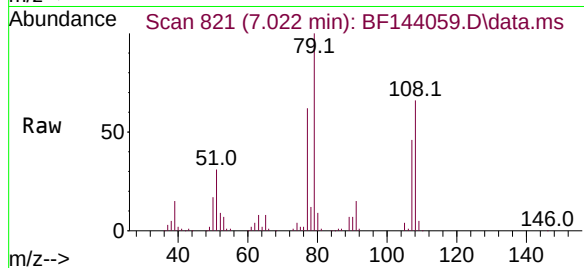




#15  
Benzyl Alcohol  
Concen: 21.748 ng  
RT: 7.022 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

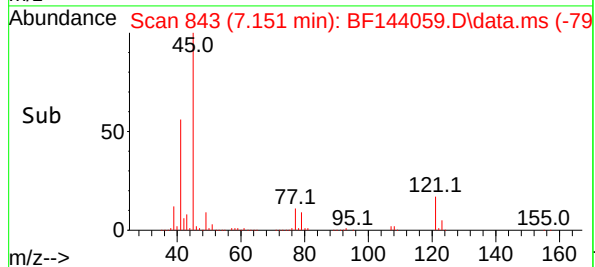
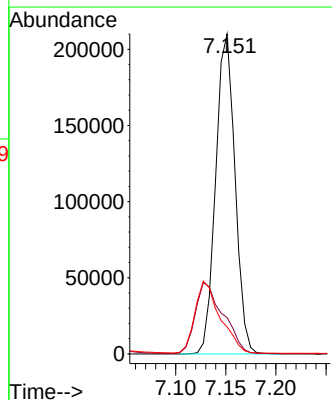
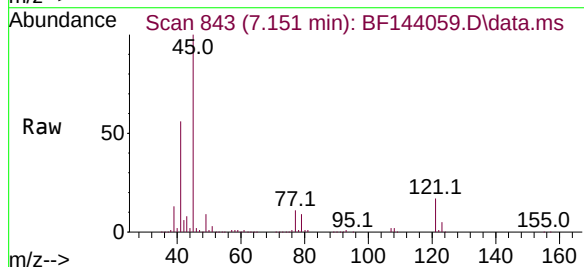
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

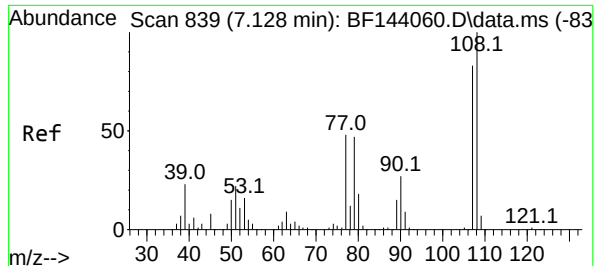
Tgt Ion: 79 Resp: 138784  
Ion Ratio Lower Upper  
79 100  
108 66.5 54.8 82.2  
77 62.4 49.4 74.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.419 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 45 Resp: 281645  
Ion Ratio Lower Upper  
45 100  
77 11.4 0.0 30.9  
79 8.5 0.0 28.2

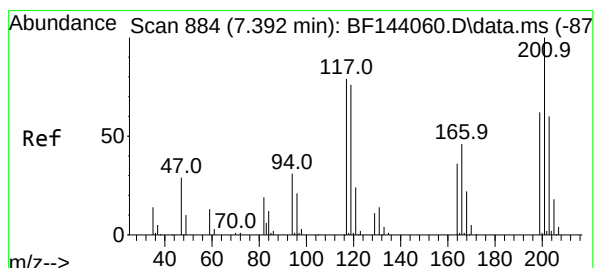
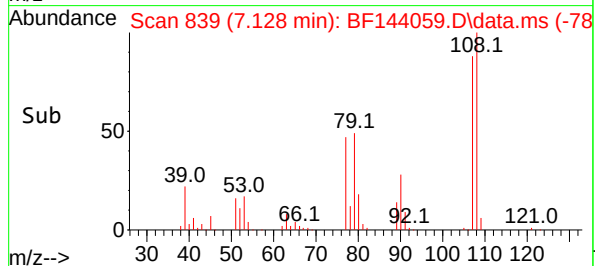
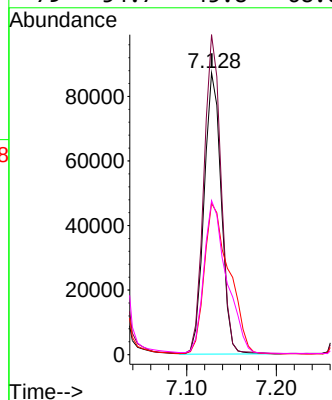
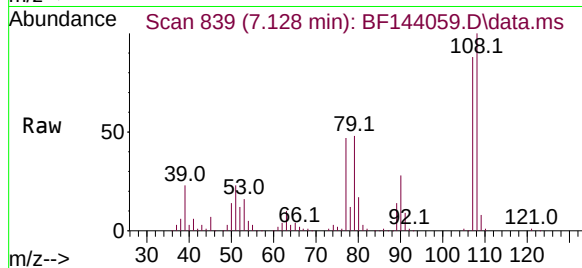




#17  
2-Methylphenol  
Concen: 21.550 ng  
RT: 7.128 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

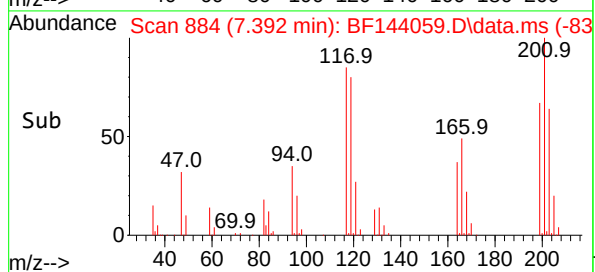
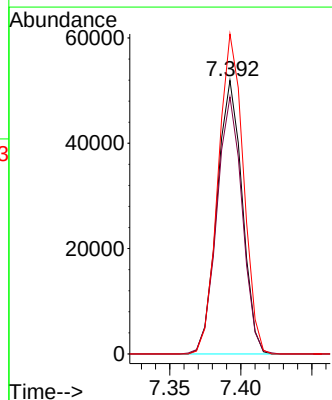
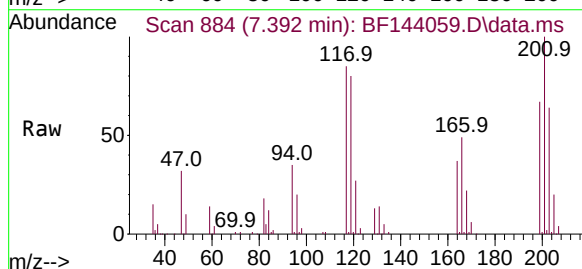
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 115994 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.6 | 96.4  | 144.6  |
| 77       | 53.7  | 46.8  | 70.2   |
| 79       | 54.7  | 45.8  | 68.6   |

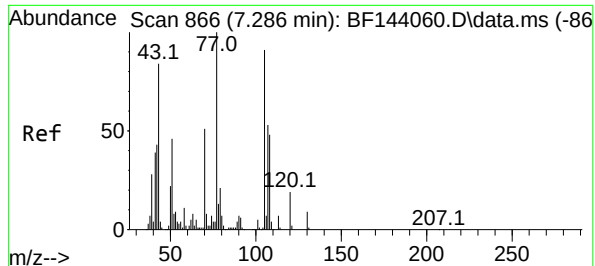


#18  
Hexachloroethane  
Concen: 21.020 ng  
RT: 7.392 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 63937 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.0  | 76.6  | 115.0 |
| 201      | 117.0 | 100.9 | 151.3 |







#19

n-Nitroso-di-n-propylamine

Concen: 21.019 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 106671

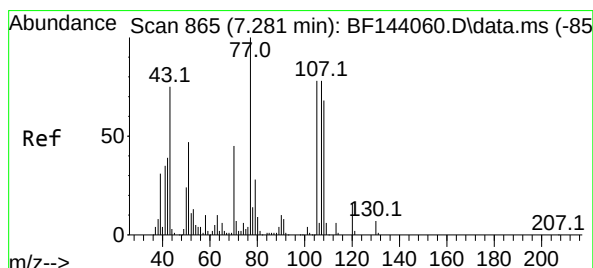
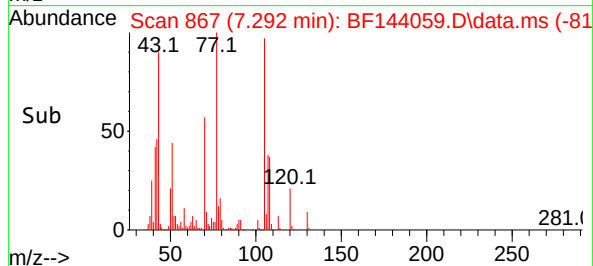
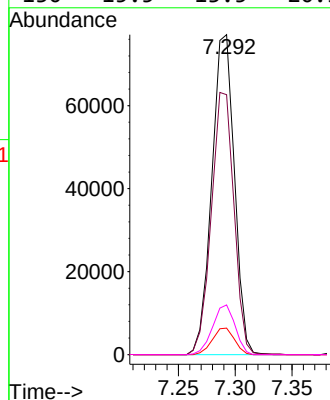
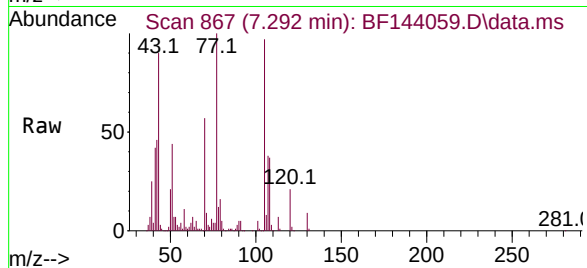
Ion Ratio Lower Upper

70 100

42 81.2 67.4 101.0

101 8.3 7.1 10.7

130 15.5 13.5 20.3



#20

3+4-Methylphenols

Concen: 21.033 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion: 107 Resp: 133833

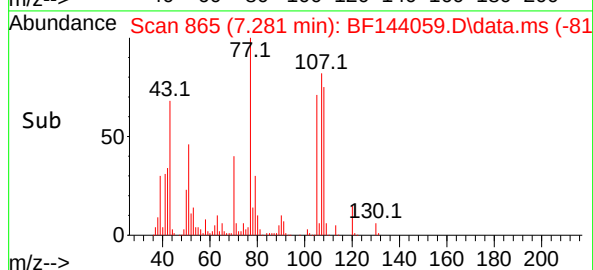
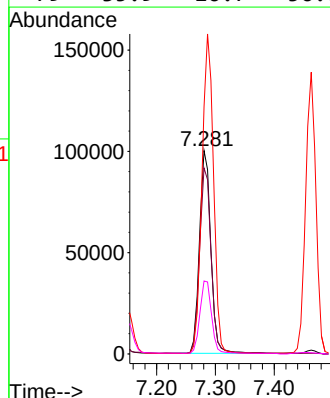
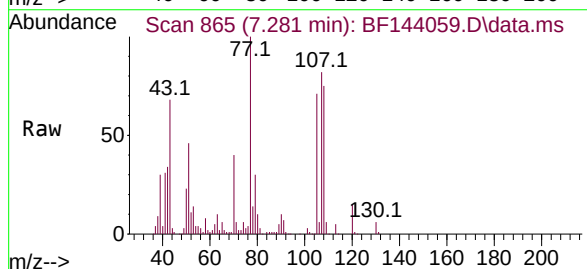
Ion Ratio Lower Upper

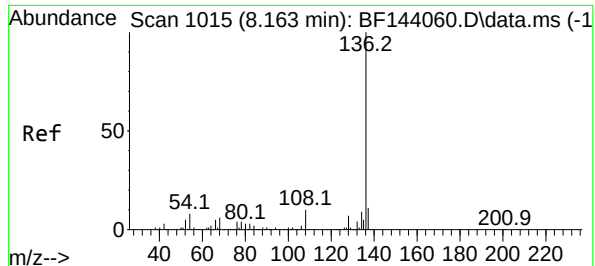
107 100

108 91.4 68.0 108.0

77 121.6 108.7 148.7

79 35.9 16.7 56.7

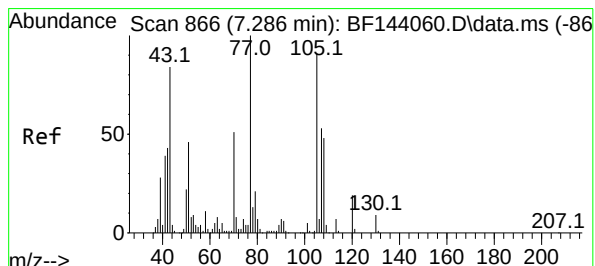
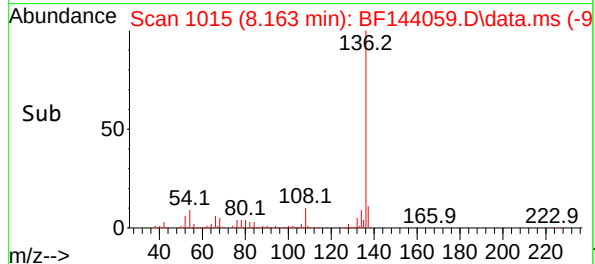
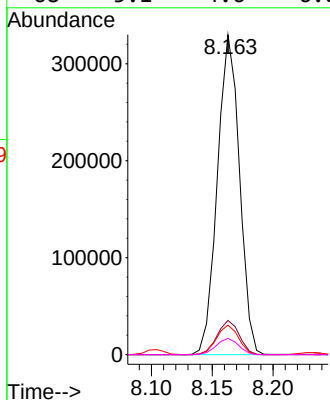
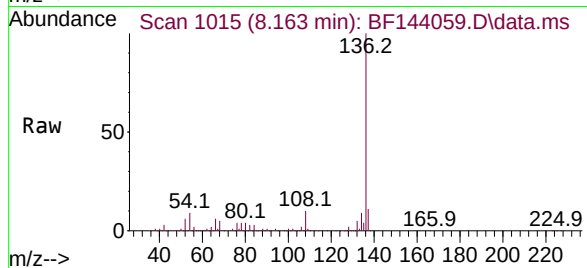




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

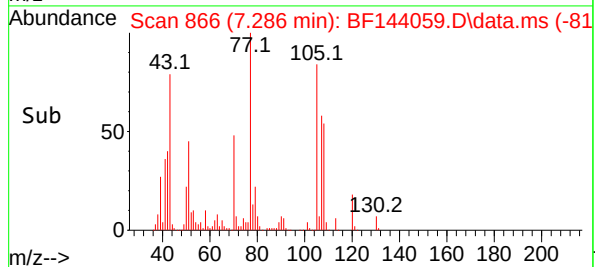
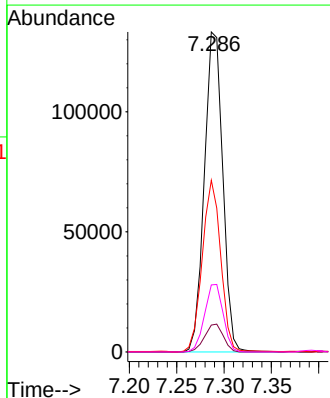
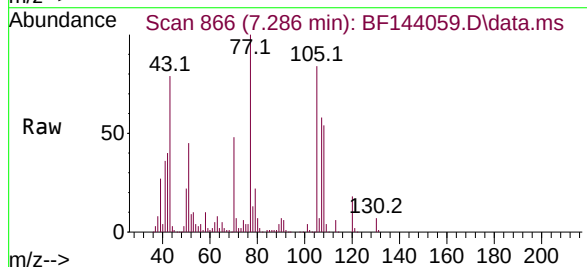
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

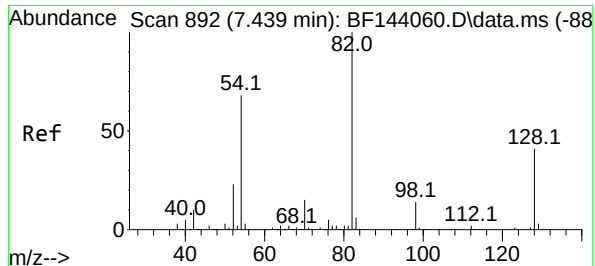
Tgt Ion:136 Resp: 417749  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 9.2 6.6 9.8  
68 5.1 4.6 6.8



#22  
Acetophenone  
Concen: 20.050 ng  
RT: 7.286 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:105 Resp: 181010  
Ion Ratio Lower Upper  
105 100  
71 8.4 6.9 10.3  
51 53.6 40.6 60.8  
120 20.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 41.016 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

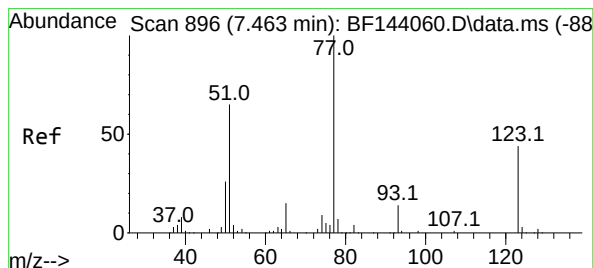
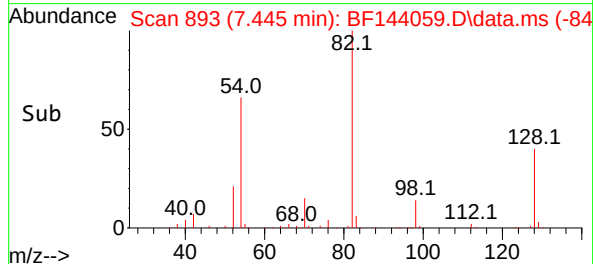
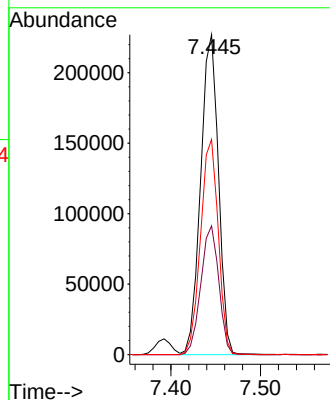
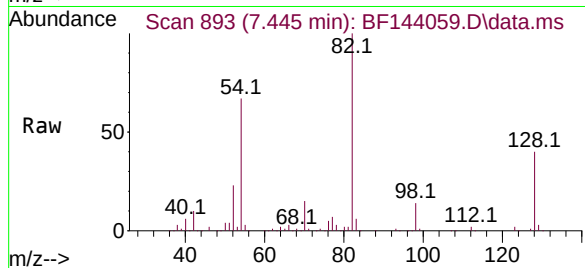
Tgt Ion: 82 Resp: 312746

Ion Ratio Lower Upper

82 100

128 40.2 32.4 48.6

54 67.2 54.0 81.0



#24

Nitrobenzene

Concen: 20.907 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

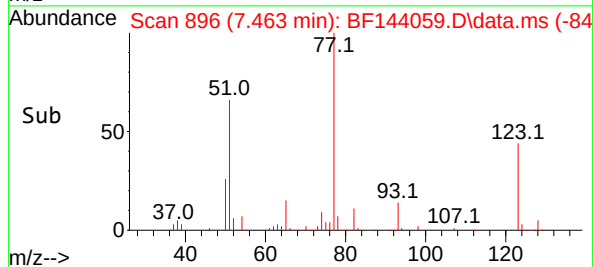
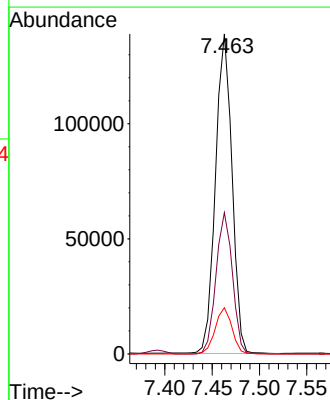
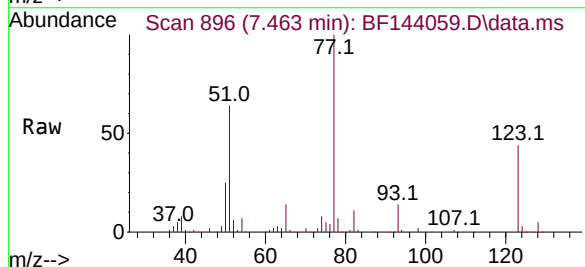
Tgt Ion: 77 Resp: 168641

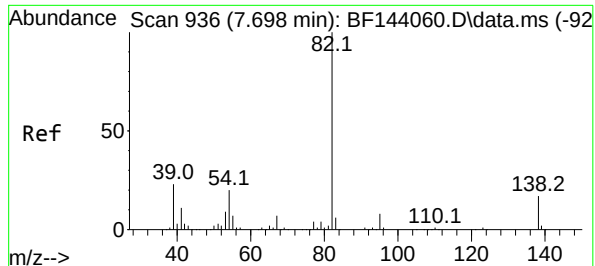
Ion Ratio Lower Upper

77 100

123 44.1 35.0 52.6

65 14.4 12.2 18.2

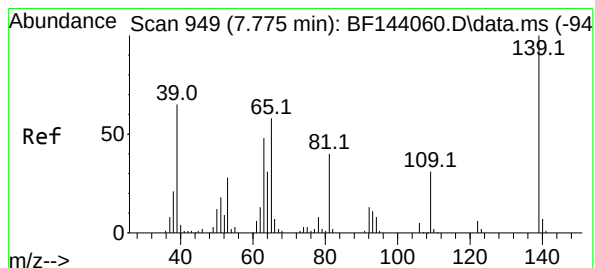
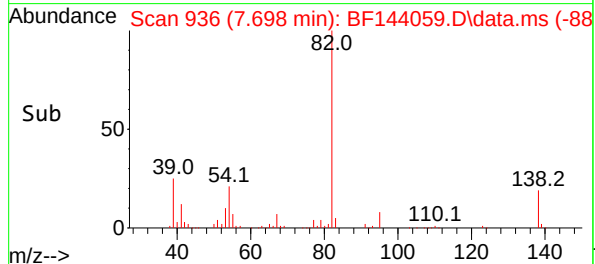
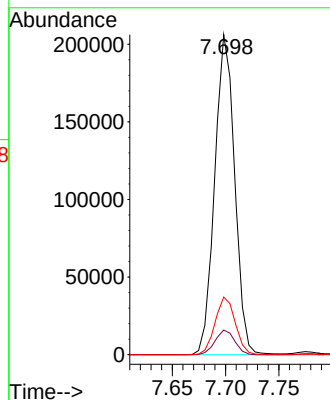
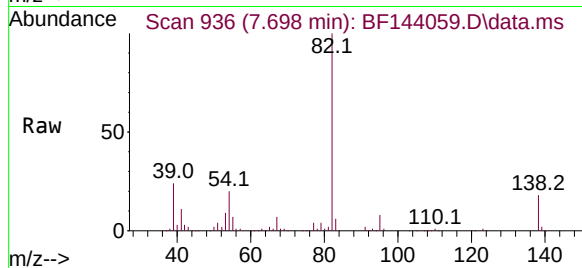




#25  
Isophorone  
Concen: 20.206 ng  
RT: 7.698 min Scan# 936  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

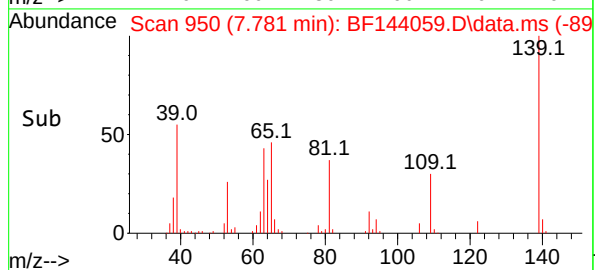
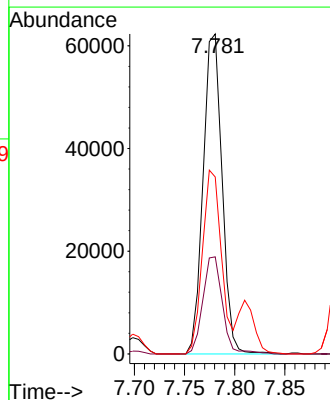
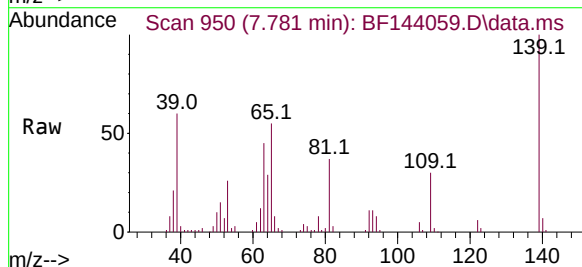
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

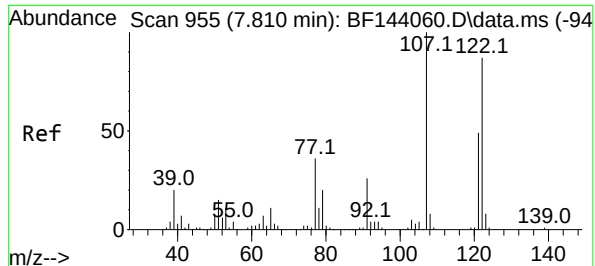
| Tgt Ion:  | 82    | Resp: | 269356 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.7   | 6.6   | 9.8    |
| 138       | 18.0  | 13.8  | 20.8   |



#26  
2-Nitrophenol  
Concen: 21.306 ng  
RT: 7.781 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

| Tgt Ion:  | 139   | Resp: | 81754 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 30.3  | 24.6  | 37.0  |
| 65        | 55.3  | 46.6  | 69.8  |





#27

2,4-Dimethylphenol

Concen: 19.202 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

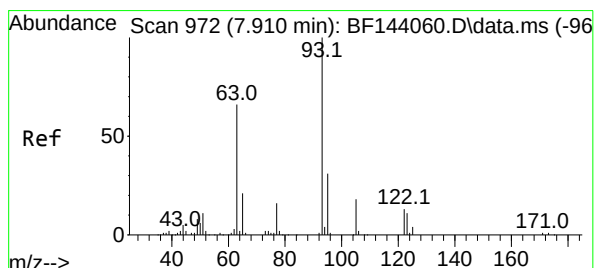
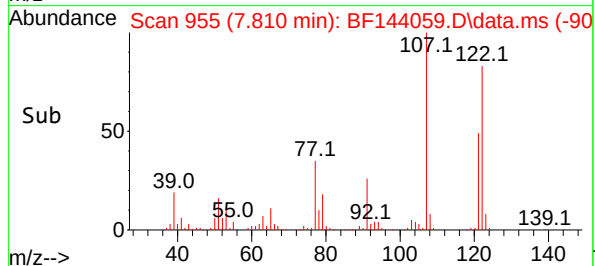
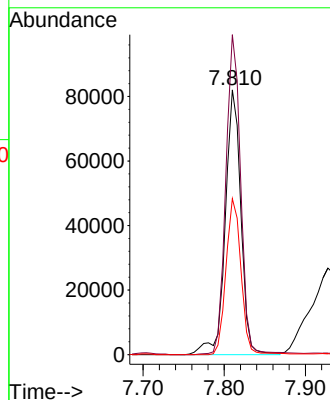
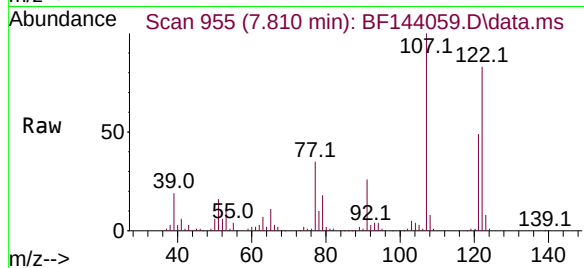
Tgt Ion:122 Resp: 109494

Ion Ratio Lower Upper

122 100

107 120.9 91.8 137.8

121 58.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.729 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

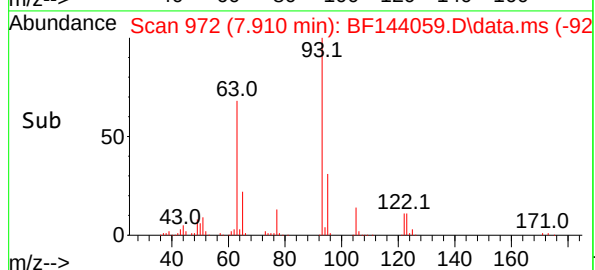
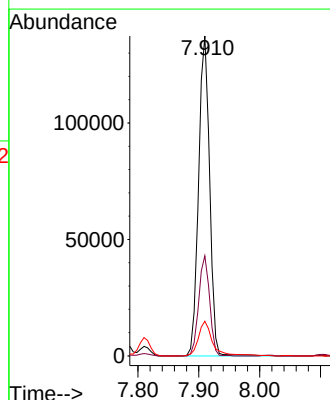
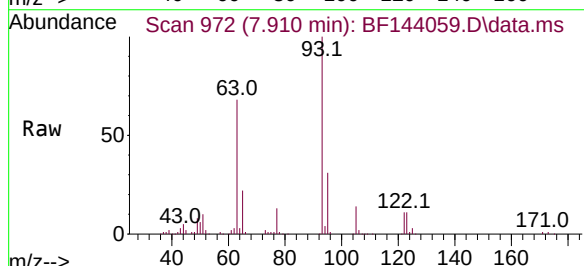
Tgt Ion: 93 Resp: 172327

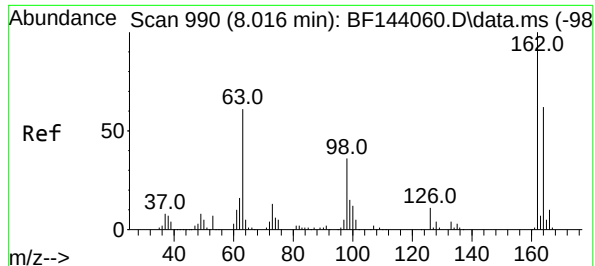
Ion Ratio Lower Upper

93 100

95 31.3 24.6 36.8

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 20.487 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

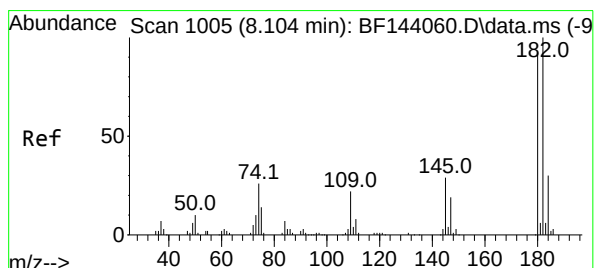
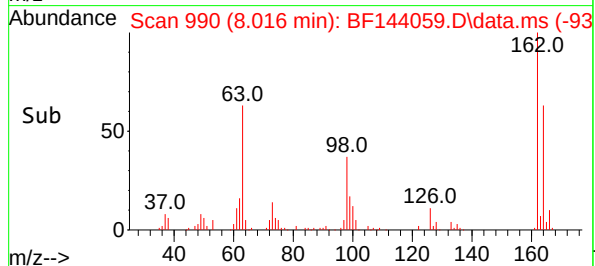
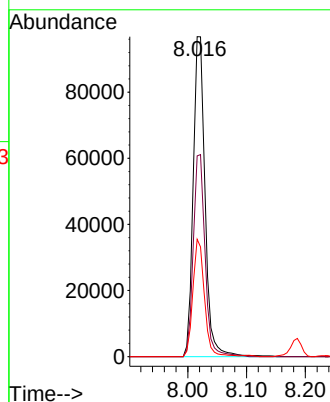
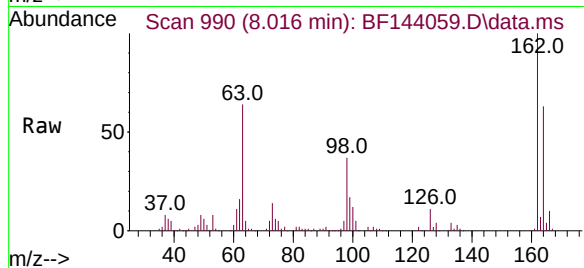
Tgt Ion:162 Resp: 135856

Ion Ratio Lower Upper

162 100

164 62.7 42.1 82.1

98 36.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 20.442 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

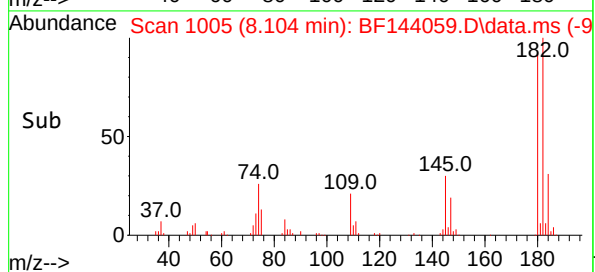
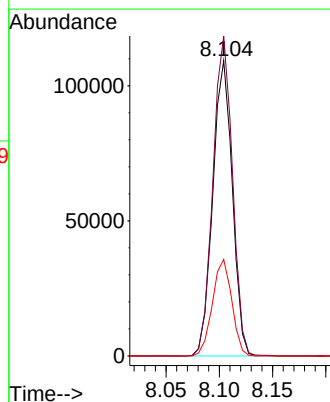
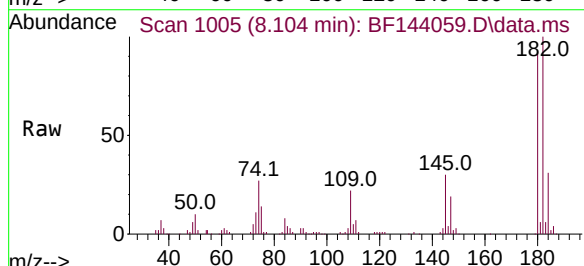
Tgt Ion:180 Resp: 139458

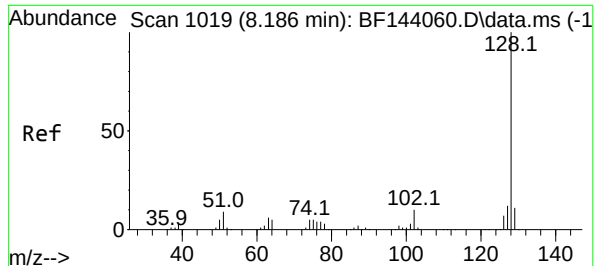
Ion Ratio Lower Upper

180 100

182 108.4 87.1 130.7

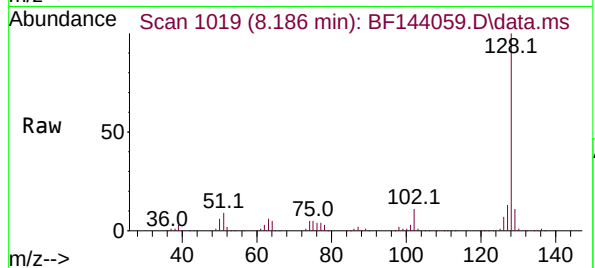
145 32.7 25.3 37.9



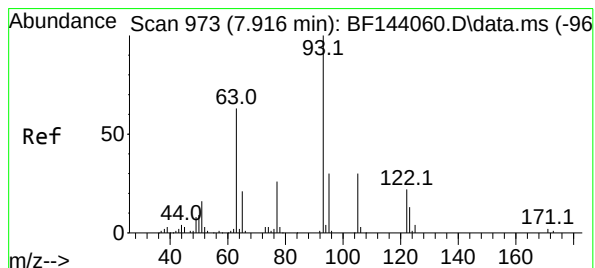
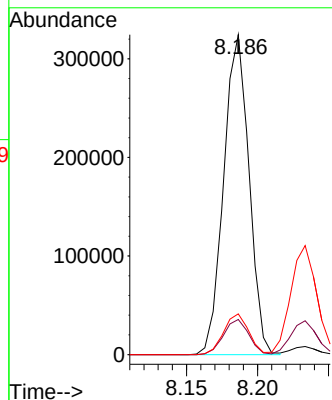
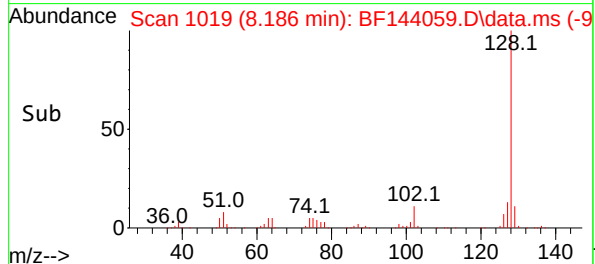


#31  
Naphthalene  
Concen: 20.378 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

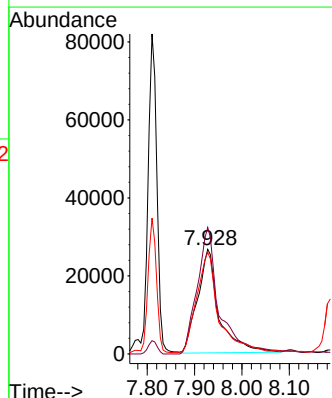
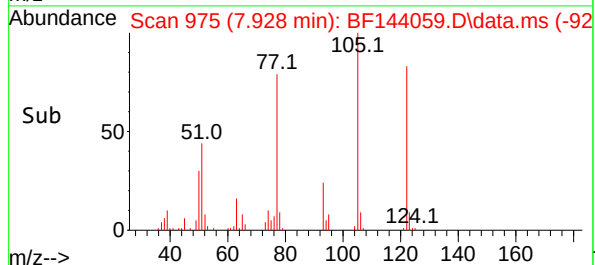
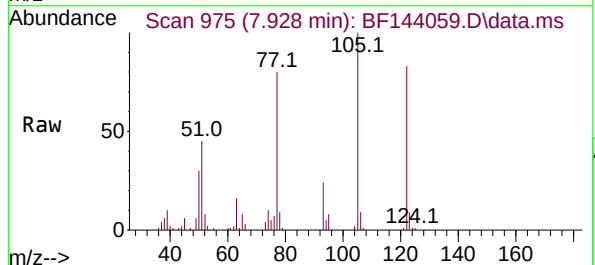


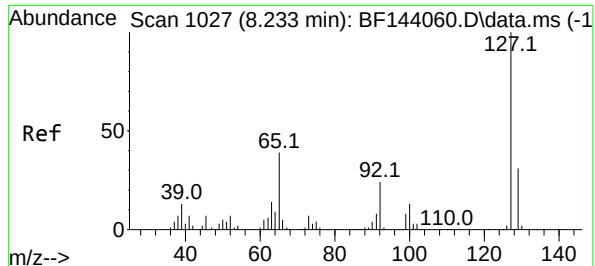
Tgt Ion:128 Resp: 401788  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.4 12.6  
127 12.7 9.9 14.9



#32  
Benzoic acid  
Concen: 23.086 ng  
RT: 7.928 min Scan# 975  
Delta R.T. 0.012 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:122 Resp: 83503  
Ion Ratio Lower Upper  
122 100  
105 120.9 111.3 151.3  
77 97.1 96.7 136.7





#33

4-Chloroaniline

Concen: 21.228 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 145706

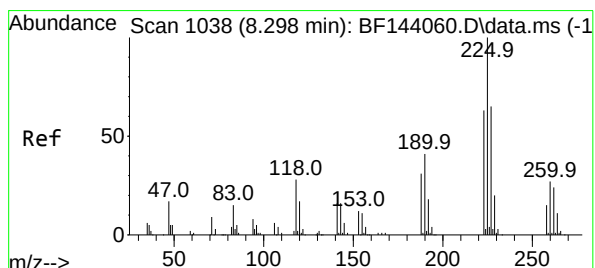
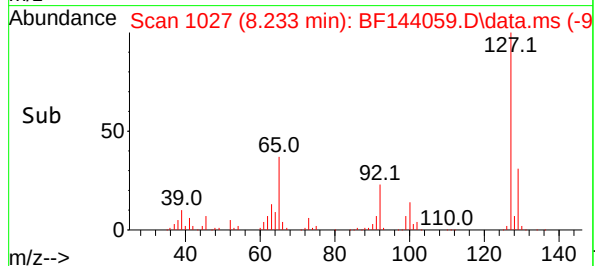
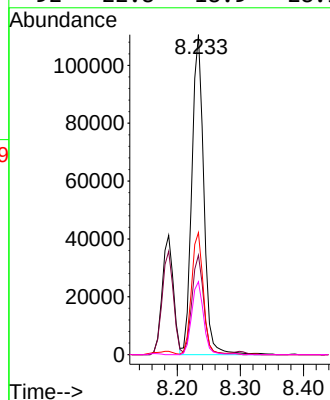
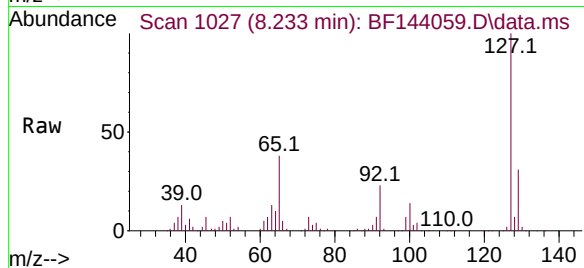
Ion Ratio Lower Upper

127 100

129 31.1 25.6 38.4

65 38.1 30.9 46.3

92 22.8 18.9 28.3



#34

Hexachlorobutadiene

Concen: 20.546 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

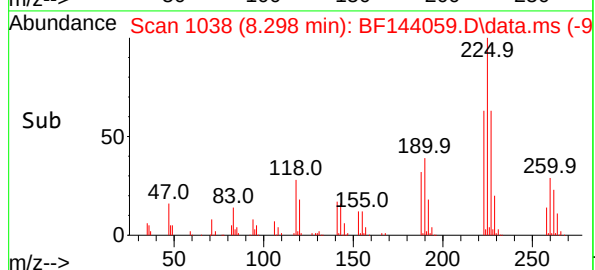
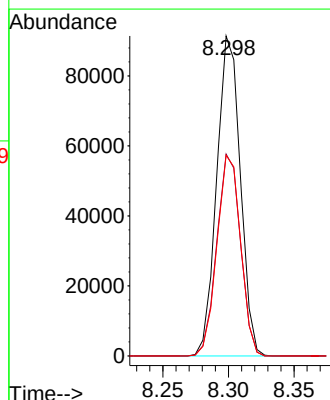
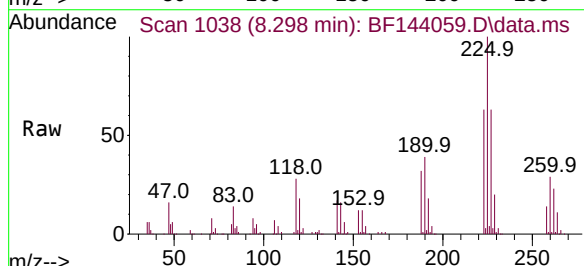
Tgt Ion:225 Resp: 114614

Ion Ratio Lower Upper

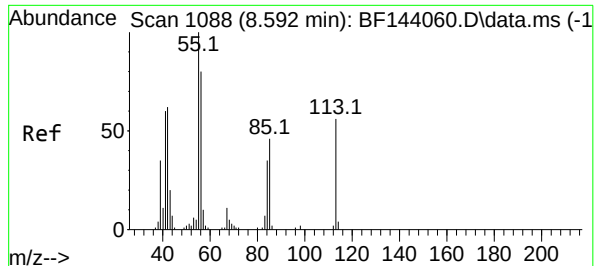
225 100

223 63.1 50.6 76.0

227 62.7 51.8 77.8



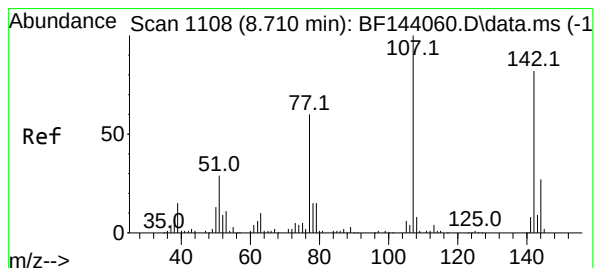
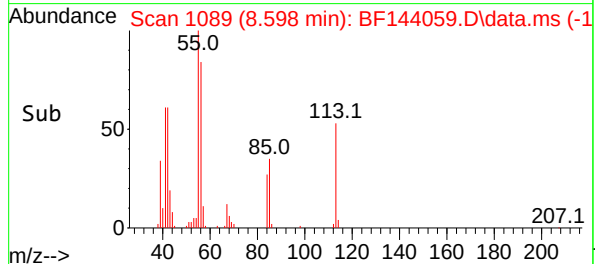
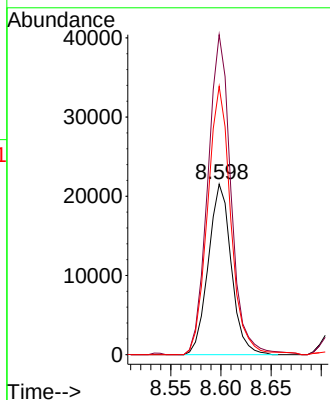
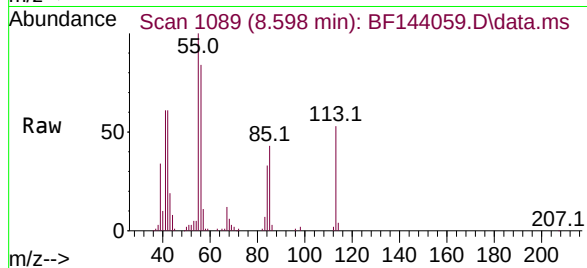




#35  
Caprolactam  
Concen: 20.591 ng  
RT: 8.598 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

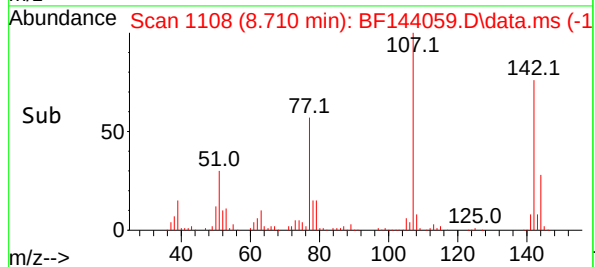
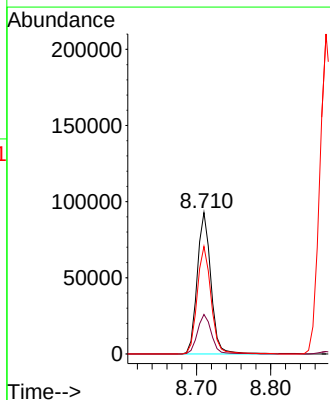
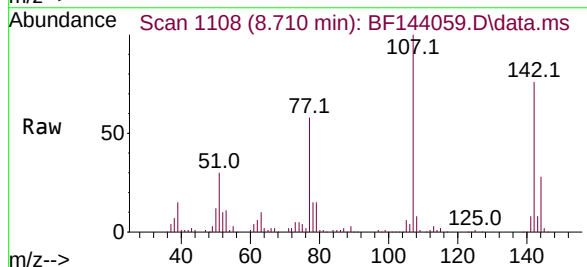
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

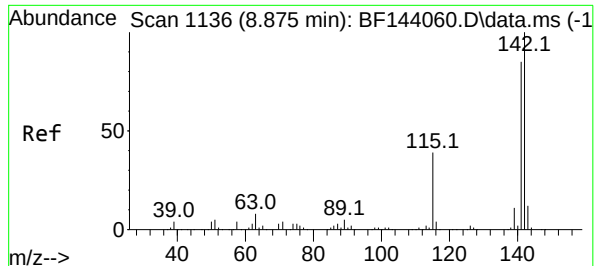
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 187.8 | 160.1 | 200.1 |
| 56      | 157.4 | 124.9 | 164.9 |



#36  
4-Chloro-3-methylphenol  
Concen: 20.357 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.0  | 21.6  | 32.4  |
| 142     | 76.0  | 65.4  | 98.0  |





#37

2-Methylnaphthalene

Concen: 20.280 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

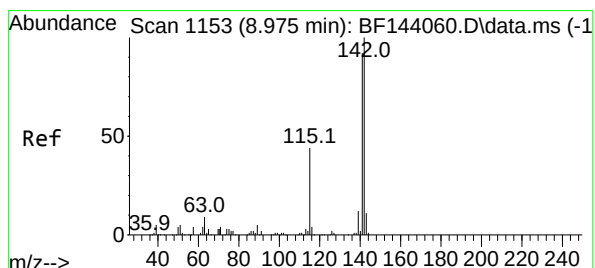
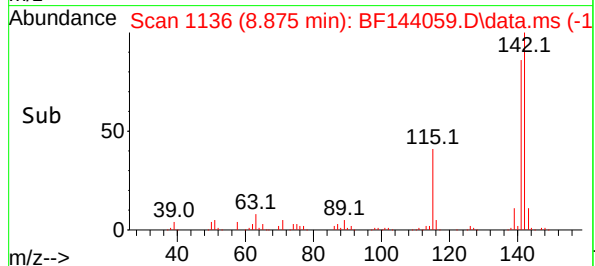
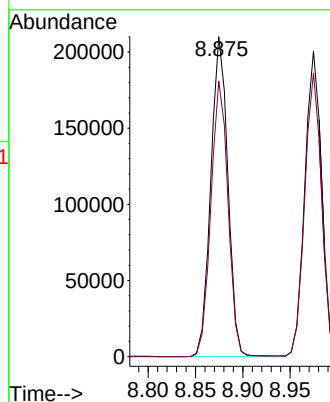
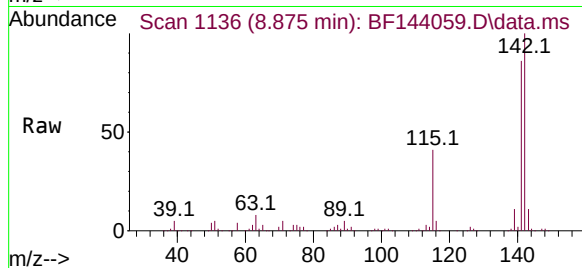
SSTDICC020

Tgt Ion:142 Resp: 263628

Ion Ratio Lower Upper

142 100

141 86.1 67.6 101.4



#38

1-Methylnaphthalene

Concen: 20.035 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144059.D

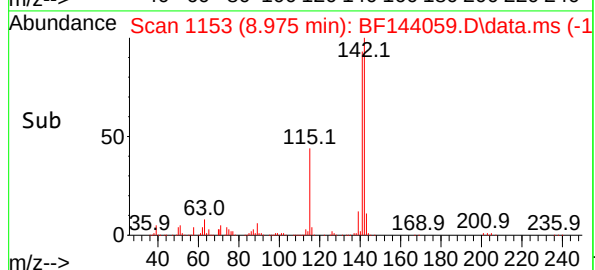
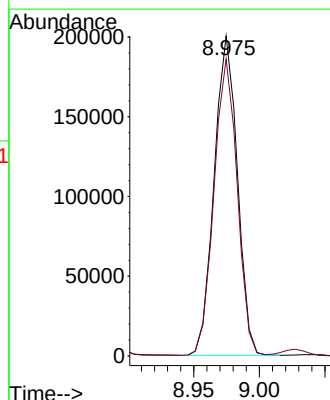
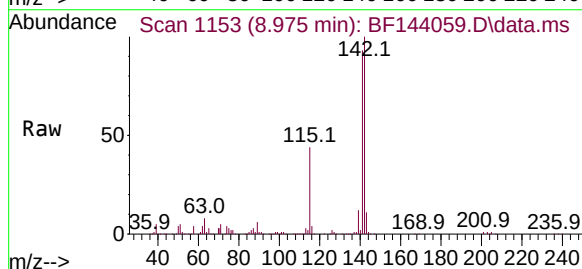
Acq: 24 Oct 2025 12:36

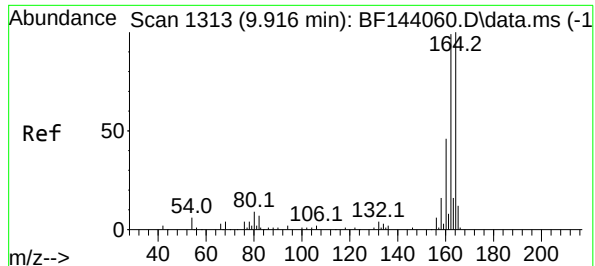
Tgt Ion:142 Resp: 246748

Ion Ratio Lower Upper

142 100

141 92.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

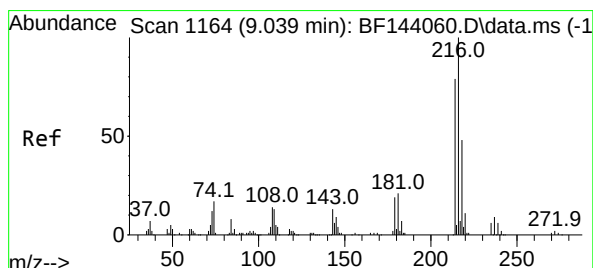
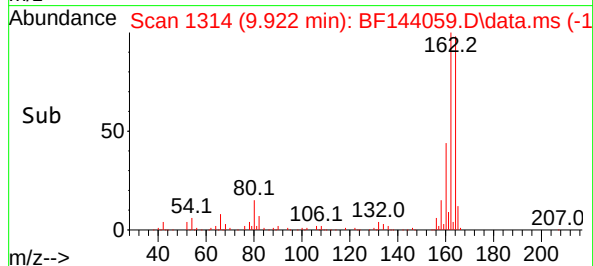
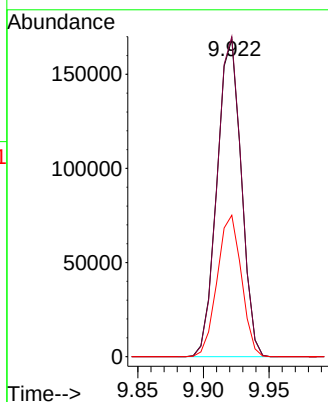
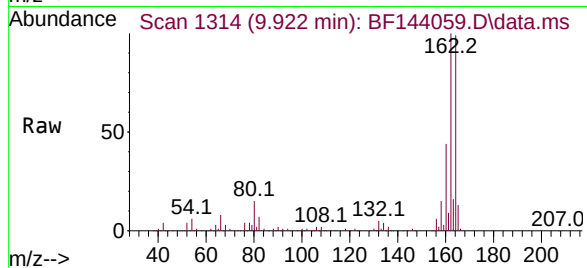
BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 217706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.9 | 79.4  | 119.2 |
| 160 | 44.6  | 36.7  | 55.1  |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.160 ng

RT: 9.039 min Scan# 1164

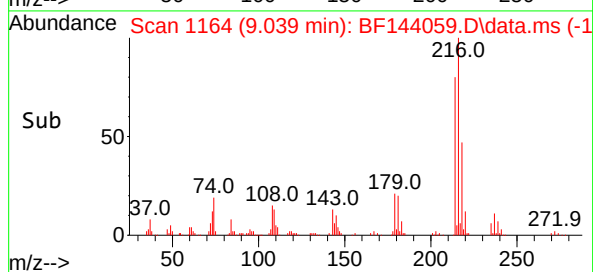
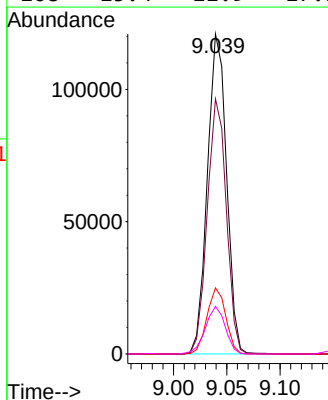
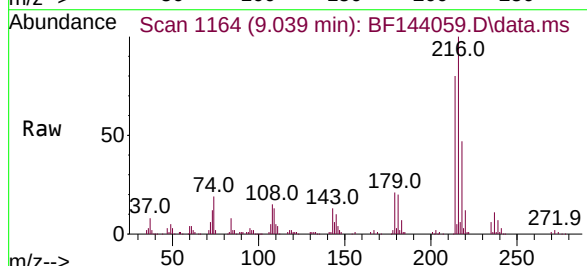
Delta R.T. 0.000 min

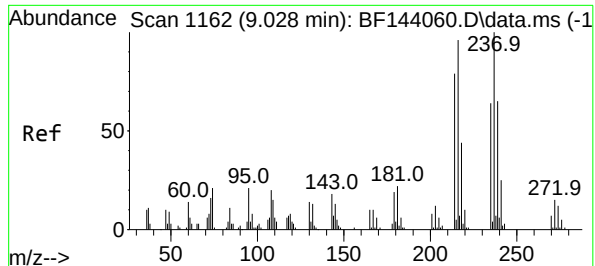
Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:216 Resp: 150836

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.3  | 63.2  | 94.8  |
| 179 | 20.2  | 15.2  | 22.8  |
| 108 | 15.4  | 11.9  | 17.9  |

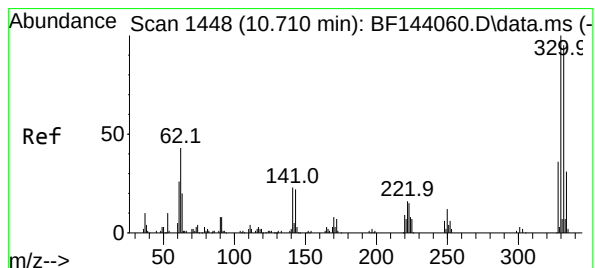
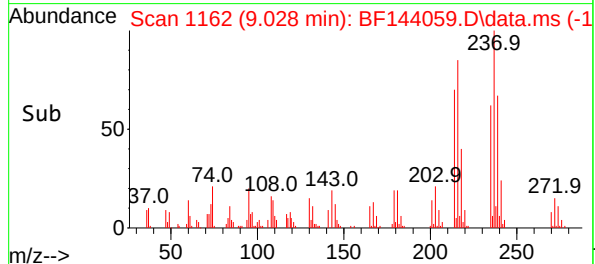
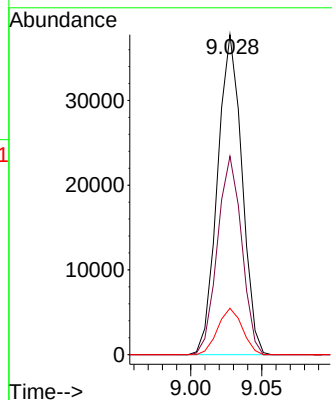
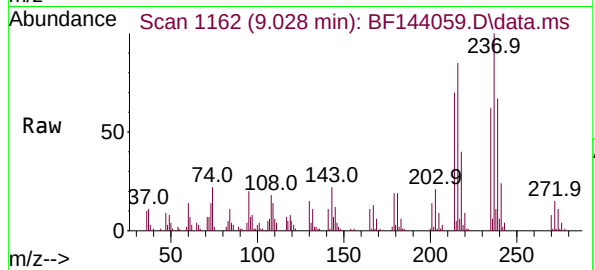




#41  
Hexachlorocyclopentadiene  
Concen: 19.591 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

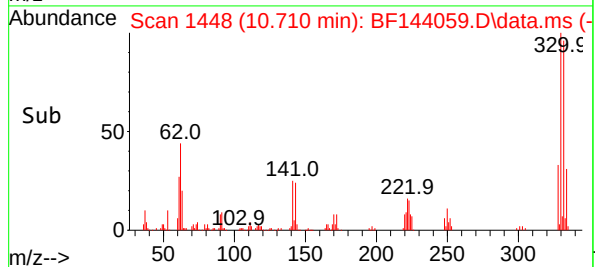
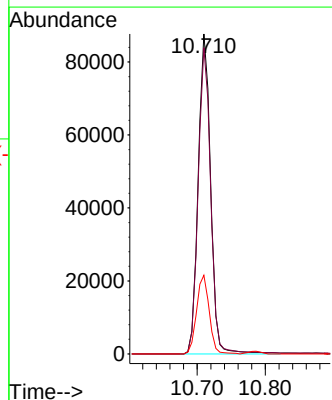
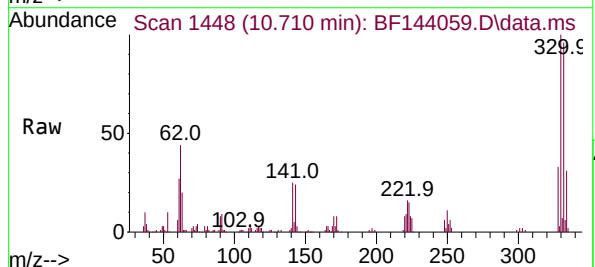
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

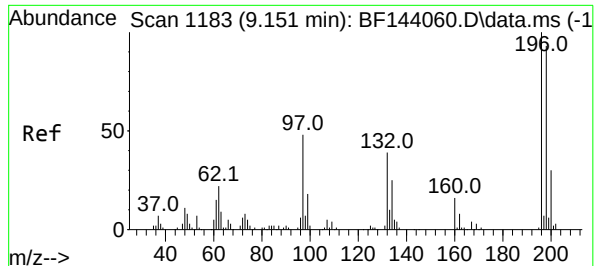
Tgt Ion: 237 Resp: 45275  
Ion Ratio Lower Upper  
237 100  
235 62.0 44.3 84.3  
272 14.5 0.0 35.2



#42  
2,4,6-Tribromophenol  
Concen: 40.132 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 330 Resp: 111292  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.6  
141 24.9 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 21.484 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

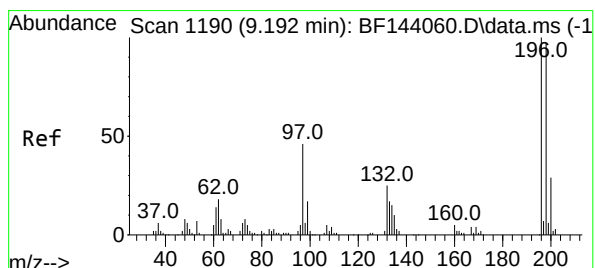
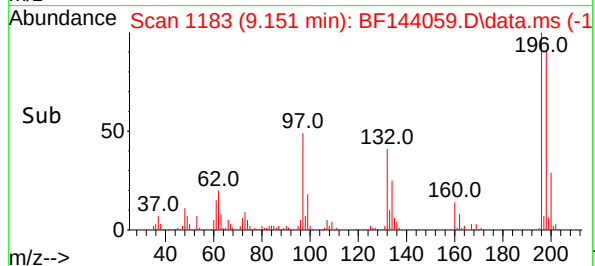
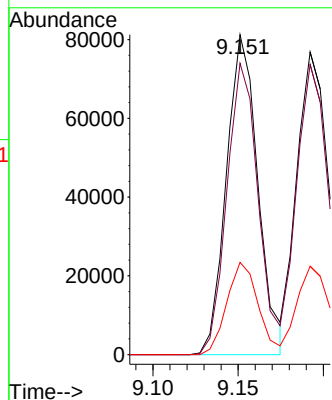
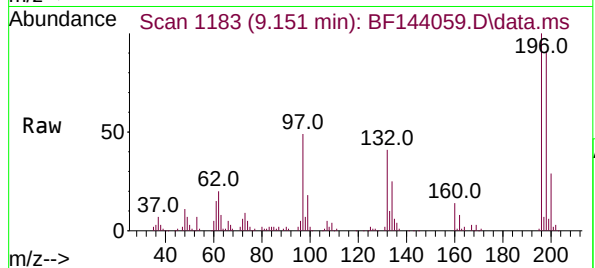
Tgt Ion:196 Resp: 104484

Ion Ratio Lower Upper

196 100

198 91.0 74.4 111.6

200 28.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 20.655 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:196 Resp: 105424

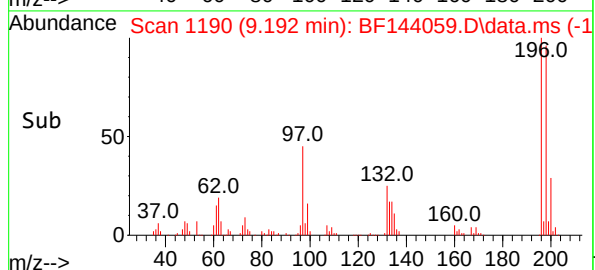
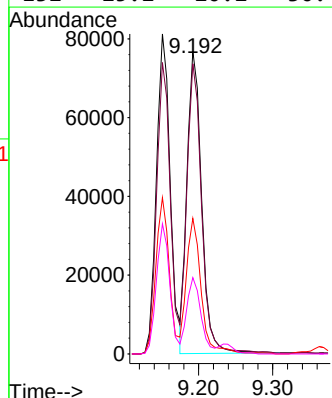
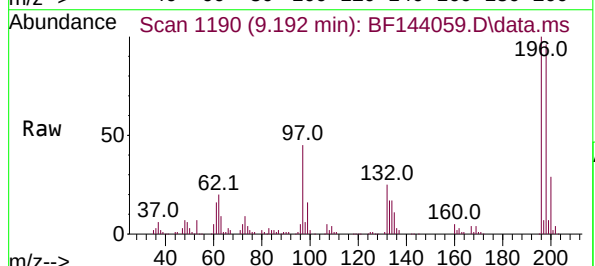
Ion Ratio Lower Upper

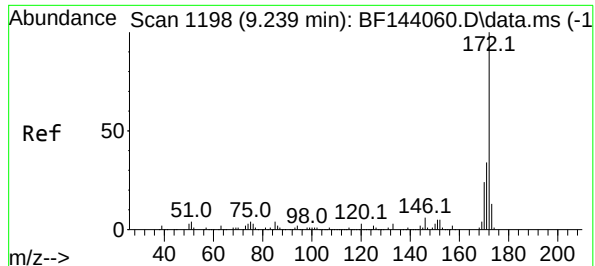
196 100

198 95.9 78.0 117.0

97 44.7 37.7 56.5

132 25.2 20.2 30.4

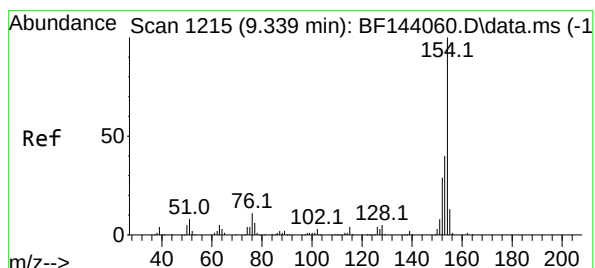
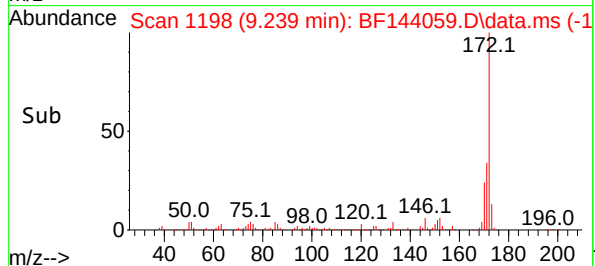
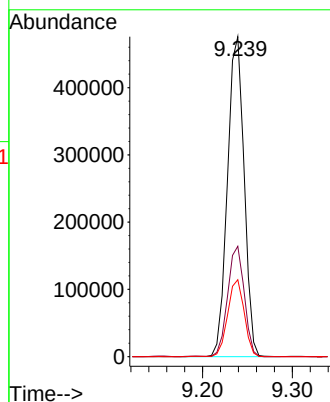
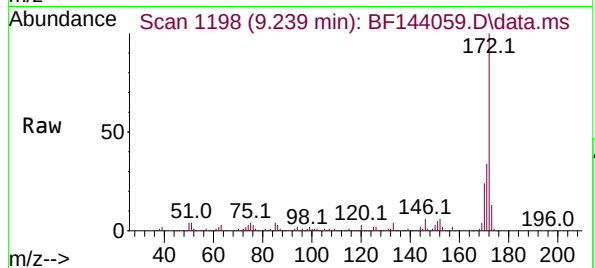




#45  
2-Fluorobiphenyl  
Concen: 39.724 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

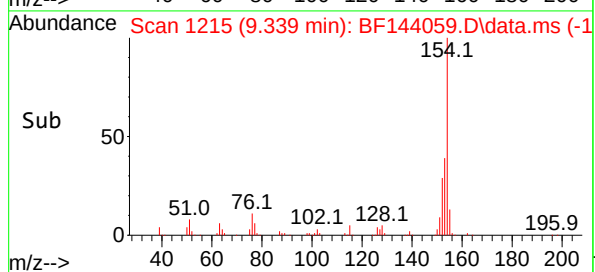
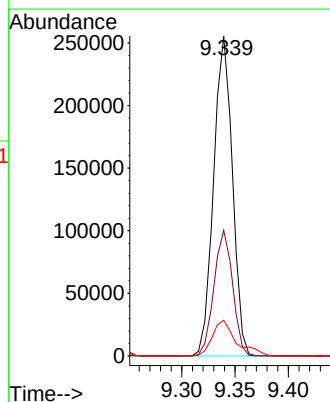
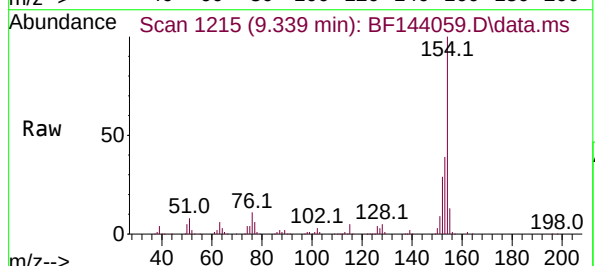
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

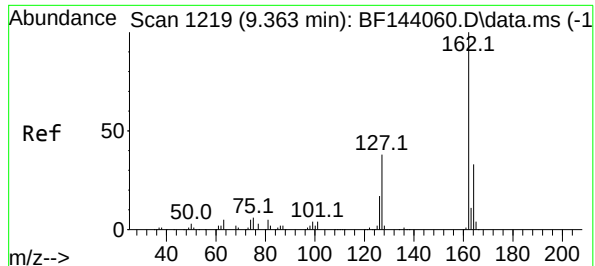
Tgt Ion:172 Resp: 614559  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.5 41.3  
170 24.0 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 20.128 ng  
RT: 9.339 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:154 Resp: 313680  
Ion Ratio Lower Upper  
154 100  
153 39.2 19.7 59.7  
76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 20.561 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

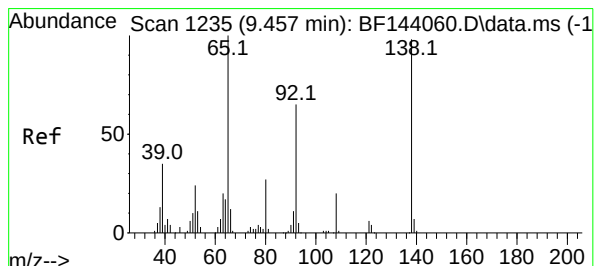
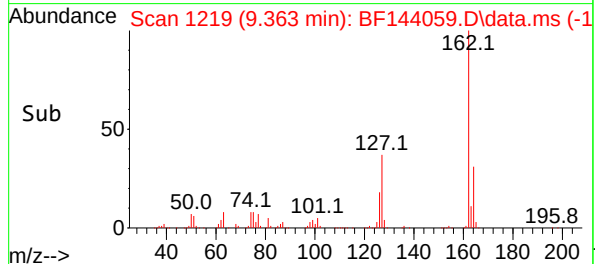
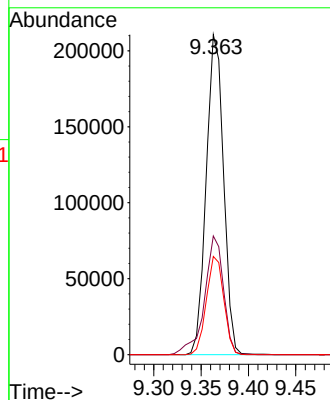
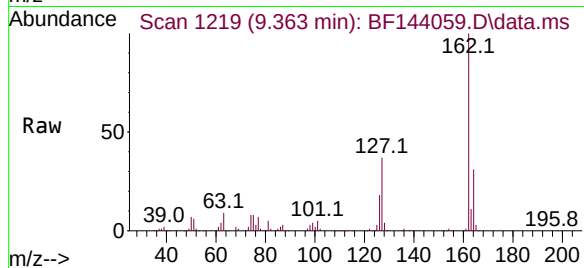
Tgt Ion:162 Resp: 268452

Ion Ratio Lower Upper

162 100

127 37.1 31.6 47.4

164 30.7 26.5 39.7



#48

2-Nitroaniline

Concen: 20.678 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

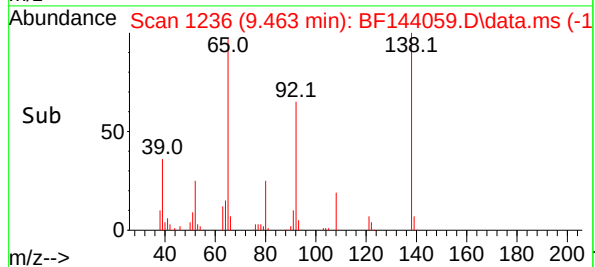
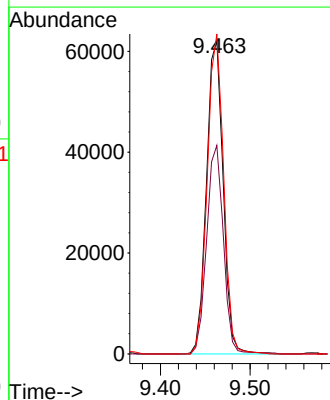
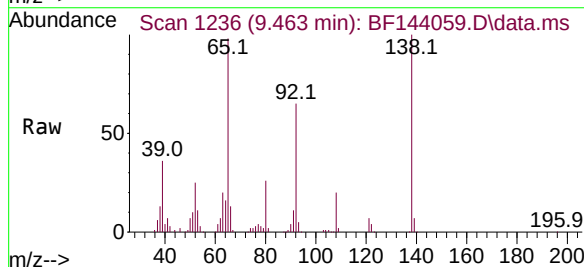
Tgt Ion: 65 Resp: 80171

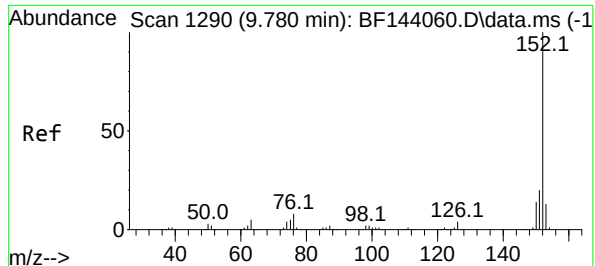
Ion Ratio Lower Upper

65 100

92 66.6 52.3 78.5

138 102.3 78.3 117.5





#49

Acenaphthylene

Concen: 20.575 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144059.D

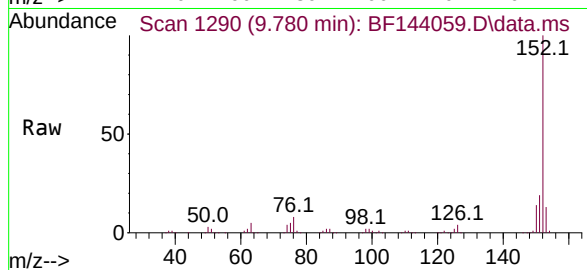
Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



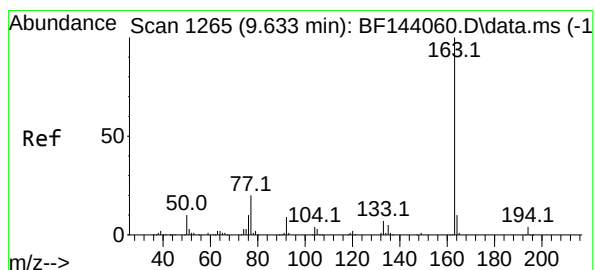
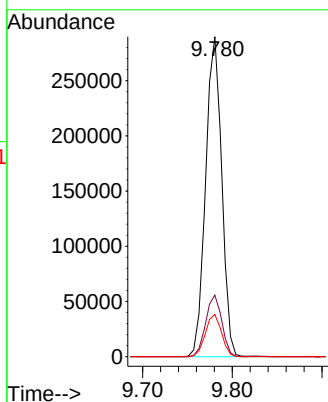
Tgt Ion:152 Resp: 362218

Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

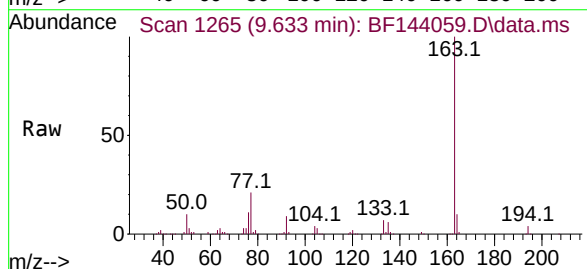
Concen: 20.324 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36



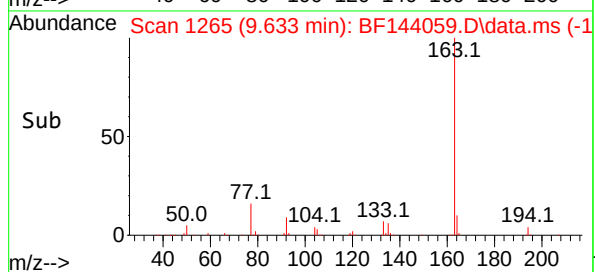
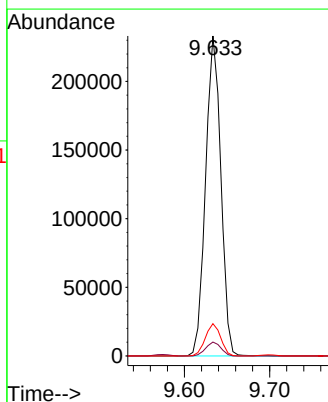
Tgt Ion:163 Resp: 290025

Ion Ratio Lower Upper

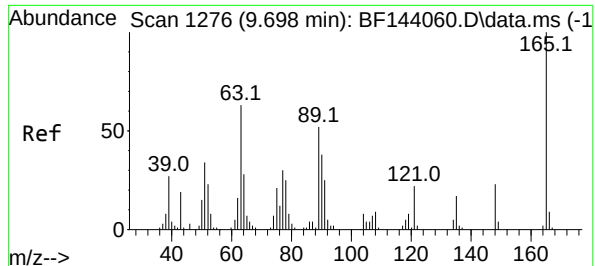
163 100

194 4.3 3.4 5.0

164 10.1 7.8 11.8







#51

2,6-Dinitrotoluene

Concen: 21.235 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

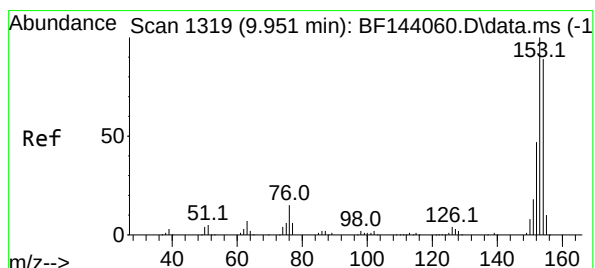
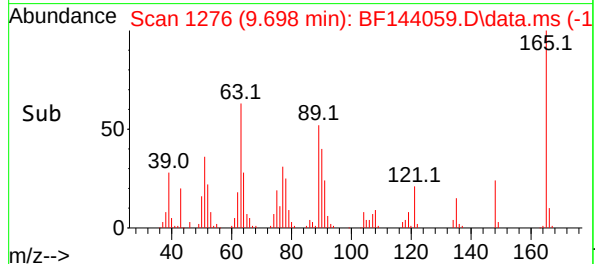
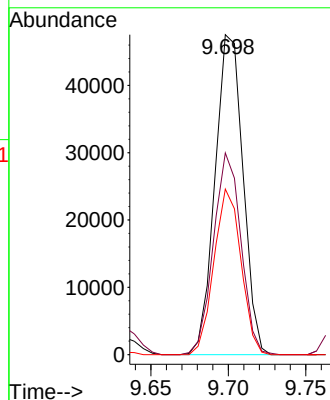
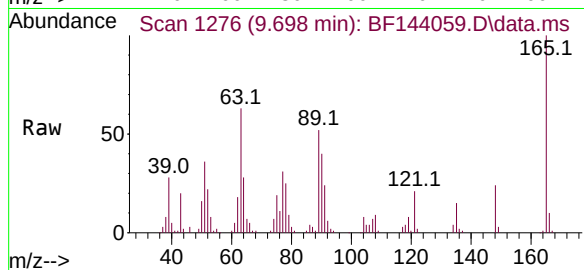
Tgt Ion:165 Resp: 59905

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 51.7 41.4 62.2



#52

Acenaphthene

Concen: 21.003 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

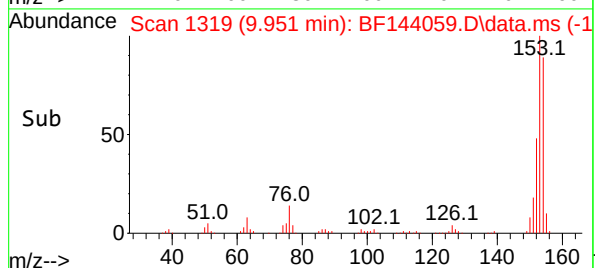
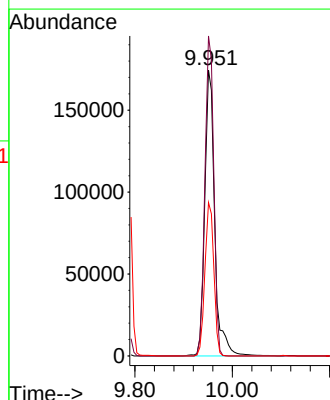
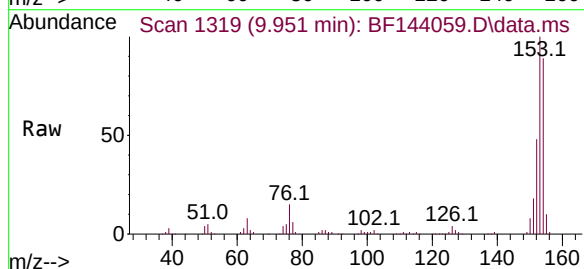
Tgt Ion:154 Resp: 246935

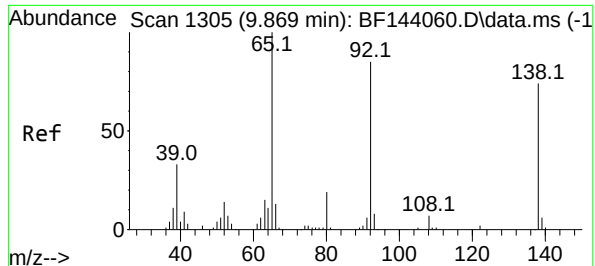
Ion Ratio Lower Upper

154 100

153 112.0 89.9 134.9

152 53.7 42.0 63.0

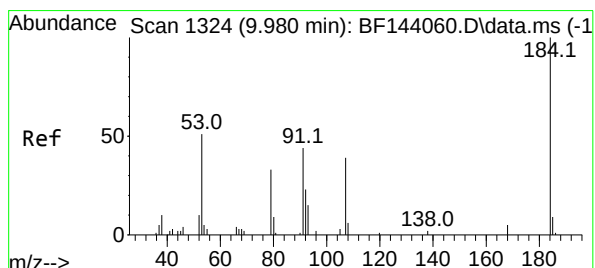
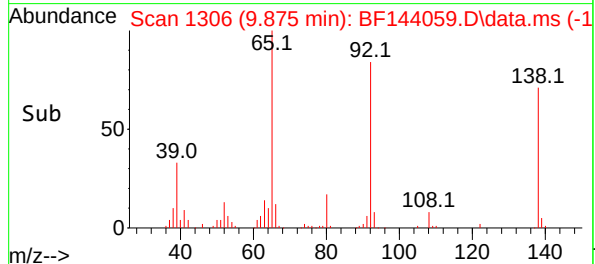
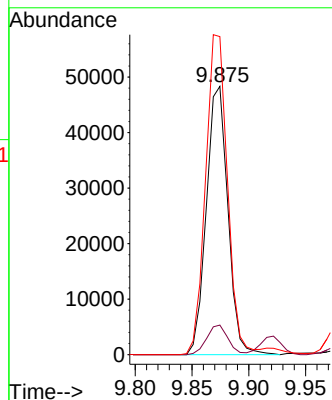
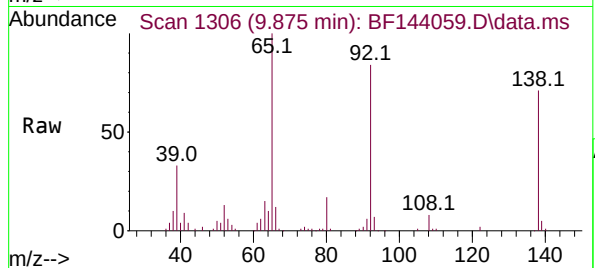




#53  
3-Nitroaniline  
Concen: 20.358 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

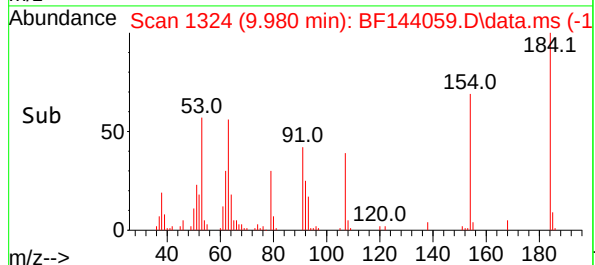
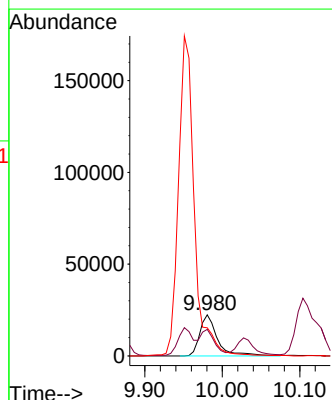
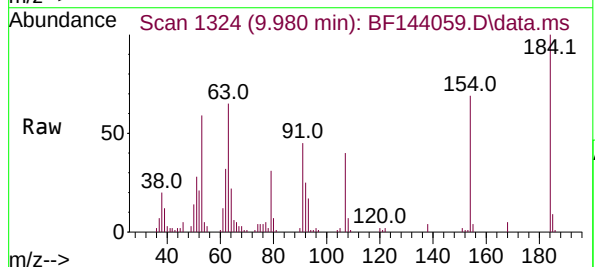
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

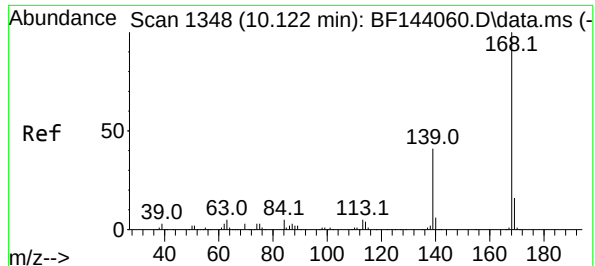
Tgt Ion:138 Resp: 63852  
Ion Ratio Lower Upper  
138 100  
108 11.0 7.9 11.9  
92 118.5 92.0 138.0



#54  
2,4-Dinitrophenol  
Concen: 23.089 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:184 Resp: 35229  
Ion Ratio Lower Upper  
184 100  
63 64.6 52.1 78.1  
154 68.6 47.9 71.9





#55

Dibenzofuran

Concen: 20.162 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

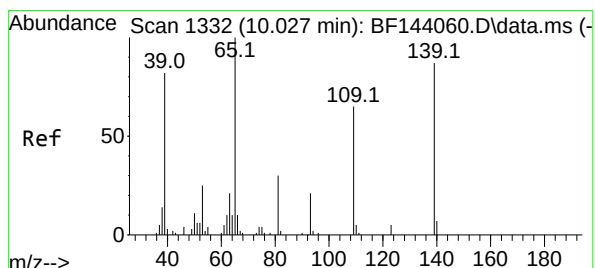
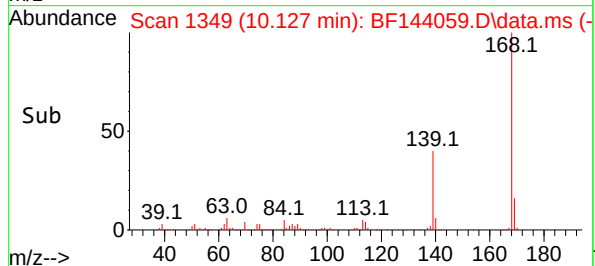
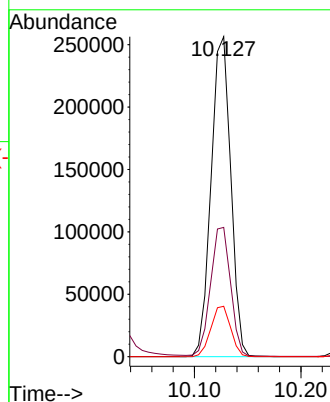
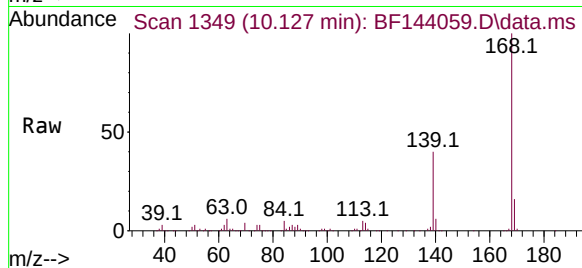
Tgt Ion:168 Resp: 329079

Ion Ratio Lower Upper

168 100

139 40.4 33.2 49.8

169 15.7 12.6 19.0



#56

4-Nitrophenol

Concen: 20.402 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

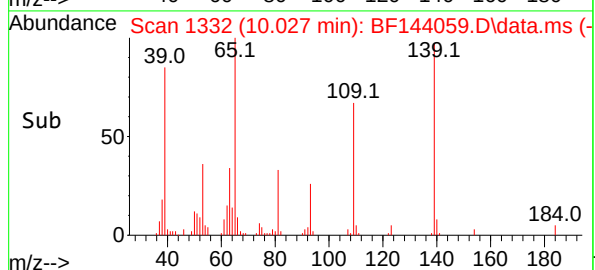
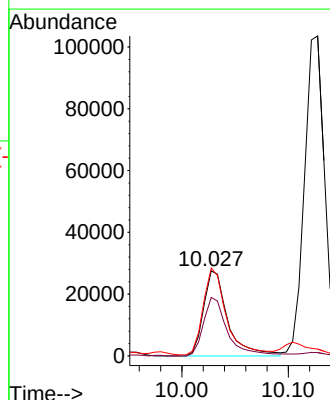
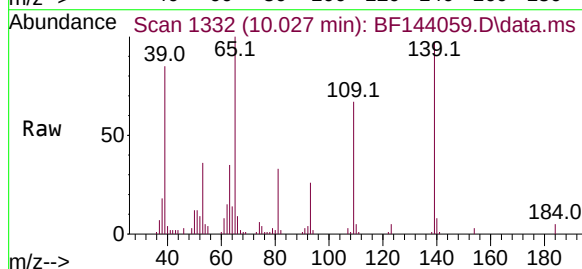
Tgt Ion:139 Resp: 43333

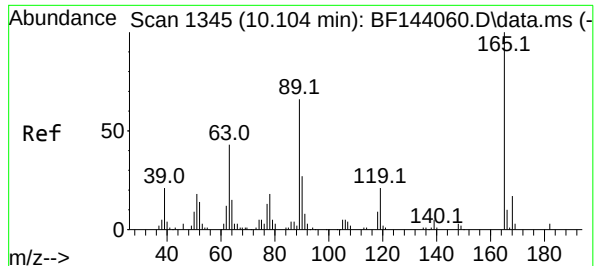
Ion Ratio Lower Upper

139 100

109 68.6 53.8 93.8

65 103.2 95.9 135.9

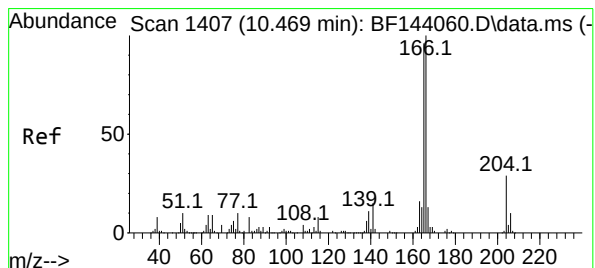
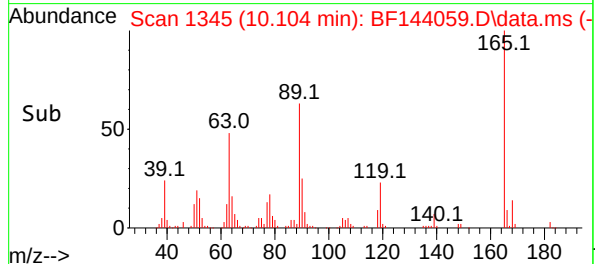
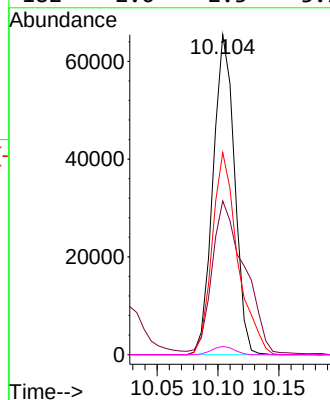
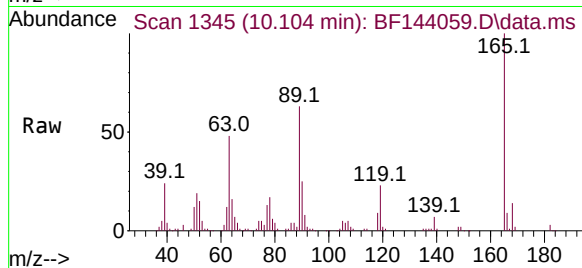




#57  
2,4-Dinitrotoluene  
Concen: 21.160 ng  
RT: 10.104 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

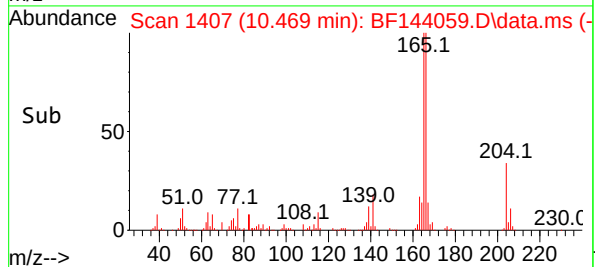
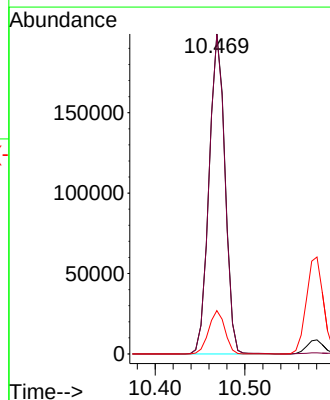
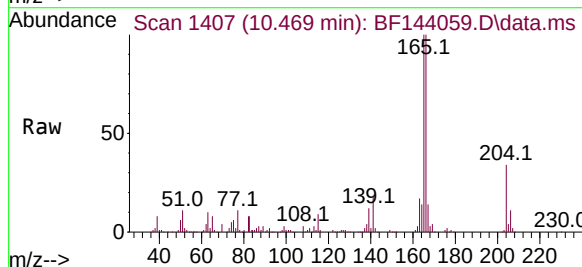
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

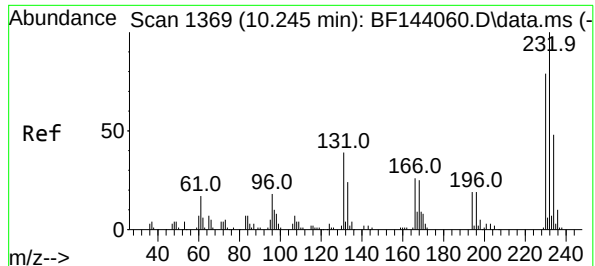
| Tgt Ion   | 165   | Resp  | 80566 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 48.1  | 35.4  | 53.2  |
| 89        | 63.1  | 52.7  | 79.1  |
| 182       | 2.6   | 2.3   | 3.5   |



#58  
Fluorene  
Concen: 19.841 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

| Tgt Ion   | 166   | Resp  | 246753 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.8  | 77.0  | 115.4  |
| 167       | 13.5  | 10.2  | 15.4   |

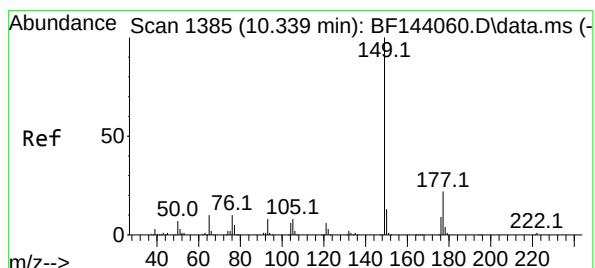
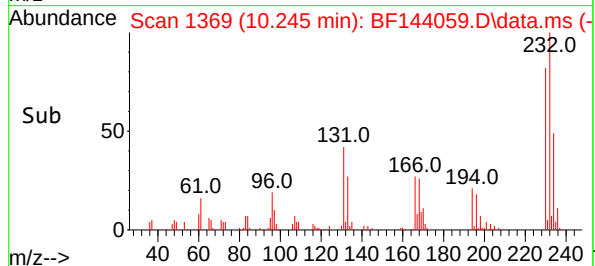
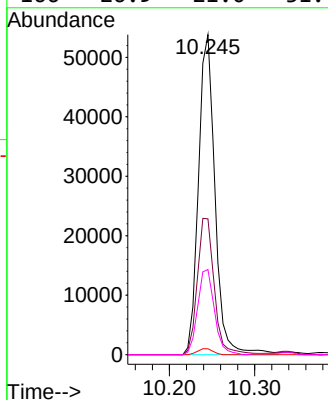
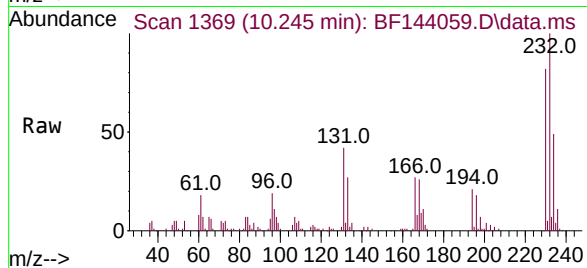




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.172 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

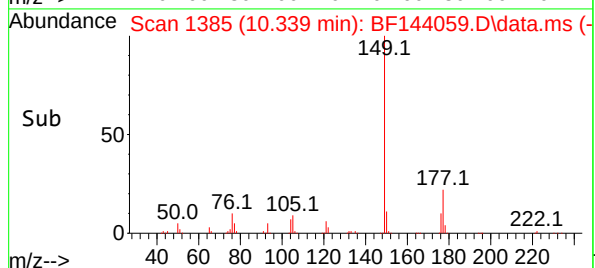
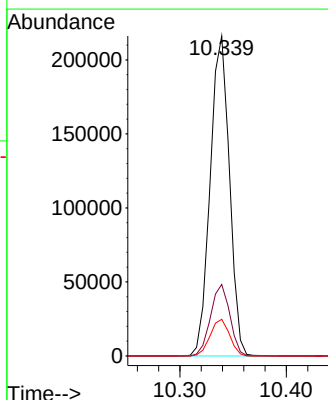
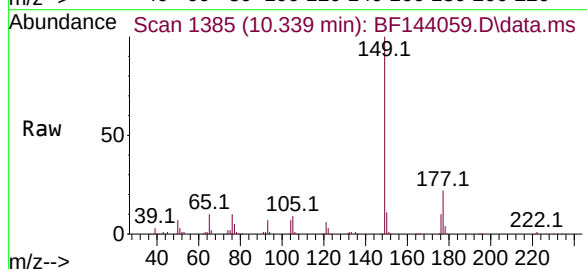
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

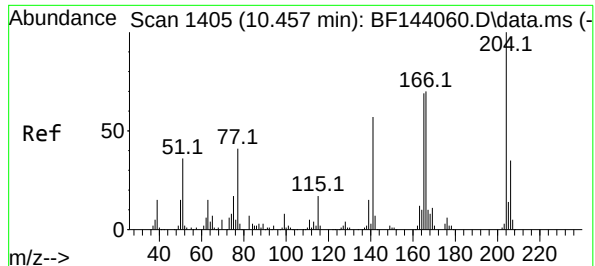
Tgt Ion:232 Resp: 72554  
Ion Ratio Lower Upper  
232 100  
131 43.5 31.9 47.9  
130 1.7 1.1 1.7#  
166 26.9 21.0 31.4



#60  
Diethylphthalate  
Concen: 20.184 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:149 Resp: 270864  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.8 26.6  
150 11.4 10.1 15.1

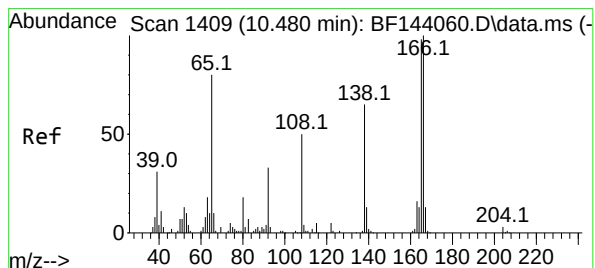
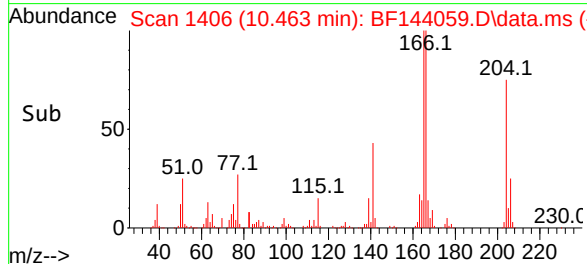
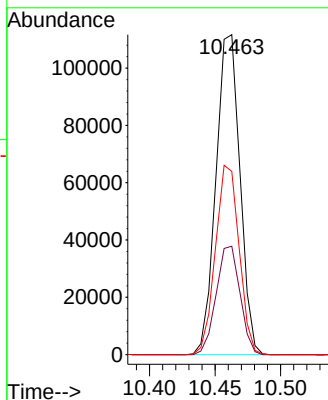
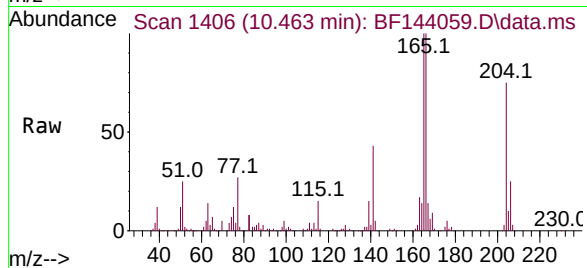




#61  
4-Chlorophenyl-phenylether  
Concen: 20.406 ng  
RT: 10.463 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

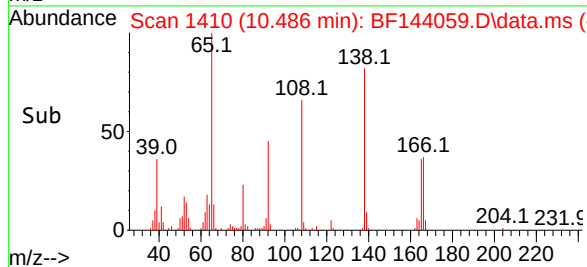
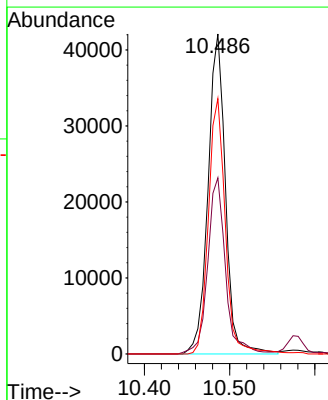
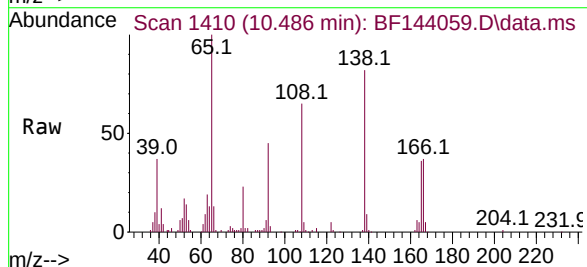
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

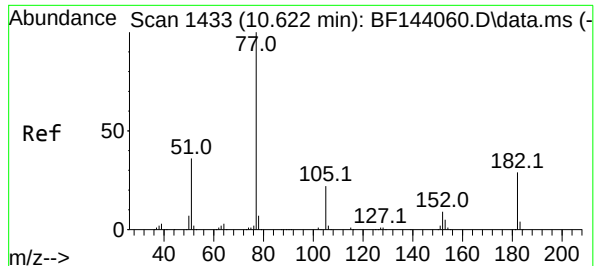
Tgt Ion:204 Resp: 142719  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.8 41.6  
141 57.2 45.4 68.2



#62  
4-Nitroaniline  
Concen: 20.157 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:138 Resp: 59903  
Ion Ratio Lower Upper  
138 100  
92 55.0 30.5 70.5  
108 79.8 56.2 96.2

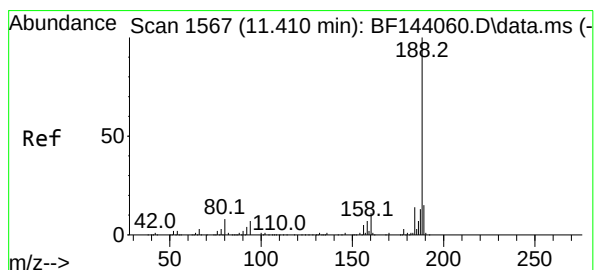
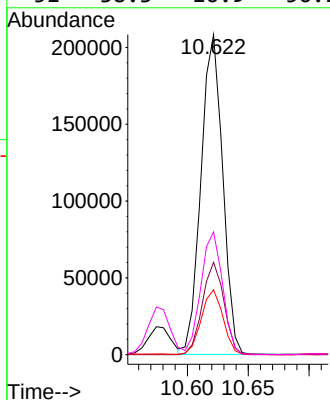
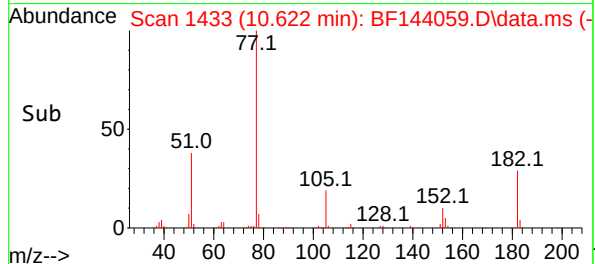
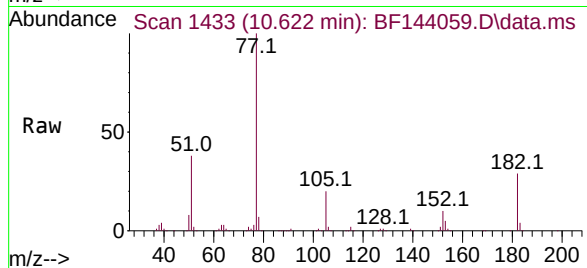




#63  
Azobenzene  
Concen: 20.346 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

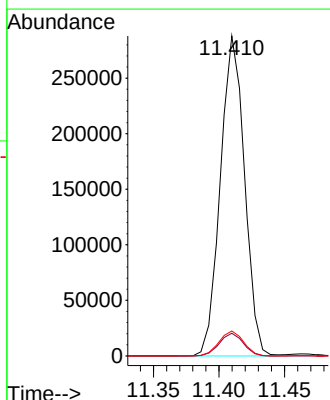
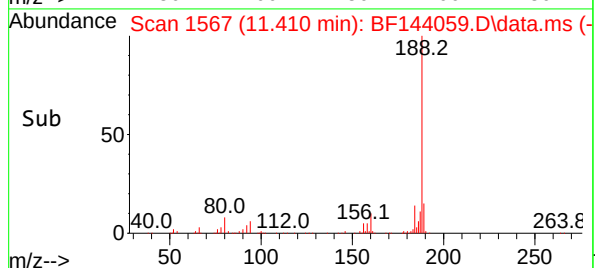
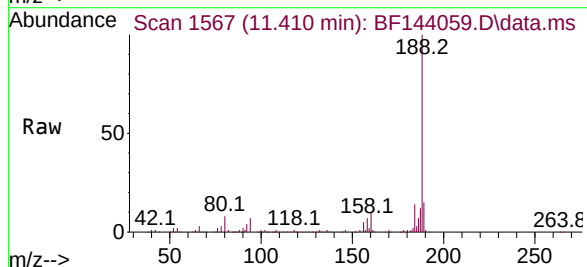
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

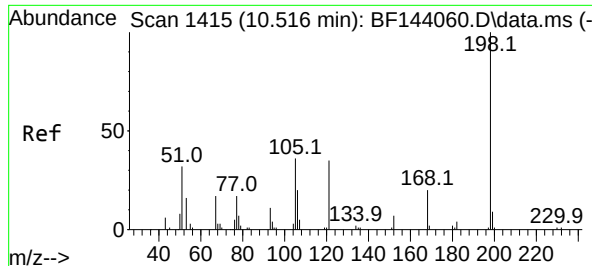
Tgt Ion: 77 Resp: 258435  
Ion Ratio Lower Upper  
77 100  
182 28.8 9.0 49.0  
105 20.3 1.4 41.4  
51 38.3 16.9 56.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion: 188 Resp: 369584  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.4 8.0  
80 7.8 6.0 9.0

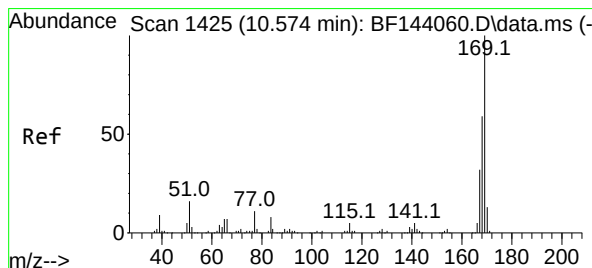
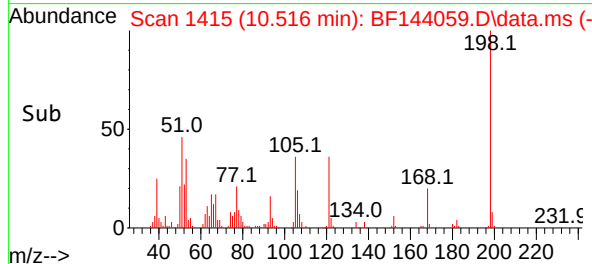
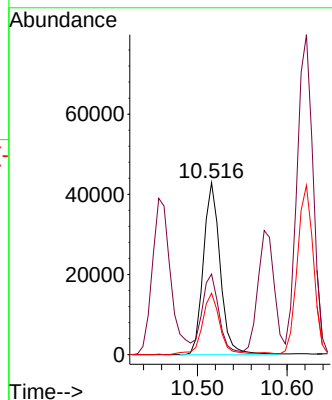
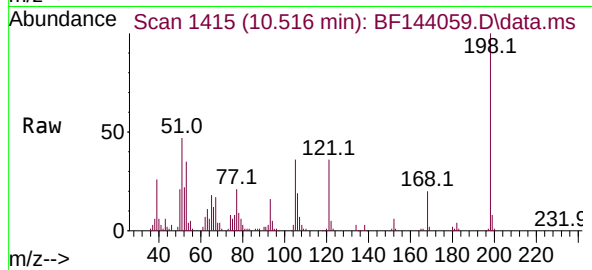




#65  
4,6-Dinitro-2-methylphenol  
Concen: 23.553 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

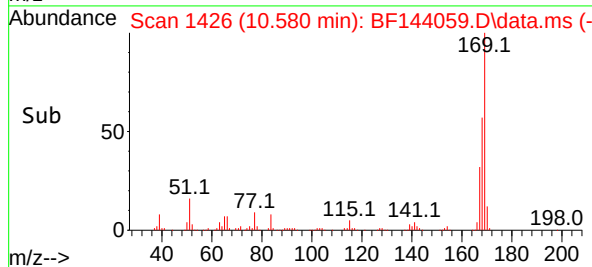
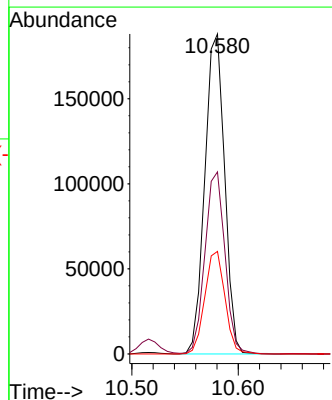
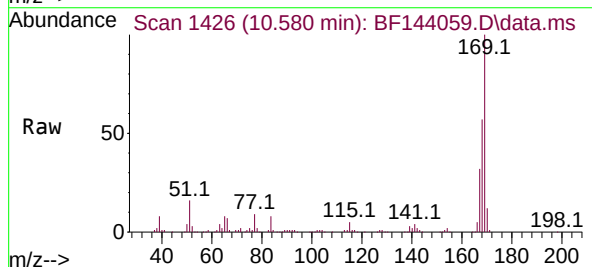
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:198 Resp: 55850  
Ion Ratio Lower Upper  
198 100  
51 46.8 25.8 65.8  
105 35.7 17.2 57.2

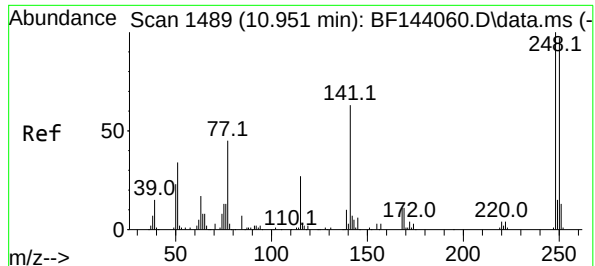


#66  
n-Nitrosodiphenylamine  
Concen: 20.563 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:169 Resp: 242811  
Ion Ratio Lower Upper  
169 100  
168 56.9 47.4 71.2  
167 32.0 25.5 38.3



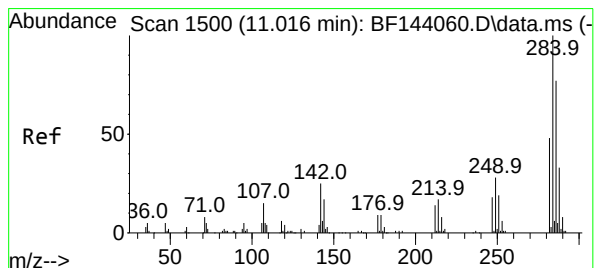
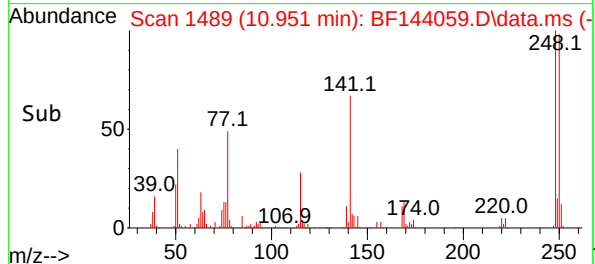
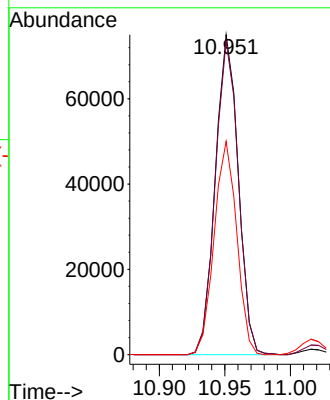
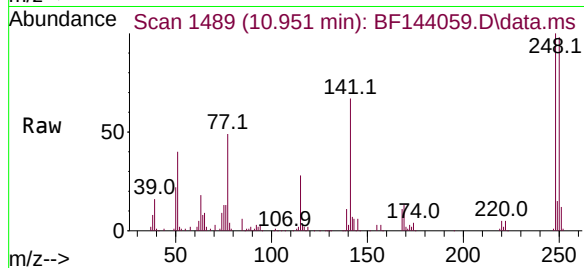




#67  
4-Bromophenyl-phenylether  
Concen: 19.753 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

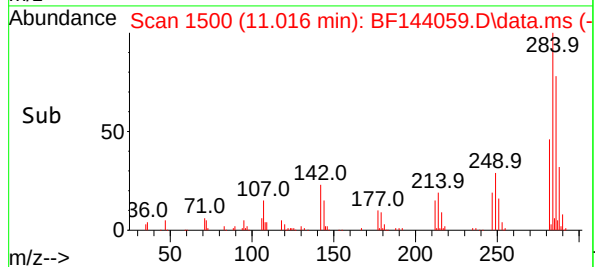
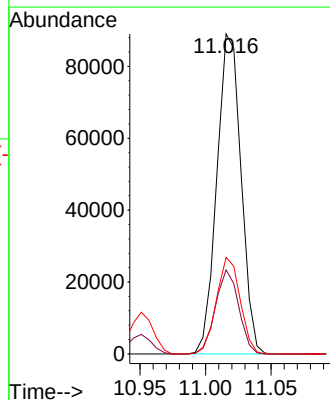
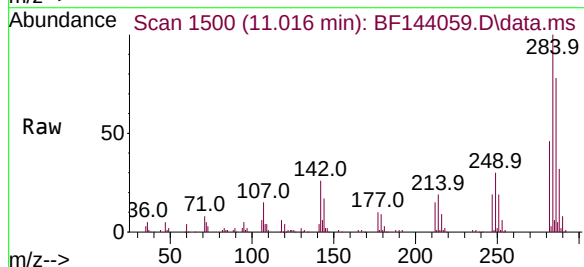
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

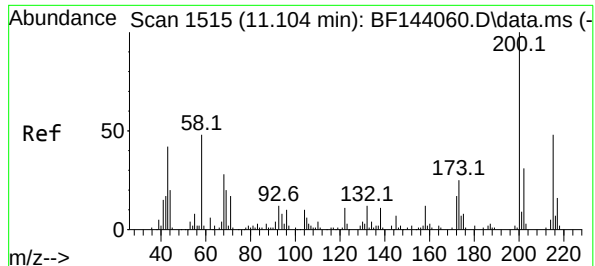
Tgt Ion:248 Resp: 91405  
Ion Ratio Lower Upper  
248 100  
250 98.0 77.8 116.6  
141 66.6 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 20.141 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:284 Resp: 114304  
Ion Ratio Lower Upper  
284 100  
142 26.3 20.0 30.0  
249 30.2 22.2 33.2





#69

Atrazine

Concen: 20.818 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

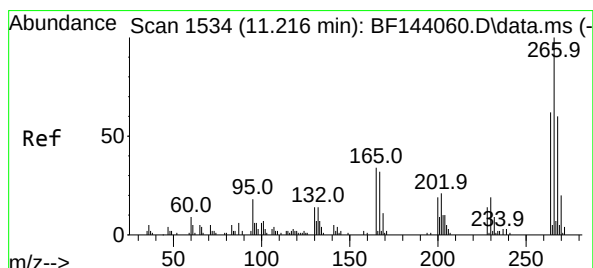
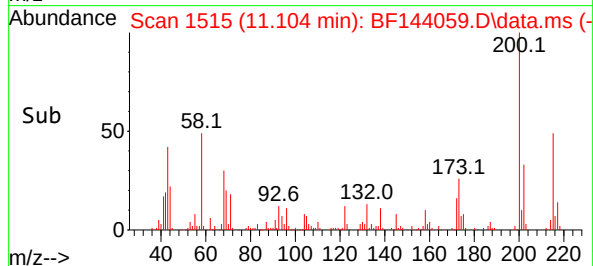
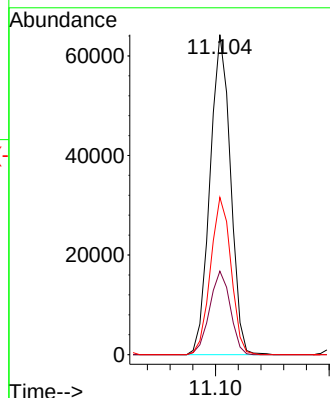
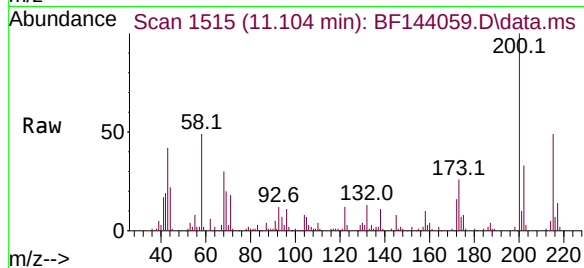
Tgt Ion:200 Resp: 80666

Ion Ratio Lower Upper

200 100

173 26.1 4.9 44.9

215 49.1 28.2 68.2



#70

Pentachlorophenol

Concen: 20.449 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

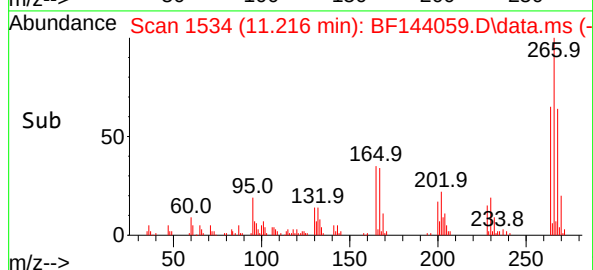
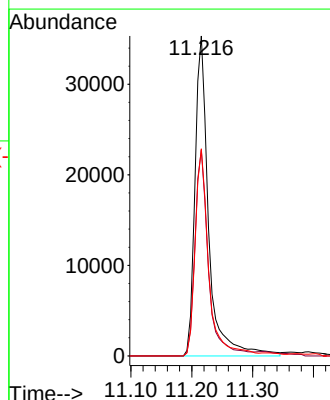
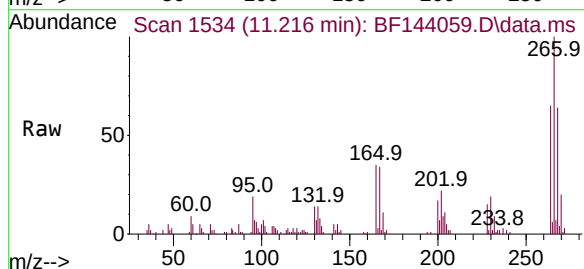
Tgt Ion:266 Resp: 55240

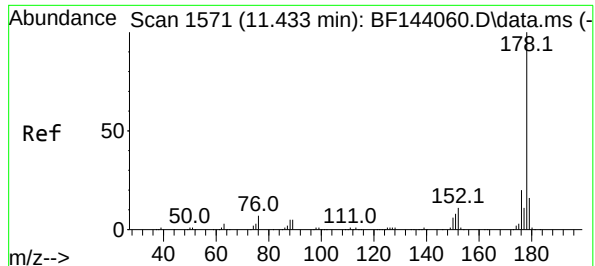
Ion Ratio Lower Upper

266 100

268 64.3 48.2 72.4

264 64.7 49.4 74.0

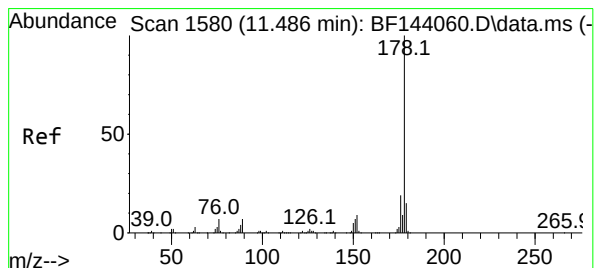
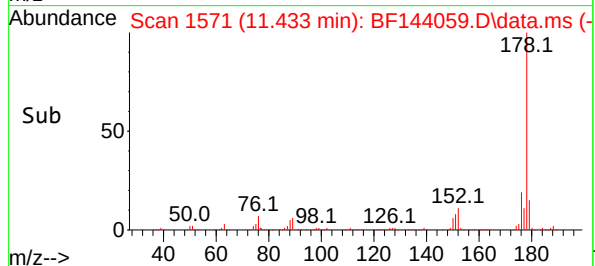
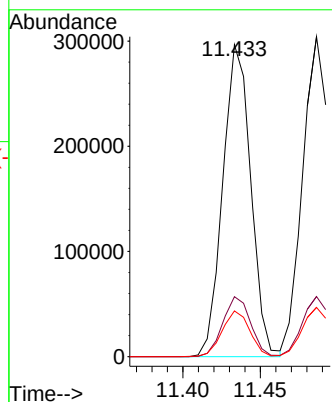
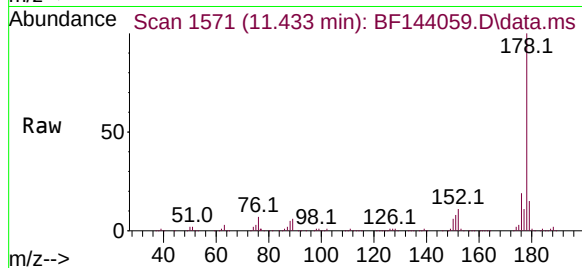




#71  
Phenanthrene  
Concen: 20.315 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

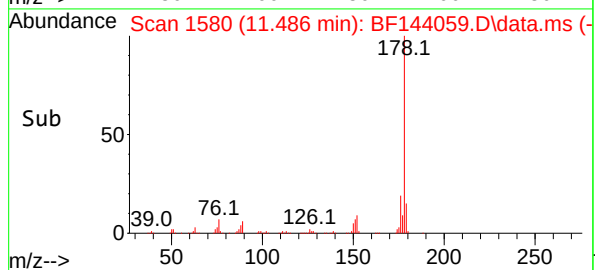
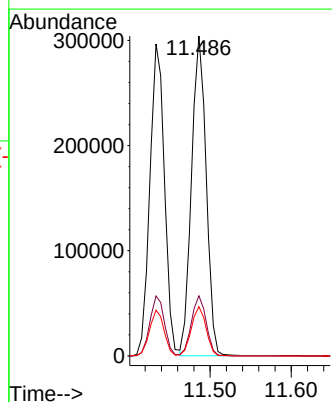
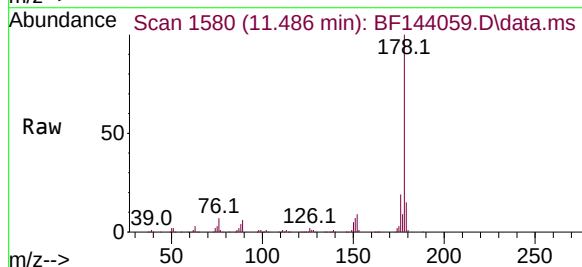
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

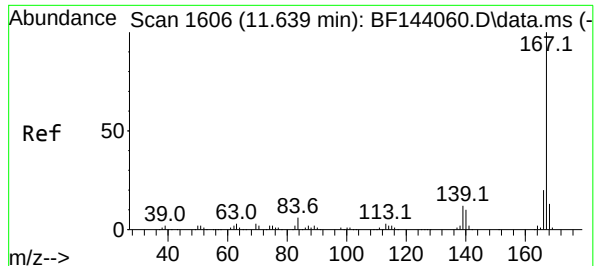
Tgt Ion:178 Resp: 372967  
Ion Ratio Lower Upper  
178 100  
176 19.2 16.3 24.5  
179 14.6 12.6 18.8



#72  
Anthracene  
Concen: 20.060 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

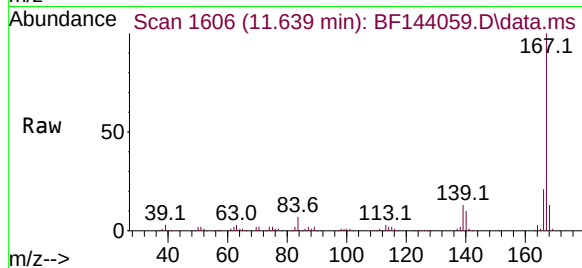
Tgt Ion:178 Resp: 380455  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.4 11.8 17.6



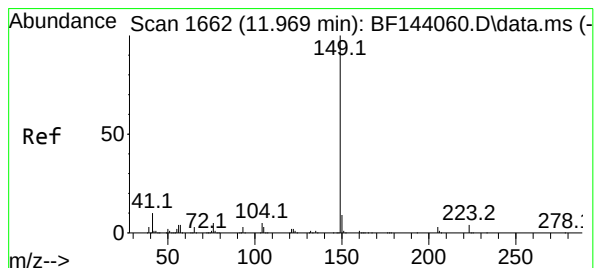
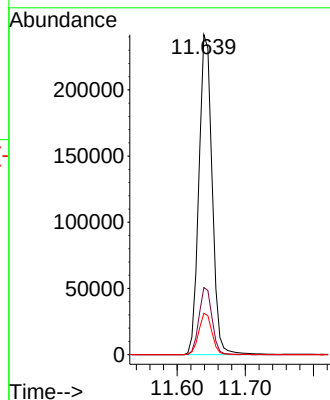
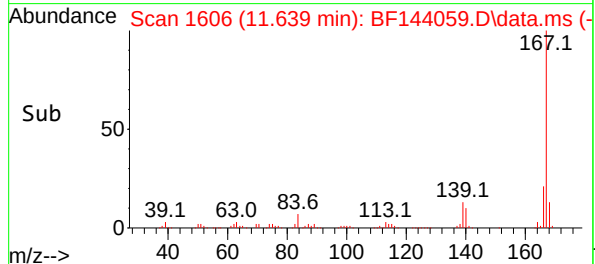


#73  
Carbazole  
Concen: 20.225 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

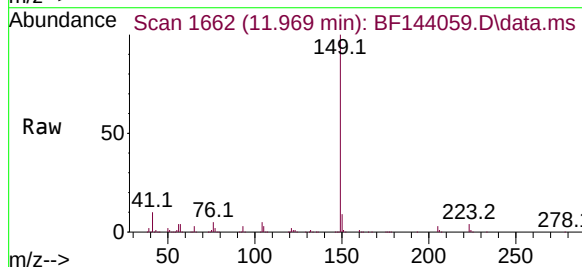
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



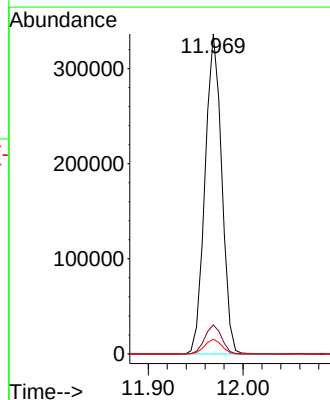
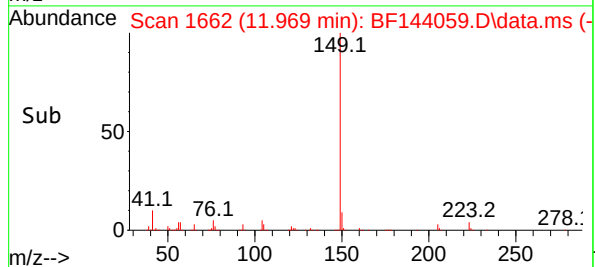
Tgt Ion:167 Resp: 326491  
Ion Ratio Lower Upper  
167 100  
166 21.0 16.1 24.1  
139 12.9 9.8 14.6

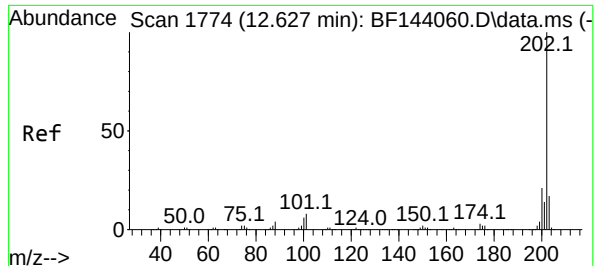


#74  
Di-n-butylphthalate  
Concen: 20.841 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36



Tgt Ion:149 Resp: 412471  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 4.6 3.6 5.4

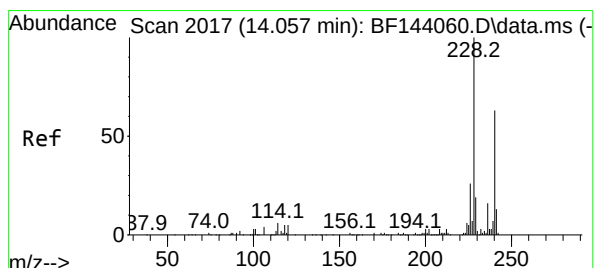
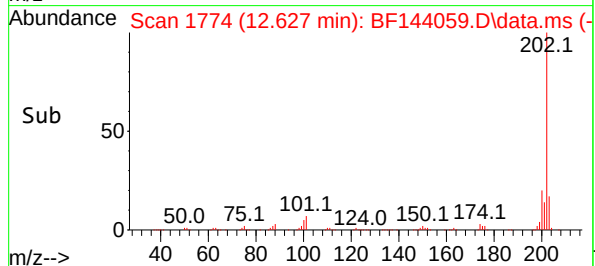
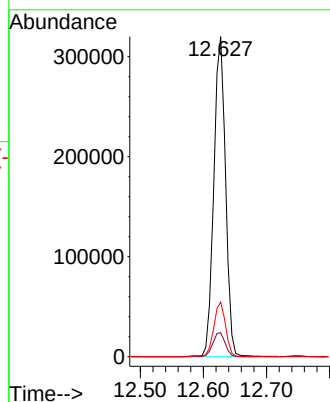
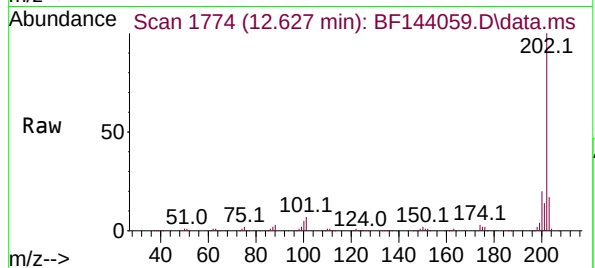




#75  
Fluoranthene  
Concen: 20.430 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

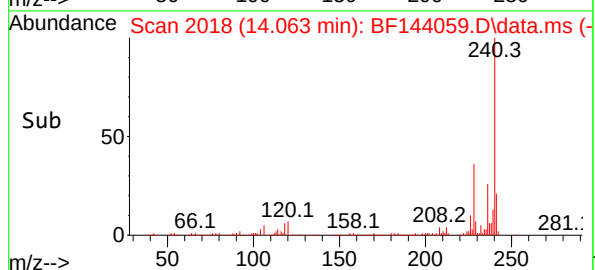
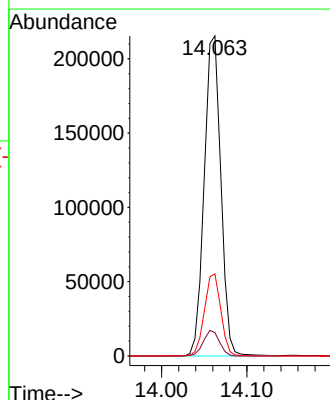
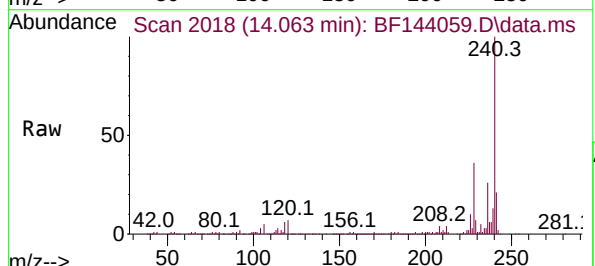
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

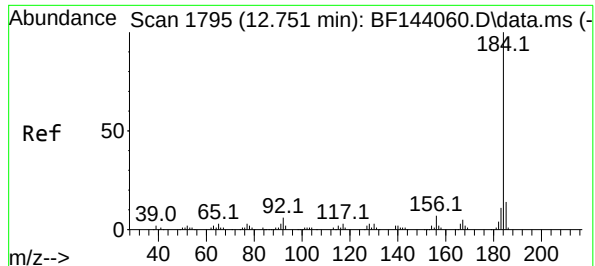
Tgt Ion:202 Resp: 414382  
Ion Ratio Lower Upper  
202 100  
101 7.5 0.0 27.7  
203 17.0 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:240 Resp: 292368  
Ion Ratio Lower Upper  
240 100  
120 7.3 6.5 9.7  
236 25.6 20.1 30.1





#77

Benzidine

Concen: 19.736 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

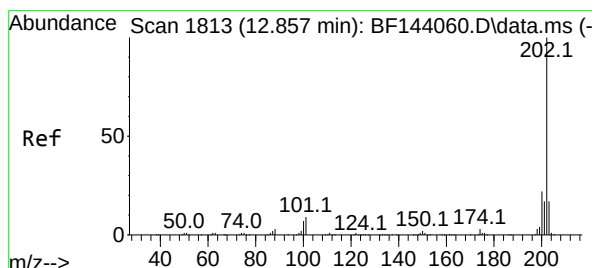
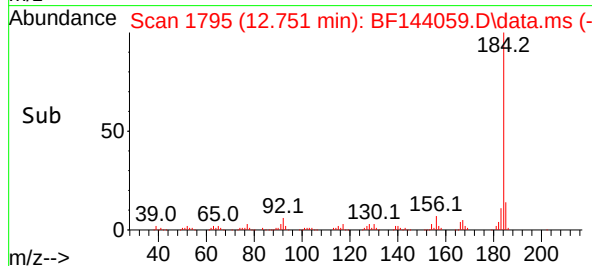
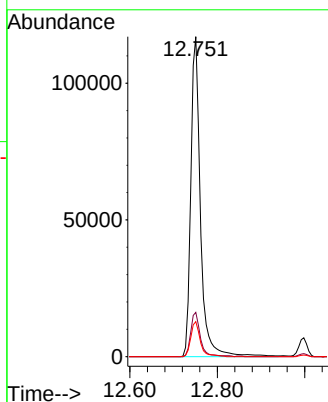
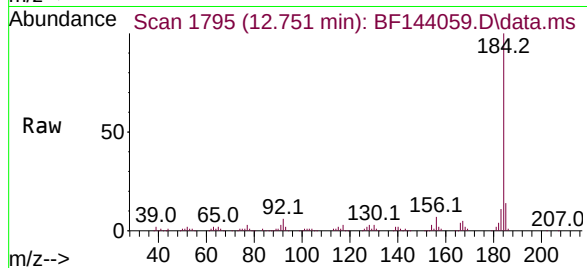
Tgt Ion:184 Resp: 179581

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

183 10.9 8.5 12.7



#78

Pyrene

Concen: 19.831 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

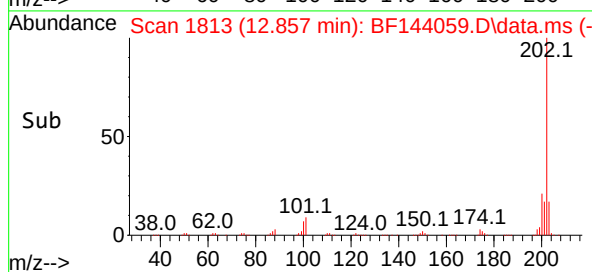
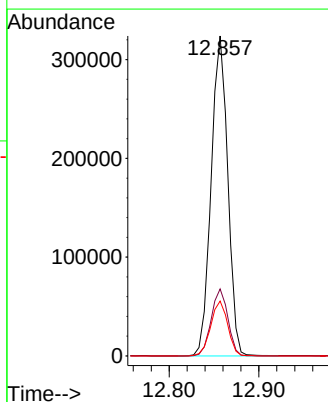
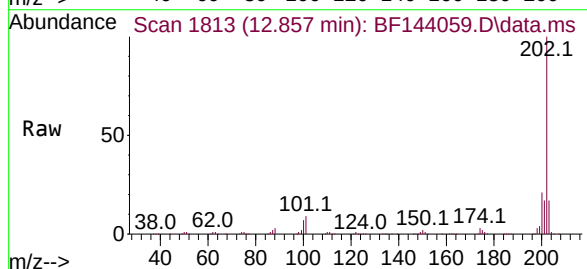
Tgt Ion:202 Resp: 416839

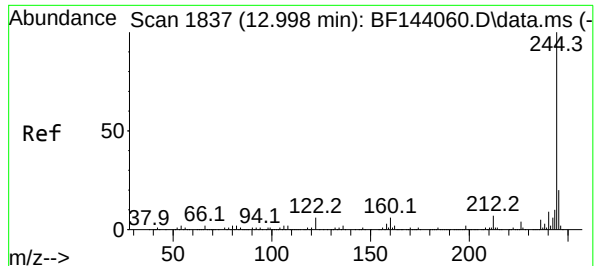
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 39.189 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144059.D

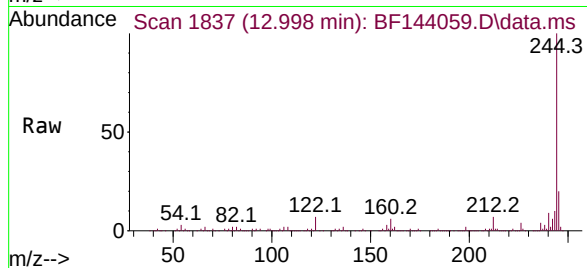
Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



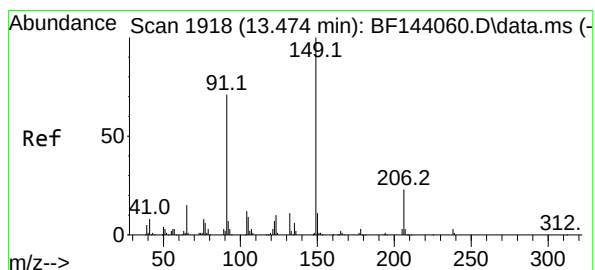
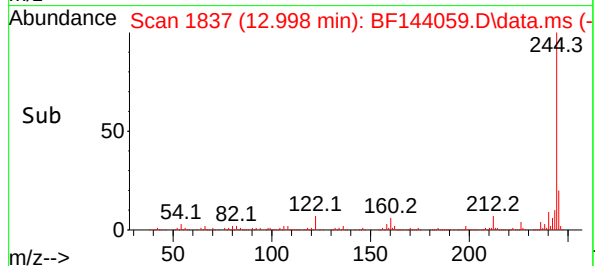
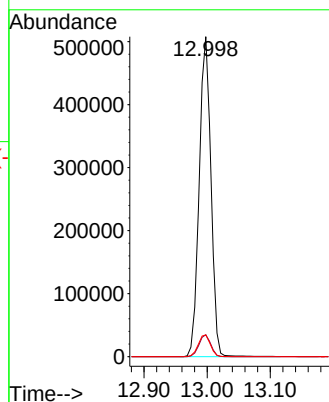
Tgt Ion:244 Resp: 655393

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.8 4.9 7.3



#80

Butylbenzylphthalate

Concen: 20.827 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

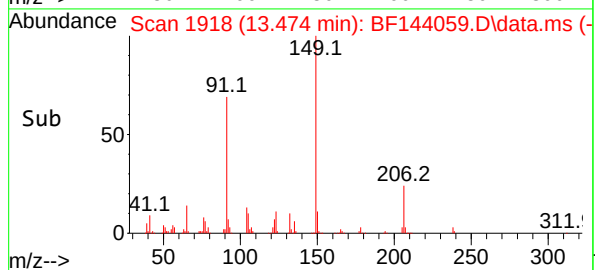
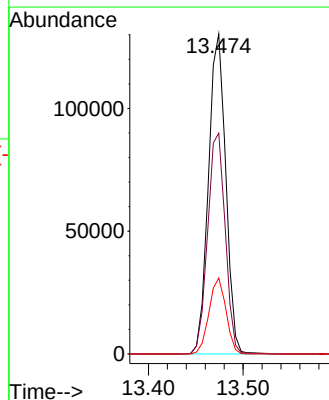
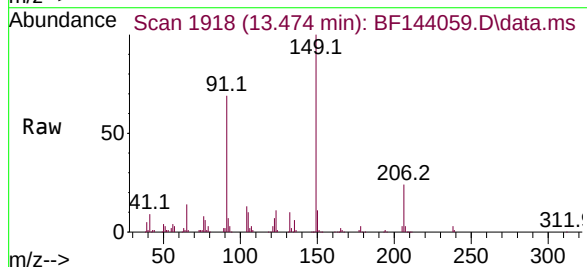
Tgt Ion:149 Resp: 165613

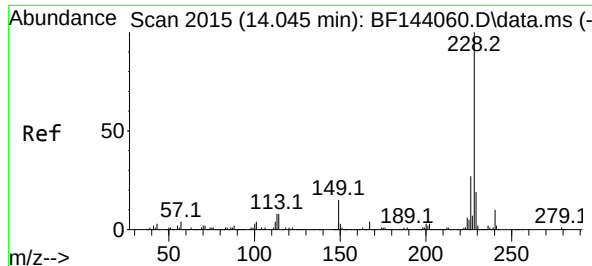
Ion Ratio Lower Upper

149 100

91 69.0 56.6 84.8

206 23.7 18.3 27.5

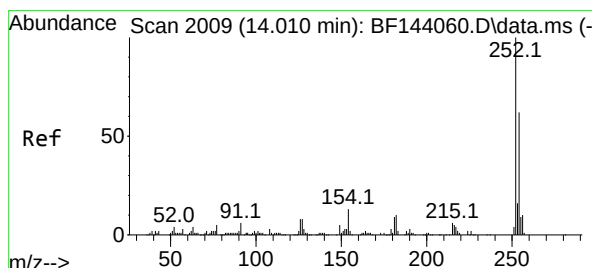
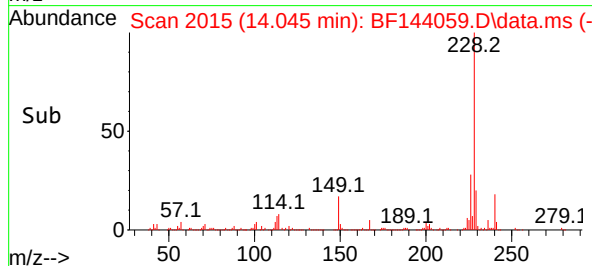
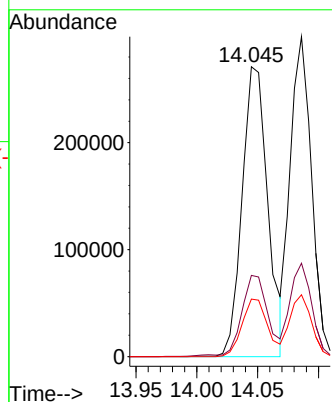
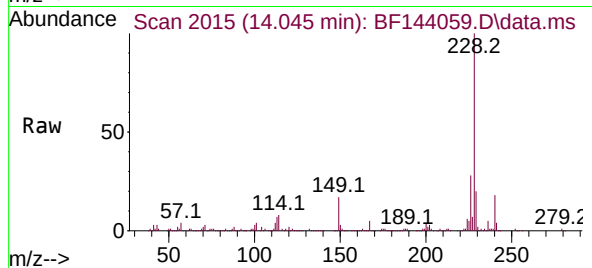




#81  
Benzo(a)anthracene  
Concen: 20.114 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

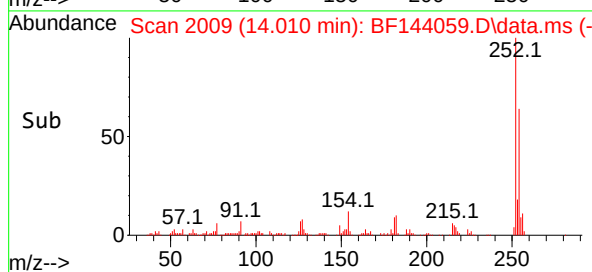
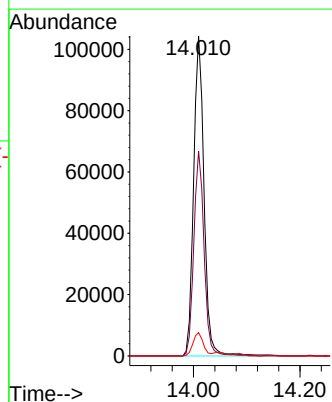
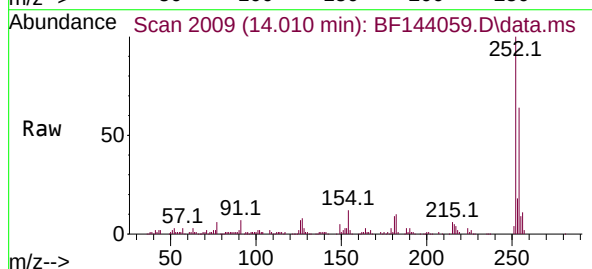
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:228 Resp: 397414  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.4 32.2  
229 19.9 15.3 22.9

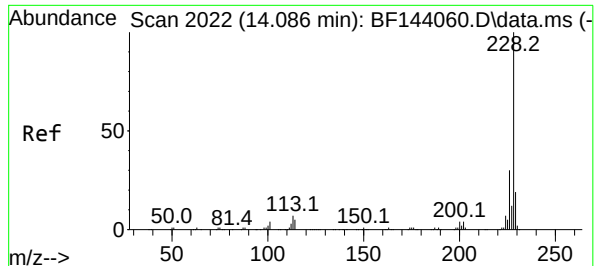


#82  
3,3'-Dichlorobenzidine  
Concen: 20.599 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:252 Resp: 141681  
Ion Ratio Lower Upper  
252 100  
254 64.0 49.9 74.9  
126 7.3 6.5 9.7







#83

Chrysene

Concen: 19.753 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

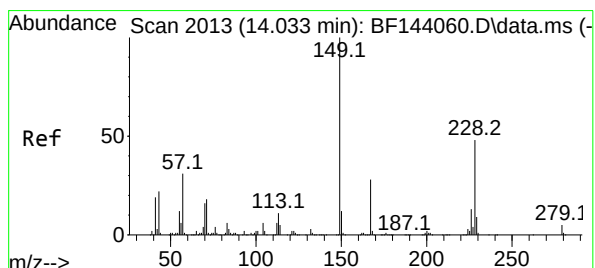
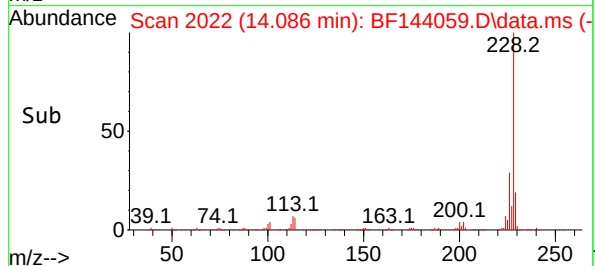
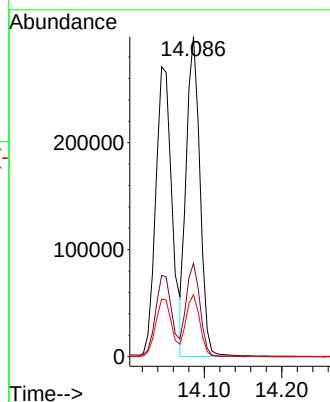
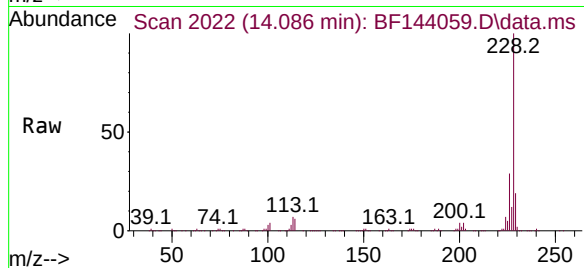
Tgt Ion:228 Resp: 366241

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.491 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

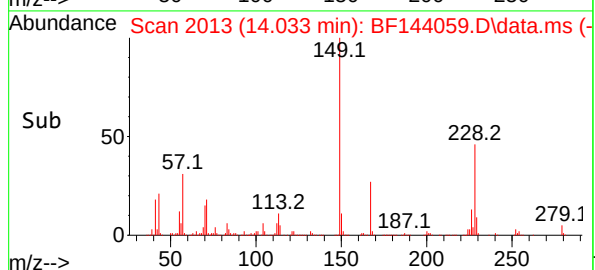
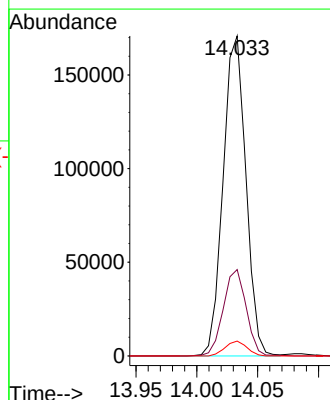
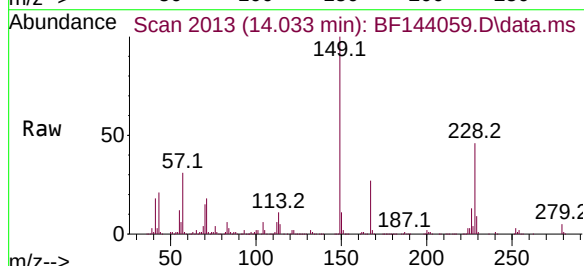
Tgt Ion:149 Resp: 222446

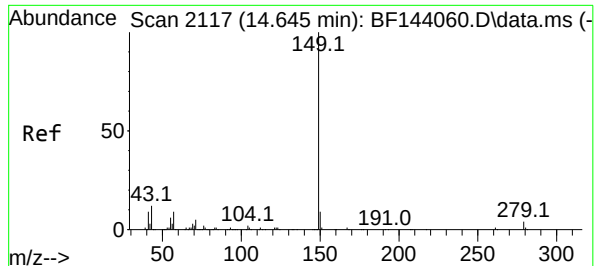
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.6 3.6 5.4

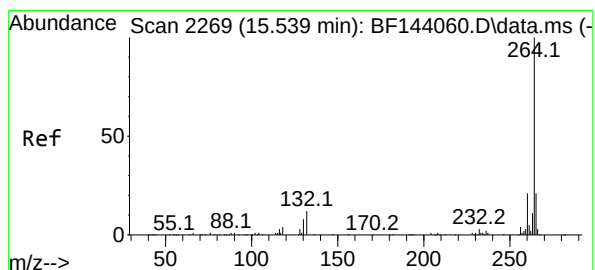
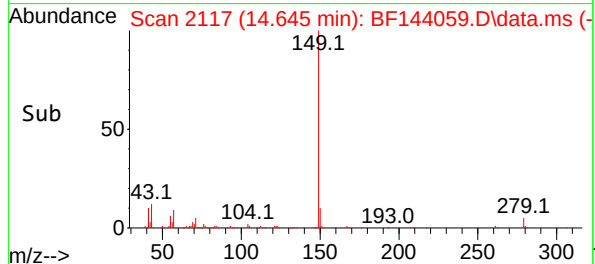
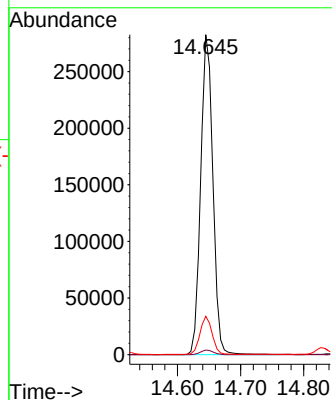
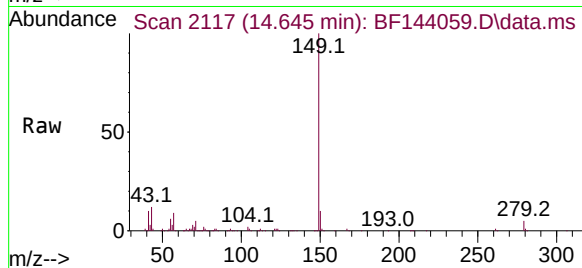




#85  
Di-n-octyl phthalate  
Concen: 20.284 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

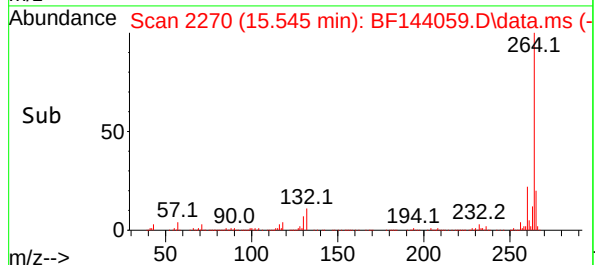
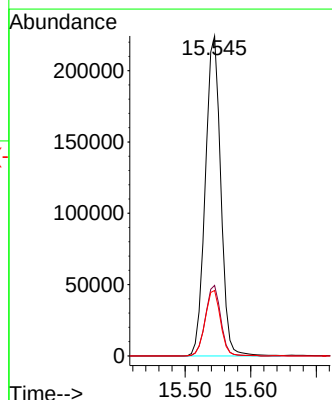
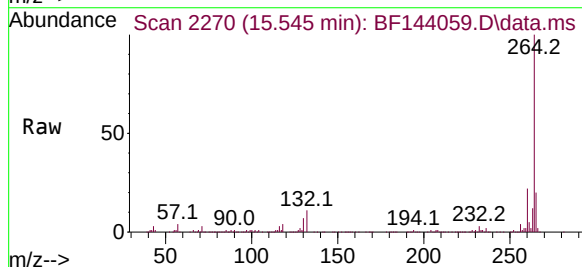
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

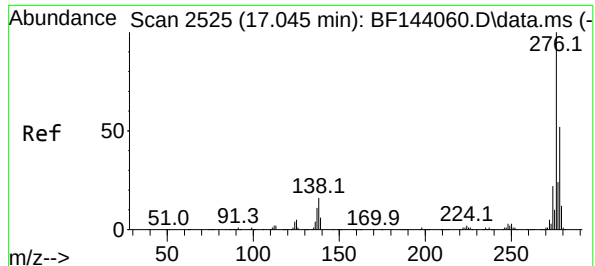
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 12.2  | 9.3   | 13.9  |



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.0  | 17.0  | 25.4  |
| 265     | 20.4  | 16.6  | 24.8  |





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.307 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

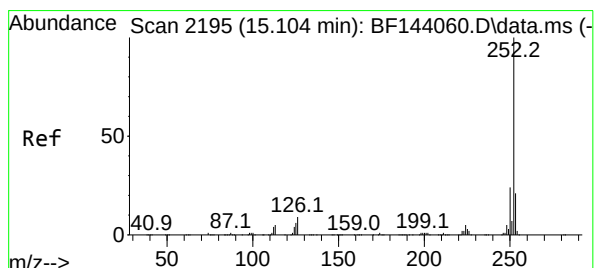
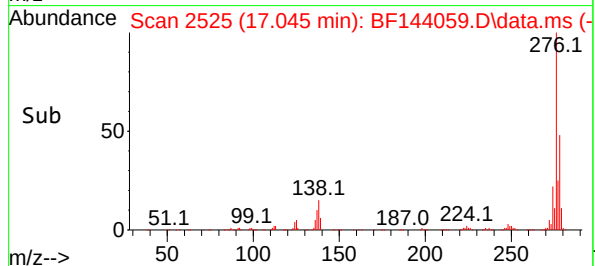
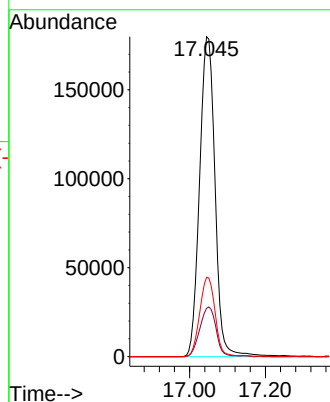
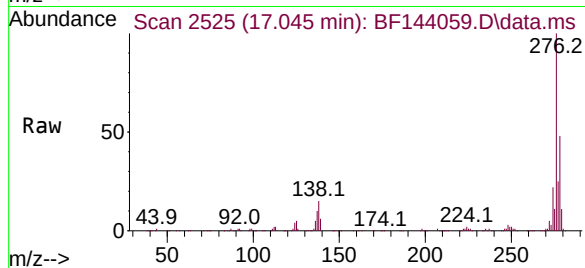
Tgt Ion:276 Resp: 507947

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.5 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 20.396 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

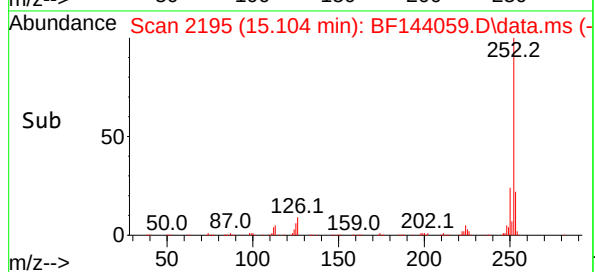
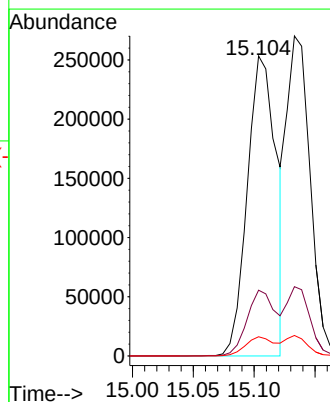
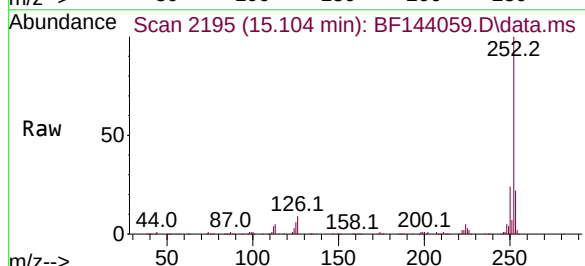
Tgt Ion:252 Resp: 420103

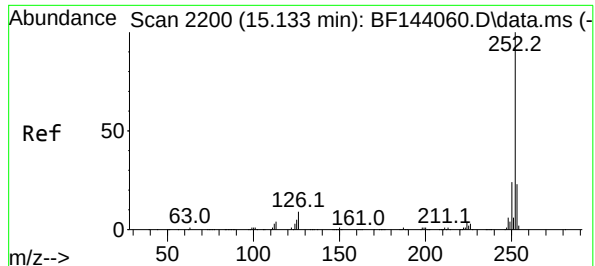
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.4 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 19.372 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

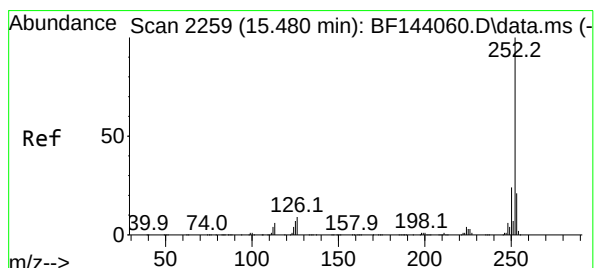
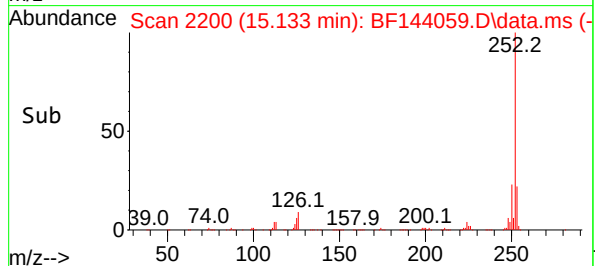
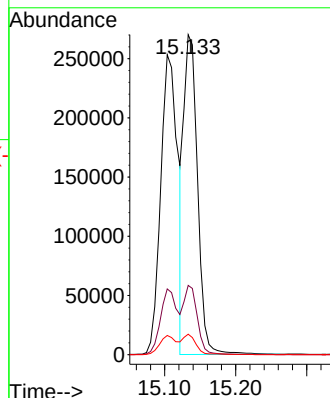
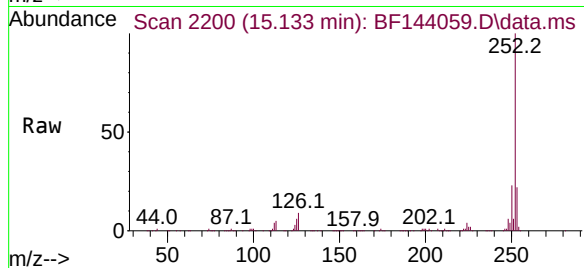
Tgt Ion:252 Resp: 368139

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 20.423 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

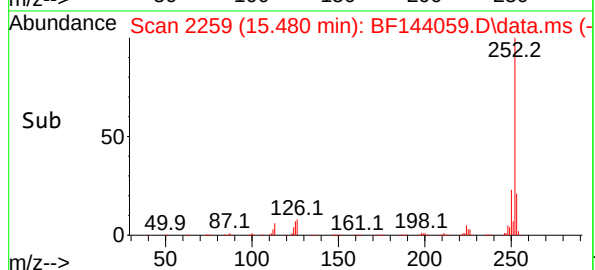
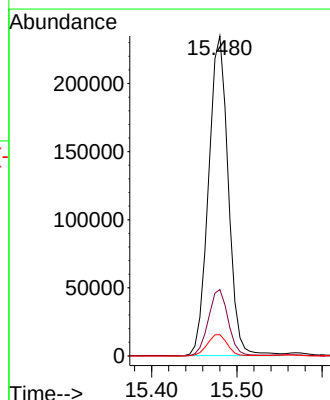
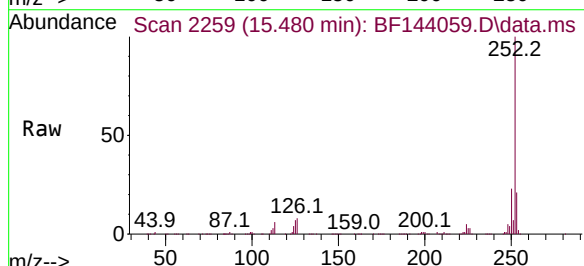
Tgt Ion:252 Resp: 377387

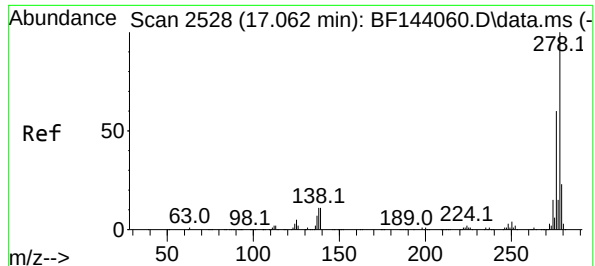
Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

125 6.6 5.4 8.2

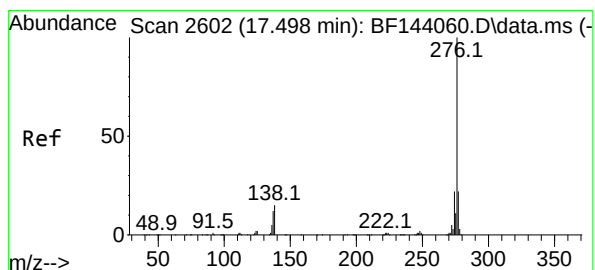
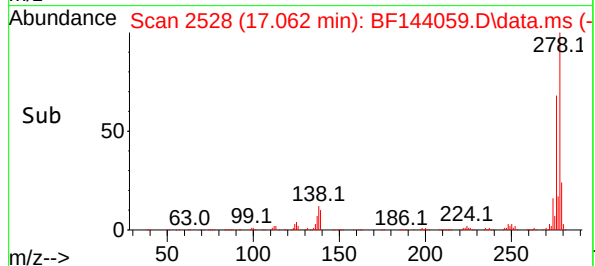
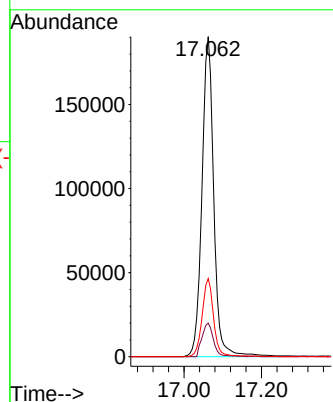
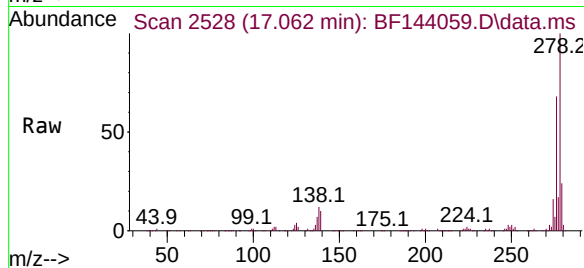




#91  
Dibenzo(a,h)anthracene  
Concen: 20.364 ng  
RT: 17.062 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

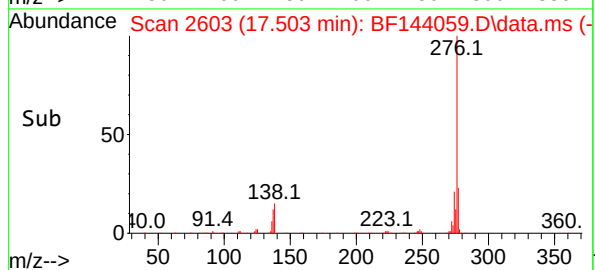
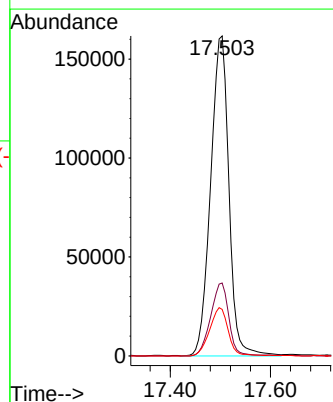
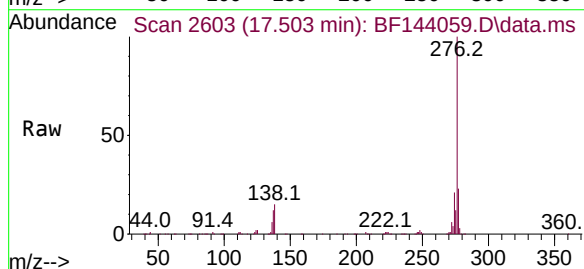
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:278 Resp: 403214  
Ion Ratio Lower Upper  
278 100  
139 10.5 8.5 12.7  
279 24.4 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 20.563 ng  
RT: 17.503 min Scan# 2603  
Delta R.T. 0.006 min  
Lab File: BF144059.D  
Acq: 24 Oct 2025 12:36

Tgt Ion:276 Resp: 409358  
Ion Ratio Lower Upper  
276 100  
277 22.8 17.9 26.9  
138 14.6 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144060.D  
 Acq On : 24 Oct 2025 13:05  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Oct 24 17:03:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 49457    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 178191   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 91554    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 159613   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 123616   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 152855   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 257786   | 82.465 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 278572   | 80.690 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 262114   | 80.590 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 95908    | 82.238 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 531491   | 81.692 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 599175   | 84.737 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 54397    | 40.269 | ng    | 100      |
| 3) Pyridine                   | 3.398  | 79   | 151037   | 41.765 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 90217    | 40.599 | ng    | 100      |
| 6) Aniline                    | 6.539  | 93   | 199395   | 40.371 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.663  | 128  | 123726   | 40.190 | ng    | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 103170   | 38.490 | ng    | 100      |
| 10) Phenol                    | 6.522  | 94   | 171675   | 40.307 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 123456   | 40.113 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 154816   | 40.768 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 153441   | 41.000 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 146404   | 40.430 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.016  | 79   | 113241   | 40.340 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 235025   | 40.632 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 92050    | 38.877 | ng    | 100      |
| 18) Hexachloroethane          | 7.392  | 117  | 53836    | 40.236 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 86672    | 38.823 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 115474   | 41.255 | ng    | 100      |
| 22) Acetophenone              | 7.286  | 105  | 155572   | 40.399 | ng    | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 139675   | 40.596 | ng    | 100      |
| 25) Isophorone                | 7.698  | 82   | 229089   | 40.288 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 68074    | 41.591 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 102275   | 42.049 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 144080   | 40.631 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 115057   | 40.677 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 119224   | 40.971 | ng    | 100      |
| 31) Naphthalene               | 8.186  | 128  | 344062   | 40.910 | ng    | 100      |
| 32) Benzoic acid              | 7.916  | 122  | 51883    | 33.628 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.233  | 127  | 119889   | 40.949 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 96082    | 40.380 | ng    | 100      |
| 35) Caprolactam               | 8.592  | 113  | 30206    | 42.585 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 100429   | 40.234 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 229345   | 41.362 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 210460   | 40.062 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 129417   | 41.130 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 39857    | 41.012 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 86607    | 42.346 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144060.D  
 Acq On : 24 Oct 2025 13:05  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Oct 24 17:03:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

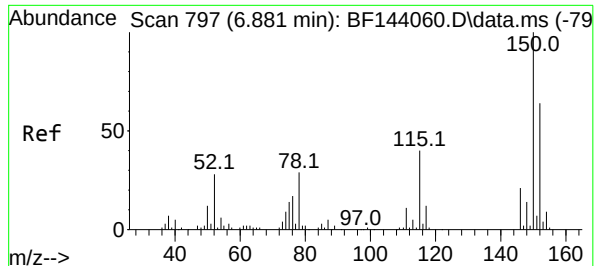
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 85520    | 39.842 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 269550   | 41.129 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 223762   | 40.753 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.457  | 65   | 69638    | 42.711 | ng    | 100      |
| 49) Acenaphthylene            | 9.780  | 152  | 311770   | 42.112 | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 250045   | 41.666 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 50463    | 42.535 | ng    | 100      |
| 52) Acenaphthene              | 9.951  | 154  | 203905   | 41.240 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.869  | 138  | 58978    | 44.713 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 22640    | 35.283 | ng    | 100      |
| 55) Dibenzofuran              | 10.122 | 168  | 285490   | 41.592 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.027 | 139  | 34191    | 38.279 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 70572    | 44.075 | ng    | 100      |
| 58) Fluorene                  | 10.469 | 166  | 217594   | 41.604 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 65926    | 43.585 | ng    | 100      |
| 60) Diethylphthalate          | 10.339 | 149  | 236119   | 41.838 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 123596   | 42.022 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.480 | 138  | 54231    | 43.392 | ng    | 100      |
| 63) Azobenzene                | 10.622 | 77   | 226383   | 42.381 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 39142    | 38.223 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.574 | 169  | 205138   | 40.226 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 83105    | 41.585 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.016 | 284  | 102619   | 41.869 | ng    | 100      |
| 69) Atrazine                  | 11.104 | 200  | 66524    | 39.753 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 47778    | 40.953 | ng    | 100      |
| 71) Phenanthrene              | 11.433 | 178  | 324774   | 40.961 | ng    | 100      |
| 72) Anthracene                | 11.486 | 178  | 336252   | 41.053 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 289029   | 41.458 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 357025   | 41.770 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 358431   | 40.917 | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 164527   | 42.766 | ng    | 100      |
| 78) Pyrene                    | 12.857 | 202  | 375923   | 42.300 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 148621   | 44.204 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 374791   | 44.863 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 126028   | 43.337 | ng    | 100      |
| 83) Chrysene                  | 14.086 | 228  | 326041   | 41.590 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 196471   | 42.805 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 345760   | 43.804 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 451467   | 43.020 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 386268   | 44.700 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 323867   | 40.621 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 332791   | 42.927 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 356487   | 42.914 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 365458   | 43.758 | ng    | 100      |

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

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICCC040

[illegible]

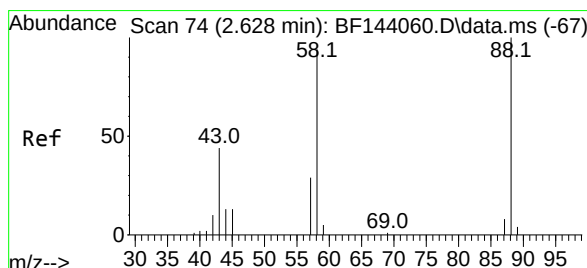
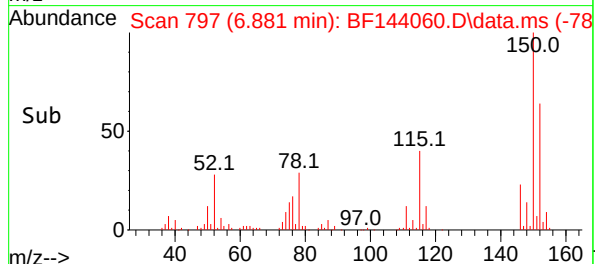
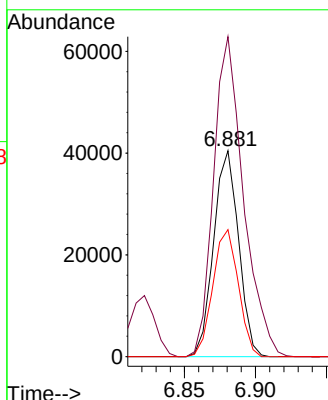
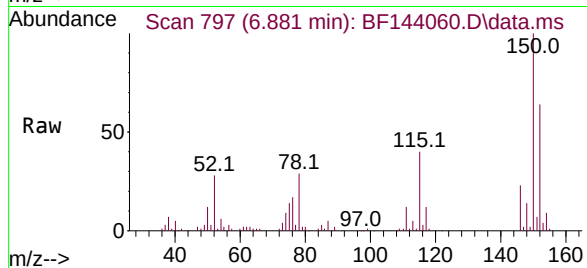




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

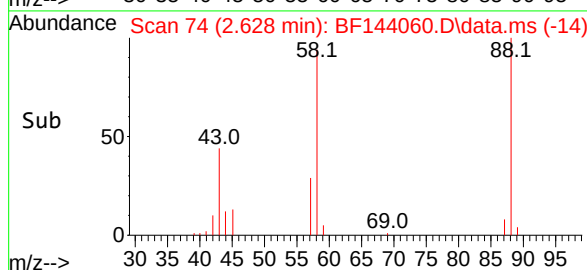
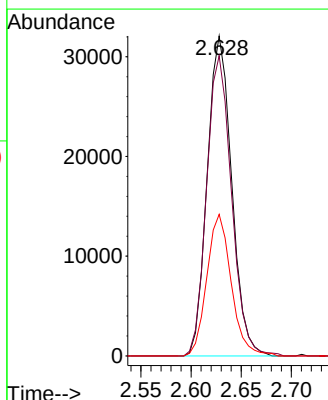
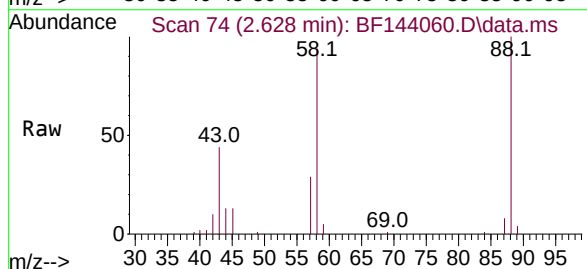
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

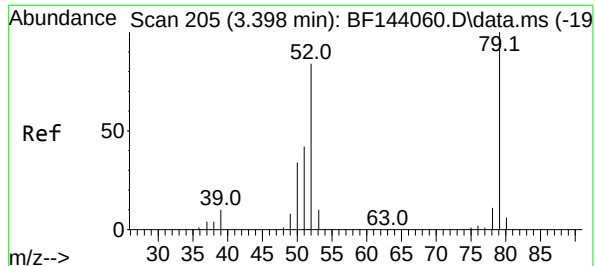
Tgt Ion:152 Resp: 49457  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.4 186.6  
115 61.7 49.4 74.0



#2  
1,4-Dioxane  
Concen: 40.269 ng  
RT: 2.628 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion: 88 Resp: 54397  
Ion Ratio Lower Upper  
88 100  
58 95.6 76.5 114.7  
43 44.1 35.3 52.9





#3

Pyridine

Concen: 41.765 ng

RT: 3.398 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

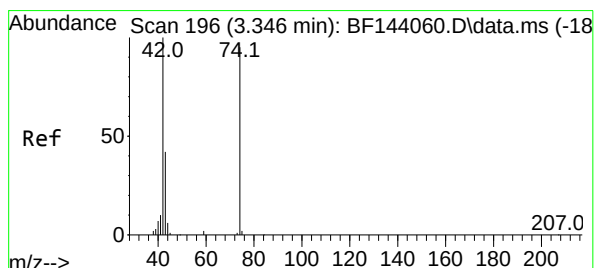
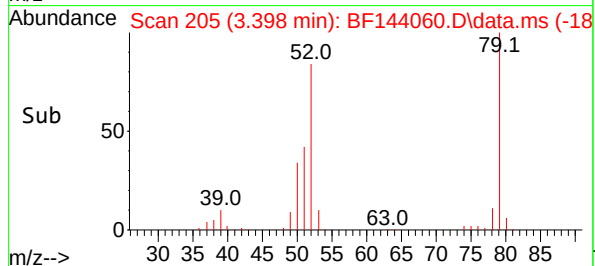
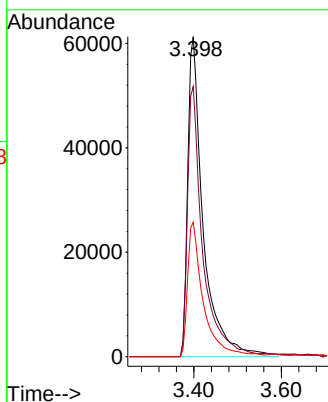
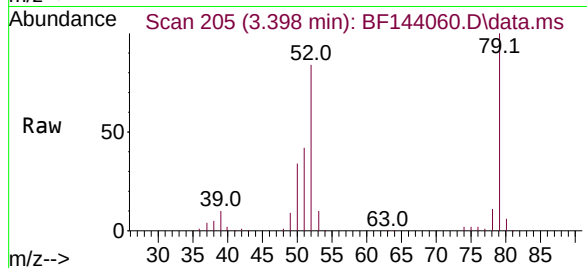
Tgt Ion: 79 Resp: 151037

Ion Ratio Lower Upper

79 100

52 84.4 67.5 101.3

51 42.0 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 40.599 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

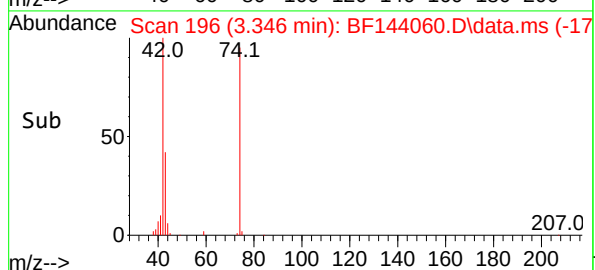
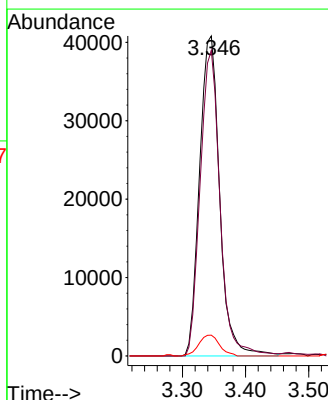
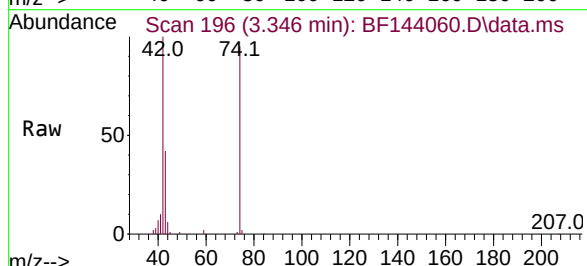
Tgt Ion: 42 Resp: 90217

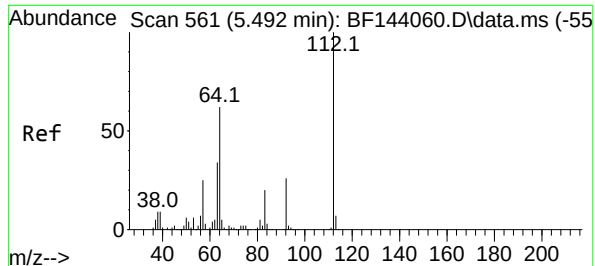
Ion Ratio Lower Upper

42 100

74 95.5 76.4 114.6

44 6.5 5.2 7.8

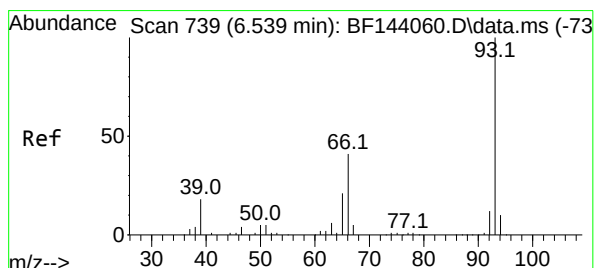
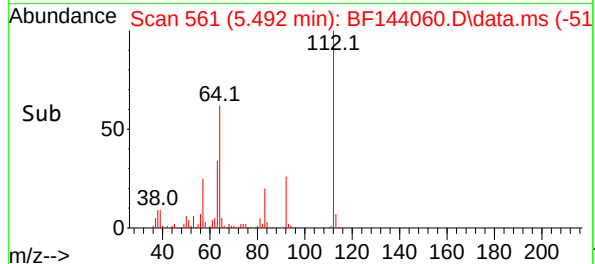
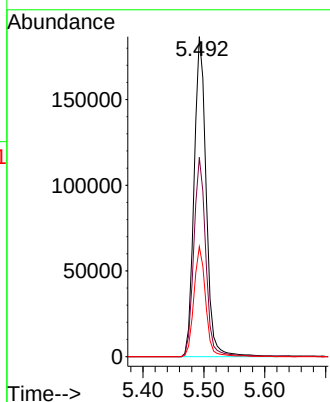
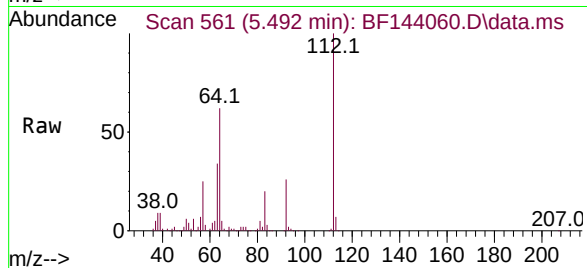




#5  
2-Fluorophenol  
Concen: 82.465 ng  
RT: 5.492 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

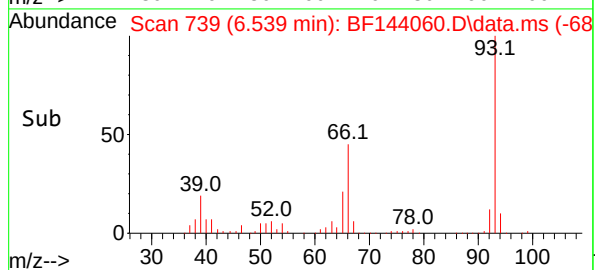
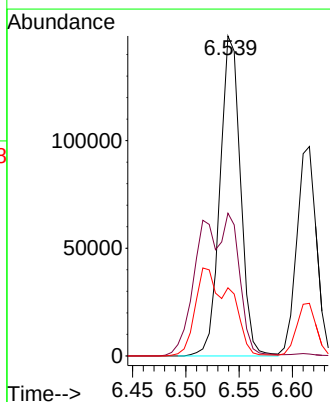
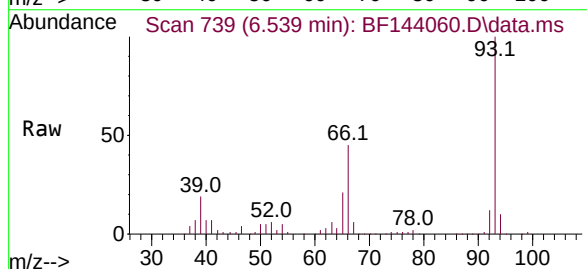
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

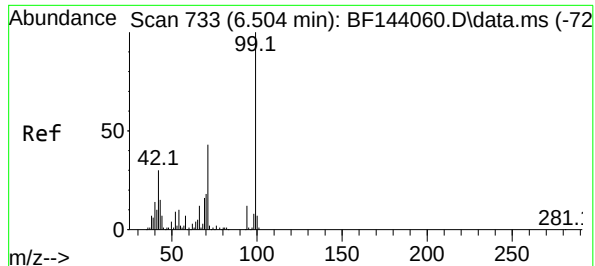
Tgt Ion:112 Resp: 257786  
Ion Ratio Lower Upper  
112 100  
64 62.3 49.8 74.8  
63 34.3 27.4 41.2



#6  
Aniline  
Concen: 40.371 ng  
RT: 6.539 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion: 93 Resp: 199395  
Ion Ratio Lower Upper  
93 100  
66 44.6 35.7 53.5  
65 21.3 17.0 25.6





#7

Phenol-d6

Concen: 80.690 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

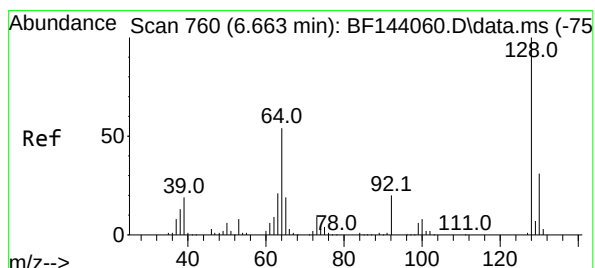
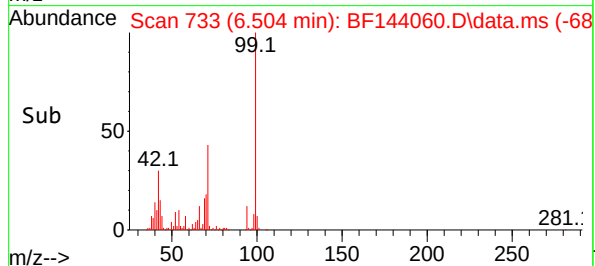
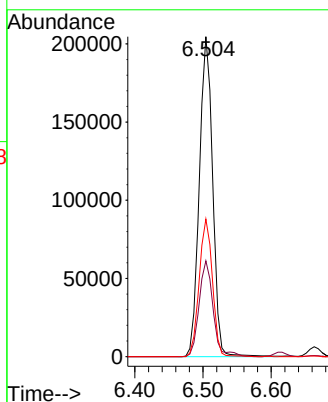
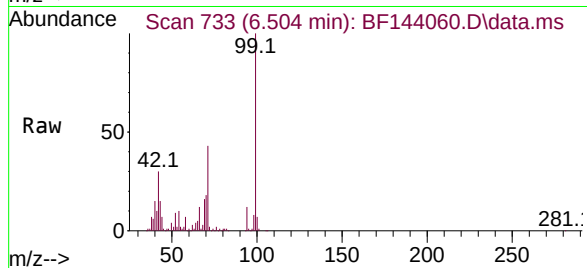
Tgt Ion: 99 Resp: 278572

Ion Ratio Lower Upper

99 100

42 29.9 23.9 35.9

71 43.0 34.4 51.6



#8

2-Chlorophenol

Concen: 40.190 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

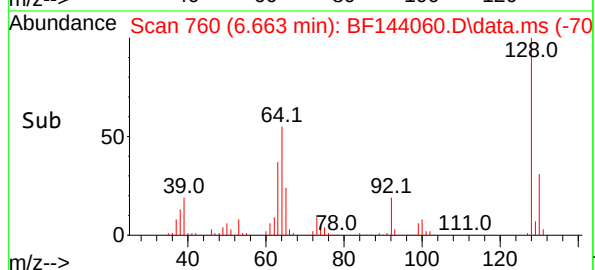
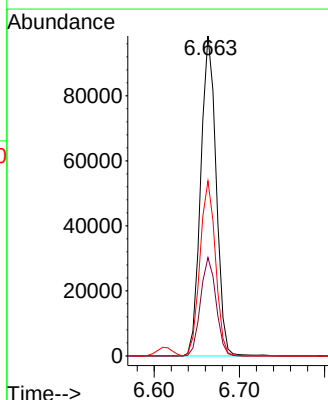
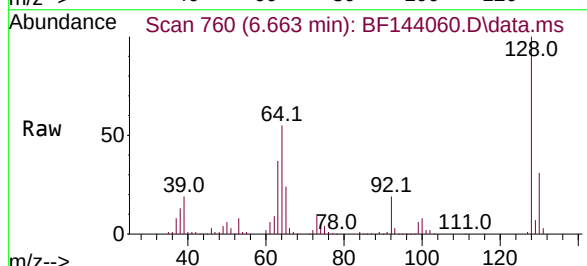
Tgt Ion: 128 Resp: 123726

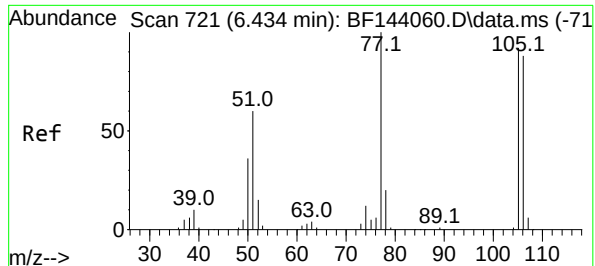
Ion Ratio Lower Upper

128 100

130 30.7 10.7 50.7

64 54.7 34.7 74.7





#9

Benzaldehyde

Concen: 38.490 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

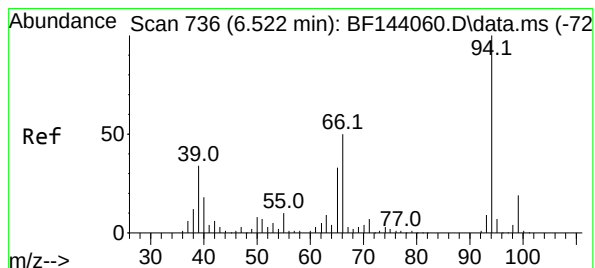
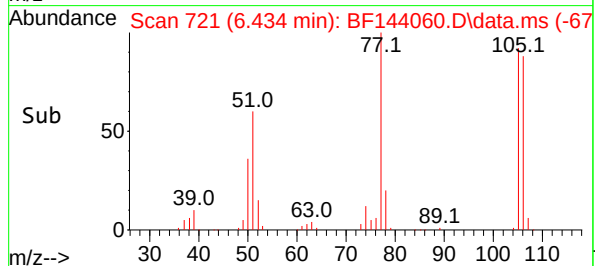
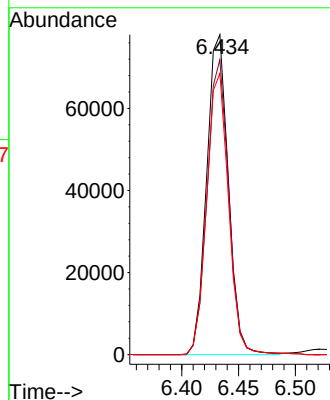
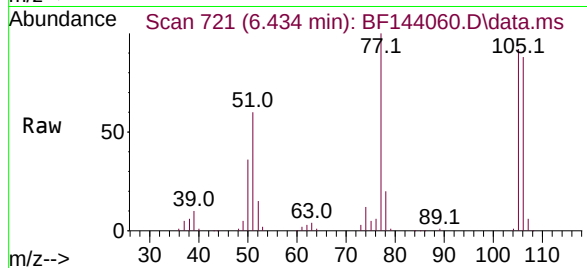
Tgt Ion: 77 Resp: 103170

Ion Ratio Lower Upper

77 100

105 92.2 72.2 112.2

106 87.9 67.9 107.9



#10

Phenol

Concen: 40.307 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

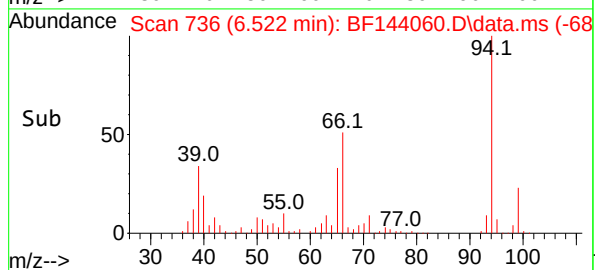
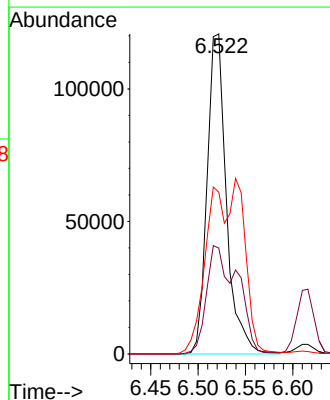
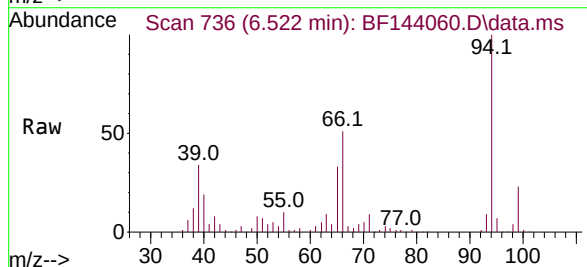
Tgt Ion: 94 Resp: 171675

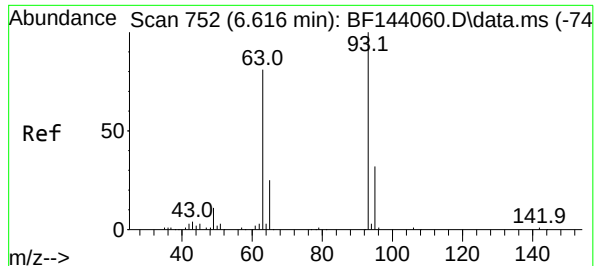
Ion Ratio Lower Upper

94 100

65 33.1 13.1 53.1

66 50.6 30.6 70.6

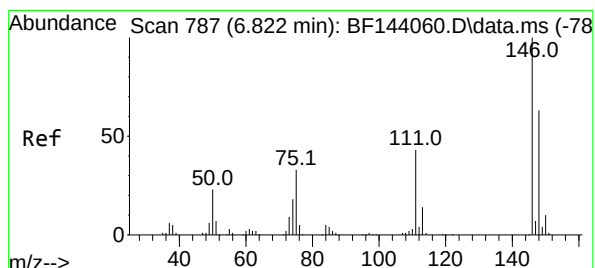
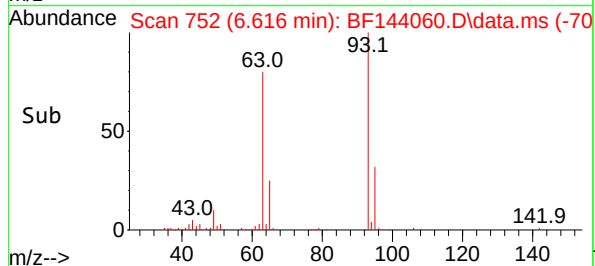
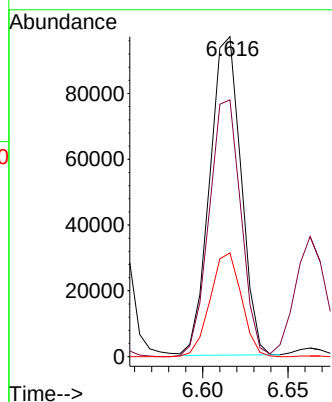
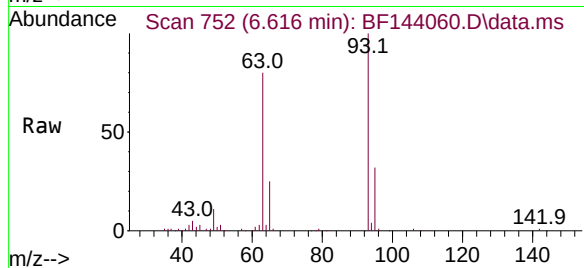




#11  
bis(2-Chloroethyl)ether  
Concen: 40.113 ng  
RT: 6.616 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

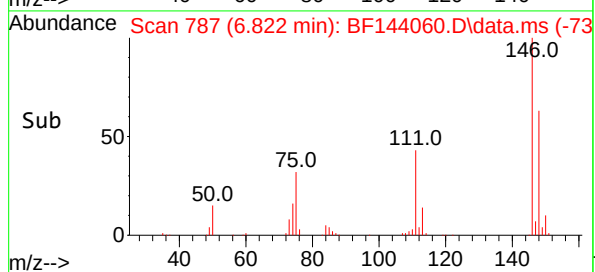
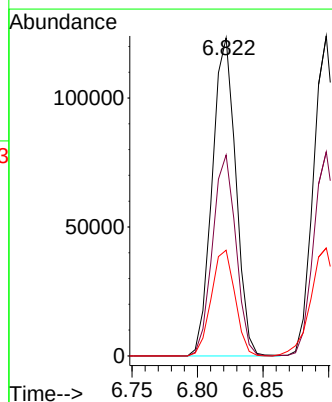
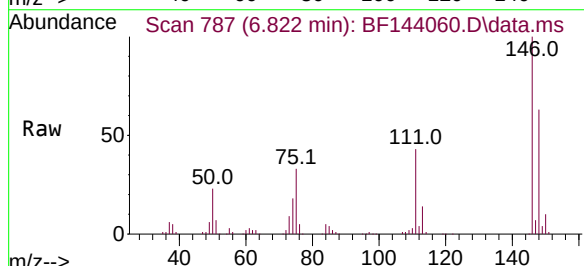
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

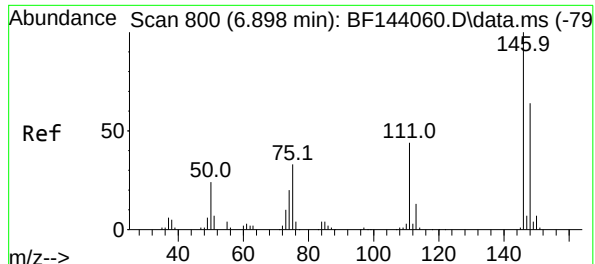
| Tgt Ion:  | 93    | Resp: | 123456 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 80.2  | 60.2  | 100.2  |
| 95        | 32.4  | 12.4  | 52.4   |



#12  
1,3-Dichlorobenzene  
Concen: 40.768 ng  
RT: 6.822 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

| Tgt Ion:  | 146   | Resp: | 154816 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 50.6  | 75.8   |
| 75        | 33.3  | 26.6  | 40.0   |





#13

1,4-Dichlorobenzene

Concen: 41.000 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

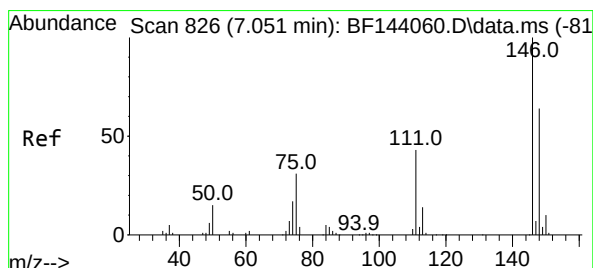
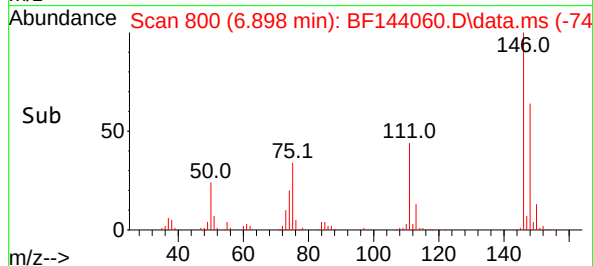
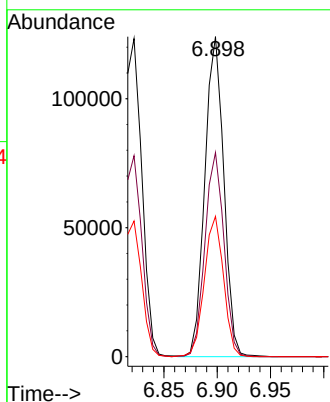
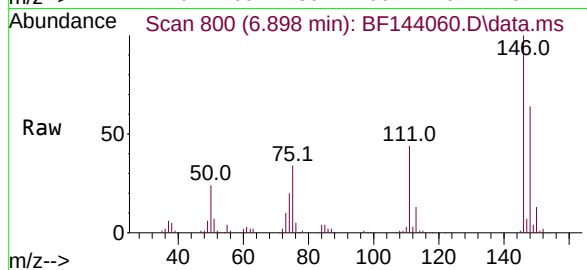
Tgt Ion:146 Resp: 153441

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.8 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 40.430 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

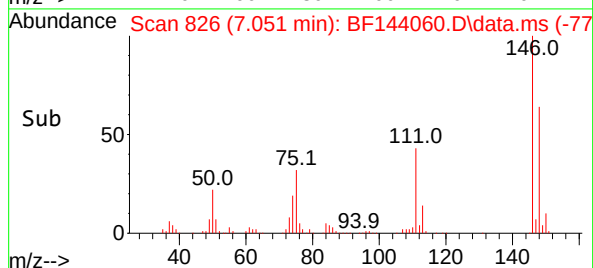
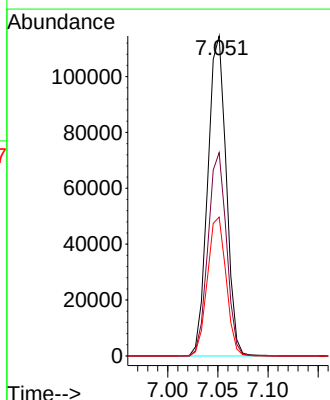
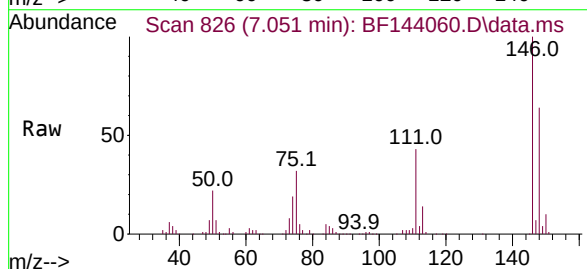
Tgt Ion:146 Resp: 146404

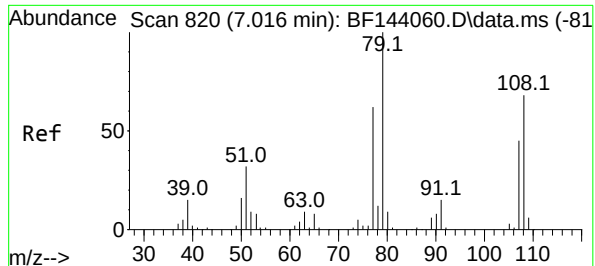
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 43.4 34.7 52.1





#15

Benzyl Alcohol

Concen: 40.340 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

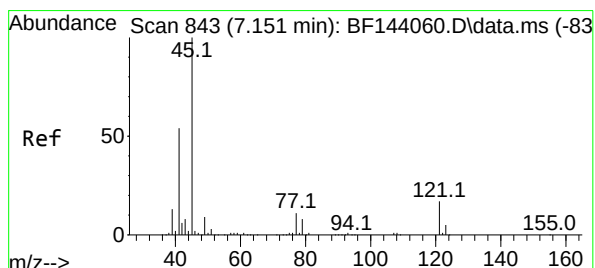
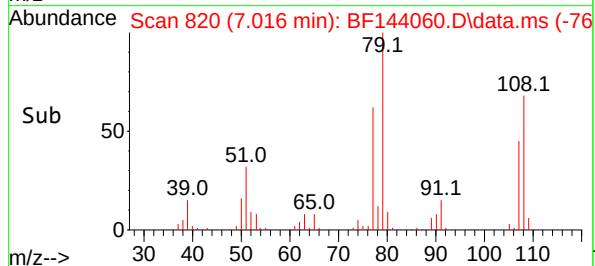
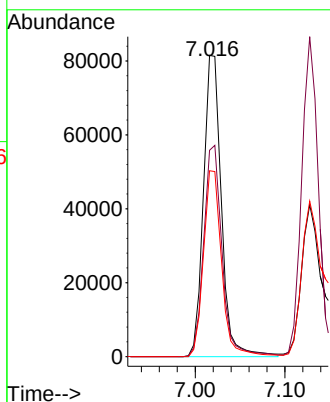
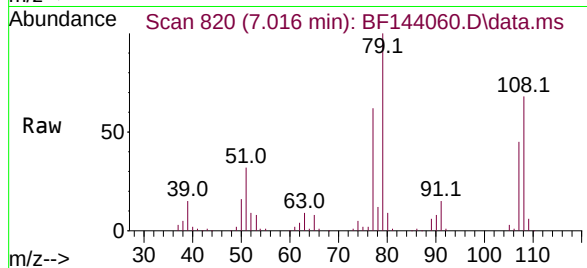
Tgt Ion: 79 Resp: 113241

Ion Ratio Lower Upper

79 100

108 68.5 54.8 82.2

77 61.7 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.632 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

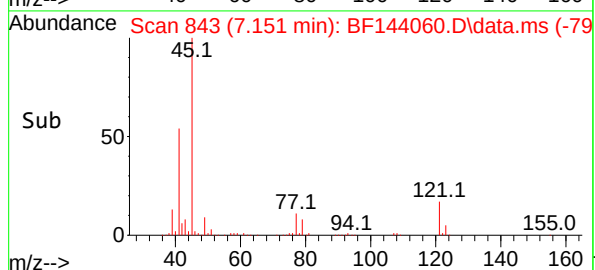
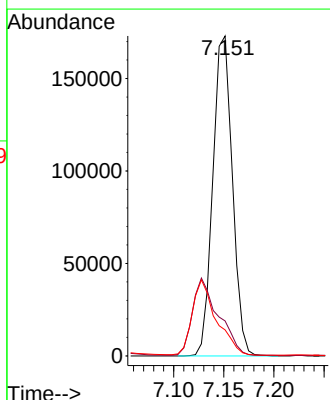
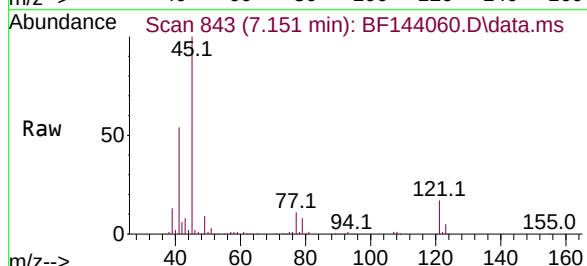
Tgt Ion: 45 Resp: 235025

Ion Ratio Lower Upper

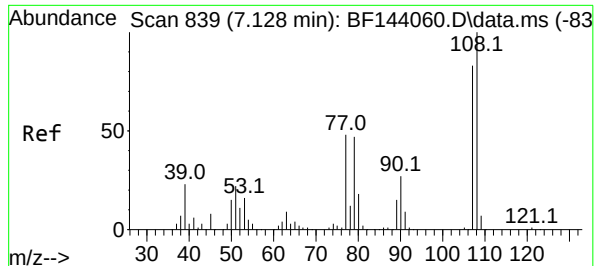
45 100

77 10.9 0.0 30.9

79 8.2 0.0 28.2







#17

2-Methylphenol

Concen: 38.877 ng

RT: 7.128 min Scan# 839

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 92050

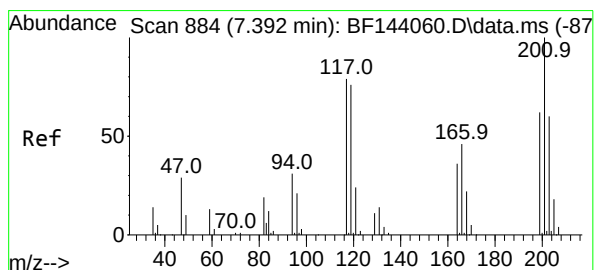
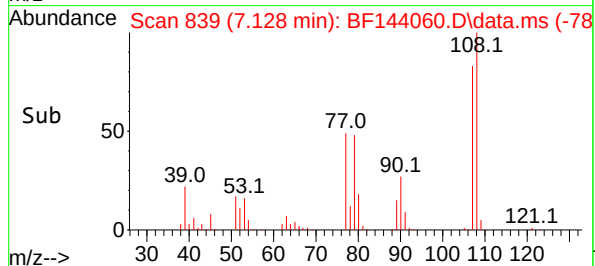
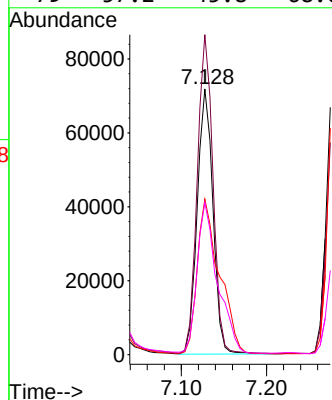
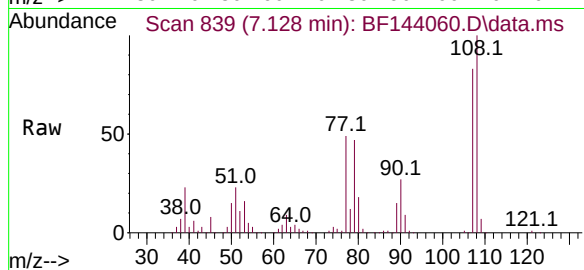
Ion Ratio Lower Upper

107 100

108 120.5 96.4 144.6

77 58.5 46.8 70.2

79 57.2 45.8 68.6



#18

Hexachloroethane

Concen: 40.236 ng

RT: 7.392 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

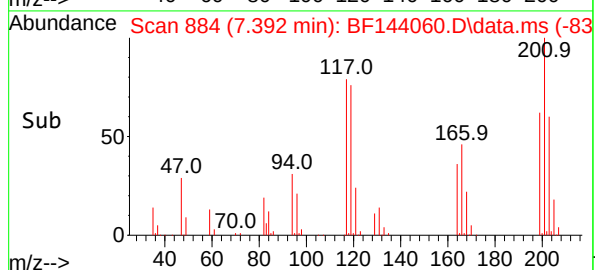
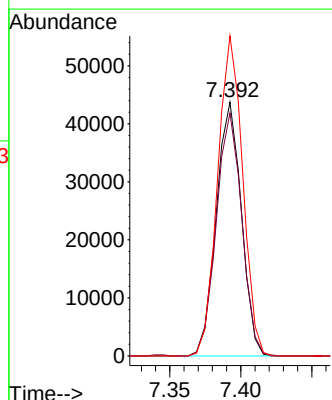
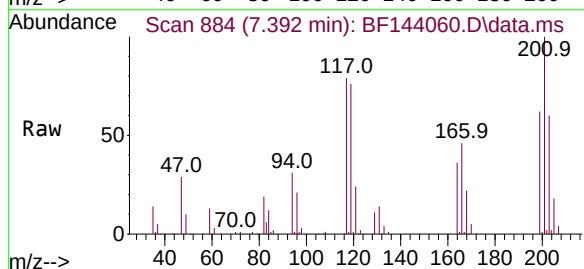
Tgt Ion:117 Resp: 53836

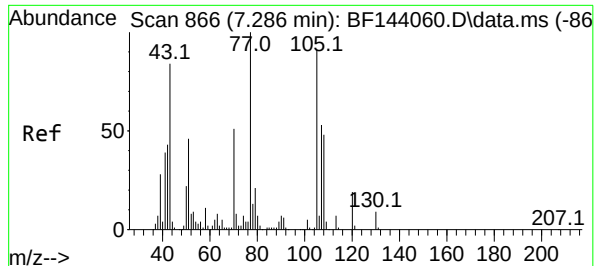
Ion Ratio Lower Upper

117 100

119 95.8 76.6 115.0

201 126.1 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 38.823 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 86672

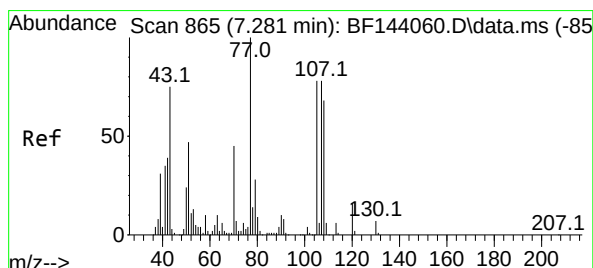
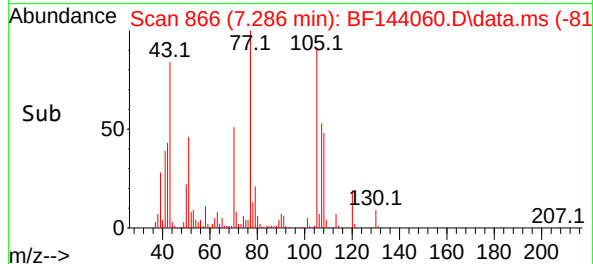
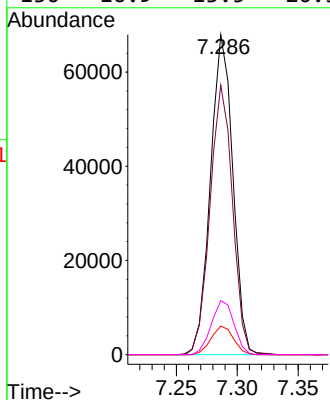
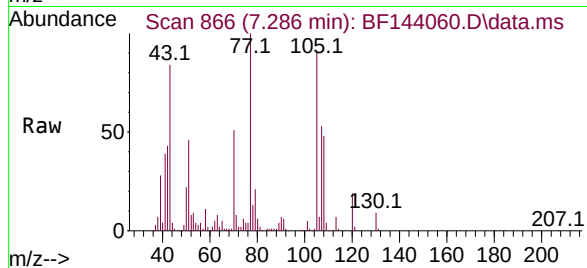
Ion Ratio Lower Upper

70 100

42 84.2 67.4 101.0

101 8.9 7.1 10.7

130 16.9 13.5 20.3



#20

3+4-Methylphenols

Concen: 41.255 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion: 107 Resp: 115474

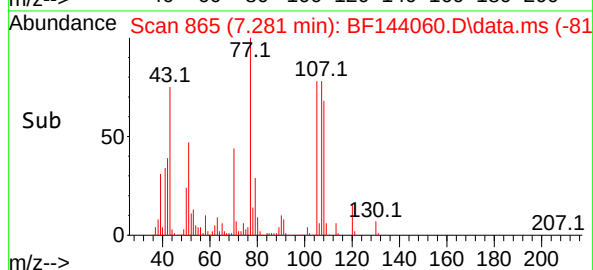
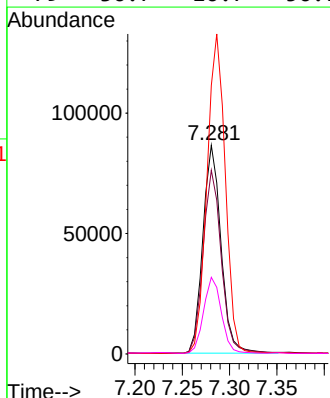
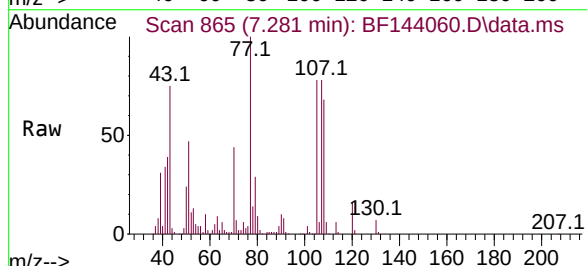
Ion Ratio Lower Upper

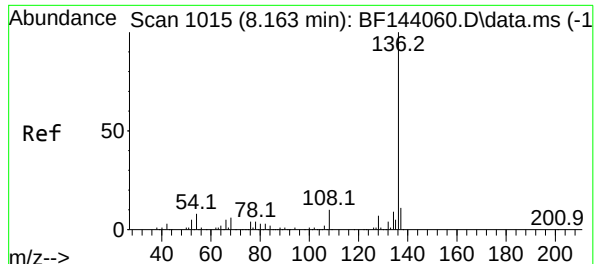
107 100

108 88.0 68.0 108.0

77 128.7 108.7 148.7

79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 178191

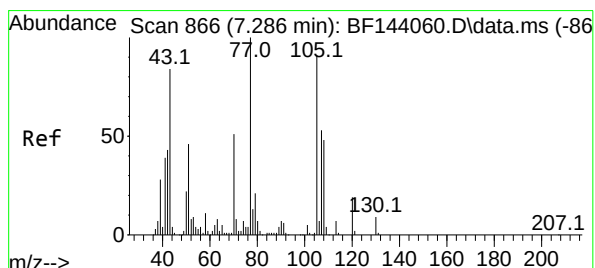
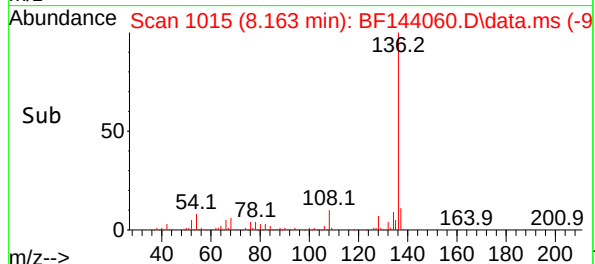
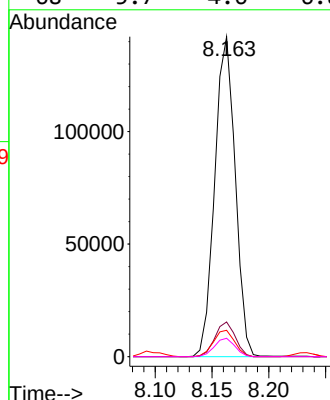
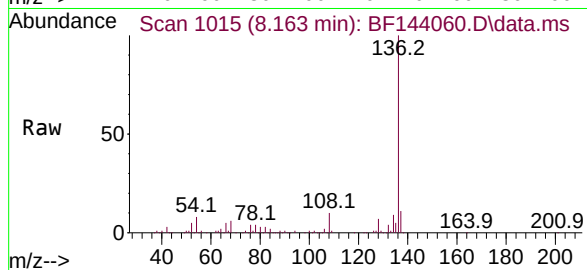
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.2 6.6 9.8

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 40.399 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:105 Resp: 155572

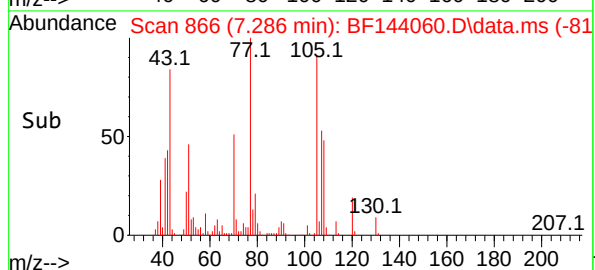
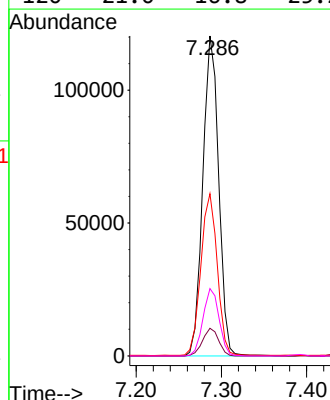
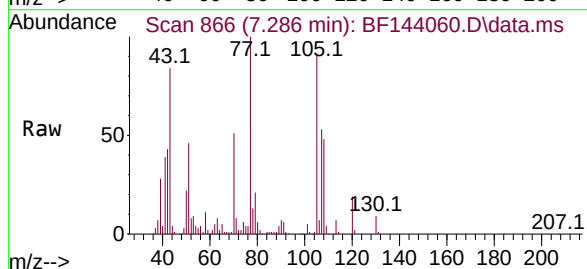
Ion Ratio Lower Upper

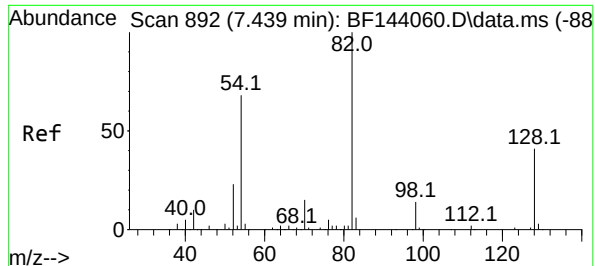
105 100

71 8.6 6.9 10.3

51 50.7 40.6 60.8

120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 80.590 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

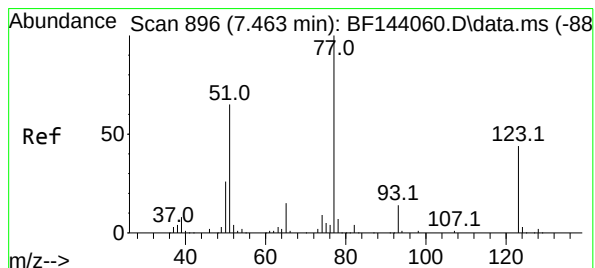
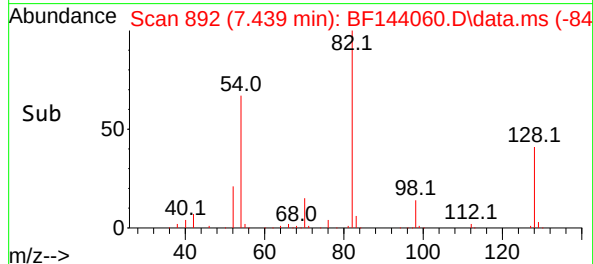
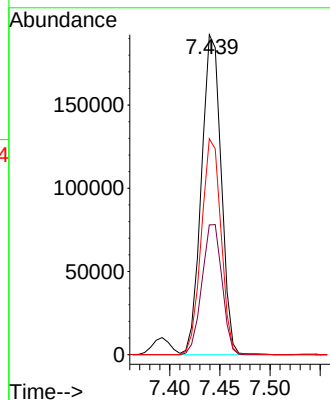
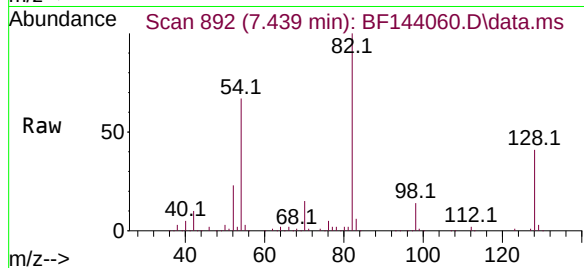
BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 262114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.5  | 32.4  | 48.6  |
| 54  | 67.5  | 54.0  | 81.0  |



#24

Nitrobenzene

Concen: 40.596 ng

RT: 7.463 min Scan# 896

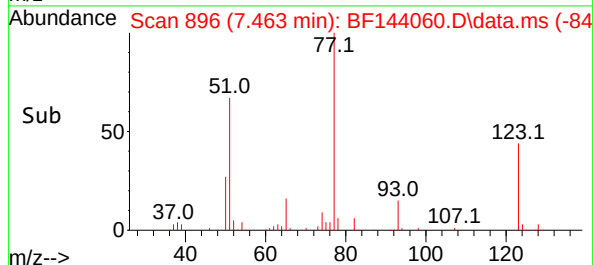
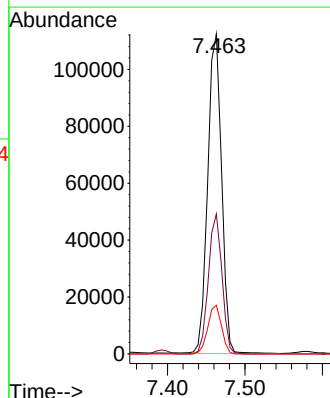
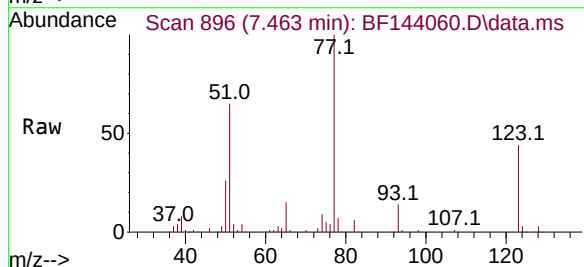
Delta R.T. 0.000 min

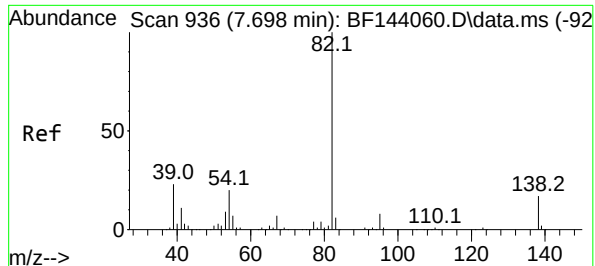
Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion: 77 Resp: 139675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 43.8  | 35.0  | 52.6  |
| 65  | 15.2  | 12.2  | 18.2  |





#25

Isophorone

Concen: 40.288 ng

RT: 7.698 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

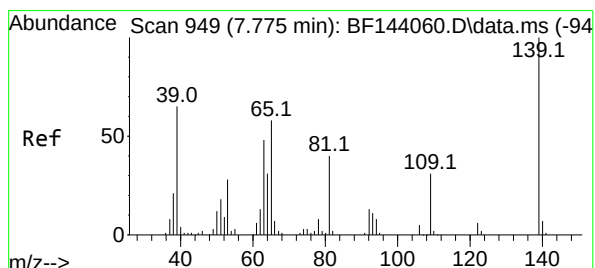
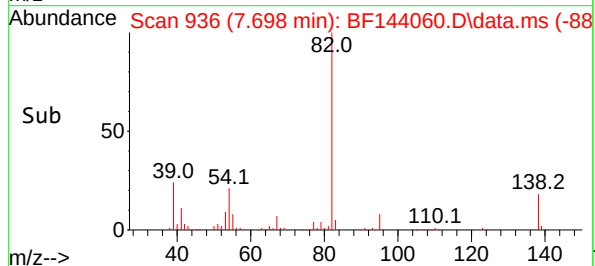
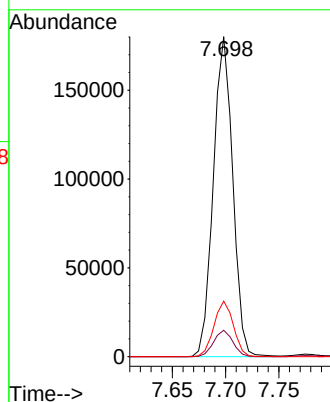
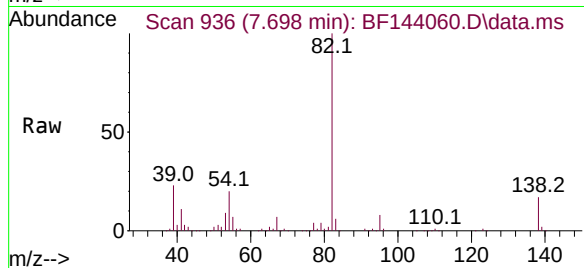
Tgt Ion: 82 Resp: 229089

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 41.591 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

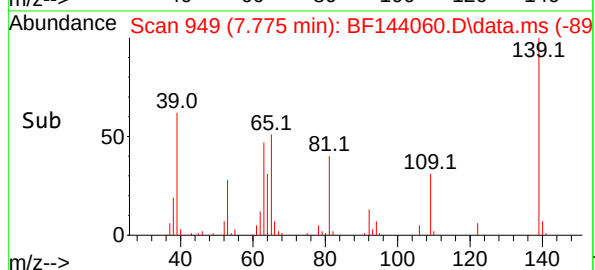
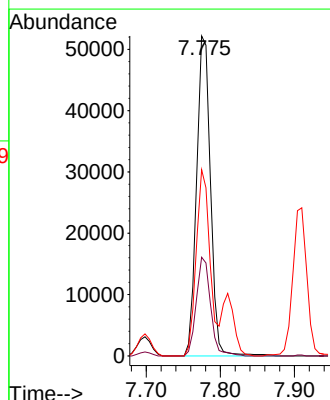
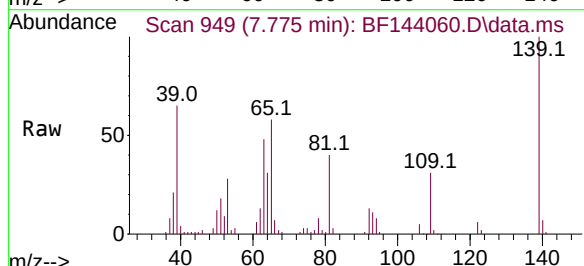
Tgt Ion: 139 Resp: 68074

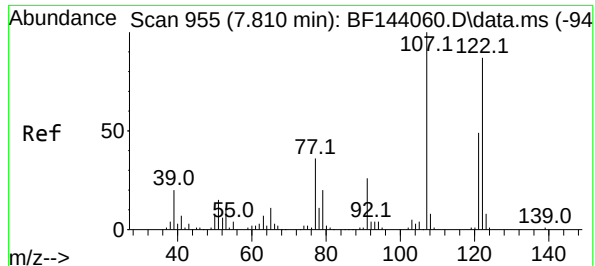
Ion Ratio Lower Upper

139 100

109 30.8 24.6 37.0

65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 42.049 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

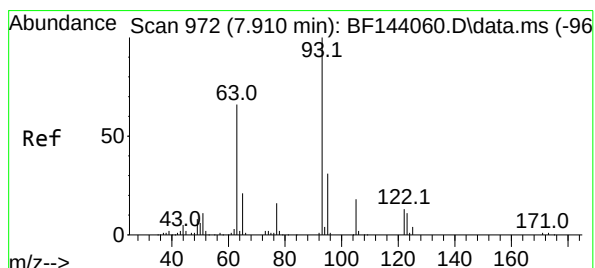
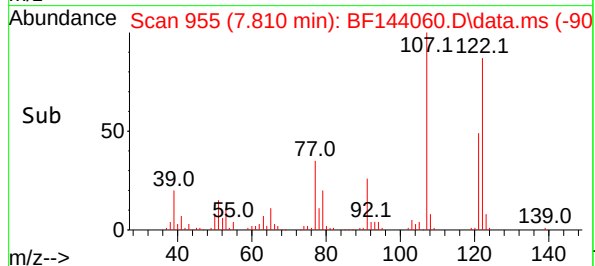
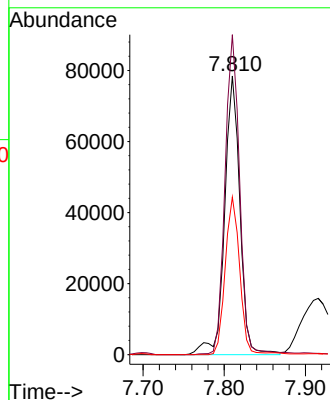
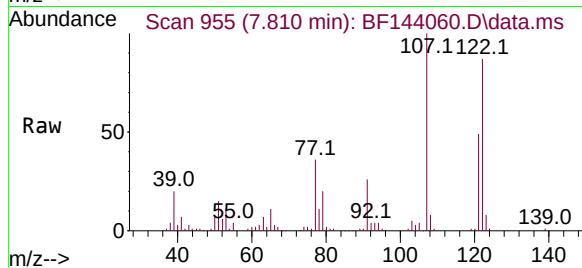
Tgt Ion:122 Resp: 102275

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.8

121 56.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.631 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

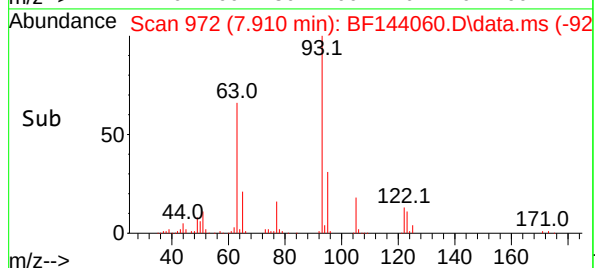
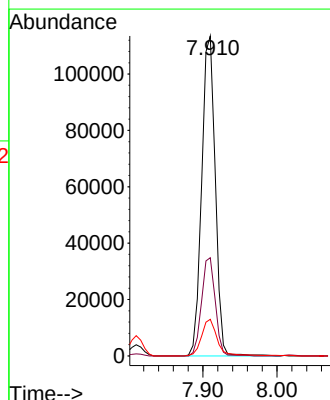
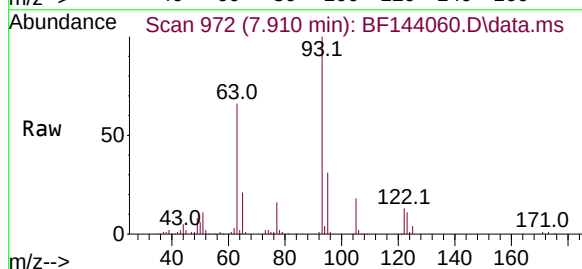
Tgt Ion: 93 Resp: 144080

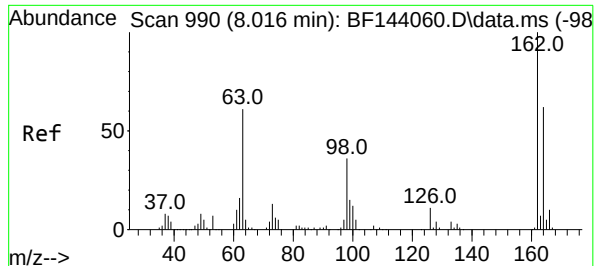
Ion Ratio Lower Upper

93 100

95 30.7 24.6 36.8

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.677 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

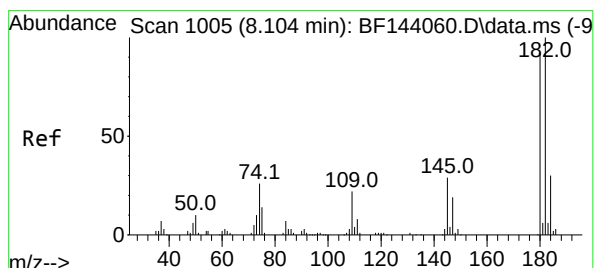
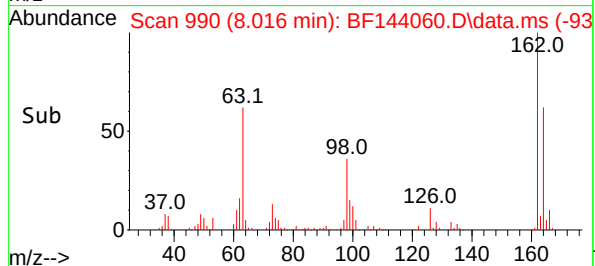
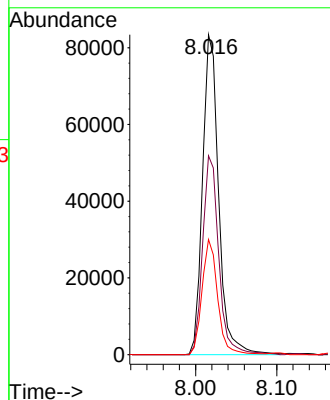
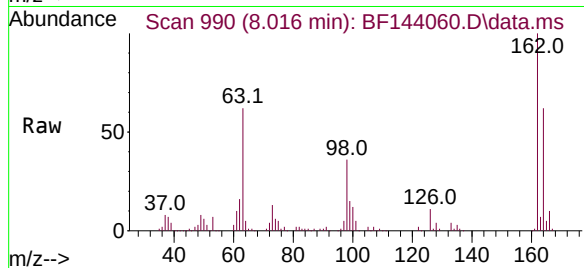
Tgt Ion:162 Resp: 115057

Ion Ratio Lower Upper

162 100

164 62.1 42.1 82.1

98 36.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 40.971 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

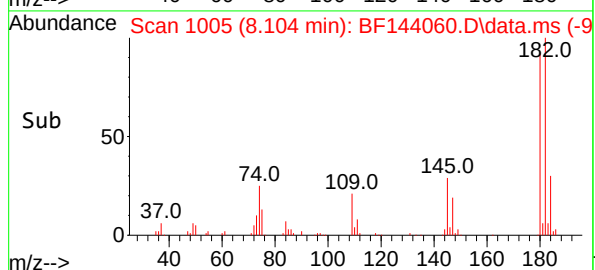
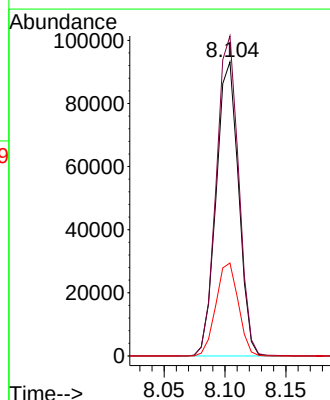
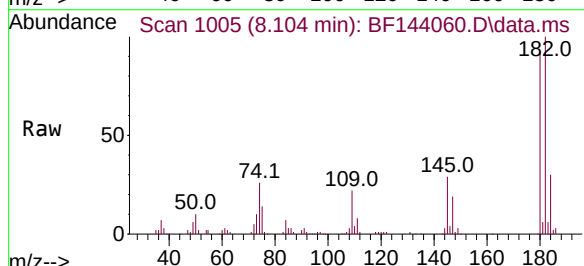
Tgt Ion:180 Resp: 119224

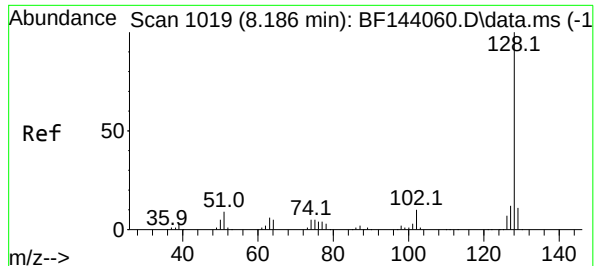
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 31.6 25.3 37.9

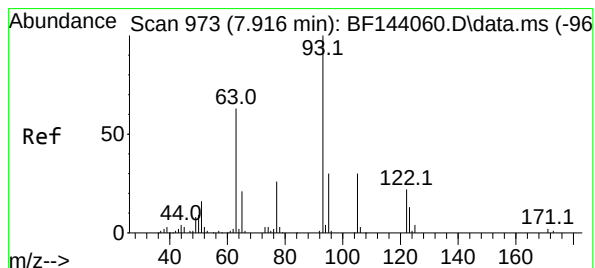
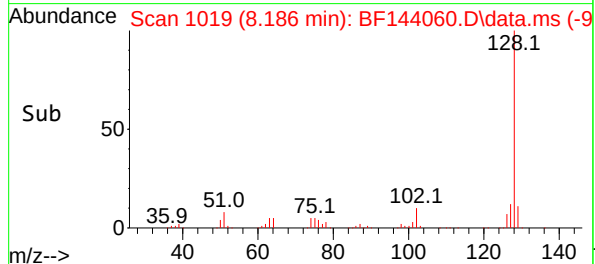
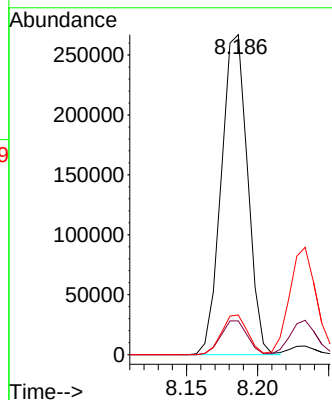
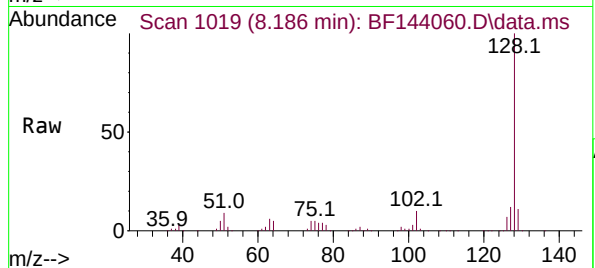




#31  
Naphthalene  
Concen: 40.910 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

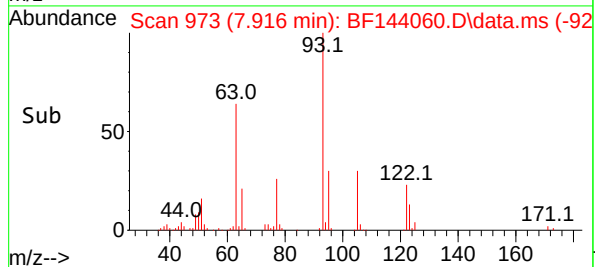
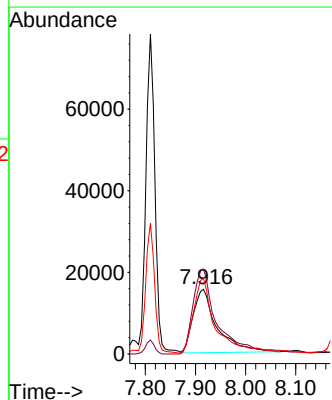
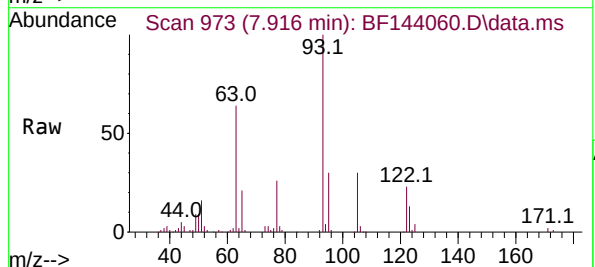
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:128 Resp: 344062  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.4 12.6  
127 12.4 9.9 14.9

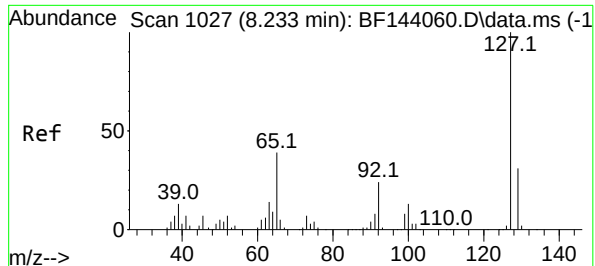


#32  
Benzoic acid  
Concen: 33.628 ng  
RT: 7.916 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:122 Resp: 51883  
Ion Ratio Lower Upper  
122 100  
105 131.3 111.3 151.3  
77 116.7 96.7 136.7



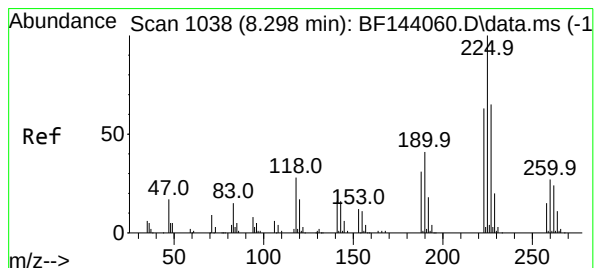
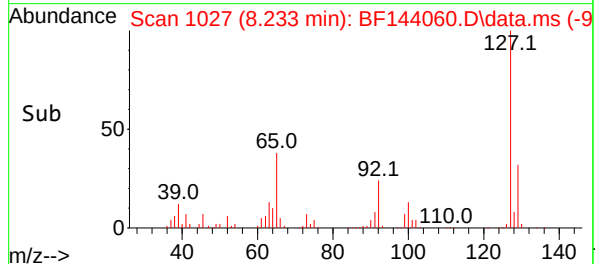
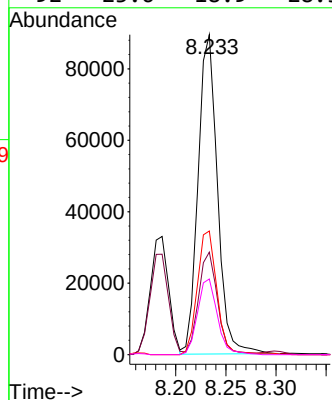
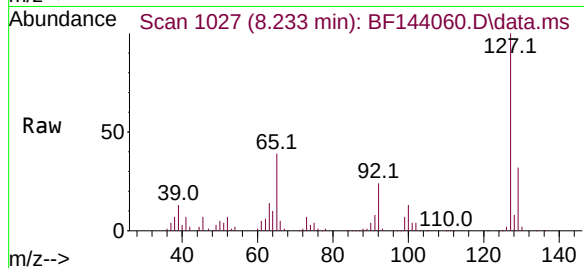




#33  
4-Chloroaniline  
Concen: 40.949 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

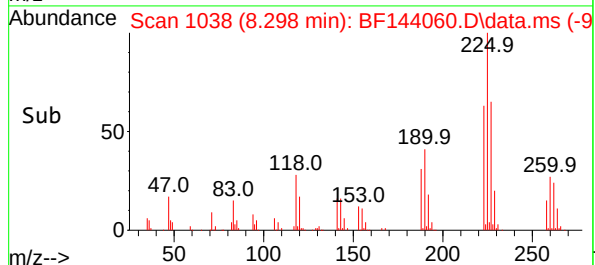
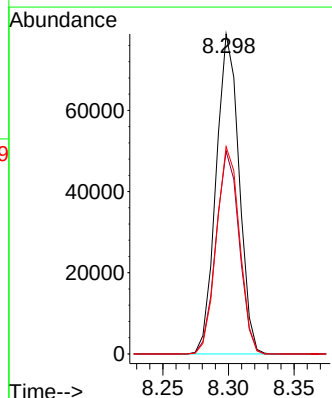
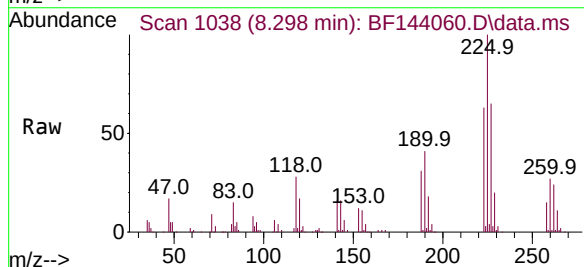
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

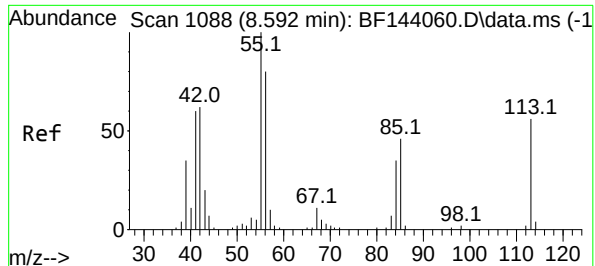
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 119889 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.0  | 25.6  | 38.4   |
| 65        | 38.6  | 30.9  | 46.3   |
| 92        | 23.6  | 18.9  | 28.3   |



#34  
Hexachlorobutadiene  
Concen: 40.380 ng  
RT: 8.298 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 96082 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.3  | 50.6  | 76.0  |
| 227       | 64.8  | 51.8  | 77.8  |

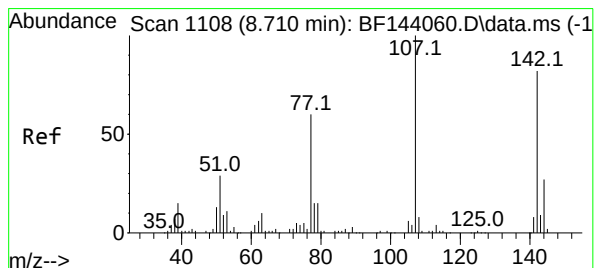
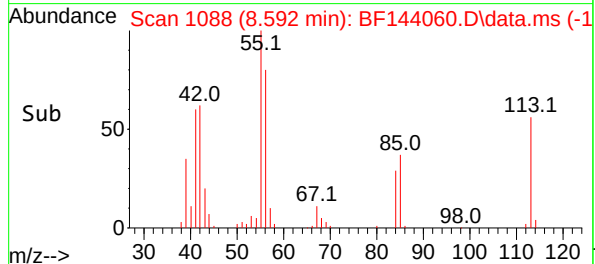
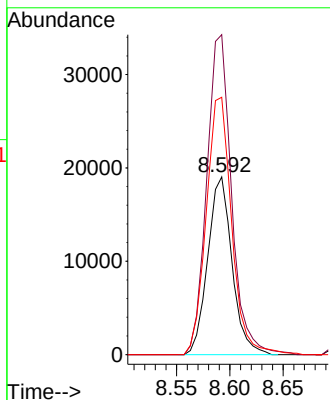
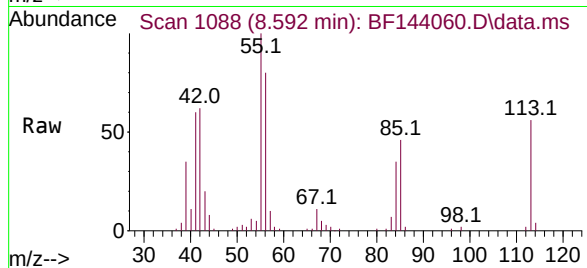




#35  
Caprolactam  
Concen: 42.585 ng  
RT: 8.592 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

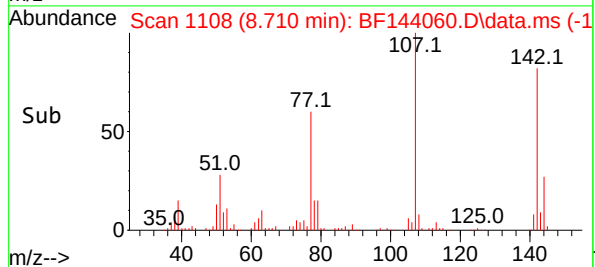
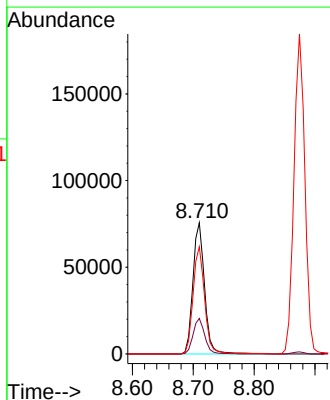
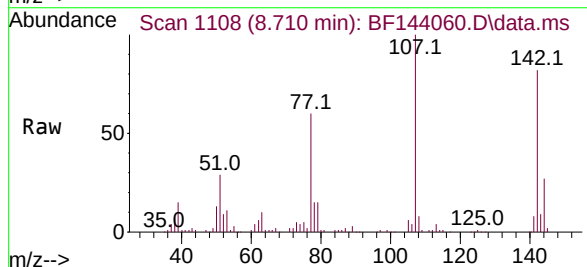
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

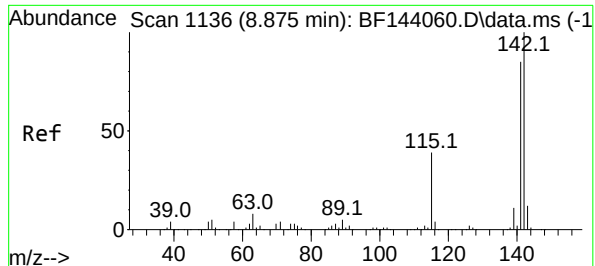
Tgt Ion:113 Resp: 30206  
Ion Ratio Lower Upper  
113 100  
55 180.1 160.1 200.1  
56 144.9 124.9 164.9



#36  
4-Chloro-3-methylphenol  
Concen: 40.234 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:107 Resp: 100429  
Ion Ratio Lower Upper  
107 100  
144 27.0 21.6 32.4  
142 81.7 65.4 98.0





#37

2-Methylnaphthalene

Concen: 41.362 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

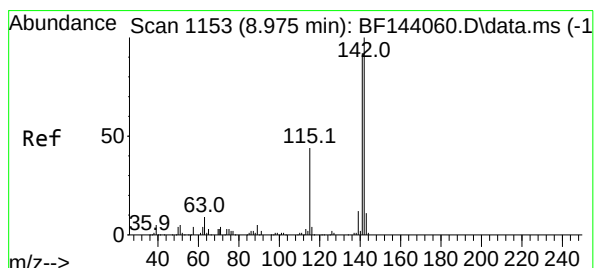
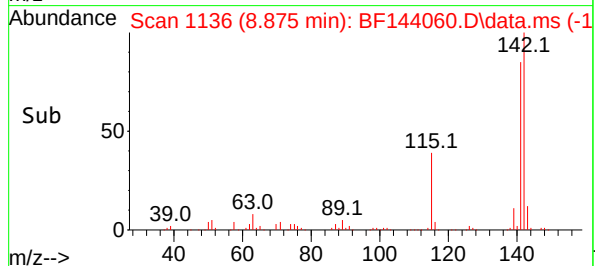
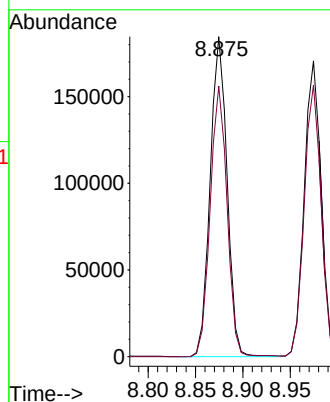
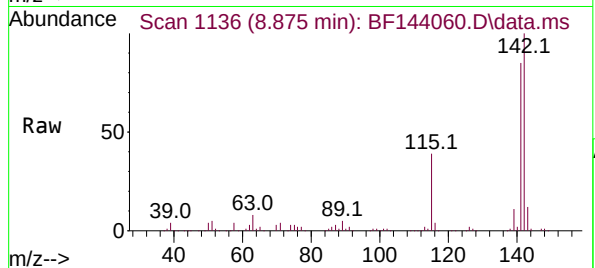
SSTDICCC040

Tgt Ion:142 Resp: 229345

Ion Ratio Lower Upper

142 100

141 84.5 67.6 101.4



#38

1-Methylnaphthalene

Concen: 40.062 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144060.D

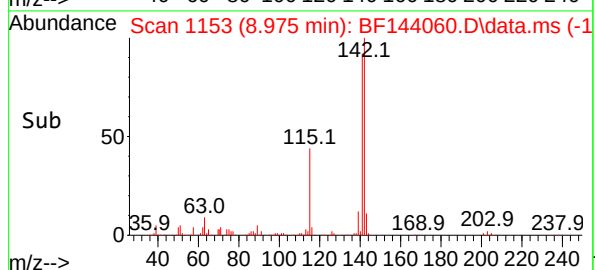
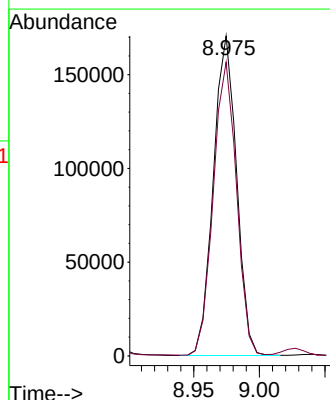
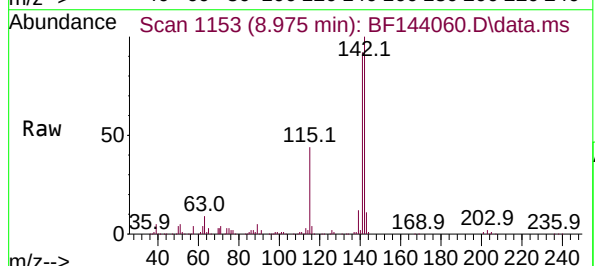
Acq: 24 Oct 2025 13:05

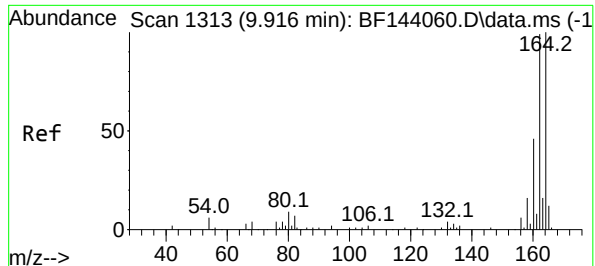
Tgt Ion:142 Resp: 210460

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

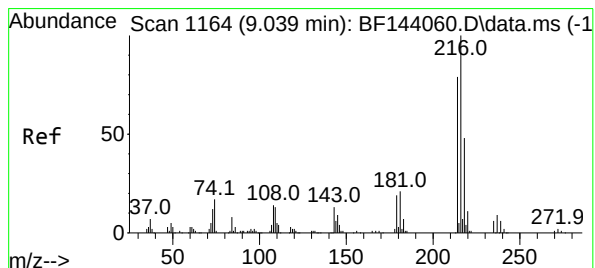
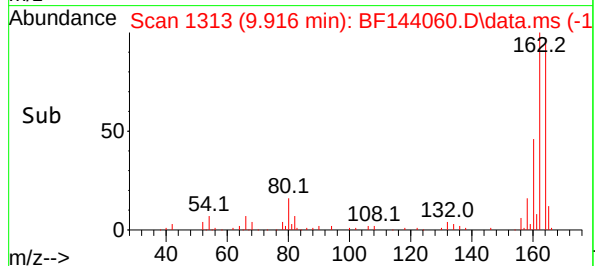
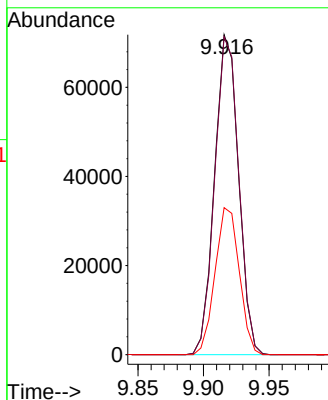
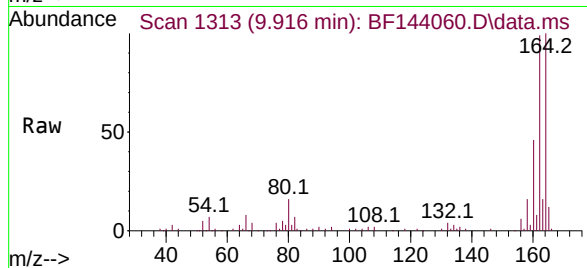
Tgt Ion:164 Resp: 91554

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.2

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.130 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:216 Resp: 129417

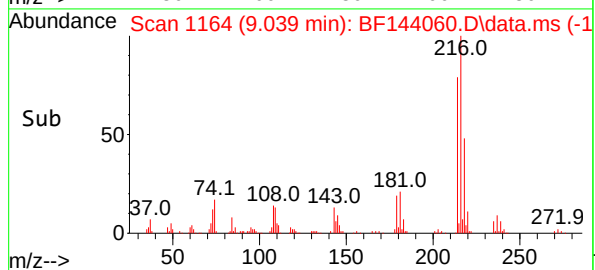
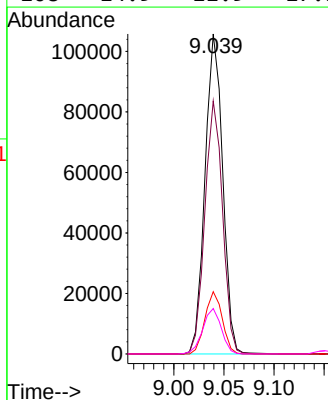
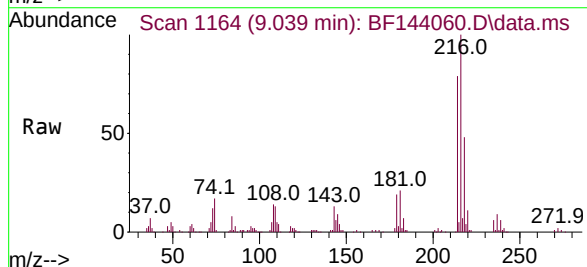
Ion Ratio Lower Upper

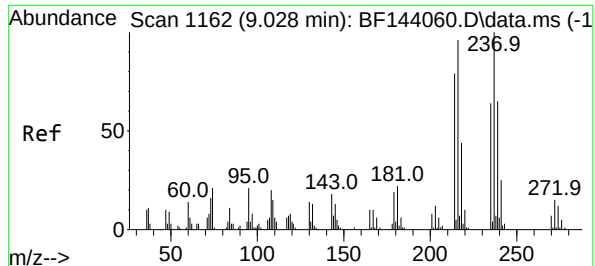
216 100

214 79.0 63.2 94.8

179 19.0 15.2 22.8

108 14.9 11.9 17.9

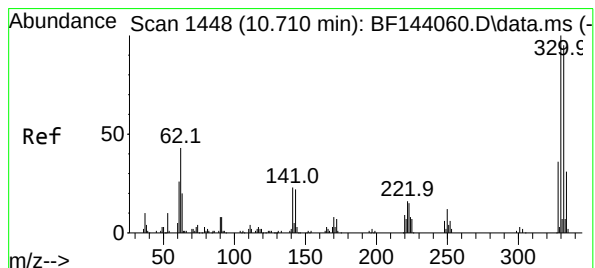
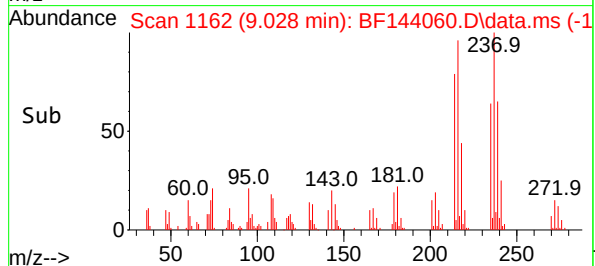
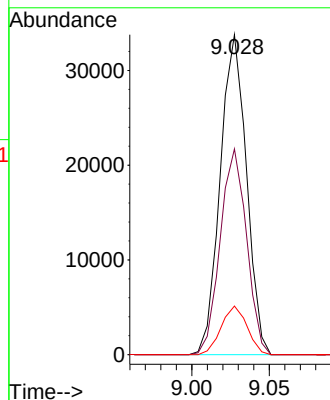
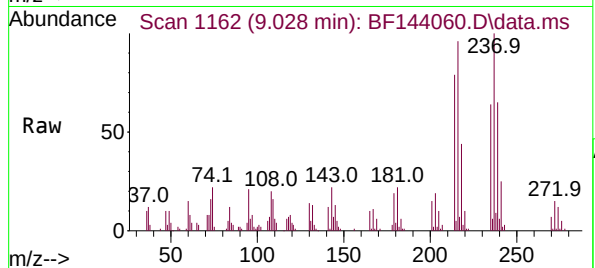




#41  
Hexachlorocyclopentadiene  
Concen: 41.012 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

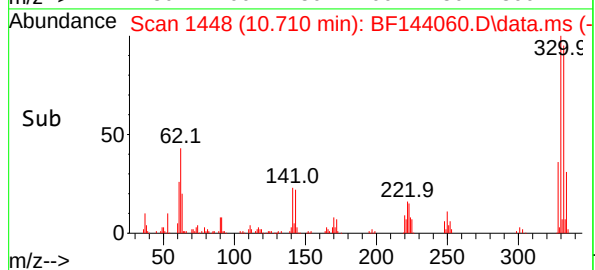
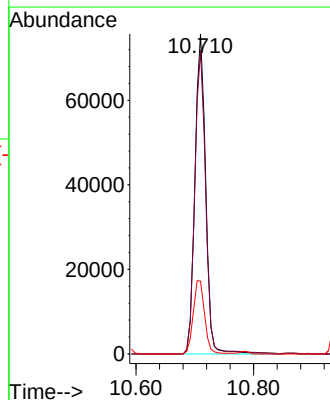
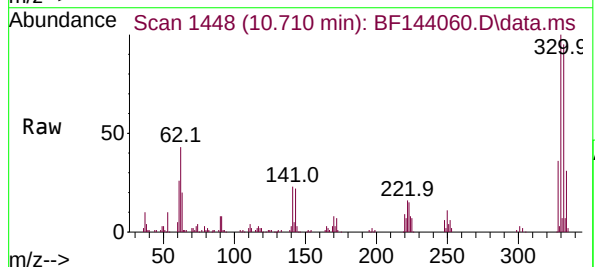
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

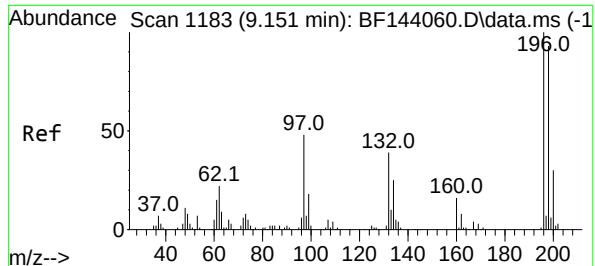
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.3  | 44.3  | 84.3  |
| 272     | 15.2  | 0.0   | 35.2  |



#42  
2,4,6-Tribromophenol  
Concen: 82.238 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 77.0  | 115.6 |
| 141     | 24.2  | 19.4  | 29.0  |





#43

2,4,6-Trichlorophenol

Concen: 42.346 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

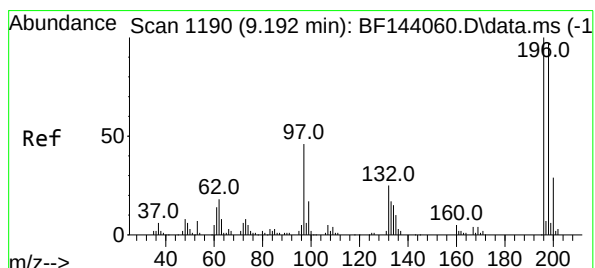
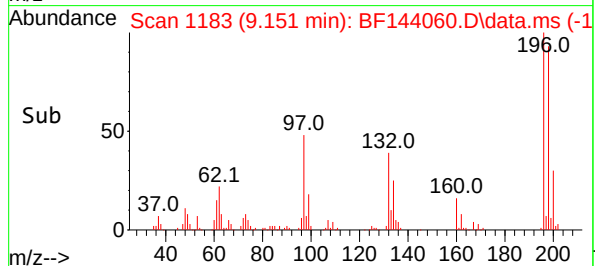
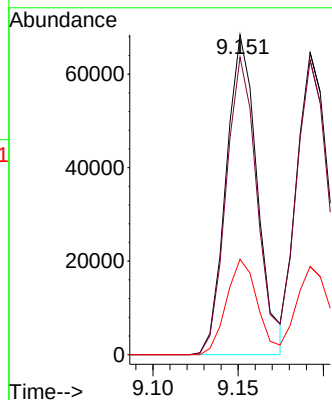
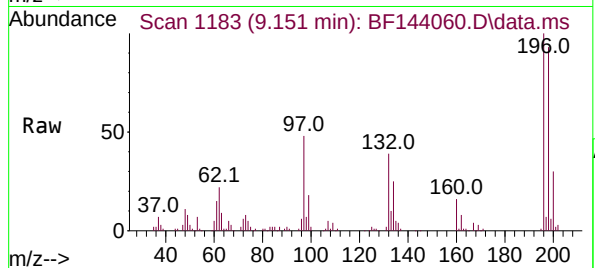
Tgt Ion:196 Resp: 86607

Ion Ratio Lower Upper

196 100

198 93.0 74.4 111.6

200 29.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 39.842 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:196 Resp: 85520

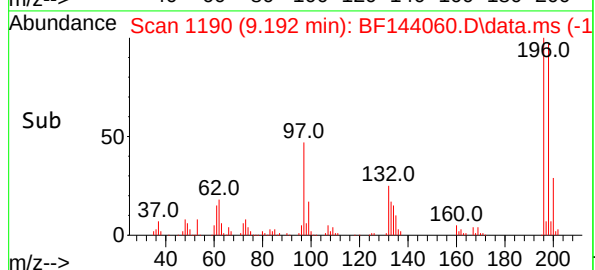
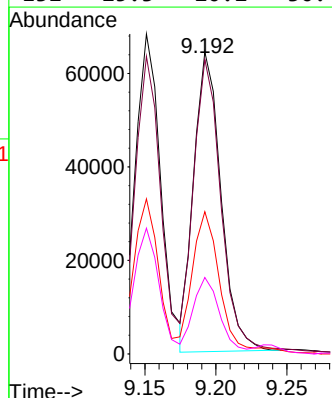
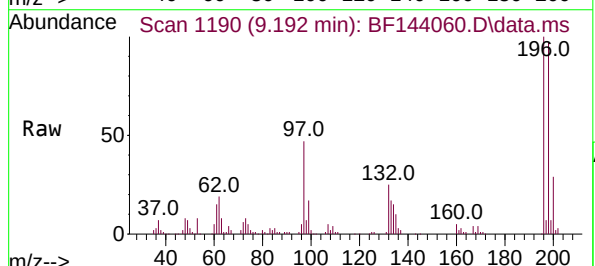
Ion Ratio Lower Upper

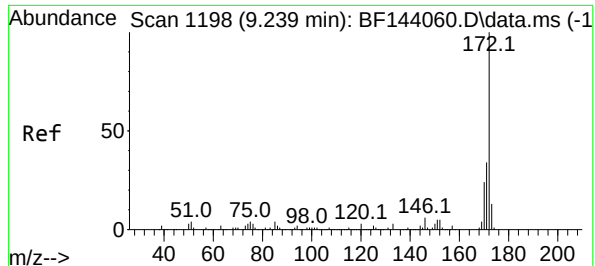
196 100

198 97.5 78.0 117.0

97 47.1 37.7 56.5

132 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 81.692 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

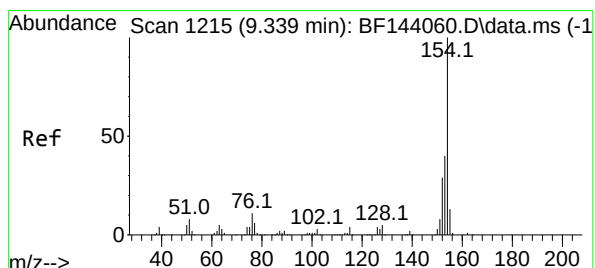
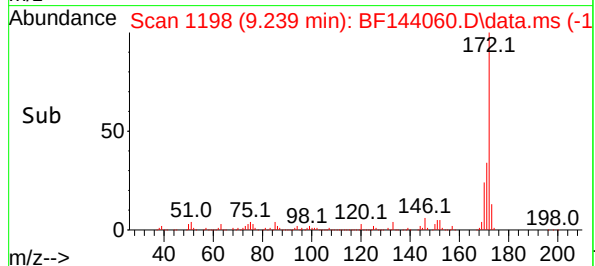
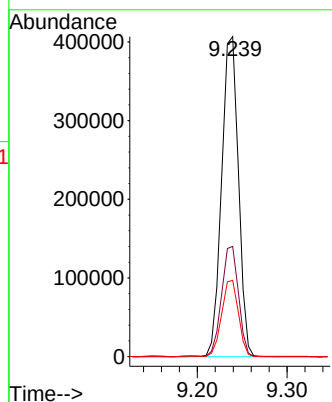
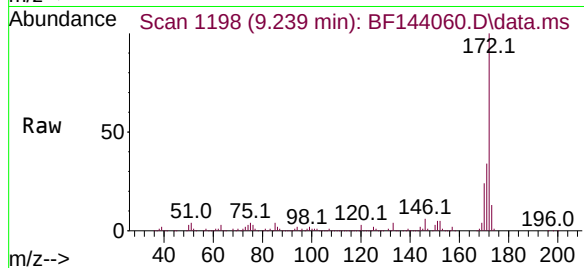
Tgt Ion:172 Resp: 531491

Ion Ratio Lower Upper

172 100

171 34.4 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.129 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

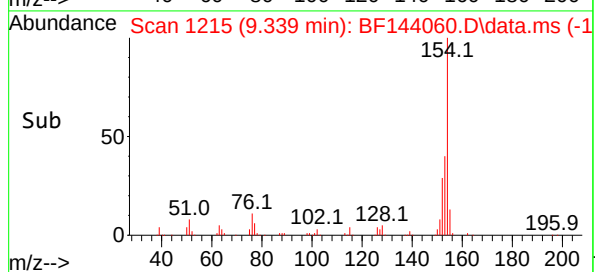
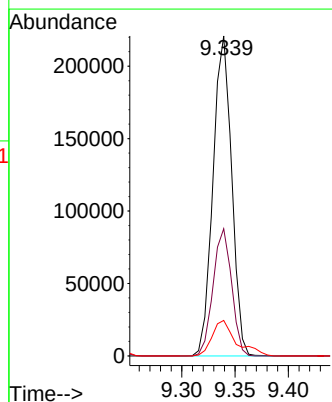
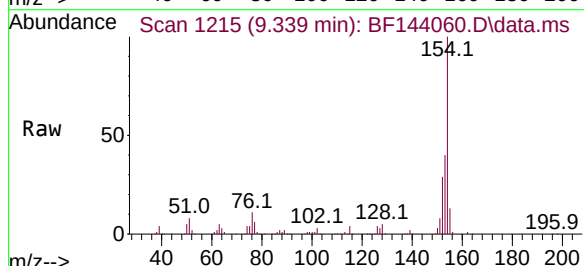
Tgt Ion:154 Resp: 269550

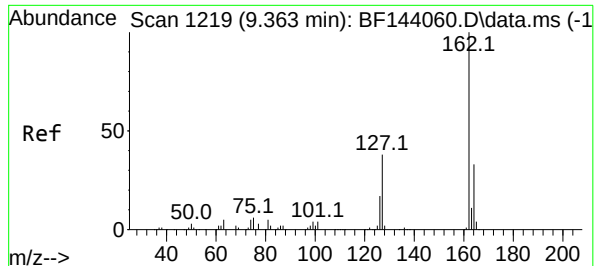
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.753 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

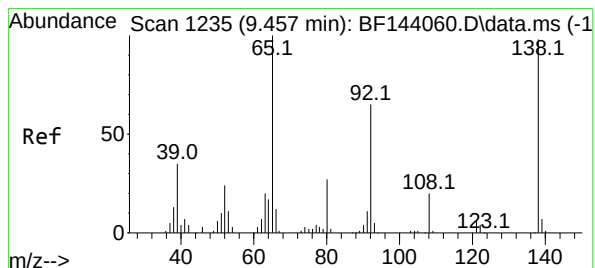
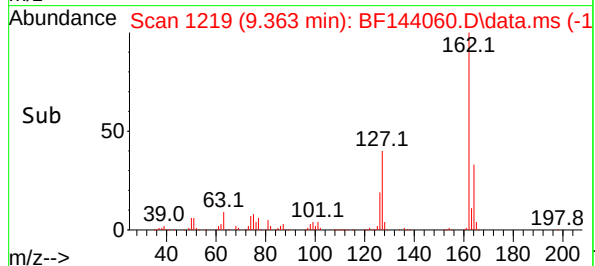
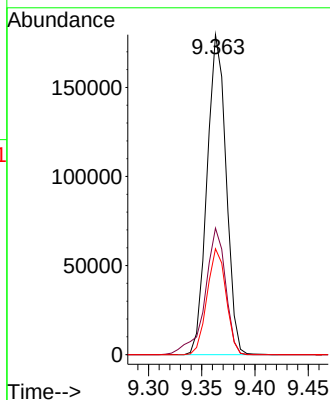
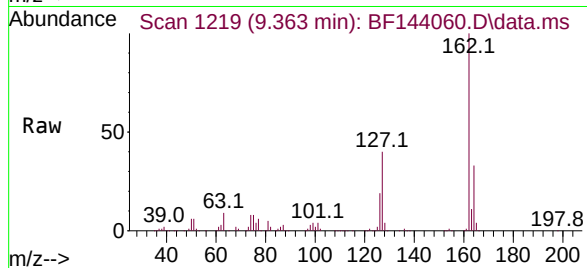
Tgt Ion:162 Resp: 223762

Ion Ratio Lower Upper

162 100

127 39.5 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 42.711 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

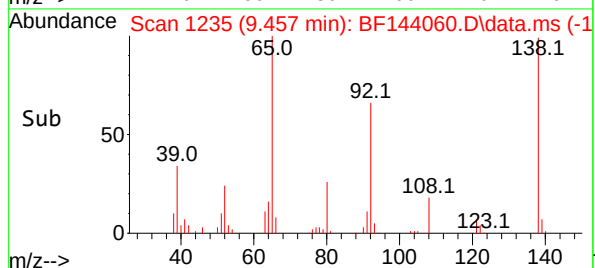
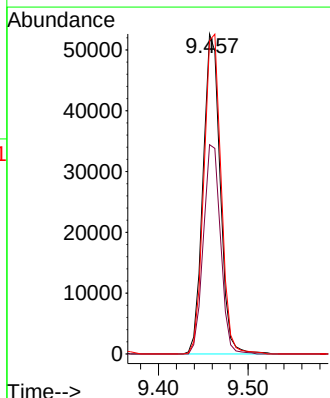
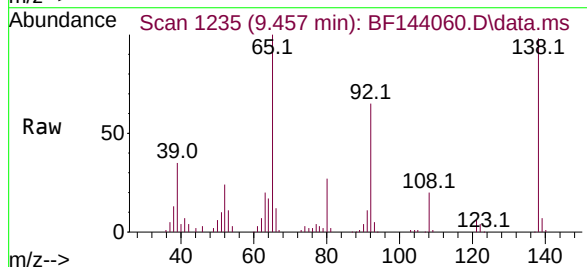
Tgt Ion: 65 Resp: 69638

Ion Ratio Lower Upper

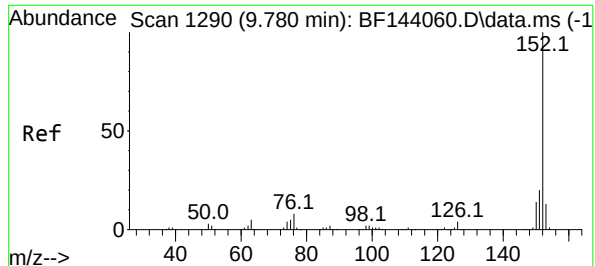
65 100

92 65.4 52.3 78.5

138 97.9 78.3 117.5







#49

Acenaphthylene

Concen: 42.112 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144060.D

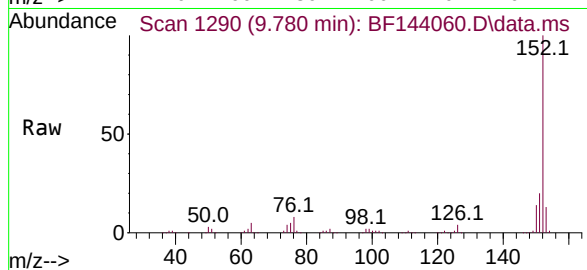
Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



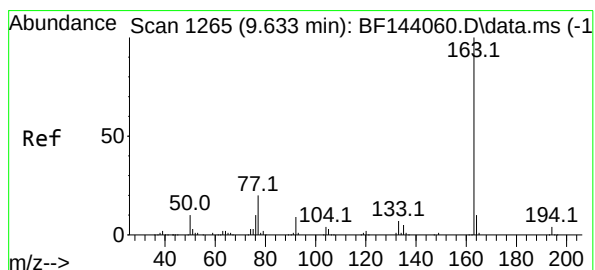
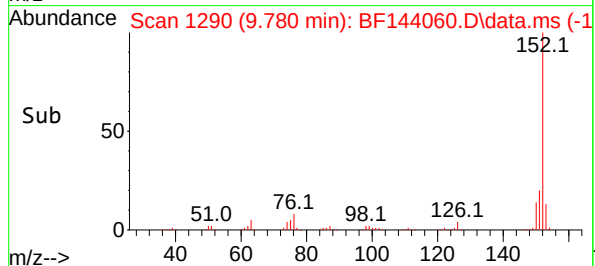
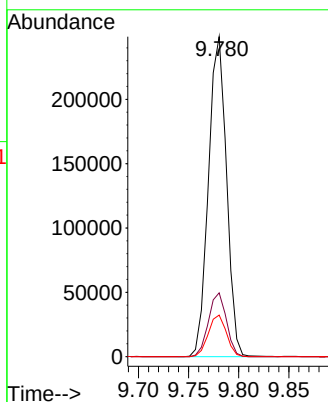
Tgt Ion:152 Resp: 311770

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.666 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

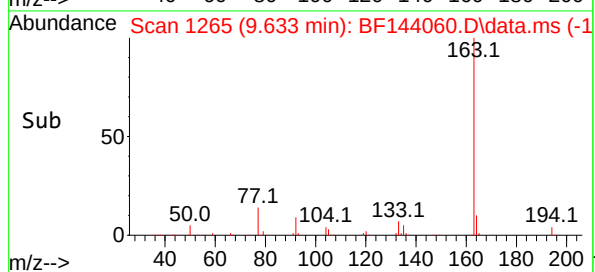
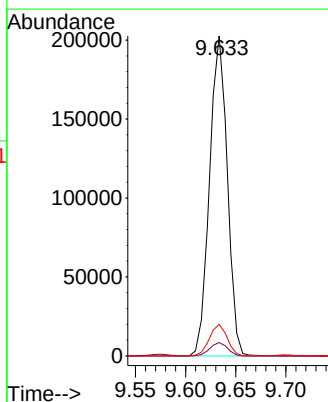
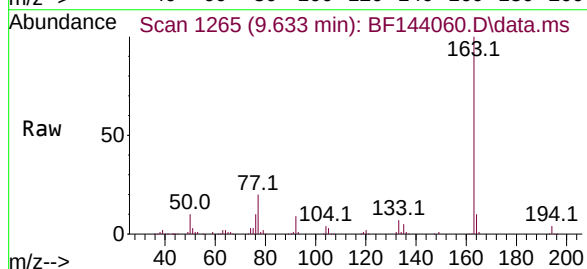
Tgt Ion:163 Resp: 250045

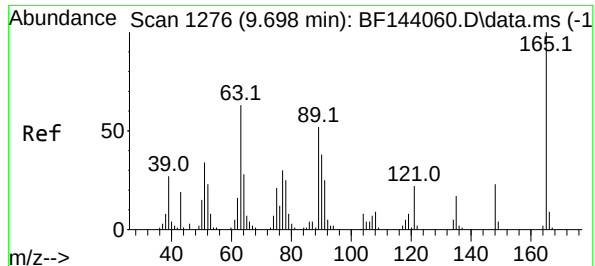
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 42.535 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

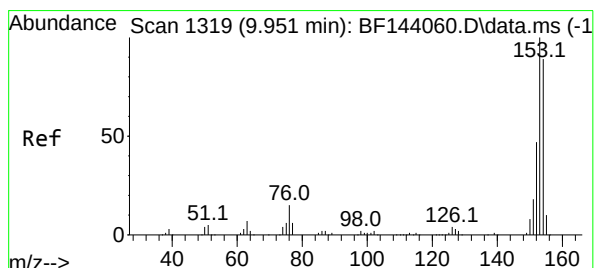
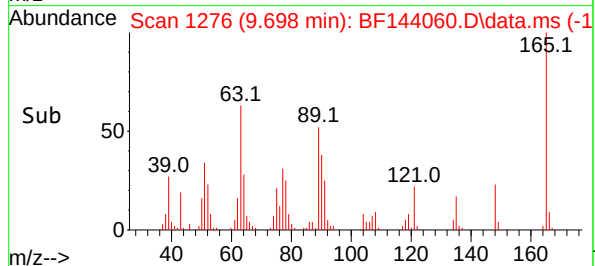
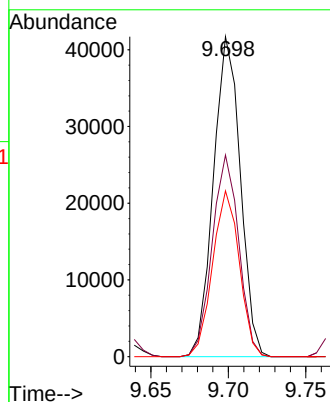
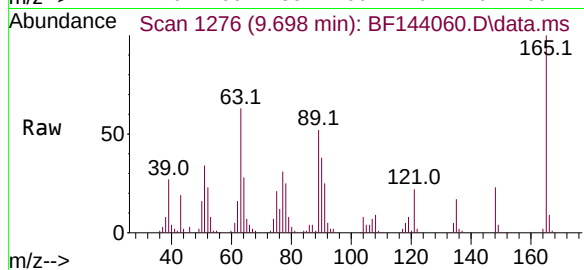
Tgt Ion:165 Resp: 50463

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 51.8 41.4 62.2



#52

Acenaphthene

Concen: 41.240 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

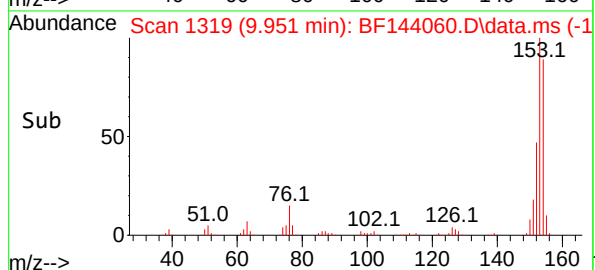
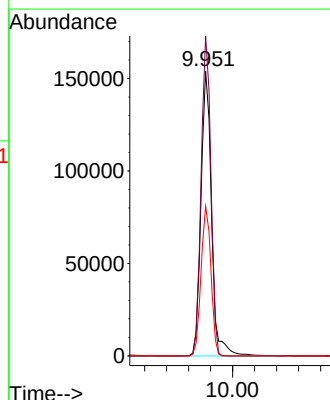
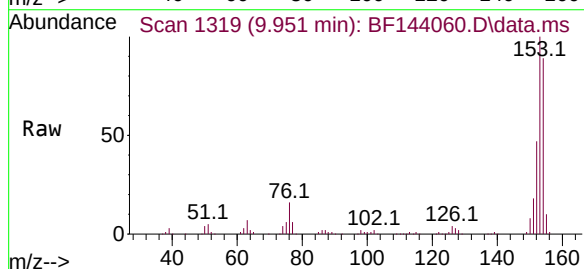
Tgt Ion:154 Resp: 203905

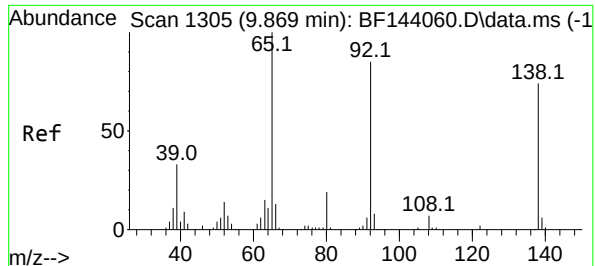
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 52.5 42.0 63.0





#53

3-Nitroaniline

Concen: 44.713 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

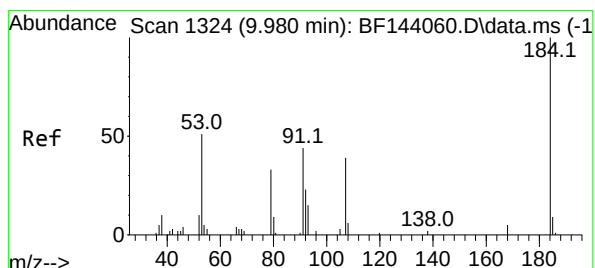
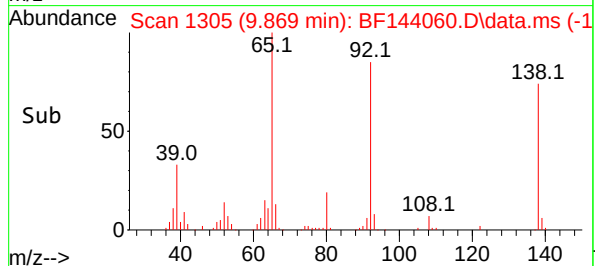
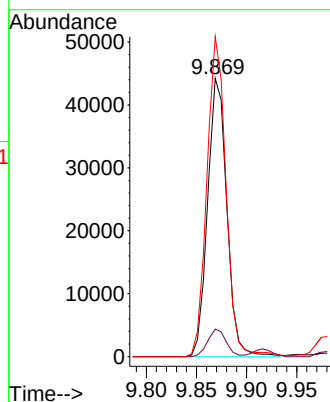
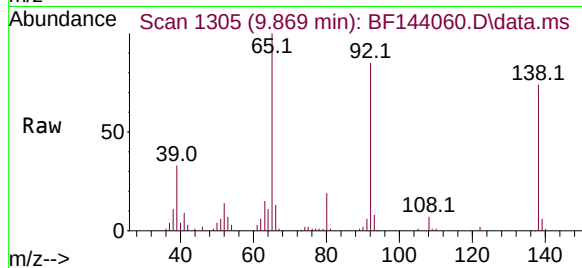
Tgt Ion:138 Resp: 58978

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

92 115.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 35.283 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

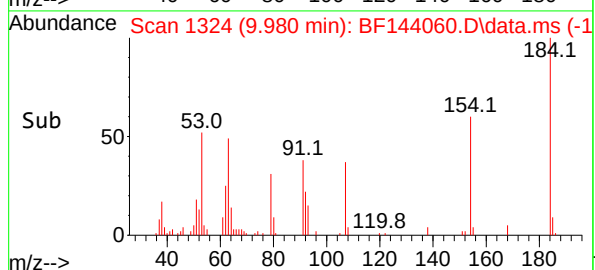
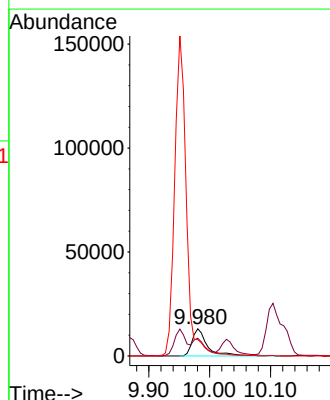
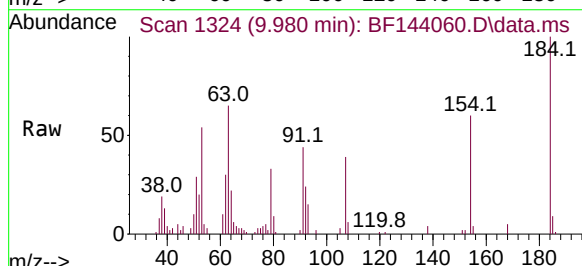
Tgt Ion:184 Resp: 22640

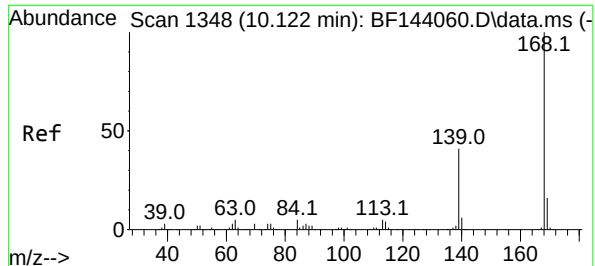
Ion Ratio Lower Upper

184 100

63 65.1 52.1 78.1

154 59.9 47.9 71.9

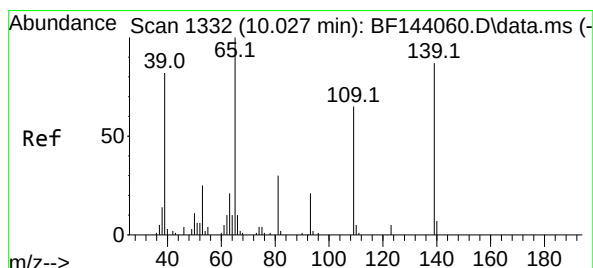
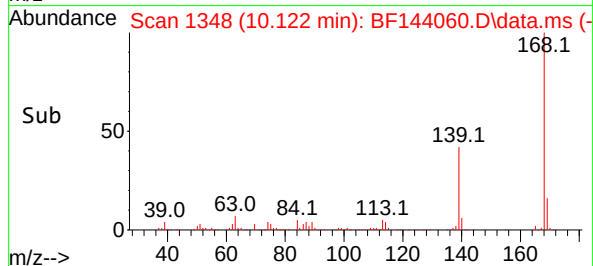
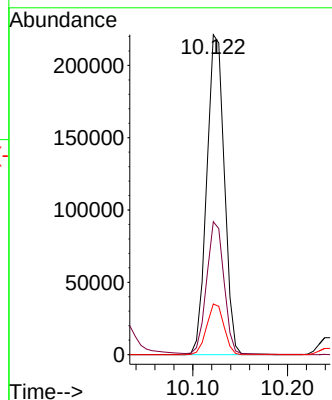
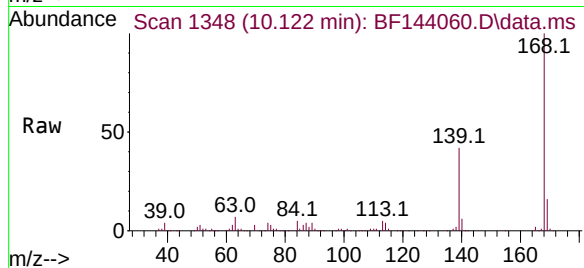




#55  
Dibenzenofuran  
Concen: 41.592 ng  
RT: 10.122 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

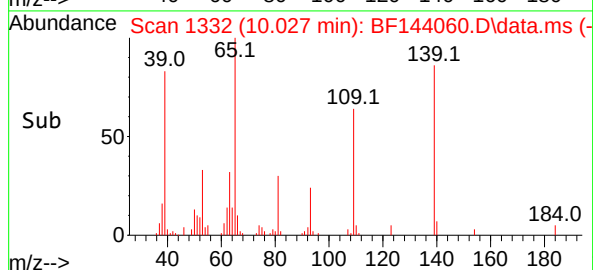
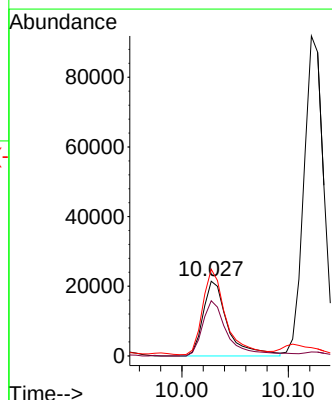
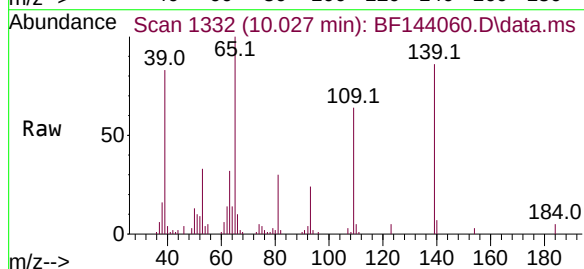
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

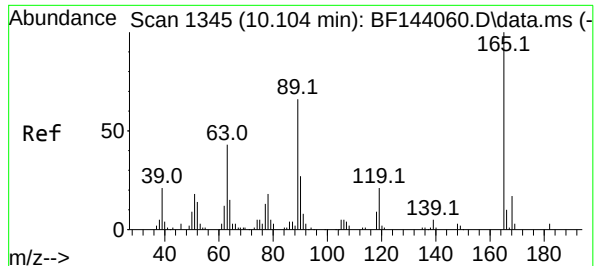
Tgt Ion:168 Resp: 285490  
Ion Ratio Lower Upper  
168 100  
139 41.5 33.2 49.8  
169 15.8 12.6 19.0



#56  
4-Nitrophenol  
Concen: 38.279 ng  
RT: 10.027 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:139 Resp: 34191  
Ion Ratio Lower Upper  
139 100  
109 73.8 53.8 93.8  
65 115.9 95.9 135.9

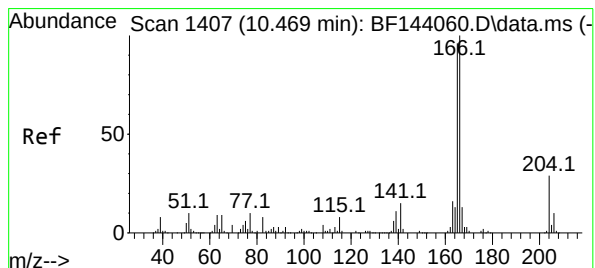
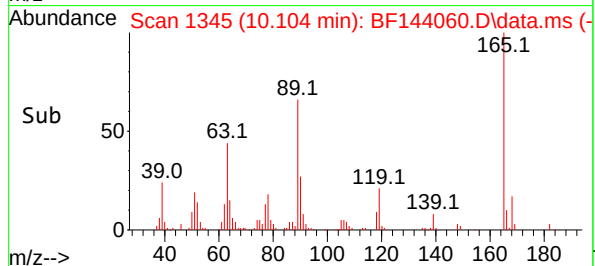
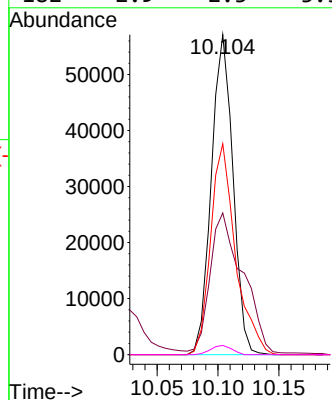
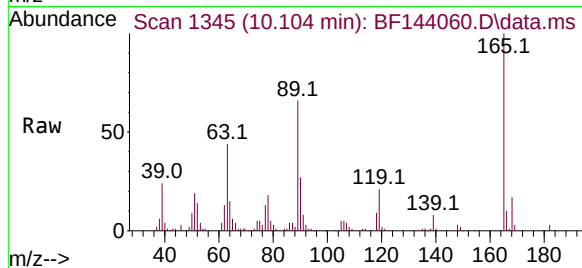




#57  
2,4-Dinitrotoluene  
Concen: 44.075 ng  
RT: 10.104 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

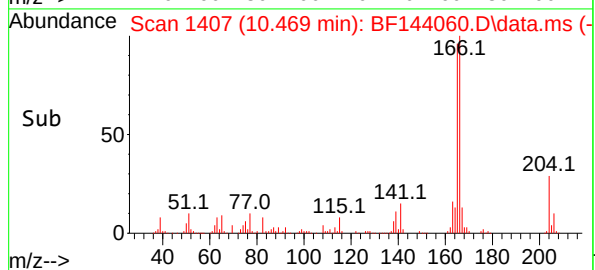
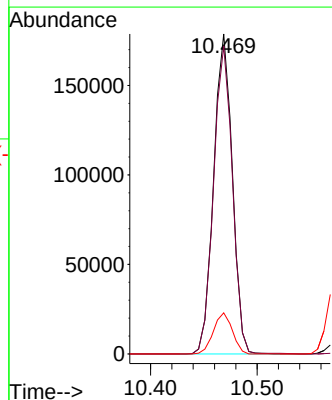
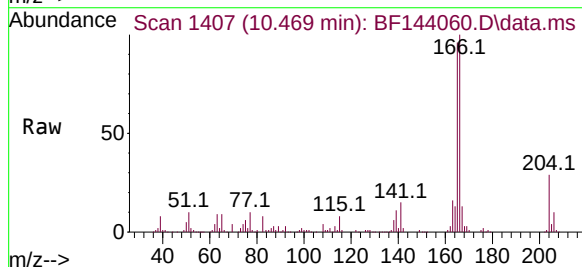
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

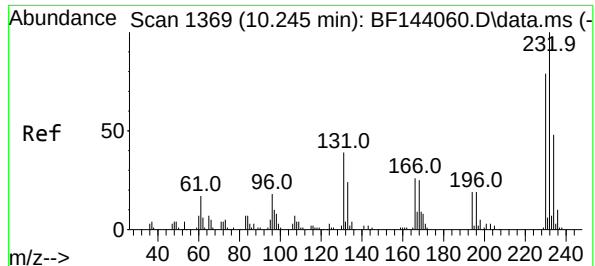
Tgt Ion:165 Resp: 70572  
Ion Ratio Lower Upper  
165 100  
63 44.3 35.4 53.2  
89 65.9 52.7 79.1  
182 2.9 2.3 3.5



#58  
Fluorene  
Concen: 41.604 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:166 Resp: 217594  
Ion Ratio Lower Upper  
166 100  
165 96.2 77.0 115.4  
167 12.8 10.2 15.4

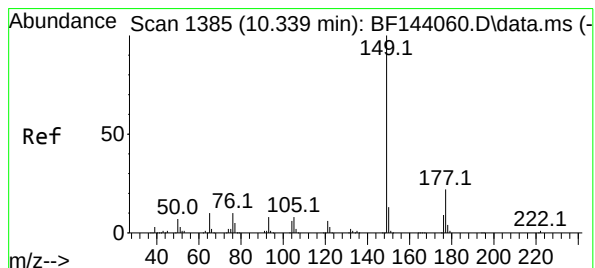
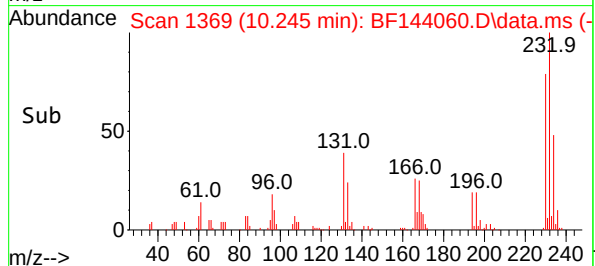
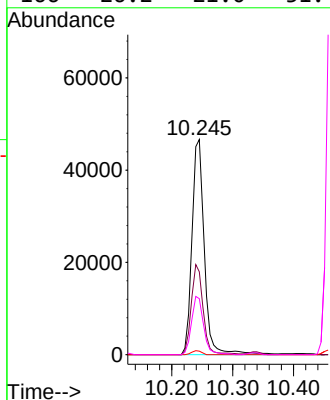
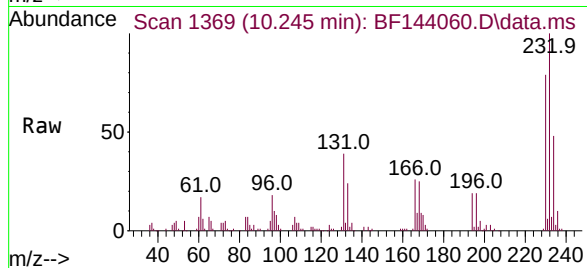




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.585 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

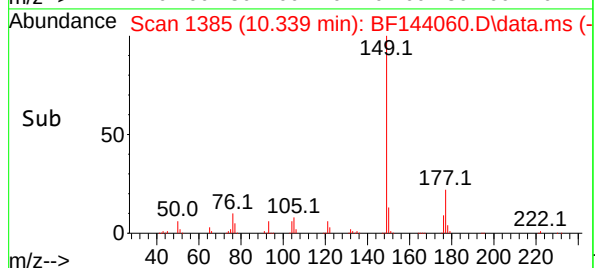
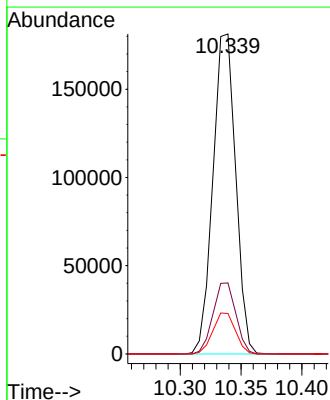
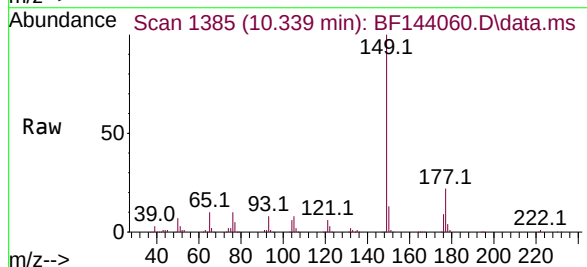
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

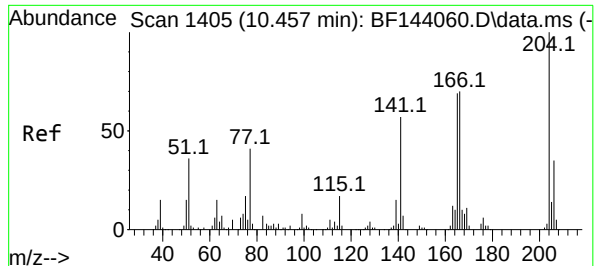
Tgt Ion:232 Resp: 65926  
Ion Ratio Lower Upper  
232 100  
131 39.9 31.9 47.9  
130 1.4 1.1 1.7  
166 26.2 21.0 31.4



#60  
Diethylphthalate  
Concen: 41.838 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:149 Resp: 236119  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.8 26.6  
150 12.6 10.1 15.1

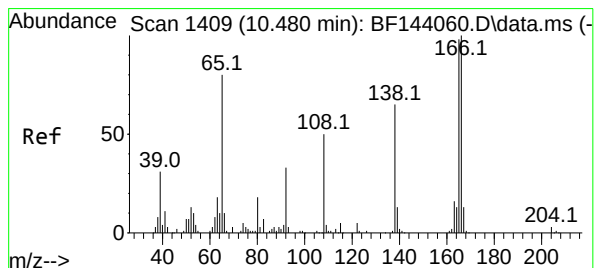
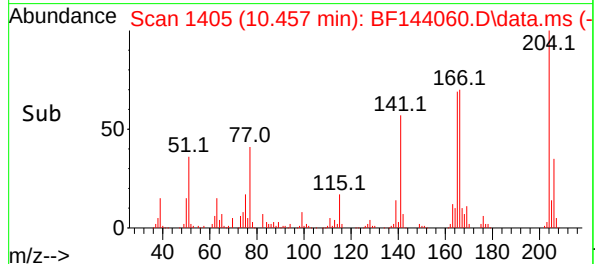
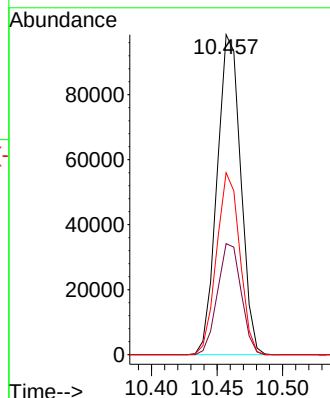
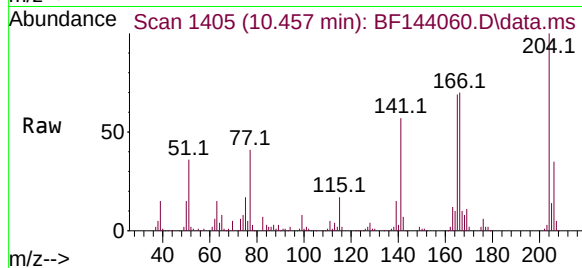




#61  
4-Chlorophenyl-phenylether  
Concen: 42.022 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

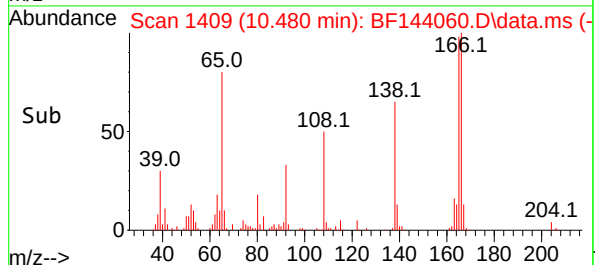
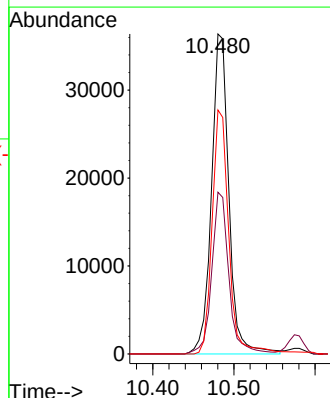
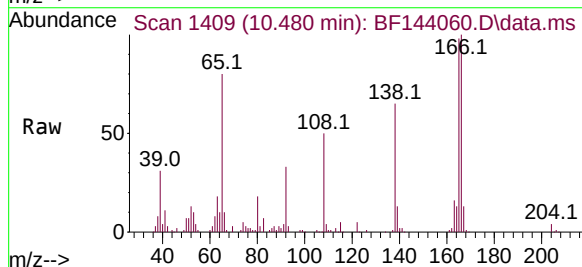
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

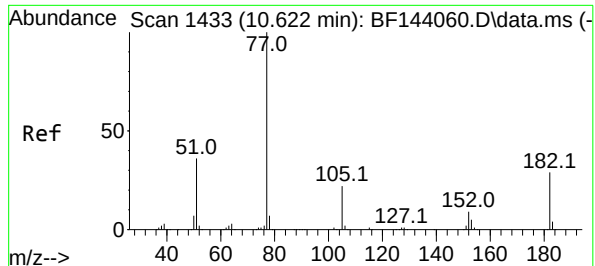
Tgt Ion:204 Resp: 123596  
Ion Ratio Lower Upper  
204 100  
206 34.7 27.8 41.6  
141 56.8 45.4 68.2



#62  
4-Nitroaniline  
Concen: 43.392 ng  
RT: 10.480 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:138 Resp: 54231  
Ion Ratio Lower Upper  
138 100  
92 50.5 30.5 70.5  
108 76.2 56.2 96.2

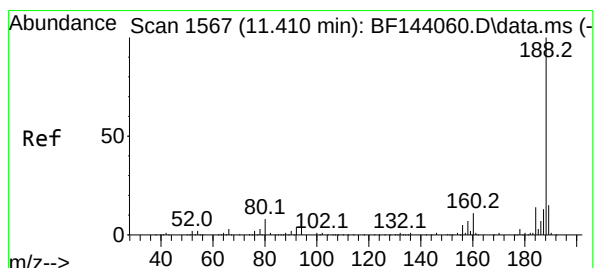
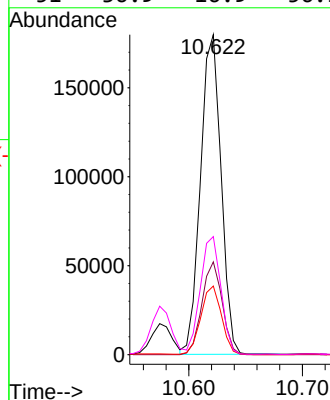
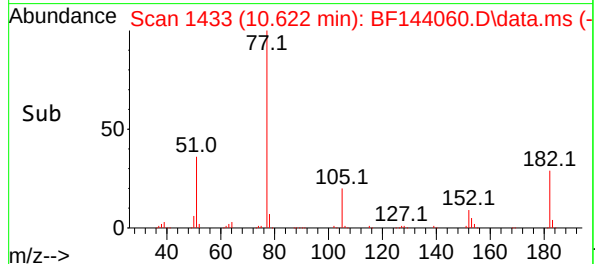
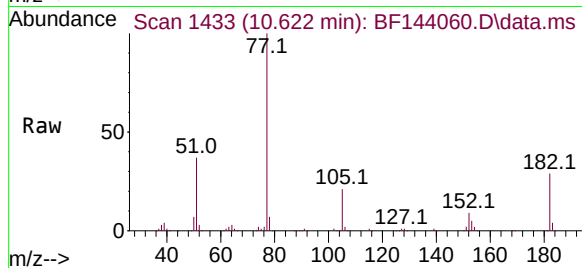




#63  
Azobenzene  
Concen: 42.381 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

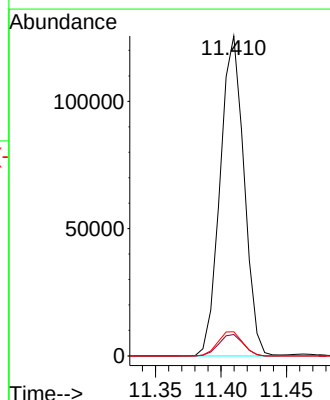
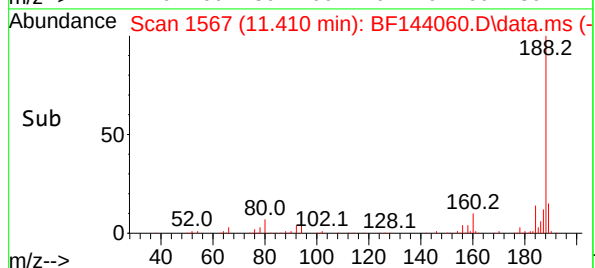
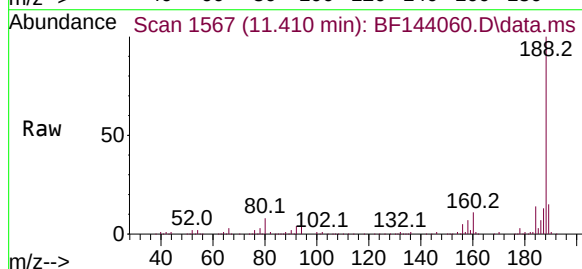
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 226383 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 29.0    | 9.0 49.0     |
| 105 21.4    | 1.4 41.4     |
| 51 36.9     | 16.9 56.9    |

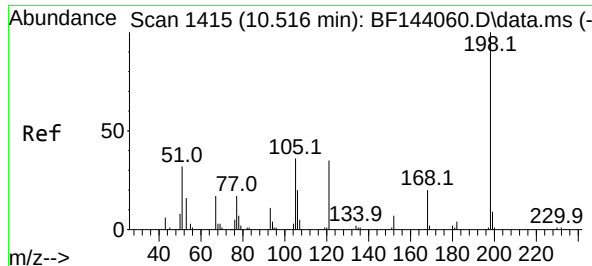


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 159613 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 6.7       | 5.4 8.0      |
| 80 7.5       | 6.0 9.0      |



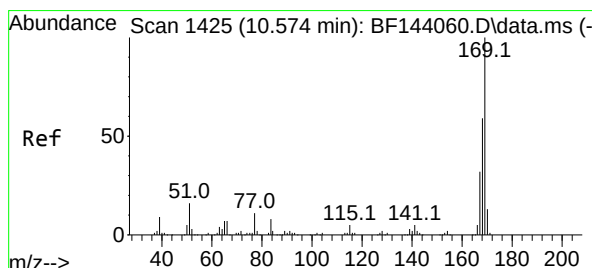
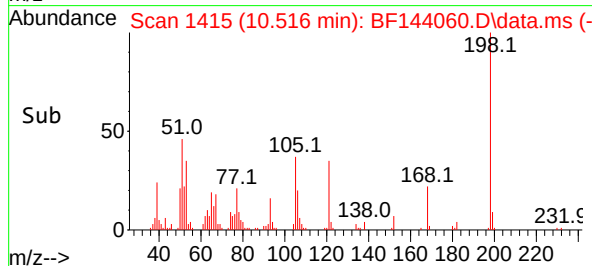
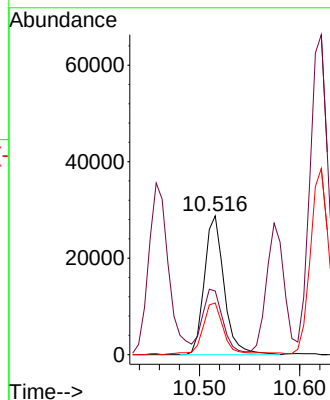
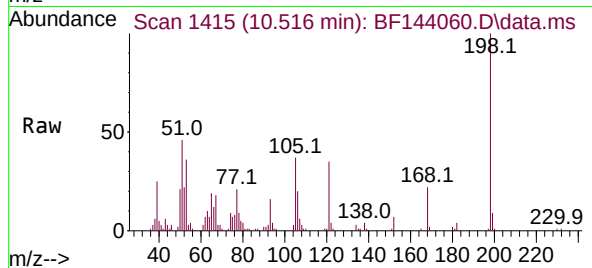




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.223 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

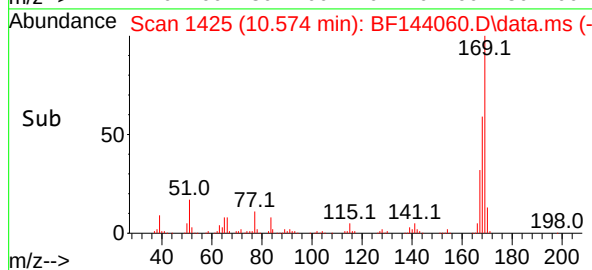
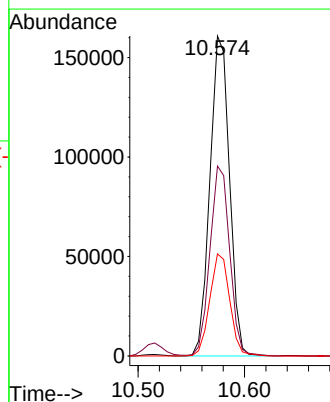
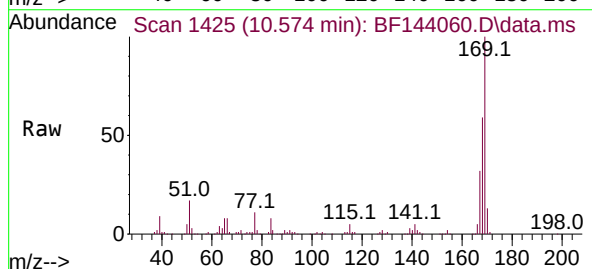
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

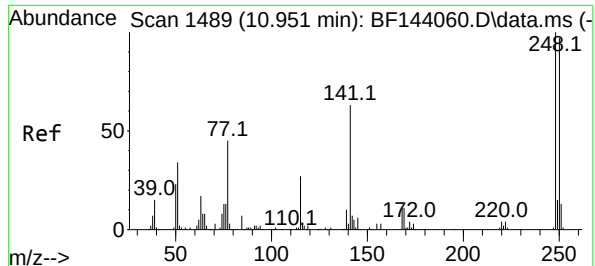
Tgt Ion:198 Resp: 39142  
Ion Ratio Lower Upper  
198 100  
51 45.8 25.8 65.8  
105 37.2 17.2 57.2



#66  
n-Nitrosodiphenylamine  
Concen: 40.226 ng  
RT: 10.574 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:169 Resp: 205138  
Ion Ratio Lower Upper  
169 100  
168 59.3 47.4 71.2  
167 31.9 25.5 38.3

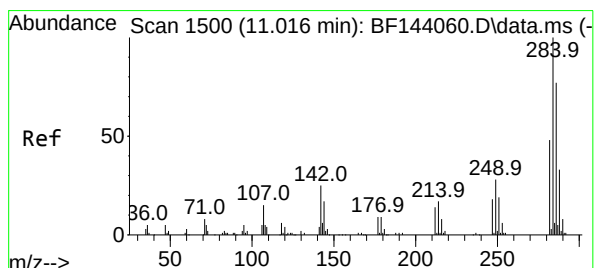
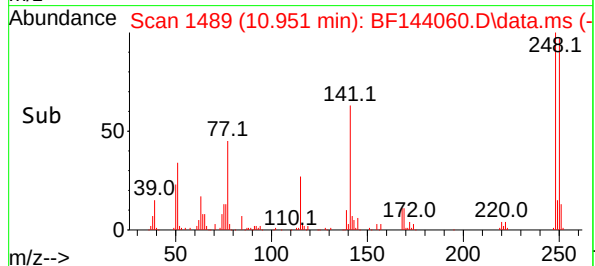
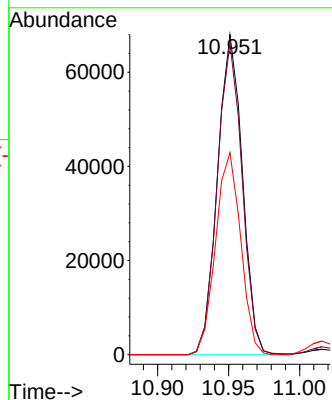
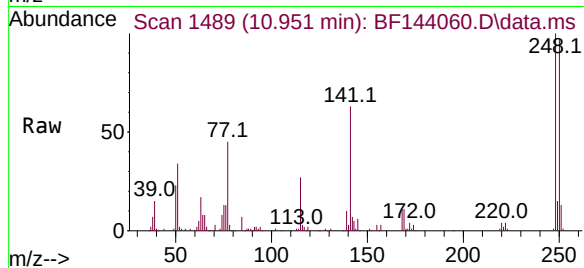




#67  
4-Bromophenyl-phenylether  
Concen: 41.585 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

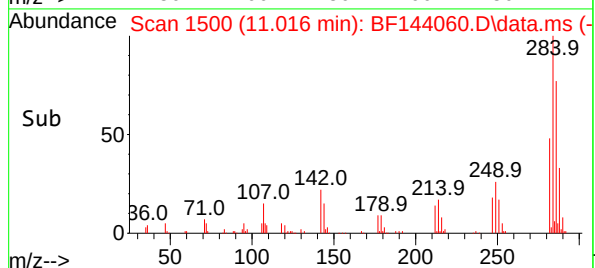
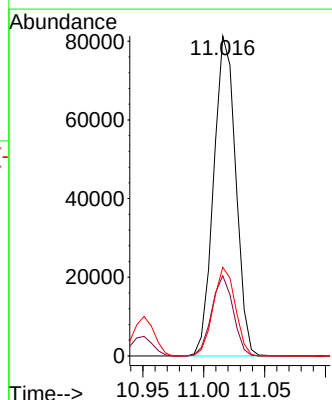
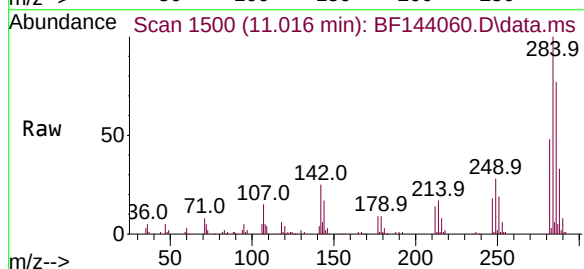
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

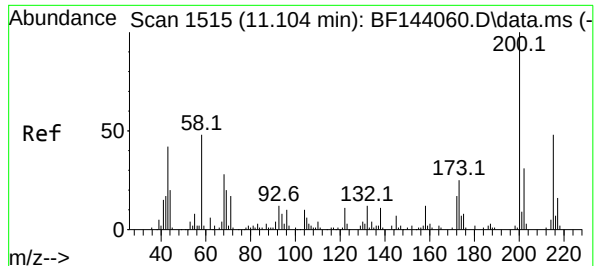
Tgt Ion:248 Resp: 83105  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.8 116.6  
141 63.1 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 41.869 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:284 Resp: 102619  
Ion Ratio Lower Upper  
284 100  
142 25.0 20.0 30.0  
249 27.7 22.2 33.2

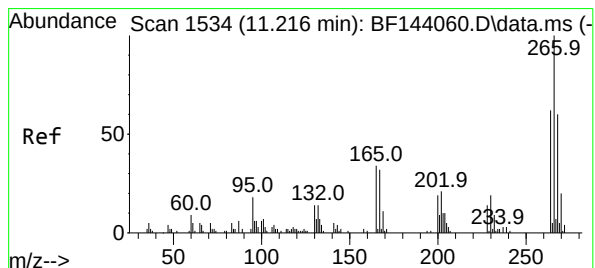
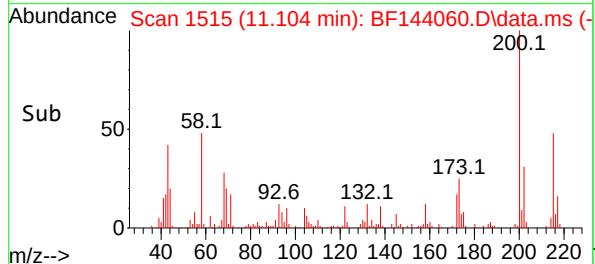
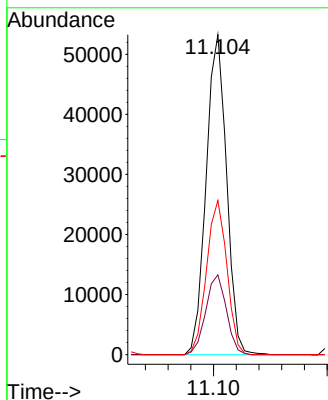
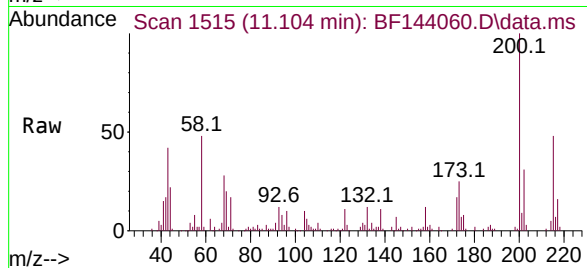




#69  
Atrazine  
Concen: 39.753 ng  
RT: 11.104 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

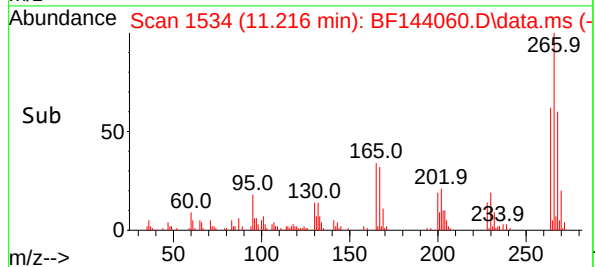
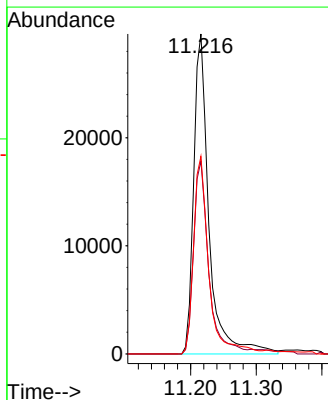
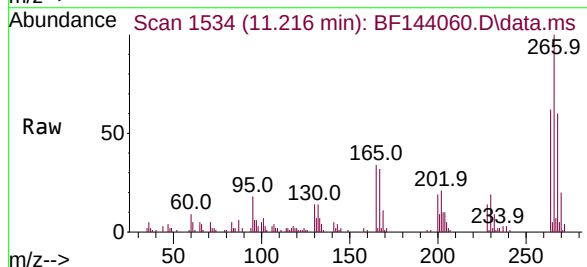
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

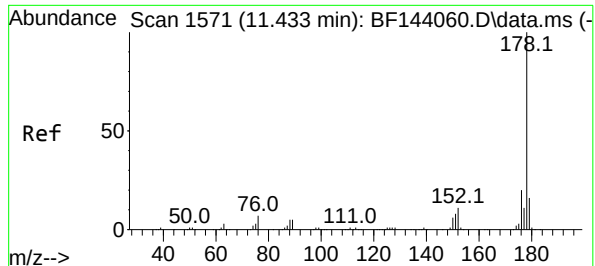
Tgt Ion:200 Resp: 66524  
Ion Ratio Lower Upper  
200 100  
173 24.9 4.9 44.9  
215 48.2 28.2 68.2



#70  
Pentachlorophenol  
Concen: 40.953 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:266 Resp: 47778  
Ion Ratio Lower Upper  
266 100  
268 60.3 48.2 72.4  
264 61.7 49.4 74.0

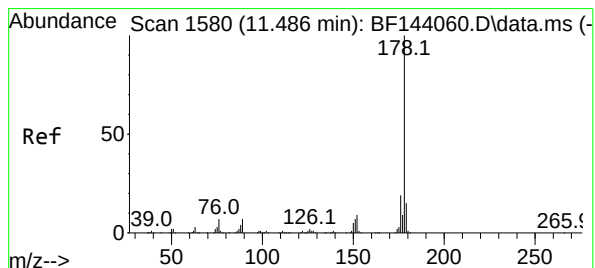
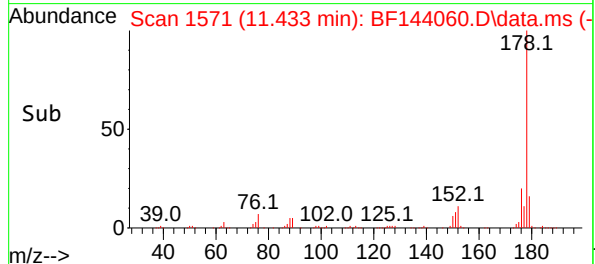
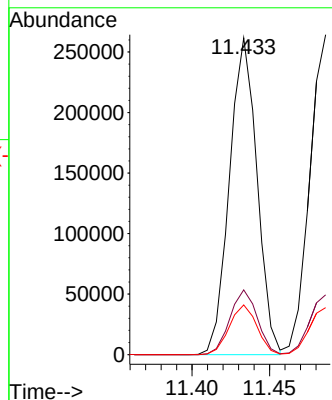
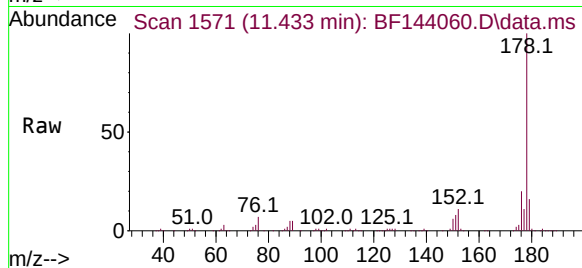




#71  
Phenanthrene  
Concen: 40.961 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

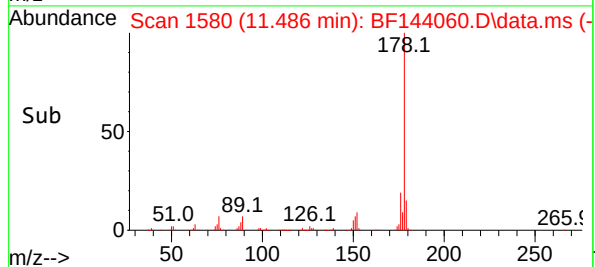
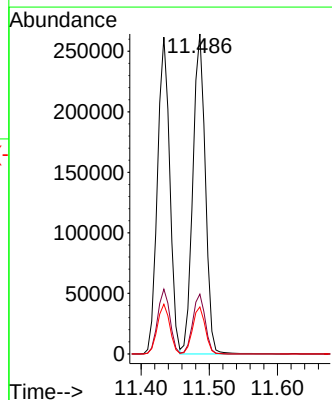
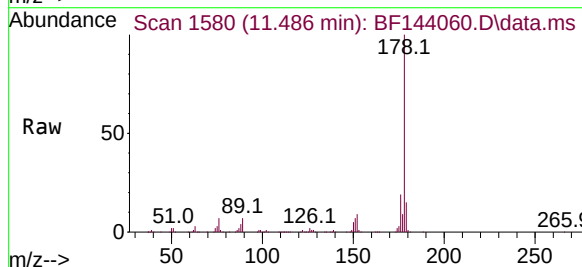
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

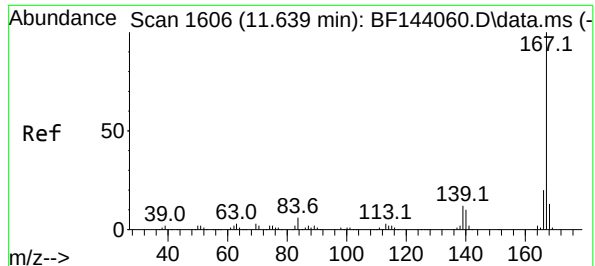
Tgt Ion:178 Resp: 324774  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.3 24.5  
179 15.7 12.6 18.8



#72  
Anthracene  
Concen: 41.053 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

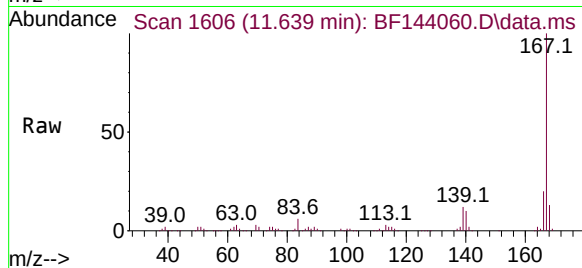
Tgt Ion:178 Resp: 336252  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 14.7 11.8 17.6



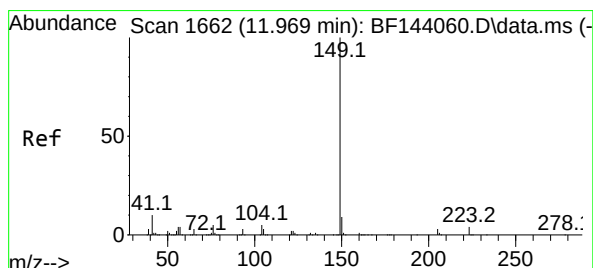
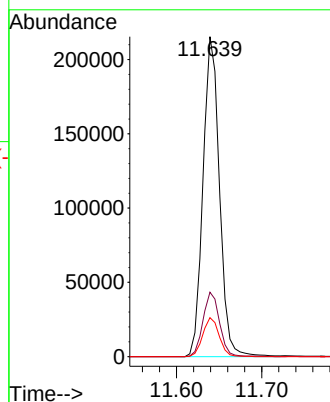
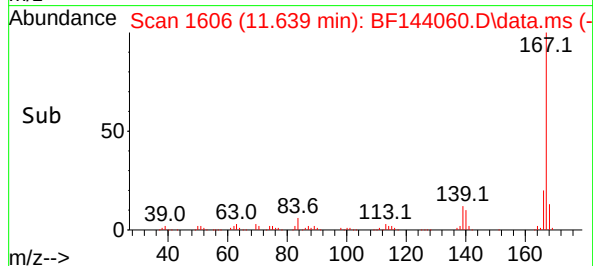


#73  
Carbazole  
Concen: 41.458 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

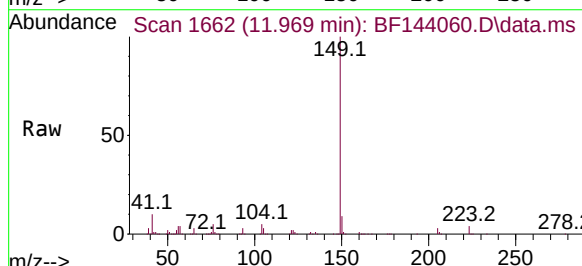
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



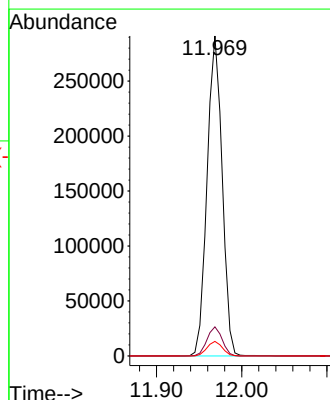
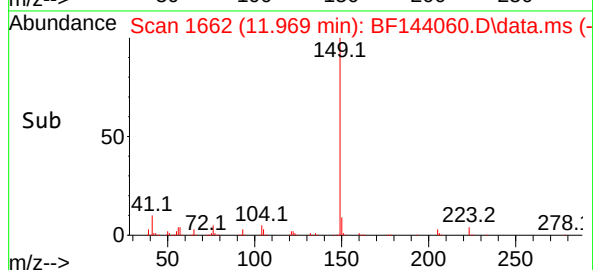
Tgt Ion:167 Resp: 289029  
Ion Ratio Lower Upper  
167 100  
166 20.1 16.1 24.1  
139 12.2 9.8 14.6

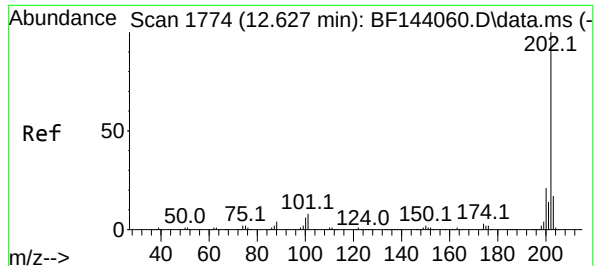


#74  
Di-n-butylphthalate  
Concen: 41.770 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05



Tgt Ion:149 Resp: 357025  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 4.5 3.6 5.4

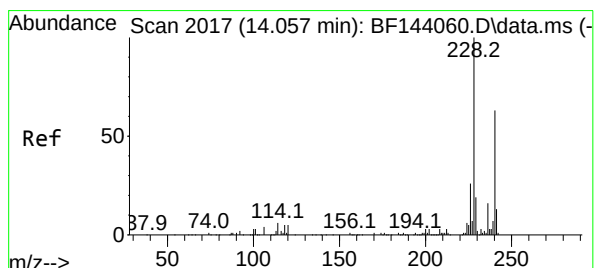
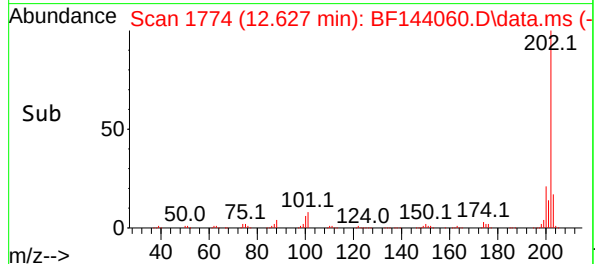
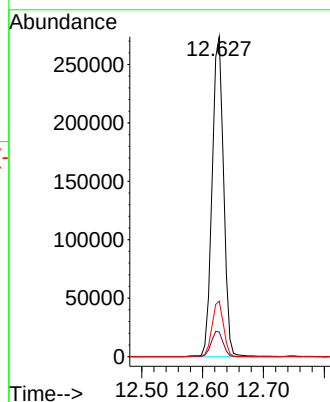
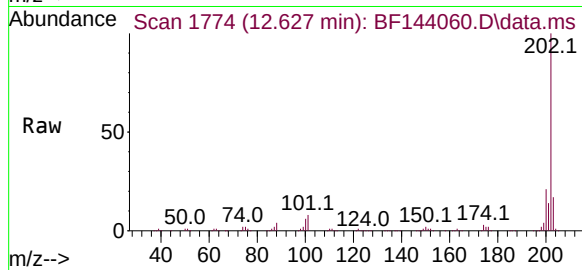




#75  
Fluoranthene  
Concen: 40.917 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

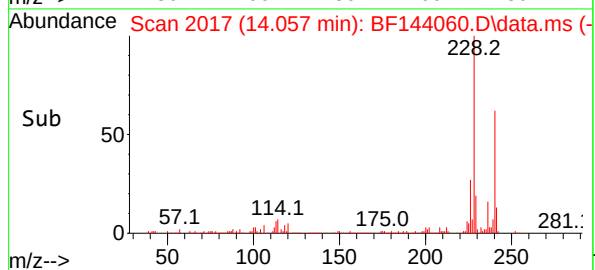
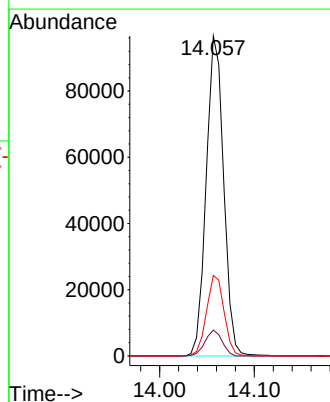
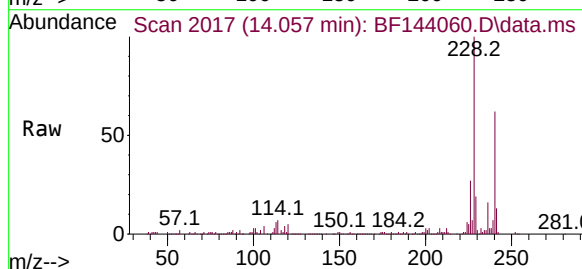
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

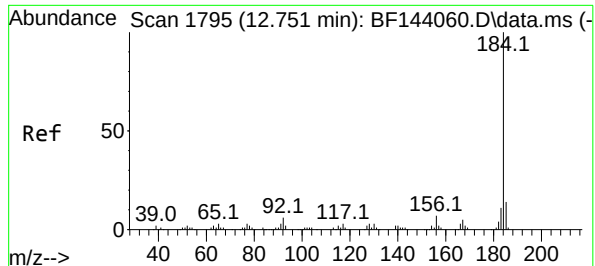
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.7   | 0.0   | 27.7  |
| 203     | 17.3  | 0.0   | 37.3  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.1   | 6.5   | 9.7   |
| 236     | 25.1  | 20.1  | 30.1  |





#77

Benzidine

Concen: 42.766 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

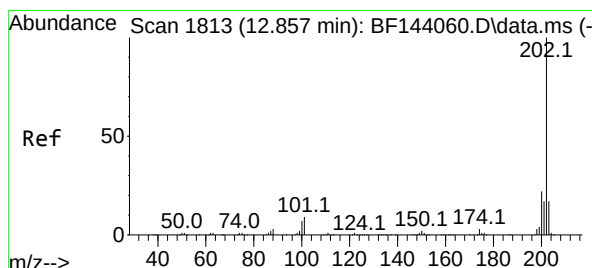
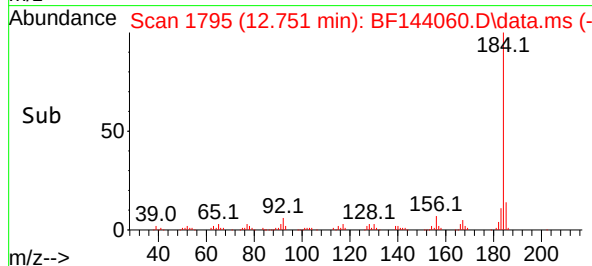
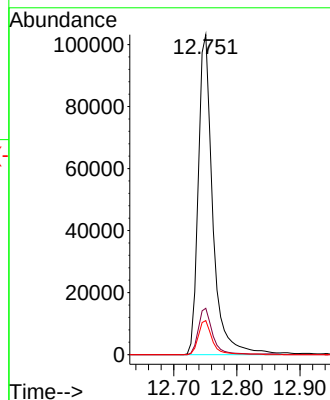
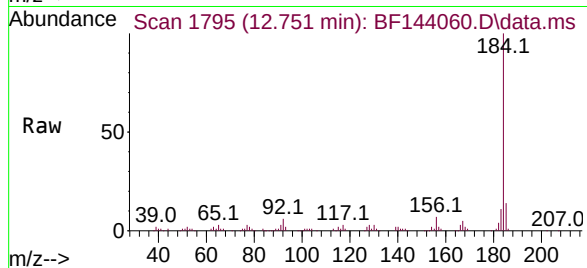
Tgt Ion:184 Resp: 164527

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 10.6 8.5 12.7



#78

Pyrene

Concen: 42.300 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

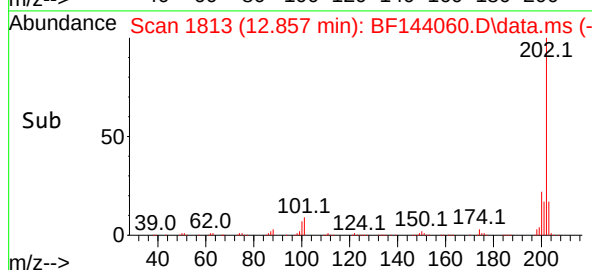
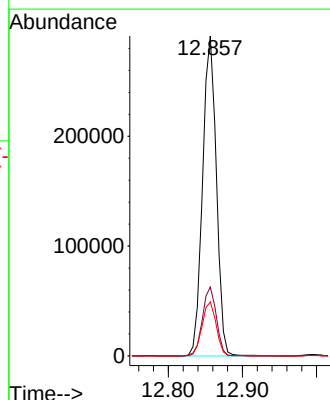
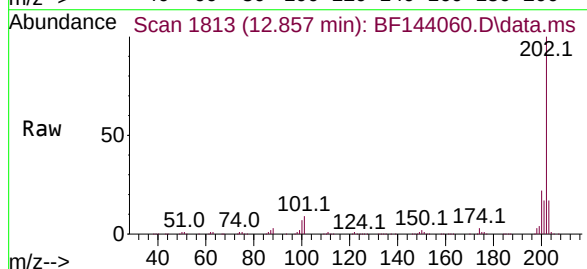
Tgt Ion:202 Resp: 375923

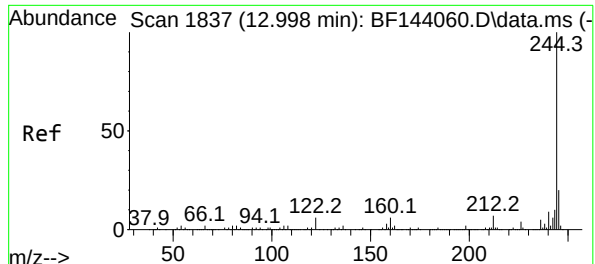
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 84.737 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

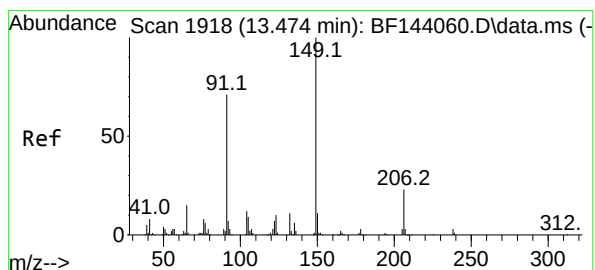
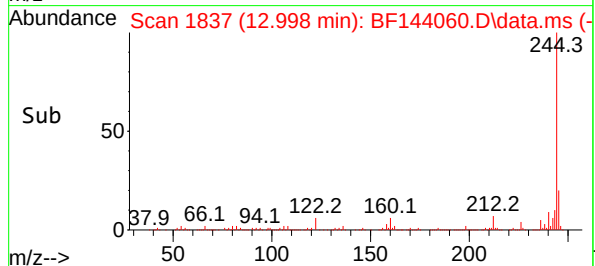
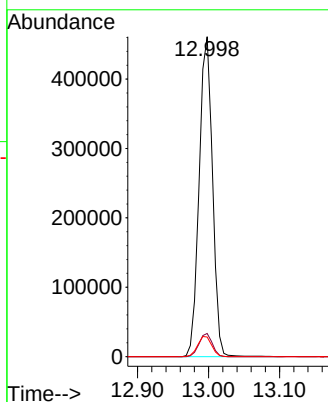
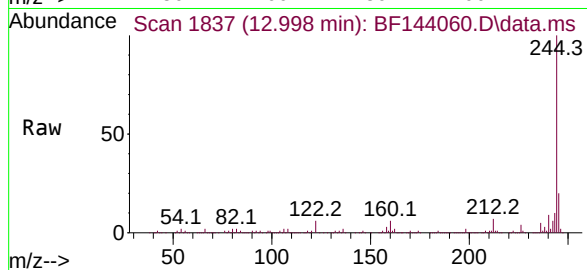
Tgt Ion:244 Resp: 599175

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 44.204 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

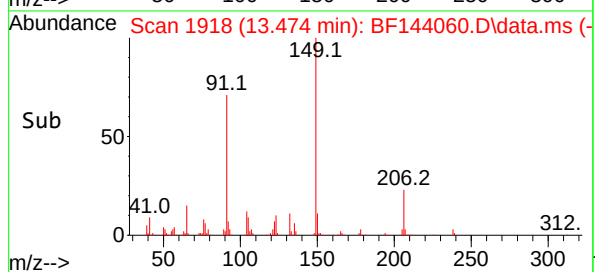
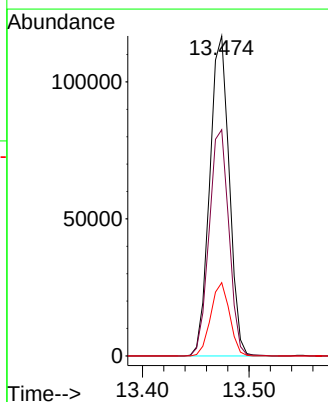
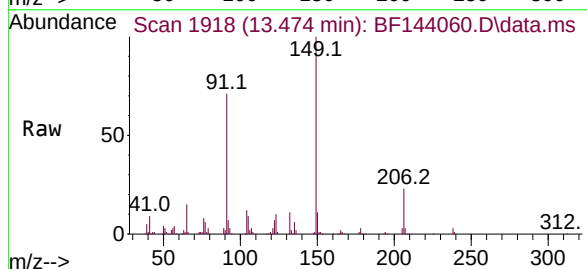
Tgt Ion:149 Resp: 148621

Ion Ratio Lower Upper

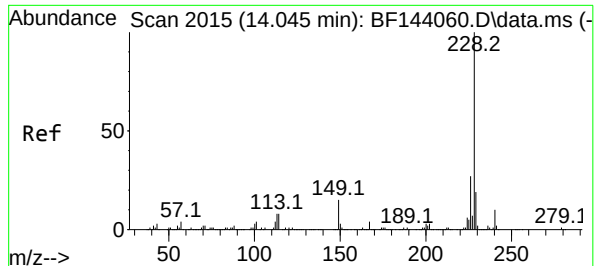
149 100

91 70.7 56.6 84.8

206 22.9 18.3 27.5



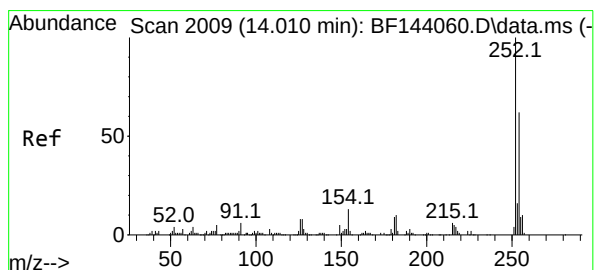
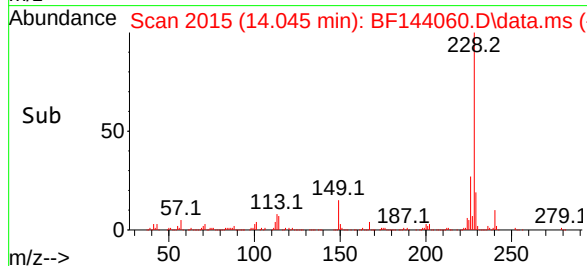
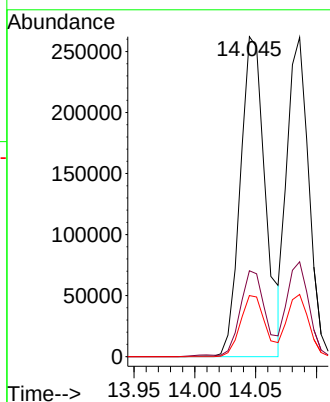
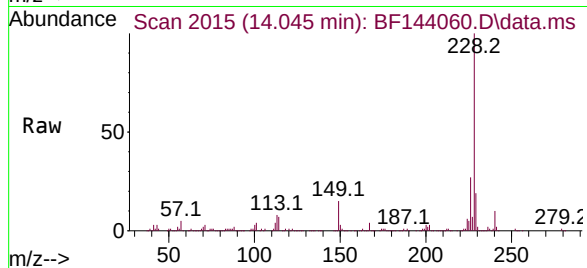




#81  
Benzo(a)anthracene  
Concen: 44.863 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

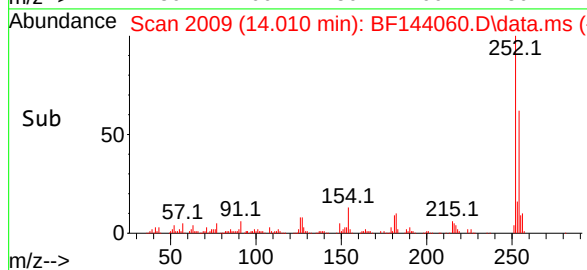
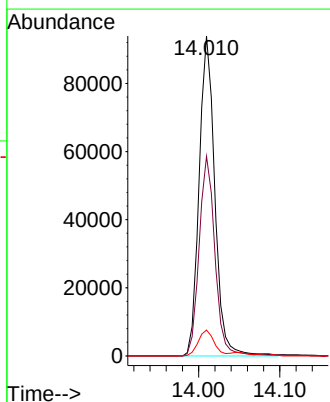
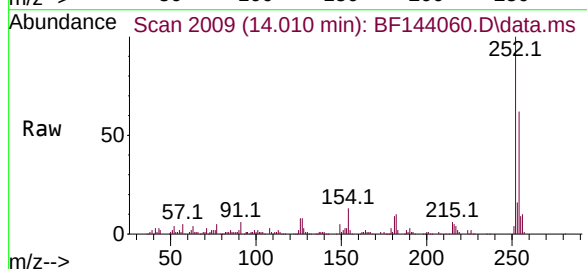
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

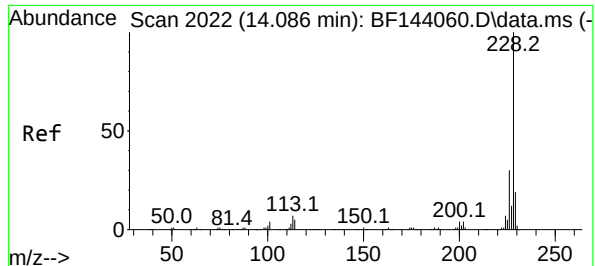
Tgt Ion:228 Resp: 374791  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.4 32.2  
229 19.1 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 43.337 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:252 Resp: 126028  
Ion Ratio Lower Upper  
252 100  
254 62.4 49.9 74.9  
126 8.1 6.5 9.7

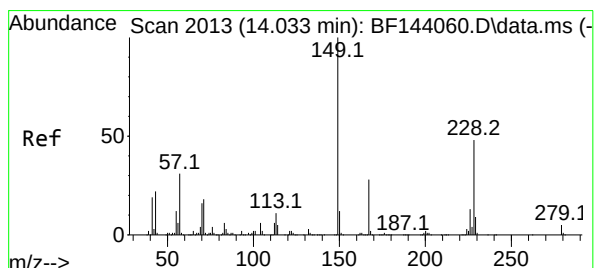
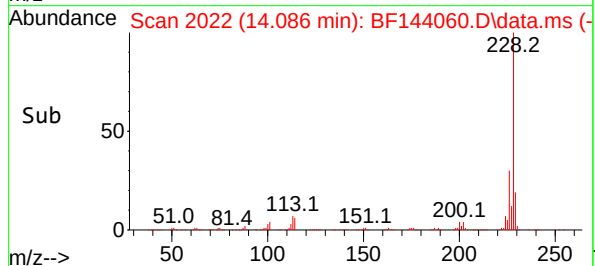
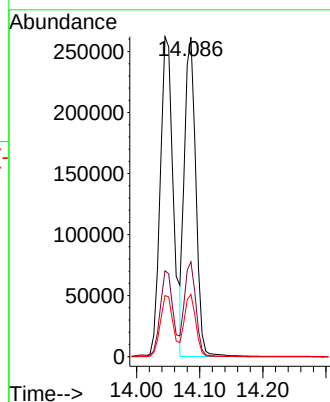
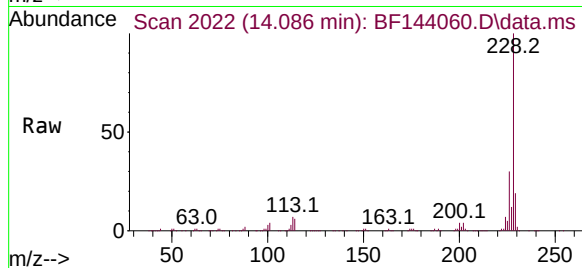




#83  
Chrysene  
Concen: 41.590 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

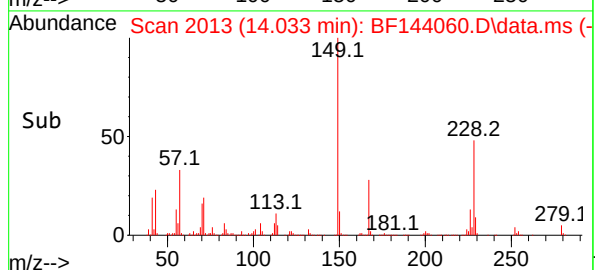
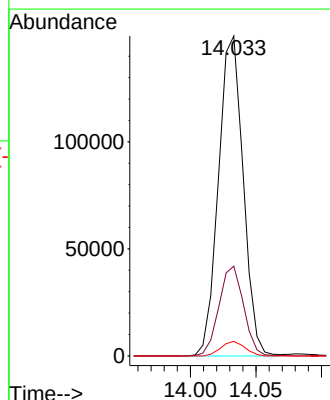
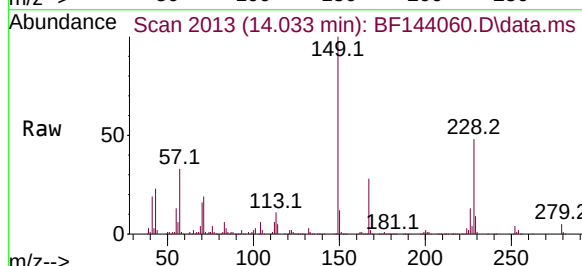
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

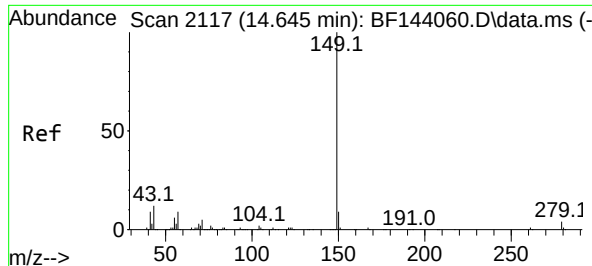
Tgt Ion:228 Resp: 326041  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.8 35.6  
229 19.5 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.805 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

Tgt Ion:149 Resp: 196471  
Ion Ratio Lower Upper  
149 100  
167 28.1 22.5 33.7  
279 4.5 3.6 5.4

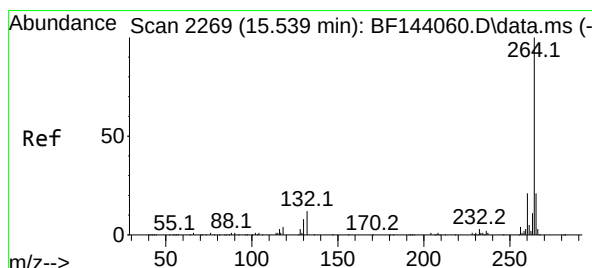
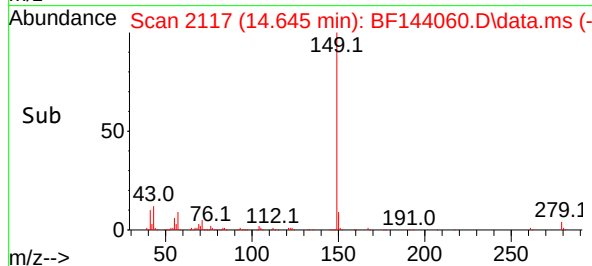
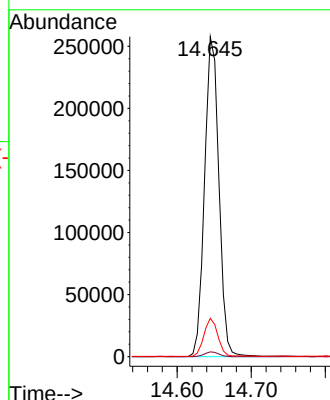
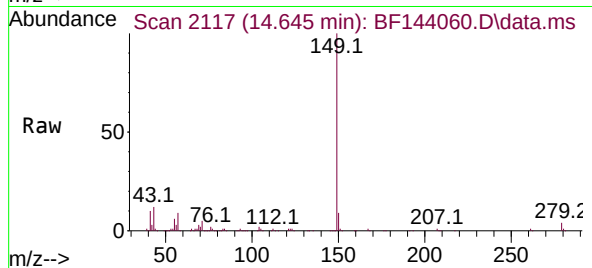




#85  
Di-n-octyl phthalate  
Concen: 43.804 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

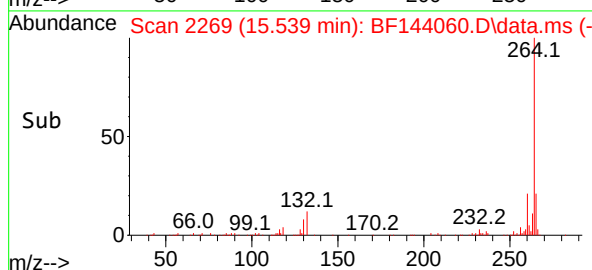
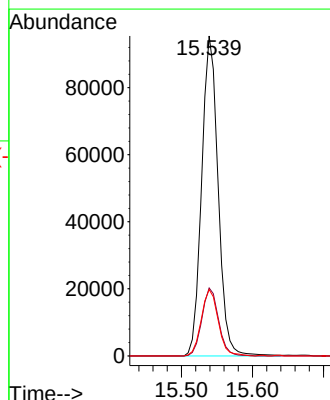
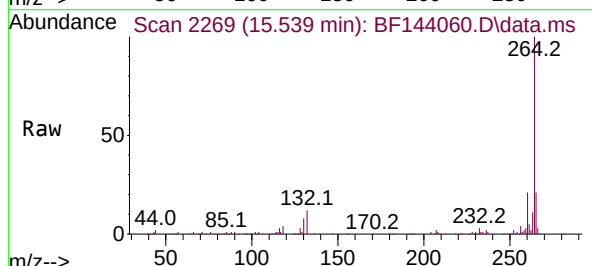
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

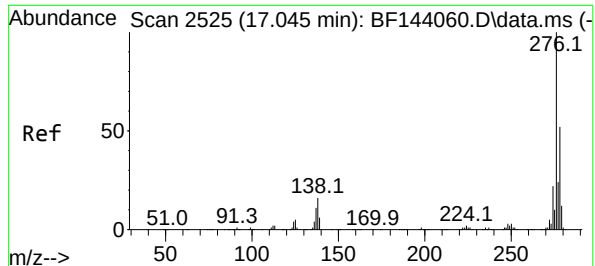
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 11.6  | 9.3   | 13.9  |



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF144060.D  
Acq: 24 Oct 2025 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.2  | 17.0  | 25.4  |
| 265     | 20.7  | 16.6  | 24.8  |





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.020 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

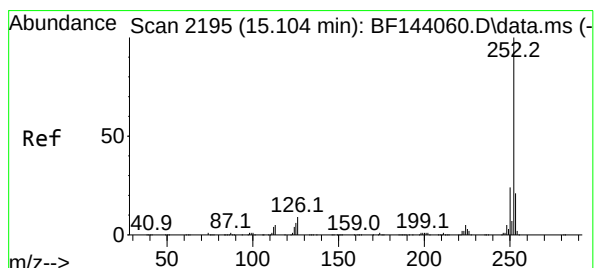
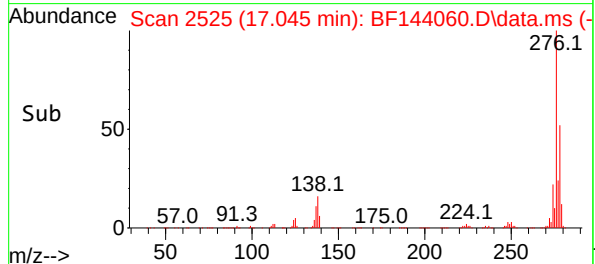
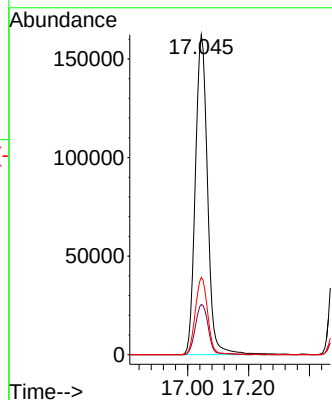
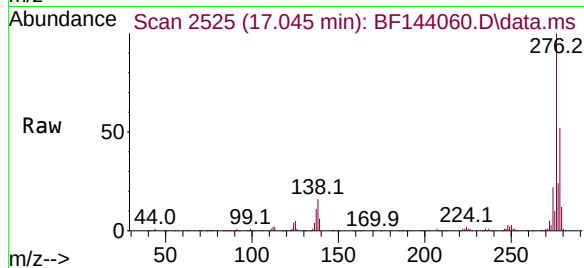
Tgt Ion:276 Resp: 451467

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 44.700 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

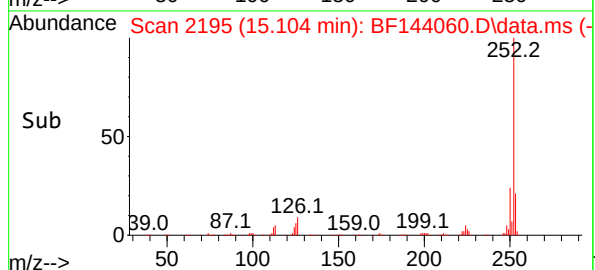
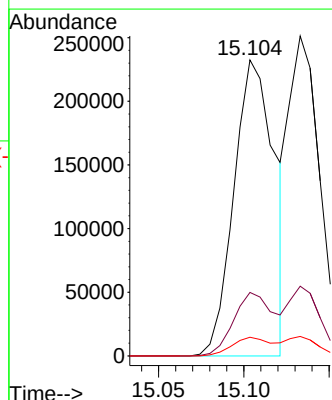
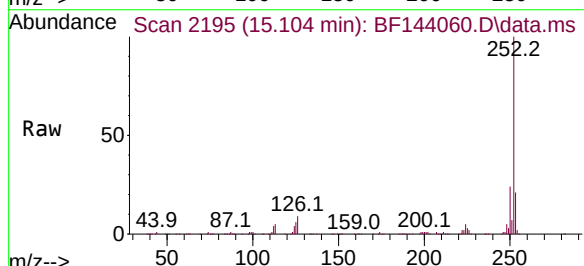
Tgt Ion:252 Resp: 386268

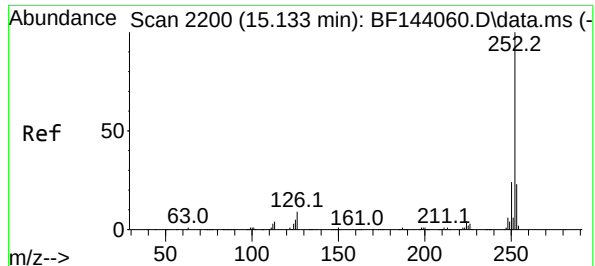
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 6.3 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 40.621 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

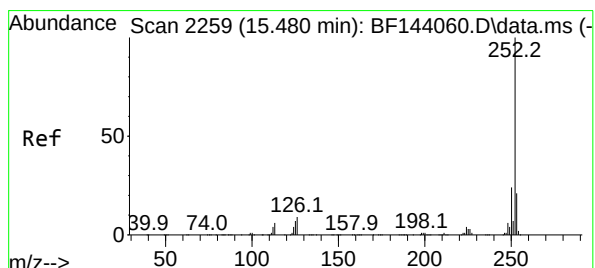
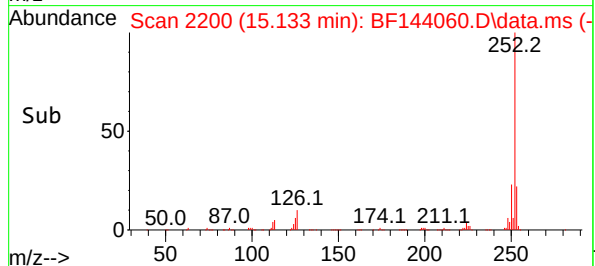
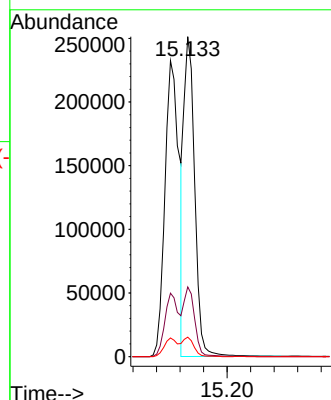
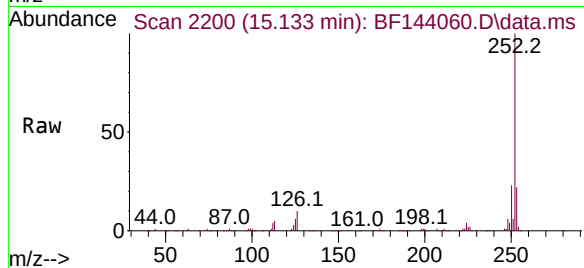
Tgt Ion:252 Resp: 323867

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.1 4.9 7.3



#90

Benzo(a)pyrene

Concen: 42.927 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

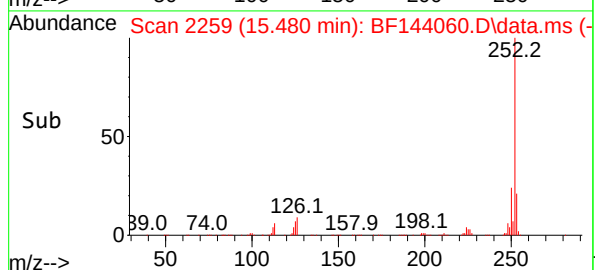
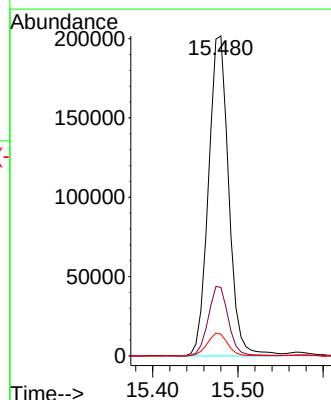
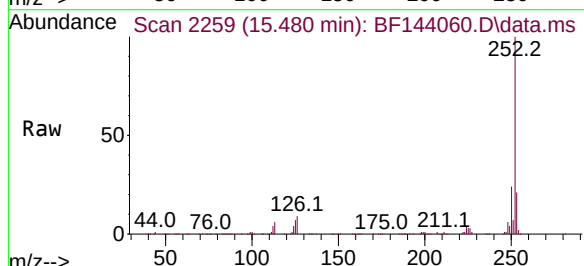
Tgt Ion:252 Resp: 332791

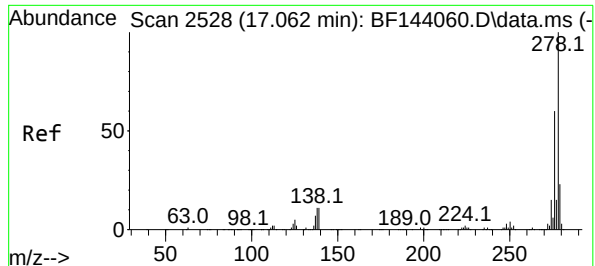
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.8 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.914 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

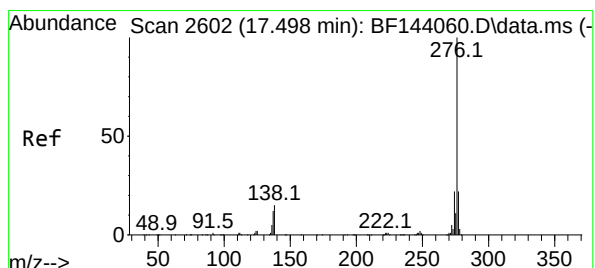
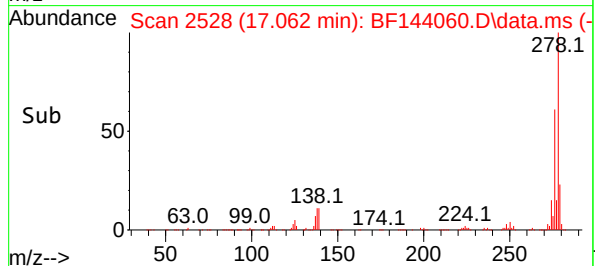
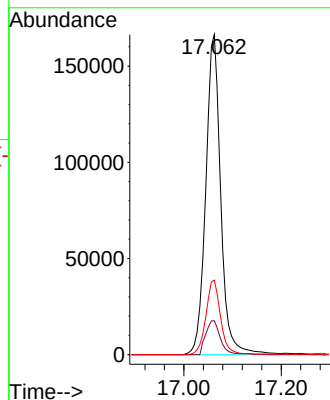
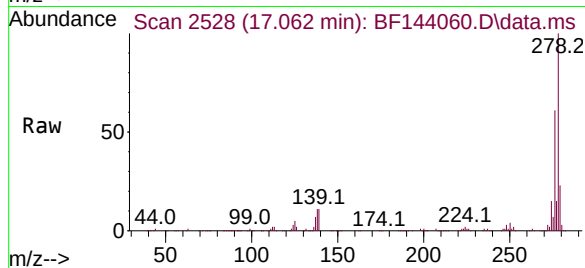
Tgt Ion:278 Resp: 356487

Ion Ratio Lower Upper

278 100

139 10.6 8.5 12.7

279 23.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.758 ng

RT: 17.498 min Scan# 2602

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

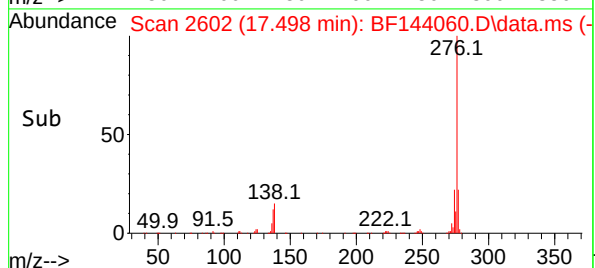
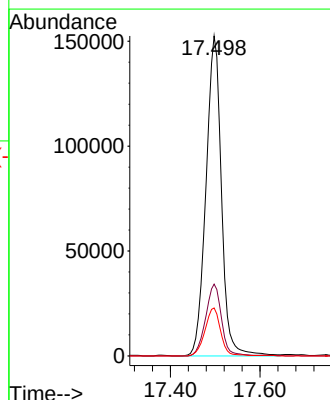
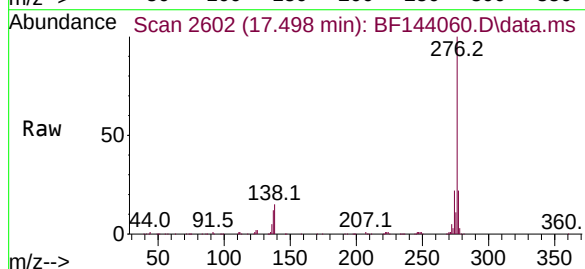
Tgt Ion:276 Resp: 365458

Ion Ratio Lower Upper

276 100

277 22.4 17.9 26.9

138 15.0 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144061.D  
 Acq On : 24 Oct 2025 13:34  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Oct 24 17:04:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 52198    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 187852   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 95790    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 163068   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 133555   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 170761   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 303472   | 91.982 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 336307   | 92.298 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 314744   | 91.795 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 115501   | 94.659 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 618497   | 90.861 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 669013   | 87.573 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 67694    | 47.481 | ng    | 99       |
| 3) Pyridine                   | 3.399  | 79   | 186251   | 48.798 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 108941   | 46.451 | ng    | 96       |
| 6) Aniline                    | 6.545  | 93   | 236051   | 45.283 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 146647   | 45.134 | ng    | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 125111   | 44.224 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 205466   | 45.707 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 147198   | 45.316 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 184614   | 46.062 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 178849   | 45.279 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 176825   | 46.267 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 137745   | 46.492 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 280440   | 45.937 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 114018   | 45.627 | ng    | 96       |
| 18) Hexachloroethane          | 7.392  | 117  | 66036    | 46.762 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 104565   | 44.378 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 135141   | 45.746 | ng    | 96       |
| 22) Acetophenone              | 7.287  | 105  | 186463   | 45.930 | ng    | 99       |
| 24) Nitrobenzene              | 7.463  | 77   | 169181   | 46.643 | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 274478   | 45.788 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 78217    | 45.330 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 119169   | 46.475 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 171275   | 45.816 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 137586   | 46.140 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 141259   | 46.047 | ng    | 100      |
| 31) Naphthalene               | 8.187  | 128  | 400308   | 45.150 | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 68843    | 42.326 | ng    | 90       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 139897   | 45.326 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 113173   | 45.117 | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 33776    | 45.169 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 120661   | 45.853 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 257754   | 44.094 | ng    | 95       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 245890   | 44.400 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 150659   | 45.764 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 49167    | 48.354 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 102347   | 47.829 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144061.D  
 Acq On : 24 Oct 2025 13:34  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Oct 24 17:04:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

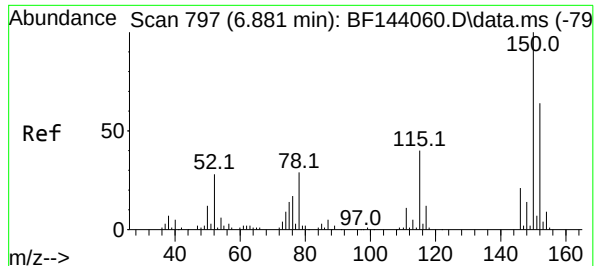
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 102322   | 45.562 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 315397   | 45.996 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 263764   | 45.914 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 79650    | 46.691 | ng    | 93       |
| 49) Acenaphthylene            | 9.781  | 152  | 353529   | 45.641 | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 291936   | 46.495 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 60313    | 48.590 | ng    | 98       |
| 52) Acenaphthene              | 9.951  | 154  | 239254   | 46.250 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 67246    | 48.727 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 27746    | 41.328 | ng    | 95       |
| 55) Dibenzofuran              | 10.122 | 168  | 333154   | 46.390 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.028 | 139  | 41829    | 44.760 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 80539    | 48.075 | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 249298   | 45.558 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 77175    | 48.766 | ng    | # 97     |
| 60) Diethylphthalate          | 10.339 | 149  | 274281   | 46.451 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 141601   | 46.015 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 62266    | 47.618 | ng    | 99       |
| 63) Azobenzene                | 10.622 | 77   | 264030   | 47.243 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 46938    | 44.864 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 240557   | 46.171 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 93911    | 45.996 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 111943   | 44.706 | ng    | 96       |
| 69) Atrazine                  | 11.104 | 200  | 75502    | 44.162 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 58380    | 48.981 | ng    | 98       |
| 71) Phenanthrene              | 11.433 | 178  | 374285   | 46.205 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 380096   | 45.423 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 333654   | 46.845 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 408630   | 46.795 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 406402   | 45.411 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 171303   | 41.214 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 432441   | 45.038 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 164976   | 45.417 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 402629   | 44.609 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 134912   | 42.940 | ng    | 95       |
| 83) Chrysene                  | 14.086 | 228  | 393508   | 46.461 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 230343   | 46.450 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 393623   | 46.156 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 552781   | 47.151 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 450302   | 46.646 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 386955   | 43.445 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 402167   | 46.436 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 437275   | 47.119 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 436689   | 46.804 | ng    | 99       |

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



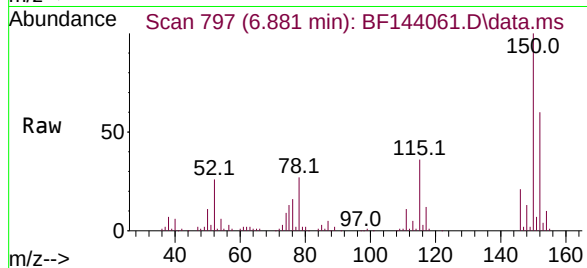
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC050

[illegible]

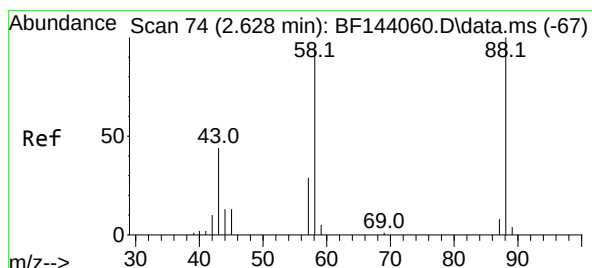
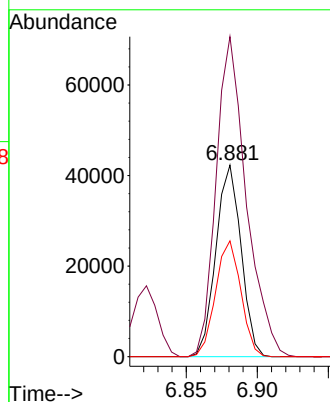
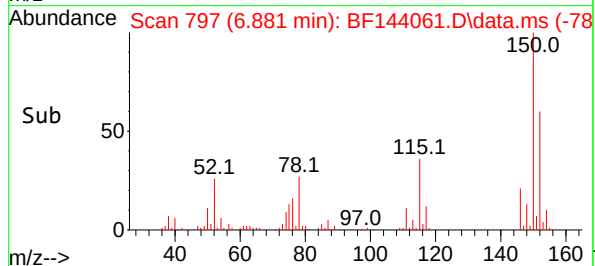


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

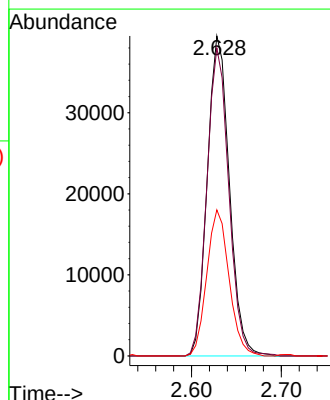
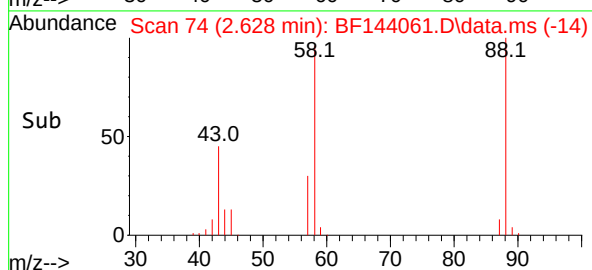
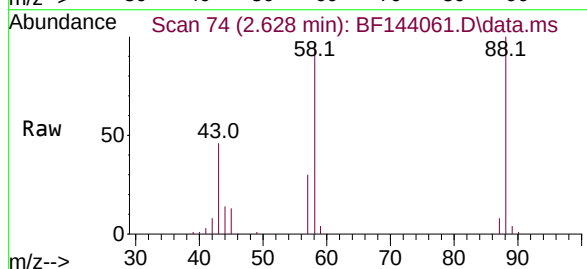


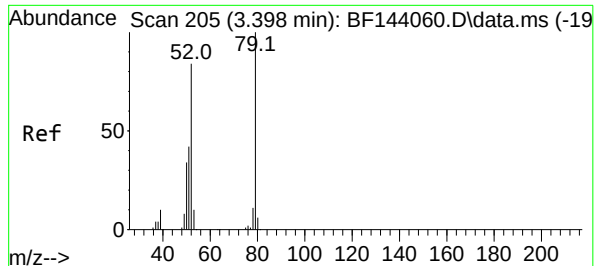
Tgt Ion:152 Resp: 52198  
Ion Ratio Lower Upper  
152 100  
150 167.1 124.4 186.6  
115 60.5 49.4 74.0



#2  
1,4-Dioxane  
Concen: 47.481 ng  
RT: 2.628 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion: 88 Resp: 67694  
Ion Ratio Lower Upper  
88 100  
58 95.6 76.5 114.7  
43 46.0 35.3 52.9





#3

Pyridine

Concen: 48.798 ng

RT: 3.399 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

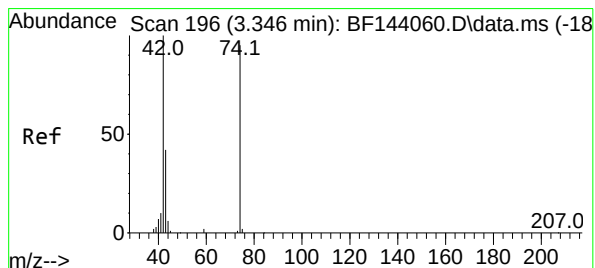
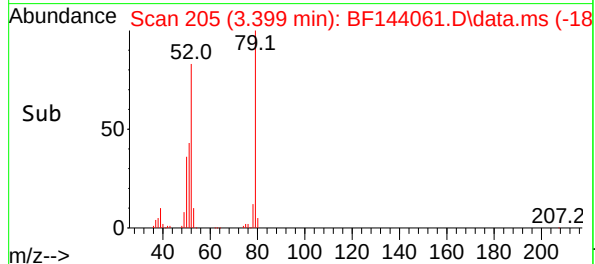
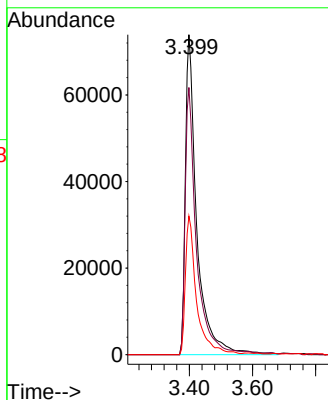
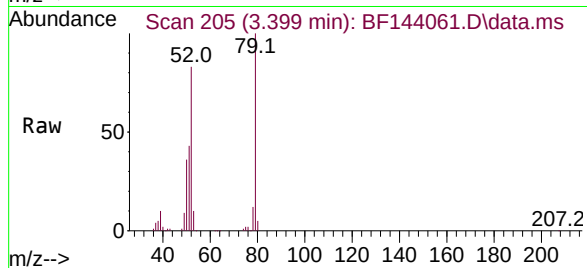
Tgt Ion: 79 Resp: 186251

Ion Ratio Lower Upper

79 100

52 83.5 67.5 101.3

51 43.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 46.451 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

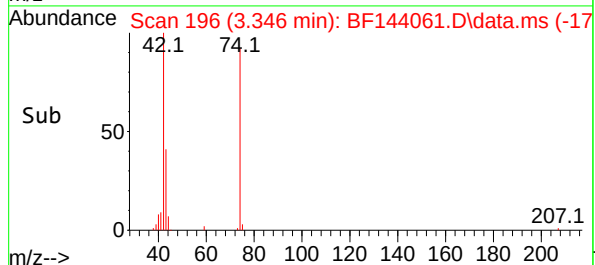
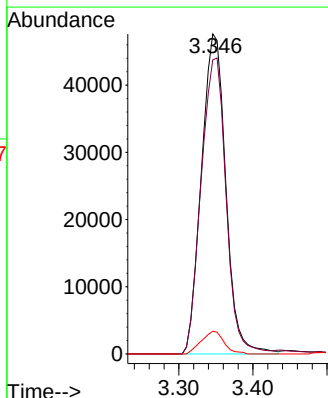
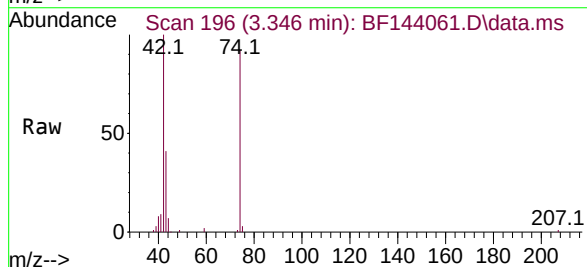
Tgt Ion: 42 Resp: 108941

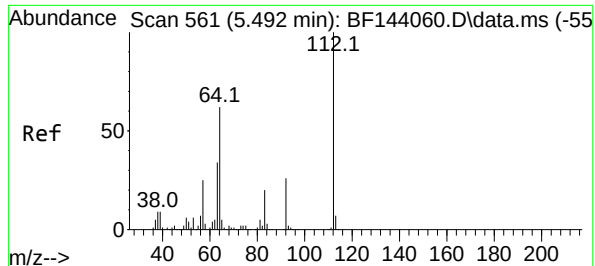
Ion Ratio Lower Upper

42 100

74 91.9 76.4 114.6

44 7.1 5.2 7.8

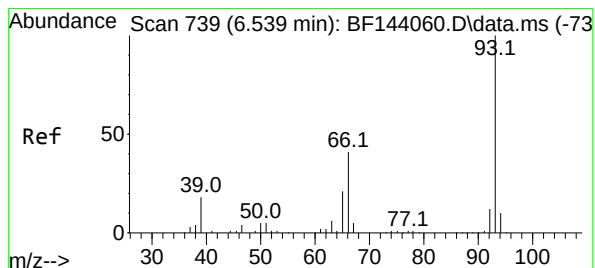
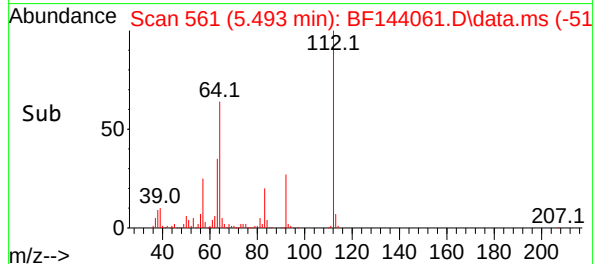
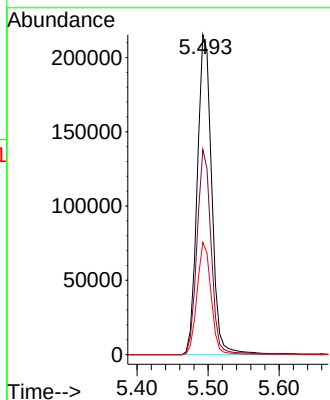
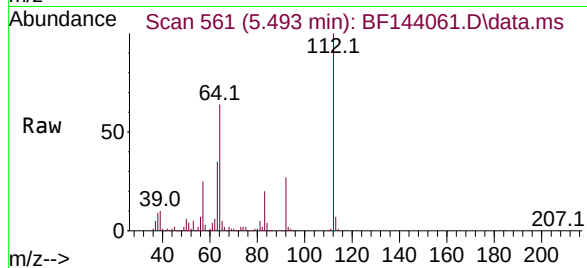




#5  
2-Fluorophenol  
Concen: 91.982 ng  
RT: 5.493 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

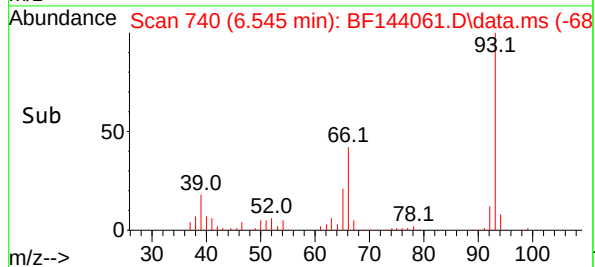
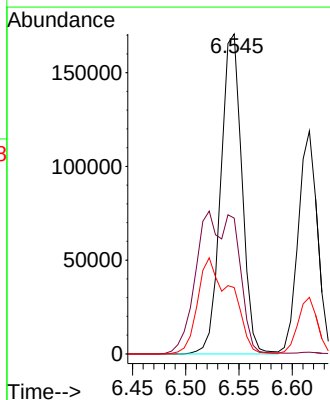
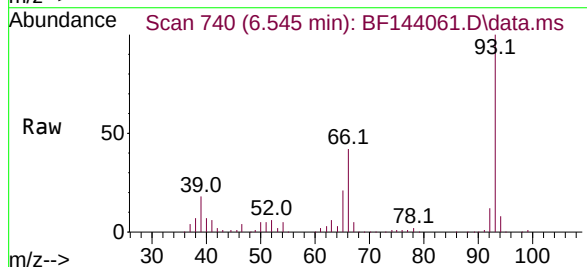
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

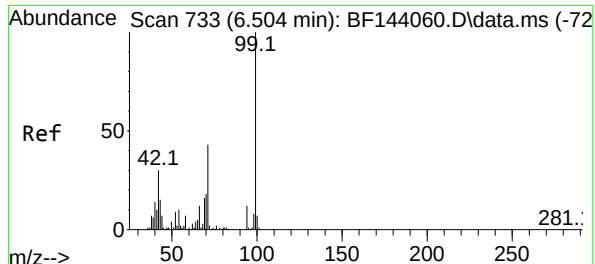
Tgt Ion:112 Resp: 303472  
Ion Ratio Lower Upper  
112 100  
64 64.1 49.8 74.8  
63 35.1 27.4 41.2



#6  
Aniline  
Concen: 45.283 ng  
RT: 6.545 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion: 93 Resp: 236051  
Ion Ratio Lower Upper  
93 100  
66 42.4 35.7 53.5  
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 92.298 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

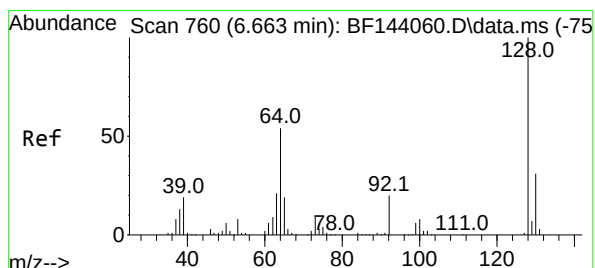
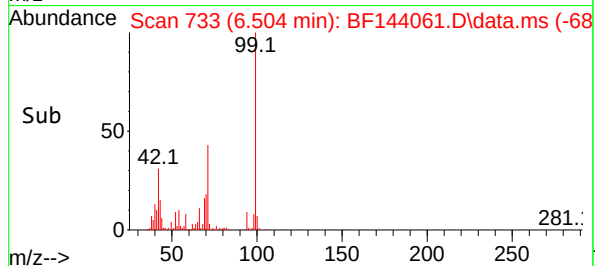
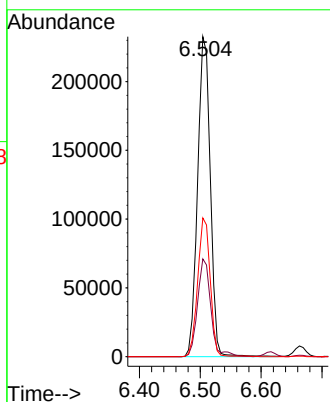
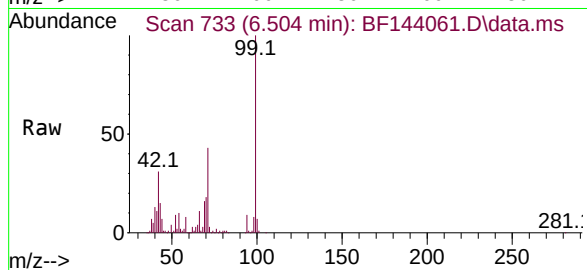
Tgt Ion: 99 Resp: 336307

Ion Ratio Lower Upper

99 100

42 30.5 23.9 35.9

71 43.3 34.4 51.6



#8

2-Chlorophenol

Concen: 45.134 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

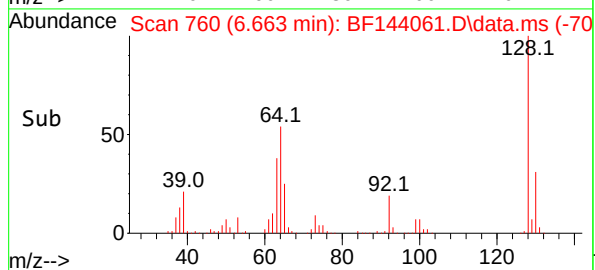
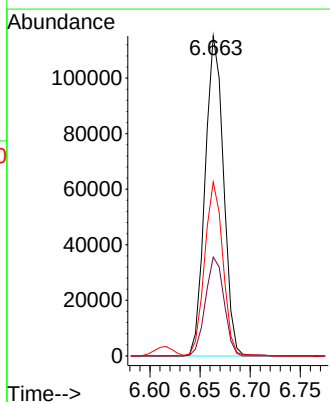
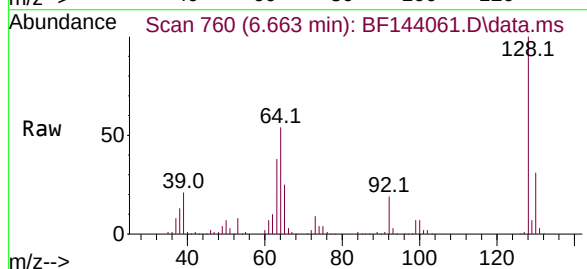
Tgt Ion: 128 Resp: 146647

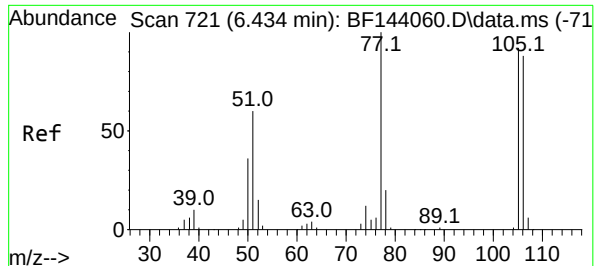
Ion Ratio Lower Upper

128 100

130 30.9 10.7 50.7

64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 44.224 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

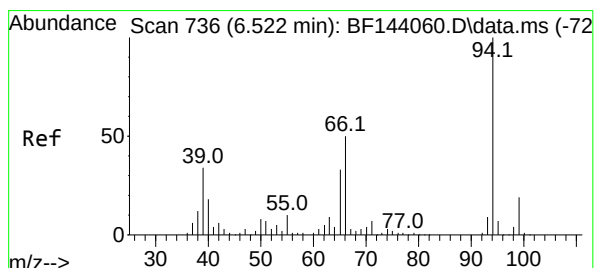
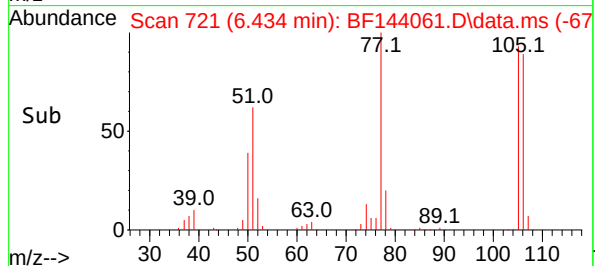
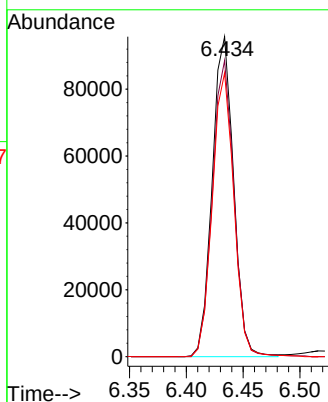
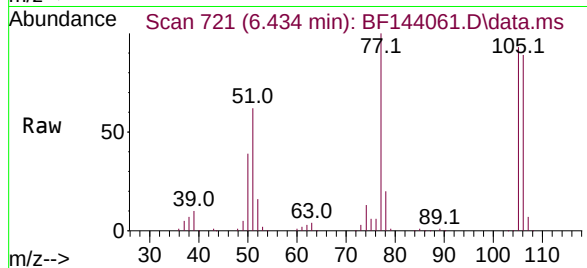
Tgt Ion: 77 Resp: 125111

Ion Ratio Lower Upper

77 100

105 92.5 72.2 112.2

106 88.6 67.9 107.9



#10

Phenol

Concen: 45.707 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

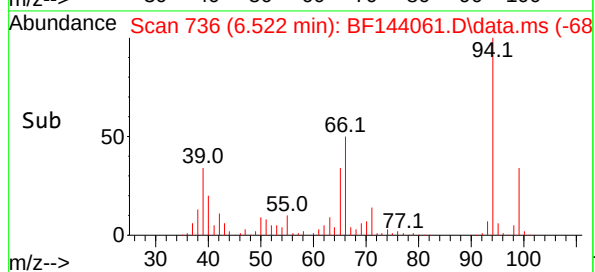
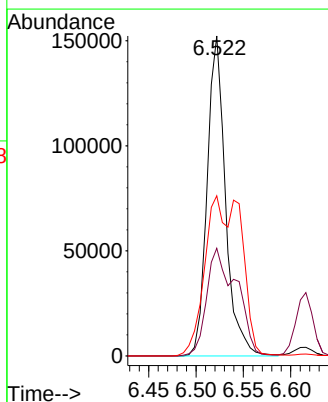
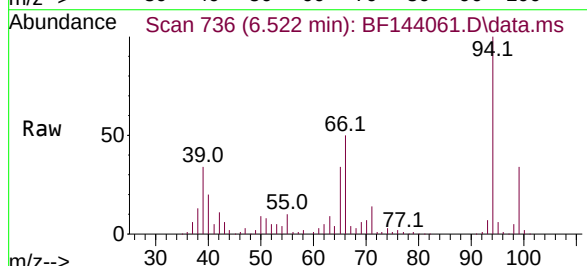
Tgt Ion: 94 Resp: 205466

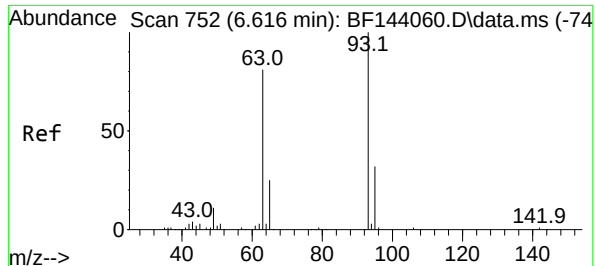
Ion Ratio Lower Upper

94 100

65 33.6 13.1 53.1

66 50.0 30.6 70.6

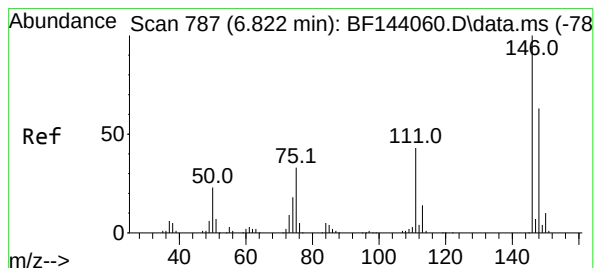
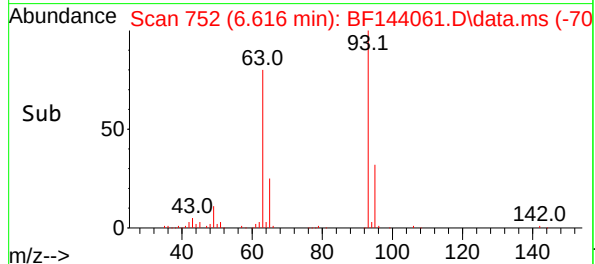
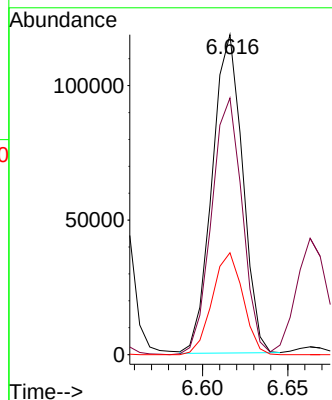
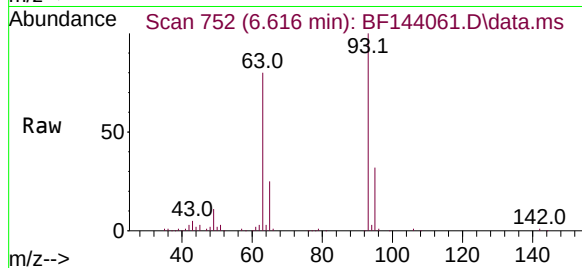




#11  
bis(2-Chloroethyl)ether  
Concen: 45.316 ng  
RT: 6.616 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

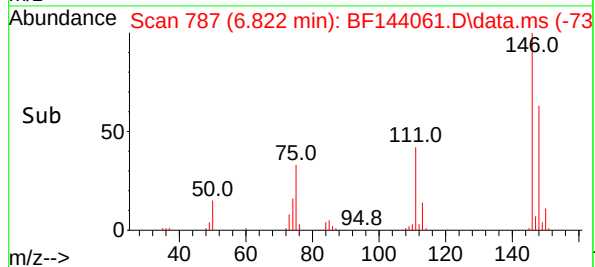
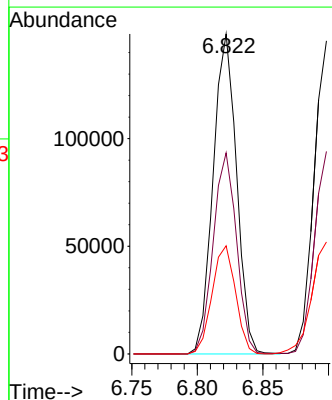
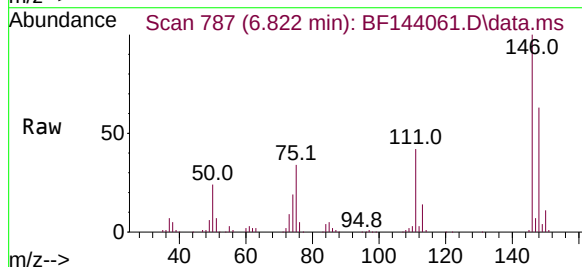
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

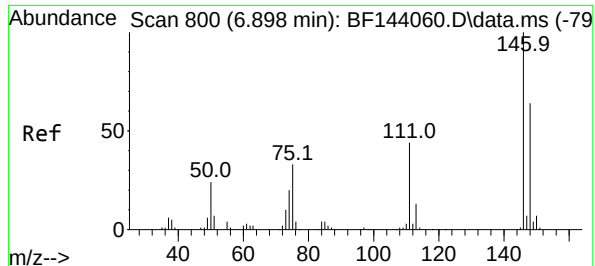
| Tgt Ion | 93   | Ratio | 100  | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 93      | 100  |       |      |       |       |
| 63      | 80.2 |       | 60.2 | 100.2 |       |
| 95      | 31.8 |       | 12.4 | 52.4  |       |



#12  
1,3-Dichlorobenzene  
Concen: 46.062 ng  
RT: 6.822 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

| Tgt Ion | 146  | Ratio | 100  | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 146     | 100  |       |      |       |       |
| 148     | 62.8 |       | 50.6 | 75.8  |       |
| 75      | 33.8 |       | 26.6 | 40.0  |       |





#13

1,4-Dichlorobenzene

Concen: 45.279 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

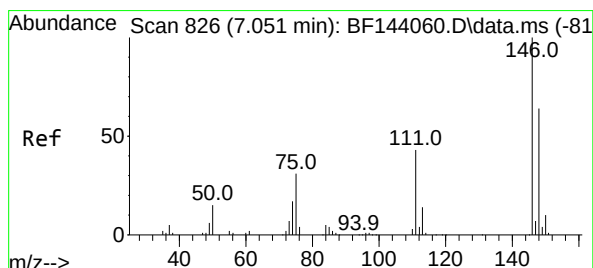
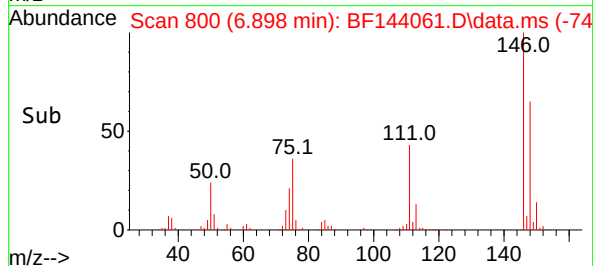
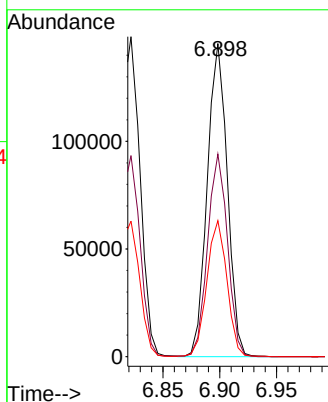
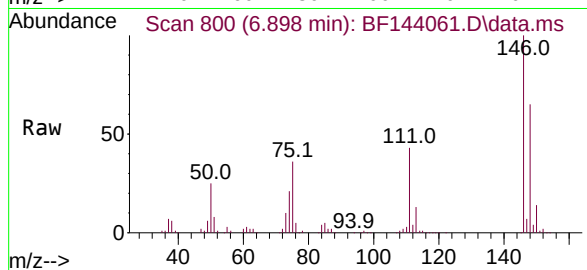
Tgt Ion:146 Resp: 178849

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 43.4 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 46.267 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

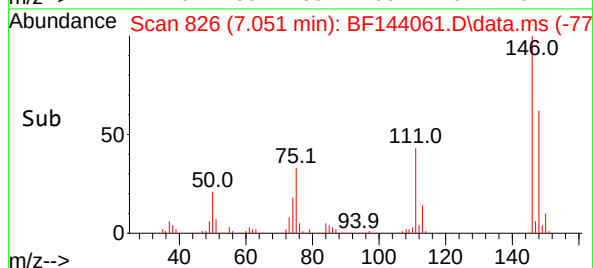
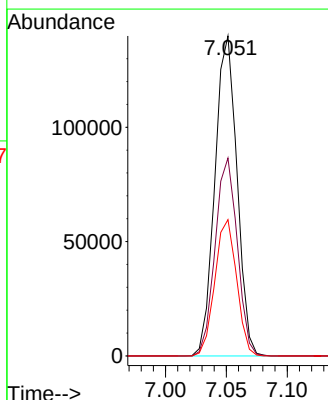
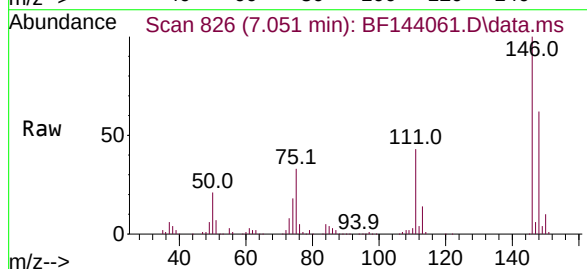
Tgt Ion:146 Resp: 176825

Ion Ratio Lower Upper

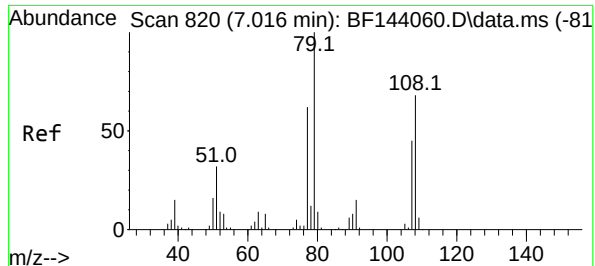
146 100

148 61.8 50.8 76.2

111 42.6 34.7 52.1



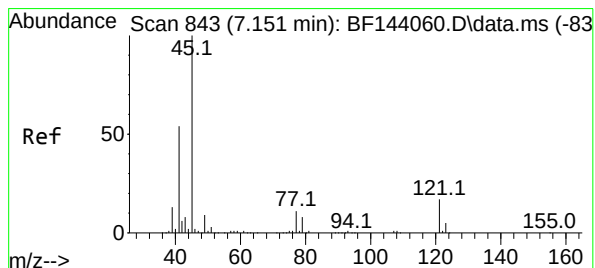
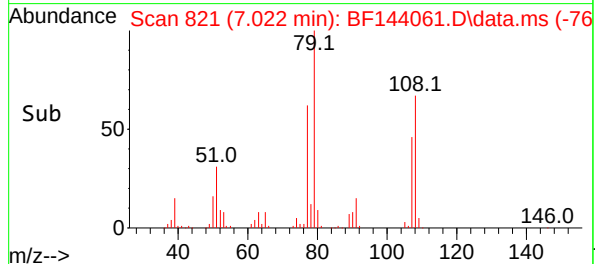
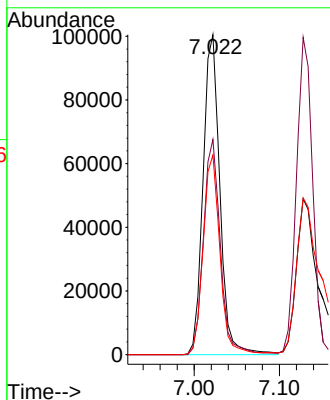
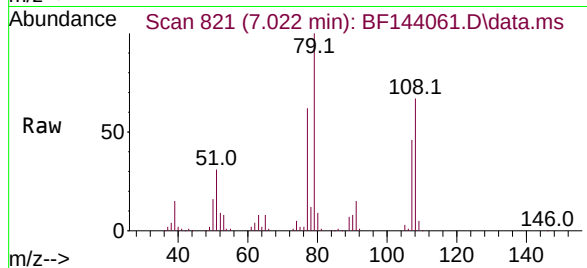




#15  
Benzyl Alcohol  
Concen: 46.492 ng  
RT: 7.022 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

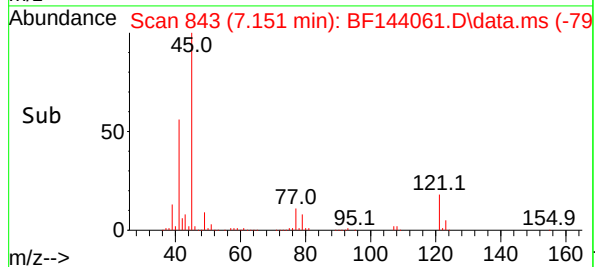
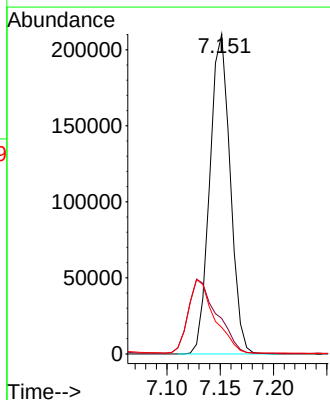
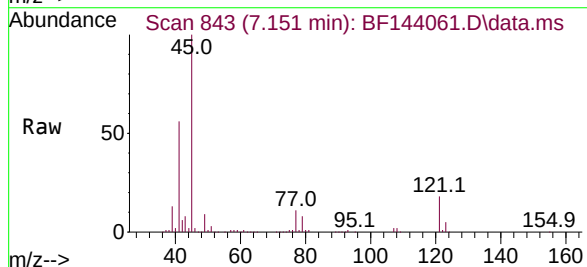
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

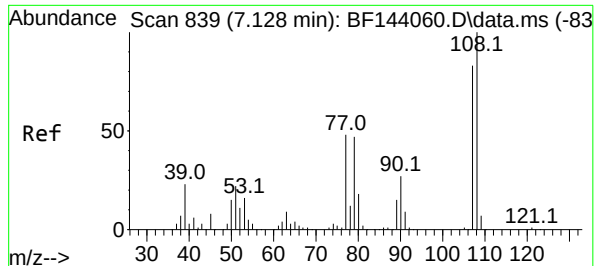
Tgt Ion: 79 Resp: 137745  
Ion Ratio Lower Upper  
79 100  
108 67.2 54.8 82.2  
77 62.4 49.4 74.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 45.937 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion: 45 Resp: 280440  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 30.9  
79 8.3 0.0 28.2

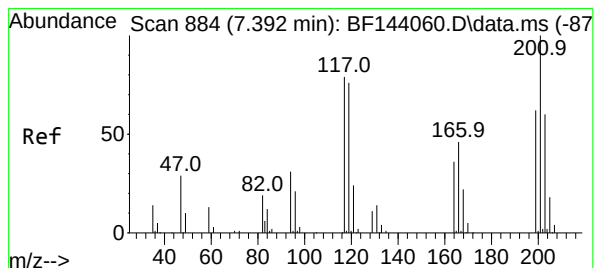
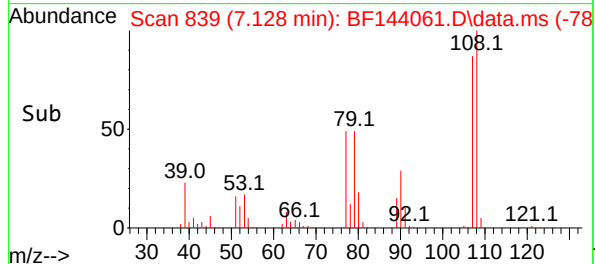
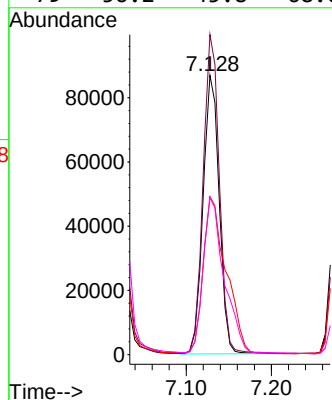
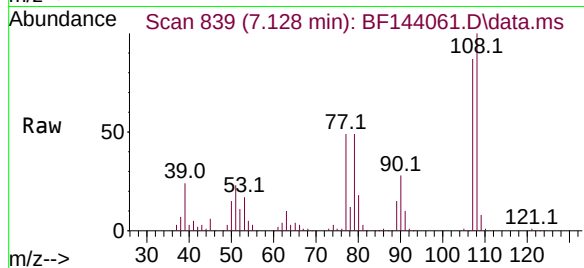




#17  
2-Methylphenol  
Concen: 45.627 ng  
RT: 7.128 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

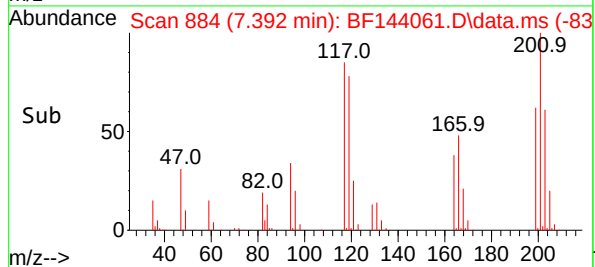
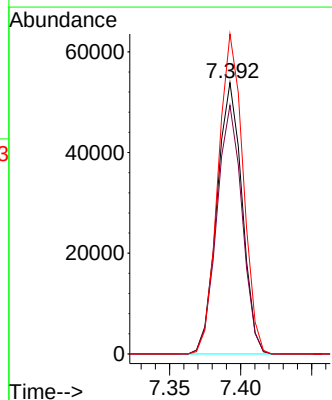
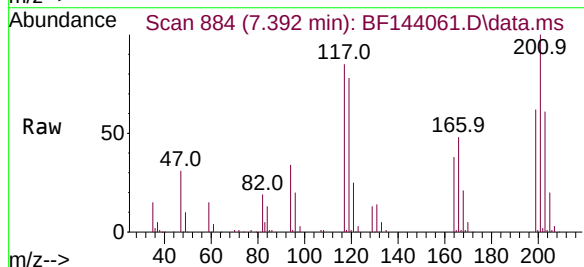
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

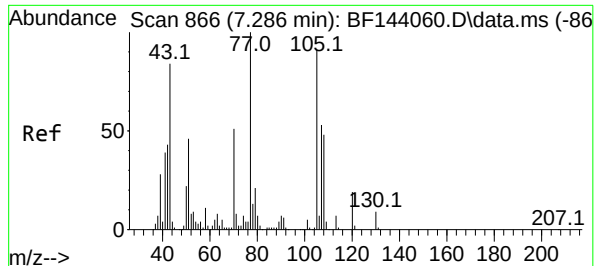
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 114018 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.6 | 96.4  | 144.6  |
| 77       | 56.6  | 46.8  | 70.2   |
| 79       | 56.2  | 45.8  | 68.6   |



#18  
Hexachloroethane  
Concen: 46.762 ng  
RT: 7.392 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 66036 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.6  | 76.6  | 115.0 |
| 201      | 117.9 | 100.9 | 151.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 44.378 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144061.D

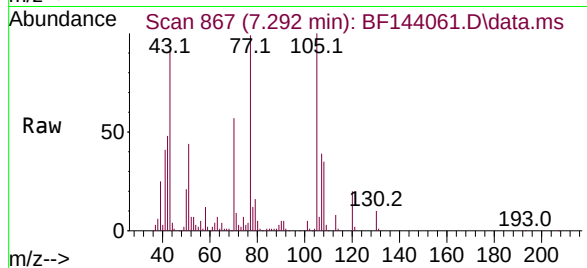
Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 104565

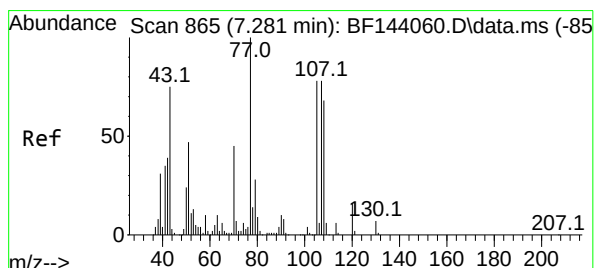
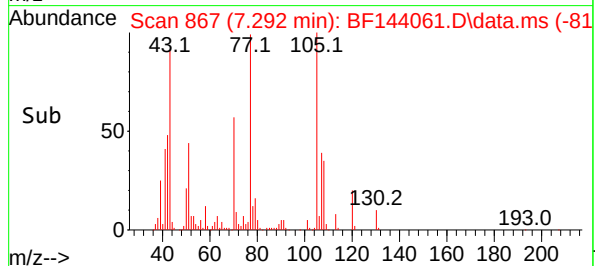
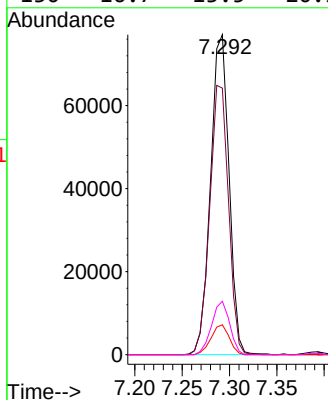
Ion Ratio Lower Upper

70 100

42 83.3 67.4 101.0

101 9.3 7.1 10.7

130 16.7 13.5 20.3



#20

3+4-Methylphenols

Concen: 45.746 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion: 107 Resp: 135141

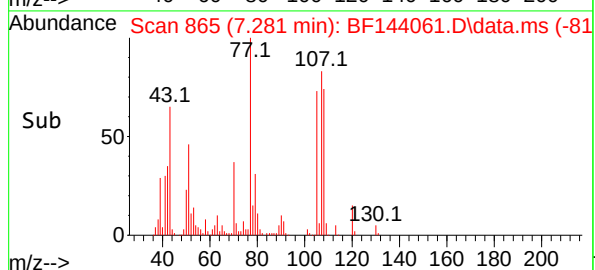
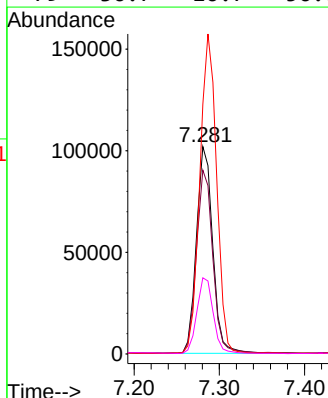
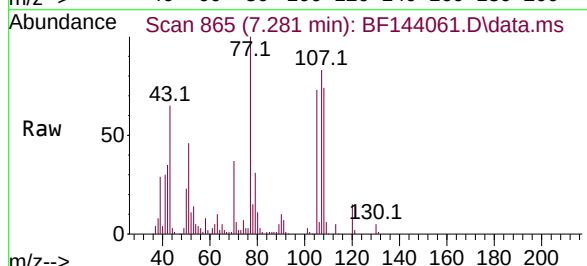
Ion Ratio Lower Upper

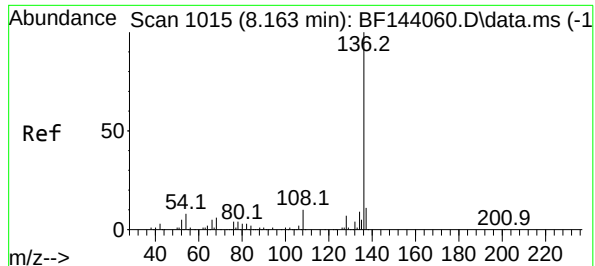
107 100

108 88.6 68.0 108.0

77 120.4 108.7 148.7

79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 187852

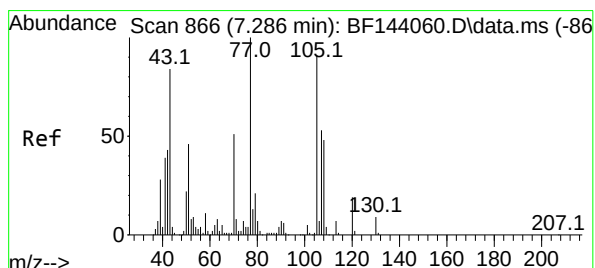
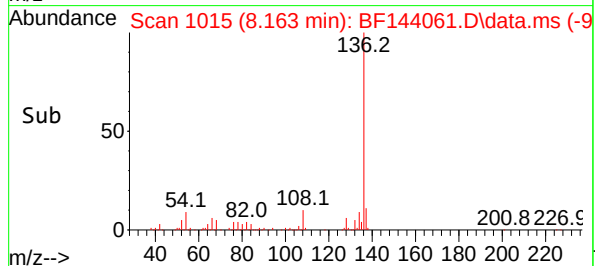
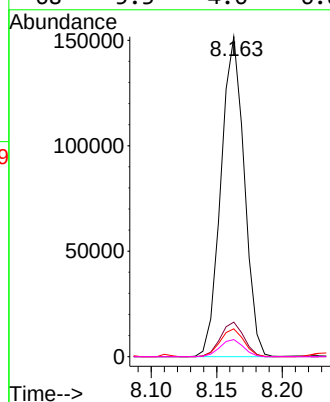
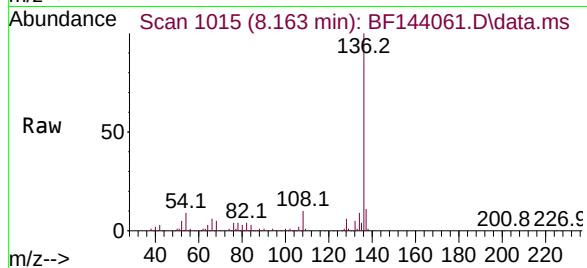
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 6.6 9.8

68 5.3 4.6 6.8



#22

Acetophenone

Concen: 45.930 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:105 Resp: 186463

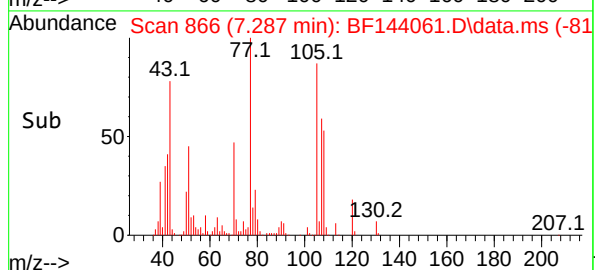
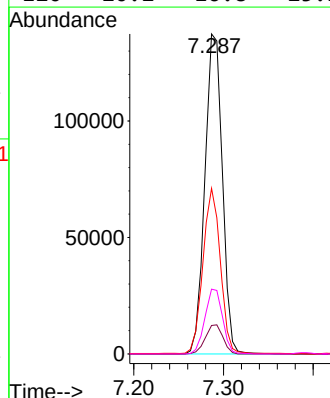
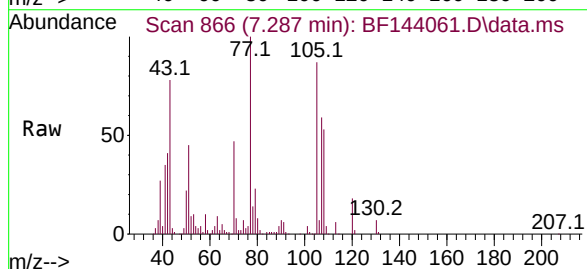
Ion Ratio Lower Upper

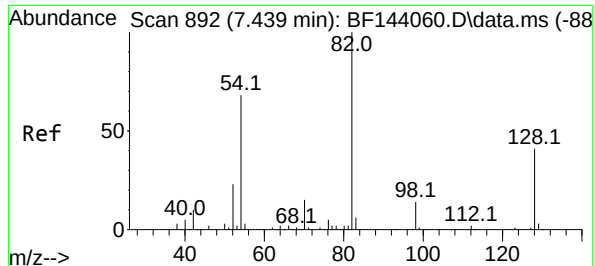
105 100

71 8.9 6.9 10.3

51 51.7 40.6 60.8

120 20.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 91.795 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

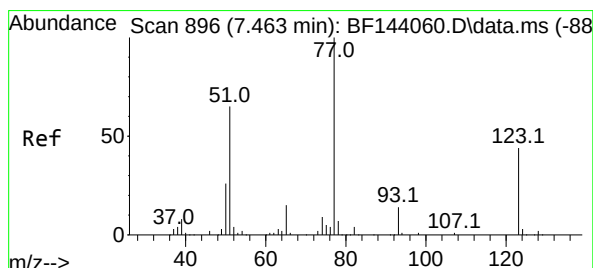
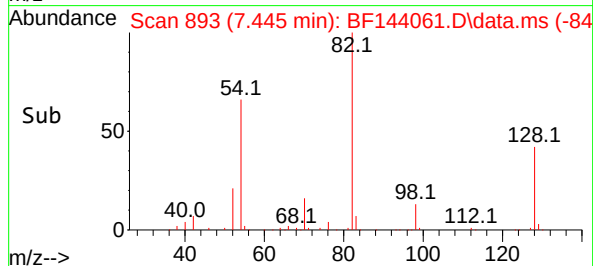
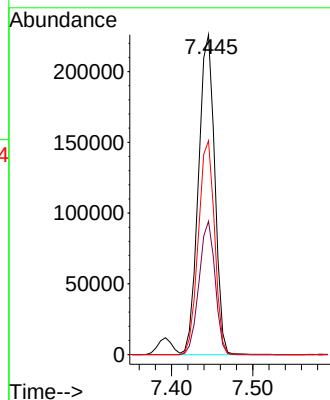
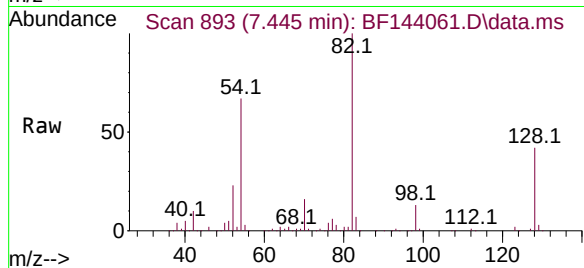
BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 314744

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.7  | 32.4  | 48.6  |
| 54  | 66.8  | 54.0  | 81.0  |



#24

Nitrobenzene

Concen: 46.643 ng

RT: 7.463 min Scan# 896

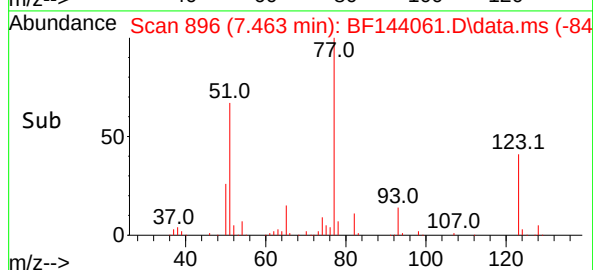
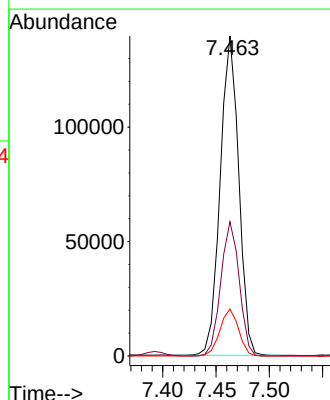
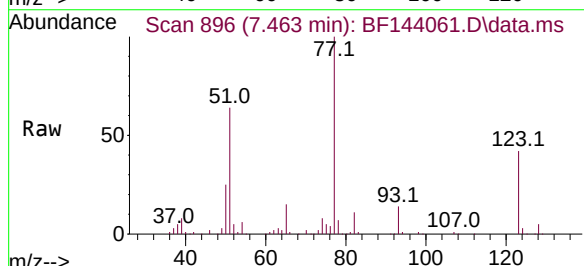
Delta R.T. 0.000 min

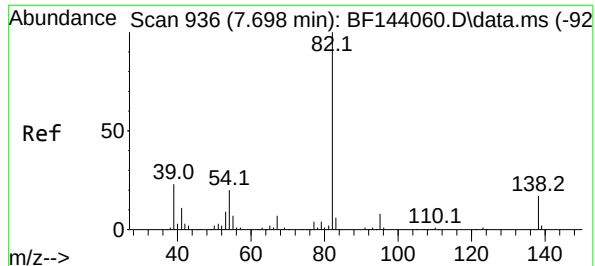
Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion: 77 Resp: 169181

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 41.9  | 35.0  | 52.6  |
| 65  | 14.6  | 12.2  | 18.2  |





#25

Isophorone

Concen: 45.788 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

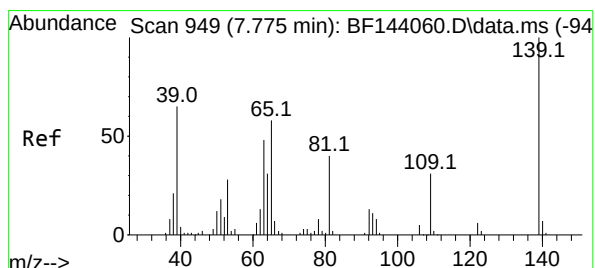
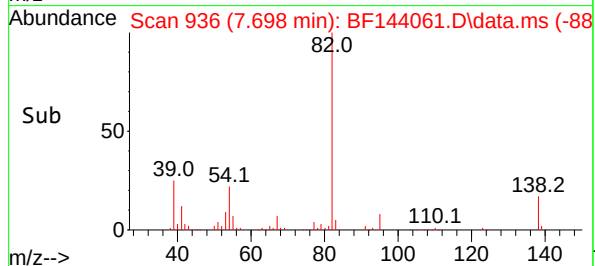
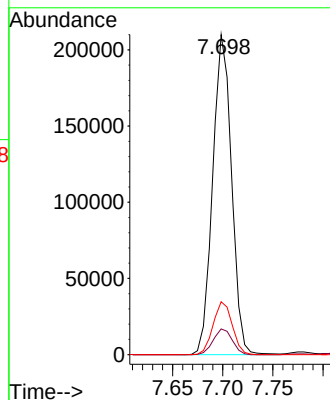
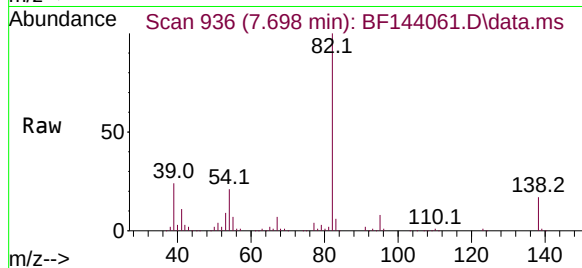
Tgt Ion: 82 Resp: 274478

Ion Ratio Lower Upper

82 100

95 8.0 6.6 9.8

138 16.5 13.8 20.8



#26

2-Nitrophenol

Concen: 45.330 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

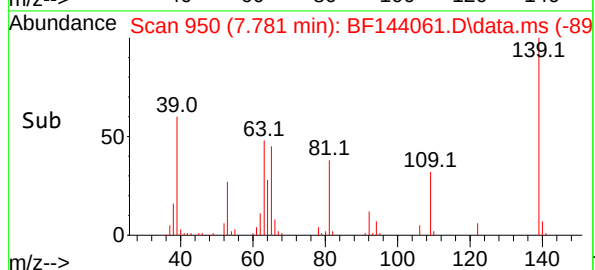
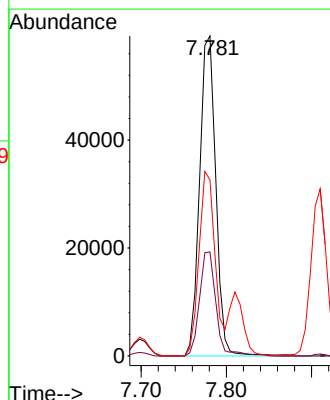
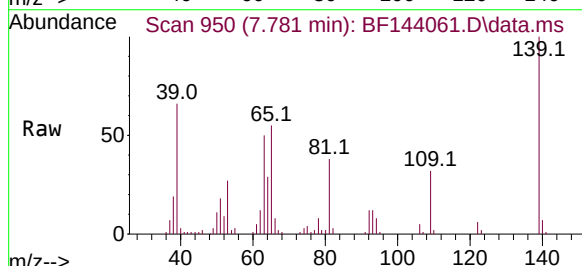
Tgt Ion:139 Resp: 78217

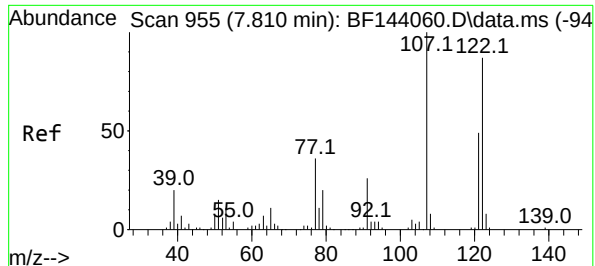
Ion Ratio Lower Upper

139 100

109 32.5 24.6 37.0

65 55.0 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 46.475 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

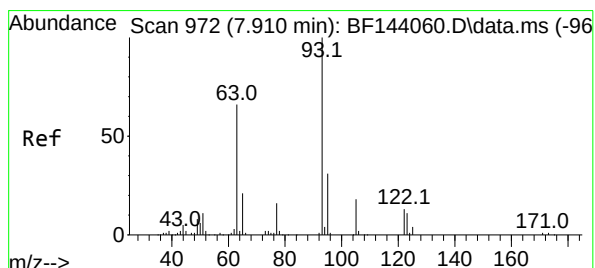
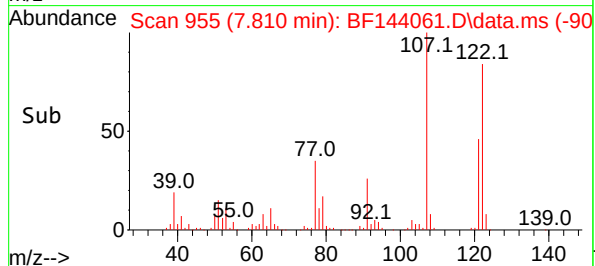
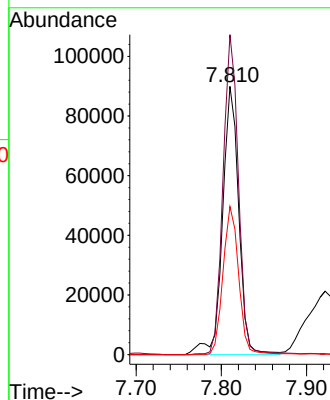
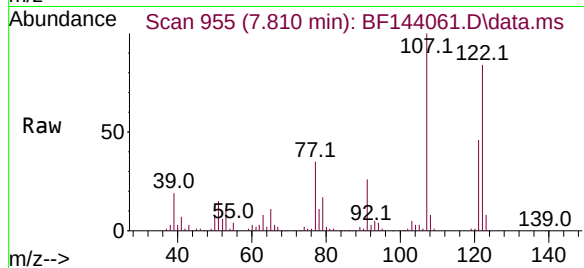
Tgt Ion:122 Resp: 119169

Ion Ratio Lower Upper

122 100

107 119.3 91.8 137.8

121 55.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.816 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

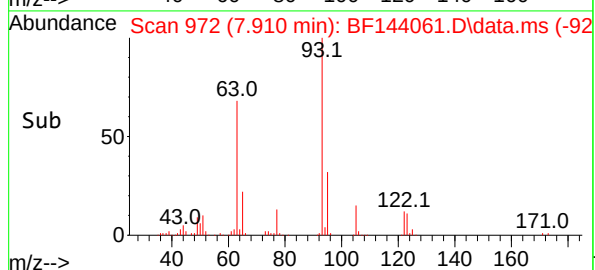
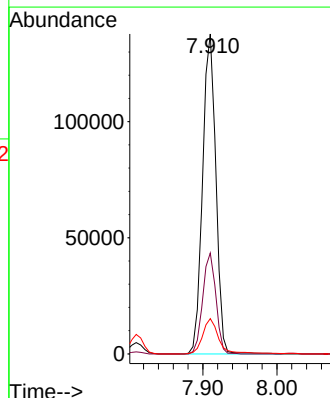
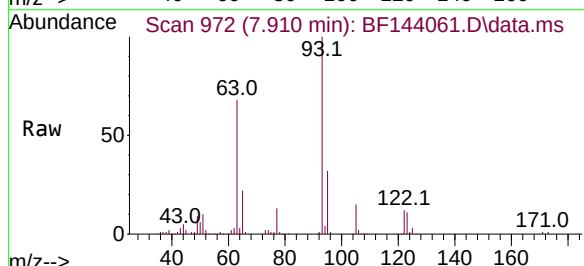
Tgt Ion: 93 Resp: 171275

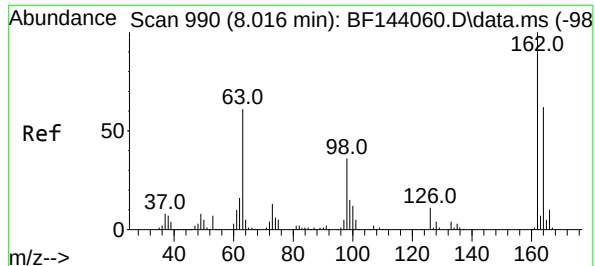
Ion Ratio Lower Upper

93 100

95 31.5 24.6 36.8

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.140 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

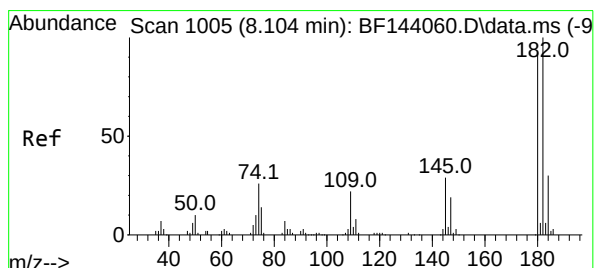
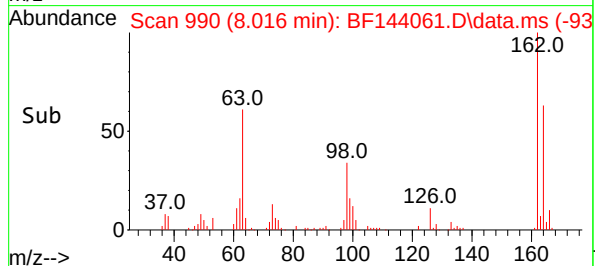
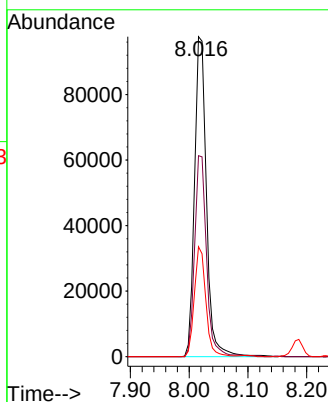
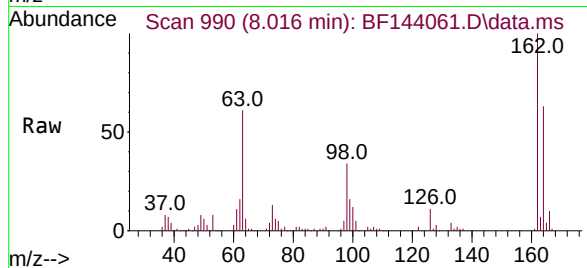
Tgt Ion:162 Resp: 137586

Ion Ratio Lower Upper

162 100

164 62.8 42.1 82.1

98 34.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 46.047 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

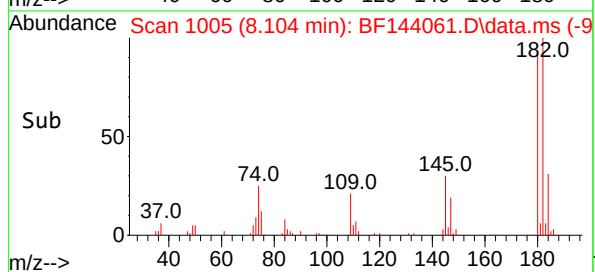
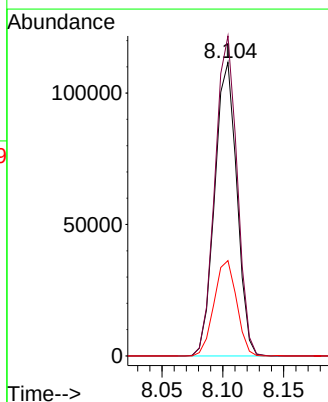
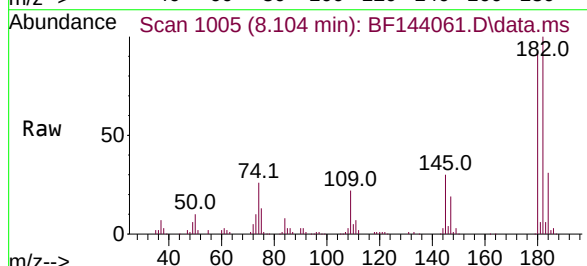
Tgt Ion:180 Resp: 141259

Ion Ratio Lower Upper

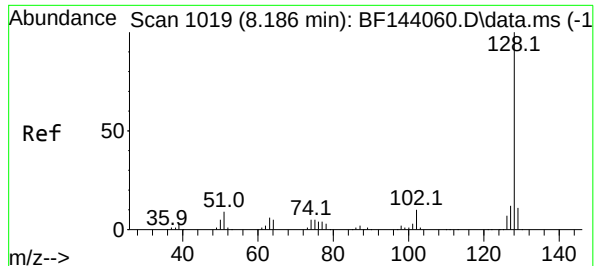
180 100

182 109.0 87.1 130.7

145 32.5 25.3 37.9

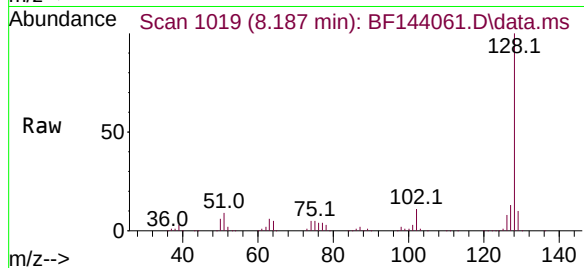




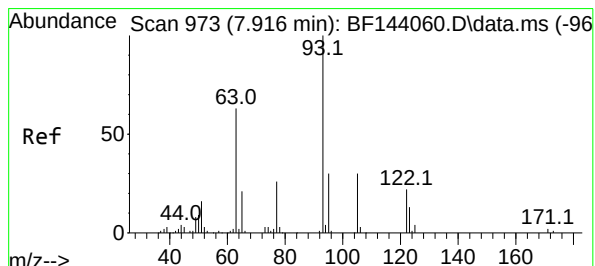
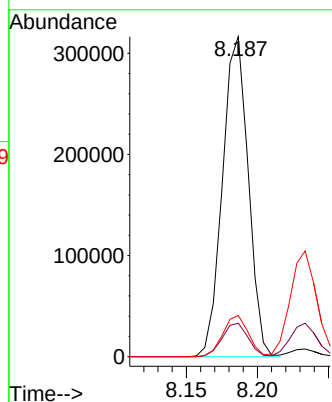
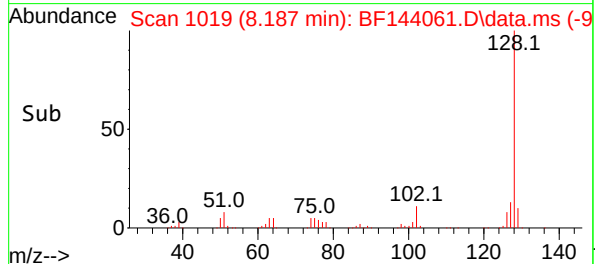


#31  
Naphthalene  
Concen: 45.150 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

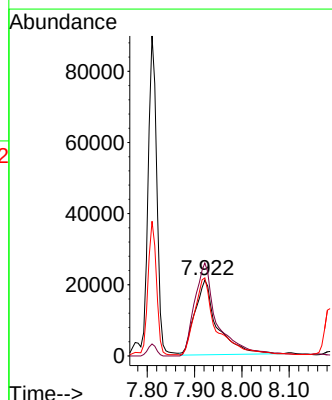
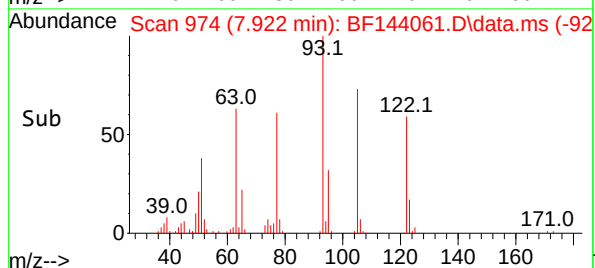
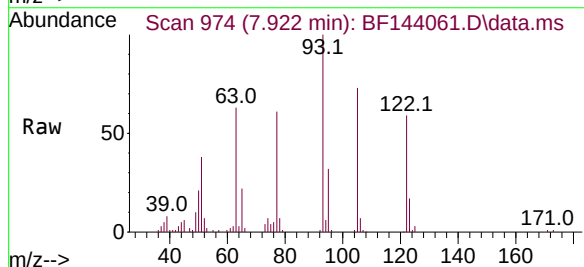


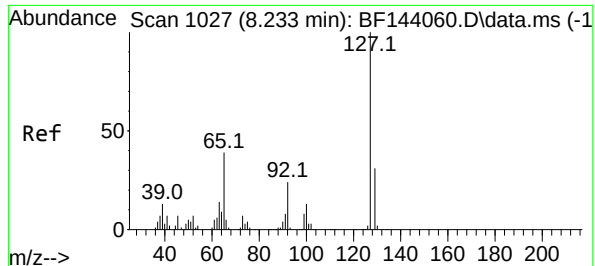
Tgt Ion:128 Resp: 400308  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.4 12.6  
127 12.9 9.9 14.9



#32  
Benzoic acid  
Concen: 42.326 ng  
RT: 7.922 min Scan# 974  
Delta R.T. 0.006 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:122 Resp: 68843  
Ion Ratio Lower Upper  
122 100  
105 122.6 111.3 151.3  
77 102.9 96.7 136.7





#33

4-Chloroaniline

Concen: 45.326 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 139897

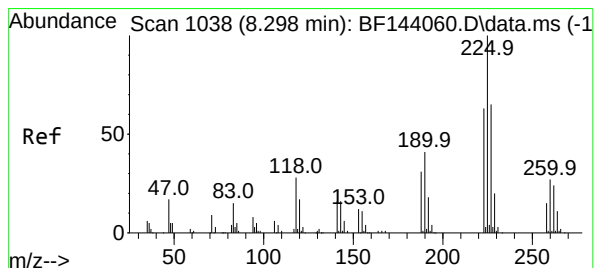
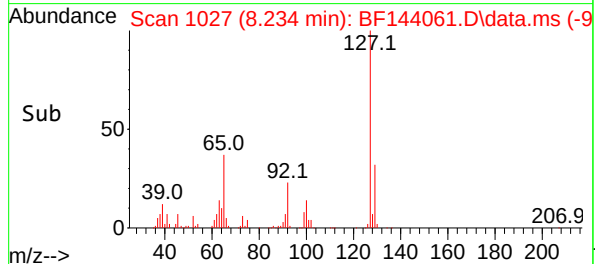
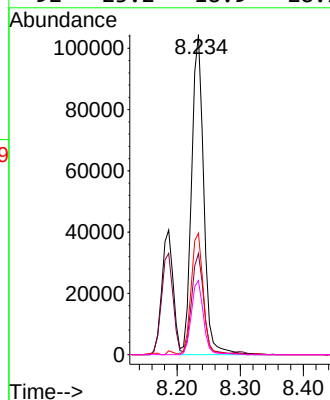
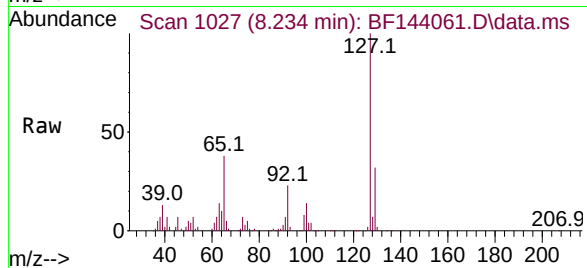
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 38.0 30.9 46.3

92 23.2 18.9 28.3



#34

Hexachlorobutadiene

Concen: 45.117 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

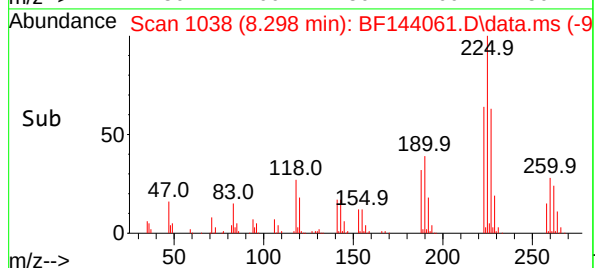
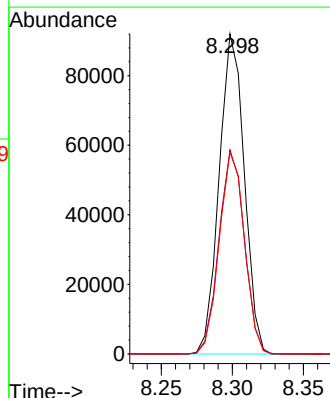
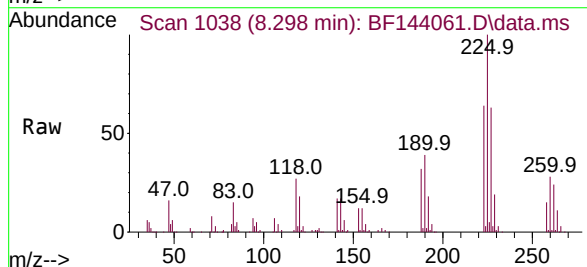
Tgt Ion:225 Resp: 113173

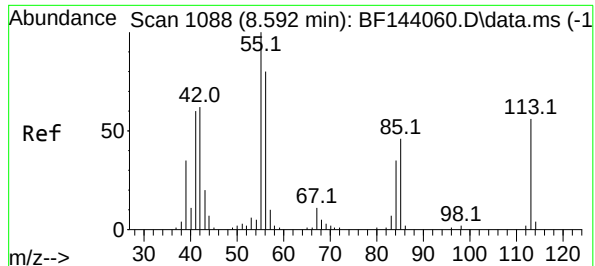
Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

227 63.0 51.8 77.8

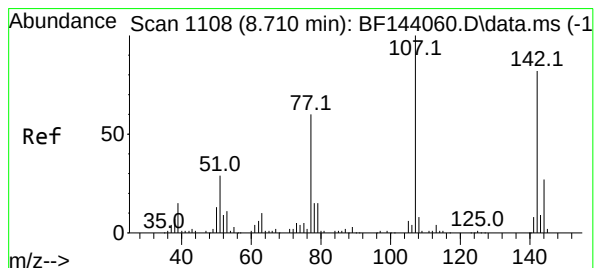
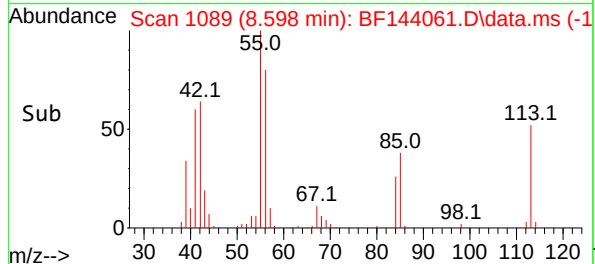
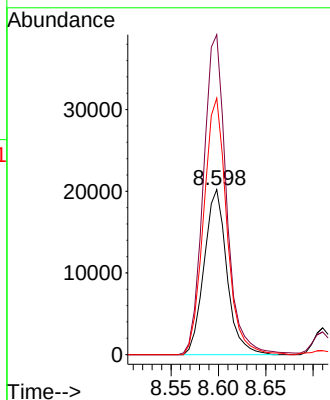
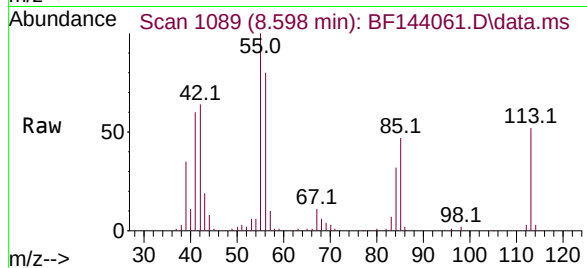




#35  
Caprolactam  
Concen: 45.169 ng  
RT: 8.598 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

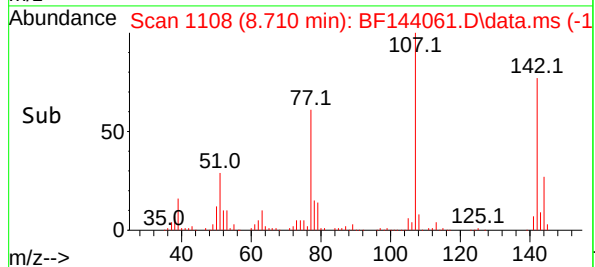
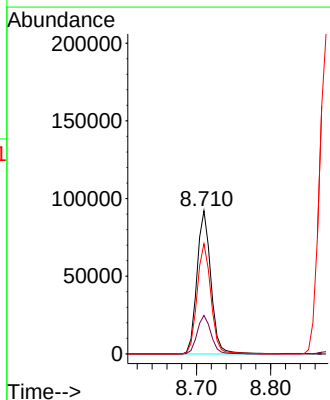
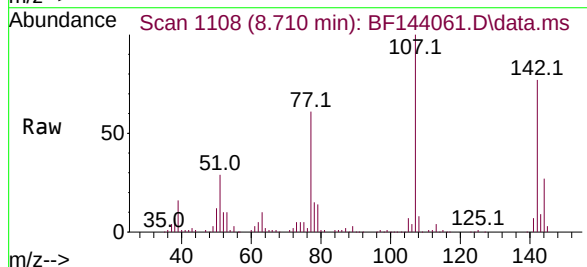
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

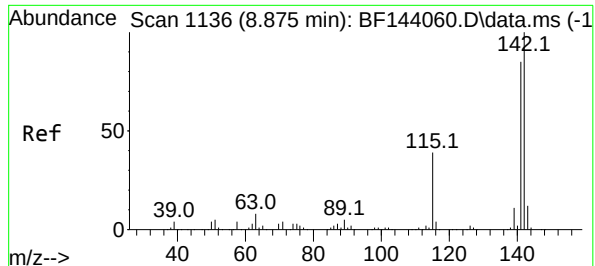
Tgt Ion:113 Resp: 33776  
Ion Ratio Lower Upper  
113 100  
55 194.0 160.1 200.1  
56 155.4 124.9 164.9



#36  
4-Chloro-3-methylphenol  
Concen: 45.853 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:107 Resp: 120661  
Ion Ratio Lower Upper  
107 100  
144 26.9 21.6 32.4  
142 77.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 44.094 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

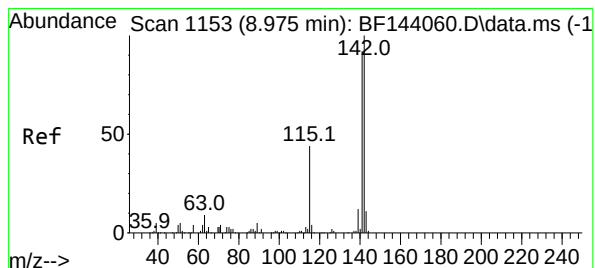
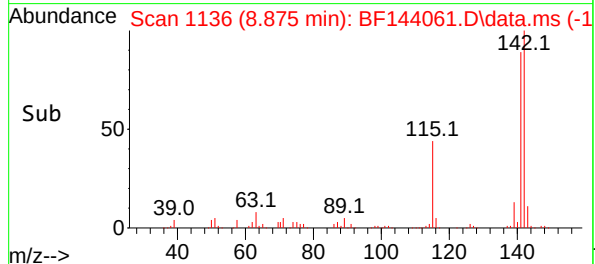
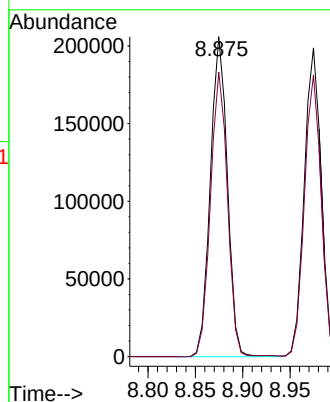
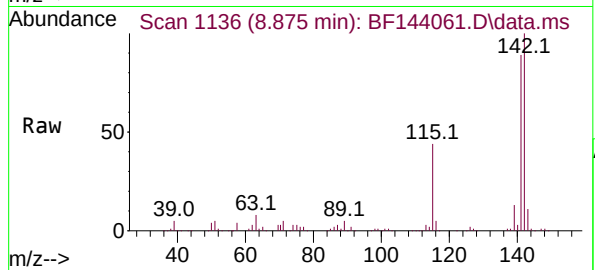
SSTDICC050

Tgt Ion:142 Resp: 257754

Ion Ratio Lower Upper

142 100

141 88.9 67.6 101.4



#38

1-Methylnaphthalene

Concen: 44.400 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144061.D

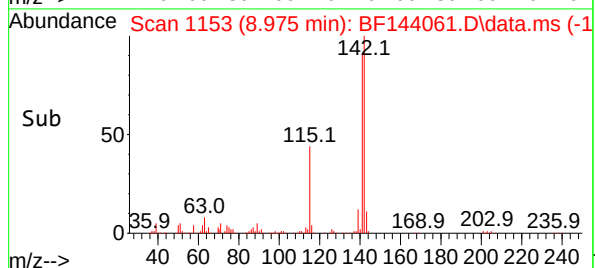
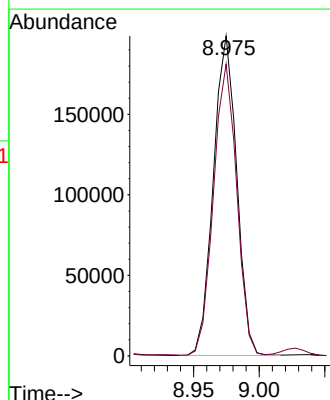
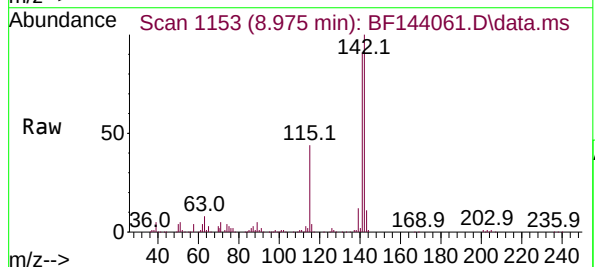
Acq: 24 Oct 2025 13:34

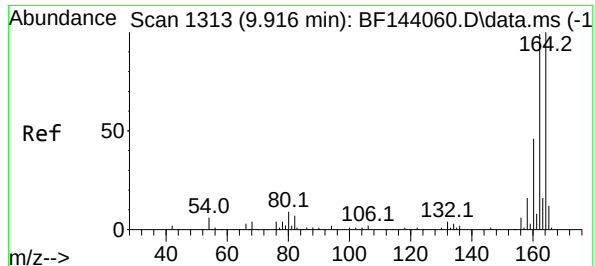
Tgt Ion:142 Resp: 245890

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

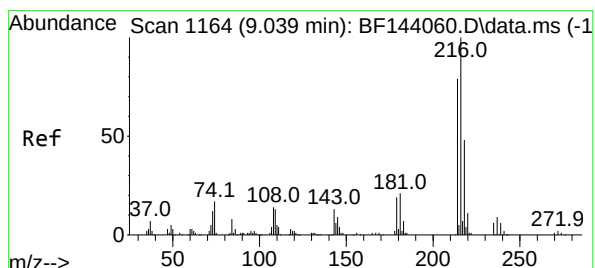
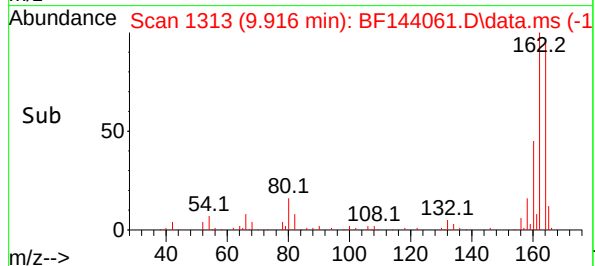
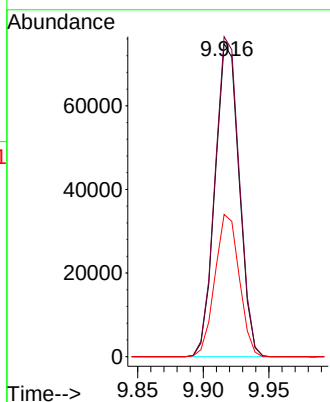
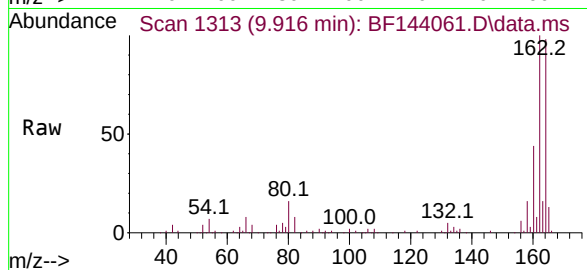
Tgt Ion:164 Resp: 95790

Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.2

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.764 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:216 Resp: 150659

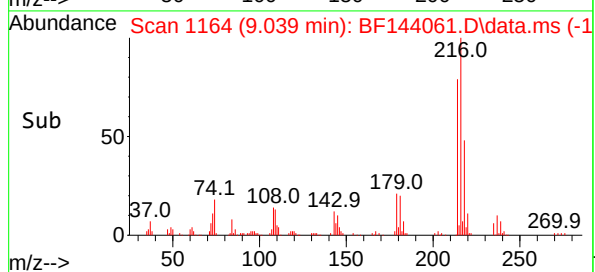
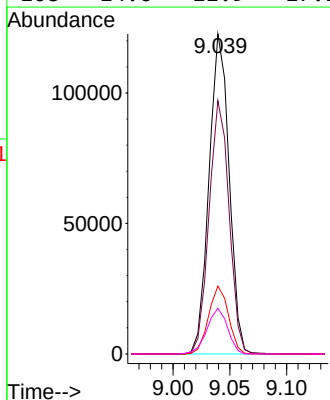
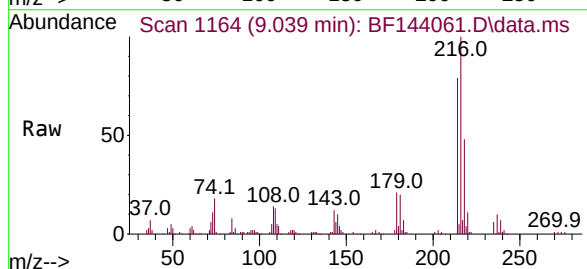
Ion Ratio Lower Upper

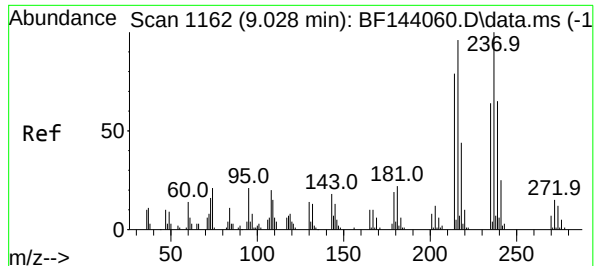
216 100

214 78.9 63.2 94.8

179 20.9 15.2 22.8

108 14.6 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 48.354 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

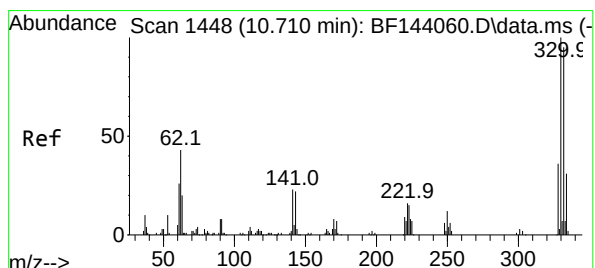
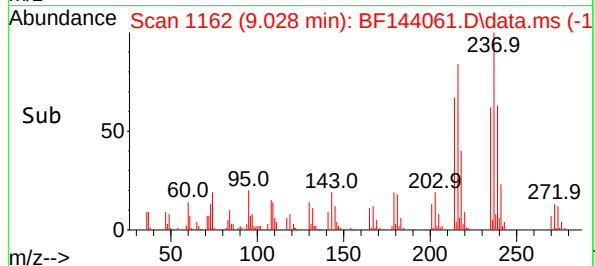
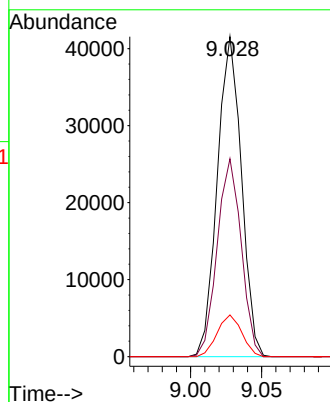
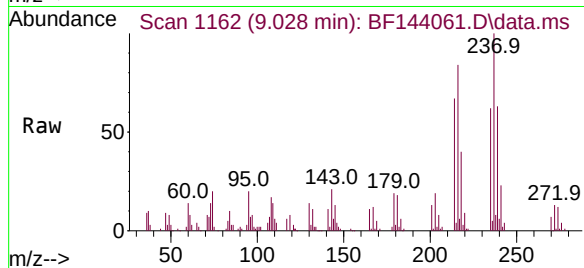
Tgt Ion:237 Resp: 49167

Ion Ratio Lower Upper

237 100

235 61.8 44.3 84.3

272 13.0 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 94.659 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

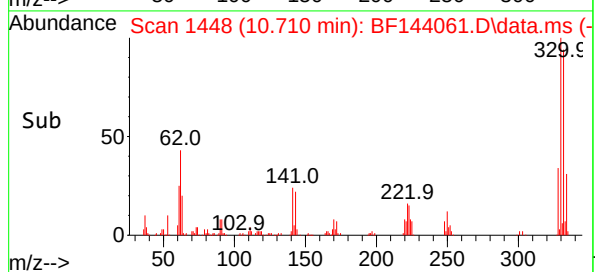
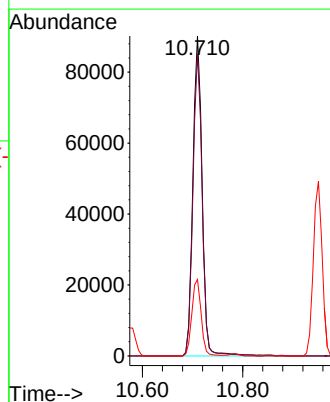
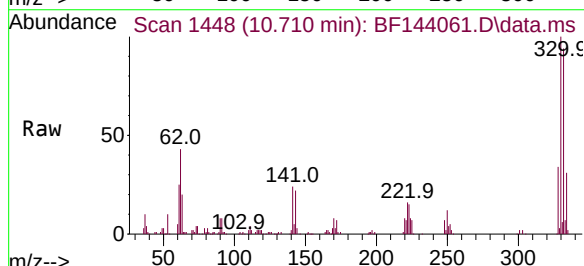
Tgt Ion:330 Resp: 115501

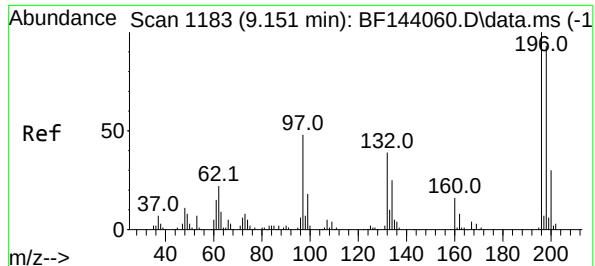
Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

141 24.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 47.829 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144061.D

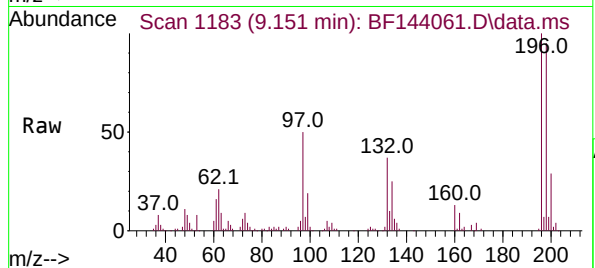
Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



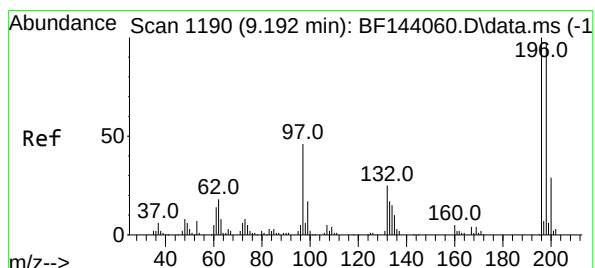
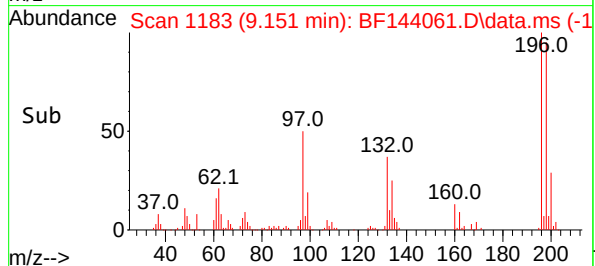
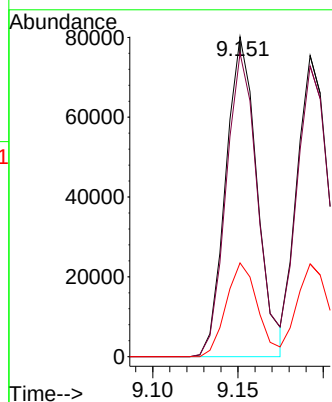
Tgt Ion:196 Resp: 102347

Ion Ratio Lower Upper

196 100

198 94.8 74.4 111.6

200 29.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 45.562 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:196 Resp: 102322

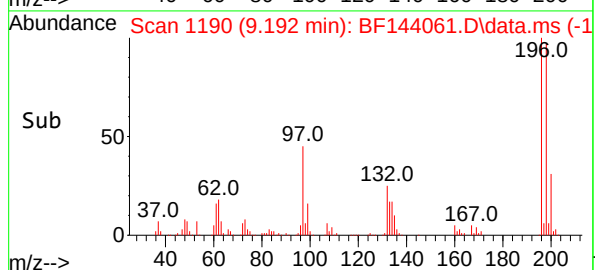
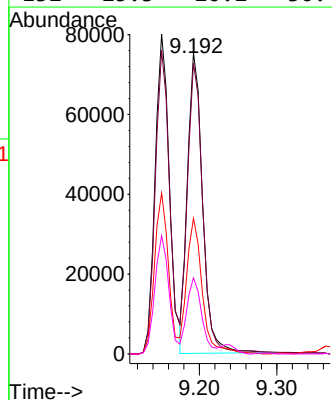
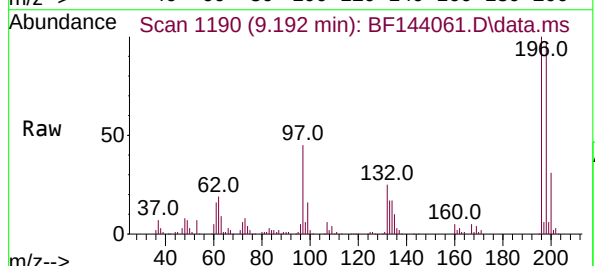
Ion Ratio Lower Upper

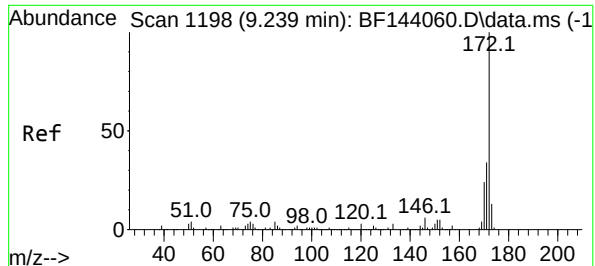
196 100

198 96.6 78.0 117.0

97 45.1 37.7 56.5

132 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.861 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

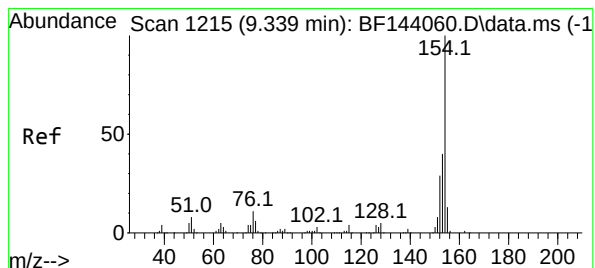
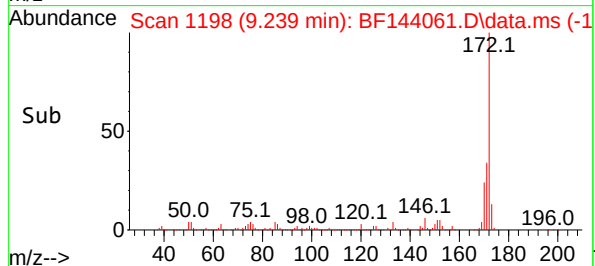
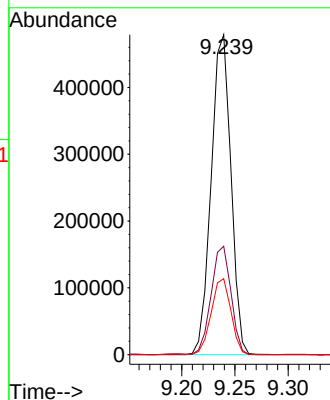
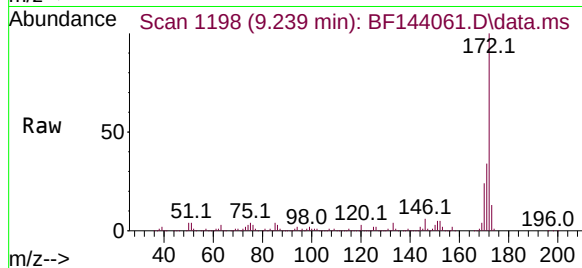
Tgt Ion:172 Resp: 618497

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.996 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

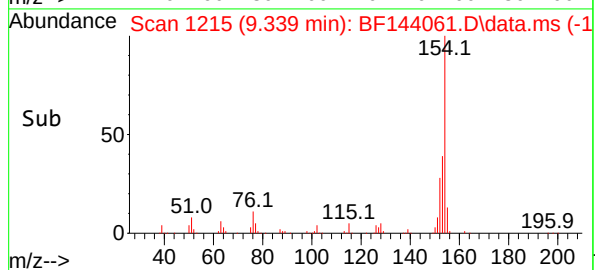
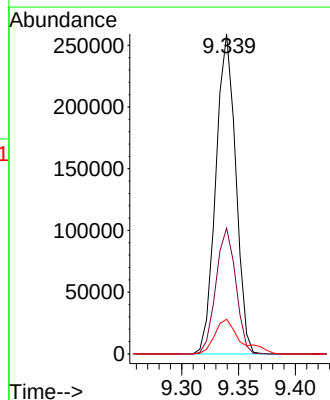
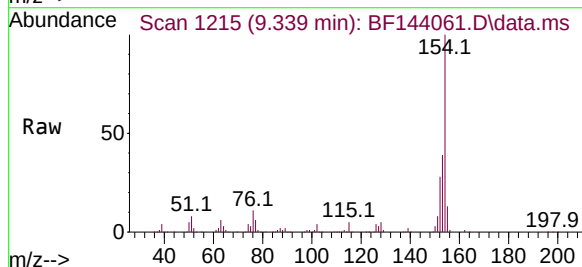
Tgt Ion:154 Resp: 315397

Ion Ratio Lower Upper

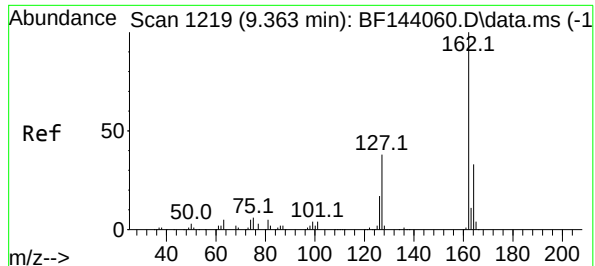
154 100

153 39.3 19.7 59.7

76 10.8 0.0 31.1







#47

2-Chloronaphthalene

Concen: 45.914 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

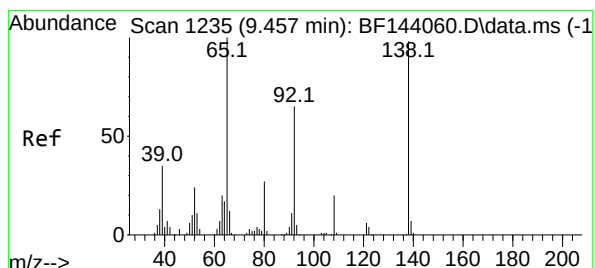
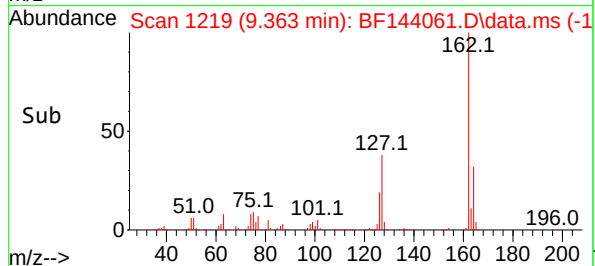
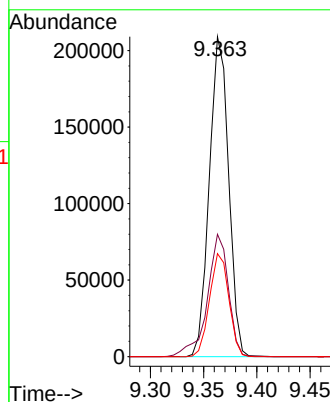
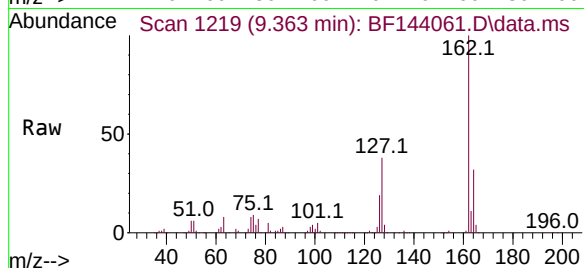
Tgt Ion:162 Resp: 263764

Ion Ratio Lower Upper

162 100

127 38.2 31.6 47.4

164 32.2 26.5 39.7



#48

2-Nitroaniline

Concen: 46.691 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

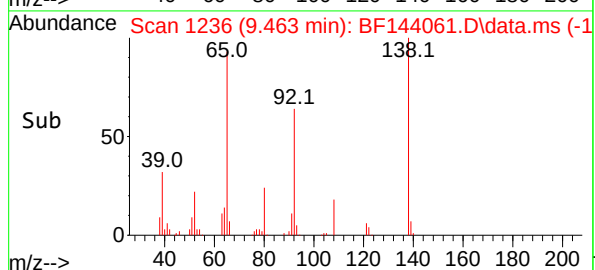
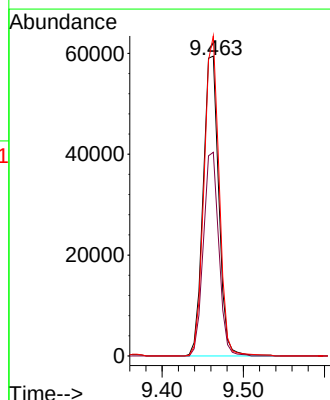
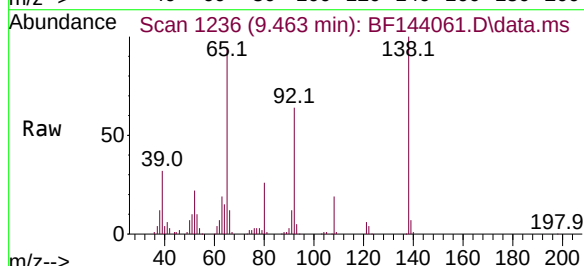
Tgt Ion: 65 Resp: 79650

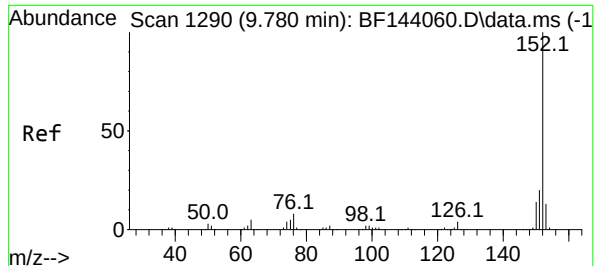
Ion Ratio Lower Upper

65 100

92 67.9 52.3 78.5

138 106.7 78.3 117.5





#49

Acenaphthylene

Concen: 45.641 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

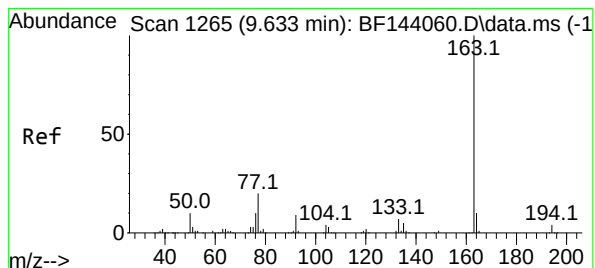
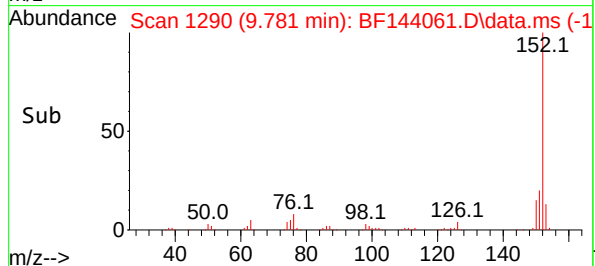
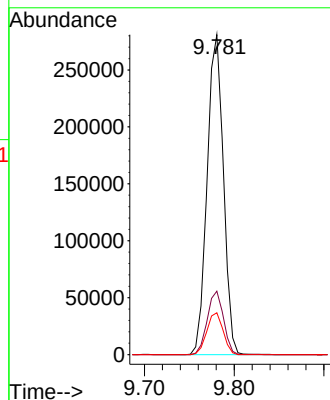
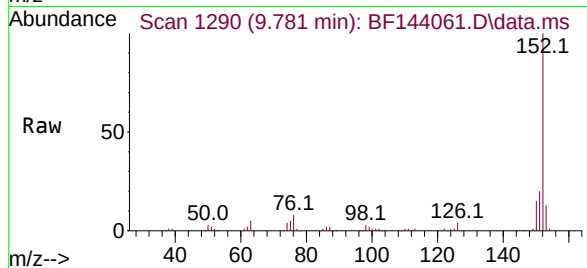
Tgt Ion:152 Resp: 353529

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 46.495 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

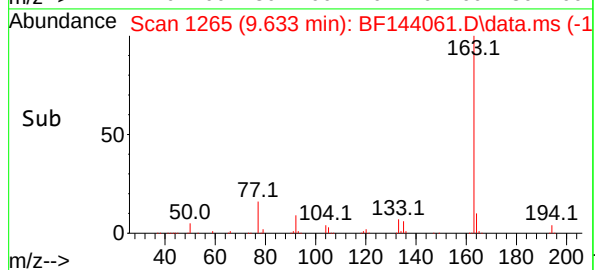
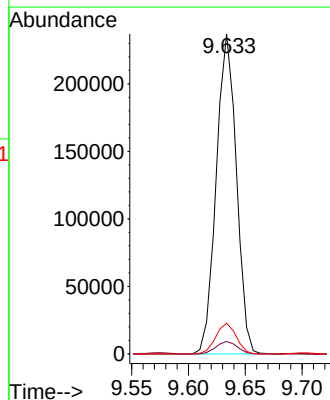
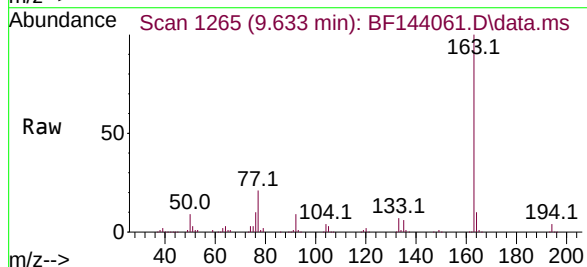
Tgt Ion:163 Resp: 291936

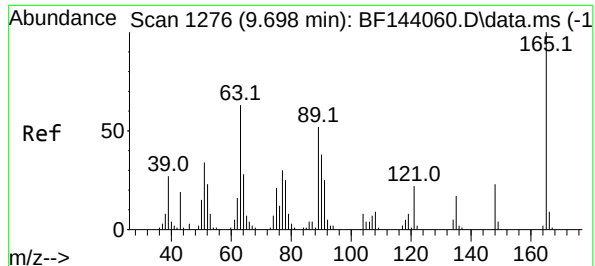
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.6 7.8 11.8

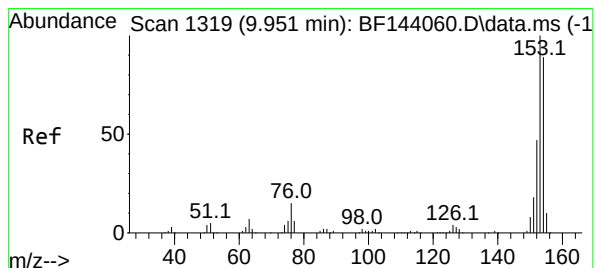
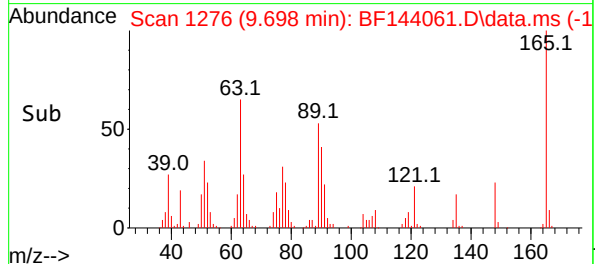
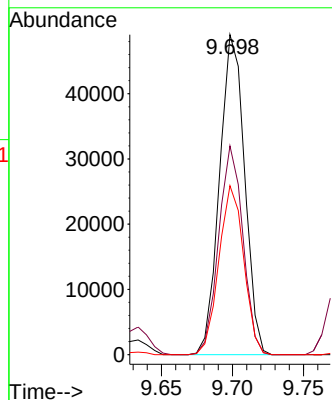
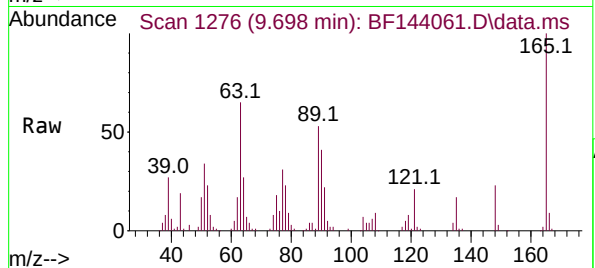




#51  
2,6-Dinitrotoluene  
Concen: 48.590 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

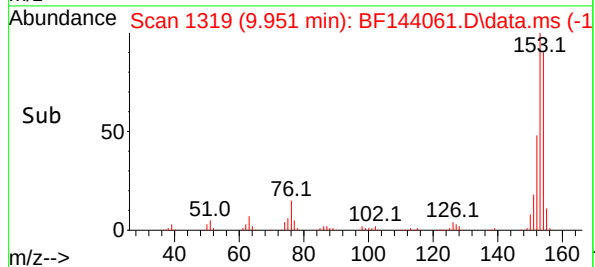
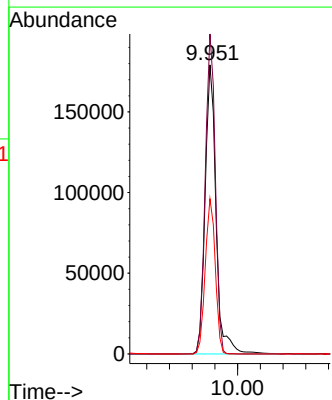
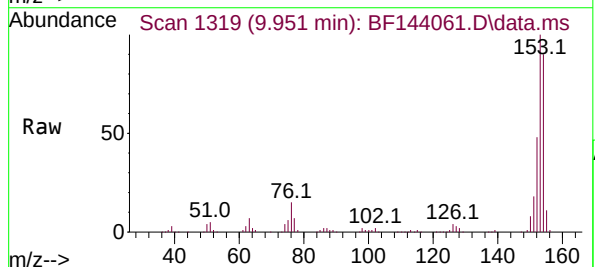
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

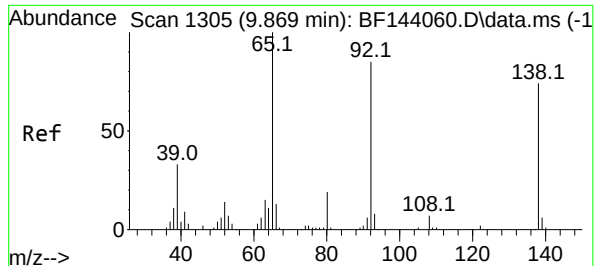
Tgt Ion:165 Resp: 60313  
Ion Ratio Lower Upper  
165 100  
63 65.2 50.4 75.6  
89 52.8 41.4 62.2



#52  
Acenaphthene  
Concen: 46.250 ng  
RT: 9.951 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:154 Resp: 239254  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.9 134.9  
152 53.7 42.0 63.0

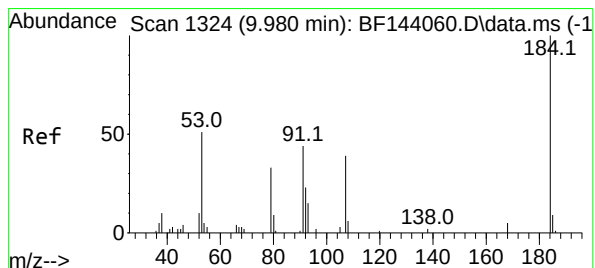
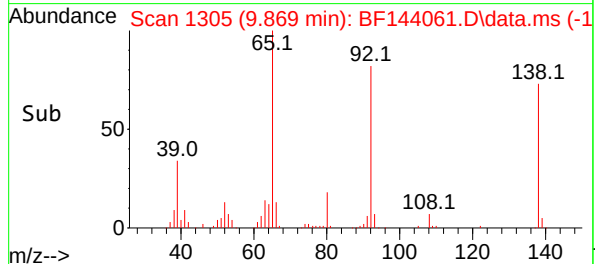
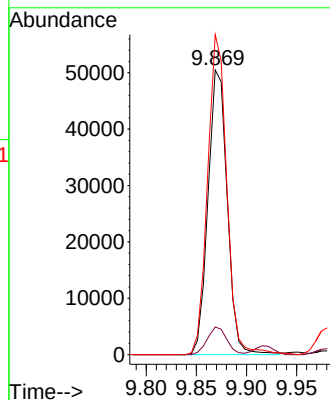
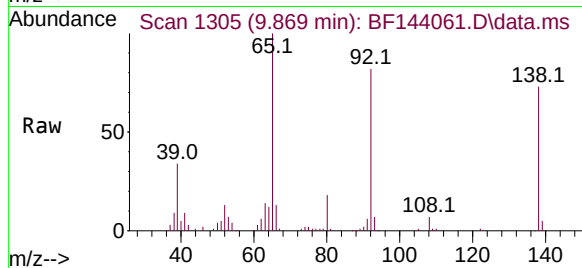




#53  
3-Nitroaniline  
Concen: 48.727 ng  
RT: 9.869 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

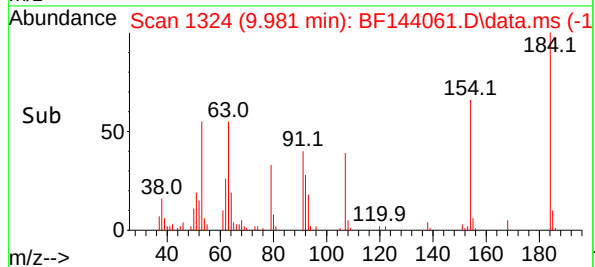
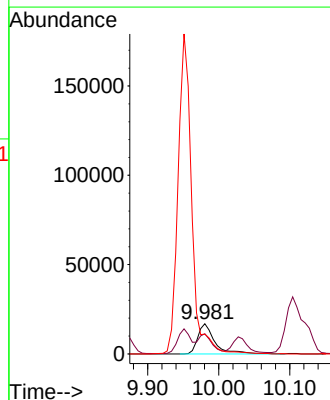
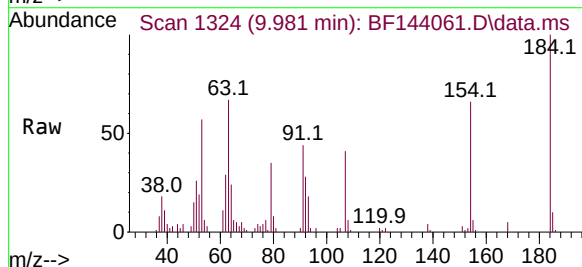
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

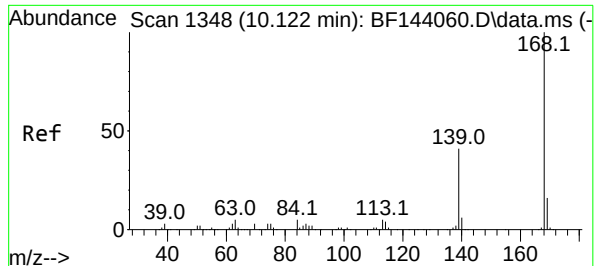
Tgt Ion:138 Resp: 67246  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.9 11.9  
92 112.5 92.0 138.0



#54  
2,4-Dinitrophenol  
Concen: 41.328 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:184 Resp: 27746  
Ion Ratio Lower Upper  
184 100  
63 66.6 52.1 78.1  
154 66.0 47.9 71.9

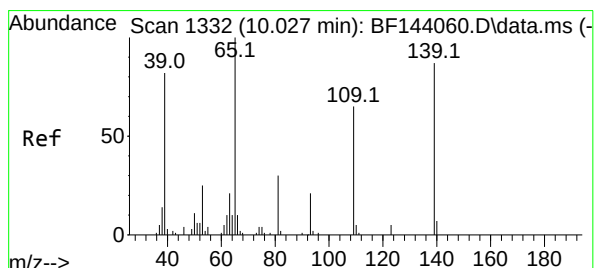
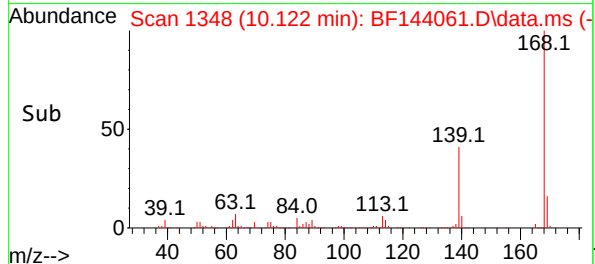
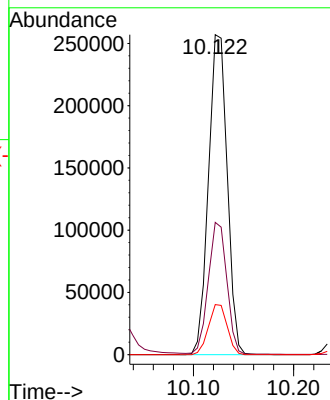
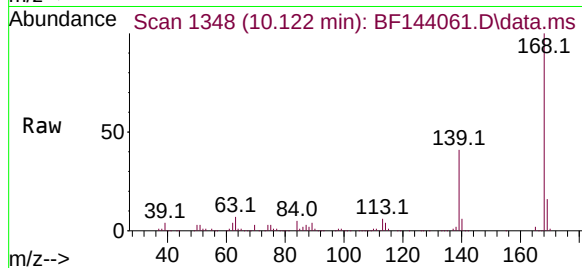




#55  
Dibenzenofuran  
Concen: 46.390 ng  
RT: 10.122 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

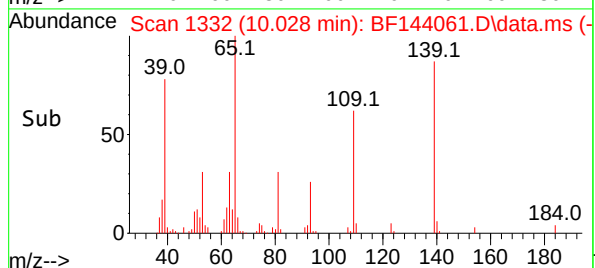
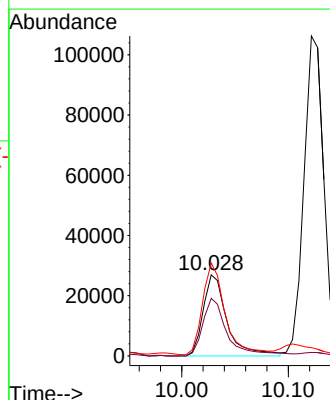
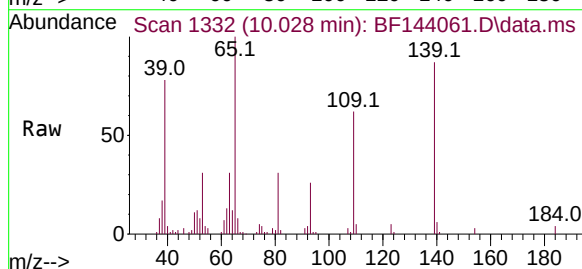
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

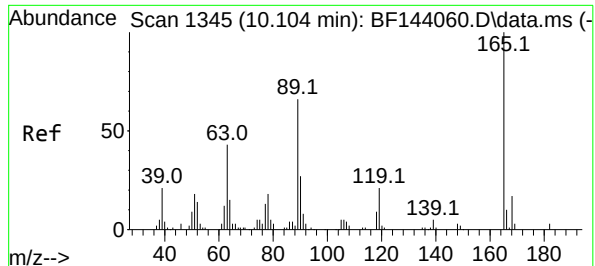
Tgt Ion:168 Resp: 333154  
Ion Ratio Lower Upper  
168 100  
139 41.3 33.2 49.8  
169 15.6 12.6 19.0



#56  
4-Nitrophenol  
Concen: 44.760 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:139 Resp: 41829  
Ion Ratio Lower Upper  
139 100  
109 71.1 53.8 93.8  
65 114.7 95.9 135.9

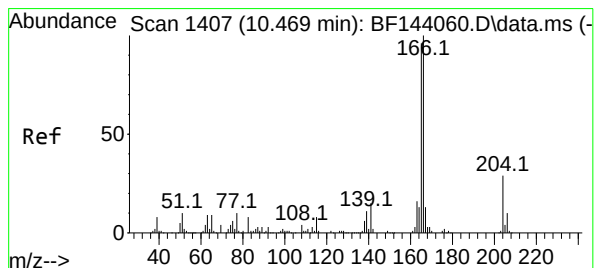
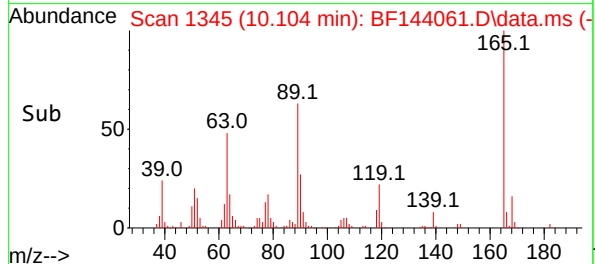
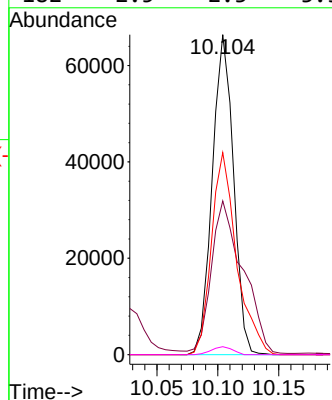
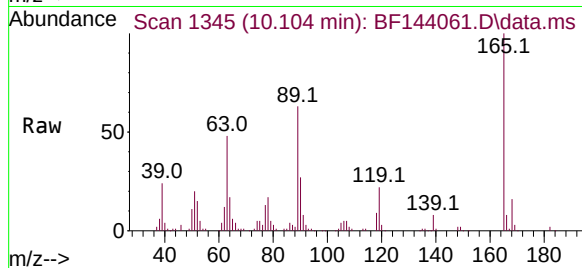




#57  
2,4-Dinitrotoluene  
Concen: 48.075 ng  
RT: 10.104 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

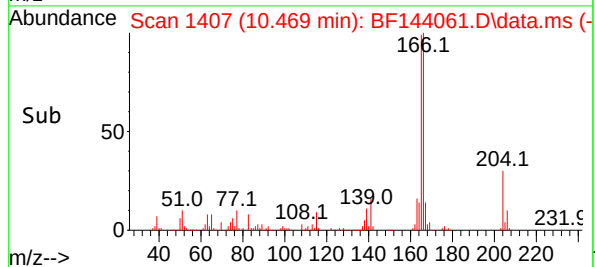
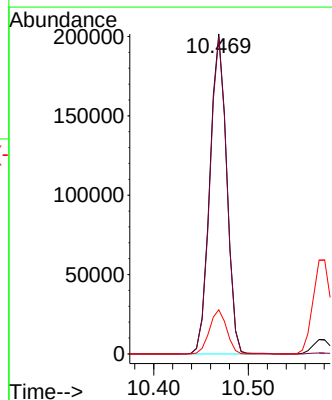
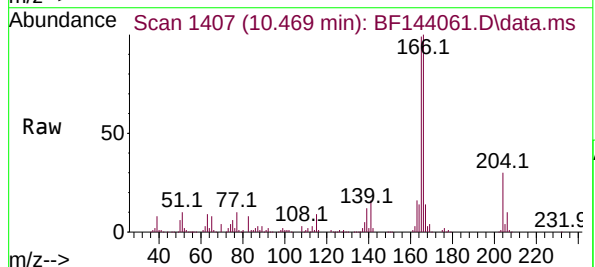
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

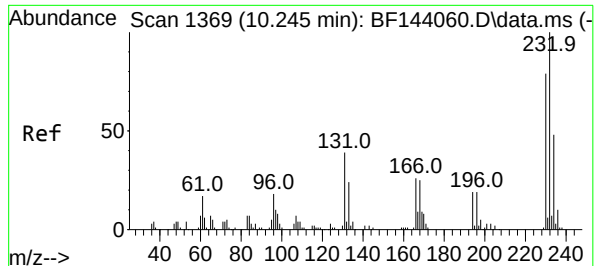
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.0  | 35.4  | 53.2  |
| 89      | 63.1  | 52.7  | 79.1  |
| 182     | 2.5   | 2.3   | 3.5   |



#58  
Fluorene  
Concen: 45.558 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.0  | 77.0  | 115.4 |
| 167     | 13.8  | 10.2  | 15.4  |

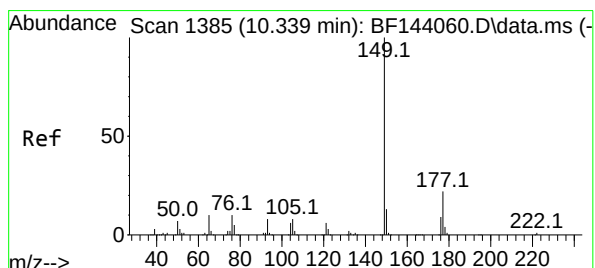
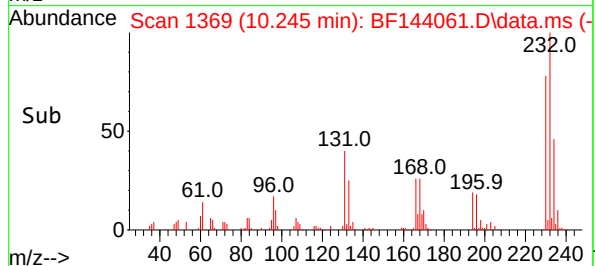
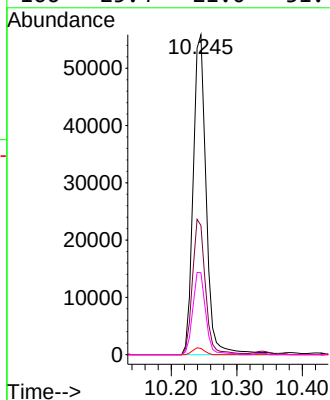
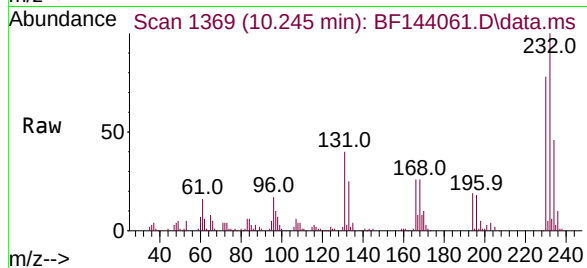




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.766 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

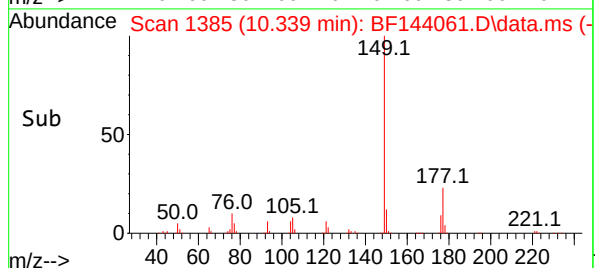
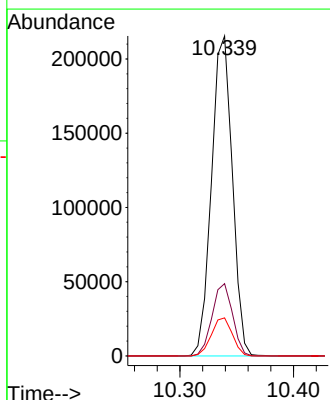
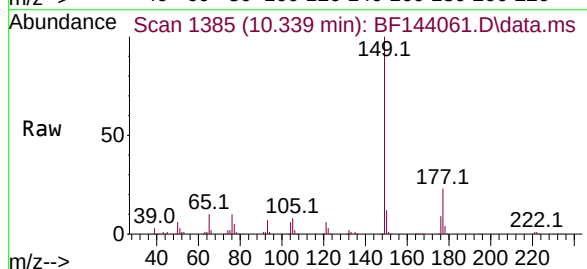
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

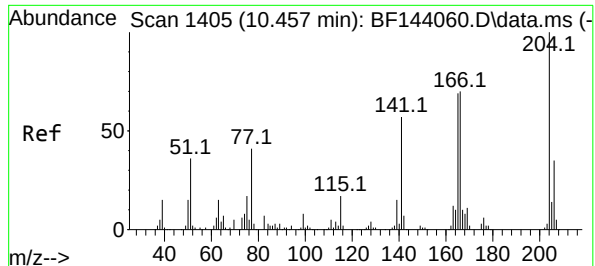
Tgt Ion:232 Resp: 77175  
Ion Ratio Lower Upper  
232 100  
131 42.1 31.9 47.9  
130 1.9 1.1 1.7#  
166 25.4 21.0 31.4



#60  
Diethylphthalate  
Concen: 46.451 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 274281  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.8 26.6  
150 11.9 10.1 15.1

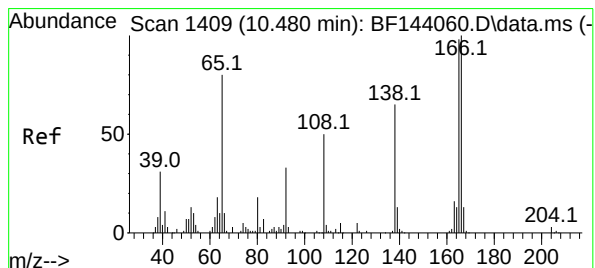
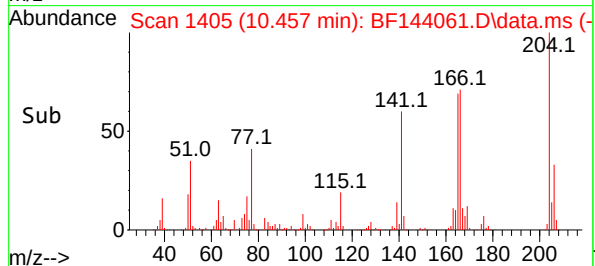
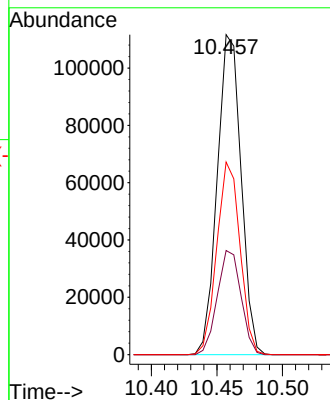
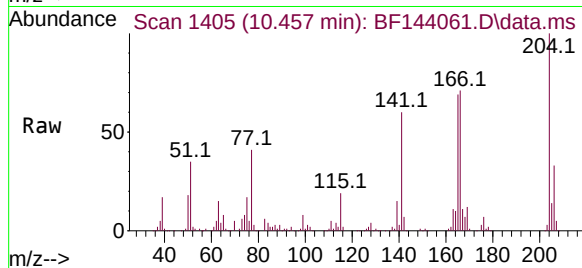




#61  
4-Chlorophenyl-phenylether  
Concen: 46.015 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

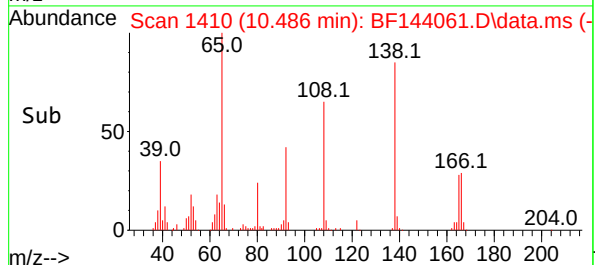
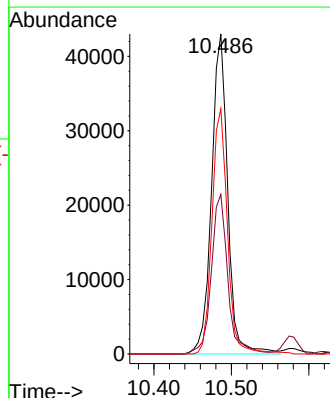
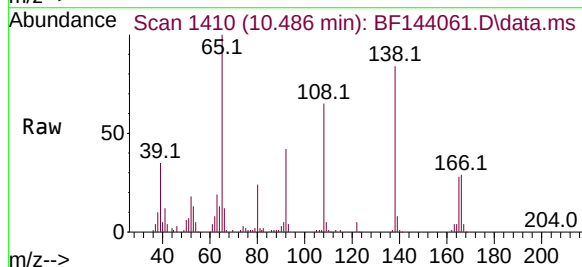
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:204 Resp: 141601  
Ion Ratio Lower Upper  
204 100  
206 32.5 27.8 41.6  
141 60.2 45.4 68.2

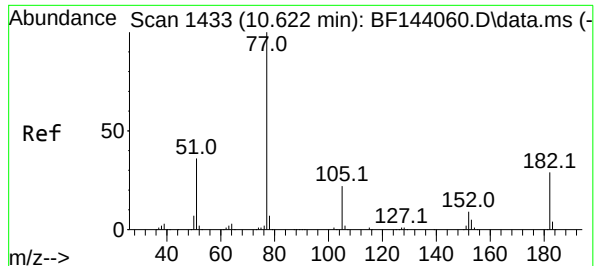


#62  
4-Nitroaniline  
Concen: 47.618 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:138 Resp: 62266  
Ion Ratio Lower Upper  
138 100  
92 49.8 30.5 70.5  
108 76.6 56.2 96.2



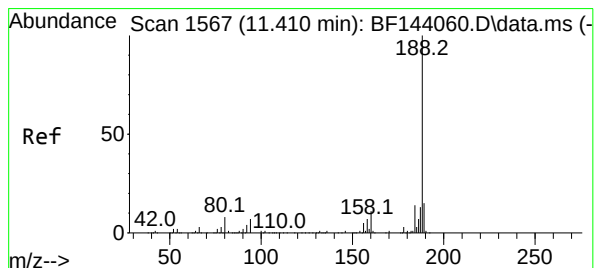
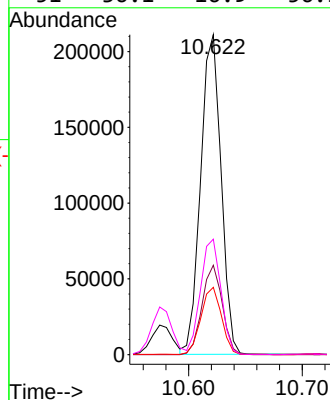
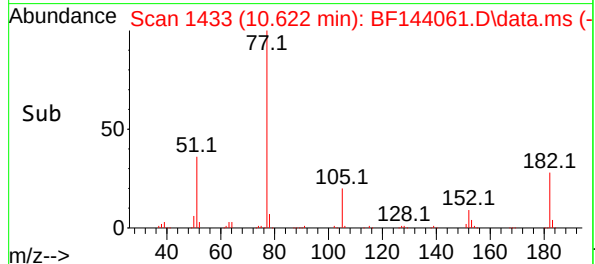
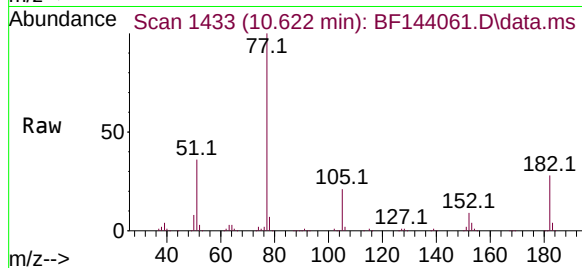




#63  
Azobenzene  
Concen: 47.243 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

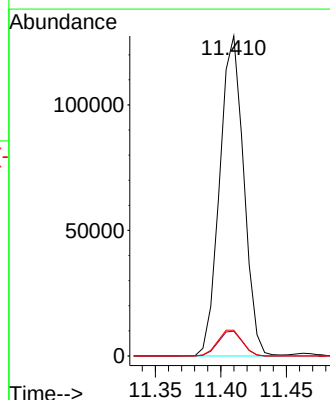
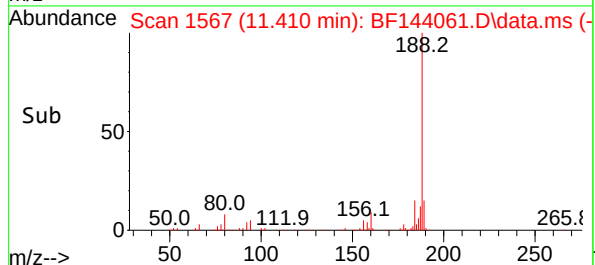
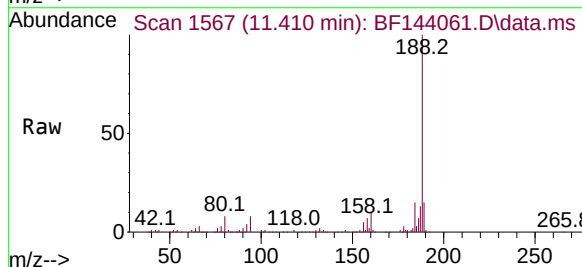
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

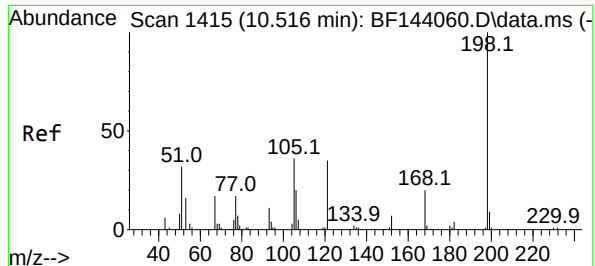
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 264030 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.9    | 9.0 49.0     |
| 105 21.0    | 1.4 41.4     |
| 51 36.1     | 16.9 56.9    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 163068 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 7.7       | 5.4 8.0      |
| 80 8.0       | 6.0 9.0      |

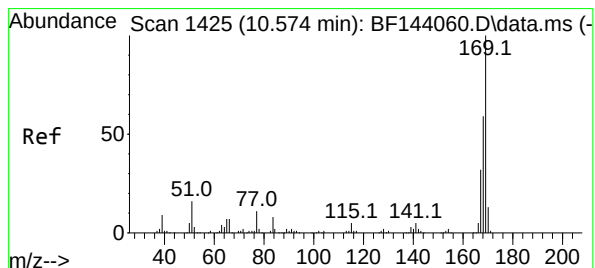
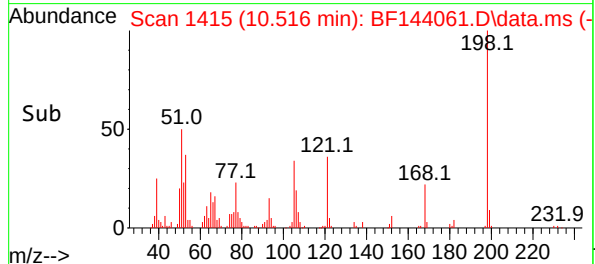
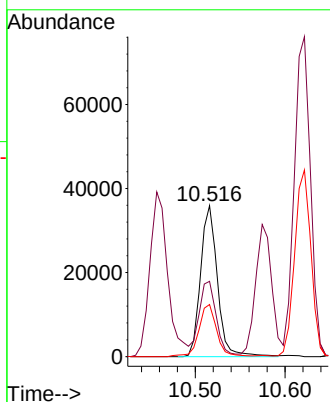
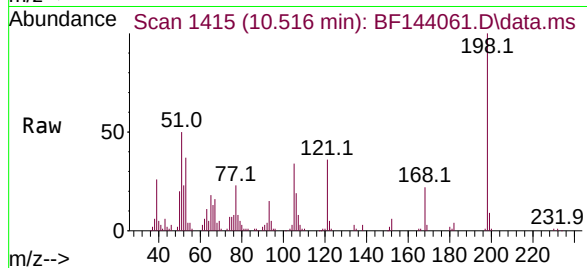




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.864 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

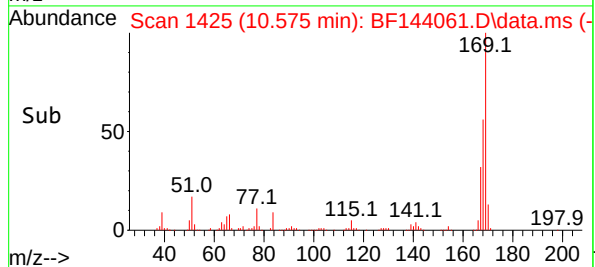
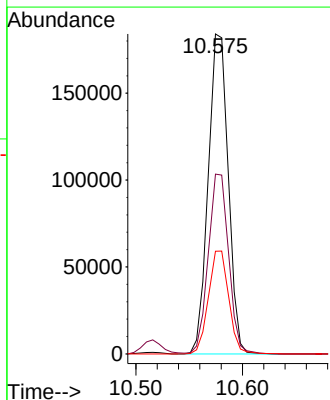
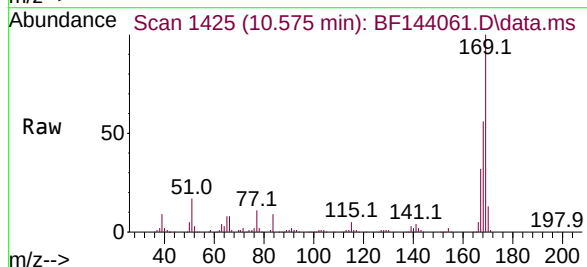
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

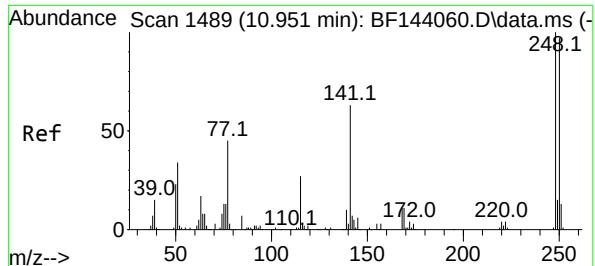
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 49.8  | 25.8  | 65.8  |
| 105     | 34.5  | 17.2  | 57.2  |



#66  
n-Nitrosodiphenylamine  
Concen: 46.171 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 56.2  | 47.4  | 71.2  |
| 167     | 32.1  | 25.5  | 38.3  |

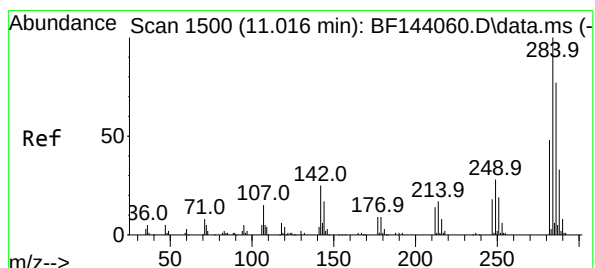
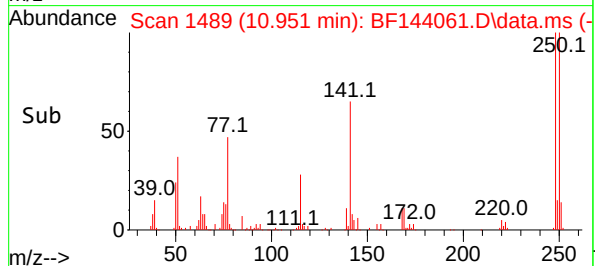
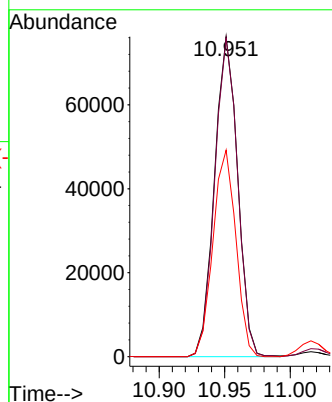
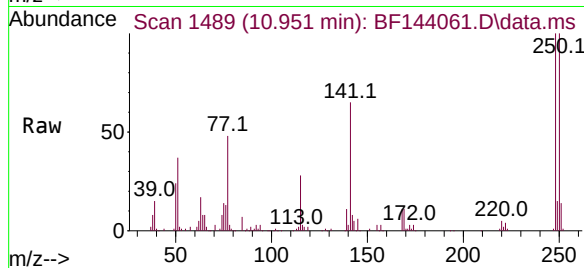




#67  
4-Bromophenyl-phenylether  
Concen: 45.996 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

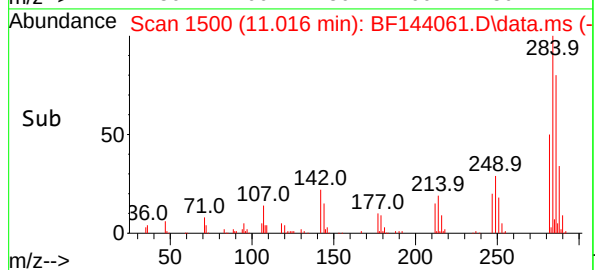
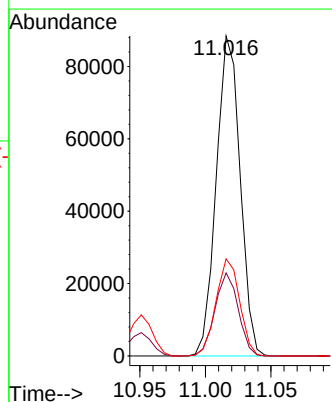
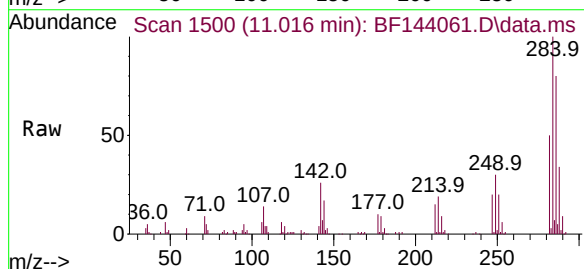
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

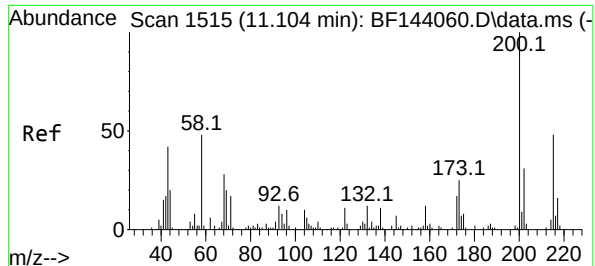
Tgt Ion:248 Resp: 93911  
Ion Ratio Lower Upper  
248 100  
250 99.5 77.8 116.6  
141 64.5 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 44.706 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:284 Resp: 111943  
Ion Ratio Lower Upper  
284 100  
142 25.9 20.0 30.0  
249 30.3 22.2 33.2

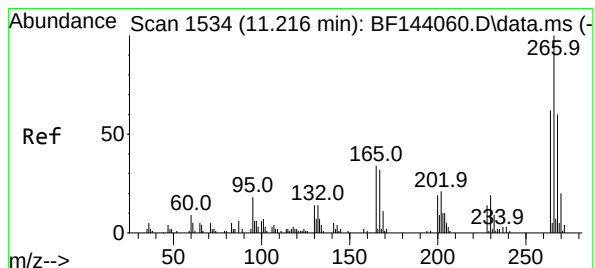
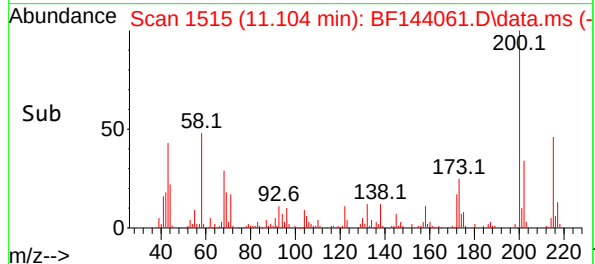
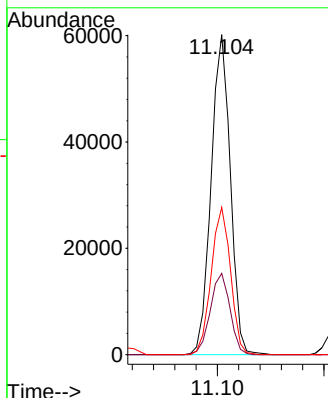
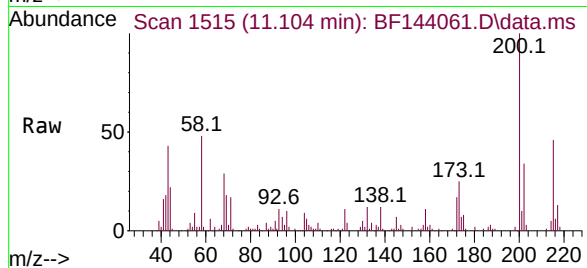




#69  
Atrazine  
Concen: 44.162 ng  
RT: 11.104 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

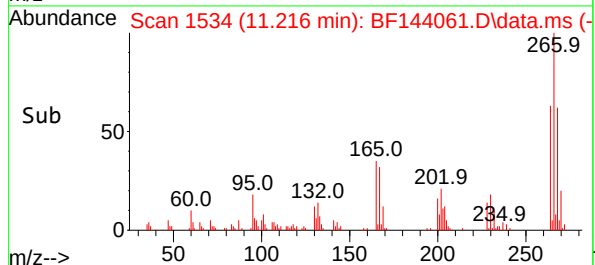
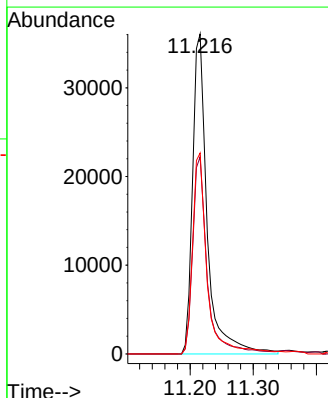
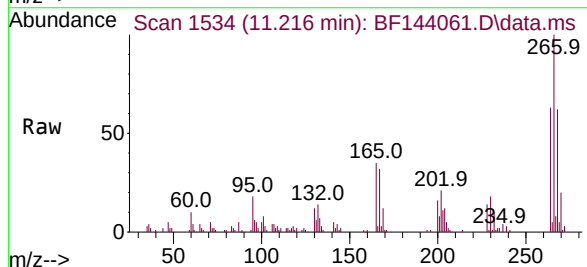
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

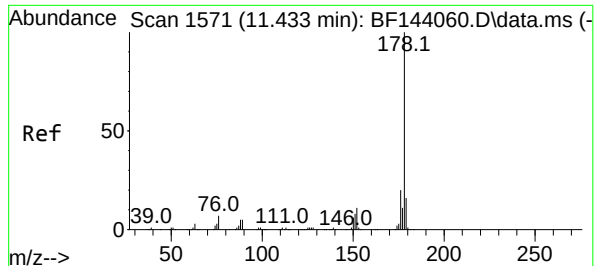
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.4  | 4.9   | 44.9  |
| 215     | 46.0  | 28.2  | 68.2  |



#70  
Pentachlorophenol  
Concen: 48.981 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.6  | 48.2  | 72.4  |
| 264     | 62.8  | 49.4  | 74.0  |

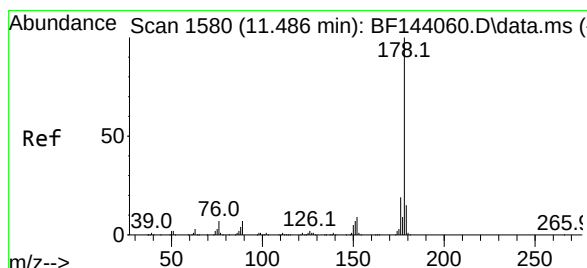
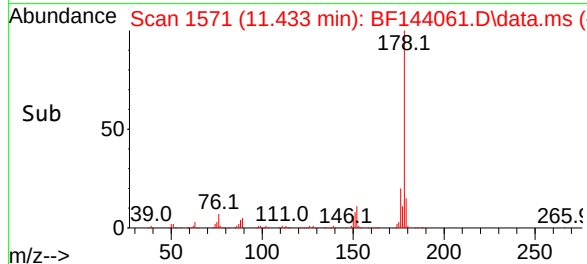
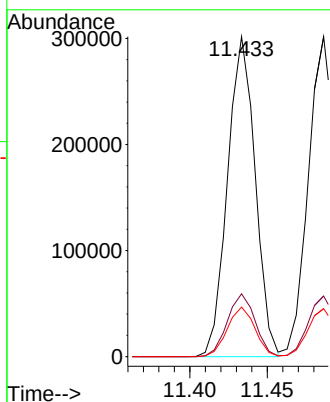
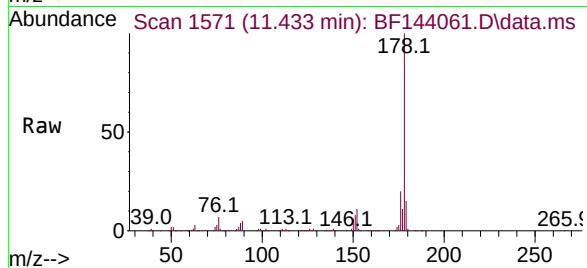




#71  
Phenanthrene  
Concen: 46.205 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

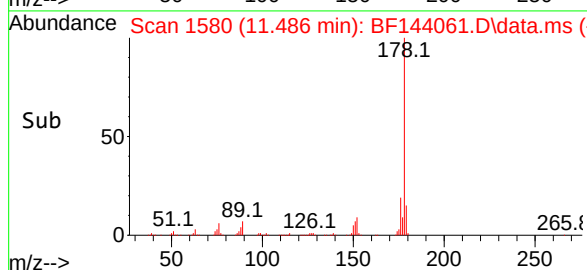
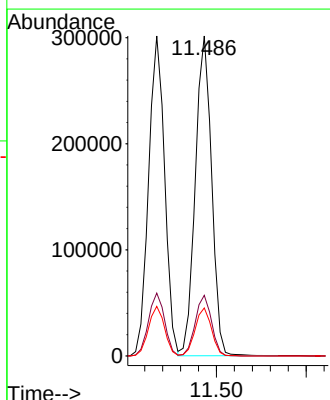
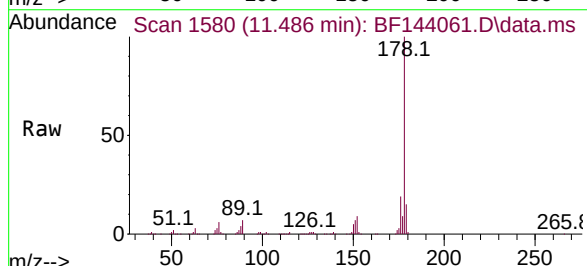
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

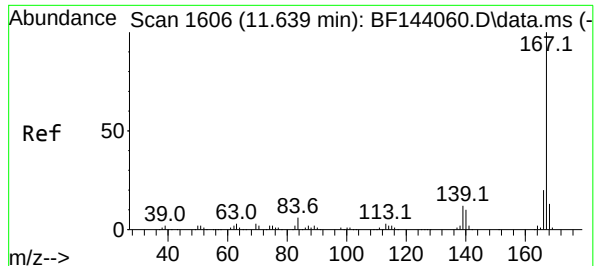
Tgt Ion:178 Resp: 374285  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.3 24.5  
179 15.5 12.6 18.8



#72  
Anthracene  
Concen: 45.423 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

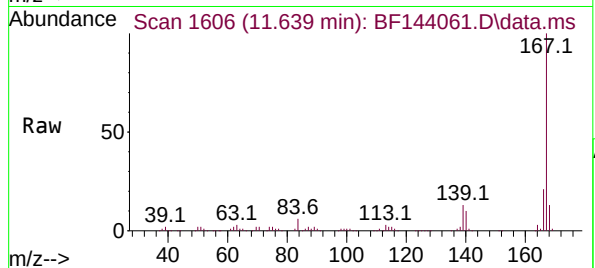
Tgt Ion:178 Resp: 380096  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.0 11.8 17.6



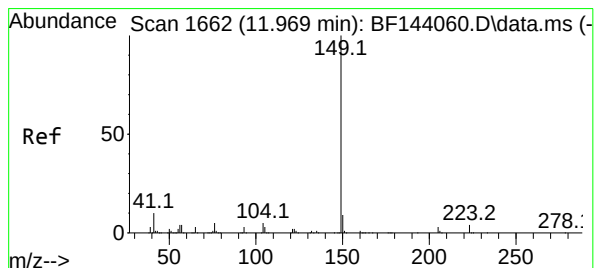
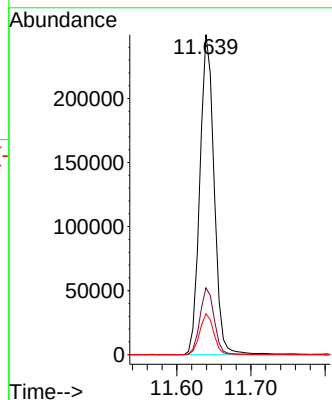


#73  
Carbazole  
Concen: 46.845 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

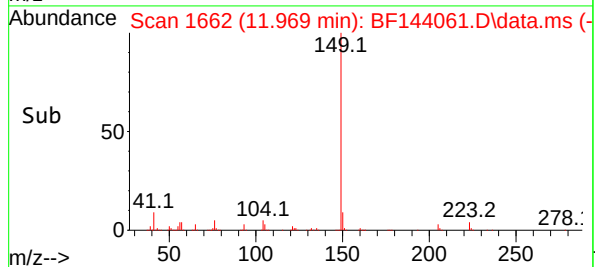
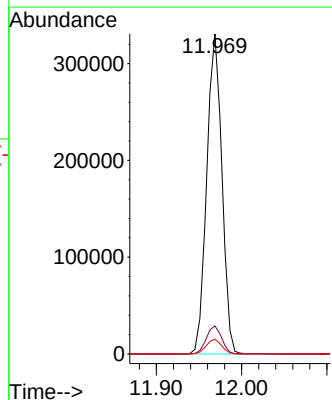
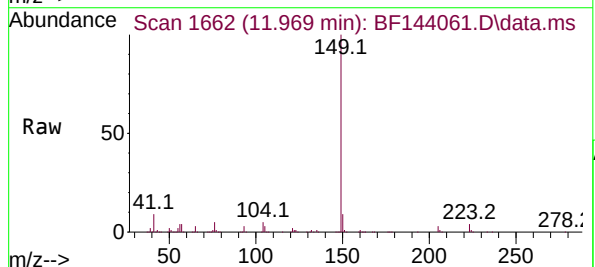


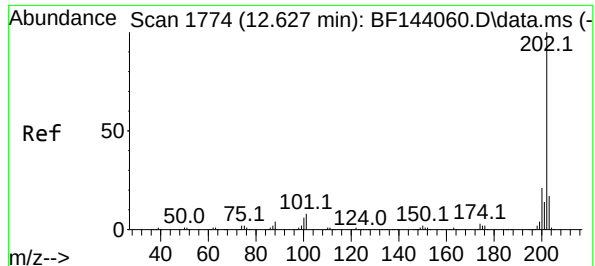
Tgt Ion:167 Resp: 333654  
Ion Ratio Lower Upper  
167 100  
166 20.9 16.1 24.1  
139 12.8 9.8 14.6



#74  
Di-n-butylphthalate  
Concen: 46.795 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 408630  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.3 10.9  
104 4.6 3.6 5.4

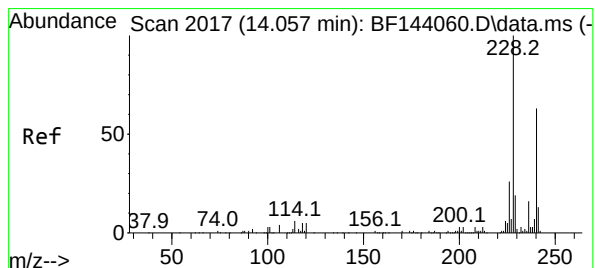
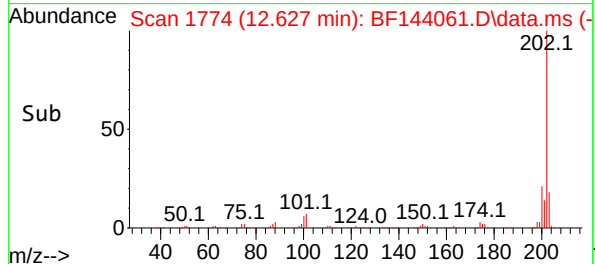
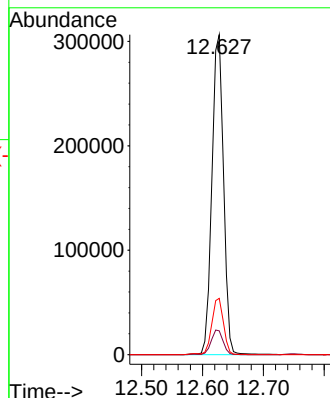
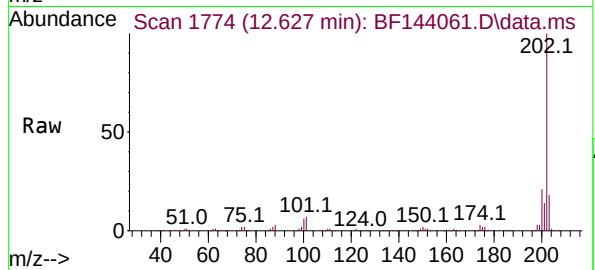




#75  
Fluoranthene  
Concen: 45.411 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

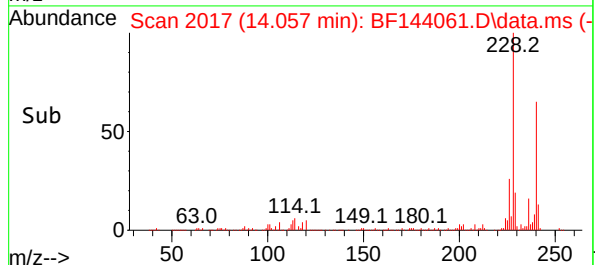
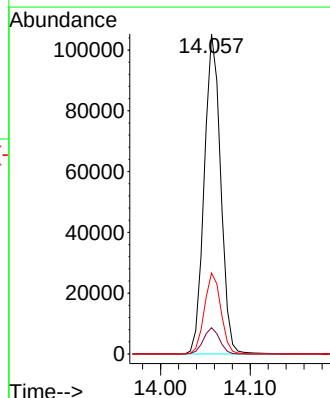
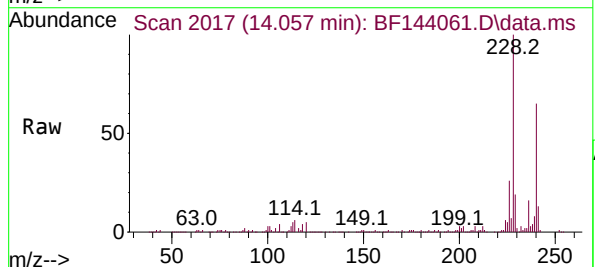
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

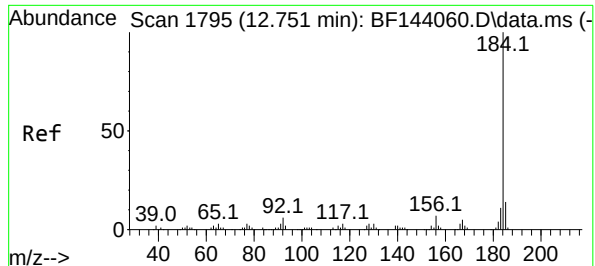
Tgt Ion:202 Resp: 406402  
Ion Ratio Lower Upper  
202 100  
101 7.4 0.0 27.7  
203 17.6 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:240 Resp: 133555  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.5 9.7  
236 25.3 20.1 30.1





#77

Benzidine

Concen: 41.214 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

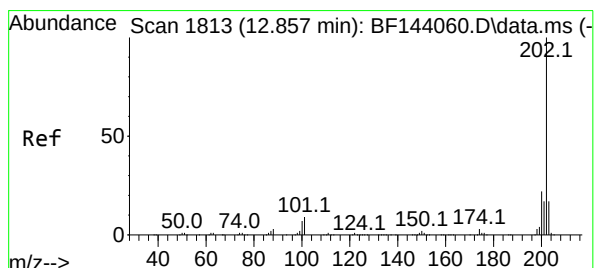
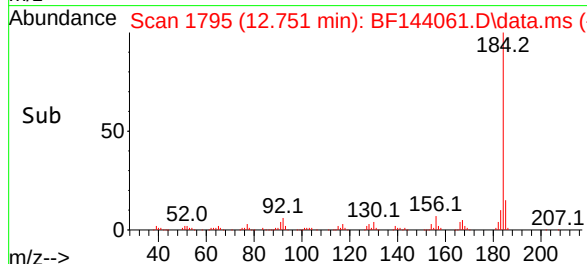
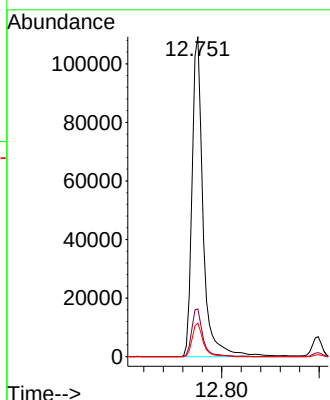
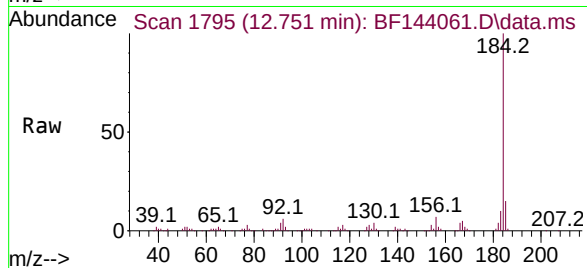
Tgt Ion:184 Resp: 171303

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.5 8.5 12.7



#78

Pyrene

Concen: 45.038 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

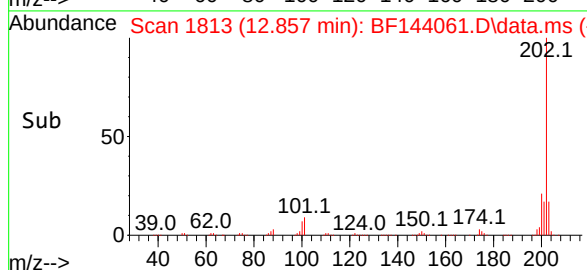
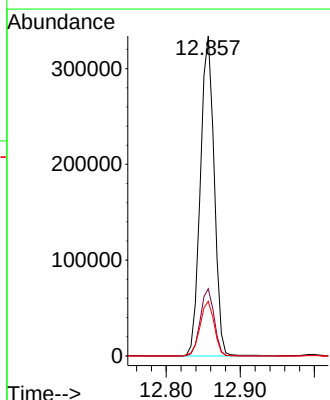
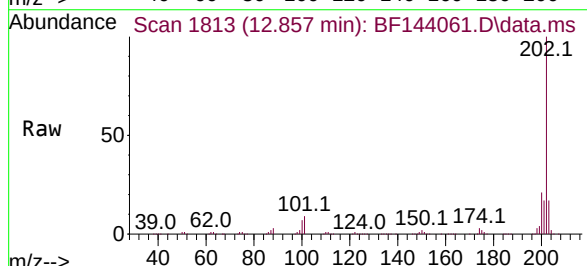
Tgt Ion:202 Resp: 432441

Ion Ratio Lower Upper

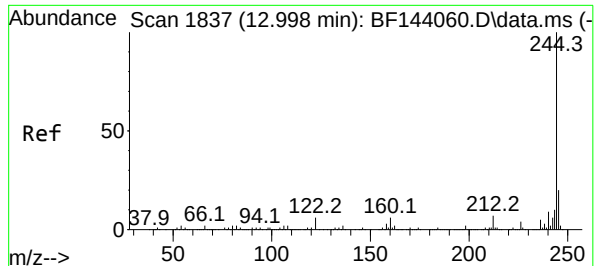
202 100

200 21.0 17.2 25.8

203 17.0 13.5 20.3







#79

Terphenyl-d14

Concen: 87.573 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

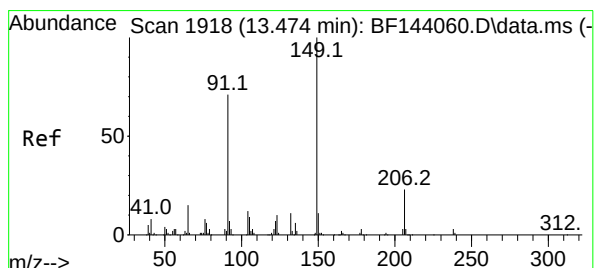
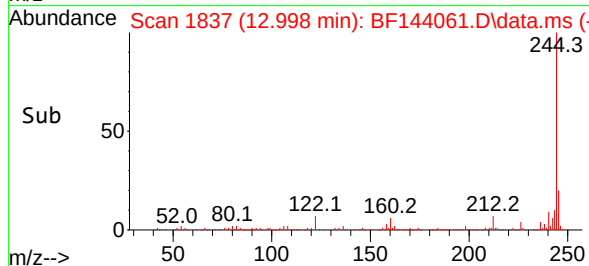
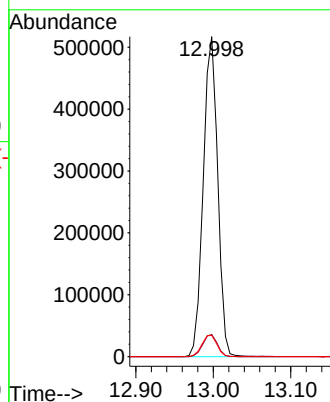
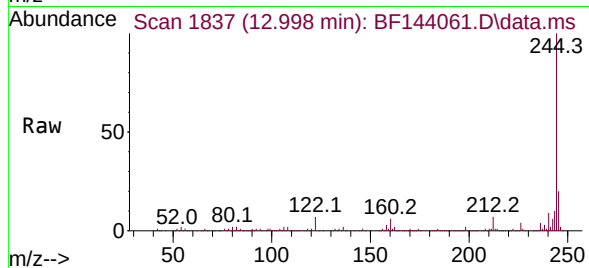
Tgt Ion:244 Resp: 669013

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.6 4.9 7.3



#80

Butylbenzylphthalate

Concen: 45.417 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

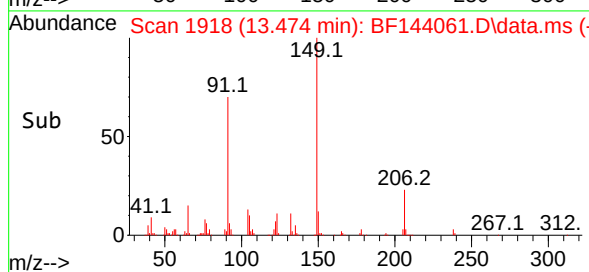
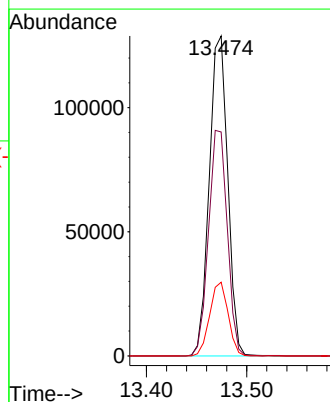
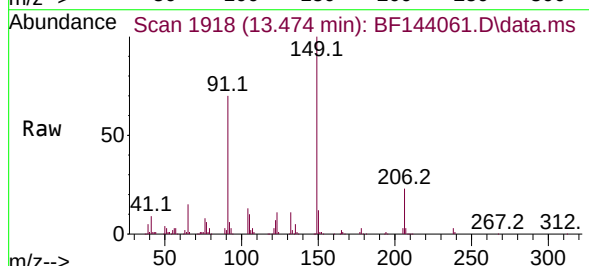
Tgt Ion:149 Resp: 164976

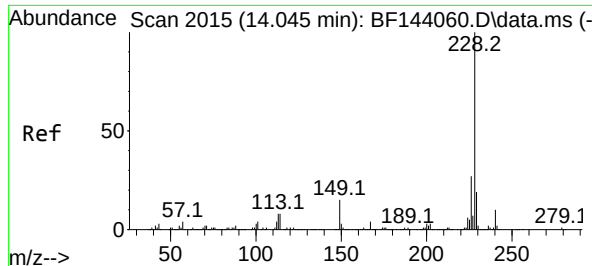
Ion Ratio Lower Upper

149 100

91 70.0 56.6 84.8

206 23.0 18.3 27.5

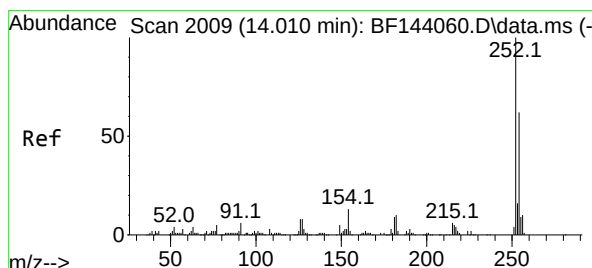
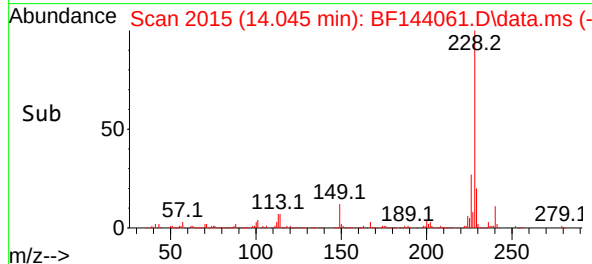
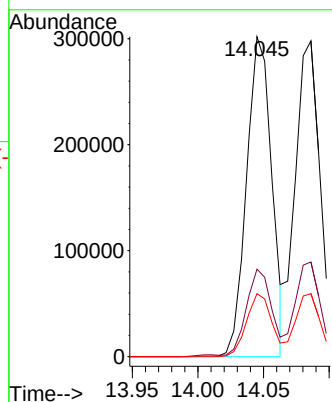
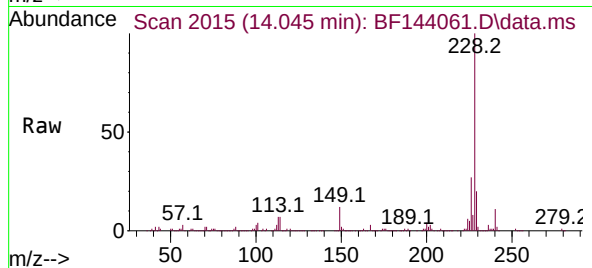




#81  
Benzo(a)anthracene  
Concen: 44.609 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

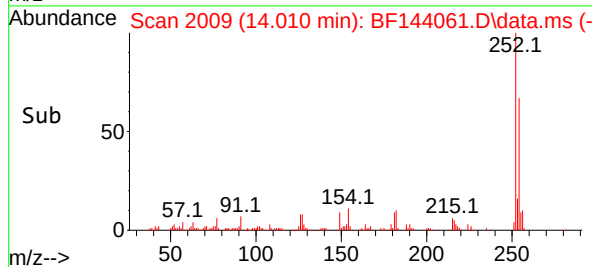
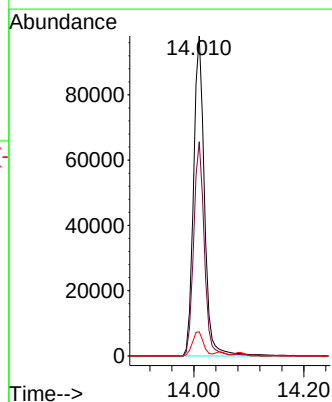
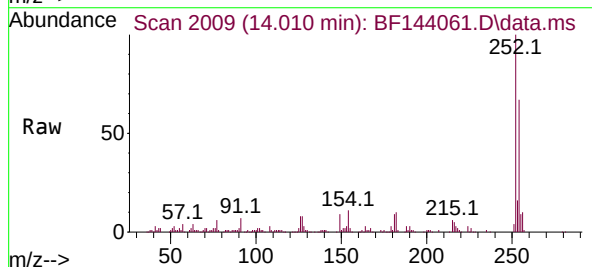
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

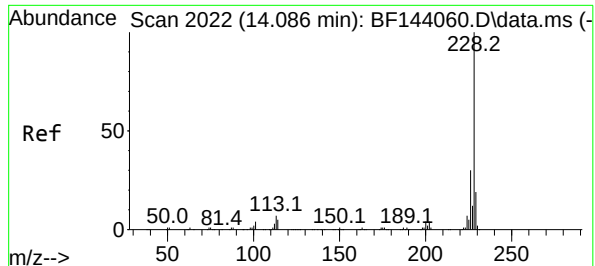
Tgt Ion:228 Resp: 402629  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.4 32.2  
229 19.7 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 42.940 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:252 Resp: 134912  
Ion Ratio Lower Upper  
252 100  
254 66.9 49.9 74.9  
126 7.5 6.5 9.7

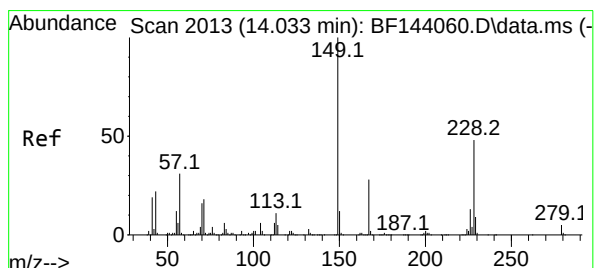
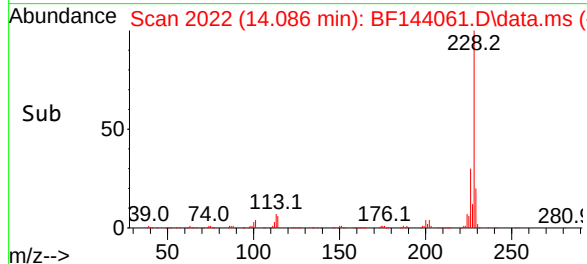
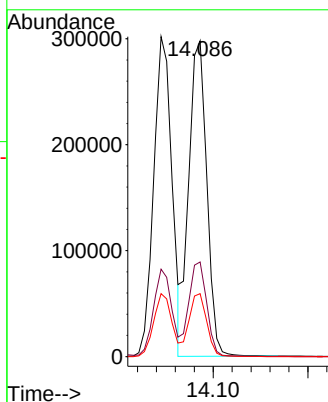
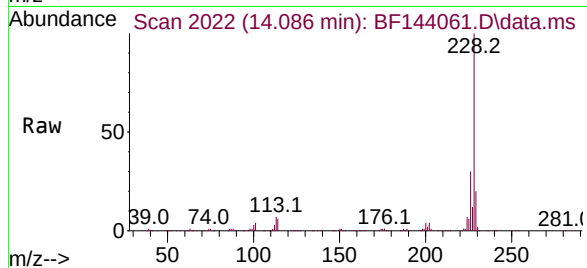




#83  
Chrysene  
Concen: 46.461 ng  
RT: 14.086 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

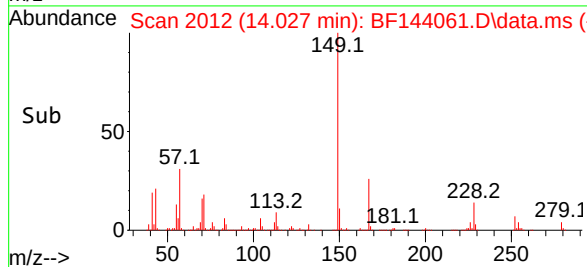
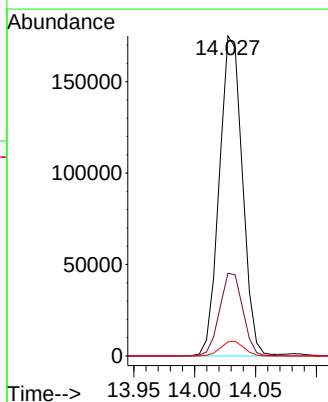
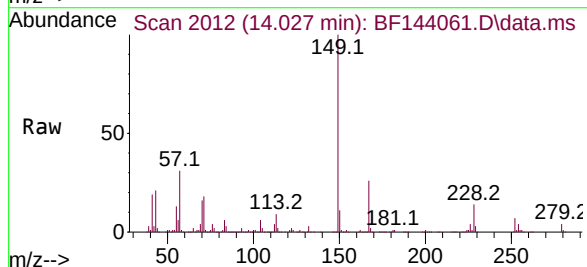
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

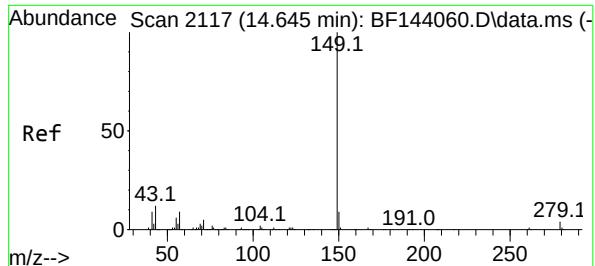
Tgt Ion:228 Resp: 393508  
Ion Ratio Lower Upper  
228 100  
226 30.0 23.8 35.6  
229 19.9 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.450 ng  
RT: 14.027 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 230343  
Ion Ratio Lower Upper  
149 100  
167 25.8 22.5 33.7  
279 4.4 3.6 5.4

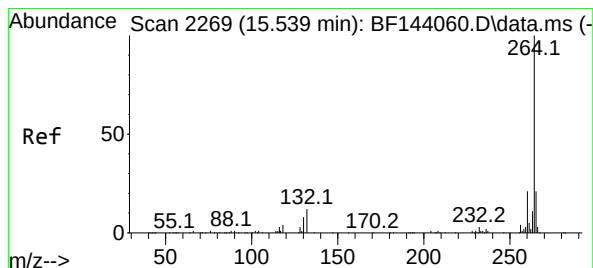
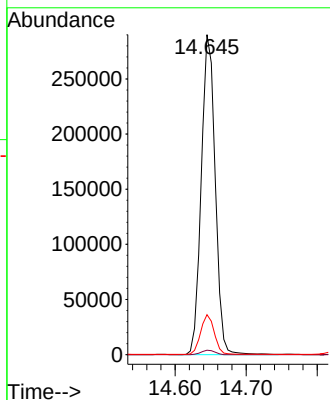
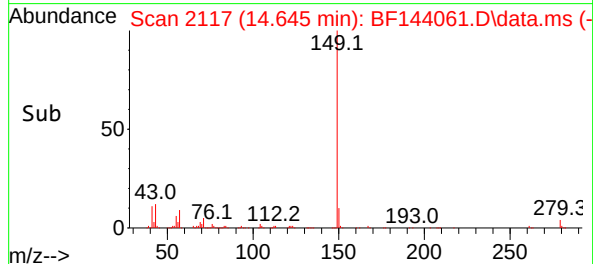
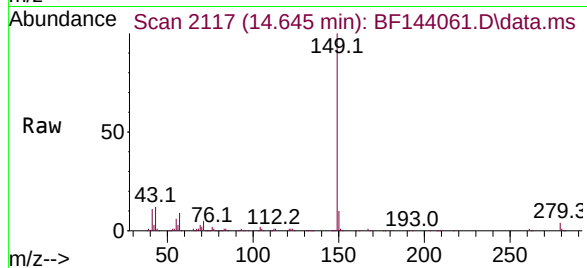




#85  
Di-n-octyl phthalate  
Concen: 46.156 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

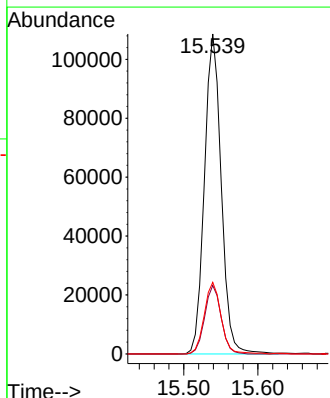
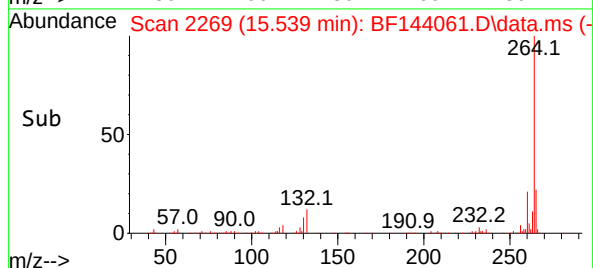
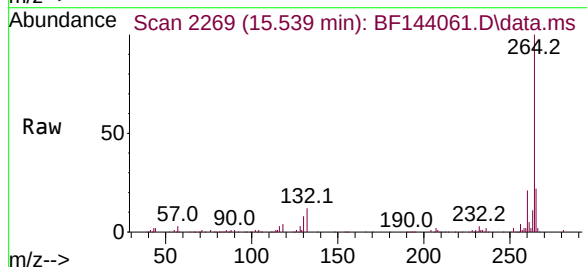
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

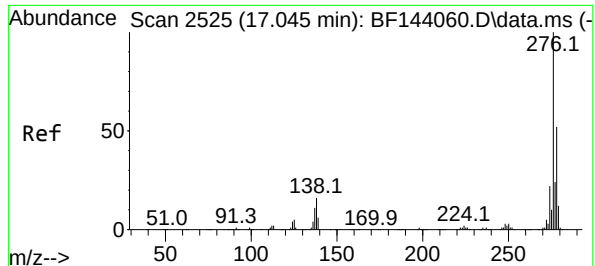
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.3   | 1.2   | 1.8   |
| 43      | 12.3  | 9.3   | 13.9  |



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.4  | 17.0  | 25.4  |
| 265     | 22.4  | 16.6  | 24.8  |





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.151 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

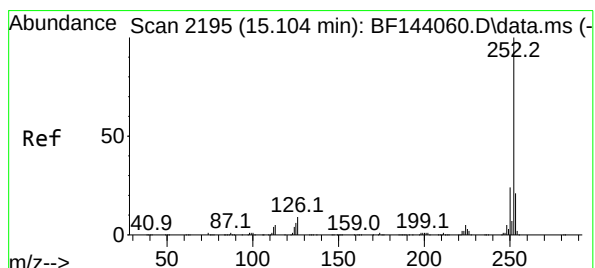
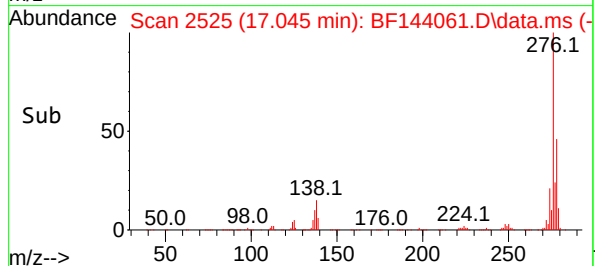
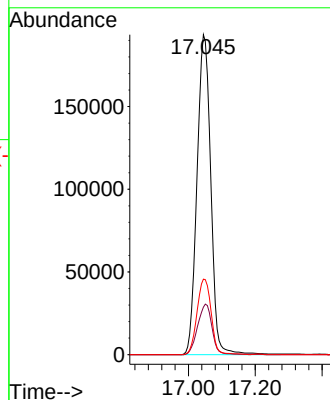
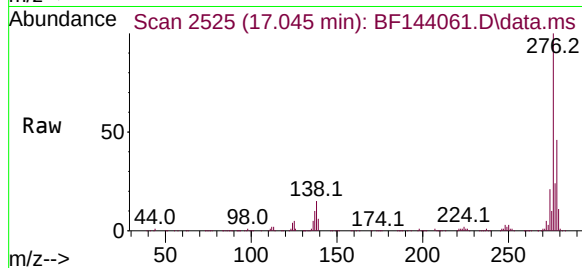
Tgt Ion:276 Resp: 552781

Ion Ratio Lower Upper

276 100

138 16.4 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 46.646 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

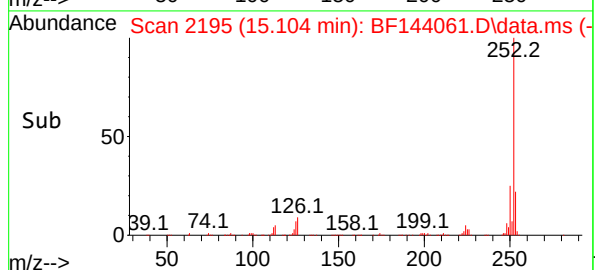
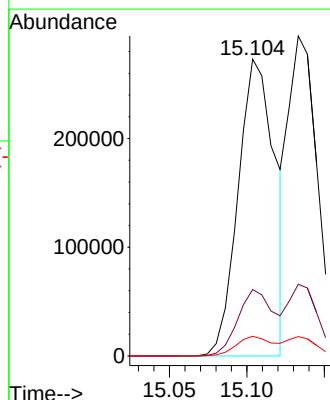
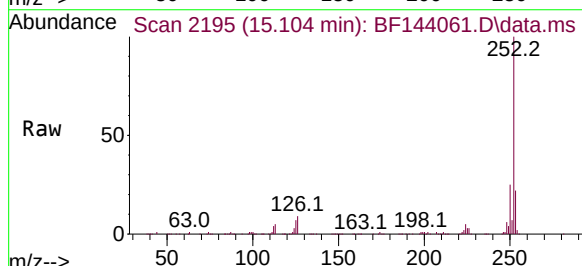
Tgt Ion:252 Resp: 450302

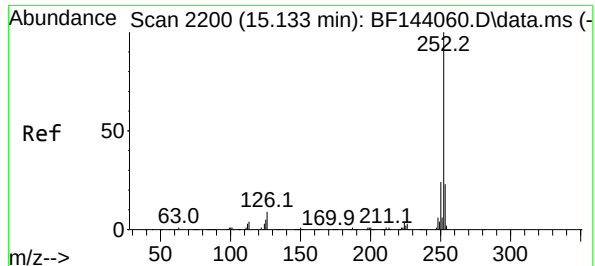
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 6.6 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 43.445 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

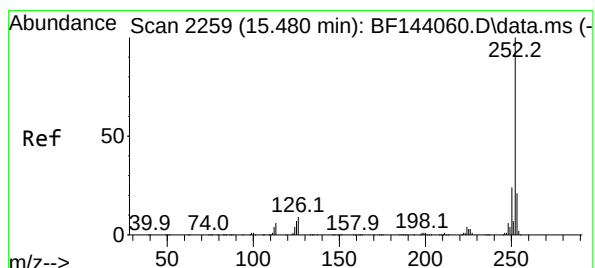
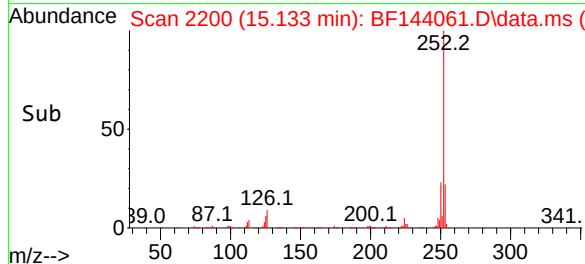
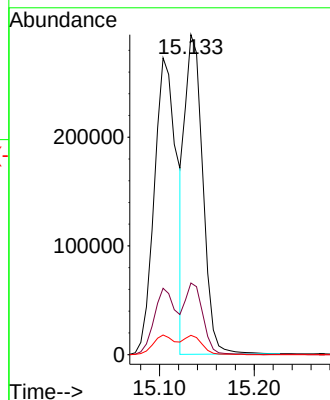
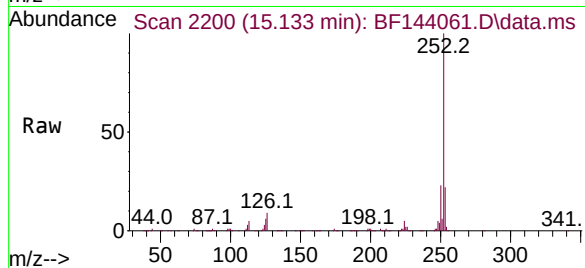
Tgt Ion:252 Resp: 386955

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 46.436 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

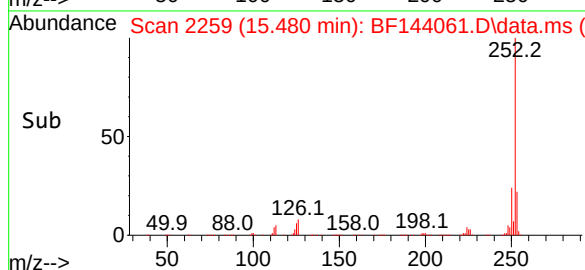
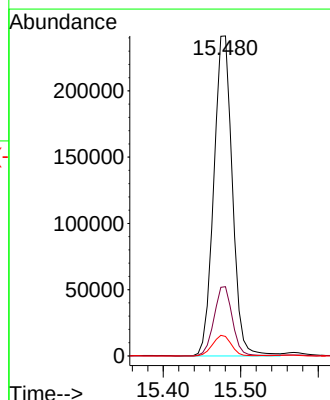
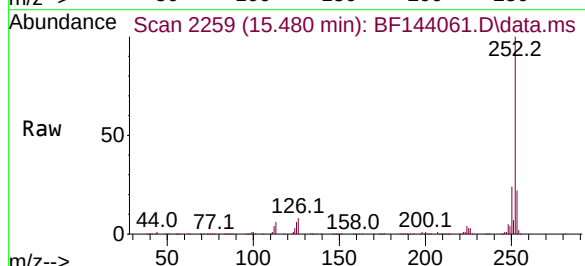
Tgt Ion:252 Resp: 402167

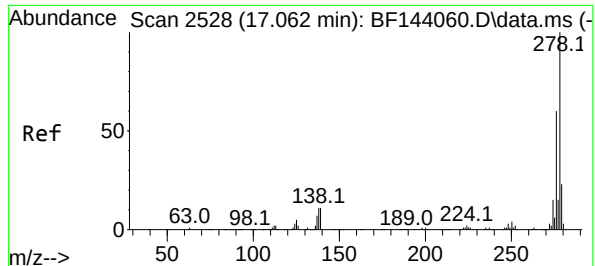
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 6.1 5.4 8.2

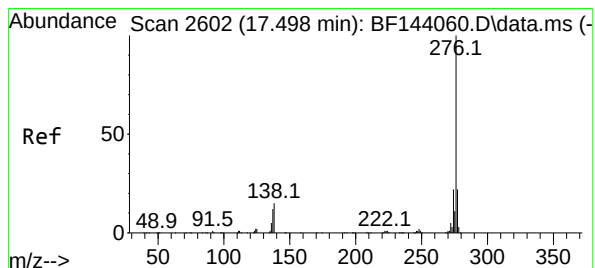
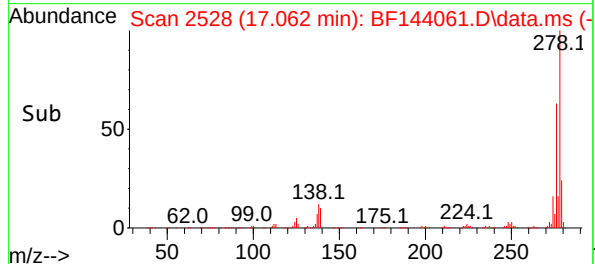
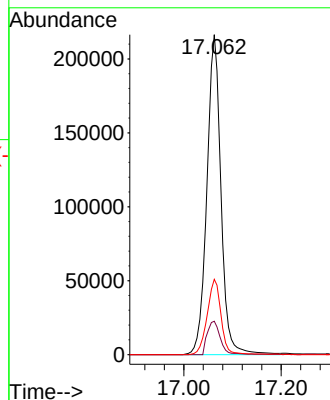
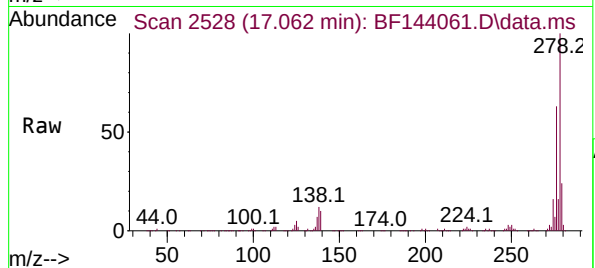




#91  
Dibenzo(a,h)anthracene  
Concen: 47.119 ng  
RT: 17.062 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

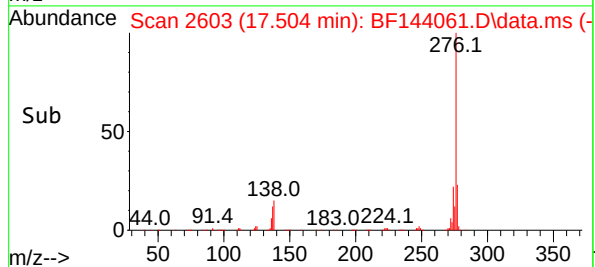
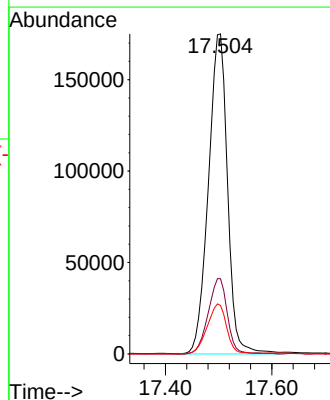
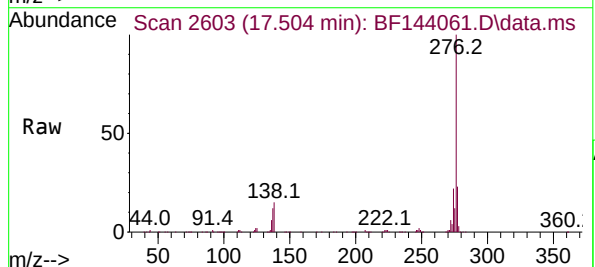
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:278 Resp: 437275  
Ion Ratio Lower Upper  
278 100  
139 10.4 8.5 12.7  
279 23.5 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 46.804 ng  
RT: 17.504 min Scan# 2603  
Delta R.T. 0.006 min  
Lab File: BF144061.D  
Acq: 24 Oct 2025 13:34

Tgt Ion:276 Resp: 436689  
Ion Ratio Lower Upper  
276 100  
277 23.5 17.9 26.9  
138 15.1 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144063.D  
 Acq On : 24 Oct 2025 14:32  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 58739    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 209353   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 112793   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 191608   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 151514   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 200004   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 510582   | 137.523 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 560479   | 136.693 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 552167   | 144.501 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 212808   | 148.116 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1050410  | 131.050 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1234056  | 142.390 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 113019   | 70.445  | ng    | 97       |
| 3) Pyridine                   | 3.398  | 79   | 321948   | 74.957  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 201953   | 76.521  | ng    | 97       |
| 6) Aniline                    | 6.545  | 93   | 393504   | 67.082  | ng    | 92       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 250635   | 68.549  | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 244035   | 76.656  | ng    | 96       |
| 10) Phenol                    | 6.528  | 94   | 339521   | 67.118  | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 254160   | 69.532  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 305526   | 67.741  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 304178   | 68.434  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 287786   | 66.915  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 240927   | 72.263  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 478809   | 69.697  | ng    | 93       |
| 17) 2-Methylphenol            | 7.134  | 107  | 193458   | 68.795  | ng    | 97       |
| 18) Hexachloroethane          | 7.392  | 117  | 112050   | 70.510  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 190167   | 71.721  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 227718   | 68.500  | ng    | # 86     |
| 22) Acetophenone              | 7.298  | 105  | 310700   | 68.672  | ng    | 99       |
| 24) Nitrobenzene              | 7.469  | 77   | 294221   | 72.786  | ng    | 98       |
| 25) Isophorone                | 7.710  | 82   | 487685   | 73.000  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.781  | 139  | 138311   | 71.925  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 207224   | 72.515  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 293996   | 70.566  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 230075   | 69.232  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 239831   | 70.150  | ng    | 97       |
| 31) Naphthalene               | 8.186  | 128  | 660164   | 66.812  | ng    | 98       |
| 32) Benzoic acid              | 7.945  | 122  | 135524   | 74.766  | ng    | 88       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 239182   | 69.535  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 196083   | 70.141  | ng    | 98       |
| 35) Caprolactam               | 8.622  | 113  | 62887    | 75.462  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 209253   | 71.352  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 438984   | 67.385  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 418223   | 67.761  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 263109   | 67.873  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 99937    | 83.468  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 173959   | 69.040  | ng    | 99       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144063.D  
 Acq On : 24 Oct 2025 14:32  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

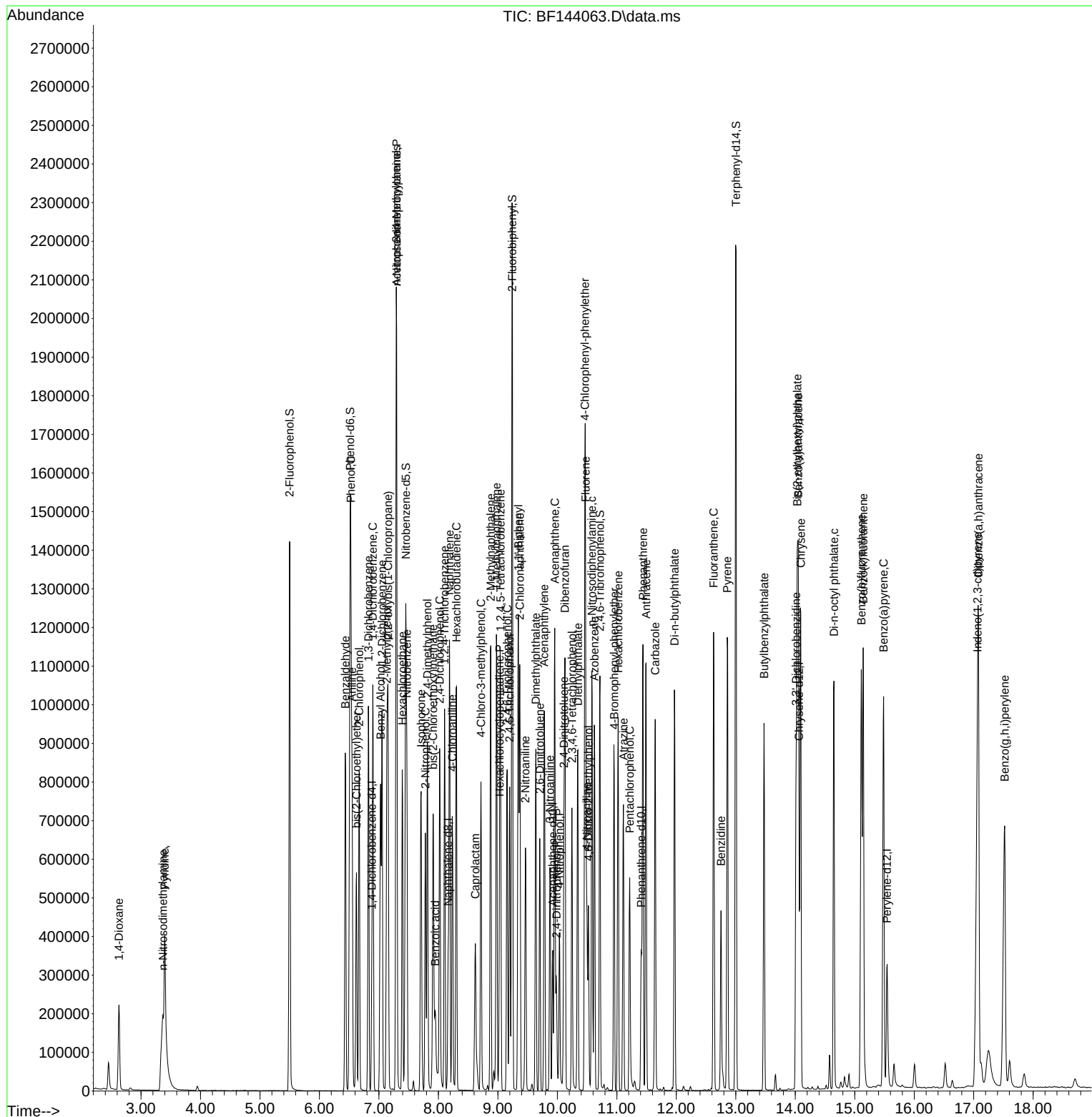
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 189248   | 71.565 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 530392   | 65.690 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 446307   | 65.979 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 148164   | 73.762 | ng    | 99       |
| 49) Acenaphthylene            | 9.780  | 152  | 603127   | 66.126 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 517194   | 69.954 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 108081   | 73.947 | ng    | 97       |
| 52) Acenaphthene              | 9.957  | 154  | 412422   | 67.707 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 112811   | 69.421 | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 62962    | 79.646 | ng    | 94       |
| 55) Dibenzofuran              | 10.127 | 168  | 560264   | 66.253 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 83091    | 75.509 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 145667   | 73.844 | ng    | 97       |
| 58) Fluorene                  | 10.474 | 166  | 426390   | 66.175 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 133917   | 71.865 | ng    | # 97     |
| 60) Diethylphthalate          | 10.345 | 149  | 488605   | 70.274 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 238684   | 65.871 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 113935   | 73.997 | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 460222   | 69.934 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 88545    | 72.027 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 415732   | 67.908 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 164677   | 68.643 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.022 | 284  | 205267   | 69.766 | ng    | 97       |
| 69) Atrazine                  | 11.110 | 200  | 129646   | 64.536 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 110717   | 79.055 | ng    | 97       |
| 71) Phenanthrene              | 11.439 | 178  | 654557   | 68.769 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 656473   | 66.765 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 565232   | 67.538 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 723962   | 70.556 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 731393   | 69.552 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 282392   | 59.887 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 749362   | 68.794 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 303486   | 73.645 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 743007   | 72.564 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 258546   | 72.536 | ng    | 100      |
| 83) Chrysene                  | 14.092 | 228  | 708889   | 73.777 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 406325   | 72.226 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 714909   | 73.894 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 1010103  | 73.561 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.109 | 252  | 840121   | 74.302 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 708890   | 67.953 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 727345   | 71.704 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 797474   | 73.369 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 811620   | 74.269 | ng    | 98       |

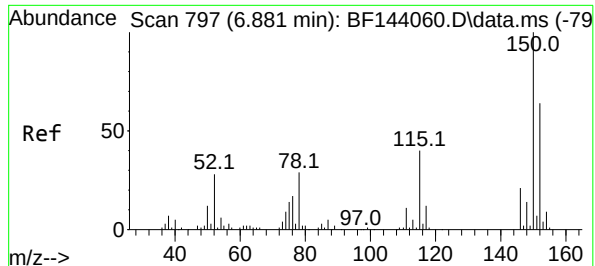
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144063.D  
 Acq On : 24 Oct 2025 14:32  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

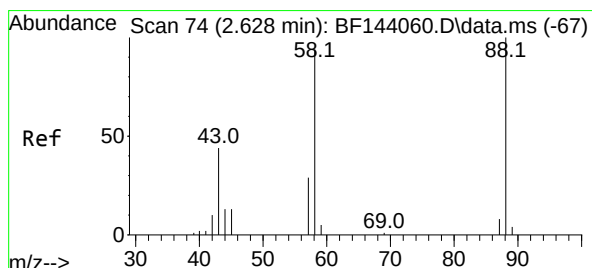
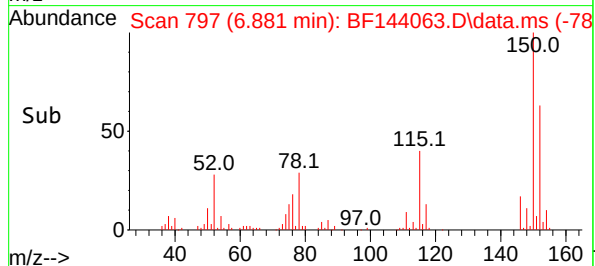
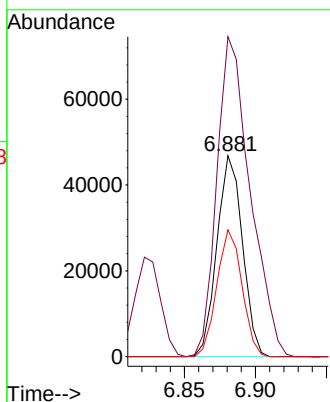
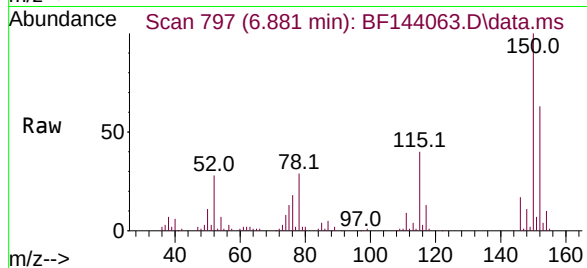




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

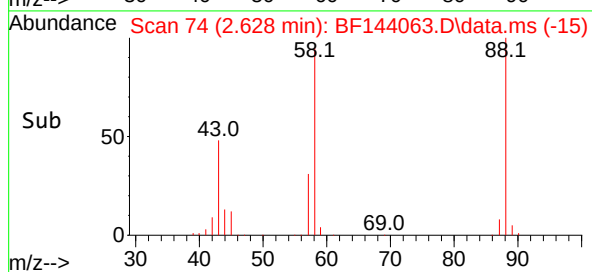
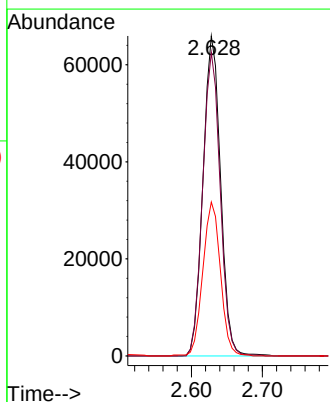
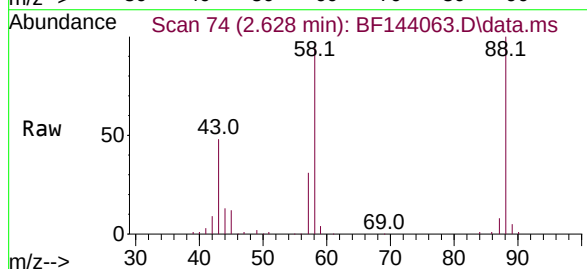
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

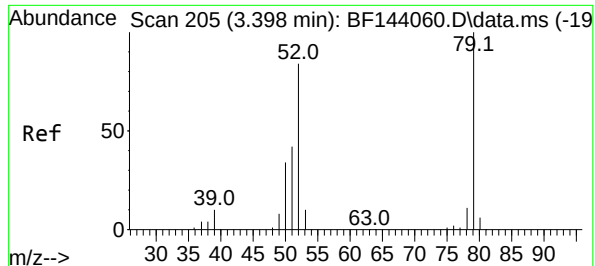
Tgt Ion:152 Resp: 58739  
Ion Ratio Lower Upper  
152 100  
150 159.3 124.4 186.6  
115 63.2 49.4 74.0



#2  
1,4-Dioxane  
Concen: 70.445 ng  
RT: 2.628 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 88 Resp: 113019  
Ion Ratio Lower Upper  
88 100  
58 94.6 76.5 114.7  
43 48.3 35.3 52.9





#3

Pyridine

Concen: 74.957 ng

RT: 3.398 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

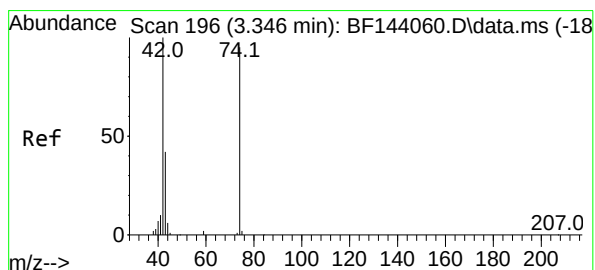
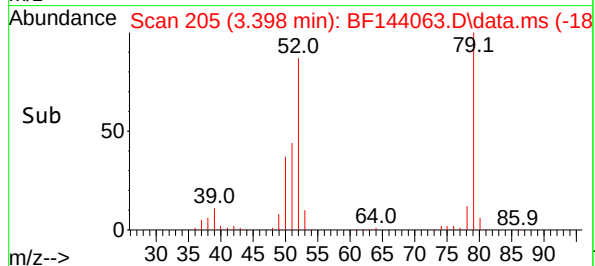
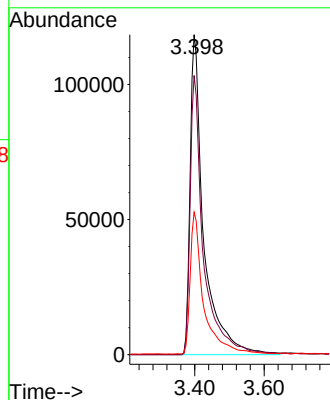
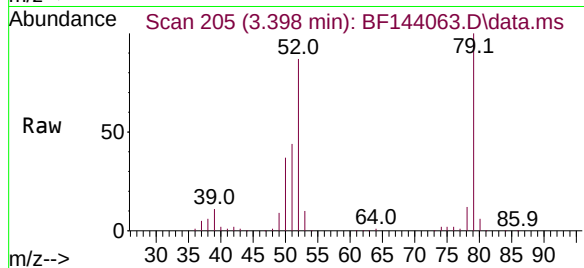
Tgt Ion: 79 Resp: 321948

Ion Ratio Lower Upper

79 100

52 87.3 67.5 101.3

51 44.5 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 76.521 ng

RT: 3.369 min Scan# 200

Delta R.T. 0.024 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

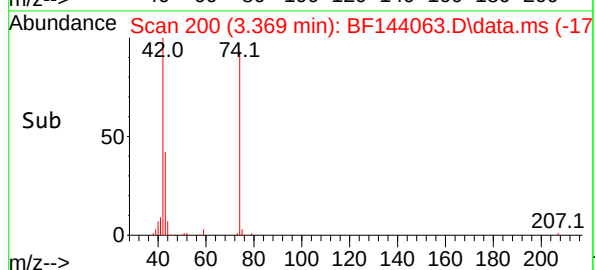
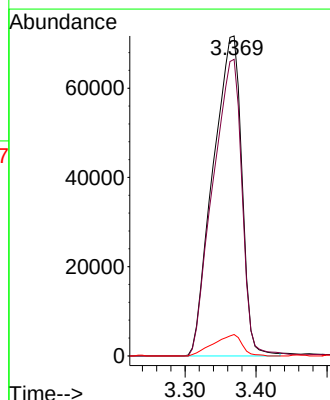
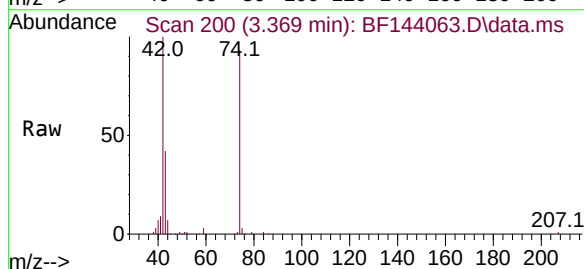
Tgt Ion: 42 Resp: 201953

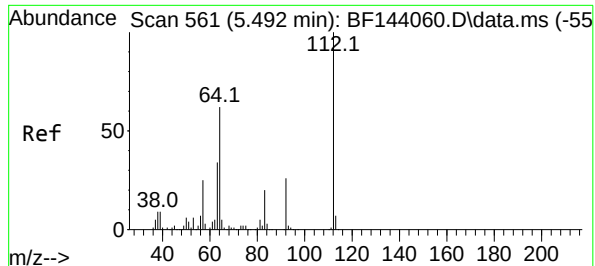
Ion Ratio Lower Upper

42 100

74 92.7 76.4 114.6

44 6.7 5.2 7.8

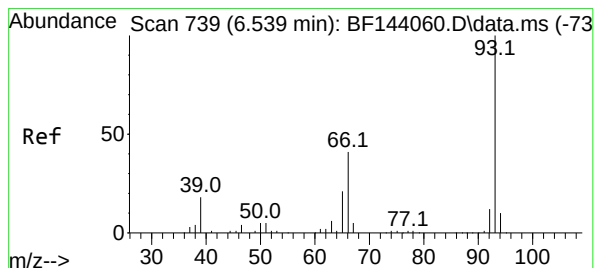
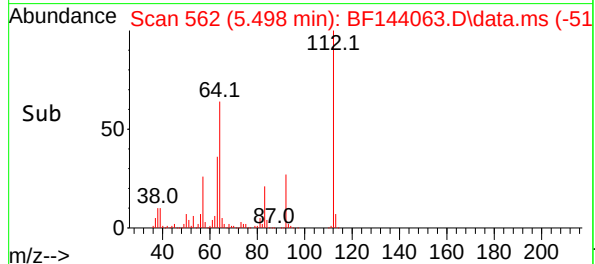
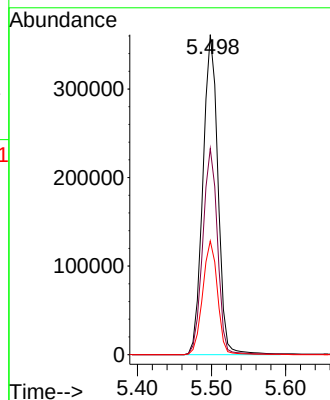
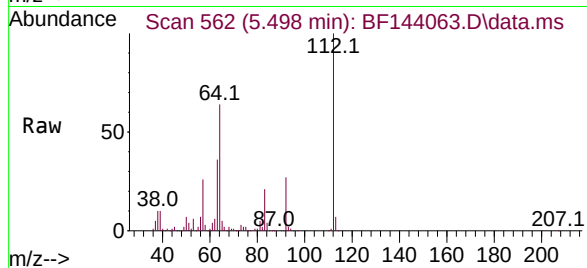




#5  
2-Fluorophenol  
Concen: 137.523 ng  
RT: 5.498 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

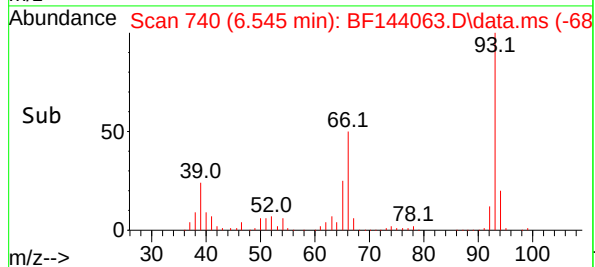
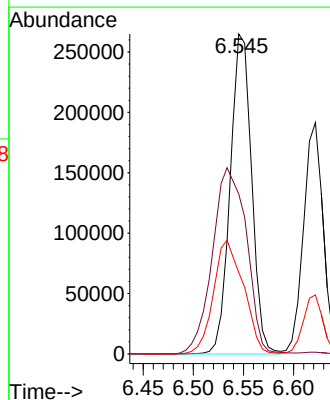
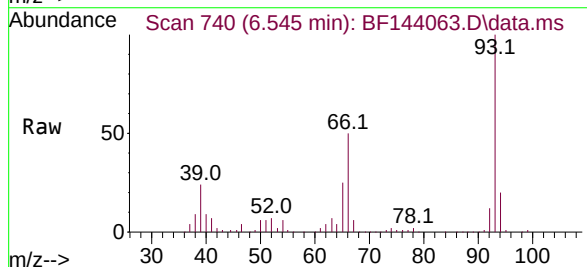
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

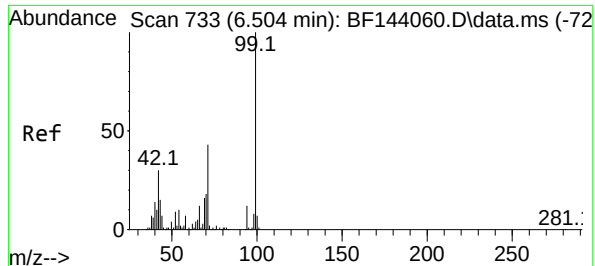
Tgt Ion:112 Resp: 510582  
Ion Ratio Lower Upper  
112 100  
64 64.4 49.8 74.8  
63 35.5 27.4 41.2



#6  
Aniline  
Concen: 67.082 ng  
RT: 6.545 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 93 Resp: 393504  
Ion Ratio Lower Upper  
93 100  
66 50.0 35.7 53.5  
65 25.4 17.0 25.6

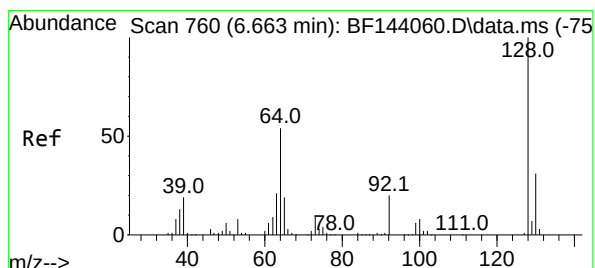
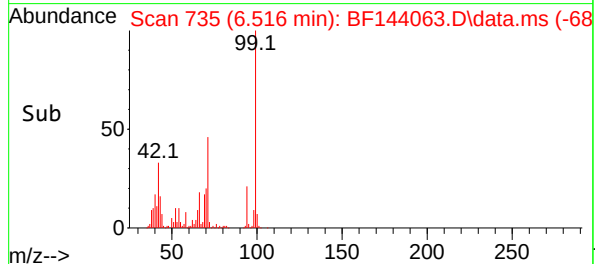
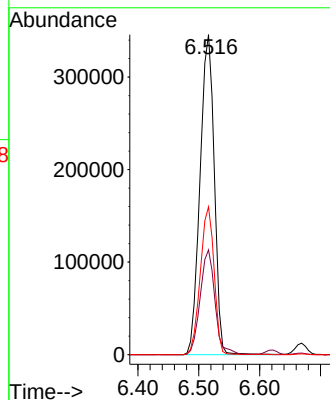
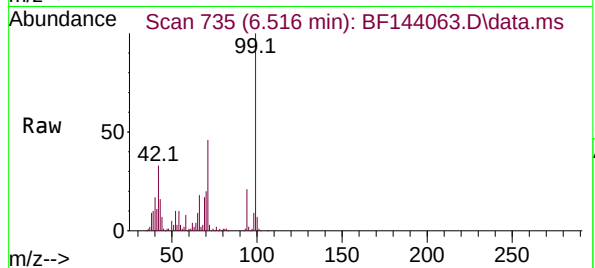




#7  
Phenol-d6  
Concen: 136.693 ng  
RT: 6.516 min Scan# 735  
Delta R.T. 0.012 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

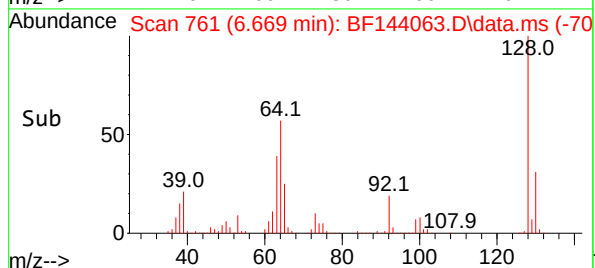
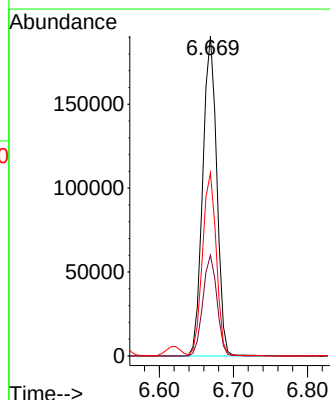
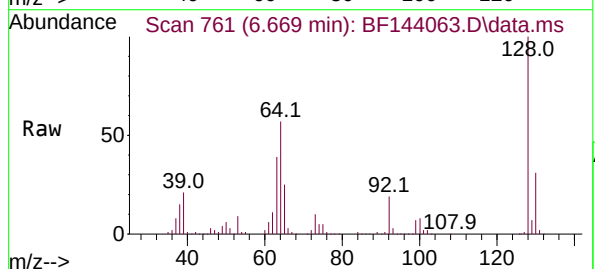
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

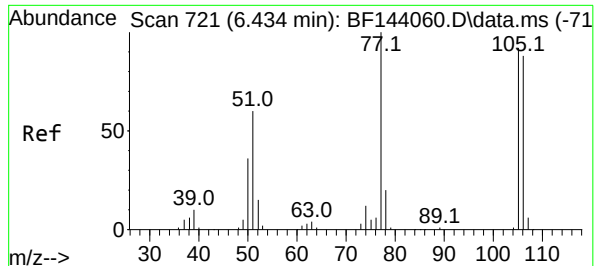
Tgt Ion: 99 Resp: 560479  
Ion Ratio Lower Upper  
99 100  
42 32.7 23.9 35.9  
71 46.2 34.4 51.6



#8  
2-Chlorophenol  
Concen: 68.549 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 128 Resp: 250635  
Ion Ratio Lower Upper  
128 100  
130 31.5 10.7 50.7  
64 57.2 34.7 74.7





#9

Benzaldehyde

Concen: 76.656 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

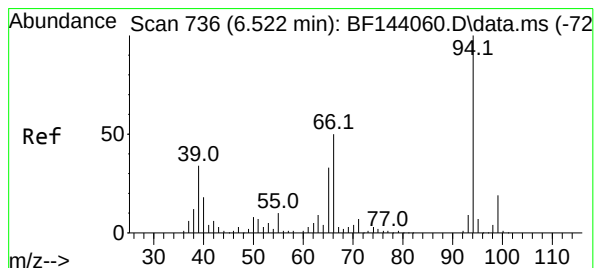
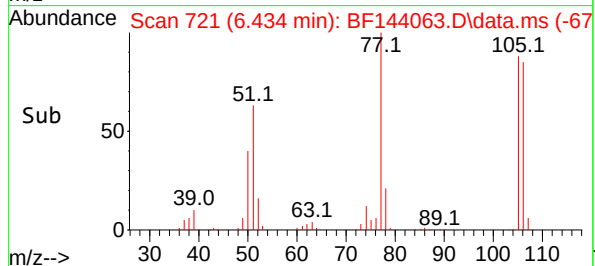
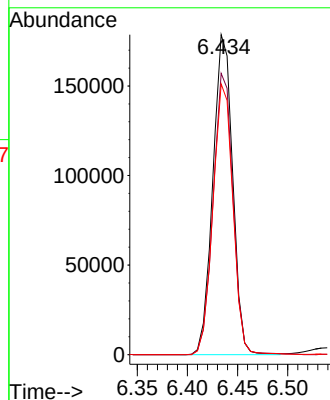
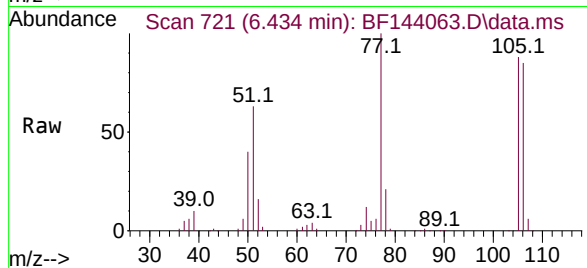
Tgt Ion: 77 Resp: 244035

Ion Ratio Lower Upper

77 100

105 87.9 72.2 112.2

106 84.6 67.9 107.9



#10

Phenol

Concen: 67.118 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

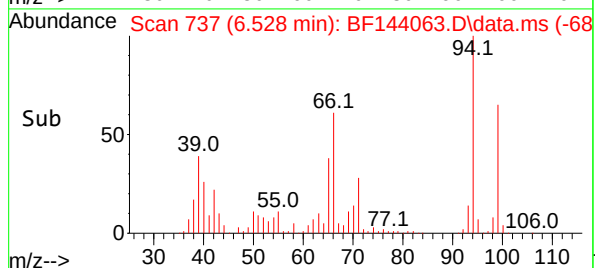
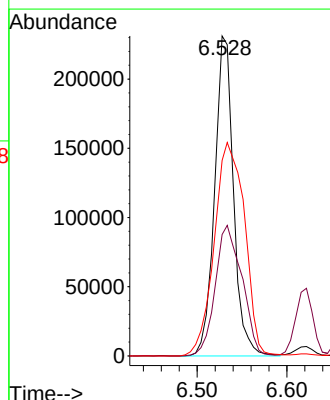
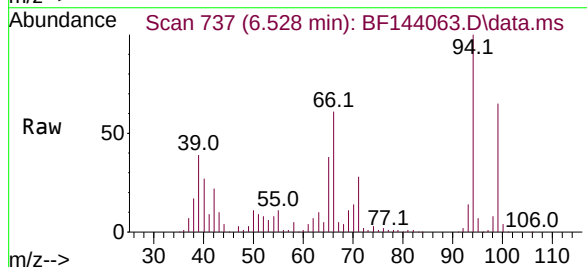
Tgt Ion: 94 Resp: 339521

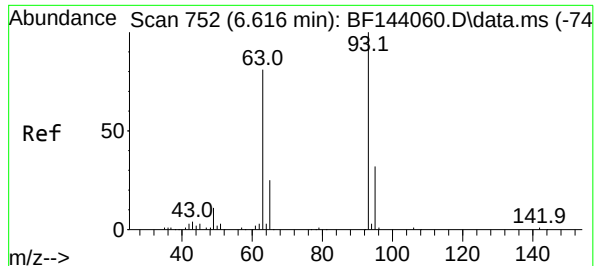
Ion Ratio Lower Upper

94 100

65 37.9 13.1 53.1

66 61.1 30.6 70.6

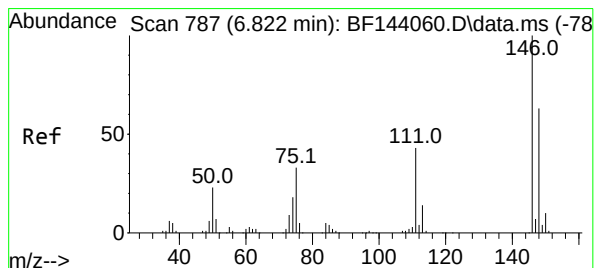
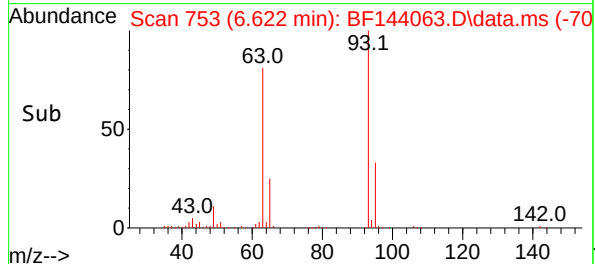
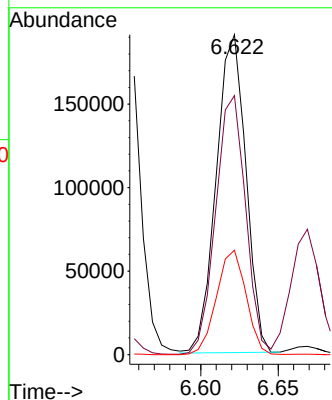
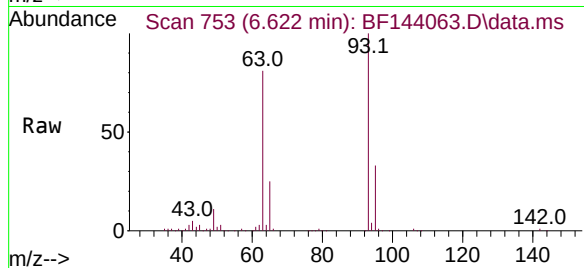




#11  
bis(2-Chloroethyl)ether  
Concen: 69.532 ng  
RT: 6.622 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

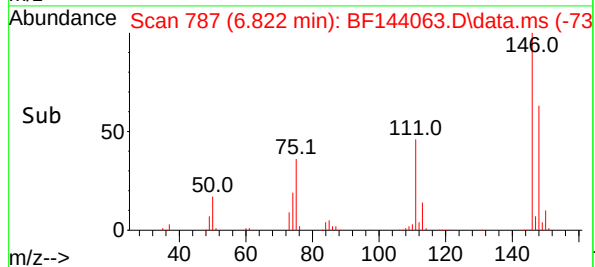
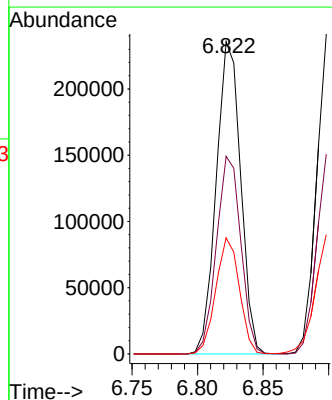
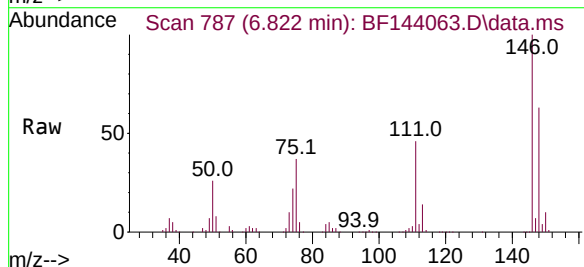
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 93 Resp: 254160  
Ion Ratio Lower Upper  
93 100  
63 80.9 60.2 100.2  
95 32.6 12.4 52.4

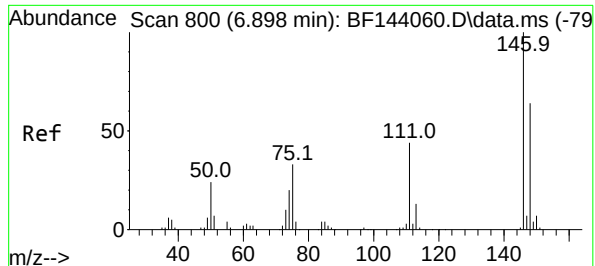


#12  
1,3-Dichlorobenzene  
Concen: 67.741 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 146 Resp: 305526  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.6 75.8  
75 37.2 26.6 40.0







#13

1,4-Dichlorobenzene

Concen: 68.434 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

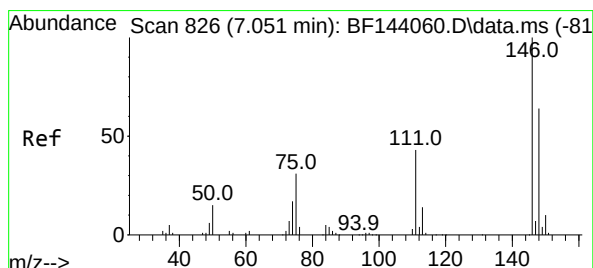
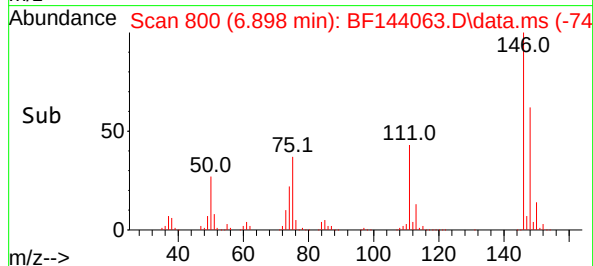
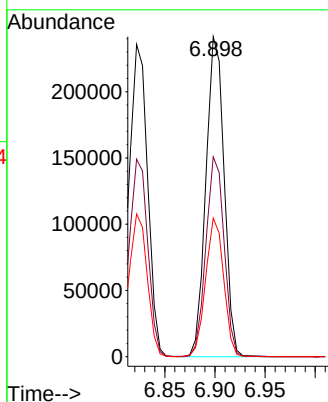
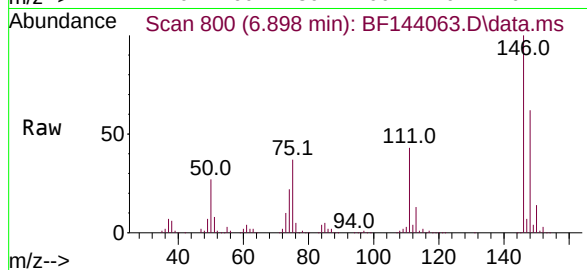
Tgt Ion:146 Resp: 304178

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

111 43.3 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 66.915 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

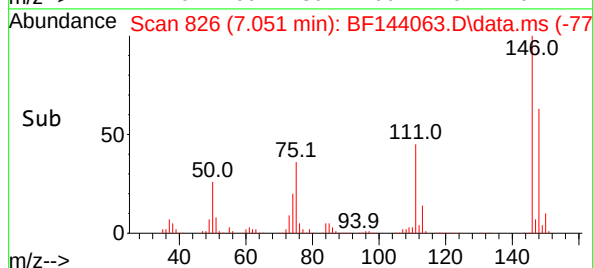
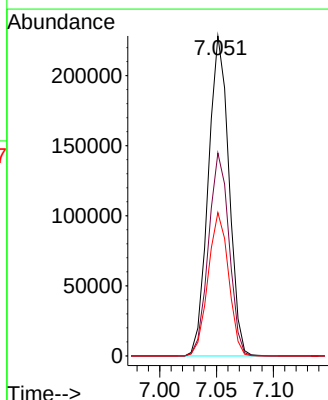
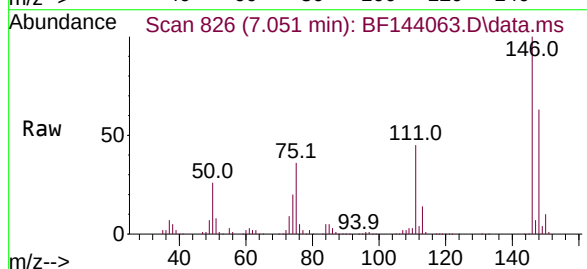
Tgt Ion:146 Resp: 287786

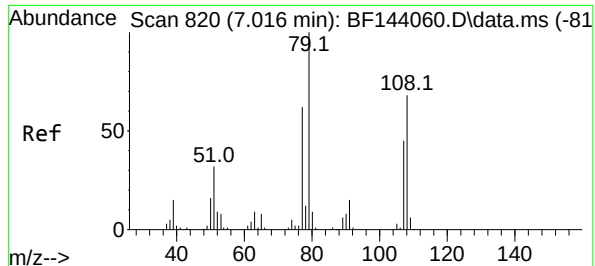
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 44.8 34.7 52.1

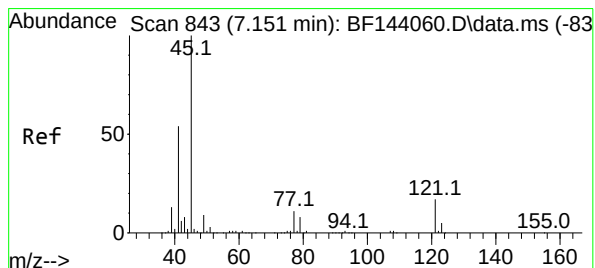
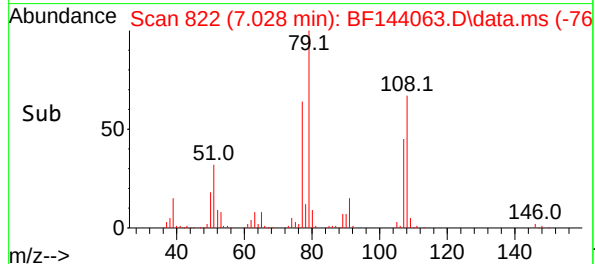
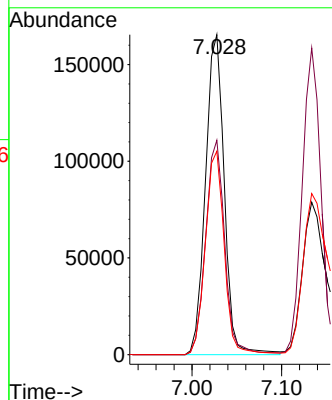
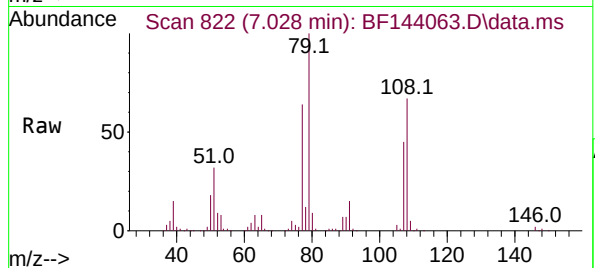




#15  
Benzyl Alcohol  
Concen: 72.263 ng  
RT: 7.028 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

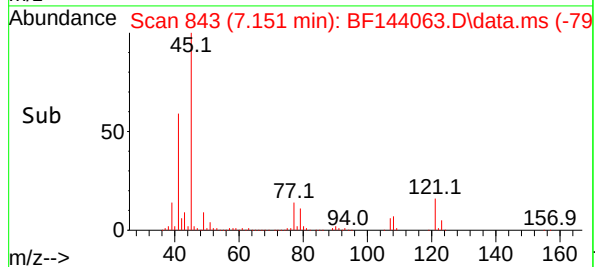
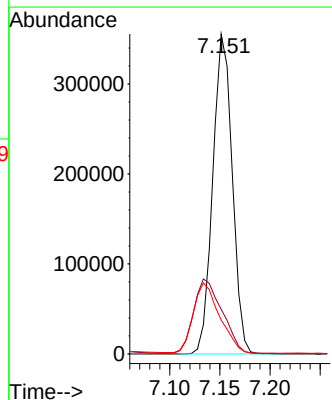
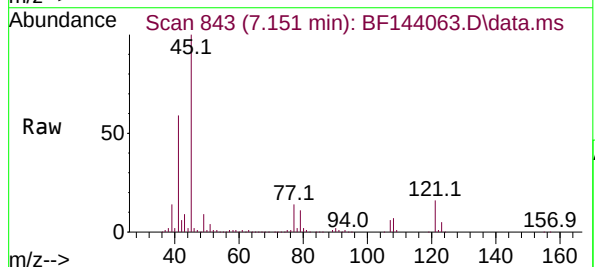
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

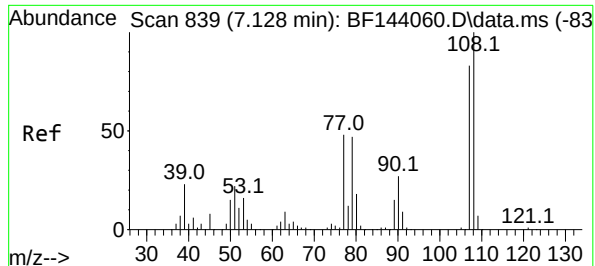
Tgt Ion: 79 Resp: 240927  
Ion Ratio Lower Upper  
79 100  
108 67.0 54.8 82.2  
77 63.6 49.4 74.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 69.697 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 45 Resp: 478809  
Ion Ratio Lower Upper  
45 100  
77 13.9 0.0 30.9  
79 10.6 0.0 28.2

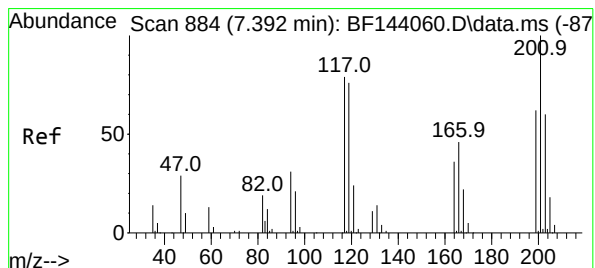
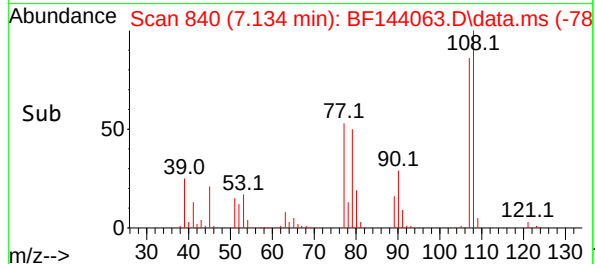
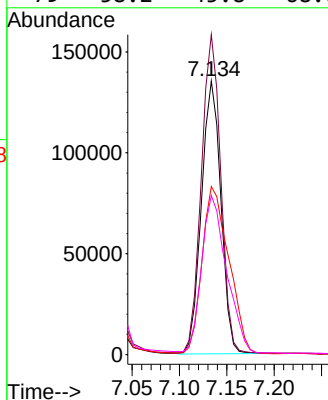
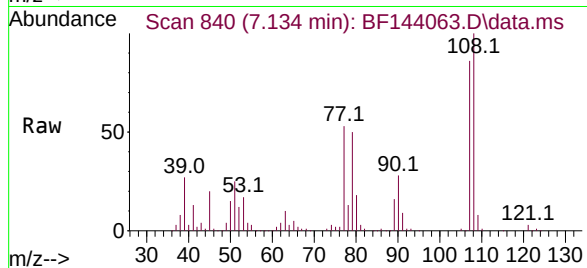




#17  
2-Methylphenol  
Concen: 68.795 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

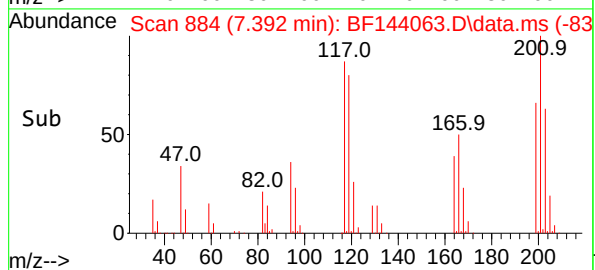
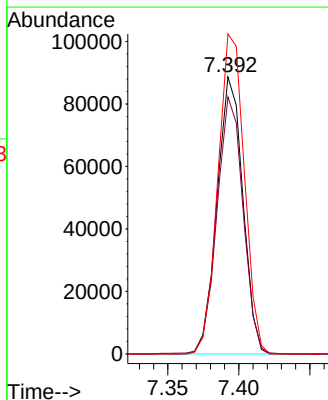
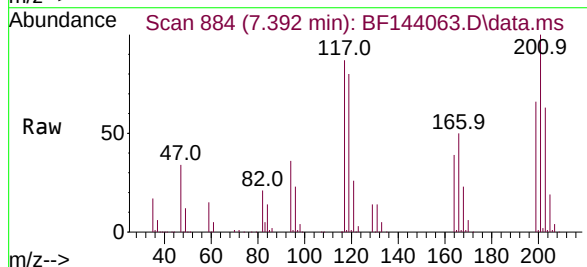
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

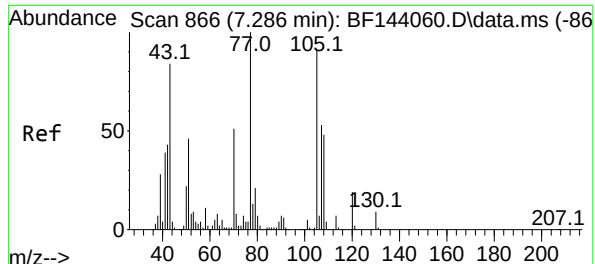
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 193458 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.9 | 96.4  | 144.6  |
| 77       | 61.4  | 46.8  | 70.2   |
| 79       | 58.2  | 45.8  | 68.6   |



#18  
Hexachloroethane  
Concen: 70.510 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112050 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.7  | 76.6  | 115.0  |
| 201      | 115.5 | 100.9 | 151.3  |

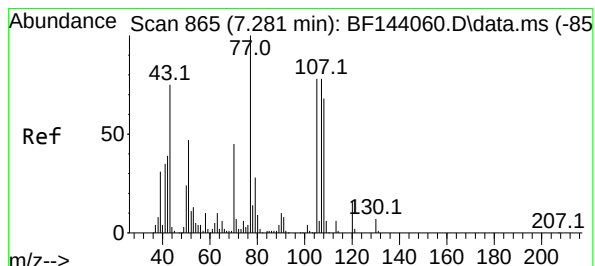
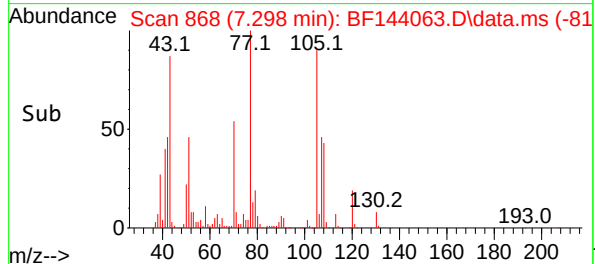
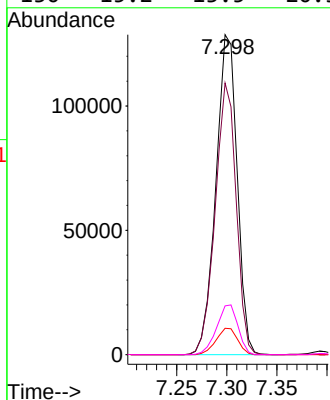
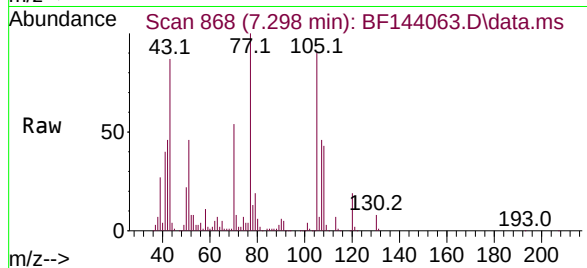




#19  
n-Nitroso-di-n-propylamine  
Concen: 71.721 ng  
RT: 7.298 min Scan# 868  
Delta R.T. 0.012 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

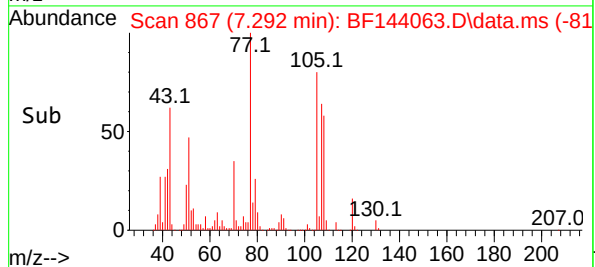
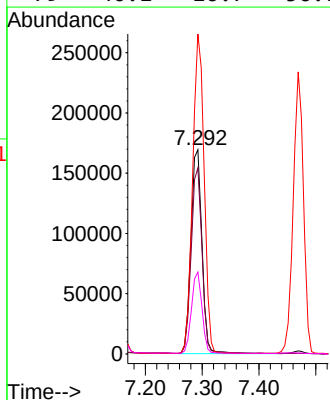
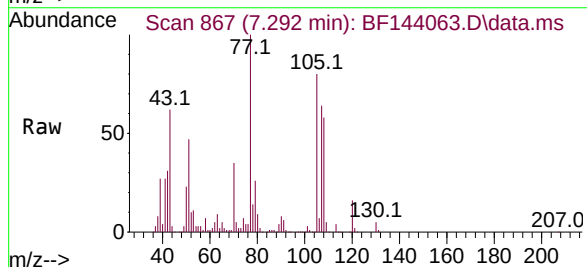
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

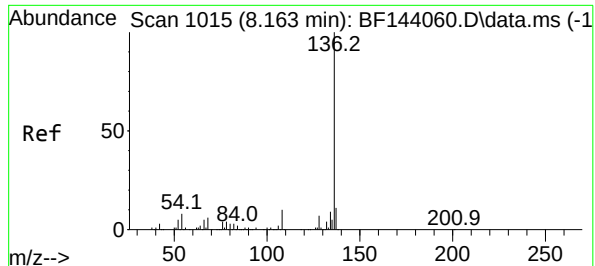
Tgt Ion: 70 Resp: 190167  
Ion Ratio Lower Upper  
70 100  
42 84.9 67.4 101.0  
101 8.2 7.1 10.7  
130 15.2 13.5 20.3



#20  
3+4-Methylphenols  
Concen: 68.500 ng  
RT: 7.292 min Scan# 867  
Delta R.T. 0.012 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 107 Resp: 227718  
Ion Ratio Lower Upper  
107 100  
108 91.1 68.0 108.0  
77 156.8 108.7 148.7#  
79 40.1 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144063.D

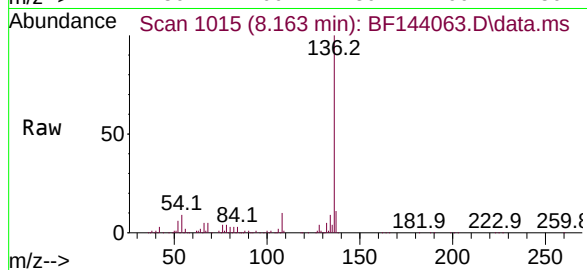
Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

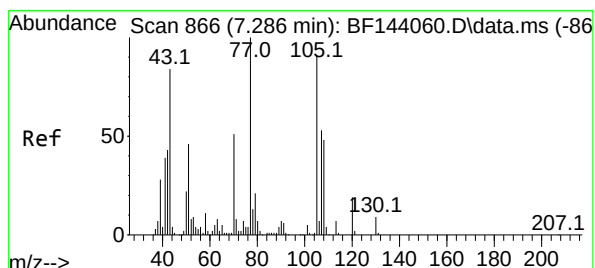
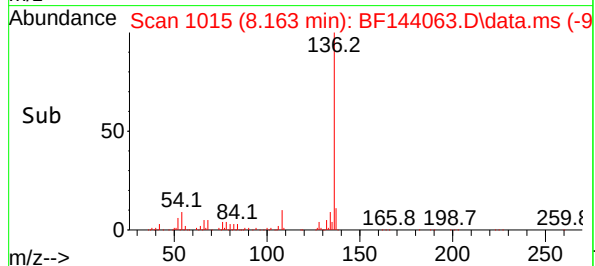
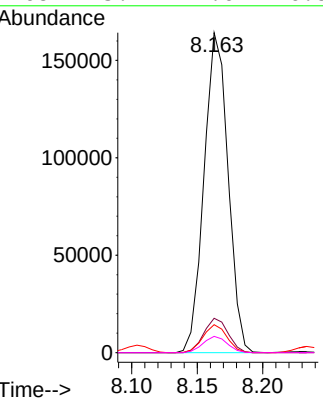
ClientSampleId :

SSTDICC080



Tgt Ion:136 Resp: 209353

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 13.0  |
| 54  | 8.7   | 6.6   | 9.8   |
| 68  | 5.1   | 4.6   | 6.8   |



#22

Acetophenone

Concen: 68.672 ng

RT: 7.298 min Scan# 868

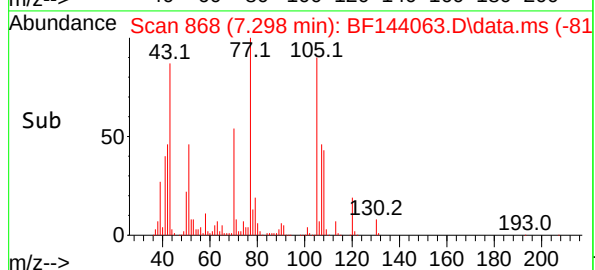
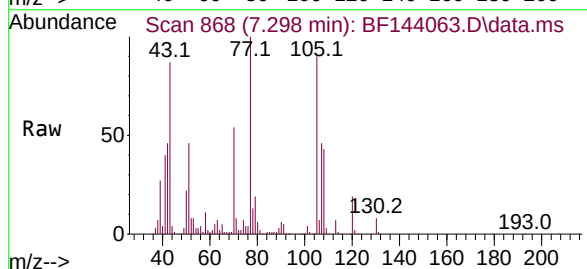
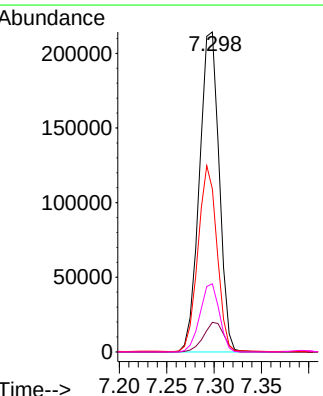
Delta R.T. 0.012 min

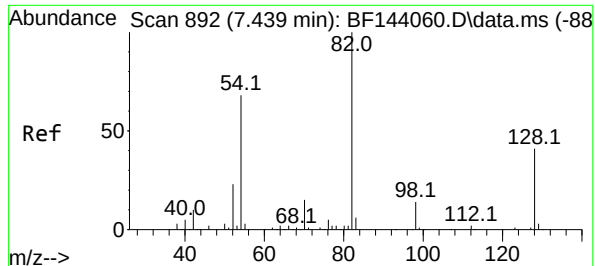
Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:105 Resp: 310700

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 9.2   | 6.9   | 10.3  |
| 51  | 50.9  | 40.6  | 60.8  |
| 120 | 21.3  | 16.8  | 25.2  |

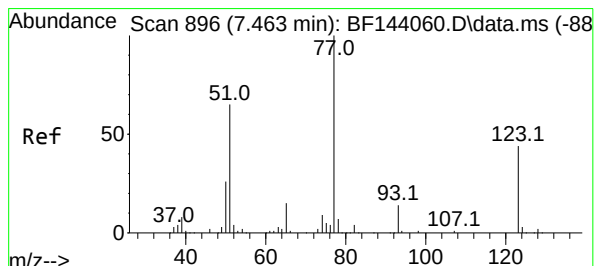
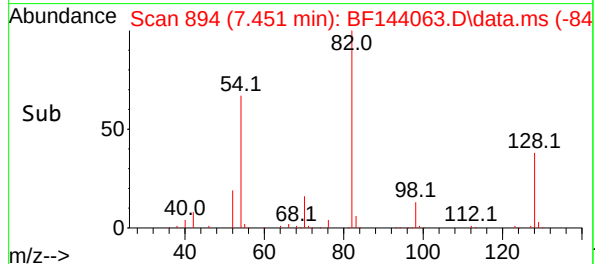
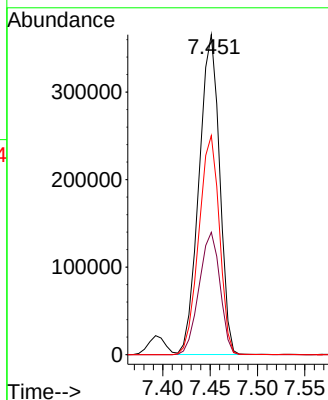
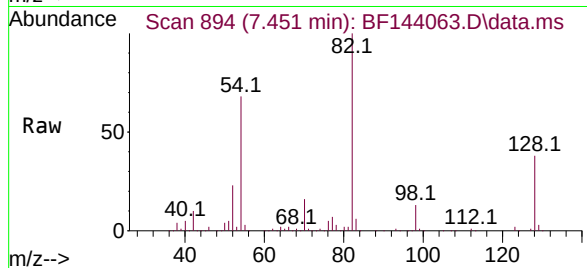




#23  
Nitrobenzene-d5  
Concen: 144.501 ng  
RT: 7.451 min Scan# 894  
Delta R.T. 0.012 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

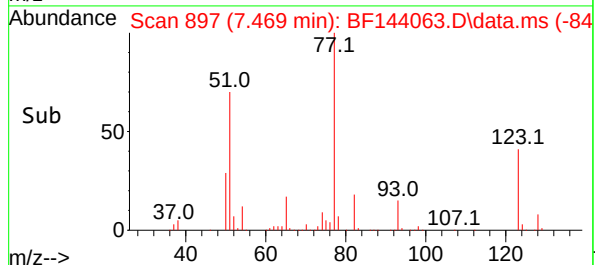
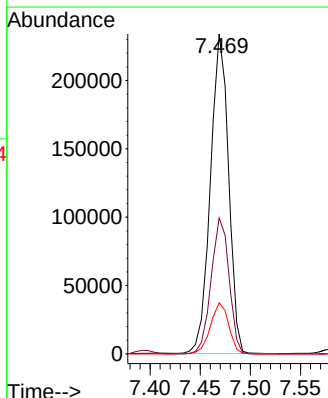
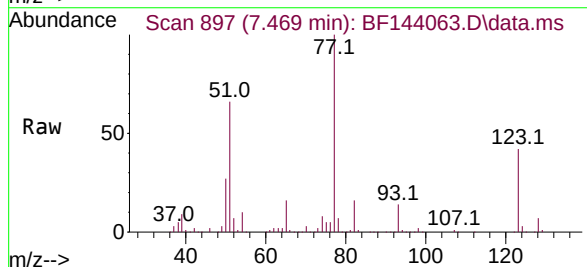
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

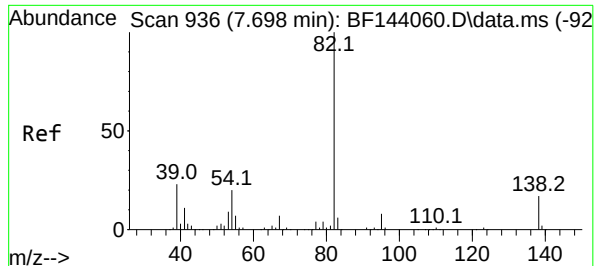
Tgt Ion: 82 Resp: 552167  
Ion Ratio Lower Upper  
82 100  
128 38.2 32.4 48.6  
54 68.4 54.0 81.0



#24  
Nitrobenzene  
Concen: 72.786 ng  
RT: 7.469 min Scan# 897  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 77 Resp: 294221  
Ion Ratio Lower Upper  
77 100  
123 42.5 35.0 52.6  
65 16.0 12.2 18.2

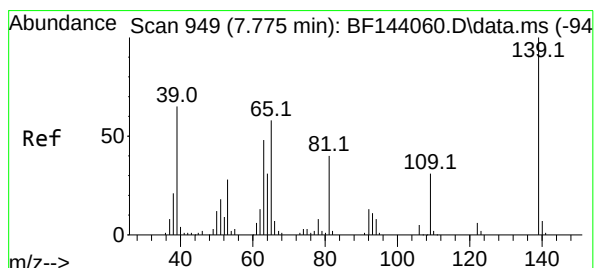
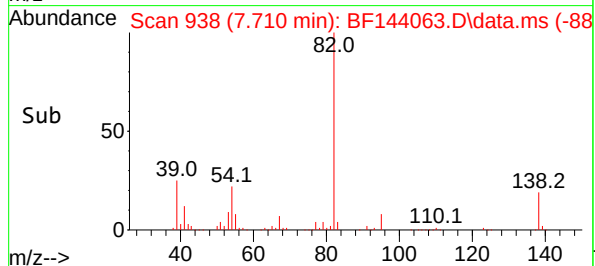
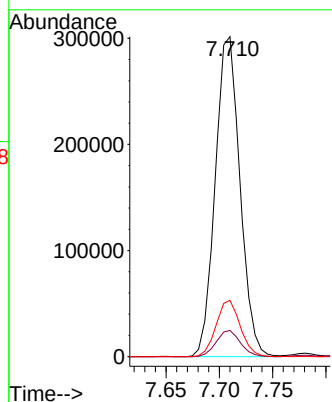
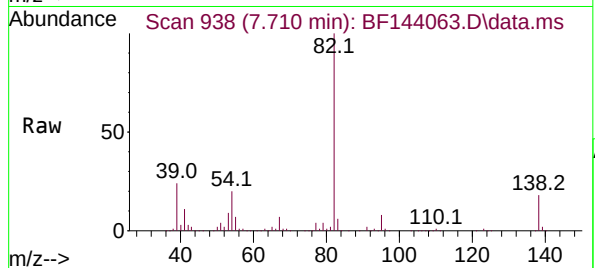




#25  
Isophorone  
Concen: 73.000 ng  
RT: 7.710 min Scan# 936  
Delta R.T. 0.012 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

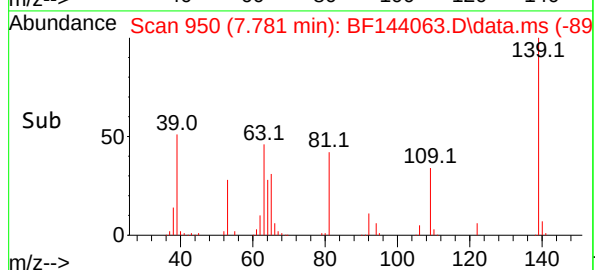
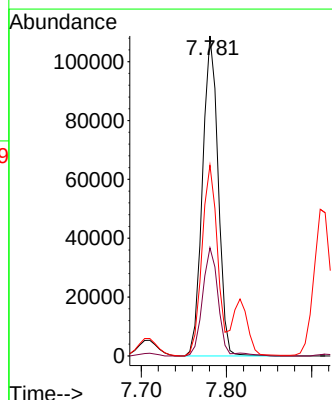
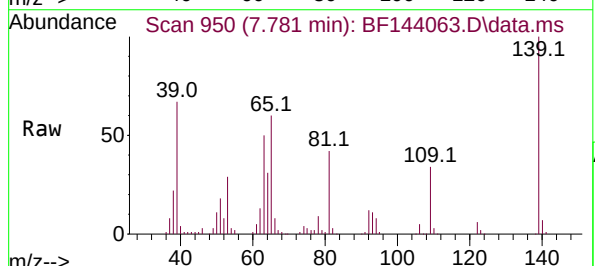
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

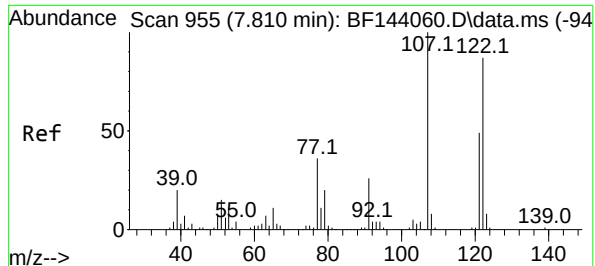
Tgt Ion: 82 Resp: 487685  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.6 9.8  
138 17.6 13.8 20.8



#26  
2-Nitrophenol  
Concen: 71.925 ng  
RT: 7.781 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 139 Resp: 138311  
Ion Ratio Lower Upper  
139 100  
109 33.8 24.6 37.0  
65 59.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 72.515 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

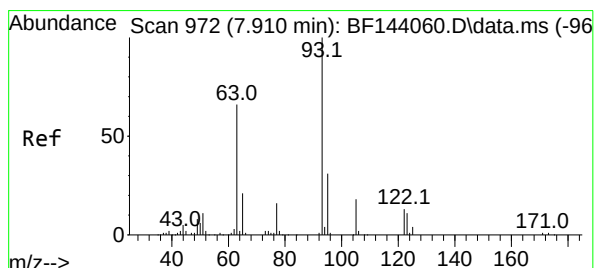
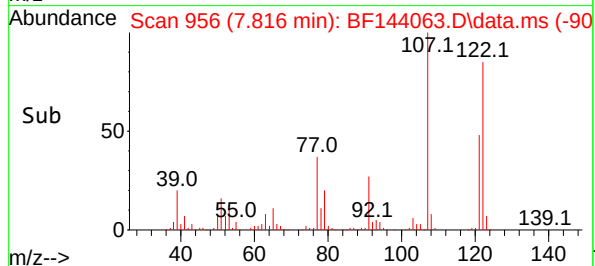
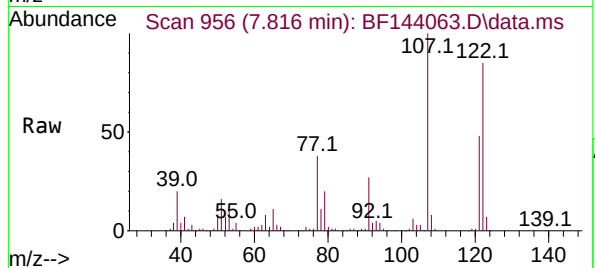
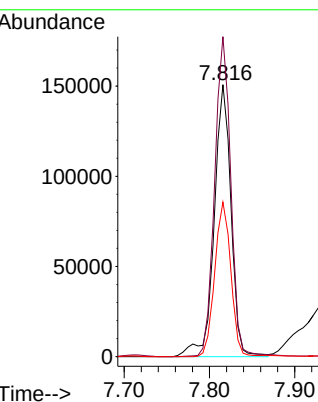
BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 207224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 117.7 | 91.8  | 137.8 |
| 121 | 56.8  | 45.2  | 67.8  |



#28

bis(2-Chloroethoxy)methane

Concen: 70.566 ng

RT: 7.910 min Scan# 972

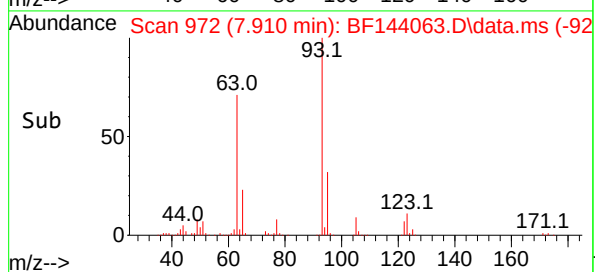
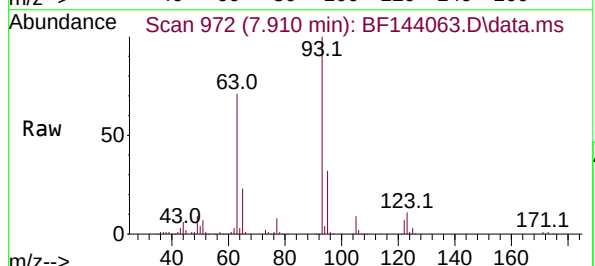
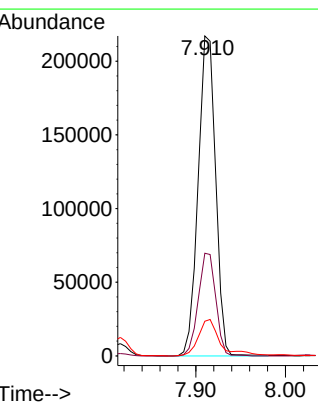
Delta R.T. -0.000 min

Lab File: BF144063.D

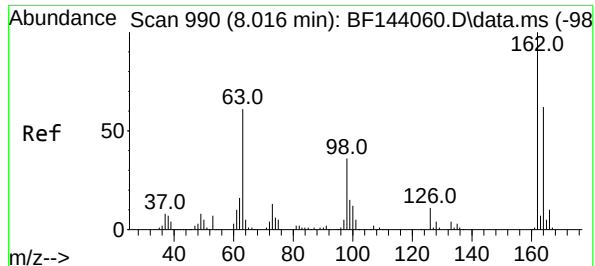
Acq: 24 Oct 2025 14:32

Tgt Ion: 93 Resp: 293996

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.1  | 24.6  | 36.8  |
| 123 | 10.8  | 9.1   | 13.7  |







#29

2,4-Dichlorophenol

Concen: 69.232 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

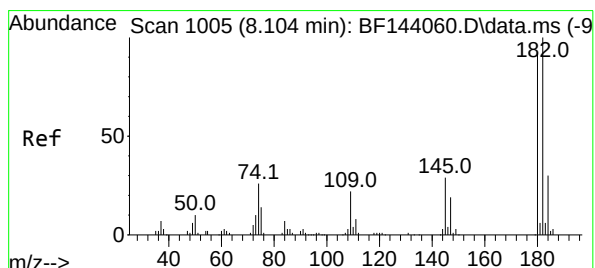
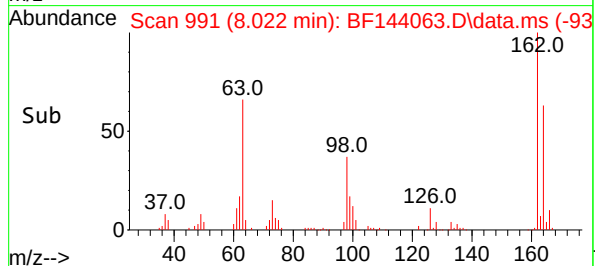
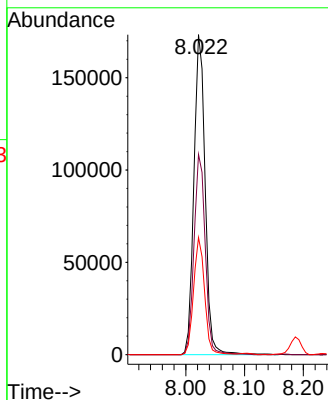
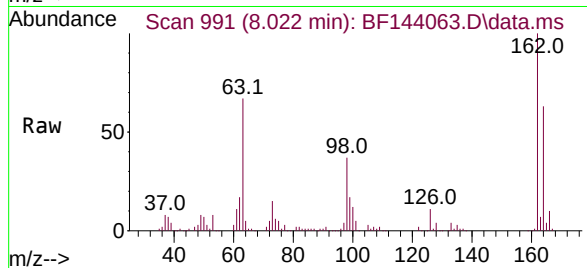
Tgt Ion:162 Resp: 230075

Ion Ratio Lower Upper

162 100

164 62.6 42.1 82.1

98 36.6 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 70.150 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

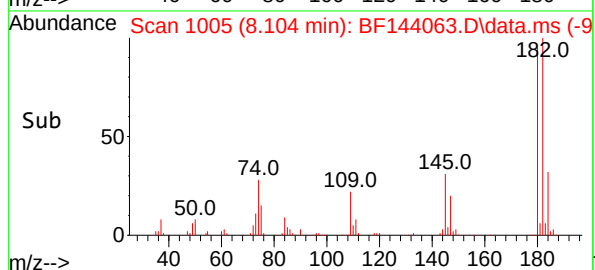
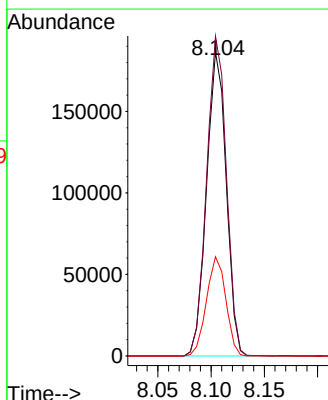
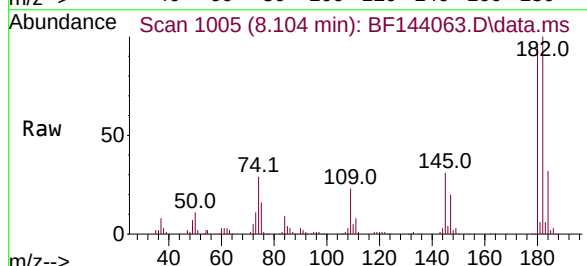
Tgt Ion:180 Resp: 239831

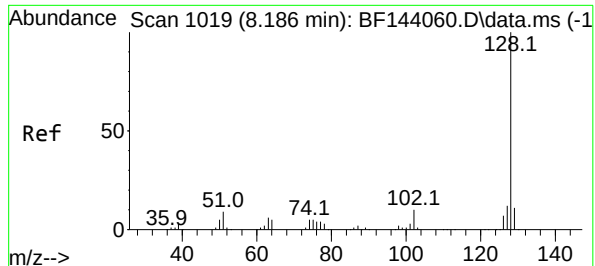
Ion Ratio Lower Upper

180 100

182 105.4 87.1 130.7

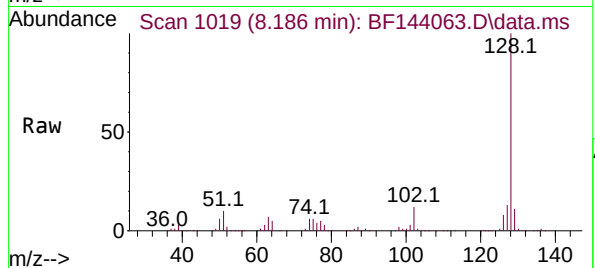
145 32.6 25.3 37.9



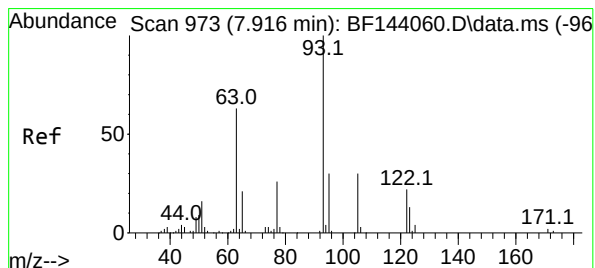
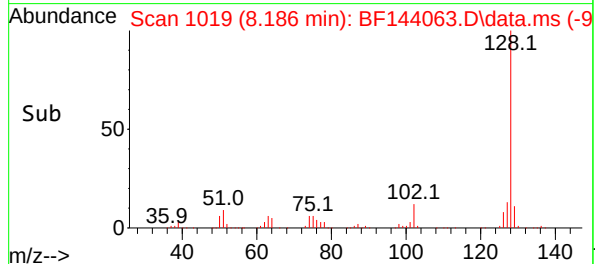
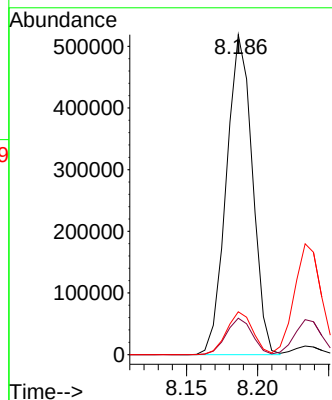


#31  
Naphthalene  
Concen: 66.812 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

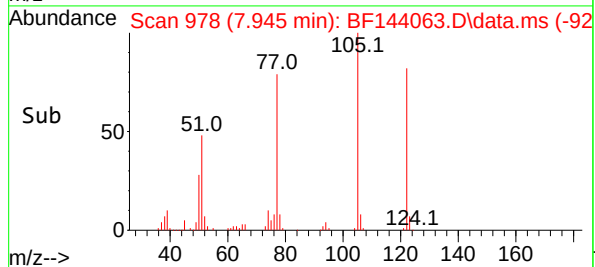
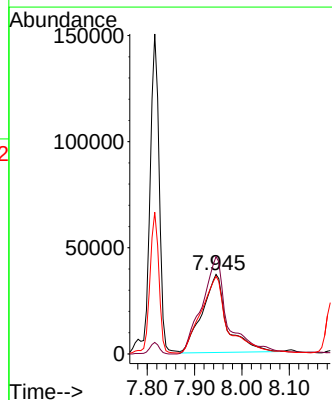
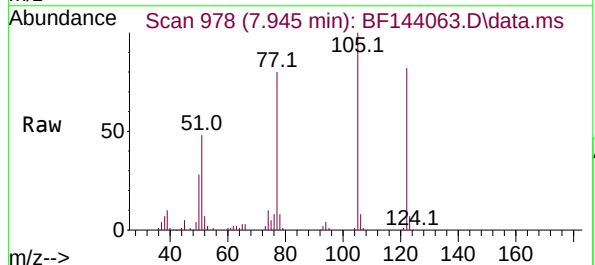


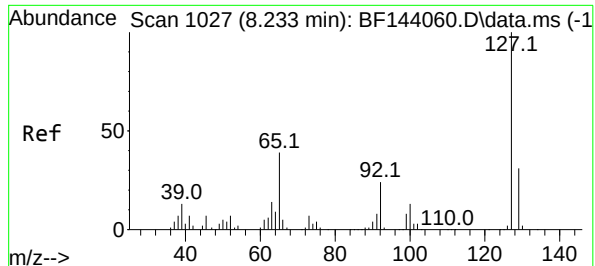
Tgt Ion:128 Resp: 660164  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.4 12.6  
127 13.4 9.9 14.9



#32  
Benzoic acid  
Concen: 74.766 ng  
RT: 7.945 min Scan# 978  
Delta R.T. 0.029 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:122 Resp: 135524  
Ion Ratio Lower Upper  
122 100  
105 122.4 111.3 151.3  
77 97.7 96.7 136.7





#33

4-Chloroaniline

Concen: 69.535 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 239182

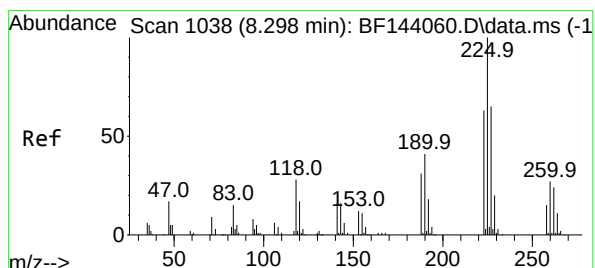
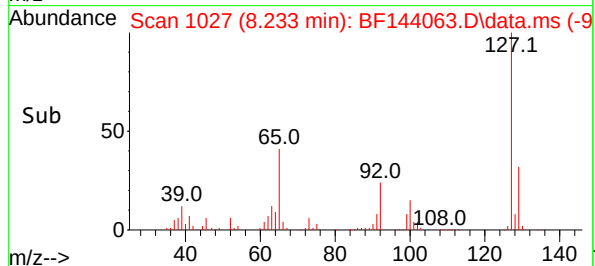
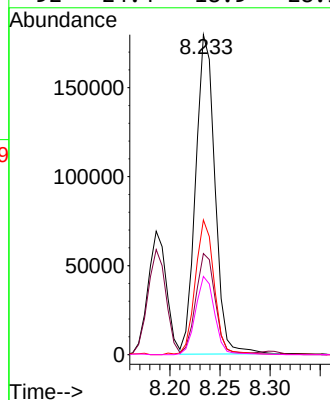
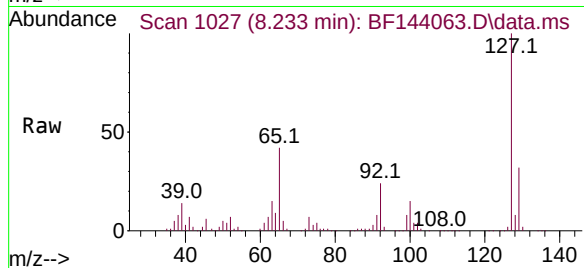
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 42.1 30.9 46.3

92 24.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 70.141 ng

RT: 8.304 min Scan# 1039

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

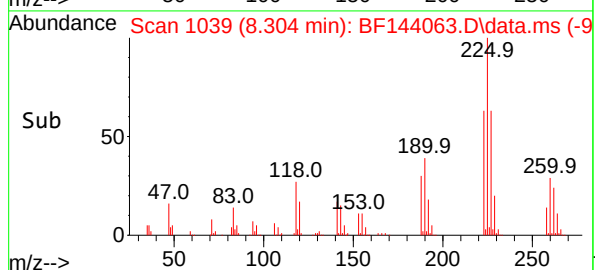
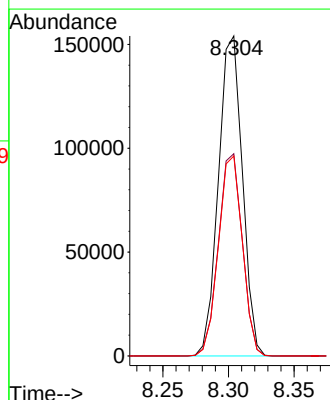
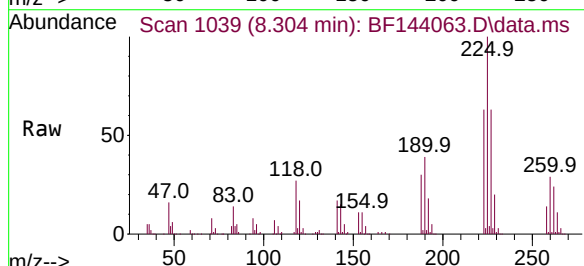
Tgt Ion:225 Resp: 196083

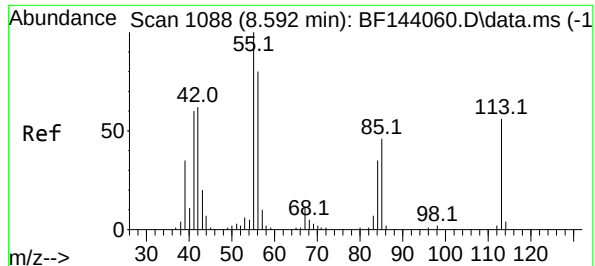
Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 62.5 51.8 77.8

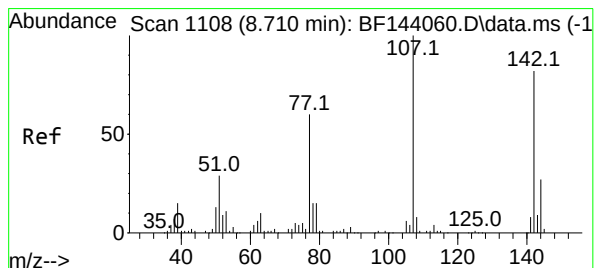
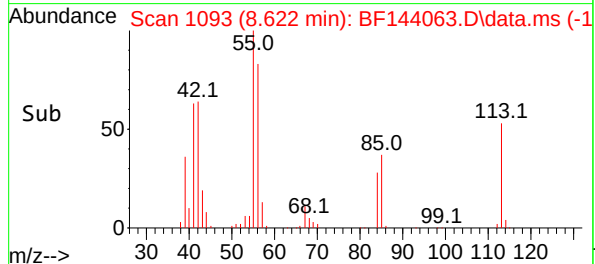
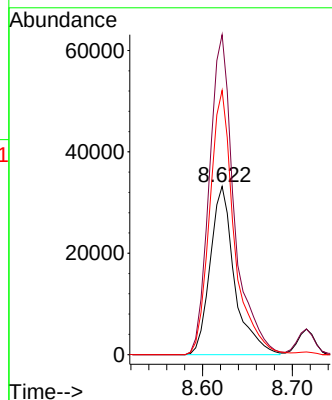
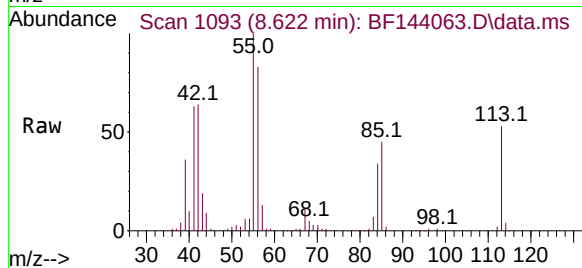




#35  
Caprolactam  
Concen: 75.462 ng  
RT: 8.622 min Scan# 1088  
Delta R.T. 0.029 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

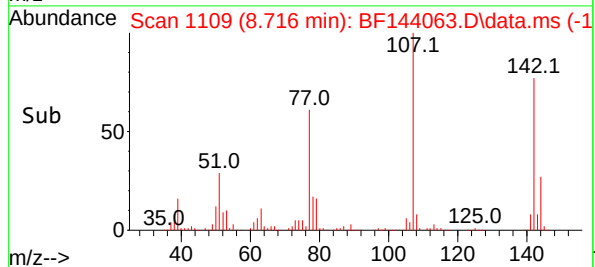
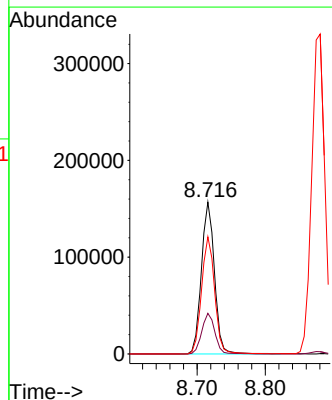
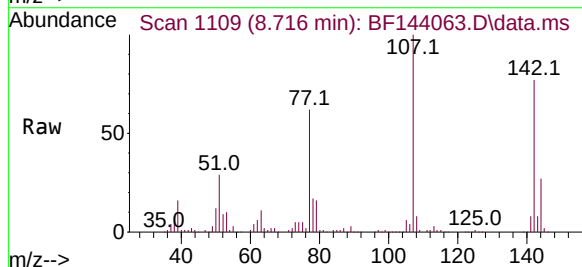
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

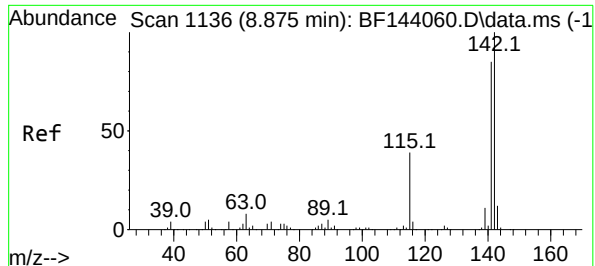
Tgt Ion:113 Resp: 62887  
Ion Ratio Lower Upper  
113 100  
55 190.2 160.1 200.1  
56 157.0 124.9 164.9



#36  
4-Chloro-3-methylphenol  
Concen: 71.352 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:107 Resp: 209253  
Ion Ratio Lower Upper  
107 100  
144 26.7 21.6 32.4  
142 77.1 65.4 98.0





#37

2-Methylnaphthalene

Concen: 67.385 ng

RT: 8.880 min Scan# 1136

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

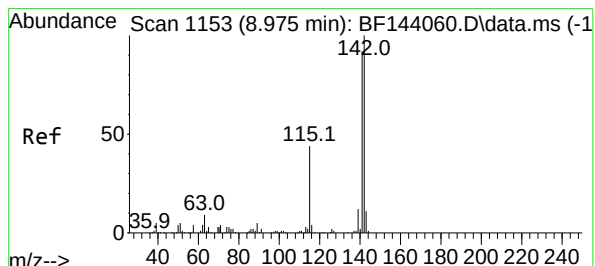
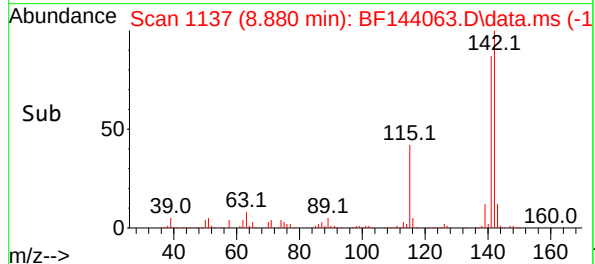
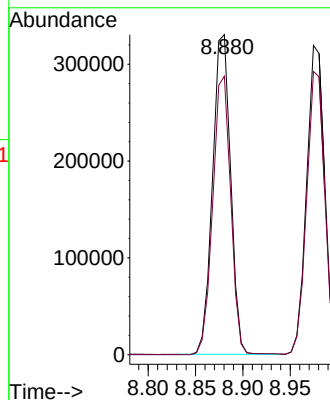
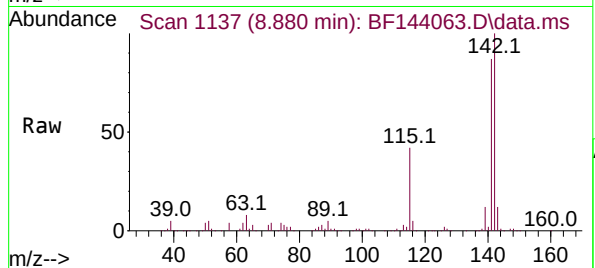
SSTDICC080

Tgt Ion:142 Resp: 438984

Ion Ratio Lower Upper

142 100

141 87.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 67.761 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144063.D

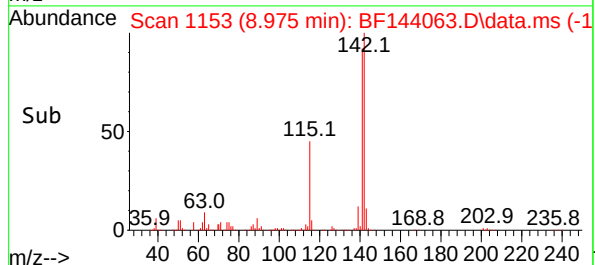
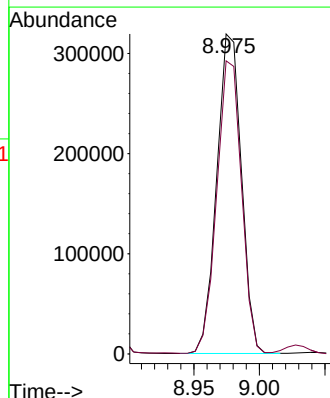
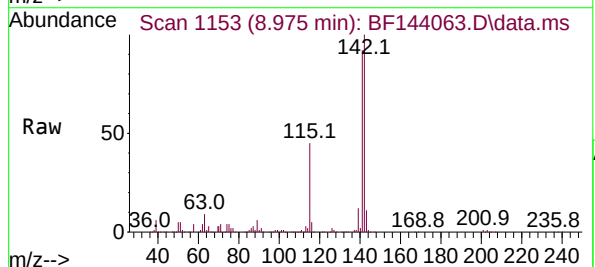
Acq: 24 Oct 2025 14:32

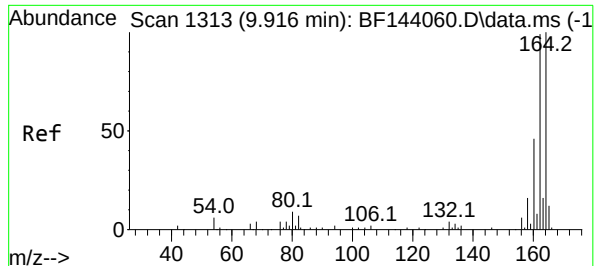
Tgt Ion:142 Resp: 418223

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

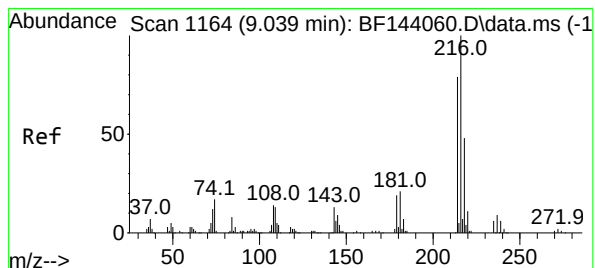
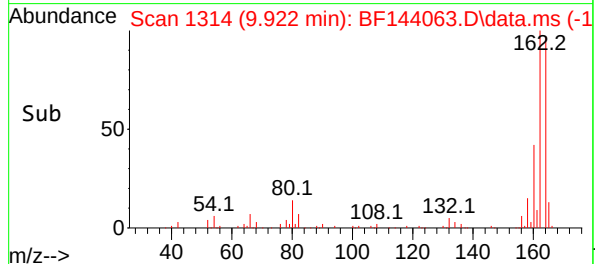
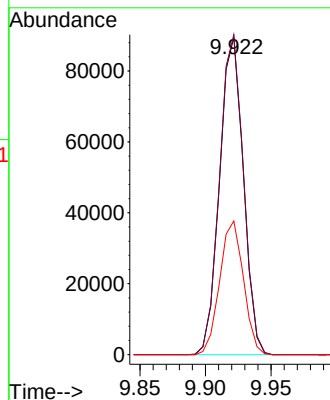
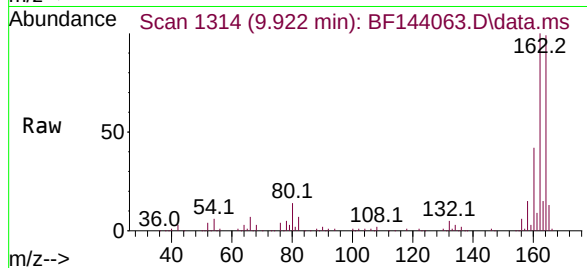
Tgt Ion:164 Resp: 112793

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 42.2 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 67.873 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:216 Resp: 263109

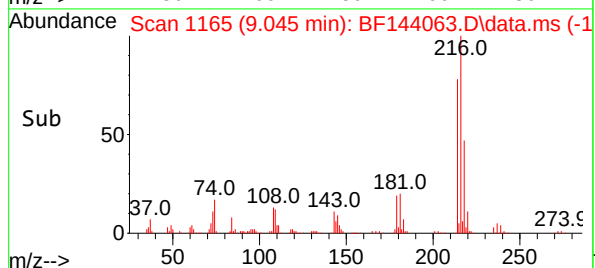
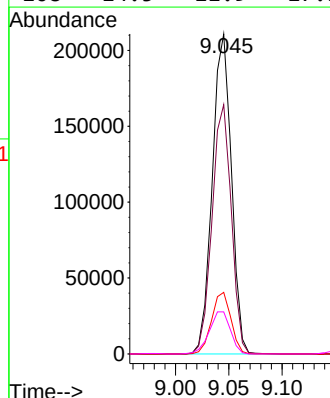
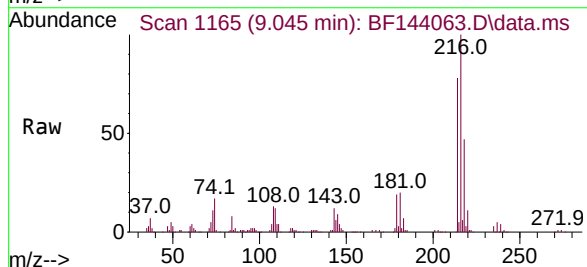
Ion Ratio Lower Upper

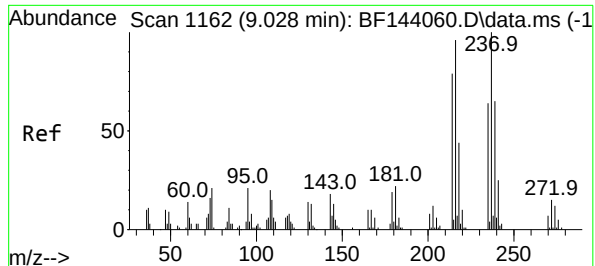
216 100

214 78.5 63.2 94.8

179 19.4 15.2 22.8

108 14.5 11.9 17.9

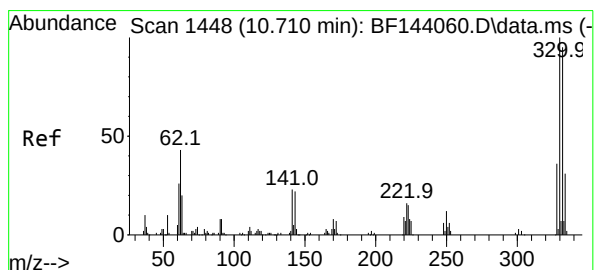
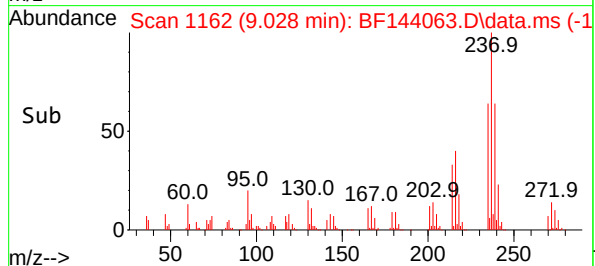
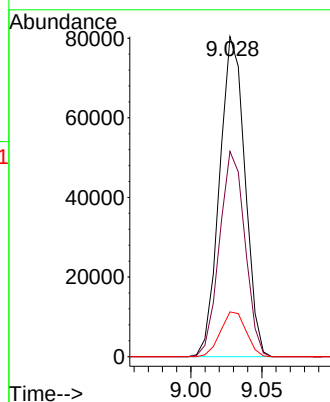
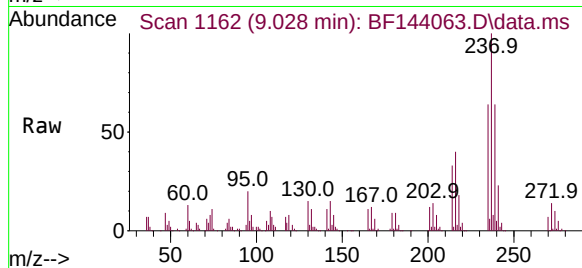




#41  
Hexachlorocyclopentadiene  
Concen: 83.468 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

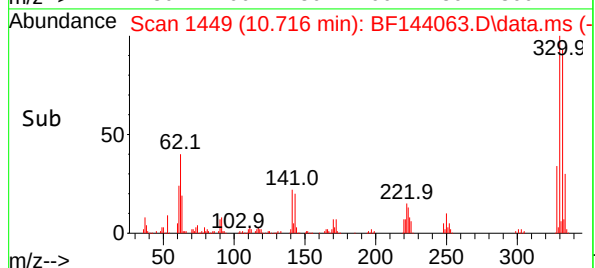
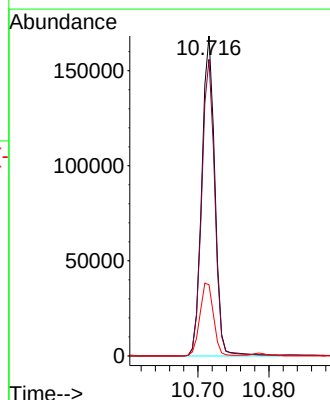
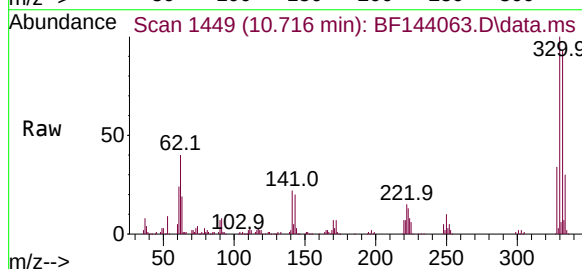
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

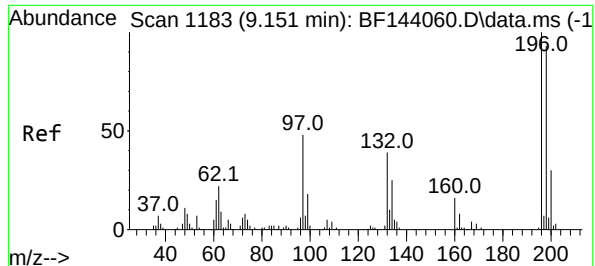
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.1  | 44.3  | 84.3  |
| 272     | 14.0  | 0.0   | 35.2  |



#42  
2,4,6-Tribromophenol  
Concen: 148.116 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 93.0  | 77.0  | 115.6 |
| 141     | 23.8  | 19.4  | 29.0  |





#43

2,4,6-Trichlorophenol

Concen: 69.040 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

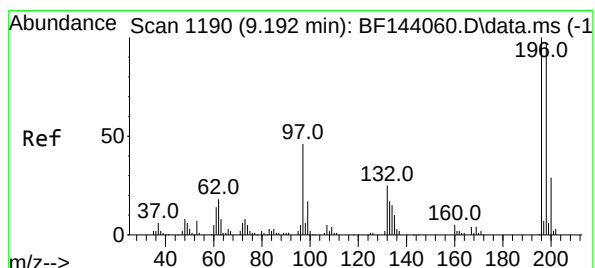
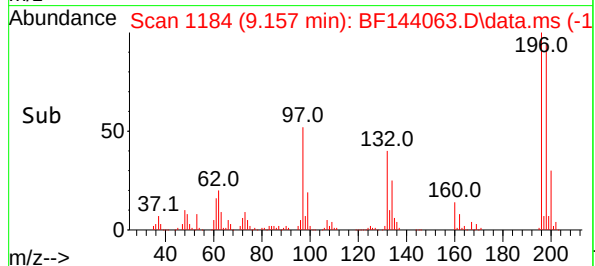
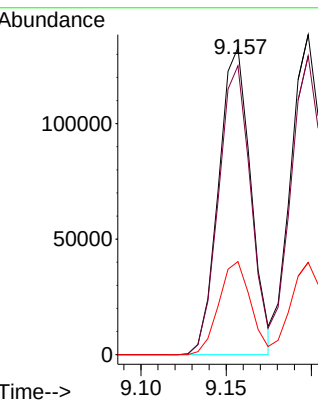
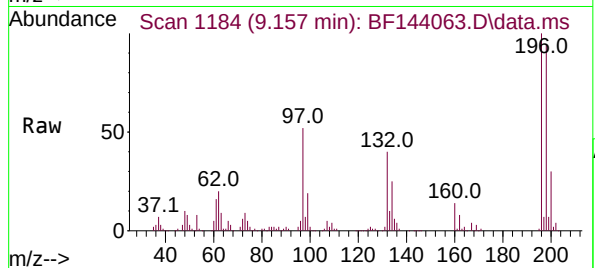
Tgt Ion:196 Resp: 173959

Ion Ratio Lower Upper

196 100

198 94.1 74.4 111.6

200 30.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 71.565 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:196 Resp: 189248

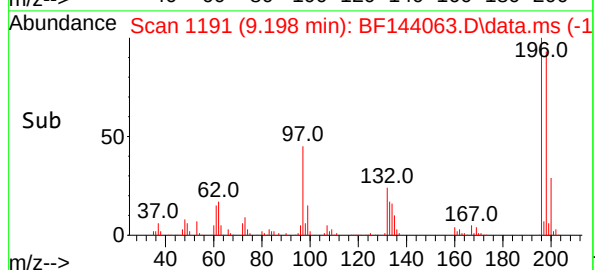
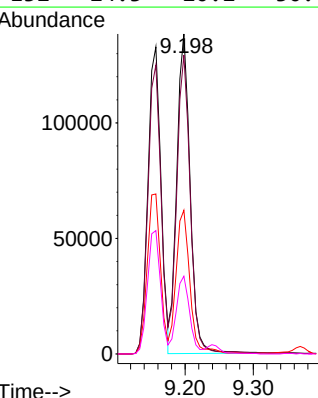
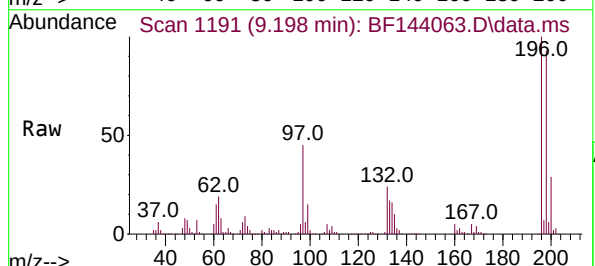
Ion Ratio Lower Upper

196 100

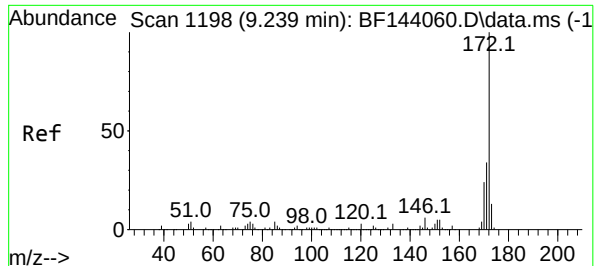
198 93.4 78.0 117.0

97 44.9 37.7 56.5

132 24.3 20.2 30.4



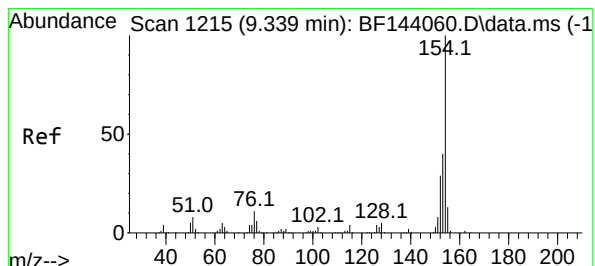
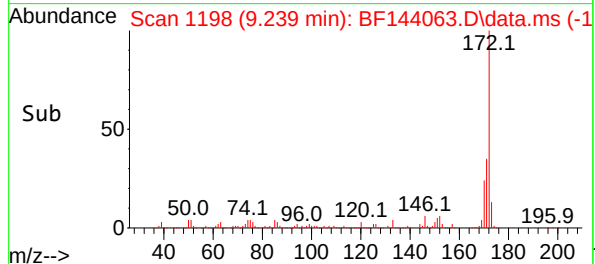
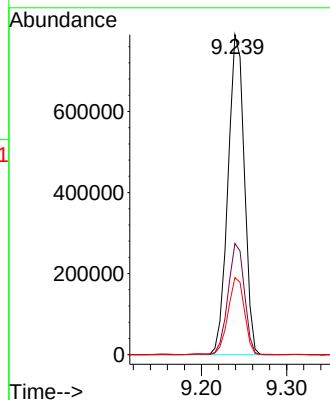
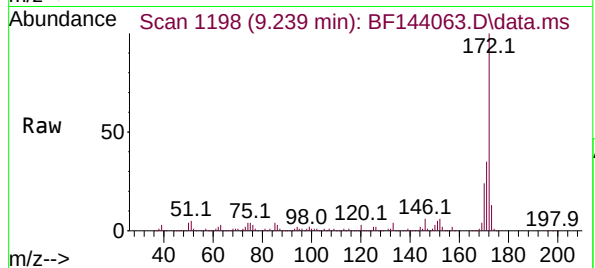




#45  
2-Fluorobiphenyl  
Concen: 131.050 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

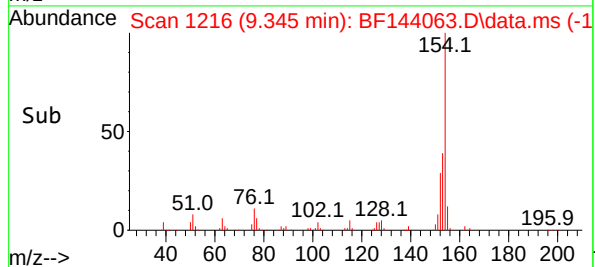
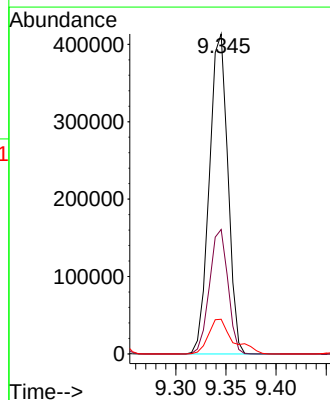
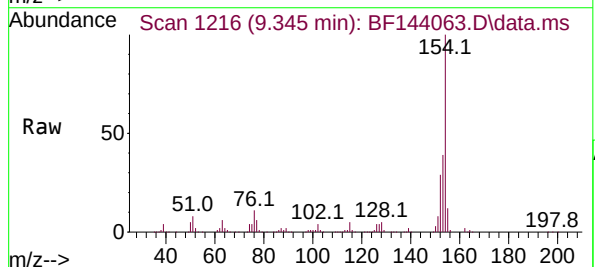
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

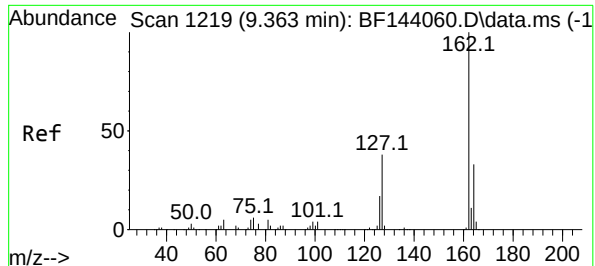
Tgt Ion:172 Resp: 1050410  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.5 41.3  
170 24.1 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 65.690 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:154 Resp: 530392  
Ion Ratio Lower Upper  
154 100  
153 38.9 19.7 59.7  
76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 65.979 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

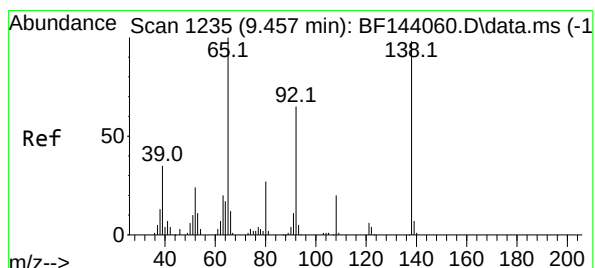
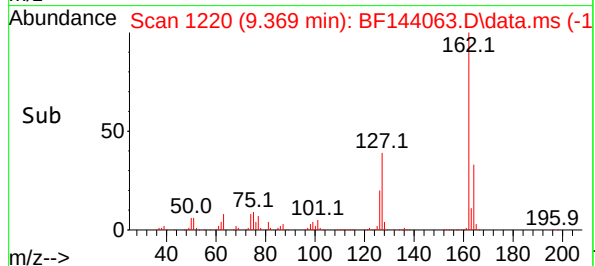
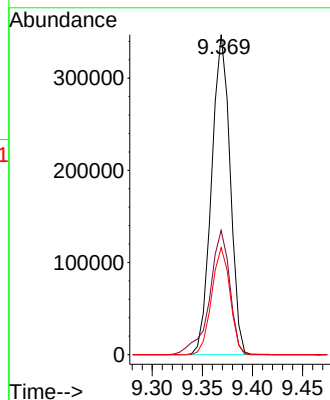
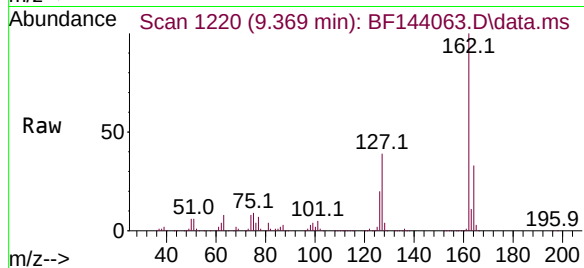
Tgt Ion:162 Resp: 446307

Ion Ratio Lower Upper

162 100

127 38.8 31.6 47.4

164 33.4 26.5 39.7



#48

2-Nitroaniline

Concen: 73.762 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

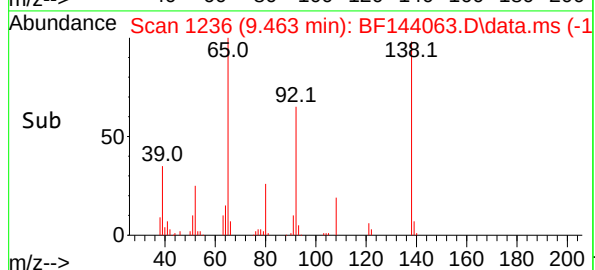
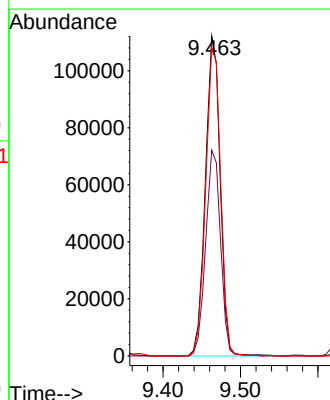
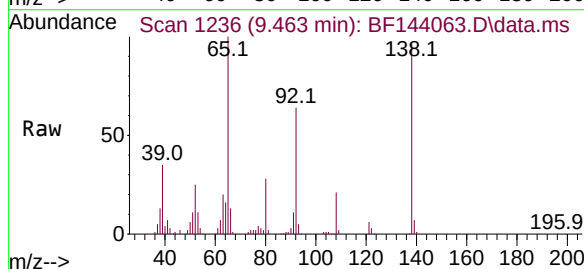
Tgt Ion: 65 Resp: 148164

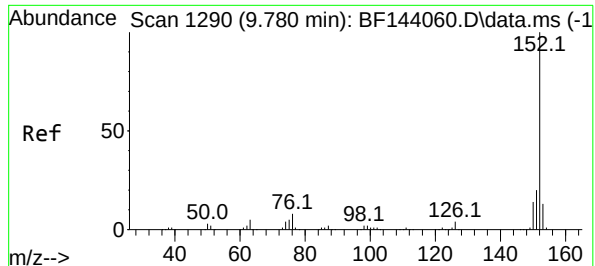
Ion Ratio Lower Upper

65 100

92 64.3 52.3 78.5

138 96.5 78.3 117.5





#49

Acenaphthylene

Concen: 66.126 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144063.D

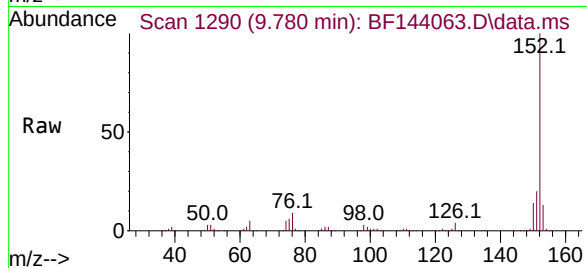
Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



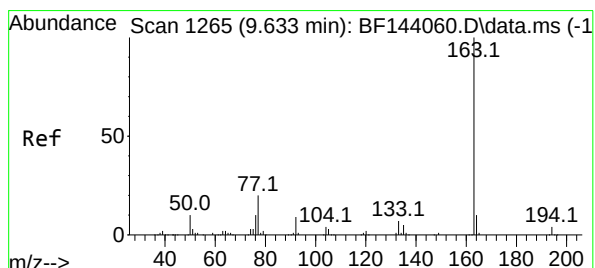
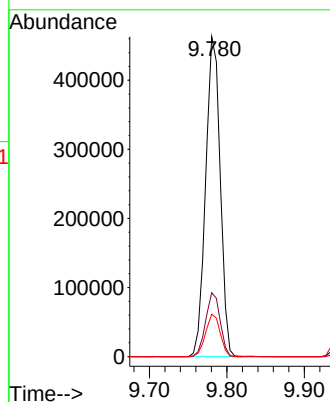
Tgt Ion:152 Resp: 603127

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

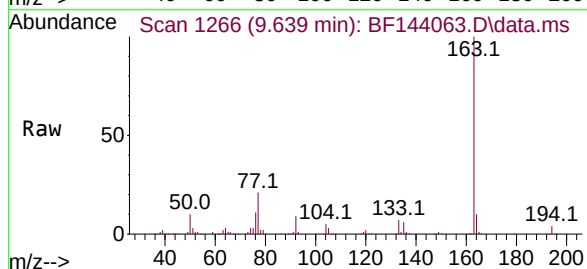
Concen: 69.954 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32



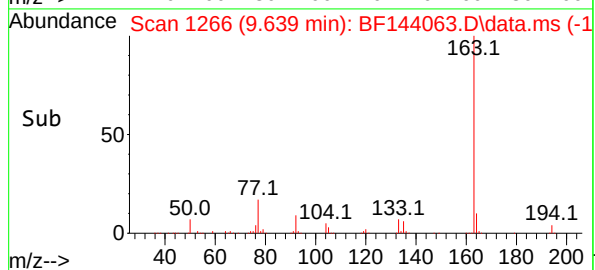
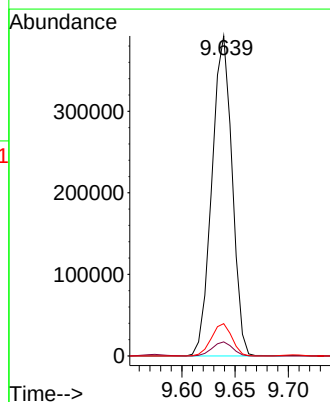
Tgt Ion:163 Resp: 517194

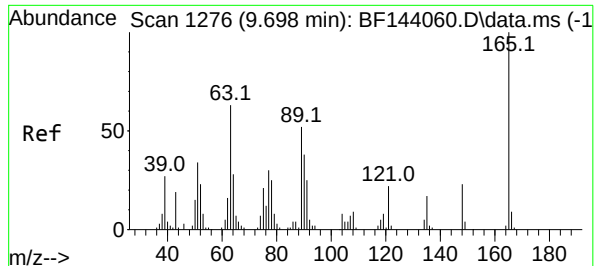
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.1 7.8 11.8

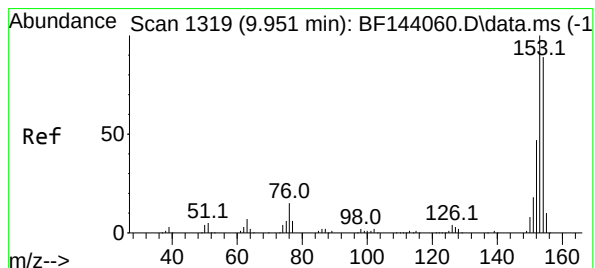
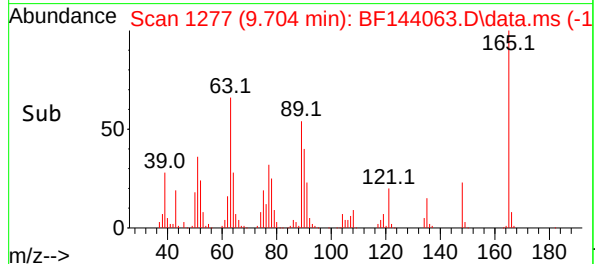
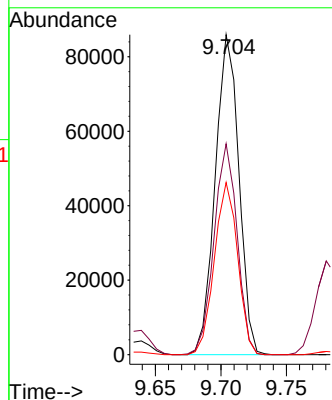
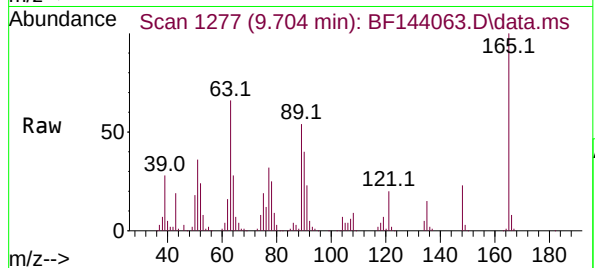




#51  
2,6-Dinitrotoluene  
Concen: 73.947 ng  
RT: 9.704 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

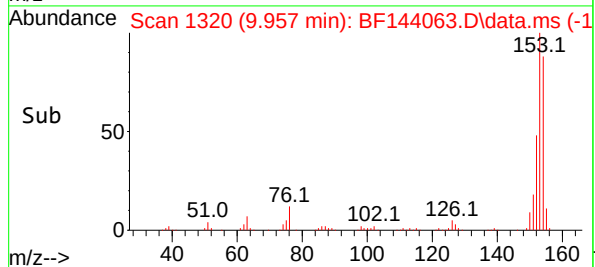
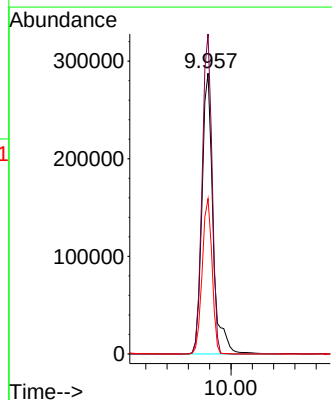
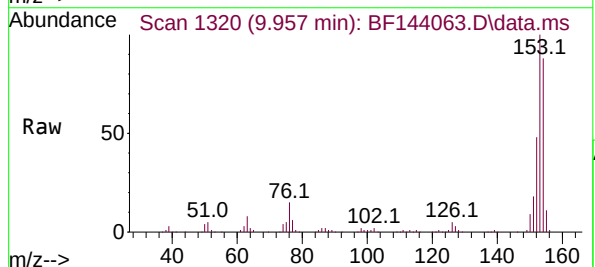
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

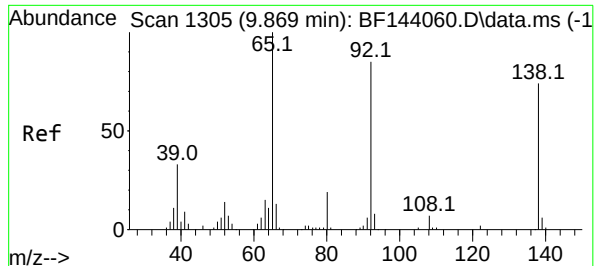
Tgt Ion:165 Resp: 108081  
Ion Ratio Lower Upper  
165 100  
63 65.9 50.4 75.6  
89 53.8 41.4 62.2



#52  
Acenaphthene  
Concen: 67.707 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:154 Resp: 412422  
Ion Ratio Lower Upper  
154 100  
153 114.0 89.9 134.9  
152 55.3 42.0 63.0





#53

3-Nitroaniline

Concen: 69.421 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

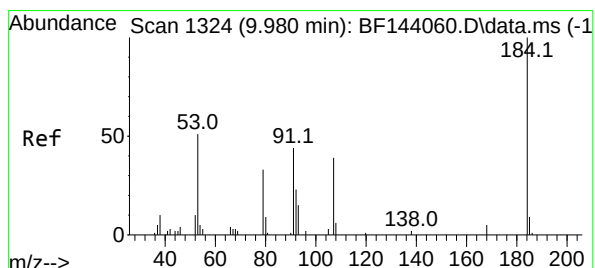
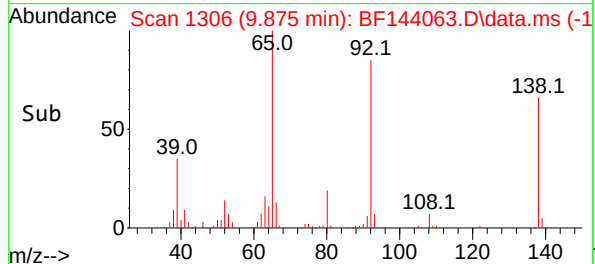
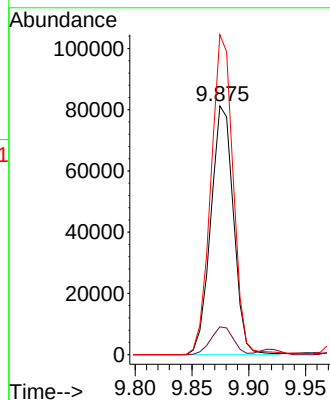
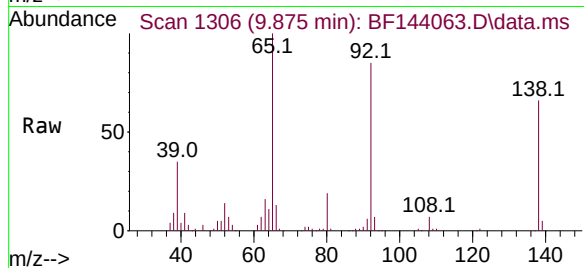
Tgt Ion:138 Resp: 112811

Ion Ratio Lower Upper

138 100

108 11.2 7.9 11.9

92 128.6 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 79.646 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

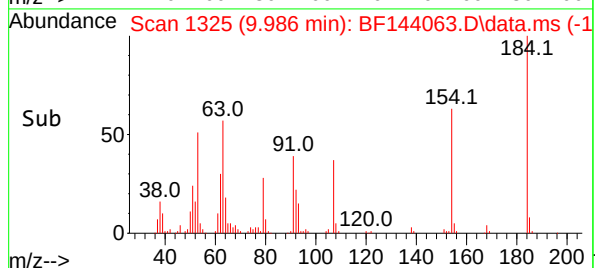
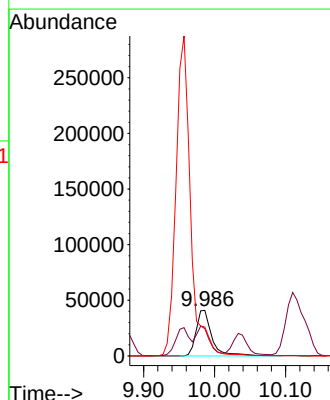
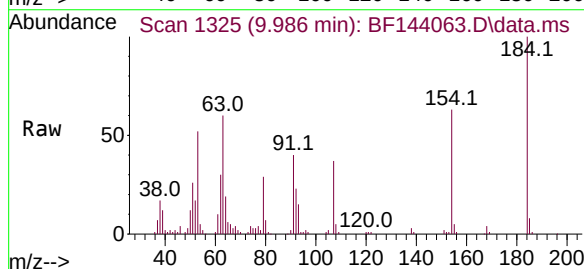
Tgt Ion:184 Resp: 62962

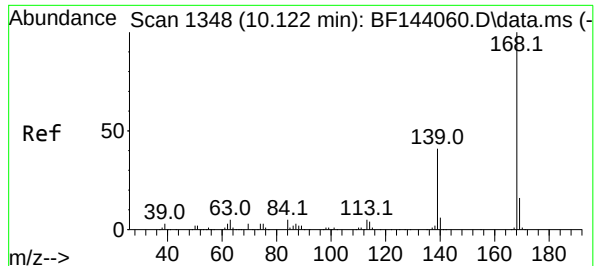
Ion Ratio Lower Upper

184 100

63 59.8 52.1 78.1

154 63.3 47.9 71.9





#55

Dibenzenofuran

Concen: 66.253 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

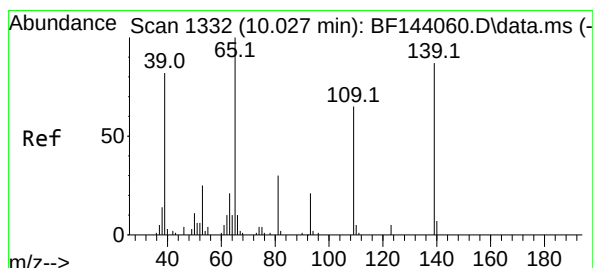
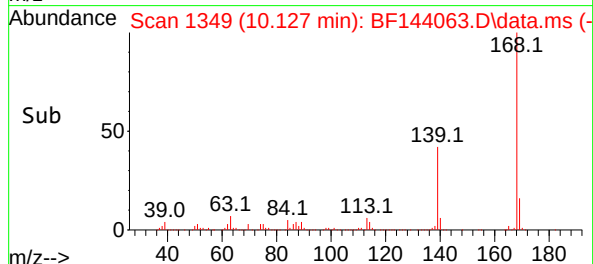
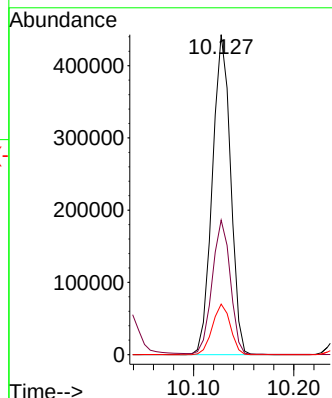
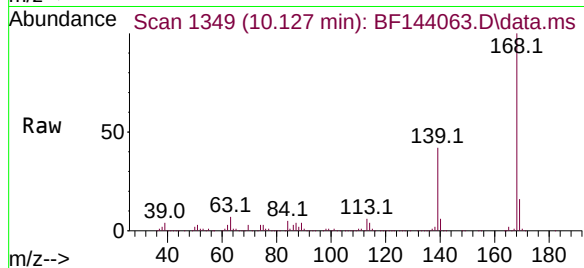
Tgt Ion:168 Resp: 560264

Ion Ratio Lower Upper

168 100

139 42.0 33.2 49.8

169 15.8 12.6 19.0



#56

4-Nitrophenol

Concen: 75.509 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

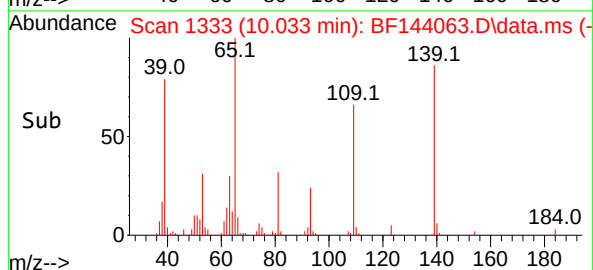
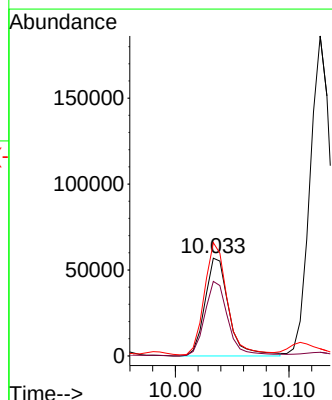
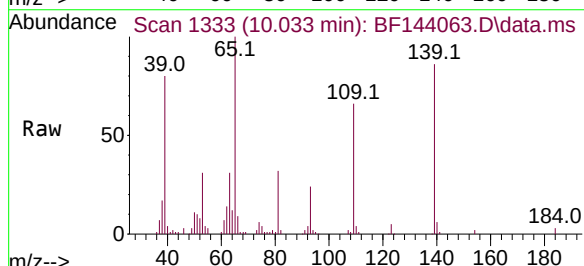
Tgt Ion:139 Resp: 83091

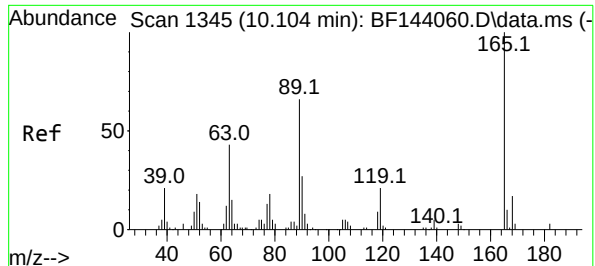
Ion Ratio Lower Upper

139 100

109 76.3 53.8 93.8

65 115.9 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 73.844 ng

RT: 10.110 min Scan# 1345

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 145667

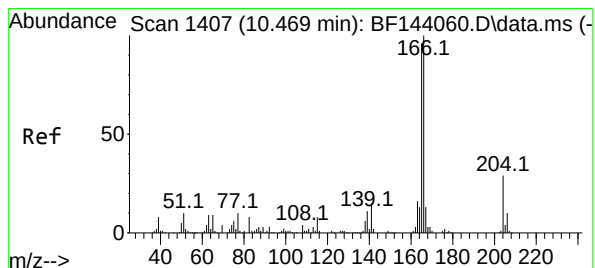
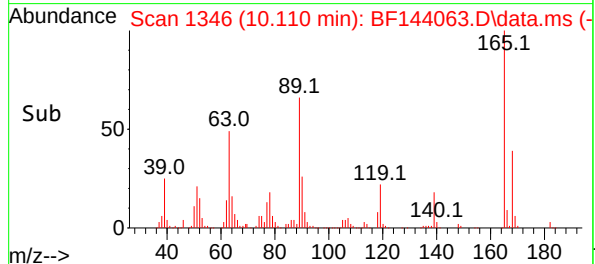
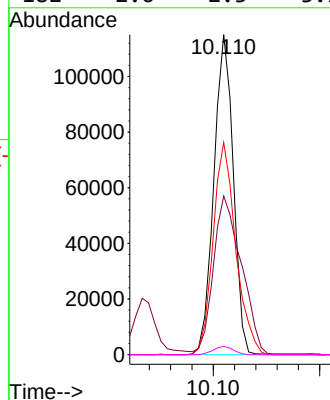
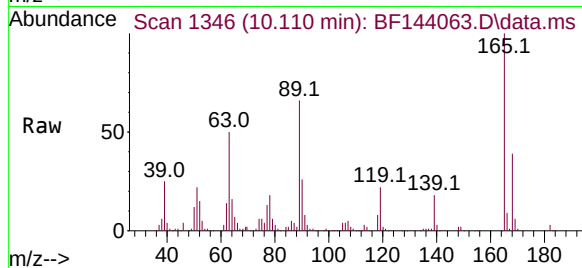
Ion Ratio Lower Upper

165 100

63 49.6 35.4 53.2

89 66.3 52.7 79.1

182 2.6 2.3 3.5



#58

Fluorene

Concen: 66.175 ng

RT: 10.474 min Scan# 1408

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

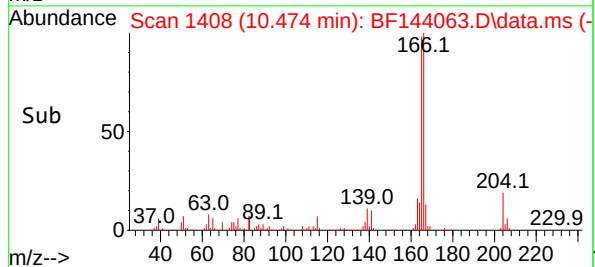
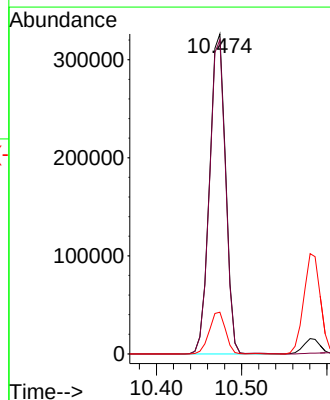
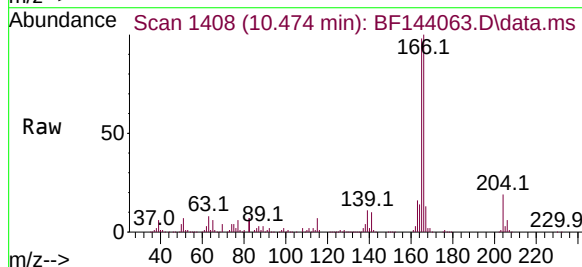
Tgt Ion:166 Resp: 426390

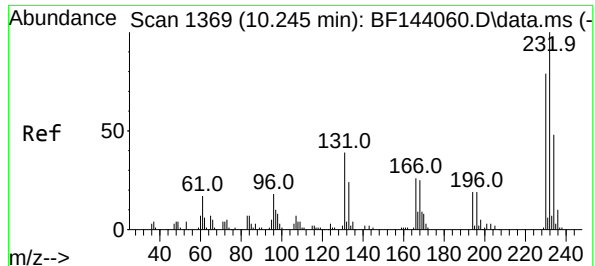
Ion Ratio Lower Upper

166 100

165 98.2 77.0 115.4

167 13.0 10.2 15.4

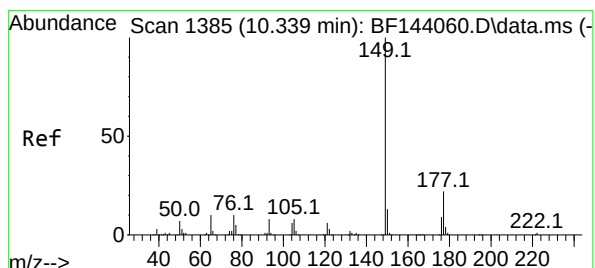
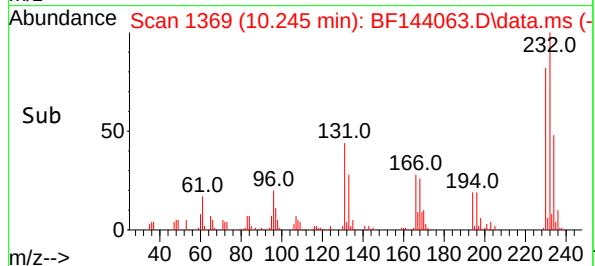
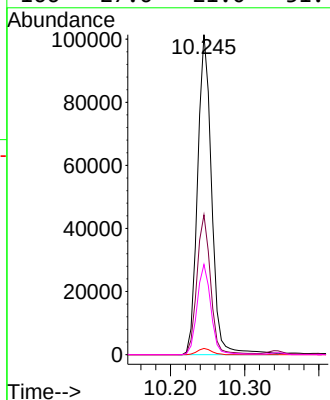
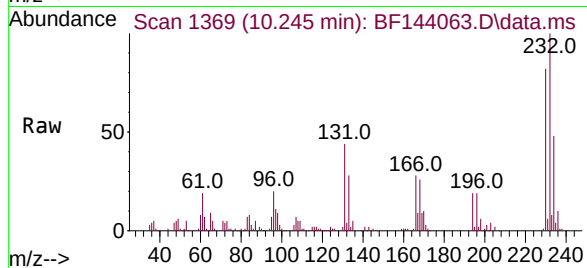




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 71.865 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

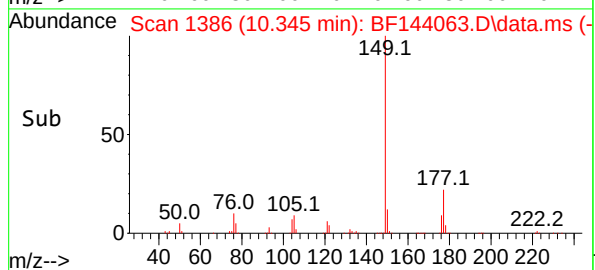
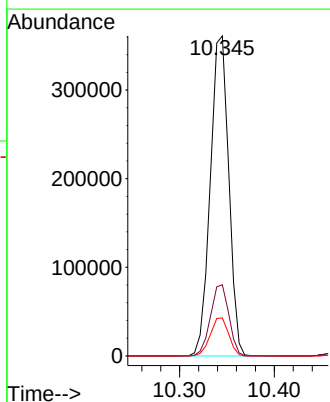
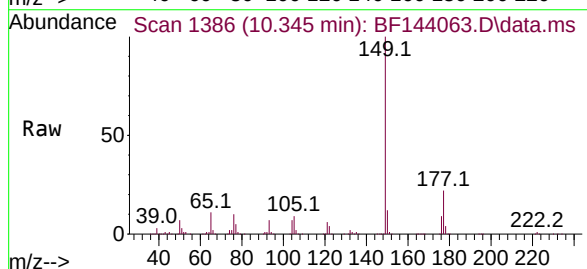
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:232 Resp: 133917  
Ion Ratio Lower Upper  
232 100  
131 42.4 31.9 47.9  
130 1.9 1.1 1.7#  
166 27.6 21.0 31.4

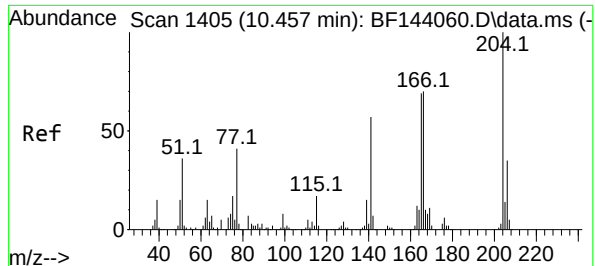


#60  
Diethylphthalate  
Concen: 70.274 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:149 Resp: 488605  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.8 26.6  
150 11.9 10.1 15.1



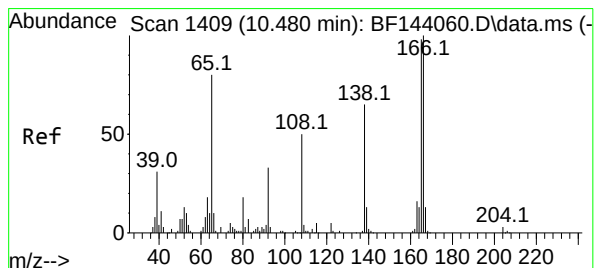
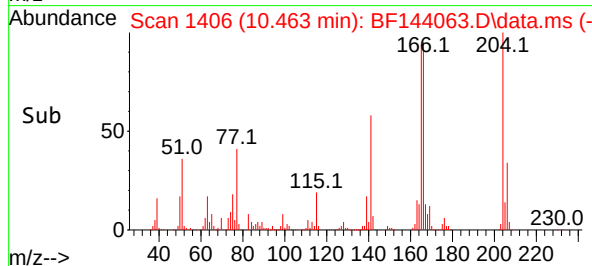
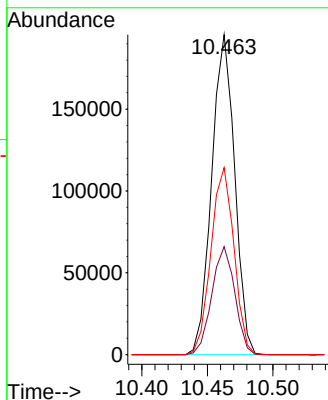
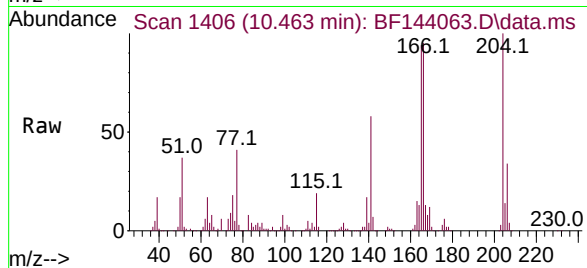




#61  
4-Chlorophenyl-phenylether  
Concen: 65.871 ng  
RT: 10.463 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

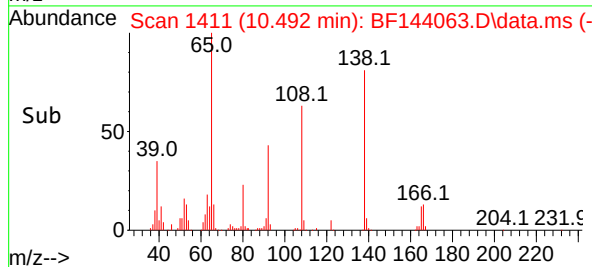
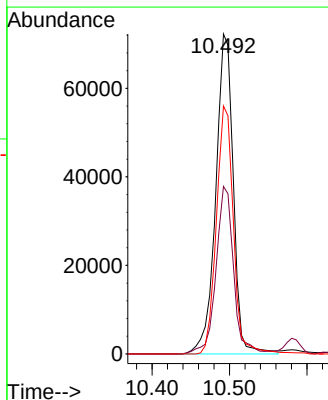
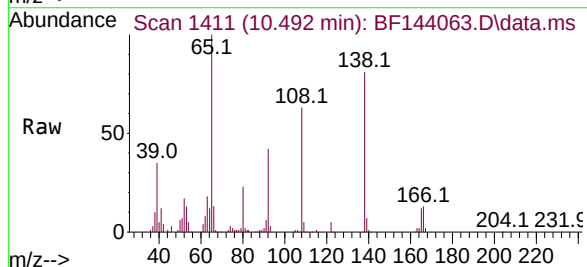
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

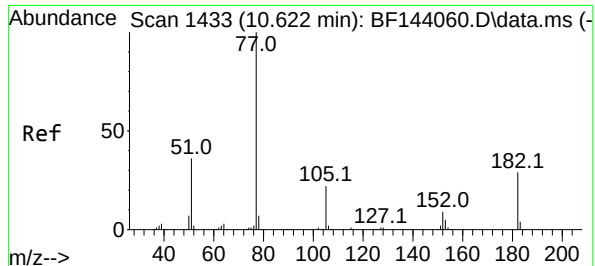
Tgt Ion:204 Resp: 238684  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.8 41.6  
141 58.4 45.4 68.2



#62  
4-Nitroaniline  
Concen: 73.997 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. 0.012 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:138 Resp: 113935  
Ion Ratio Lower Upper  
138 100  
92 52.3 30.5 70.5  
108 77.5 56.2 96.2

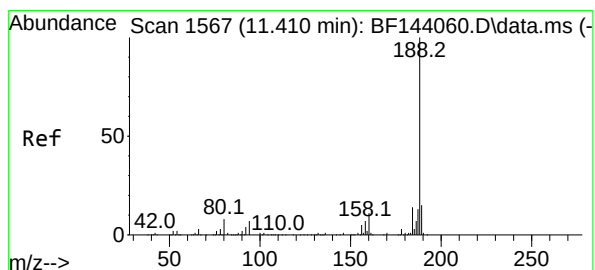
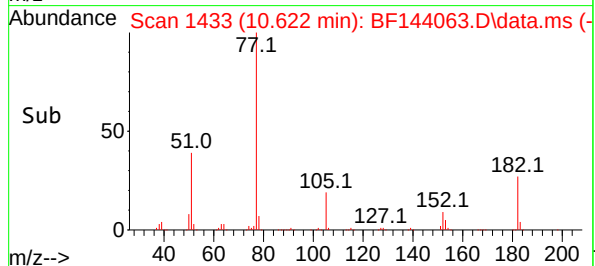
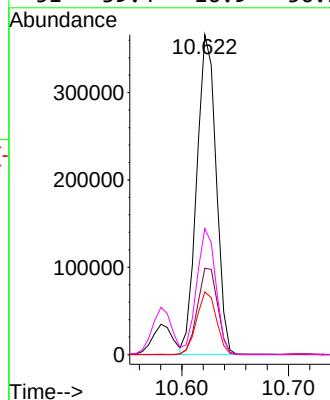
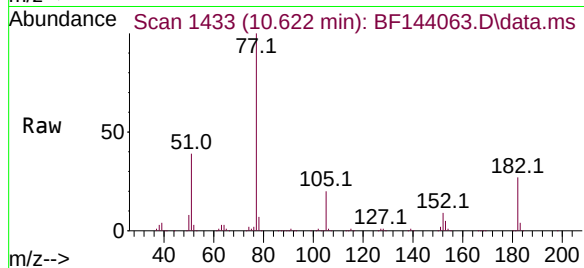




#63  
Azobenzene  
Concen: 69.934 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

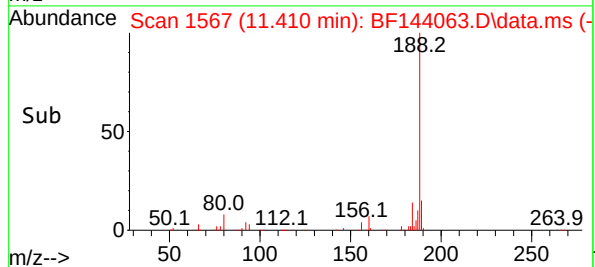
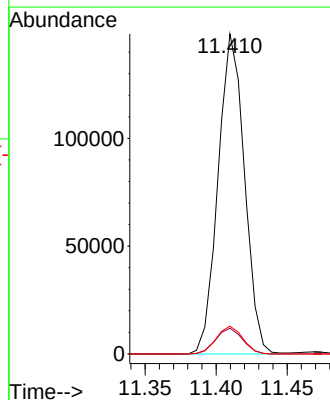
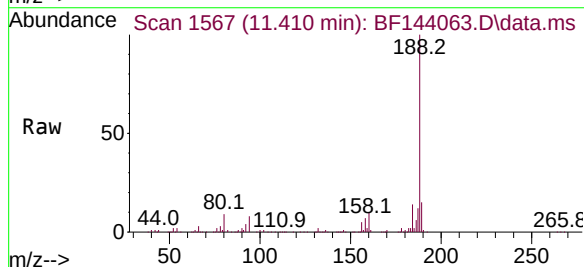
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

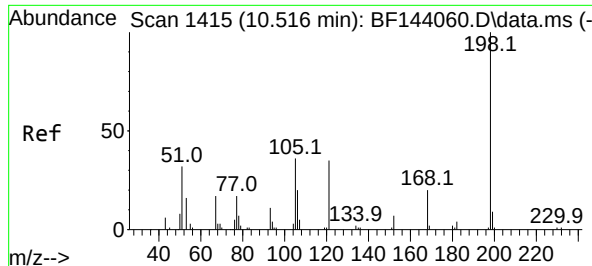
Tgt Ion: 77 Resp: 460222  
Ion Ratio Lower Upper  
77 100  
182 27.0 9.0 49.0  
105 19.6 1.4 41.4  
51 39.4 16.9 56.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion: 188 Resp: 191608  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.4 8.0  
80 8.7 6.0 9.0

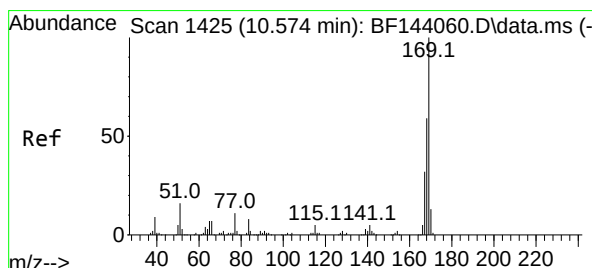
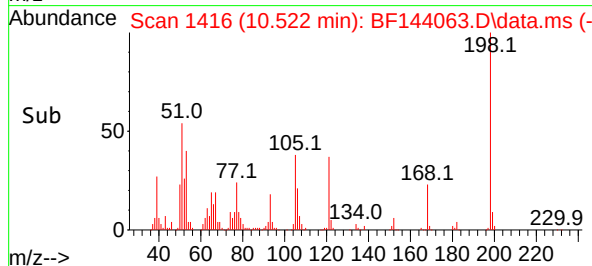
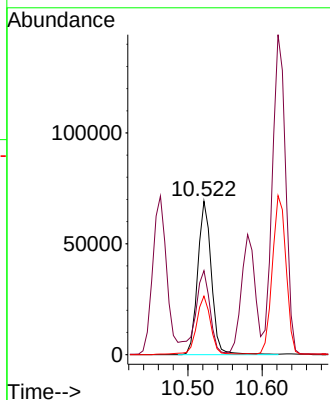
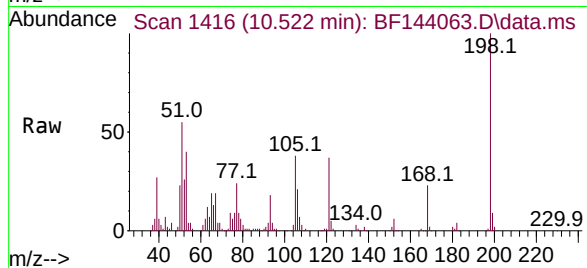




#65  
4,6-Dinitro-2-methylphenol  
Concen: 72.027 ng  
RT: 10.522 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

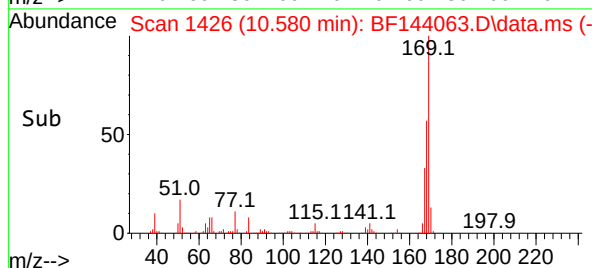
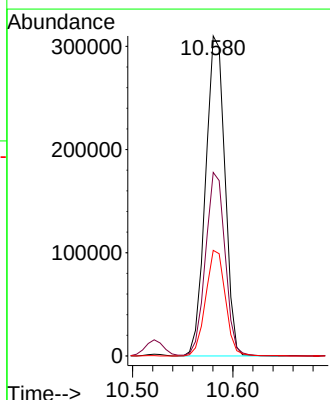
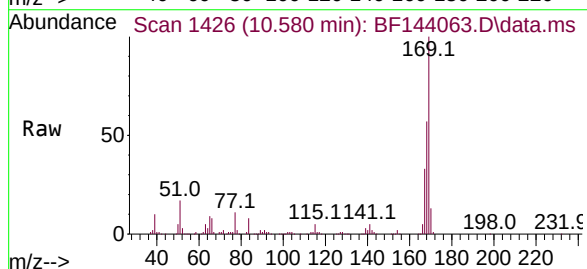
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

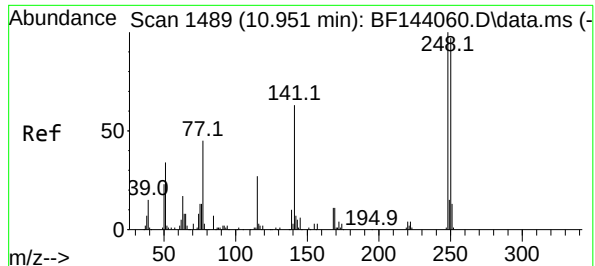
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 54.7  | 25.8  | 65.8  |
| 105     | 38.1  | 17.2  | 57.2  |



#66  
n-Nitrosodiphenylamine  
Concen: 67.908 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 57.3  | 47.4  | 71.2  |
| 167     | 33.0  | 25.5  | 38.3  |

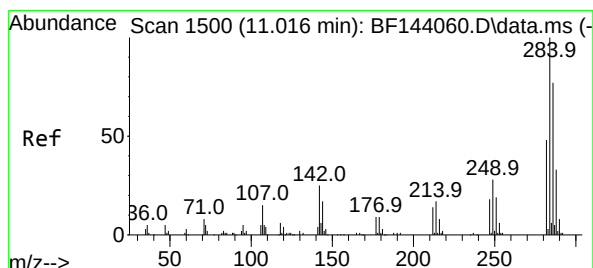
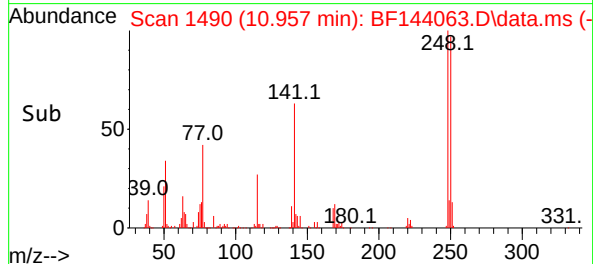
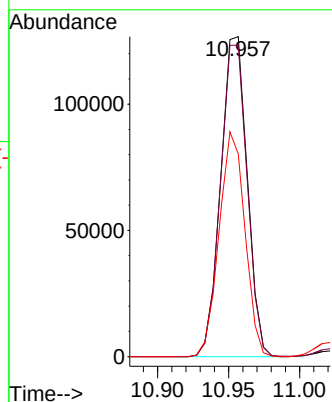
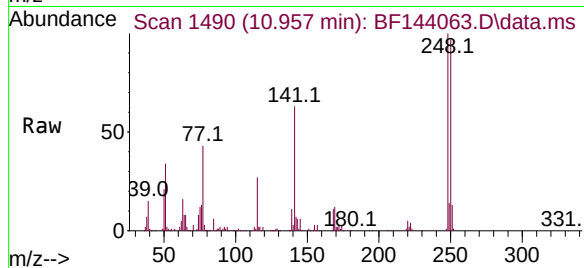




#67  
4-Bromophenyl-phenylether  
Concen: 68.643 ng  
RT: 10.957 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

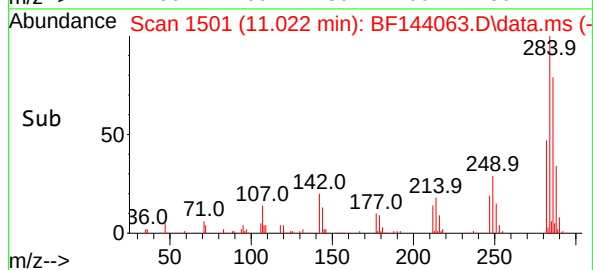
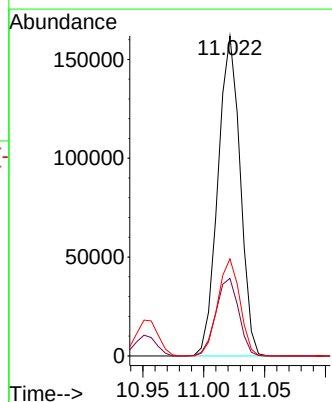
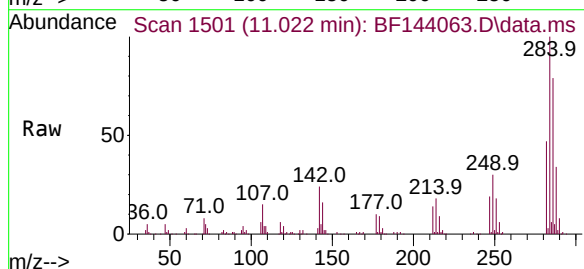
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

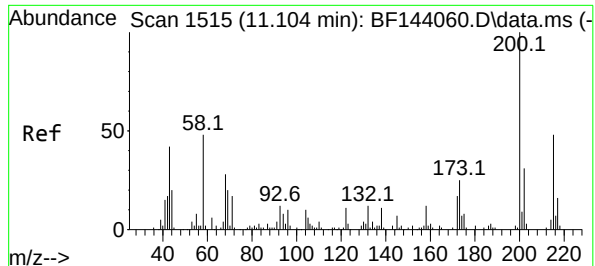
Tgt Ion:248 Resp: 164677  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.8 116.6  
141 63.3 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 69.766 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:284 Resp: 205267  
Ion Ratio Lower Upper  
284 100  
142 24.2 20.0 30.0  
249 30.3 22.2 33.2





#69

Atrazine

Concen: 64.536 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

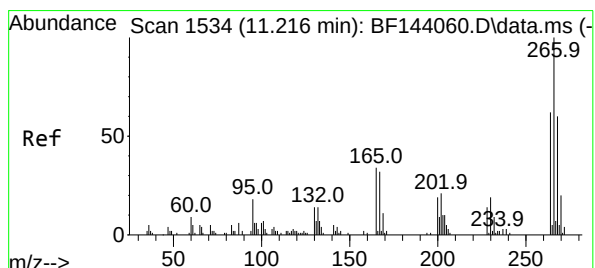
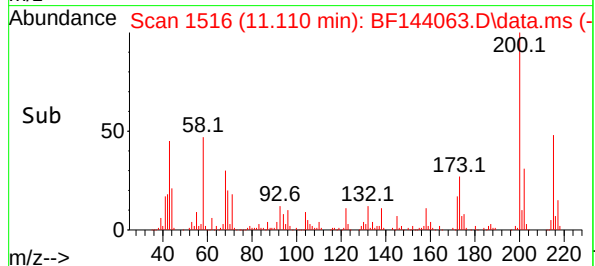
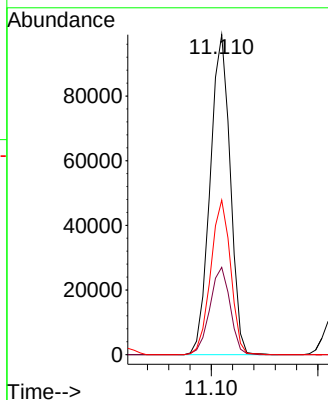
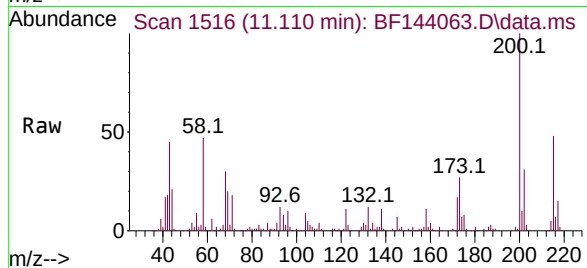
Tgt Ion:200 Resp: 129646

Ion Ratio Lower Upper

200 100

173 27.3 4.9 44.9

215 48.3 28.2 68.2



#70

Pentachlorophenol

Concen: 79.055 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

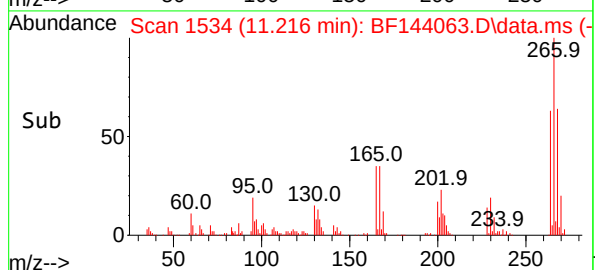
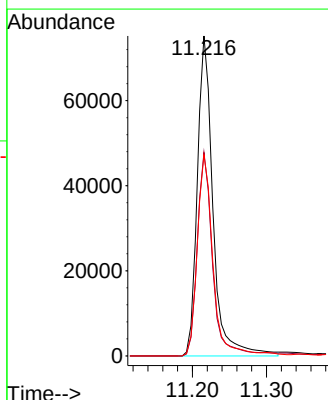
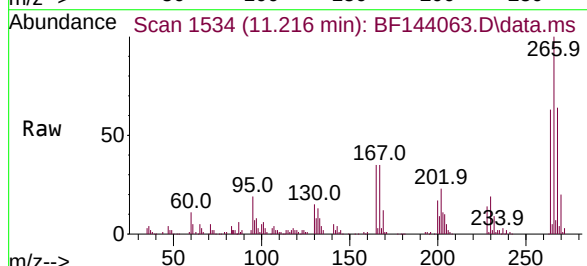
Tgt Ion:266 Resp: 110717

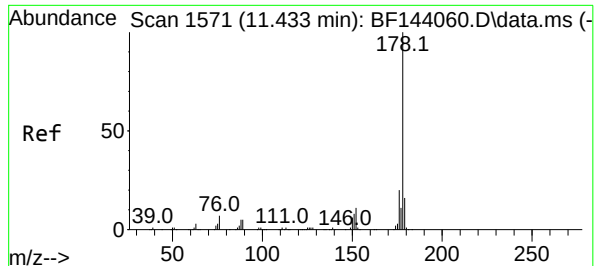
Ion Ratio Lower Upper

266 100

268 63.6 48.2 72.4

264 62.9 49.4 74.0

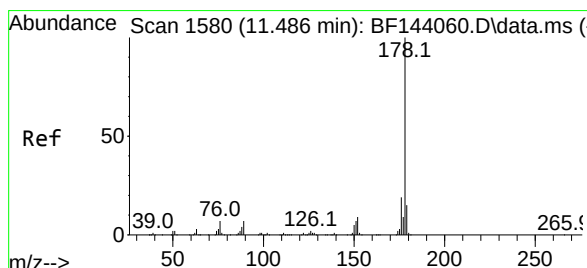
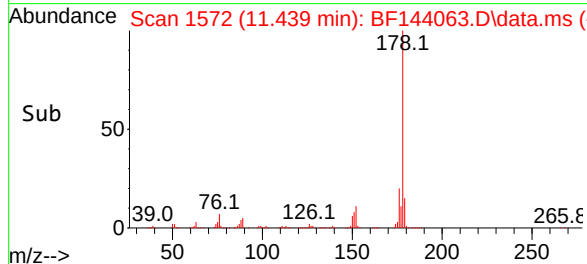
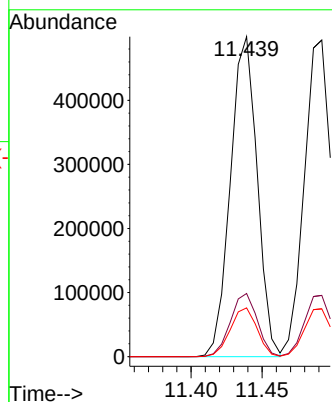
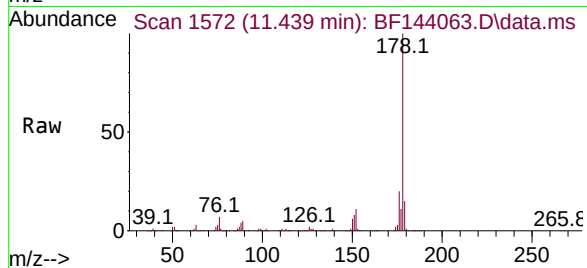




#71  
Phenanthrene  
Concen: 68.769 ng  
RT: 11.439 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

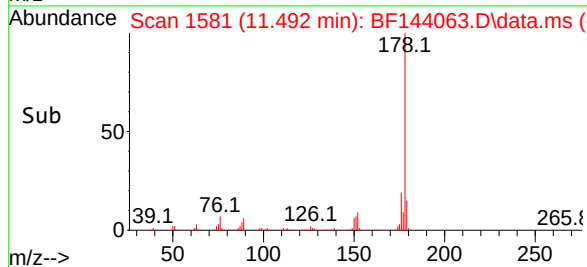
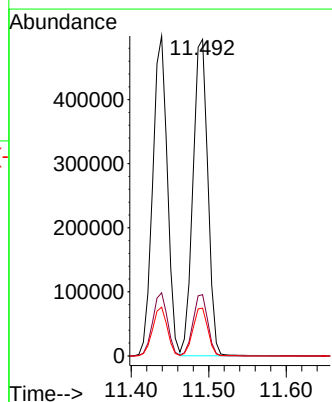
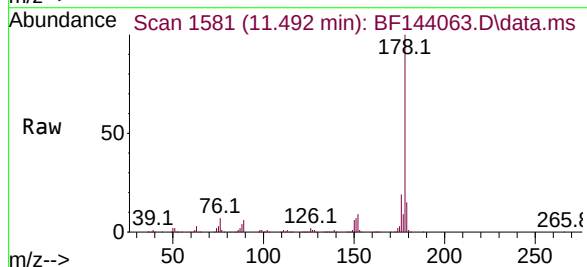
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

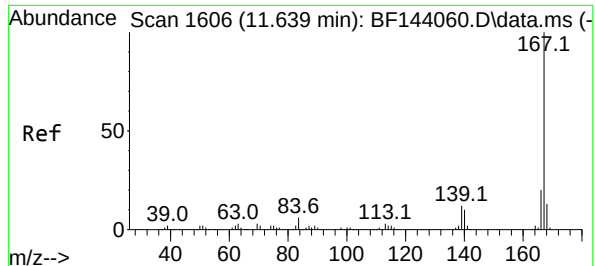
Tgt Ion:178 Resp: 654557  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.3 24.5  
179 15.2 12.6 18.8



#72  
Anthracene  
Concen: 66.765 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

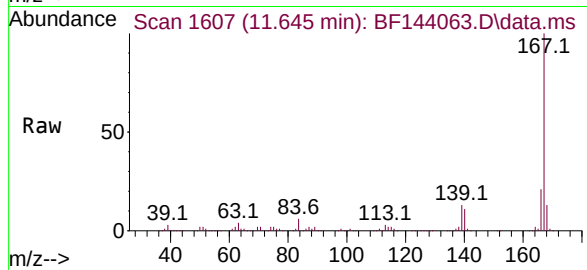
Tgt Ion:178 Resp: 656473  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.0 22.4  
179 15.1 11.8 17.6



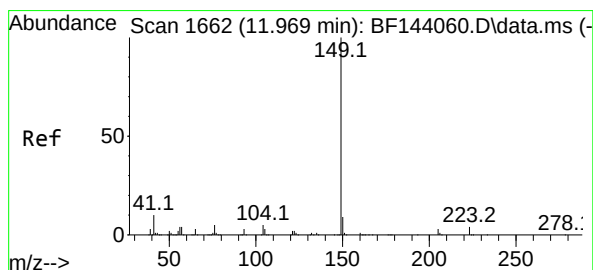
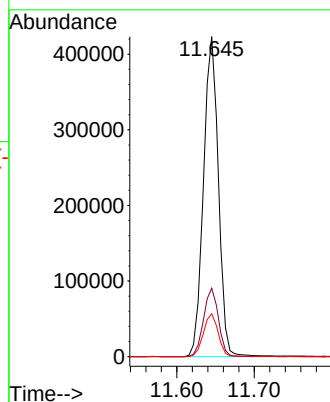
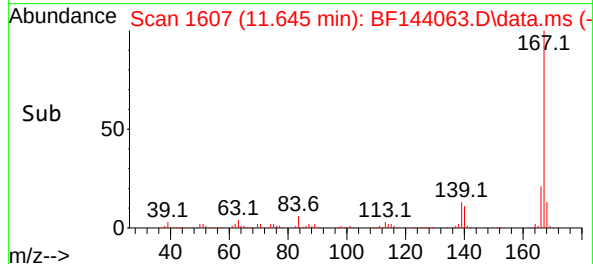


#73  
Carbazole  
Concen: 67.538 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

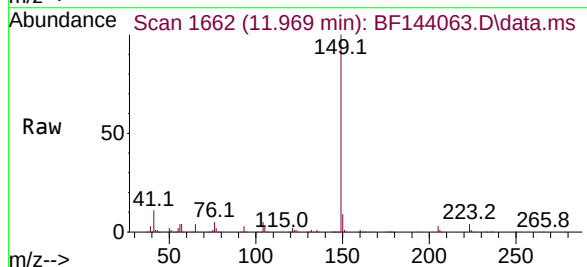
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



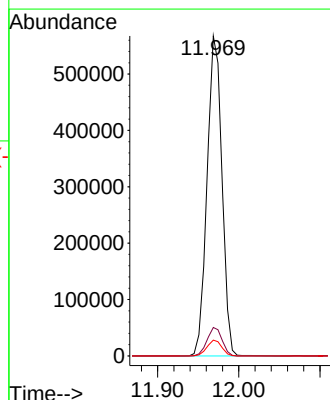
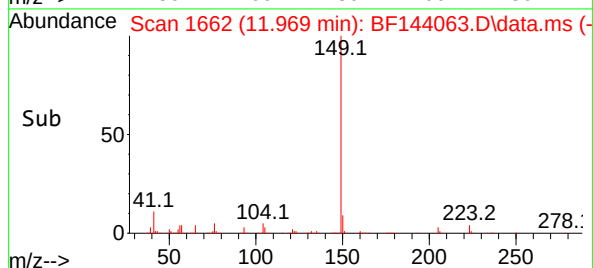
Tgt Ion:167 Resp: 565232  
Ion Ratio Lower Upper  
167 100  
166 21.4 16.1 24.1  
139 13.4 9.8 14.6

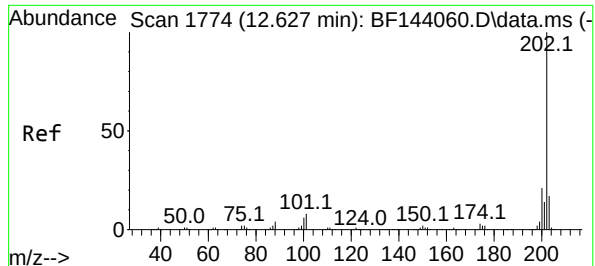


#74  
Di-n-butylphthalate  
Concen: 70.556 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32



Tgt Ion:149 Resp: 723962  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.3 10.9  
104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 69.552 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144063.D

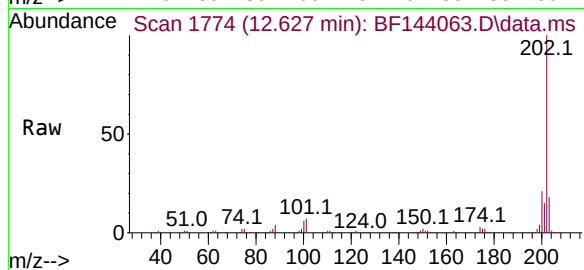
Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



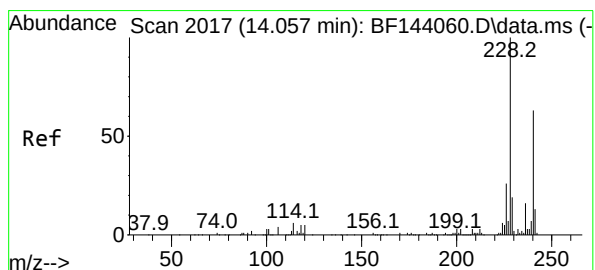
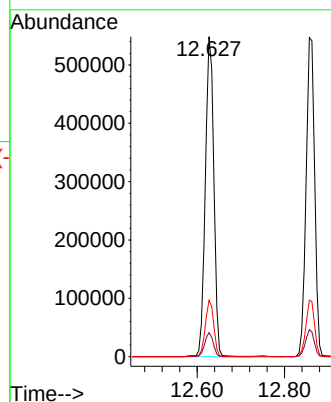
Tgt Ion:202 Resp: 731393

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.7

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

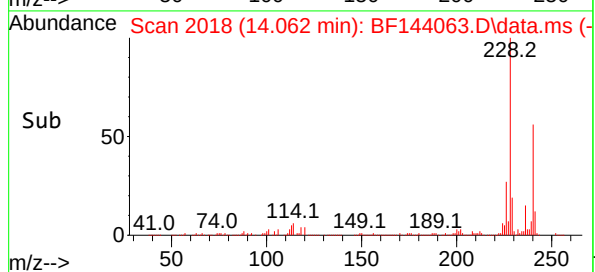
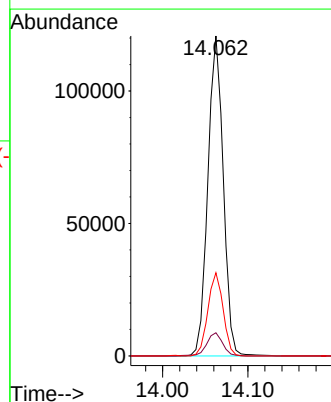
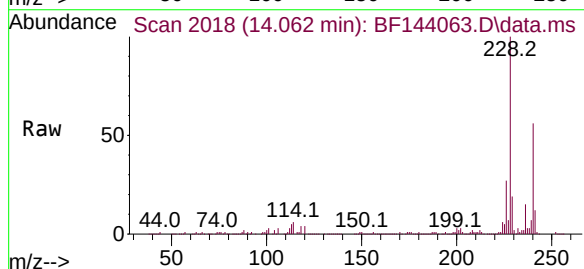
Tgt Ion:240 Resp: 151514

Ion Ratio Lower Upper

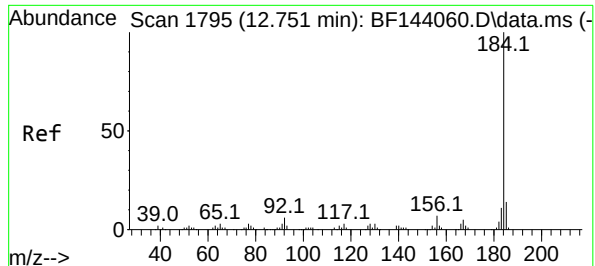
240 100

120 7.2 6.5 9.7

236 26.0 20.1 30.1







#77

Benzidine

Concen: 59.887 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

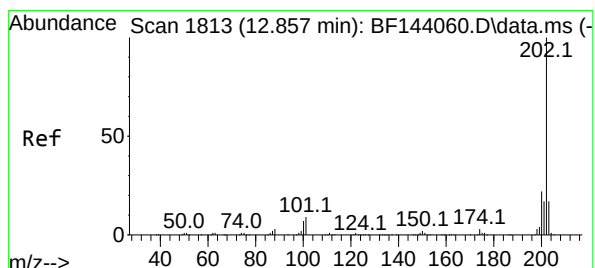
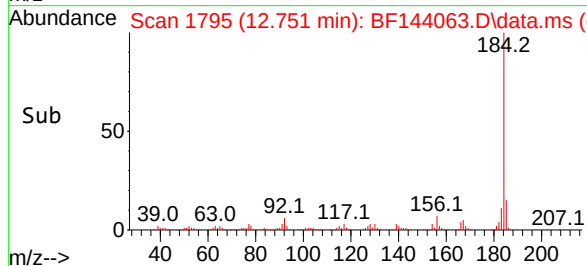
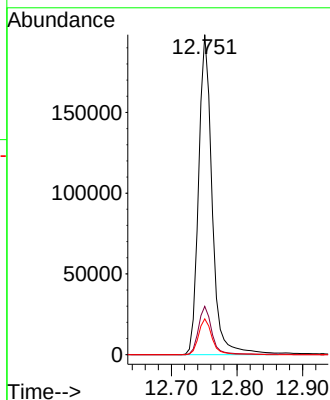
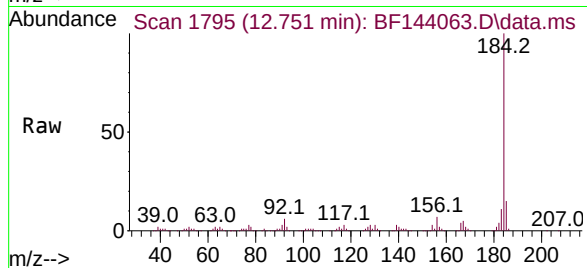
Tgt Ion:184 Resp: 282392

Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 11.2 8.5 12.7



#78

Pyrene

Concen: 68.794 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

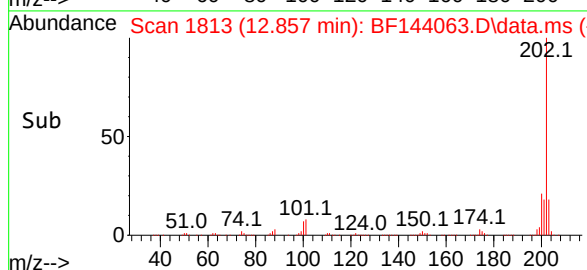
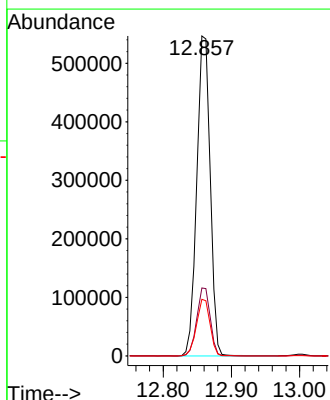
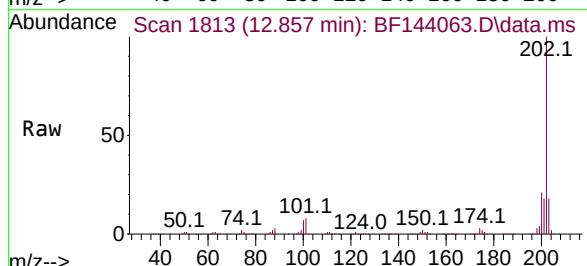
Tgt Ion:202 Resp: 749362

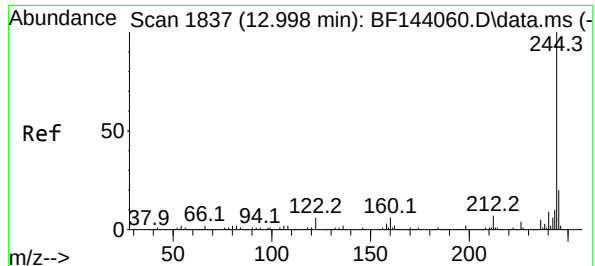
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.7 13.5 20.3





#79

Terphenyl-d14

Concen: 142.390 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

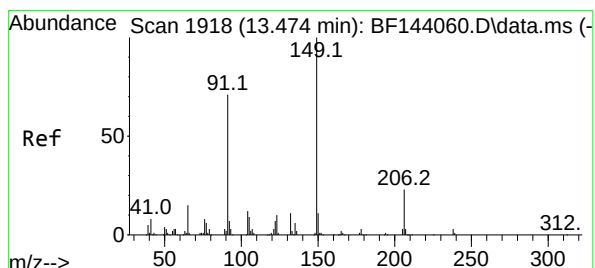
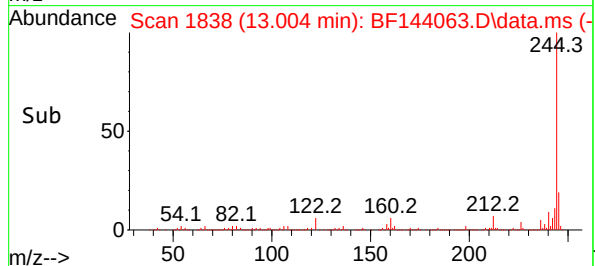
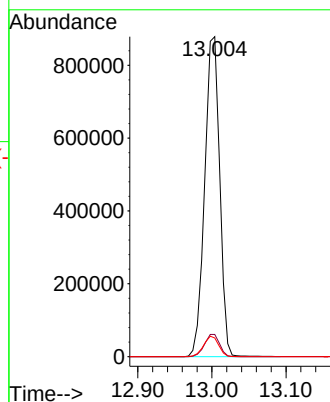
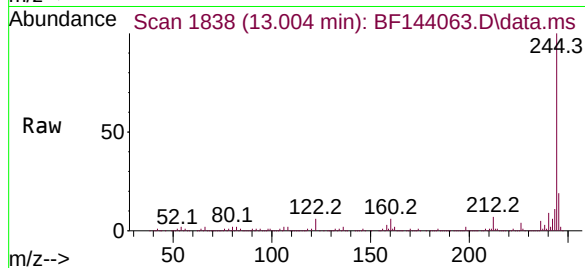
Tgt Ion:244 Resp: 1234056

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 5.8 4.9 7.3



#80

Butylbenzylphthalate

Concen: 73.645 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

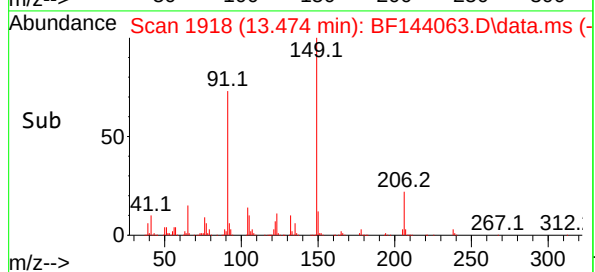
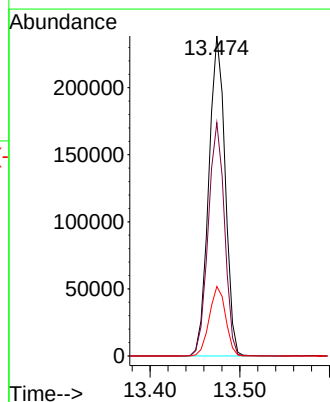
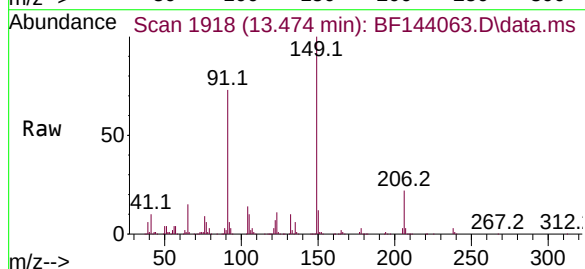
Tgt Ion:149 Resp: 303486

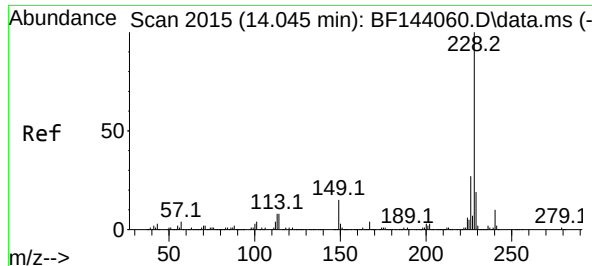
Ion Ratio Lower Upper

149 100

91 72.9 56.6 84.8

206 21.7 18.3 27.5

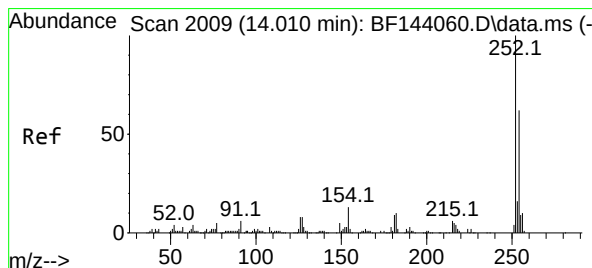
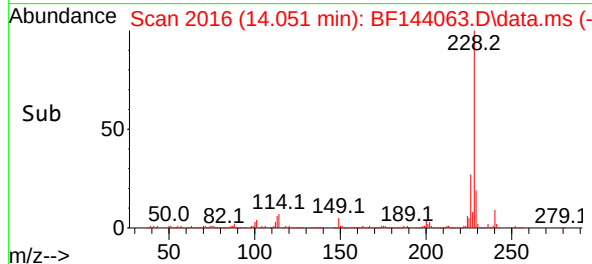
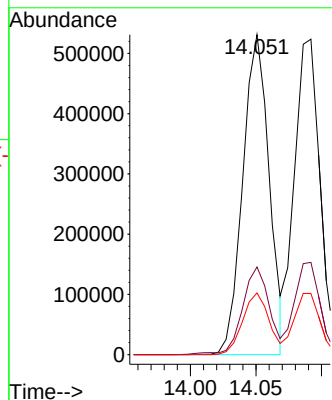
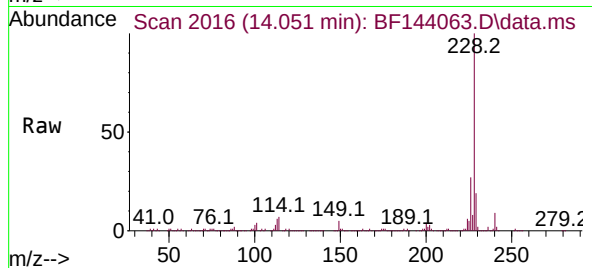




#81  
Benzo(a)anthracene  
Concen: 72.564 ng  
RT: 14.051 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

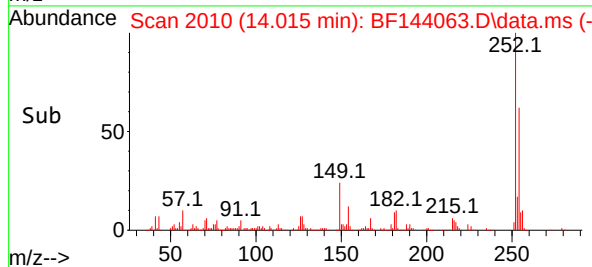
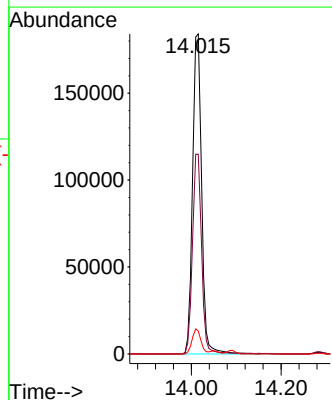
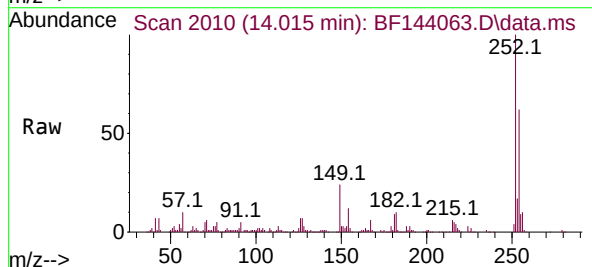
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

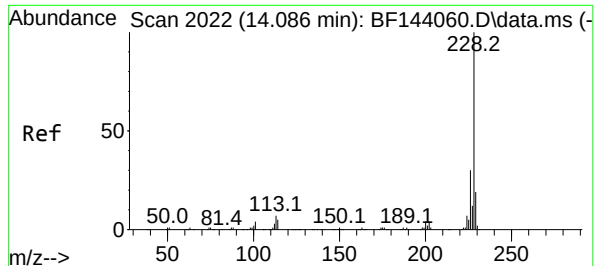
Tgt Ion:228 Resp: 743007  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.4 32.2  
229 19.3 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 72.536 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:252 Resp: 258546  
Ion Ratio Lower Upper  
252 100  
254 62.4 49.9 74.9  
126 7.1 6.5 9.7





#83

Chrysene

Concen: 73.777 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

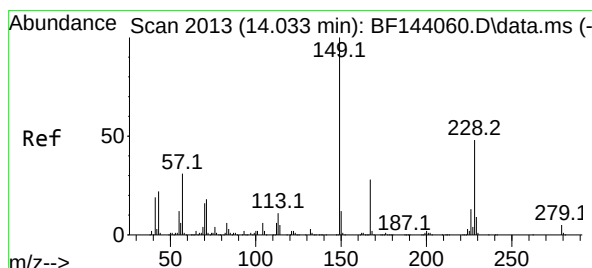
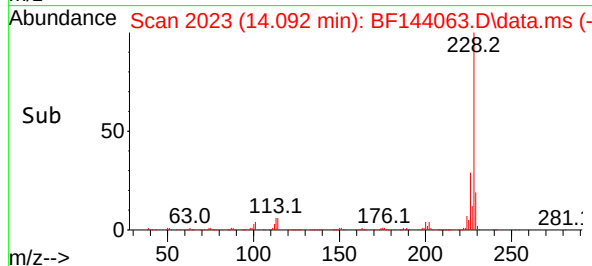
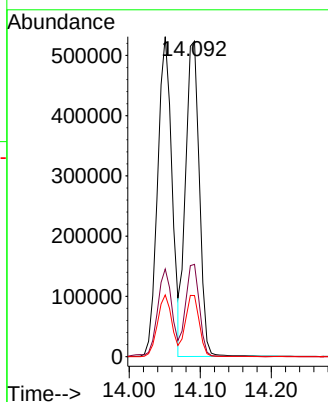
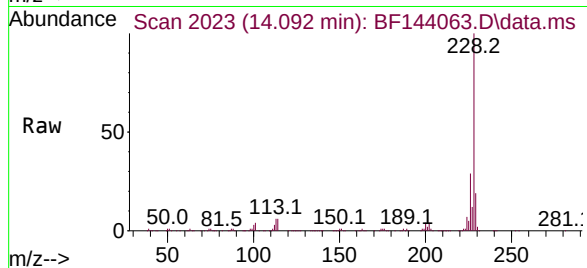
Tgt Ion:228 Resp: 708889

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.226 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

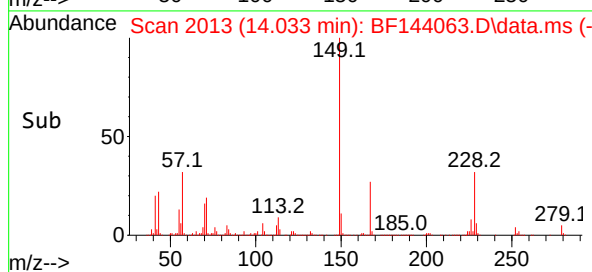
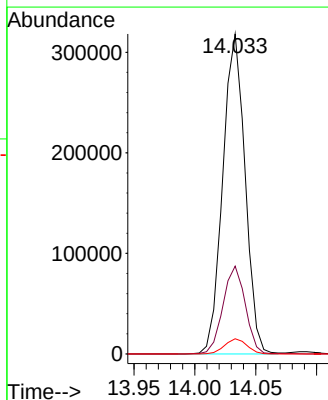
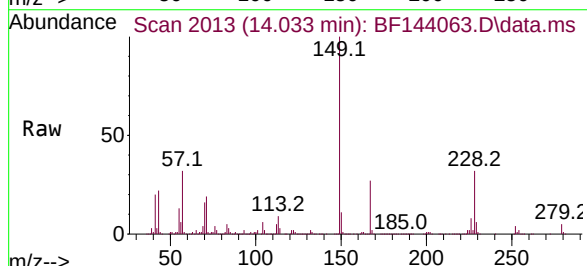
Tgt Ion:149 Resp: 406325

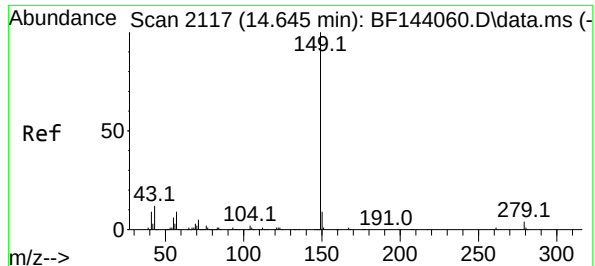
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.7 3.6 5.4

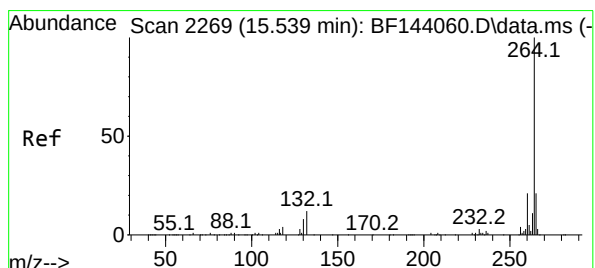
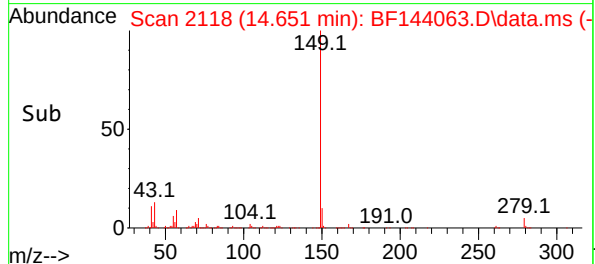
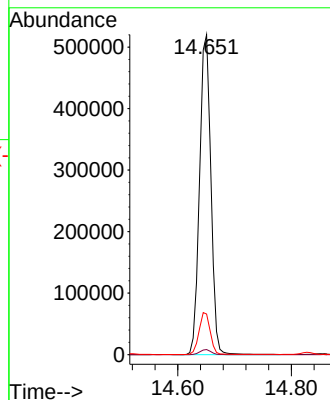
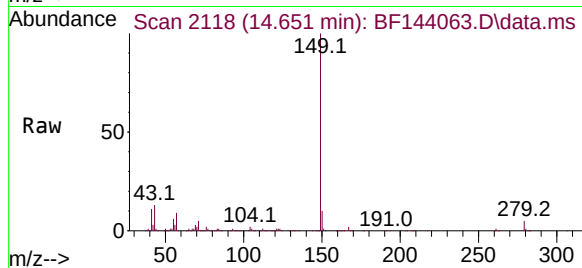




#85  
Di-n-octyl phthalate  
Concen: 73.894 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. 0.006 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

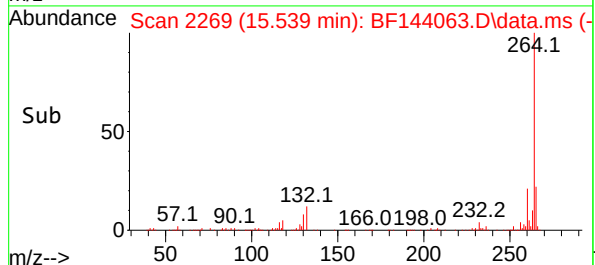
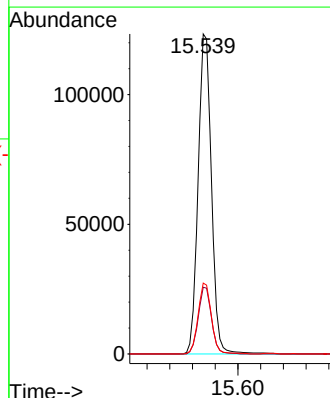
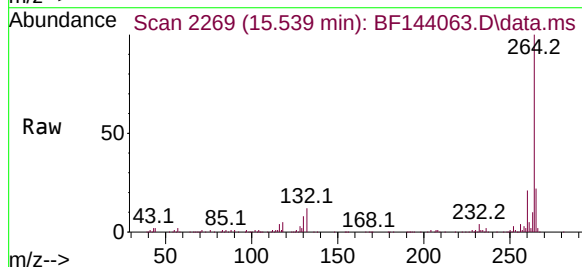
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

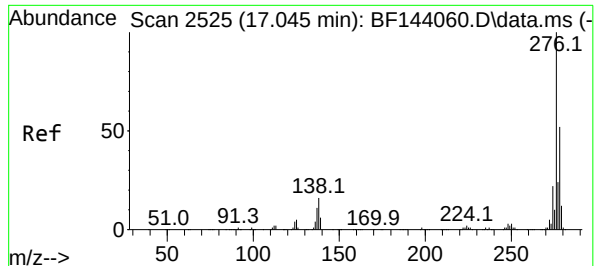
Tgt Ion:149 Resp: 714909  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 13.2 9.3 13.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.000 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

Tgt Ion:264 Resp: 200004  
Ion Ratio Lower Upper  
264 100  
260 20.8 17.0 25.4  
265 22.1 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 73.561 ng

RT: 17.062 min Scan# 2195

Delta R.T. 0.018 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

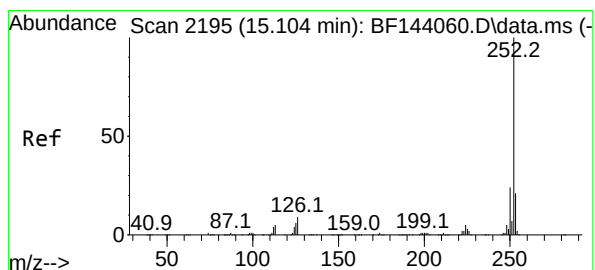
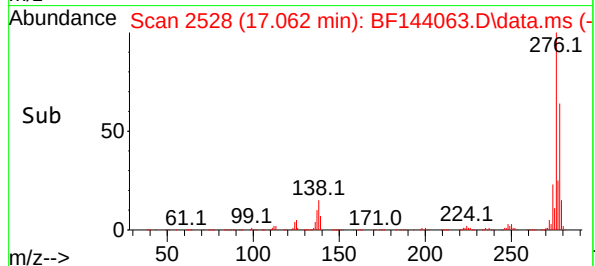
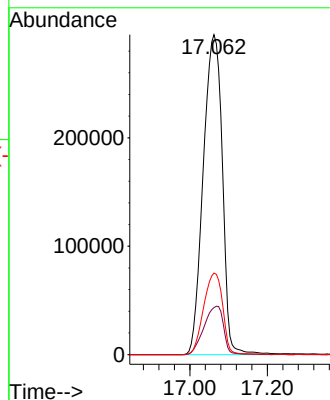
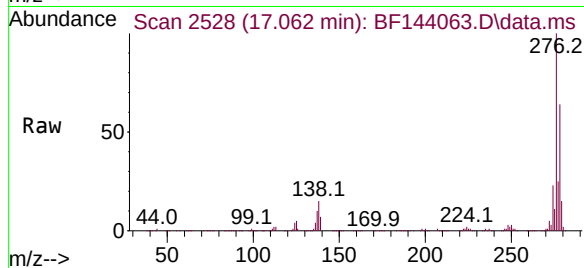
Tgt Ion:276 Resp: 1010103

Ion Ratio Lower Upper

276 100

138 15.6 13.0 19.6

277 25.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 74.302 ng

RT: 15.109 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

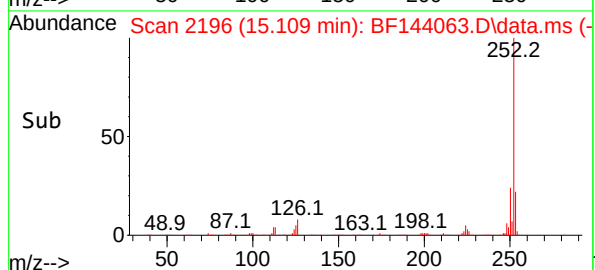
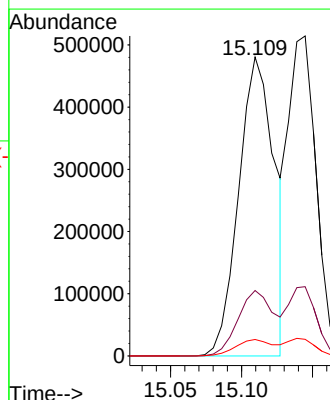
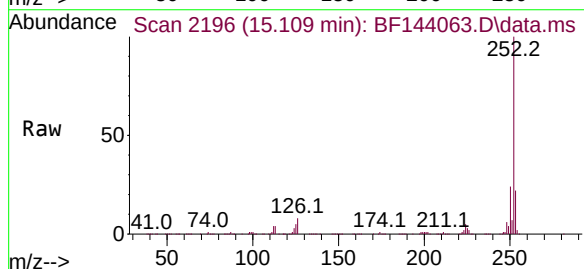
Tgt Ion:252 Resp: 840121

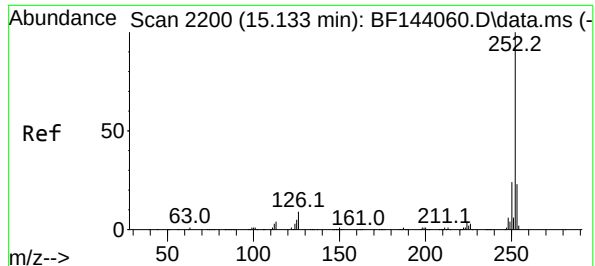
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 5.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 67.953 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

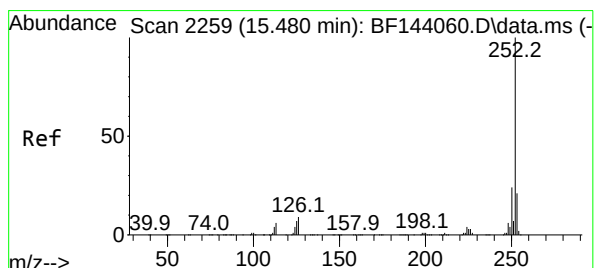
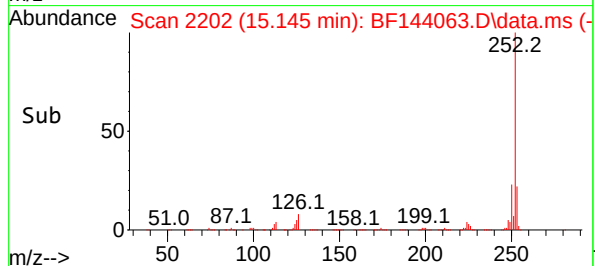
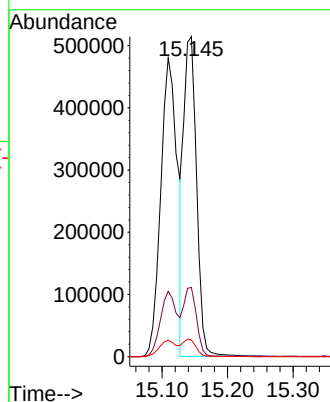
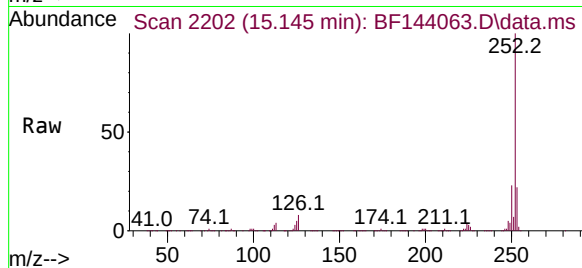
Tgt Ion:252 Resp: 708890

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 5.2 4.9 7.3



#90

Benzo(a)pyrene

Concen: 71.704 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

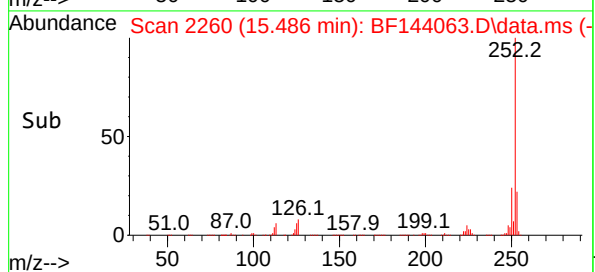
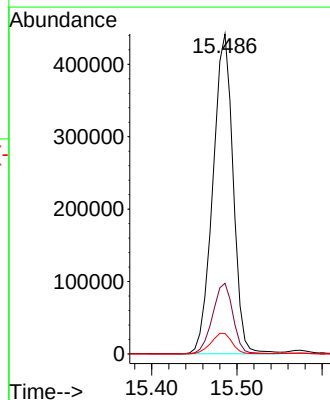
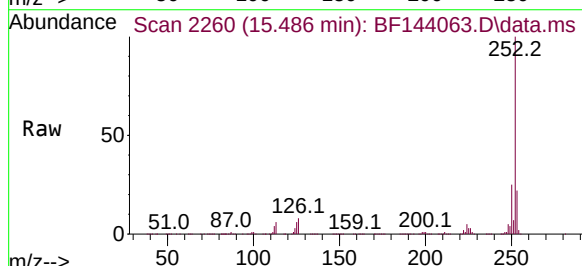
Tgt Ion:252 Resp: 727345

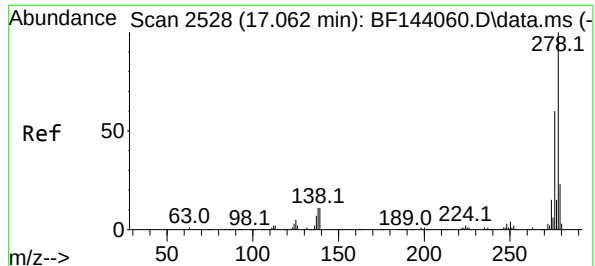
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

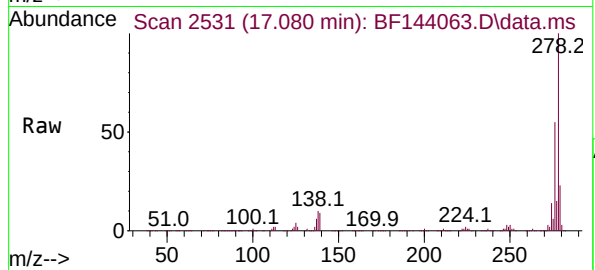
125 6.4 5.4 8.2



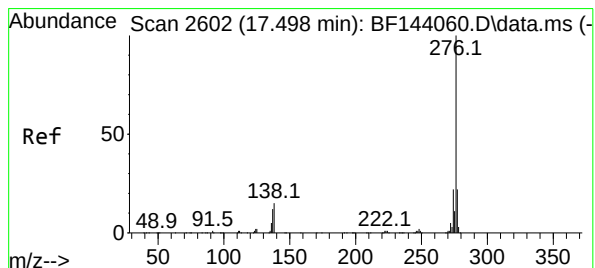
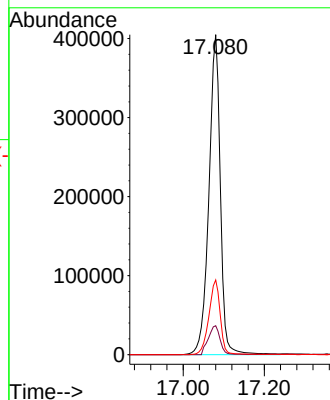
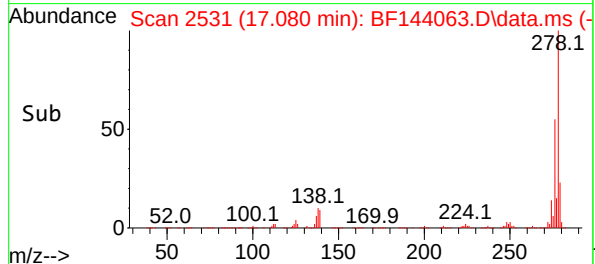


#91  
Dibenzo(a,h)anthracene  
Concen: 73.369 ng  
RT: 17.080 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32

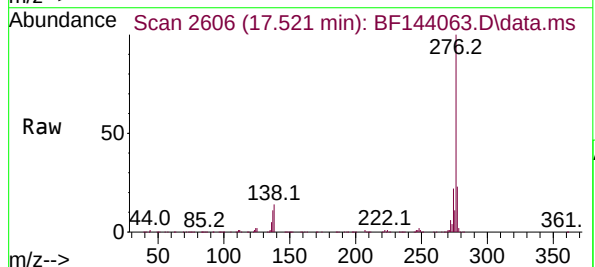
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



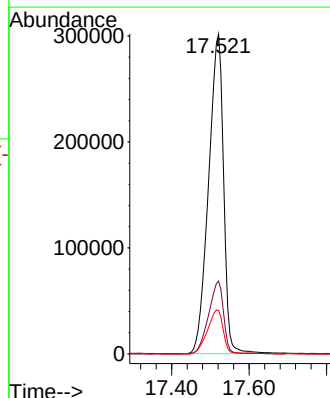
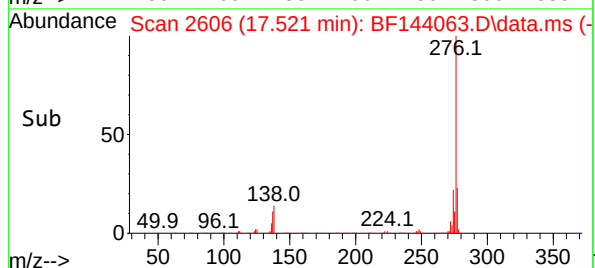
Tgt Ion:278 Resp: 797474  
Ion Ratio Lower Upper  
278 100  
139 9.0 8.5 12.7  
279 23.3 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 74.269 ng  
RT: 17.521 min Scan# 2606  
Delta R.T. 0.024 min  
Lab File: BF144063.D  
Acq: 24 Oct 2025 14:32



Tgt Ion:276 Resp: 811620  
Ion Ratio Lower Upper  
276 100  
277 22.8 17.9 26.9  
138 13.6 12.0 18.0





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144064.D  
 Acq On : 24 Oct 2025 16:24  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Oct 24 17:06:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 40936    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 144864   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 76683    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 132038   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 106050   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 140075   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 324791   | 125.526 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 346692   | 121.325 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 341936   | 129.319 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 132798   | 135.953 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 677674   | 124.361 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 789728   | 130.186 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 70224    | 62.807  | ng    | 98       |
| 3) Pyridine                   | 3.398  | 79   | 196981   | 65.807  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.351  | 42   | 124870   | 67.890  | ng    | 95       |
| 6) Aniline                    | 6.545  | 93   | 251710   | 61.571  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 154530   | 60.645  | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 172641   | 77.814  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 211848   | 60.092  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 157748   | 61.925  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 192311   | 61.183  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 193362   | 62.421  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 186696   | 62.289  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 150113   | 64.606  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 284081   | 59.335  | ng    | 98       |
| 17) 2-Methylphenol            | 7.128  | 107  | 120515   | 61.494  | ng    | 97       |
| 18) Hexachloroethane          | 7.392  | 117  | 73031    | 65.943  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 115863   | 62.701  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 142326   | 61.433  | ng    | # 85     |
| 22) Acetophenone              | 7.292  | 105  | 198031   | 63.255  | ng    | 99       |
| 24) Nitrobenzene              | 7.463  | 77   | 181356   | 64.837  | ng    | 96       |
| 25) Isophorone                | 7.704  | 82   | 298273   | 64.523  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 84384    | 63.417  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 127412   | 64.435  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 180863   | 62.737  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 142524   | 61.979  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 151390   | 63.994  | ng    | 97       |
| 31) Naphthalene               | 8.186  | 128  | 427166   | 62.477  | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 73142    | 58.314  | ng    | 85       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 149397   | 62.767  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 128615   | 66.488  | ng    | 98       |
| 35) Caprolactam               | 8.604  | 113  | 37413    | 64.879  | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 128805   | 63.473  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 276923   | 61.432  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 265532   | 62.174  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 164703   | 62.495  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.027  | 237  | 62879    | 77.248  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 111523   | 65.103  | ng    | 99       |

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 Acq On : 24 Oct 2025 16:24  
 Operator : RC/JU  
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 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

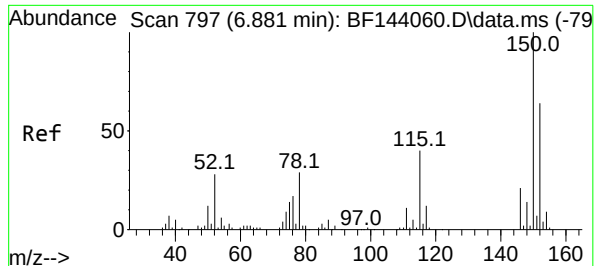
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 QLast Update : Fri Oct 24 16:52:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 117536   | 65.377 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 338254   | 61.621 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 287490   | 62.514 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 91867    | 67.272 | ng    | 97       |
| 49) Acenaphthylene            | 9.780  | 152  | 383800   | 61.895 | ng    | 99       |
| 50) Dimethylphthalate         | 9.633  | 163  | 319101   | 63.485 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 66198    | 66.619 | ng    | 97       |
| 52) Acenaphthene              | 9.957  | 154  | 258125   | 62.331 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.874  | 138  | 69206    | 62.642 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 31982    | 59.508 | ng    | 88       |
| 55) Dibenzofuran              | 10.127 | 168  | 353228   | 61.440 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 46485    | 62.136 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 89630    | 66.833 | ng    | 94       |
| 58) Fluorene                  | 10.469 | 166  | 267202   | 60.997 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 84250    | 66.502 | ng    | # 96     |
| 60) Diethylphthalate          | 10.339 | 149  | 303176   | 64.138 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 155019   | 62.927 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 68899    | 65.819 | ng    | 90       |
| 63) Azobenzene                | 10.621 | 77   | 288180   | 64.412 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 52340    | 61.785 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 261183   | 61.911 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 106864   | 64.641 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.021 | 284  | 129804   | 64.021 | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 93028    | 67.200 | ng    | 96       |
| 70) Pentachlorophenol         | 11.216 | 266  | 66439    | 68.842 | ng    | 98       |
| 71) Phenanthrene              | 11.433 | 178  | 413305   | 63.013 | ng    | 98       |
| 72) Anthracene                | 11.486 | 178  | 421890   | 62.266 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 359155   | 62.276 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.968 | 149  | 449708   | 63.601 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 462087   | 63.767 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 250383   | 75.863 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 483140   | 63.369 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 189412   | 65.668 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 474589   | 66.219 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 168368   | 67.487 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 434514   | 64.608 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 258560   | 65.663 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 439771   | 64.942 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 630927   | 65.606 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.109 | 252  | 483612   | 61.071 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 486238   | 66.551 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 456250   | 64.222 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 502376   | 65.994 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 500846   | 65.439 | ng    | 98       |

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

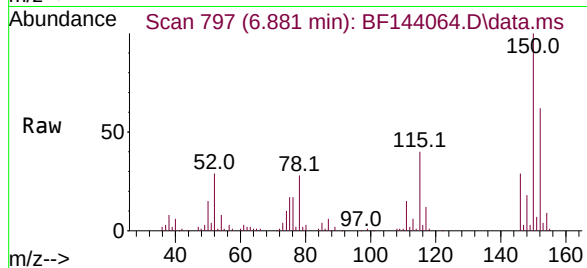
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**ClientSampleId :**  
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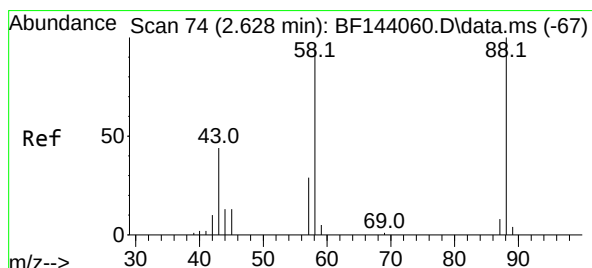
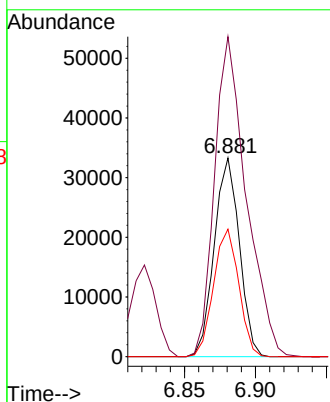
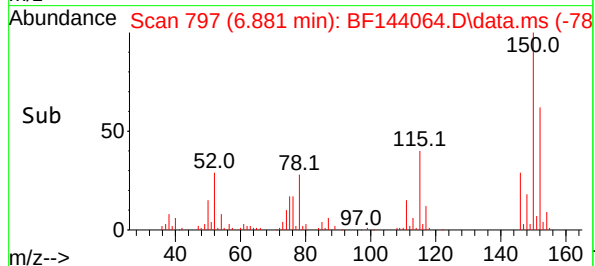


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

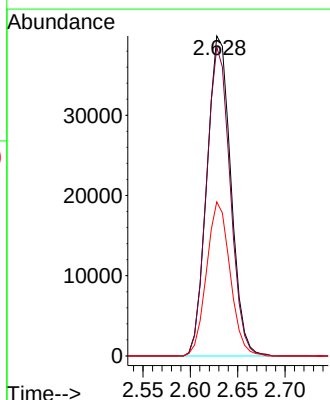
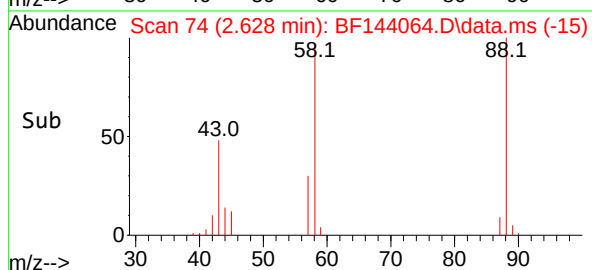
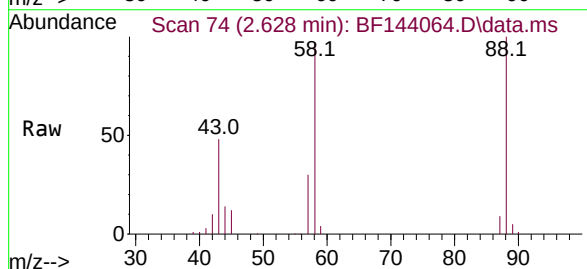


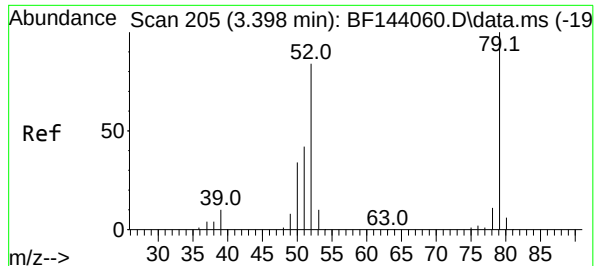
Tgt Ion:152 Resp: 40936  
Ion Ratio Lower Upper  
152 100  
150 161.1 124.4 186.6  
115 64.2 49.4 74.0



#2  
1,4-Dioxane  
Concen: 62.807 ng  
RT: 2.628 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion: 88 Resp: 70224  
Ion Ratio Lower Upper  
88 100  
58 95.3 76.5 114.7  
43 47.2 35.3 52.9





#3

Pyridine

Concen: 65.807 ng

RT: 3.398 min Scan# 205

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

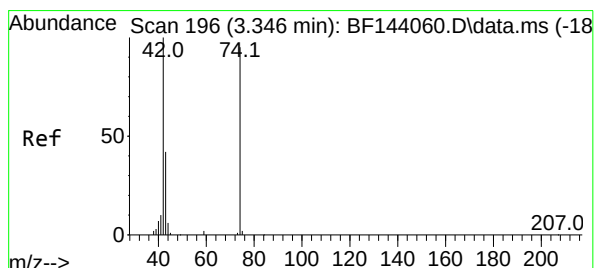
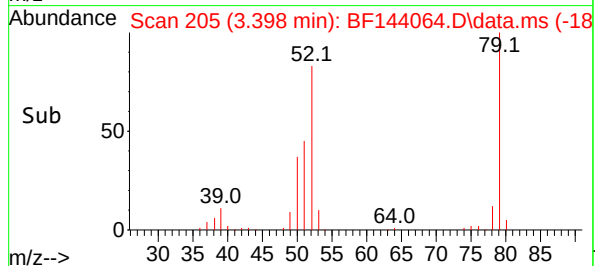
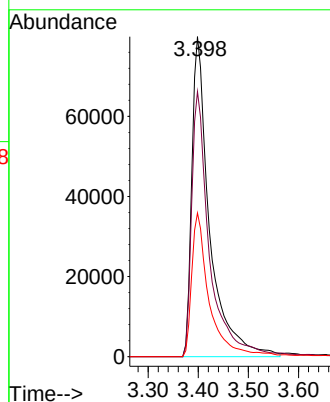
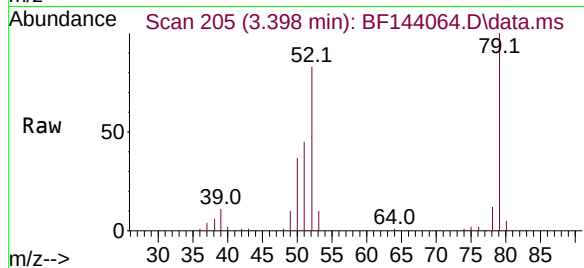
Tgt Ion: 79 Resp: 196981

Ion Ratio Lower Upper

79 100

52 82.8 67.5 101.3

51 44.9 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 67.890 ng

RT: 3.351 min Scan# 197

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

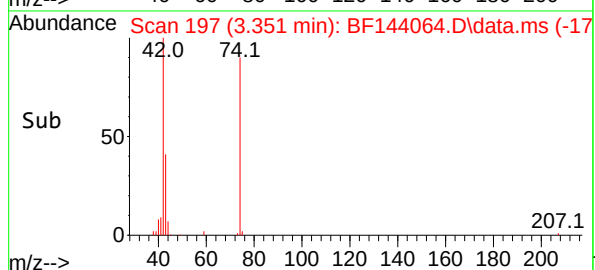
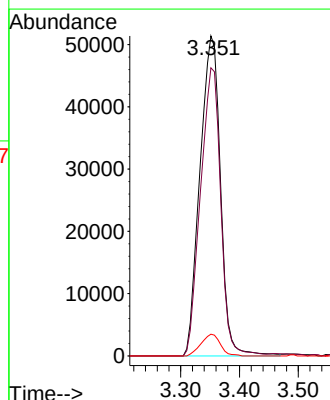
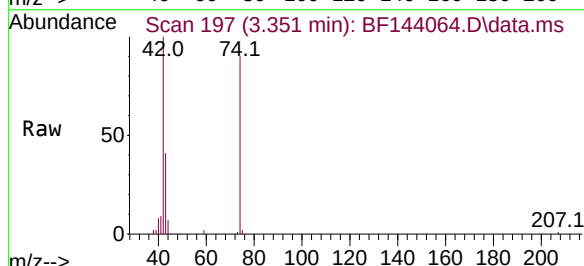
Tgt Ion: 42 Resp: 124870

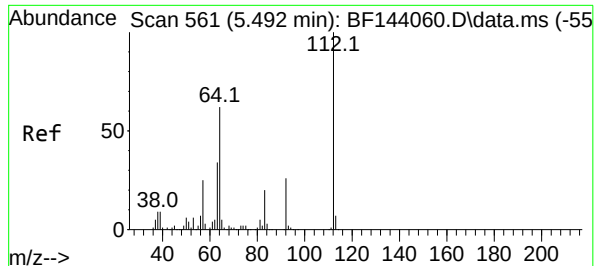
Ion Ratio Lower Upper

42 100

74 90.0 76.4 114.6

44 6.8 5.2 7.8

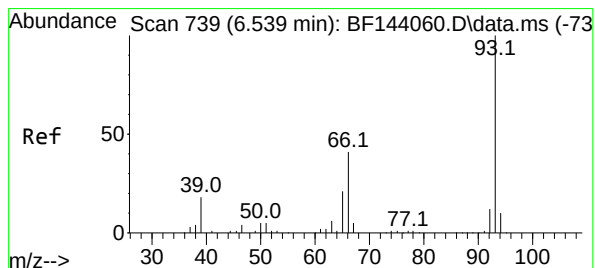
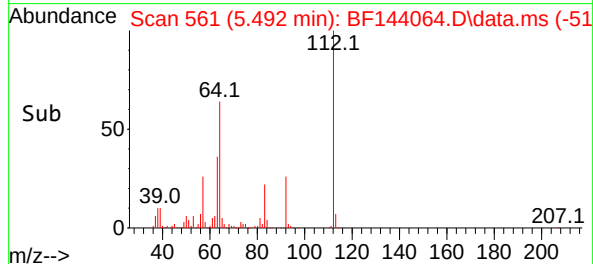
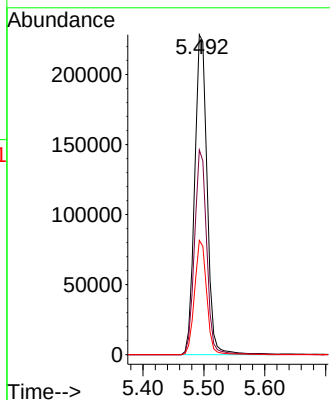
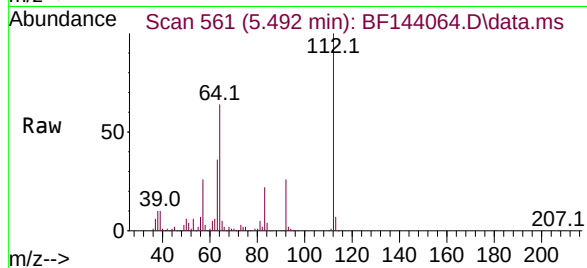




#5  
2-Fluorophenol  
Concen: 125.526 ng  
RT: 5.492 min Scan# 561  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

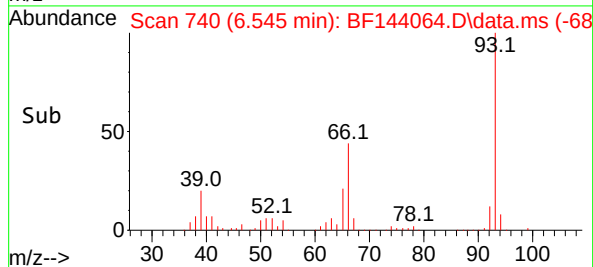
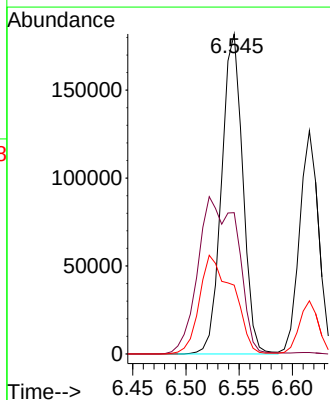
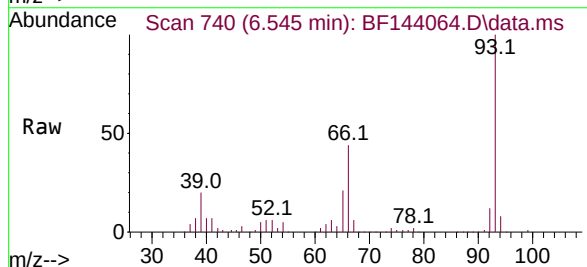
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ClientSampleId :  
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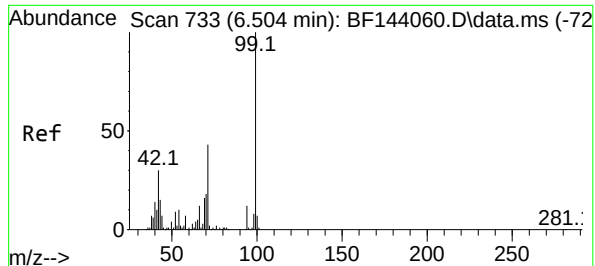
Tgt Ion:112 Resp: 324791  
Ion Ratio Lower Upper  
112 100  
64 64.0 49.8 74.8  
63 35.7 27.4 41.2



#6  
Aniline  
Concen: 61.571 ng  
RT: 6.545 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion: 93 Resp: 251710  
Ion Ratio Lower Upper  
93 100  
66 44.1 35.7 53.5  
65 21.5 17.0 25.6





#7

Phenol-d6

Concen: 121.325 ng

RT: 6.510 min Scan# 734

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

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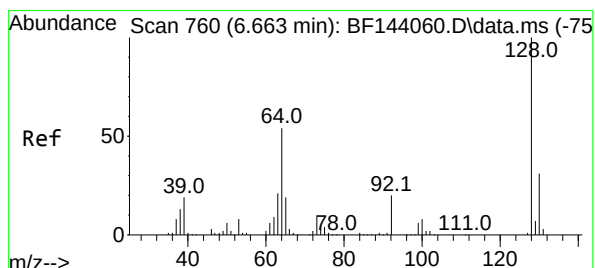
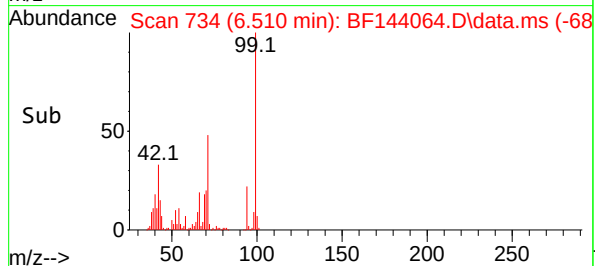
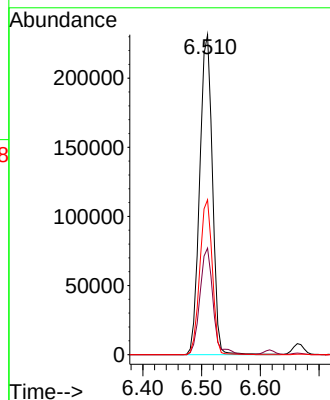
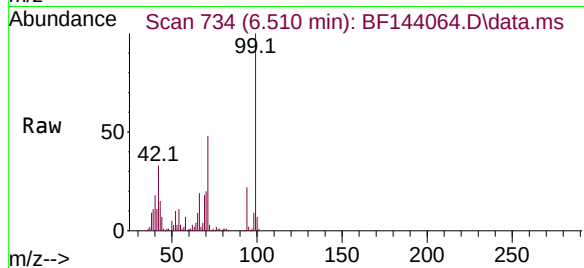
Tgt Ion: 99 Resp: 346692

Ion Ratio Lower Upper

99 100

42 33.3 23.9 35.9

71 48.4 34.4 51.6



#8

2-Chlorophenol

Concen: 60.645 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

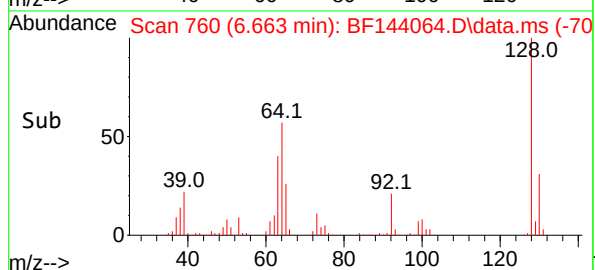
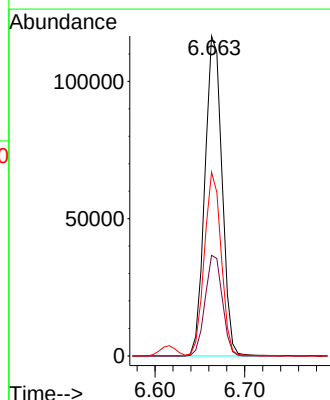
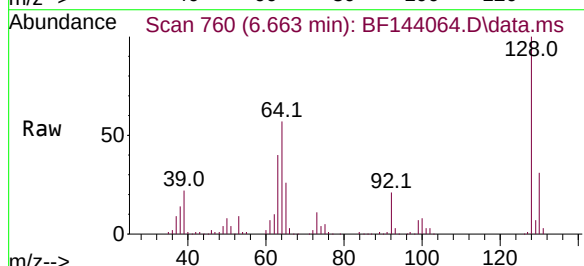
Tgt Ion: 128 Resp: 154530

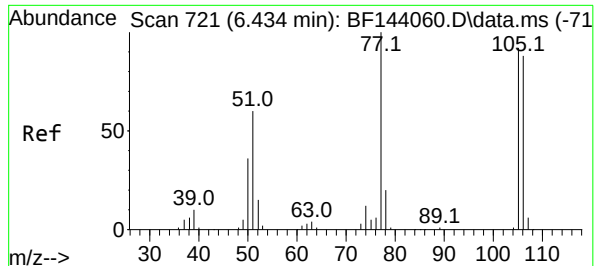
Ion Ratio Lower Upper

128 100

130 31.4 10.7 50.7

64 57.4 34.7 74.7





#9

Benzaldehyde

Concen: 77.814 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

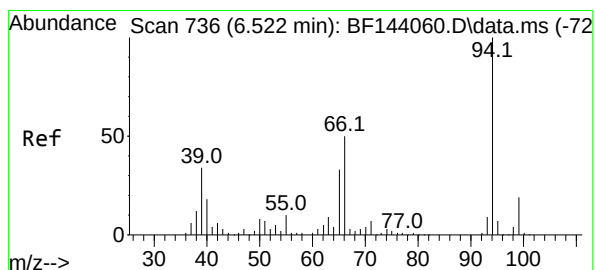
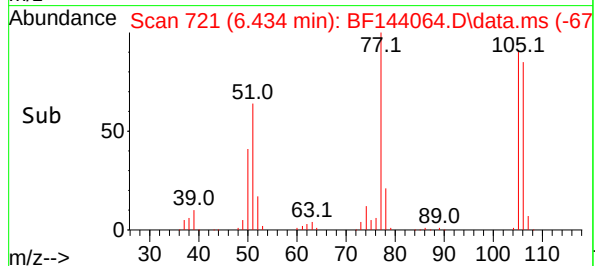
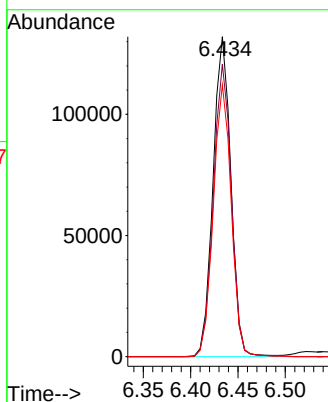
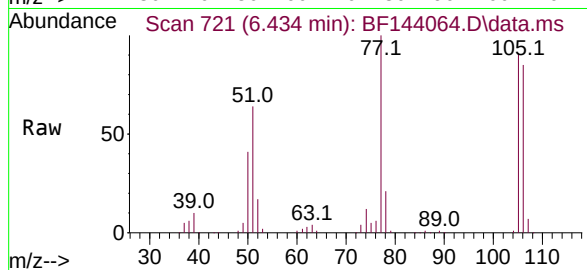
Tgt Ion: 77 Resp: 172641

Ion Ratio Lower Upper

77 100

105 91.4 72.2 112.2

106 84.9 67.9 107.9



#10

Phenol

Concen: 60.092 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

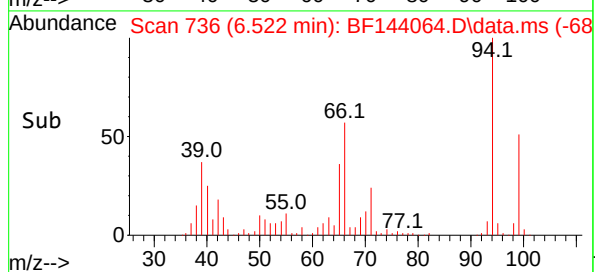
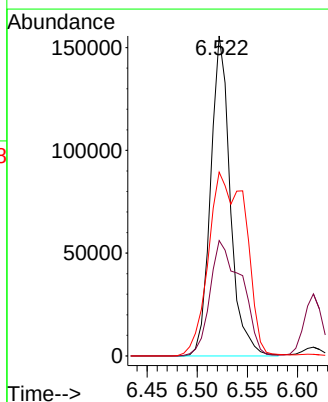
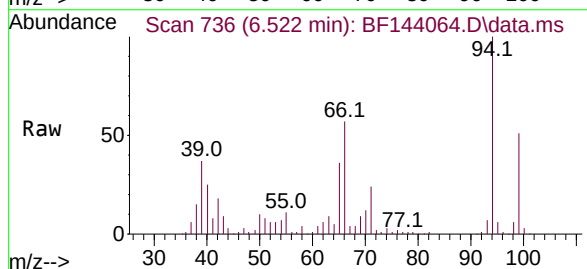
Tgt Ion: 94 Resp: 211848

Ion Ratio Lower Upper

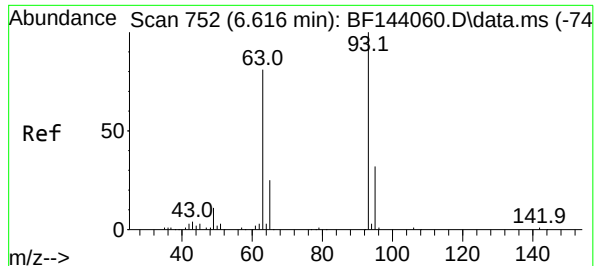
94 100

65 36.0 13.1 53.1

66 57.4 30.6 70.6



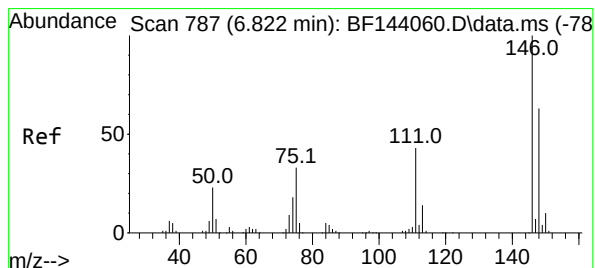
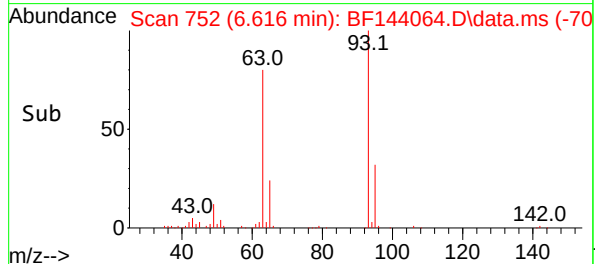
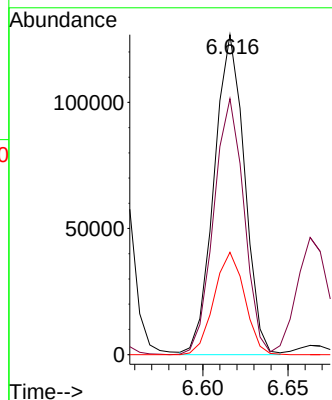
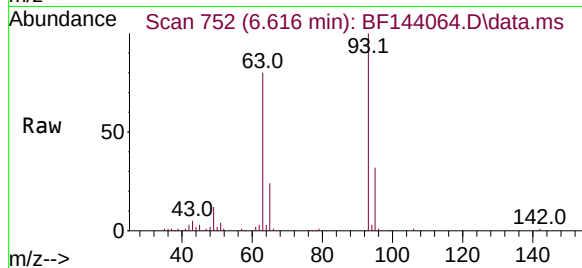




#11  
bis(2-Chloroethyl)ether  
Concen: 61.925 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

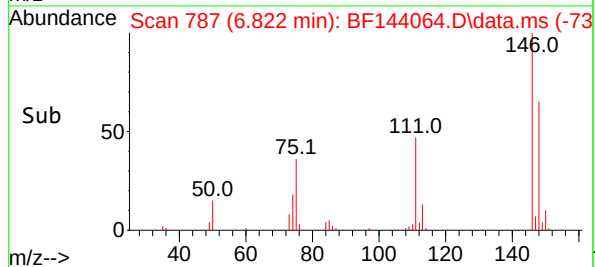
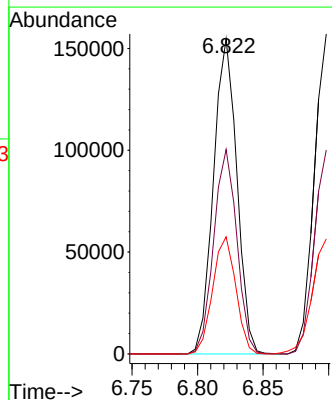
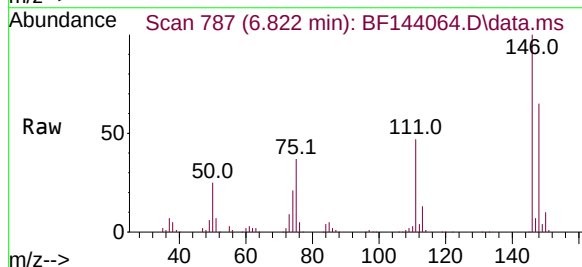
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

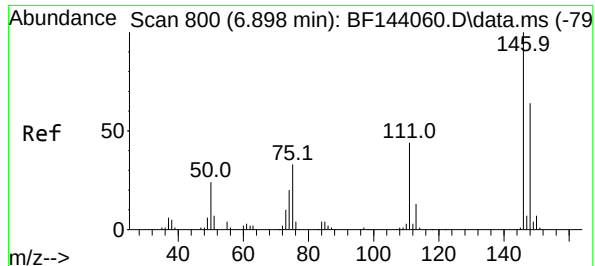
Tgt Ion: 93 Resp: 157748  
Ion Ratio Lower Upper  
93 100  
63 80.0 60.2 100.2  
95 32.0 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 61.183 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion: 146 Resp: 192311  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.6 75.8  
75 37.1 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 62.421 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

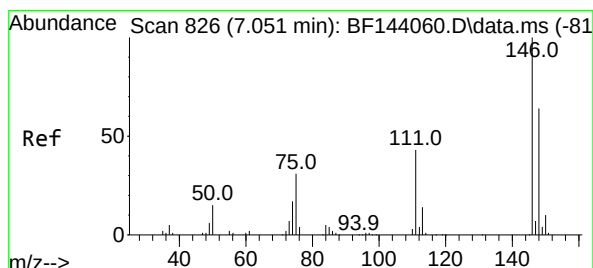
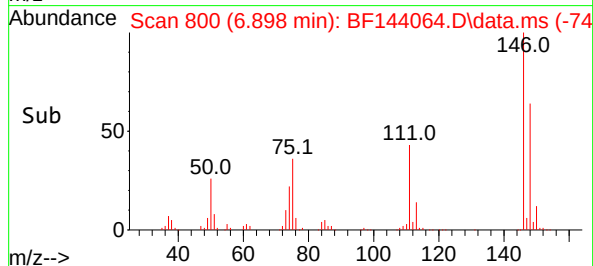
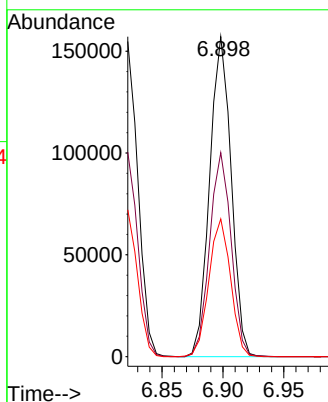
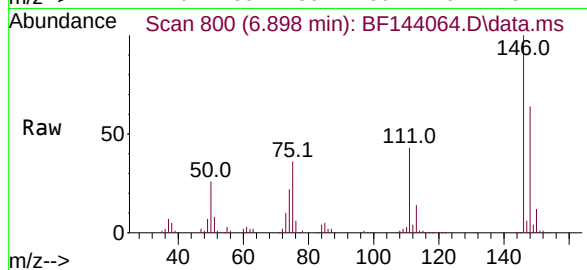
Tgt Ion:146 Resp: 193362

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 43.0 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 62.289 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

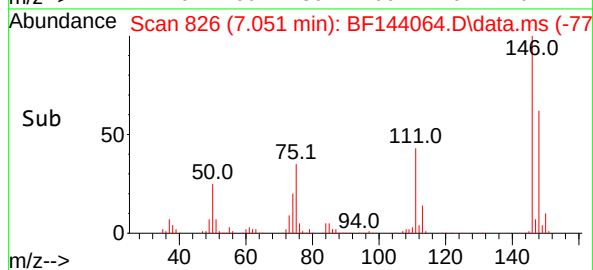
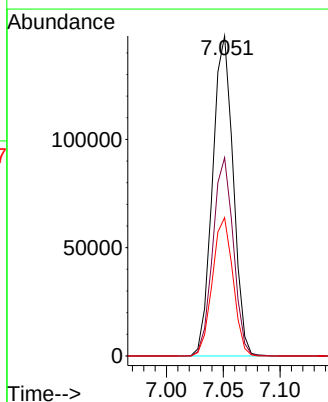
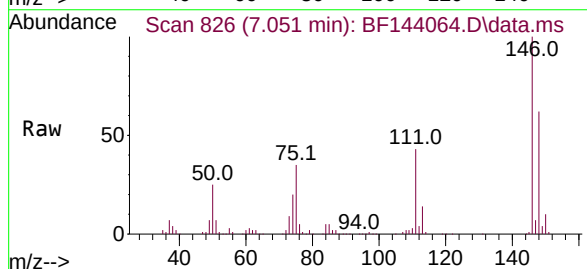
Tgt Ion:146 Resp: 186696

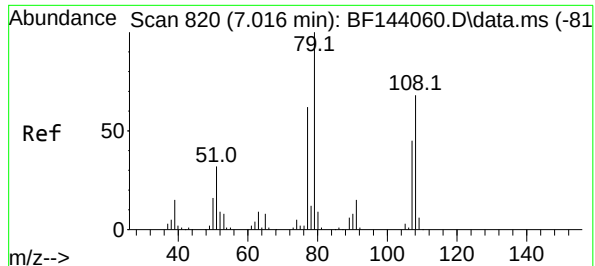
Ion Ratio Lower Upper

146 100

148 61.9 50.8 76.2

111 43.2 34.7 52.1

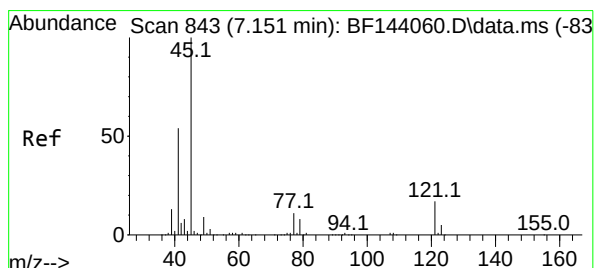
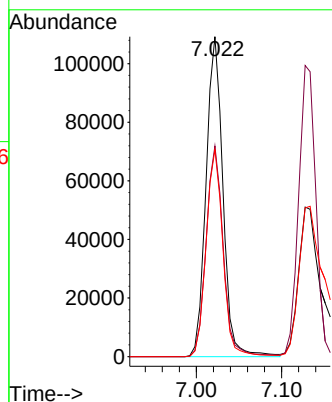
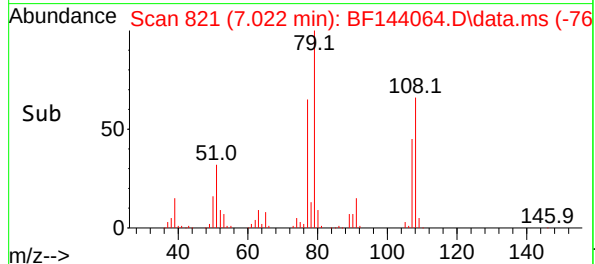
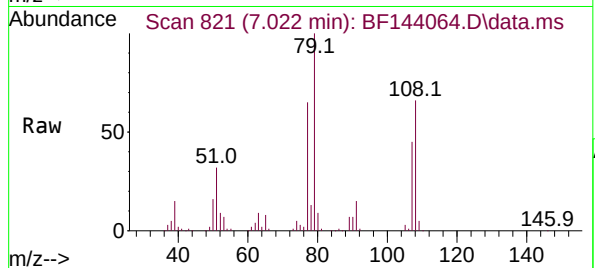




#15  
Benzyl Alcohol  
Concen: 64.606 ng  
RT: 7.022 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

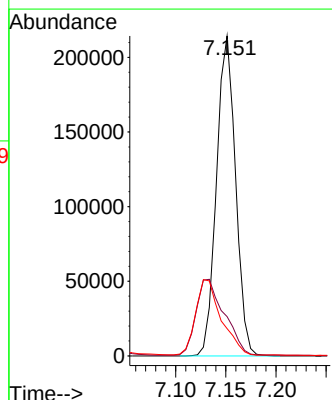
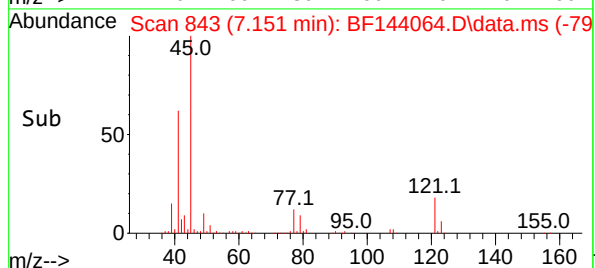
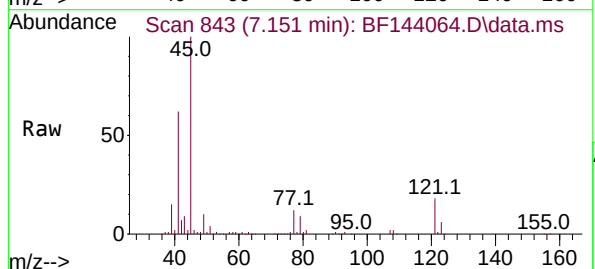
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

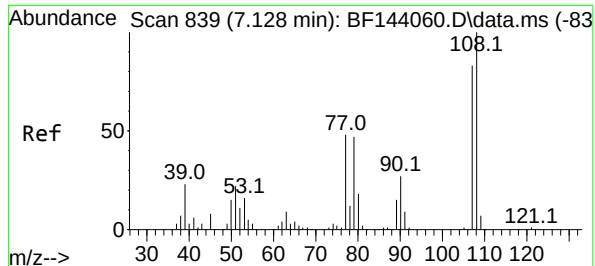
Tgt Ion: 79 Resp: 150113  
Ion Ratio Lower Upper  
79 100  
108 65.8 54.8 82.2  
77 64.7 49.4 74.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 59.335 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion: 45 Resp: 284081  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 30.9  
79 8.5 0.0 28.2

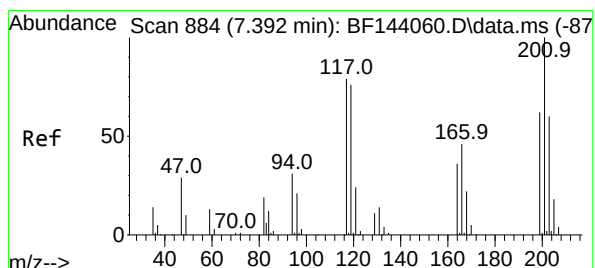
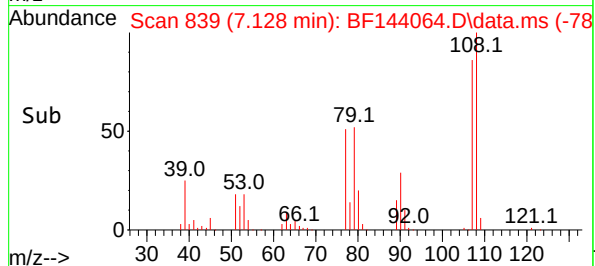
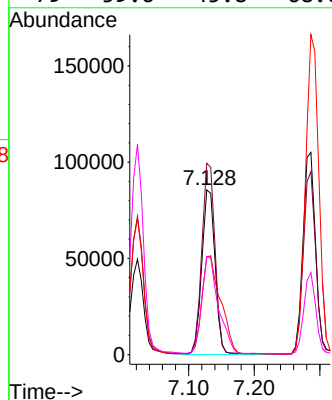
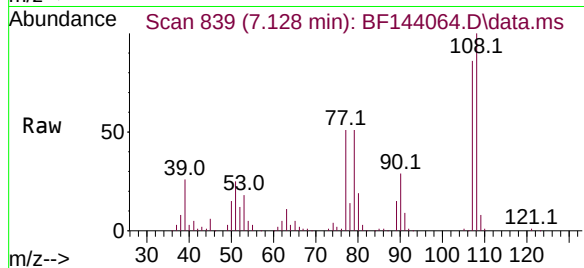




#17  
2-Methylphenol  
Concen: 61.494 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

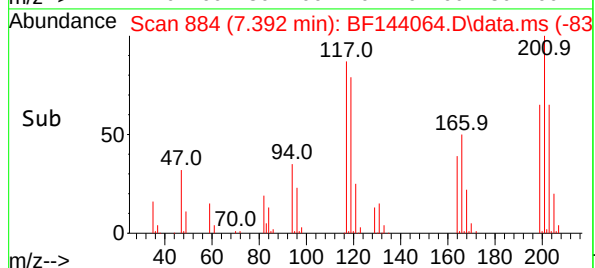
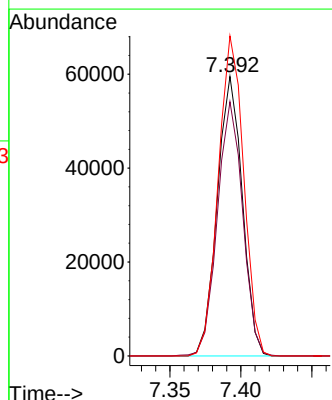
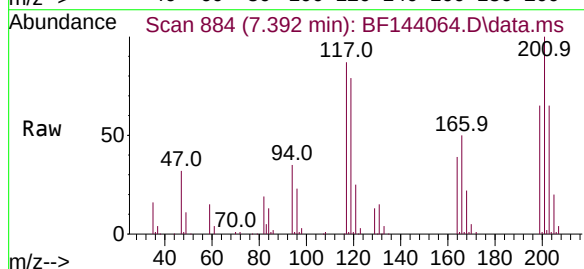
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

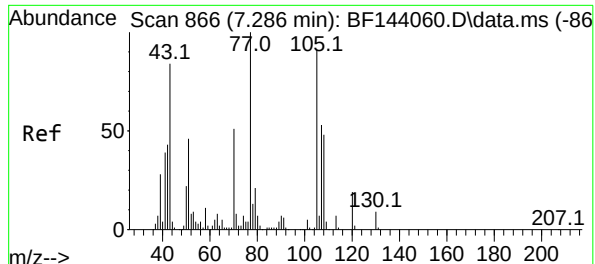
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 116.1 | 96.4  | 144.6 |
| 77      | 59.3  | 46.8  | 70.2  |
| 79      | 59.6  | 45.8  | 68.6  |



#18  
Hexachloroethane  
Concen: 65.943 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.0  | 76.6  | 115.0 |
| 201     | 114.5 | 100.9 | 151.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 62.701 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

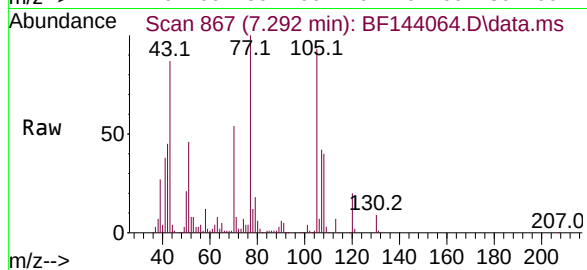
Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 115863

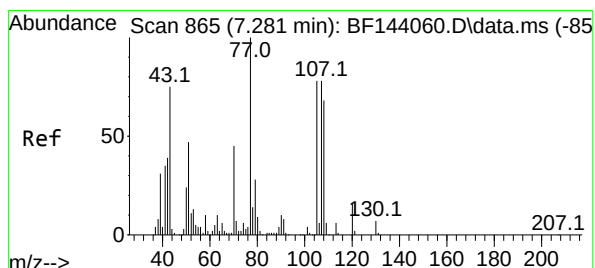
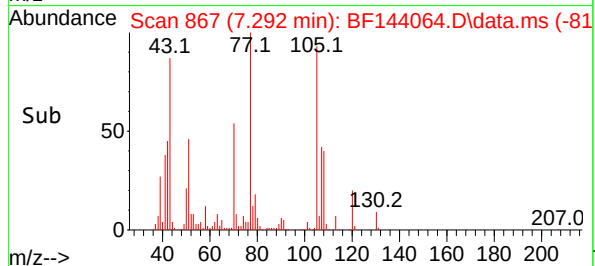
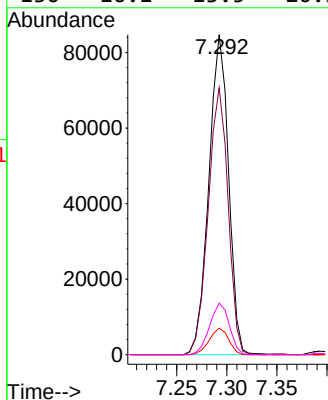
Ion Ratio Lower Upper

70 100

42 83.4 67.4 101.0

101 8.3 7.1 10.7

130 16.1 13.5 20.3



#20

3+4-Methylphenols

Concen: 61.433 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion: 107 Resp: 142326

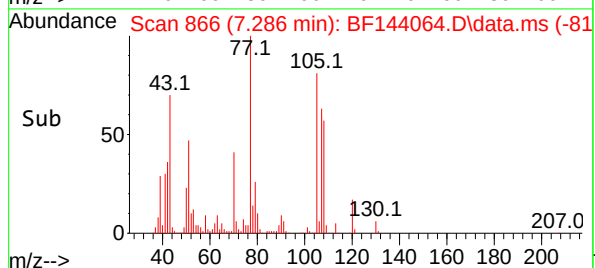
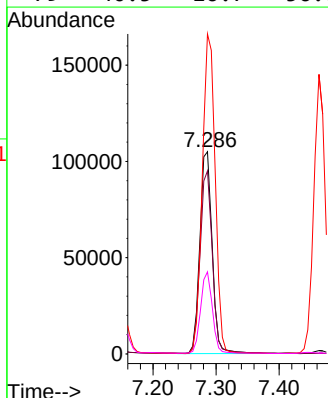
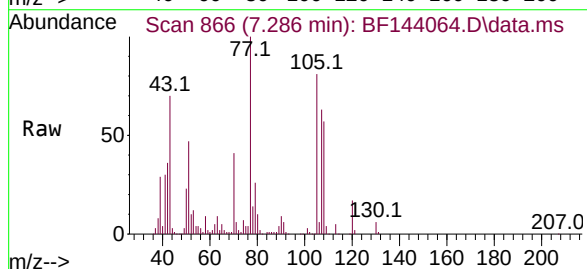
Ion Ratio Lower Upper

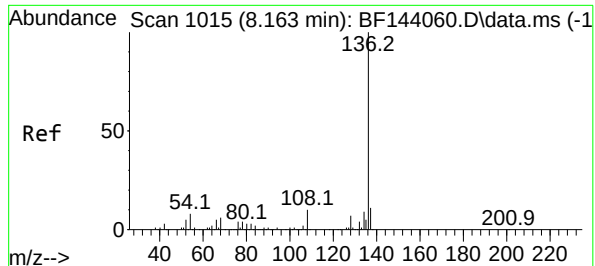
107 100

108 90.5 68.0 108.0

77 158.2 108.7 148.7#

79 40.5 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 144864

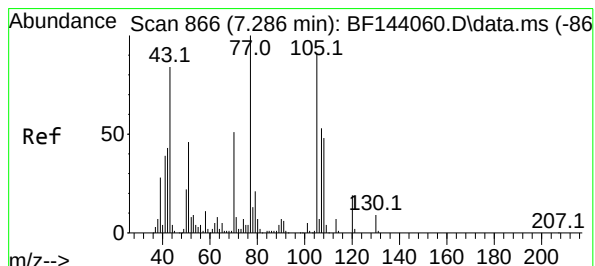
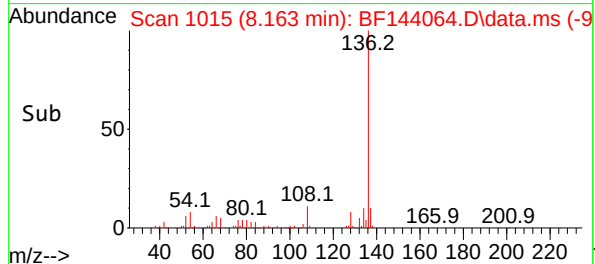
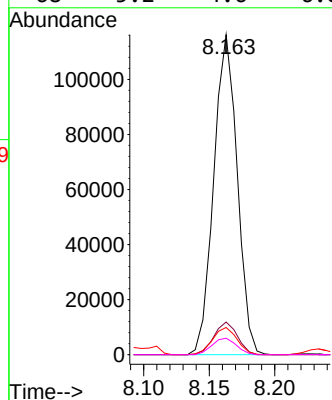
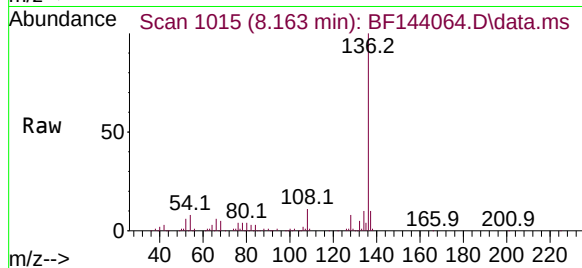
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 8.5 6.6 9.8

68 5.2 4.6 6.8



#22

Acetophenone

Concen: 63.255 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:105 Resp: 198031

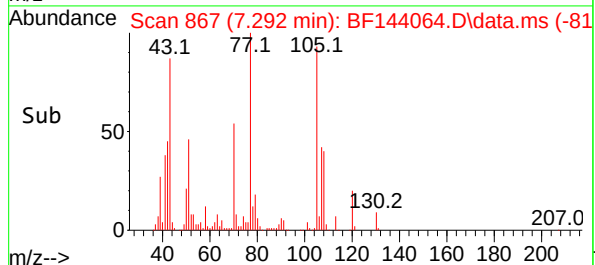
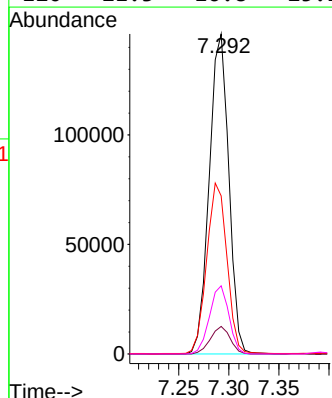
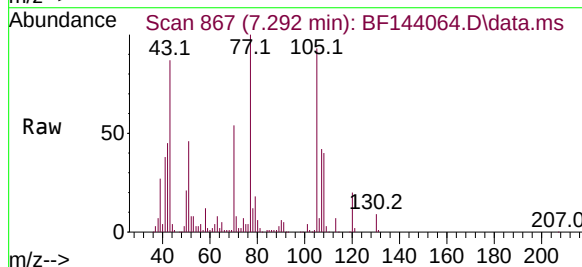
Ion Ratio Lower Upper

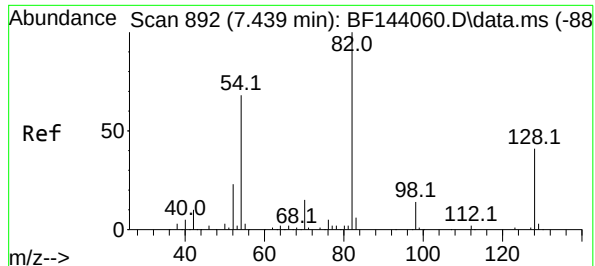
105 100

71 8.6 6.9 10.3

51 49.4 40.6 60.8

120 21.3 16.8 25.2

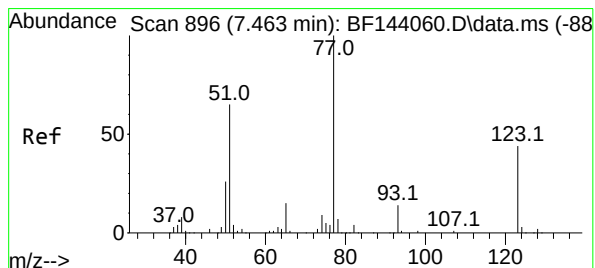
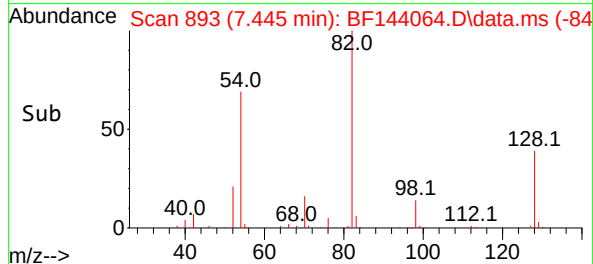
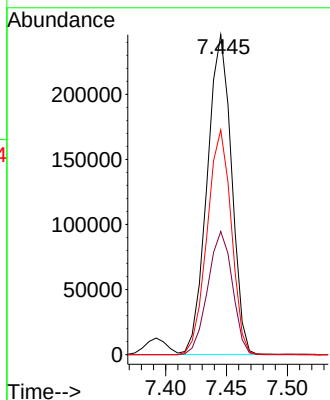
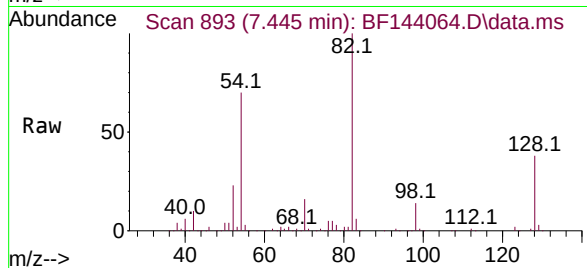




#23  
Nitrobenzene-d5  
Concen: 129.319 ng  
RT: 7.445 min Scan# 893  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

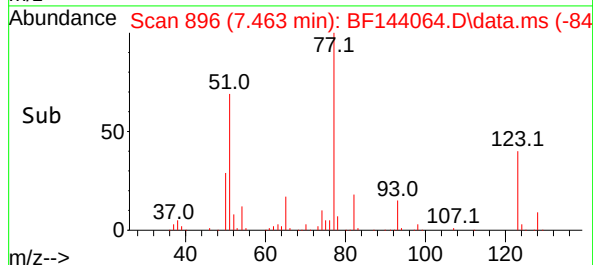
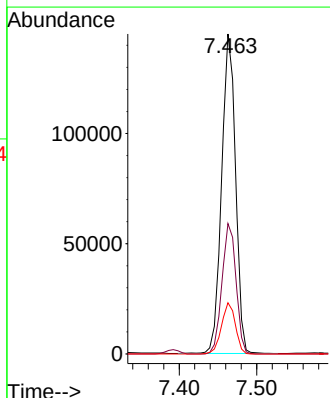
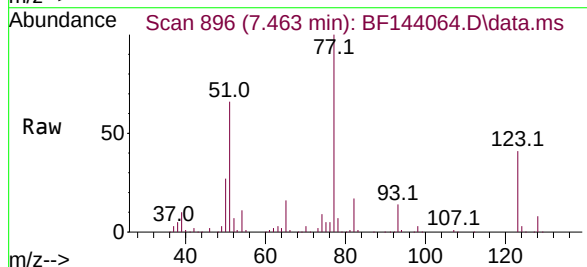
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

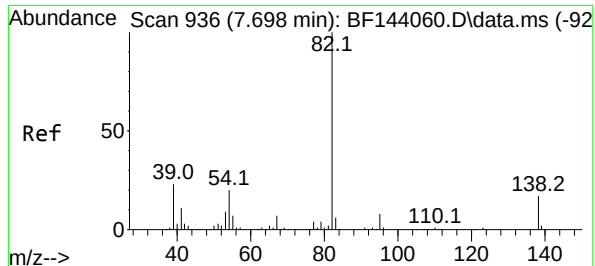
Tgt Ion: 82 Resp: 341936  
Ion Ratio Lower Upper  
82 100  
128 38.5 32.4 48.6  
54 70.2 54.0 81.0



#24  
Nitrobenzene  
Concen: 64.837 ng  
RT: 7.463 min Scan# 896  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion: 77 Resp: 181356  
Ion Ratio Lower Upper  
77 100  
123 40.7 35.0 52.6  
65 16.0 12.2 18.2

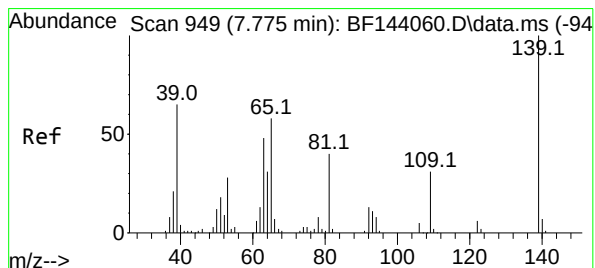
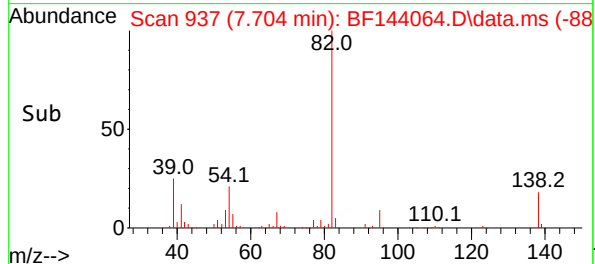
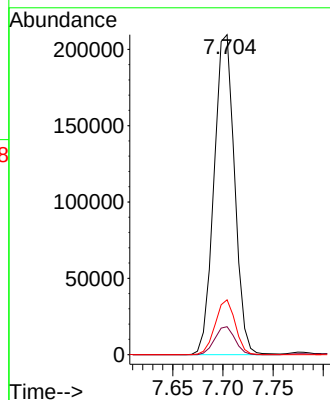
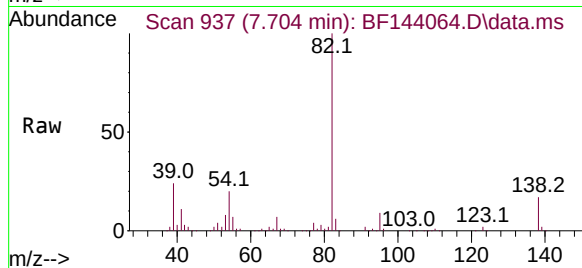




#25  
Isophorone  
Concen: 64.523 ng  
RT: 7.704 min Scan# 936  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

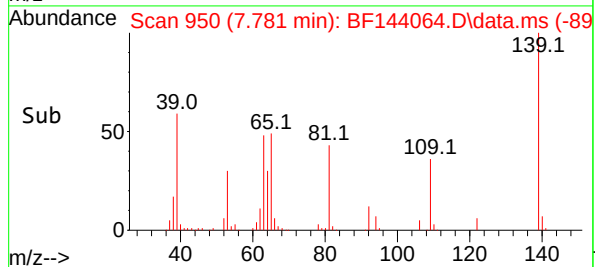
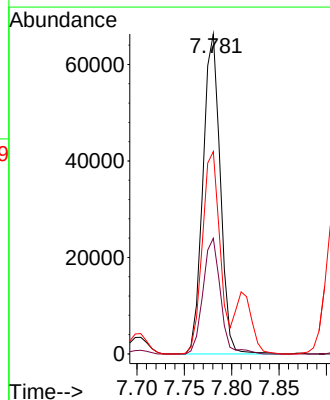
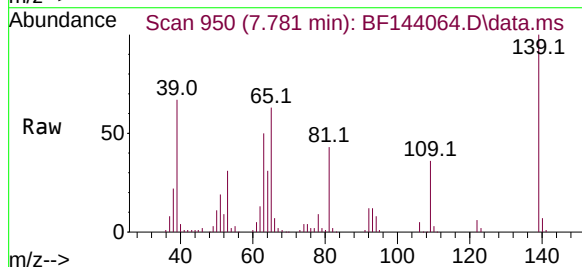
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tgt Ion: 82 Resp: 298273  
Ion Ratio Lower Upper  
82 100  
95 8.7 6.6 9.8  
138 17.1 13.8 20.8

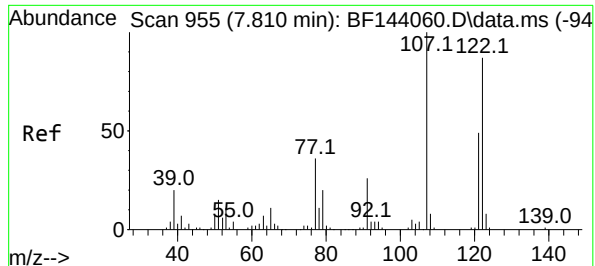


#26  
2-Nitrophenol  
Concen: 63.417 ng  
RT: 7.781 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion: 139 Resp: 84384  
Ion Ratio Lower Upper  
139 100  
109 36.1 24.6 37.0  
65 63.2 46.6 69.8







#27

2,4-Dimethylphenol

Concen: 64.435 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

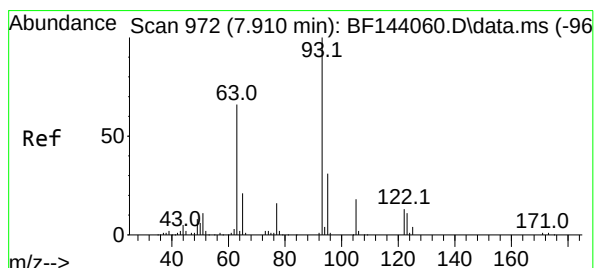
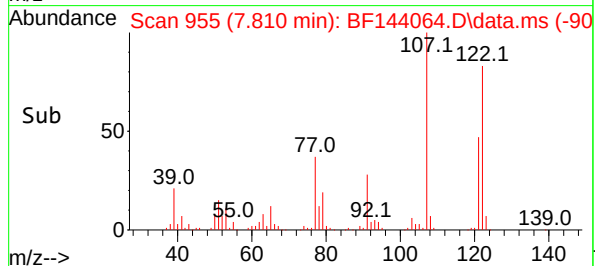
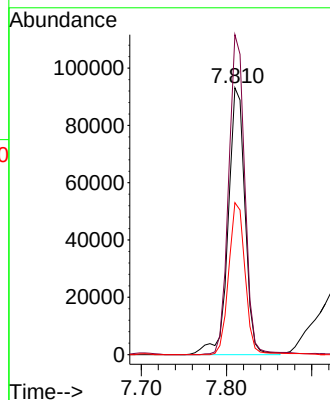
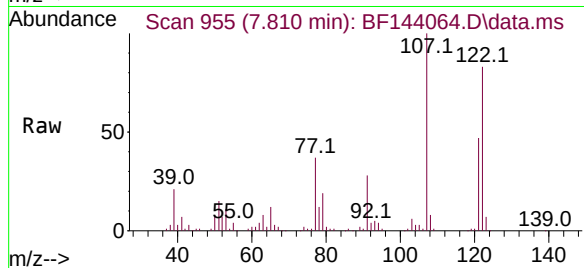
Tgt Ion:122 Resp: 127412

Ion Ratio Lower Upper

122 100

107 120.0 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.737 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

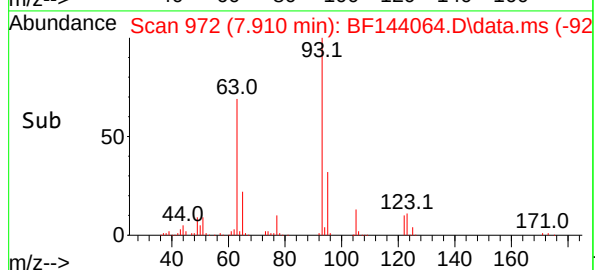
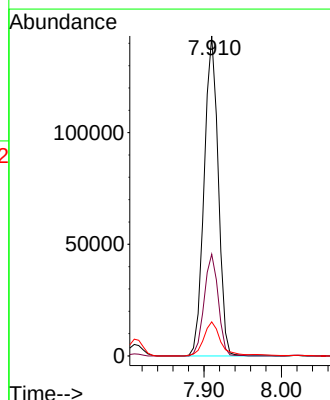
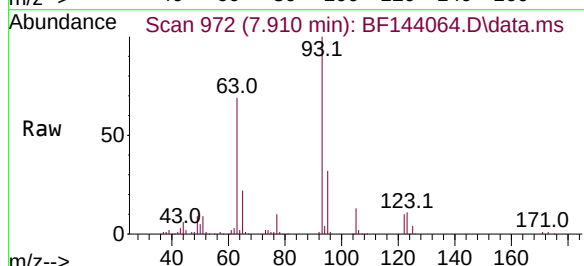
Tgt Ion: 93 Resp: 180863

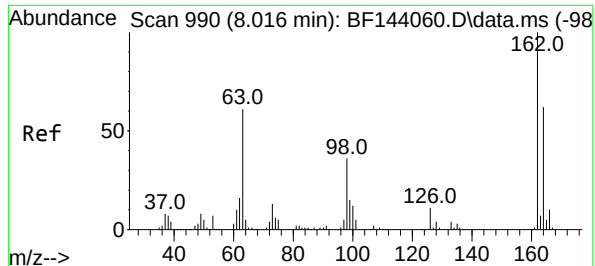
Ion Ratio Lower Upper

93 100

95 31.8 24.6 36.8

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 61.979 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

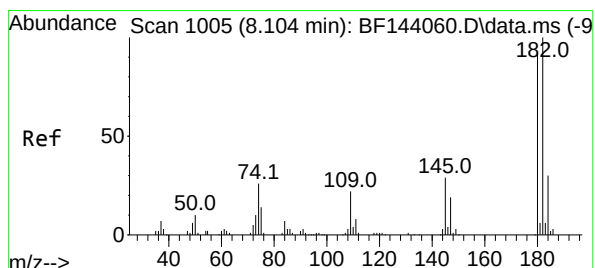
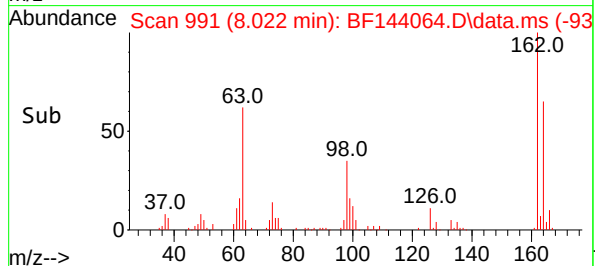
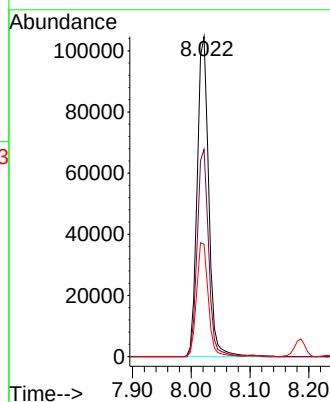
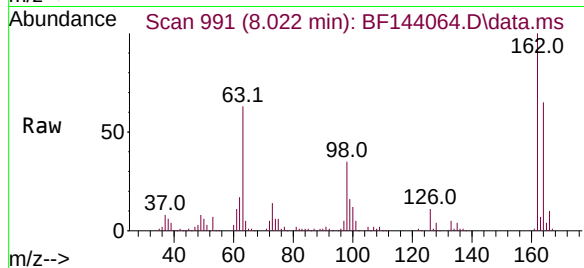
Tgt Ion:162 Resp: 142524

Ion Ratio Lower Upper

162 100

164 64.7 42.1 82.1

98 35.1 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 63.994 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

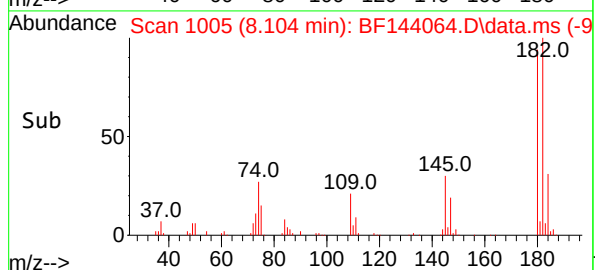
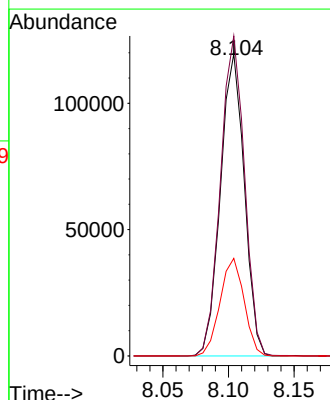
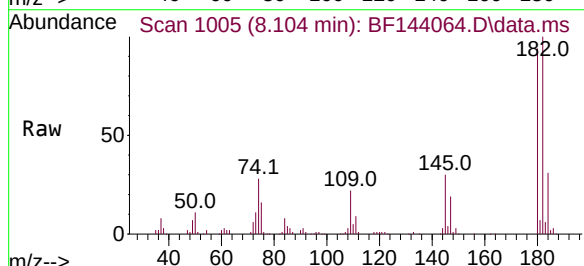
Tgt Ion:180 Resp: 151390

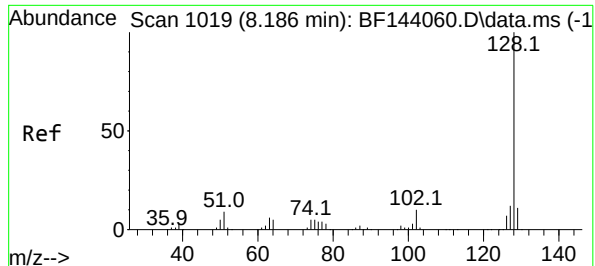
Ion Ratio Lower Upper

180 100

182 105.9 87.1 130.7

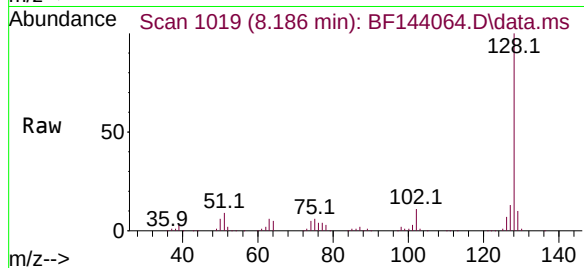
145 32.3 25.3 37.9



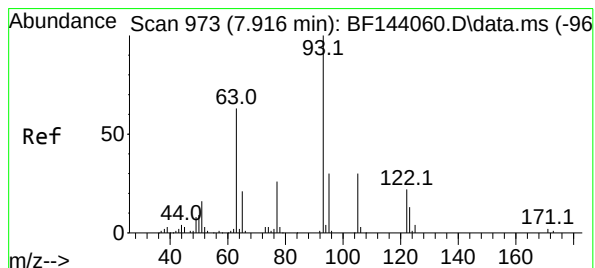
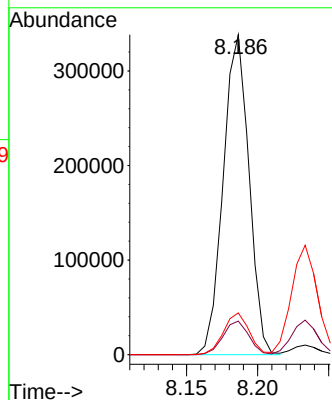
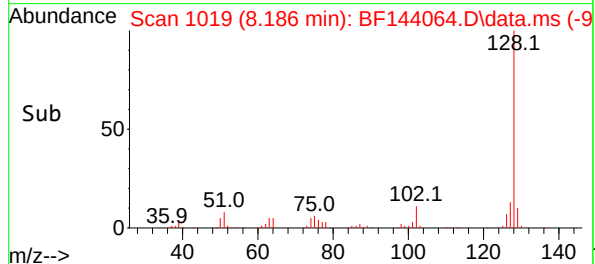


#31  
Naphthalene  
Concen: 62.477 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

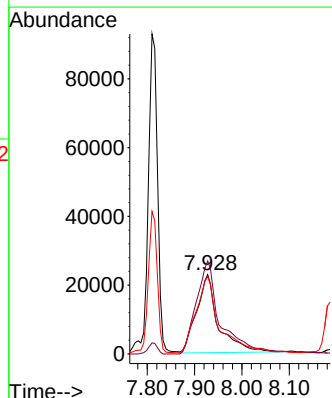
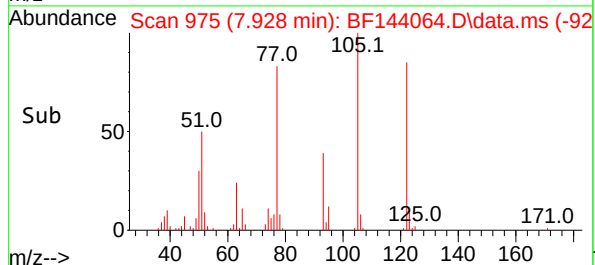
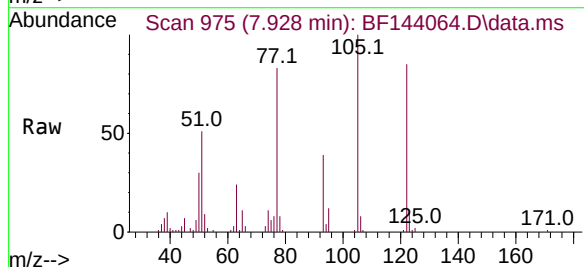


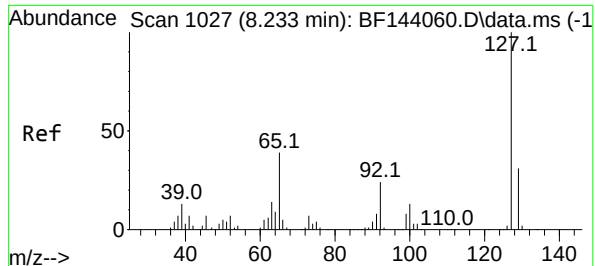
Tgt Ion:128 Resp: 427166  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.4 12.6  
127 13.0 9.9 14.9



#32  
Benzoic acid  
Concen: 58.314 ng  
RT: 7.928 min Scan# 975  
Delta R.T. 0.012 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:122 Resp: 73142  
Ion Ratio Lower Upper  
122 100  
105 117.2 111.3 151.3  
77 97.6 96.7 136.7





#33

4-Chloroaniline

Concen: 62.767 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 149397

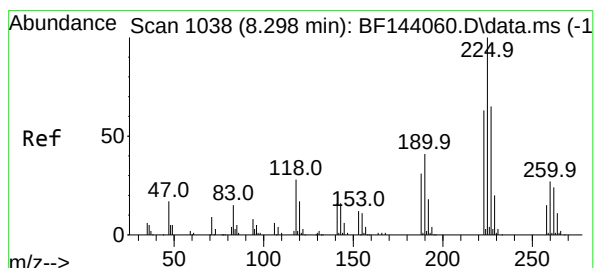
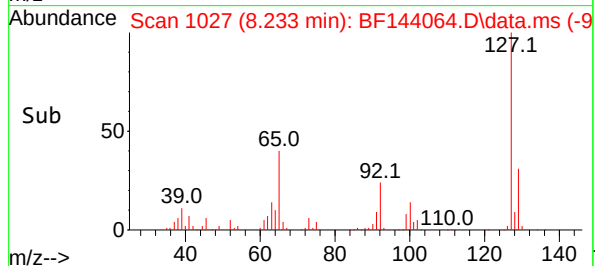
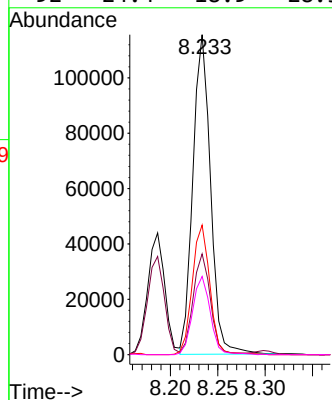
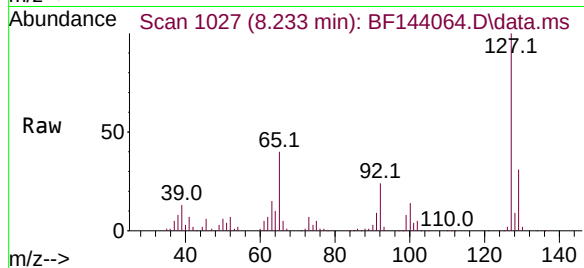
Ion Ratio Lower Upper

127 100

129 31.5 25.6 38.4

65 40.5 30.9 46.3

92 24.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 66.488 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

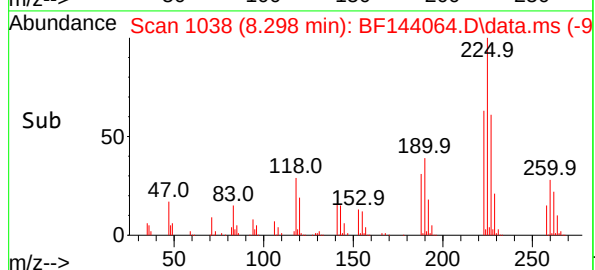
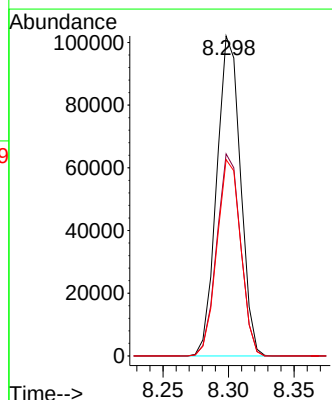
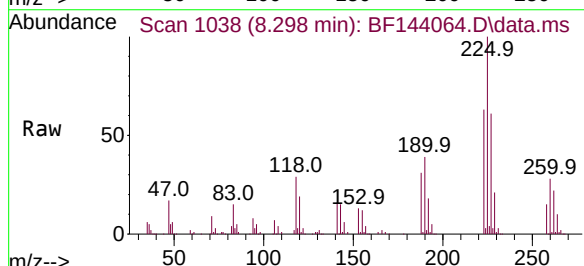
Tgt Ion:225 Resp: 128615

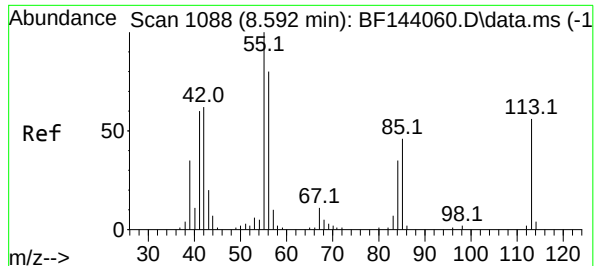
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 61.3 51.8 77.8

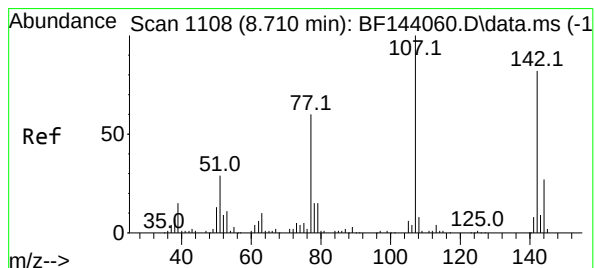
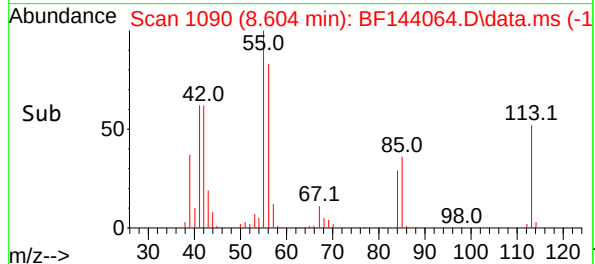
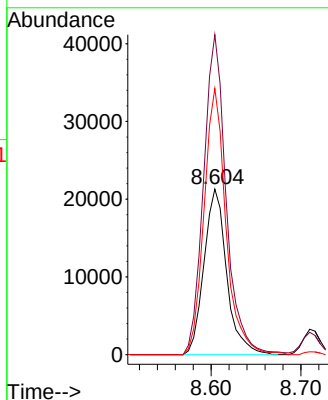
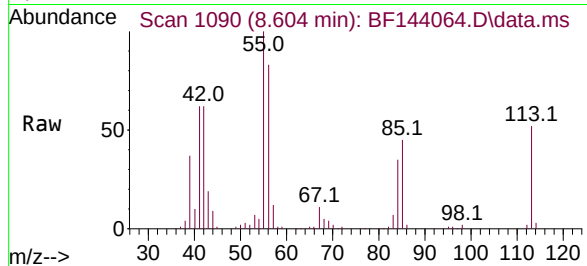




#35  
Caprolactam  
Concen: 64.879 ng  
RT: 8.604 min Scan# 1088  
Delta R.T. 0.012 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

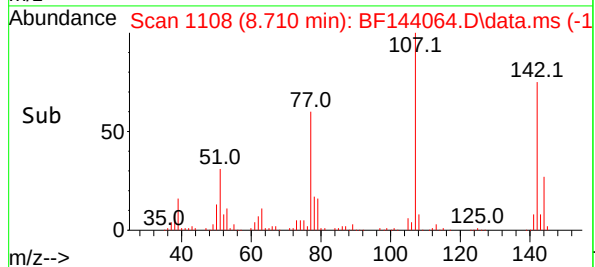
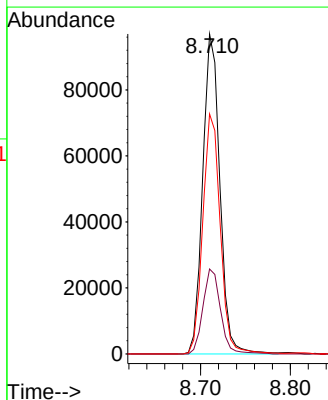
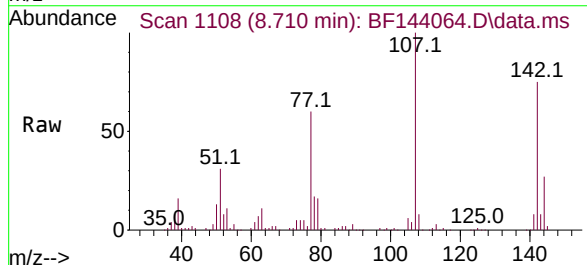
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

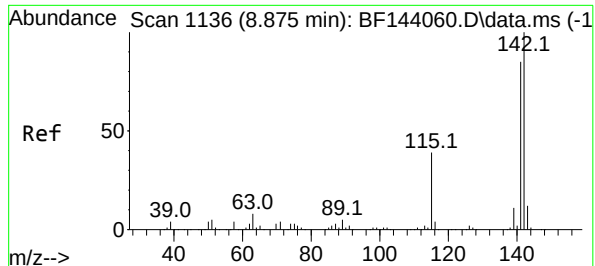
Tgt Ion:113 Resp: 37413  
Ion Ratio Lower Upper  
113 100  
55 193.3 160.1 200.1  
56 160.7 124.9 164.9



#36  
4-Chloro-3-methylphenol  
Concen: 63.473 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:107 Resp: 128805  
Ion Ratio Lower Upper  
107 100  
144 26.5 21.6 32.4  
142 75.0 65.4 98.0

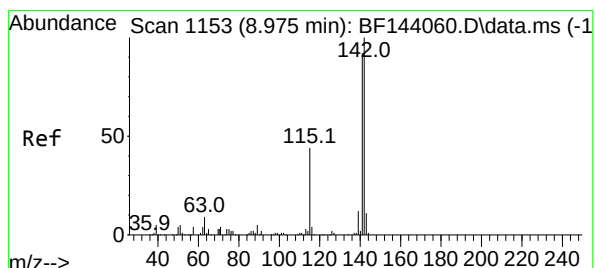
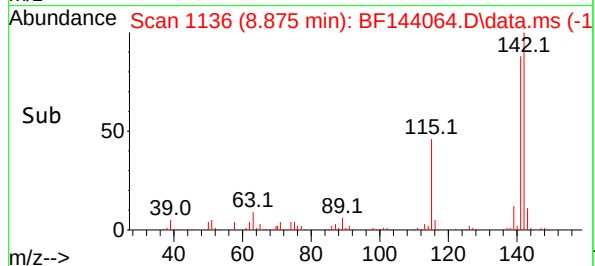
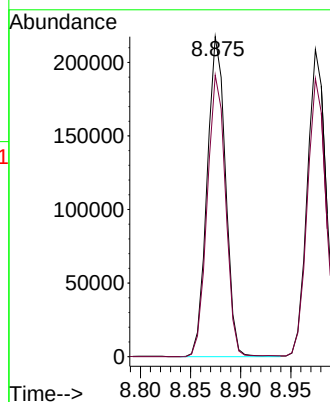
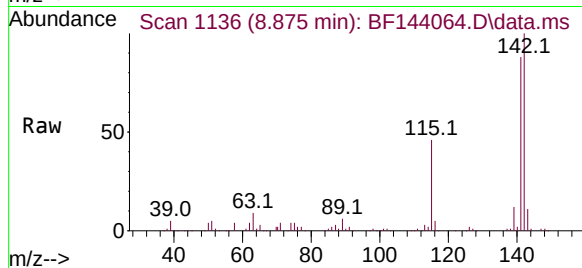




#37  
2-Methylnaphthalene  
Concen: 61.432 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

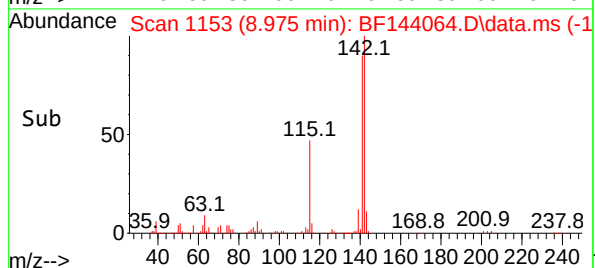
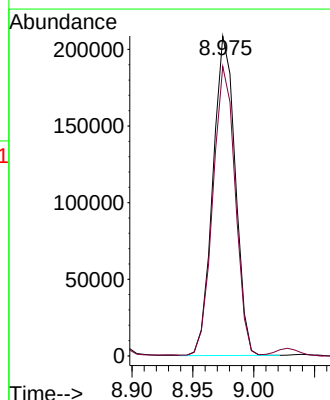
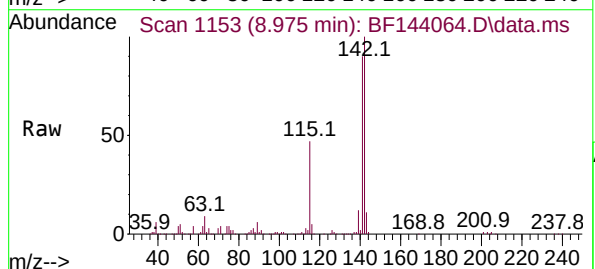
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

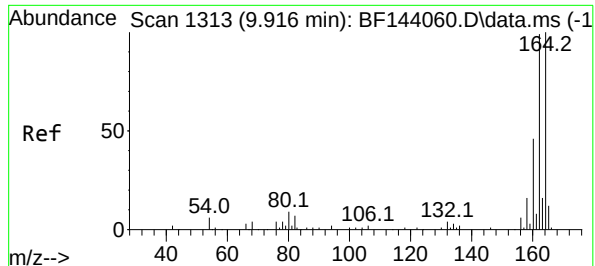
Tgt Ion:142 Resp: 276923  
Ion Ratio Lower Upper  
142 100  
141 88.0 67.6 101.4



#38  
1-Methylnaphthalene  
Concen: 62.174 ng  
RT: 8.975 min Scan# 1153  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:142 Resp: 265532  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

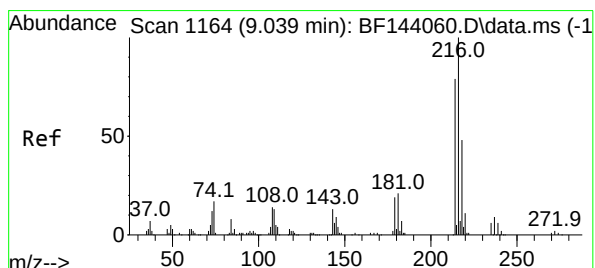
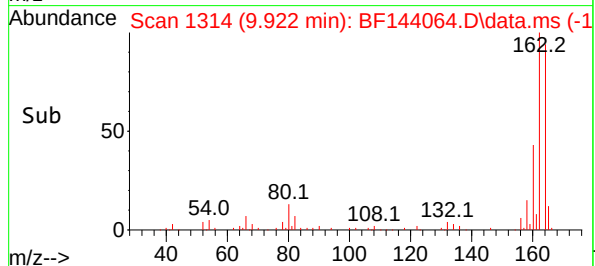
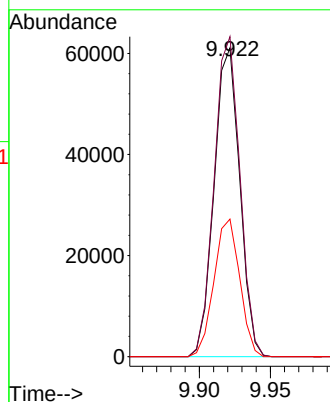
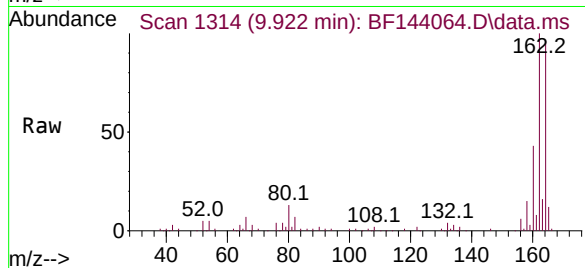
Tgt Ion:164 Resp: 76683

Ion Ratio Lower Upper

164 100

162 103.7 79.4 119.2

160 44.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.495 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:216 Resp: 164703

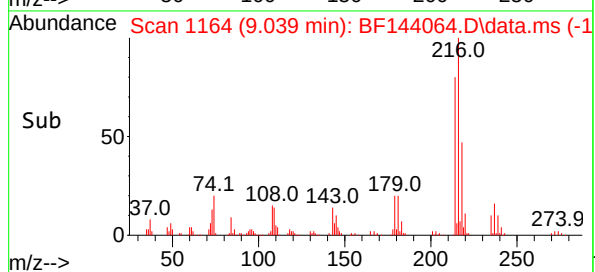
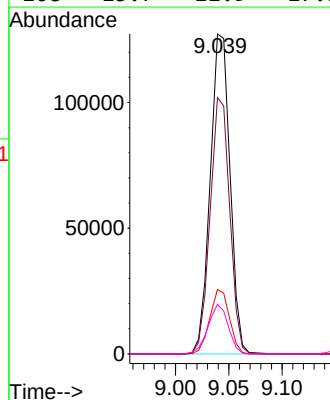
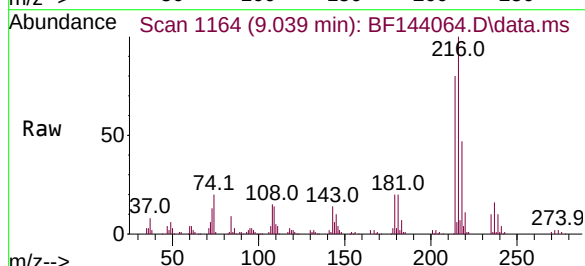
Ion Ratio Lower Upper

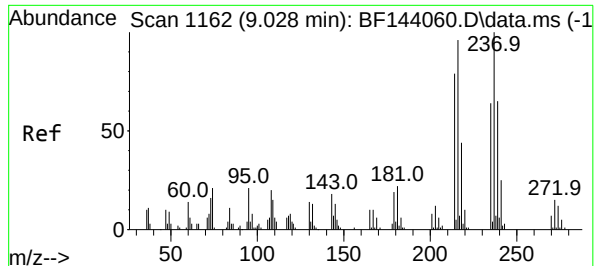
216 100

214 79.2 63.2 94.8

179 19.9 15.2 22.8

108 15.7 11.9 17.9

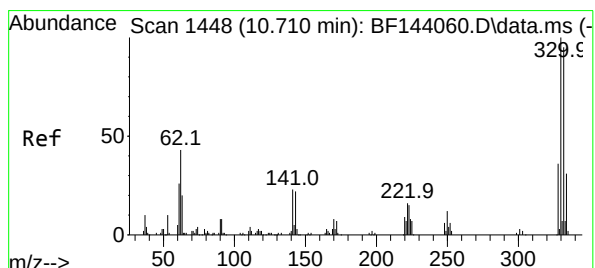
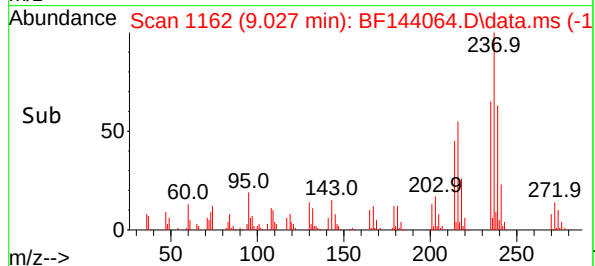
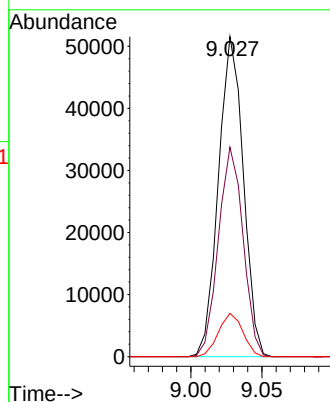
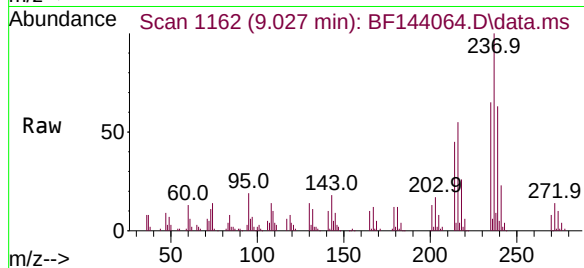




#41  
Hexachlorocyclopentadiene  
Concen: 77.248 ng  
RT: 9.027 min Scan# 1162  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

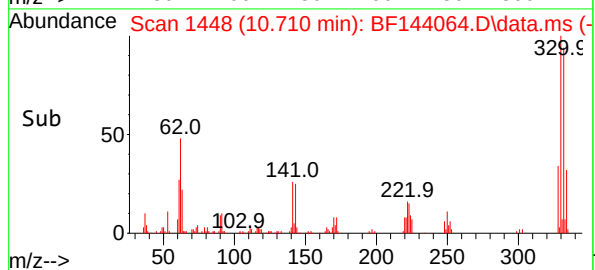
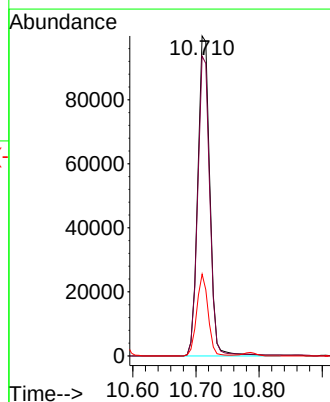
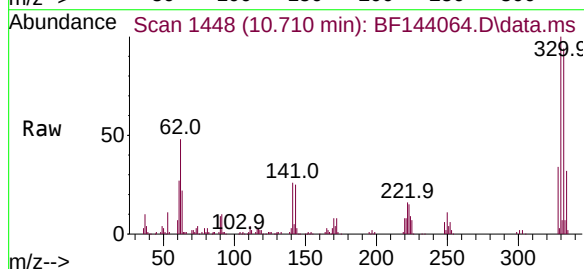
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tgt Ion:237 Resp: 62879  
Ion Ratio Lower Upper  
237 100  
235 65.4 44.3 84.3  
272 13.5 0.0 35.2

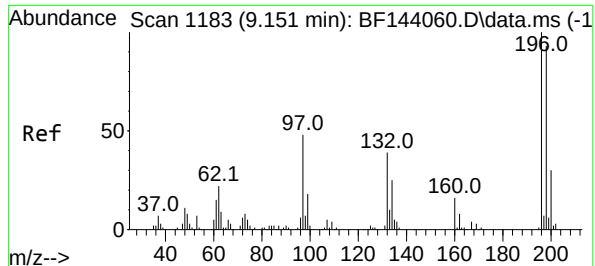


#42  
2,4,6-Tribromophenol  
Concen: 135.953 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:330 Resp: 132798  
Ion Ratio Lower Upper  
330 100  
332 93.2 77.0 115.6  
141 24.0 19.4 29.0







#43

2,4,6-Trichlorophenol

Concen: 65.103 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

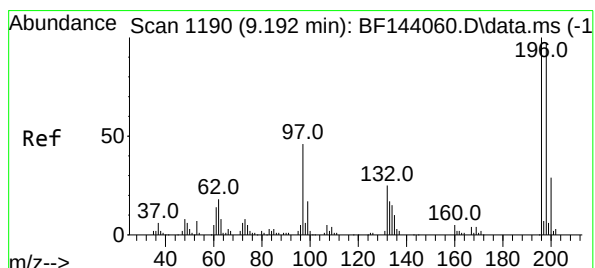
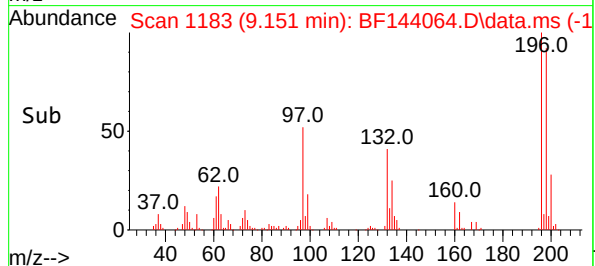
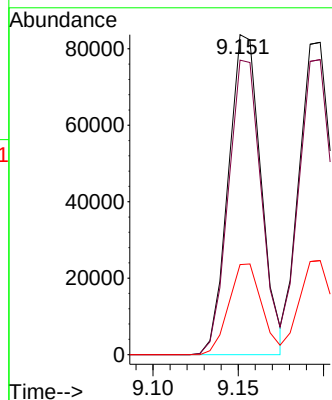
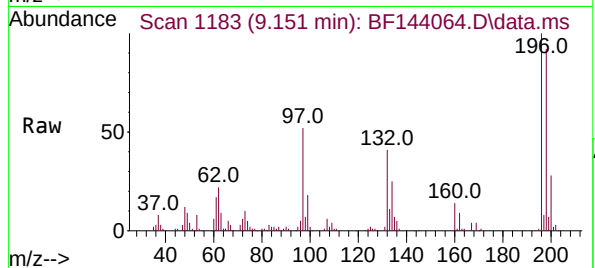
Tgt Ion:196 Resp: 111523

Ion Ratio Lower Upper

196 100

198 92.0 74.4 111.6

200 28.2 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 65.377 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:196 Resp: 117536

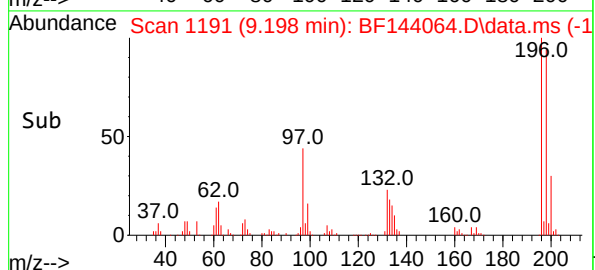
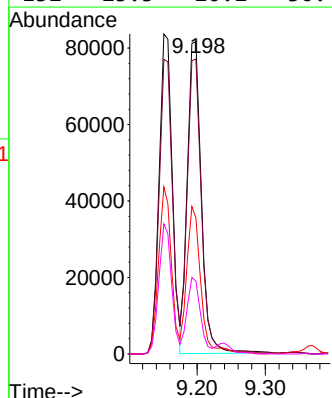
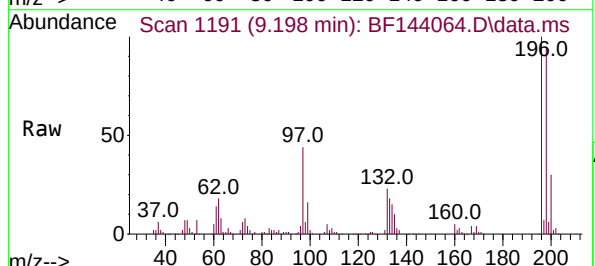
Ion Ratio Lower Upper

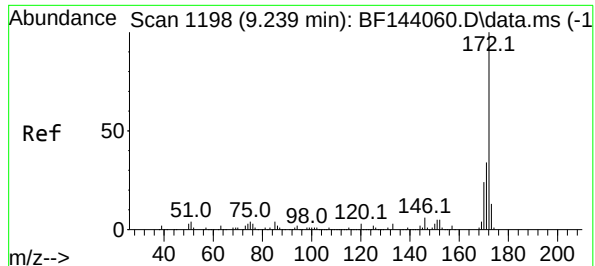
196 100

198 94.5 78.0 117.0

97 43.6 37.7 56.5

132 23.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 124.361 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

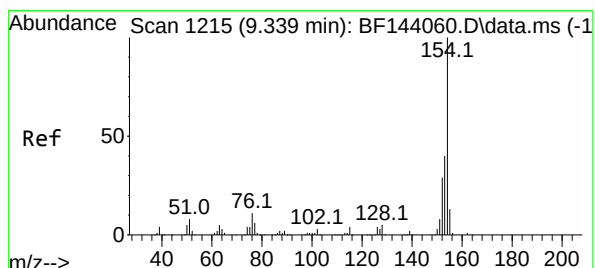
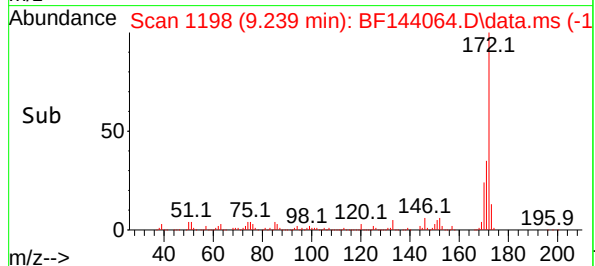
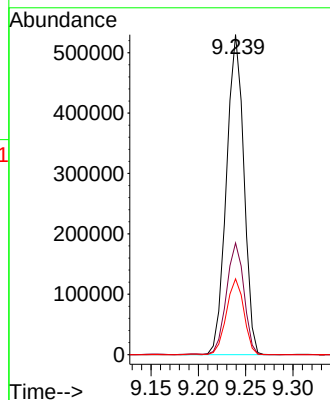
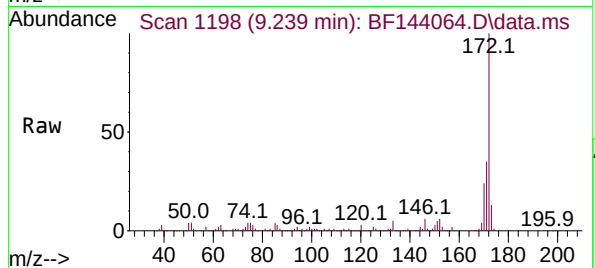
Tgt Ion:172 Resp: 677674

Ion Ratio Lower Upper

172 100

171 34.9 27.5 41.3

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 61.621 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

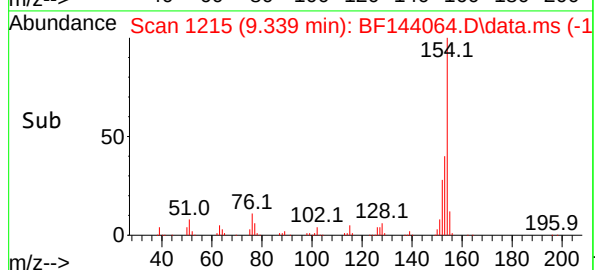
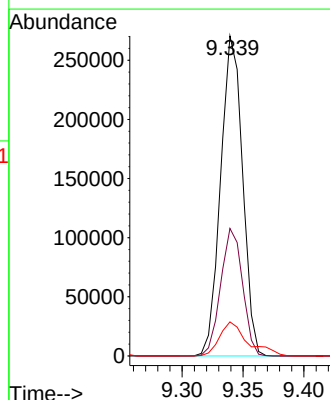
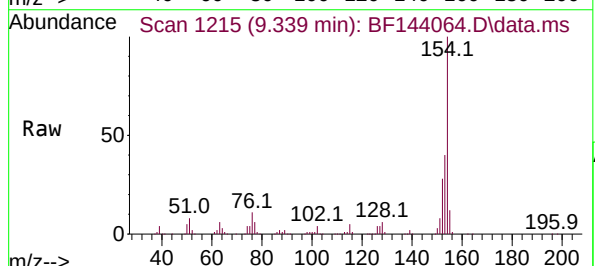
Tgt Ion:154 Resp: 338254

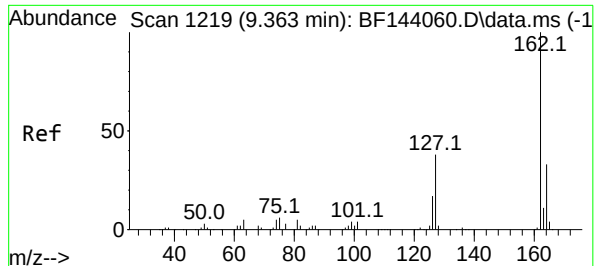
Ion Ratio Lower Upper

154 100

153 39.8 19.7 59.7

76 10.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 62.514 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

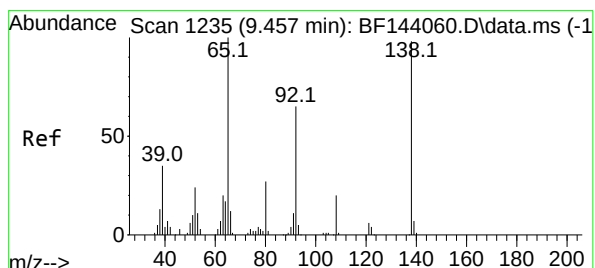
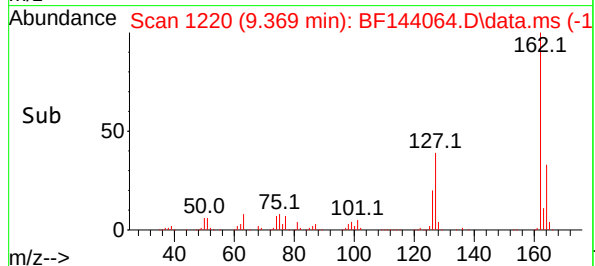
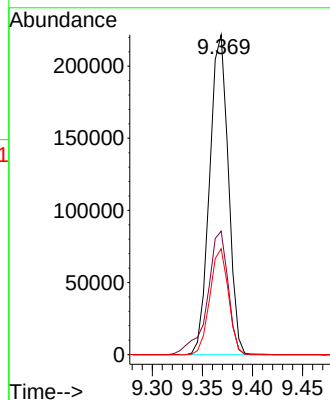
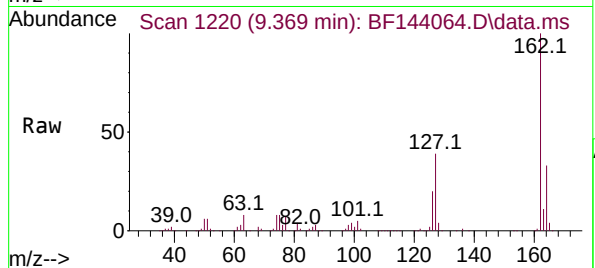
Tgt Ion:162 Resp: 287490

Ion Ratio Lower Upper

162 100

127 38.6 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 67.272 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

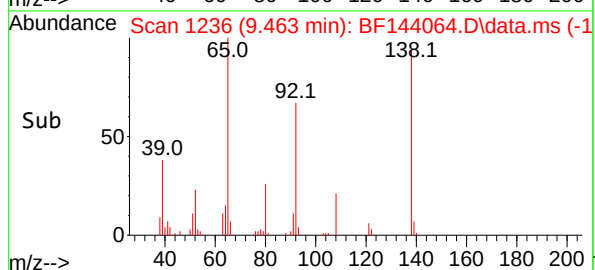
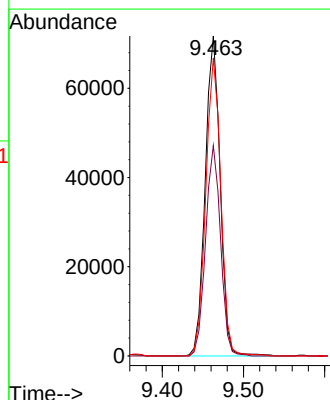
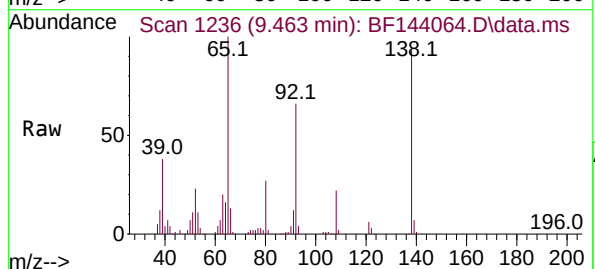
Tgt Ion: 65 Resp: 91867

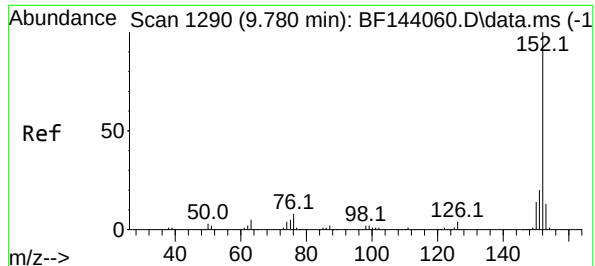
Ion Ratio Lower Upper

65 100

92 65.7 52.3 78.5

138 93.1 78.3 117.5





#49

Acenaphthylene

Concen: 61.895 ng

RT: 9.780 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

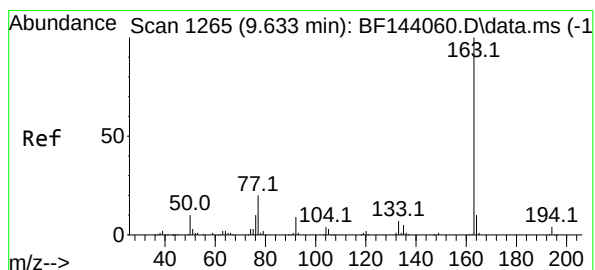
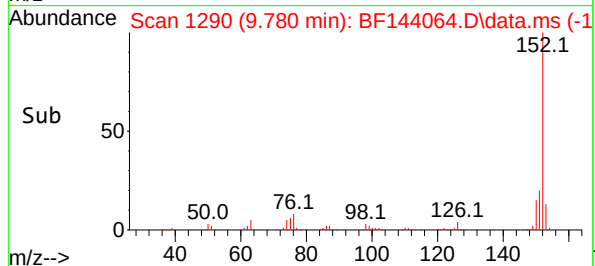
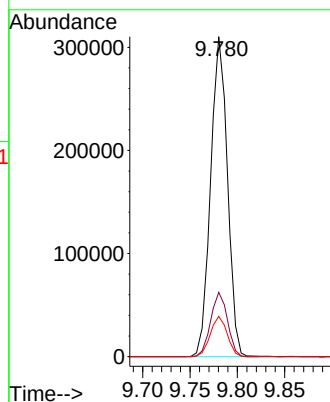
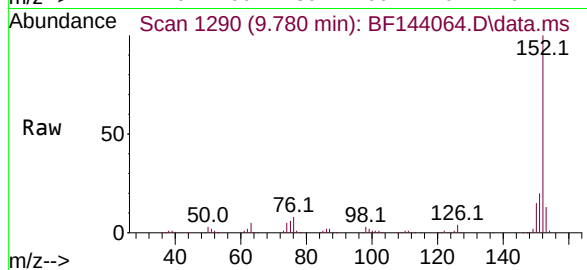
Tgt Ion:152 Resp: 383800

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 63.485 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

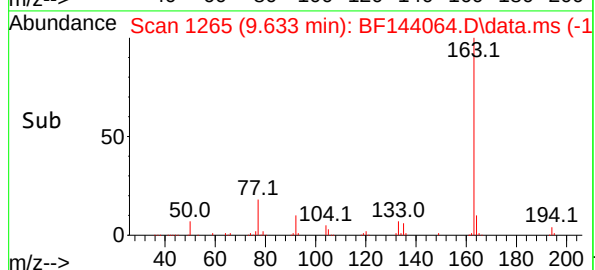
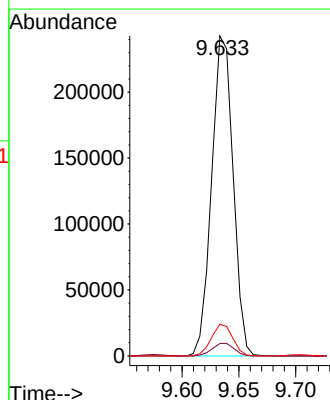
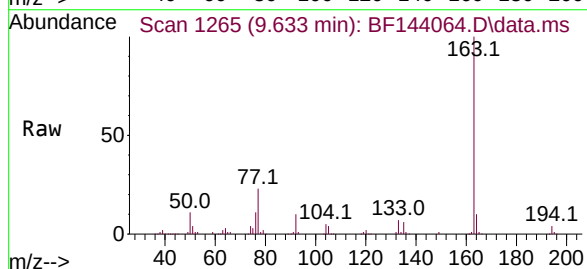
Tgt Ion:163 Resp: 319101

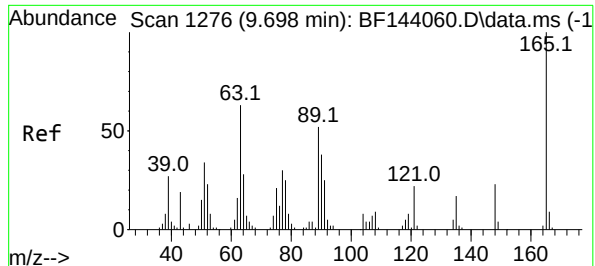
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 66.619 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

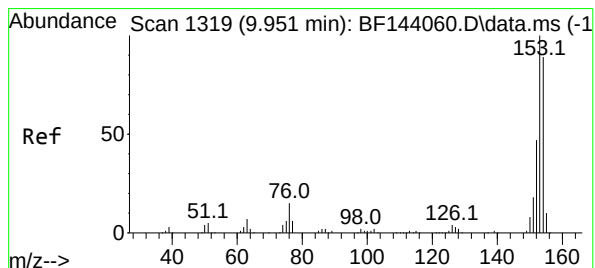
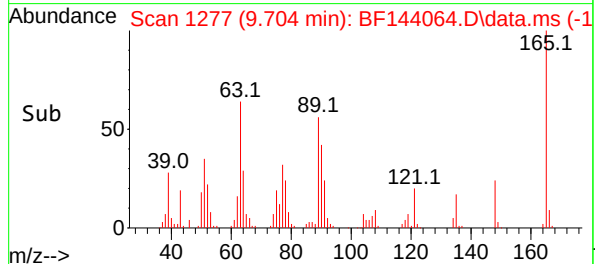
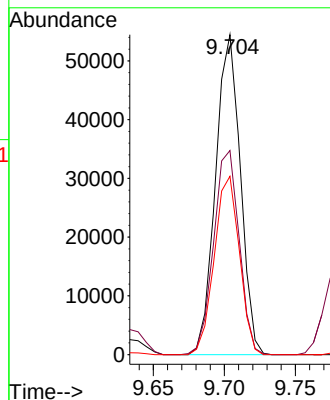
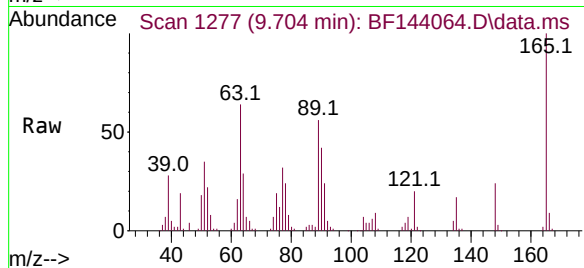
Tgt Ion:165 Resp: 66198

Ion Ratio Lower Upper

165 100

63 63.8 50.4 75.6

89 55.7 41.4 62.2



#52

Acenaphthene

Concen: 62.331 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

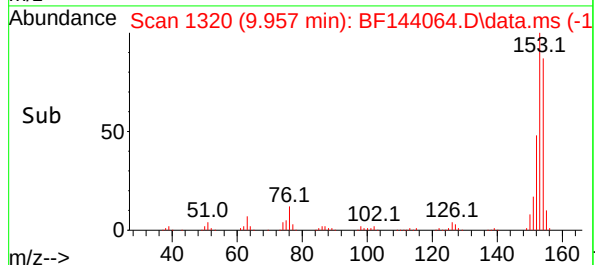
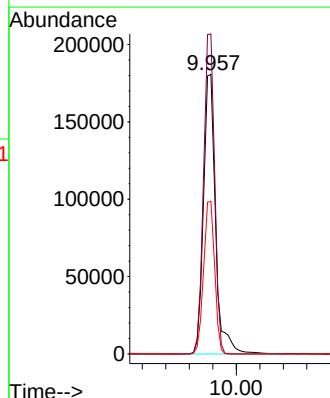
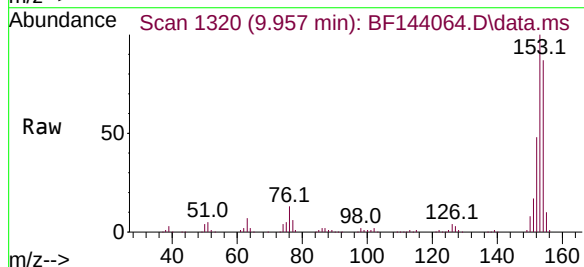
Tgt Ion:154 Resp: 258125

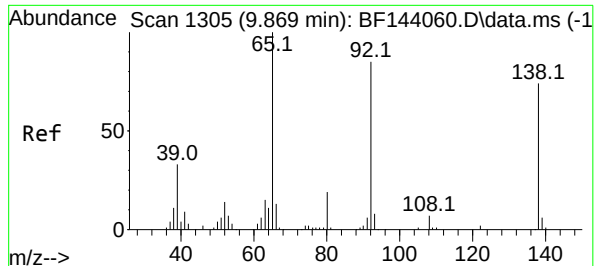
Ion Ratio Lower Upper

154 100

153 114.5 89.9 134.9

152 54.6 42.0 63.0

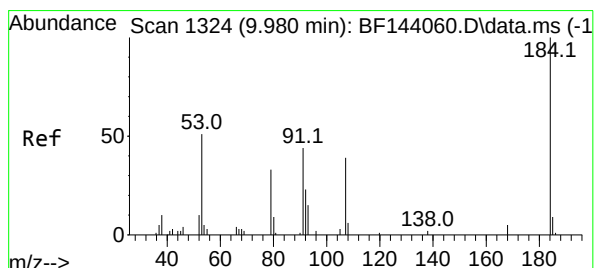
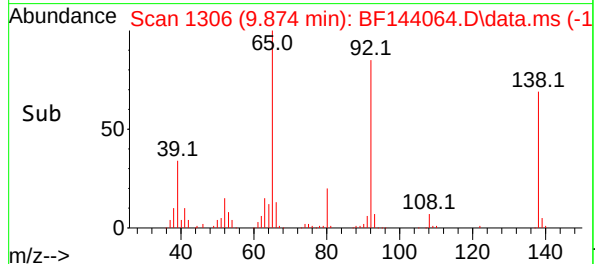
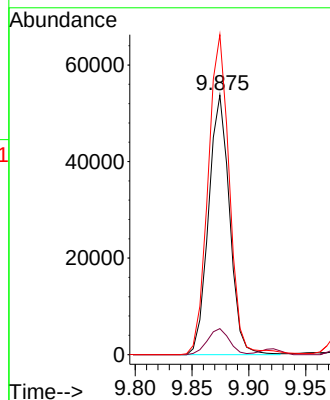
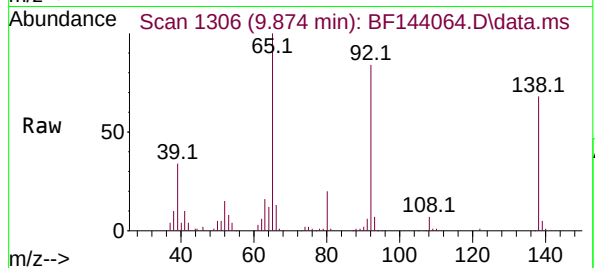




#53  
3-Nitroaniline  
Concen: 62.642 ng  
RT: 9.874 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

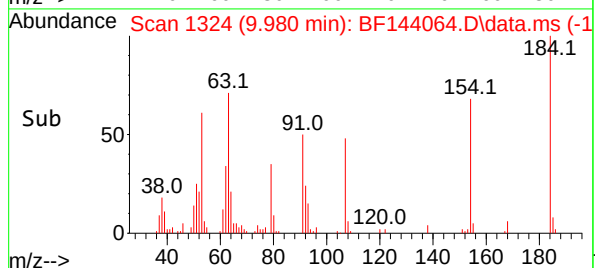
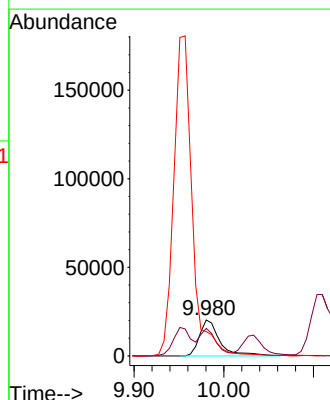
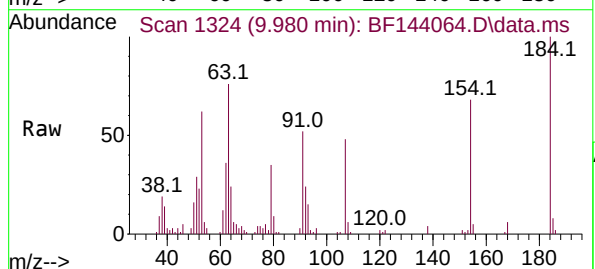
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

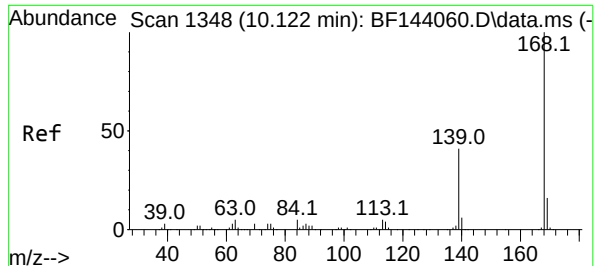
Tgt Ion:138 Resp: 69206  
Ion Ratio Lower Upper  
138 100  
108 10.0 7.9 11.9  
92 123.3 92.0 138.0



#54  
2,4-Dinitrophenol  
Concen: 59.508 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:184 Resp: 31982  
Ion Ratio Lower Upper  
184 100  
63 76.4 52.1 78.1  
154 67.6 47.9 71.9

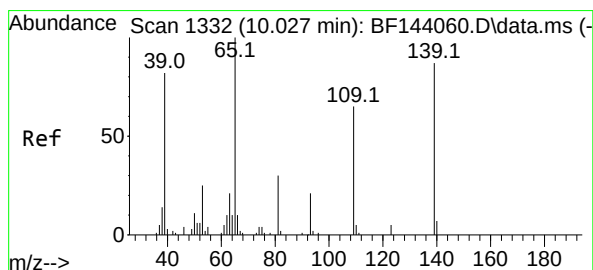
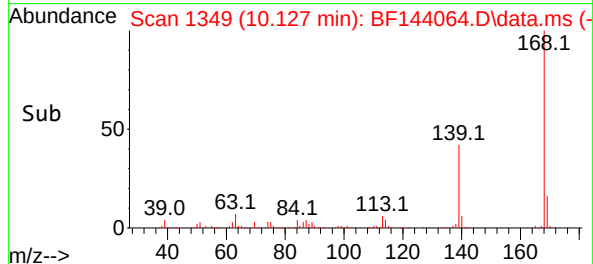
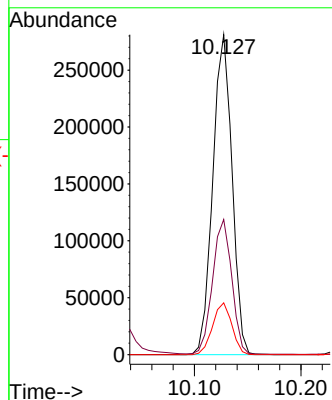
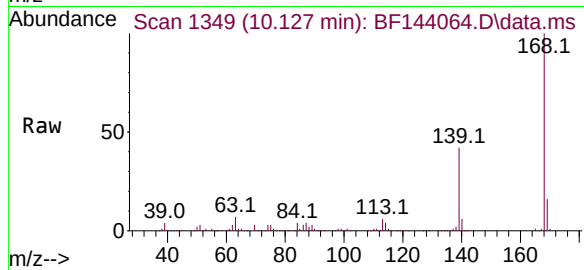




#55  
Dibenzenofuran  
Concen: 61.440 ng  
RT: 10.127 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

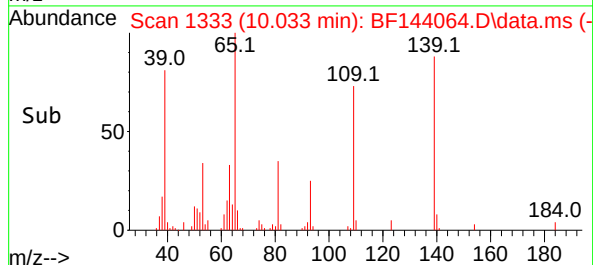
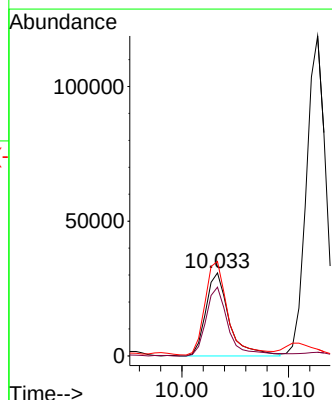
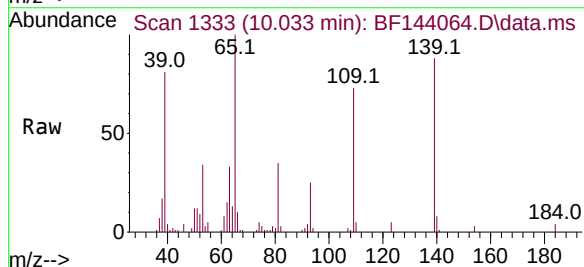
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

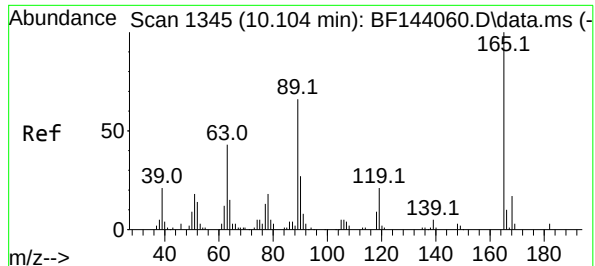
Tgt Ion:168 Resp: 353228  
Ion Ratio Lower Upper  
168 100  
139 42.2 33.2 49.8  
169 16.2 12.6 19.0



#56  
4-Nitrophenol  
Concen: 62.136 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:139 Resp: 46485  
Ion Ratio Lower Upper  
139 100  
109 82.7 53.8 93.8  
65 113.8 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 66.833 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 89630

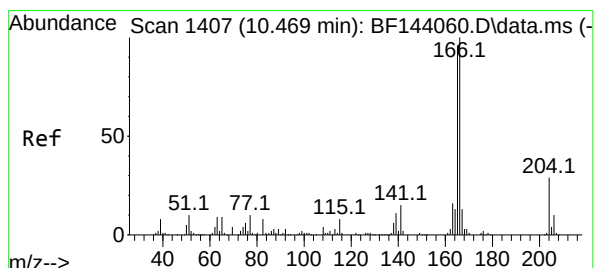
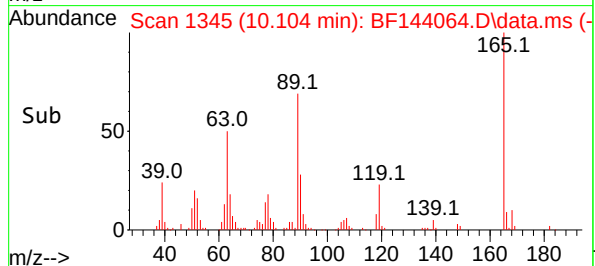
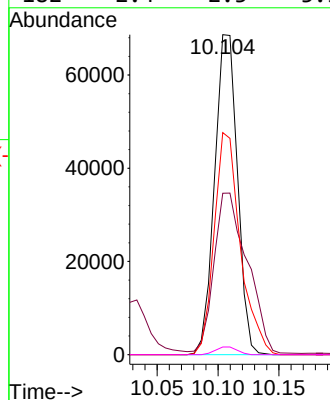
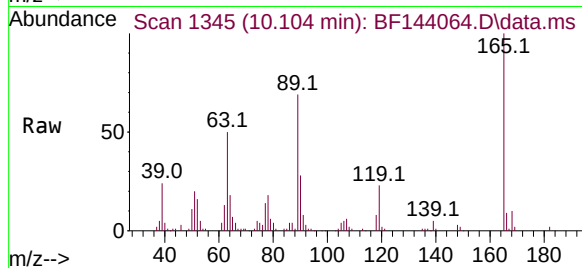
Ion Ratio Lower Upper

165 100

63 50.4 35.4 53.2

89 69.4 52.7 79.1

182 2.4 2.3 3.5



#58

Fluorene

Concen: 60.997 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

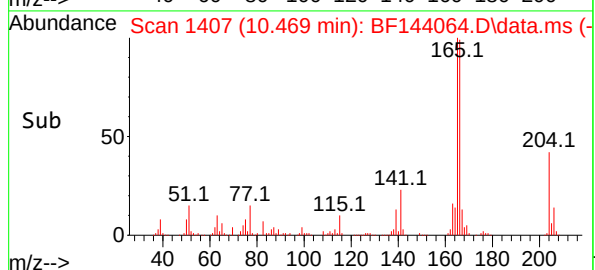
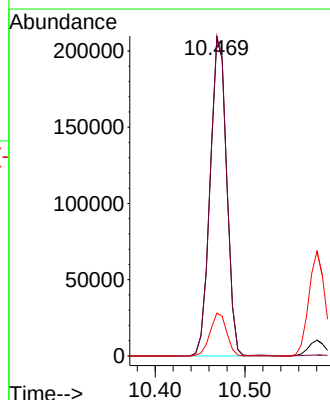
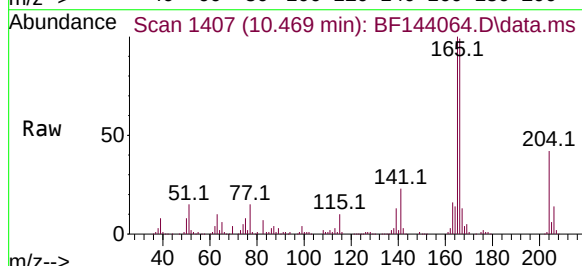
Tgt Ion:166 Resp: 267202

Ion Ratio Lower Upper

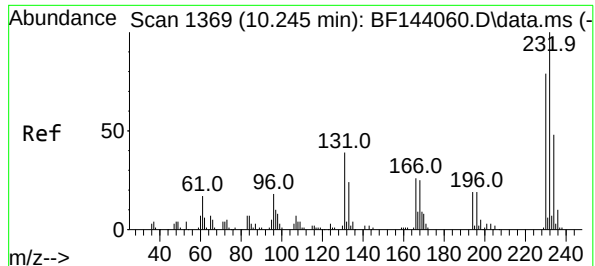
166 100

165 101.0 77.0 115.4

167 13.5 10.2 15.4



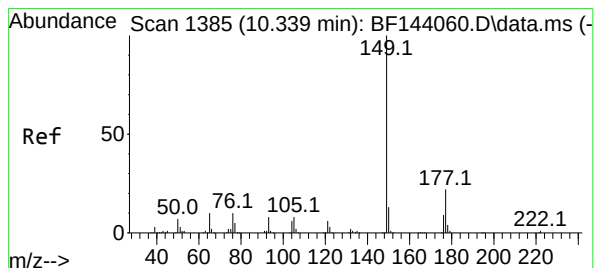
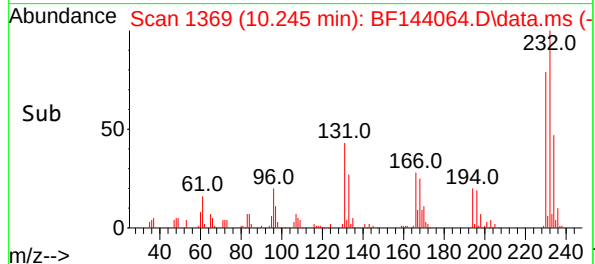
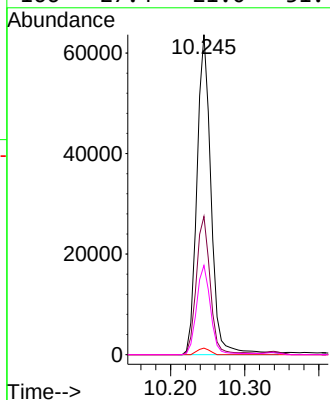
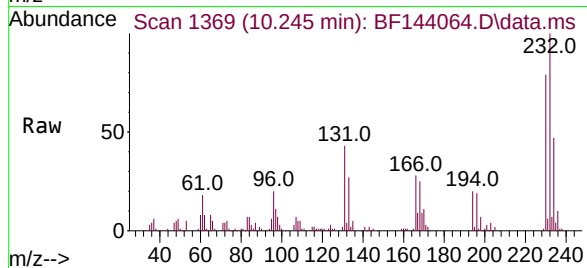




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 66.502 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

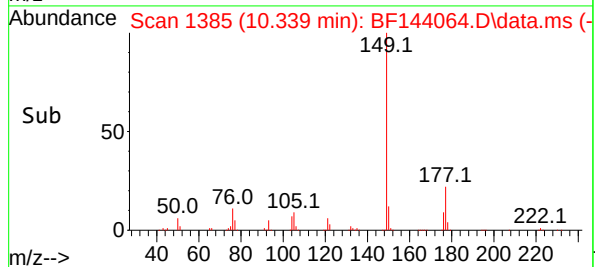
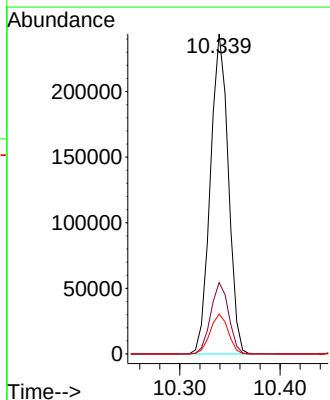
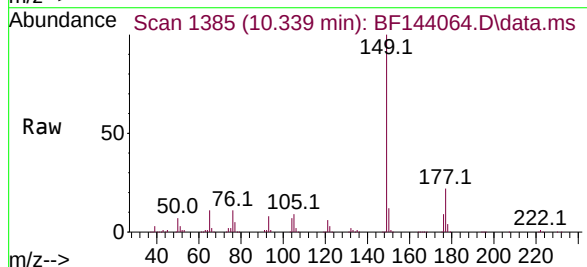
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

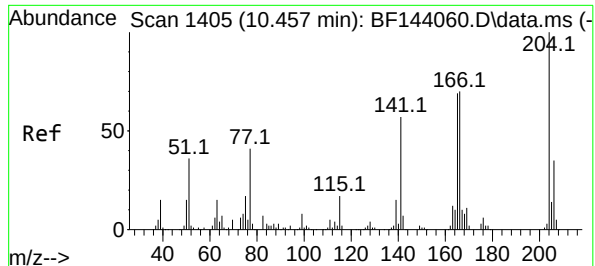
Tgt Ion:232 Resp: 84250  
Ion Ratio Lower Upper  
232 100  
131 42.7 31.9 47.9  
130 1.8 1.1 1.7#  
166 27.4 21.0 31.4



#60  
Diethylphthalate  
Concen: 64.138 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:149 Resp: 303176  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.8 26.6  
150 12.5 10.1 15.1

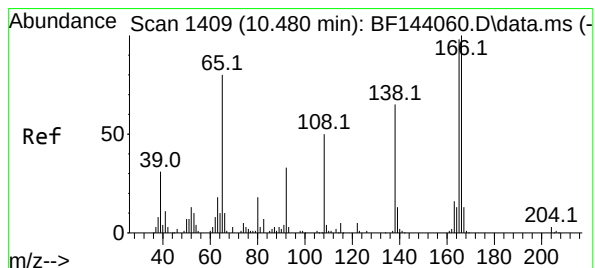
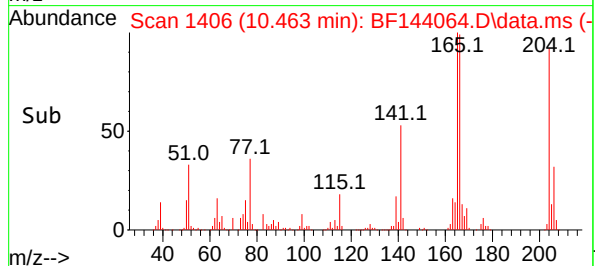
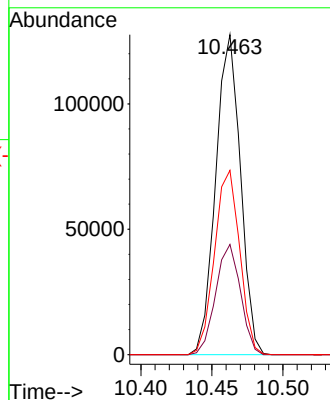
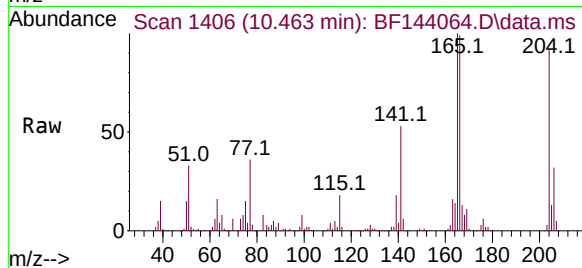




#61  
4-Chlorophenyl-phenylether  
Concen: 62.927 ng  
RT: 10.463 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

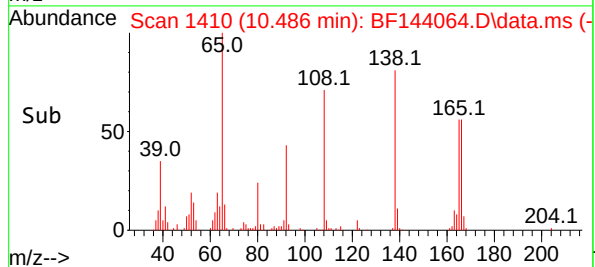
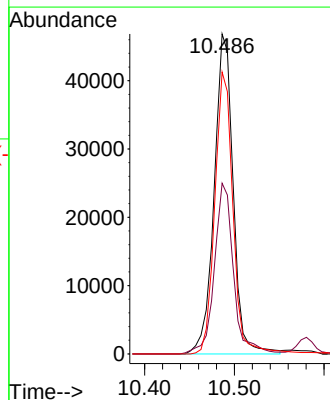
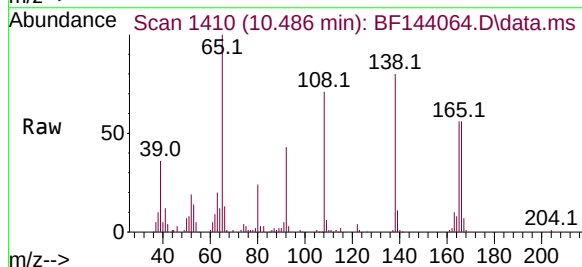
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

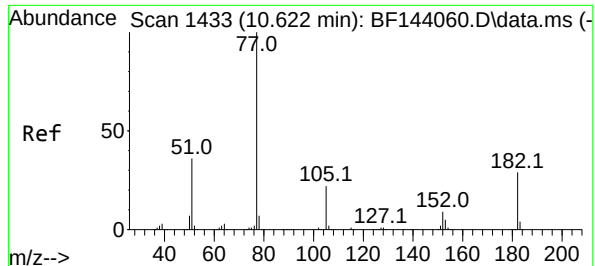
Tgt Ion:204 Resp: 155019  
Ion Ratio Lower Upper  
204 100  
206 34.4 27.8 41.6  
141 57.6 45.4 68.2



#62  
4-Nitroaniline  
Concen: 65.819 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:138 Resp: 68899  
Ion Ratio Lower Upper  
138 100  
92 53.3 30.5 70.5  
108 88.1 56.2 96.2

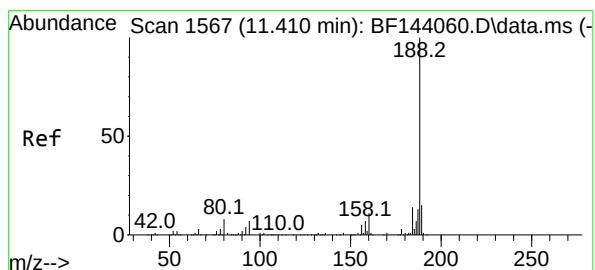
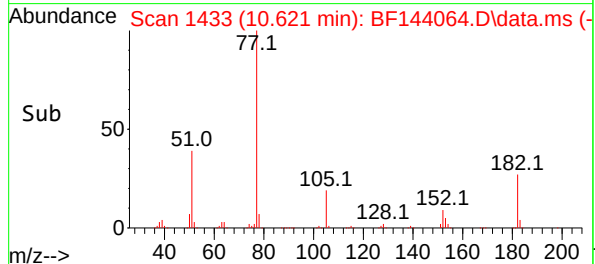
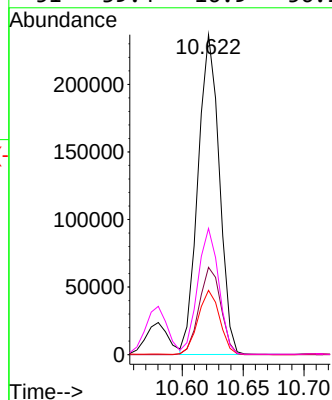
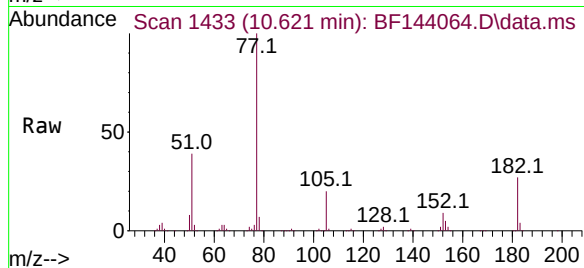




#63  
Azobenzene  
Concen: 64.412 ng  
RT: 10.621 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

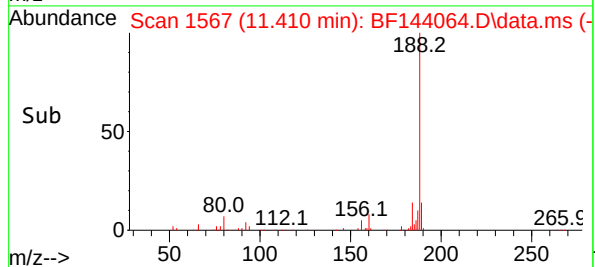
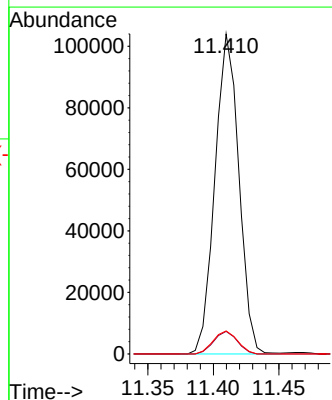
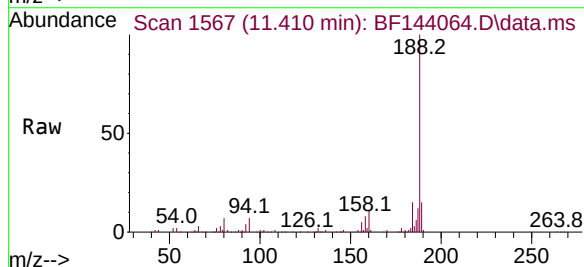
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

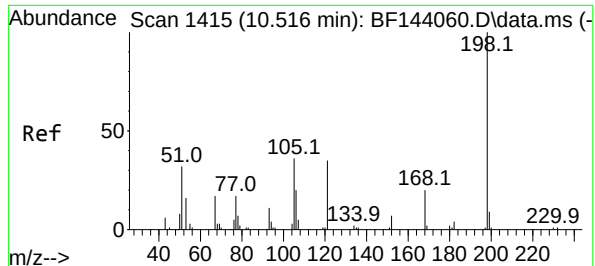
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 288180 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.3  | 9.0   | 49.0   |
| 105      | 20.1  | 1.4   | 41.4   |
| 51       | 39.4  | 16.9  | 56.9   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 132038 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.0   | 5.4   | 8.0    |
| 80       | 7.2   | 6.0   | 9.0    |

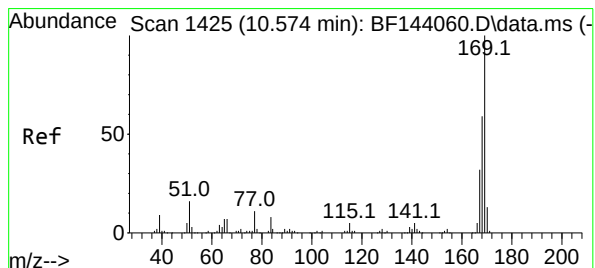
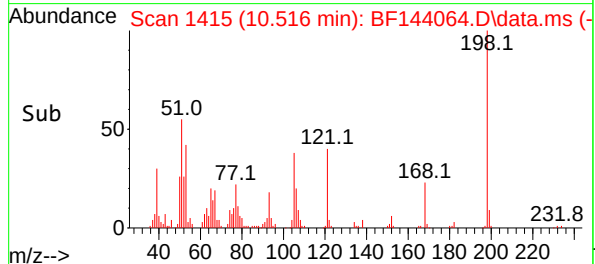
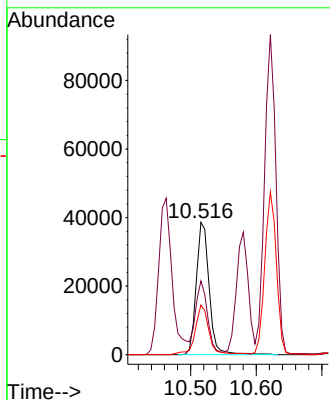
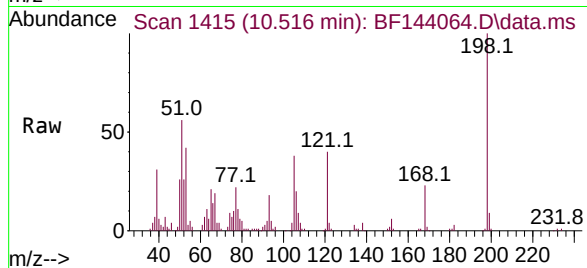




#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.785 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

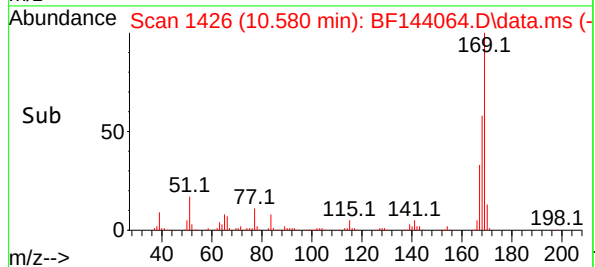
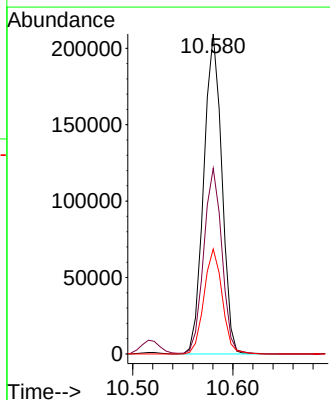
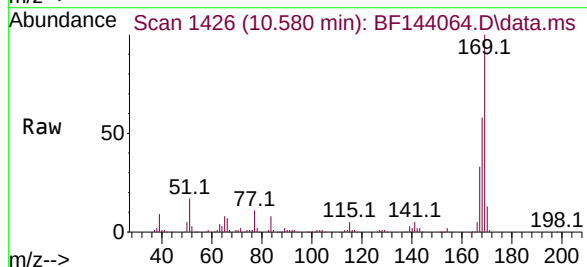
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

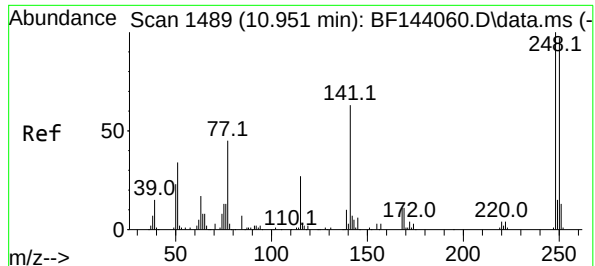
Tgt Ion:198 Resp: 52340  
Ion Ratio Lower Upper  
198 100  
51 55.8 25.8 65.8  
105 37.5 17.2 57.2



#66  
n-Nitrosodiphenylamine  
Concen: 61.911 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:169 Resp: 261183  
Ion Ratio Lower Upper  
169 100  
168 58.0 47.4 71.2  
167 32.8 25.5 38.3

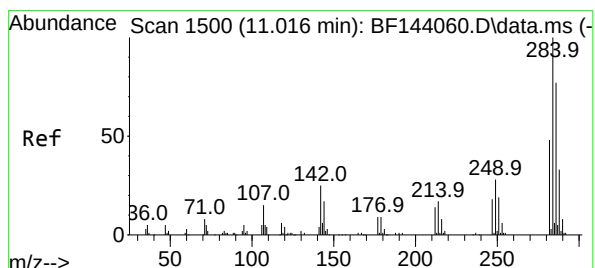
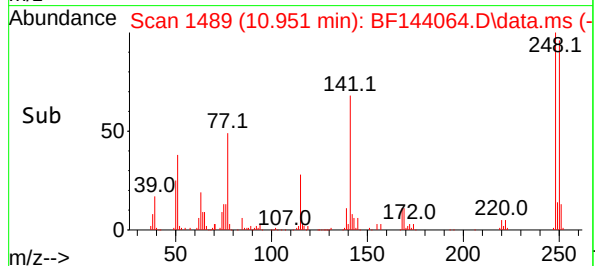
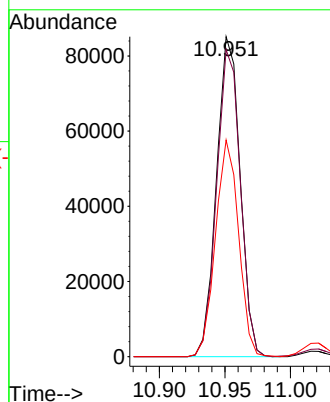
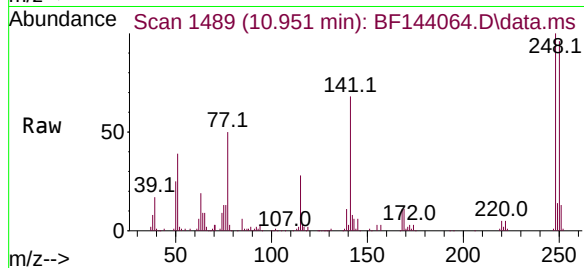




#67  
4-Bromophenyl-phenylether  
Concen: 64.641 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

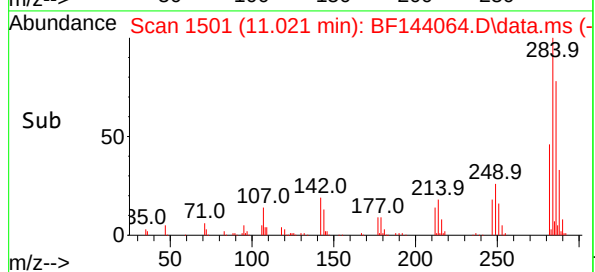
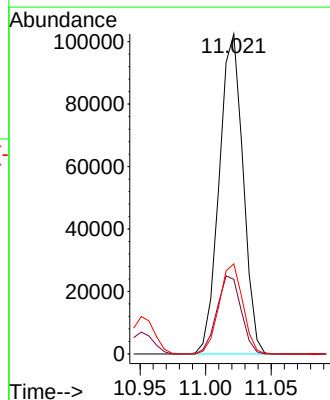
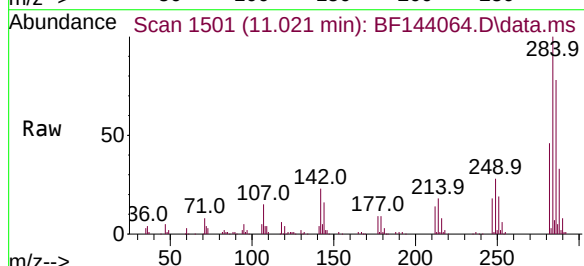
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

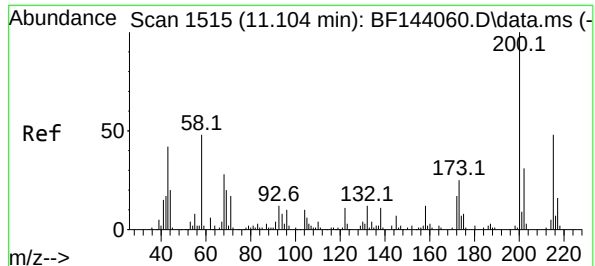
Tgt Ion:248 Resp: 106864  
Ion Ratio Lower Upper  
248 100  
250 95.9 77.8 116.6  
141 67.7 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 64.021 ng  
RT: 11.021 min Scan# 1501  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:284 Resp: 129804  
Ion Ratio Lower Upper  
284 100  
142 23.3 20.0 30.0  
249 28.1 22.2 33.2





#69

Atrazine

Concen: 67.200 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

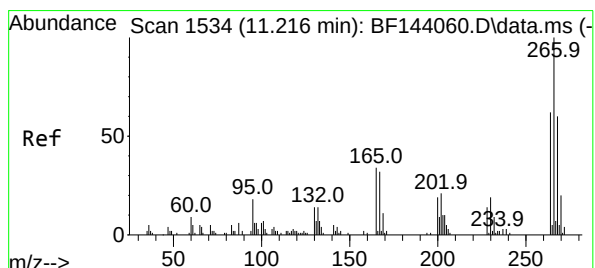
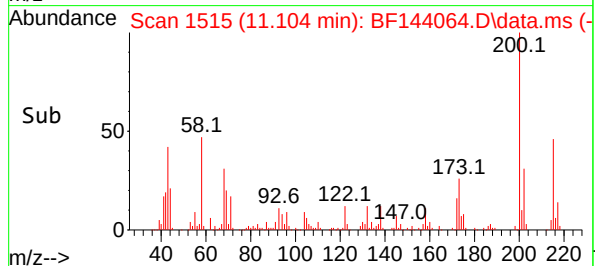
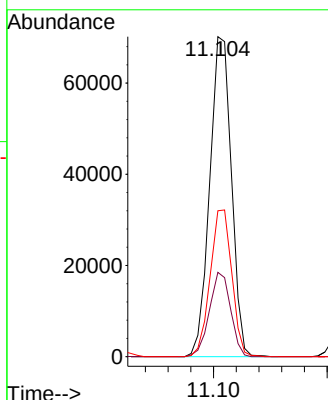
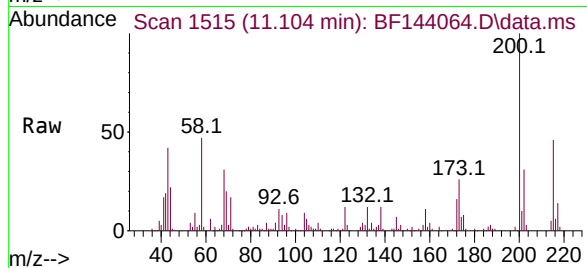
Tgt Ion:200 Resp: 93028

Ion Ratio Lower Upper

200 100

173 26.3 4.9 44.9

215 45.6 28.2 68.2



#70

Pentachlorophenol

Concen: 68.842 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

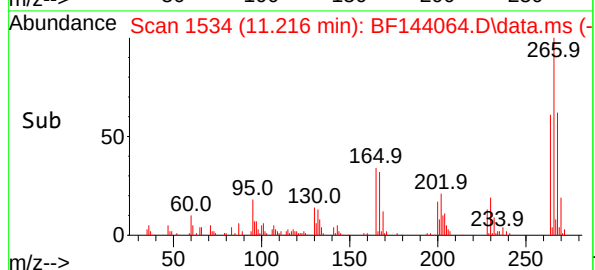
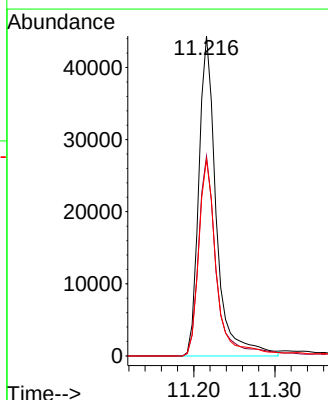
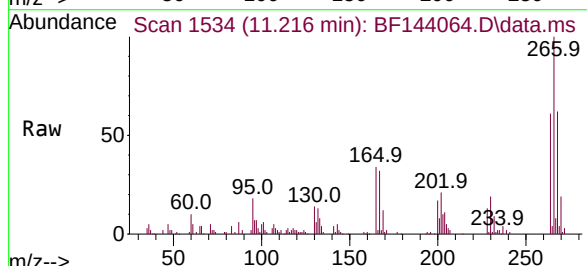
Tgt Ion:266 Resp: 66439

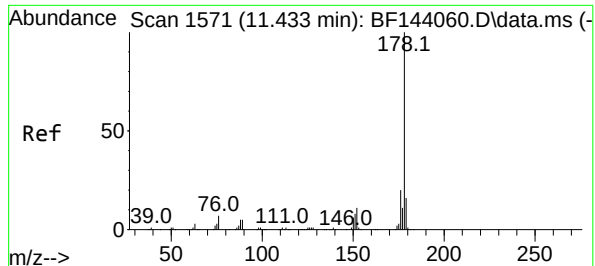
Ion Ratio Lower Upper

266 100

268 62.4 48.2 72.4

264 61.4 49.4 74.0

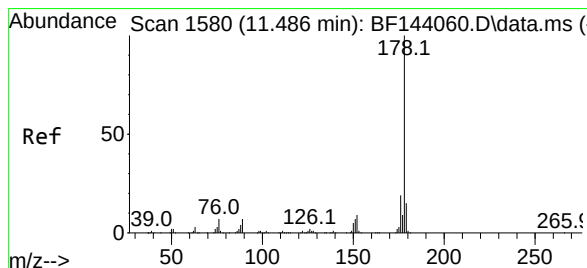
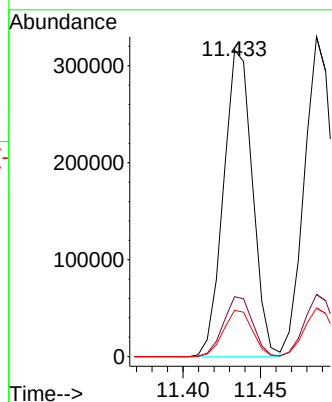
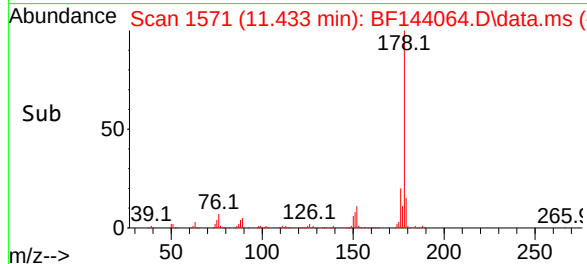
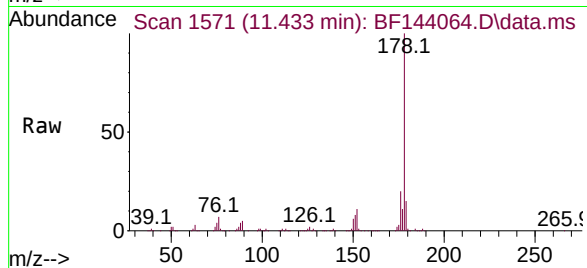




#71  
Phenanthrene  
Concen: 63.013 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

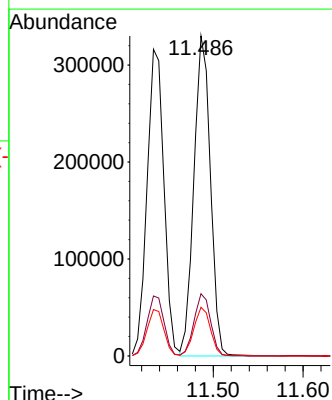
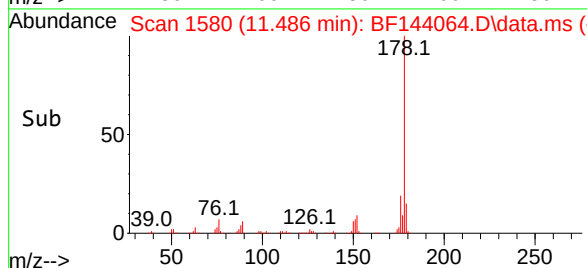
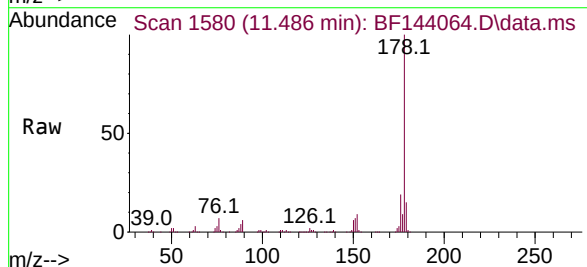
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

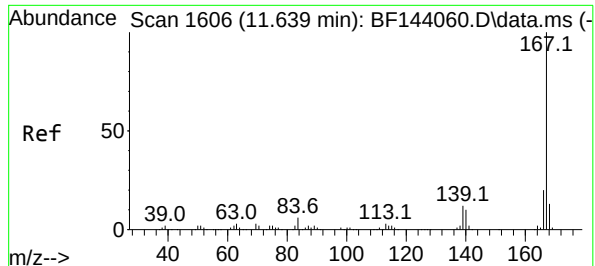
Tgt Ion:178 Resp: 413305  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.3 24.5  
179 15.1 12.6 18.8



#72  
Anthracene  
Concen: 62.266 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

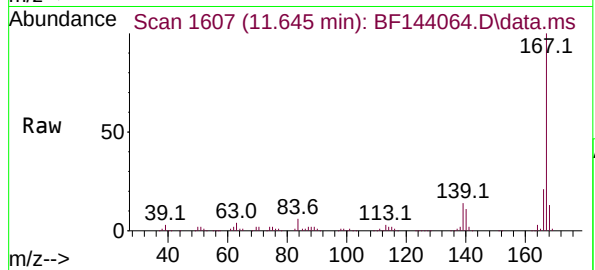
Tgt Ion:178 Resp: 421890  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.0 22.4  
179 15.2 11.8 17.6



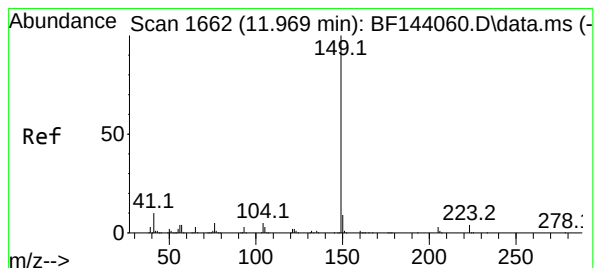
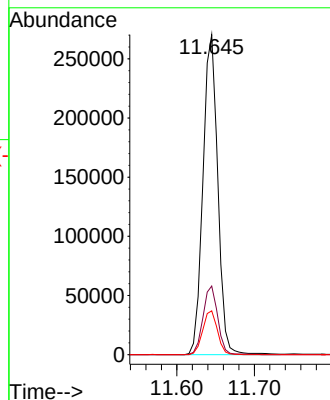
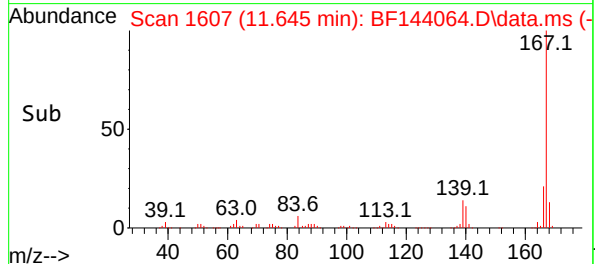


#73  
Carbazole  
Concen: 62.276 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

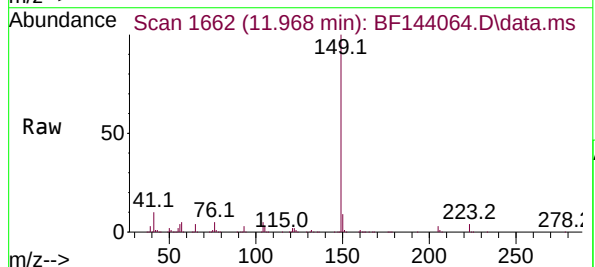
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



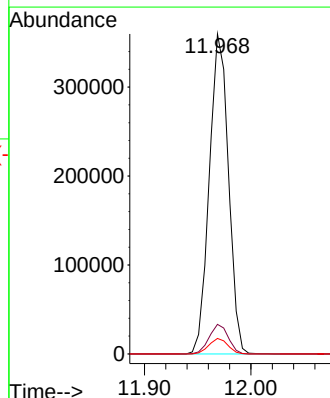
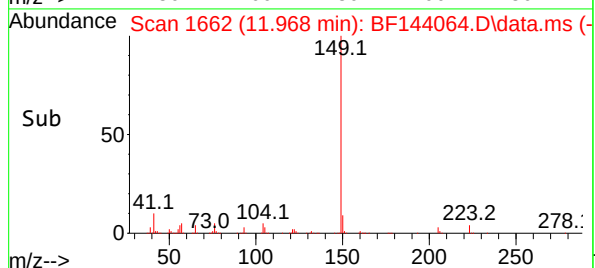
Tgt Ion:167 Resp: 359155  
Ion Ratio Lower Upper  
167 100  
166 21.5 16.1 24.1  
139 13.7 9.8 14.6



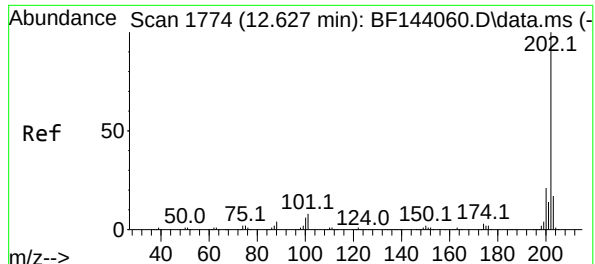
#74  
Di-n-butylphthalate  
Concen: 63.601 ng  
RT: 11.968 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24



Tgt Ion:149 Resp: 449708  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.3 10.9  
104 4.8 3.6 5.4



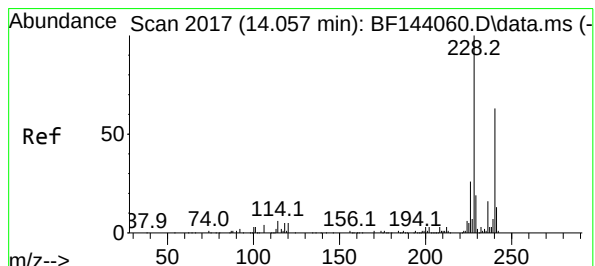
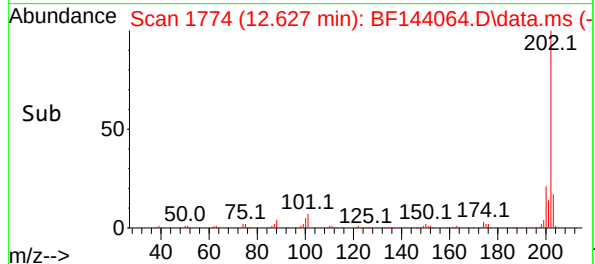
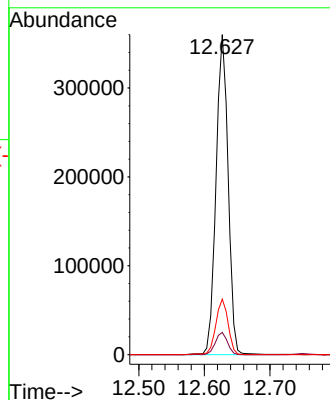
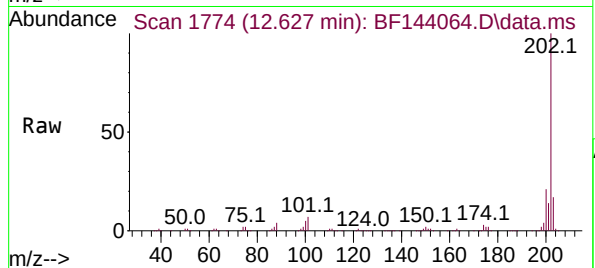




#75  
Fluoranthene  
Concen: 63.767 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

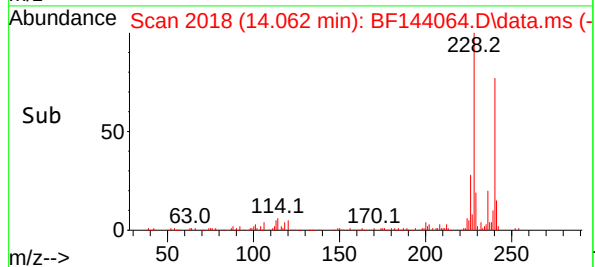
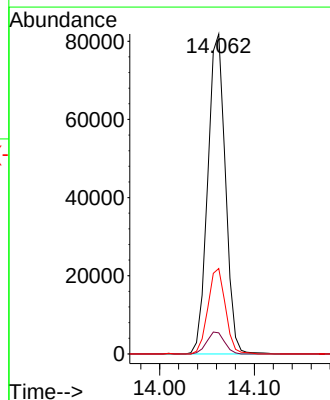
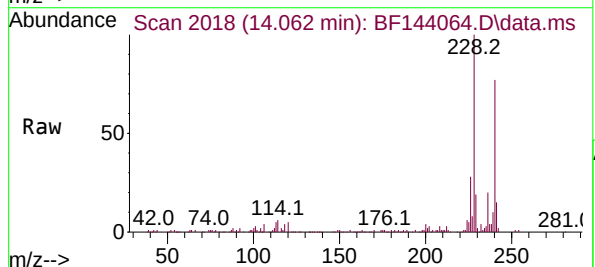
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

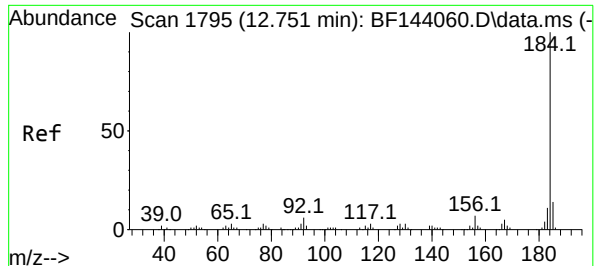
Tgt Ion:202 Resp: 462087  
Ion Ratio Lower Upper  
202 100  
101 6.9 0.0 27.7  
203 17.3 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:240 Resp: 106050  
Ion Ratio Lower Upper  
240 100  
120 6.6 6.5 9.7  
236 26.7 20.1 30.1

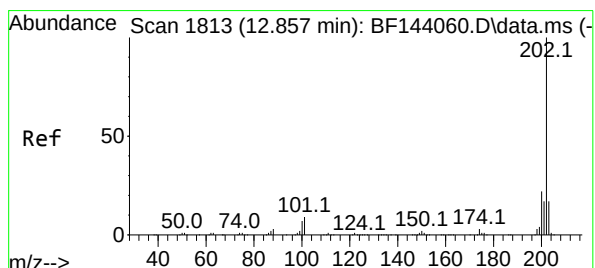
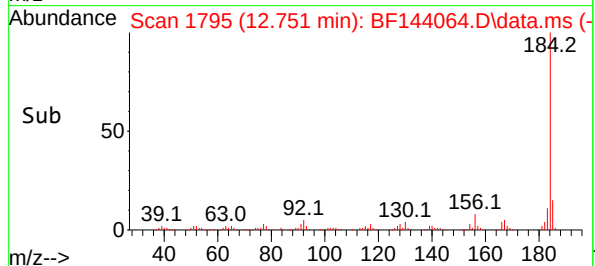
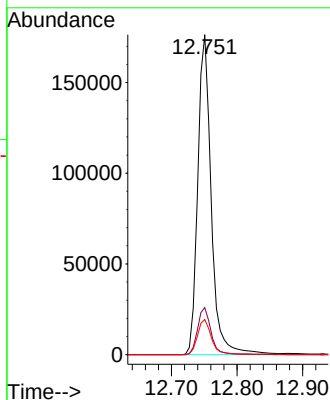
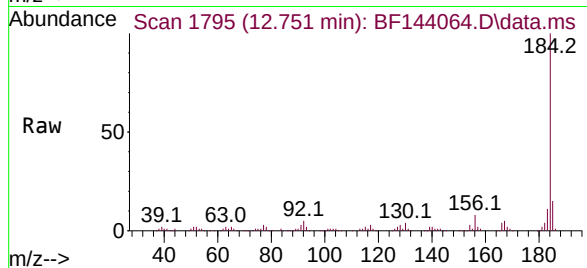




#77  
Benzidine  
Concen: 75.863 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

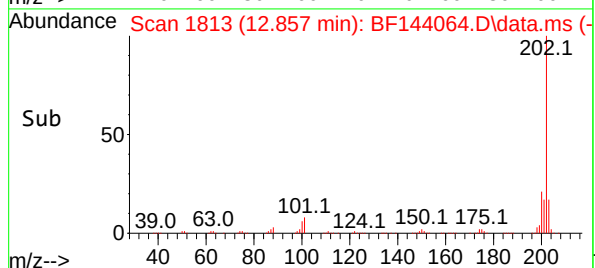
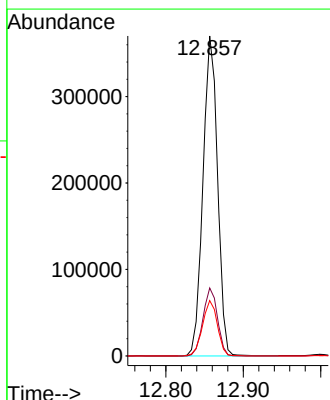
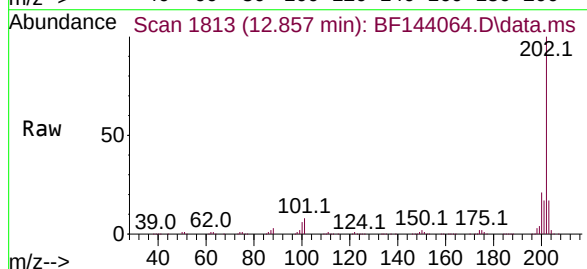
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

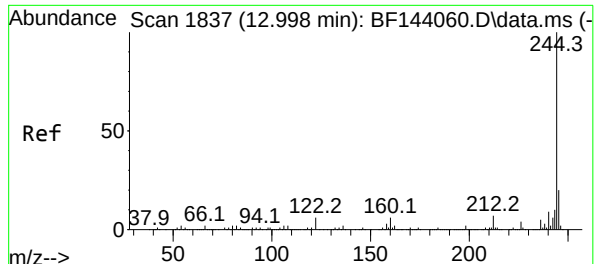
Tgt Ion:184 Resp: 250383  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.6 17.4  
183 11.0 8.5 12.7



#78  
Pyrene  
Concen: 63.369 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:202 Resp: 483140  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.2 25.8  
203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 130.186 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

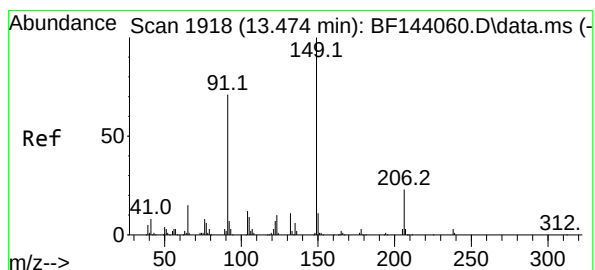
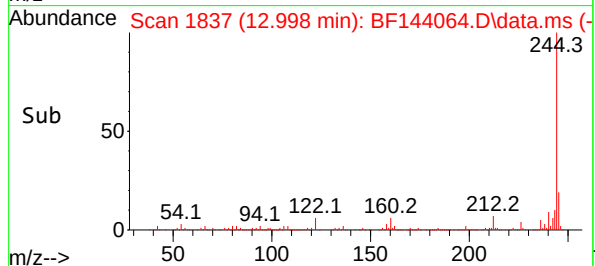
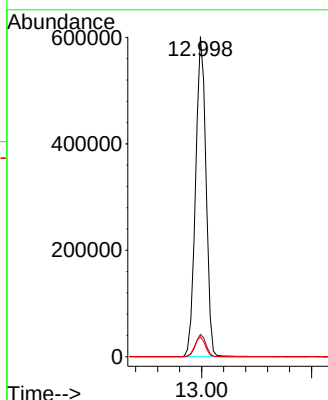
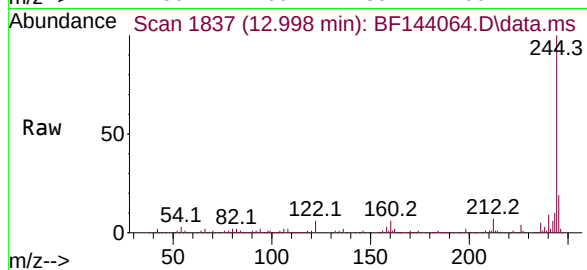
Tgt Ion:244 Resp: 789728

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.2 4.9 7.3



#80

Butylbenzylphthalate

Concen: 65.668 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

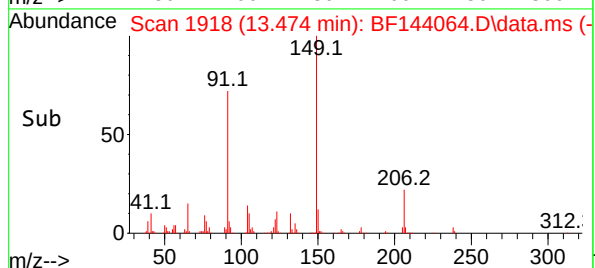
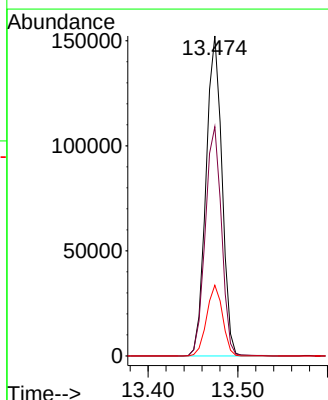
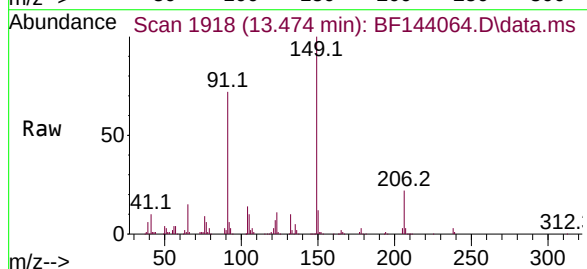
Tgt Ion:149 Resp: 189412

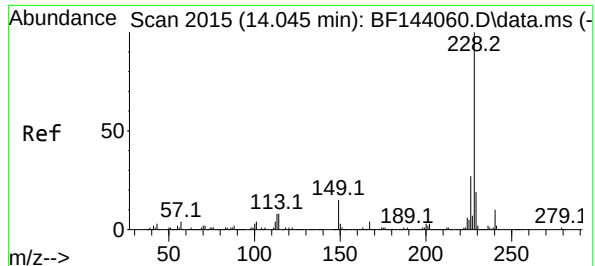
Ion Ratio Lower Upper

149 100

91 71.6 56.6 84.8

206 22.1 18.3 27.5

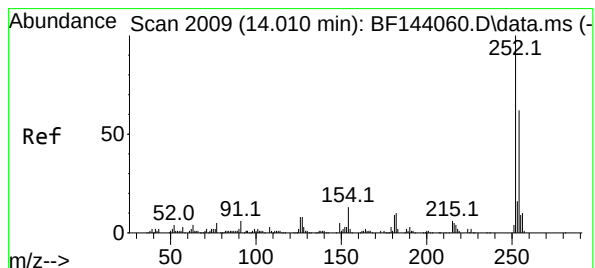
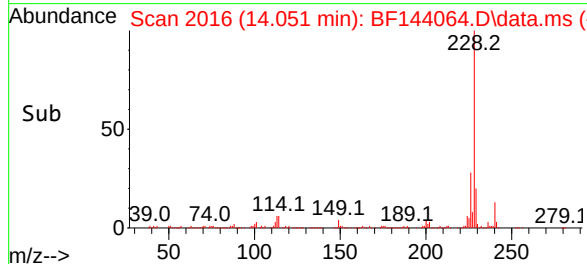
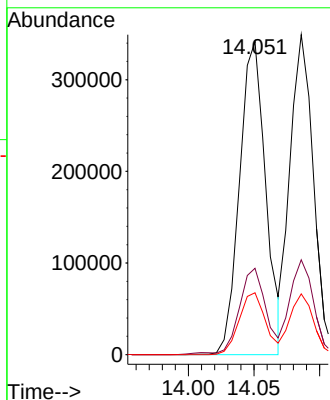
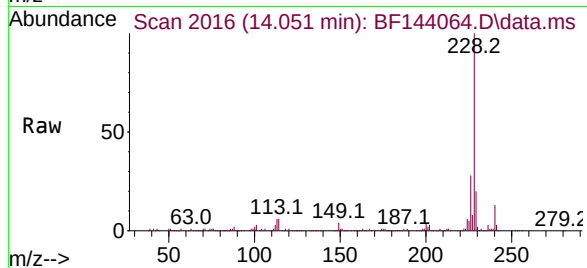




#81  
Benzo(a)anthracene  
Concen: 66.219 ng  
RT: 14.051 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

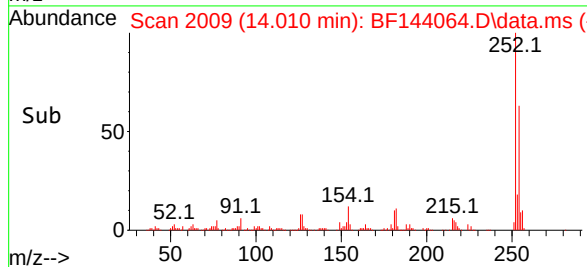
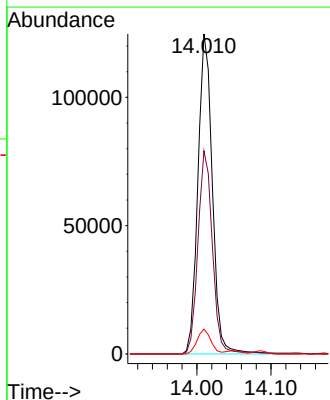
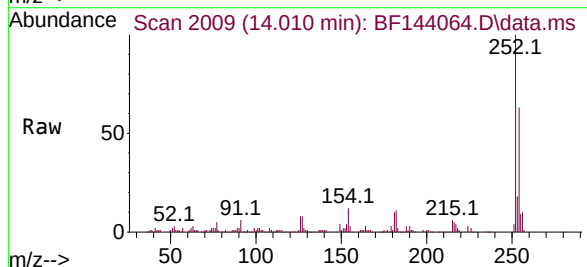
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

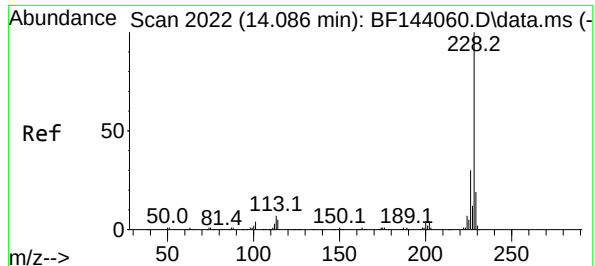
Tgt Ion:228 Resp: 474589  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.4 32.2  
229 19.7 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 67.487 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:252 Resp: 168368  
Ion Ratio Lower Upper  
252 100  
254 63.4 49.9 74.9  
126 7.7 6.5 9.7

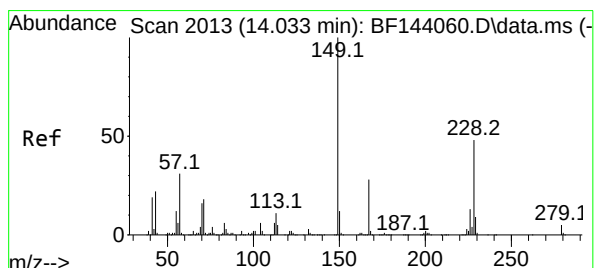
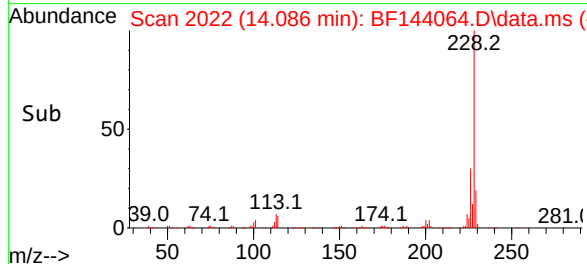
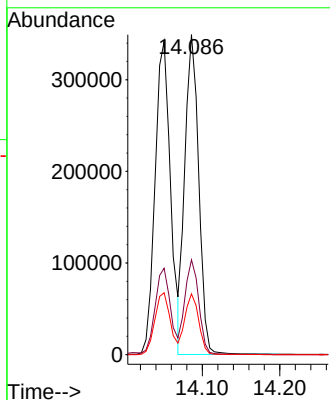
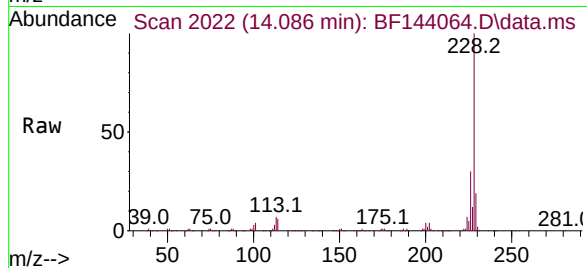




#83  
Chrysene  
Concen: 64.608 ng  
RT: 14.086 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

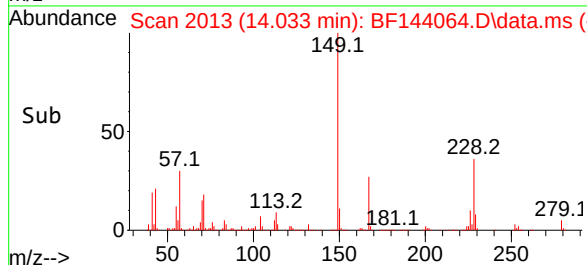
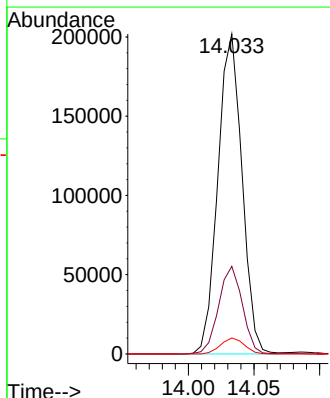
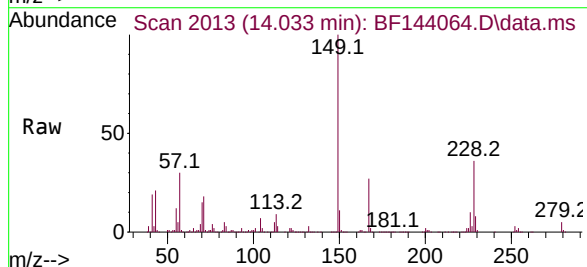
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

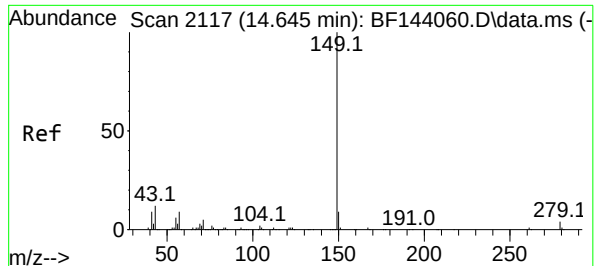
Tgt Ion:228 Resp: 434514  
Ion Ratio Lower Upper  
228 100  
226 29.6 23.8 35.6  
229 19.0 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 65.663 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:149 Resp: 258560  
Ion Ratio Lower Upper  
149 100  
167 27.4 22.5 33.7  
279 5.0 3.6 5.4

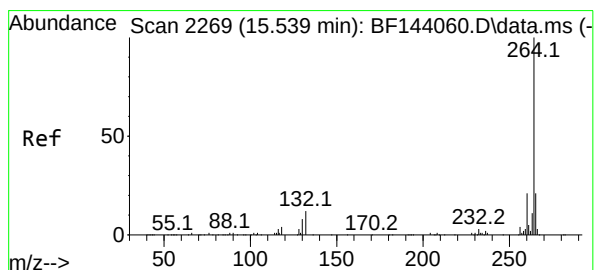
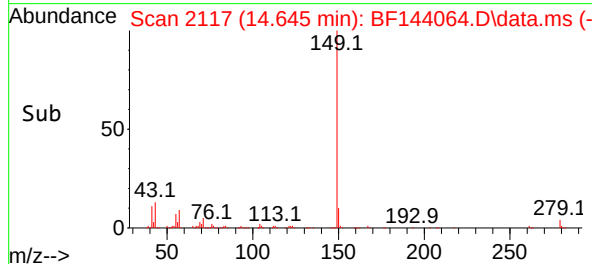
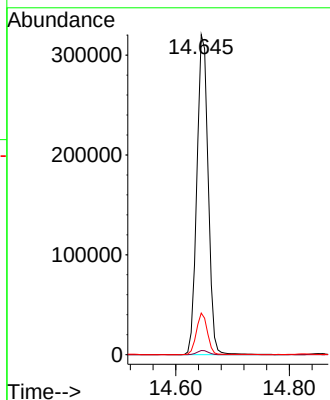
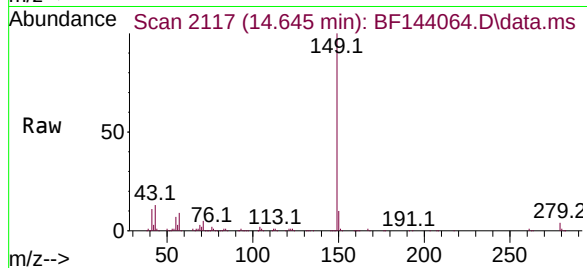




#85  
Di-n-octyl phthalate  
Concen: 64.942 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

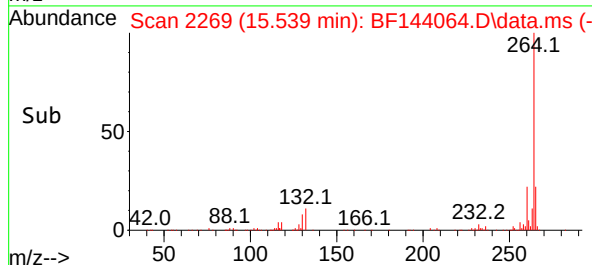
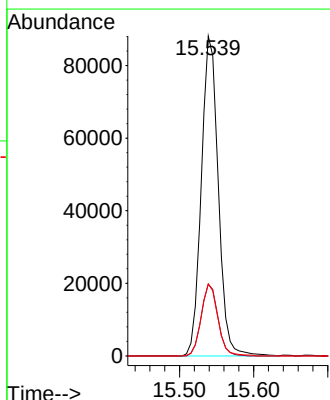
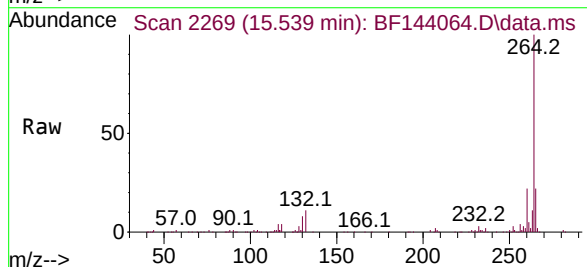
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

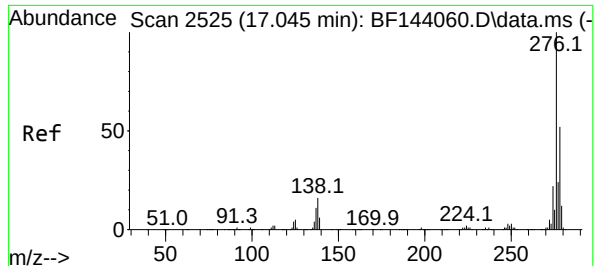
Tgt Ion:149 Resp: 439771  
Ion Ratio Lower Upper  
149 100  
167 1.3 1.2 1.8  
43 12.7 9.3 13.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.000 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

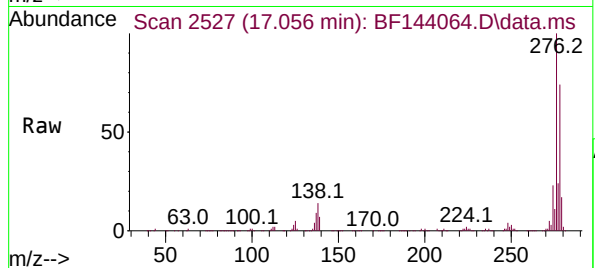
Tgt Ion:264 Resp: 140075  
Ion Ratio Lower Upper  
264 100  
260 22.4 17.0 25.4  
265 22.5 16.6 24.8



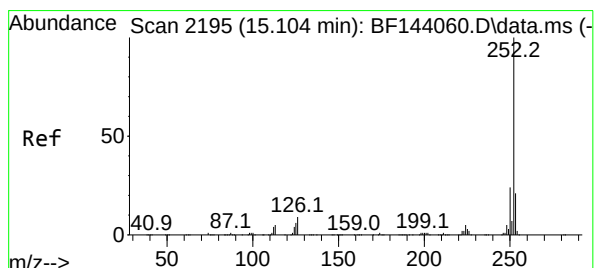
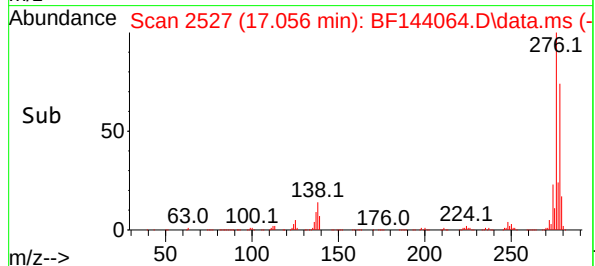
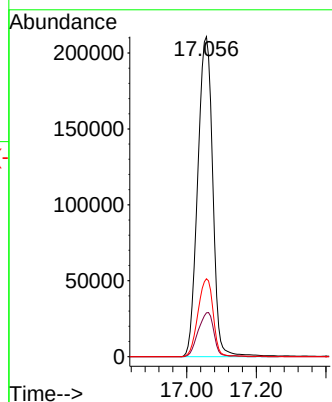


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 65.606 ng  
RT: 17.056 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

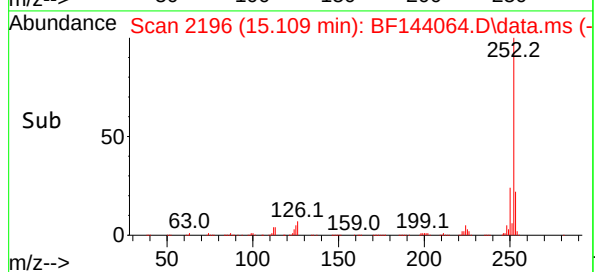
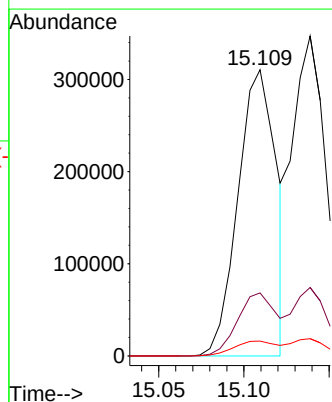
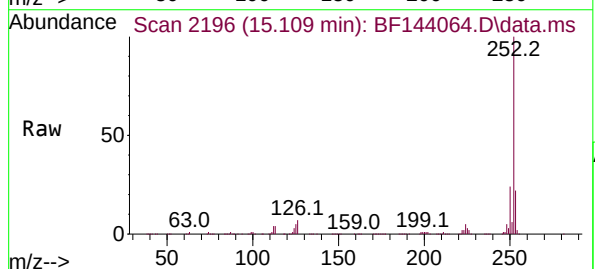


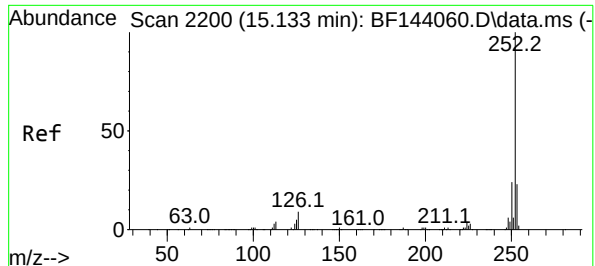
Tgt Ion:276 Resp: 630927  
Ion Ratio Lower Upper  
276 100  
138 14.2 13.0 19.6  
277 24.4 19.4 29.0



#88  
Benzo(b)fluoranthene  
Concen: 61.071 ng  
RT: 15.109 min Scan# 2196  
Delta R.T. 0.006 min  
Lab File: BF144064.D  
Acq: 24 Oct 2025 16:24

Tgt Ion:252 Resp: 483612  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.2 25.8  
125 5.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 66.551 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

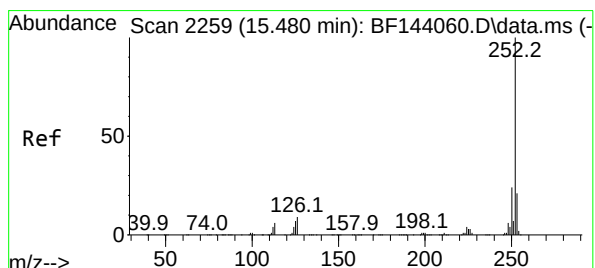
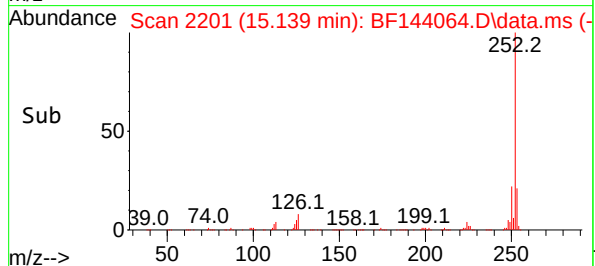
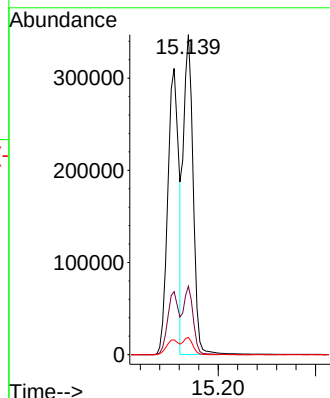
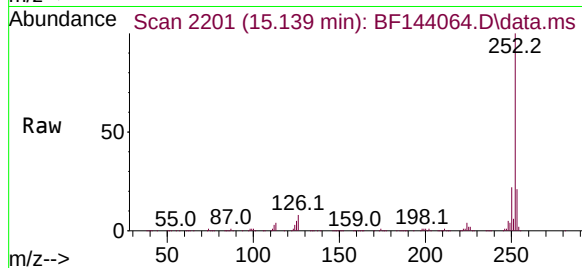
Tgt Ion:252 Resp: 486238

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 5.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 64.222 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

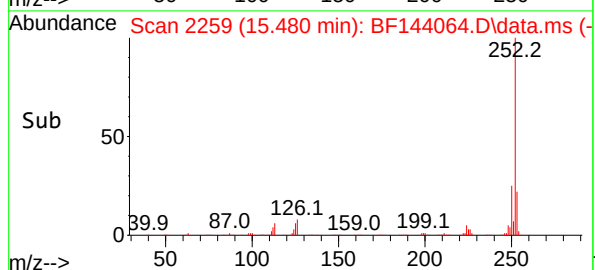
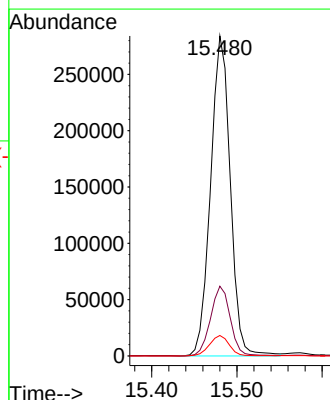
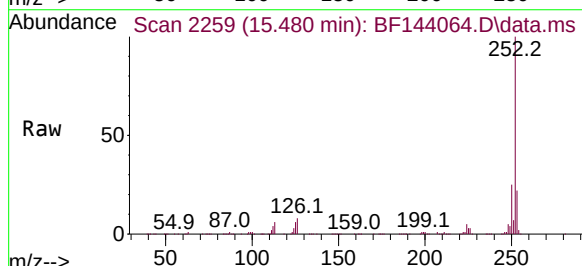
Tgt Ion:252 Resp: 456250

Ion Ratio Lower Upper

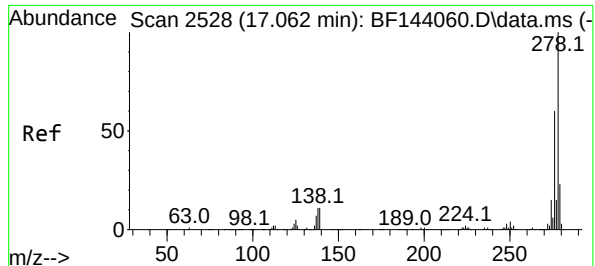
252 100

253 21.8 17.1 25.7

125 6.4 5.4 8.2







#91

Dibenzo(a,h)anthracene

Concen: 65.994 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

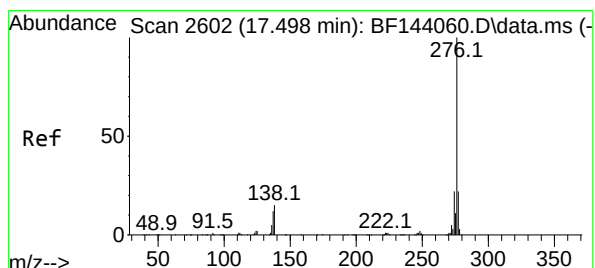
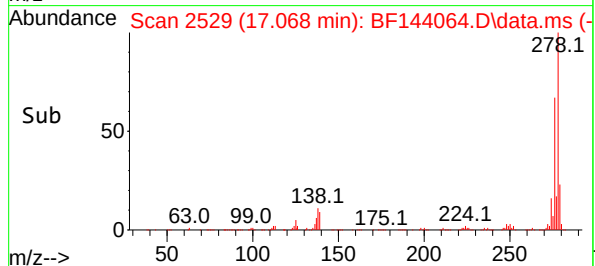
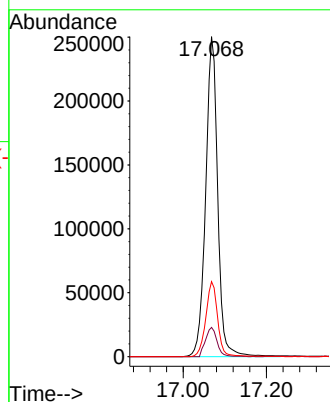
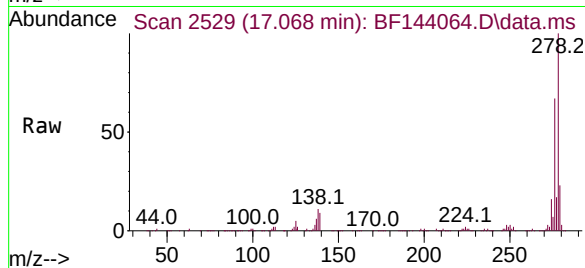
Tgt Ion:278 Resp: 502376

Ion Ratio Lower Upper

278 100

139 9.1 8.5 12.7

279 23.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 65.439 ng

RT: 17.509 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

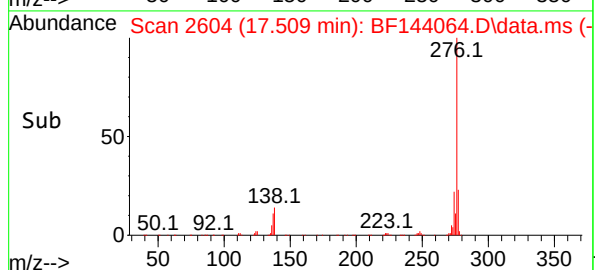
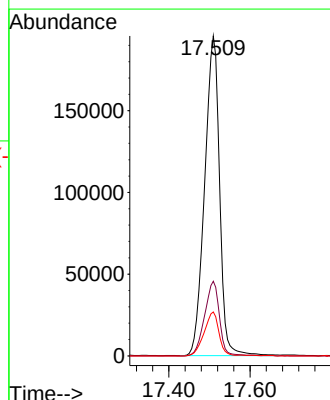
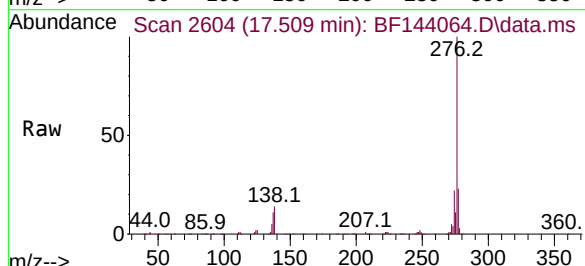
Tgt Ion:276 Resp: 500846

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 13.7 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144065.D  
 Acq On : 24 Oct 2025 17:22  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 39660    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 138565   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 76145    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 127305   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 97298    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 122912   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 176184   | 70.283 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 190899   | 68.955 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 178800   | 70.696 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 66490    | 68.551 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 366420   | 67.717 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 409300   | 73.542 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 38586    | 35.621 | ng    | 94       |
| 3) Pyridine                   | 3.405  | 79   | 94470    | 32.576 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 65742    | 36.893 | ng    | 93       |
| 6) Aniline                    | 6.540  | 93   | 143853   | 36.320 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 82897    | 33.579 | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 74914    | 34.852 | ng    | 98       |
| 10) Phenol                    | 6.516  | 94   | 119040   | 34.853 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 83544    | 33.851 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 112585   | 36.971 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 111592   | 37.183 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 104166   | 35.872 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 81782    | 36.330 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 160104   | 34.517 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 66743    | 35.152 | ng    | 96       |
| 18) Hexachloroethane          | 7.392  | 117  | 37228    | 34.696 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 62662    | 35.002 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 81018    | 36.095 | ng    | 92       |
| 22) Acetophenone              | 7.287  | 105  | 115151   | 38.453 | ng    | 97       |
| 24) Nitrobenzene              | 7.457  | 77   | 98332    | 36.753 | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 160608   | 36.322 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 46278    | 36.360 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 74530    | 39.405 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 97014    | 35.182 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 78967    | 35.901 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 87660    | 38.739 | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 234353   | 35.834 | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 52854    | 44.054 | ng    | 88       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 94319    | 41.428 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 70793    | 38.260 | ng    | 97       |
| 35) Caprolactam               | 8.587  | 113  | 19488    | 35.331 | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 70096    | 36.112 | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 143296   | 33.233 | ng    | 94       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 146838   | 35.945 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 91910    | 35.121 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 39270    | 48.585 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 57810    | 33.986 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144065.D  
 Acq On : 24 Oct 2025 17:22  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102425

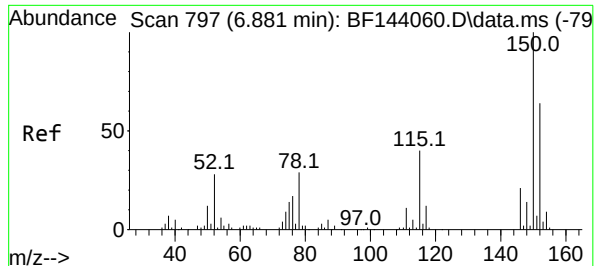
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 64300    | 36.018 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 192660   | 35.345 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 159410   | 34.908 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 49659    | 36.621 | ng    | 95       |
| 49) Acenaphthylene            | 9.781  | 152  | 243055   | 39.474 | ng    | 99       |
| 50) Dimethylphthalate         | 9.634  | 163  | 170189   | 34.098 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 34990    | 35.461 | ng    | 96       |
| 52) Acenaphthene              | 9.951  | 154  | 144520   | 35.145 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 39278    | 35.804 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 21935    | 41.102 | ng    | 94       |
| 55) Dibenzofuran              | 10.122 | 168  | 194900   | 34.140 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 28418    | 38.254 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 49275    | 37.002 | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 151653   | 34.864 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 49354    | 39.232 | ng    | # 96     |
| 60) Diethylphthalate          | 10.333 | 149  | 166357   | 35.442 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 86789    | 35.479 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 35087    | 33.756 | ng    | 90       |
| 63) Azobenzene                | 10.616 | 77   | 161807   | 36.422 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 30929    | 37.867 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 146733   | 36.075 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 56286    | 35.313 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 70184    | 35.903 | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 48908    | 36.643 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 30927    | 33.237 | ng    | 95       |
| 71) Phenanthrene              | 11.433 | 178  | 228423   | 36.120 | ng    | 98       |
| 72) Anthracene                | 11.486 | 178  | 233757   | 35.782 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 196006   | 35.250 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 245199   | 35.967 | ng    | 100      |
| 75) Fluoranthene              | 12.622 | 202  | 244043   | 34.929 | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 146518   | 48.386 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 246902   | 35.297 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 94583    | 35.741 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 234218   | 35.620 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 97608    | 42.643 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 224422   | 36.371 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 130456   | 36.110 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 218335   | 35.142 | ng    | # 99     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 302575   | 35.856 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 234274   | 33.715 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 240517   | 37.516 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 229237   | 36.773 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.057 | 278  | 240551   | 36.012 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 248094   | 36.942 | ng    | 98       |

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

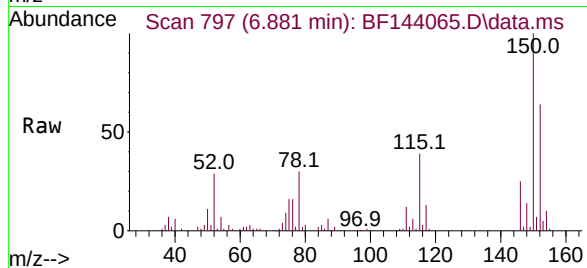
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BNA\_F  
**ClientSampleId :**  
ICVBF102425

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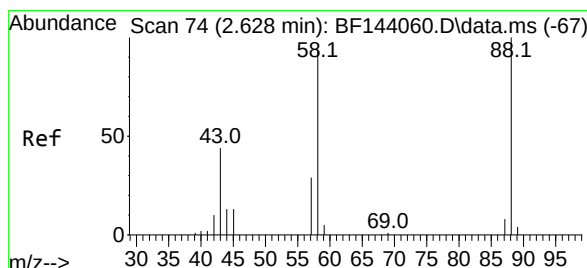
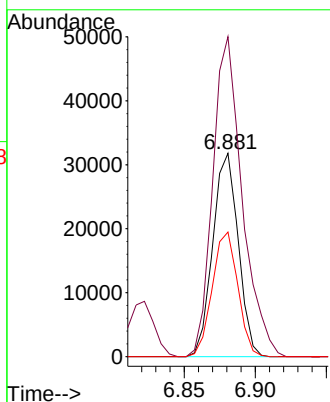
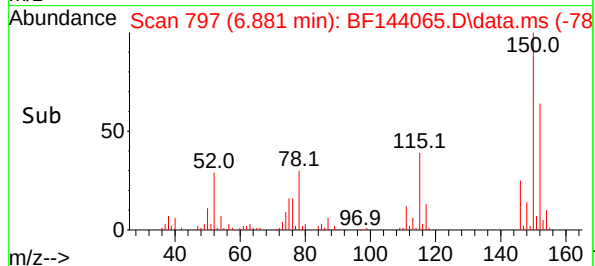


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

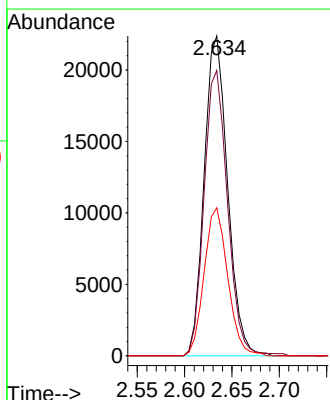
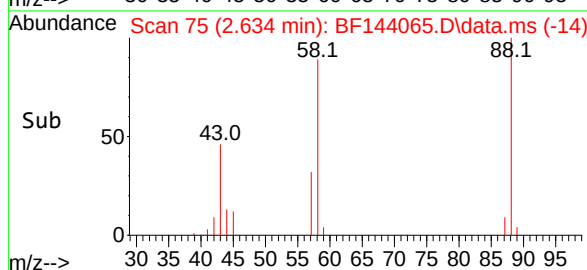
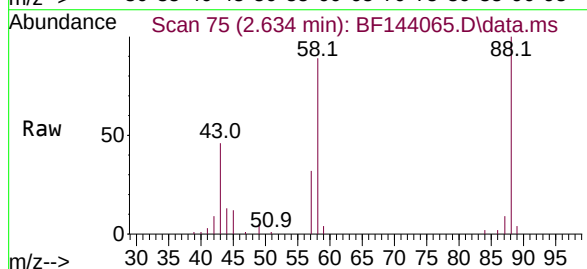


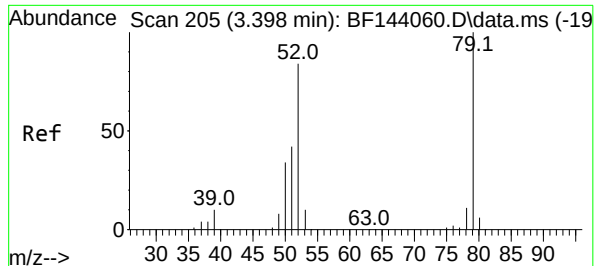
Tgt Ion:152 Resp: 39660  
Ion Ratio Lower Upper  
152 100  
150 157.4 124.4 186.6  
115 61.2 49.4 74.0



#2  
1,4-Dioxane  
Concen: 35.621 ng  
RT: 2.634 min Scan# 75  
Delta R.T. 0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion: 88 Resp: 38586  
Ion Ratio Lower Upper  
88 100  
58 89.3 76.5 114.7  
43 46.7 35.3 52.9





#3

Pyridine

Concen: 32.576 ng

RT: 3.405 min Scan# 205

Delta R.T. 0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

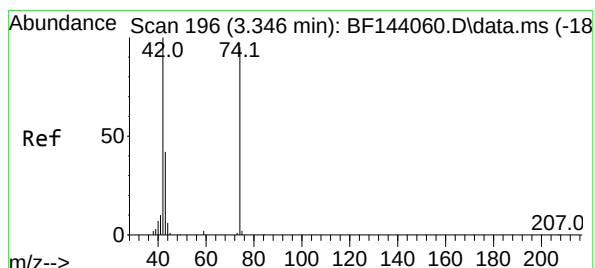
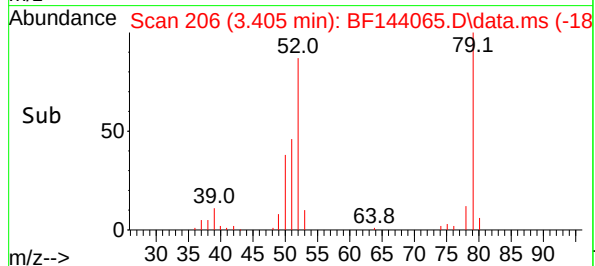
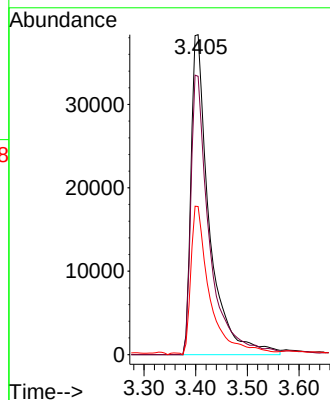
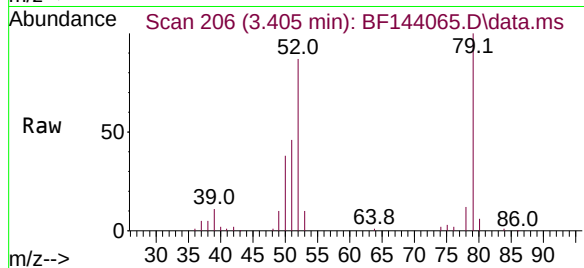
Tgt Ion: 79 Resp: 94470

Ion Ratio Lower Upper

79 100

52 87.0 67.5 101.3

51 46.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 36.893 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

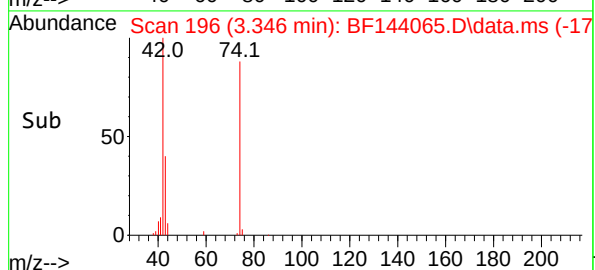
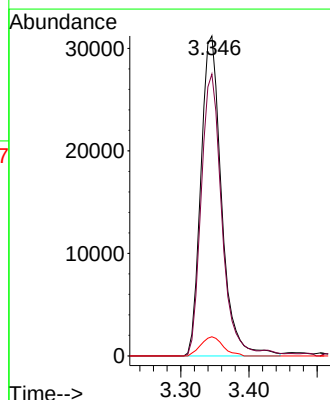
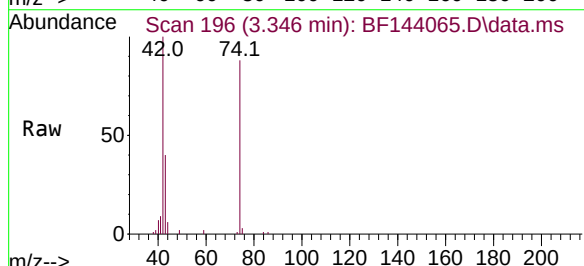
Tgt Ion: 42 Resp: 65742

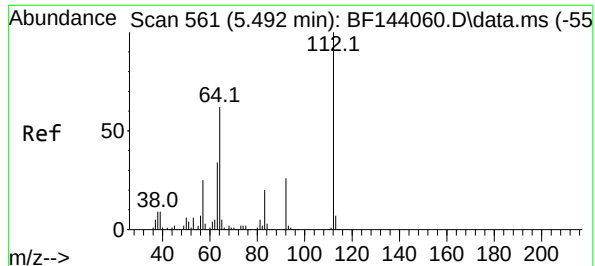
Ion Ratio Lower Upper

42 100

74 88.1 76.4 114.6

44 6.0 5.2 7.8

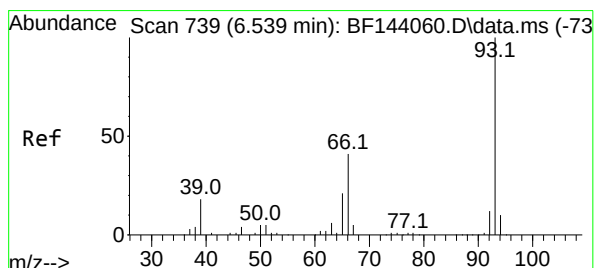
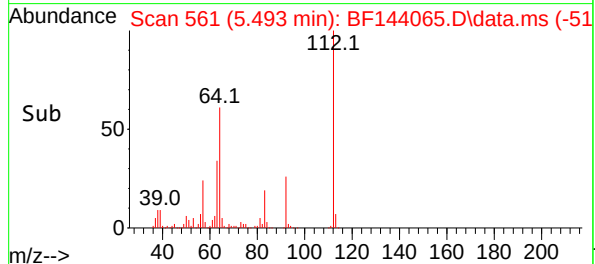
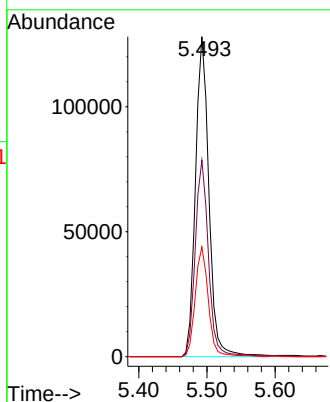
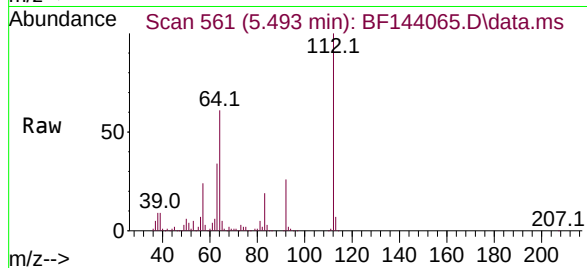




#5  
2-Fluorophenol  
Concen: 70.283 ng  
RT: 5.493 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

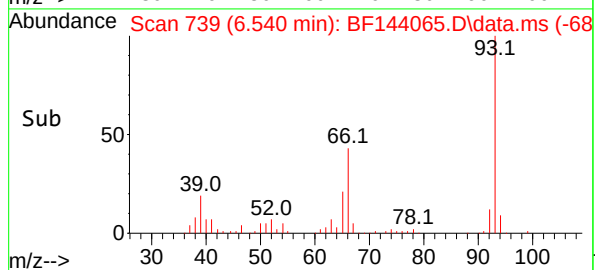
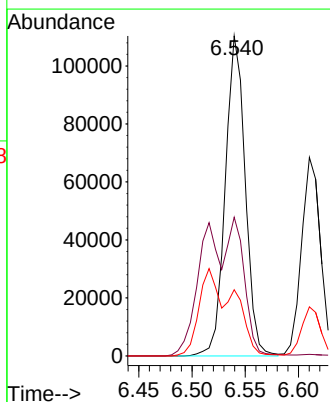
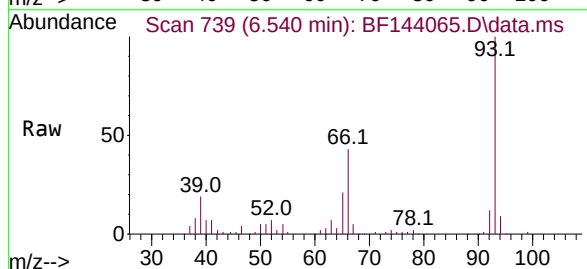
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

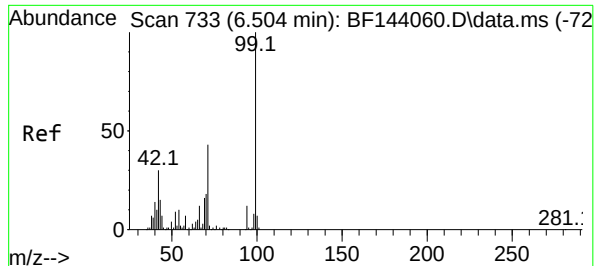
Tgt Ion:112 Resp: 176184  
Ion Ratio Lower Upper  
112 100  
64 61.4 49.8 74.8  
63 34.3 27.4 41.2



#6  
Aniline  
Concen: 36.320 ng  
RT: 6.540 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion: 93 Resp: 143853  
Ion Ratio Lower Upper  
93 100  
66 43.3 35.7 53.5  
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 68.955 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

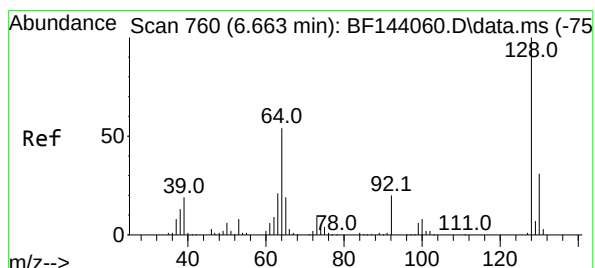
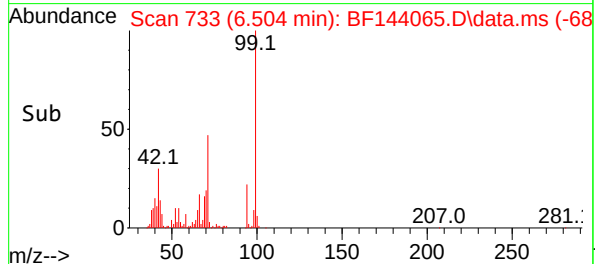
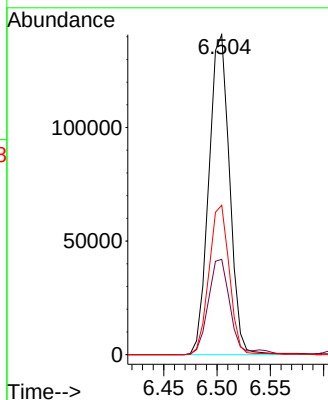
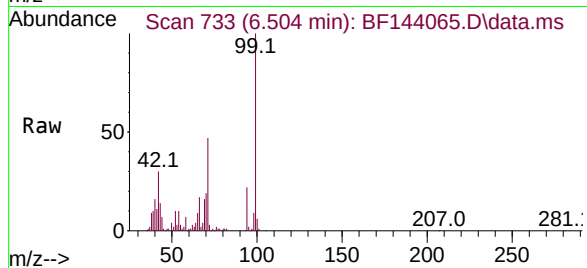
Tgt Ion: 99 Resp: 190899

Ion Ratio Lower Upper

99 100

42 29.8 23.9 35.9

71 46.7 34.4 51.6



#8

2-Chlorophenol

Concen: 33.579 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

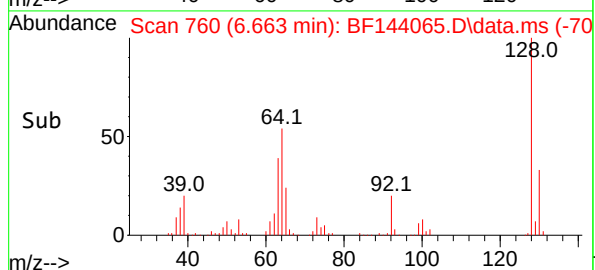
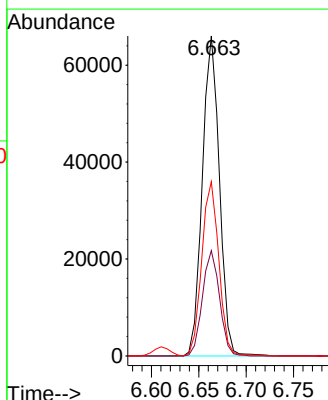
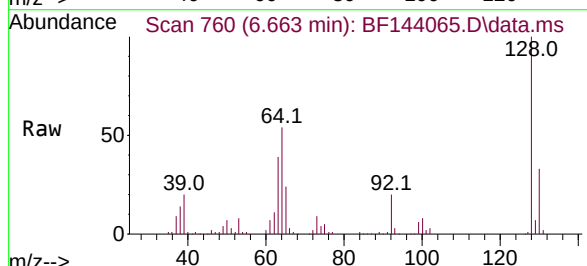
Tgt Ion: 128 Resp: 82897

Ion Ratio Lower Upper

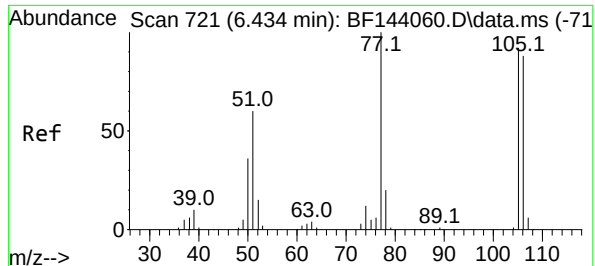
128 100

130 32.9 10.7 50.7

64 54.4 34.7 74.7







#9

Benzaldehyde

Concen: 34.852 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144065.D

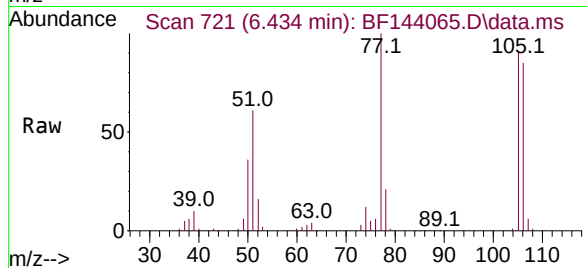
Acq: 24 Oct 2025 17:22

Instrument :

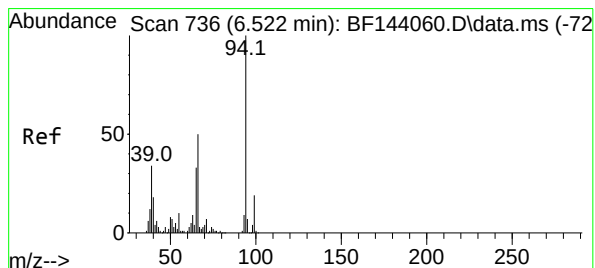
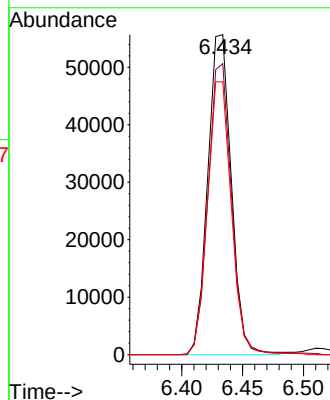
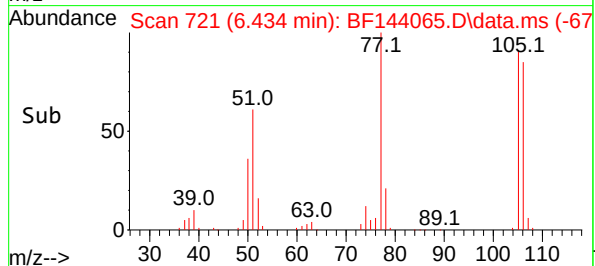
BNA\_F

ClientSampleId :

ICVBF102425



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 74914 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 90.9  | 72.2  | 112.2 |
| 106      | 85.3  | 67.9  | 107.9 |



#10

Phenol

Concen: 34.853 ng

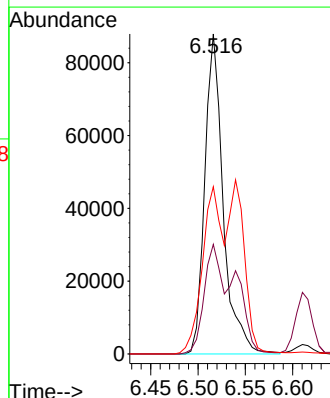
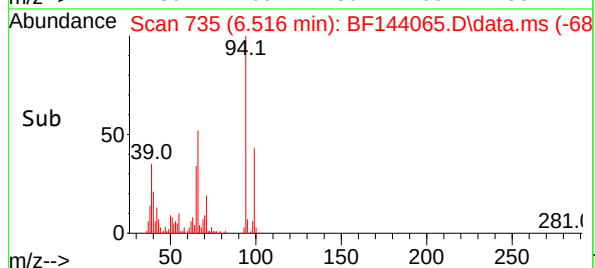
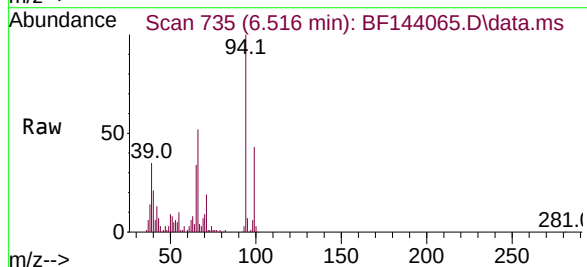
RT: 6.516 min Scan# 735

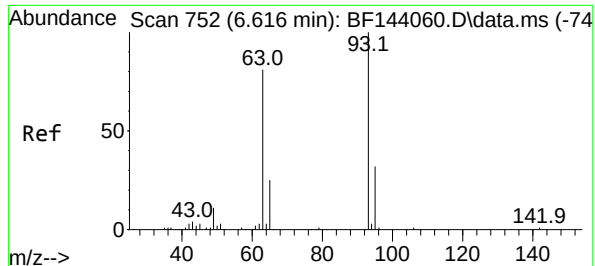
Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 119040 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.2  | 13.1  | 53.1   |
| 66       | 52.2  | 30.6  | 70.6   |

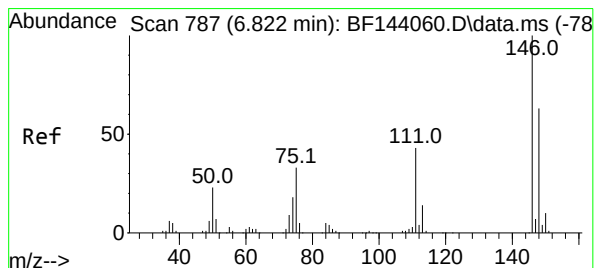
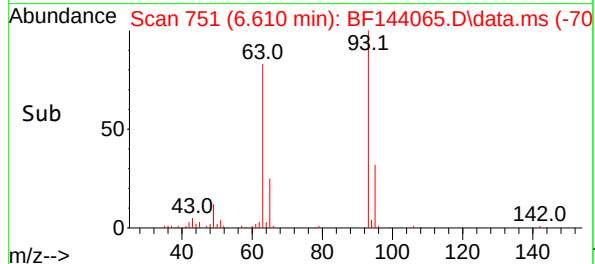
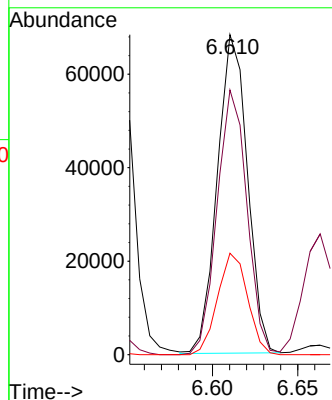
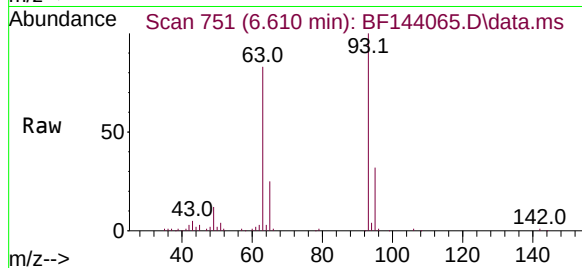




#11  
bis(2-Chloroethyl)ether  
Concen: 33.851 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

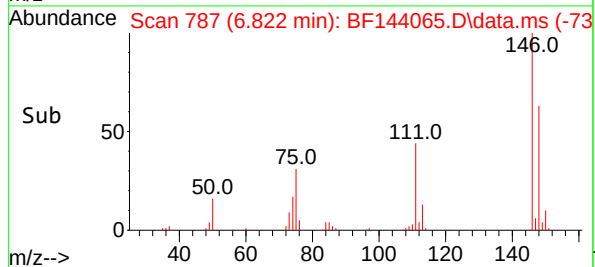
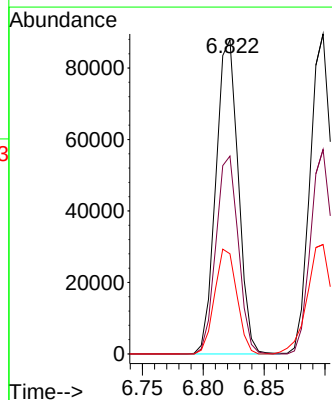
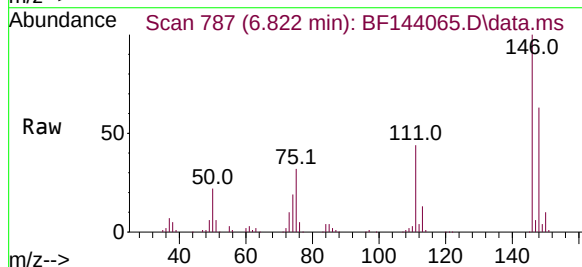
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

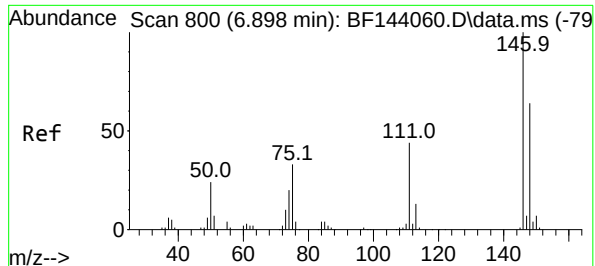
Tgt Ion: 93 Resp: 83544  
Ion Ratio Lower Upper  
93 100  
63 82.7 60.2 100.2  
95 31.7 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 36.971 ng  
RT: 6.822 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion: 146 Resp: 112585  
Ion Ratio Lower Upper  
146 100  
148 63.0 50.6 75.8  
75 31.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 37.183 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

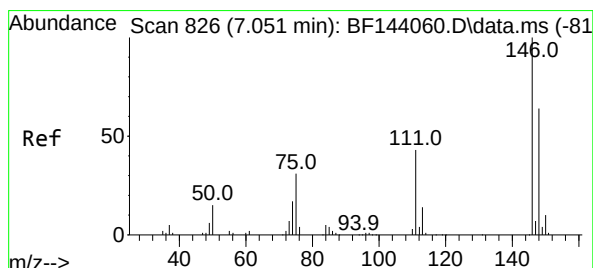
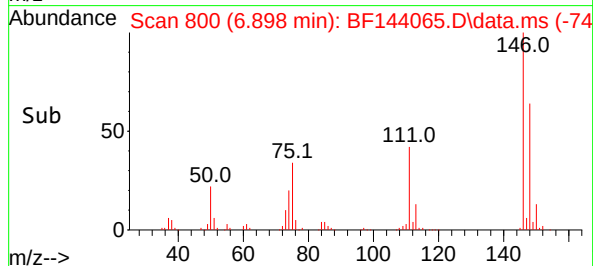
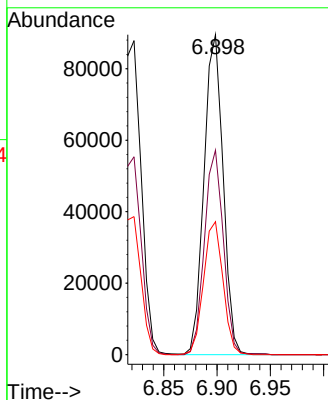
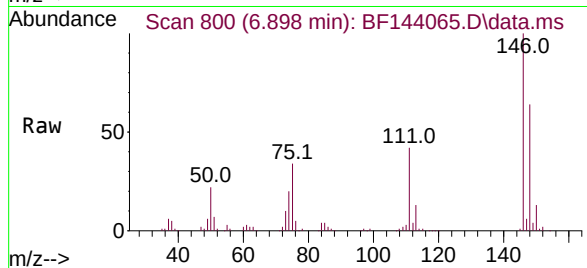
Tgt Ion:146 Resp: 111592

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 41.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 35.872 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

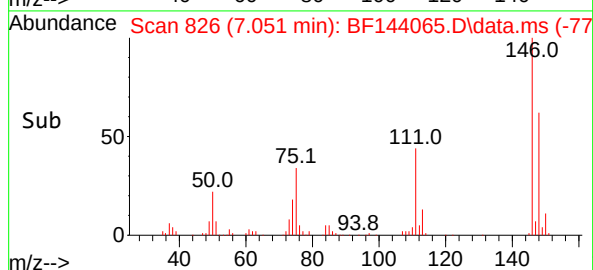
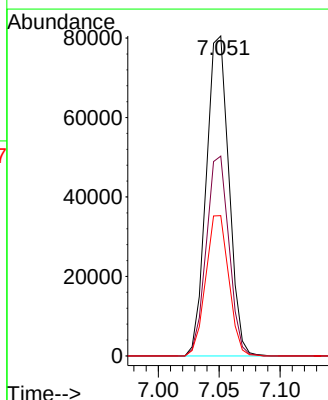
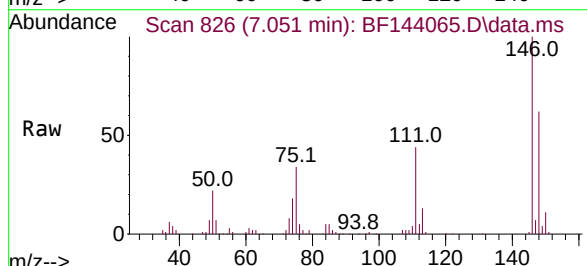
Tgt Ion:146 Resp: 104166

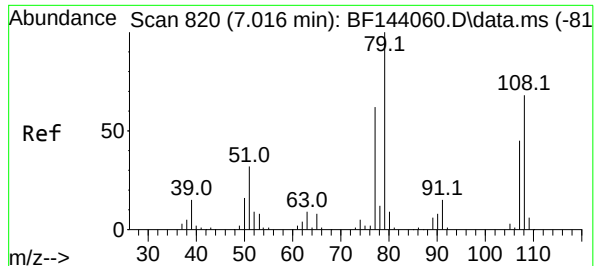
Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

111 43.8 34.7 52.1





#15

Benzyl Alcohol

Concen: 36.330 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

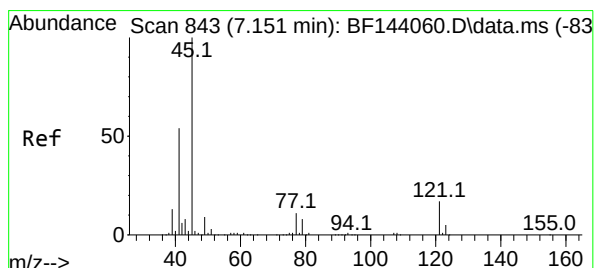
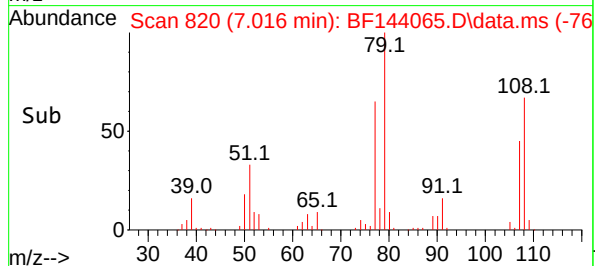
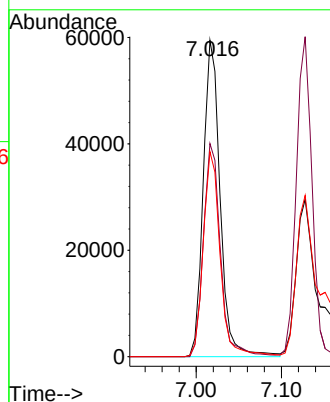
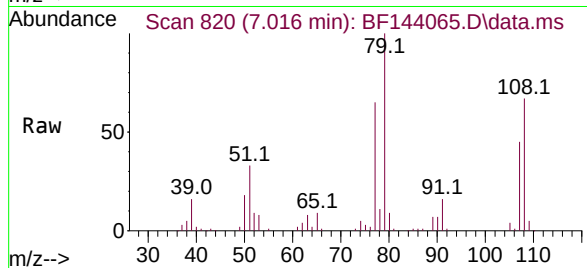
Tgt Ion: 79 Resp: 81782

Ion Ratio Lower Upper

79 100

108 67.4 54.8 82.2

77 64.8 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.517 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

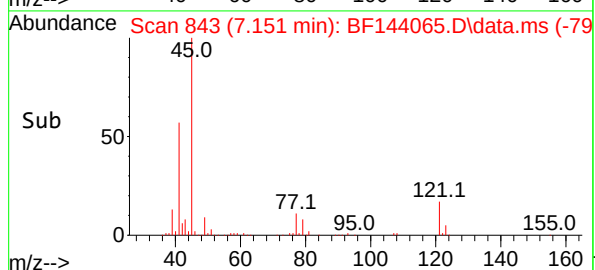
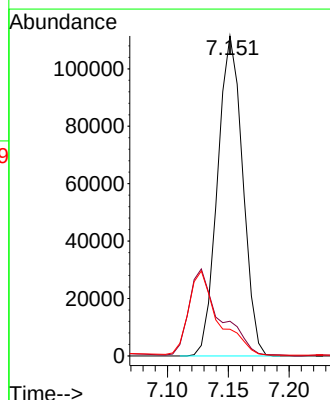
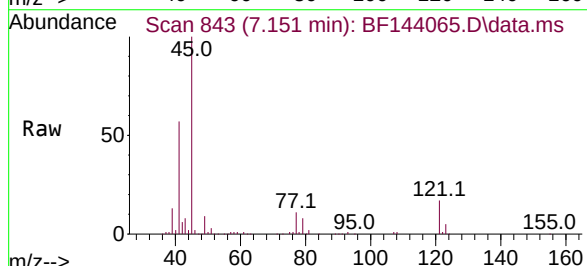
Tgt Ion: 45 Resp: 160104

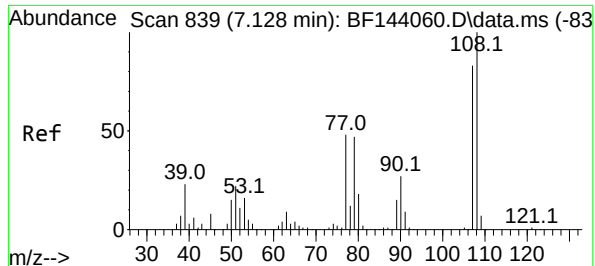
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.9

79 8.3 0.0 28.2

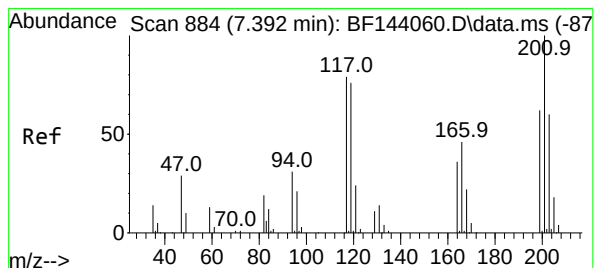
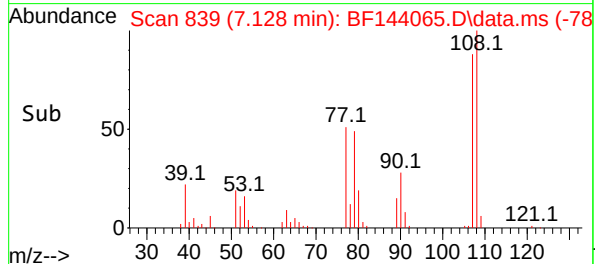
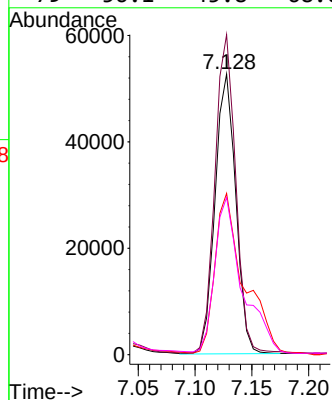
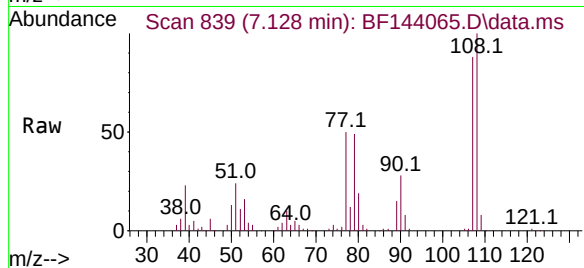




#17  
2-Methylphenol  
Concen: 35.152 ng  
RT: 7.128 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

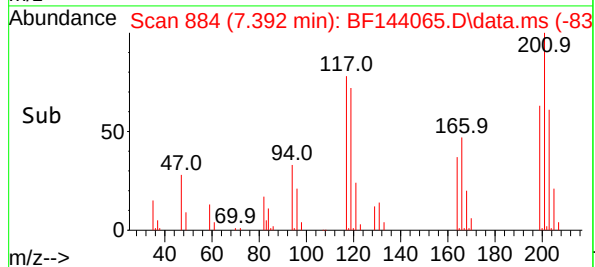
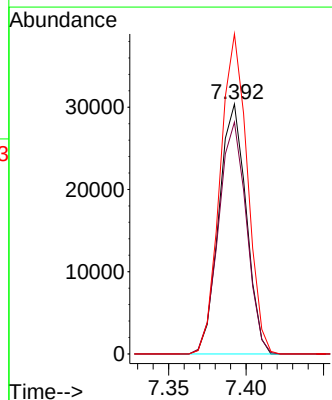
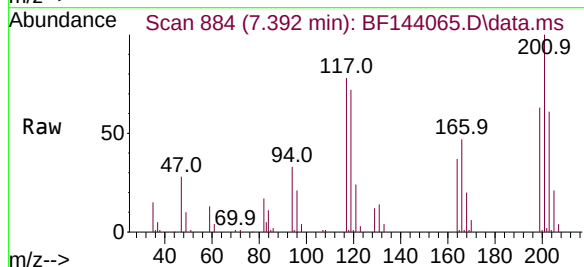
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

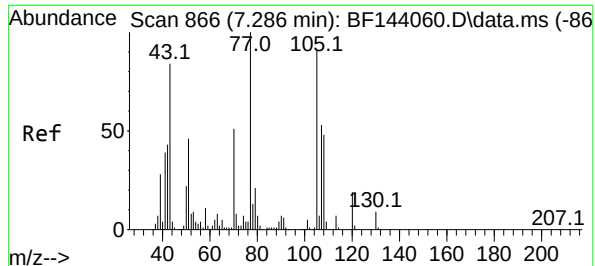
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 66743 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.1 | 96.4  | 144.6 |
| 77       | 57.5  | 46.8  | 70.2  |
| 79       | 56.1  | 45.8  | 68.6  |



#18  
Hexachloroethane  
Concen: 34.696 ng  
RT: 7.392 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 37228 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.8  | 76.6  | 115.0 |
| 201      | 128.1 | 100.9 | 151.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 35.002 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

Tgt Ion: 70 Resp: 62662

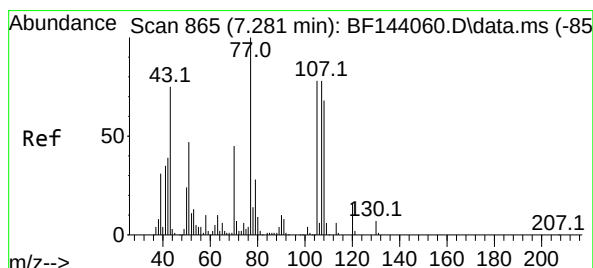
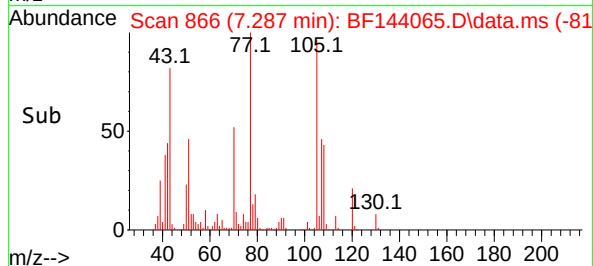
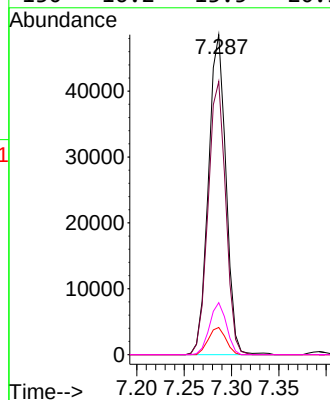
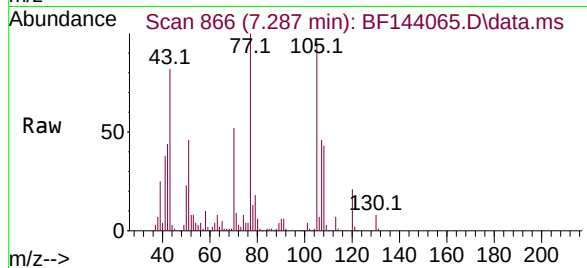
Ion Ratio Lower Upper

70 100

42 85.3 67.4 101.0

101 8.5 7.1 10.7

130 16.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 36.095 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion: 107 Resp: 81018

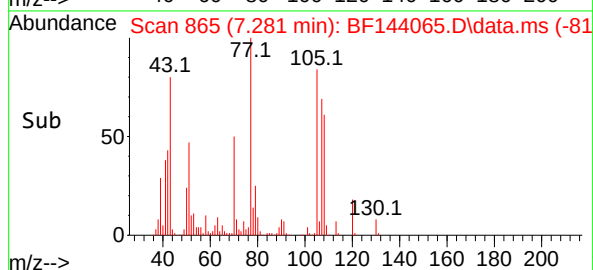
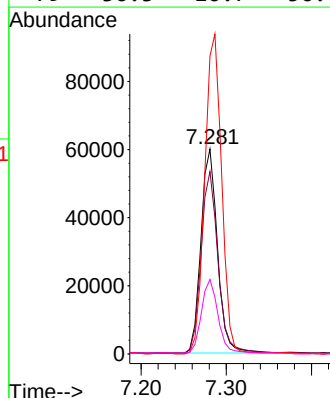
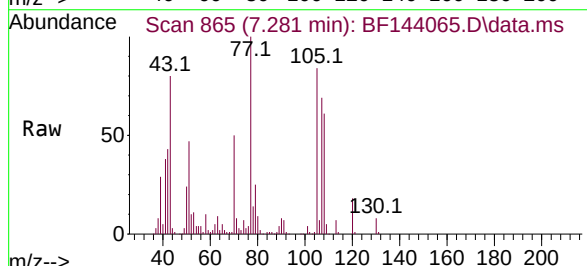
Ion Ratio Lower Upper

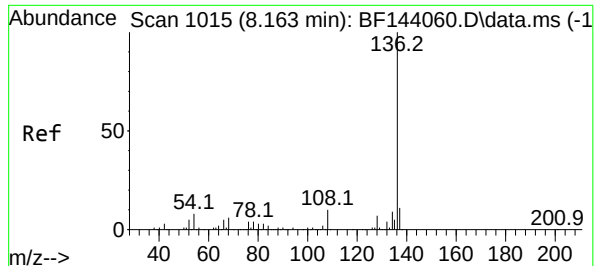
107 100

108 88.9 68.0 108.0

77 145.2 108.7 148.7

79 36.3 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

Tgt Ion:136 Resp: 138565

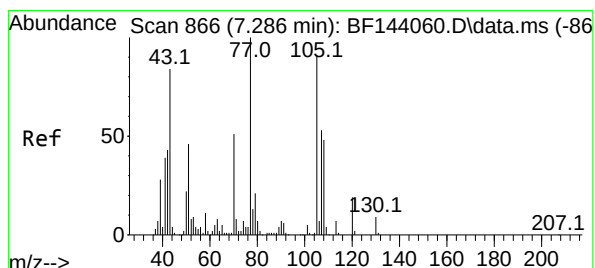
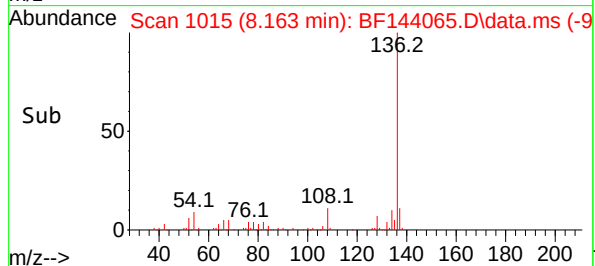
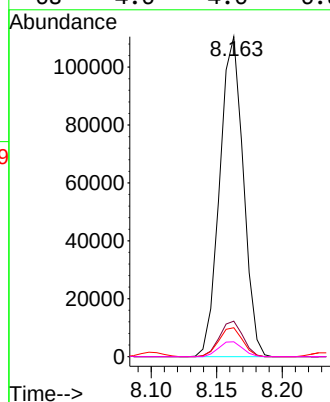
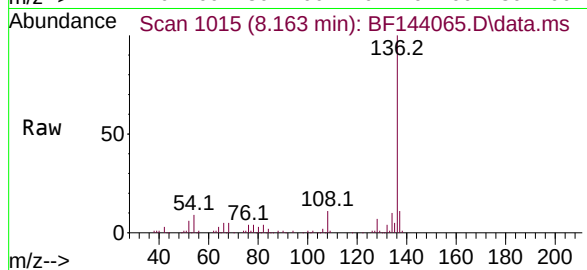
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.0 6.6 9.8

68 4.6 4.6 6.8



#22

Acetophenone

Concen: 38.453 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:105 Resp: 115151

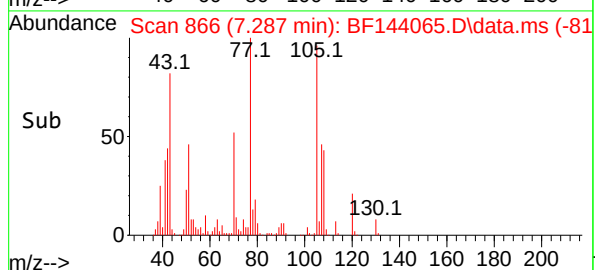
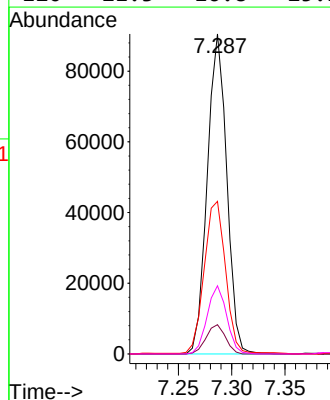
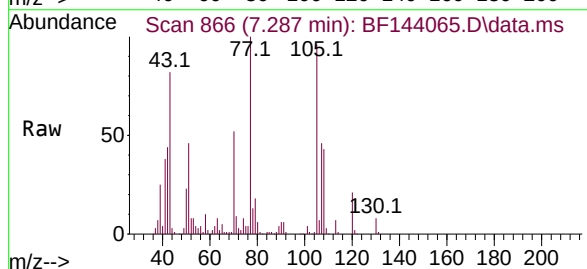
Ion Ratio Lower Upper

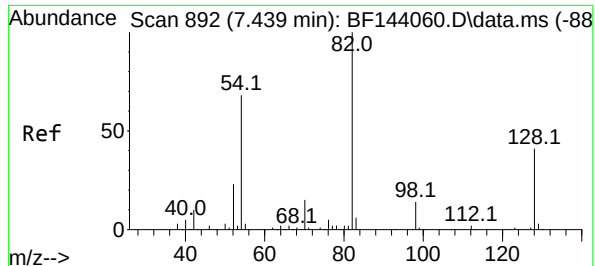
105 100

71 9.1 6.9 10.3

51 47.7 40.6 60.8

120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 70.696 ng

RT: 7.440 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

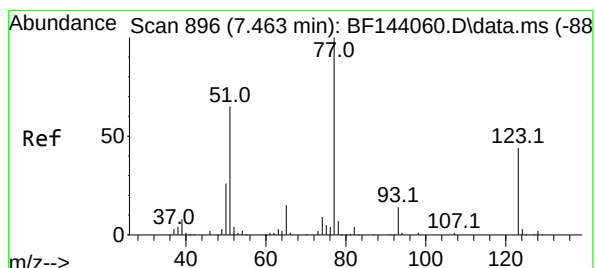
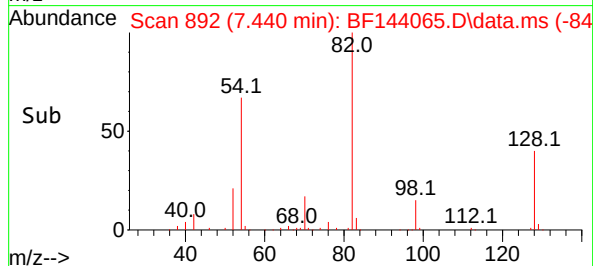
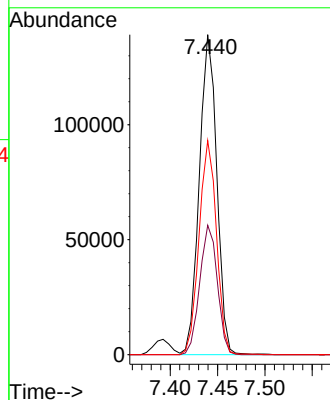
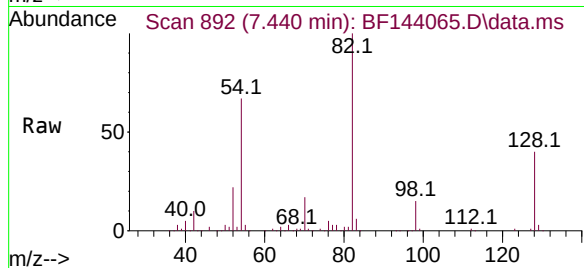
Tgt Ion: 82 Resp: 178800

Ion Ratio Lower Upper

82 100

128 40.4 32.4 48.6

54 66.9 54.0 81.0



#24

Nitrobenzene

Concen: 36.753 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

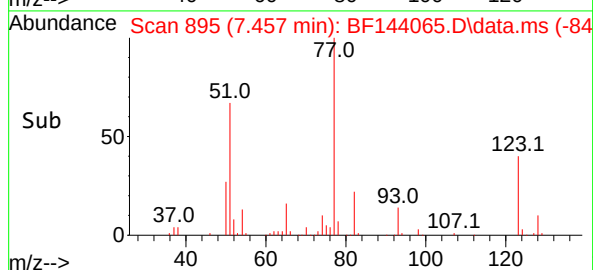
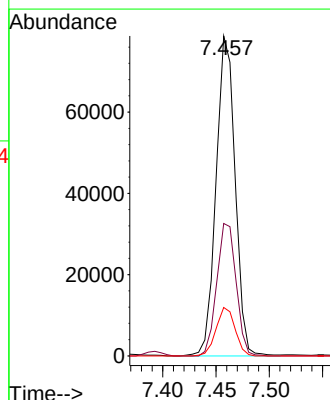
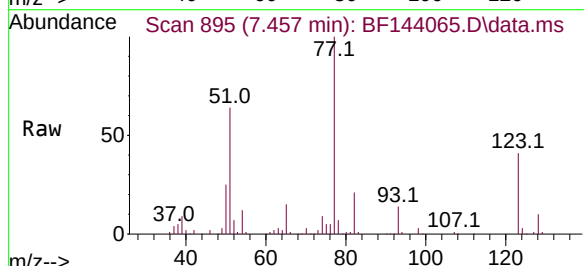
Tgt Ion: 77 Resp: 98332

Ion Ratio Lower Upper

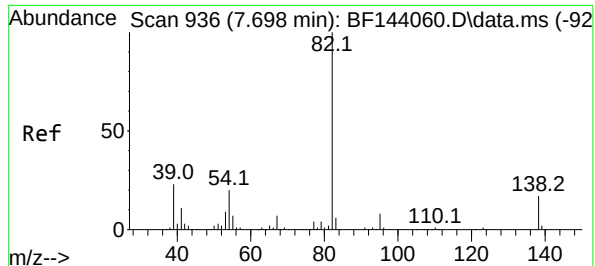
77 100

123 41.4 35.0 52.6

65 15.1 12.2 18.2



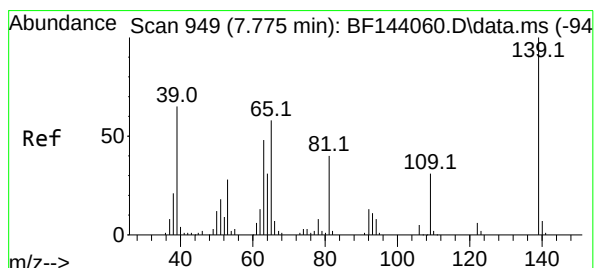
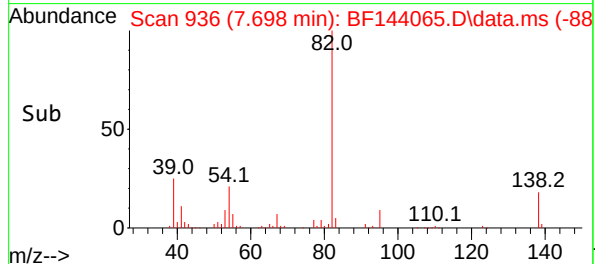
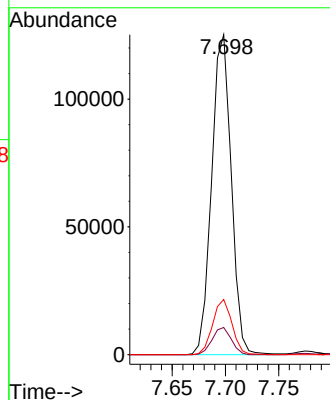
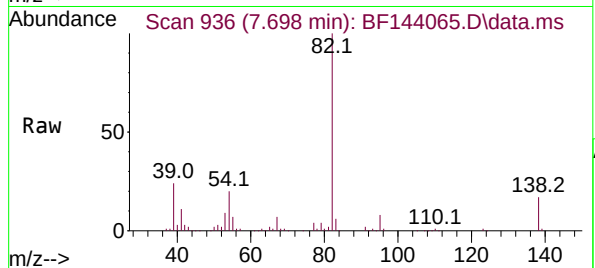




#25  
Isophorone  
Concen: 36.322 ng  
RT: 7.698 min Scan# 936  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

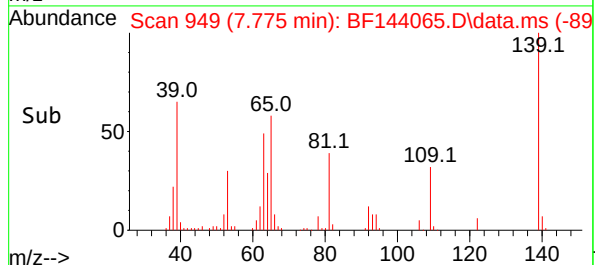
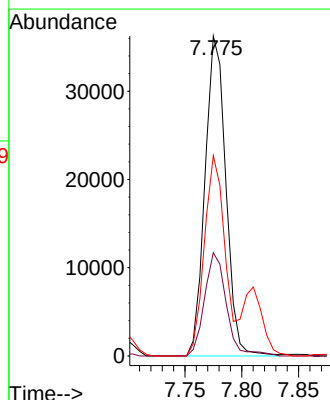
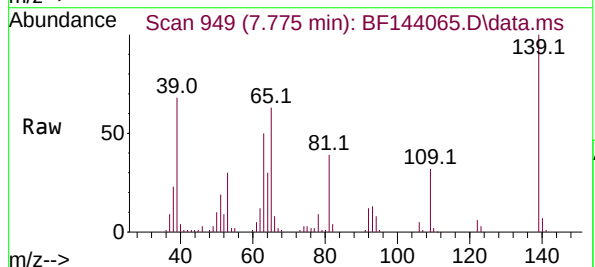
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

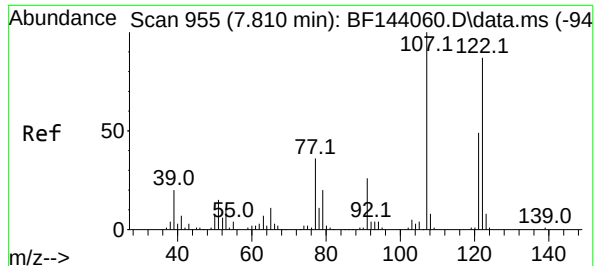
Tgt Ion: 82 Resp: 160608  
Ion Ratio Lower Upper  
82 100  
95 8.5 6.6 9.8  
138 17.2 13.8 20.8



#26  
2-Nitrophenol  
Concen: 36.360 ng  
RT: 7.775 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion: 139 Resp: 46278  
Ion Ratio Lower Upper  
139 100  
109 32.2 24.6 37.0  
65 62.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 39.405 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

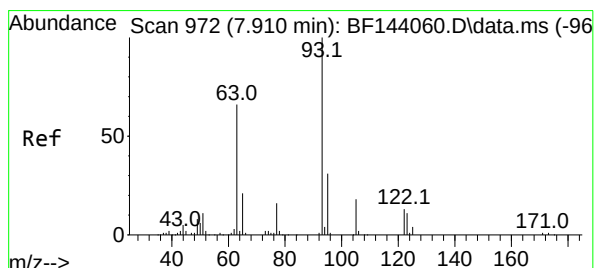
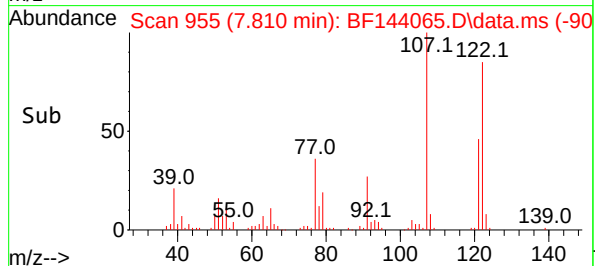
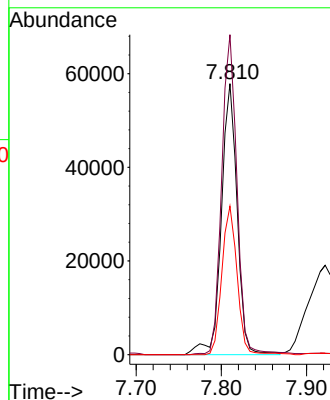
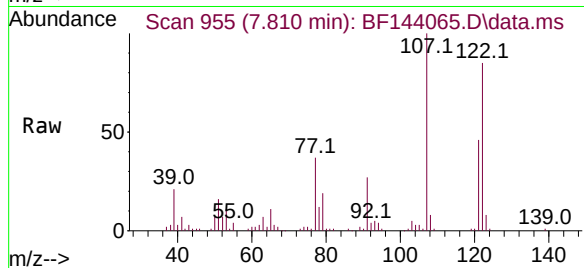
Tgt Ion:122 Resp: 74530

Ion Ratio Lower Upper

122 100

107 118.1 91.8 137.8

121 54.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.182 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

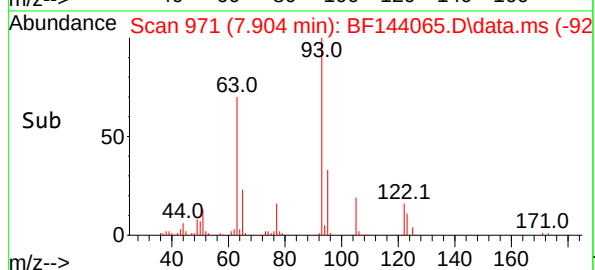
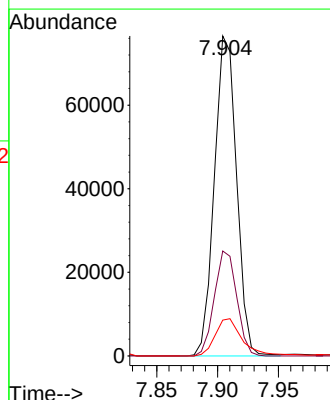
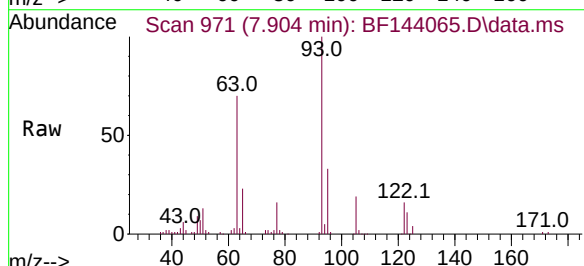
Tgt Ion: 93 Resp: 97014

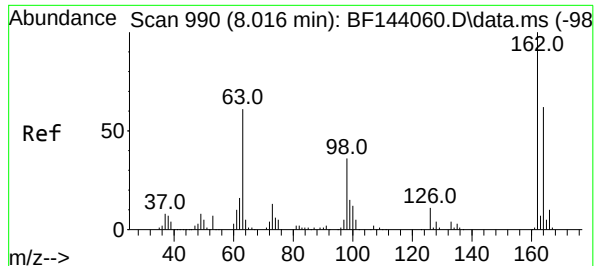
Ion Ratio Lower Upper

93 100

95 32.8 24.6 36.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 35.901 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

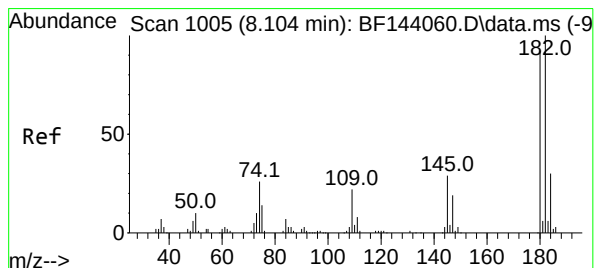
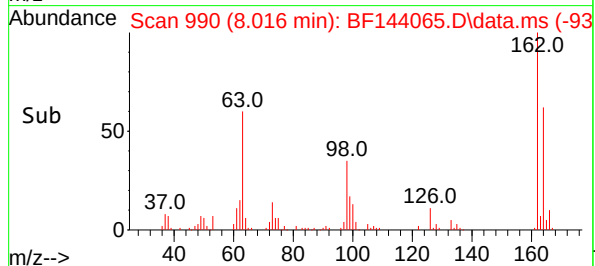
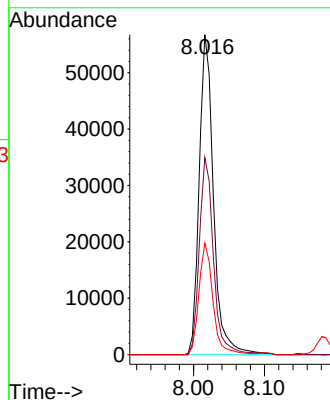
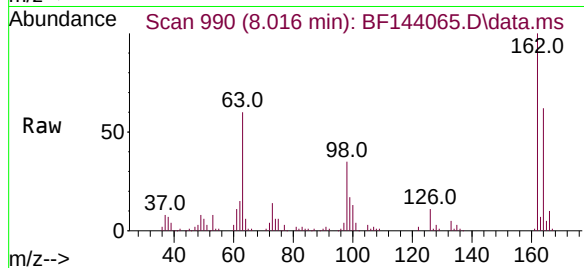
Tgt Ion:162 Resp: 78967

Ion Ratio Lower Upper

162 100

164 61.6 42.1 82.1

98 34.8 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 38.739 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

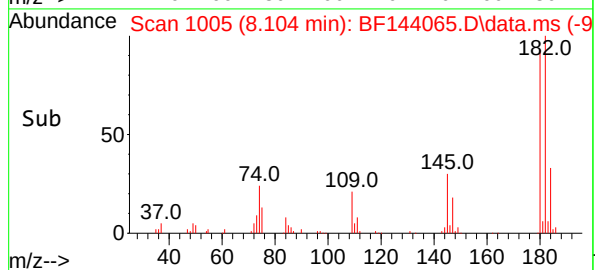
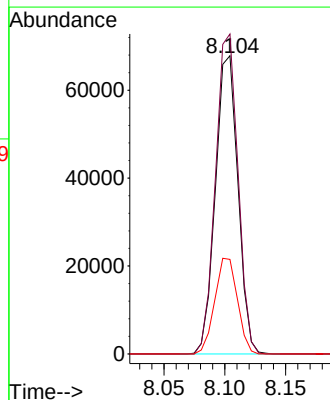
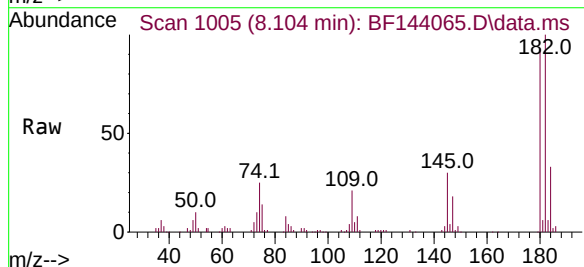
Tgt Ion:180 Resp: 87660

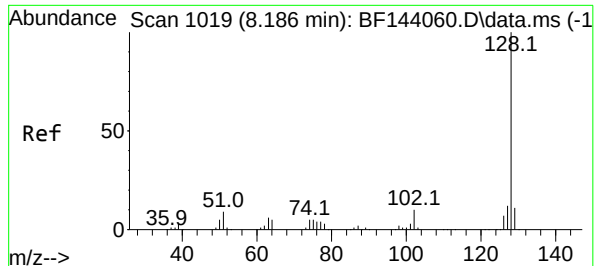
Ion Ratio Lower Upper

180 100

182 107.3 87.1 130.7

145 31.7 25.3 37.9

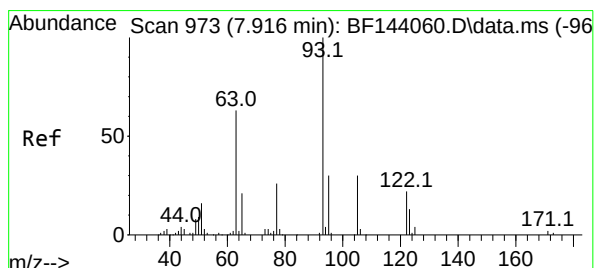
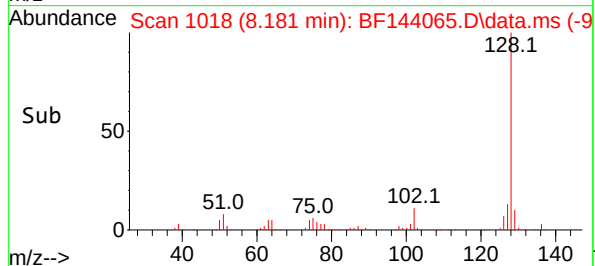
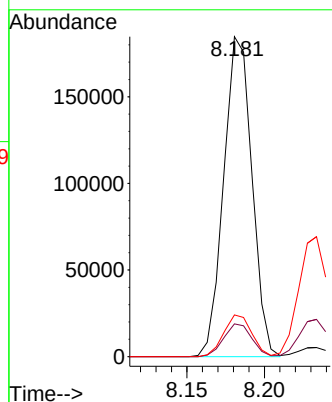
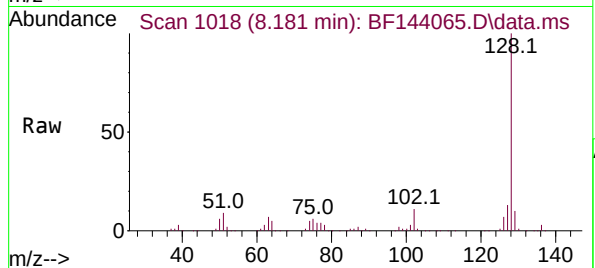




#31  
Naphthalene  
Concen: 35.834 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

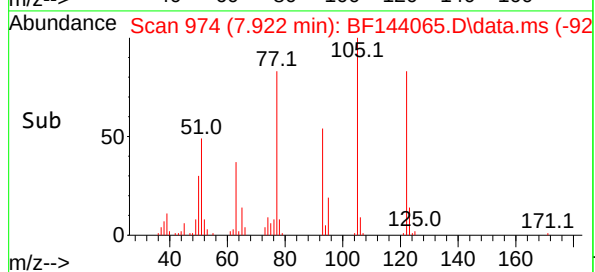
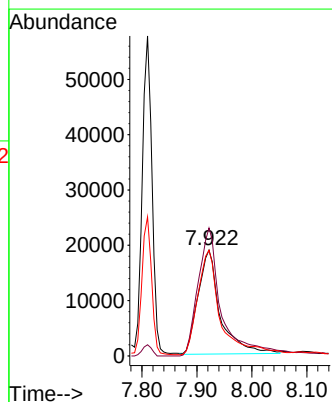
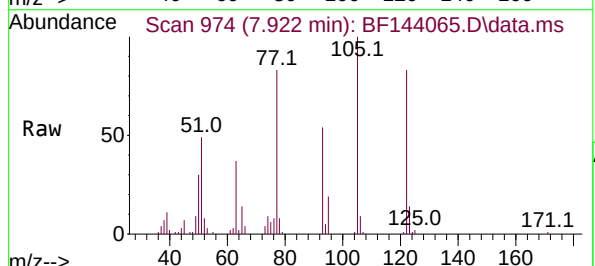
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

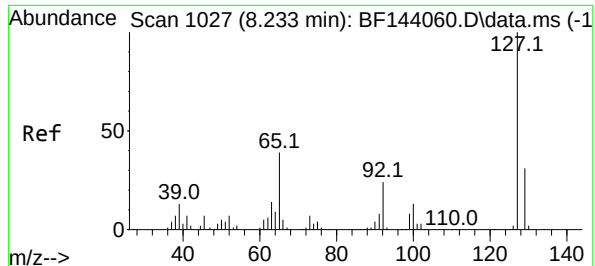
Tgt Ion:128 Resp: 234353  
Ion Ratio Lower Upper  
128 100  
129 10.2 8.4 12.6  
127 13.0 9.9 14.9



#32  
Benzoic acid  
Concen: 44.054 ng  
RT: 7.922 min Scan# 974  
Delta R.T. 0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion:122 Resp: 52854  
Ion Ratio Lower Upper  
122 100  
105 121.1 111.3 151.3  
77 100.0 96.7 136.7

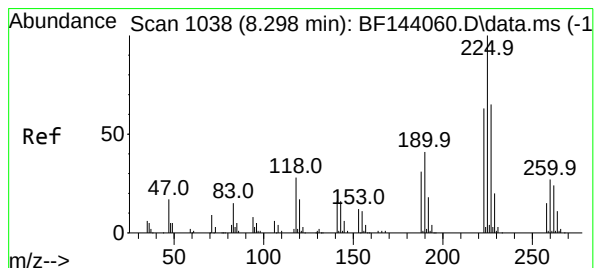
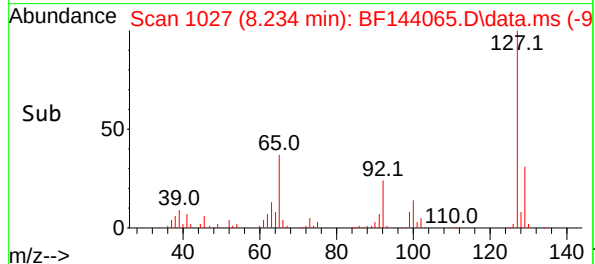
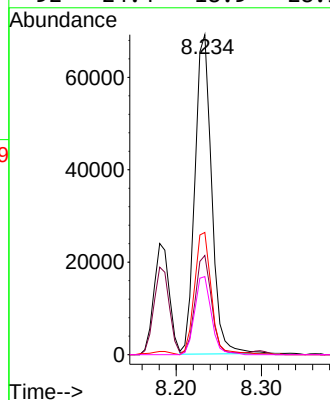
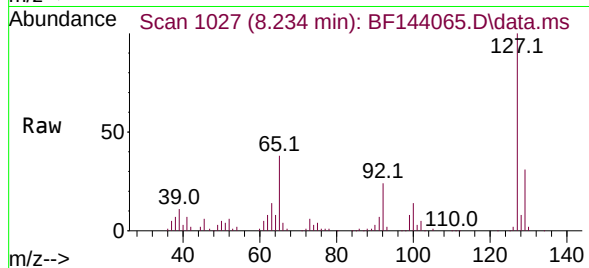




#33  
4-Chloroaniline  
Concen: 41.428 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

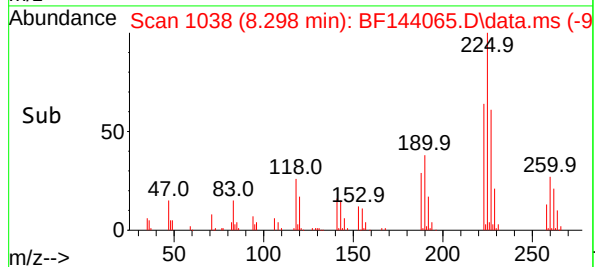
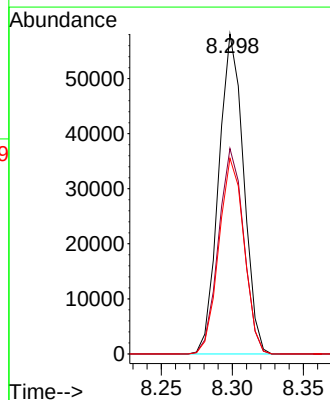
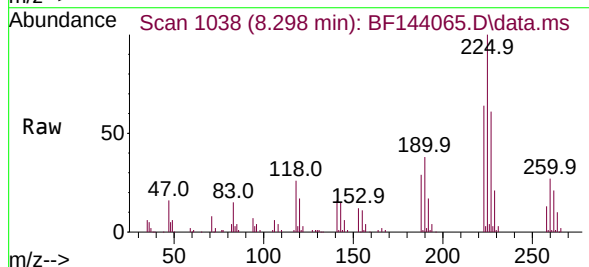
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

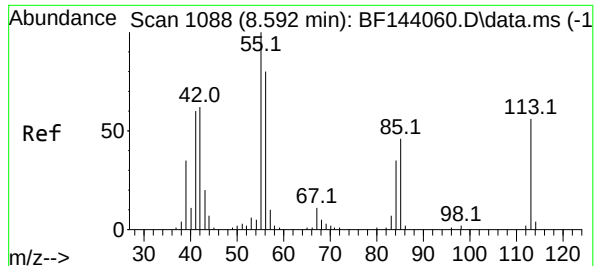
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 94319       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 31.0  | 25.6 38.4   |
| 65          | 38.2  | 30.9 46.3   |
| 92          | 24.4  | 18.9 28.3   |



#34  
Hexachlorobutadiene  
Concen: 38.260 ng  
RT: 8.298 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 70793       |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 64.2  | 50.6 76.0   |
| 227         | 61.1  | 51.8 77.8   |





#35

Caprolactam

Concen: 35.331 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

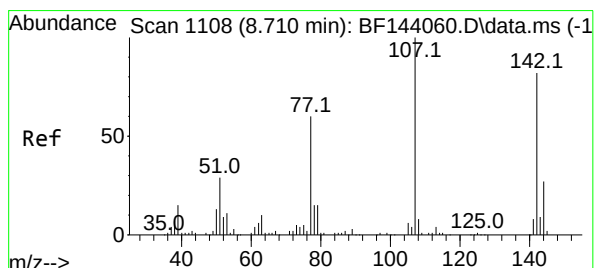
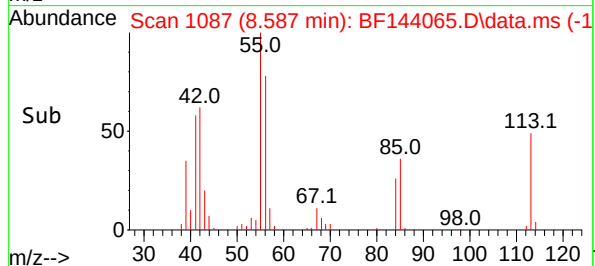
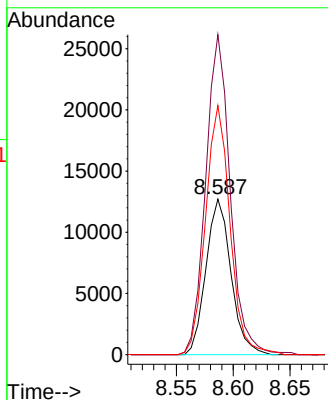
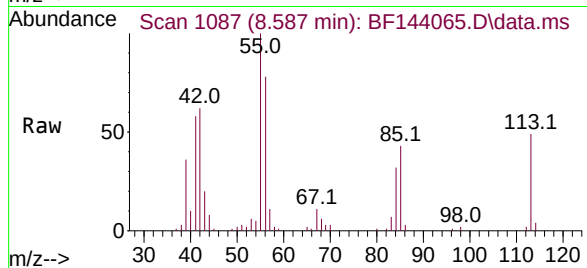
Tgt Ion:113 Resp: 19488

Ion Ratio Lower Upper

113 100

55 205.9 160.1 200.1#

56 160.2 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 36.112 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

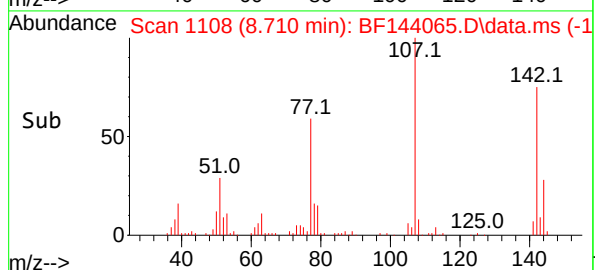
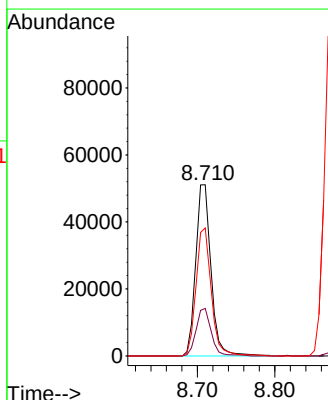
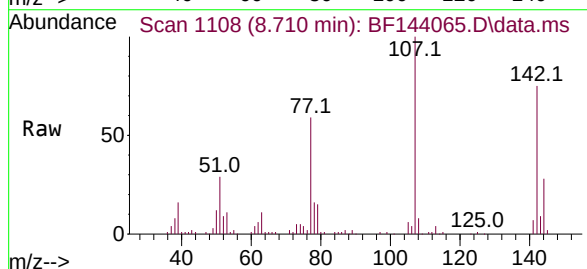
Tgt Ion:107 Resp: 70096

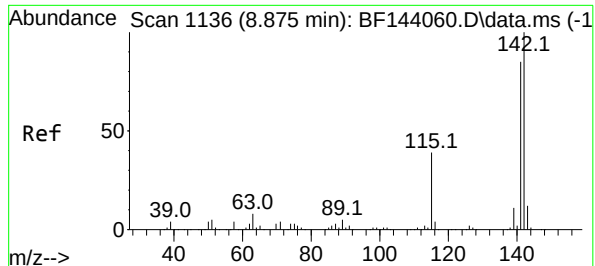
Ion Ratio Lower Upper

107 100

144 27.7 21.6 32.4

142 74.8 65.4 98.0





#37

2-Methylnaphthalene

Concen: 33.233 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

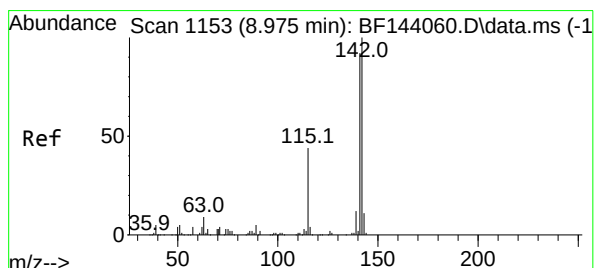
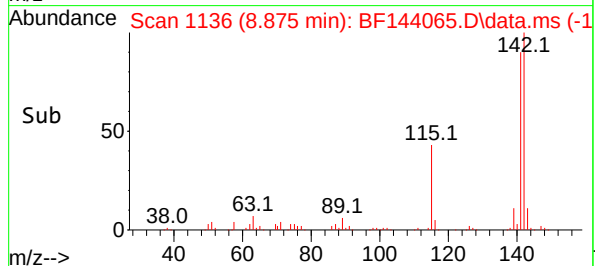
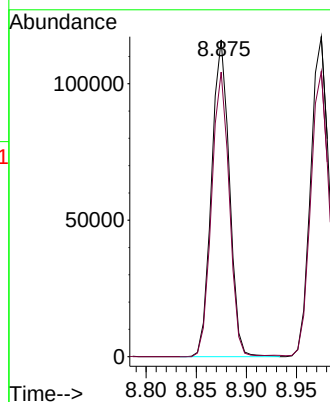
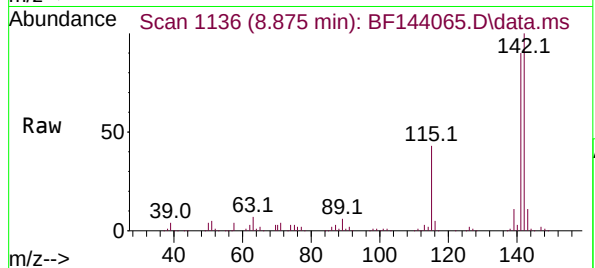
ICVBF102425

Tgt Ion:142 Resp: 143296

Ion Ratio Lower Upper

142 100

141 89.8 67.6 101.4



#38

1-Methylnaphthalene

Concen: 35.945 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144065.D

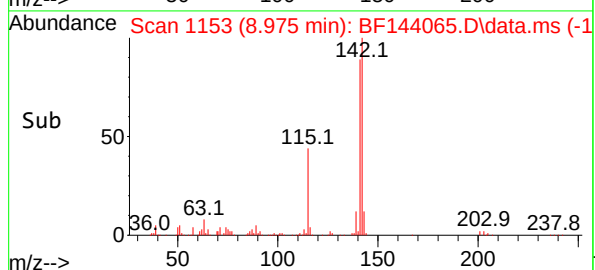
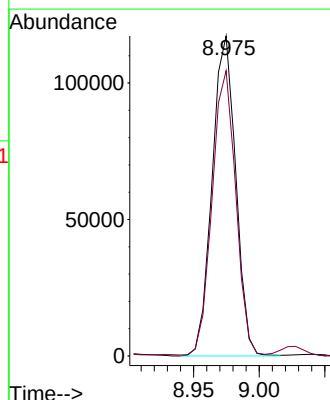
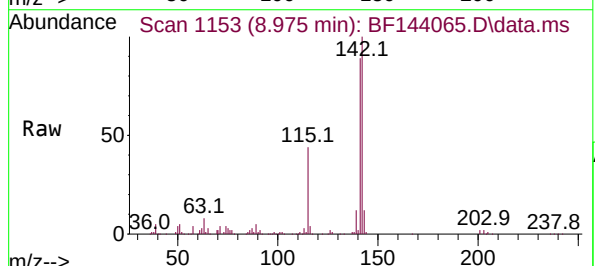
Acq: 24 Oct 2025 17:22

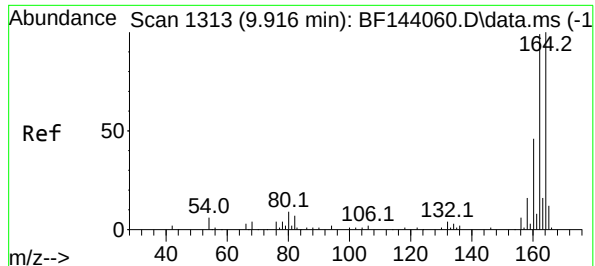
Tgt Ion:142 Resp: 146838

Ion Ratio Lower Upper

142 100

141 89.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144065.D

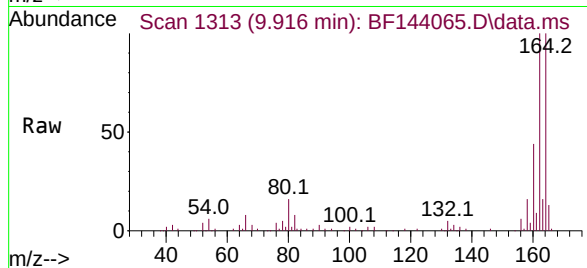
Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425



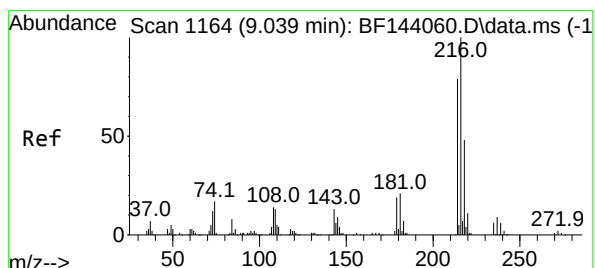
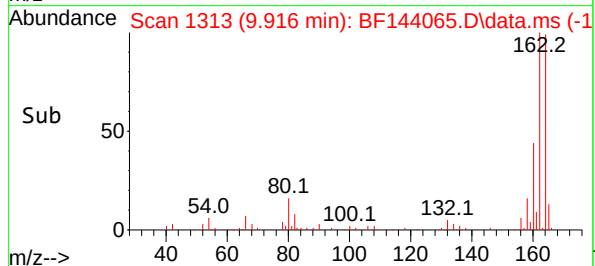
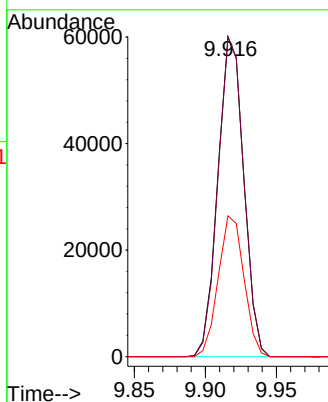
Tgt Ion:164 Resp: 76145

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.2

160 44.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.121 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:216 Resp: 91910

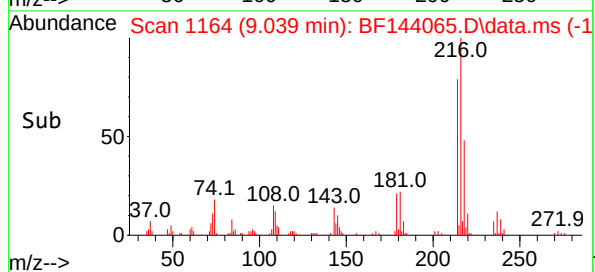
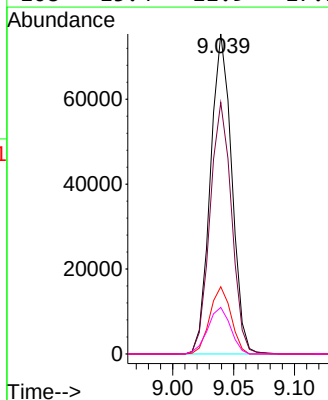
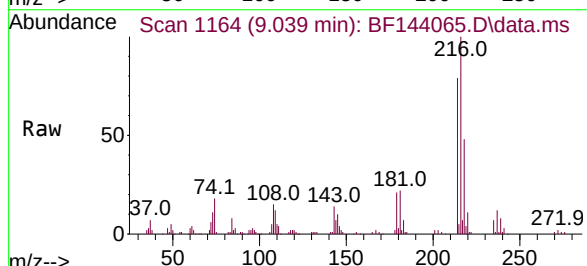
Ion Ratio Lower Upper

216 100

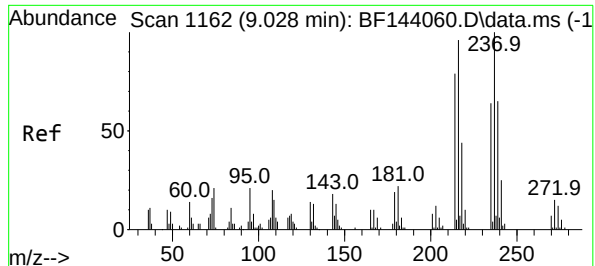
214 79.3 63.2 94.8

179 20.8 15.2 22.8

108 15.4 11.9 17.9



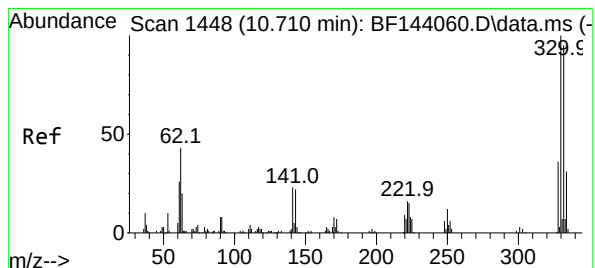
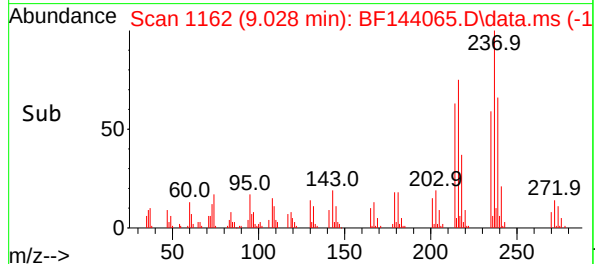
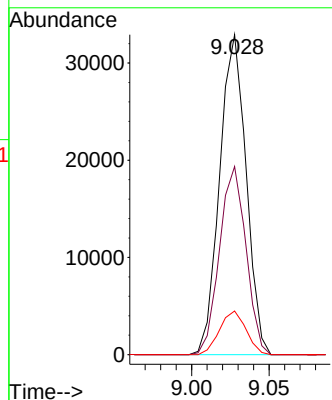
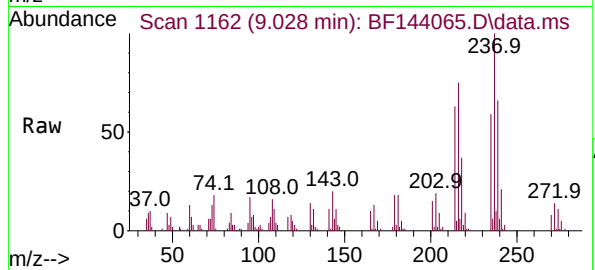




#41  
Hexachlorocyclopentadiene  
Concen: 48.585 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

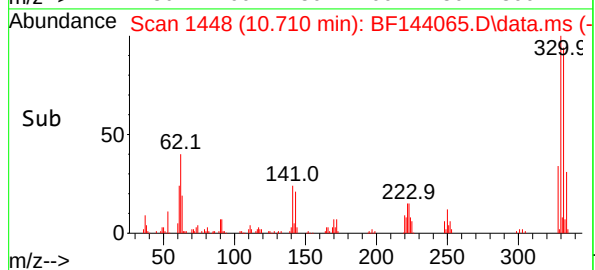
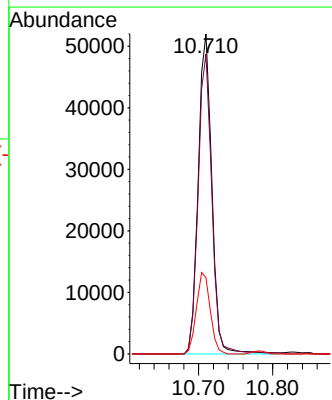
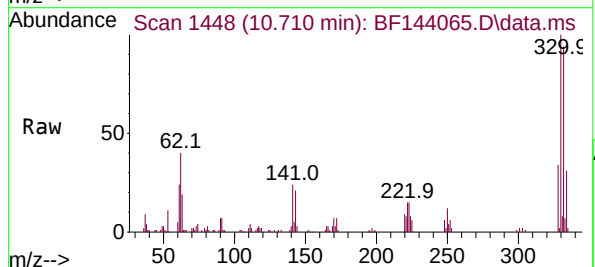
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

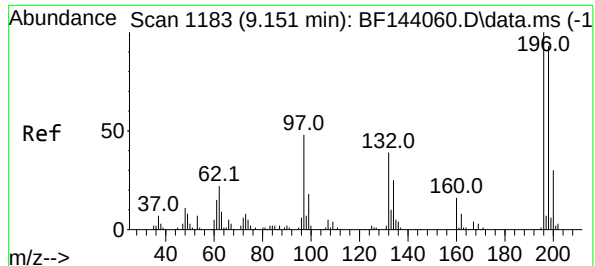
Tgt Ion: 237 Resp: 39270  
Ion Ratio Lower Upper  
237 100  
235 58.8 44.3 84.3  
272 13.6 0.0 35.2



#42  
2,4,6-Tribromophenol  
Concen: 68.551 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion: 330 Resp: 66490  
Ion Ratio Lower Upper  
330 100  
332 94.2 77.0 115.6  
141 25.7 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 33.986 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144065.D

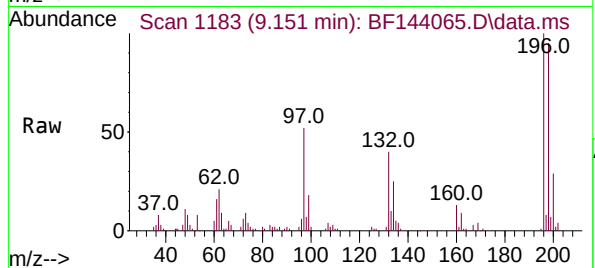
Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425



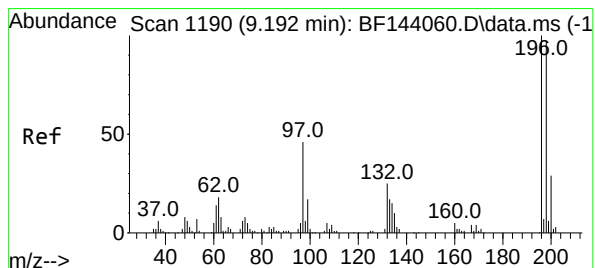
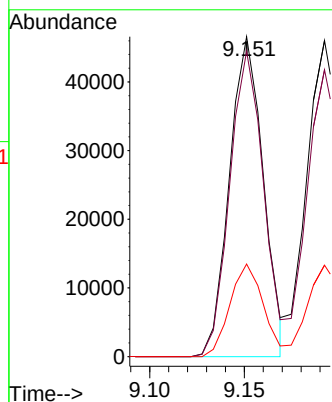
Tgt Ion:196 Resp: 57810

Ion Ratio Lower Upper

196 100

198 95.5 74.4 111.6

200 28.9 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 36.018 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:196 Resp: 64300

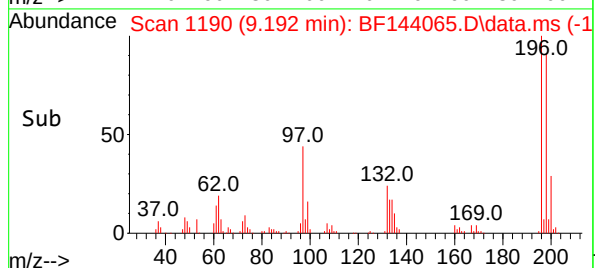
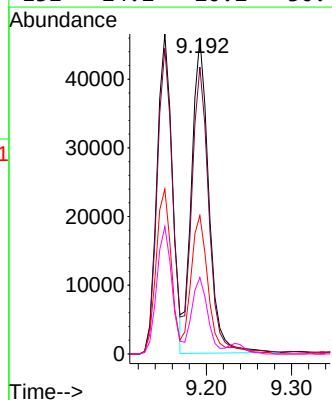
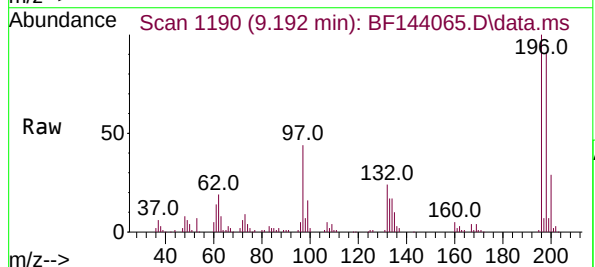
Ion Ratio Lower Upper

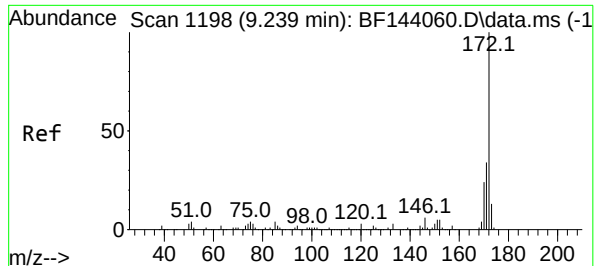
196 100

198 90.7 78.0 117.0

97 43.7 37.7 56.5

132 24.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 67.717 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

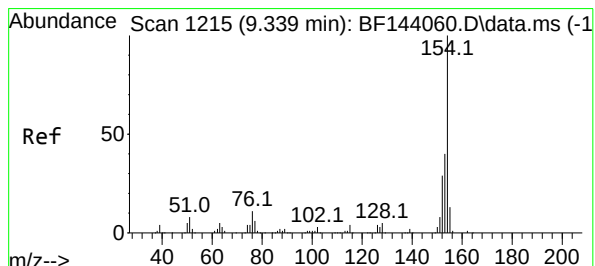
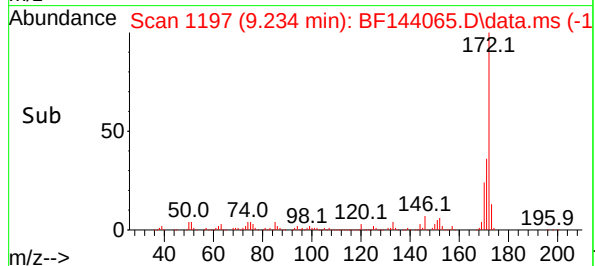
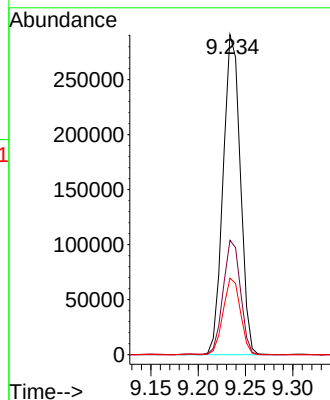
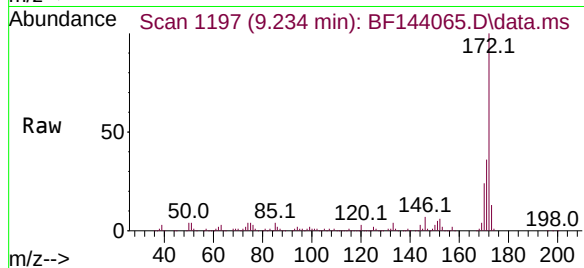
Tgt Ion:172 Resp: 366420

Ion Ratio Lower Upper

172 100

171 35.7 27.5 41.3

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 35.345 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

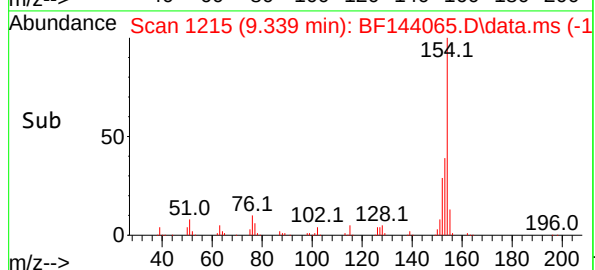
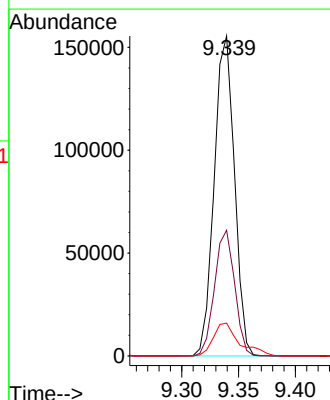
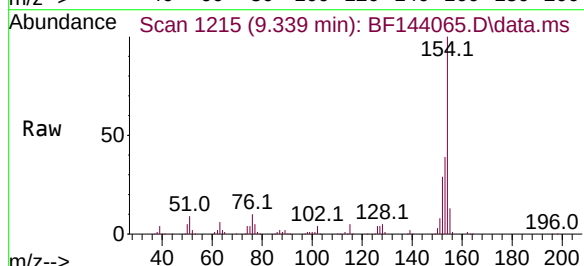
Tgt Ion:154 Resp: 192660

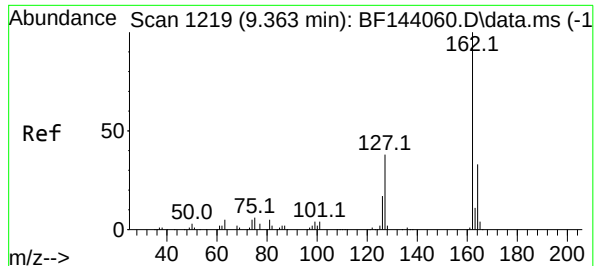
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 10.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 34.908 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

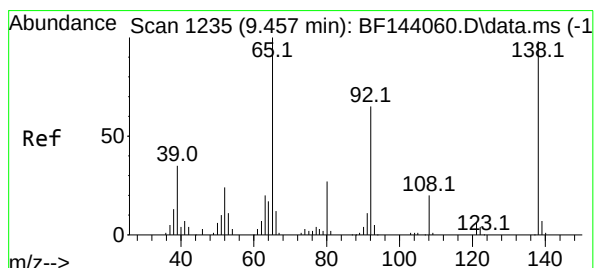
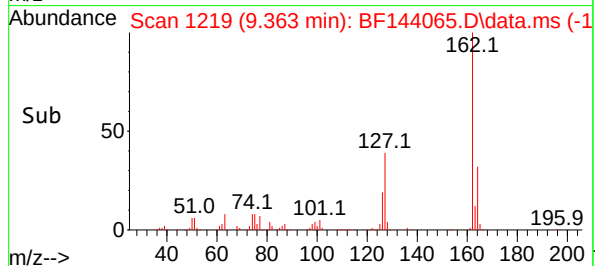
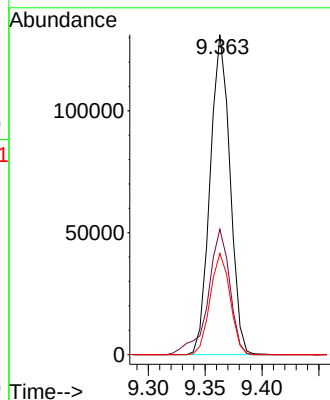
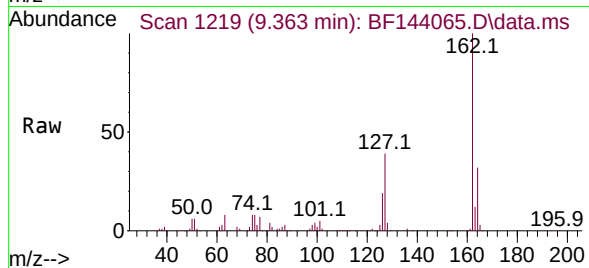
Tgt Ion:162 Resp: 159410

Ion Ratio Lower Upper

162 100

127 39.2 31.6 47.4

164 31.6 26.5 39.7



#48

2-Nitroaniline

Concen: 36.621 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

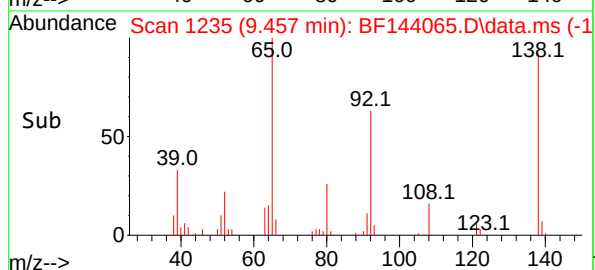
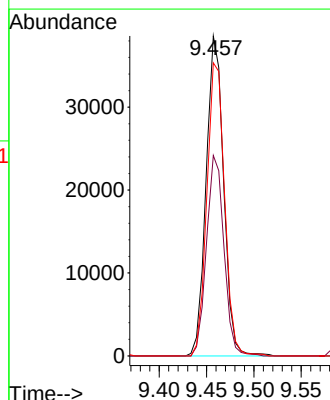
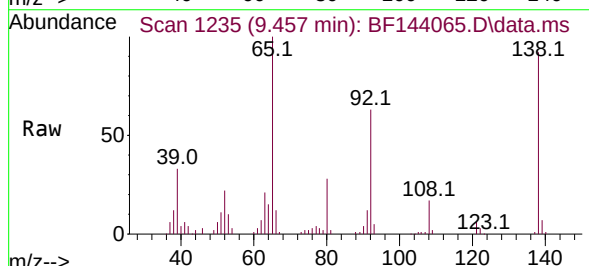
Tgt Ion: 65 Resp: 49659

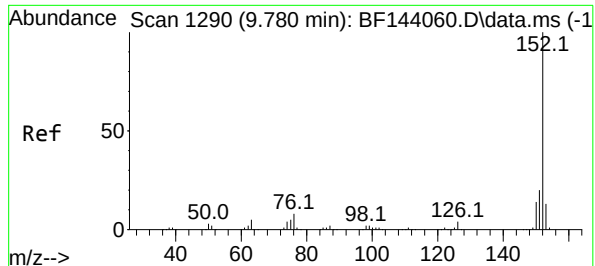
Ion Ratio Lower Upper

65 100

92 62.6 52.3 78.5

138 91.6 78.3 117.5





#49

Acenaphthylene

Concen: 39.474 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144065.D

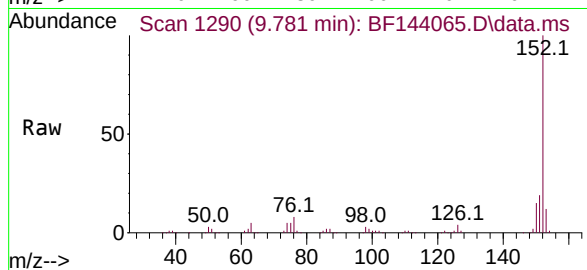
Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425



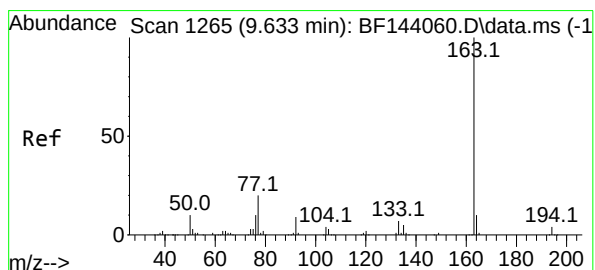
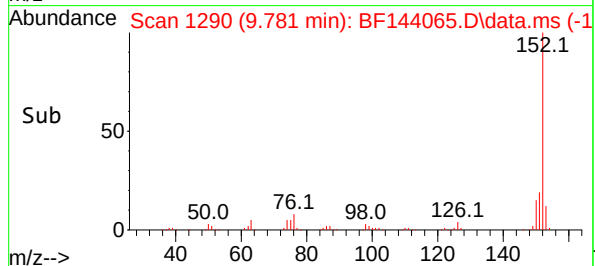
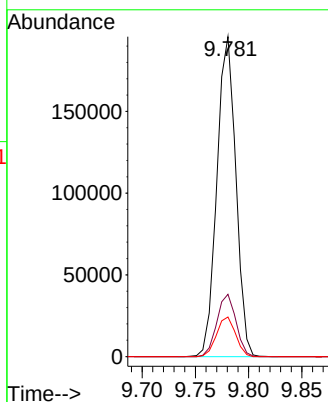
Tgt Ion:152 Resp: 243055

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.4 10.4 15.6



#50

Dimethylphthalate

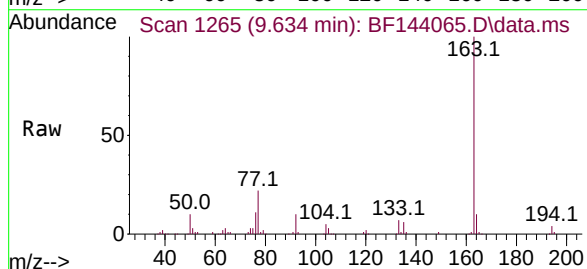
Concen: 34.098 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22



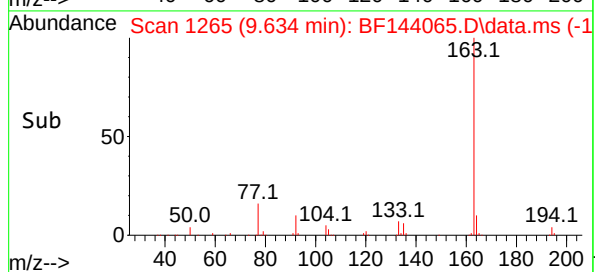
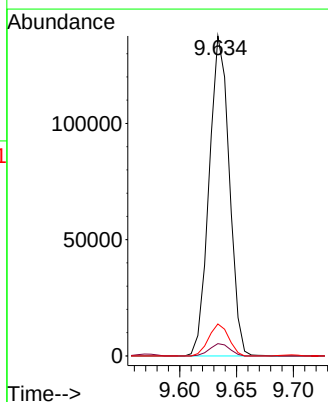
Tgt Ion:163 Resp: 170189

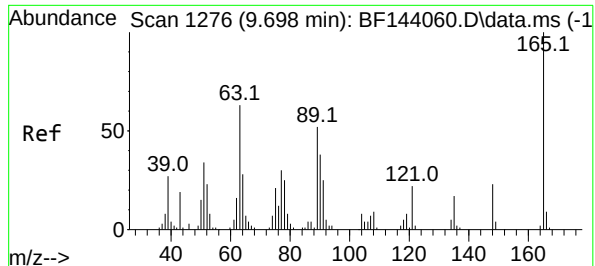
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

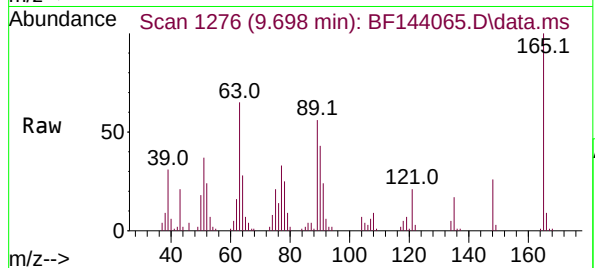
164 10.0 7.8 11.8



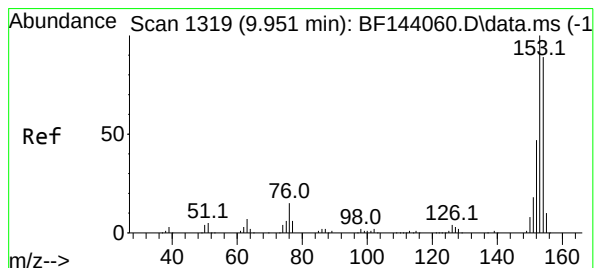
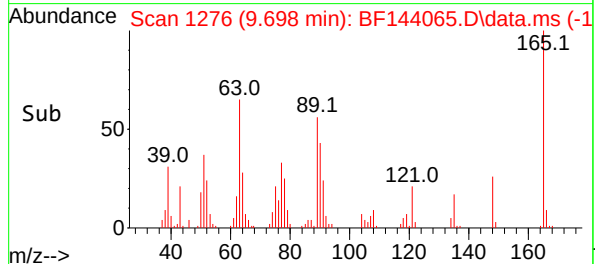
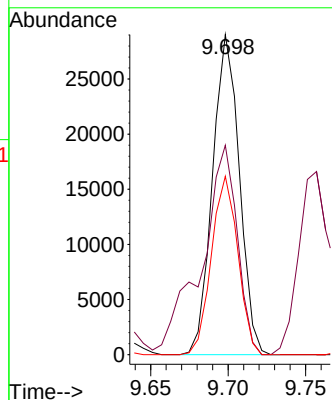


#51  
2,6-Dinitrotoluene  
Concen: 35.461 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

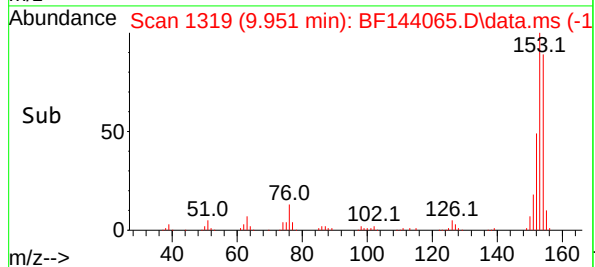
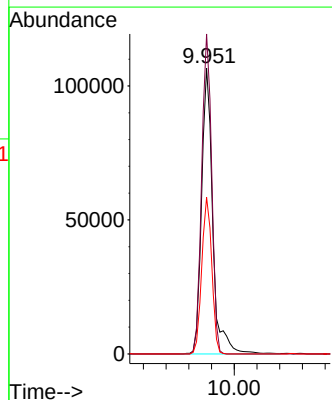
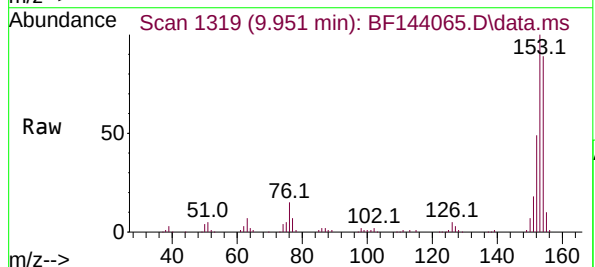


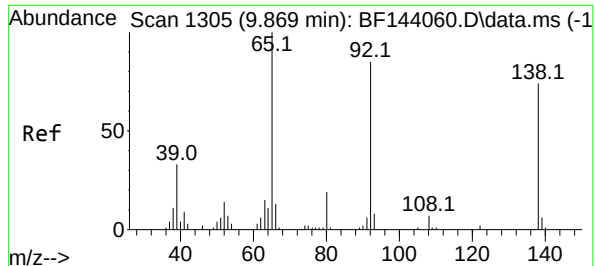
Tgt Ion:165 Resp: 34990  
Ion Ratio Lower Upper  
165 100  
63 65.4 50.4 75.6  
89 55.7 41.4 62.2



#52  
Acenaphthene  
Concen: 35.145 ng  
RT: 9.951 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion:154 Resp: 144520  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.9 134.9  
152 54.8 42.0 63.0





#53

3-Nitroaniline

Concen: 35.804 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

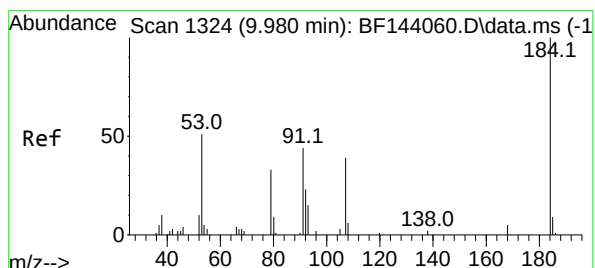
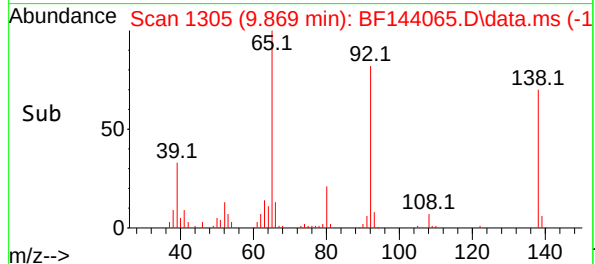
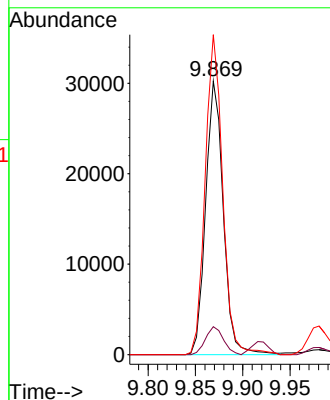
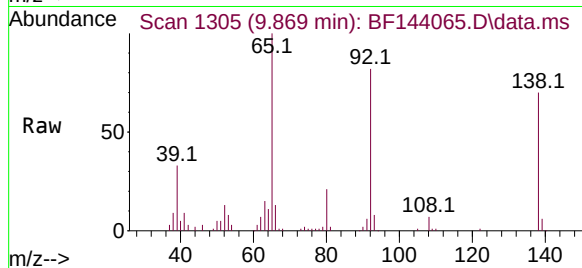
Tgt Ion:138 Resp: 39278

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

92 117.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 41.102 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

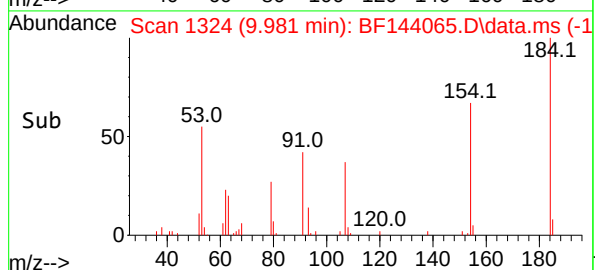
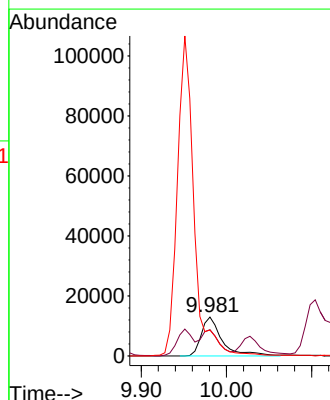
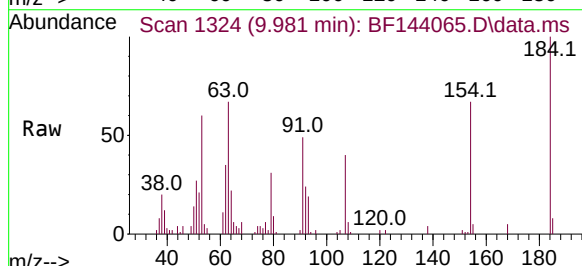
Tgt Ion:184 Resp: 21935

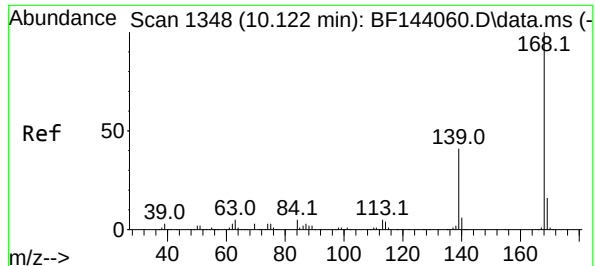
Ion Ratio Lower Upper

184 100

63 67.5 52.1 78.1

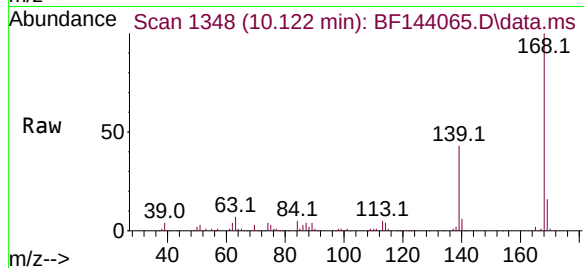
154 66.5 47.9 71.9



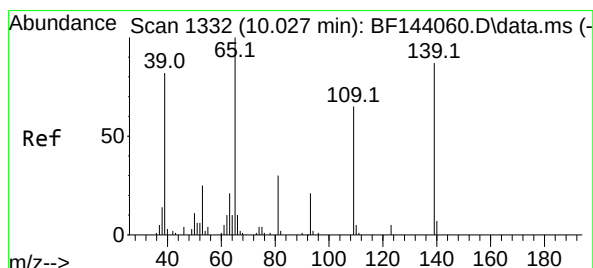
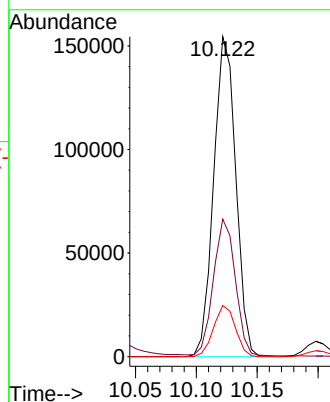
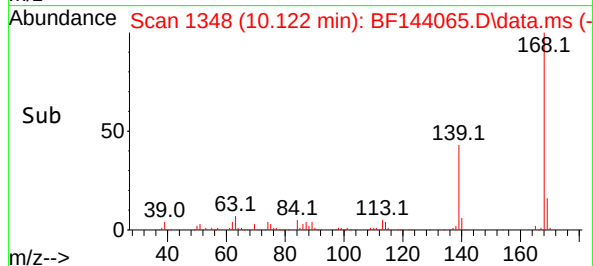


#55  
Dibenzenofuran  
Concen: 34.140 ng  
RT: 10.122 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

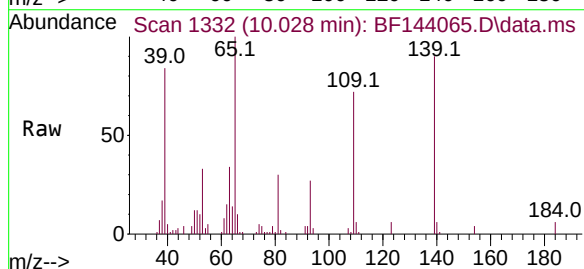
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425



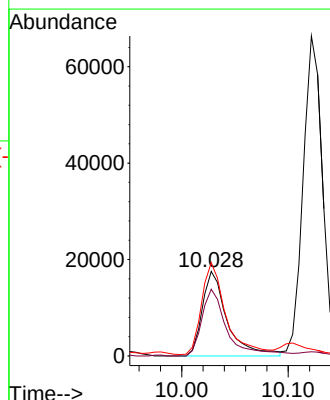
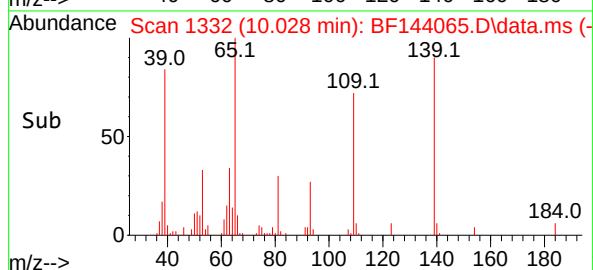
Tgt Ion:168 Resp: 194900  
Ion Ratio Lower Upper  
168 100  
139 43.0 33.2 49.8  
169 16.0 12.6 19.0



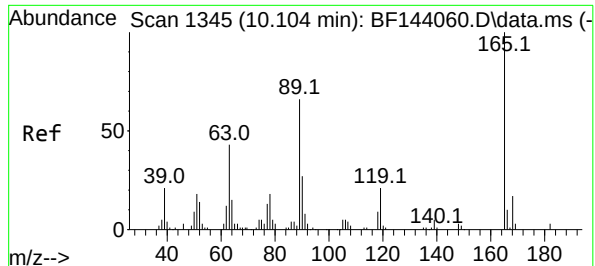
#56  
4-Nitrophenol  
Concen: 38.254 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22



Tgt Ion:139 Resp: 28418  
Ion Ratio Lower Upper  
139 100  
109 79.1 53.8 93.8  
65 110.6 95.9 135.9







#57

2,4-Dinitrotoluene

Concen: 37.002 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

Tgt Ion:165 Resp: 49275

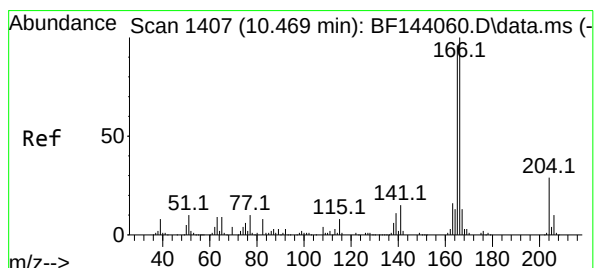
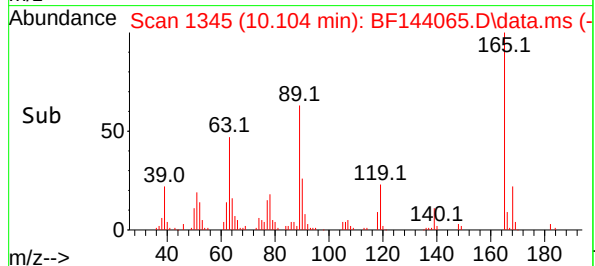
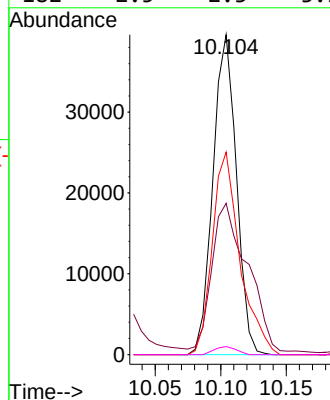
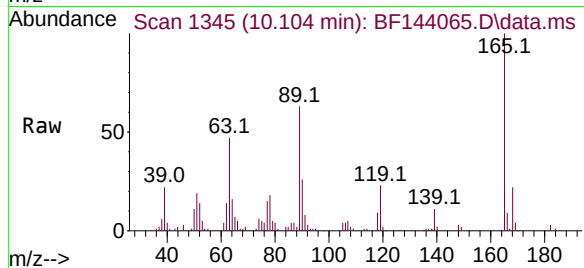
Ion Ratio Lower Upper

165 100

63 47.3 35.4 53.2

89 63.3 52.7 79.1

182 2.5 2.3 3.5



#58

Fluorene

Concen: 34.864 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

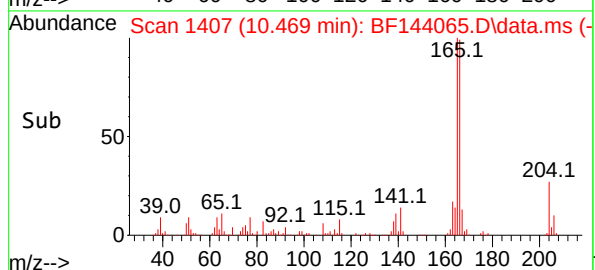
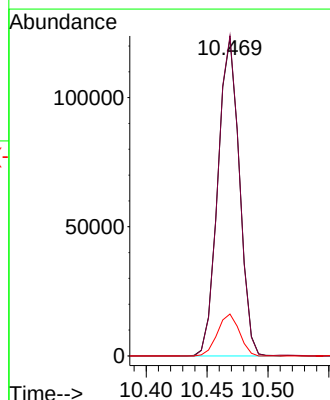
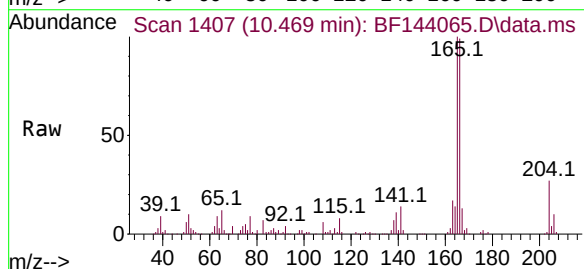
Tgt Ion:166 Resp: 151653

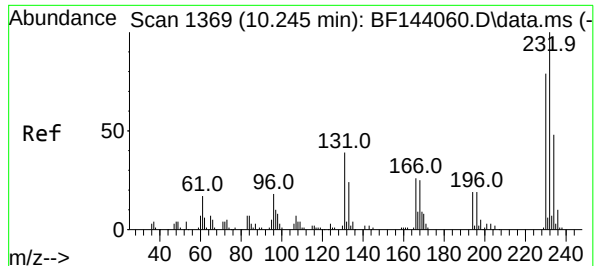
Ion Ratio Lower Upper

166 100

165 100.7 77.0 115.4

167 13.2 10.2 15.4

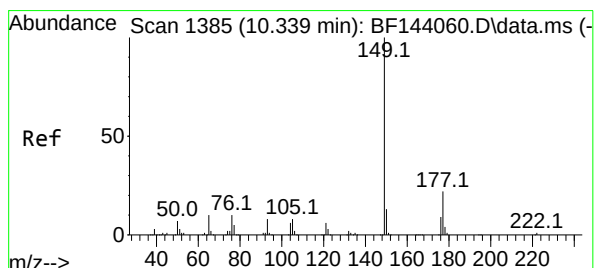
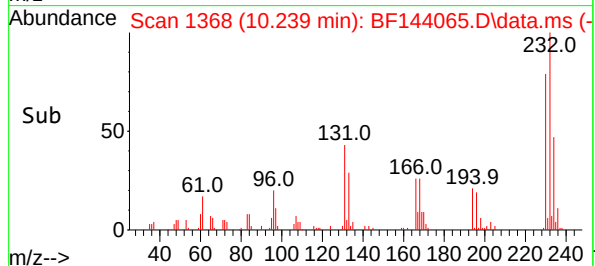
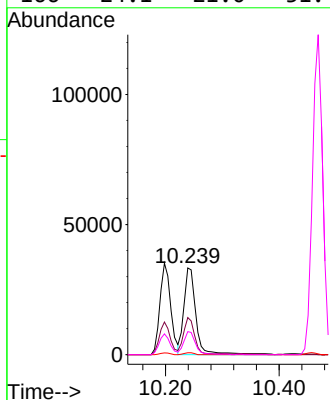
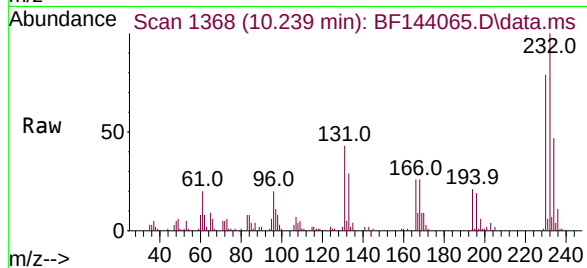




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.232 ng  
RT: 10.239 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

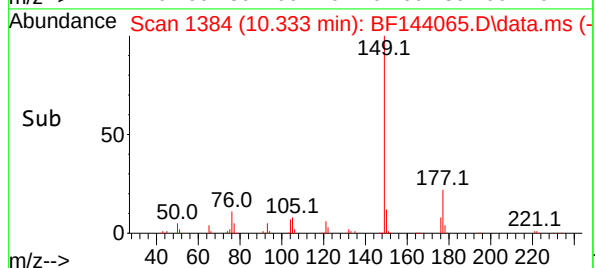
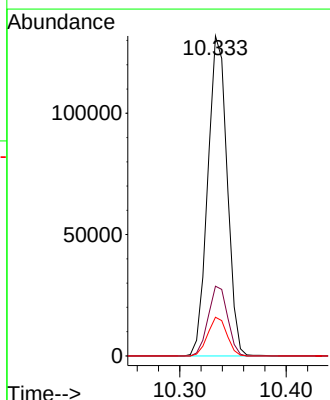
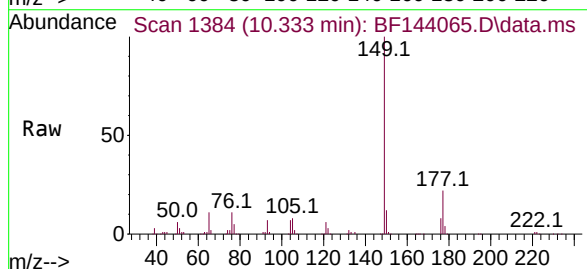
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

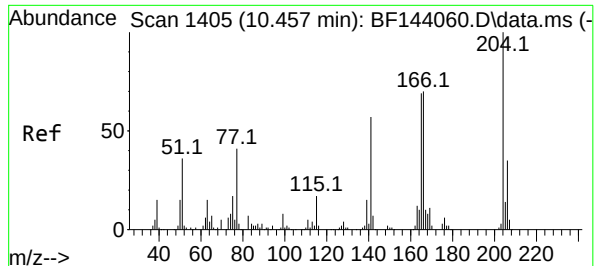
Tgt Ion:232 Resp: 49354  
Ion Ratio Lower Upper  
232 100  
131 36.9 31.9 47.9  
130 1.7 1.1 1.7#  
166 24.1 21.0 31.4



#60  
Diethylphthalate  
Concen: 35.442 ng  
RT: 10.333 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 166357  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.8 26.6  
150 12.1 10.1 15.1

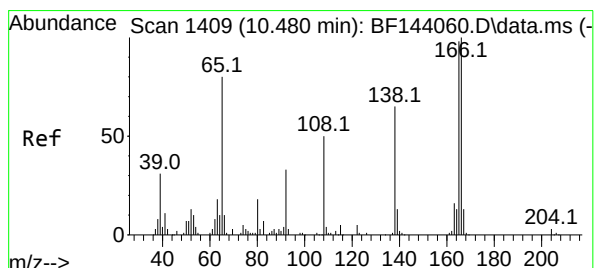
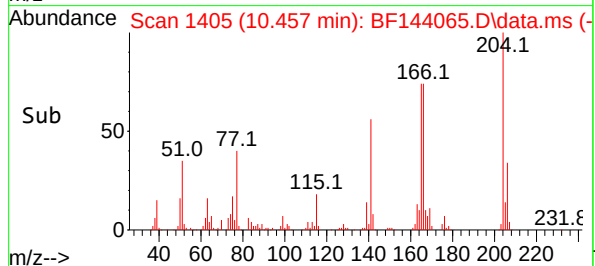
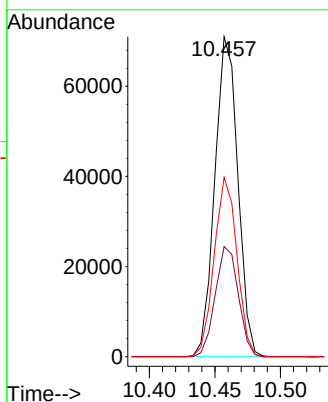
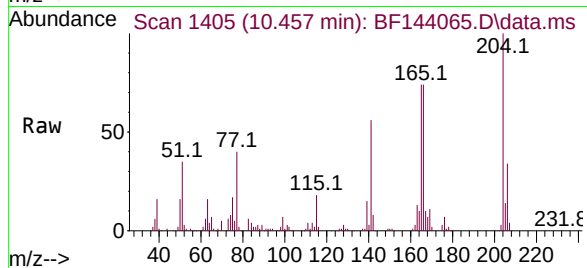




#61  
4-Chlorophenyl-phenylether  
Concen: 35.479 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

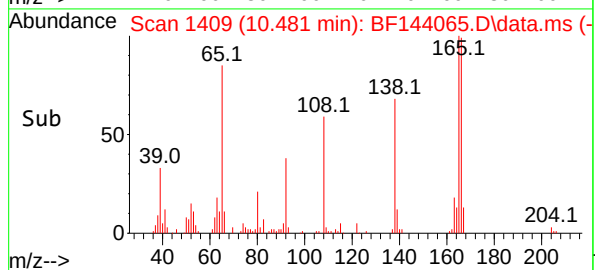
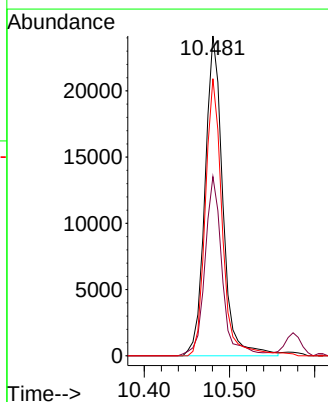
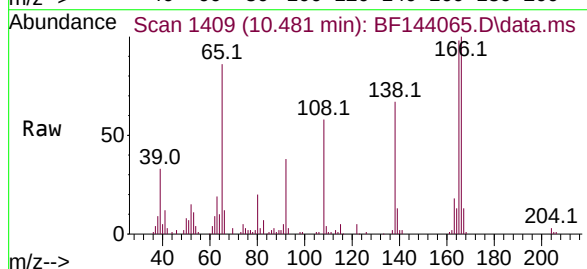
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

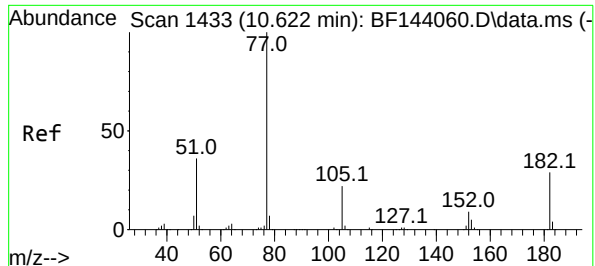
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.4  | 27.8  | 41.6  |
| 141     | 56.0  | 45.4  | 68.2  |



#62  
4-Nitroaniline  
Concen: 33.756 ng  
RT: 10.481 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.0  | 30.5  | 70.5  |
| 108     | 86.6  | 56.2  | 96.2  |

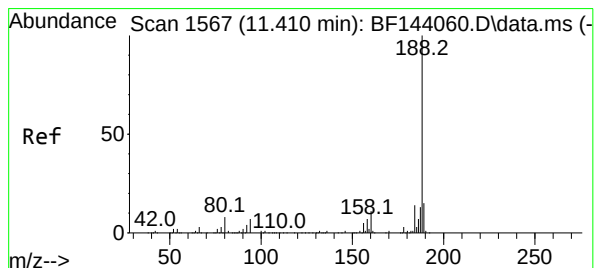
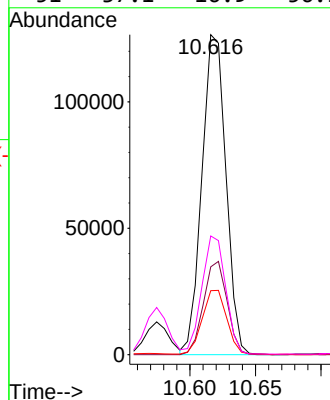
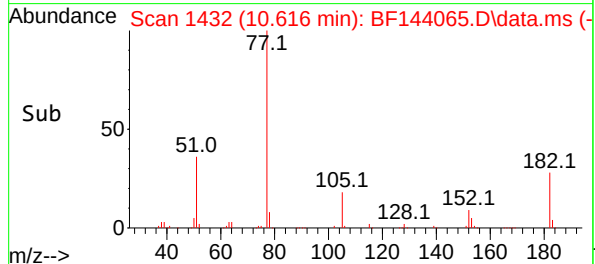
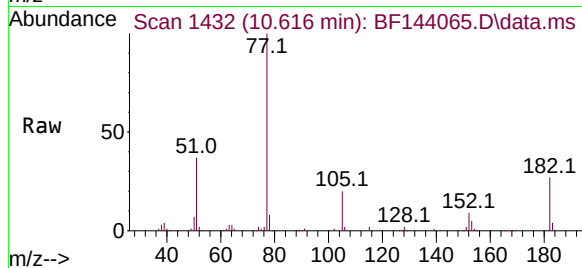




#63  
Azobenzene  
Concen: 36.422 ng  
RT: 10.616 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

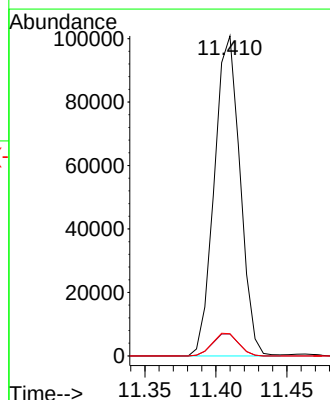
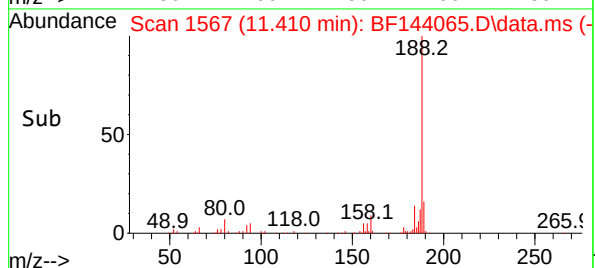
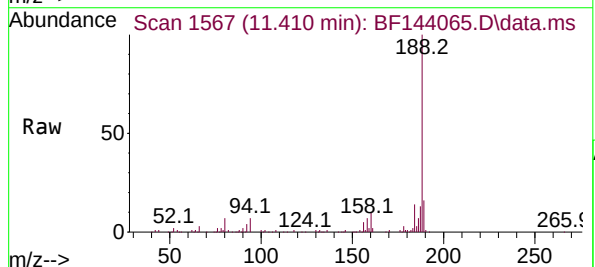
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

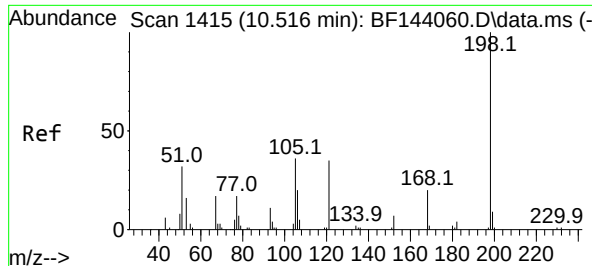
Tgt Ion: 77 Resp: 161807  
Ion Ratio Lower Upper  
77 100  
182 27.4 9.0 49.0  
105 20.0 1.4 41.4  
51 37.1 16.9 56.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion: 188 Resp: 127305  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.4 8.0  
80 6.9 6.0 9.0

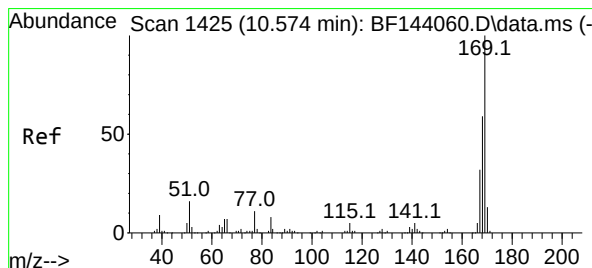
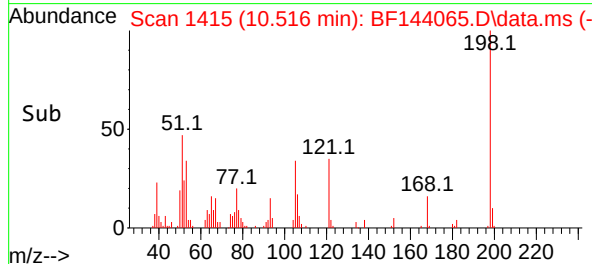
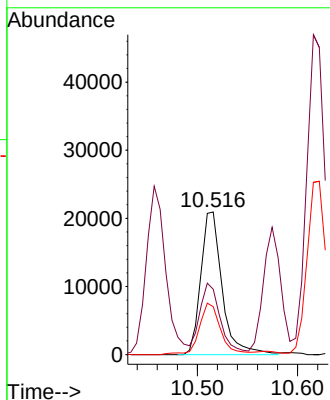
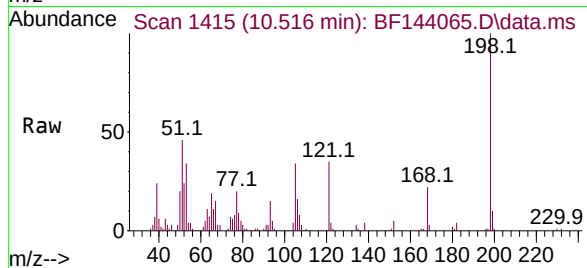




#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.867 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

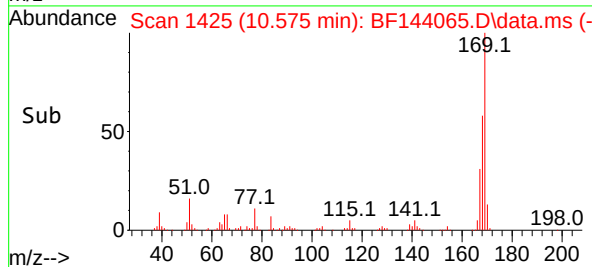
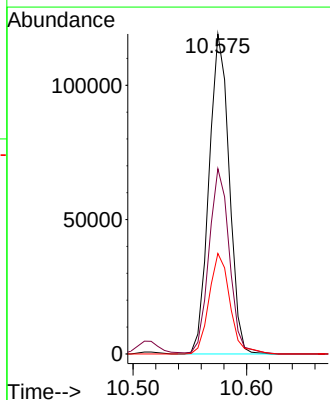
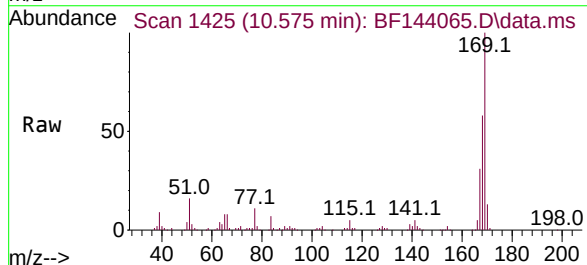
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

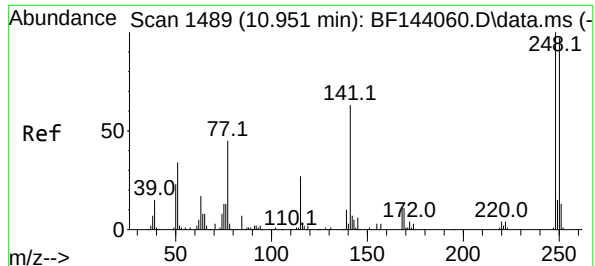
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 45.8  | 25.8  | 65.8  |
| 105     | 33.6  | 17.2  | 57.2  |



#66  
n-Nitrosodiphenylamine  
Concen: 36.075 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 57.9  | 47.4  | 71.2  |
| 167     | 31.4  | 25.5  | 38.3  |

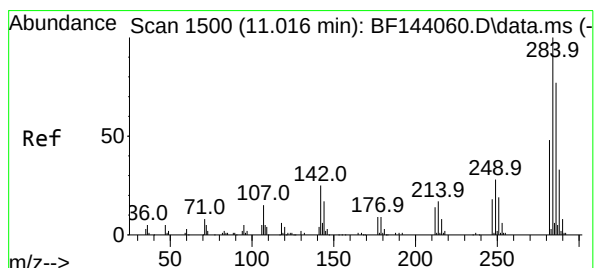
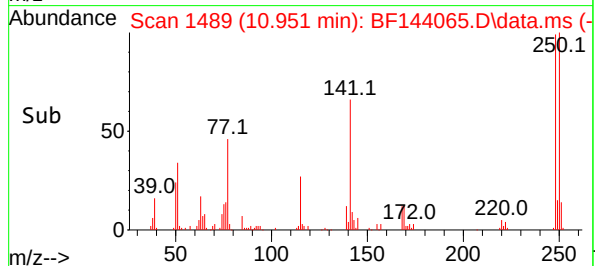
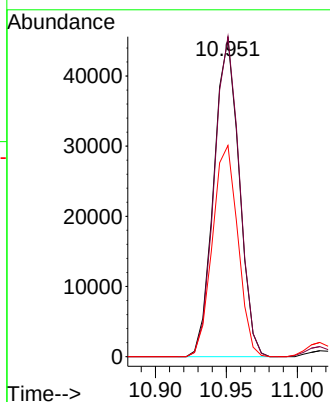
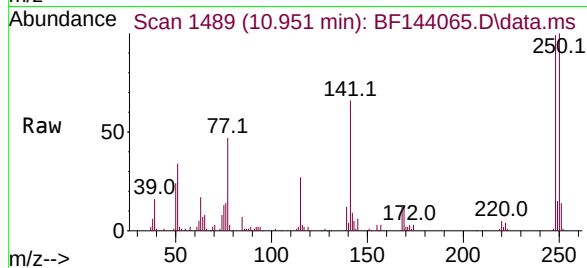




#67  
4-Bromophenyl-phenylether  
Concen: 35.313 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

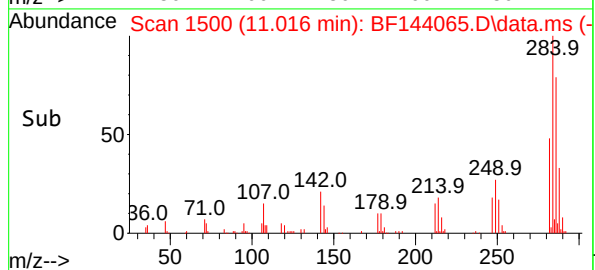
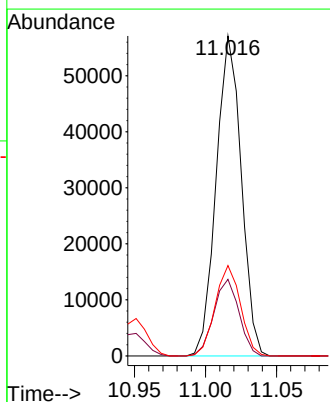
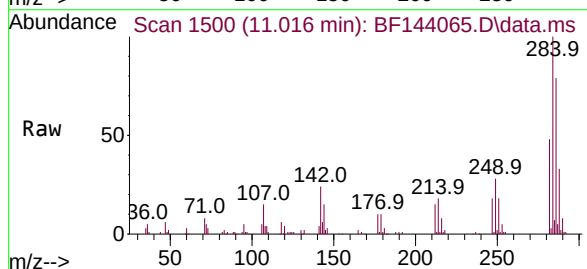
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

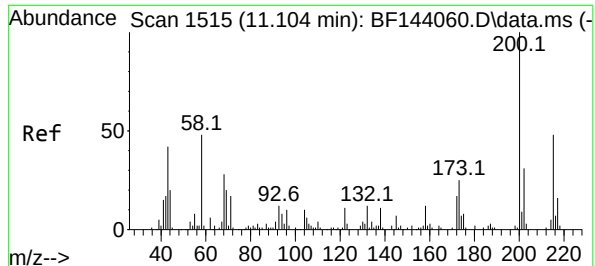
Tgt Ion:248 Resp: 56286  
Ion Ratio Lower Upper  
248 100  
250 100.6 77.8 116.6  
141 66.4 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 35.903 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion:284 Resp: 70184  
Ion Ratio Lower Upper  
284 100  
142 23.9 20.0 30.0  
249 28.2 22.2 33.2





#69

Atrazine

Concen: 36.643 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

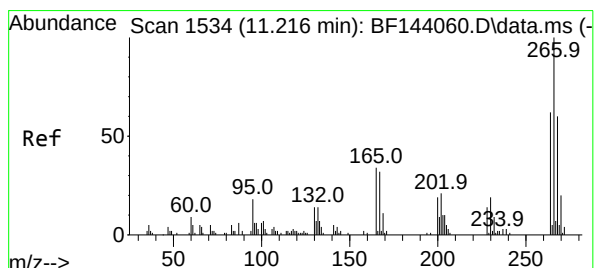
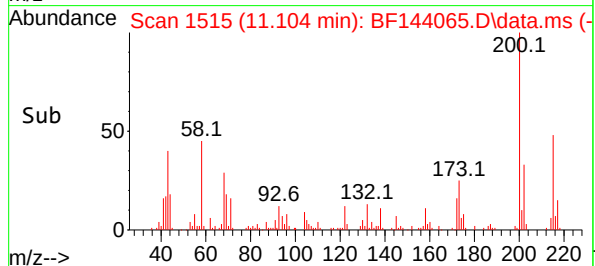
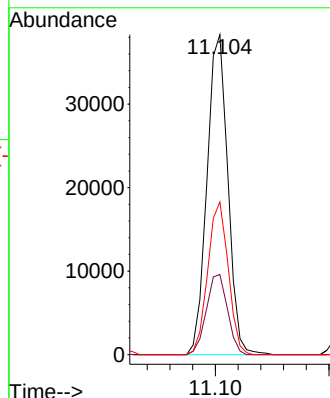
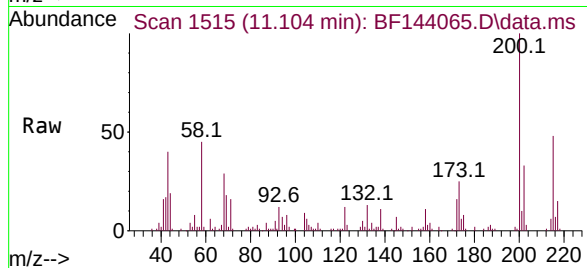
Tgt Ion:200 Resp: 48908

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 33.237 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

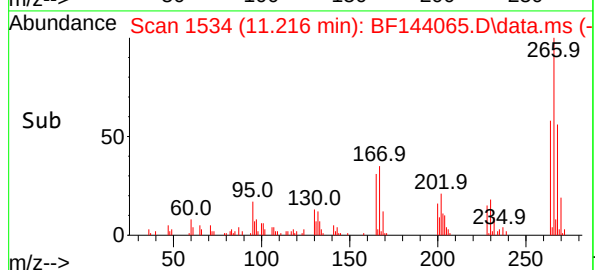
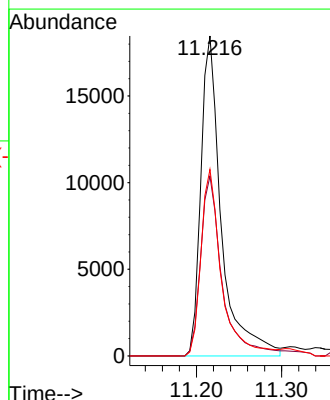
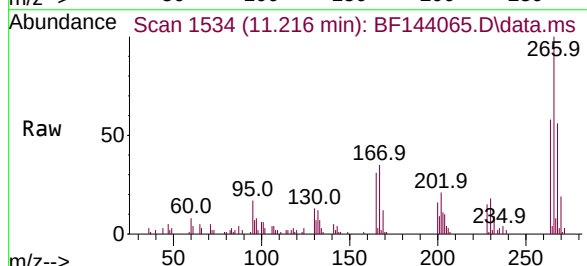
Tgt Ion:266 Resp: 30927

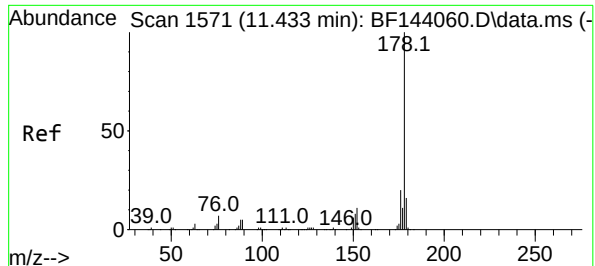
Ion Ratio Lower Upper

266 100

268 56.2 48.2 72.4

264 58.3 49.4 74.0

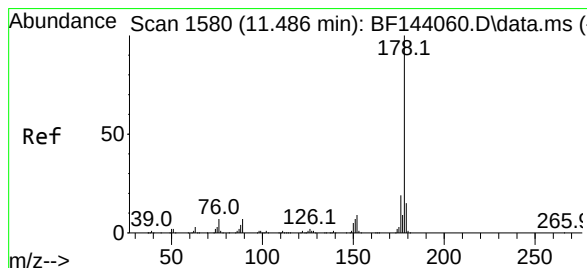
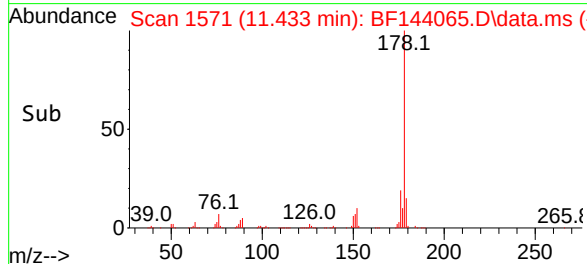
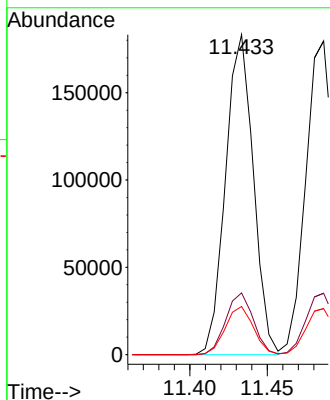
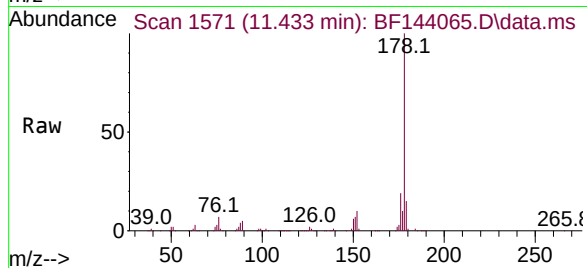




#71  
Phenanthrene  
Concen: 36.120 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

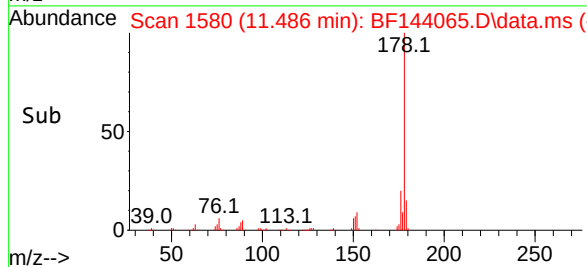
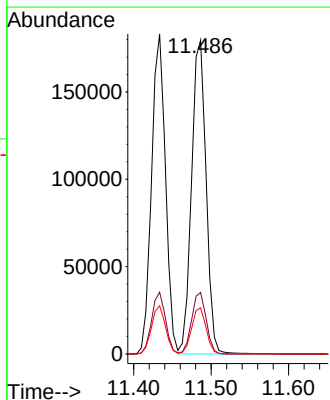
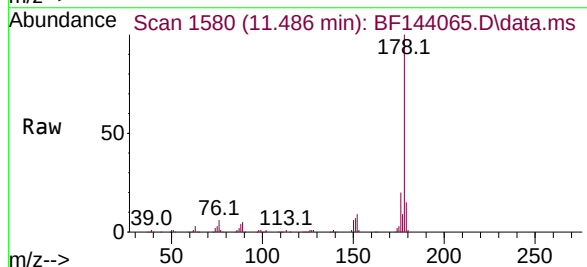
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

Tgt Ion:178 Resp: 228423  
Ion Ratio Lower Upper  
178 100  
176 19.3 16.3 24.5  
179 15.0 12.6 18.8

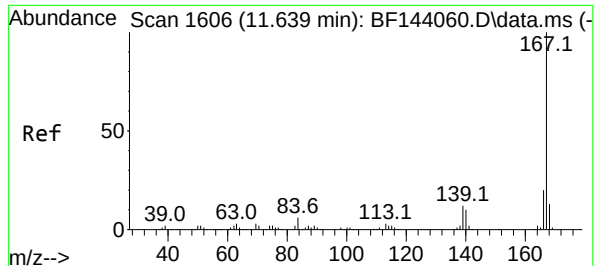


#72  
Anthracene  
Concen: 35.782 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion:178 Resp: 233757  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.0 22.4  
179 14.7 11.8 17.6

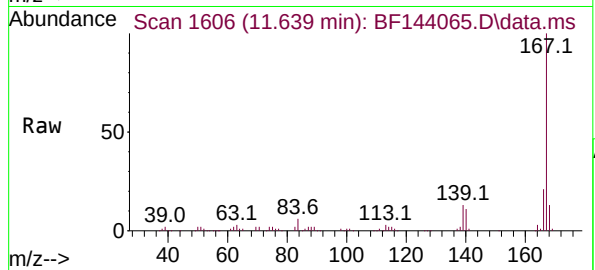




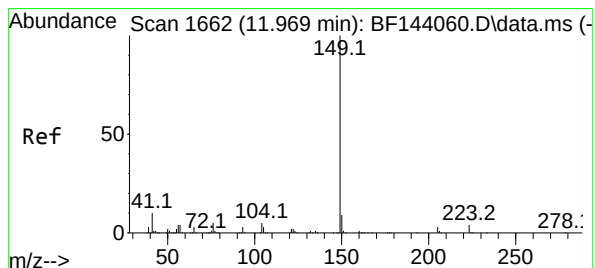
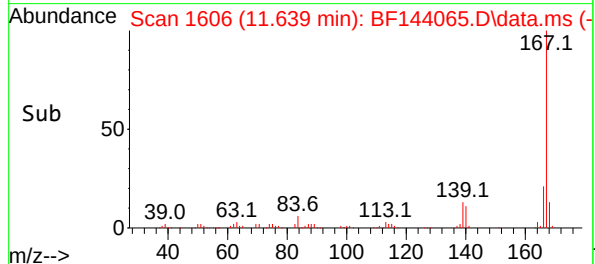
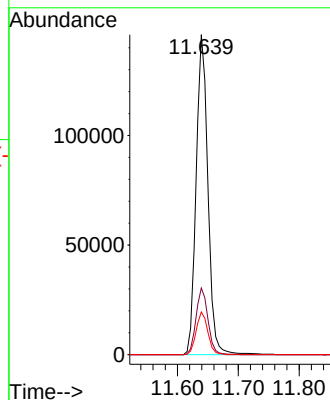


#73  
Carbazole  
Concen: 35.250 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

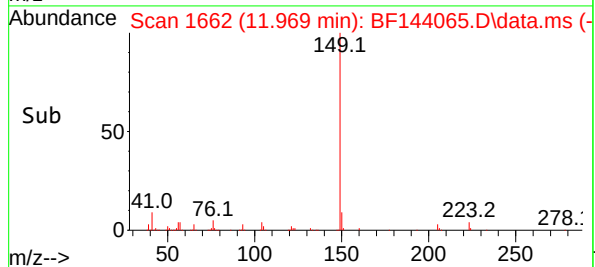
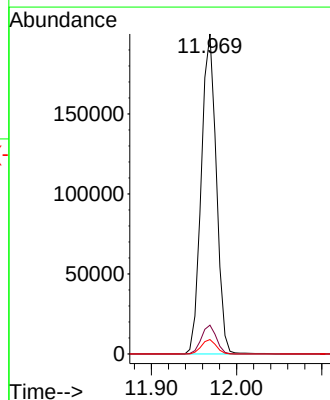
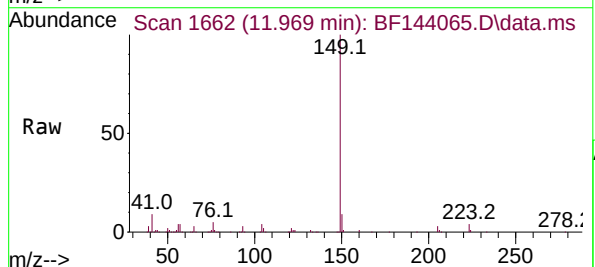


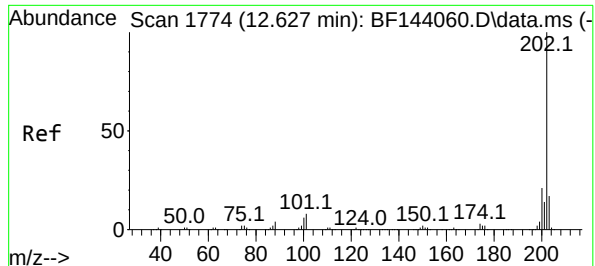
Tgt Ion:167 Resp: 196006  
Ion Ratio Lower Upper  
167 100  
166 20.9 16.1 24.1  
139 13.3 9.8 14.6



#74  
Di-n-butylphthalate  
Concen: 35.967 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 245199  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.3 10.9  
104 4.5 3.6 5.4

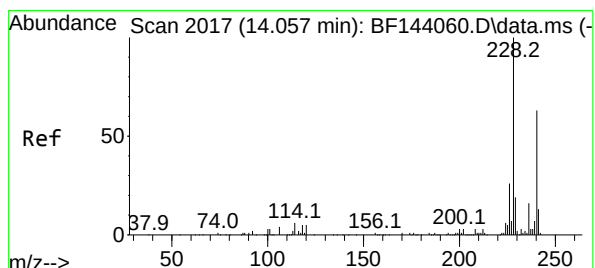
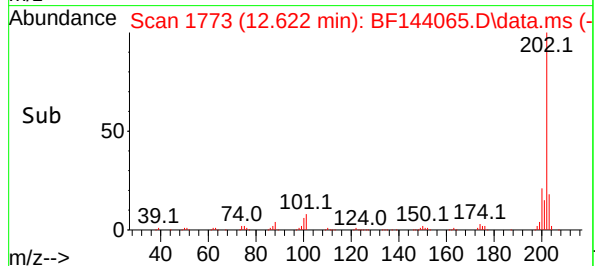
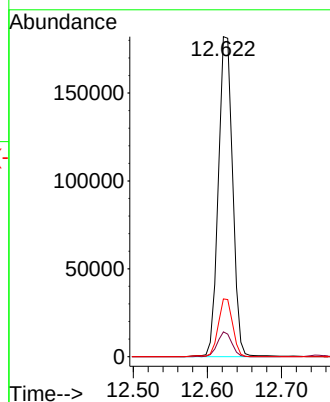
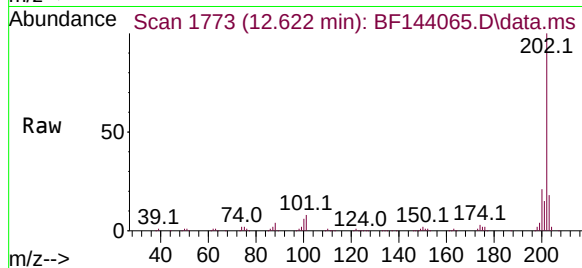




#75  
Fluoranthene  
Concen: 34.929 ng  
RT: 12.622 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

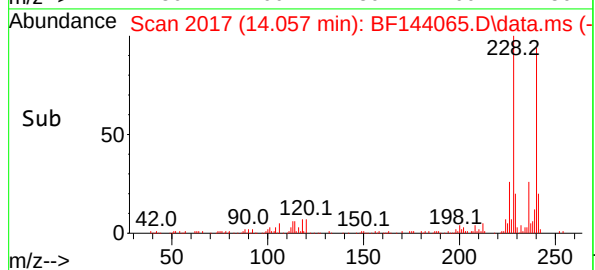
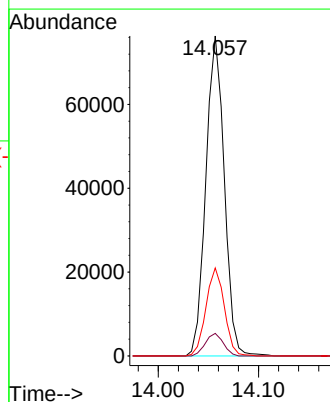
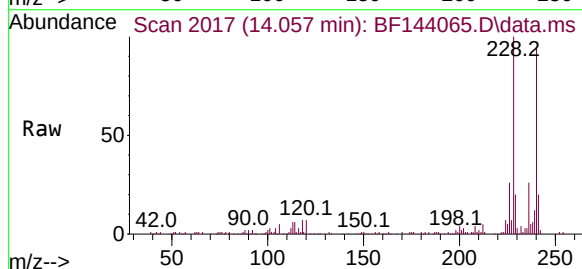
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

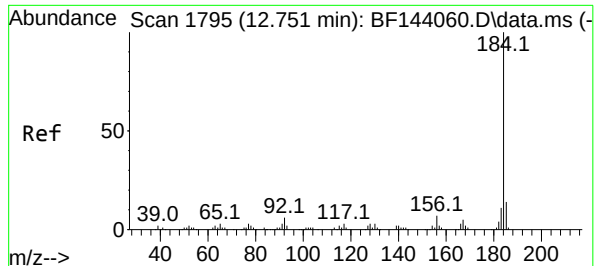
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.8   | 0.0   | 27.7  |
| 203     | 18.0  | 0.0   | 37.3  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.0   | 6.5   | 9.7   |
| 236     | 27.5  | 20.1  | 30.1  |





#77

Benzidine

Concen: 48.386 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

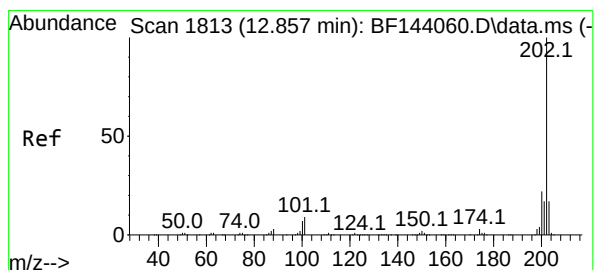
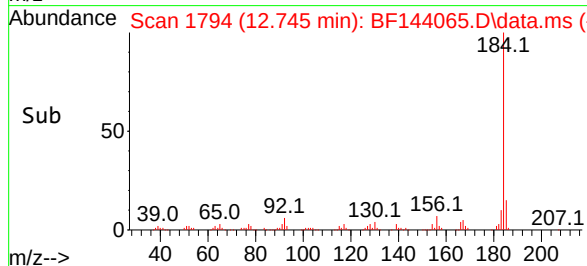
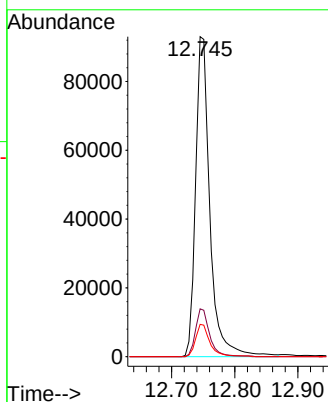
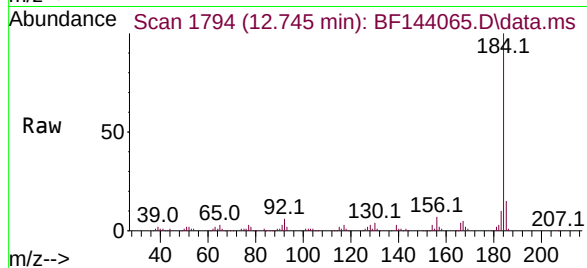
Tgt Ion:184 Resp: 146518

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.1 8.5 12.7



#78

Pyrene

Concen: 35.297 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

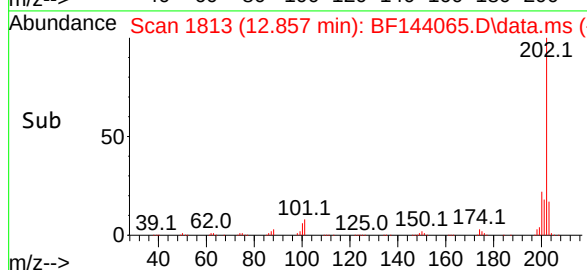
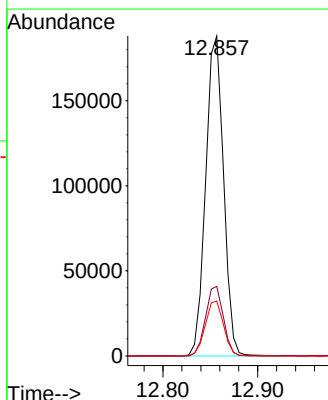
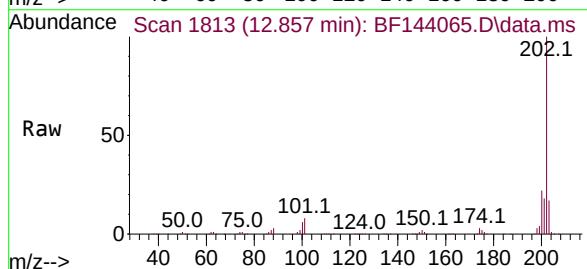
Tgt Ion:202 Resp: 246902

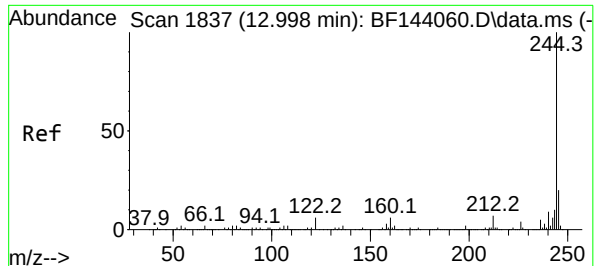
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 73.542 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

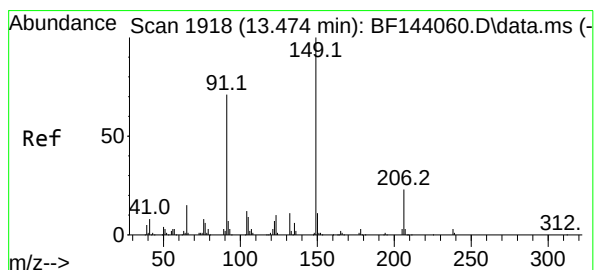
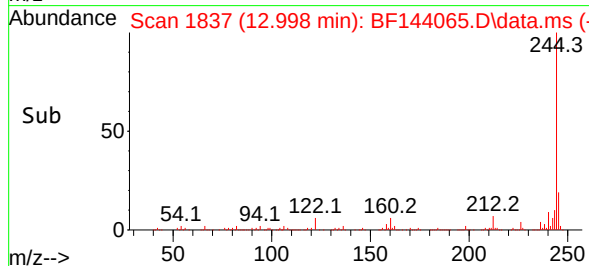
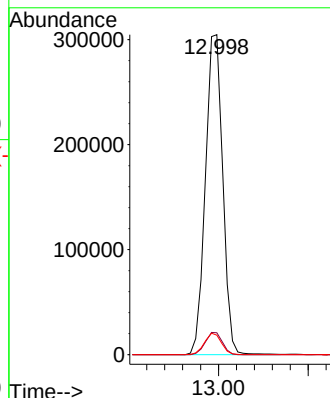
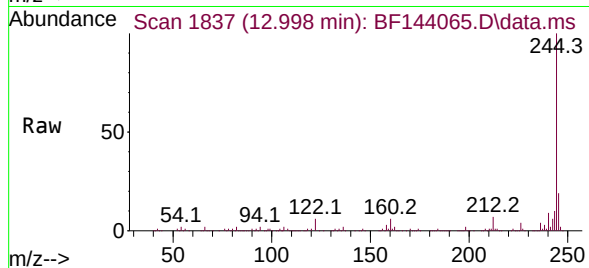
Tgt Ion:244 Resp: 409300

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 35.741 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

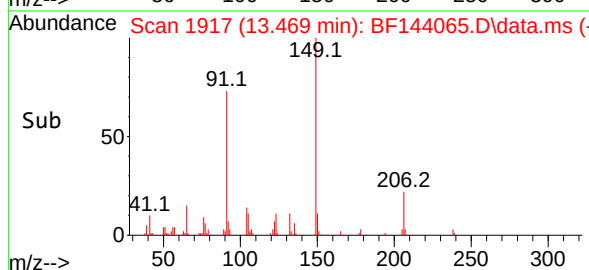
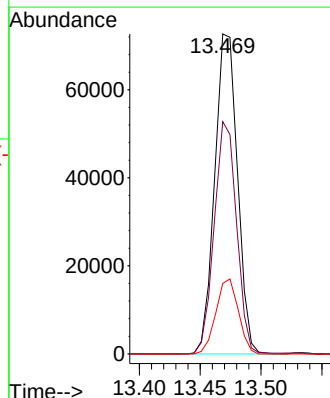
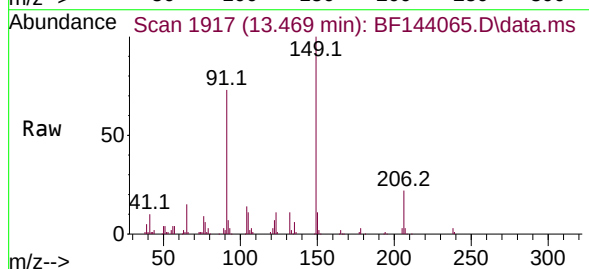
Tgt Ion:149 Resp: 94583

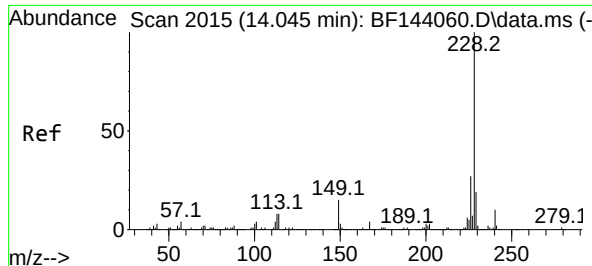
Ion Ratio Lower Upper

149 100

91 72.6 56.6 84.8

206 22.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 35.620 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

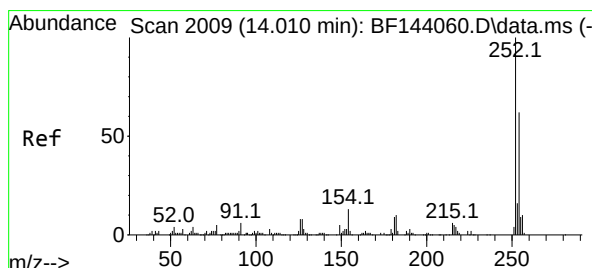
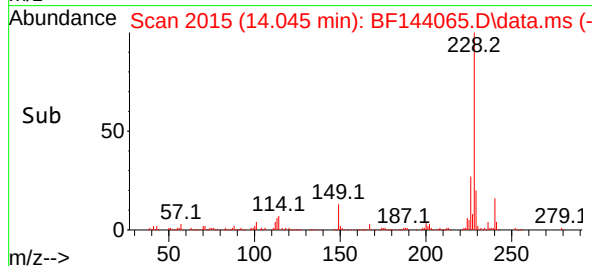
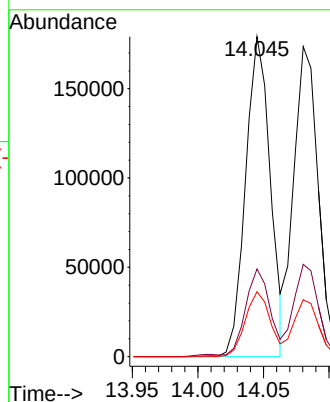
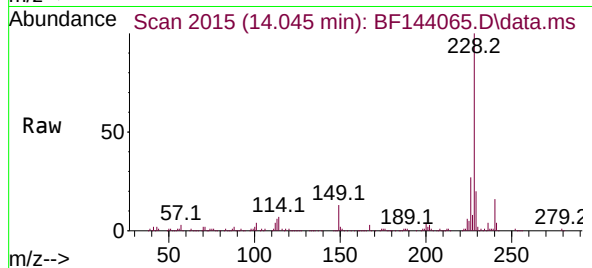
Tgt Ion:228 Resp: 234218

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.3 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 42.643 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

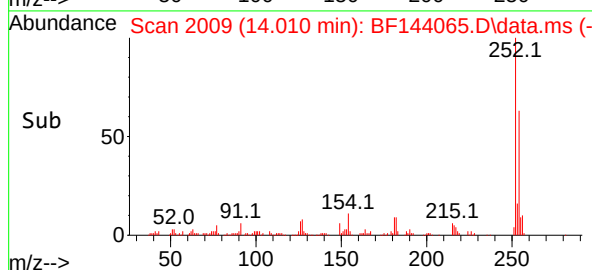
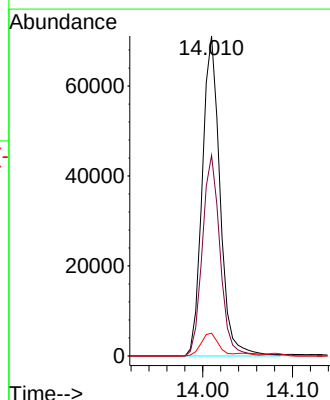
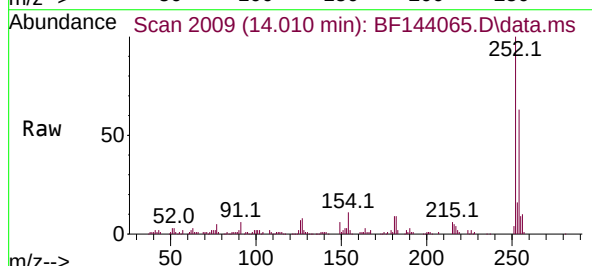
Tgt Ion:252 Resp: 97608

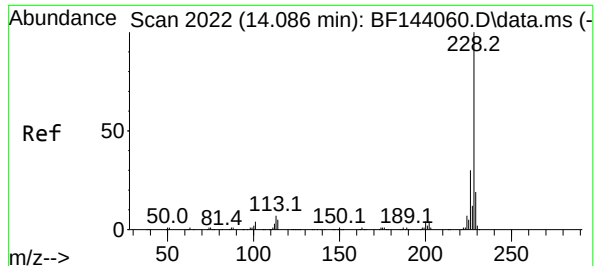
Ion Ratio Lower Upper

252 100

254 62.7 49.9 74.9

126 7.1 6.5 9.7





#83

Chrysene

Concen: 36.371 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

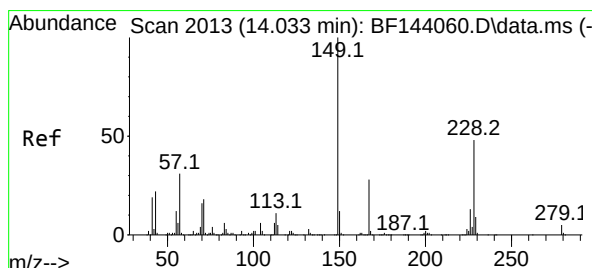
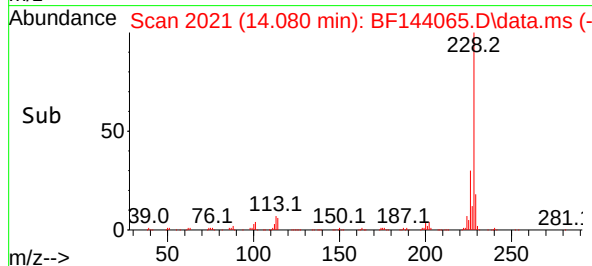
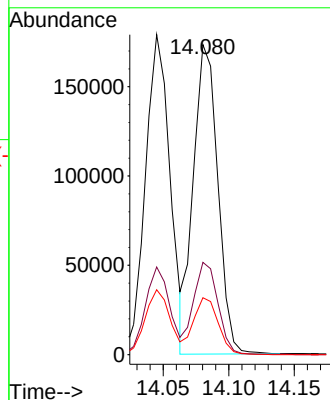
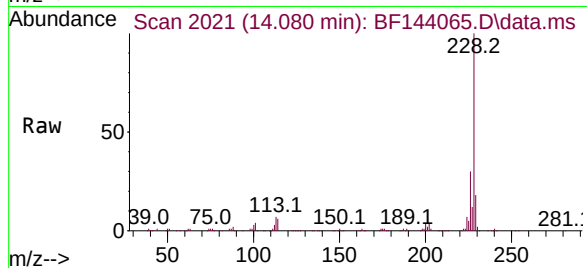
Tgt Ion:228 Resp: 224422

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 18.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.110 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

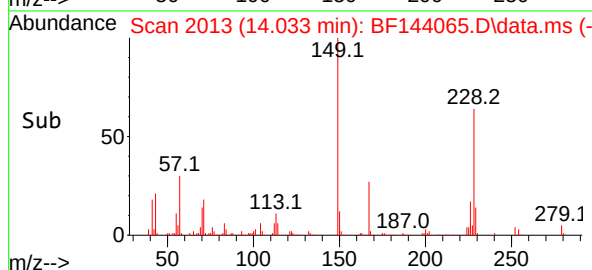
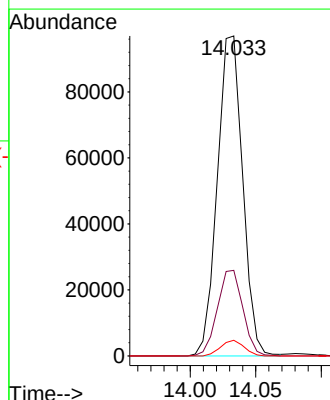
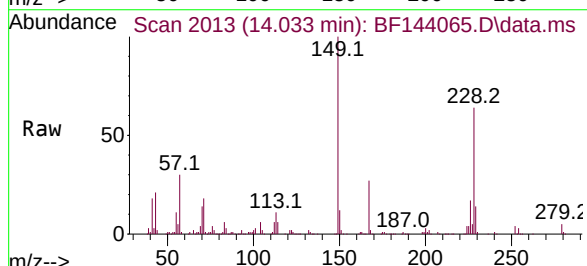
Tgt Ion:149 Resp: 130456

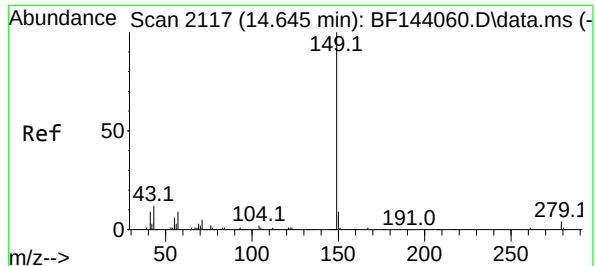
Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 4.9 3.6 5.4

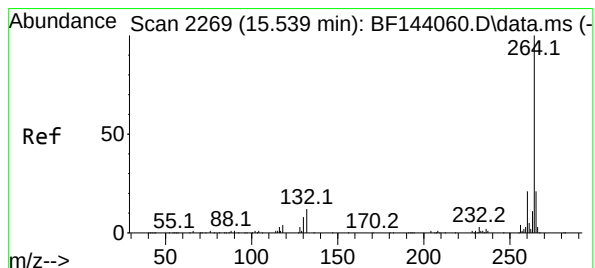
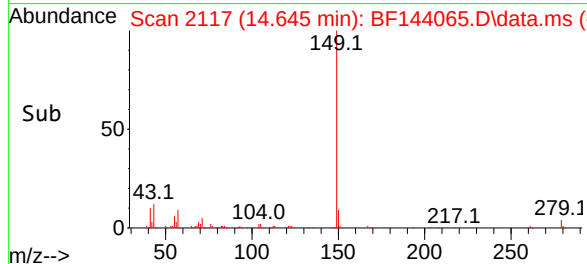
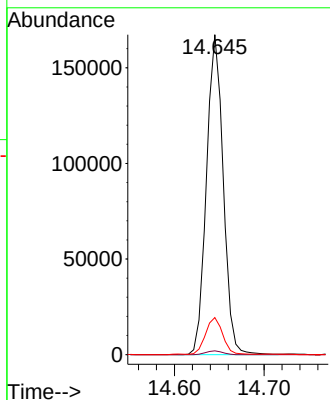
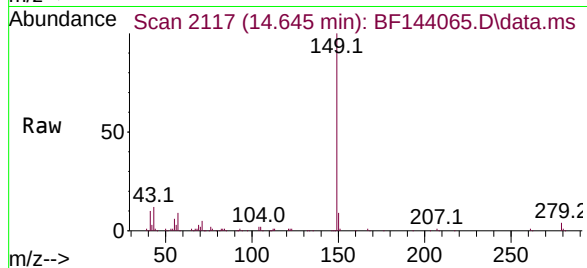




#85  
Di-n-octyl phthalate  
Concen: 35.142 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

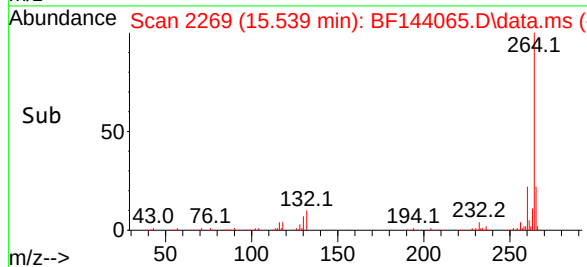
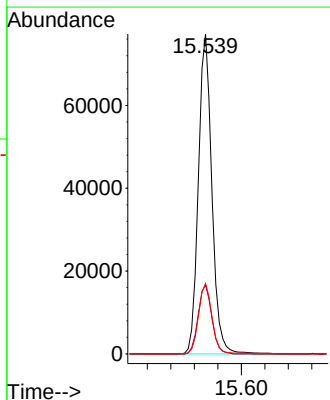
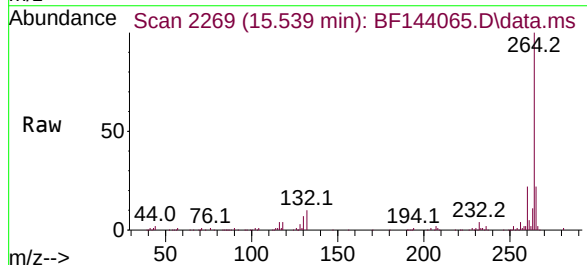
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

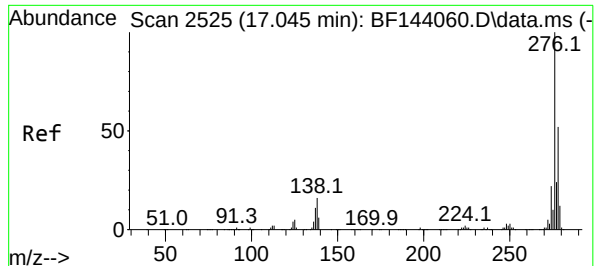
Tgt Ion:149 Resp: 218335  
Ion Ratio Lower Upper  
149 100  
167 1.2 1.2 1.8#  
43 12.0 9.3 13.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF144065.D  
Acq: 24 Oct 2025 17:22

Tgt Ion:264 Resp: 122912  
Ion Ratio Lower Upper  
264 100  
260 21.5 17.0 25.4  
265 22.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.856 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

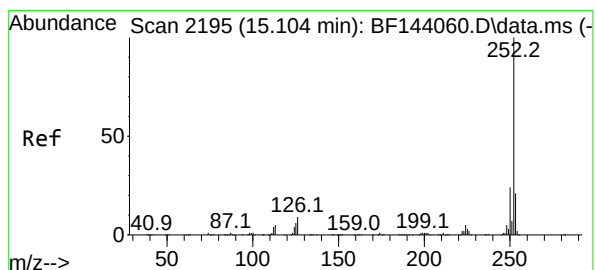
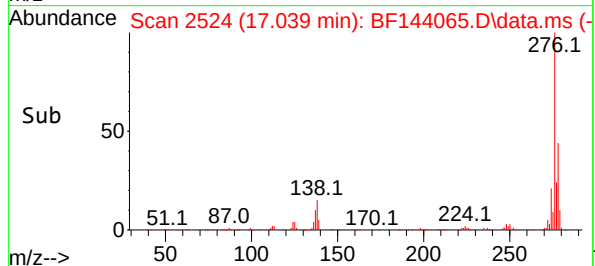
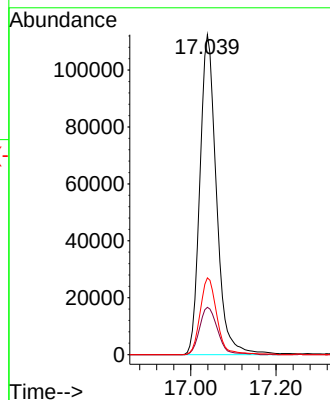
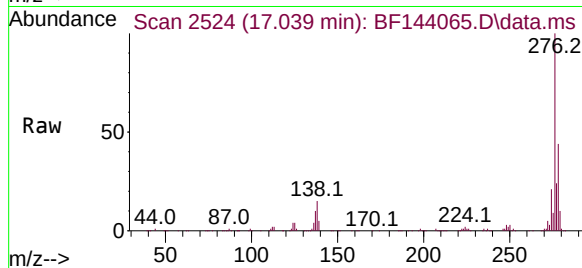
Tgt Ion:276 Resp: 302575

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 33.715 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

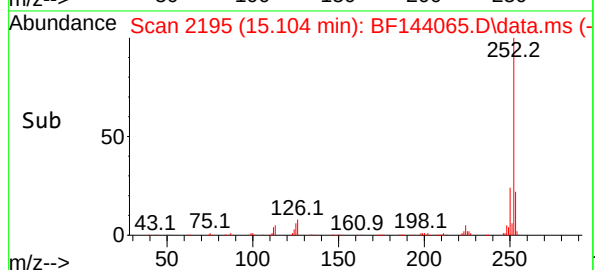
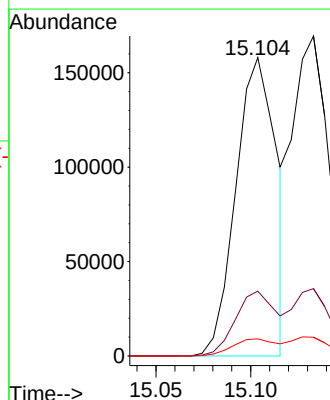
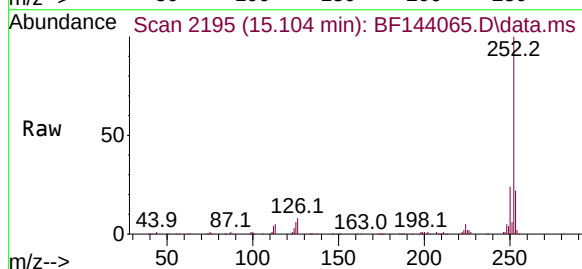
Tgt Ion:252 Resp: 234274

Ion Ratio Lower Upper

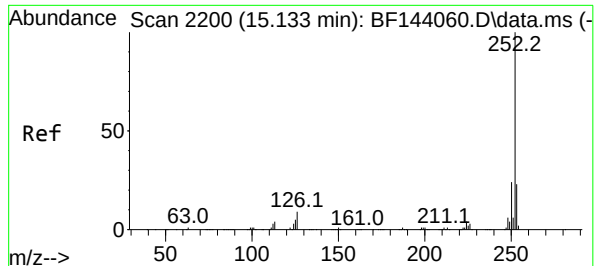
252 100

253 21.7 17.2 25.8

125 5.7 5.0 7.6







#89

Benzo(k)fluoranthene

Concen: 37.516 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

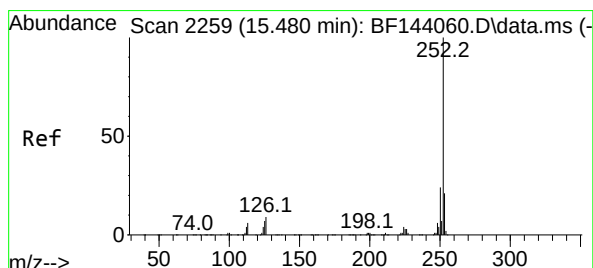
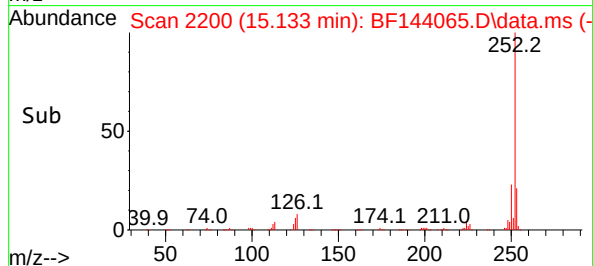
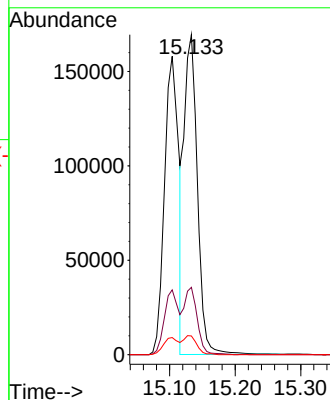
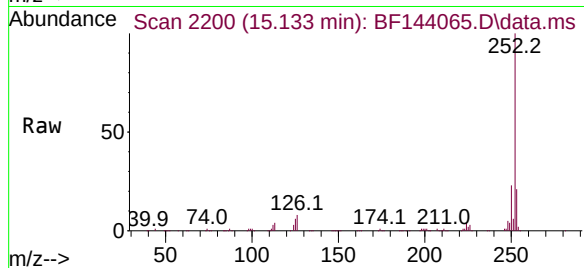
Tgt Ion:252 Resp: 240517

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 36.773 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

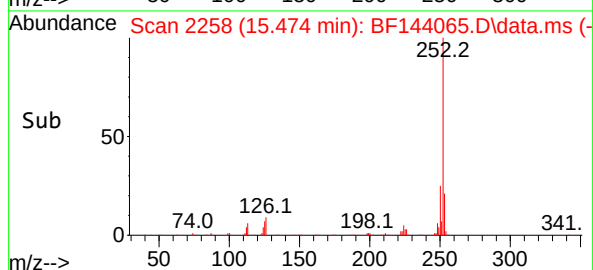
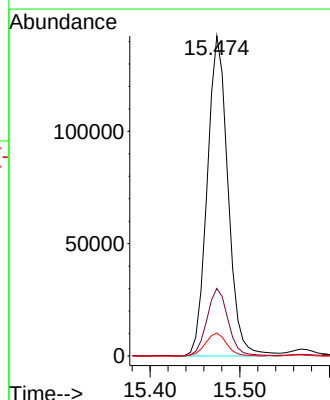
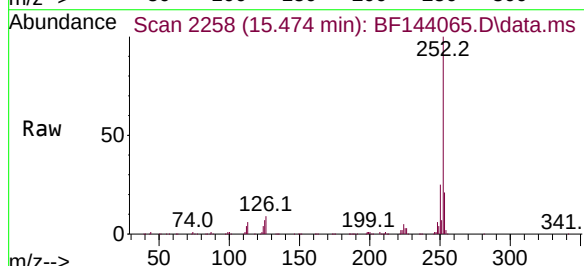
Tgt Ion:252 Resp: 229237

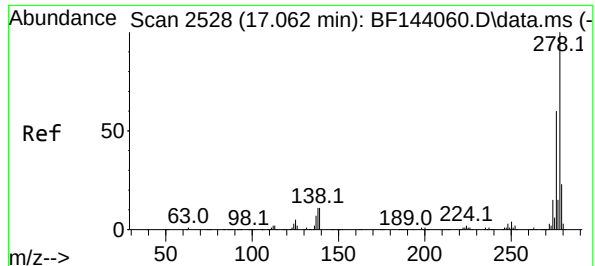
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 7.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 36.012 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

ICVBF102425

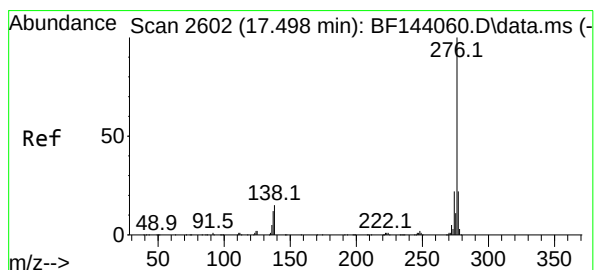
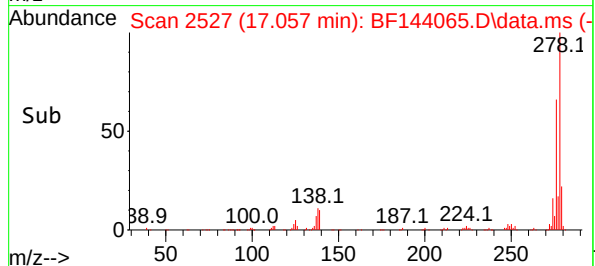
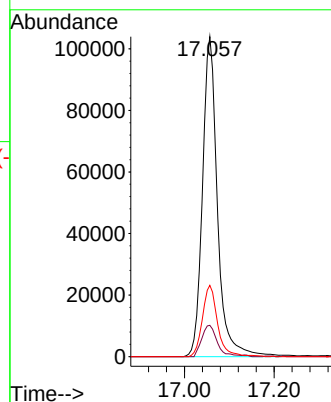
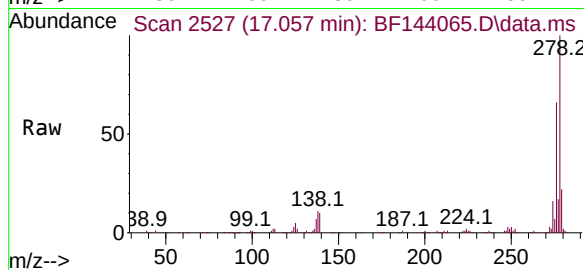
Tgt Ion:278 Resp: 240551

Ion Ratio Lower Upper

278 100

139 9.8 8.5 12.7

279 22.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 36.942 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

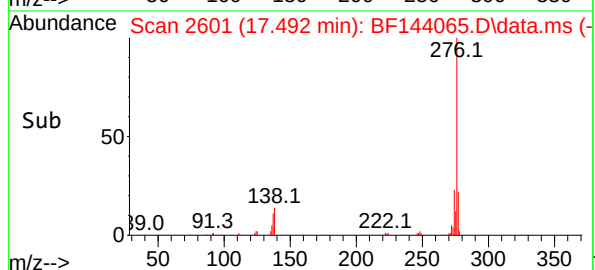
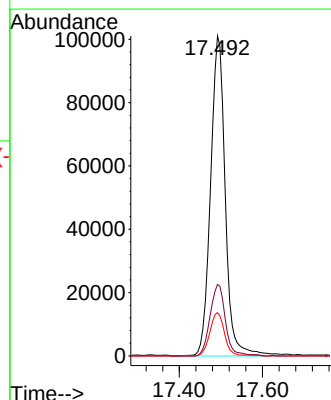
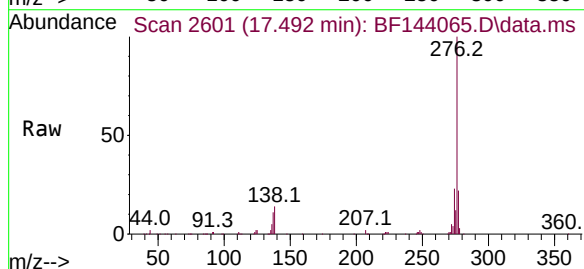
Tgt Ion:276 Resp: 248094

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 13.5 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144065.D  
 Acq On : 24 Oct 2025 17:22  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 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   | 80    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.621 | 10.9  | 71    | 0.00     |
| 3    | Pyridine                    | 40.000 | 32.576 | 18.6  | 63    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.893 | 7.8   | 73    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 70.283 | 12.1  | 68    | 0.00     |
| 6    | Aniline                     | 40.000 | 36.320 | 9.2   | 72    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 68.955 | 13.8  | 69    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 33.579 | 16.1  | 67    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 34.852 | 12.9  | 73    | 0.00     |
| 10 C | Phenol                      | 40.000 | 34.853 | 12.9  | 69    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 33.851 | 15.4  | 68    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.971 | 7.6   | 73    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.183 | 7.0   | 73    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 35.872 | 10.3  | 71    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 36.330 | 9.2   | 72    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.517 | 13.7  | 68    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 35.152 | 12.1  | 73    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 34.696 | 13.3  | 69    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.002 | 12.5  | 72    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 36.095 | 9.8   | 70    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 78    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.453 | 3.9   | 74    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 70.696 | 11.6  | 68    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 36.753 | 8.1   | 70    | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.322 | 9.2   | 70    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 36.360 | 9.1   | 68    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.405 | 1.5   | 73    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.182 | 12.0  | 67    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 35.901 | 10.2  | 69    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.739 | 3.2   | 74    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 35.834 | 10.4  | 68    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 44.054 | -10.1 | 102   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.428 | -3.6  | 79    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.260 | 4.4   | 74    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 35.331 | 11.7  | 65    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.112 | 9.7   | 70    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 33.233 | 16.9  | 62    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 35.945 | 10.1  | 70    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 83    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 35.121 | 12.2  | 71    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 48.585 | -21.5 | 99    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 68.551 | 14.3  | 69    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 33.986 | 15.0  | 67    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 36.018 | 10.0  | 75    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 67.717 | 15.4  | 69    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 35.345 | 11.6  | 71    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 34.908 | 12.7  | 71    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144065.D  
 Acq On : 24 Oct 2025 17:22  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 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 | 36.621 | 8.4   | 71    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.474 | 1.3   | 78    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 34.098 | 14.8  | 68    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 35.461 | 11.3  | 69    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 35.145 | 12.1  | 71    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 35.804 | 10.5  | 67    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.102 | -2.8  | 97    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 34.140 | 14.6  | 68    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.254 | 4.4   | 83    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 37.002 | 7.5   | 70    | 0.00     |
| 58   | Fluorene                   | 40.000 | 34.864 | 12.8  | 70    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.232 | 1.9   | 75    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 35.442 | 11.4  | 70    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 35.479 | 11.3  | 70    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 33.756 | 15.6  | 65    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.422 | 8.9   | 71    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 80    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.867 | 5.3   | 79    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.075 | 9.8   | 72    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 35.313 | 11.7  | 68    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 35.903 | 10.2  | 68    | 0.00     |
| 69   | Atrazine                   | 40.000 | 36.643 | 8.4   | 74    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 33.237 | 16.9  | 65    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.120 | 9.7   | 70    | 0.00     |
| 72   | Anthracene                 | 40.000 | 35.782 | 10.5  | 70    | 0.00     |
| 73   | Carbazole                  | 40.000 | 35.250 | 11.9  | 68    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 35.967 | 10.1  | 69    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 34.929 | 12.7  | 68    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 79    | 0.00     |
| 77   | Benzidine                  | 40.000 | 48.386 | -21.0 | 89    | 0.00     |
| 78   | Pyrene                     | 40.000 | 35.297 | 11.8  | 66    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 73.542 | 8.1   | 68    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 35.741 | 10.6  | 64    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 35.620 | 11.0  | 62    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.643 | -6.6  | 77    | 0.00     |
| 83   | Chrysene                   | 40.000 | 36.371 | 9.1   | 69    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 36.110 | 9.7   | 66    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 35.142 | 12.1  | 63    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 80    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 35.856 | 10.4  | 67    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 33.715 | 15.7  | 61    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.516 | 6.2   | 74    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 36.773 | 8.1   | 69    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.012 | 10.0  | 67    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 36.942 | 7.6   | 68    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
Data File : BF144065.D  
Acq On : 24 Oct 2025 17:22  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

Quant Time: Oct 24 17:42:15 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144065.D  
 Acq On : 24 Oct 2025 17:22  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 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   | 80    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.546 | 0.486 | 11.0  | 71    | 0.00     |
| 3    | Pyridine                    | 1.462 | 1.191 | 18.5  | 63    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.899 | 0.829 | 7.8   | 73    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.264 | 1.111 | 12.1  | 68    | 0.00     |
| 6    | Aniline                     | 1.997 | 1.814 | 9.2   | 72    | 0.00     |
| 7 S  | Phenol-d6                   | 1.396 | 1.203 | 13.8  | 69    | 0.00     |
| 8    | 2-Chlorophenol              | 1.245 | 1.045 | 16.1  | 67    | 0.00     |
| 9    | Benzaldehyde                | 1.084 | 0.944 | 12.9  | 73    | 0.00     |
| 10 C | Phenol                      | 1.722 | 1.501 | 12.8  | 69    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.245 | 1.053 | 15.4  | 68    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.536 | 1.419 | 7.6   | 73    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.513 | 1.407 | 7.0   | 73    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.464 | 1.313 | 10.3  | 71    | 0.00     |
| 15   | Benzyl Alcohol              | 1.135 | 1.031 | 9.2   | 72    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.339 | 2.018 | 13.7  | 68    | 0.00     |
| 17   | 2-Methylphenol              | 0.957 | 0.841 | 12.1  | 73    | 0.00     |
| 18   | Hexachloroethane            | 0.541 | 0.469 | 13.3  | 69    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.903 | 0.790 | 12.5  | 72    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.132 | 1.021 | 9.8   | 70    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 78    | 0.00     |
| 22   | Acetophenone                | 0.432 | 0.416 | 3.7   | 74    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.365 | 0.323 | 11.5  | 68    | 0.00     |
| 24   | Nitrobenzene                | 0.386 | 0.355 | 8.0   | 70    | 0.00     |
| 25   | Isophorone                  | 0.638 | 0.580 | 9.1   | 70    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.184 | 0.167 | 9.2   | 68    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.273 | 0.269 | 1.5   | 73    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.398 | 0.350 | 12.1  | 67    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.317 | 0.285 | 10.1  | 69    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.327 | 0.316 | 3.4   | 74    | 0.00     |
| 31   | Naphthalene                 | 0.944 | 0.846 | 10.4  | 68    | 0.00     |
| 32   | Benzoic acid                | 0.173 | 0.191 | -10.4 | 102   | 0.00     |
| 33   | 4-Chloroaniline             | 0.329 | 0.340 | -3.3  | 79    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.267 | 0.255 | 4.5   | 74    | 0.00     |
| 35   | Caprolactam                 | 0.080 | 0.070 | 12.5  | 65    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.280 | 0.253 | 9.6   | 70    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.622 | 0.517 | 16.9  | 62    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.590 | 0.530 | 10.2  | 70    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 83    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.687 | 0.604 | 12.1  | 71    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.212 | 0.258 | -21.7 | 99    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.255 | 0.218 | 14.5  | 69    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.447 | 0.380 | 15.0  | 67    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.469 | 0.422 | 10.0  | 75    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.421 | 1.203 | 15.3  | 69    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.432 | 1.265 | 11.7  | 71    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.199 | 1.047 | 12.7  | 71    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
 Data File : BF144065.D  
 Acq On : 24 Oct 2025 17:22  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 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             | 0.356 | 0.326 | 8.4   | 71    | 0.00     |
| 49   | Acenaphthylene             | 1.617 | 1.596 | 1.3   | 78    | 0.00     |
| 50   | Dimethylphthalate          | 1.311 | 1.118 | 14.7  | 68    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.259 | 0.230 | 11.2  | 69    | 0.00     |
| 52 C | Acenaphthene               | 1.080 | 0.949 | 12.1  | 71    | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.258 | 10.4  | 67    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.140 | 0.144 | -2.9  | 97    | 0.00     |
| 55   | Dibenzofuran               | 1.499 | 1.280 | 14.6  | 68    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.195 | 0.187 | 4.1   | 83    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.350 | 0.324 | 7.4   | 70    | 0.00     |
| 58   | Fluorene                   | 1.143 | 0.996 | 12.9  | 70    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.330 | 0.324 | 1.8   | 75    | 0.00     |
| 60   | Diethylphthalate           | 1.233 | 1.092 | 11.4  | 70    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.643 | 0.570 | 11.4  | 70    | 0.00     |
| 62   | 4-Nitroaniline             | 0.273 | 0.230 | 15.8  | 65    | 0.00     |
| 63   | Azobenzene                 | 1.167 | 1.062 | 9.0   | 71    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 80    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.128 | 0.121 | 5.5   | 79    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.639 | 0.576 | 9.9   | 72    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.250 | 0.221 | 11.6  | 68    | 0.00     |
| 68   | Hexachlorobenzene          | 0.307 | 0.276 | 10.1  | 68    | 0.00     |
| 69   | Atrazine                   | 0.210 | 0.192 | 8.6   | 74    | 0.00     |
| 70 C | Pentachlorophenol          | 0.146 | 0.121 | 17.1  | 65    | 0.00     |
| 71   | Phenanthrene               | 0.994 | 0.897 | 9.8   | 70    | 0.00     |
| 72   | Anthracene                 | 1.026 | 0.918 | 10.5  | 70    | 0.00     |
| 73   | Carbazole                  | 0.874 | 0.770 | 11.9  | 68    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.071 | 0.963 | 10.1  | 69    | 0.00     |
| 75 C | Fluoranthene               | 1.098 | 0.958 | 12.8  | 68    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 79    | 0.00     |
| 77   | Benzydine                  | 0.622 | 0.753 | -21.1 | 89    | 0.00     |
| 78   | Pyrene                     | 1.438 | 1.269 | 11.8  | 66    | 0.00     |
| 79 S | Terphenyl-d14              | 1.144 | 1.052 | 8.0   | 68    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.544 | 0.486 | 10.7  | 64    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.352 | 1.204 | 10.9  | 62    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.470 | 0.502 | -6.8  | 77    | 0.00     |
| 83   | Chrysene                   | 1.268 | 1.153 | 9.1   | 69    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.743 | 0.670 | 9.8   | 66    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.277 | 1.122 | 12.1  | 63    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 80    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.373 | 1.231 | 10.3  | 67    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.131 | 0.953 | 15.7  | 61    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.043 | 0.978 | 6.2   | 74    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.014 | 0.933 | 8.0   | 69    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.087 | 0.979 | 9.9   | 67    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.093 | 1.009 | 7.7   | 68    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
Data File : BF144065.D  
Acq On : 24 Oct 2025 17:22  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102425

Quant Time: Oct 24 17:42:15 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 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





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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>ICES02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3399</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>10/22/2025 10:25</u>      |
| Lab File ID:    | <u>BF144032.D</u> | Init. Calib. Date(s):  | <u>10/06/2025 10/06/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:59 14:22</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| 2-Fluorophenol              | 1.259 | 1.263  |            | 0.3   |       |
| Benzaldehyde                | 1.158 | 1.176  |            | 1.6   |       |
| Phenol-d6                   | 1.501 | 1.459  |            | -2.8  |       |
| Phenol                      | 1.795 | 1.838  |            | 2.4   | 20.0  |
| bis(2-Chloroethyl)ether     | 1.386 | 1.342  |            | -3.2  |       |
| 2-Chlorophenol              | 1.231 | 1.205  |            | -2.1  |       |
| 2-Methylphenol              | 1.017 | 0.970  |            | -4.6  |       |
| 2,2-oxybis(1-Chloropropane) | 3.156 | 3.068  |            | -2.8  |       |
| Acetophenone                | 0.423 | 0.389  |            | -8.0  |       |
| 3+4-Methylphenols           | 1.179 | 1.144  |            | -3.0  |       |
| n-Nitroso-di-n-propylamine  | 1.028 | 0.930  | 0.050      | -9.5  |       |
| Nitrobenzene-d5             | 0.329 | 0.331  |            | 0.6   |       |
| Hexachloroethane            | 0.485 | 0.469  |            | -3.3  |       |
| Nitrobenzene                | 0.366 | 0.366  |            | 0.0   |       |
| Isophorone                  | 0.694 | 0.630  |            | -9.2  |       |
| 2-Nitrophenol               | 0.157 | 0.173  |            | 10.2  | 20.0  |
| 2,4-Dimethylphenol          | 0.282 | 0.273  |            | -3.2  |       |
| bis(2-Chloroethoxy)methane  | 0.438 | 0.417  |            | -4.8  |       |
| 2,4-Dichlorophenol          | 0.294 | 0.284  |            | -3.4  | 20.0  |
| Naphthalene                 | 0.910 | 0.867  |            | -4.7  |       |
| 4-Chloroaniline             | 0.341 | 0.317  |            | -7.0  |       |
| Hexachlorobutadiene         | 0.201 | 0.185  |            | -8.0  | 20.0  |
| Caprolactam                 | 0.093 | 0.078  |            | -16.1 |       |
| 4-Chloro-3-methylphenol     | 0.282 | 0.258  |            | -8.5  | 20.0  |
| 2-Methylnaphthalene         | 0.606 | 0.564  |            | -6.9  |       |
| Hexachlorocyclopentadiene   | 0.229 | 0.198  | 0.050      | -13.5 |       |
| 2,4,6-Trichlorophenol       | 0.404 | 0.385  |            | -4.7  | 20.0  |
| 2-Fluorobiphenyl            | 1.260 | 1.173  |            | -6.9  |       |
| 2,4,5-Trichlorophenol       | 0.427 | 0.416  |            | -2.6  |       |
| 1,1-Biphenyl                | 1.324 | 1.285  |            | -2.9  |       |
| 2-Chloronaphthalene         | 1.104 | 1.102  |            | -0.2  |       |
| 2-Nitroaniline              | 0.349 | 0.359  |            | 2.9   |       |
| Dimethylphthalate           | 1.270 | 1.174  |            | -7.6  |       |
| Acenaphthylene              | 1.552 | 1.488  |            | -4.1  |       |
| 2,6-Dinitrotoluene          | 0.236 | 0.245  |            | 3.8   |       |
| 3-Nitroaniline              | 0.288 | 0.288  |            | 0.0   |       |
| Acenaphthene                | 1.017 | 0.988  |            | -2.9  | 20.0  |
| 2,4-Dinitrophenol           | 0.118 | 0.150  | 0.050      | 27.1  |       |
| 4-Nitrophenol               | 0.218 | 0.221  | 0.050      | 1.4   |       |



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02  
 Lab Code: ACE SDG No.: Q3399  
 Instrument ID: BNA\_F Calibration Date/Time: 10/22/2025 10:25  
 Lab File ID: BF144032.D Init. Calib. Date(s): 10/06/2025 10/06/2025  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22  
 GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|----------------------------|-------|--------|------------|-------|-------|
| Dibenzofuran               | 1.436 | 1.365  |            | -4.9  |       |
| 2,4-Dinitrotoluene         | 0.320 | 0.327  |            | 2.2   |       |
| Diethylphthalate           | 1.180 | 1.076  |            | -8.8  |       |
| 4-Chlorophenyl-phenylether | 0.573 | 0.537  |            | -6.3  |       |
| Fluorene                   | 1.083 | 1.034  |            | -4.5  |       |
| 4-Nitroaniline             | 0.277 | 0.251  |            | -9.4  |       |
| 4,6-Dinitro-2-methylphenol | 0.101 | 0.105  |            | 4.0   |       |
| n-Nitrosodiphenylamine     | 0.628 | 0.632  |            | 0.6   | 20.0  |
| 2,4,6-Tribromophenol       | 0.199 | 0.170  |            | -14.6 |       |
| 4-Bromophenyl-phenylether  | 0.221 | 0.208  |            | -5.9  |       |
| Hexachlorobenzene          | 0.256 | 0.236  |            | -7.8  |       |
| Atrazine                   | 0.190 | 0.170  |            | -10.5 |       |
| Pentachlorophenol          | 0.147 | 0.133  |            | -9.5  | 20.0  |
| Phenanthrene               | 0.970 | 0.937  |            | -3.4  |       |
| Anthracene                 | 0.980 | 0.950  |            | -3.1  |       |
| Carbazole                  | 0.868 | 0.813  |            | -6.3  |       |
| Di-n-butylphthalate        | 1.005 | 0.932  |            | -7.3  |       |
| Fluoranthene               | 1.002 | 0.880  |            | -12.2 | 20.0  |
| Pyrene                     | 1.667 | 1.786  |            | 7.1   |       |
| Terphenyl-d14              | 1.170 | 1.232  |            | 5.3   |       |
| Butylbenzylphthalate       | 0.542 | 0.552  |            | 1.8   |       |
| 3,3-Dichlorobenzidine      | 0.399 | 0.405  |            | 1.5   |       |
| Benzo (a) anthracene       | 1.309 | 1.289  |            | -1.5  |       |
| Chrysene                   | 1.211 | 1.219  |            | 0.7   |       |
| Bis(2-ethylhexyl)phthalate | 0.653 | 0.682  |            | 4.4   |       |
| Di-n-octyl phthalate       | 1.072 | 1.265  |            | 18.0  | 20.0  |
| Benzo (b) fluoranthene     | 1.149 | 0.981  |            | -14.6 |       |
| Benzo (k) fluoranthene     | 1.063 | 0.999  |            | -6.0  |       |
| Benzo (a) pyrene           | 0.996 | 0.976  |            | -2.0  | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.225 | 1.460  |            | 19.2  |       |
| Dibenzo (a,h) anthracene   | 0.986 | 1.180  |            | 19.7  |       |
| Benzo (g,h,i) perylene     | 0.986 | 1.193  |            | 21.0  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.553 | 0.552  |            | -0.2  |       |
| 1,4-Dioxane                | 0.583 | 0.579  |            | -0.7  | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.272  |            | -9.9  |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144032.D  
 Acq On : 22 Oct 2025 10:25  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 112960   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 428129   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 220935   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 348267   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 176671   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 208587   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 570670   | 80.225 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 659248   | 77.752 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 567360   | 80.513 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 150622   | 68.447 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1036678  | 74.454 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 870415   | 84.202 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 130914   | 39.771 | ng    | 95       |
| 3) Pyridine                   | 3.404  | 79   | 371739   | 38.793 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 184996   | 36.698 | ng    | 97       |
| 6) Aniline                    | 6.545  | 93   | 482545   | 37.979 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.669  | 128  | 272303   | 39.162 | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 265748   | 40.630 | ng    | 100      |
| 10) Phenol                    | 6.522  | 94   | 415210   | 40.961 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 303201   | 38.721 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 317188   | 38.108 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 320620   | 39.051 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 309073   | 39.302 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 242449   | 38.164 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 693138   | 38.888 | ng    | 98       |
| 17) 2-Methylphenol            | 7.134  | 107  | 219189   | 38.143 | ng    | 99       |
| 18) Hexachloroethane          | 7.392  | 117  | 105913   | 38.681 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 210181   | 36.214 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 258547   | 38.820 | ng    | # 77     |
| 22) Acetophenone              | 7.292  | 105  | 333187   | 36.806 | ng    | 97       |
| 24) Nitrobenzene              | 7.463  | 77   | 313733   | 40.091 | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 539108   | 36.283 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 147965   | 44.102 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 234021   | 38.775 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 357265   | 38.064 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 242803   | 38.622 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 235631   | 38.111 | ng    | 98       |
| 31) Naphthalene               | 8.187  | 128  | 742491   | 38.125 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 139736   | 33.454 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 271142   | 37.121 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 158191   | 36.820 | ng    | 96       |
| 35) Caprolactam               | 8.598  | 113  | 67146    | 33.592 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 221009   | 36.599 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 482790   | 37.215 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 463512   | 36.835 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 243860   | 39.935 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 87446    | 34.519 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 169935   | 38.088 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144032.D  
 Acq On : 22 Oct 2025 10:25  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

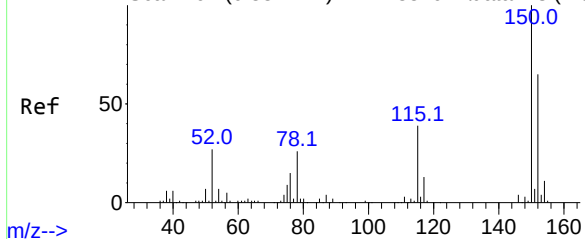
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 183803   | 38.983 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 567757   | 38.813 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 486843   | 39.918 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 158514   | 41.110 | ng    | 99       |
| 49) Acenaphthylene            | 9.781  | 152  | 657637   | 38.355 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 518815   | 36.978 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 108407   | 41.669 | ng    | 99       |
| 52) Acenaphthene              | 9.957  | 154  | 436481   | 38.850 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 127187   | 39.926 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 66301    | 44.671 | ng    | 93       |
| 55) Dibenzofuran              | 10.128 | 168  | 603282   | 38.039 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 97764    | 40.532 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 144342   | 40.776 | ng    | 100      |
| 58) Fluorene                  | 10.475 | 166  | 456971   | 38.186 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 120098   | 35.983 | ng    | # 98     |
| 60) Diethylphthalate          | 10.339 | 149  | 475428   | 36.475 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 237125   | 37.479 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 111123   | 36.275 | ng    | 96       |
| 63) Azobenzene                | 10.622 | 77   | 511202   | 37.526 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 73177    | 41.812 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 440289   | 40.263 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 145024   | 37.679 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 164539   | 36.926 | ng    | 98       |
| 69) Atrazine                  | 11.110 | 200  | 118727   | 35.821 | ng    | 98       |
| 70) Pentachlorophenol         | 11.222 | 266  | 92458    | 36.128 | ng    | 97       |
| 71) Phenanthrene              | 11.439 | 178  | 652589   | 38.651 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 661923   | 38.807 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 566341   | 37.489 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 649289   | 37.085 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 612645   | 35.129 | ng    | 98       |
| 77) Benzidine                 | 12.757 | 184  | 196752   | 32.073 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 631120   | 42.849 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 194973   | 40.760 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 455394   | 39.389 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 143273   | 40.664 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 430745   | 40.255 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 241084   | 41.810 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 447041   | 47.203 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.057 | 276  | 609064   | 47.654 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 409111   | 34.144 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 416554   | 37.571 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 406966   | 39.171 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 492066   | 47.870 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 497793   | 48.426 | ng    | 97       |

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

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

[illegible]

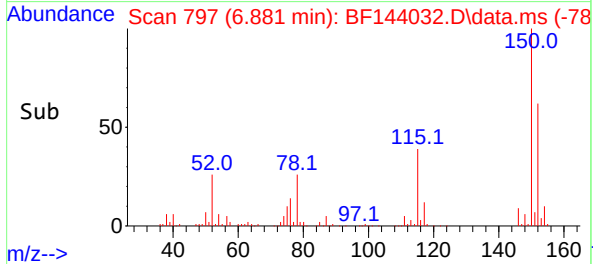
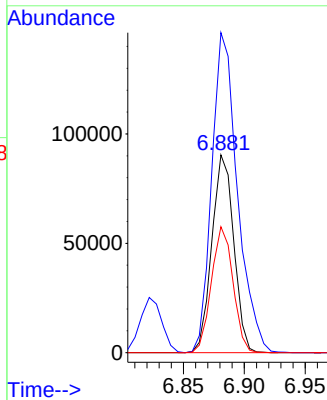
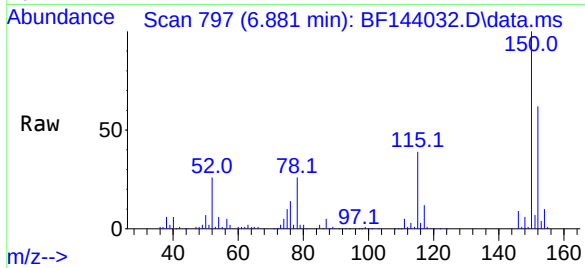
Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)



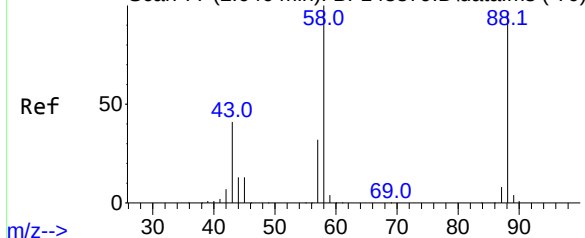
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 112960  
Ion Ratio Lower Upper  
152 100  
150 161.7 124.4 186.6  
115 63.7 48.1 72.1

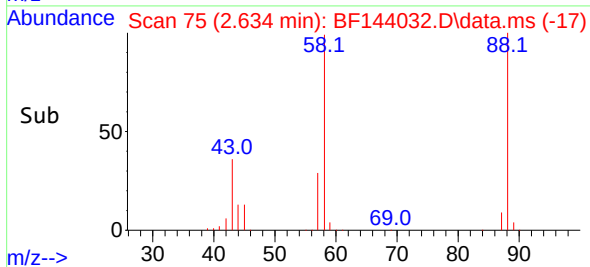
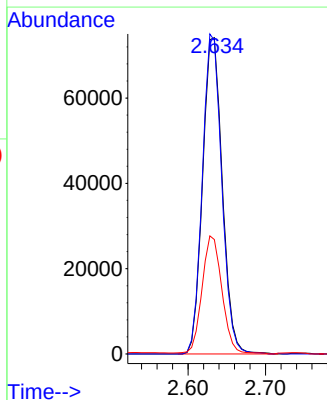
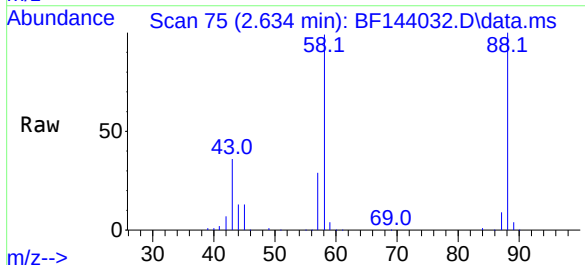


Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)

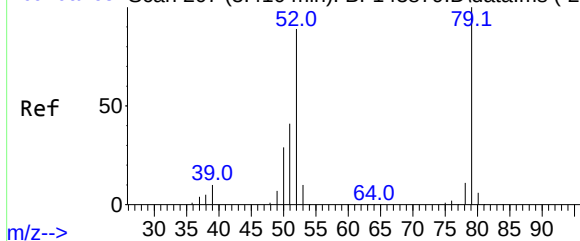


#2  
1,4-Dioxane  
Concen: 39.771 ng  
RT: 2.634 min Scan# 75  
Delta R.T. -0.012 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion: 88 Resp: 130914  
Ion Ratio Lower Upper  
88 100  
58 99.5 83.0 124.6  
43 38.0 33.9 50.9



Abundance Scan 207 (3.410 min): BF143879.D\data.ms (-20



#3

Pyridine

Concen: 38.793 ng

RT: 3.404 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 371739

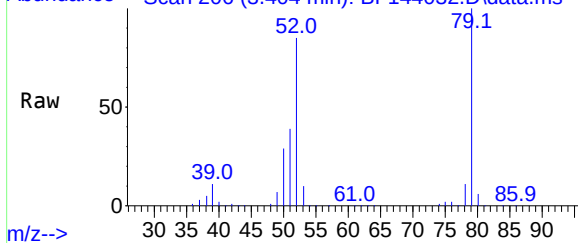
Ion Ratio Lower Upper

79 100

52 85.3 71.5 107.3

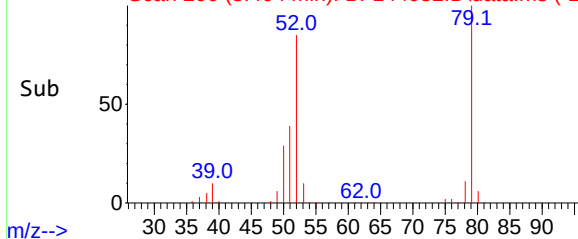
51 39.3 32.9 49.3

Abundance Scan 206 (3.404 min): BF144032.D\data.ms



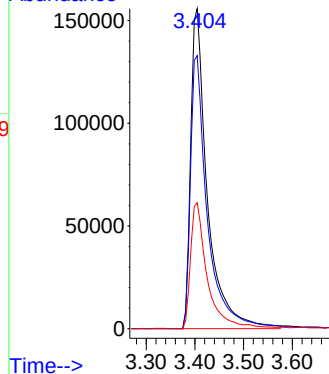
m/z--&gt;

Abundance Scan 206 (3.404 min): BF144032.D\data.ms (-19



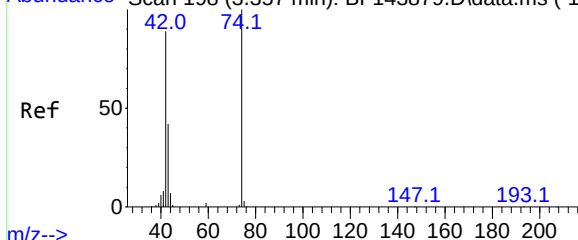
m/z--&gt;

Abundance



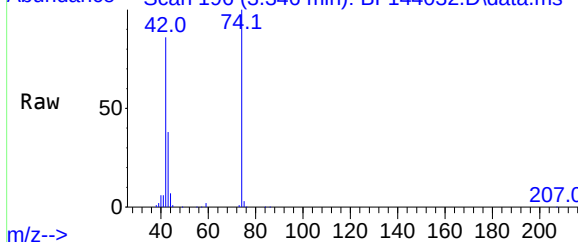
Time--&gt;

Abundance Scan 198 (3.357 min): BF143879.D\data.ms (-18



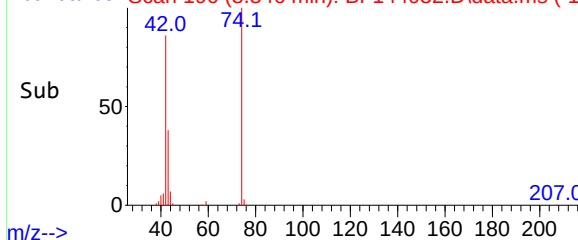
m/z--&gt;

Abundance Scan 196 (3.346 min): BF144032.D\data.ms



m/z--&gt;

Abundance Scan 196 (3.346 min): BF144032.D\data.ms (-18



m/z--&gt;

#4

n-Nitrosodimethylamine

Concen: 36.698 ng

RT: 3.346 min Scan# 196

Delta R.T. -0.041 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 42 Resp: 184996

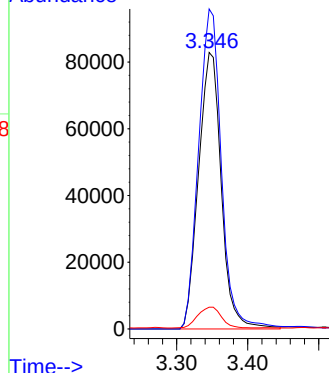
Ion Ratio Lower Upper

42 100

74 115.8 90.0 135.0

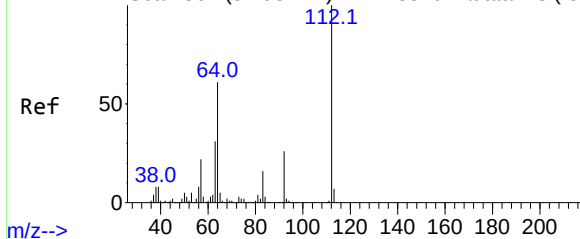
44 7.9 6.2 9.2

Abundance



Time--&gt;

Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



#5

2-Fluorophenol

Concen: 80.225 ng

RT: 5.498 min Scan# 5

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 570670

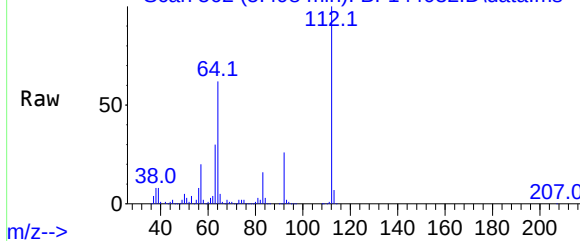
Ion Ratio Lower Upper

112 100

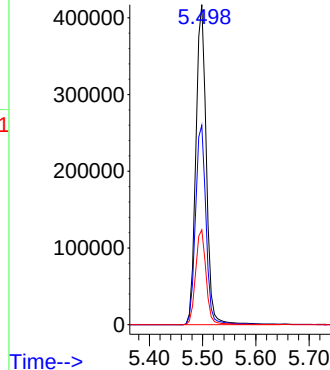
64 62.3 49.1 73.7

63 29.6 24.5 36.7

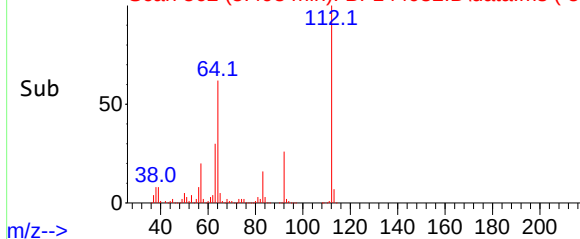
Abundance Scan 562 (5.498 min): BF144032.D\data.ms



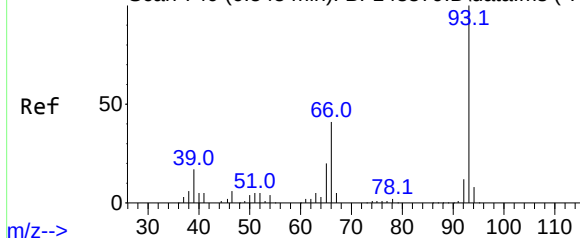
Abundance



Abundance Scan 562 (5.498 min): BF144032.D\data.ms (-51



Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



#6

Aniline

Concen: 37.979 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 93 Resp: 482545

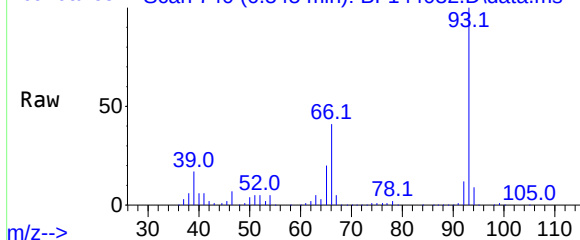
Ion Ratio Lower Upper

93 100

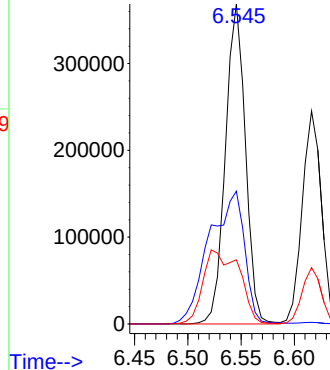
66 41.5 33.0 49.6

65 20.1 15.8 23.8

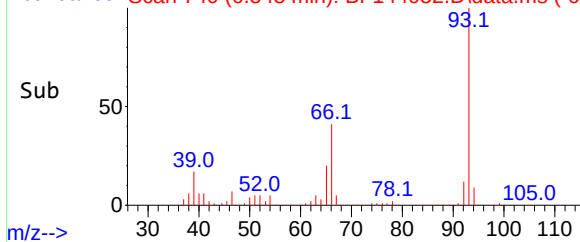
Abundance Scan 740 (6.545 min): BF144032.D\data.ms



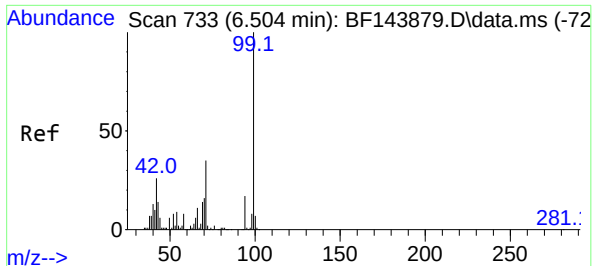
Abundance



Abundance Scan 740 (6.545 min): BF144032.D\data.ms (-69



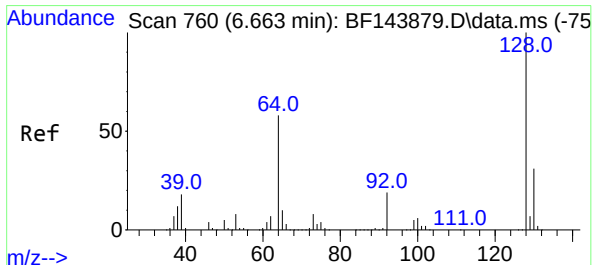
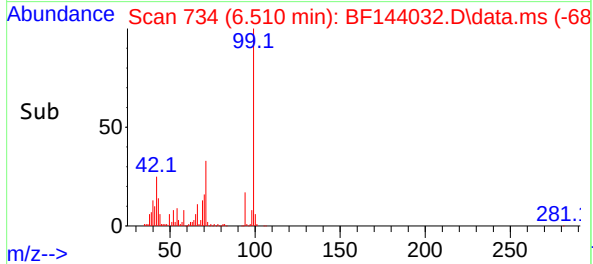
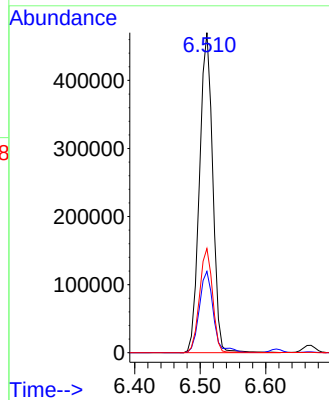
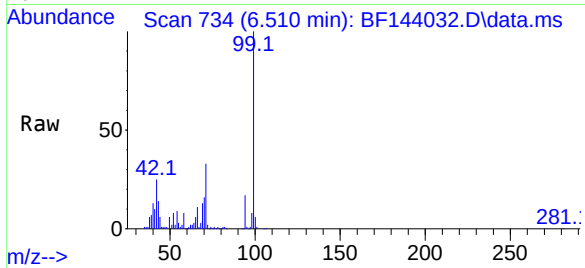




#7  
Phenol-d6  
Concen: 77.752 ng  
RT: 6.510 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

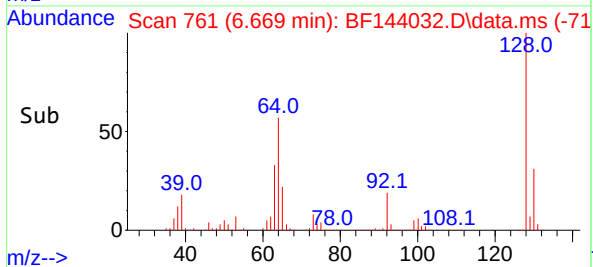
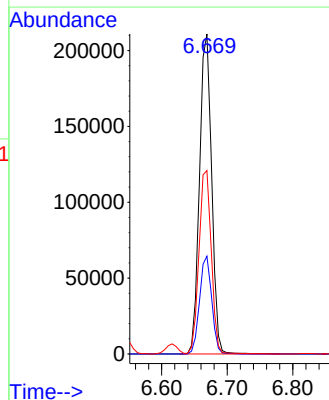
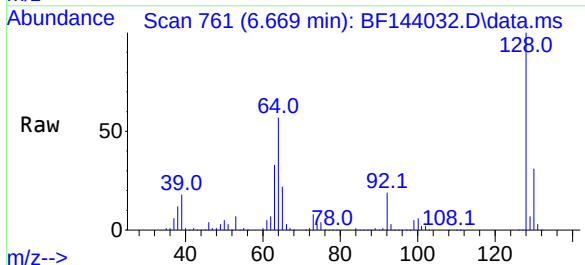
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 659248  
Ion Ratio Lower Upper  
99 100  
42 25.4 21.0 31.4  
71 32.6 27.8 41.8

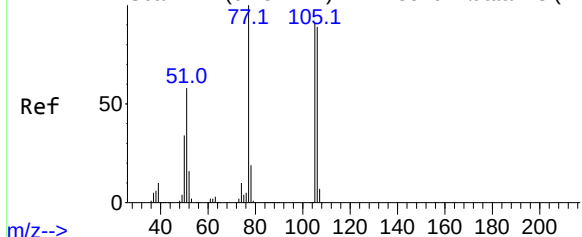


#8  
2-Chlorophenol  
Concen: 39.162 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion: 128 Resp: 272303  
Ion Ratio Lower Upper  
128 100  
130 30.6 10.7 50.7  
64 57.3 39.0 79.0

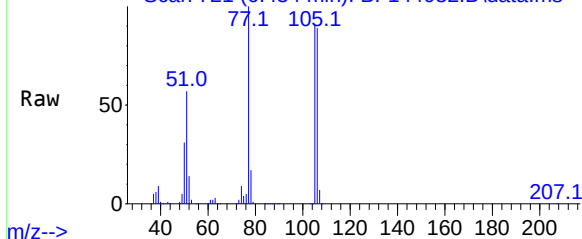


Abundance Scan 721 (6.434 min): BF143879.D\data.ms (-71



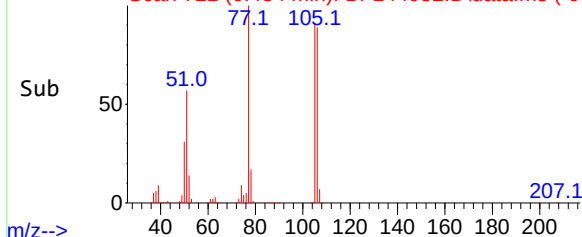
m/z--&gt;

Abundance Scan 721 (6.434 min): BF144032.D\data.ms



m/z--&gt;

Abundance Scan 721 (6.434 min): BF144032.D\data.ms (-67



m/z--&gt;

#9

Benzaldehyde

Concen: 40.630 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 265748

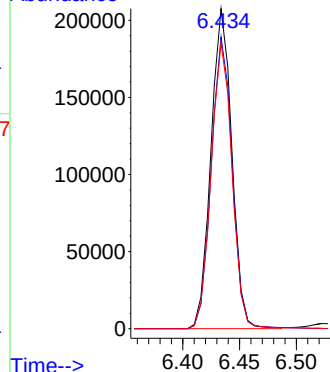
Ion Ratio Lower Upper

77 100

105 91.1 70.9 110.9

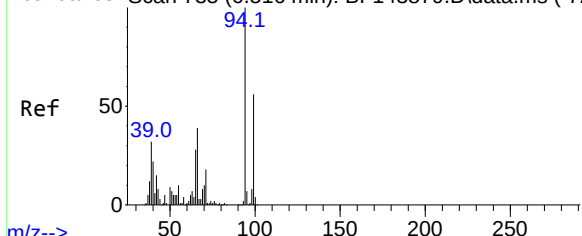
106 89.3 68.9 108.9

Abundance



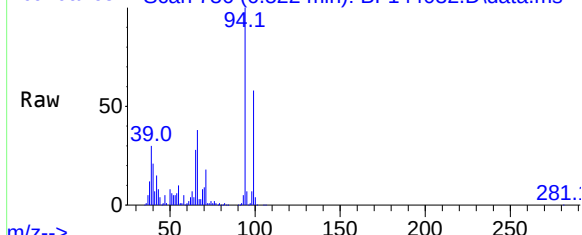
Time--&gt;

Abundance Scan 735 (6.516 min): BF143879.D\data.ms (-72



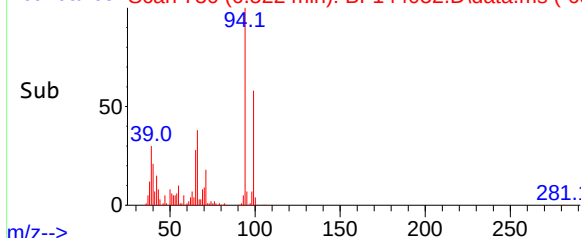
m/z--&gt;

Abundance Scan 736 (6.522 min): BF144032.D\data.ms



m/z--&gt;

Abundance Scan 736 (6.522 min): BF144032.D\data.ms (-68



m/z--&gt;

#10

Phenol

Concen: 40.961 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 94 Resp: 415210

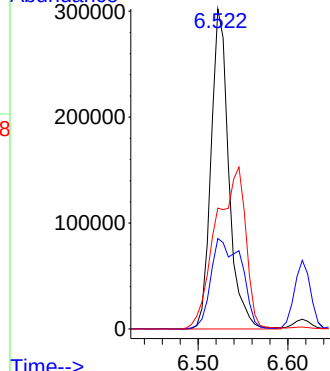
Ion Ratio Lower Upper

94 100

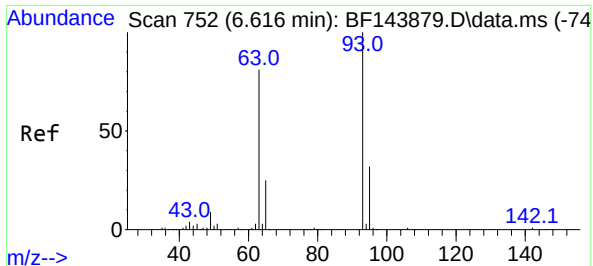
65 28.2 8.5 48.5

66 37.8 19.9 59.9

Abundance



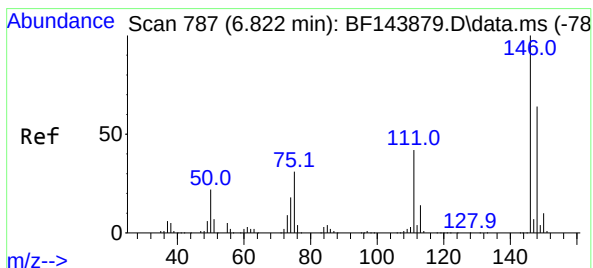
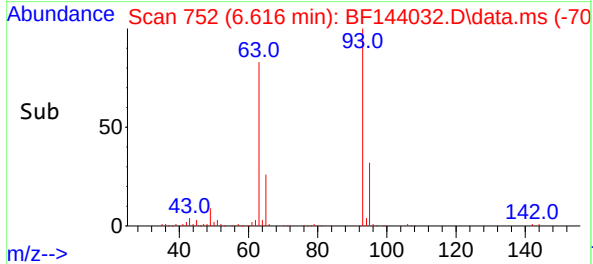
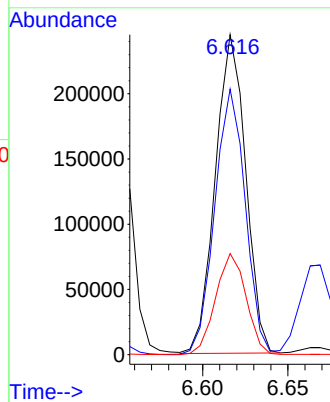
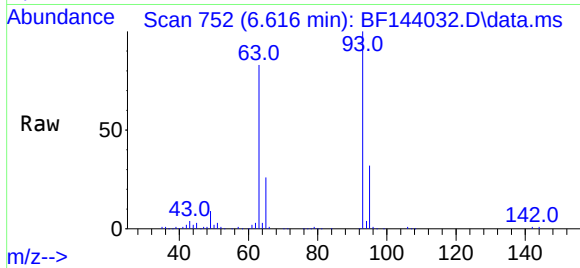
Time--&gt;



#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.721 ng  
 RT: 6.616 min Scan# 752  
 Delta R.T. -0.012 min  
 Lab File: BF144032.D  
 Acq: 22 Oct 2025 10:25

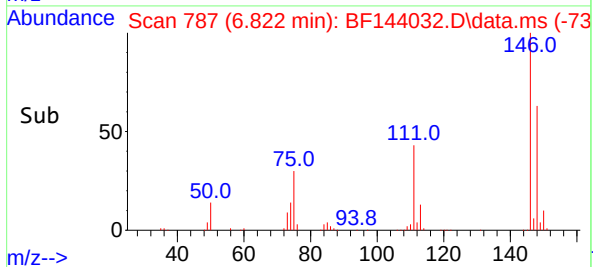
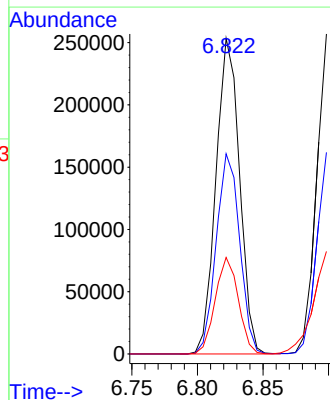
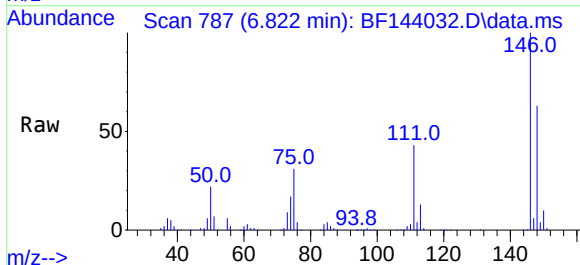
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 93 Resp: 303201  
 Ion Ratio Lower Upper  
 93 100  
 63 83.0 60.9 100.9  
 95 31.6 11.5 51.5

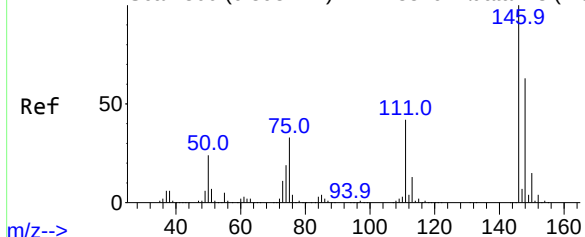


#12  
 1,3-Dichlorobenzene  
 Concen: 38.108 ng  
 RT: 6.822 min Scan# 787  
 Delta R.T. -0.006 min  
 Lab File: BF144032.D  
 Acq: 22 Oct 2025 10:25

Tgt Ion: 146 Resp: 317188  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 51.0 76.4  
 75 30.6 24.9 37.3

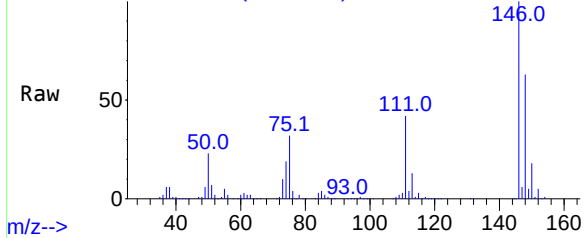


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



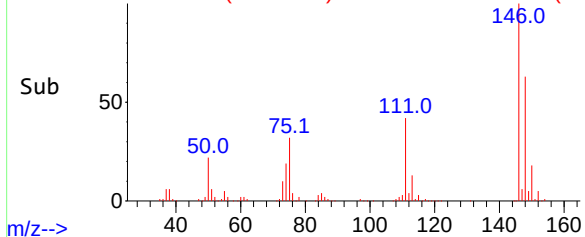
m/z--&gt;

Abundance Scan 800 (6.898 min): BF144032.D\data.ms



m/z--&gt;

Abundance Scan 800 (6.898 min): BF144032.D\data.ms (-75



m/z--&gt;

#13

1,4-Dichlorobenzene

Concen: 39.051 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

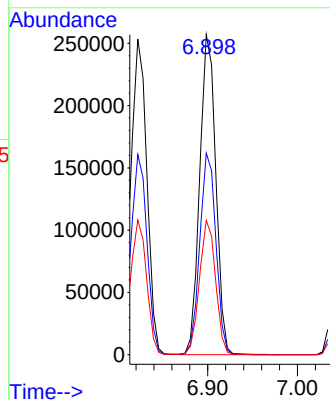
Tgt Ion:146 Resp: 320620

Ion Ratio Lower Upper

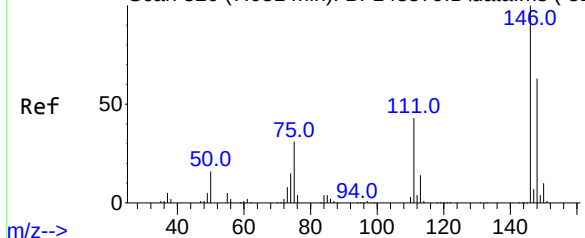
146 100

148 63.0 50.5 75.7

111 42.0 33.4 50.0

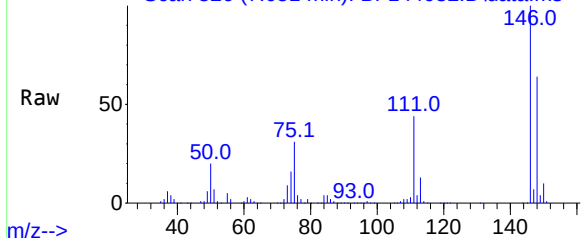


Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



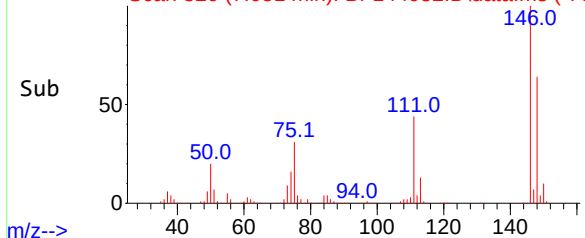
m/z--&gt;

Abundance Scan 826 (7.051 min): BF144032.D\data.ms



m/z--&gt;

Abundance Scan 826 (7.051 min): BF144032.D\data.ms (-77



m/z--&gt;

#14

1,2-Dichlorobenzene

Concen: 39.302 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

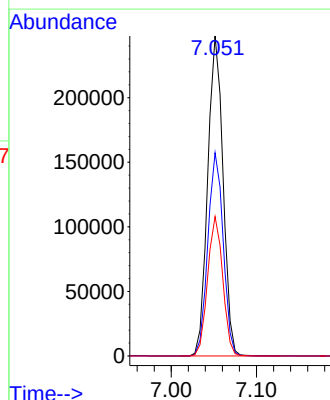
Tgt Ion:146 Resp: 309073

Ion Ratio Lower Upper

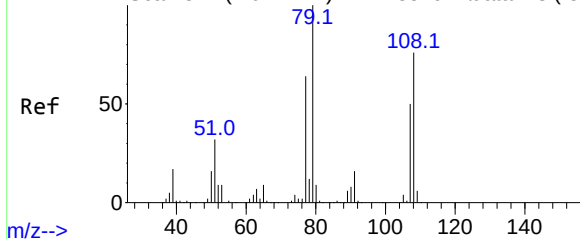
146 100

148 63.5 50.6 75.8

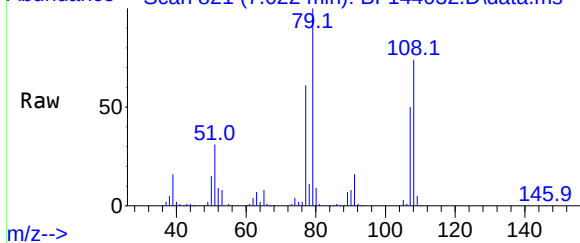
111 43.5 34.6 51.8



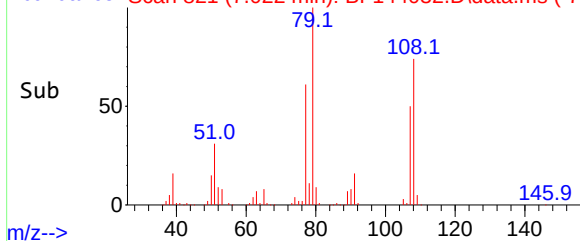
Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



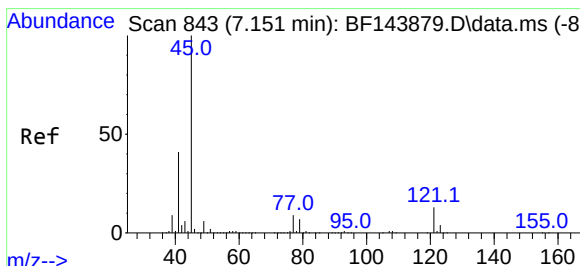
m/z--&gt; Abundance Scan 821 (7.022 min): BF144032.D\data.ms



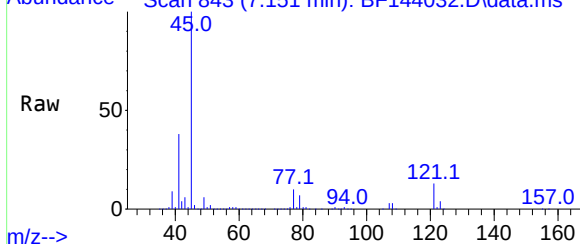
m/z--&gt; Abundance Scan 821 (7.022 min): BF144032.D\data.ms (-77



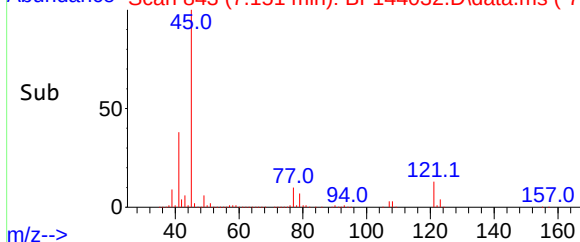
m/z--&gt; Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



m/z--&gt; Abundance Scan 843 (7.151 min): BF144032.D\data.ms



m/z--&gt; Abundance Scan 843 (7.151 min): BF144032.D\data.ms (-79



m/z--&gt; Abundance

#15

Benzyl Alcohol

Concen: 38.164 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 242449

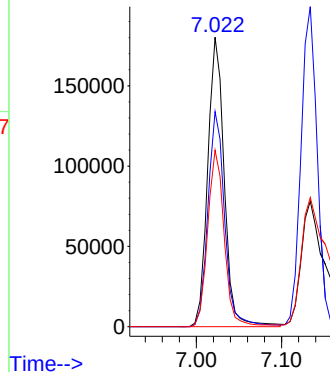
Ion Ratio Lower Upper

79 100

108 74.3 60.8 91.2

77 61.0 51.0 76.6

Abundance



Time--&gt;

#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.888 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 45 Resp: 693138

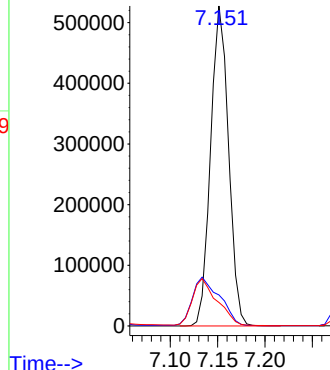
Ion Ratio Lower Upper

45 100

77 9.7 0.0 29.0

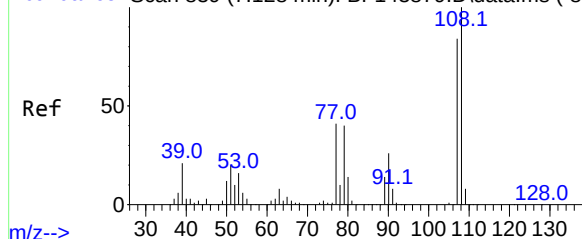
79 7.3 0.0 26.8

Abundance



Time--&gt;

Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83

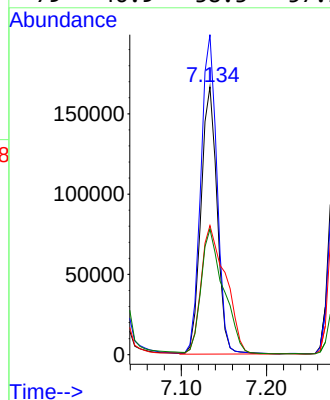
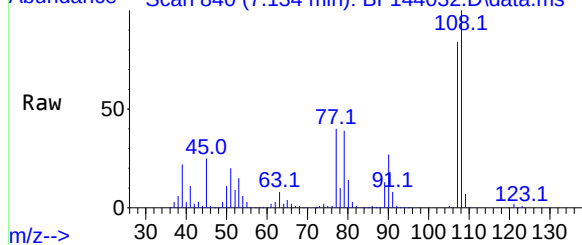


#17  
2-Methylphenol  
Concen: 38.143 ng  
RT: 7.134 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

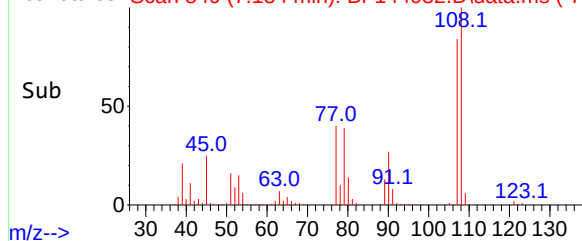
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 219189  
Ion Ratio Lower Upper  
107 100  
108 119.5 94.7 142.1  
77 48.2 38.8 58.2  
79 46.9 38.3 57.5

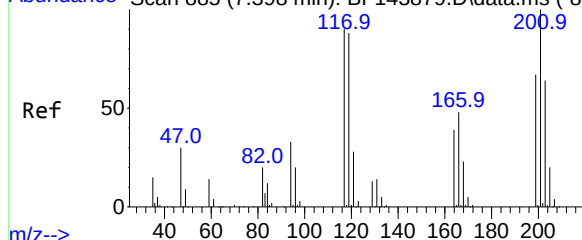
Abundance Scan 840 (7.134 min): BF144032.D\data.ms



Abundance Scan 840 (7.134 min): BF144032.D\data.ms (-78



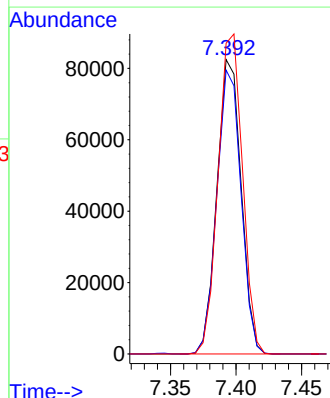
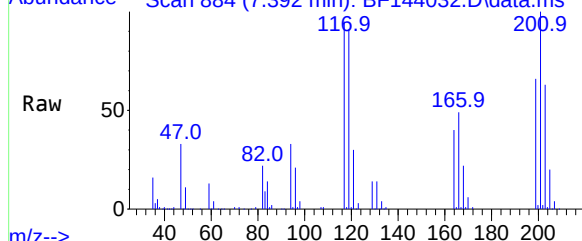
Abundance Scan 885 (7.398 min): BF143879.D\data.ms (-87



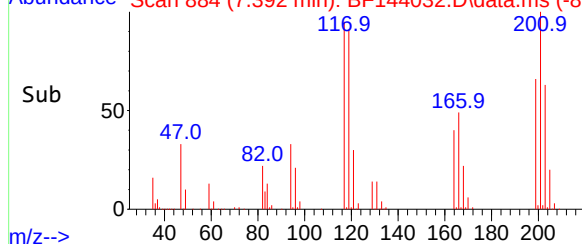
#18  
Hexachloroethane  
Concen: 38.681 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

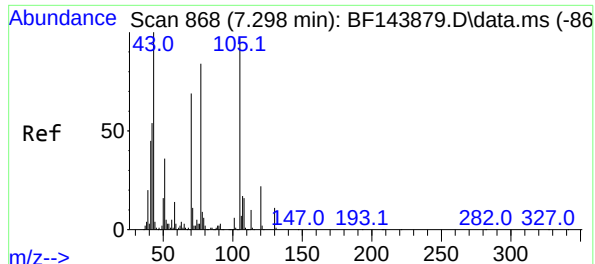
Tgt Ion:117 Resp: 105913  
Ion Ratio Lower Upper  
117 100  
119 96.4 77.8 116.8  
201 105.5 88.5 132.7

Abundance Scan 884 (7.392 min): BF144032.D\data.ms



Abundance Scan 884 (7.392 min): BF144032.D\data.ms (-83





#19

n-Nitroso-di-n-propylamine

Concen: 36.214 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 210181

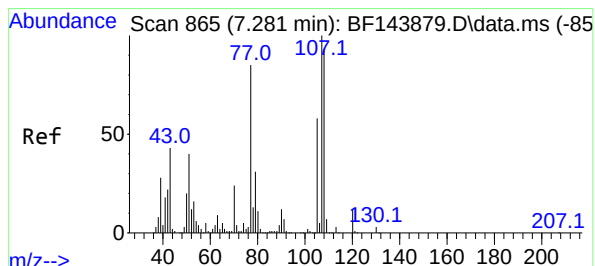
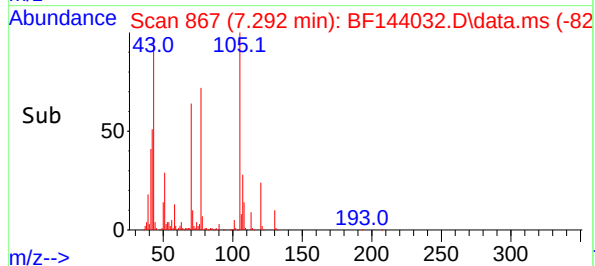
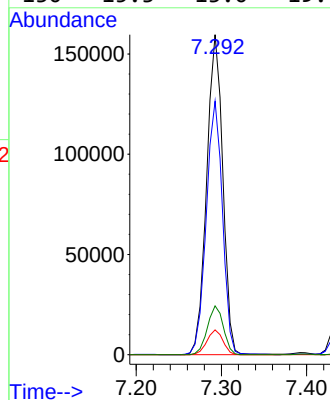
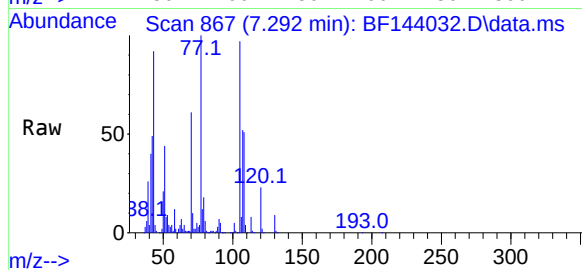
Ion Ratio Lower Upper

70 100

42 79.2 62.8 94.2

101 7.7 6.7 10.1

130 15.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 38.820 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:107 Resp: 258547

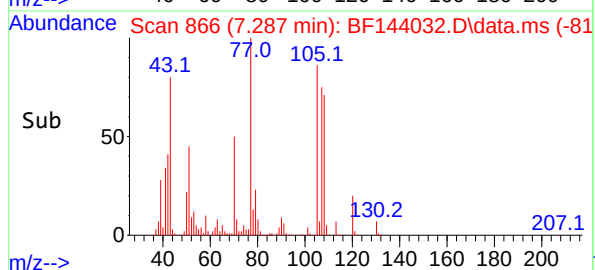
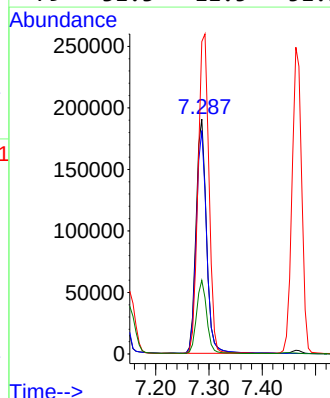
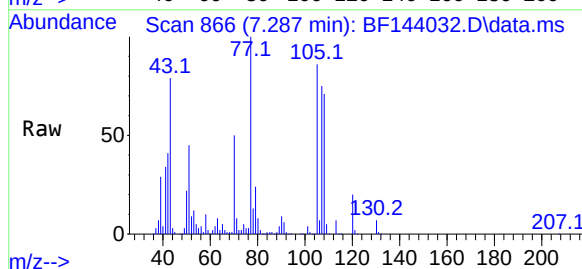
Ion Ratio Lower Upper

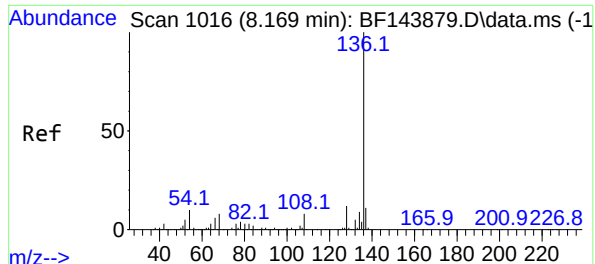
107 100

108 95.1 73.0 113.0

77 133.0 64.6 104.6#

79 31.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 428129

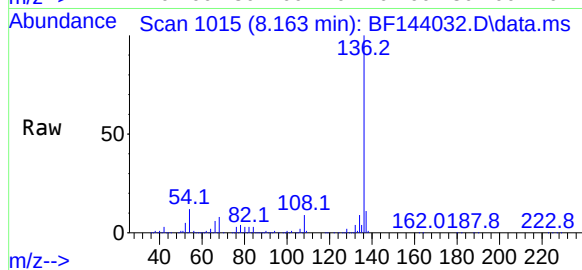
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

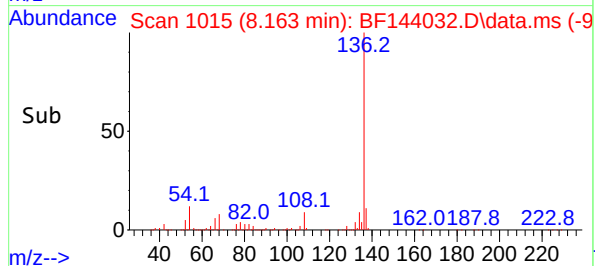
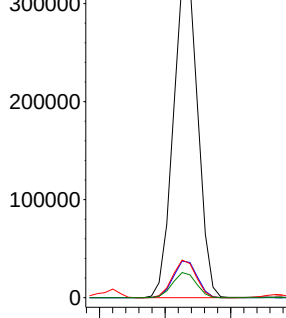
54 11.7 8.2 12.4

68 7.8 6.2 9.4

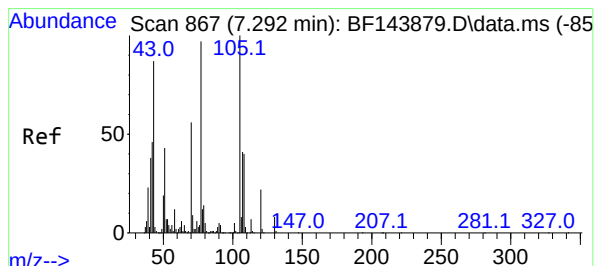


Abundance

8.163



Time--&gt;



#22

Acetophenone

Concen: 36.806 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:105 Resp: 333187

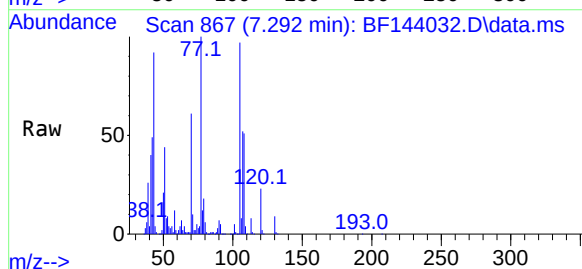
Ion Ratio Lower Upper

105 100

71 10.0 7.4 11.0

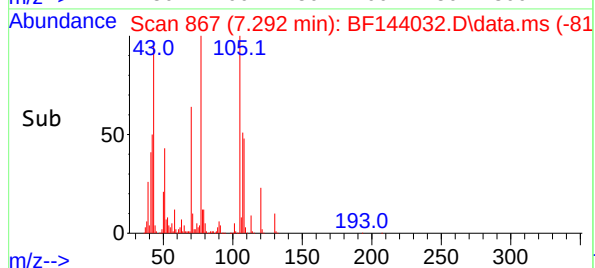
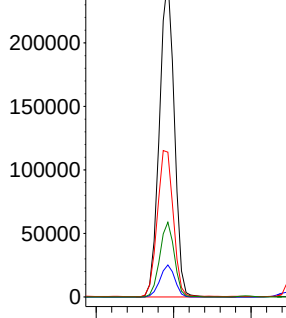
51 45.3 34.2 51.4

120 23.4 17.7 26.5



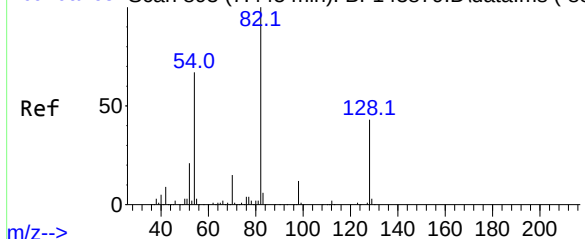
Abundance

7.292





Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 80.513 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

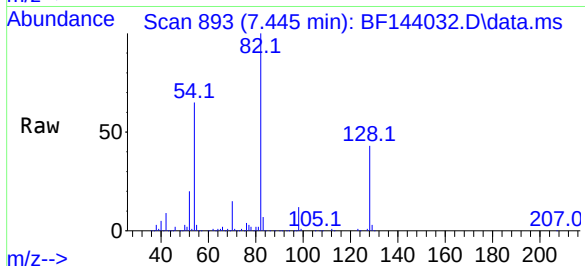
BNA\_F

ClientSampleId :

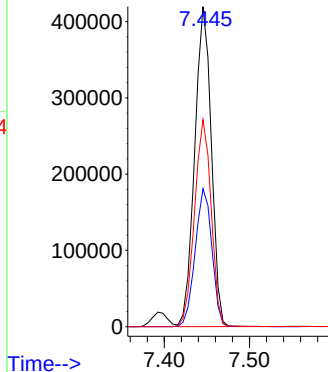
SSTDCCC040

Tgt Ion: 82 Resp: 567360

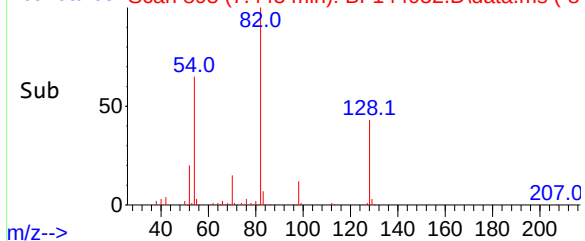
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.1  | 34.0  | 51.0  |
| 54  | 64.7  | 53.2  | 79.8  |



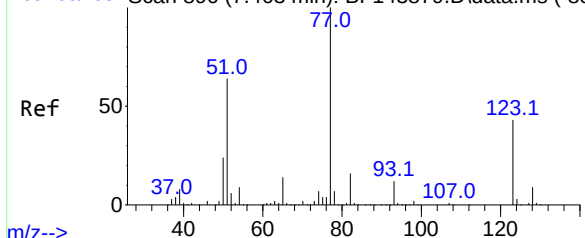
Abundance



Abundance Scan 893 (7.445 min): BF144032.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



#24

Nitrobenzene

Concen: 40.091 ng

RT: 7.463 min Scan# 896

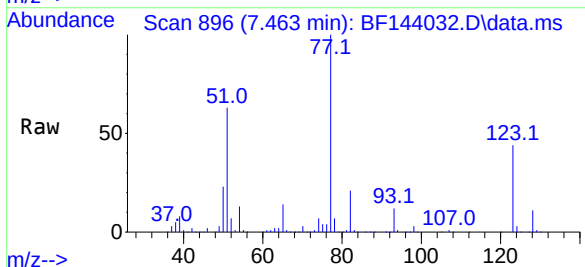
Delta R.T. -0.012 min

Lab File: BF144032.D

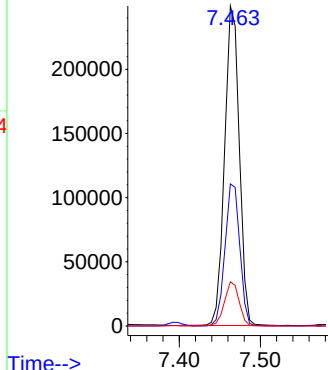
Acq: 22 Oct 2025 10:25

Tgt Ion: 77 Resp: 313733

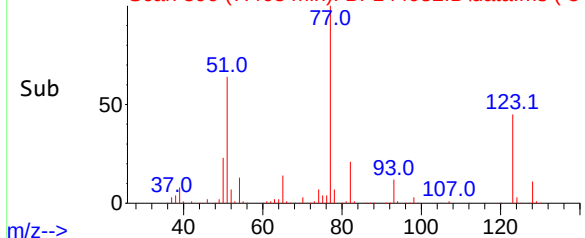
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.4  | 34.2  | 51.4  |
| 65  | 13.8  | 11.0  | 16.6  |



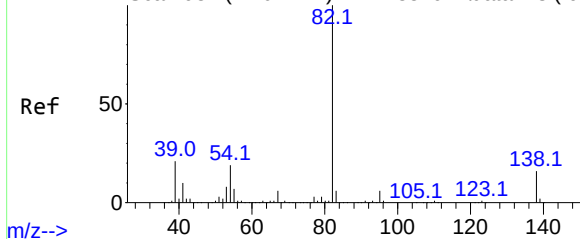
Abundance



Abundance Scan 896 (7.463 min): BF144032.D\data.ms (-84



Abundance Scan 937 (7.704 min): BF143879.D\data.ms (-93



#25

Isophorone

Concen: 36.283 ng

RT: 7.704 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

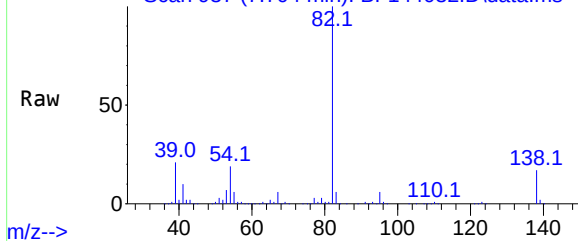
BNA\_F

ClientSampleId :

SSTDCCC040

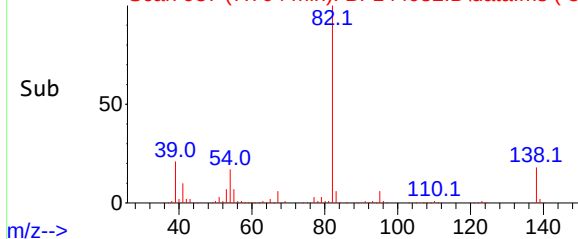
m/z--&gt;

Abundance Scan 937 (7.704 min): BF144032.D\data.ms

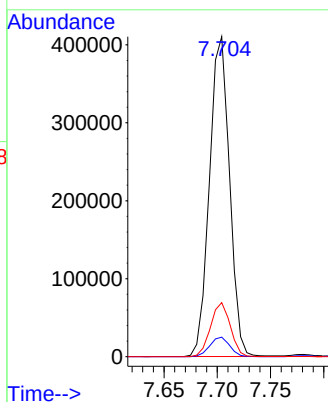


m/z--&gt;

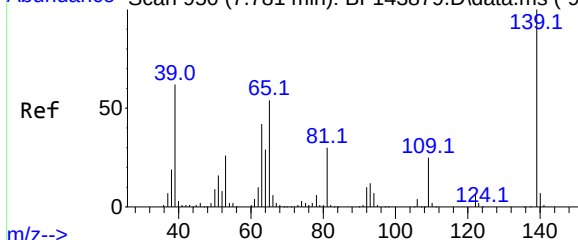
Abundance Scan 937 (7.704 min): BF144032.D\data.ms (-88



m/z--&gt;

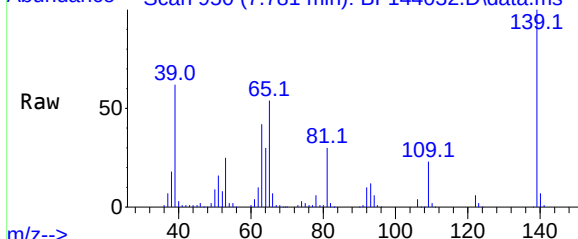


Abundance Scan 950 (7.781 min): BF143879.D\data.ms (-94



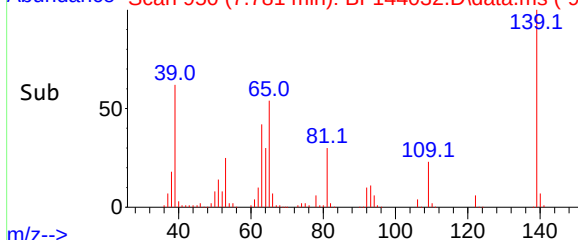
m/z--&gt;

Abundance Scan 950 (7.781 min): BF144032.D\data.ms



m/z--&gt;

Abundance Scan 950 (7.781 min): BF144032.D\data.ms (-90



m/z--&gt;

#26

2-Nitrophenol

Concen: 44.102 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

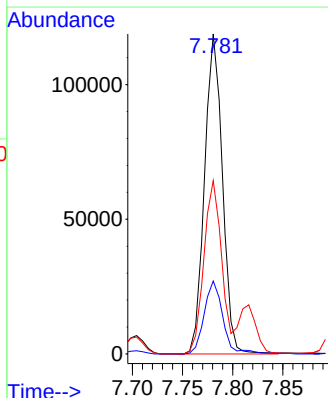
Tgt Ion:139 Resp: 147965

Ion Ratio Lower Upper

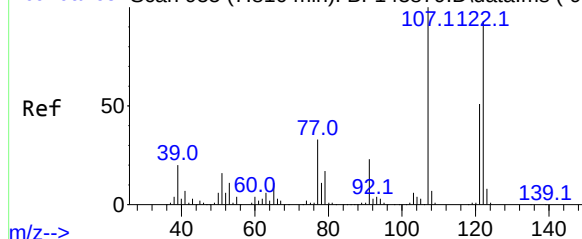
139 100

109 22.8 19.8 29.6

65 54.1 42.9 64.3



Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94



#27

2,4-Dimethylphenol

Concen: 38.775 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 234021

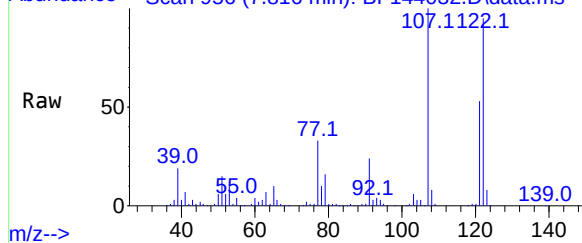
Ion Ratio Lower Upper

122 100

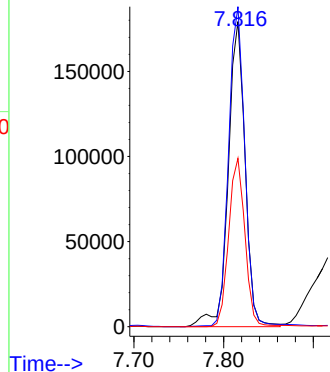
107 104.9 86.1 129.1

121 55.1 43.8 65.6

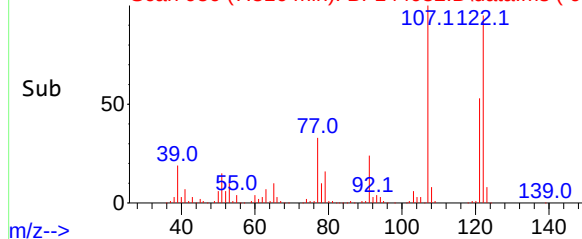
Abundance Scan 956 (7.816 min): BF144032.D\data.ms



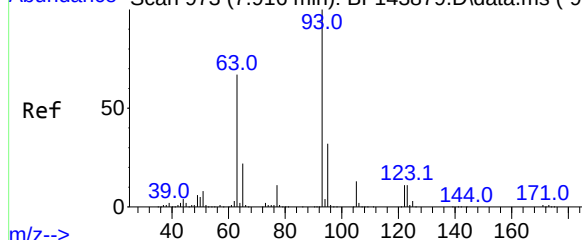
Abundance



Abundance Scan 956 (7.816 min): BF144032.D\data.ms (-90



Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96



#28

bis(2-Chloroethoxy)methane

Concen: 38.064 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 93 Resp: 357265

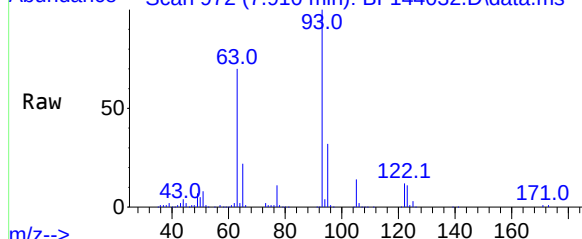
Ion Ratio Lower Upper

93 100

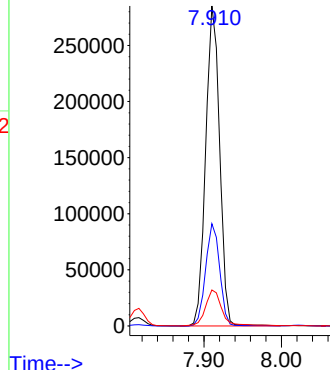
95 32.0 25.9 38.9

123 11.2 9.4 14.0

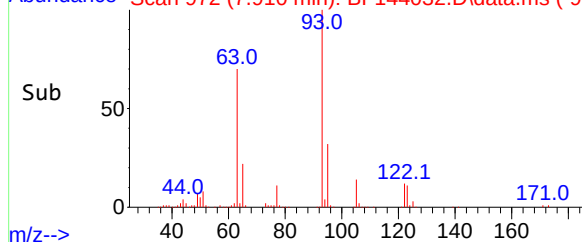
Abundance Scan 972 (7.910 min): BF144032.D\data.ms



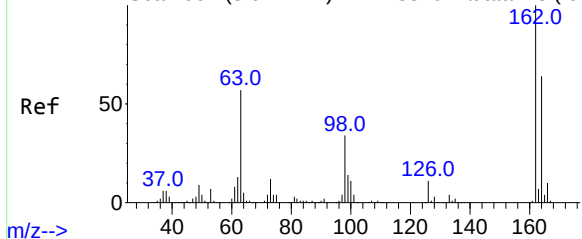
Abundance



Abundance Scan 972 (7.910 min): BF144032.D\data.ms (-92



Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 38.622 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 242803

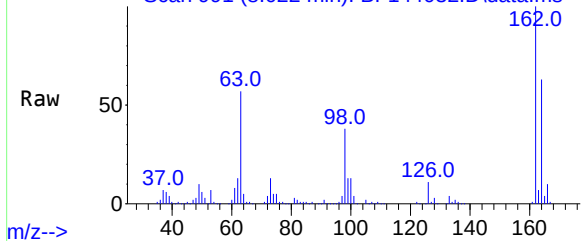
Ion Ratio Lower Upper

162 100

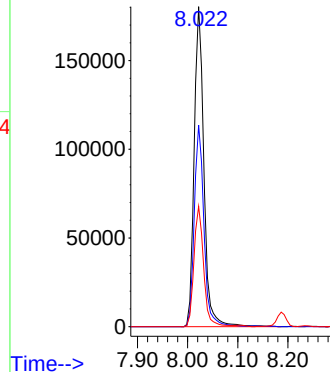
164 63.0 43.9 83.9

98 37.6 14.4 54.4

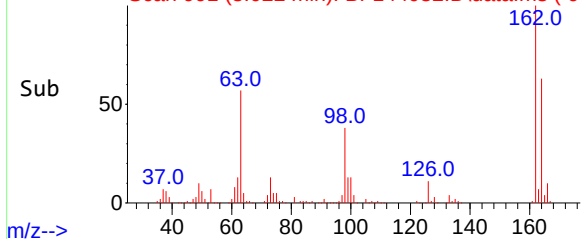
Abundance Scan 991 (8.022 min): BF144032.D\data.ms



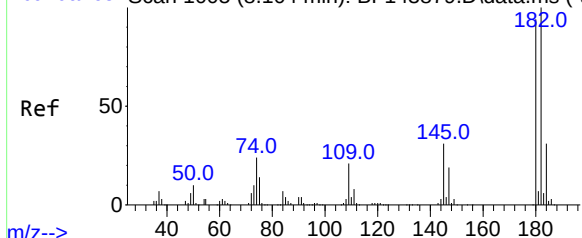
Abundance



Abundance Scan 991 (8.022 min): BF144032.D\data.ms (-94



Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



#30

1,2,4-Trichlorobenzene

Concen: 38.111 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:180 Resp: 235631

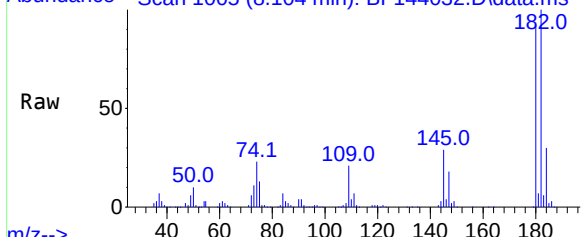
Ion Ratio Lower Upper

180 100

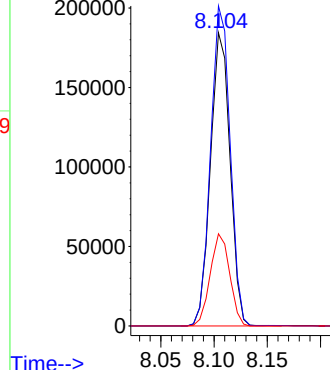
182 109.2 85.4 128.0

145 31.4 26.3 39.5

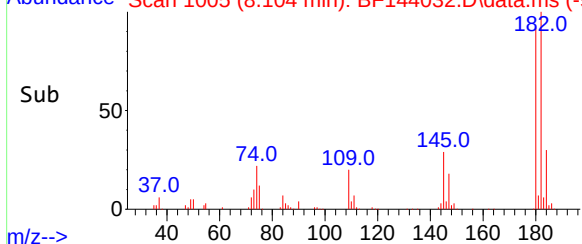
Abundance Scan 1005 (8.104 min): BF144032.D\data.ms

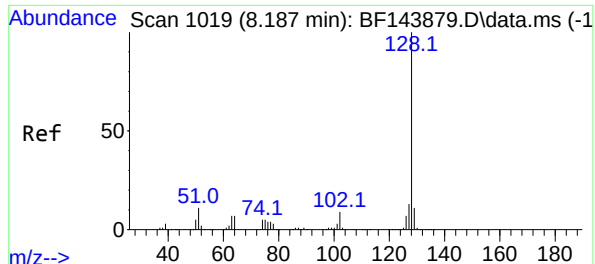


Abundance



Abundance Scan 1005 (8.104 min): BF144032.D\data.ms (-9





#31

Naphthalene

Concen: 38.125 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

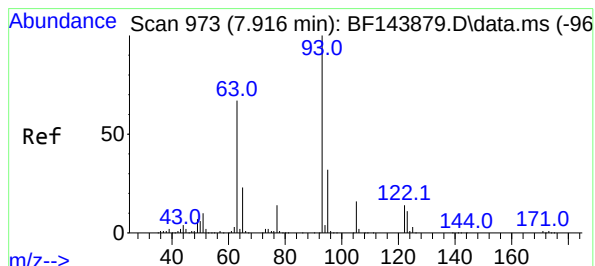
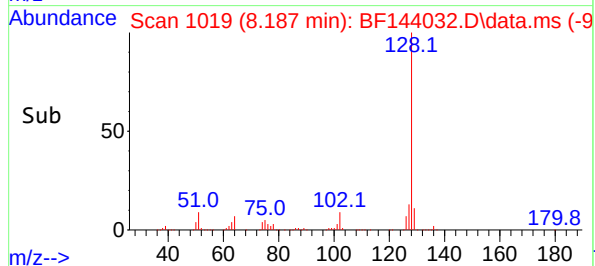
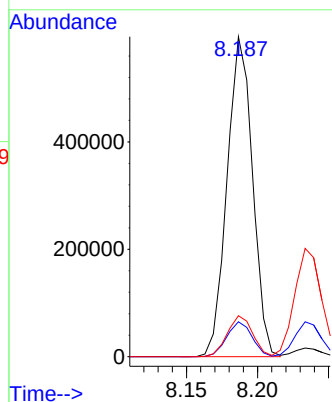
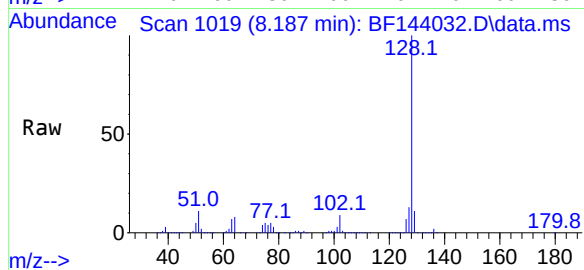
Tgt Ion:128 Resp: 742491

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.8 10.0 15.0



#32

Benzoic acid

Concen: 33.454 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

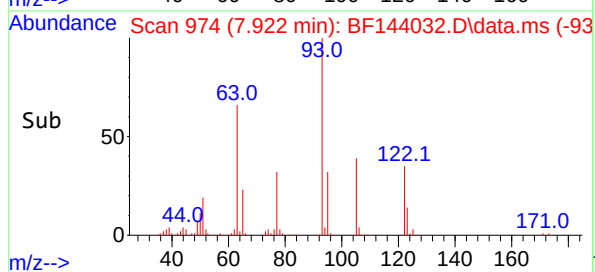
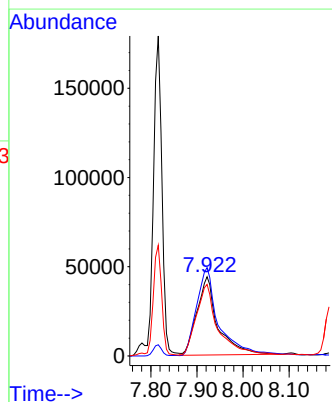
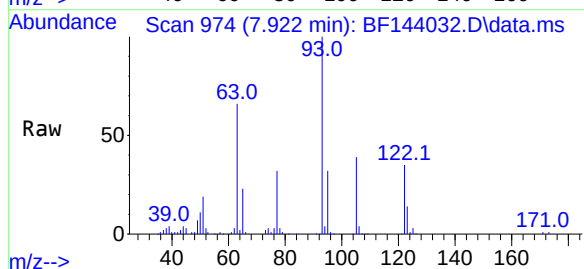
Tgt Ion:122 Resp: 139736

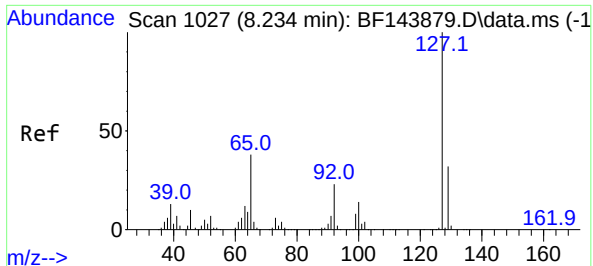
Ion Ratio Lower Upper

122 100

105 111.6 93.5 133.5

77 90.3 76.3 116.3



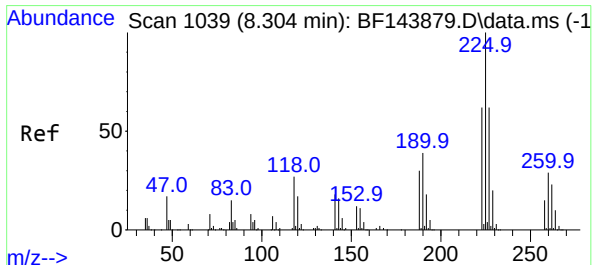
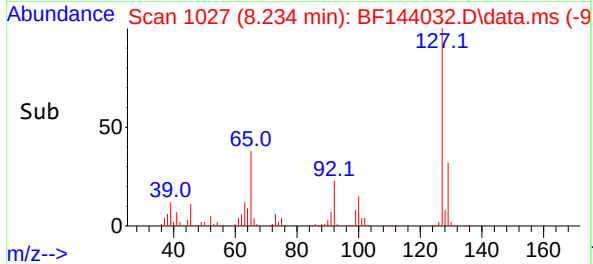
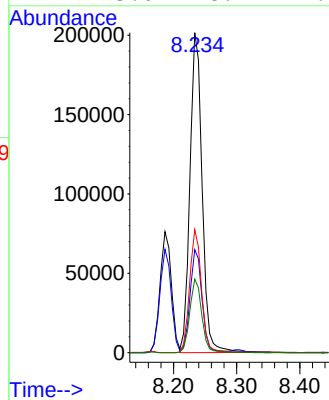
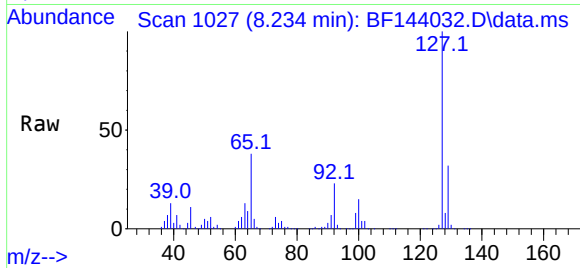


#33  
4-Chloroaniline  
Concen: 37.121 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:127 Resp: 271142

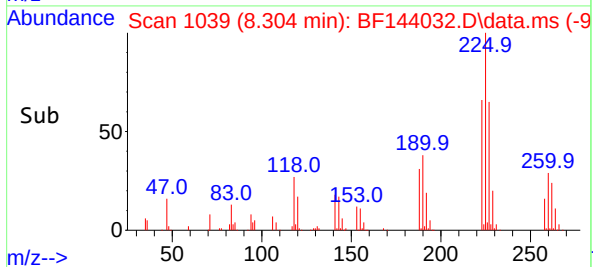
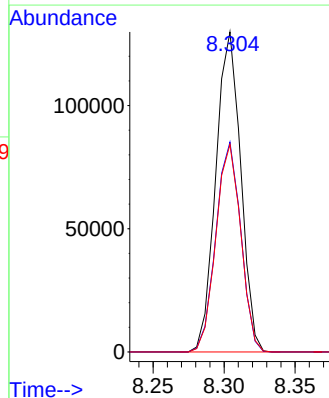
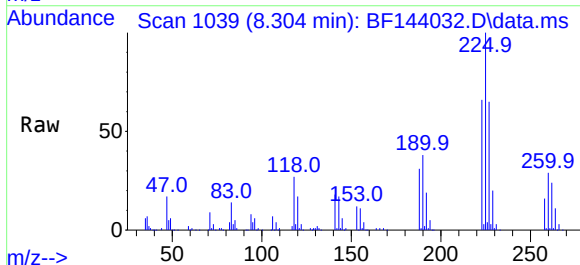
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.2  | 25.8  | 38.8  |
| 65  | 38.5  | 30.0  | 45.0  |
| 92  | 23.0  | 18.2  | 27.2  |

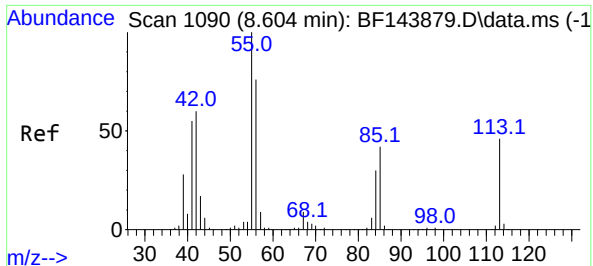


#34  
Hexachlorobutadiene  
Concen: 36.820 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:225 Resp: 158191

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 65.5  | 49.4  | 74.2  |
| 227 | 64.9  | 49.7  | 74.5  |

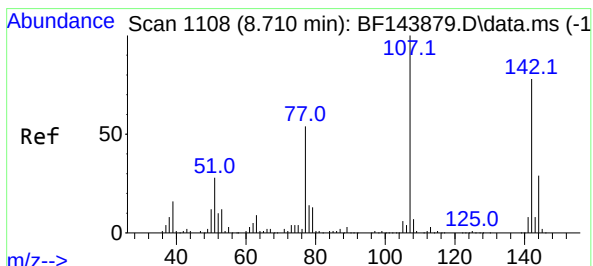
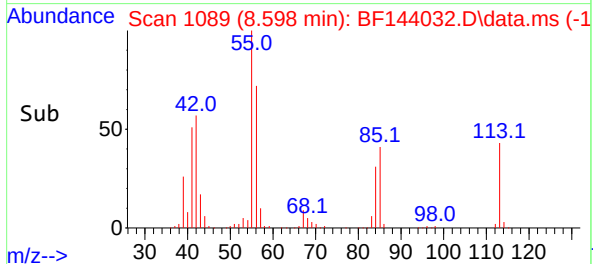
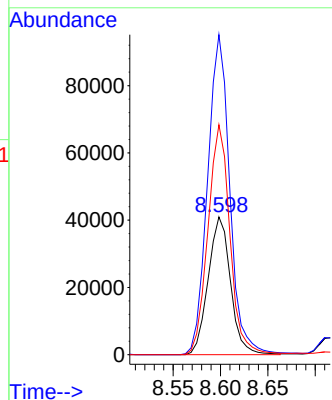
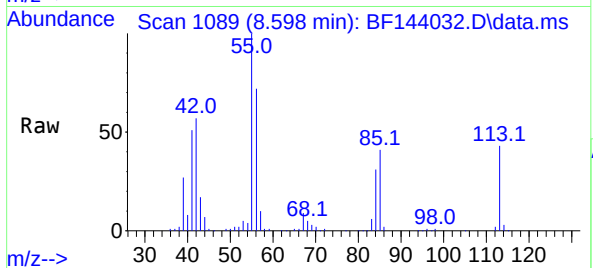




#35  
Caprolactam  
Concen: 33.592 ng  
RT: 8.598 min Scan# 1090  
Delta R.T. -0.047 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

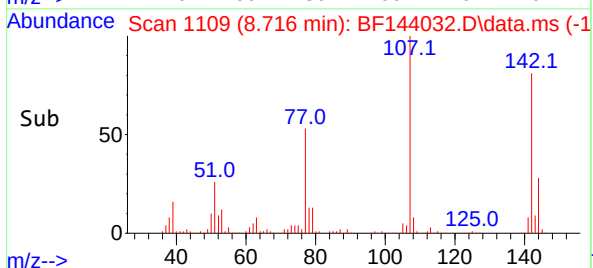
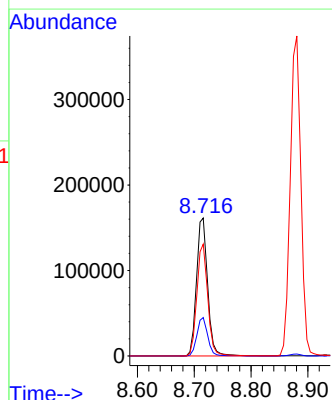
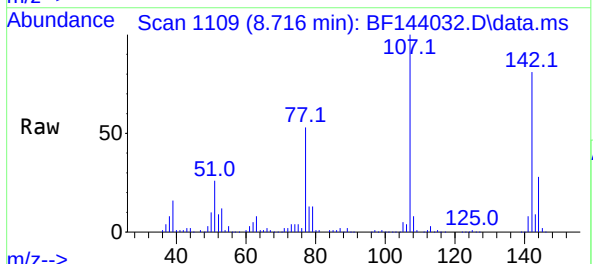
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

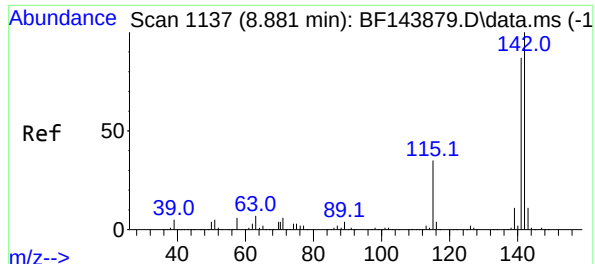
Tgt Ion:113 Resp: 67146  
Ion Ratio Lower Upper  
113 100  
55 232.4 199.6 239.6  
56 166.9 146.0 186.0



#36  
4-Chloro-3-methylphenol  
Concen: 36.599 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:107 Resp: 221009  
Ion Ratio Lower Upper  
107 100  
144 27.8 23.1 34.7  
142 81.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 37.215 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

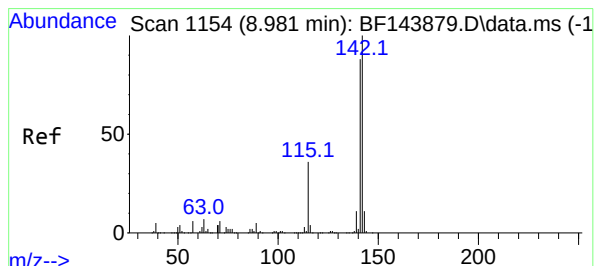
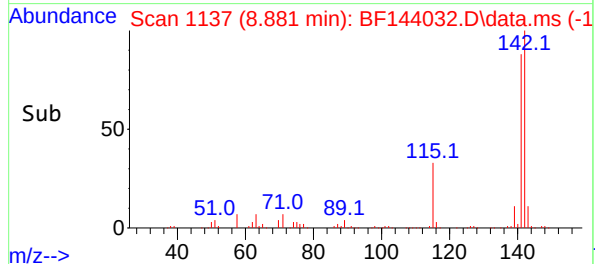
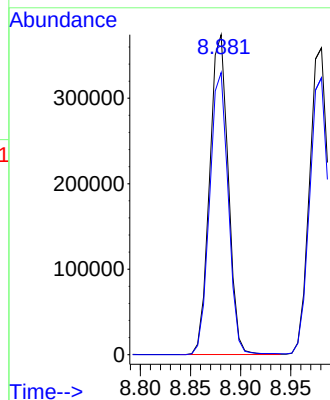
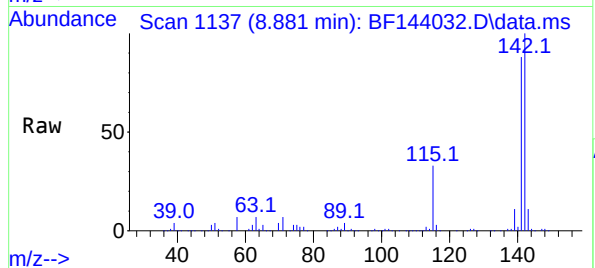
SSTDCCC040

Tgt Ion:142 Resp: 482790

Ion Ratio Lower Upper

142 100

141 88.1 69.2 103.8



#38

1-Methylnaphthalene

Concen: 36.835 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF144032.D

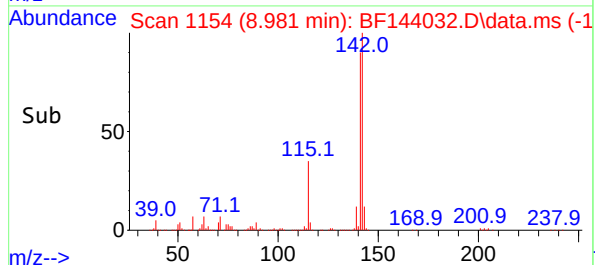
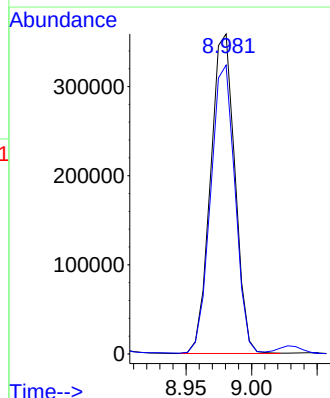
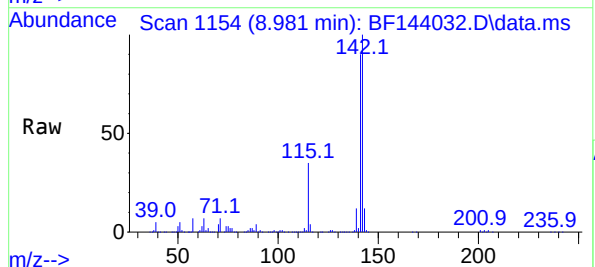
Acq: 22 Oct 2025 10:25

Tgt Ion:142 Resp: 463512

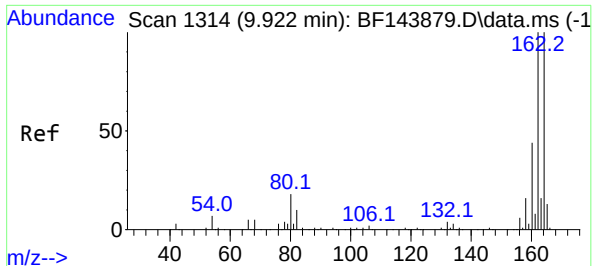
Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 111

Delta R.T. -0.005 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

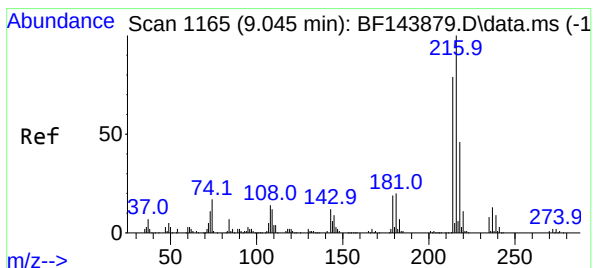
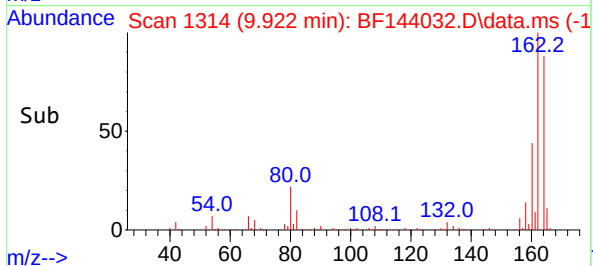
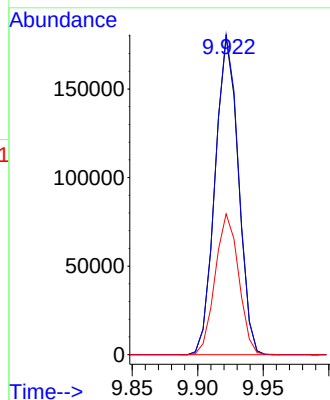
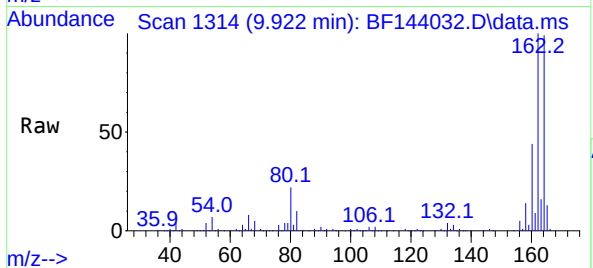
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 220935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.9 | 80.2  | 120.2 |
| 160 | 44.4  | 35.4  | 53.0  |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.935 ng

RT: 9.045 min Scan# 1165

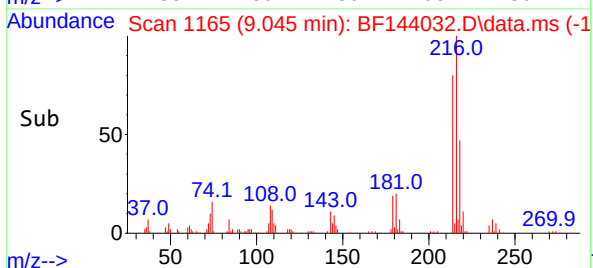
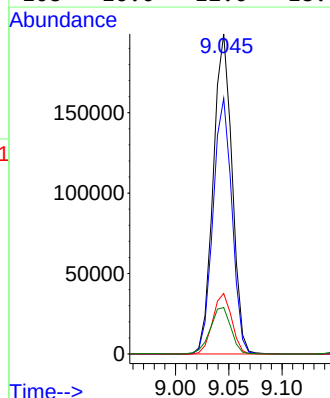
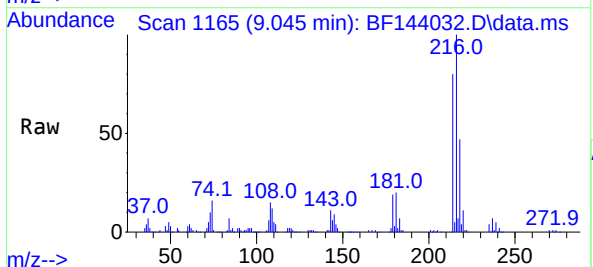
Delta R.T. -0.006 min

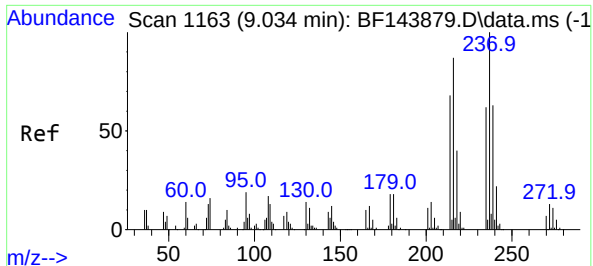
Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:216 Resp: 243860

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 80.1  | 62.6  | 94.0  |
| 179 | 19.1  | 15.4  | 23.0  |
| 108 | 16.0  | 12.0  | 18.0  |





#41

Hexachlorocyclopentadiene

Concen: 34.519 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

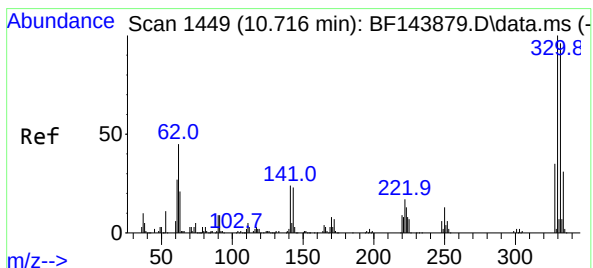
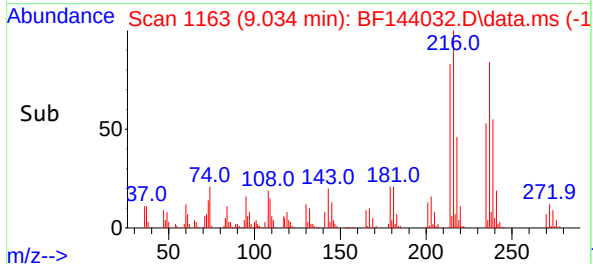
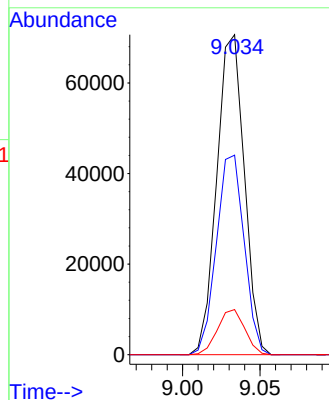
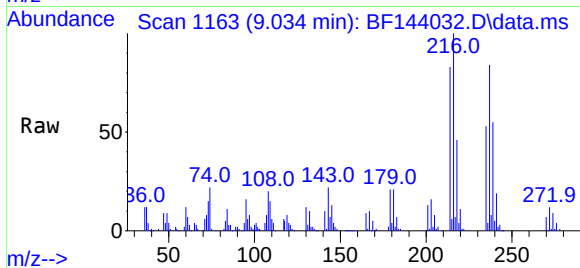
Tgt Ion:237 Resp: 87446

Ion Ratio Lower Upper

237 100

235 62.3 42.3 82.3

272 14.1 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 68.447 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

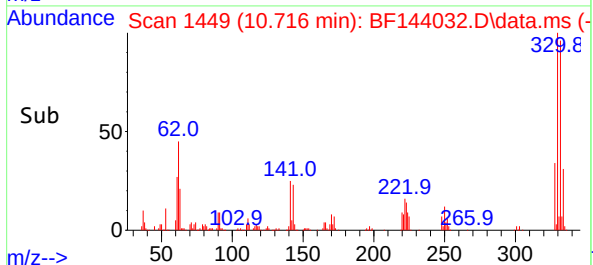
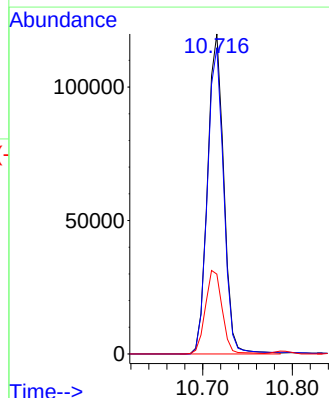
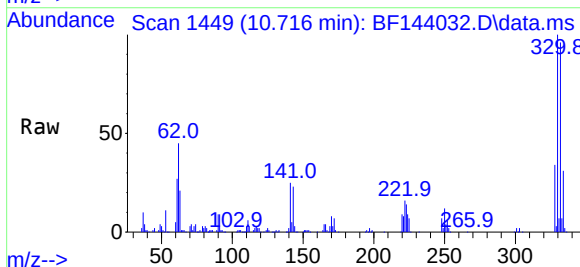
Tgt Ion:330 Resp: 150622

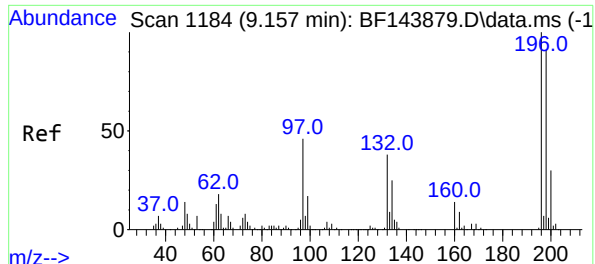
Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 27.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 38.088 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

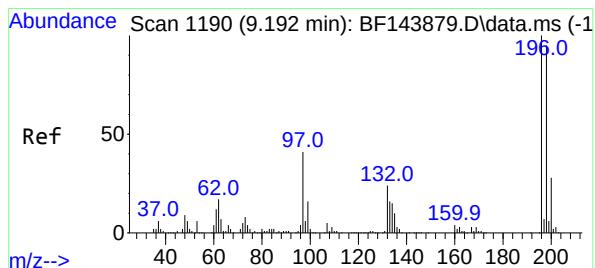
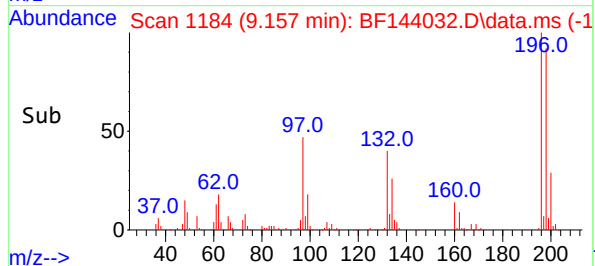
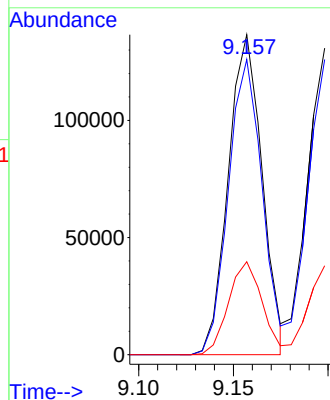
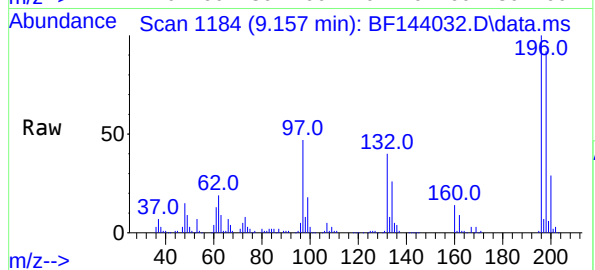
Tgt Ion:196 Resp: 169935

Ion Ratio Lower Upper

196 100

198 92.3 72.8 109.2

200 29.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 38.983 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:196 Resp: 183803

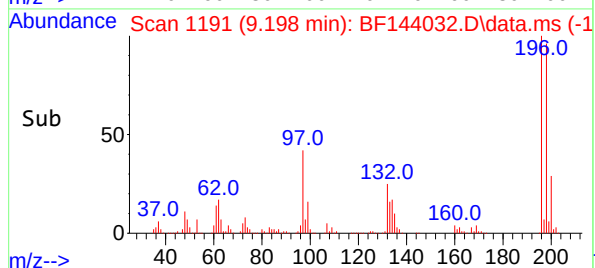
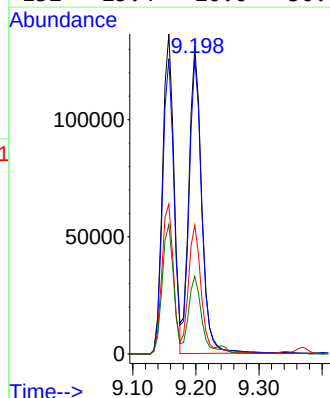
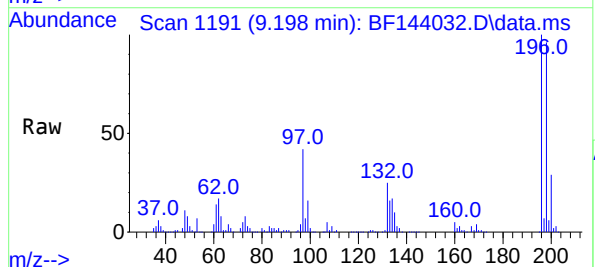
Ion Ratio Lower Upper

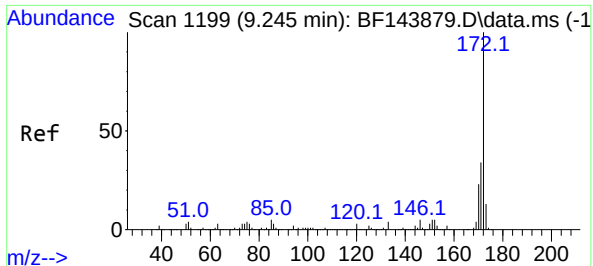
196 100

198 96.3 75.5 113.3

97 42.0 33.9 50.9

132 25.4 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 74.454 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

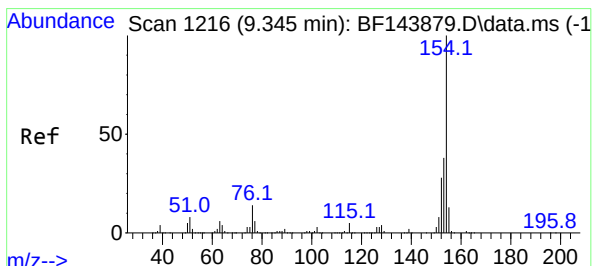
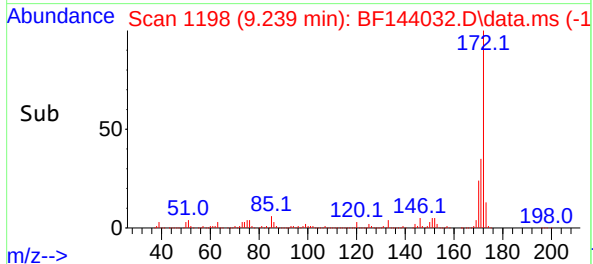
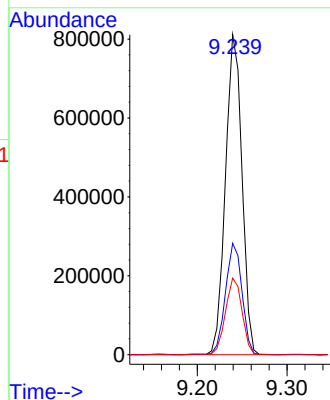
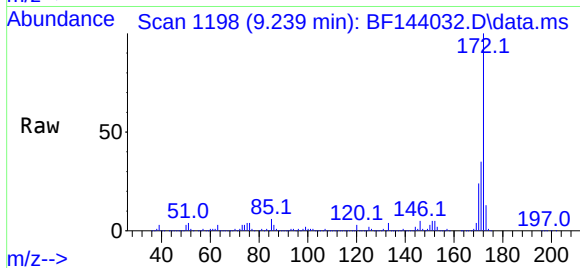
Tgt Ion:172 Resp: 1036678

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.813 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

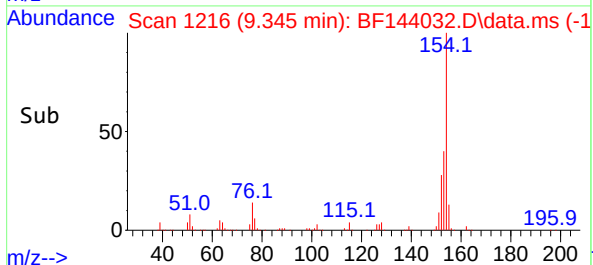
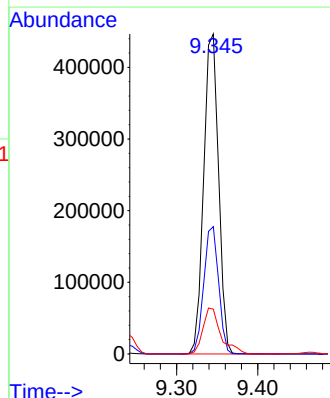
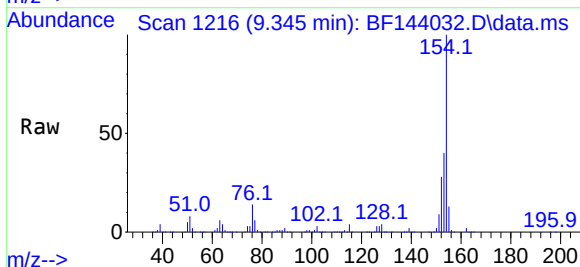
Tgt Ion:154 Resp: 567757

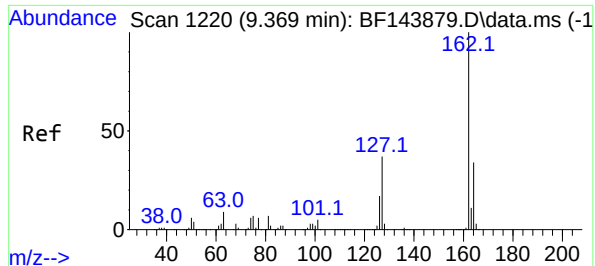
Ion Ratio Lower Upper

154 100

153 39.8 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.918 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

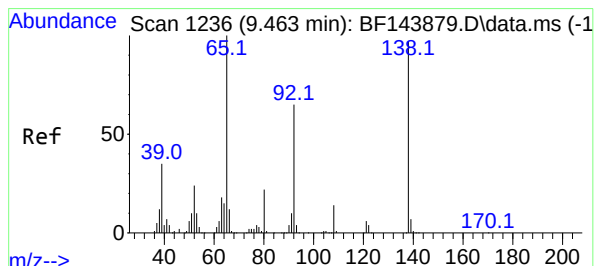
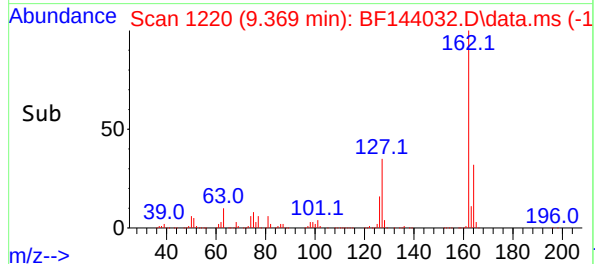
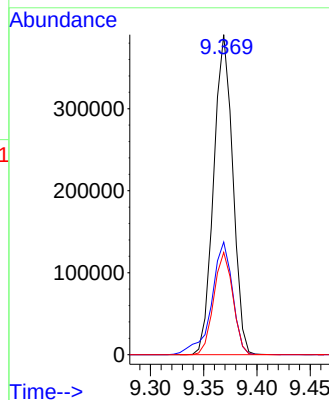
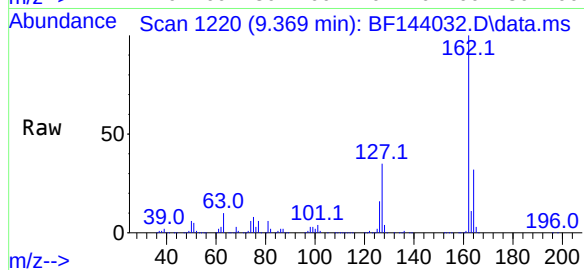
Tgt Ion:162 Resp: 486843

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

164 31.9 26.9 40.3



#48

2-Nitroaniline

Concen: 41.110 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

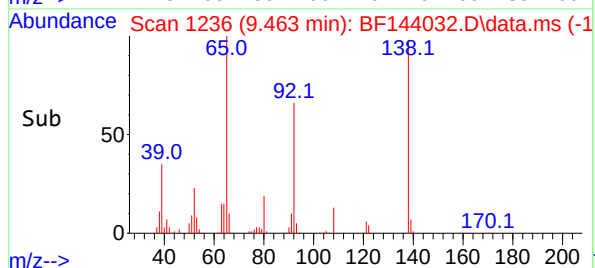
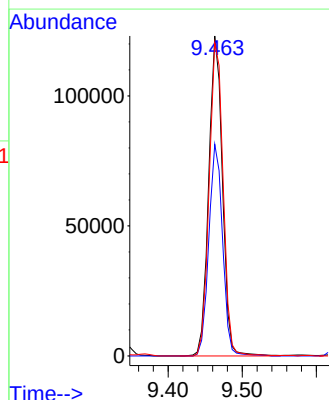
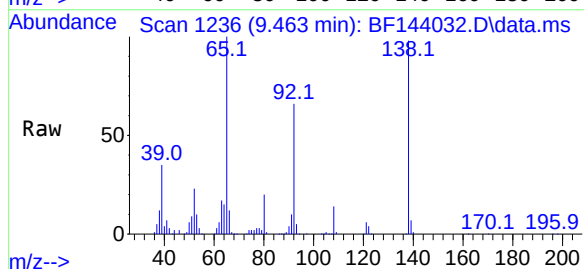
Tgt Ion: 65 Resp: 158514

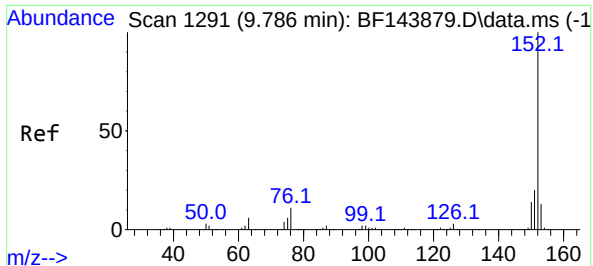
Ion Ratio Lower Upper

65 100

92 66.1 52.1 78.1

138 97.9 77.4 116.2





#49

Acenaphthylene

Concen: 38.355 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

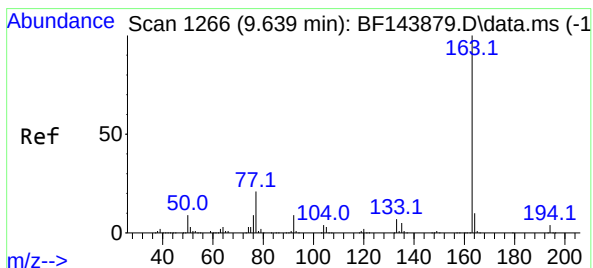
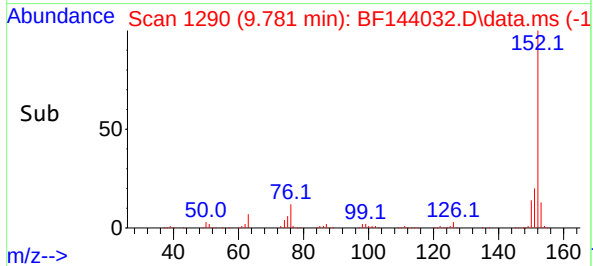
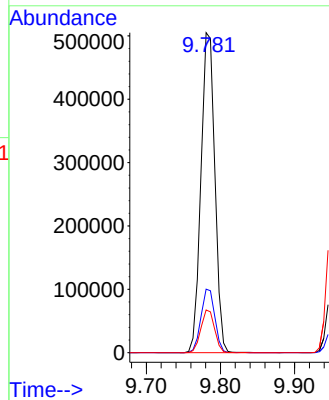
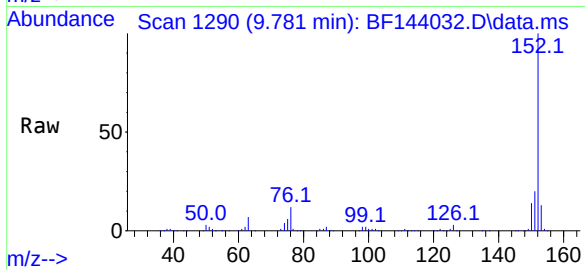
Tgt Ion:152 Resp: 657637

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 36.978 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

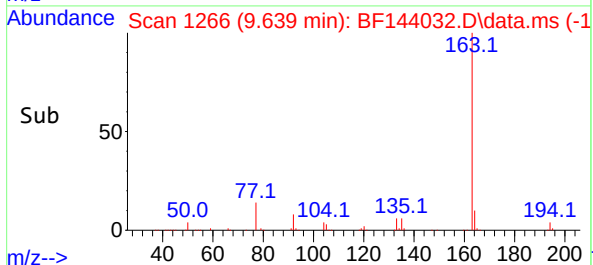
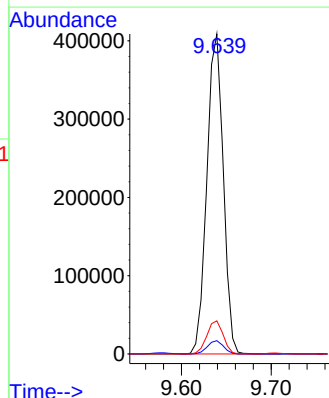
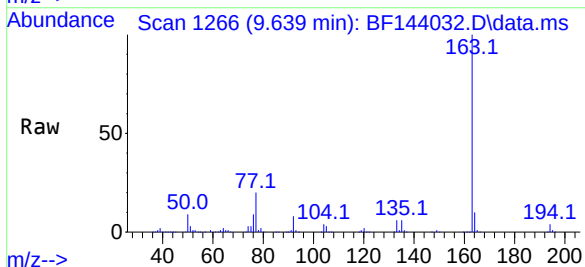
Tgt Ion:163 Resp: 518815

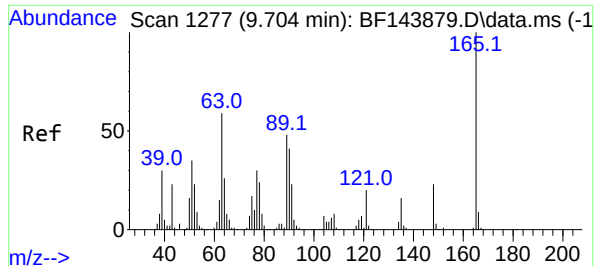
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.669 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

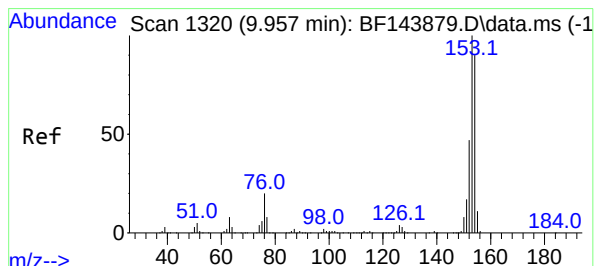
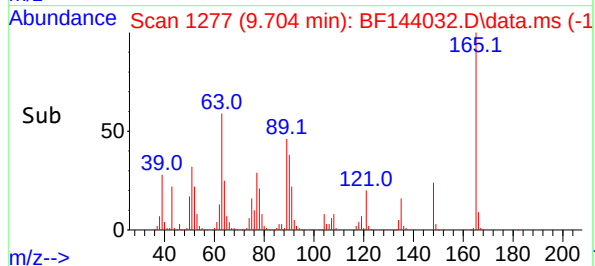
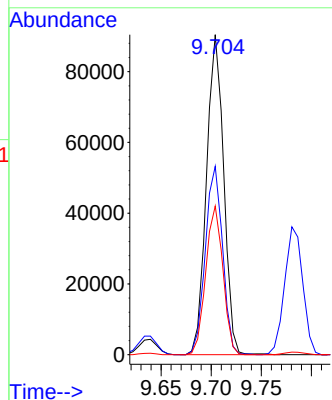
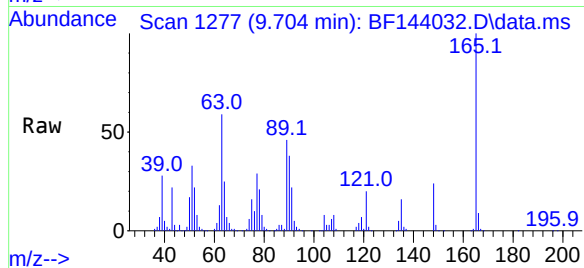
Tgt Ion:165 Resp: 108407

Ion Ratio Lower Upper

165 100

63 58.9 47.3 70.9

89 46.4 38.2 57.4



#52

Acenaphthene

Concen: 38.850 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

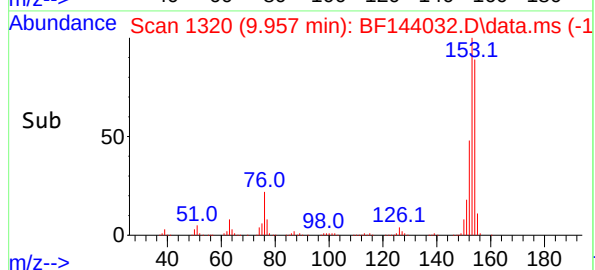
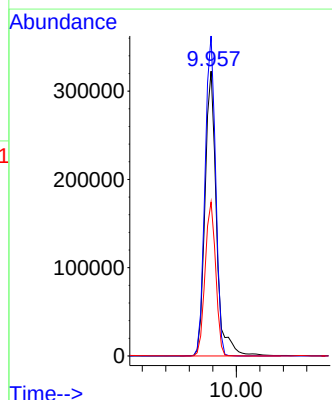
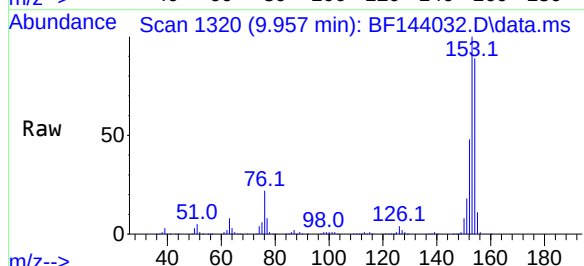
Tgt Ion:154 Resp: 436481

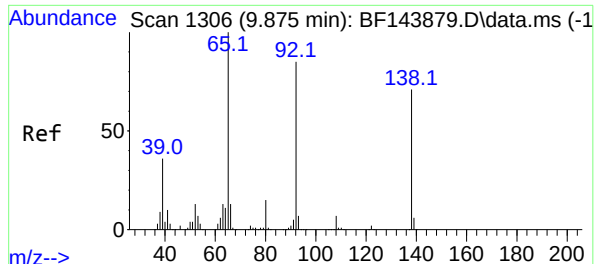
Ion Ratio Lower Upper

154 100

153 112.4 89.3 133.9

152 54.1 42.2 63.2





#53

3-Nitroaniline

Concen: 39.926 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

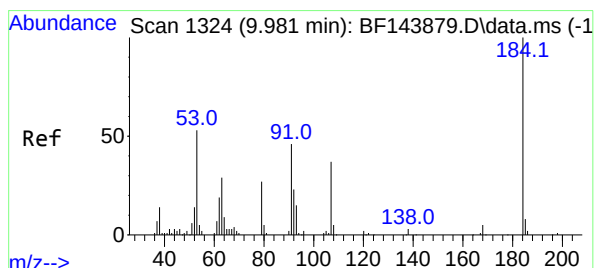
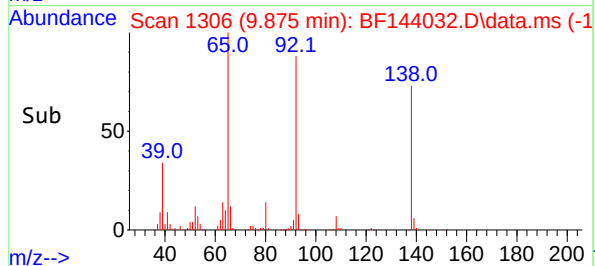
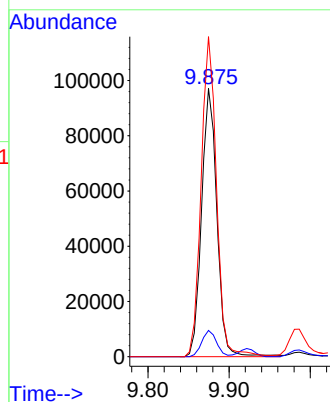
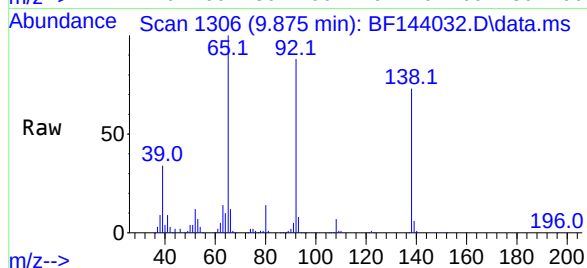
Tgt Ion:138 Resp: 127187

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

92 119.4 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 44.671 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

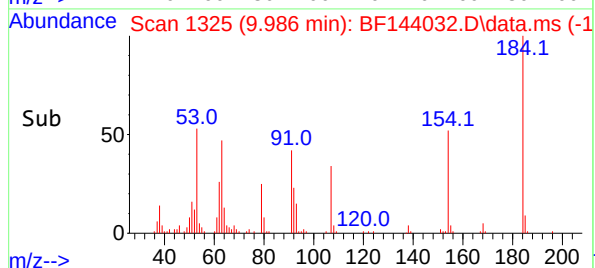
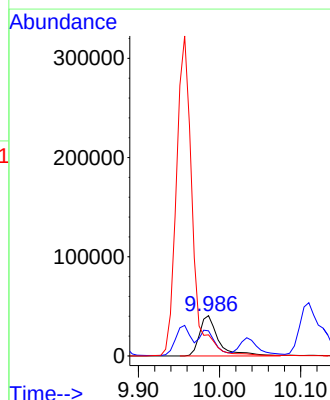
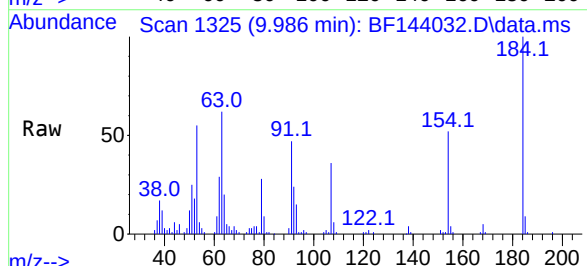
Tgt Ion:184 Resp: 66301

Ion Ratio Lower Upper

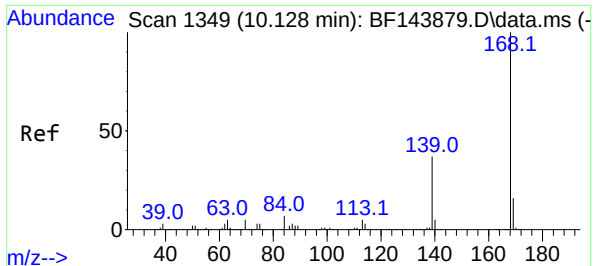
184 100

63 62.2 48.2 72.4

154 52.3 49.2 73.8







#55

Dibenzofuran

Concen: 38.039 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

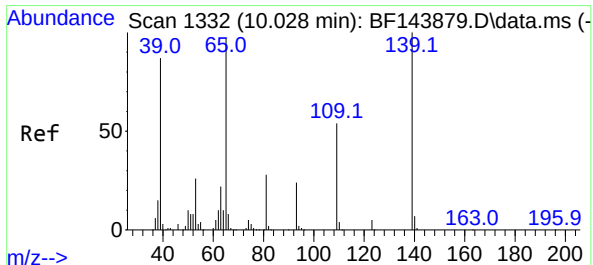
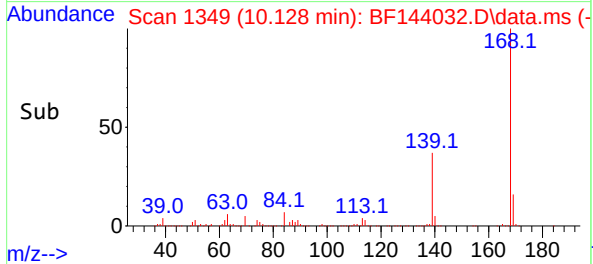
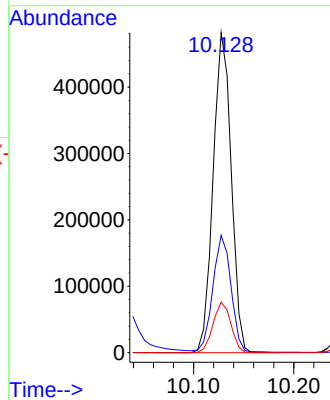
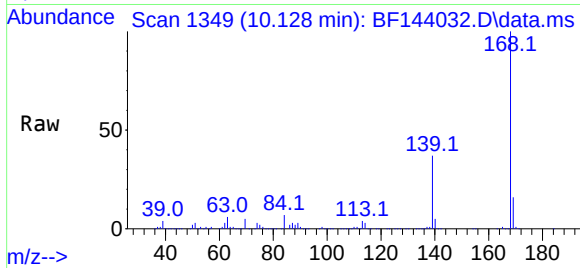
Tgt Ion:168 Resp: 603282

Ion Ratio Lower Upper

168 100

139 36.7 29.8 44.8

169 15.8 12.8 19.2



#56

4-Nitrophenol

Concen: 40.532 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

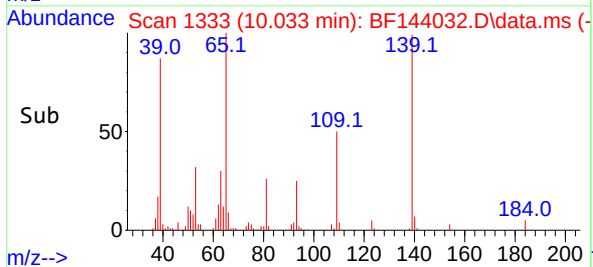
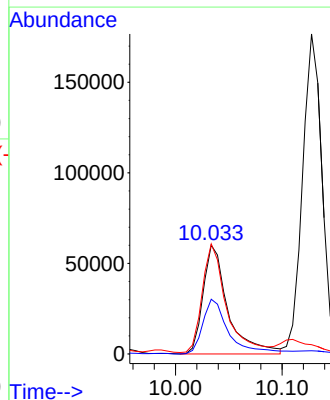
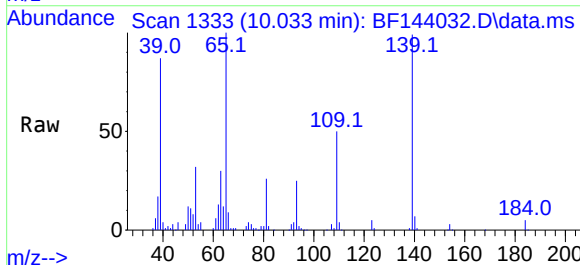
Tgt Ion:139 Resp: 97764

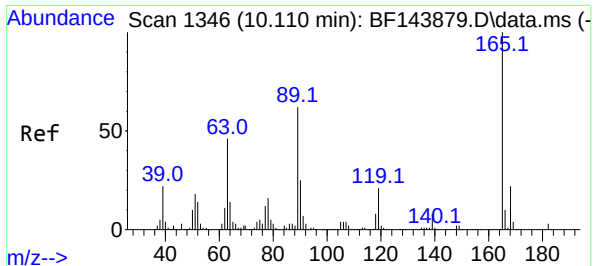
Ion Ratio Lower Upper

139 100

109 50.3 34.5 74.5

65 101.2 77.6 117.6

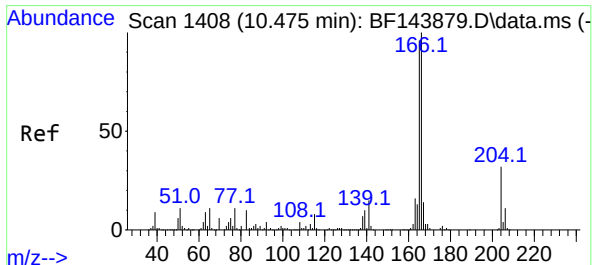
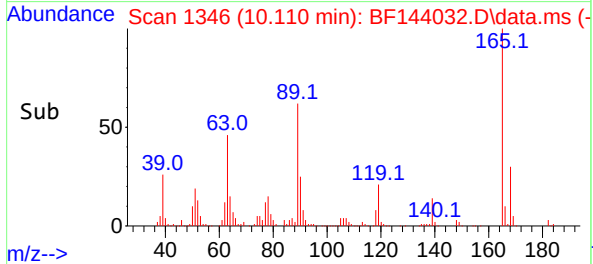
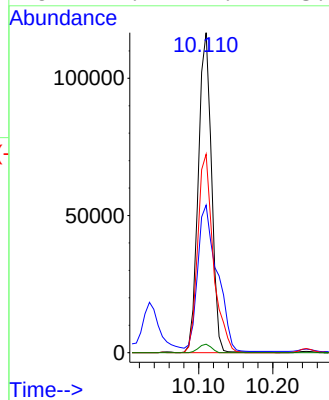
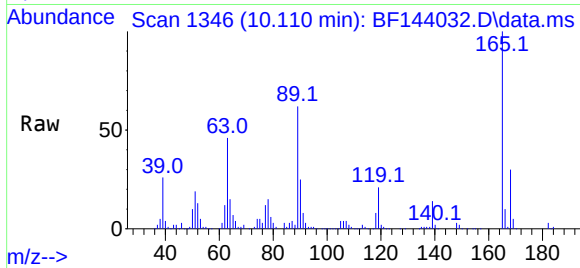




#57  
2,4-Dinitrotoluene  
Concen: 40.776 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

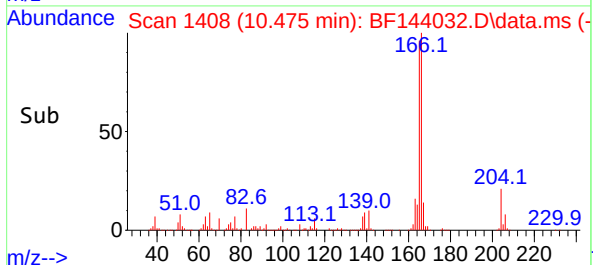
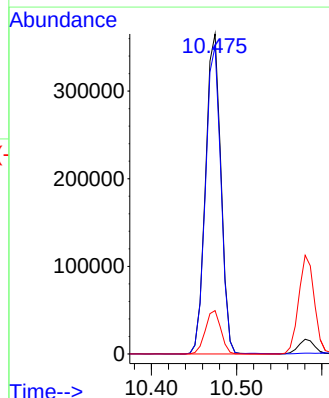
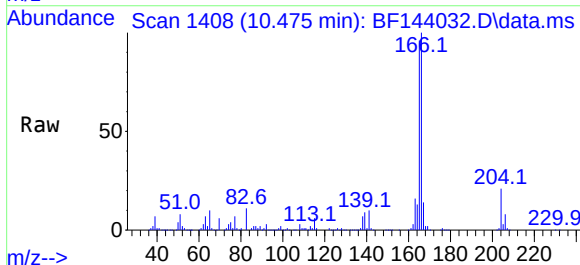
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

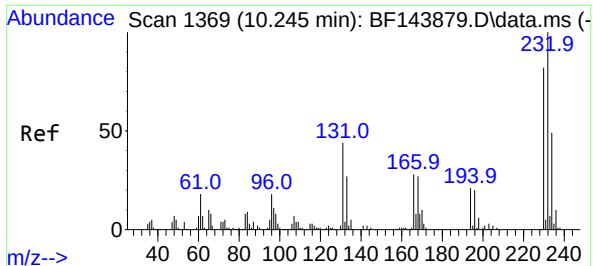
Tgt Ion:165 Resp: 144342  
Ion Ratio Lower Upper  
165 100  
63 46.1 37.2 55.8  
89 62.0 49.4 74.2  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 38.186 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:166 Resp: 456971  
Ion Ratio Lower Upper  
166 100  
165 96.2 77.0 115.6  
167 13.5 11.1 16.7

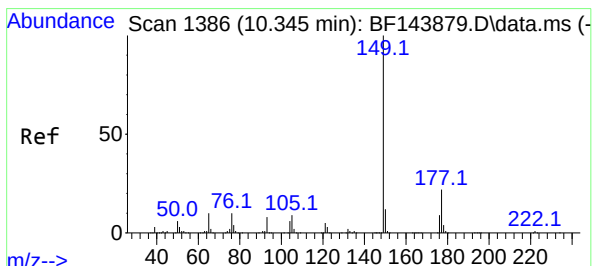
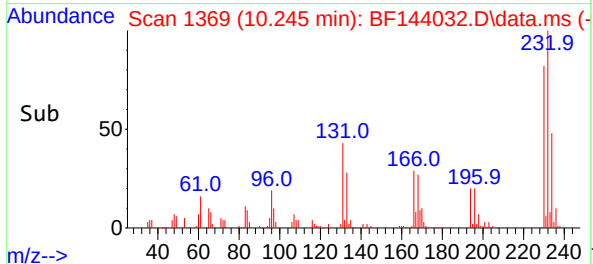
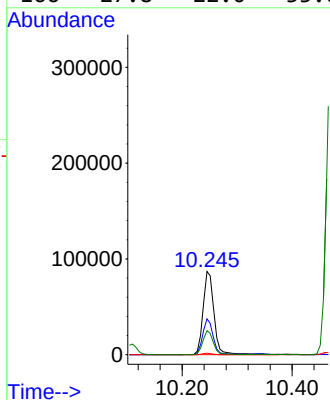
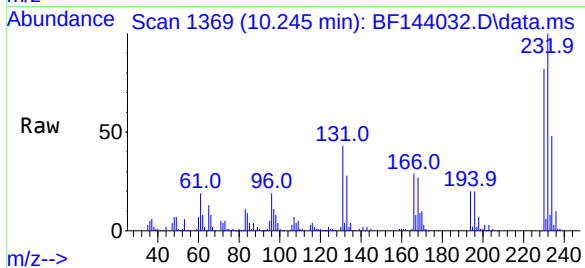




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.983 ng  
RT: 10.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

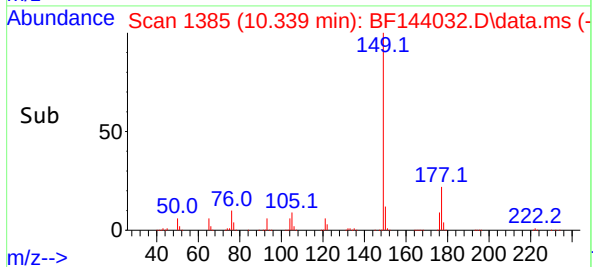
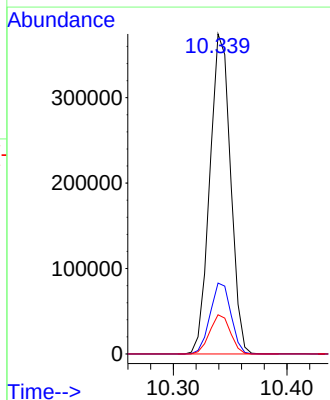
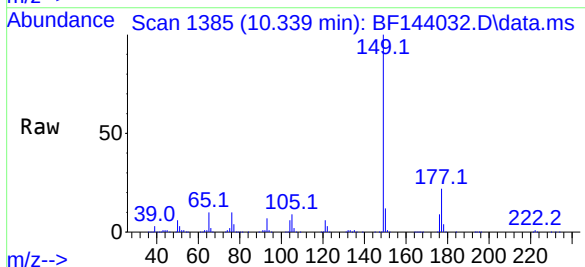
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 120098  
Ion Ratio Lower Upper  
232 100  
131 41.3 34.9 52.3  
130 1.5 1.6 2.4#  
166 27.8 22.0 33.0

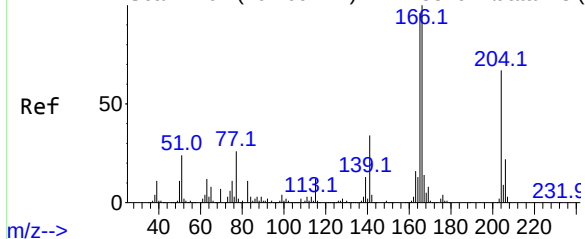


#60  
Diethylphthalate  
Concen: 36.475 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:149 Resp: 475428  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.9 26.9  
150 12.2 9.8 14.8



Abundance Scan 1407 (10.469 min): BF143879.D\data.ms (-

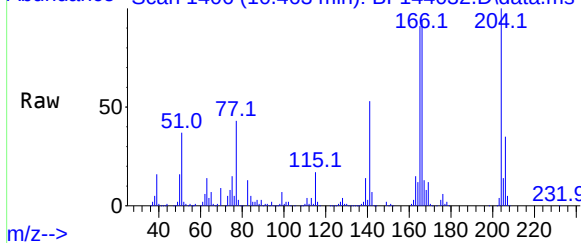


#61  
4-Chlorophenyl-phenylether  
Concen: 37.479 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

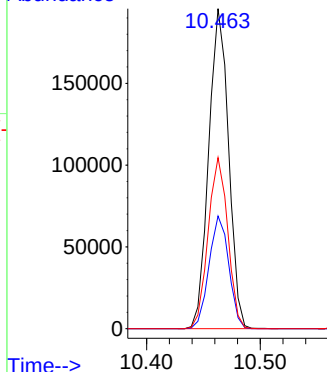
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 237125  
Ion Ratio Lower Upper  
204 100  
206 35.2 26.6 40.0  
141 53.4 40.4 60.6

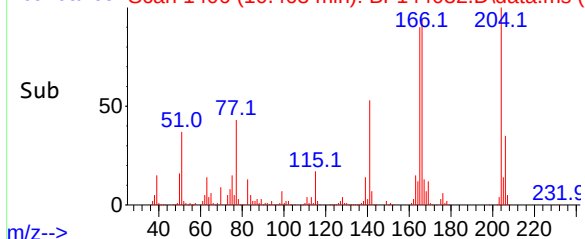
Abundance Scan 1406 (10.463 min): BF144032.D\data.ms (-



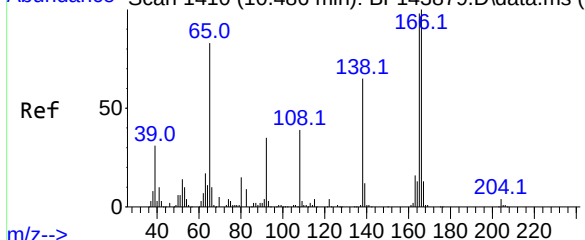
Abundance



Abundance Scan 1406 (10.463 min): BF144032.D\data.ms (-



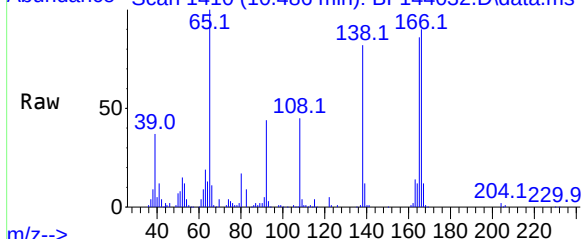
Abundance Scan 1410 (10.486 min): BF143879.D\data.ms (-



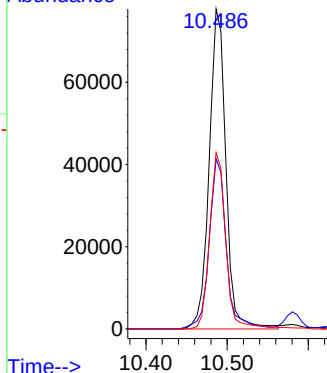
#62  
4-Nitroaniline  
Concen: 36.275 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:138 Resp: 111123  
Ion Ratio Lower Upper  
138 100  
92 53.2 33.9 73.9  
108 55.1 40.2 80.2

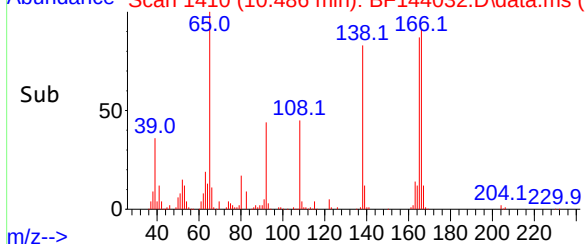
Abundance Scan 1410 (10.486 min): BF144032.D\data.ms (-

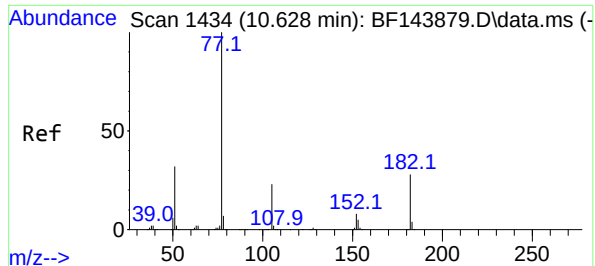


Abundance



Abundance Scan 1410 (10.486 min): BF144032.D\data.ms (-



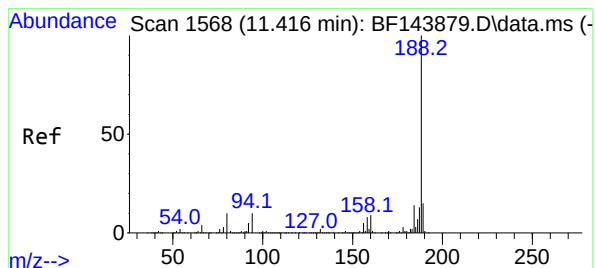
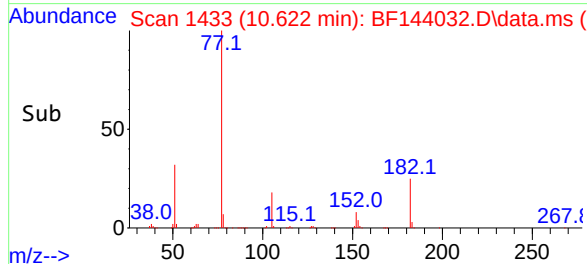
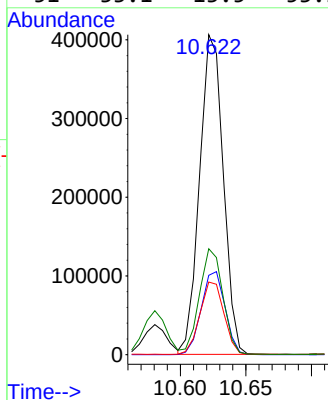
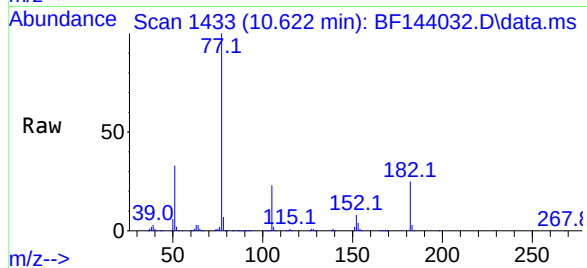


#63  
Azobenzene  
Concen: 37.526 ng  
RT: 10.622 min Scan# 1434  
Delta R.T. -0.012 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 511202

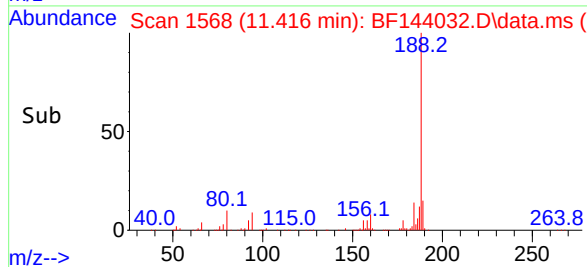
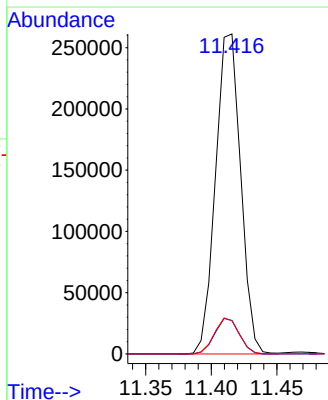
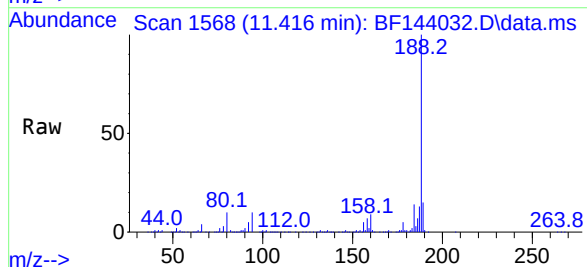
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.8  | 7.3   | 47.3  |
| 105 | 22.7  | 3.0   | 43.0  |
| 51  | 33.1  | 13.5  | 53.5  |

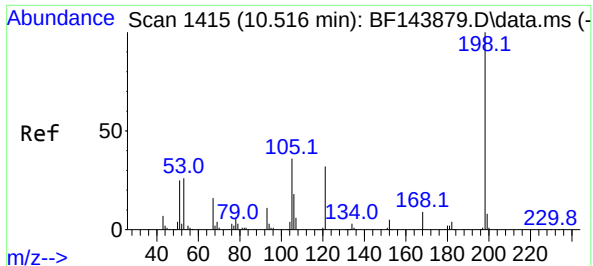


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion: 188 Resp: 348267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.5  | 7.8   | 11.6  |
| 80  | 10.4  | 7.9   | 11.9  |





#65

4,6-Dinitro-2-methylphenol

Concen: 41.812 ng

RT: 10.522 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

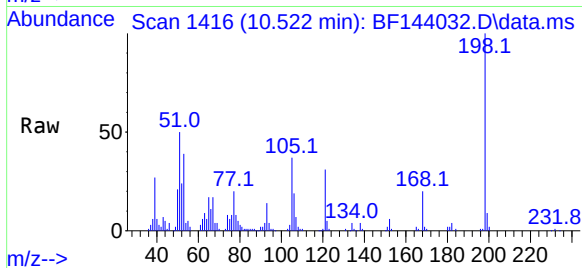
Tgt Ion:198 Resp: 73177

Ion Ratio Lower Upper

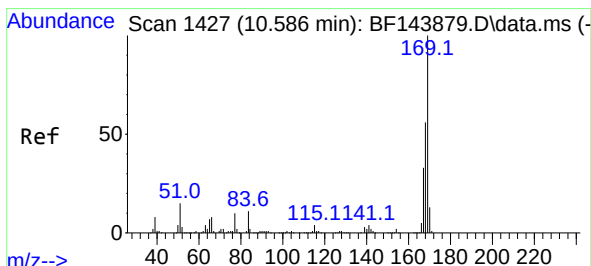
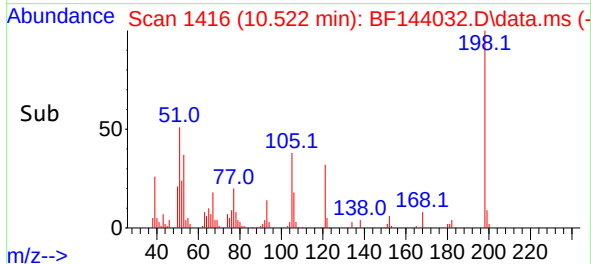
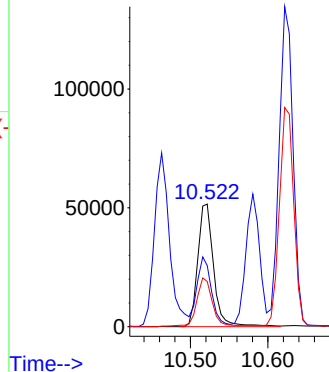
198 100

51 49.9 33.8 73.8

105 36.8 17.0 57.0



Abundance



#66

n-Nitrosodiphenylamine

Concen: 40.263 ng

RT: 10.580 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

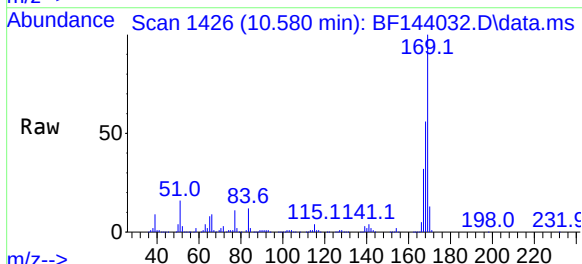
Tgt Ion:169 Resp: 440289

Ion Ratio Lower Upper

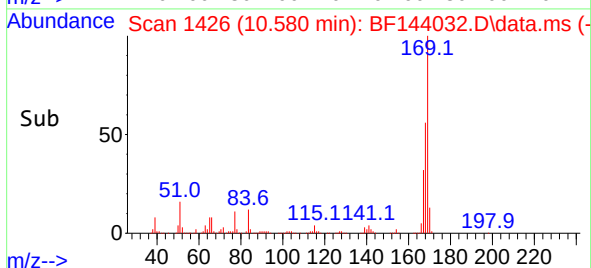
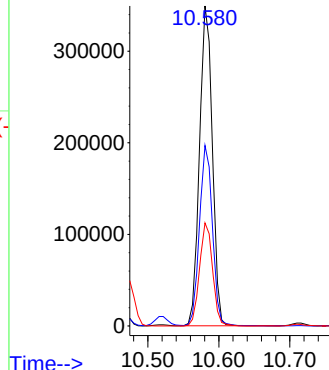
169 100

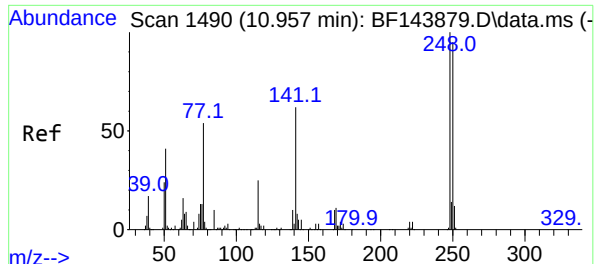
168 56.4 44.9 67.3

167 32.2 26.3 39.5



Abundance

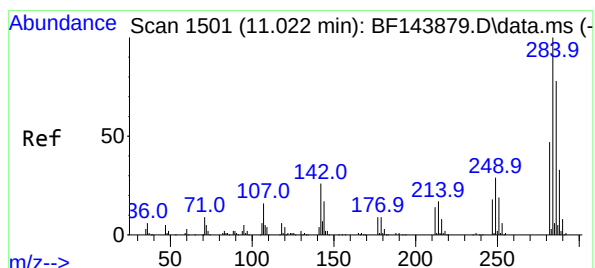
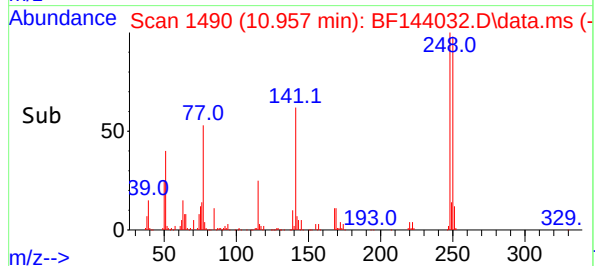
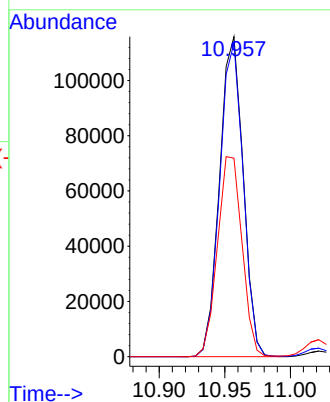
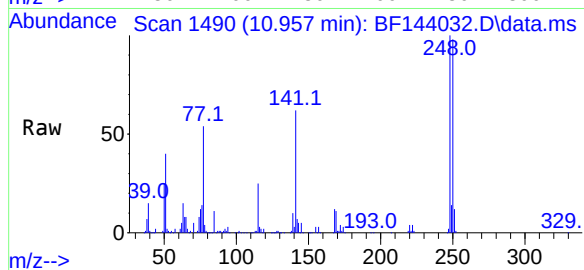




#67  
4-Bromophenyl-phenylether  
Concen: 37.679 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

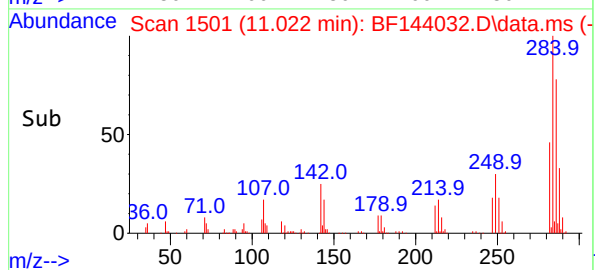
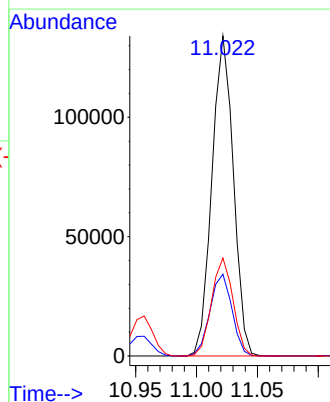
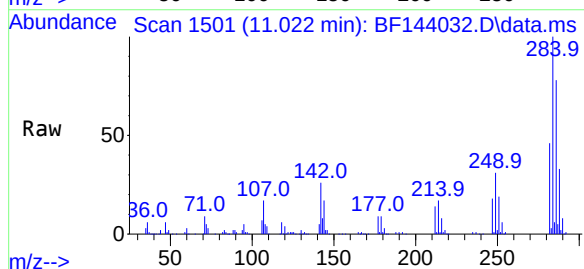
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

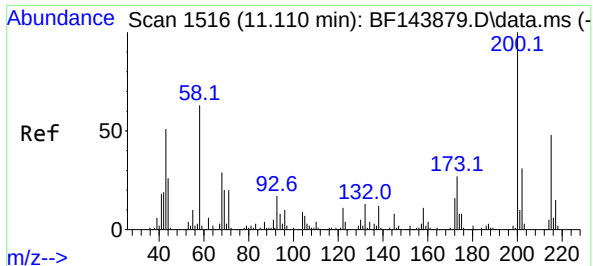
Tgt Ion:248 Resp: 145024  
Ion Ratio Lower Upper  
248 100  
250 98.1 76.3 114.5  
141 62.1 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 36.926 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:284 Resp: 164539  
Ion Ratio Lower Upper  
284 100  
142 25.6 20.6 30.8  
249 30.6 23.2 34.8





#69

Atrazine

Concen: 35.821 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

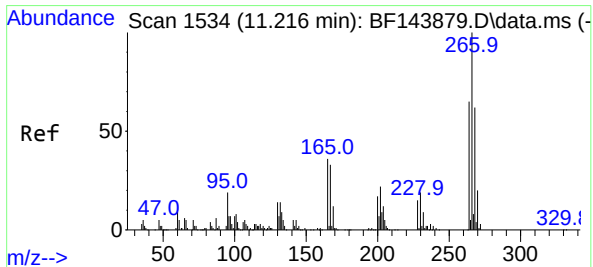
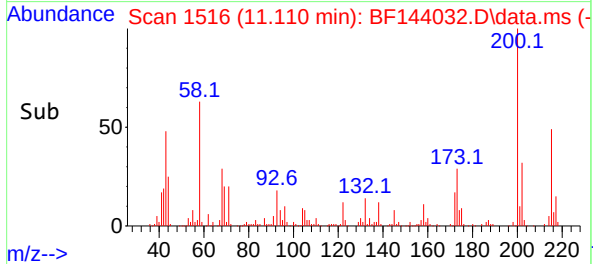
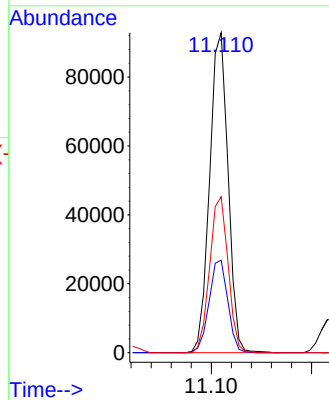
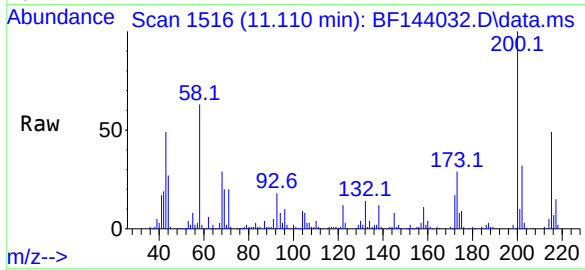
Tgt Ion:200 Resp: 118727

Ion Ratio Lower Upper

200 100

173 28.9 7.0 47.0

215 48.7 27.8 67.8



#70

Pentachlorophenol

Concen: 36.128 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

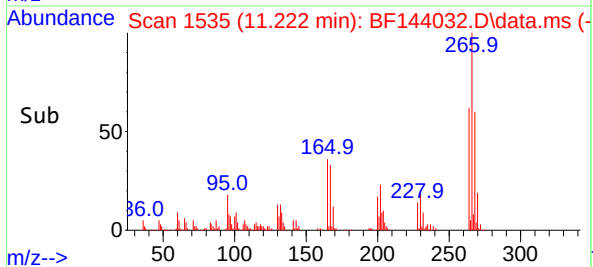
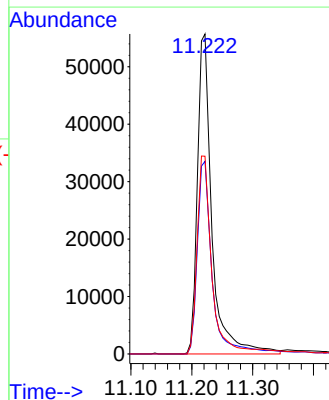
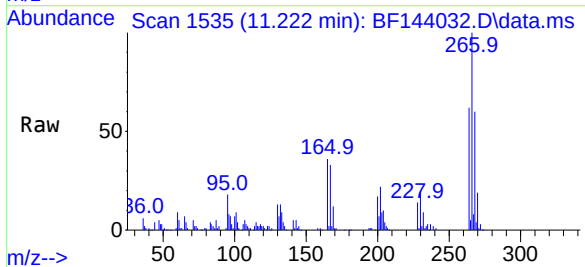
Tgt Ion:266 Resp: 92458

Ion Ratio Lower Upper

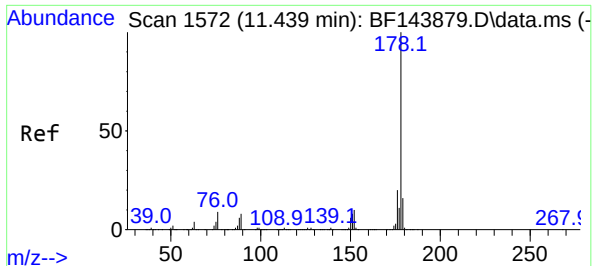
266 100

268 60.2 49.4 74.0

264 61.8 51.8 77.6



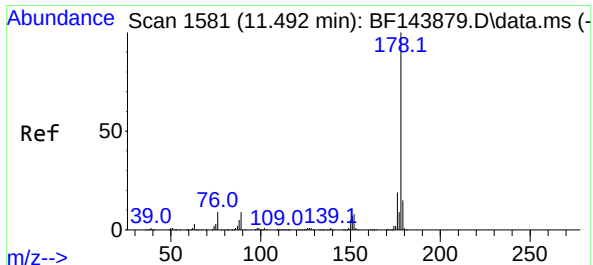
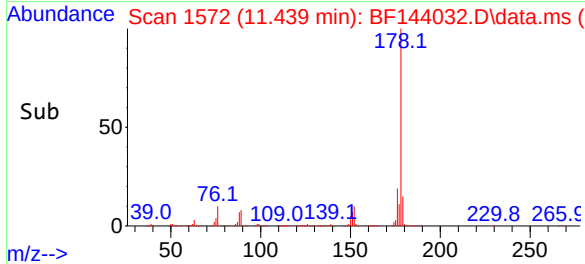
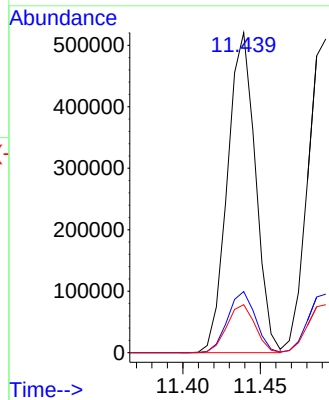
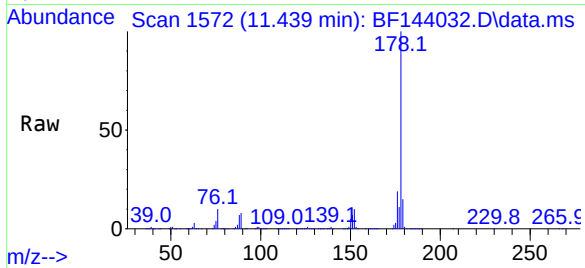




#71  
Phenanthrene  
Concen: 38.651 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

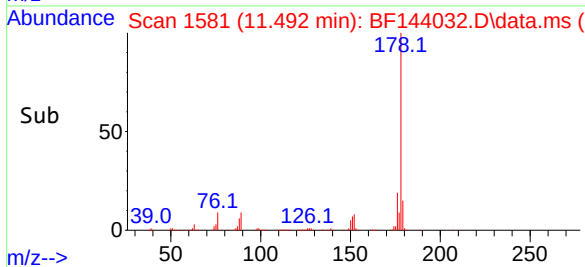
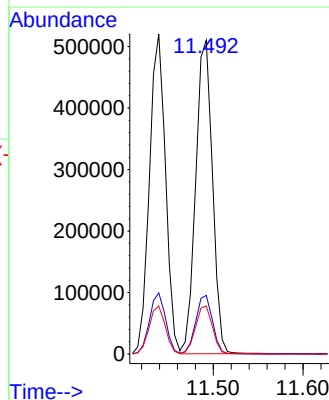
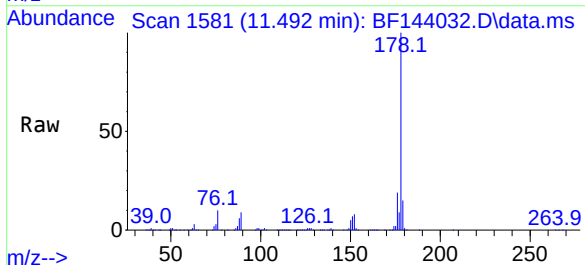
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

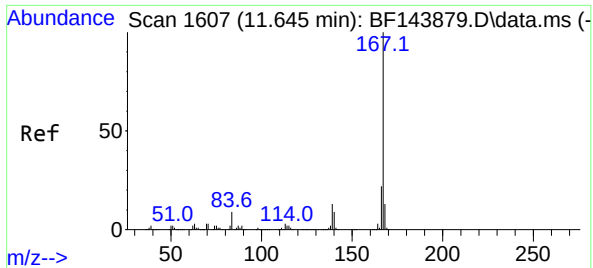
Tgt Ion:178 Resp: 652589  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.9 23.9  
179 15.0 12.4 18.6



#72  
Anthracene  
Concen: 38.807 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:178 Resp: 661923  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.3 12.2 18.2

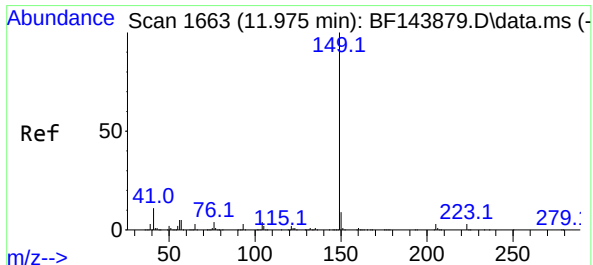
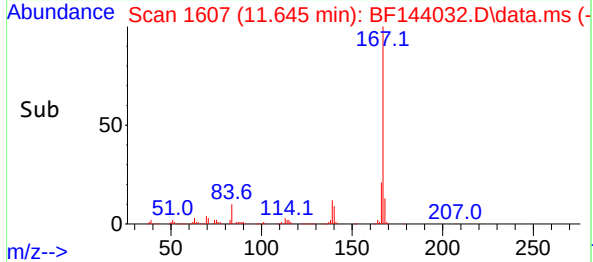
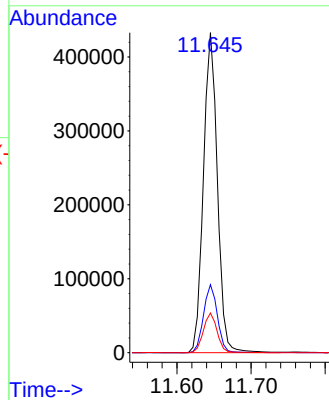
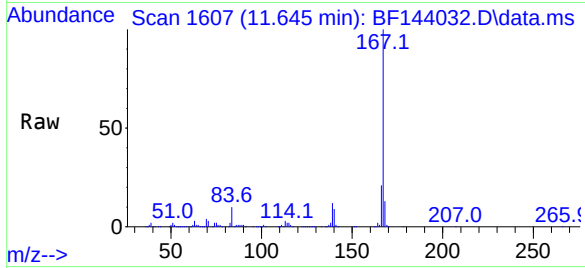




#73  
Carbazole  
Concen: 37.489 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

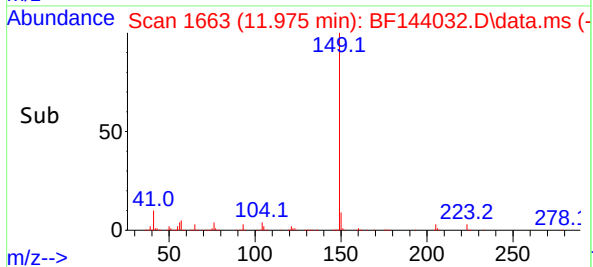
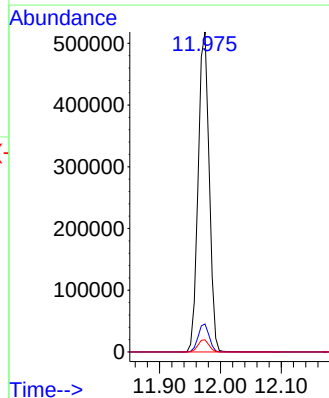
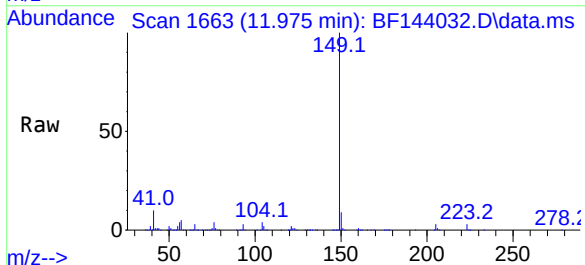
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

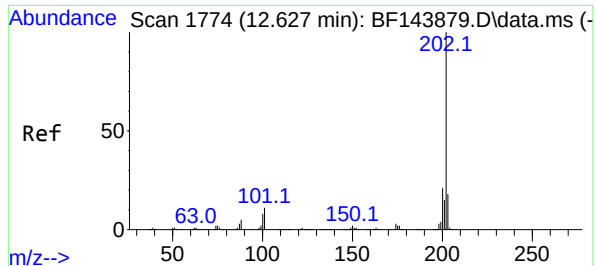
Tgt Ion:167 Resp: 566341  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.2 25.8  
139 12.4 10.1 15.1



#74  
Di-n-butylphthalate  
Concen: 37.085 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:149 Resp: 649289  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.4 11.2  
104 3.8 3.4 5.2

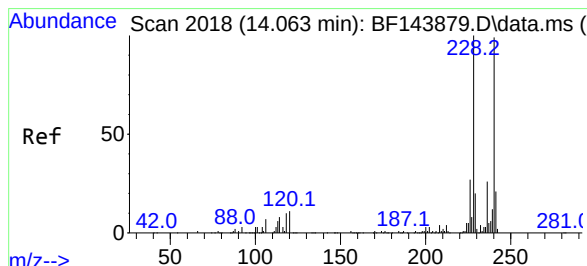
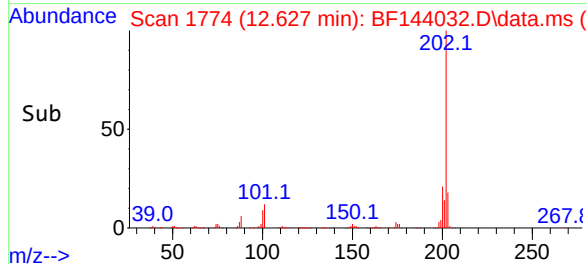
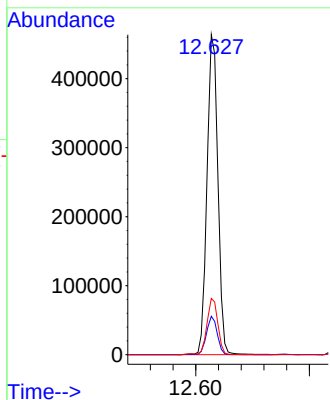
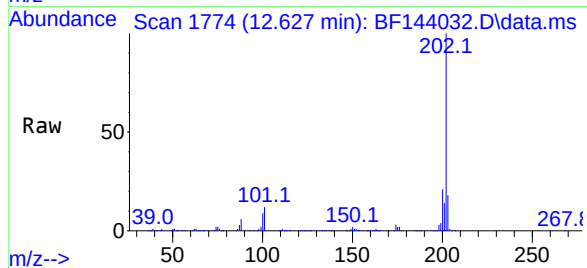




#75  
Fluoranthene  
Concen: 35.129 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

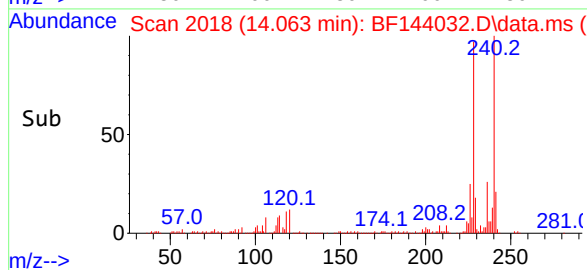
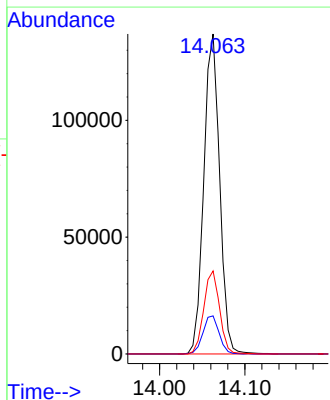
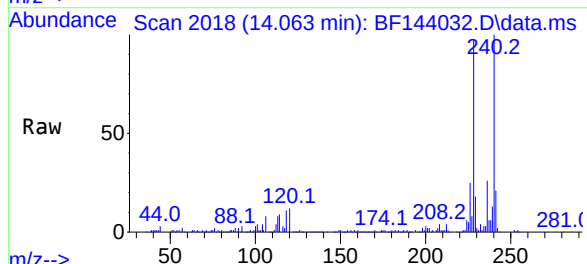
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

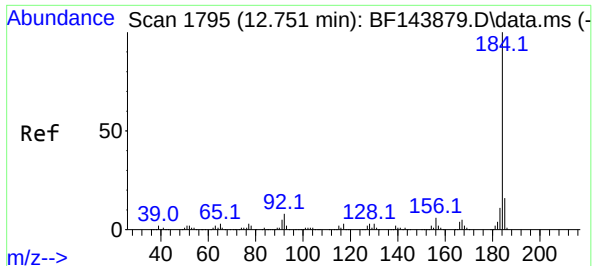
Tgt Ion:202 Resp: 612645  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 30.7  
203 17.6 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:240 Resp: 176671  
Ion Ratio Lower Upper  
240 100  
120 11.9 8.6 13.0  
236 25.9 21.1 31.7

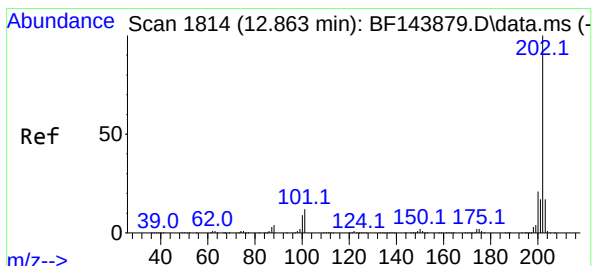
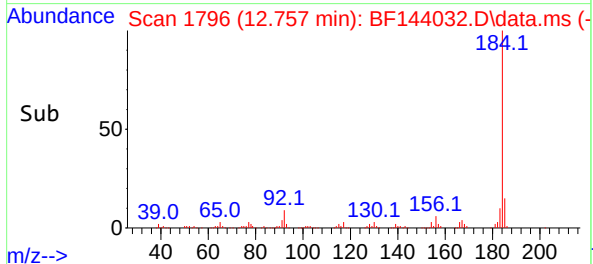
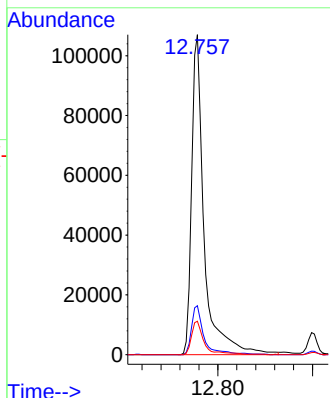
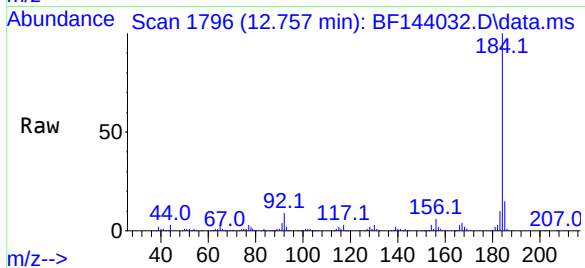




#77  
Benzidine  
Concen: 32.073 ng  
RT: 12.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

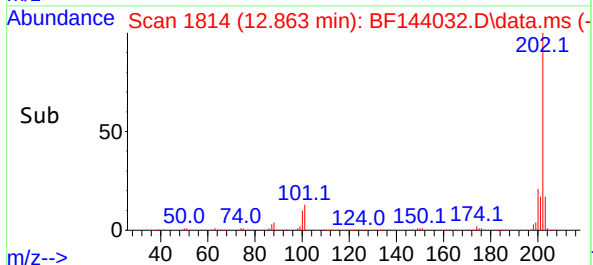
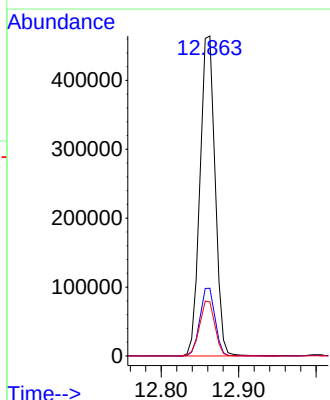
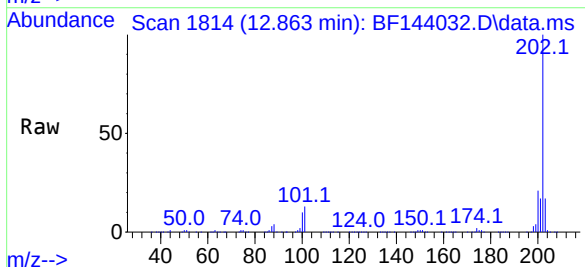
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

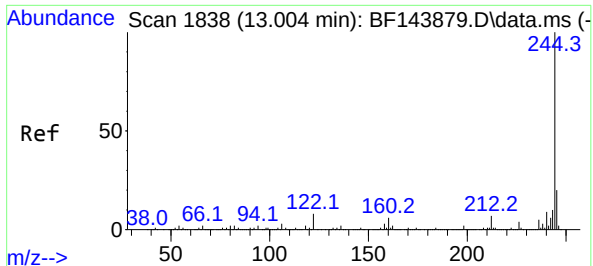
Tgt Ion:184 Resp: 196752  
Ion Ratio Lower Upper  
184 100  
185 15.3 12.6 18.8  
183 10.5 8.8 13.2



#78  
Pyrene  
Concen: 42.849 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:202 Resp: 631120  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 16.9 13.8 20.6





#79

Terphenyl-d14

Concen: 84.202 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

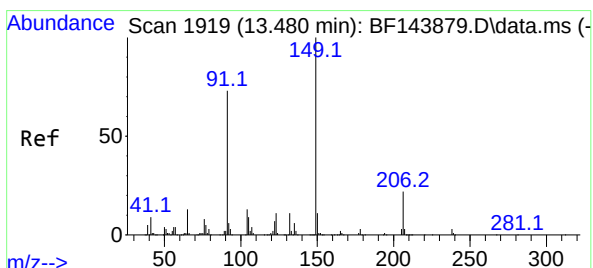
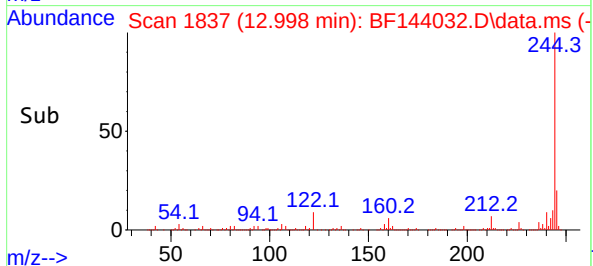
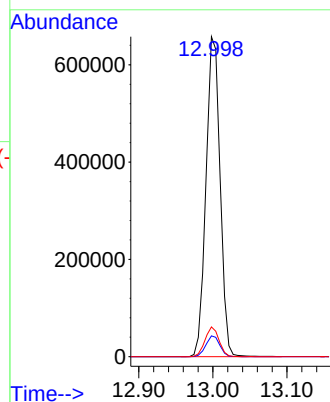
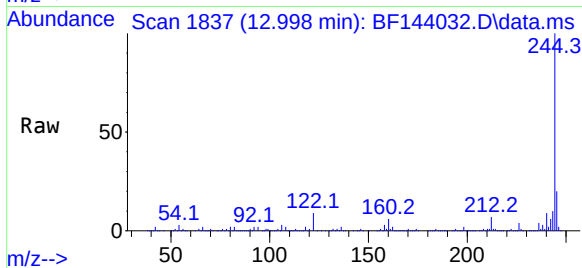
Tgt Ion:244 Resp: 870415

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.3 6.4 9.6



#80

Butylbenzylphthalate

Concen: 40.760 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

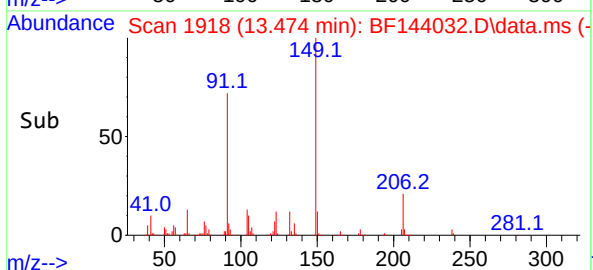
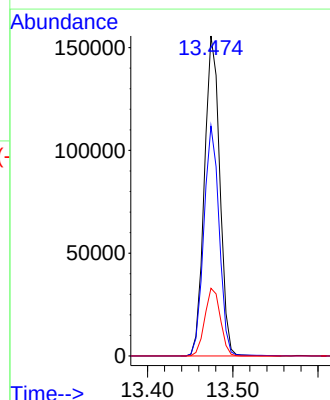
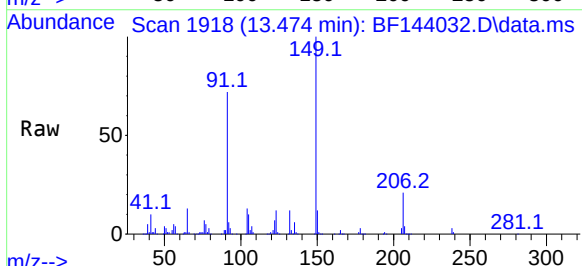
Tgt Ion:149 Resp: 194973

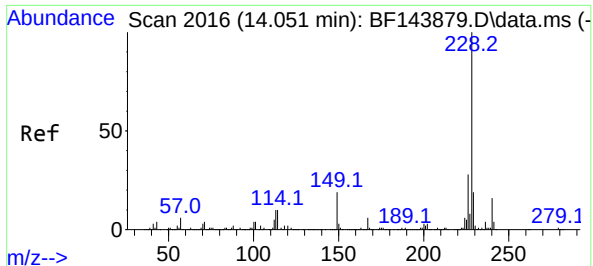
Ion Ratio Lower Upper

149 100

91 71.9 58.2 87.2

206 21.2 17.9 26.9

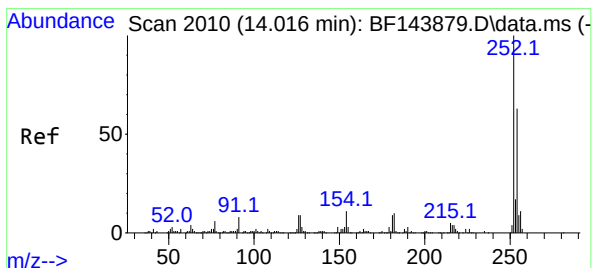
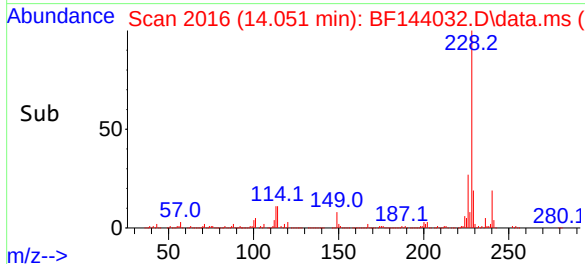
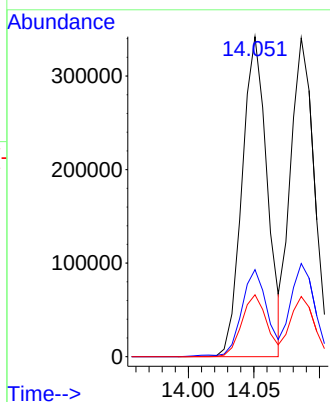
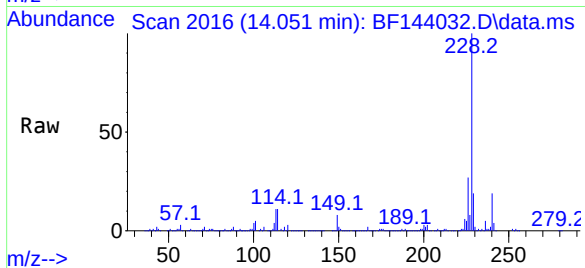




#81  
Benzo(a)anthracene  
Concen: 39.389 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

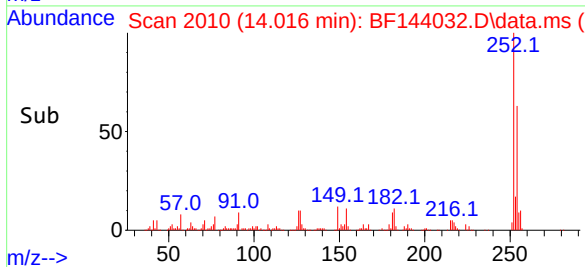
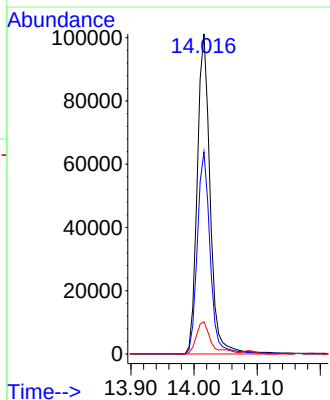
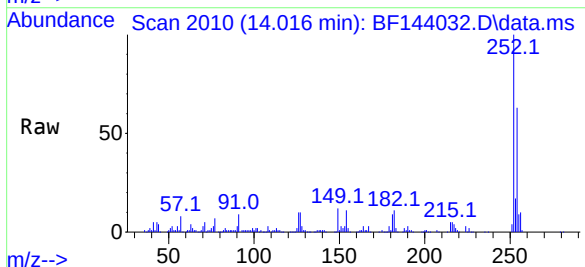
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

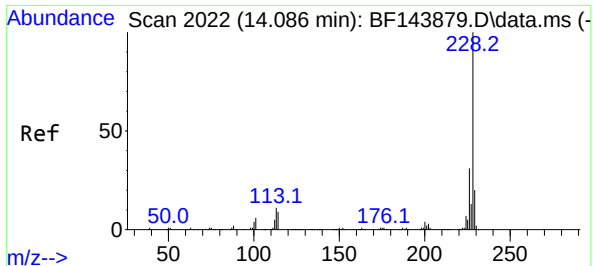
Tgt Ion:228 Resp: 455394  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.2 33.2  
229 19.4 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 40.664 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:252 Resp: 143273  
Ion Ratio Lower Upper  
252 100  
254 63.1 50.6 76.0  
126 10.0 7.0 10.6

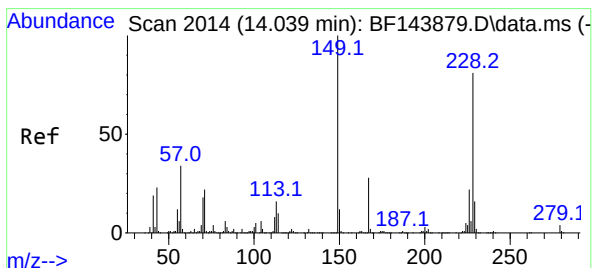
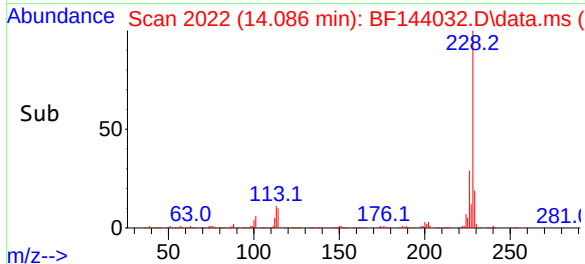
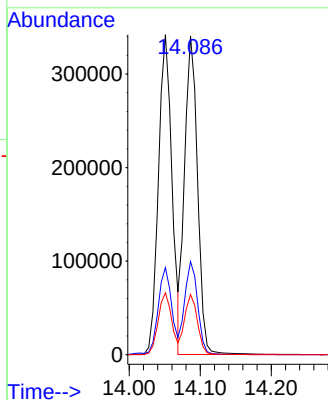
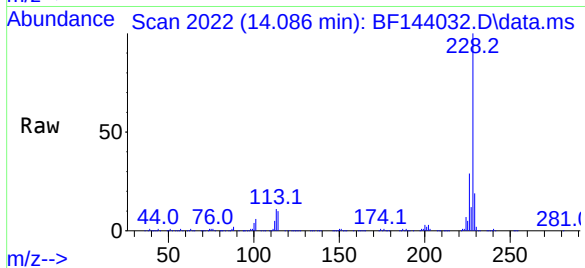




#83  
Chrysene  
Concen: 40.255 ng  
RT: 14.086 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

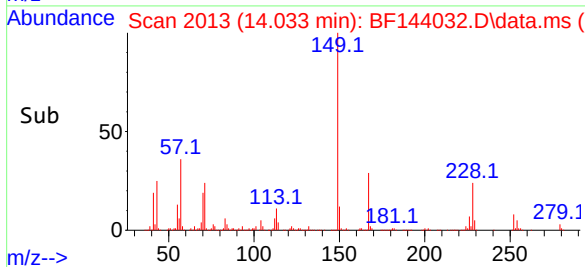
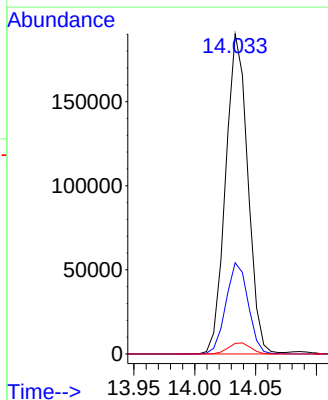
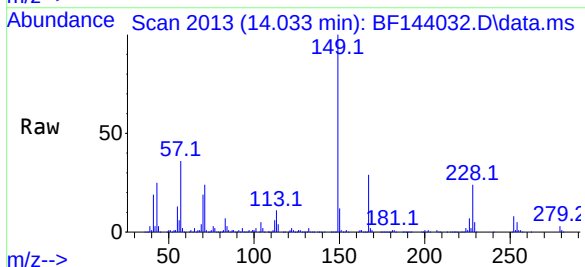
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

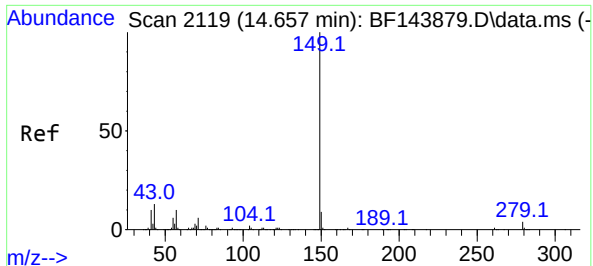
Tgt Ion:228 Resp: 430745  
Ion Ratio Lower Upper  
228 100  
226 29.2 24.4 36.6  
229 18.8 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.810 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:149 Resp: 241084  
Ion Ratio Lower Upper  
149 100  
167 28.5 22.2 33.4  
279 3.3 3.1 4.7

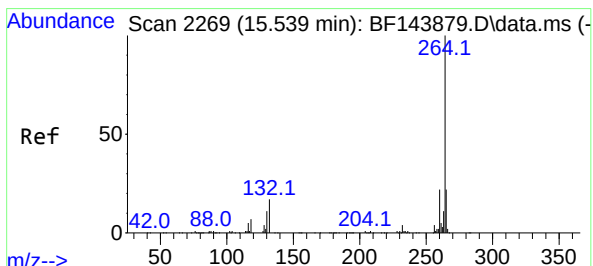
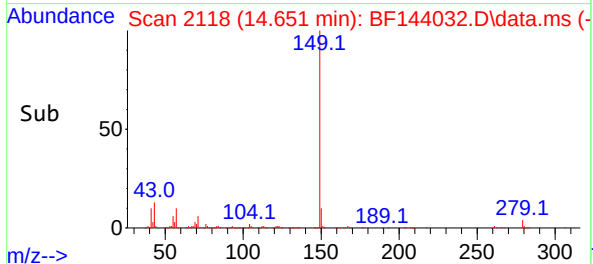
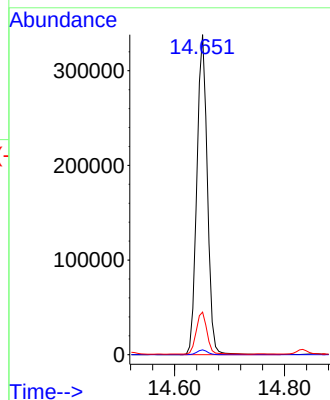
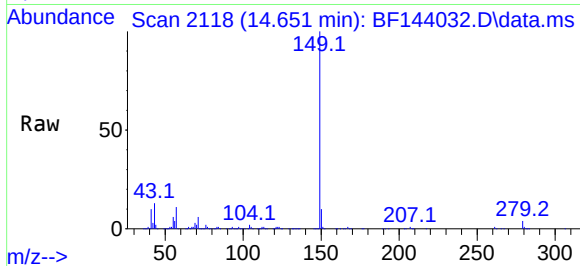




#85  
Di-n-octyl phthalate  
Concen: 47.203 ng  
RT: 14.651 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

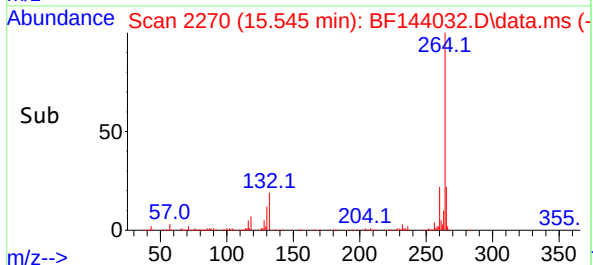
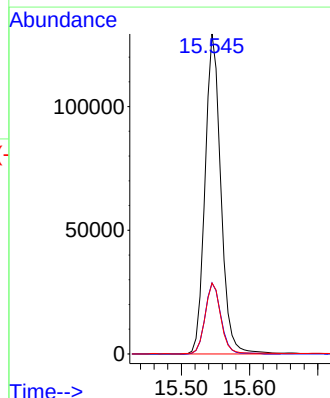
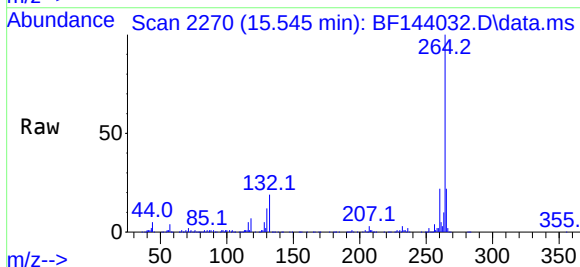
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 447041  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 13.5 11.0 16.4



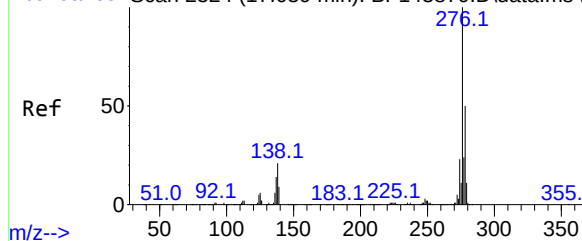
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144032.D  
Acq: 22 Oct 2025 10:25

Tgt Ion:264 Resp: 208587  
Ion Ratio Lower Upper  
264 100  
260 22.2 17.8 26.8  
265 22.2 17.5 26.3





Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.654 ng

RT: 17.057 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 609064

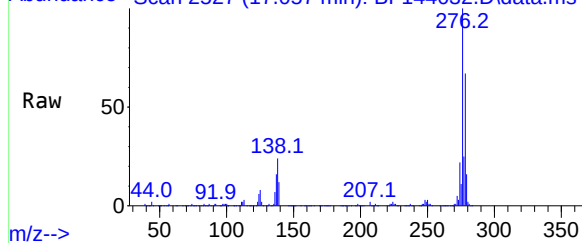
Ion Ratio Lower Upper

276 100

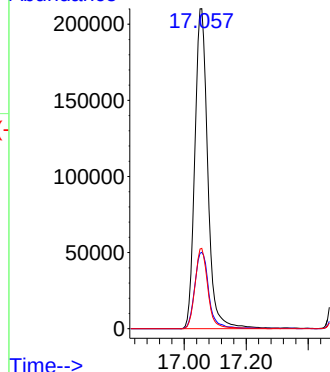
138 25.8 18.2 27.2

277 24.8 19.8 29.6

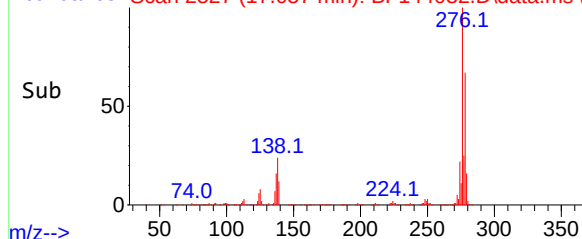
Abundance Scan 2527 (17.057 min): BF144032.D\data.ms



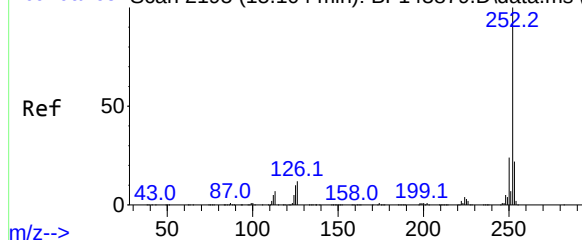
Abundance



Abundance Scan 2527 (17.057 min): BF144032.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 34.144 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:252 Resp: 409111

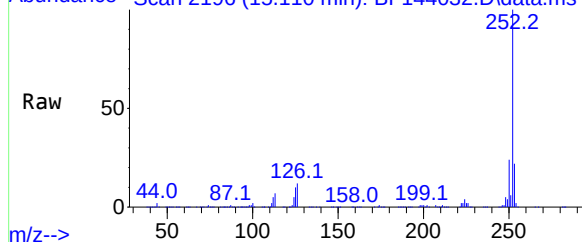
Ion Ratio Lower Upper

252 100

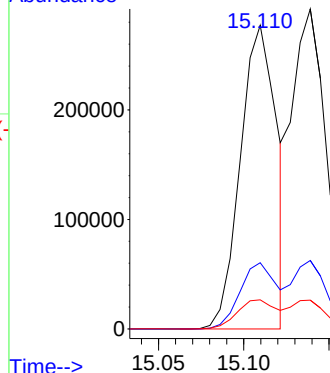
253 21.8 17.4 26.2

125 9.6 7.8 11.6

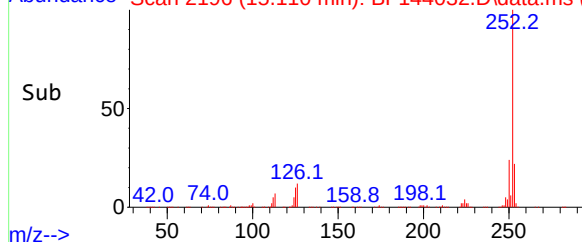
Abundance Scan 2196 (15.110 min): BF144032.D\data.ms

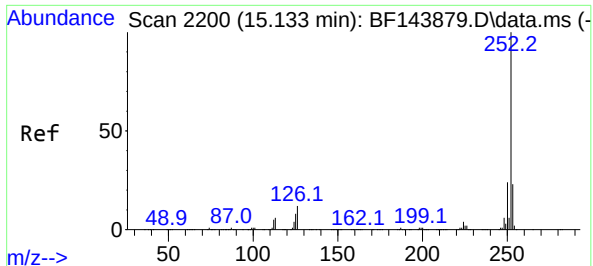


Abundance



Abundance Scan 2196 (15.110 min): BF144032.D\data.ms (-





#89

Benzo(k)fluoranthene

Concen: 37.571 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

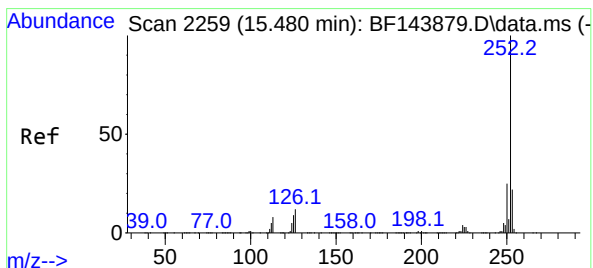
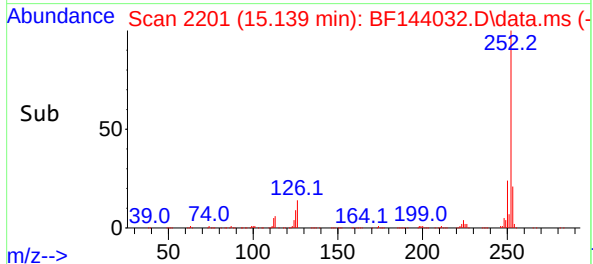
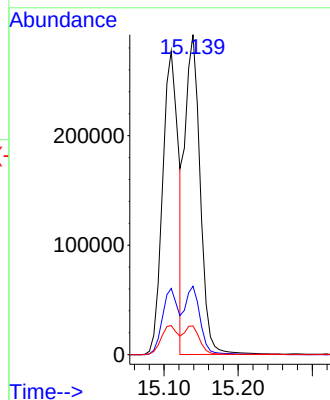
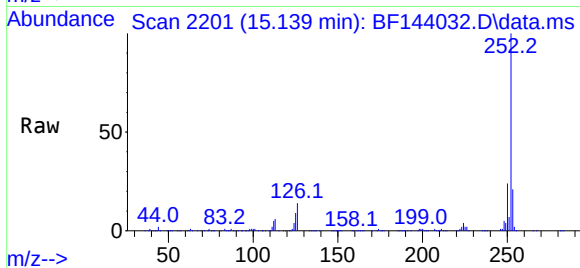
Tgt Ion:252 Resp: 416554

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.171 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

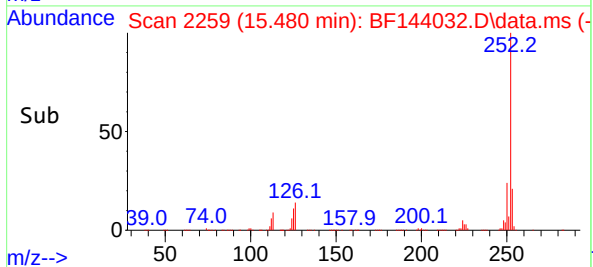
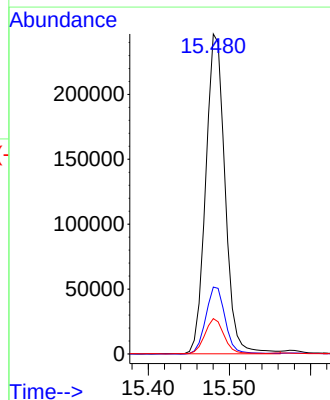
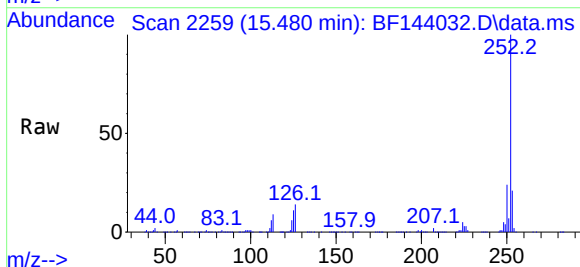
Tgt Ion:252 Resp: 406966

Ion Ratio Lower Upper

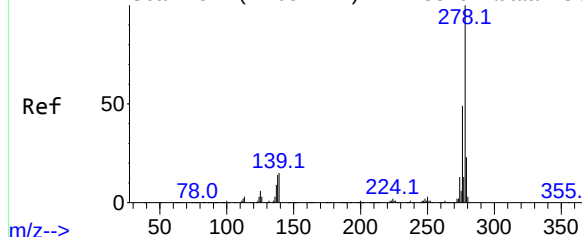
252 100

253 20.9 17.3 25.9

125 11.1 7.0 10.4#



Abundance Scan 2527 (17.057 min): BF143879.D\data.ms (-



#91

Dibenzo(a,h)anthracene

Concen: 47.870 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 492066

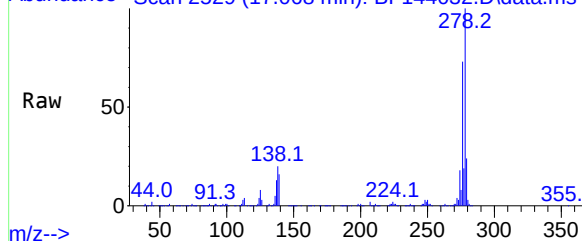
Ion Ratio Lower Upper

278 100

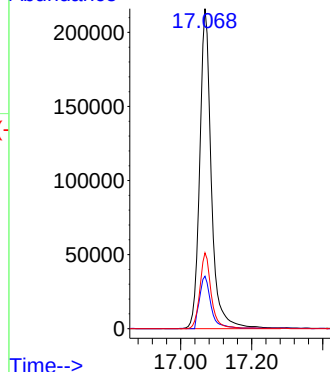
139 16.4 11.7 17.5

279 23.7 18.4 27.6

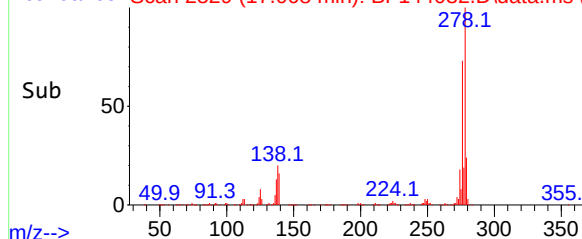
Abundance Scan 2529 (17.068 min): BF144032.D\data.ms



Abundance



Abundance Scan 2529 (17.068 min): BF144032.D\data.ms (-



#92

Benzo(g,h,i)perylene

Concen: 48.426 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:276 Resp: 497793

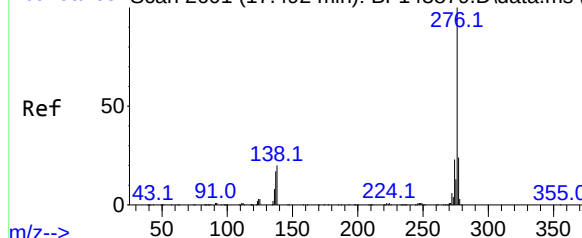
Ion Ratio Lower Upper

276 100

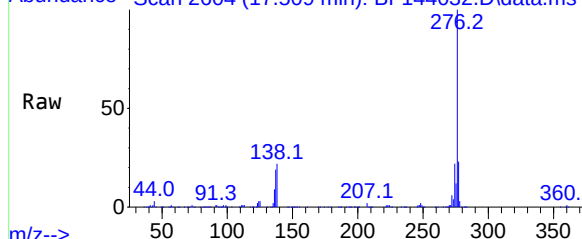
277 23.2 19.0 28.6

138 22.5 16.1 24.1

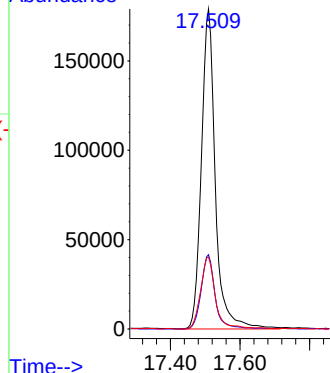
Abundance Scan 2601 (17.492 min): BF143879.D\data.ms (-



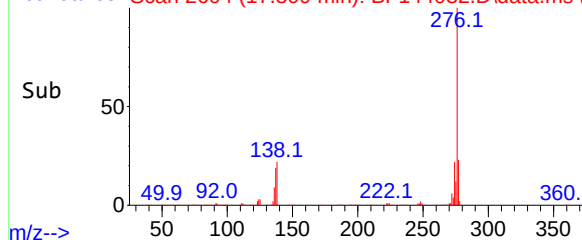
Abundance Scan 2604 (17.509 min): BF144032.D\data.ms



Abundance



Abundance Scan 2604 (17.509 min): BF144032.D\data.ms (-



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144032.D  
 Acq On : 22 Oct 2025 10:25  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 91    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.583 | 0.579 | 0.7   | 87    | -0.01    |
| 3    | Pyridine                    | 1.697 | 1.645 | 3.1   | 84    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 0.893 | 0.819 | 8.3   | 82    | -0.04    |
| 5 S  | 2-Fluorophenol              | 1.259 | 1.263 | -0.3  | 88    | 0.00     |
| 6    | Aniline                     | 2.250 | 2.136 | 5.1   | 83    | 0.00     |
| 7 S  | Phenol-d6                   | 1.501 | 1.459 | 2.8   | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 1.231 | 1.205 | 2.1   | 85    | 0.00     |
| 9    | Benzaldehyde                | 1.158 | 1.176 | -1.6  | 81    | 0.00     |
| 10 C | Phenol                      | 1.795 | 1.838 | -2.4  | 91    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 1.386 | 1.342 | 3.2   | 84    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.474 | 1.404 | 4.7   | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.454 | 1.419 | 2.4   | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.392 | 1.368 | 1.7   | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 1.125 | 1.073 | 4.6   | 83    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.156 | 3.068 | 2.8   | 86    | 0.00     |
| 17   | 2-Methylphenol              | 1.017 | 0.970 | 4.6   | 84    | 0.00     |
| 18   | Hexachloroethane            | 0.485 | 0.469 | 3.3   | 85    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.028 | 0.930 | 9.5   | 83    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.179 | 1.144 | 3.0   | 82    | -0.01    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 89    | 0.00     |
| 22   | Acetophenone                | 0.423 | 0.389 | 8.0   | 80    | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.329 | 0.331 | -0.6  | 86    | -0.01    |
| 24   | Nitrobenzene                | 0.366 | 0.366 | 0.0   | 84    | -0.01    |
| 25   | Isophorone                  | 0.694 | 0.630 | 9.2   | 80    | -0.02    |
| 26 C | 2-Nitrophenol               | 0.157 | 0.173 | -10.2 | 89    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.273 | 3.2   | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.438 | 0.417 | 4.8   | 84    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.294 | 0.284 | 3.4   | 82    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.289 | 0.275 | 4.8   | 82    | 0.00     |
| 31   | Naphthalene                 | 0.910 | 0.867 | 4.7   | 83    | 0.00     |
| 32   | Benzoic acid                | 0.195 | 0.163 | 16.4  | 73    | -0.04    |
| 33   | 4-Chloroaniline             | 0.341 | 0.317 | 7.0   | 80    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.201 | 0.185 | 8.0   | 80    | 0.00     |
| 35   | Caprolactam                 | 0.093 | 0.078 | 16.1  | 73    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 0.282 | 0.258 | 8.5   | 80    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.606 | 0.564 | 6.9   | 82    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.588 | 0.541 | 8.0   | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 85    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.553 | 0.552 | 0.2   | 80    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.229 | 0.198 | 13.5  | 65    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.199 | 0.170 | 14.6  | 70    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.404 | 0.385 | 4.7   | 73    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.427 | 0.416 | 2.6   | 78    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.260 | 1.173 | 6.9   | 81    | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.324 | 1.285 | 2.9   | 79    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.104 | 1.102 | 0.2   | 82    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144032.D  
 Acq On : 22 Oct 2025 10:25  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|----------------------------|-------|-------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 0.349 | 0.359 | -2.9   | 78    | 0.00     |
| 49   | Acenaphthylene             | 1.552 | 1.488 | 4.1    | 78    | 0.00     |
| 50   | Dimethylphthalate          | 1.270 | 1.174 | 7.6    | 77    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.236 | 0.245 | -3.8   | 80    | -0.01    |
| 52 C | Acenaphthene               | 1.017 | 0.988 | 2.9    | 80    | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.288 | 0.0    | 80    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.118 | 0.150 | -27.1# | 107   | 0.00     |
| 55   | Dibenzofuran               | 1.436 | 1.365 | 4.9    | 78    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.218 | 0.221 | -1.4   | 80    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.320 | 0.327 | -2.2   | 76    | 0.00     |
| 58   | Fluorene                   | 1.083 | 1.034 | 4.5    | 80    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.272 | 9.9    | 71    | 0.00     |
| 60   | Diethylphthalate           | 1.180 | 1.076 | 8.8    | 75    | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 0.573 | 0.537 | 6.3    | 76    | 0.00     |
| 62   | 4-Nitroaniline             | 0.277 | 0.251 | 9.4    | 73    | -0.02    |
| 63   | Azobenzene                 | 1.233 | 1.157 | 6.2    | 77    | -0.01    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 78    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.101 | 0.105 | -4.0   | 74    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 0.628 | 0.632 | -0.6   | 75    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.221 | 0.208 | 5.9    | 71    | 0.00     |
| 68   | Hexachlorobenzene          | 0.256 | 0.236 | 7.8    | 69    | 0.00     |
| 69   | Atrazine                   | 0.190 | 0.170 | 10.5   | 69    | -0.01    |
| 70 C | Pentachlorophenol          | 0.147 | 0.133 | 9.5    | 66    | 0.00     |
| 71   | Phenanthrene               | 0.970 | 0.937 | 3.4    | 75    | 0.00     |
| 72   | Anthracene                 | 0.980 | 0.950 | 3.1    | 73    | 0.00     |
| 73   | Carbazole                  | 0.868 | 0.813 | 6.3    | 72    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.005 | 0.932 | 7.3    | 69    | 0.00     |
| 75 C | Fluoranthene               | 1.002 | 0.880 | 12.2   | 67    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 69    | 0.00     |
| 77   | Benzidine                  | 0.694 | 0.557 | 19.7   | 51    | 0.00     |
| 78   | Pyrene                     | 1.667 | 1.786 | -7.1   | 67    | 0.00     |
| 79 S | Terphenyl-d14              | 1.170 | 1.232 | -5.3   | 67    | -0.01    |
| 80   | Butylbenzylphthalate       | 0.542 | 0.552 | -1.8   | 62    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.309 | 1.289 | 1.5    | 64    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.399 | 0.405 | -1.5   | 64    | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.219 | -0.7   | 65    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.653 | 0.682 | -4.4   | 64    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.072 | 1.265 | -18.0  | 74    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.225 | 1.460 | -19.2  | 87    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.149 | 0.981 | 14.6   | 64    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.063 | 0.999 | 6.0    | 75    | 0.00     |
| 90 C | Benzo(a)pyrene             | 0.996 | 0.976 | 2.0    | 74    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 0.986 | 1.180 | -19.7  | 87    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 0.986 | 1.193 | -21.0  | 89    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144032.D  
Acq On : 22 Oct 2025 10:25  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144032.D  
 Acq On : 22 Oct 2025 10:25  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.771 | 0.6   | 87    | -0.01    |
| 3    | Pyridine                    | 40.000 | 38.793 | 3.0   | 84    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.698 | 8.3   | 82    | -0.04    |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.225 | -0.3  | 88    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.979 | 5.1   | 83    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.752 | 2.8   | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.162 | 2.1   | 85    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.630 | -1.6  | 81    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.961 | -2.4  | 91    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.721 | 3.2   | 84    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.108 | 4.7   | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.051 | 2.4   | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.302 | 1.7   | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.164 | 4.6   | 83    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.888 | 2.8   | 86    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.143 | 4.6   | 84    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.681 | 3.3   | 85    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.214 | 9.5   | 83    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 38.820 | 2.9   | 82    | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 89    | 0.00     |
| 22   | Acetophenone                | 40.000 | 36.806 | 8.0   | 80    | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.513 | -0.6  | 86    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 40.091 | -0.2  | 84    | -0.01    |
| 25   | Isophorone                  | 40.000 | 36.283 | 9.3   | 80    | -0.02    |
| 26 C | 2-Nitrophenol               | 40.000 | 44.102 | -10.3 | 89    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.775 | 3.1   | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.064 | 4.8   | 84    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.622 | 3.4   | 82    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.111 | 4.7   | 82    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.125 | 4.7   | 83    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 33.454 | 16.4  | 73    | -0.04    |
| 33   | 4-Chloroaniline             | 40.000 | 37.121 | 7.2   | 80    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.820 | 7.9   | 80    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 33.592 | 16.0  | 73    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.599 | 8.5   | 80    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.215 | 7.0   | 82    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.835 | 7.9   | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.935 | 0.2   | 80    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 34.519 | 13.7  | 65    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 68.447 | 14.4  | 70    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.088 | 4.8   | 73    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.983 | 2.5   | 78    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.454 | 6.9   | 81    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.813 | 3.0   | 79    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.918 | 0.2   | 82    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144032.D  
 Acq On : 22 Oct 2025 10:25  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.110 | -2.8  | 78    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.355 | 4.1   | 78    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 36.978 | 7.6   | 77    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.669 | -4.2  | 80    | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 38.850 | 2.9   | 80    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.926 | 0.2   | 80    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 44.671 | -11.7 | 107   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.039 | 4.9   | 78    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.532 | -1.3  | 80    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.776 | -1.9  | 76    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.186 | 4.5   | 80    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 35.983 | 10.0  | 71    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 36.475 | 8.8   | 75    | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.479 | 6.3   | 76    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 36.275 | 9.3   | 73    | -0.02    |
| 63   | Azobenzene                 | 40.000 | 37.526 | 6.2   | 77    | -0.01    |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 78    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.812 | -4.5  | 74    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.263 | -0.7  | 75    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 37.679 | 5.8   | 71    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.926 | 7.7   | 69    | 0.00     |
| 69   | Atrazine                   | 40.000 | 35.821 | 10.4  | 69    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 36.128 | 9.7   | 66    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.651 | 3.4   | 75    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.807 | 3.0   | 73    | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.489 | 6.3   | 72    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.085 | 7.3   | 69    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 35.129 | 12.2  | 67    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 69    | 0.00     |
| 77   | Benzydine                  | 40.000 | 32.073 | 19.8  | 51    | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.849 | -7.1  | 67    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 84.202 | -5.3  | 67    | -0.01    |
| 80   | Butylbenzylphthalate       | 40.000 | 40.760 | -1.9  | 62    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.389 | 1.5   | 64    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.664 | -1.7  | 64    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.255 | -0.6  | 65    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.810 | -4.5  | 64    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 47.203 | -18.0 | 74    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 47.654 | -19.1 | 87    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 34.144 | 14.6  | 64    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.571 | 6.1   | 75    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.171 | 2.1   | 74    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 47.870 | -19.7 | 87    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 48.426 | -21.1 | 89    | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144032.D  
Acq On : 22 Oct 2025 10:25  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 22 10:45:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

-----  
(#) = Out of Range                      SPCC's out = 0    CCC's out = 0



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>ICES02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3399</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>10/27/2025 10:27</u>      |
| Lab File ID:    | <u>BF144074.D</u> | Init. Calib. Date(s):  | <u>10/24/2025 10/24/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>10:13 16:24</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|-----------------------------|-------|--------|------------|------|-------|
| 2-Fluorophenol              | 1.264 | 1.380  |            | 9.2  |       |
| Benzaldehyde                | 1.084 | 1.063  |            | -1.9 |       |
| Phenol-d6                   | 1.396 | 1.515  |            | 8.5  |       |
| Phenol                      | 1.722 | 1.833  |            | 6.4  | 20.0  |
| bis(2-Chloroethyl)ether     | 1.245 | 1.349  |            | 8.4  |       |
| 2-Chlorophenol              | 1.245 | 1.332  |            | 7.0  |       |
| 2-Methylphenol              | 0.957 | 1.041  |            | 8.8  |       |
| 2,2-oxybis(1-Chloropropane) | 2.339 | 2.496  |            | 6.7  |       |
| Acetophenone                | 0.432 | 0.456  |            | 5.6  |       |
| 3+4-Methylphenols           | 1.132 | 1.219  |            | 7.7  |       |
| n-Nitroso-di-n-propylamine  | 0.903 | 0.952  | 0.050      | 5.4  |       |
| Nitrobenzene-d5             | 0.365 | 0.385  |            | 5.5  |       |
| Hexachloroethane            | 0.541 | 0.579  |            | 7.0  |       |
| Nitrobenzene                | 0.386 | 0.407  |            | 5.4  |       |
| Isophorone                  | 0.638 | 0.683  |            | 7.1  |       |
| 2-Nitrophenol               | 0.184 | 0.199  |            | 8.2  | 20.0  |
| 2,4-Dimethylphenol          | 0.273 | 0.309  |            | 13.2 |       |
| bis(2-Chloroethoxy)methane  | 0.398 | 0.425  |            | 6.8  |       |
| 2,4-Dichlorophenol          | 0.317 | 0.336  |            | 6.0  | 20.0  |
| Naphthalene                 | 0.944 | 0.998  |            | 5.7  |       |
| 4-Chloroaniline             | 0.329 | 0.363  |            | 10.3 |       |
| Hexachlorobutadiene         | 0.267 | 0.273  |            | 2.2  | 20.0  |
| Caprolactam                 | 0.080 | 0.087  |            | 8.8  |       |
| 4-Chloro-3-methylphenol     | 0.280 | 0.302  |            | 7.9  | 20.0  |
| 2-Methylnaphthalene         | 0.622 | 0.664  |            | 6.8  |       |
| Hexachlorocyclopentadiene   | 0.212 | 0.233  | 0.050      | 9.9  |       |
| 2,4,6-Trichlorophenol       | 0.447 | 0.457  |            | 2.2  | 20.0  |
| 2-Fluorobiphenyl            | 1.421 | 1.420  |            | -0.1 |       |
| 2,4,5-Trichlorophenol       | 0.469 | 0.499  |            | 6.4  |       |
| 1,1-Biphenyl                | 1.432 | 1.433  |            | 0.1  |       |
| 2-Chloronaphthalene         | 1.199 | 1.226  |            | 2.2  |       |
| 2-Nitroaniline              | 0.356 | 0.384  |            | 7.9  |       |
| Dimethylphthalate           | 1.311 | 1.344  |            | 2.5  |       |
| Acenaphthylene              | 1.617 | 1.654  |            | 2.3  |       |
| 2,6-Dinitrotoluene          | 0.259 | 0.282  |            | 8.9  |       |
| 3-Nitroaniline              | 0.288 | 0.296  |            | 2.8  |       |
| Acenaphthene                | 1.080 | 1.105  |            | 2.3  | 20.0  |
| 2,4-Dinitrophenol           | 0.140 | 0.137  | 0.050      | -2.1 |       |
| 4-Nitrophenol               | 0.195 | 0.203  | 0.050      | 4.1  |       |



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Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>ICES02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3399</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>10/27/2025 10:27</u>      |
| Lab File ID:    | <u>BF144074.D</u> | Init. Calib. Date(s):  | <u>10/24/2025 10/24/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>10:13 16:24</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|----------------------------|-------|--------|------------|------|-------|
| Dibenzofuran               | 1.499 | 1.549  |            | 3.3  |       |
| 2,4-Dinitrotoluene         | 0.350 | 0.367  |            | 4.9  |       |
| Diethylphthalate           | 1.233 | 1.247  |            | 1.1  |       |
| 4-Chlorophenyl-phenylether | 0.643 | 0.665  |            | 3.4  |       |
| Fluorene                   | 1.143 | 1.167  |            | 2.1  |       |
| 4-Nitroaniline             | 0.273 | 0.281  |            | 2.9  |       |
| 4,6-Dinitro-2-methylphenol | 0.128 | 0.134  |            | 4.7  |       |
| n-Nitrosodiphenylamine     | 0.639 | 0.685  |            | 7.2  | 20.0  |
| 2,4,6-Tribromophenol       | 0.255 | 0.270  |            | 5.9  |       |
| 4-Bromophenyl-phenylether  | 0.250 | 0.275  |            | 10.0 |       |
| Hexachlorobenzene          | 0.307 | 0.333  |            | 8.5  |       |
| Atrazine                   | 0.210 | 0.202  |            | -3.8 |       |
| Pentachlorophenol          | 0.146 | 0.160  |            | 9.6  | 20.0  |
| Phenanthrene               | 0.994 | 1.034  |            | 4.0  |       |
| Anthracene                 | 1.026 | 1.032  |            | 0.6  |       |
| Carbazole                  | 0.874 | 0.880  |            | 0.7  |       |
| Di-n-butylphthalate        | 1.071 | 1.039  |            | -3.0 |       |
| Fluoranthene               | 1.098 | 1.041  |            | -5.2 | 20.0  |
| Pyrene                     | 1.438 | 1.685  |            | 17.2 |       |
| Terphenyl-d14              | 1.144 | 1.306  |            | 14.2 |       |
| Butylbenzylphthalate       | 0.544 | 0.551  |            | 1.3  |       |
| 3,3-Dichlorobenzidine      | 0.470 | 0.505  |            | 7.4  |       |
| Benzo (a) anthracene       | 1.352 | 1.462  |            | 8.1  |       |
| Chrysene                   | 1.268 | 1.310  |            | 3.3  |       |
| Bis(2-ethylhexyl)phthalate | 0.743 | 0.742  |            | -0.1 |       |
| Di-n-octyl phthalate       | 1.277 | 1.328  |            | 4.0  | 20.0  |
| Benzo (b) fluoranthene     | 1.131 | 1.120  |            | -1.0 |       |
| Benzo (k) fluoranthene     | 1.043 | 1.032  |            | -1.1 |       |
| Benzo (a) pyrene           | 1.014 | 1.060  |            | 4.5  | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.373 | 1.510  |            | 10.0 |       |
| Dibenzo (a,h) anthracene   | 1.087 | 1.187  |            | 9.2  |       |
| Benzo (g,h,i) perylene     | 1.093 | 1.200  |            | 9.8  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.687 | 0.712  |            | 3.6  |       |
| 1,4-Dioxane                | 0.546 | 0.545  |            | -0.2 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.330 | 0.362  |            | 9.7  |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144074.D  
 Acq On : 27 Oct 2025 10:27  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 54596    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 204208   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 113226   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 184414   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 112717   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 164562   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 301448   | 87.355 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 330814   | 86.803 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 314127   | 84.277 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 122439   | 84.893 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 642905   | 79.903 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 588700   | 91.306 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.616  | 88   | 59552    | 39.936 | ng    | 96       |
| 3) Pyridine                   | 3.393  | 79   | 166522   | 41.712 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.340  | 42   | 93637    | 38.172 | ng    | 95       |
| 6) Aniline                    | 6.545  | 93   | 234678   | 43.042 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 145493   | 42.812 | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 116032   | 39.213 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 200102   | 42.559 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 147253   | 43.342 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 179182   | 42.743 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 177496   | 42.963 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 169286   | 42.349 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 136290   | 43.981 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 272539   | 42.682 | ng    | 97       |
| 17) 2-Methylphenol            | 7.134  | 107  | 113631   | 43.474 | ng    | 97       |
| 18) Hexachloroethane          | 7.392  | 117  | 63229    | 42.808 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 103980   | 42.191 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 133106   | 43.078 | ng    | # 84     |
| 22) Acetophenone              | 7.292  | 105  | 186251   | 42.203 | ng    | 93       |
| 24) Nitrobenzene              | 7.463  | 77   | 166205   | 42.153 | ng    | 100      |
| 25) Isophorone                | 7.698  | 82   | 278979   | 42.811 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 81158    | 43.268 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 126382   | 45.340 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 173620   | 42.723 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 137420   | 42.393 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 136990   | 41.079 | ng    | 97       |
| 31) Naphthalene               | 8.186  | 128  | 407407   | 42.271 | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 73873    | 41.781 | ng    | # 83     |
| 33) 4-Chloroaniline           | 8.233  | 127  | 148161   | 44.158 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 111465   | 40.877 | ng    | 97       |
| 35) Caprolactam               | 8.598  | 113  | 35660    | 43.869 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 123434   | 43.150 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 271332   | 42.699 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 259791   | 43.152 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 161259   | 41.440 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 52737    | 43.878 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 103575   | 40.949 | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144074.D  
 Acq On : 27 Oct 2025 10:27  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

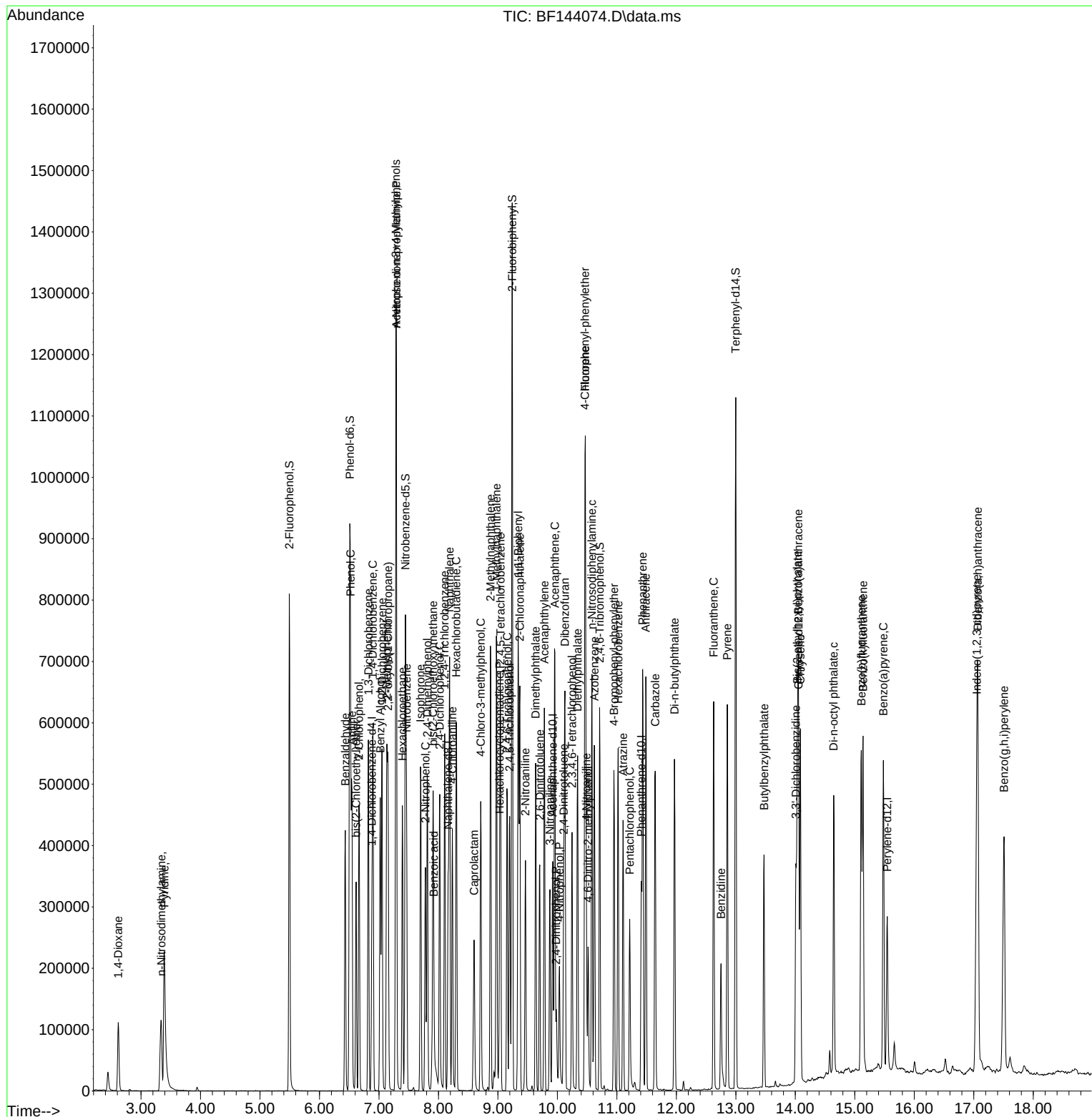
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 113082   | 42.599 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 324424   | 40.027 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 277516   | 40.869 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 87054    | 43.173 | ng    | 98       |
| 49) Acenaphthylene            | 9.780  | 152  | 374544   | 40.908 | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 304442   | 41.020 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 63869    | 43.531 | ng    | 95       |
| 52) Acenaphthene              | 9.957  | 154  | 250322   | 40.938 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 66981    | 41.061 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 30917    | 38.960 | ng    | 99       |
| 55) Dibenzofuran              | 10.127 | 168  | 350742   | 41.318 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 45872    | 41.527 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 83007    | 41.918 | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 264329   | 40.866 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 81964    | 43.817 | ng    | 98       |
| 60) Diethylphthalate          | 10.339 | 149  | 282370   | 40.457 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 150675   | 41.424 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 63652    | 41.182 | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 267316   | 40.465 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 49356    | 41.715 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 252814   | 42.907 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 101473   | 43.947 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 123002   | 43.436 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 74391    | 38.475 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 59017    | 43.784 | ng    | 96       |
| 71) Phenanthrene              | 11.433 | 178  | 381184   | 41.610 | ng    | 98       |
| 72) Anthracene                | 11.486 | 178  | 380792   | 40.239 | ng    | 98       |
| 73) Carbazole                 | 11.645 | 167  | 324513   | 40.288 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 383099   | 38.793 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 383968   | 37.938 | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 145430   | 41.457 | ng    | 100      |
| 78) Pyrene                    | 12.857 | 202  | 379834   | 46.872 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 124111   | 40.484 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 329626   | 43.272 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 113938   | 42.969 | ng    | 100      |
| 83) Chrysene                  | 14.086 | 228  | 295359   | 41.319 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 167373   | 39.991 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 299304   | 41.585 | ng    | # 97     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.051 | 276  | 496906   | 43.981 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 368610   | 39.622 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 339785   | 39.586 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 348799   | 41.791 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 390777   | 43.695 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 394850   | 43.914 | ng    | 99       |

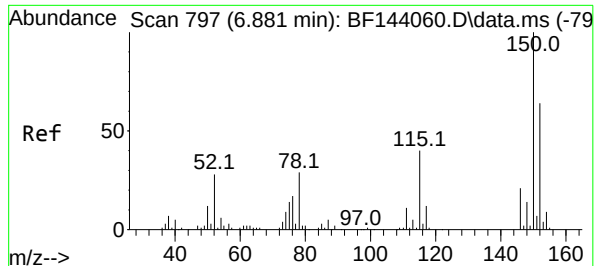
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\  
Data File : BF144074.D  
Acq On    : 27 Oct 2025  10:27  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

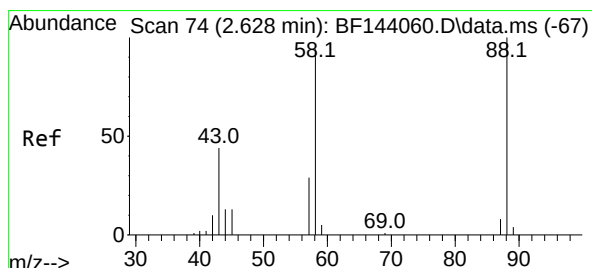
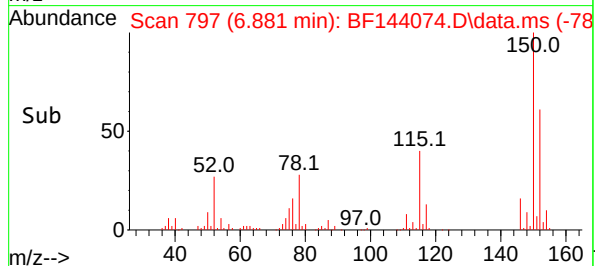
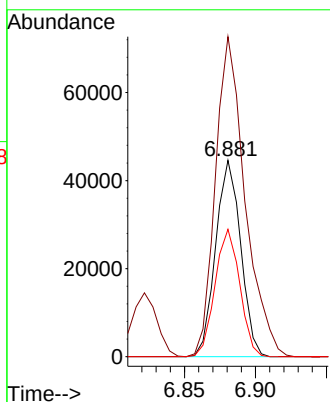
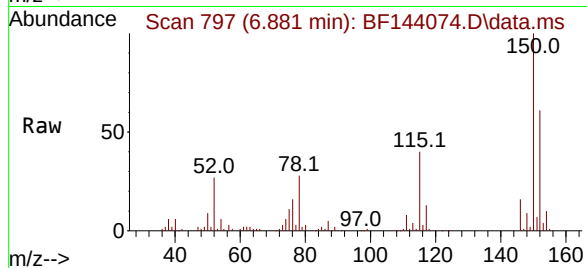




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF144074.D  
 Acq: 27 Oct 2025 10:27

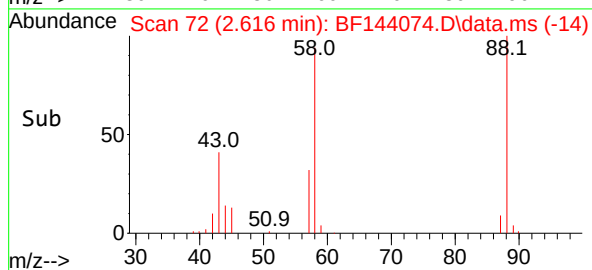
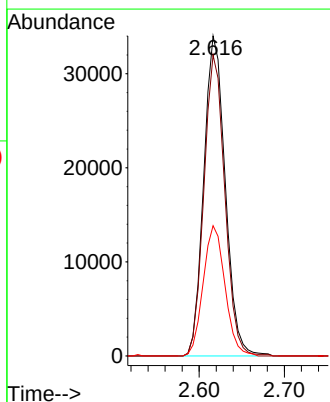
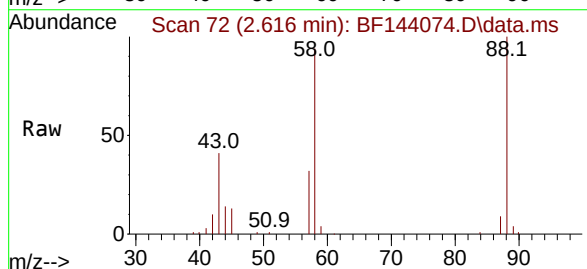
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

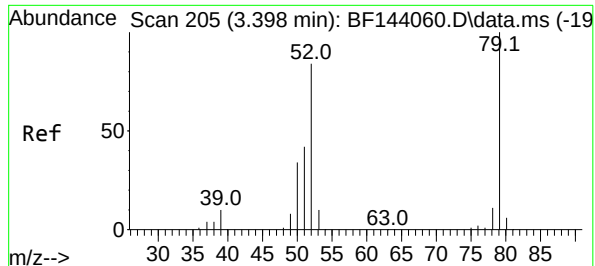
Tgt Ion:152 Resp: 54596  
 Ion Ratio Lower Upper  
 152 100  
 150 163.1 124.4 186.6  
 115 64.9 49.4 74.0



#2  
 1,4-Dioxane  
 Concen: 39.936 ng  
 RT: 2.616 min Scan# 72  
 Delta R.T. -0.012 min  
 Lab File: BF144074.D  
 Acq: 27 Oct 2025 10:27

Tgt Ion: 88 Resp: 59552  
 Ion Ratio Lower Upper  
 88 100  
 58 91.7 76.5 114.7  
 43 41.3 35.3 52.9

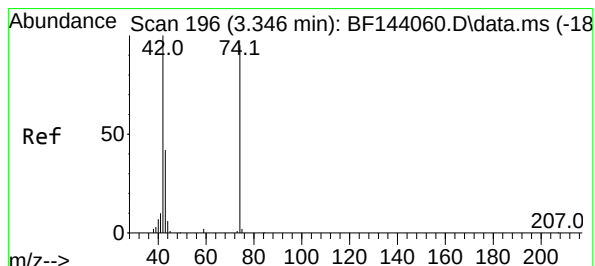
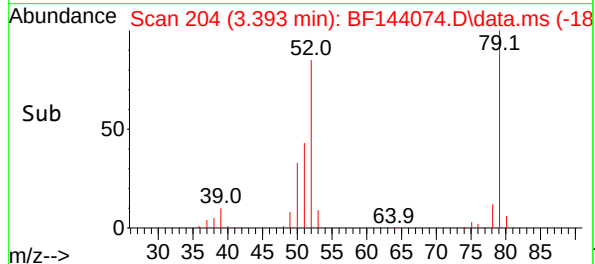
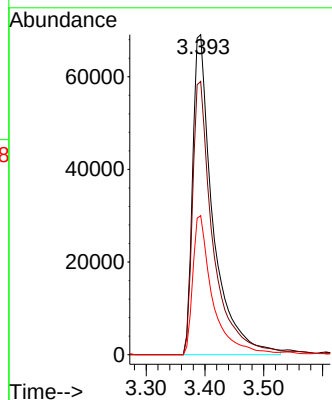
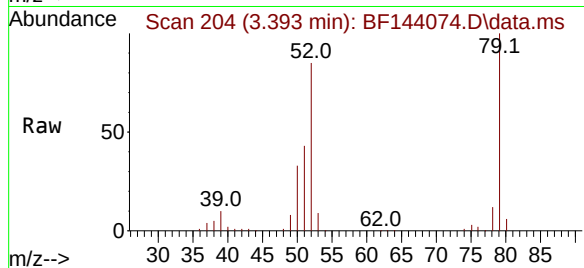




#3  
Pyridine  
Concen: 41.712 ng  
RT: 3.393 min Scan# 205  
Delta R.T. -0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

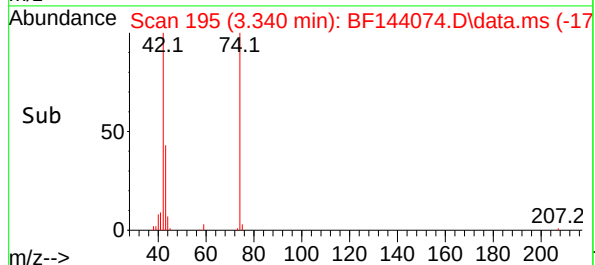
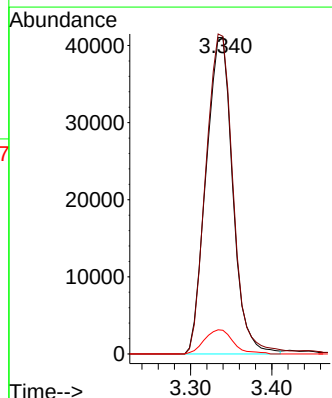
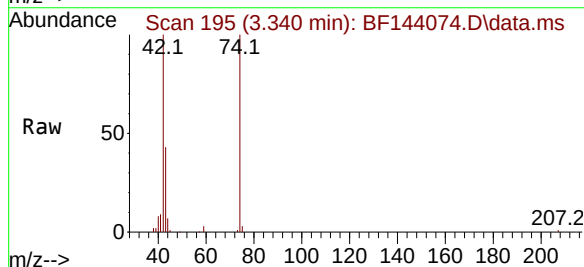
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 166522  
Ion Ratio Lower Upper  
79 100  
52 85.4 67.5 101.3  
51 43.5 33.6 50.4

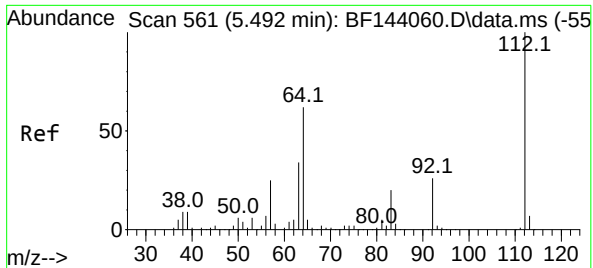


#4  
n-Nitrosodimethylamine  
Concen: 38.172 ng  
RT: 3.340 min Scan# 195  
Delta R.T. -0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion: 42 Resp: 93637  
Ion Ratio Lower Upper  
42 100  
74 100.3 76.4 114.6  
44 7.5 5.2 7.8



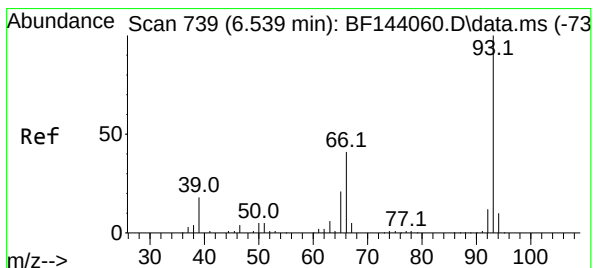
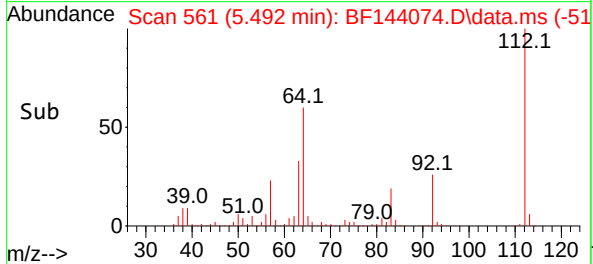
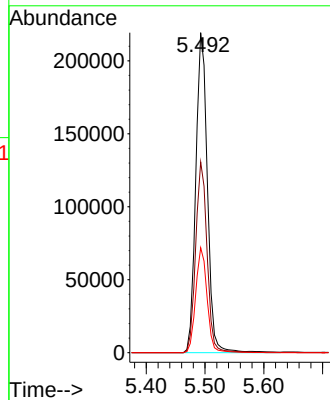
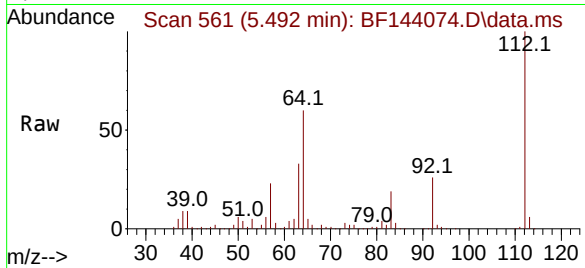




#5  
2-Fluorophenol  
Concen: 87.355 ng  
RT: 5.492 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

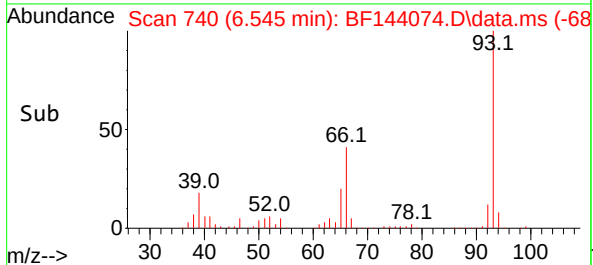
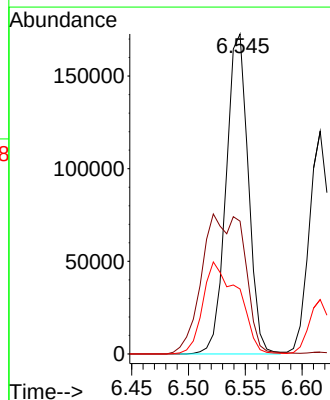
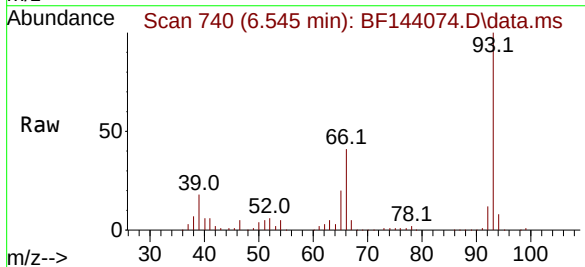
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

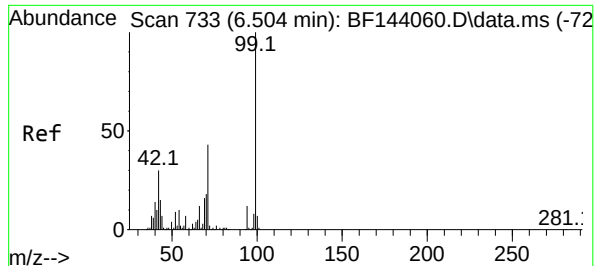
Tgt Ion:112 Resp: 301448  
Ion Ratio Lower Upper  
112 100  
64 59.6 49.8 74.8  
63 32.8 27.4 41.2



#6  
Aniline  
Concen: 43.042 ng  
RT: 6.545 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion: 93 Resp: 234678  
Ion Ratio Lower Upper  
93 100  
66 41.5 35.7 53.5  
65 20.3 17.0 25.6

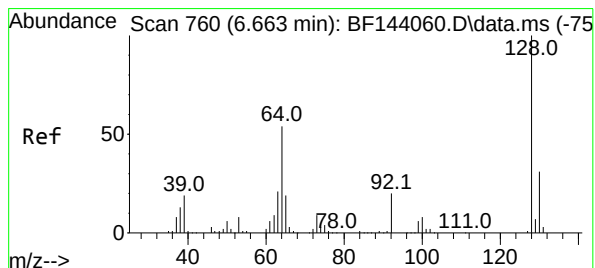
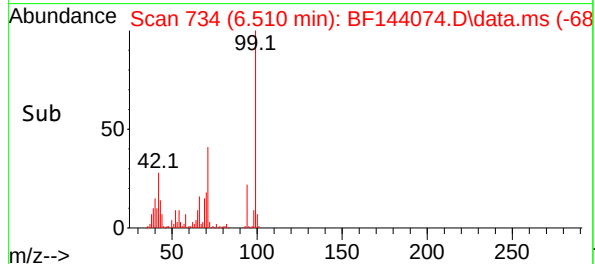
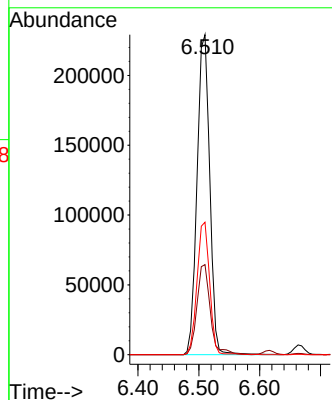
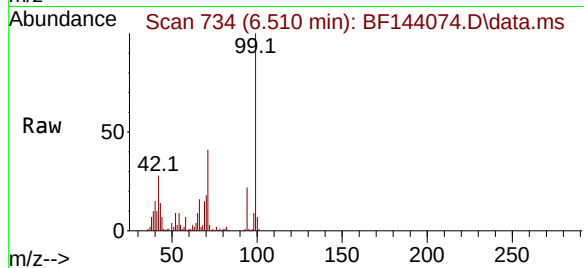




#7  
Phenol-d6  
Concen: 86.803 ng  
RT: 6.510 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

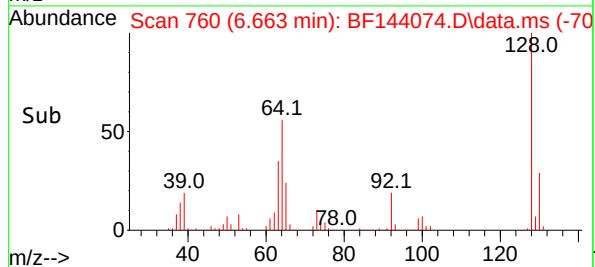
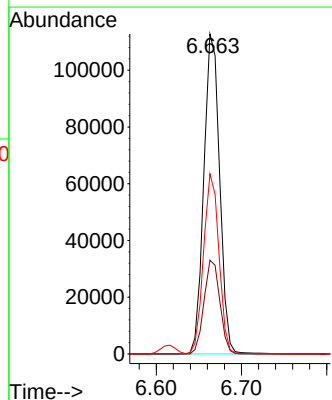
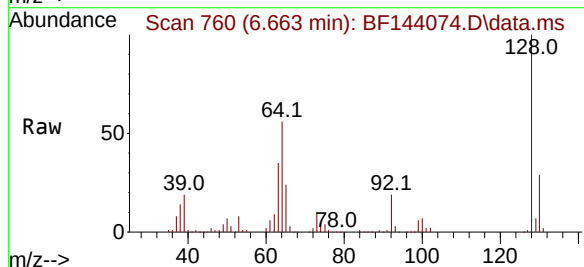
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

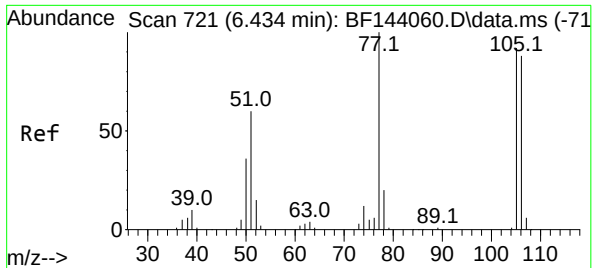
Tgt Ion: 99 Resp: 330814  
Ion Ratio Lower Upper  
99 100  
42 28.2 23.9 35.9  
71 41.4 34.4 51.6



#8  
2-Chlorophenol  
Concen: 42.812 ng  
RT: 6.663 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion: 128 Resp: 145493  
Ion Ratio Lower Upper  
128 100  
130 29.3 10.7 50.7  
64 56.3 34.7 74.7





#9

Benzaldehyde

Concen: 39.213 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

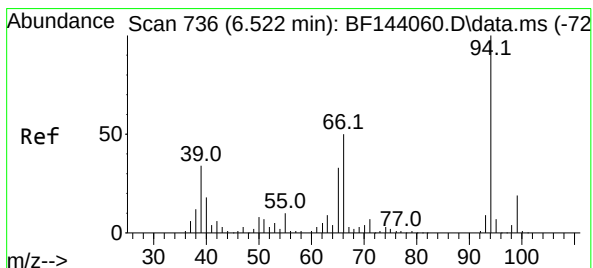
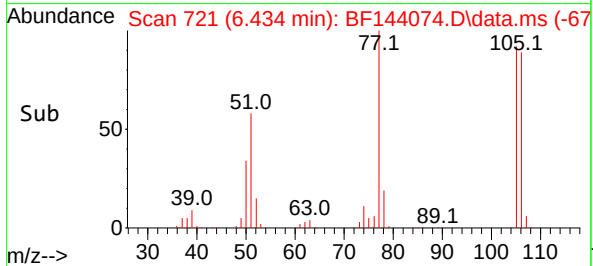
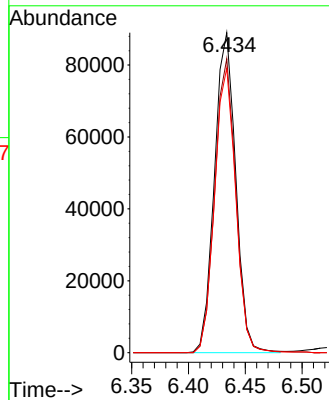
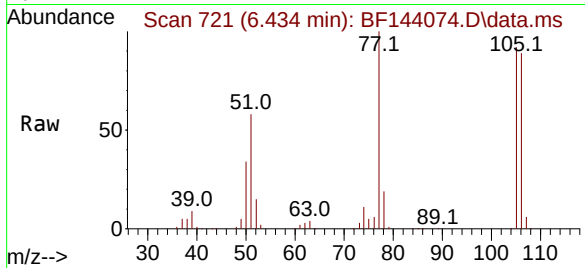
Tgt Ion: 77 Resp: 116032

Ion Ratio Lower Upper

77 100

105 91.9 72.2 112.2

106 88.9 67.9 107.9



#10

Phenol

Concen: 42.559 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

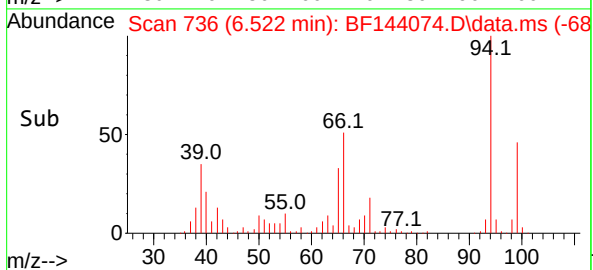
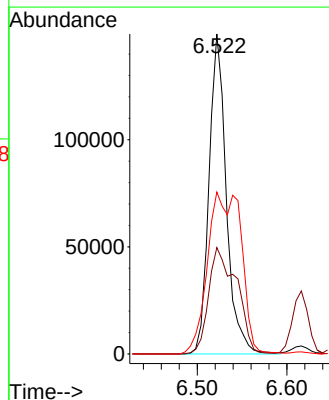
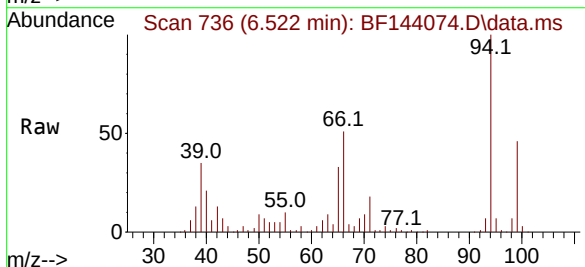
Tgt Ion: 94 Resp: 200102

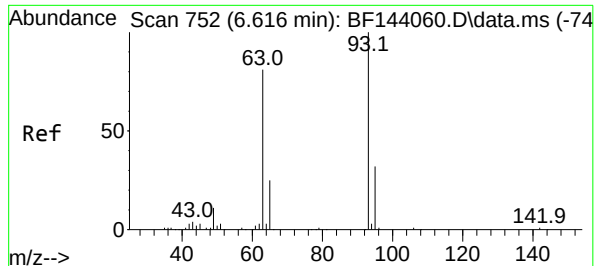
Ion Ratio Lower Upper

94 100

65 33.3 13.1 53.1

66 50.6 30.6 70.6

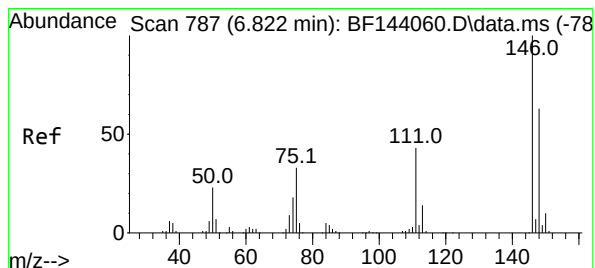
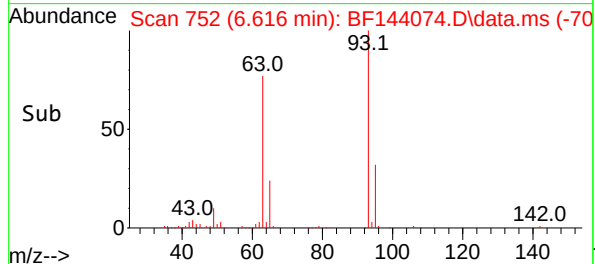
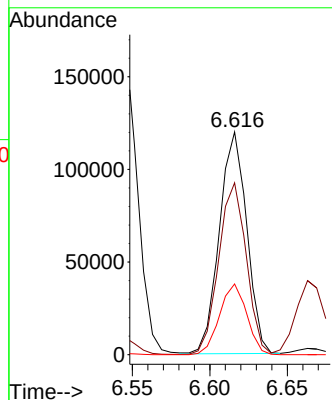
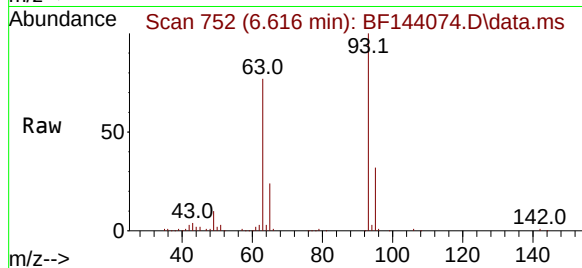




#11  
bis(2-Chloroethyl)ether  
Concen: 43.342 ng  
RT: 6.616 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

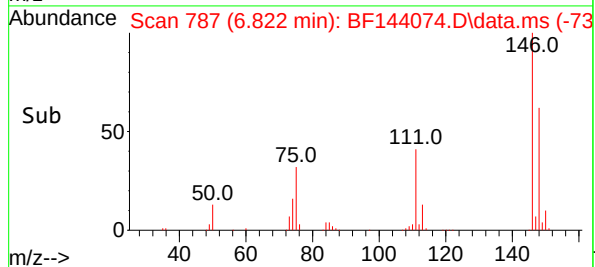
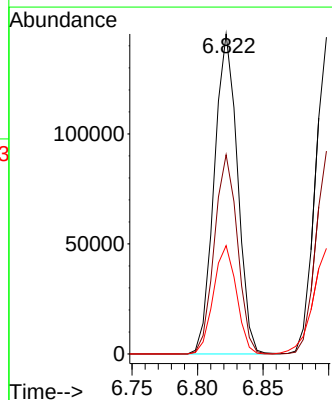
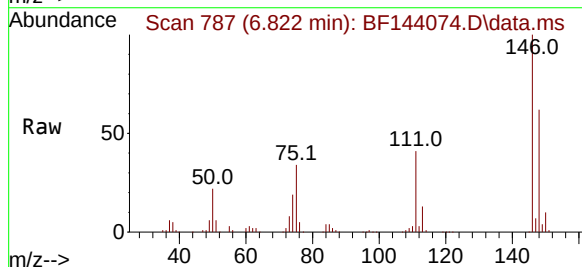
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

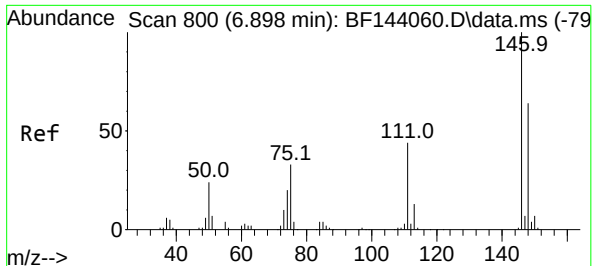
Tgt Ion: 93 Resp: 147253  
Ion Ratio Lower Upper  
93 100  
63 77.2 60.2 100.2  
95 31.7 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 42.743 ng  
RT: 6.822 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion: 146 Resp: 179182  
Ion Ratio Lower Upper  
146 100  
148 62.2 50.6 75.8  
75 33.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.963 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

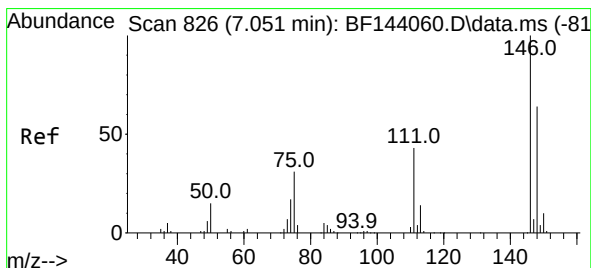
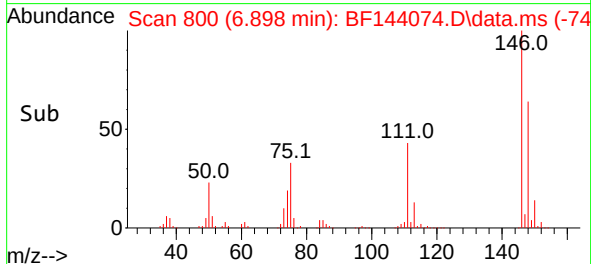
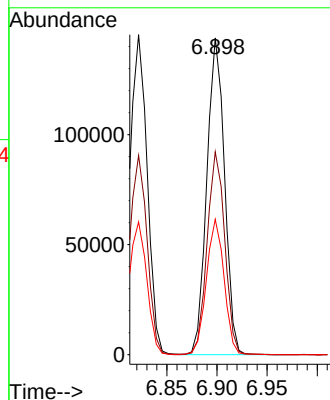
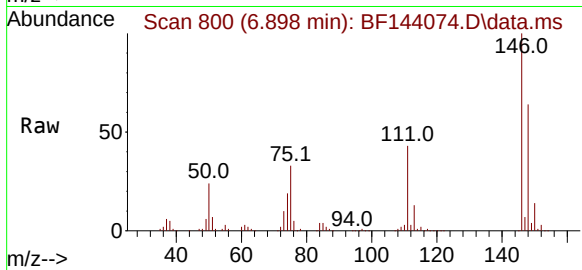
Tgt Ion:146 Resp: 177496

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 42.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 42.349 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

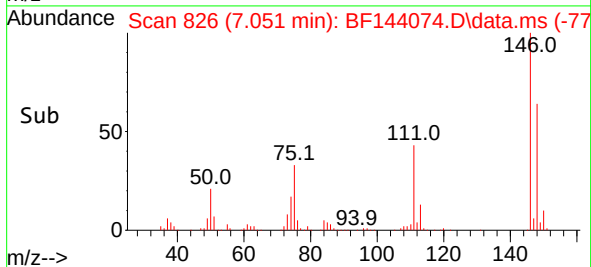
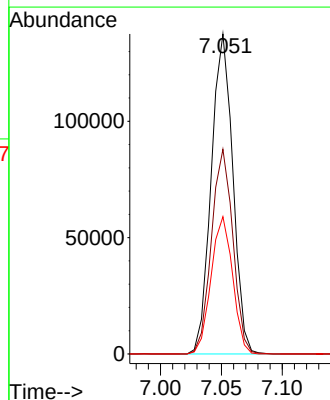
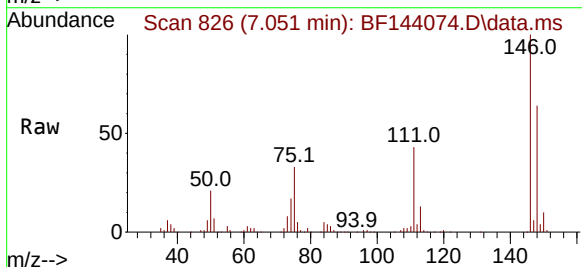
Tgt Ion:146 Resp: 169286

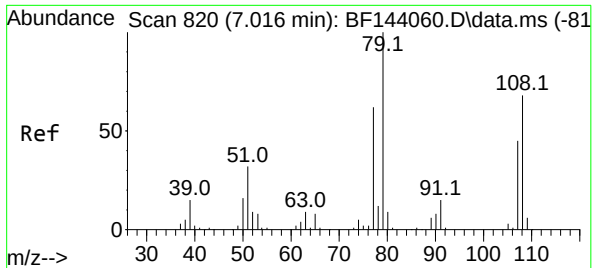
Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 42.9 34.7 52.1

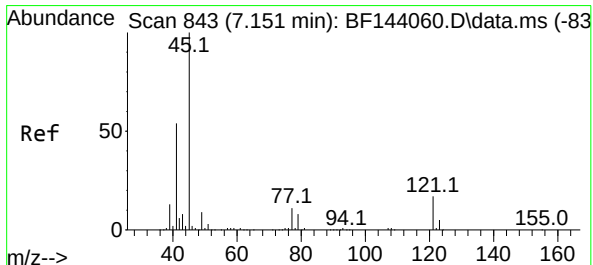
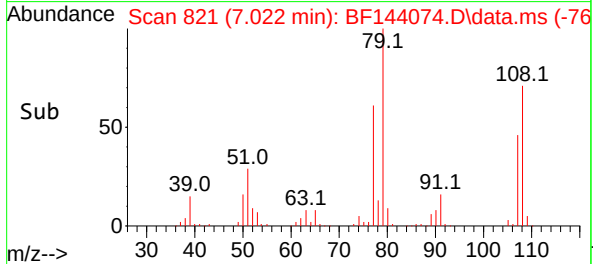
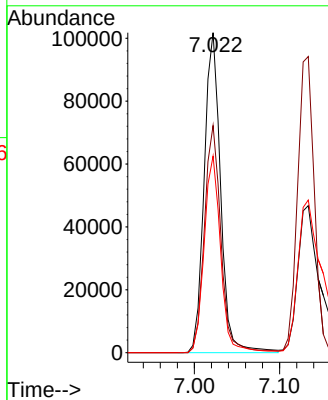
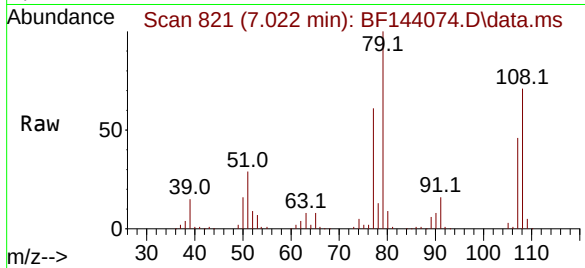




#15  
Benzyl Alcohol  
Concen: 43.981 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

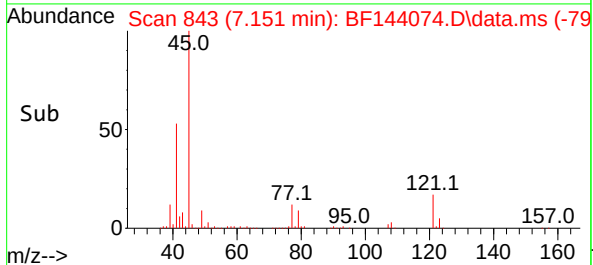
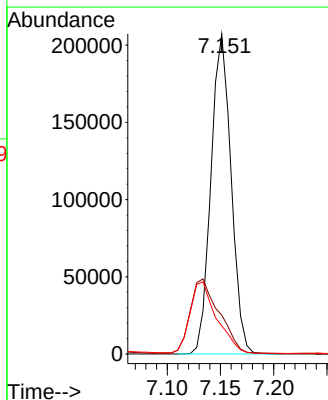
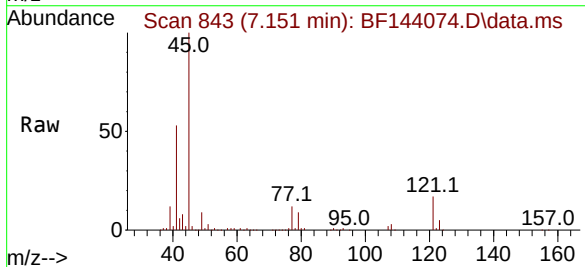
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

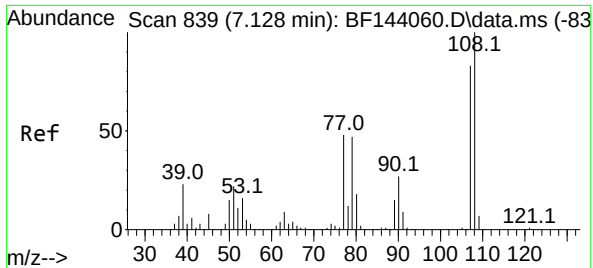
Tgt Ion: 79 Resp: 136290  
Ion Ratio Lower Upper  
79 100  
108 71.0 54.8 82.2  
77 61.4 49.4 74.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.682 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion: 45 Resp: 272539  
Ion Ratio Lower Upper  
45 100  
77 12.1 0.0 30.9  
79 8.8 0.0 28.2

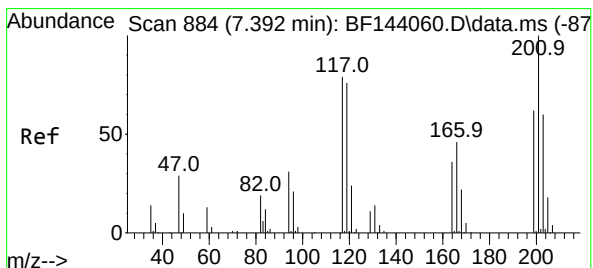
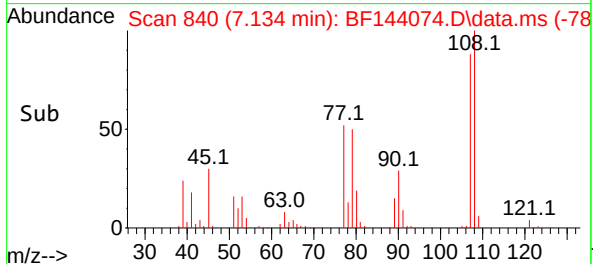
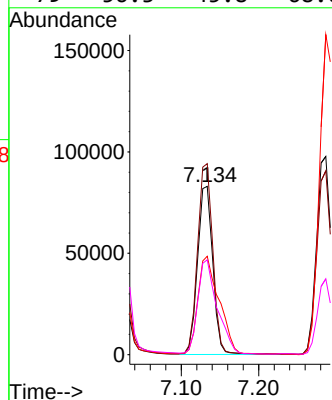
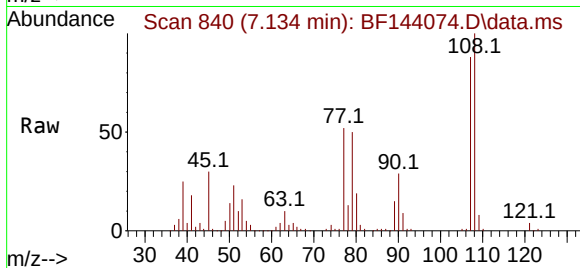




#17  
2-Methylphenol  
Concen: 43.474 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

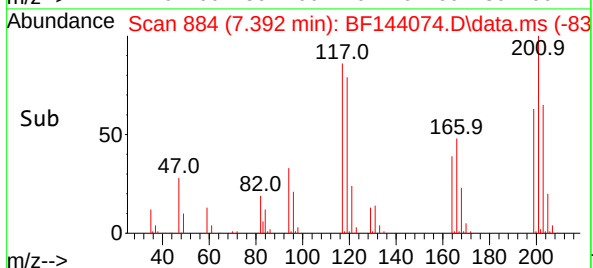
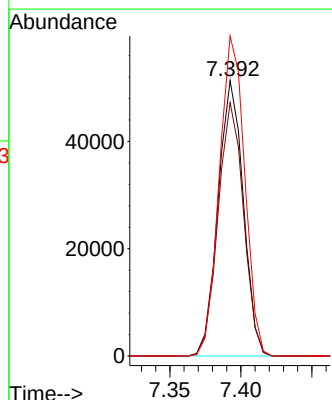
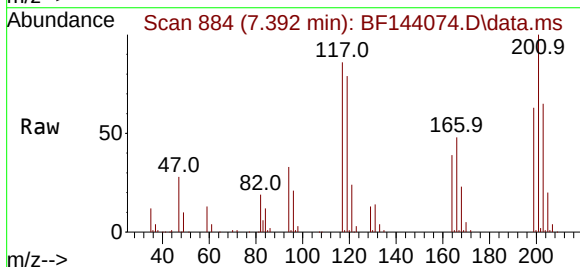
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

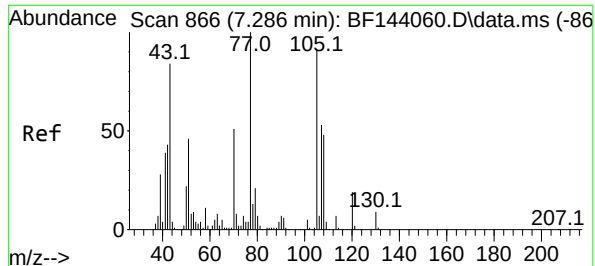
Tgt Ion:107 Resp: 113631  
Ion Ratio Lower Upper  
107 100  
108 113.5 96.4 144.6  
77 58.5 46.8 70.2  
79 56.3 45.8 68.6



#18  
Hexachloroethane  
Concen: 42.808 ng  
RT: 7.392 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:117 Resp: 63229  
Ion Ratio Lower Upper  
117 100  
119 92.0 76.6 115.0  
201 116.2 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.191 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 103980

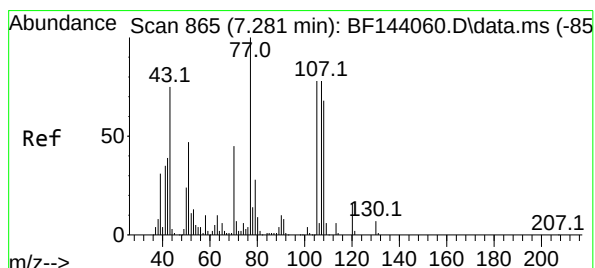
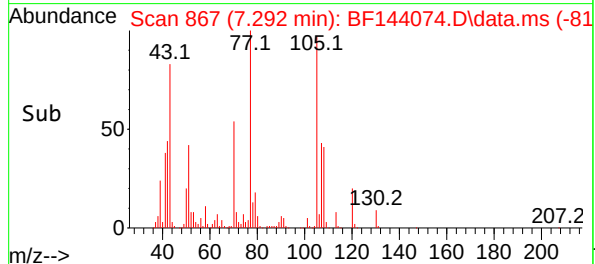
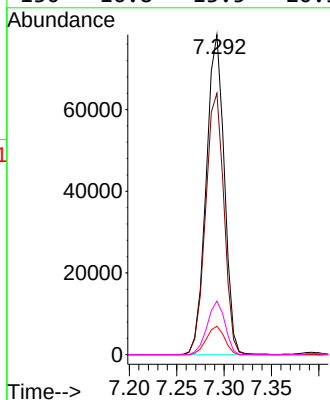
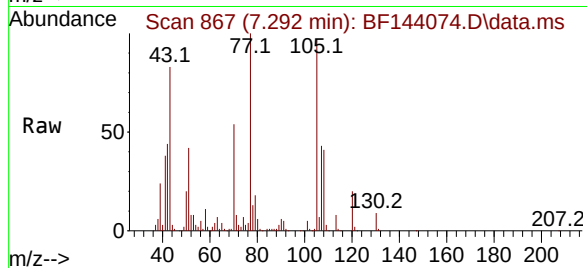
Ion Ratio Lower Upper

70 100

42 81.7 67.4 101.0

101 8.9 7.1 10.7

130 16.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 43.078 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion: 107 Resp: 133106

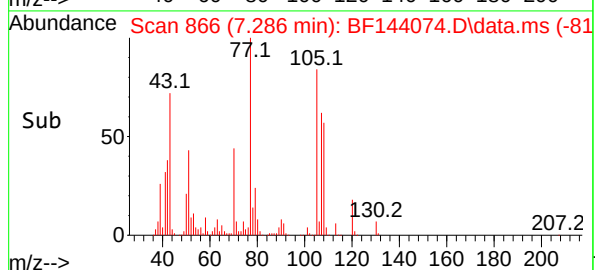
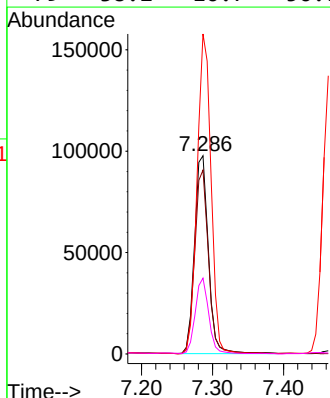
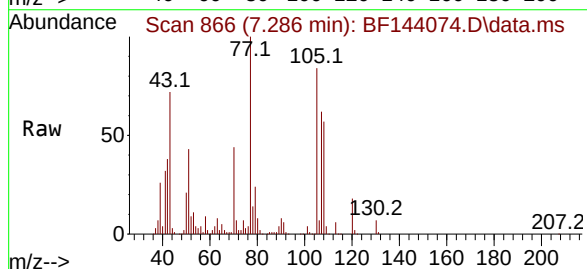
Ion Ratio Lower Upper

107 100

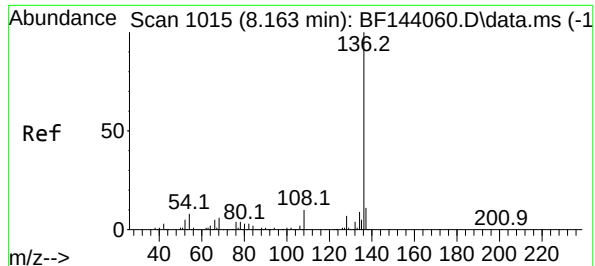
108 92.8 68.0 108.0

77 161.4 108.7 148.7#

79 38.2 16.7 56.7



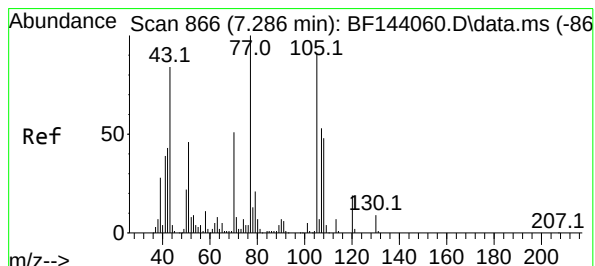
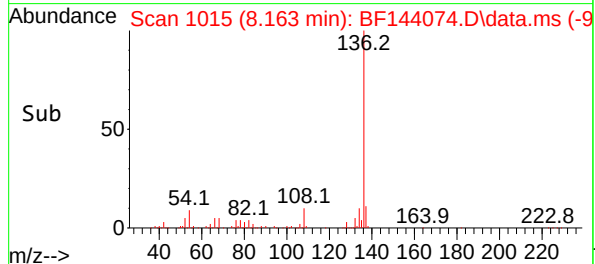
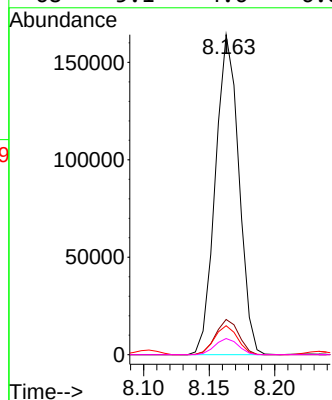
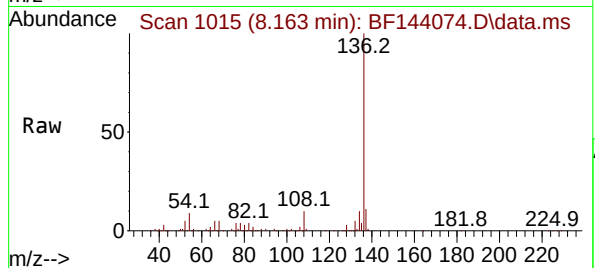




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

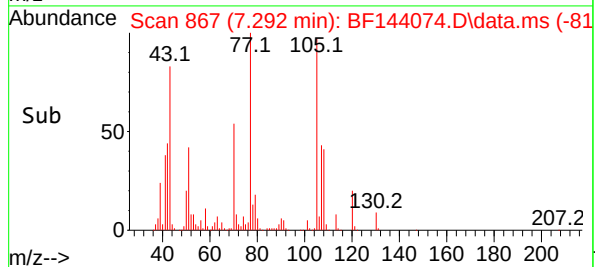
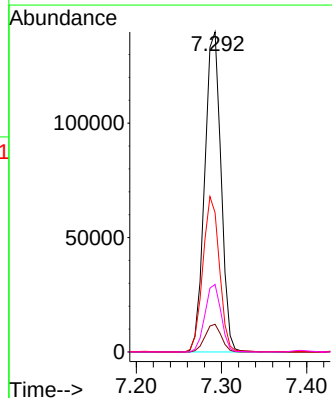
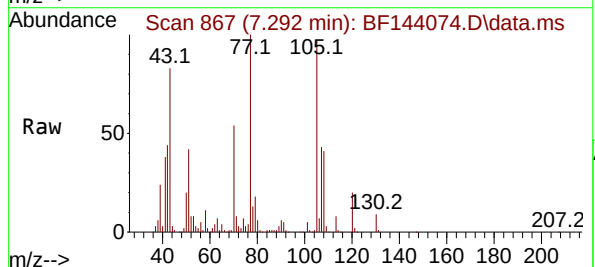
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

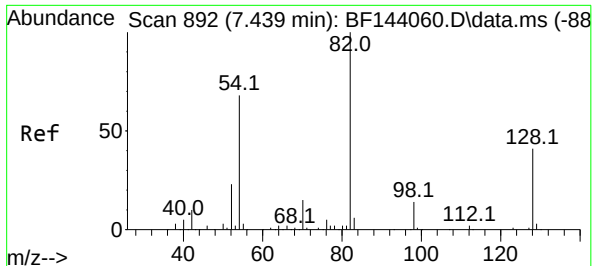
Tgt Ion:136 Resp: 204208  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 9.1 6.6 9.8  
68 5.1 4.6 6.8



#22  
Acetophenone  
Concen: 42.203 ng  
RT: 7.292 min Scan# 867  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:105 Resp: 186251  
Ion Ratio Lower Upper  
105 100  
71 8.7 6.9 10.3  
51 43.5 40.6 60.8  
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 84.277 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

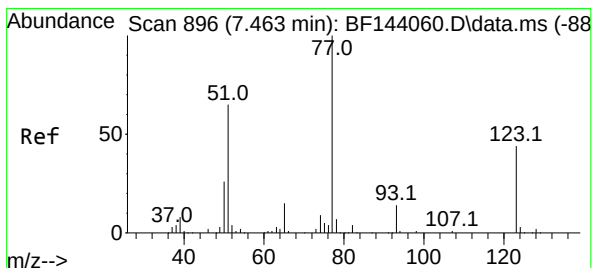
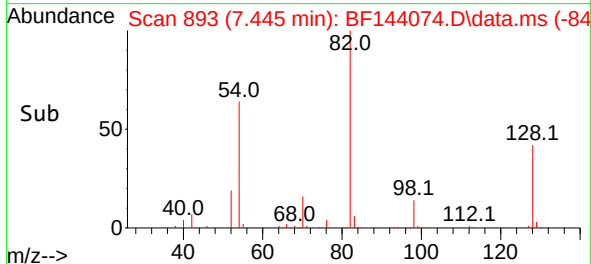
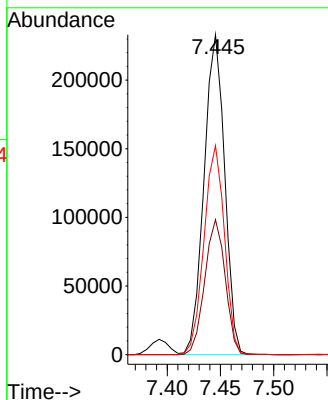
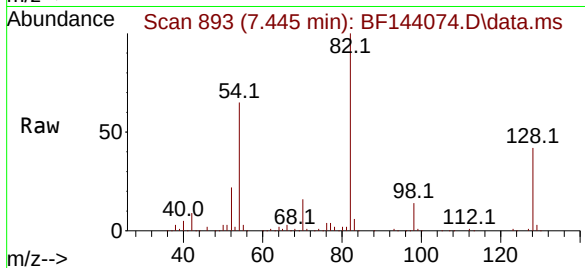
Tgt Ion: 82 Resp: 314127

Ion Ratio Lower Upper

82 100

128 42.2 32.4 48.6

54 65.3 54.0 81.0



#24

Nitrobenzene

Concen: 42.153 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

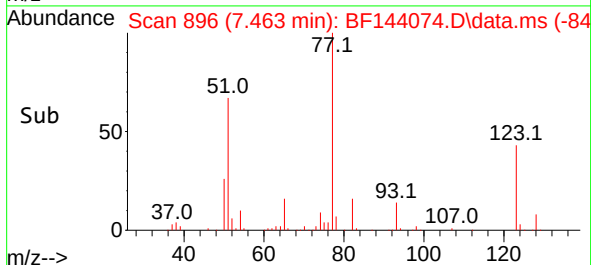
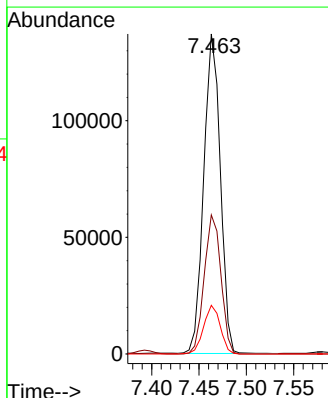
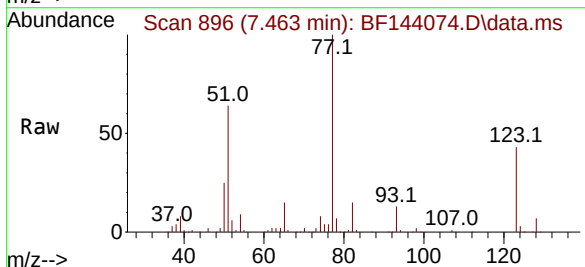
Tgt Ion: 77 Resp: 166205

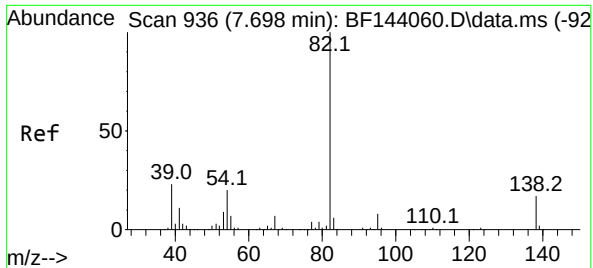
Ion Ratio Lower Upper

77 100

123 43.4 35.0 52.6

65 15.2 12.2 18.2

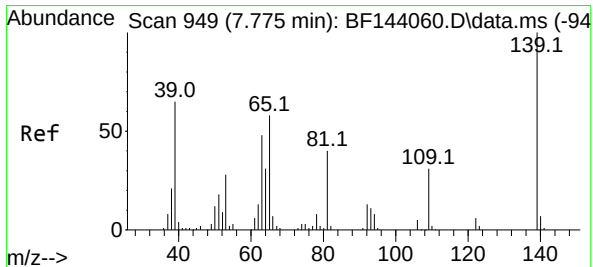
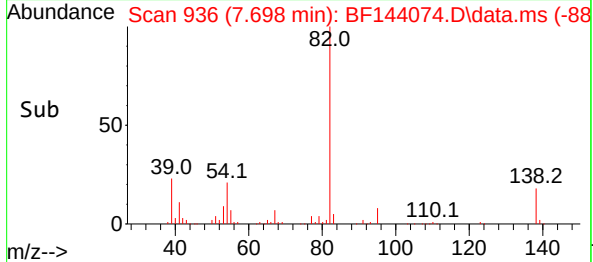
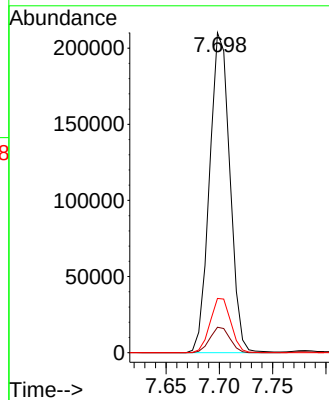
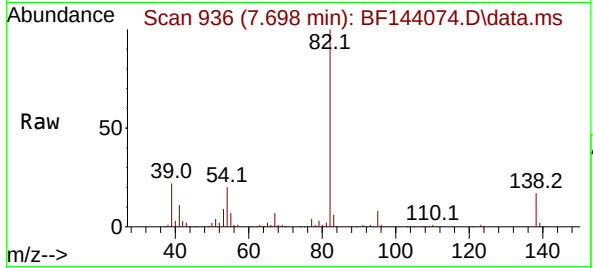




#25  
Isophorone  
Concen: 42.811 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

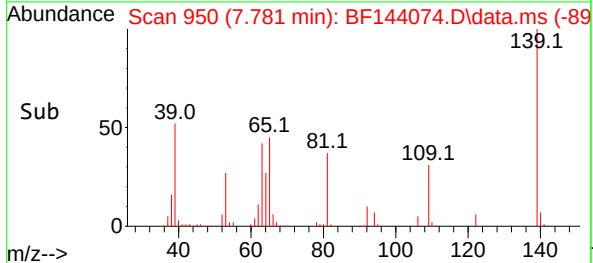
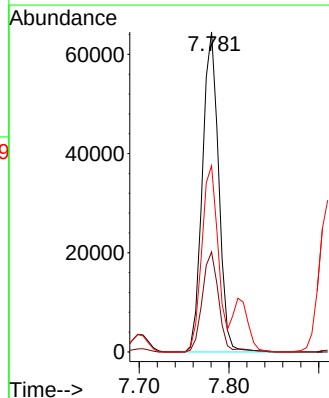
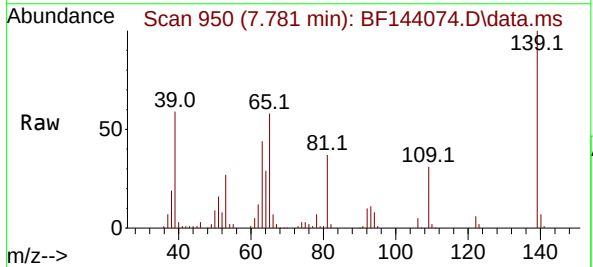
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

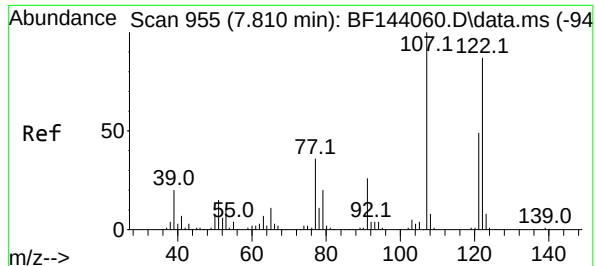
Tgt Ion: 82 Resp: 278979  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.6 9.8  
138 16.9 13.8 20.8



#26  
2-Nitrophenol  
Concen: 43.268 ng  
RT: 7.781 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion: 139 Resp: 81158  
Ion Ratio Lower Upper  
139 100  
109 31.2 24.6 37.0  
65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 45.340 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

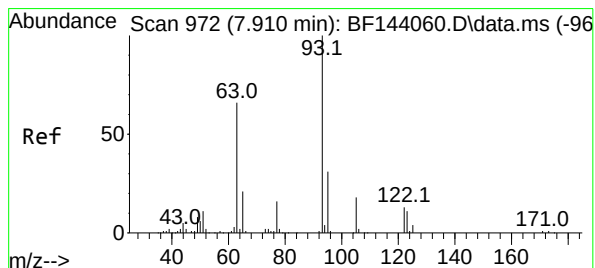
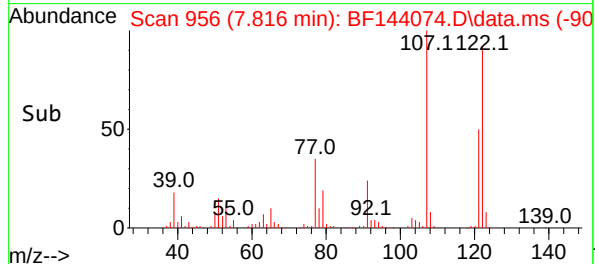
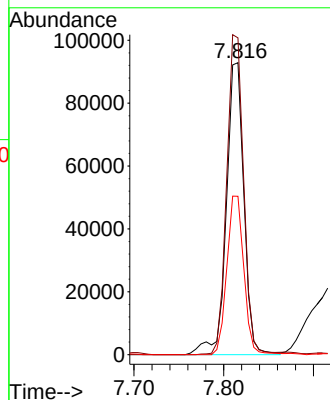
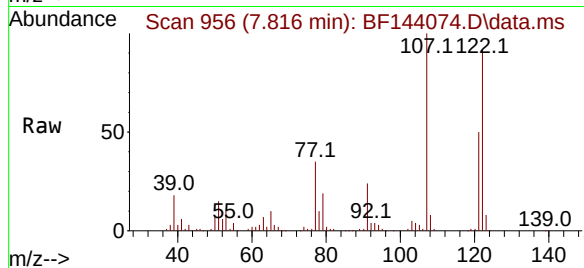
Tgt Ion:122 Resp: 126382

Ion Ratio Lower Upper

122 100

107 108.5 91.8 137.8

121 54.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.723 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

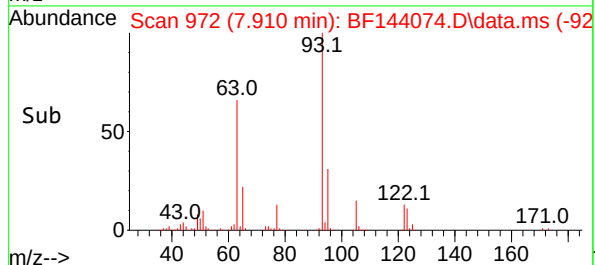
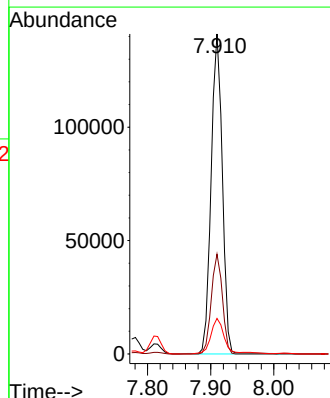
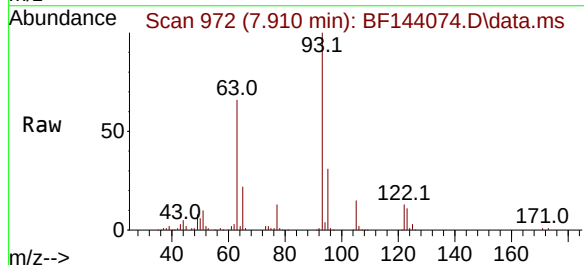
Tgt Ion: 93 Resp: 173620

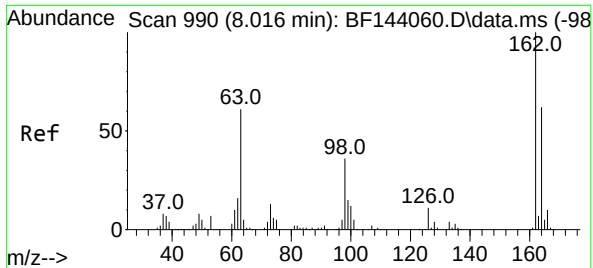
Ion Ratio Lower Upper

93 100

95 31.2 24.6 36.8

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.393 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

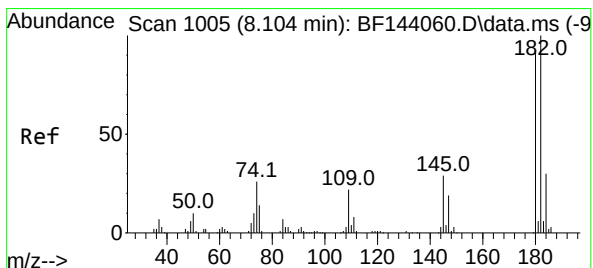
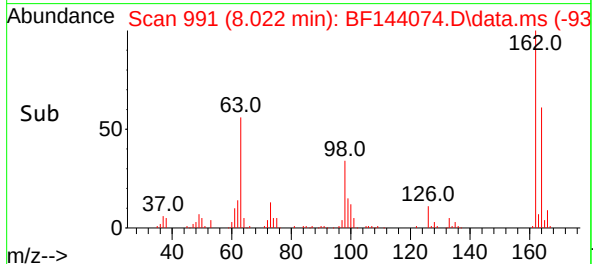
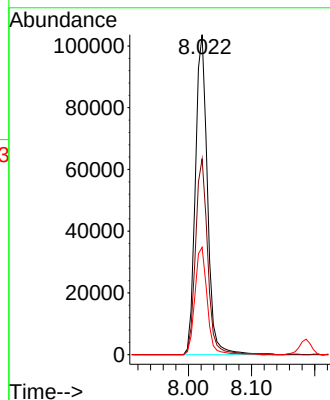
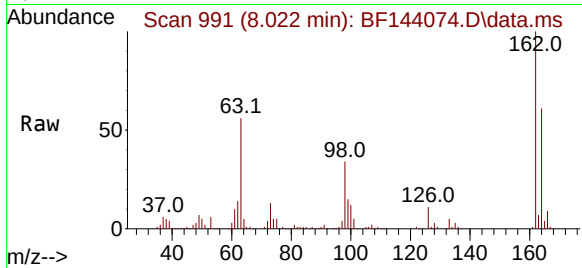
Tgt Ion:162 Resp: 137420

Ion Ratio Lower Upper

162 100

164 61.2 42.1 82.1

98 33.5 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 41.079 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

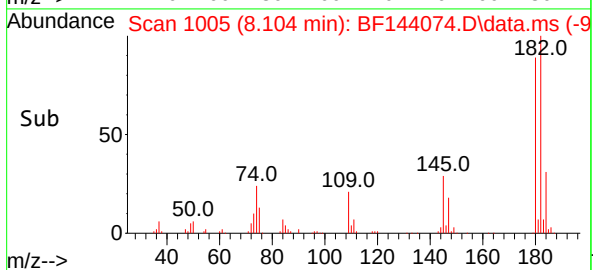
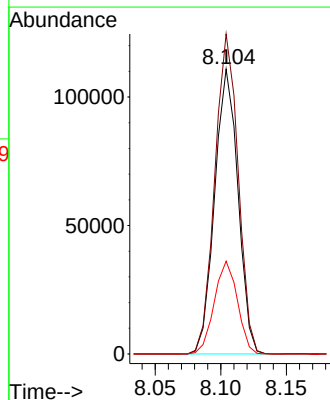
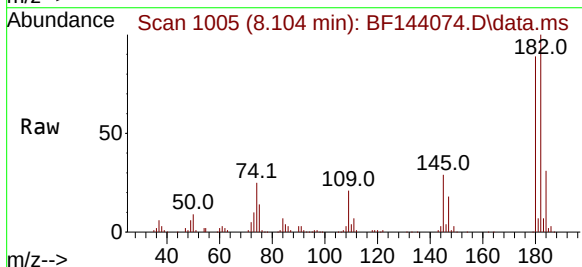
Tgt Ion:180 Resp: 136990

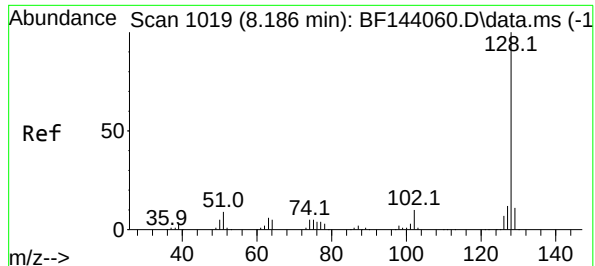
Ion Ratio Lower Upper

180 100

182 112.3 87.1 130.7

145 32.6 25.3 37.9





#31

Naphthalene

Concen: 42.271 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

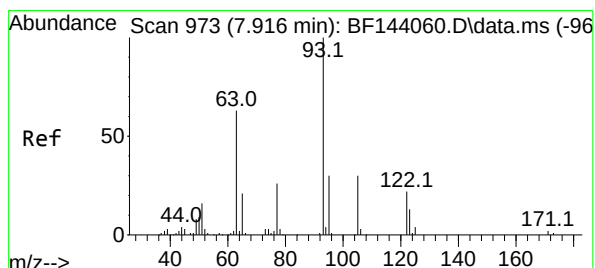
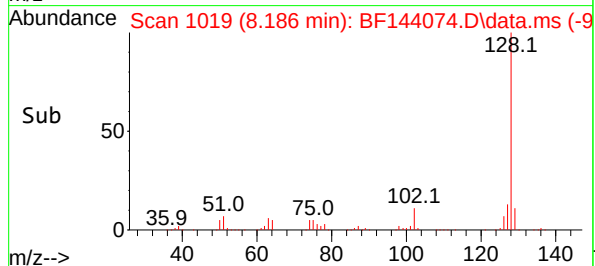
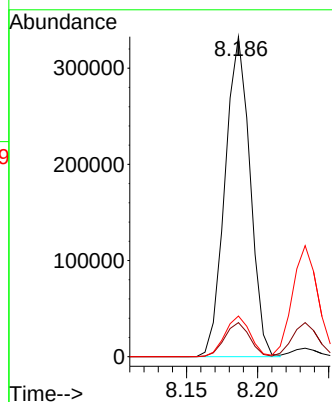
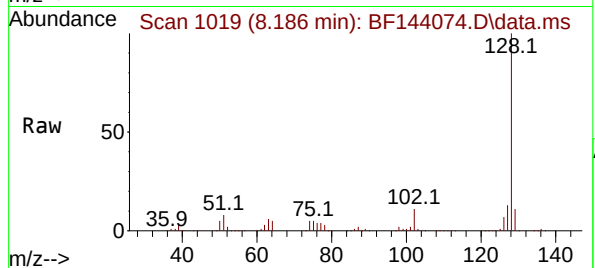
Tgt Ion:128 Resp: 407407

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 12.7 9.9 14.9



#32

Benzoic acid

Concen: 41.781 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

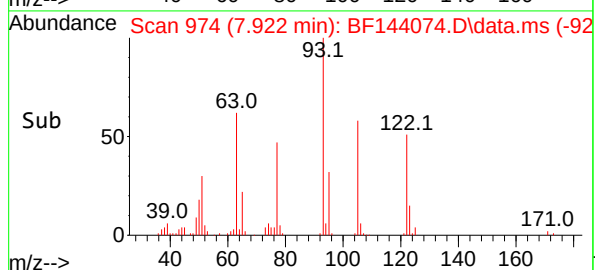
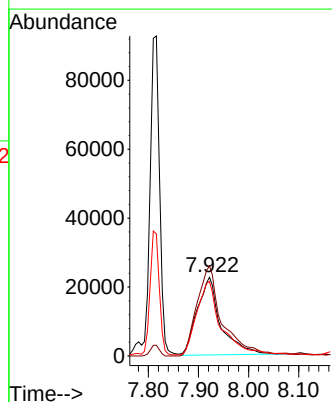
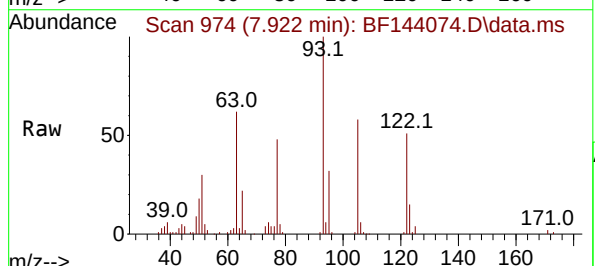
Tgt Ion:122 Resp: 73873

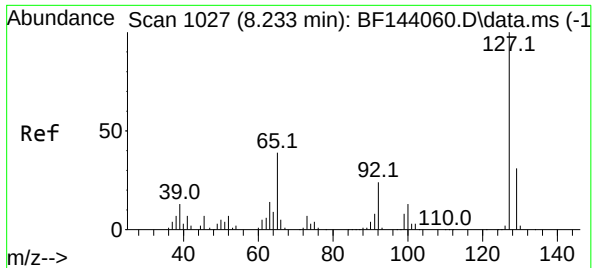
Ion Ratio Lower Upper

122 100

105 114.4 111.3 151.3

77 94.7 96.7 136.7#

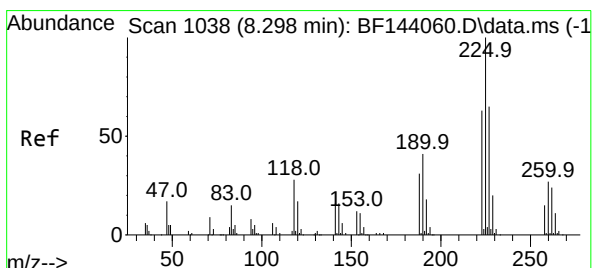
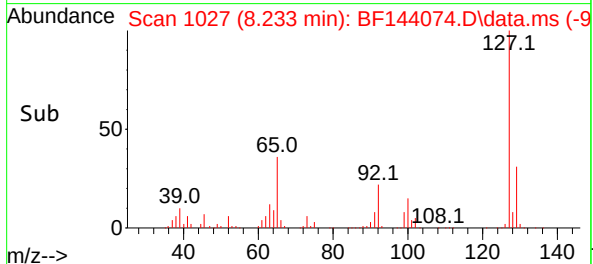
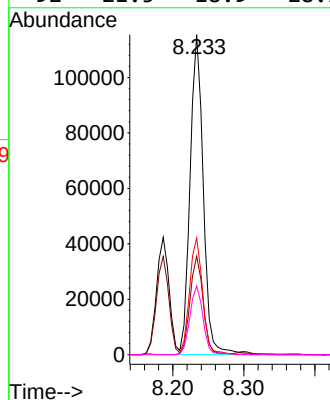
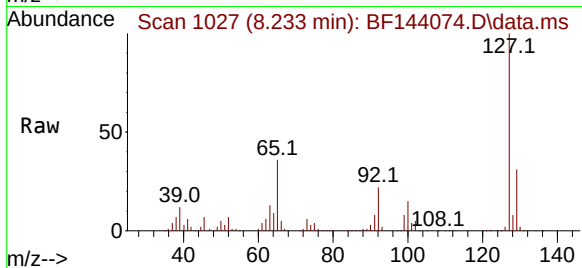




#33  
4-Chloroaniline  
Concen: 44.158 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

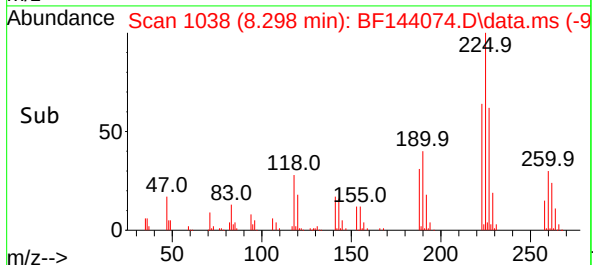
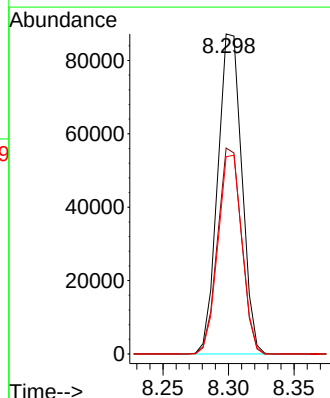
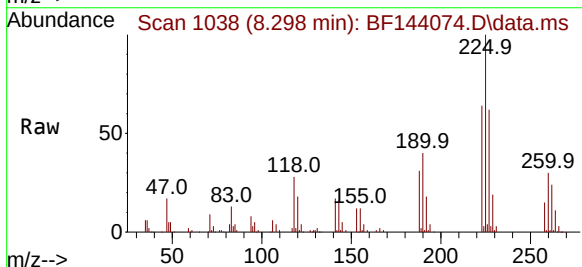
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

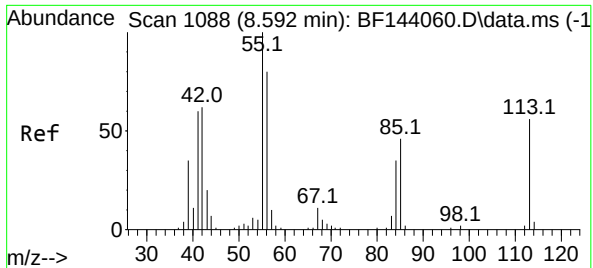
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 148161 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 30.8    | 25.6 38.4    |
| 65 36.5     | 30.9 46.3    |
| 92 21.5     | 18.9 28.3    |



#34  
Hexachlorobutadiene  
Concen: 40.877 ng  
RT: 8.298 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 111465 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 64.4    | 50.6 76.0    |
| 227 61.7    | 51.8 77.8    |

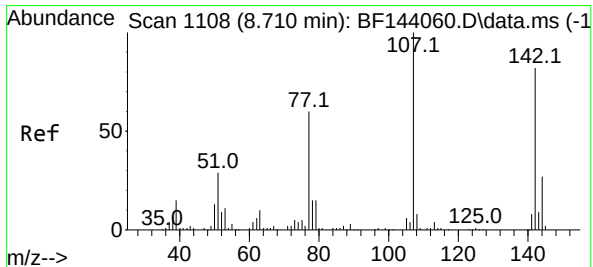
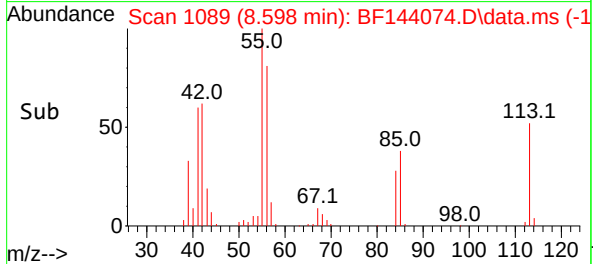
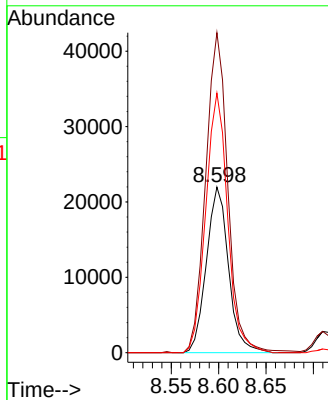
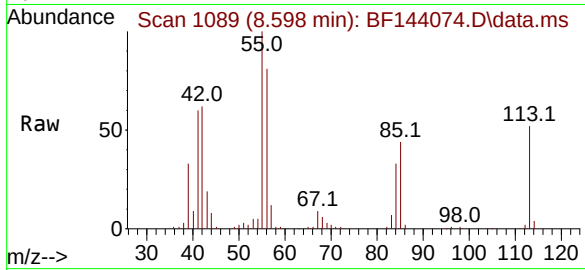




#35  
Caprolactam  
Concen: 43.869 ng  
RT: 8.598 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

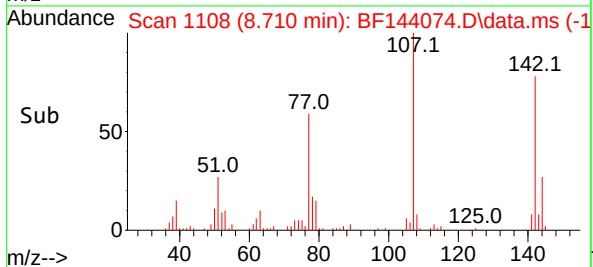
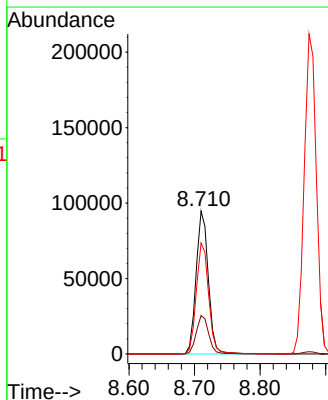
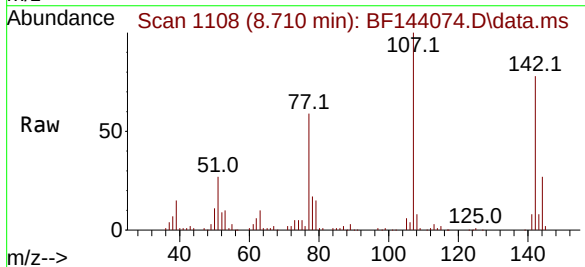
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:113 Resp: 35660  
Ion Ratio Lower Upper  
113 100  
55 193.2 160.1 200.1  
56 156.7 124.9 164.9

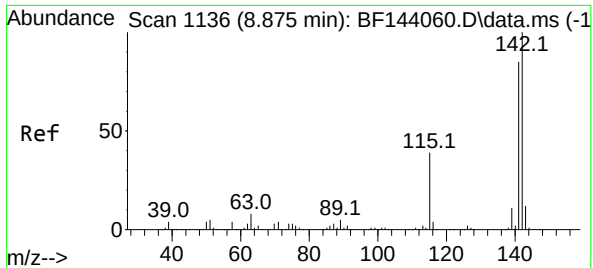


#36  
4-Chloro-3-methylphenol  
Concen: 43.150 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:107 Resp: 123434  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.6 32.4  
142 77.5 65.4 98.0



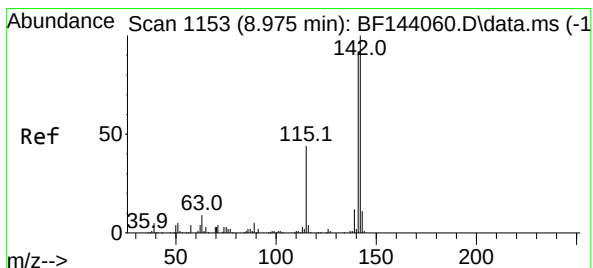
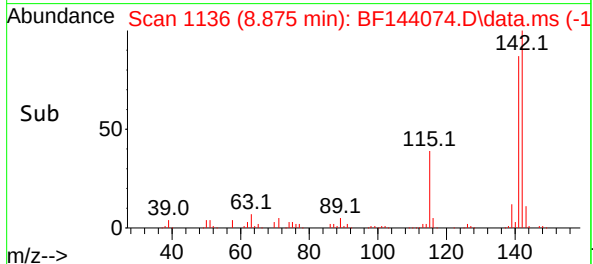
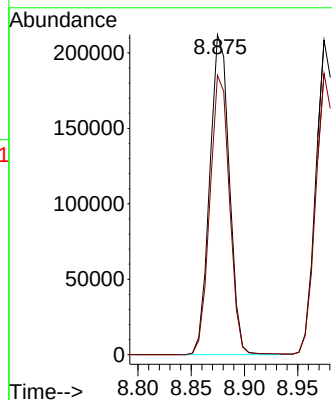
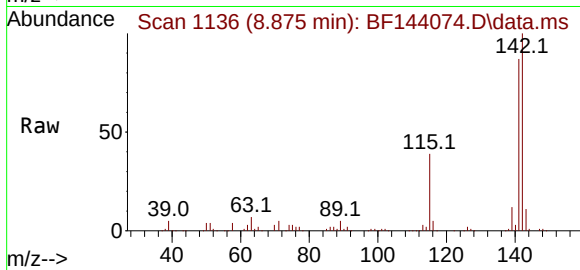




#37  
2-Methylnaphthalene  
Concen: 42.699 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

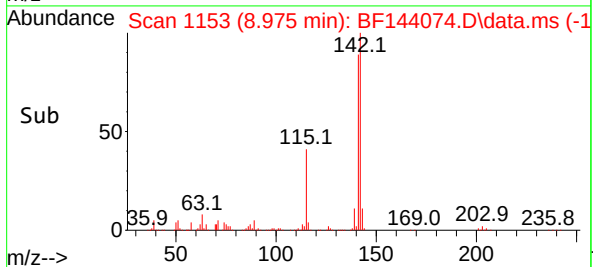
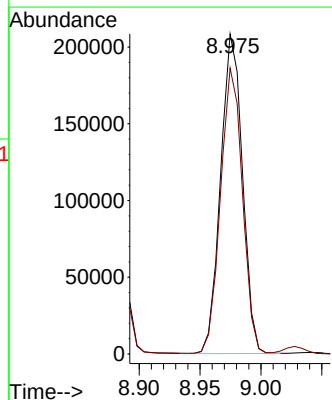
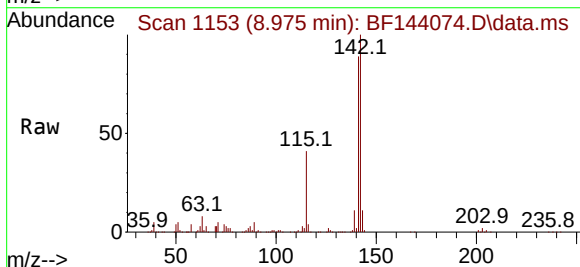
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

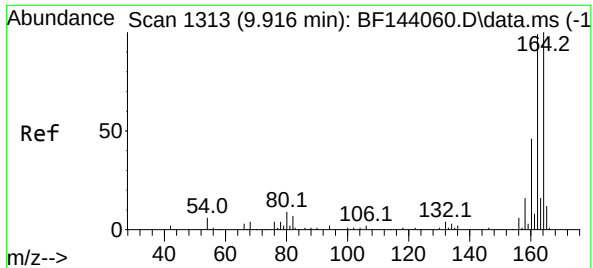
Tgt Ion:142 Resp: 271332  
Ion Ratio Lower Upper  
142 100  
141 87.3 67.6 101.4



#38  
1-Methylnaphthalene  
Concen: 43.152 ng  
RT: 8.975 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:142 Resp: 259791  
Ion Ratio Lower Upper  
142 100  
141 89.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

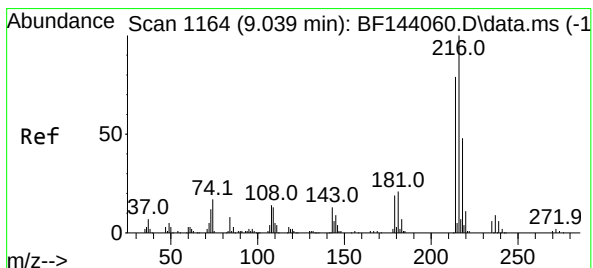
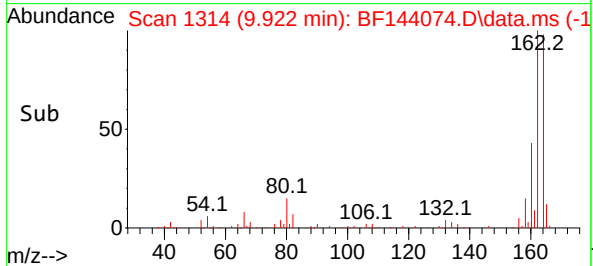
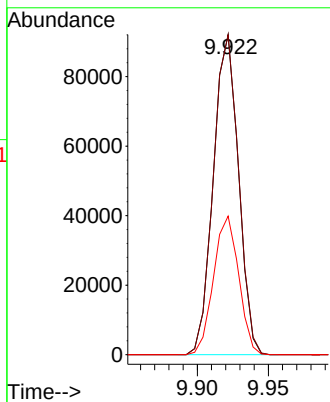
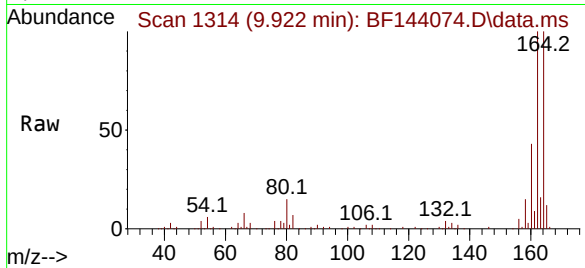
Tgt Ion:164 Resp: 113226

Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 43.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.440 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion:216 Resp: 161259

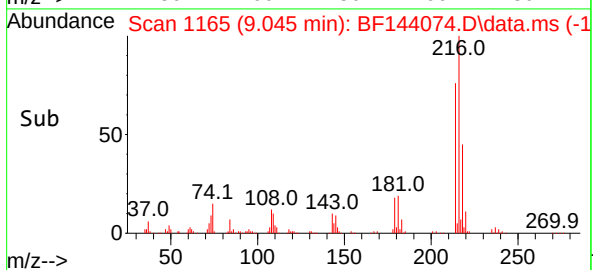
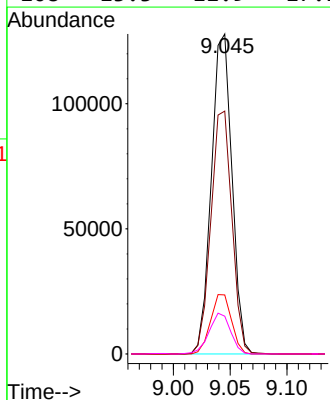
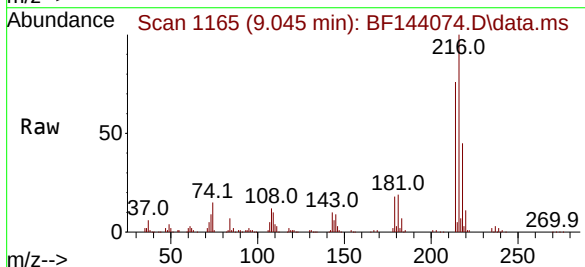
Ion Ratio Lower Upper

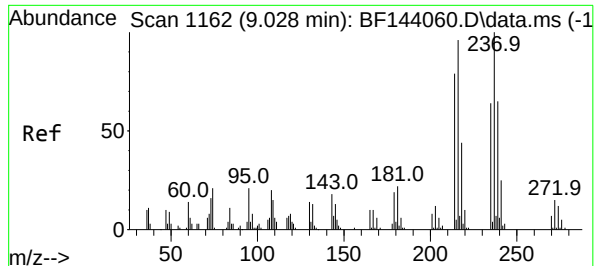
216 100

214 77.5 63.2 94.8

179 18.8 15.2 22.8

108 13.3 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 43.878 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

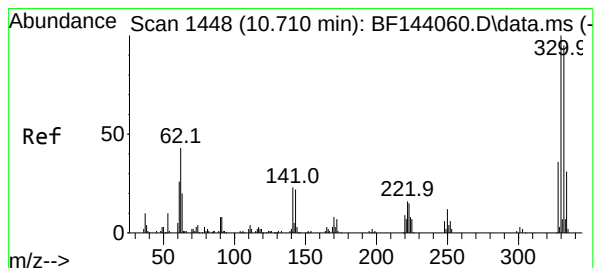
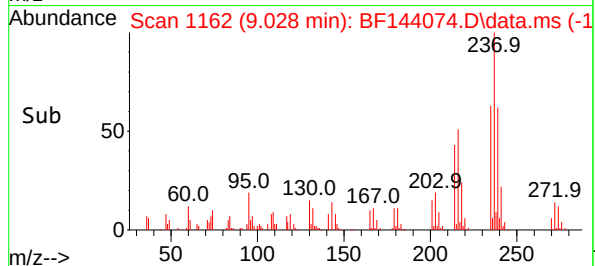
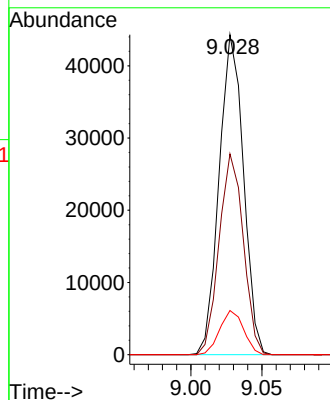
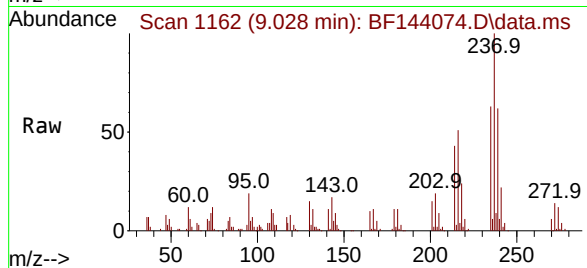
Tgt Ion:237 Resp: 52737

Ion Ratio Lower Upper

237 100

235 62.7 44.3 84.3

272 13.8 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 84.893 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

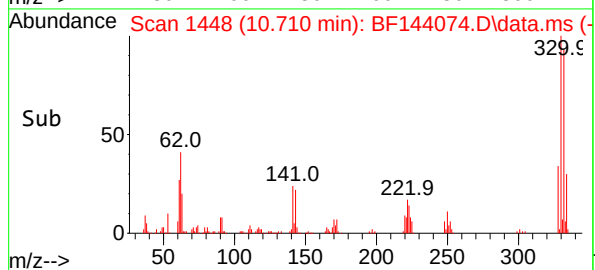
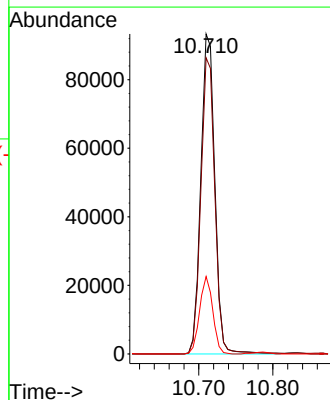
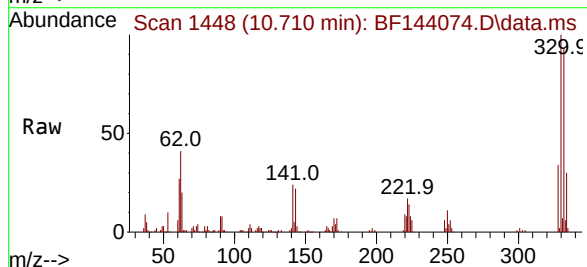
Tgt Ion:330 Resp: 122439

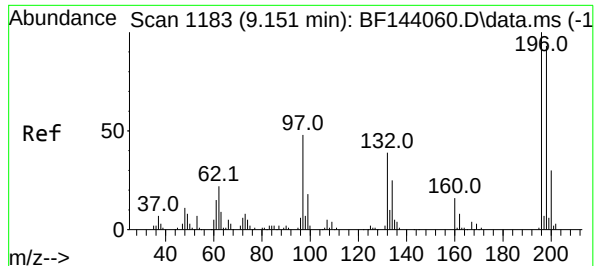
Ion Ratio Lower Upper

330 100

332 92.6 77.0 115.6

141 22.7 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 40.949 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

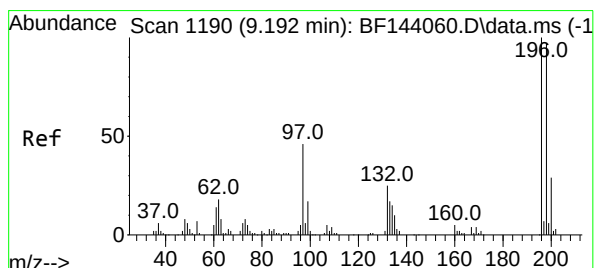
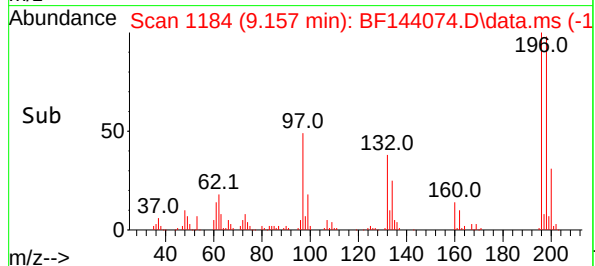
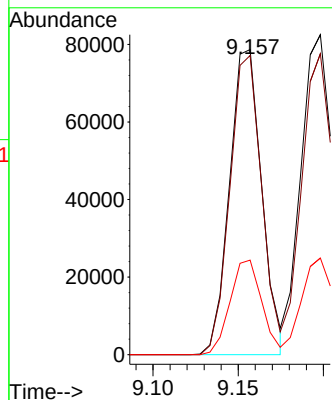
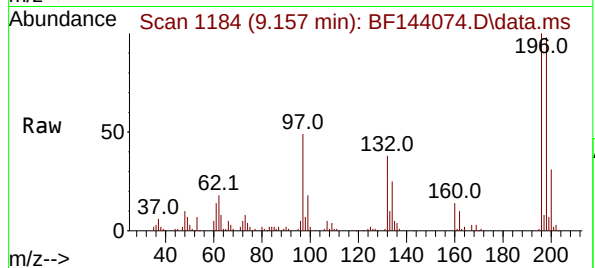
Tgt Ion:196 Resp: 103575

Ion Ratio Lower Upper

196 100

198 98.0 74.4 111.6

200 31.0 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 42.599 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion:196 Resp: 113082

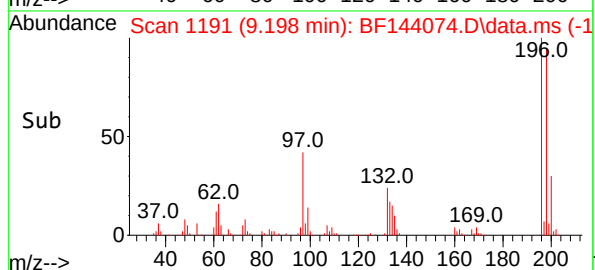
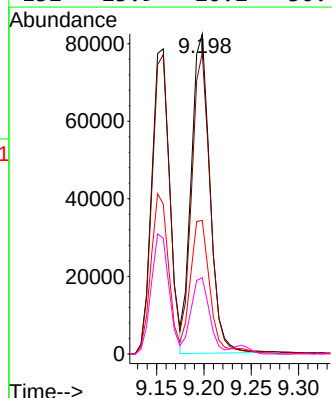
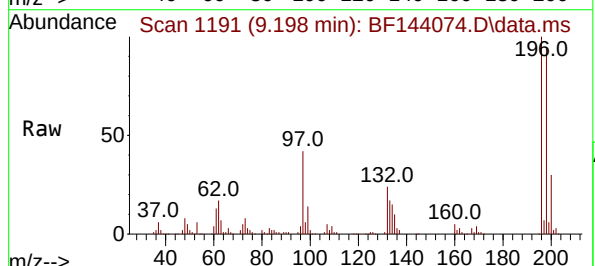
Ion Ratio Lower Upper

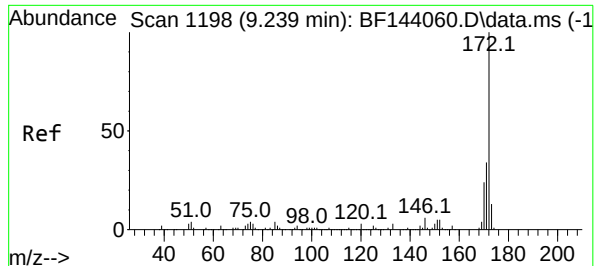
196 100

198 94.1 78.0 117.0

97 41.7 37.7 56.5

132 23.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 79.903 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

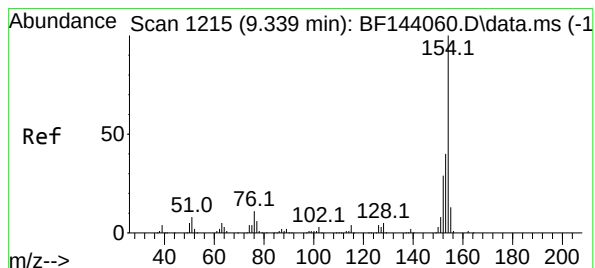
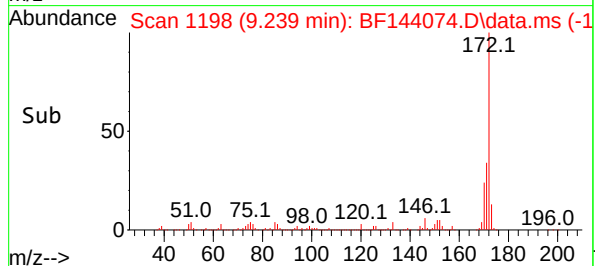
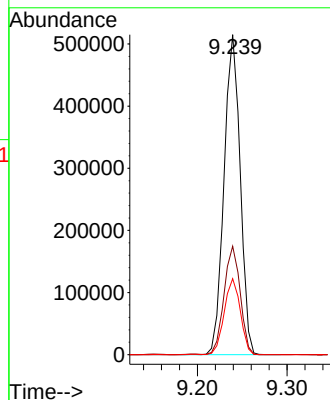
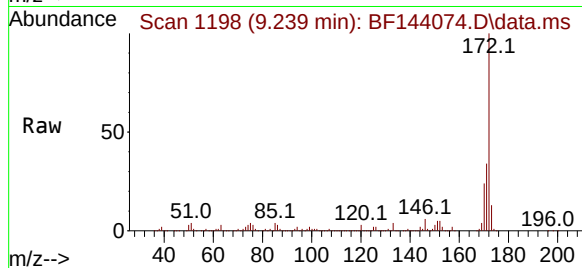
Tgt Ion:172 Resp: 642905

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.027 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

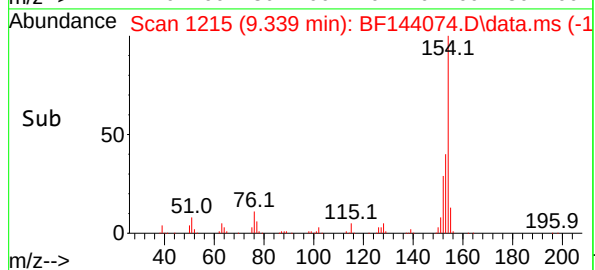
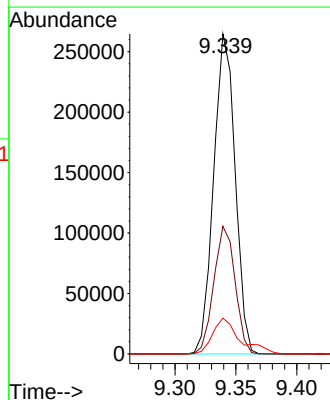
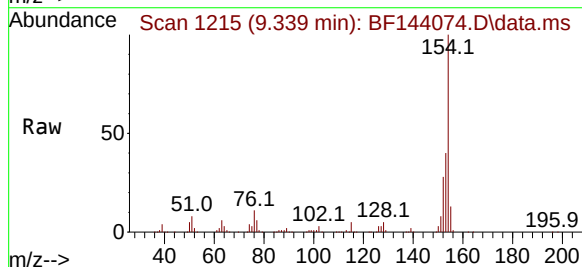
Tgt Ion:154 Resp: 324424

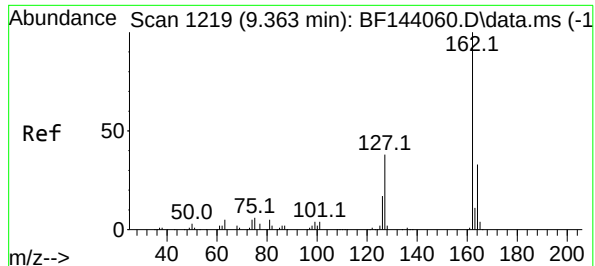
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.869 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

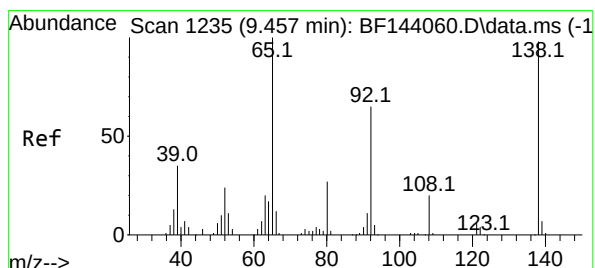
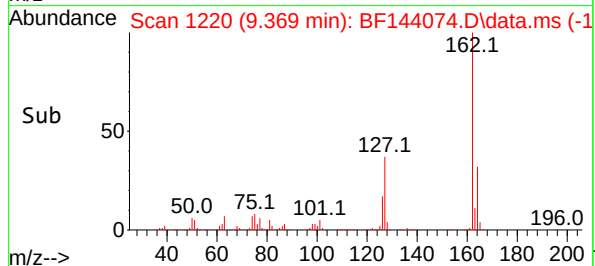
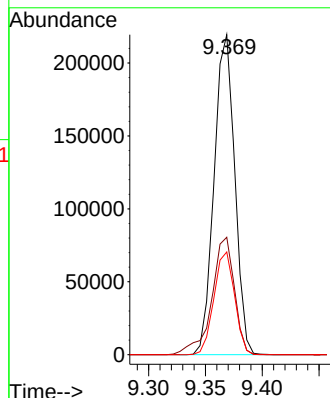
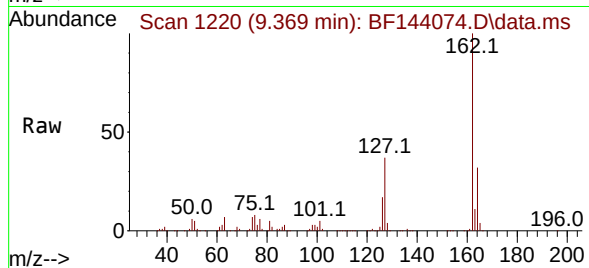
Tgt Ion:162 Resp: 277516

Ion Ratio Lower Upper

162 100

127 36.7 31.6 47.4

164 32.1 26.5 39.7



#48

2-Nitroaniline

Concen: 43.173 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

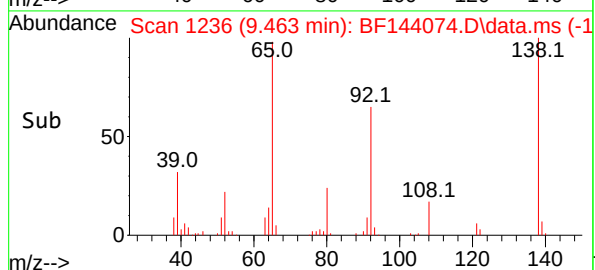
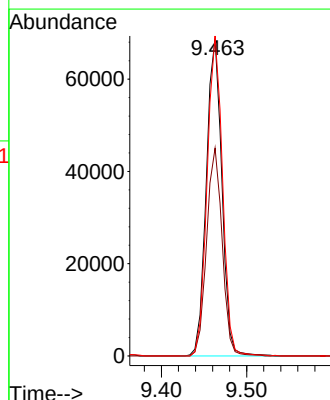
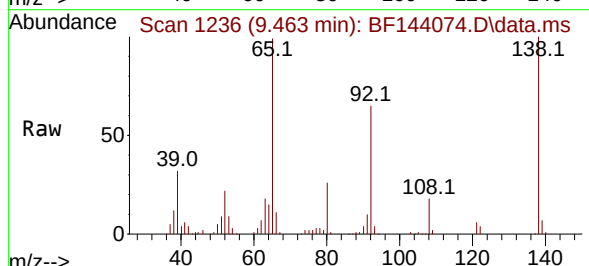
Tgt Ion: 65 Resp: 87054

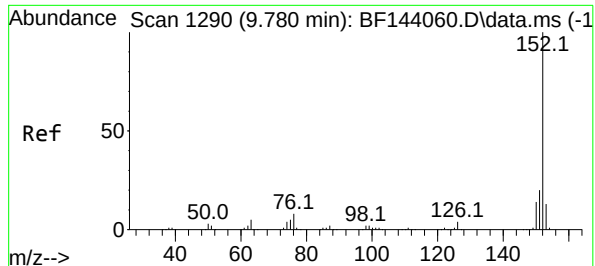
Ion Ratio Lower Upper

65 100

92 65.5 52.3 78.5

138 100.8 78.3 117.5





#49

Acenaphthylene

Concen: 40.908 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

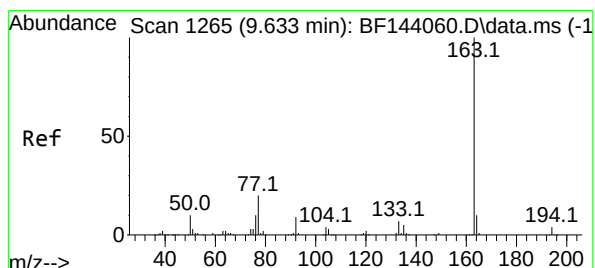
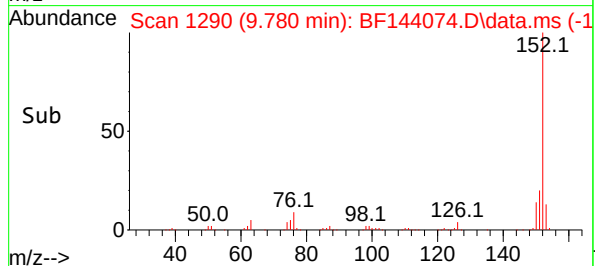
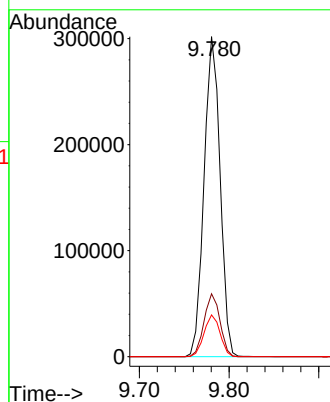
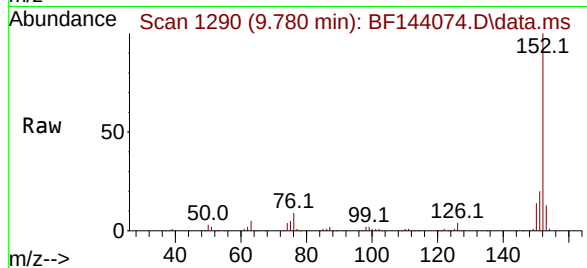
Tgt Ion:152 Resp: 374544

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.020 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

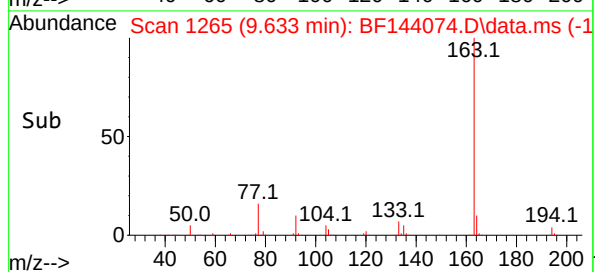
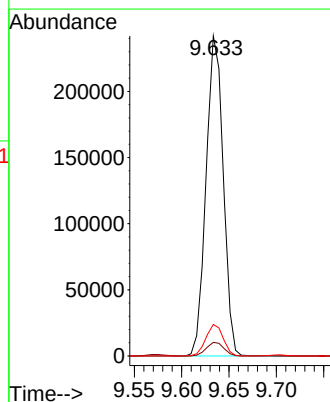
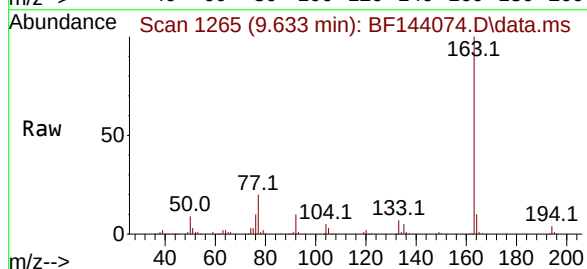
Tgt Ion:163 Resp: 304442

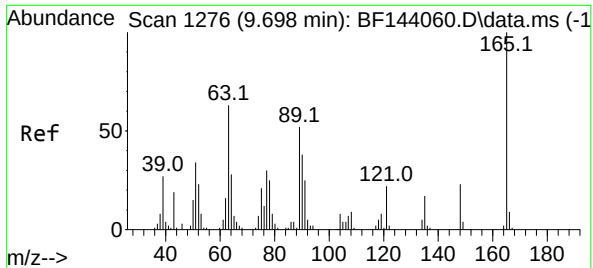
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 7.8 11.8

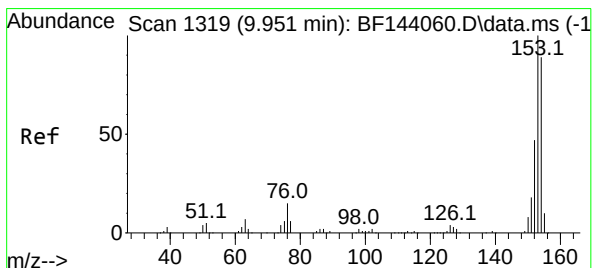
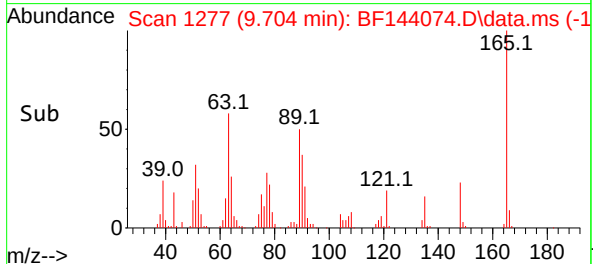
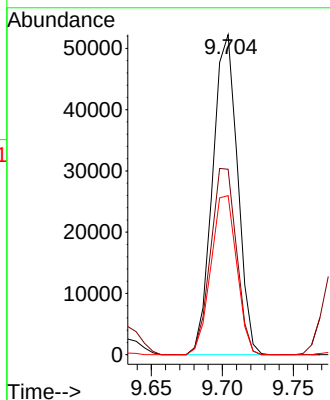
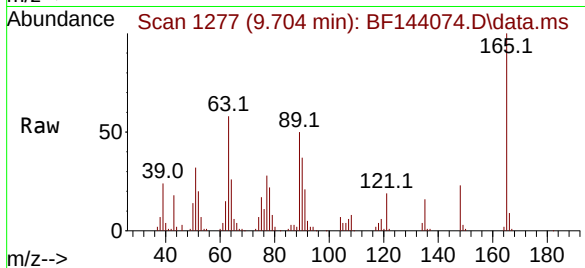




#51  
2,6-Dinitrotoluene  
Concen: 43.531 ng  
RT: 9.704 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

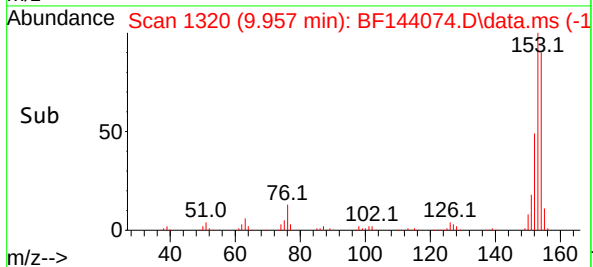
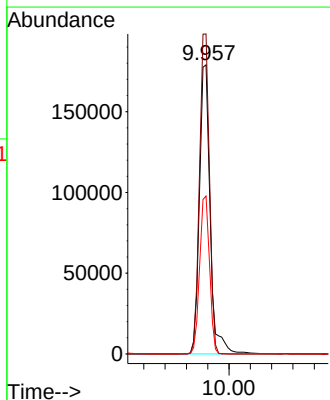
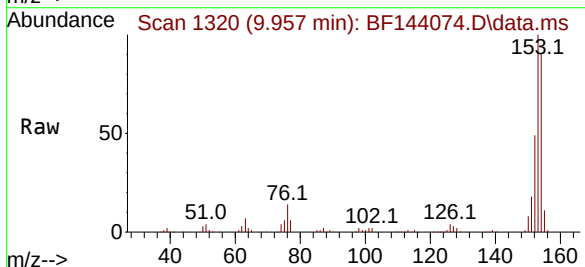
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 63869  
Ion Ratio Lower Upper  
165 100  
63 58.0 50.4 75.6  
89 49.7 41.4 62.2

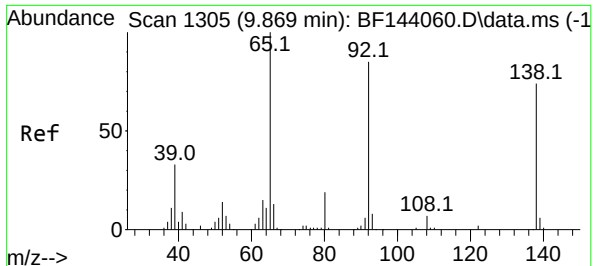


#52  
Acenaphthene  
Concen: 40.938 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:154 Resp: 250322  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.9 134.9  
152 54.6 42.0 63.0



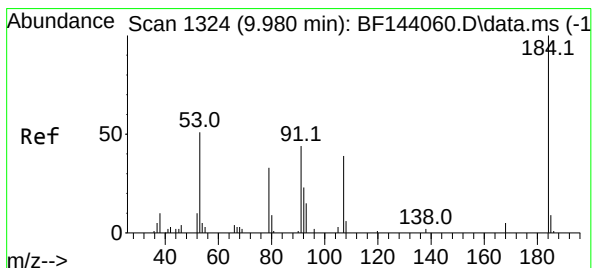
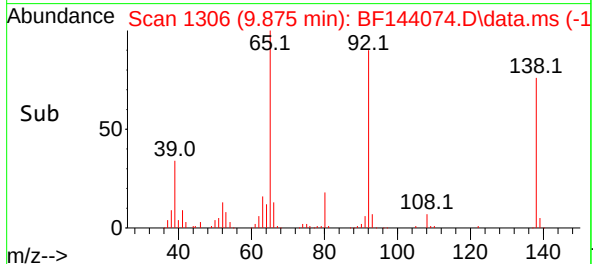
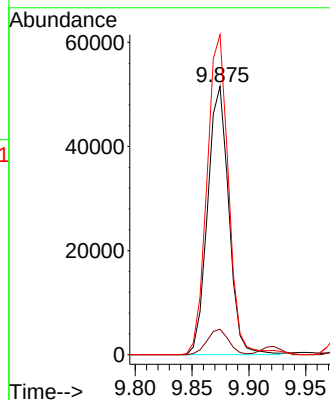
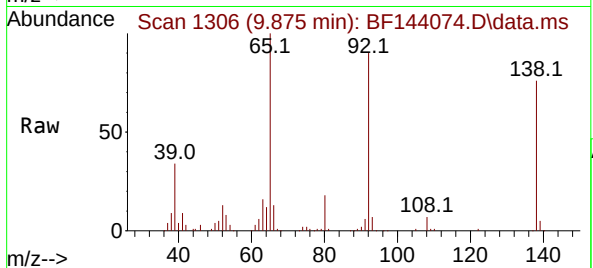




#53  
3-Nitroaniline  
Concen: 41.061 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

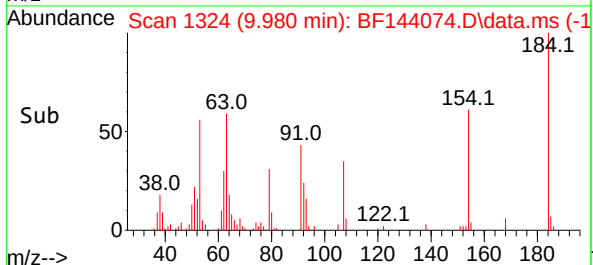
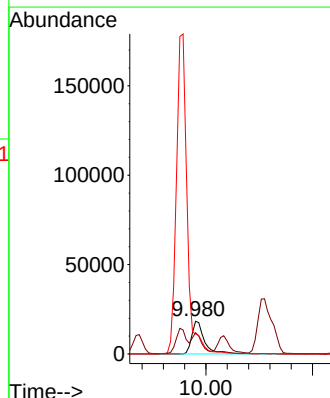
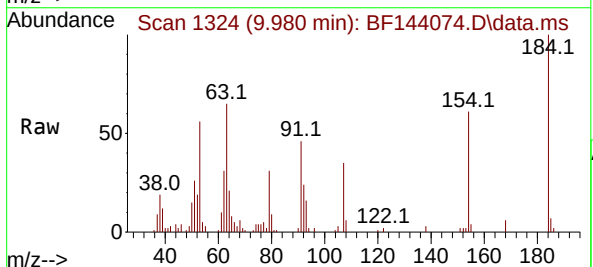
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

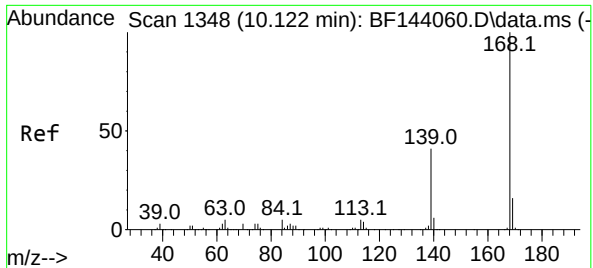
Tgt Ion:138 Resp: 66981  
Ion Ratio Lower Upper  
138 100  
108 9.5 7.9 11.9  
92 119.3 92.0 138.0



#54  
2,4-Dinitrophenol  
Concen: 38.960 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:184 Resp: 30917  
Ion Ratio Lower Upper  
184 100  
63 65.0 52.1 78.1  
154 61.3 47.9 71.9





#55

Dibenzenofuran

Concen: 41.318 ng

RT: 10.127 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

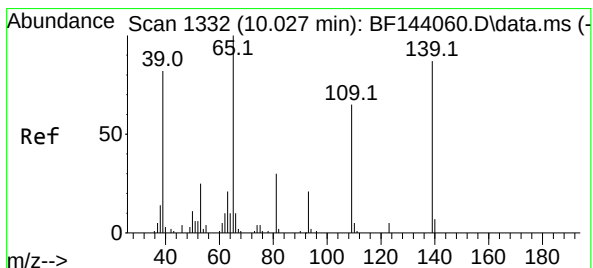
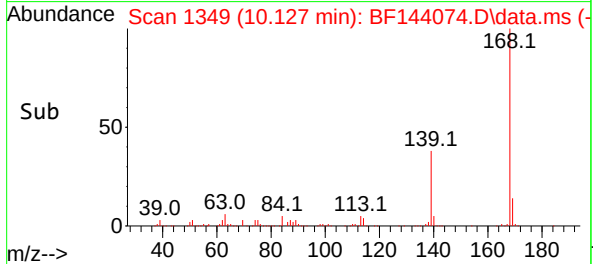
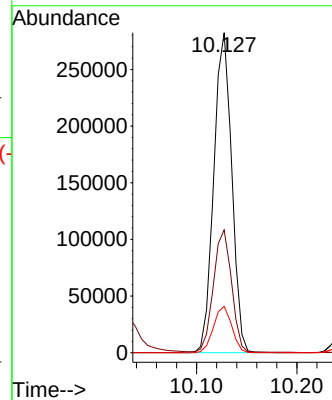
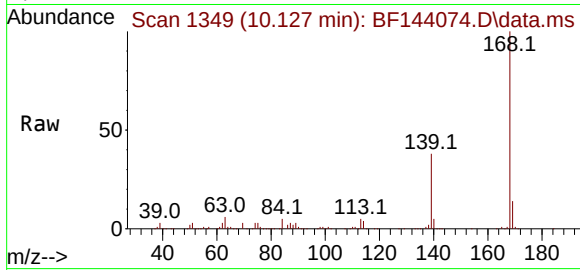
Tgt Ion:168 Resp: 350742

Ion Ratio Lower Upper

168 100

139 38.4 33.2 49.8

169 14.4 12.6 19.0



#56

4-Nitrophenol

Concen: 41.527 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

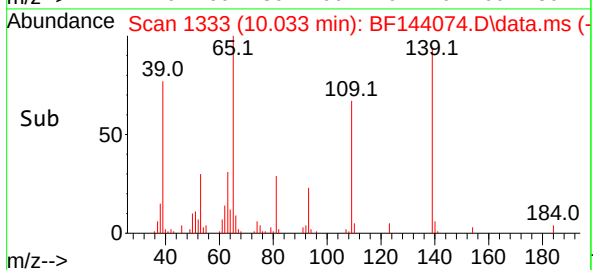
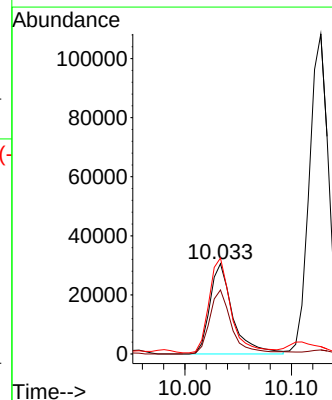
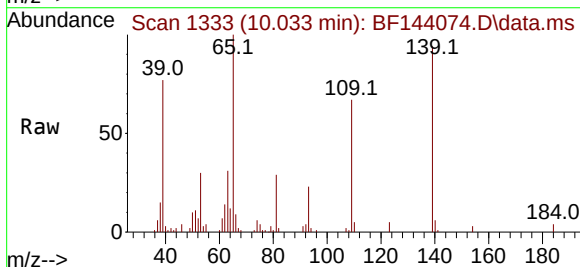
Tgt Ion:139 Resp: 45872

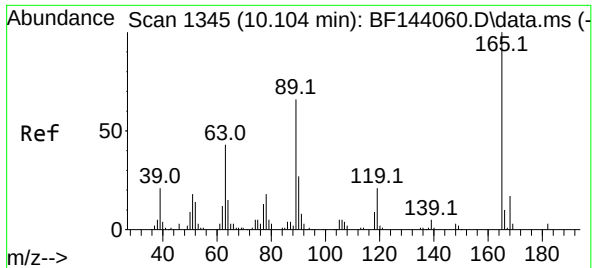
Ion Ratio Lower Upper

139 100

109 70.8 53.8 93.8

65 106.4 95.9 135.9

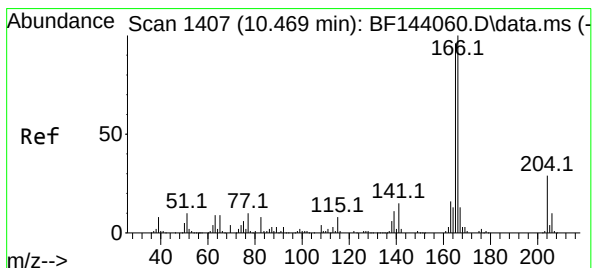
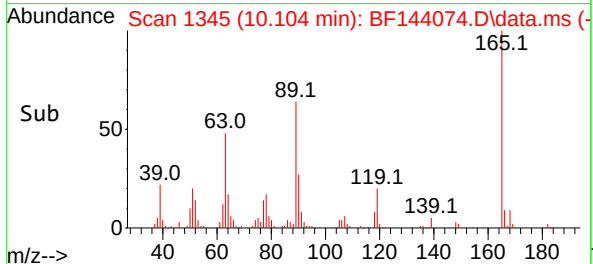
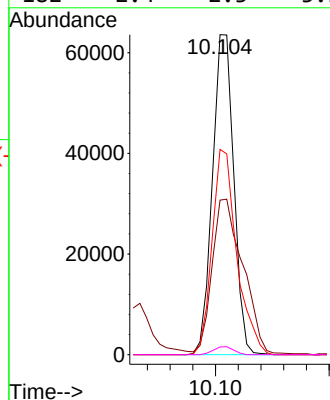
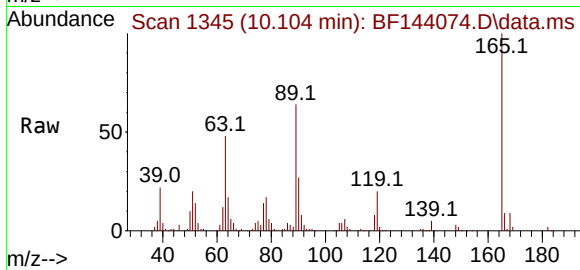




#57  
2,4-Dinitrotoluene  
Concen: 41.918 ng  
RT: 10.104 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

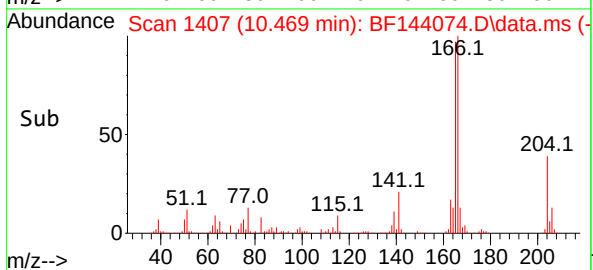
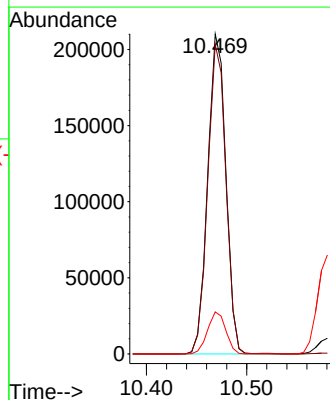
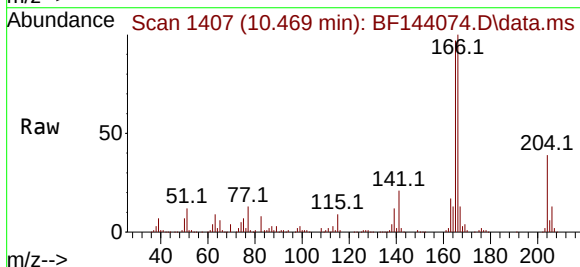
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

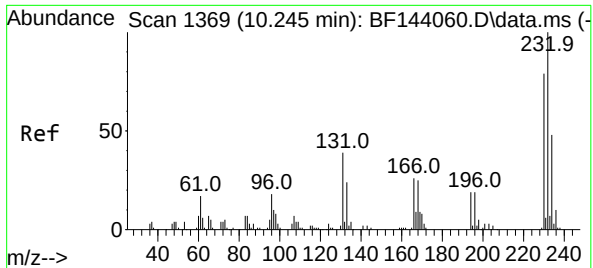
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 83007     |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 48.3  | 35.4 53.2 |
| 89          | 64.2  | 52.7 79.1 |
| 182         | 2.4   | 2.3 3.5   |



#58  
Fluorene  
Concen: 40.866 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 264329     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 96.7  | 77.0 115.4 |
| 167         | 13.1  | 10.2 15.4  |

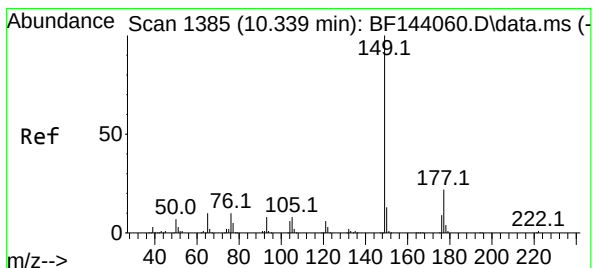
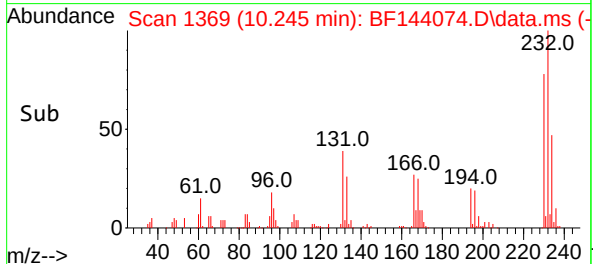
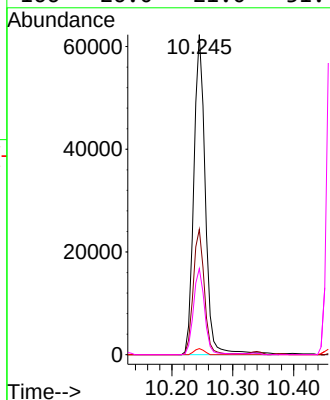
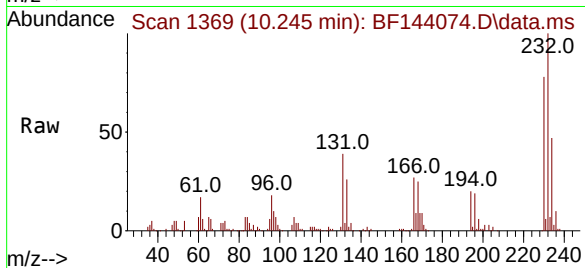




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.817 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

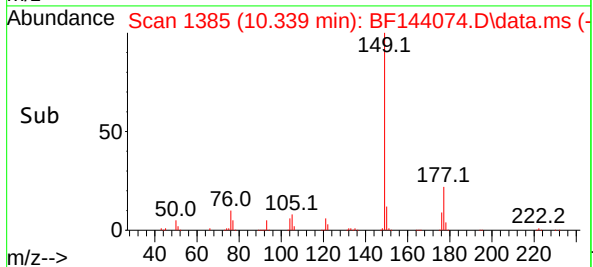
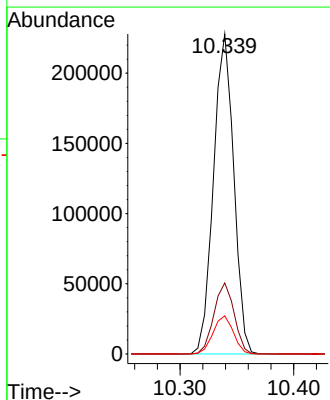
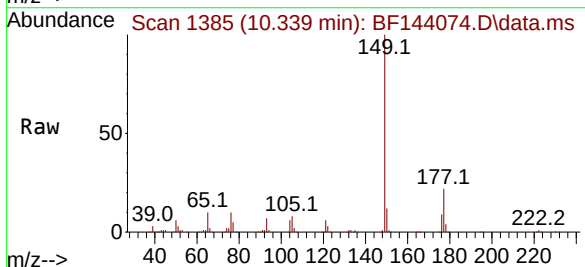
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

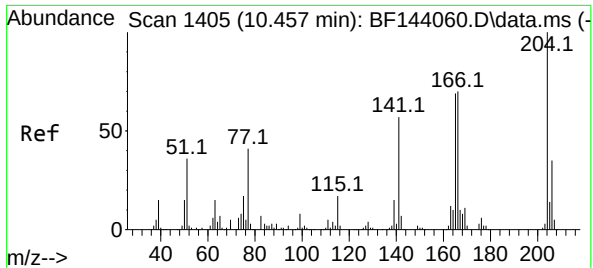
Tgt Ion:232 Resp: 81964  
Ion Ratio Lower Upper  
232 100  
131 37.7 31.9 47.9  
130 1.6 1.1 1.7  
166 26.0 21.0 31.4



#60  
Diethylphthalate  
Concen: 40.457 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 282370  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.8 26.6  
150 11.9 10.1 15.1

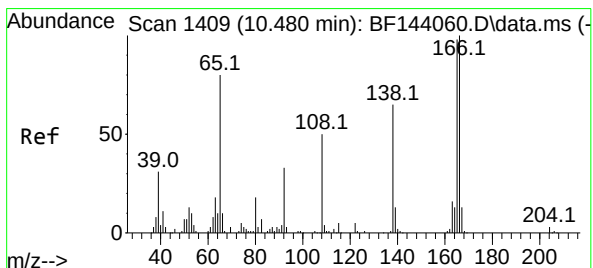
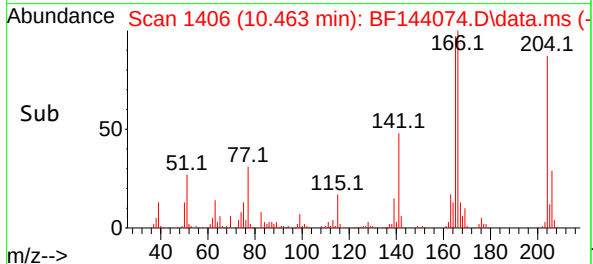
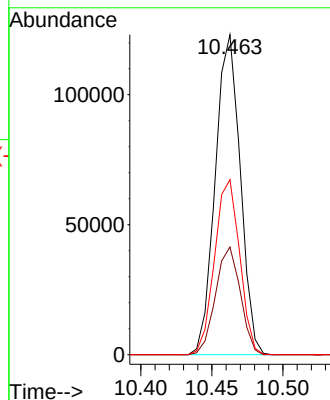
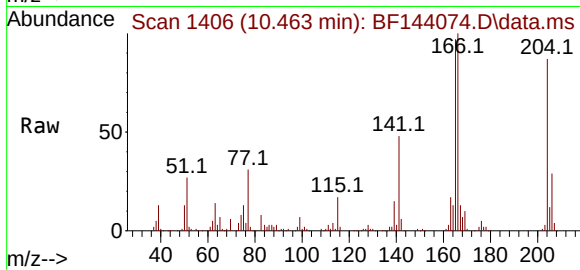




#61  
4-Chlorophenyl-phenylether  
Concen: 41.424 ng  
RT: 10.463 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

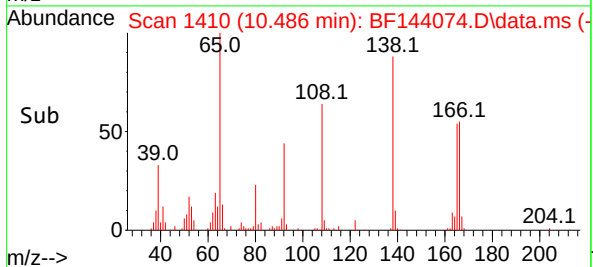
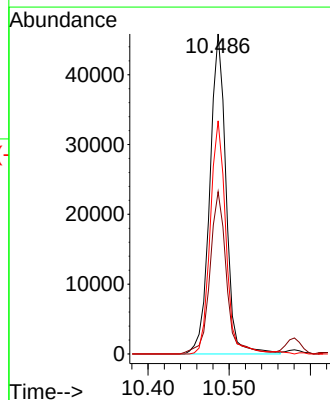
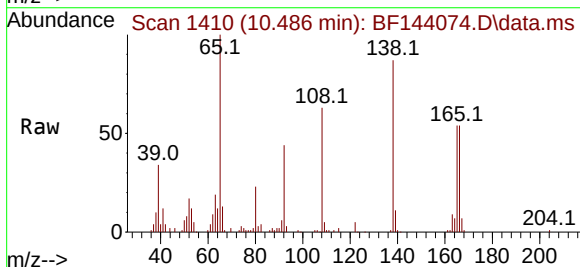
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

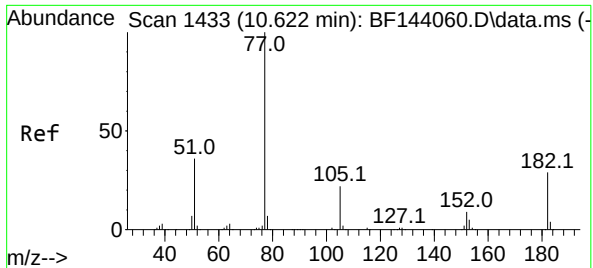
Tgt Ion:204 Resp: 150675  
Ion Ratio Lower Upper  
204 100  
206 33.6 27.8 41.6  
141 54.7 45.4 68.2



#62  
4-Nitroaniline  
Concen: 41.182 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:138 Resp: 63652  
Ion Ratio Lower Upper  
138 100  
92 50.7 30.5 70.5  
108 72.8 56.2 96.2

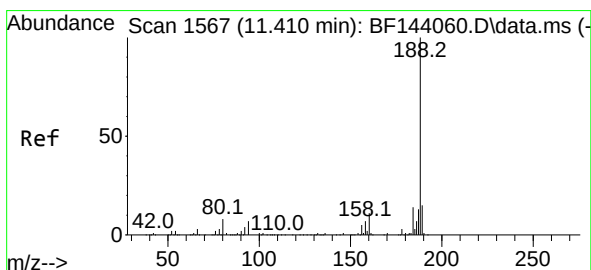
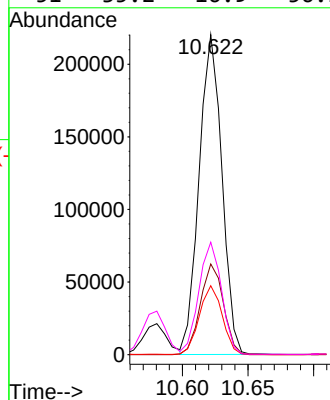
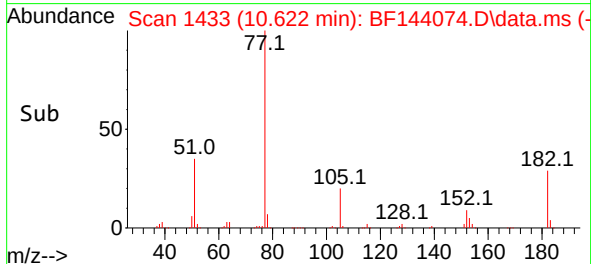
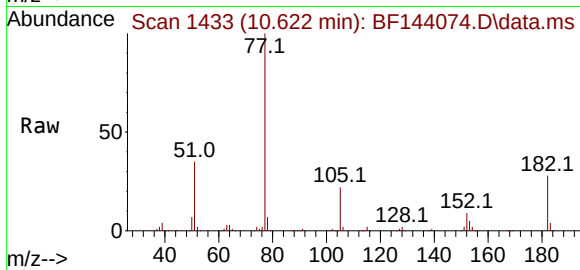




#63  
Azobenzene  
Concen: 40.465 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

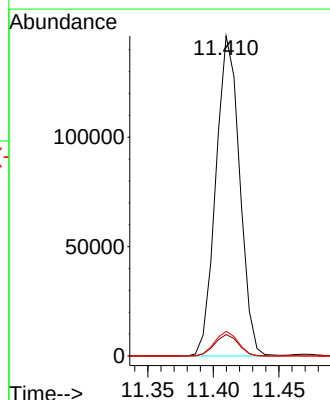
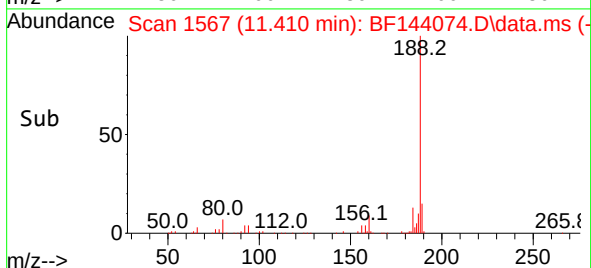
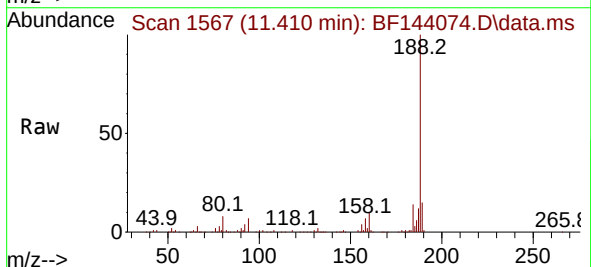
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

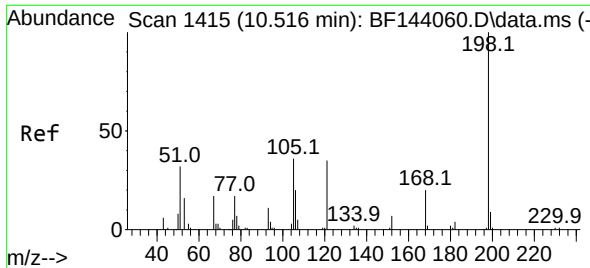
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 267316 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 28.3    | 9.0 49.0     |
| 105 21.5    | 1.4 41.4     |
| 51 35.2     | 16.9 56.9    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 184414 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.7      | 5.4 8.0      |
| 80 7.7      | 6.0 9.0      |

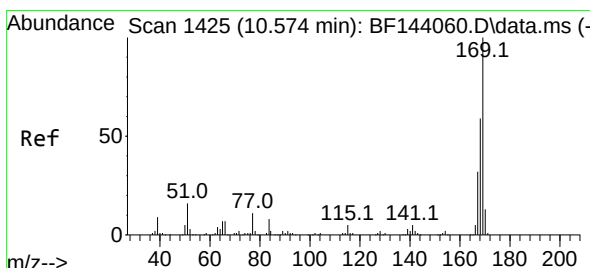
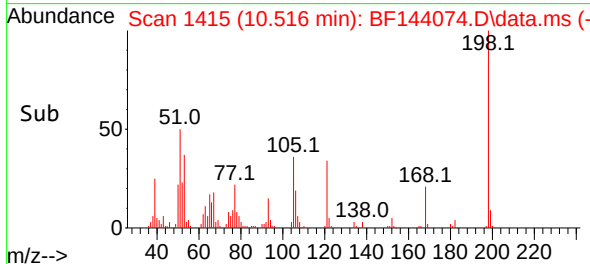
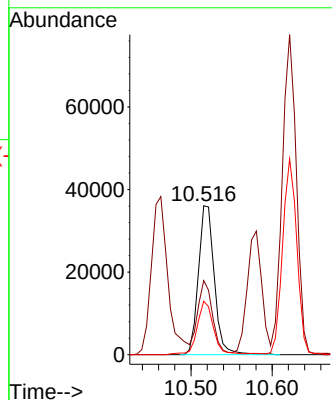
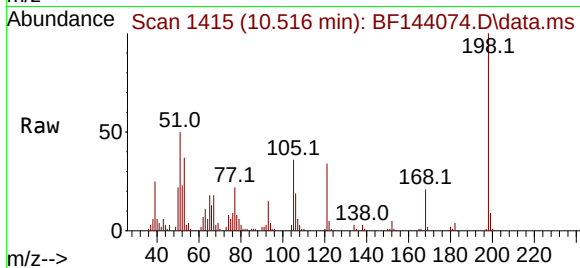




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.715 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

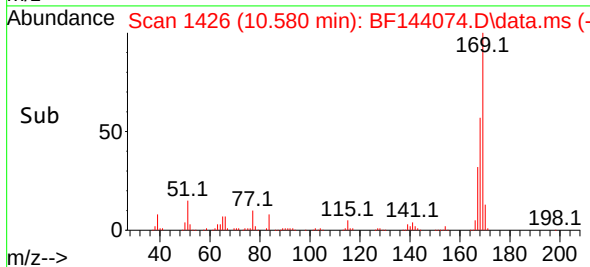
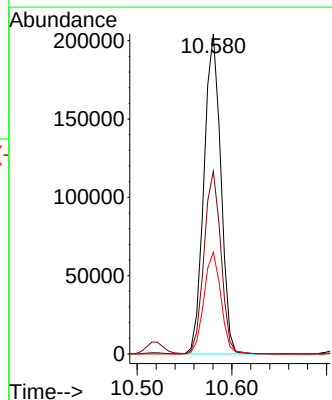
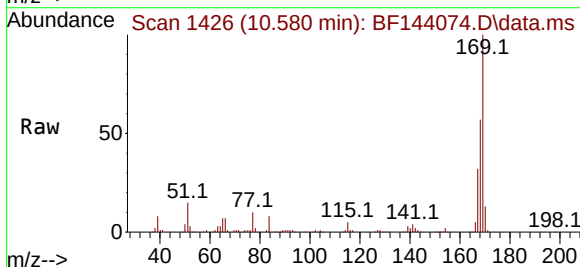
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

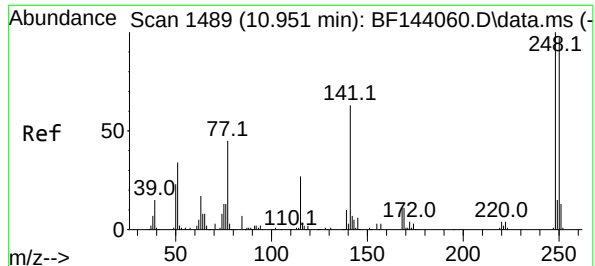
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 49.8  | 25.8  | 65.8  |
| 105     | 35.9  | 17.2  | 57.2  |



#66  
n-Nitrosodiphenylamine  
Concen: 42.907 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 57.2  | 47.4  | 71.2  |
| 167     | 31.8  | 25.5  | 38.3  |

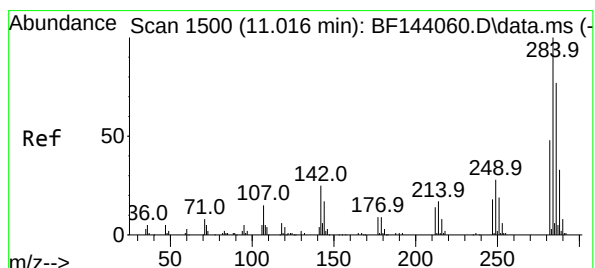
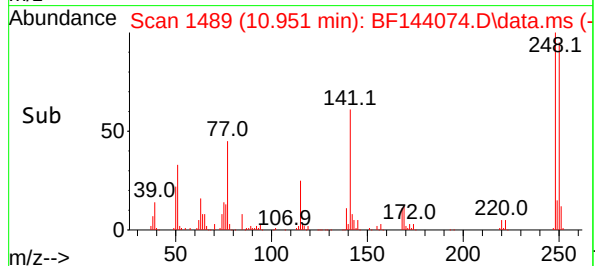
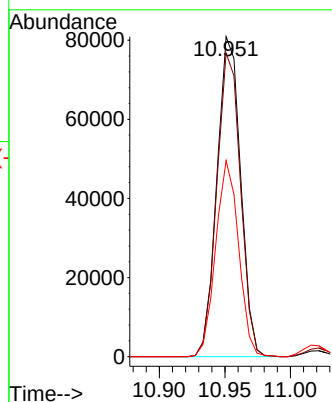
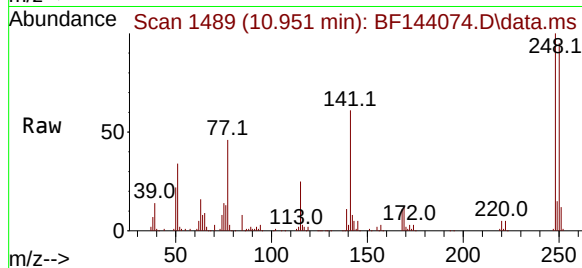




#67  
4-Bromophenyl-phenylether  
Concen: 43.947 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

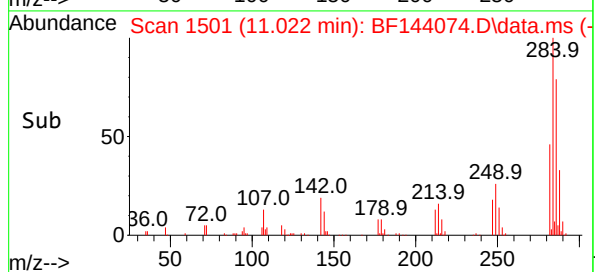
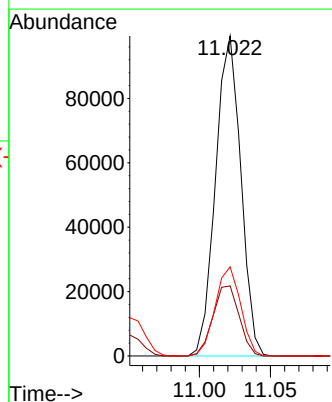
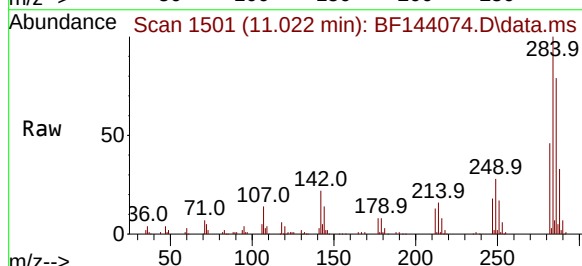
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 101473  
Ion Ratio Lower Upper  
248 100  
250 94.9 77.8 116.6  
141 61.3 50.5 75.7

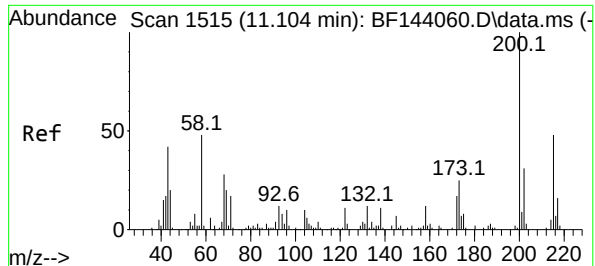


#68  
Hexachlorobenzene  
Concen: 43.436 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:284 Resp: 123002  
Ion Ratio Lower Upper  
284 100  
142 21.9 20.0 30.0  
249 27.8 22.2 33.2







#69

Atrazine

Concen: 38.475 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

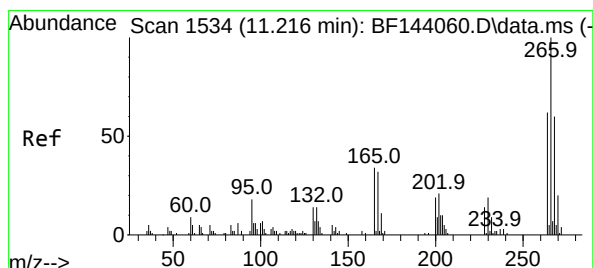
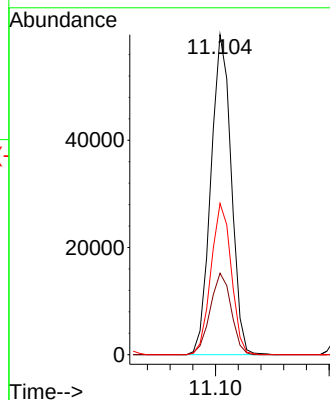
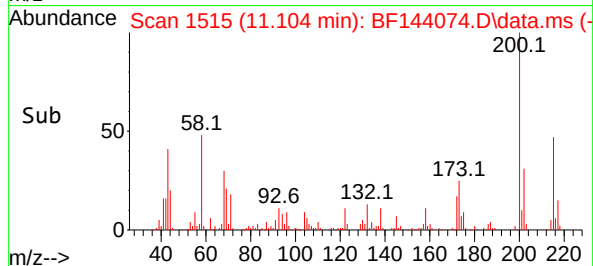
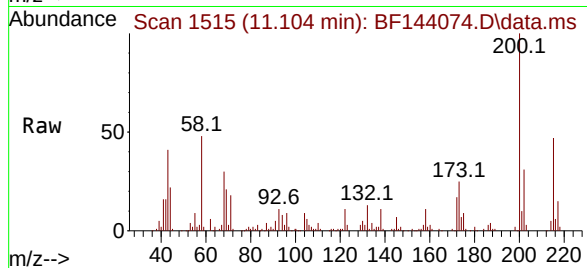
Tgt Ion:200 Resp: 74391

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 43.784 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

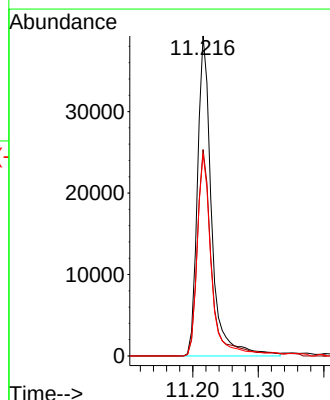
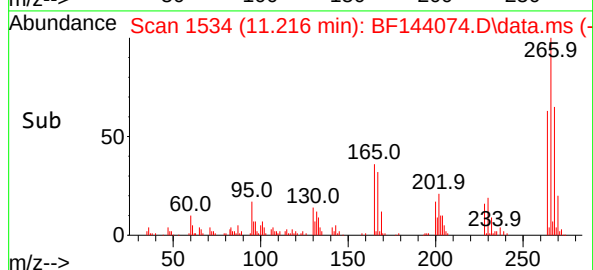
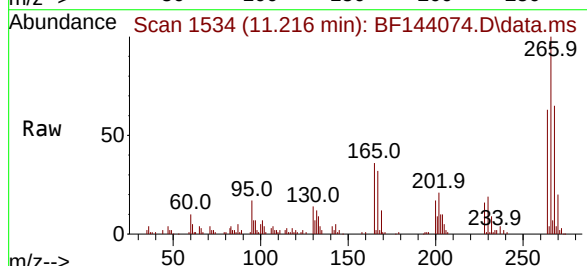
Tgt Ion:266 Resp: 59017

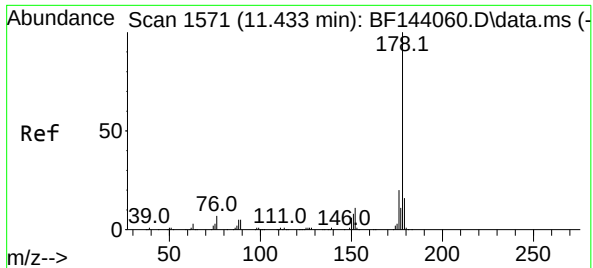
Ion Ratio Lower Upper

266 100

268 64.5 48.2 72.4

264 63.2 49.4 74.0

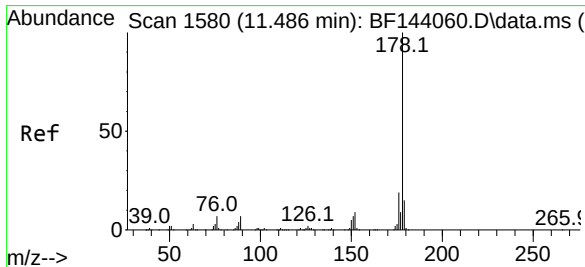
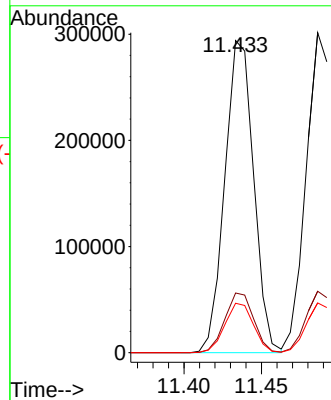
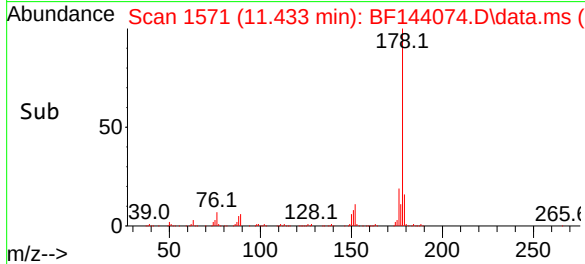
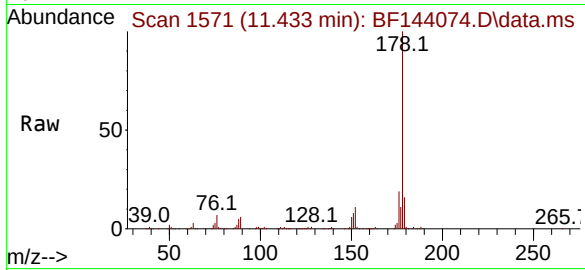




#71  
Phenanthrene  
Concen: 41.610 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

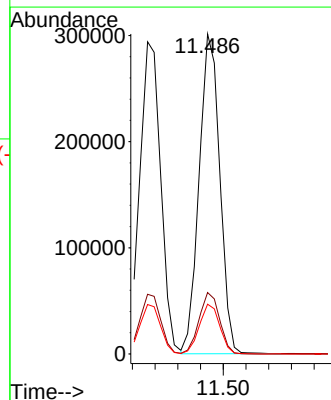
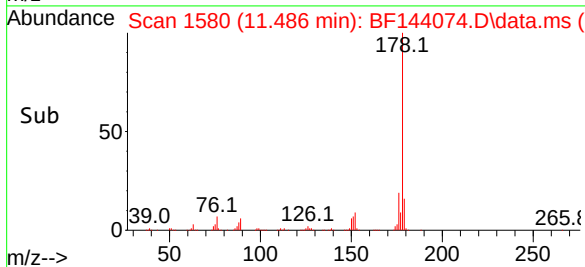
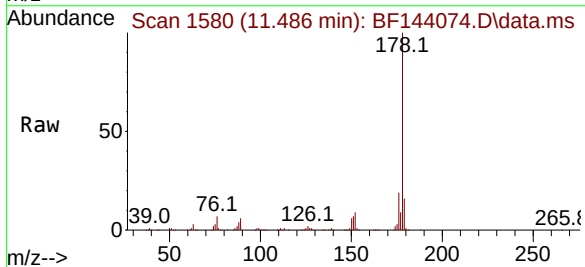
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

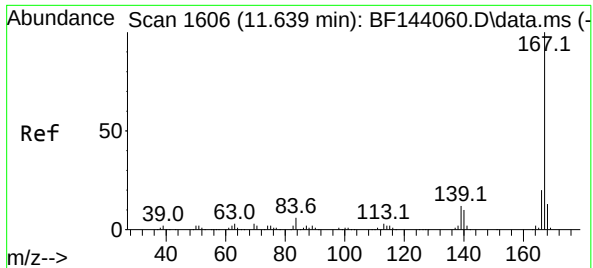
Tgt Ion:178 Resp: 381184  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.3 24.5  
179 15.8 12.6 18.8



#72  
Anthracene  
Concen: 40.239 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:178 Resp: 380792  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.0 22.4  
179 15.6 11.8 17.6

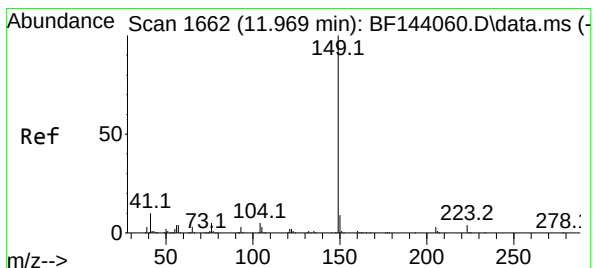
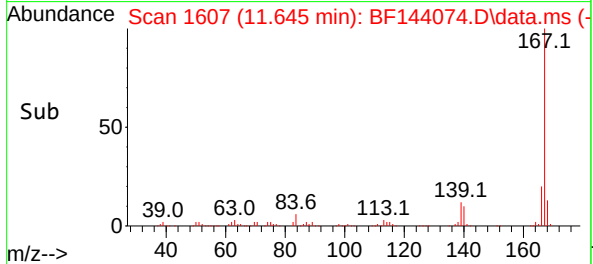
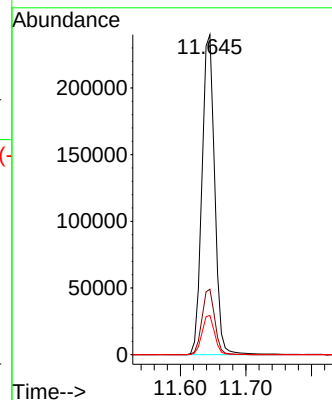
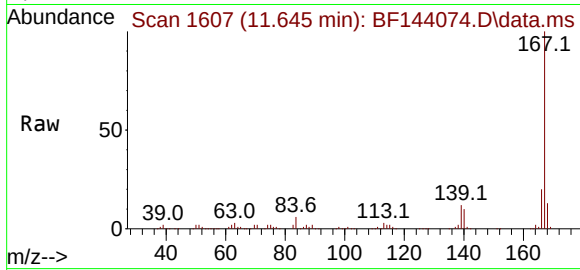




#73  
 Carbazole  
 Concen: 40.288 ng  
 RT: 11.645 min Scan# 1607  
 Delta R.T. 0.006 min  
 Lab File: BF144074.D  
 Acq: 27 Oct 2025 10:27

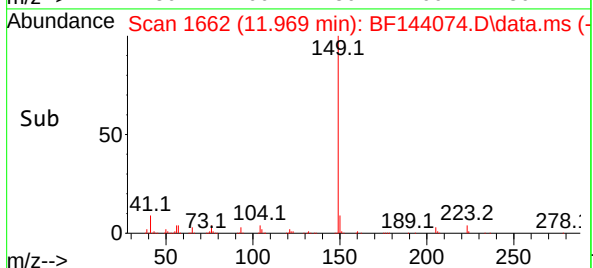
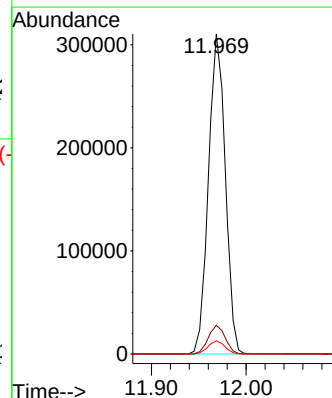
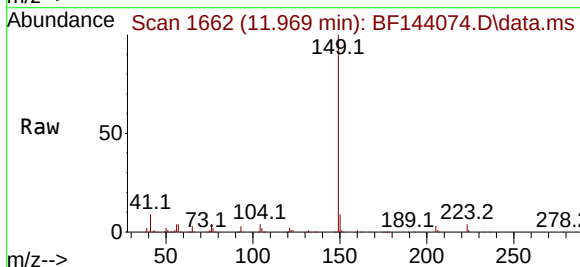
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

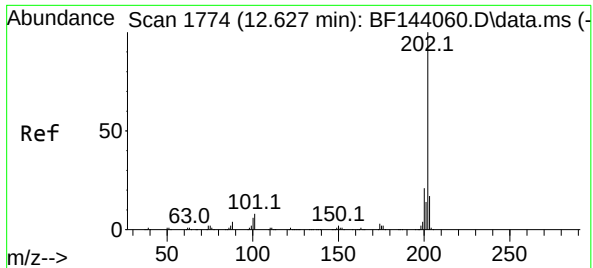
Tgt Ion:167 Resp: 324513  
 Ion Ratio Lower Upper  
 167 100  
 166 20.5 16.1 24.1  
 139 12.2 9.8 14.6



#74  
 Di-n-butylphthalate  
 Concen: 38.793 ng  
 RT: 11.969 min Scan# 1662  
 Delta R.T. 0.000 min  
 Lab File: BF144074.D  
 Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 383099  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.3 10.9  
 104 4.1 3.6 5.4

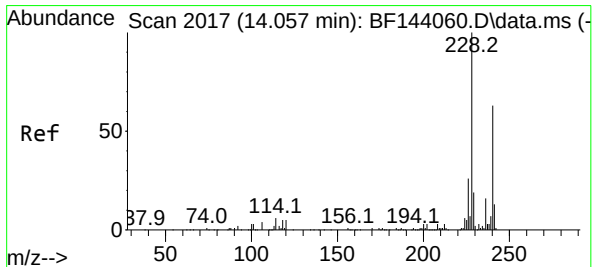
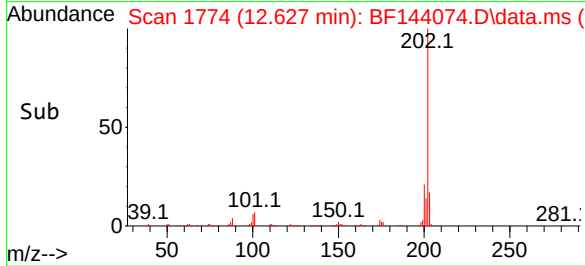
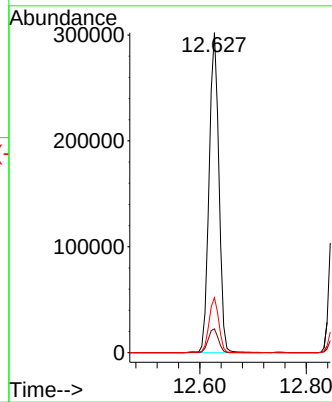
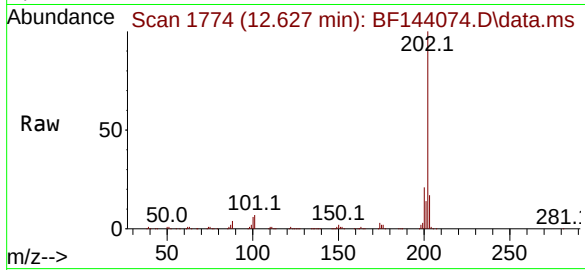




#75  
Fluoranthene  
Concen: 37.938 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

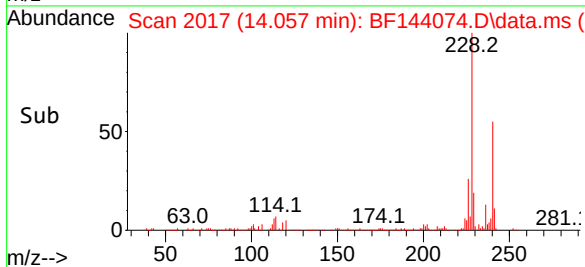
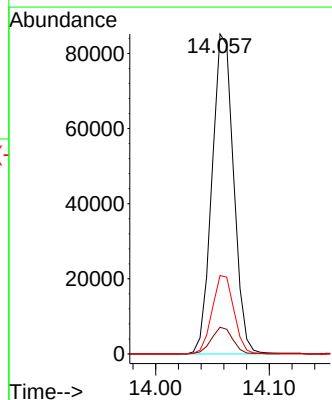
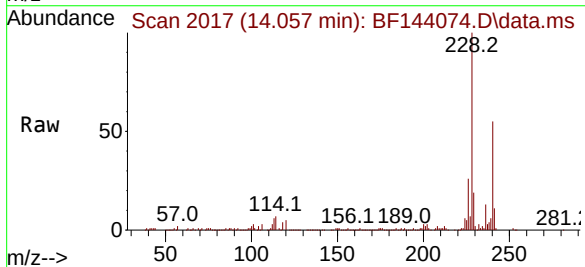
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

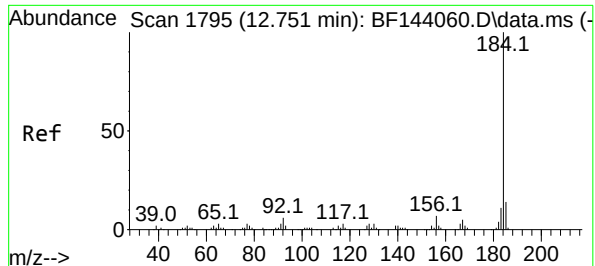
Tgt Ion:202 Resp: 383968  
Ion Ratio Lower Upper  
202 100  
101 7.5 0.0 27.7  
203 17.2 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:240 Resp: 112717  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.5 9.7  
236 24.5 20.1 30.1





#77

Benzidine

Concen: 41.457 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

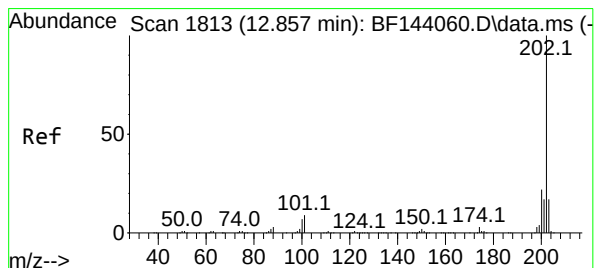
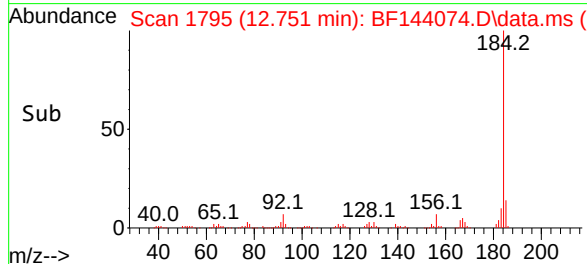
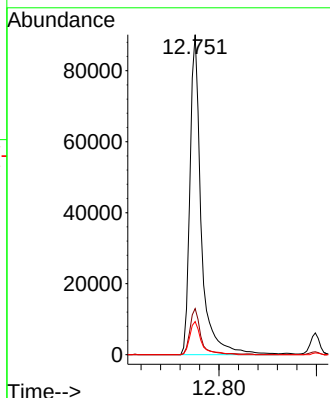
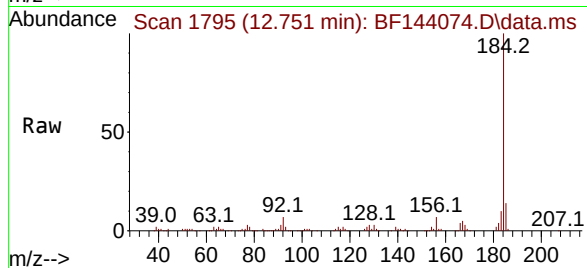
Tgt Ion:184 Resp: 145430

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.3 8.5 12.7



#78

Pyrene

Concen: 46.872 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

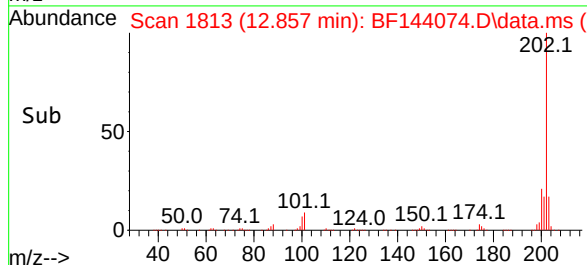
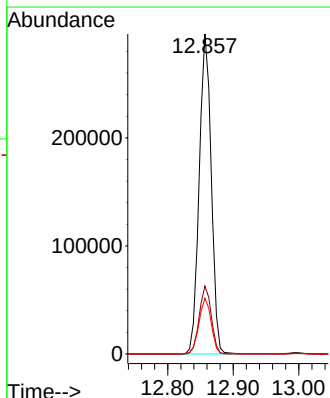
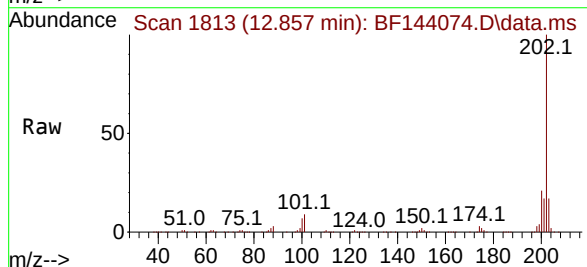
Tgt Ion:202 Resp: 379834

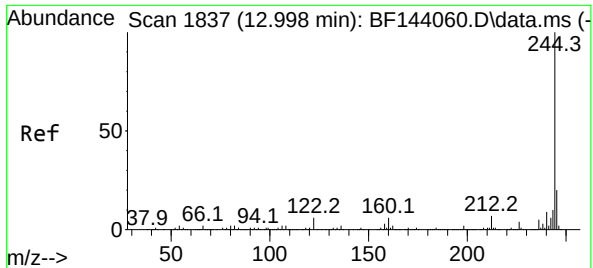
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 91.306 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

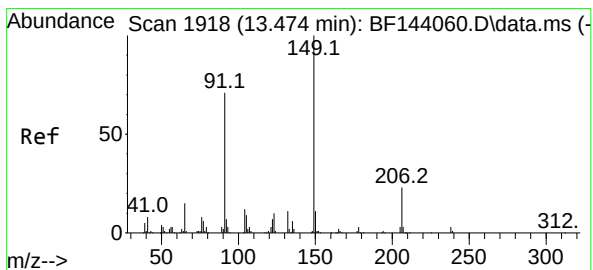
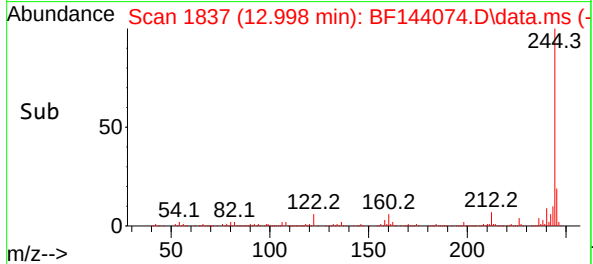
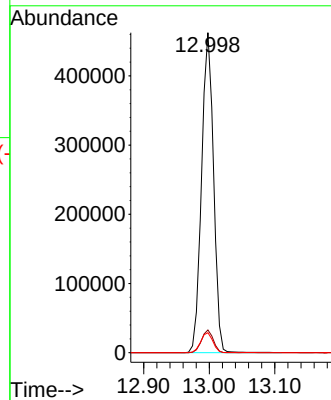
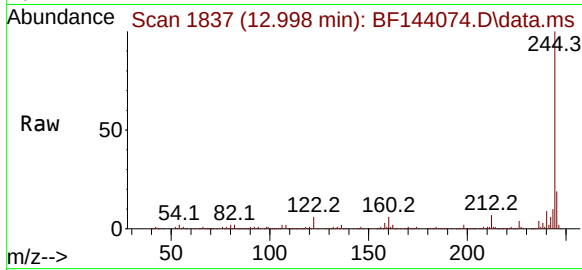
Tgt Ion:244 Resp: 588700

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 6.2 4.9 7.3



#80

Butylbenzylphthalate

Concen: 40.484 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

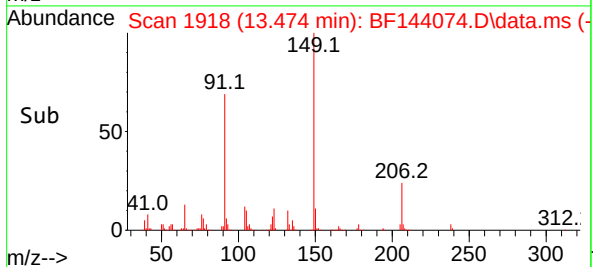
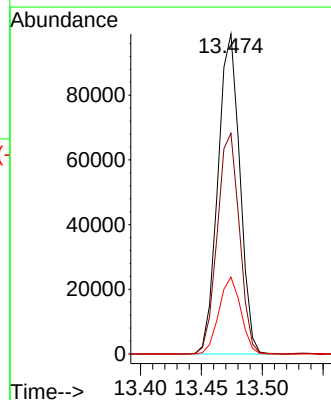
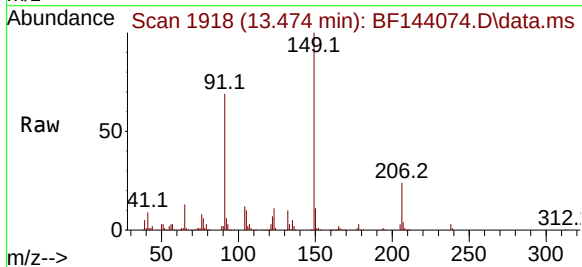
Tgt Ion:149 Resp: 124111

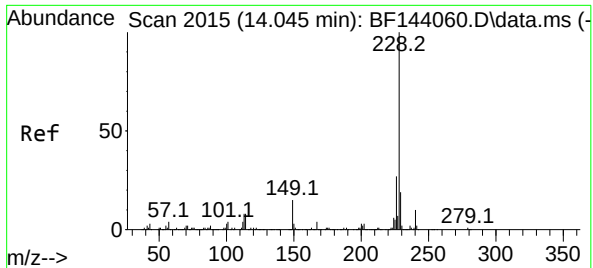
Ion Ratio Lower Upper

149 100

91 68.9 56.6 84.8

206 24.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 43.272 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

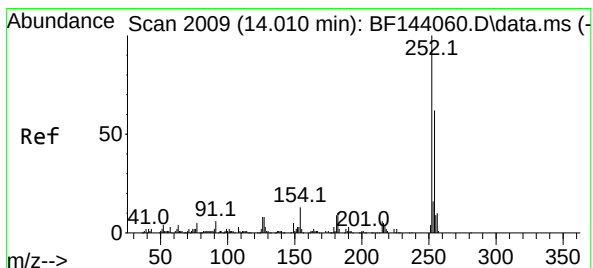
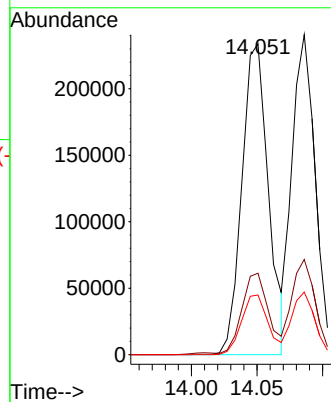
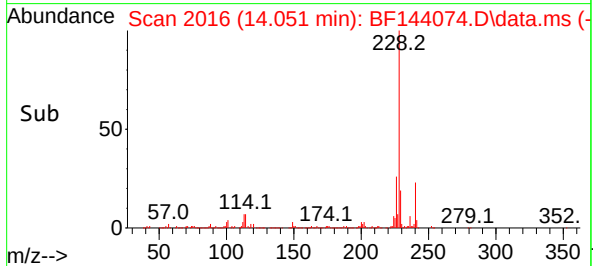
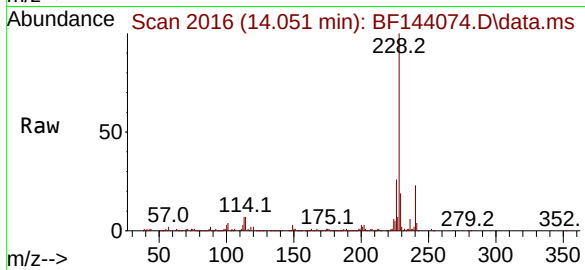
Tgt Ion:228 Resp: 329626

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.2

229 19.2 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 42.969 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

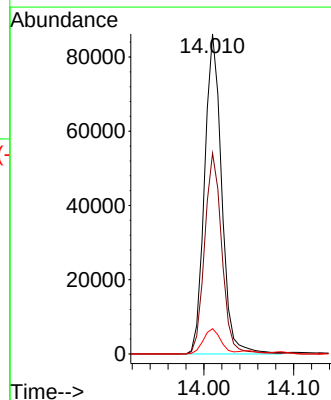
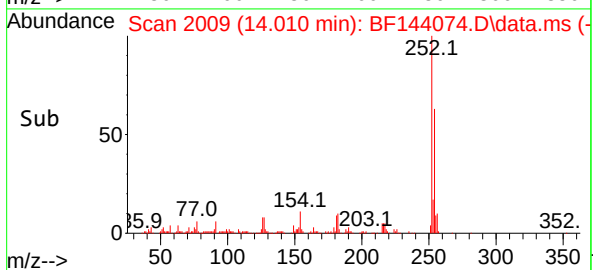
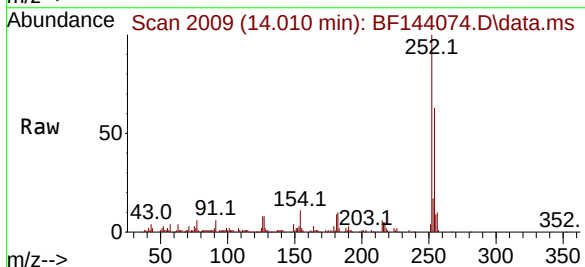
Tgt Ion:252 Resp: 113938

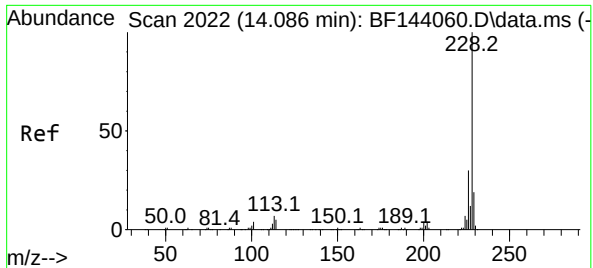
Ion Ratio Lower Upper

252 100

254 62.7 49.9 74.9

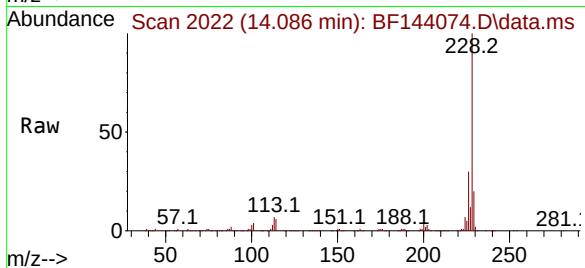
126 7.9 6.5 9.7



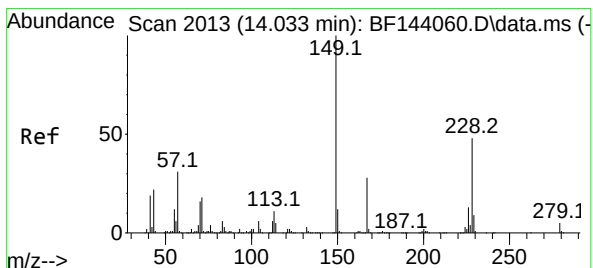
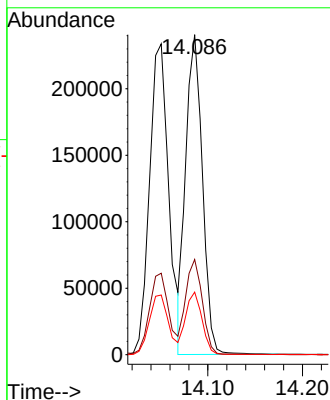
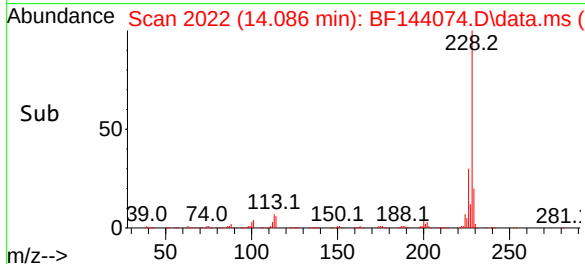


#83  
Chrysene  
Concen: 41.319 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

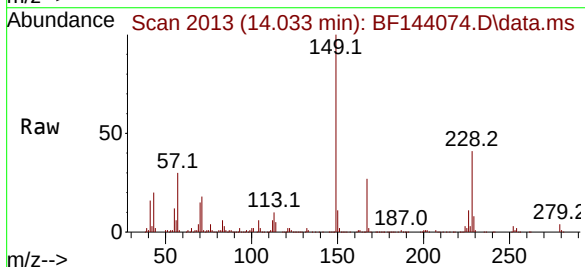
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



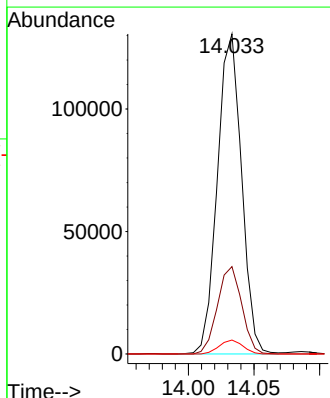
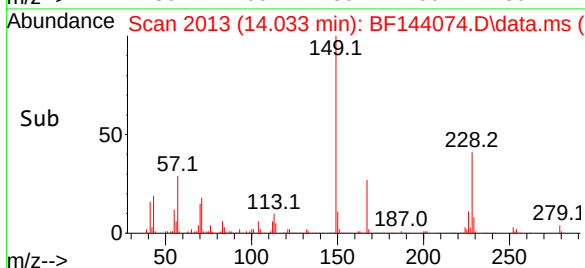
Tgt Ion:228 Resp: 295359  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.8 35.6  
229 19.5 15.6 23.4



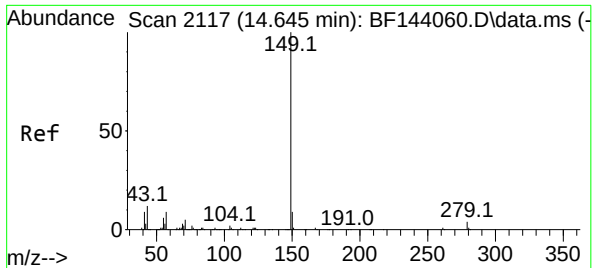
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.991 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27



Tgt Ion:149 Resp: 167373  
Ion Ratio Lower Upper  
149 100  
167 27.3 22.5 33.7  
279 4.4 3.6 5.4



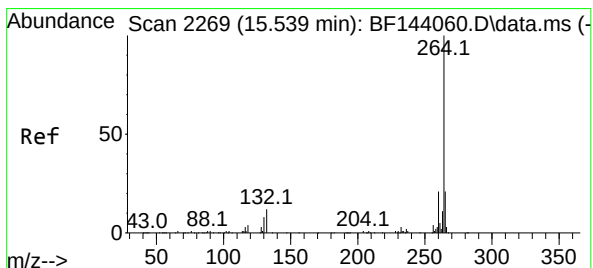
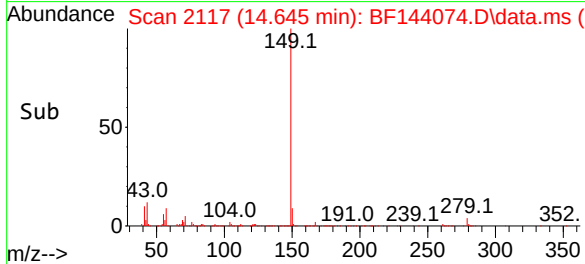
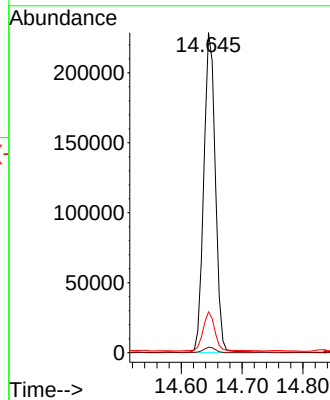
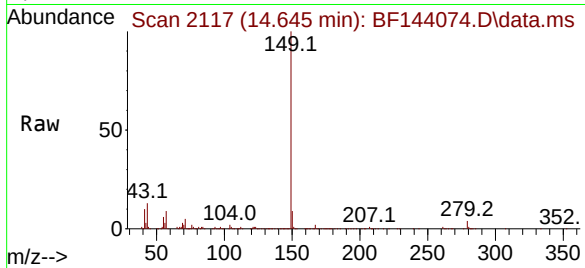




#85  
Di-n-octyl phthalate  
Concen: 41.585 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

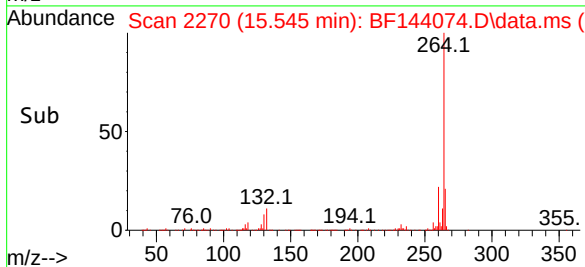
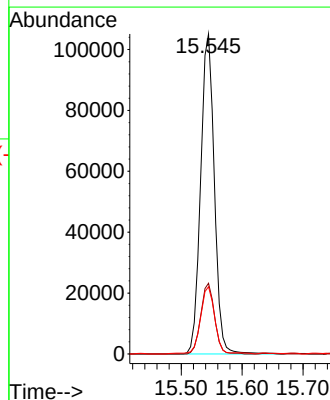
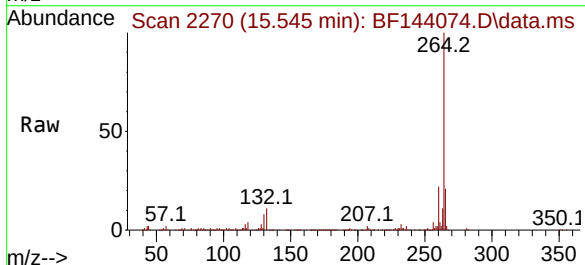
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

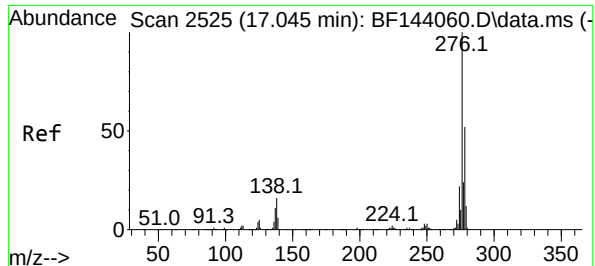
Tgt Ion:149 Resp: 299304  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.2 1.8#  
43 12.7 9.3 13.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.006 min  
Lab File: BF144074.D  
Acq: 27 Oct 2025 10:27

Tgt Ion:264 Resp: 164562  
Ion Ratio Lower Upper  
264 100  
260 22.1 17.0 25.4  
265 21.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.981 ng

RT: 17.051 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

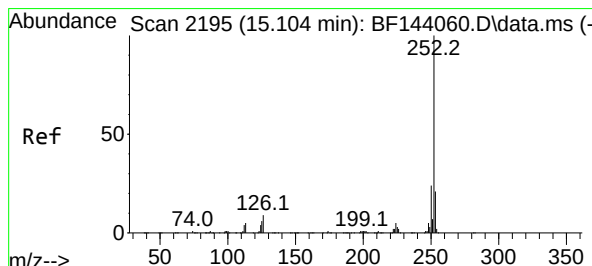
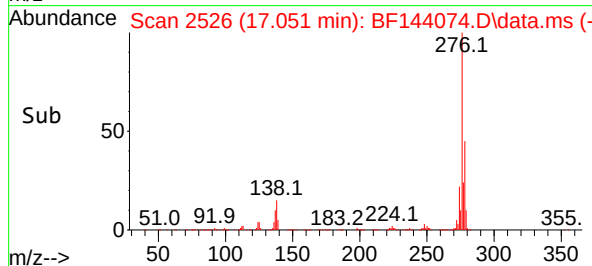
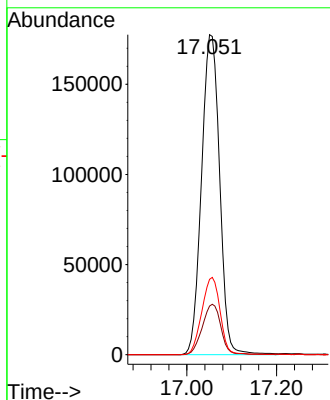
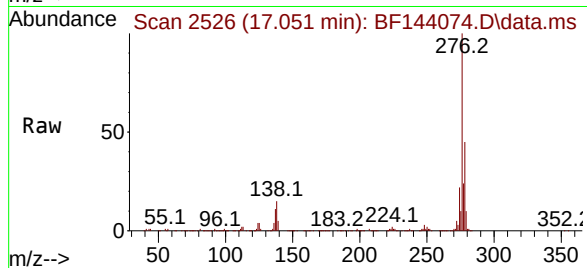
Tgt Ion:276 Resp: 496906

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 39.622 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

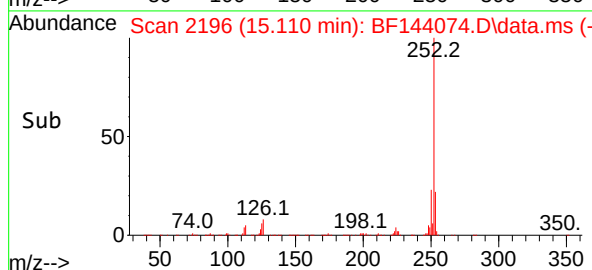
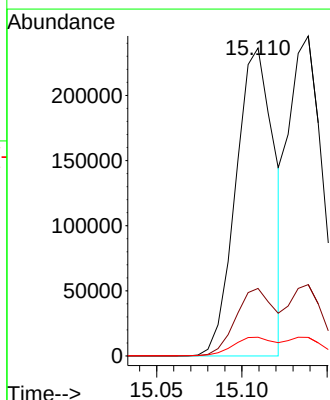
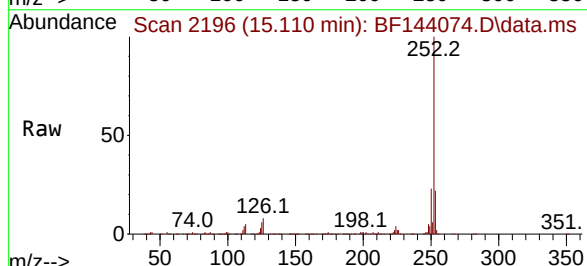
Tgt Ion:252 Resp: 368610

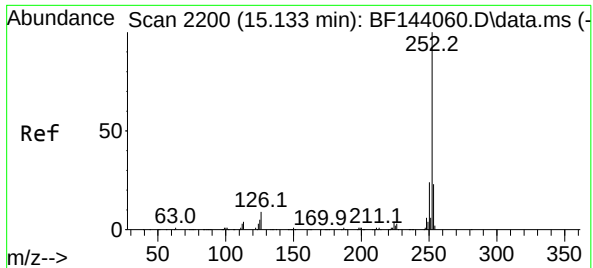
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.1 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 39.586 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

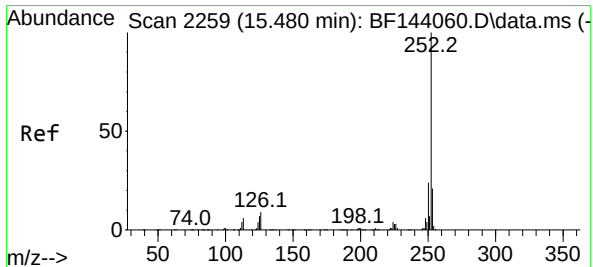
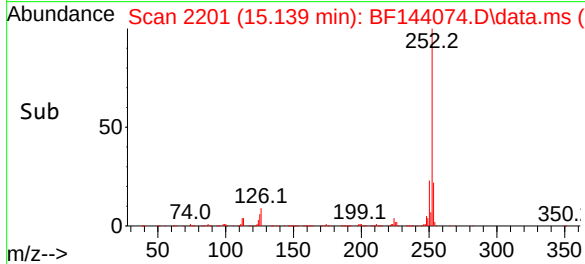
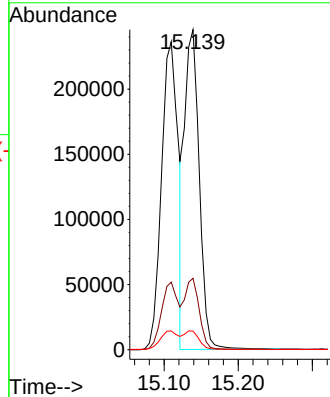
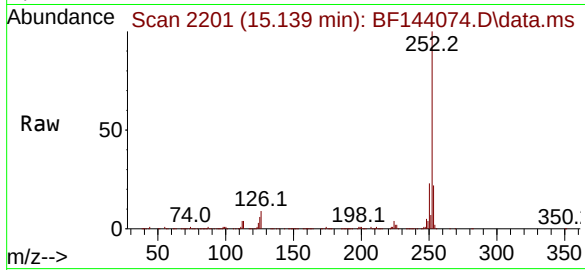
Tgt Ion:252 Resp: 339785

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 41.791 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

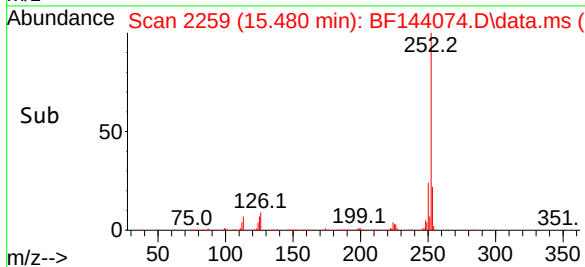
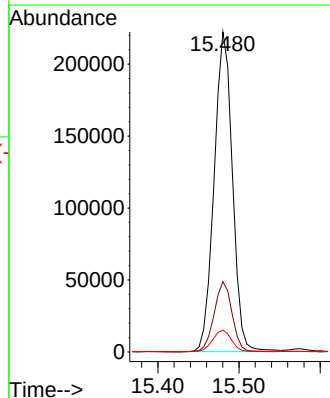
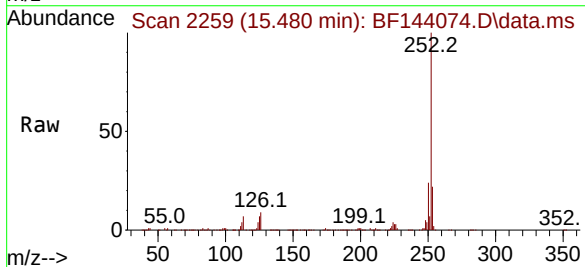
Tgt Ion:252 Resp: 348799

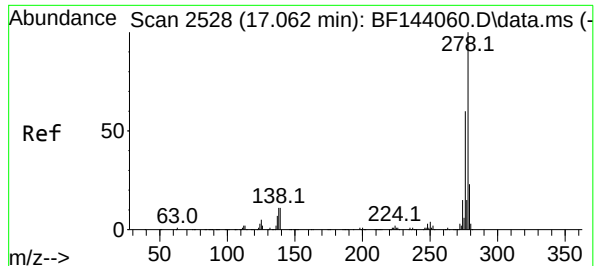
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 6.8 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.695 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

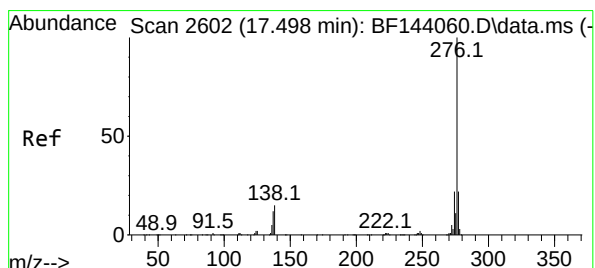
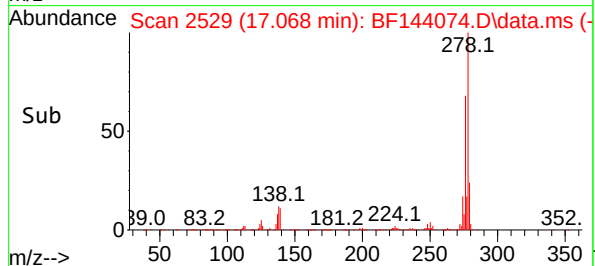
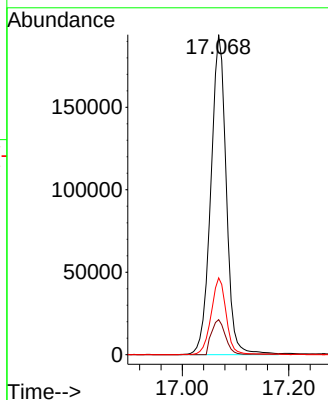
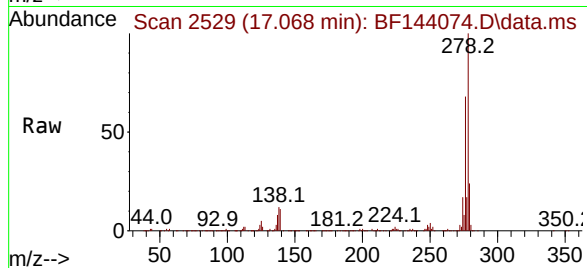
Tgt Ion:278 Resp: 390777

Ion Ratio Lower Upper

278 100

139 10.9 8.5 12.7

279 24.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.914 ng

RT: 17.509 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

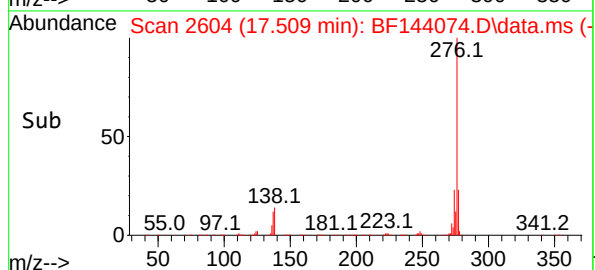
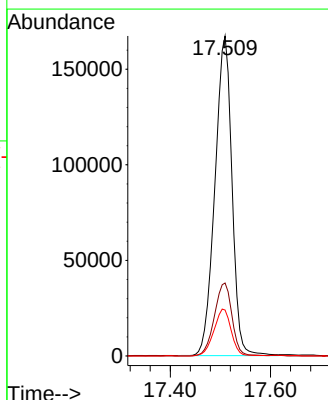
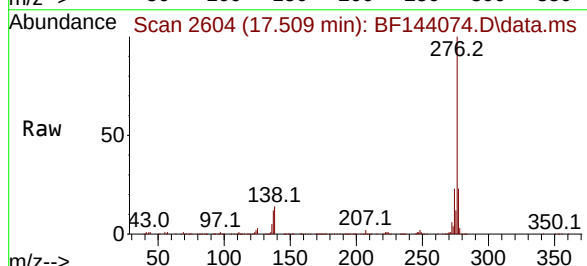
Tgt Ion:276 Resp: 394850

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 14.3 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144074.D  
 Acq On : 27 Oct 2025 10:27  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 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   | 110   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.546 | 0.545 | 0.2   | 109   | -0.01    |
| 3    | Pyridine                    | 1.462 | 1.525 | -4.3  | 110   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.899 | 0.858 | 4.6   | 104   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.264 | 1.380 | -9.2  | 117   | 0.00     |
| 6    | Aniline                     | 1.997 | 2.149 | -7.6  | 118   | 0.00     |
| 7 S  | Phenol-d6                   | 1.396 | 1.515 | -8.5  | 119   | 0.00     |
| 8    | 2-Chlorophenol              | 1.245 | 1.332 | -7.0  | 118   | 0.00     |
| 9    | Benzaldehyde                | 1.084 | 1.063 | 1.9   | 112   | 0.00     |
| 10 C | Phenol                      | 1.722 | 1.833 | -6.4  | 117   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.245 | 1.349 | -8.4  | 119   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.536 | 1.641 | -6.8  | 116   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.513 | 1.626 | -7.5  | 116   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.464 | 1.550 | -5.9  | 116   | 0.00     |
| 15   | Benzyl Alcohol              | 1.135 | 1.248 | -10.0 | 120   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.339 | 2.496 | -6.7  | 116   | 0.00     |
| 17   | 2-Methylphenol              | 0.957 | 1.041 | -8.8  | 123   | 0.00     |
| 18   | Hexachloroethane            | 0.541 | 0.579 | -7.0  | 117   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.903 | 0.952 | -5.4  | 120   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.132 | 1.219 | -7.7  | 115   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 115   | 0.00     |
| 22   | Acetophenone                | 0.432 | 0.456 | -5.6  | 120   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.365 | 0.385 | -5.5  | 120   | 0.00     |
| 24   | Nitrobenzene                | 0.386 | 0.407 | -5.4  | 119   | 0.00     |
| 25   | Isophorone                  | 0.638 | 0.683 | -7.1  | 122   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.184 | 0.199 | -8.2  | 119   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.273 | 0.309 | -13.2 | 124   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.398 | 0.425 | -6.8  | 121   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.317 | 0.336 | -6.0  | 119   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.327 | 0.335 | -2.4  | 115   | 0.00     |
| 31   | Naphthalene                 | 0.944 | 0.998 | -5.7  | 118   | 0.00     |
| 32   | Benzoic acid                | 0.173 | 0.181 | -4.6  | 142   | 0.00     |
| 33   | 4-Chloroaniline             | 0.329 | 0.363 | -10.3 | 124   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.267 | 0.273 | -2.2  | 116   | 0.00     |
| 35   | Caprolactam                 | 0.080 | 0.087 | -8.7  | 118   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.280 | 0.302 | -7.9  | 123   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.622 | 0.664 | -6.8  | 118   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.590 | 0.636 | -7.8  | 123   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 124   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.687 | 0.712 | -3.6  | 125   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.212 | 0.233 | -9.9  | 132   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.255 | 0.270 | -5.9  | 128   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.447 | 0.457 | -2.2  | 120   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.469 | 0.499 | -6.4  | 132   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.421 | 1.420 | 0.1   | 121   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.432 | 1.433 | -0.1  | 120   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.199 | 1.225 | -2.2  | 124   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144074.D  
 Acq On : 27 Oct 2025 10:27  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 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             | 0.356 | 0.384 | -7.9  | 125   | 0.00     |
| 49   | Acenaphthylene             | 1.617 | 1.654 | -2.3  | 120   | 0.00     |
| 50   | Dimethylphthalate          | 1.311 | 1.344 | -2.5  | 122   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.259 | 0.282 | -8.9  | 127   | 0.00     |
| 52 C | Acenaphthene               | 1.080 | 1.105 | -2.3  | 123   | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.296 | -2.8  | 114   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.140 | 0.137 | 2.1   | 137   | 0.00     |
| 55   | Dibenzofuran               | 1.499 | 1.549 | -3.3  | 123   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.195 | 0.203 | -4.1  | 134   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.350 | 0.367 | -4.9  | 118   | 0.00     |
| 58   | Fluorene                   | 1.143 | 1.167 | -2.1  | 121   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.330 | 0.362 | -9.7  | 124   | 0.00     |
| 60   | Diethylphthalate           | 1.233 | 1.247 | -1.1  | 120   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.643 | 0.665 | -3.4  | 122   | 0.00     |
| 62   | 4-Nitroaniline             | 0.273 | 0.281 | -2.9  | 117   | 0.00     |
| 63   | Azobenzene                 | 1.167 | 1.180 | -1.1  | 118   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 116   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.128 | 0.134 | -4.7  | 126   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.639 | 0.685 | -7.2  | 123   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.250 | 0.275 | -10.0 | 122   | 0.00     |
| 68   | Hexachlorobenzene          | 0.307 | 0.333 | -8.5  | 120   | 0.00     |
| 69   | Atrazine                   | 0.210 | 0.202 | 3.8   | 112   | 0.00     |
| 70 C | Pentachlorophenol          | 0.146 | 0.160 | -9.6  | 124   | 0.00     |
| 71   | Phenanthrene               | 0.994 | 1.034 | -4.0  | 117   | 0.00     |
| 72   | Anthracene                 | 1.026 | 1.032 | -0.6  | 113   | 0.00     |
| 73   | Carbazole                  | 0.874 | 0.880 | -0.7  | 112   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.071 | 1.039 | 3.0   | 107   | 0.00     |
| 75 C | Fluoranthene               | 1.098 | 1.041 | 5.2   | 107   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 91    | 0.00     |
| 77   | Benzidine                  | 0.622 | 0.645 | -3.7  | 88    | 0.00     |
| 78   | Pyrene                     | 1.438 | 1.685 | -17.2 | 101   | 0.00     |
| 79 S | Terphenyl-d14              | 1.144 | 1.306 | -14.2 | 98    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.544 | 0.551 | -1.3  | 84    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.352 | 1.462 | -8.1  | 88    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.470 | 0.505 | -7.4  | 90    | 0.00     |
| 83   | Chrysene                   | 1.268 | 1.310 | -3.3  | 91    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.743 | 0.742 | 0.1   | 85    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.277 | 1.328 | -4.0  | 87    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 108   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.373 | 1.510 | -10.0 | 110   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.131 | 1.120 | 1.0   | 95    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.043 | 1.032 | 1.1   | 105   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.014 | 1.060 | -4.5  | 105   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.087 | 1.187 | -9.2  | 110   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.093 | 1.200 | -9.8  | 108   | 0.01     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144074.D  
Acq On : 27 Oct 2025 10:27  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144074.D  
 Acq On : 27 Oct 2025 10:27  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 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   | 110   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.936 | 0.2   | 109   | -0.01    |
| 3    | Pyridine                    | 40.000 | 41.712 | -4.3  | 110   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.172 | 4.6   | 104   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 87.355 | -9.2  | 117   | 0.00     |
| 6    | Aniline                     | 40.000 | 43.042 | -7.6  | 118   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 86.803 | -8.5  | 119   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 42.812 | -7.0  | 118   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.213 | 2.0   | 112   | 0.00     |
| 10 C | Phenol                      | 40.000 | 42.559 | -6.4  | 117   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 43.342 | -8.4  | 119   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.743 | -6.9  | 116   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 42.963 | -7.4  | 116   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.349 | -5.9  | 116   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 43.981 | -10.0 | 120   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 42.682 | -6.7  | 116   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 43.474 | -8.7  | 123   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 42.808 | -7.0  | 117   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.191 | -5.5  | 120   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 43.078 | -7.7  | 115   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 22   | Acetophenone                | 40.000 | 42.203 | -5.5  | 120   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 84.277 | -5.3  | 120   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.153 | -5.4  | 119   | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.811 | -7.0  | 122   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.268 | -8.2  | 119   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 45.340 | -13.4 | 124   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.723 | -6.8  | 121   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.393 | -6.0  | 119   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.079 | -2.7  | 115   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 42.271 | -5.7  | 118   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.781 | -4.5  | 142   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 44.158 | -10.4 | 124   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.877 | -2.2  | 116   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.869 | -9.7  | 118   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 43.150 | -7.9  | 123   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.699 | -6.7  | 118   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 43.152 | -7.9  | 123   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 124   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.440 | -3.6  | 125   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.878 | -9.7  | 132   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.893 | -6.1  | 128   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.949 | -2.4  | 120   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.599 | -6.5  | 132   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.903 | 0.1   | 121   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.027 | -0.1  | 120   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.869 | -2.2  | 124   | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144074.D  
 Acq On : 27 Oct 2025 10:27  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 43.173 | -7.9  | 125   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.908 | -2.3  | 120   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.020 | -2.6  | 122   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.531 | -8.8  | 127   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.938 | -2.3  | 123   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.061 | -2.7  | 114   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.960 | 2.6   | 137   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.318 | -3.3  | 123   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.527 | -3.8  | 134   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.918 | -4.8  | 118   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.866 | -2.2  | 121   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.817 | -9.5  | 124   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.457 | -1.1  | 120   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.424 | -3.6  | 122   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.182 | -3.0  | 117   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.465 | -1.2  | 118   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 116   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.715 | -4.3  | 126   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.907 | -7.3  | 123   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 43.947 | -9.9  | 122   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 43.436 | -8.6  | 120   | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.475 | 3.8   | 112   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.784 | -9.5  | 124   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.610 | -4.0  | 117   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.239 | -0.6  | 113   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.288 | -0.7  | 112   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.793 | 3.0   | 107   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.938 | 5.2   | 107   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 77   | Benzydine                  | 40.000 | 41.457 | -3.6  | 88    | 0.00     |
| 78   | Pyrene                     | 40.000 | 46.872 | -17.2 | 101   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 91.306 | -14.1 | 98    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.484 | -1.2  | 84    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 43.272 | -8.2  | 88    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.969 | -7.4  | 90    | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.319 | -3.3  | 91    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.991 | 0.0   | 85    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.585 | -4.0  | 87    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 108   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.981 | -10.0 | 110   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.622 | 0.9   | 95    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.586 | 1.0   | 105   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.791 | -4.5  | 105   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.695 | -9.2  | 110   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 43.914 | -9.8  | 108   | 0.01     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144074.D  
Acq On : 27 Oct 2025 10:27  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



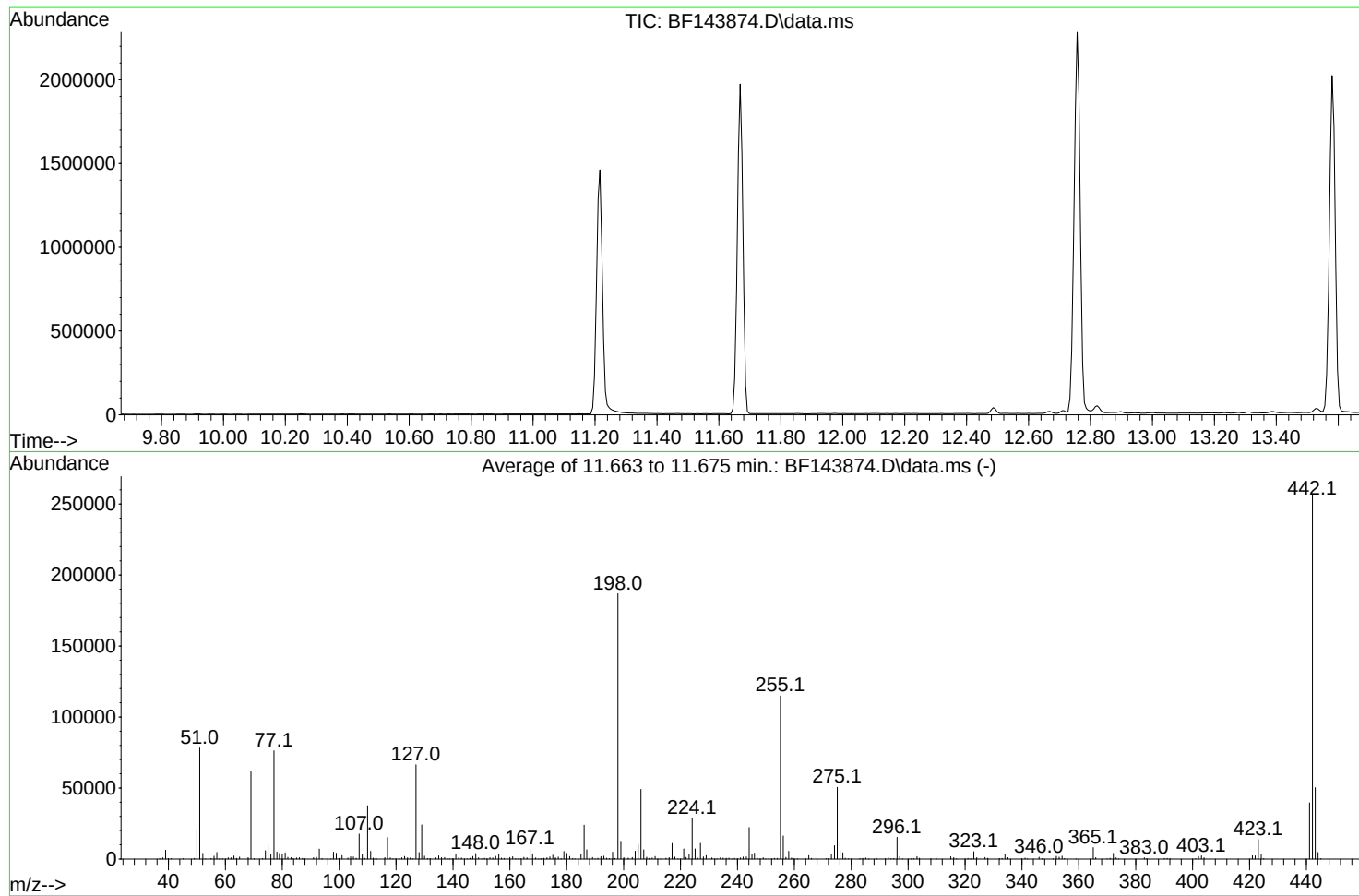
# QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143874.D  
Acq On : 06 Oct 2025 09:30  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Integration File: rteint.p

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



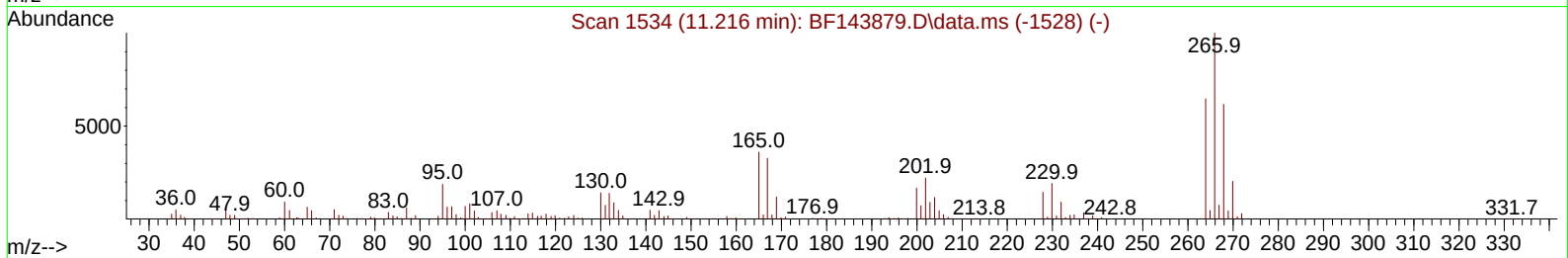
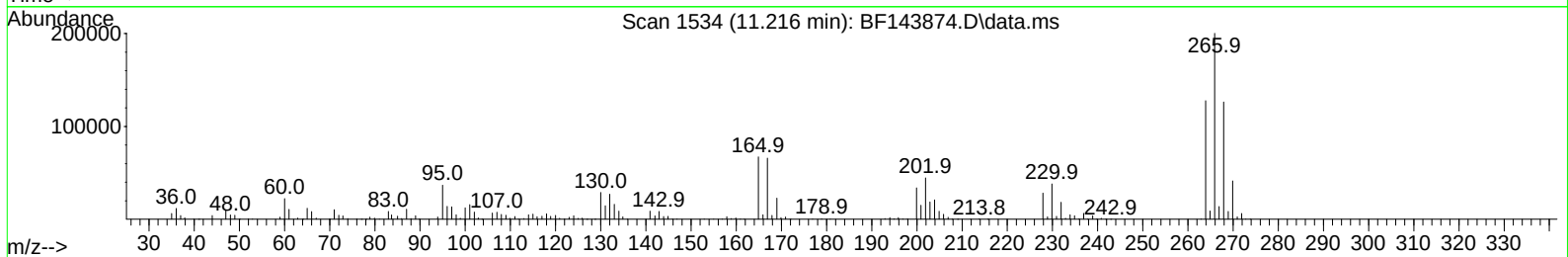
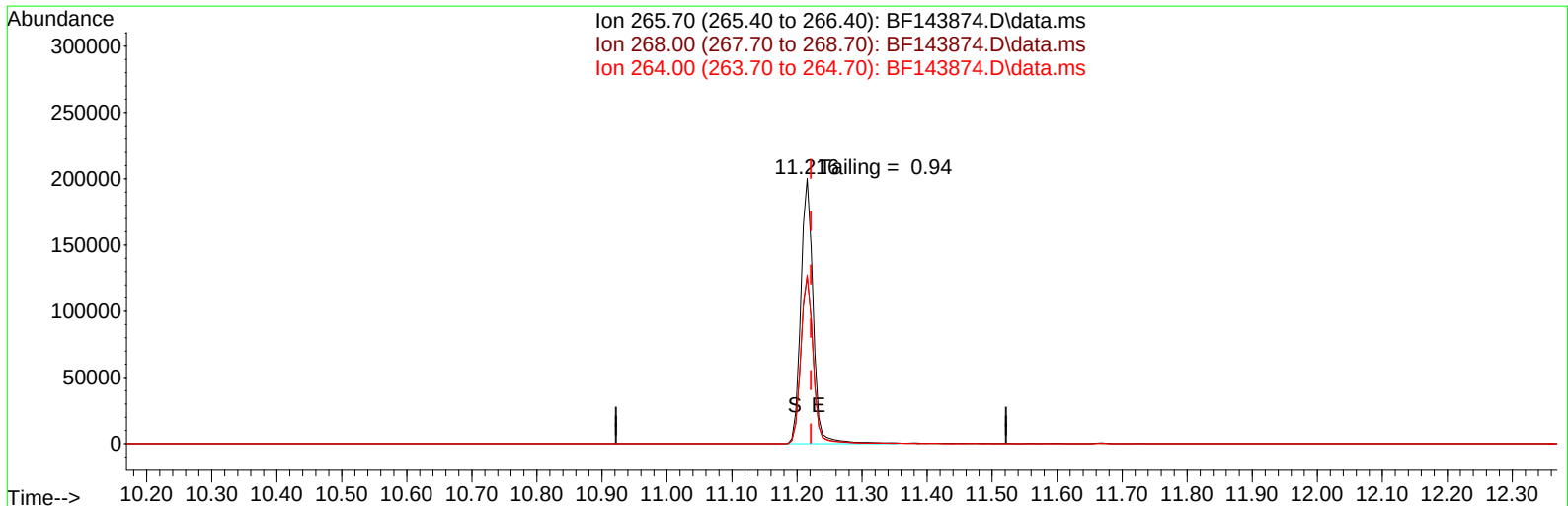
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.6   | 971    | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 61475  | PASS      |
| 70     | 69      | 0.00   | 2      | 0.4   | 240    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.3   | 472    | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 186859 | PASS      |
| 199    | 198     | 5      | 9      | 6.7   | 12573  | PASS      |
| 365    | 198     | 1      | 100    | 4.3   | 8075   | PASS      |
| 441    | 443     | 0.01   | 150    | 78.8  | 39600  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 256555 | PASS      |
| 443    | 442     | 15     | 24     | 19.6  | 50245  | PASS      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143874.D  
Acq On : 06 Oct 2025 09:30  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 06 15:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF143874.D\data.ms

**(70) Pentachlorophenol (C)**

**11.216min (-0.006) 36564.81 ng**

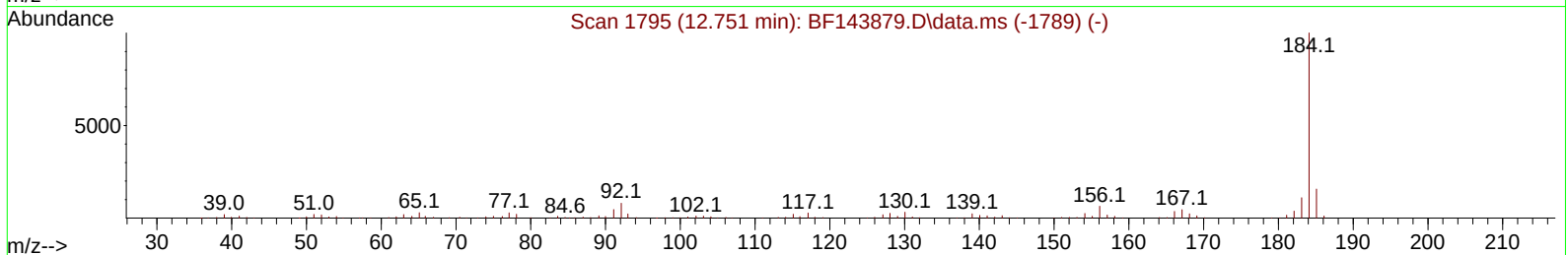
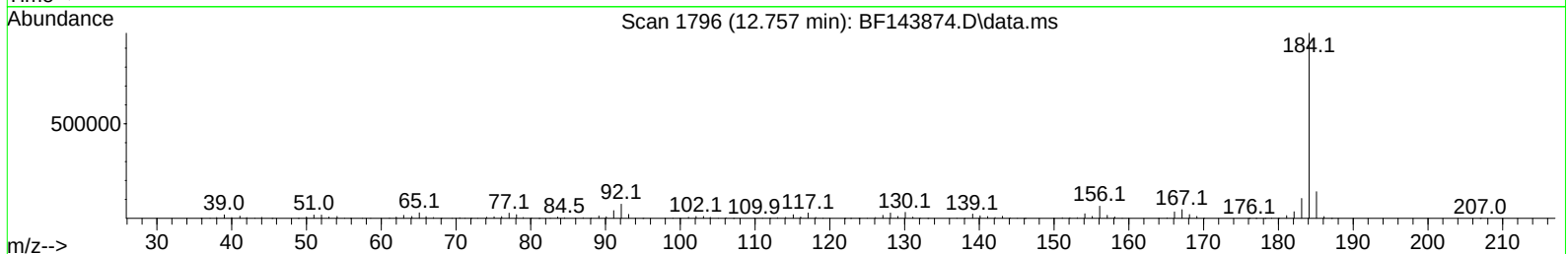
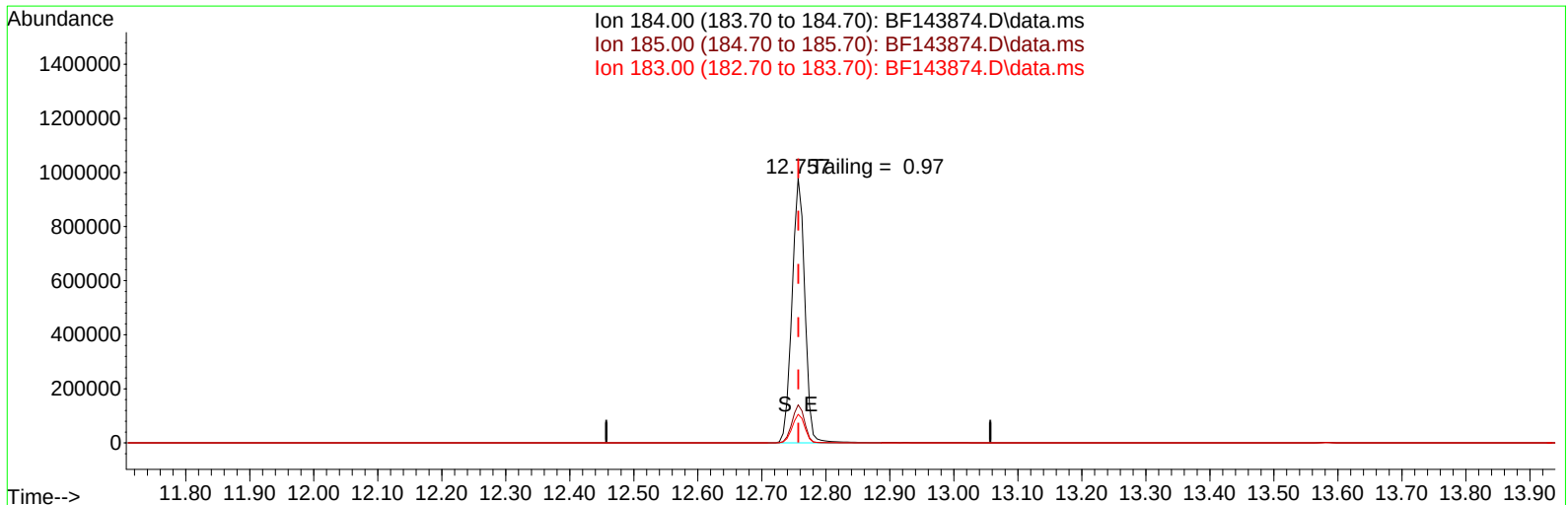
**response 265194**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 63.10  |
| 264.00 | 64.70  | 63.76  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143874.D  
Acq On : 06 Oct 2025 09:30  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 06 15:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF143874.D\data.ms

**(77) Benzidine**

12.757min (-0.000) 0.00 ng

response 1371993

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.70  | 14.38  |
| 183.00 | 11.00  | 10.78  |
| 0.00   | 0.00   | 0.00   |

# DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/6/2025     | BNA_F            | <u>BF143874.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 503395           | 13.58              |
| DDD           | 4048             | 13.31              |
| DDE           | 763              | 12.945             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 4811          | 508206           | 0.95               |
|               |                  |                    |

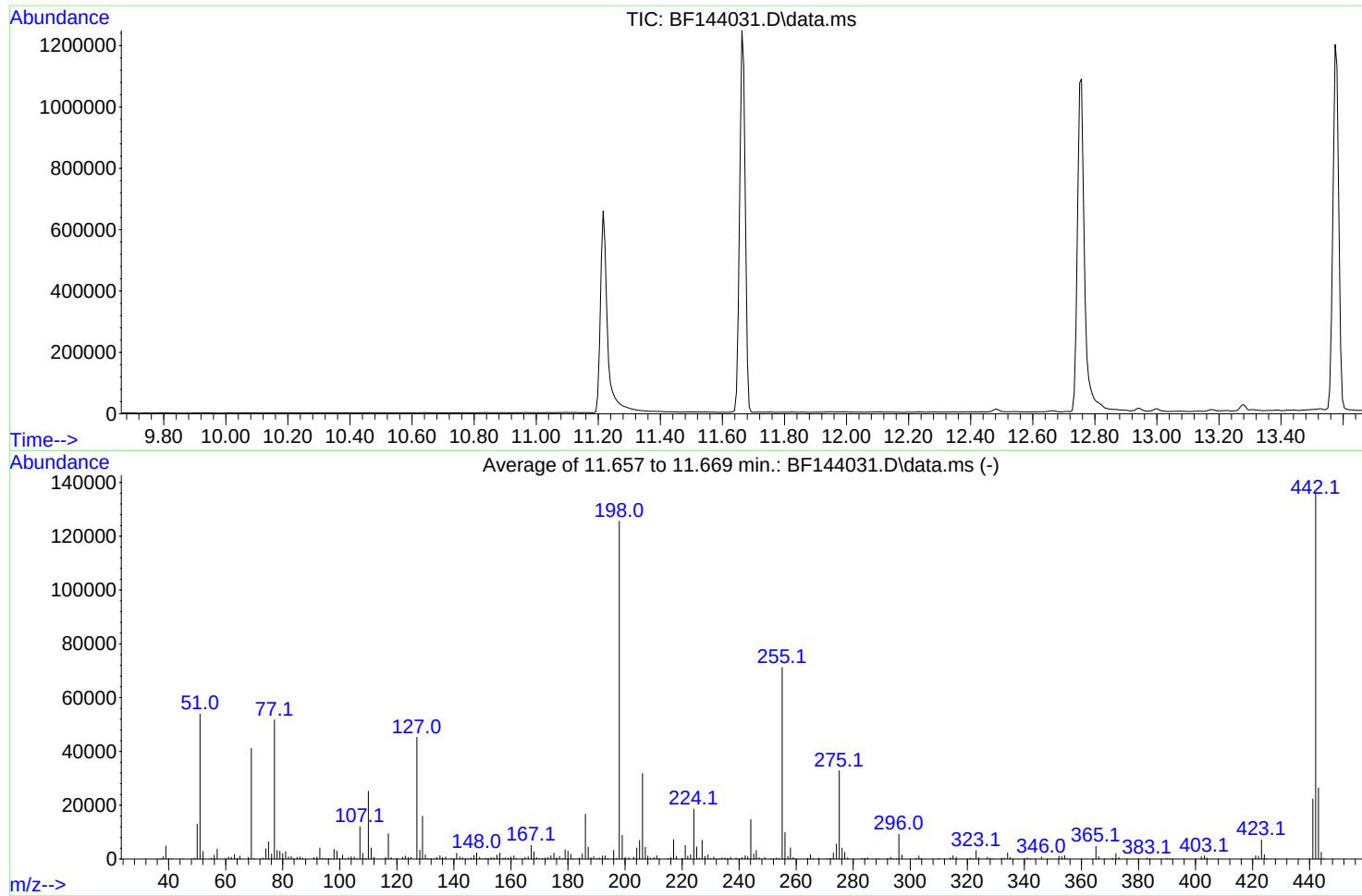
Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144031.D  
Acq On : 22 Oct 2025 09:26  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.5   | 610    | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 41155  | PASS      |
| 70     | 69      | 0.00   | 2      | 0.6   | 235    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.2   | 273    | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 125584 | PASS      |
| 199    | 198     | 5      | 9      | 7.0   | 8799   | PASS      |
| 365    | 198     | 1      | 100    | 3.8   | 4712   | PASS      |
| 441    | 443     | 0.01   | 150    | 84.6  | 22367  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 135728 | PASS      |
| 443    | 442     | 15     | 24     | 19.5  | 26434  | PASS      |



# DDT Breakdown

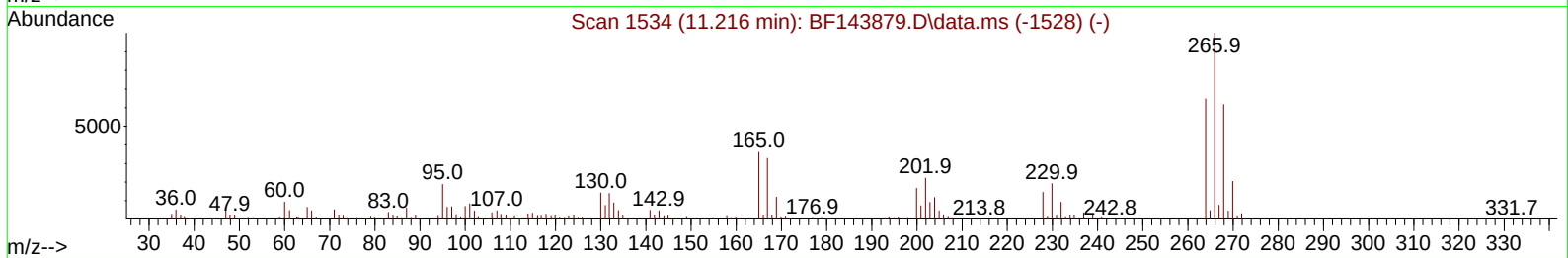
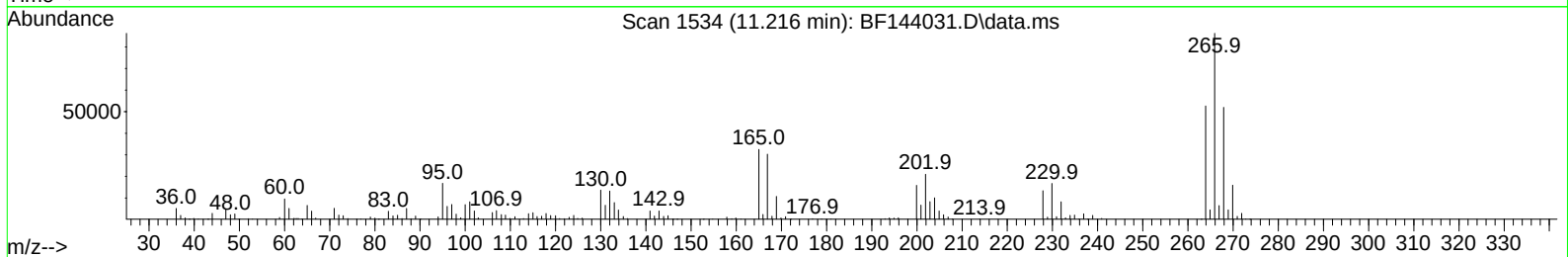
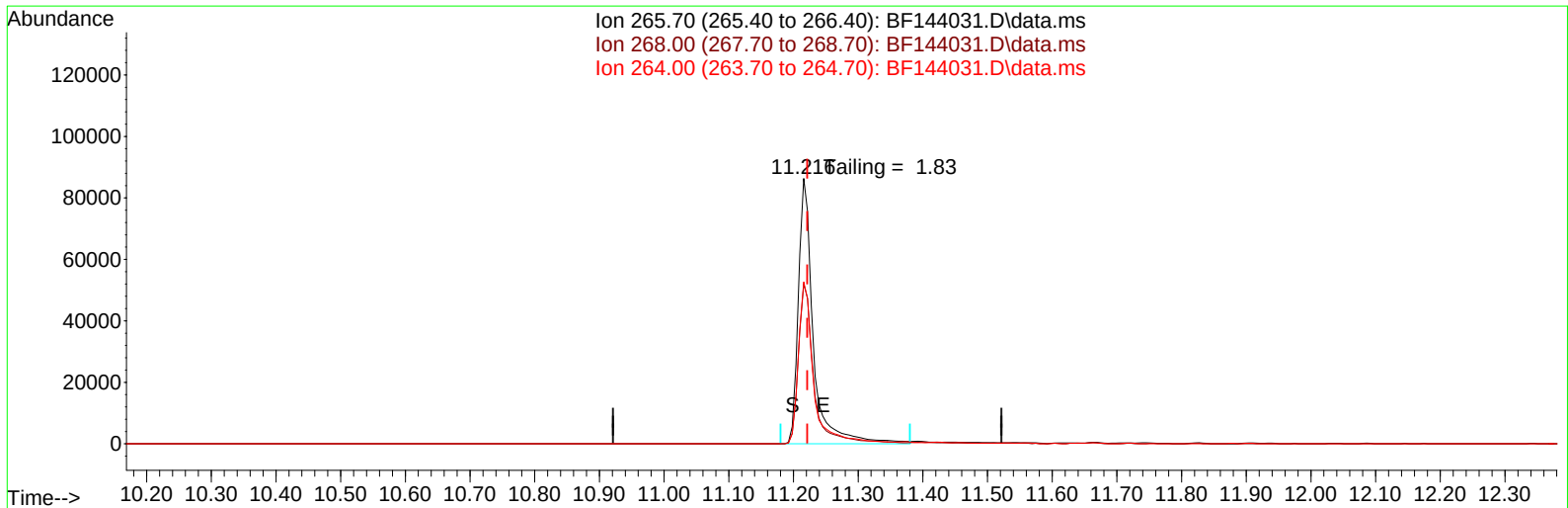
| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/22/2025    | BNA_F            | <u>BF144031.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 316043           | 13.574             |
| DDD           | 8713             | 13.28              |
| DDE           | 2730             | 12.939             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 11443         | 327486           | 3.49               |
|               |                  |                    |

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144031.D  
Acq On : 22 Oct 2025 09:26  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 22 12:25:09 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF144031.D\data.ms

**(70) Pentachlorophenol (C)**

11.216min (-0.006) 25307.30 ng

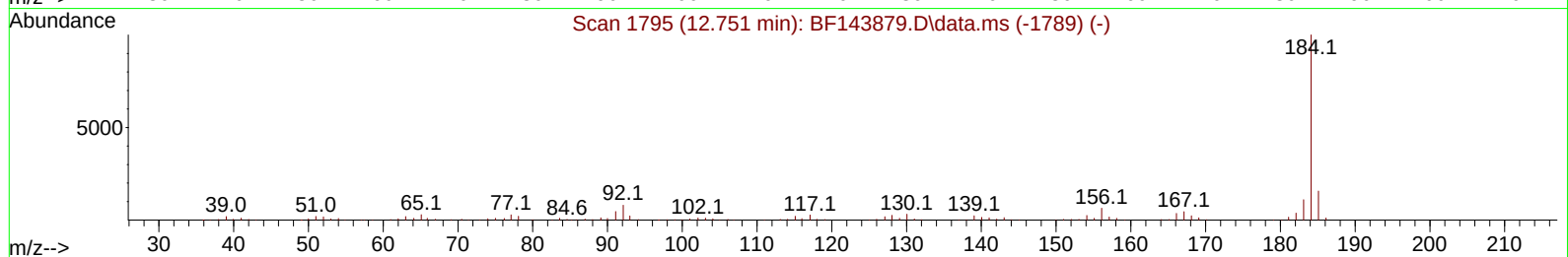
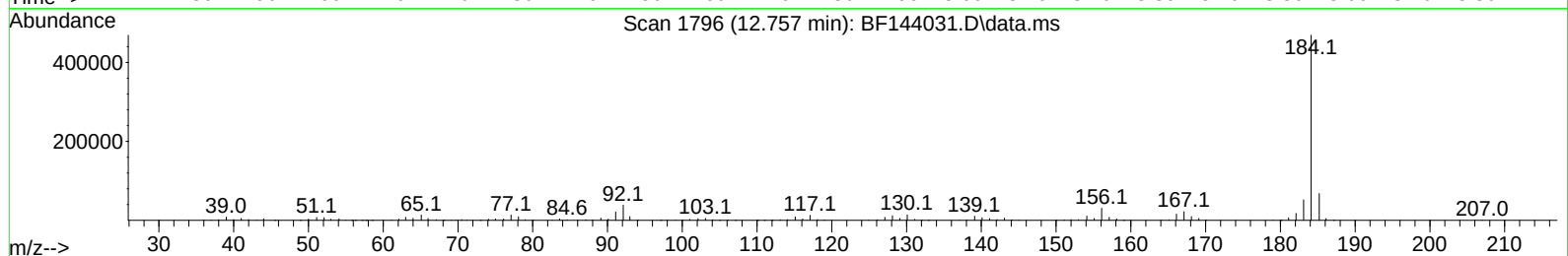
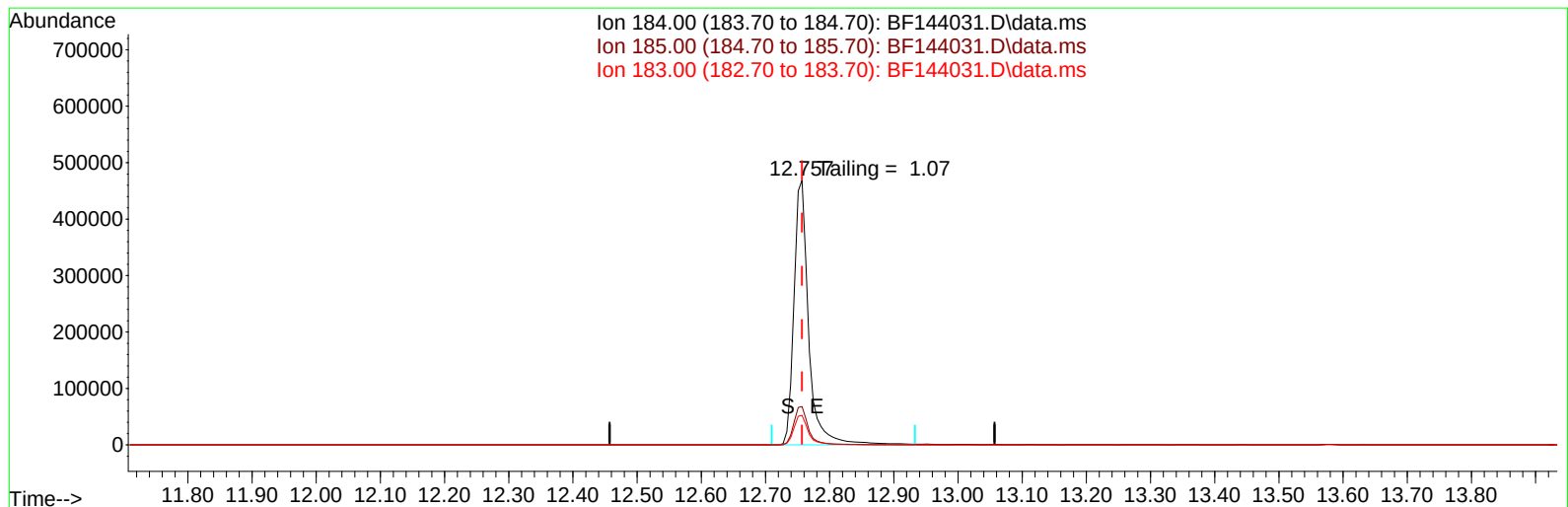
response 139659

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 60.26  |
| 264.00 | 64.70  | 61.03  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144031.D  
Acq On : 22 Oct 2025 09:26  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 22 12:25:09 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF144031.D\data.ms

**(77) Benzidine**

12.757min (-0.000) 0.00 ng

response 749496

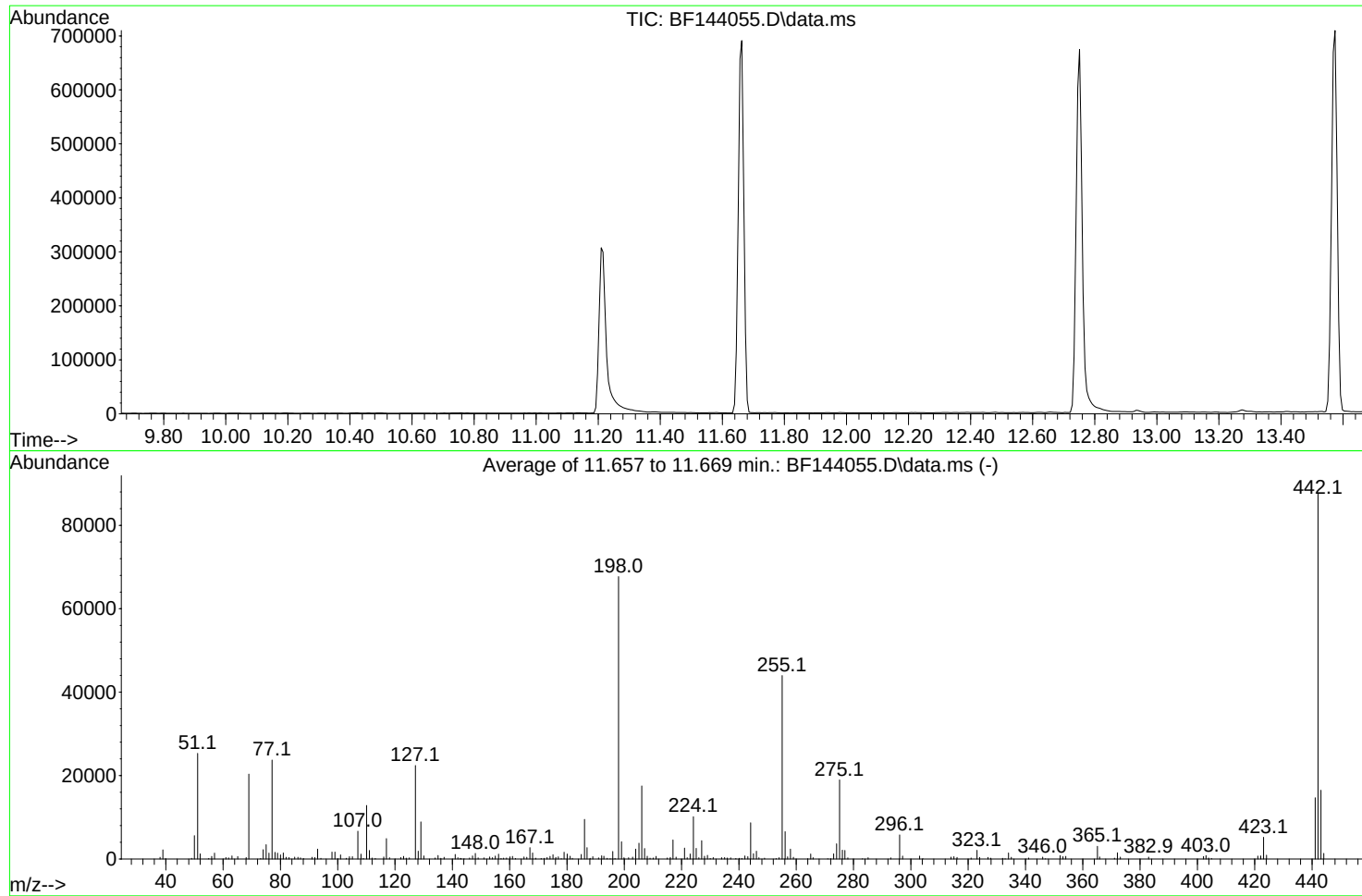
| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.70  | 14.47  |
| 183.00 | 11.00  | 11.14  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
Data File : BF144055.D  
Acq On : 24 Oct 2025 09:45  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Fri Oct 24 17:30:25 2025



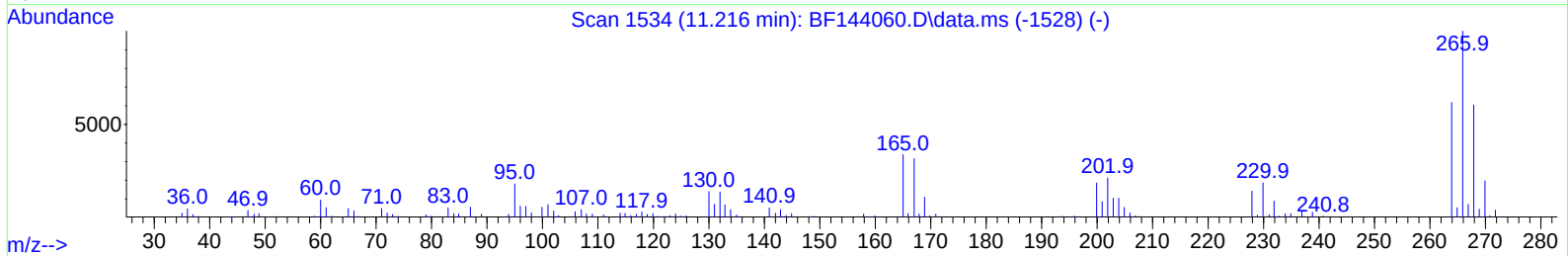
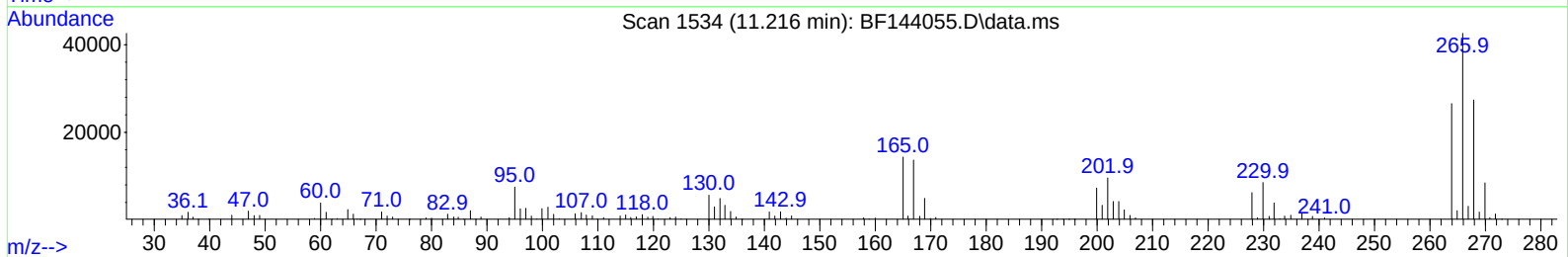
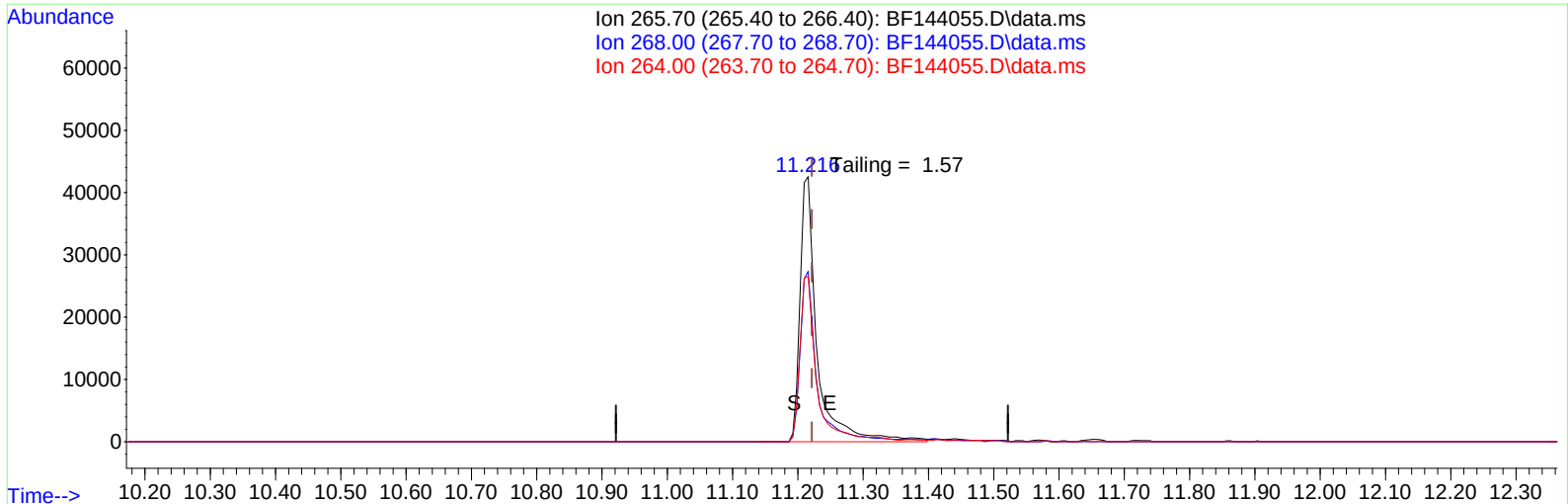
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 68             | 69              | 0.00            | 2               | 1.6          | 333        | PASS                |
| 69             | 69              | 100             | 100             | 100.0        | 20363      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.0          | 0          | PASS                |
| 197            | 198             | 0.00            | 2               | 0.2          | 133        | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 67712      | PASS                |
| 199            | 198             | 5               | 9               | 6.1          | 4142       | PASS                |
| 365            | 198             | 1               | 100             | 4.5          | 3052       | PASS                |
| 441            | 443             | 0.01            | 150             | 89.0         | 14677      | PASS                |
| 442            | 442             | 100             | 100             | 100.0        | 87547      | PASS                |
| 443            | 442             | 15              | 24              | 18.8         | 16486      | PASS                |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
Data File : BF144055.D  
Acq On : 24 Oct 2025 09:45  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 24 10:43:56 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF144055.D\data.ms

**(70) Pentachlorophenol (C)**

11.216min (-0.006) 43857.19 ng

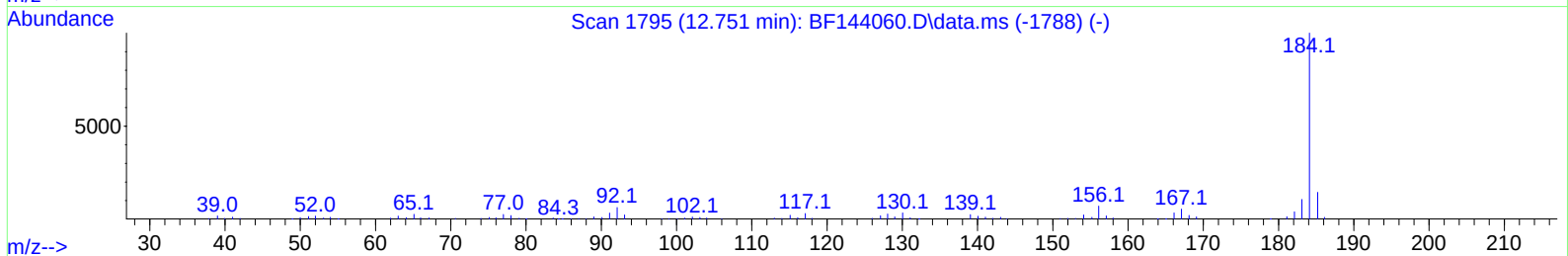
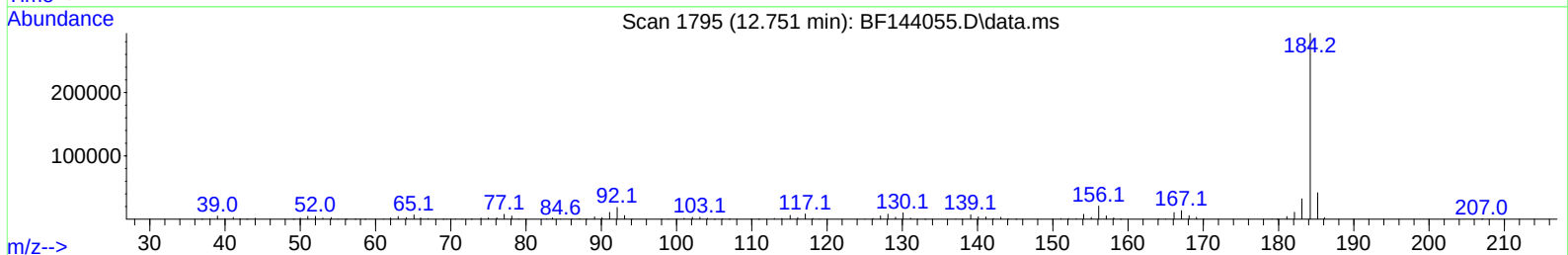
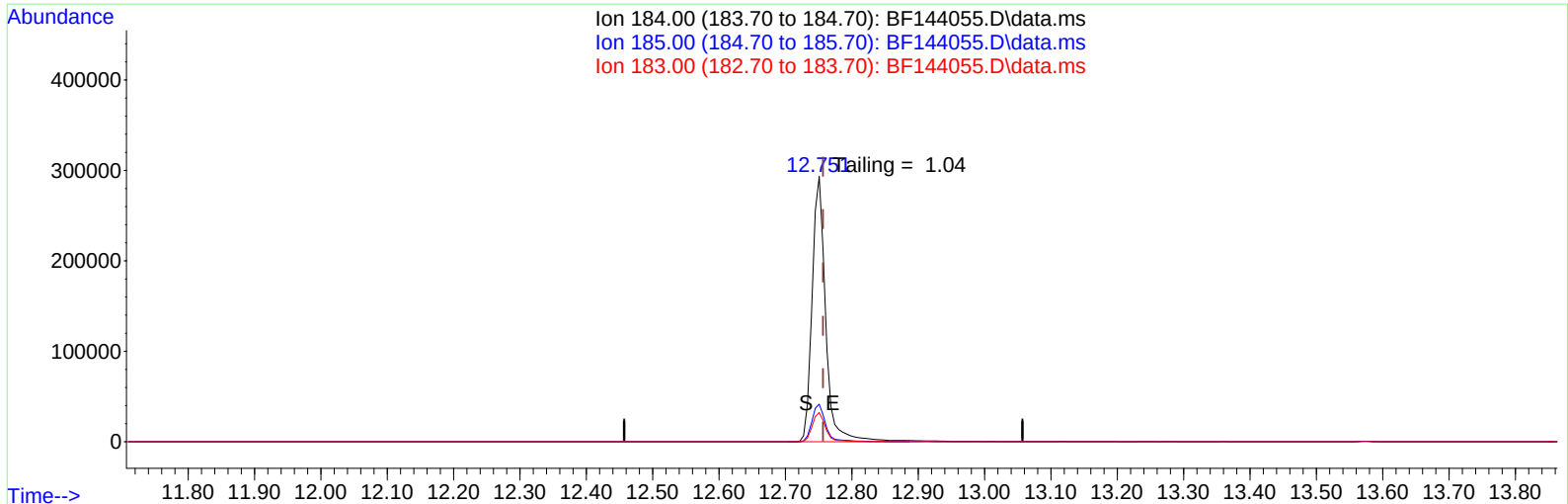
response 76701

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 64.29  |
| 264.00 | 64.70  | 62.39  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102425\  
Data File : BF144055.D  
Acq On : 24 Oct 2025 09:45  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 24 10:43:56 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF144055.D\data.ms

**(77) Benzidine**

12.751min (-0.006) 0.00 ng

response 416414

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.70  | 14.23  |
| 183.00 | 11.00  | 11.07  |
| 0.00   | 0.00   | 0.00   |

**DDT Breakdown**

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
DFTPP

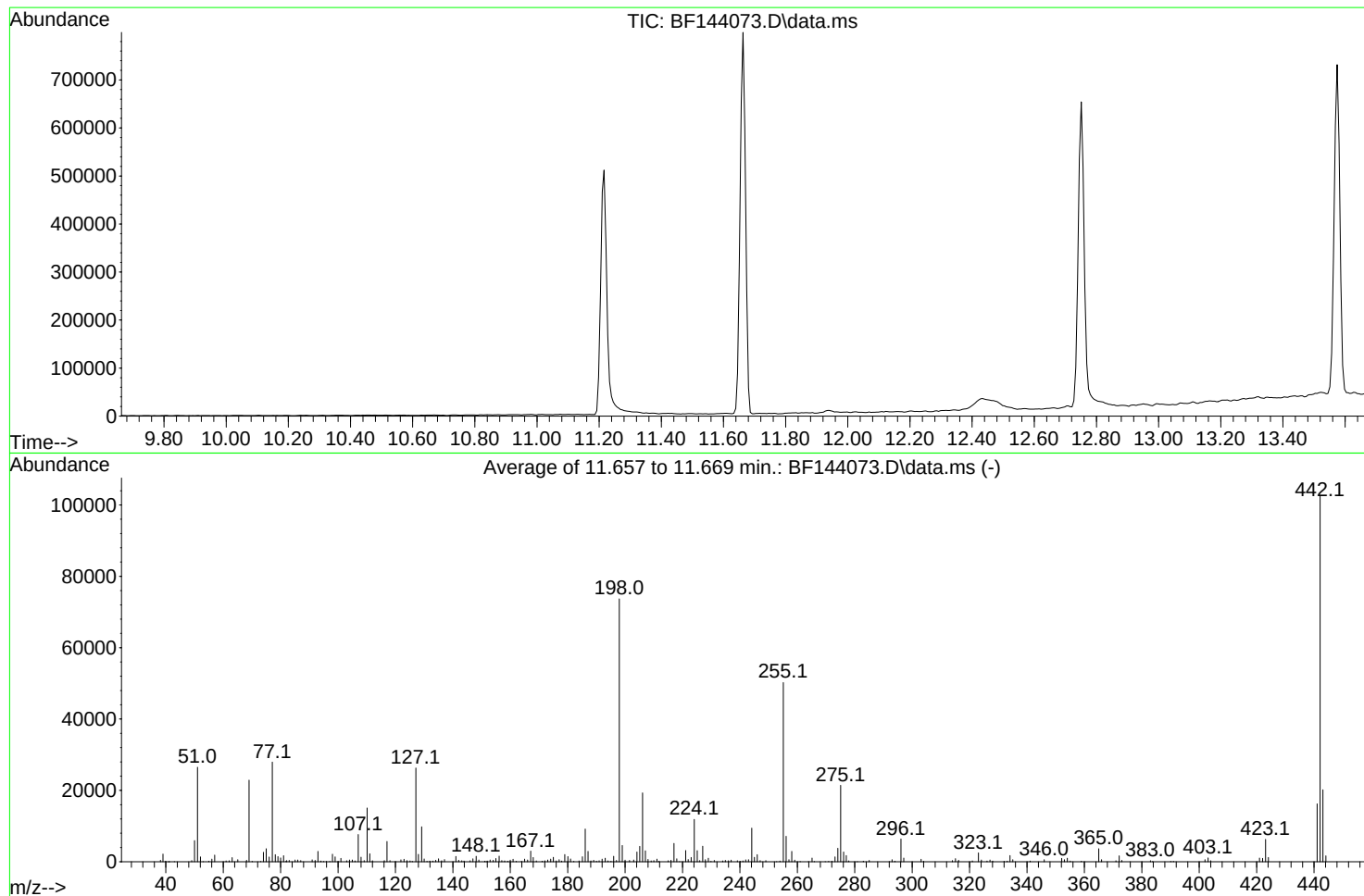
| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/24/2025    | BNA_F            | <u>BF144055.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 192449           | 13.574             |
| DDD           | 3266             | 13.274             |
| DDE           | 1346             | 12.939             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 4612          | 197061           | 2.34               |
|               |                  |                    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144073.D  
Acq On : 27 Oct 2025 09:29  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Fri Oct 24 17:30:25 2025



AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

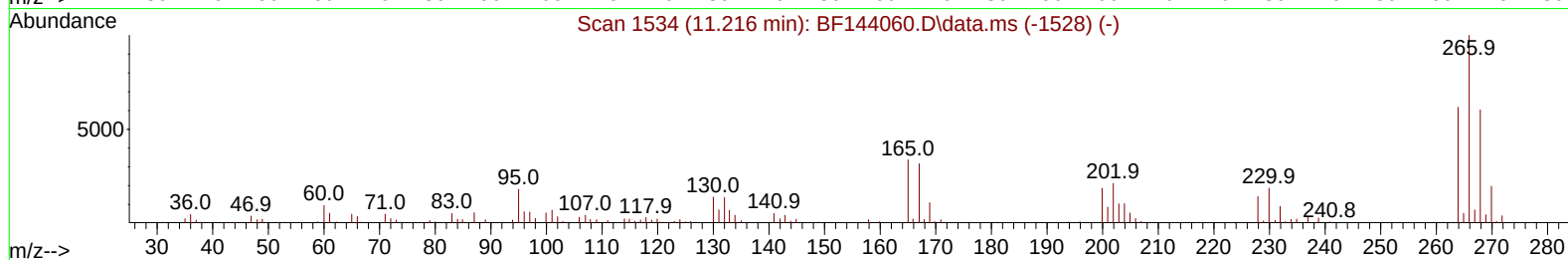
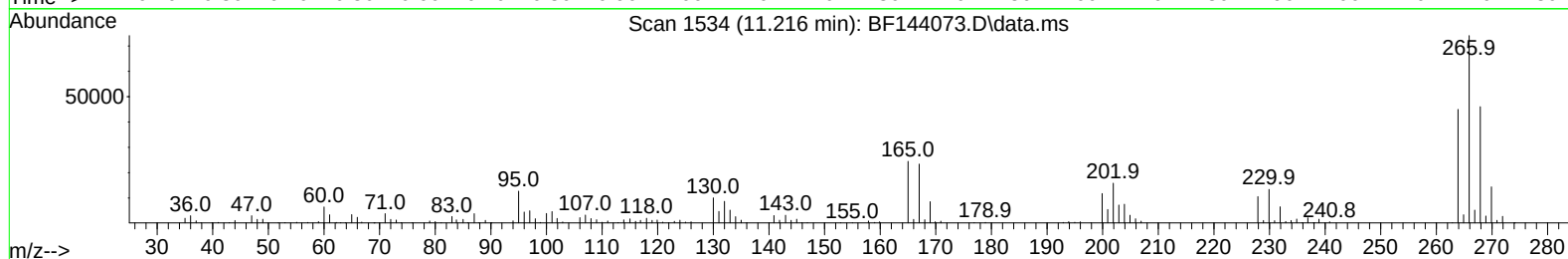
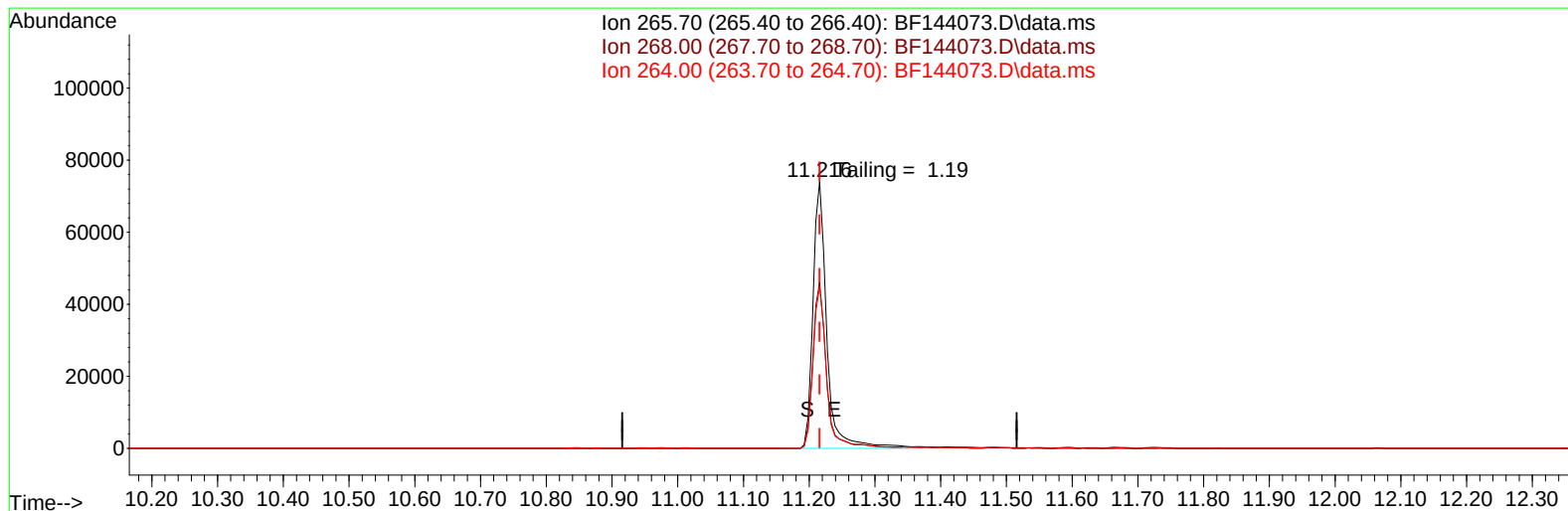
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 68          | 69           | 0.00         | 2            | 1.9       | 439     | PASS             |
| 69          | 69           | 100          | 100          | 100.0     | 22889   | PASS             |
| 70          | 69           | 0.00         | 2            | 0.5       | 121     | PASS             |
| 197         | 198          | 0.00         | 2            | 0.5       | 369     | PASS             |
| 198         | 198          | 100          | 100          | 100.0     | 73707   | PASS             |
| 199         | 198          | 5            | 9            | 6.2       | 4588    | PASS             |
| 365         | 198          | 1            | 100          | 4.9       | 3647    | PASS             |
| 441         | 443          | 0.01         | 150          | 80.6      | 16254   | PASS             |
| 442         | 442          | 100          | 100          | 100.0     | 102437  | PASS             |
| 443         | 442          | 15           | 24           | 19.7      | 20159   | PASS             |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144073.D  
Acq On : 27 Oct 2025 09:29  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 27 11:44:22 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration



TIC: BF144073.D\data.ms

**(70) Pentachlorophenol (C)**

11.216min (+ 0.000) 52871.76 ng

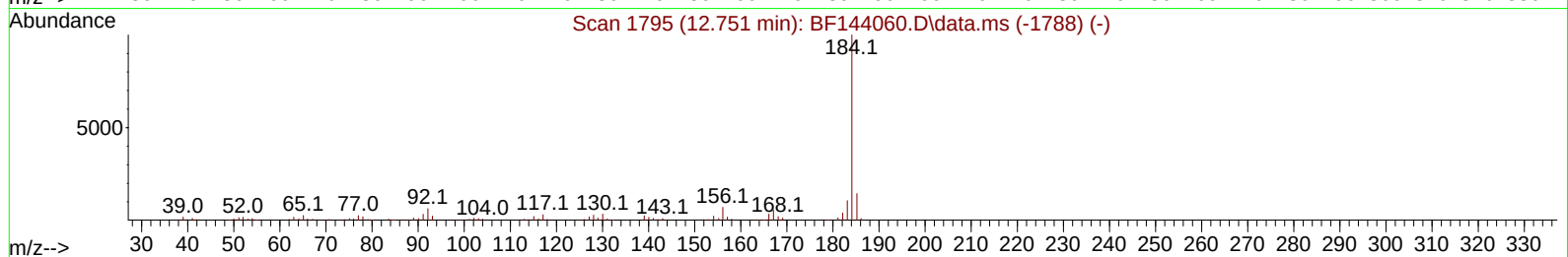
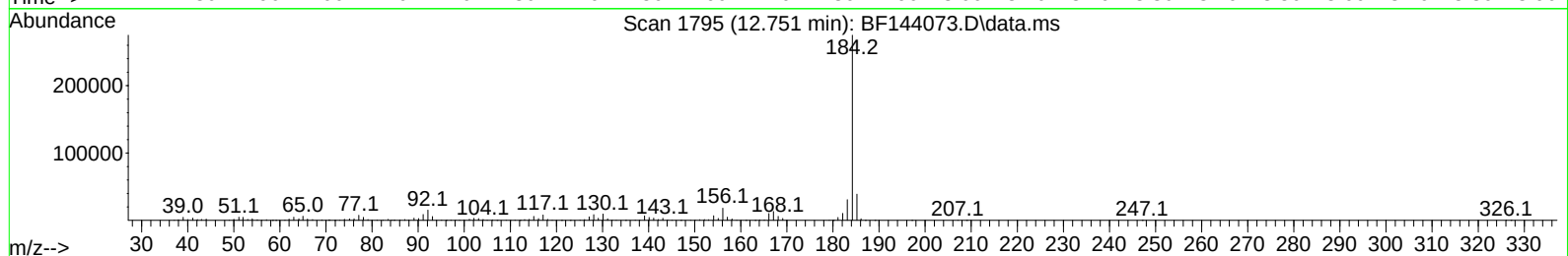
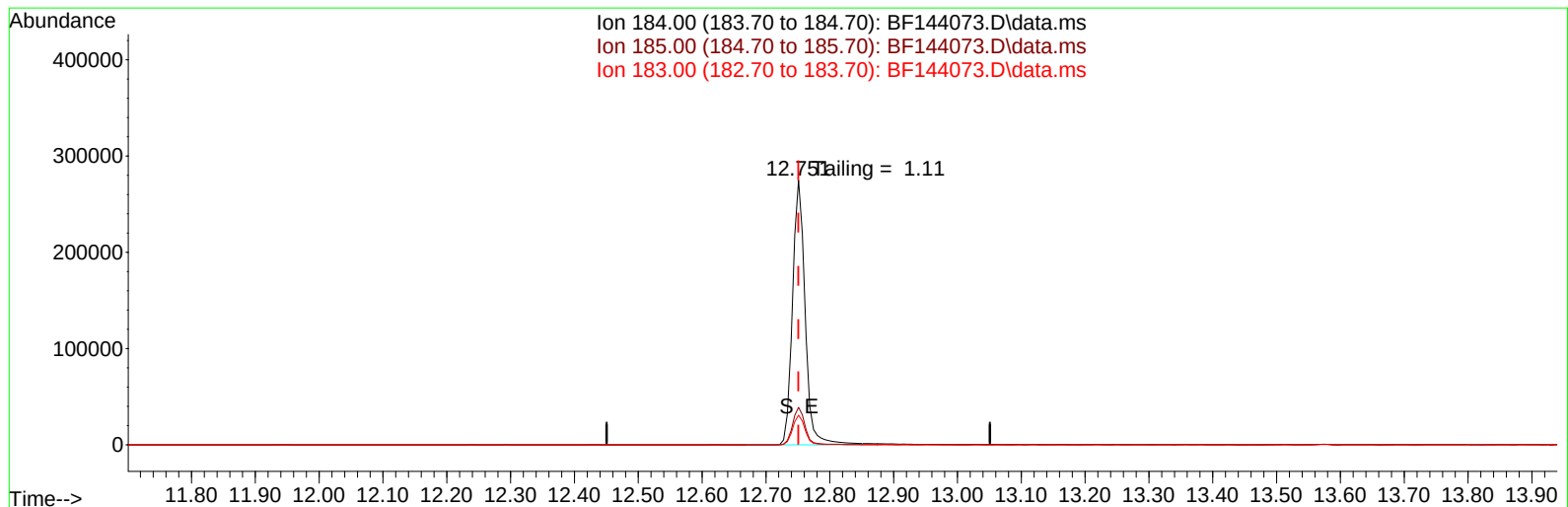
response 108593

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 60.30  | 62.12  |
| 264.00 | 61.70  | 60.72  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144073.D  
Acq On : 27 Oct 2025 09:29  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 27 11:44:22 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration



TIC: BF144073.D\data.ms

**(77) Benzidine**

12.751min (+ 0.000) 21247.29 ng m

response 380221

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.50  | 14.21  |
| 183.00 | 10.60  | 11.20  |
| 0.00   | 0.00   | 0.00   |

# DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/27/2025    | BNA_F            | <u>BF144073.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 178874           | 13.574             |
| DDD           | 2782             | 13.275             |
| DDE           | 115              | 12.992             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 2897          | 181771           | 1.59               |
|               |                  |                    |

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: PB170206BL  
Lab Sample ID: PB170206BL  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:  
Date Received:  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 100  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 270   | U    | 1  | 160  | 270  | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 108-95-2       | Phenol                      | 130   | U    | 1  | 22.1 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 130   | U    | 1  | 24.3 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 95-57-8        | 2-Chlorophenol              | 130   | U    | 1  | 24.4 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 95-48-7        | 2-Methylphenol              | 130   | U    | 1  | 29.9 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 130   | U    | 1  | 37.5 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 98-86-2        | Acetophenone                | 130   | U    | 1  | 29.5 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 65794-96-9     | 3+4-Methylphenols           | 270   | U    | 1  | 41.1 | 270  | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 80.0  | U    | 1  | 47.4 | 80.0 | 80.0       | ug/Kg | 10/27/25 10:57 | PB170206     |
| 67-72-1        | Hexachloroethane            | 130   | U    | 1  | 17.6 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 98-95-3        | Nitrobenzene                | 130   | U    | 1  | 18.3 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 78-59-1        | Isophorone                  | 130   | U    | 1  | 32.8 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 88-75-5        | 2-Nitrophenol               | 130   | U    | 1  | 58.2 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 105-67-9       | 2,4-Dimethylphenol          | 130   | U    | 1  | 64.8 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 130   | U    | 1  | 30.8 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 120-83-2       | 2,4-Dichlorophenol          | 130   | U    | 1  | 28.3 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 91-20-3        | Naphthalene                 | 130   | U    | 1  | 22.7 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 106-47-8       | 4-Chloroaniline             | 130   | U    | 1  | 35.4 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 87-68-3        | Hexachlorobutadiene         | 130   | U    | 1  | 25.3 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 105-60-2       | Caprolactam                 | 270   | U    | 1  | 52.1 | 270  | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 130   | U    | 1  | 28.7 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 91-57-6        | 2-Methylnaphthalene         | 130   | U    | 1  | 25.6 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 77-47-4        | Hexachlorocyclopentadiene   | 270   | U    | 1  | 120  | 270  | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 130   | U    | 1  | 19.8 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 130   | U    | 1  | 29.1 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 92-52-4        | 1,1-Biphenyl                | 130   | U    | 1  | 21.8 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 91-58-7        | 2-Chloronaphthalene         | 130   | U    | 1  | 22.5 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 88-74-4        | 2-Nitroaniline              | 130   | U    | 1  | 48.1 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 131-11-3       | Dimethylphthalate           | 130   | U    | 1  | 27.1 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 208-96-8       | Acenaphthylene              | 130   | U    | 1  | 28.9 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 606-20-2       | 2,6-Dinitrotoluene          | 130   | U    | 1  | 33.6 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 99-09-2        | 3-Nitroaniline              | 130   | U    | 1  | 46.0 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 83-32-9        | Acenaphthene                | 130   | U    | 1  | 21.3 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 51-28-5        | 2,4-Dinitrophenol           | 270   | U    | 1  | 230  | 270  | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 100-02-7       | 4-Nitrophenol               | 270   | U    | 1  | 110  | 270  | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 132-64-9       | Dibenzofuran                | 130   | U    | 1  | 22.7 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 121-14-2       | 2,4-Dinitrotoluene          | 130   | U    | 1  | 50.1 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 84-66-2        | Diethylphthalate            | 130   | U    | 1  | 28.3 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 130   | U    | 1  | 26.7 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 86-73-7        | Fluorene                    | 130   | U    | 1  | 25.3 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 100-01-6       | 4-Nitroaniline              | 130   | U    | 1  | 64.2 | 130  | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 270   | U    | 1  | 100  | 270  | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: PB170206BL  
Lab Sample ID: PB170206BL  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:  
Date Received:  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 100  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOD | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|-----|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 130   | U    | 1  | 32.9 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 130   | U    | 1  | 27.8 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 118-74-1   | Hexachlorobenzene          | 130   | U    | 1  | 25.3 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 1912-24-9  | Atrazine                   | 130   | U    | 1  | 34.0 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 87-86-5    | Pentachlorophenol          | 270   | U    | 1  | 51.3 | 270 | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 85-01-8    | Phenanthrene               | 130   | U    | 1  | 20.9 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 120-12-7   | Anthracene                 | 130   | U    | 1  | 33.3 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 86-74-8    | Carbazole                  | 130   | U    | 1  | 31.2 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 84-74-2    | Di-n-butylphthalate        | 130   | U    | 1  | 47.9 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 206-44-0   | Fluoranthene               | 130   | U    | 1  | 30.0 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 129-00-0   | Pyrene                     | 130   | U    | 1  | 36.0 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 85-68-7    | Butylbenzylphthalate       | 130   | U    | 1  | 71.4 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 270   | U    | 1  | 36.7 | 270 | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 56-55-3    | Benzo(a)anthracene         | 130   | U    | 1  | 23.0 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 218-01-9   | Chrysene                   | 130   | U    | 1  | 19.9 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 130   | U    | 1  | 59.2 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 117-84-0   | Di-n-octyl phthalate       | 270   | U    | 1  | 86.8 | 270 | 330        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 205-99-2   | Benzo(b)fluoranthene       | 130   | U    | 1  | 19.0 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 207-08-9   | Benzo(k)fluoranthene       | 130   | U    | 1  | 22.4 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 50-32-8    | Benzo(a)pyrene             | 130   | U    | 1  | 29.5 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 130   | U    | 1  | 29.1 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 130   | U    | 1  | 27.4 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 191-24-2   | Benzo(g,h,i)perylene       | 130   | U    | 1  | 25.7 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 130   | U    | 1  | 25.6 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 123-91-1   | 1,4-Dioxane                | 130   | U    | 1  | 45.2 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 130   | U    | 1  | 27.4 | 130 | 170        | ug/Kg | 10/27/25 10:57 | PB170206     |

### SURROGATES

|            |                      |      |  |          |      |          |
|------------|----------------------|------|--|----------|------|----------|
| 367-12-4   | 2-Fluorophenol       | 125  |  | 35 - 115 | 84%  | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 129  |  | 34 - 127 | 86%  | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 86.7 |  | 37 - 122 | 87%  | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 84.7 |  | 44 - 115 | 85%  | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 152  |  | 39 - 132 | 102% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 105  |  | 54 - 127 | 105% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 68900  |
| 1146-65-2  | Naphthalene-d8         | 265000 |
| 15067-26-2 | Acenaphthene-d10       | 152000 |
| 1517-22-2  | Phenanthrene-d10       | 284000 |
| 1719-03-5  | Chrysene-d12           | 170000 |
| 1520-96-3  | Perylene-d12           | 194000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                 |     |   |      |       |
|-------------|---------------------------------|-----|---|------|-------|
| 006311-48-4 | (1,1-Biphenyl)-4,4-diamine, N,N | 240 | J | 17.2 | ug/Kg |
|-------------|---------------------------------|-----|---|------|-------|



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

## Report of Analysis

|                    |                                            |                     |                 |                  |
|--------------------|--------------------------------------------|---------------------|-----------------|------------------|
| Client:            | ICE Service Group, Inc.                    |                     | Date Collected: |                  |
| Project:           | NWIRP Northrup Grumman Site – Bethpage, NY |                     | Date Received:  |                  |
| Client Sample ID:  | PB170206BL                                 |                     | SDG No.:        | Q3399            |
| Lab Sample ID:     | PB170206BL                                 |                     | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                      | Level : LOW         | % Solid:        | 100              |
| Sample Wt/Vol:     | 30.01 g                                    | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3510C                                    | Prep Date: 10/22/25 |                 |                  |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144075.D  
Acq On : 27 Oct 2025 10:57  
Operator : RC/JU  
Sample : PB170206BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

Quant Time: Oct 27 11:41:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 68934    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 265265   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 152247   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 283532   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 170424   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 194021   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 546480   | 125.423 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 621663   | 129.191 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 419701   | 86.684  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 295457   | 152.350 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.240  | 172  | 915894   | 84.656  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 1023205  | 104.961 | ng    | 0.00     |

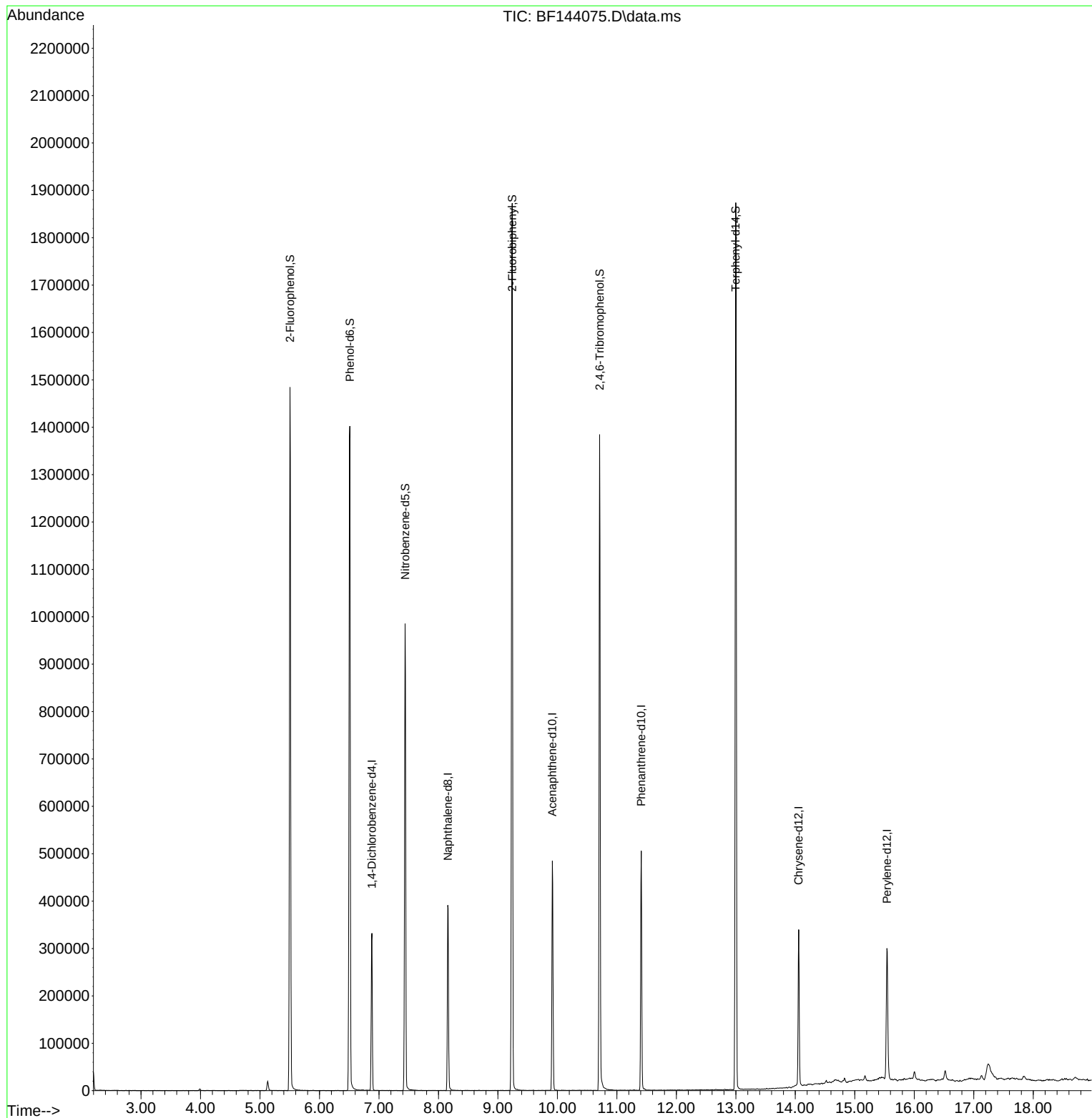
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

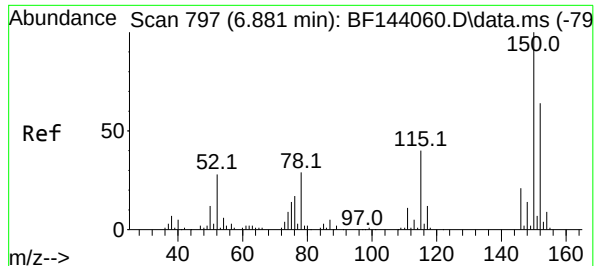
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Data File : BF144075.D  
Acq On : 27 Oct 2025 10:57  
Operator : RC/JU  
Sample : PB170206BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

Quant Time: Oct 27 11:41:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration



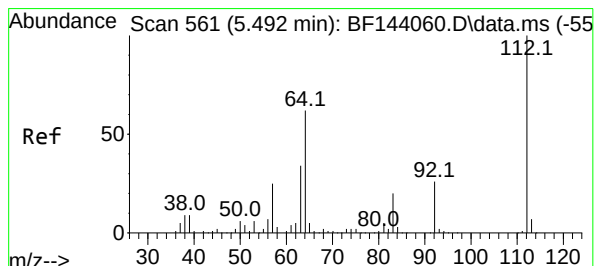
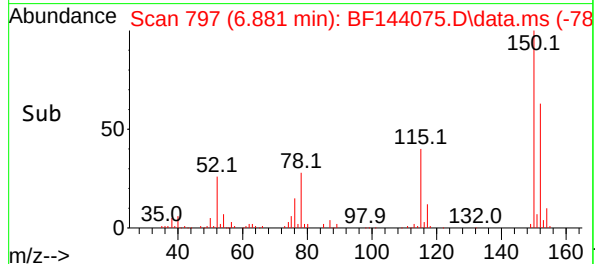
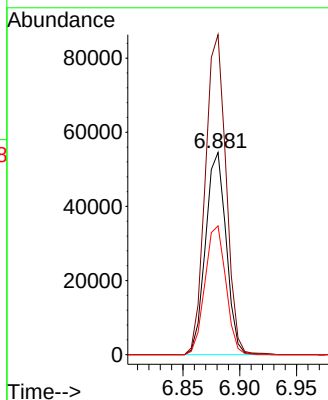
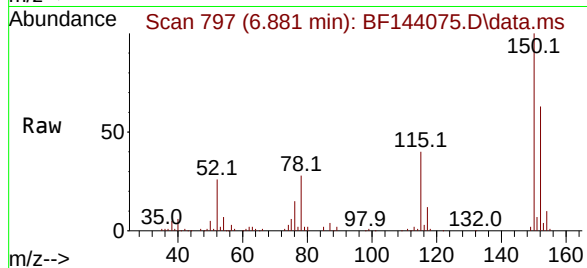




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: BF144075.D  
Acq: 27 Oct 2025 10:57

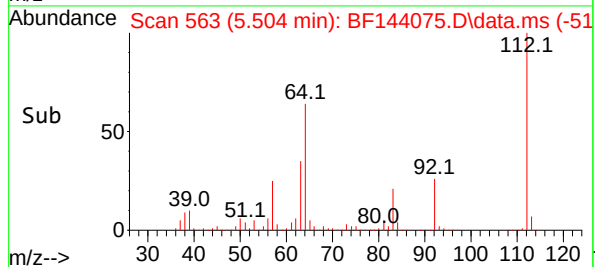
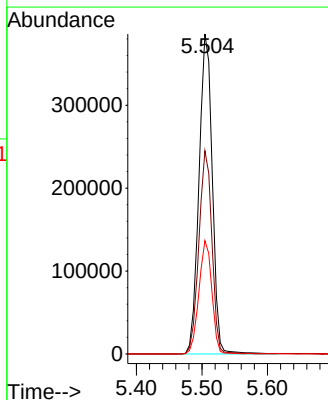
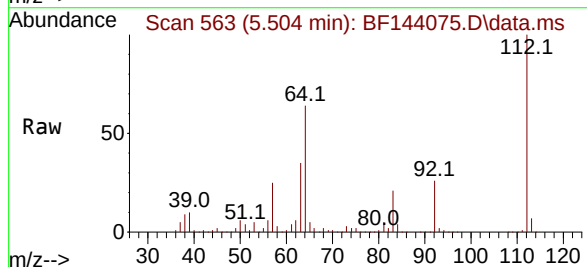
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

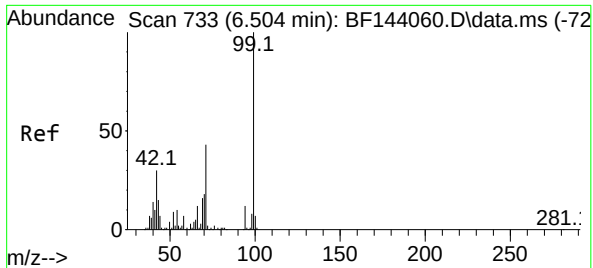
Tgt Ion:152 Resp: 68934  
Ion Ratio Lower Upper  
152 100  
150 158.3 124.4 186.6  
115 63.7 49.4 74.0



#5  
2-Fluorophenol  
Concen: 125.423 ng  
RT: 5.504 min Scan# 563  
Delta R.T. 0.012 min  
Lab File: BF144075.D  
Acq: 27 Oct 2025 10:57

Tgt Ion:112 Resp: 546480  
Ion Ratio Lower Upper  
112 100  
64 63.5 49.8 74.8  
63 35.4 27.4 41.2

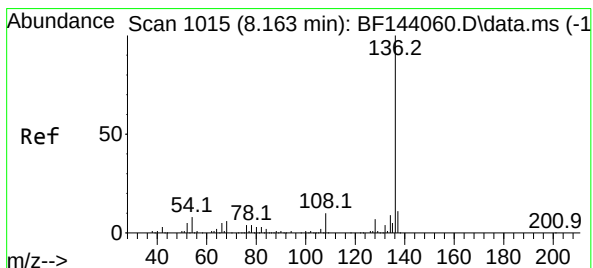
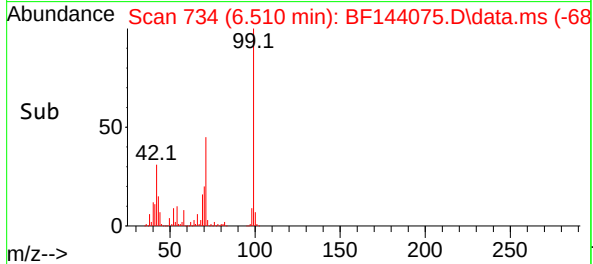
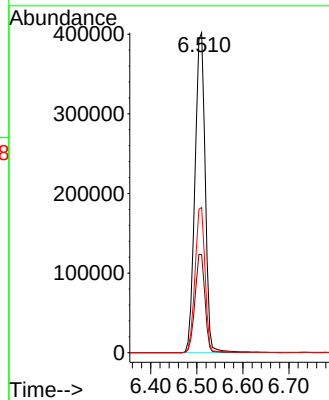
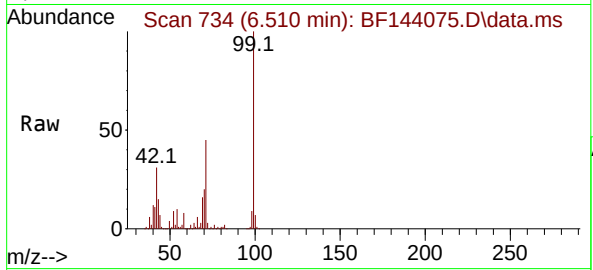




#7  
Phenol-d6  
Concen: 129.191 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF144075.D  
Acq: 27 Oct 2025 10:57

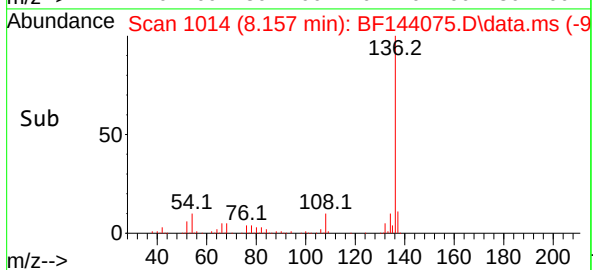
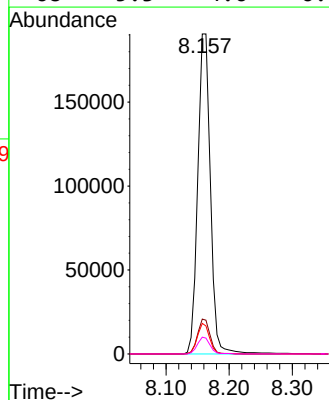
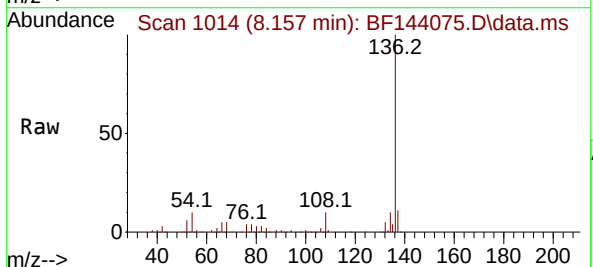
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

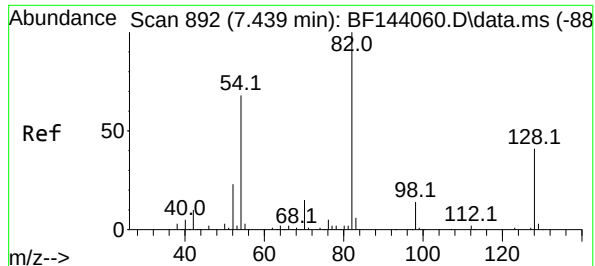
Tgt Ion: 99 Resp: 621663  
Ion Ratio Lower Upper  
99 100  
42 30.7 23.9 35.9  
71 45.3 34.4 51.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF144075.D  
Acq: 27 Oct 2025 10:57

Tgt Ion: 136 Resp: 265265  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.5 6.6 9.8  
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.684 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Instrument :

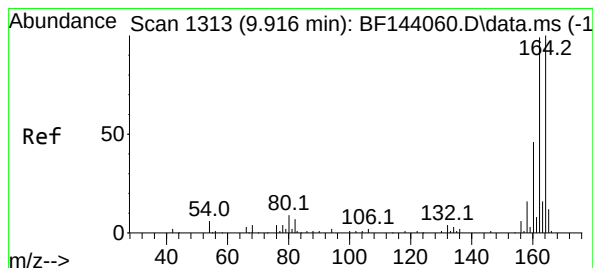
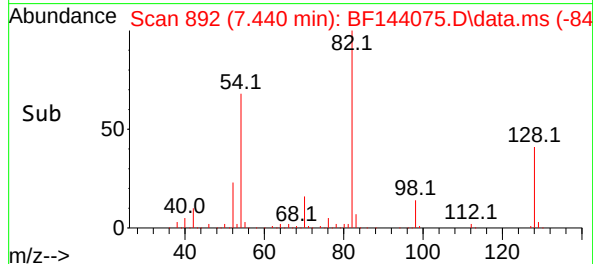
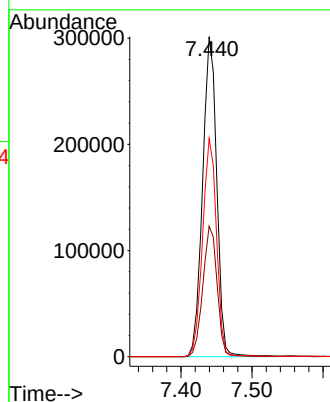
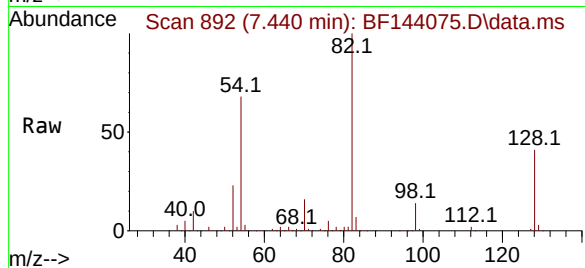
BNA\_F

ClientSampleId :

PB170206BL

Tgt Ion: 82 Resp: 419701

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.8  | 32.4  | 48.6  |
| 54  | 68.2  | 54.0  | 81.0  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

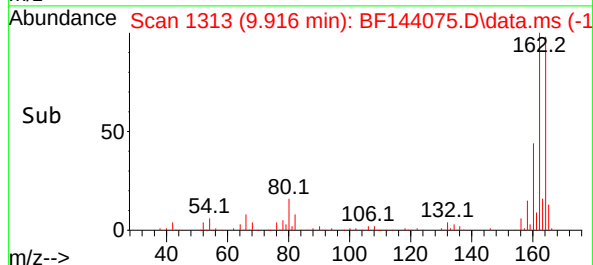
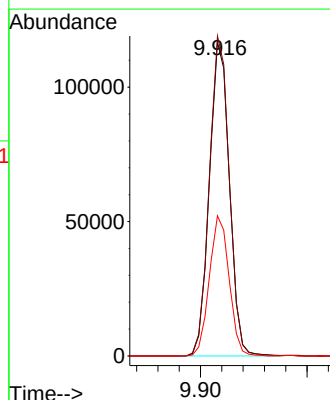
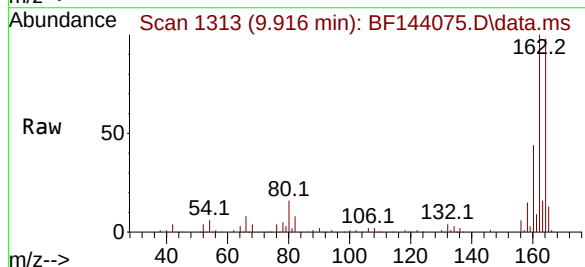
Delta R.T. 0.000 min

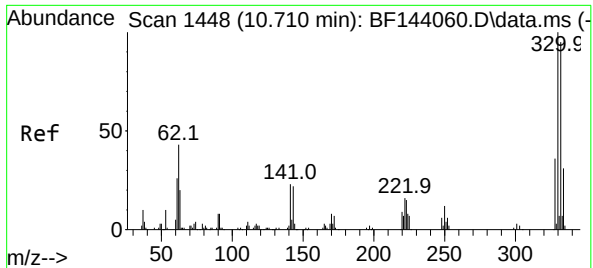
Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Tgt Ion:164 Resp: 152247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.0 | 79.4  | 119.2 |
| 160 | 44.7  | 36.7  | 55.1  |

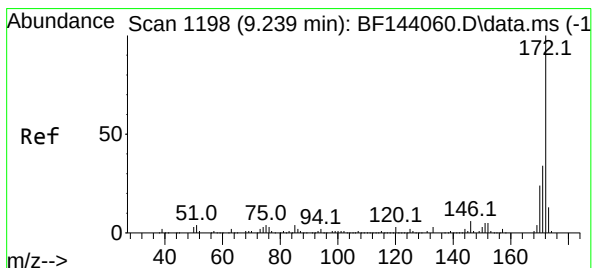
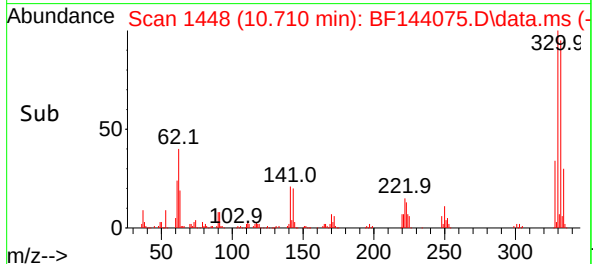
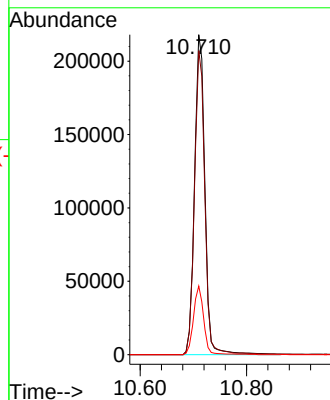
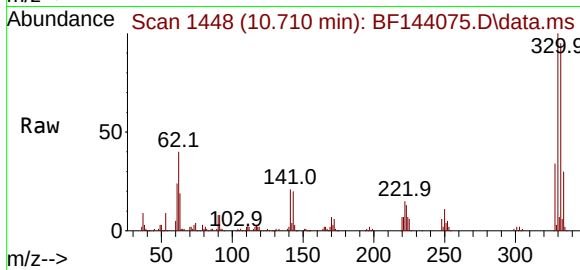




#42  
2,4,6-Tribromophenol  
Concen: 152.350 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF144075.D  
Acq: 27 Oct 2025 10:57

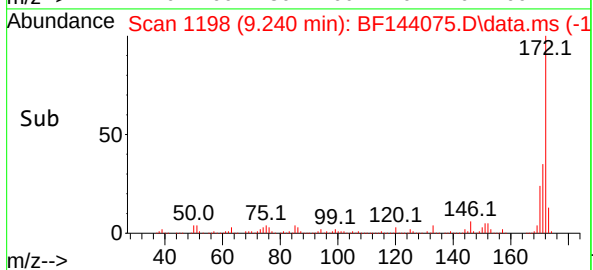
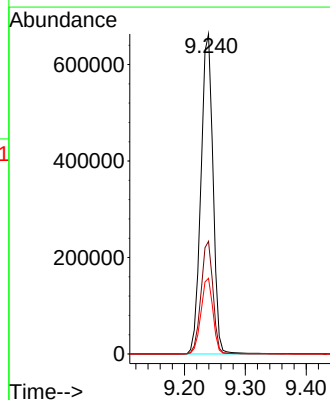
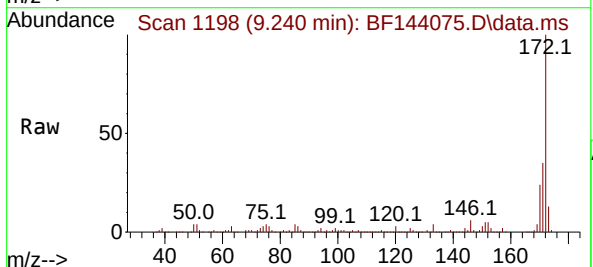
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

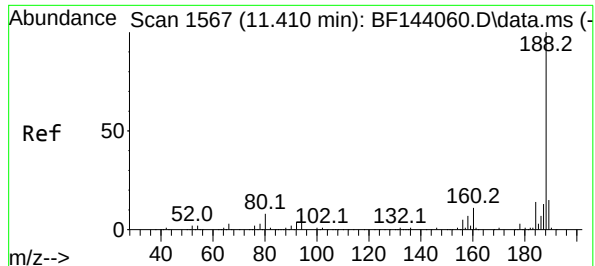
Tgt Ion:330 Resp: 295457  
Ion Ratio Lower Upper  
330 100  
332 94.9 77.0 115.6  
141 21.2 19.4 29.0



#45  
2-Fluorobiphenyl  
Concen: 84.656 ng  
RT: 9.240 min Scan# 1198  
Delta R.T. 0.000 min  
Lab File: BF144075.D  
Acq: 27 Oct 2025 10:57

Tgt Ion:172 Resp: 915894  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.5 41.3  
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

PB170206BL

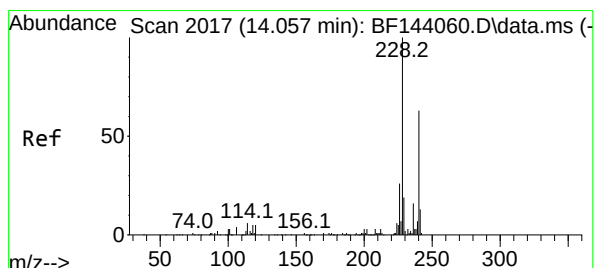
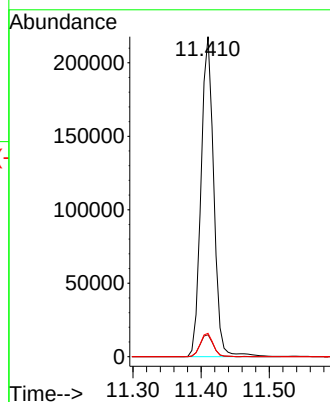
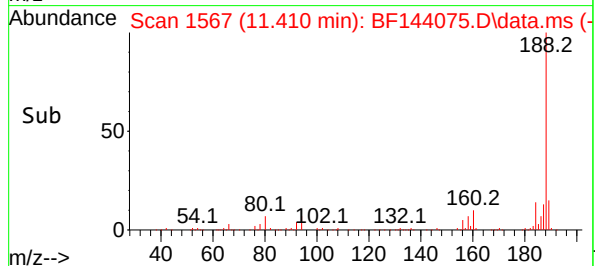
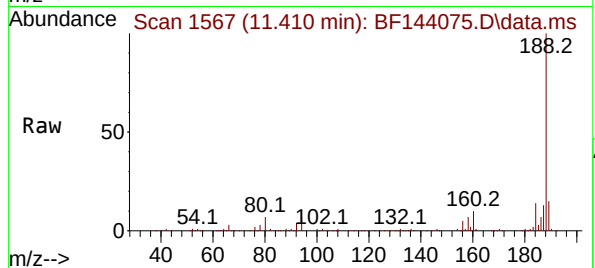
Tgt Ion:188 Resp: 283532

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.3 6.0 9.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

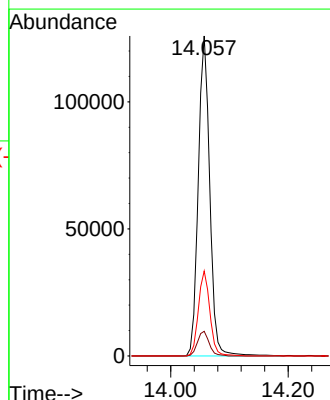
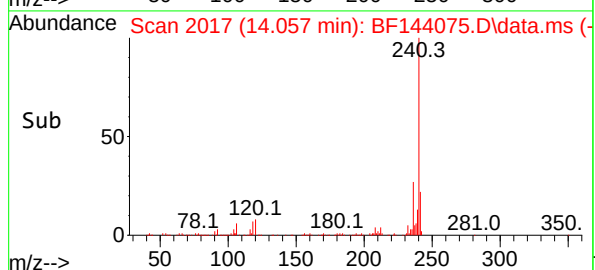
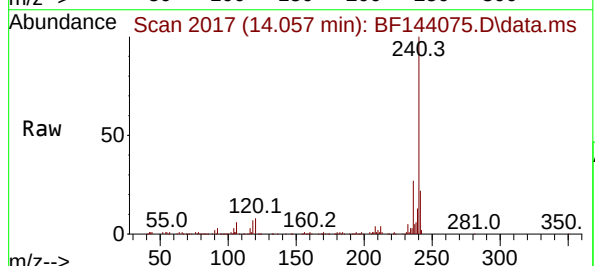
Tgt Ion:240 Resp: 170424

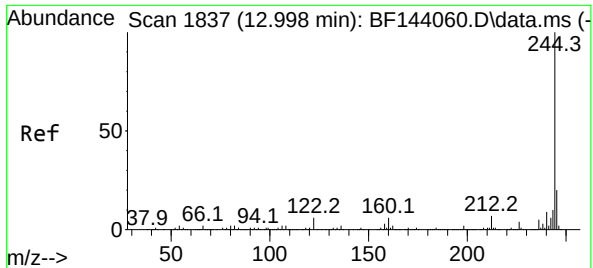
Ion Ratio Lower Upper

240 100

120 7.7 6.5 9.7

236 26.6 20.1 30.1





#79

Terphenyl-d14

Concen: 104.961 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

PB170206BL

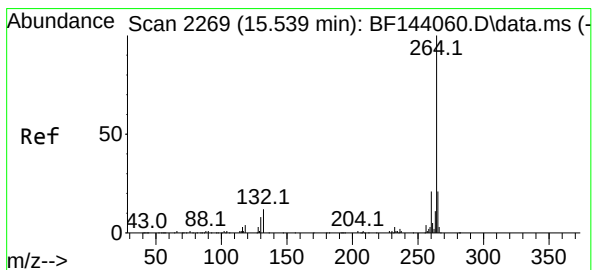
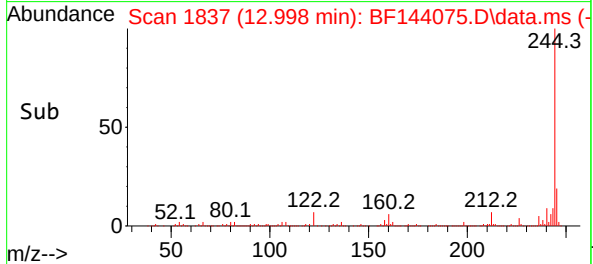
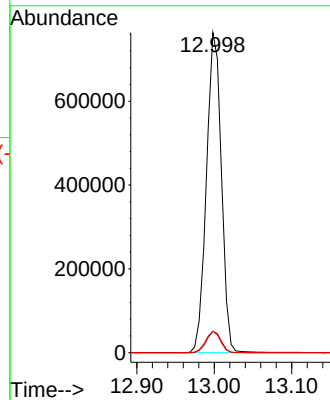
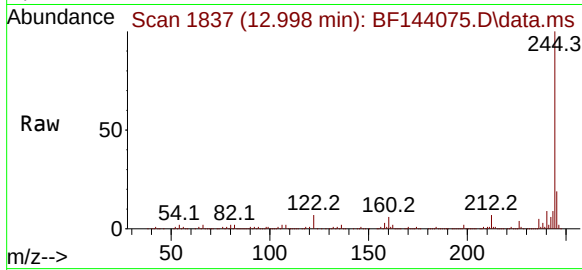
Tgt Ion:244 Resp: 1023205

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 6.7 4.9 7.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

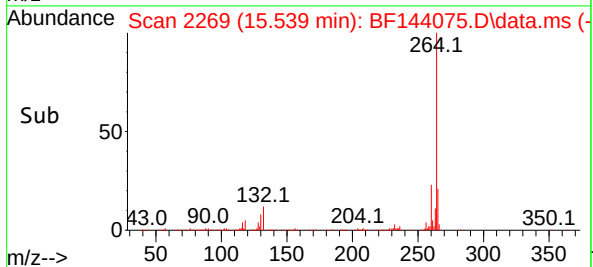
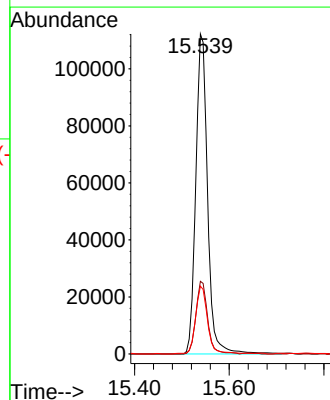
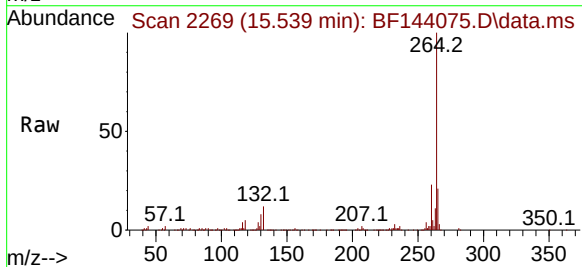
Tgt Ion:264 Resp: 194021

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.4

265 21.2 16.6 24.8



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144075.D  
 Acq On : 27 Oct 2025 10:57  
 Operator : RC/JU  
 Sample : PB170206BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170206BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144075.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.128       | 489           | 499         | 507          | rBV      | 19477          | 32730         | 1.28%           | 0.206%        |
| 2         | 5.504       | 557           | 563         | 583          | rBV      | 1484265        | 2069713       | 80.83%          | 13.048%       |
| 3         | 6.510       | 727           | 734         | 739          | rBV      | 1401860        | 2103579       | 82.15%          | 13.261%       |
| 4         | 6.881       | 792           | 797         | 802          | rBV      | 331454         | 421603        | 16.46%          | 2.658%        |
| 5         | 7.440       | 886           | 892         | 909          | rBV      | 984902         | 1362695       | 53.22%          | 8.591%        |
| 6         | 8.157       | 1009          | 1014        | 1026         | rBV      | 391022         | 532840        | 20.81%          | 3.359%        |
| 7         | 9.240       | 1191          | 1198        | 1203         | rBV      | 1872622        | 2560662       | 100.00%         | 16.143%       |
| 8         | 9.916       | 1308          | 1313        | 1322         | rBV      | 484146         | 622400        | 24.31%          | 3.924%        |
| 9         | 10.710      | 1442          | 1448        | 1469         | rBV      | 1384293        | 1855156       | 72.45%          | 11.695%       |
| 10        | 11.410      | 1561          | 1567        | 1575         | rBV      | 504845         | 647743        | 25.30%          | 4.083%        |
| 11        | 12.998      | 1831          | 1837        | 1843         | rBV      | 1872000        | 2483383       | 96.98%          | 15.655%       |
| 12        | 14.057      | 2012          | 2017        | 2026         | rVB      | 328753         | 435157        | 16.99%          | 2.743%        |
| 13        | 15.539      | 2263          | 2269        | 2281         | rVB      | 277218         | 487115        | 19.02%          | 3.071%        |
| 14        | 16.004      | 2344          | 2348        | 2356         | rVB2     | 16395          | 32391         | 1.26%           | 0.204%        |
| 15        | 16.521      | 2431          | 2436        | 2446         | rVB3     | 19507          | 42115         | 1.64%           | 0.265%        |
| 16        | 17.245      | 2548          | 2559        | 2575         | rBV4     | 32360          | 173415        | 6.77%           | 1.093%        |

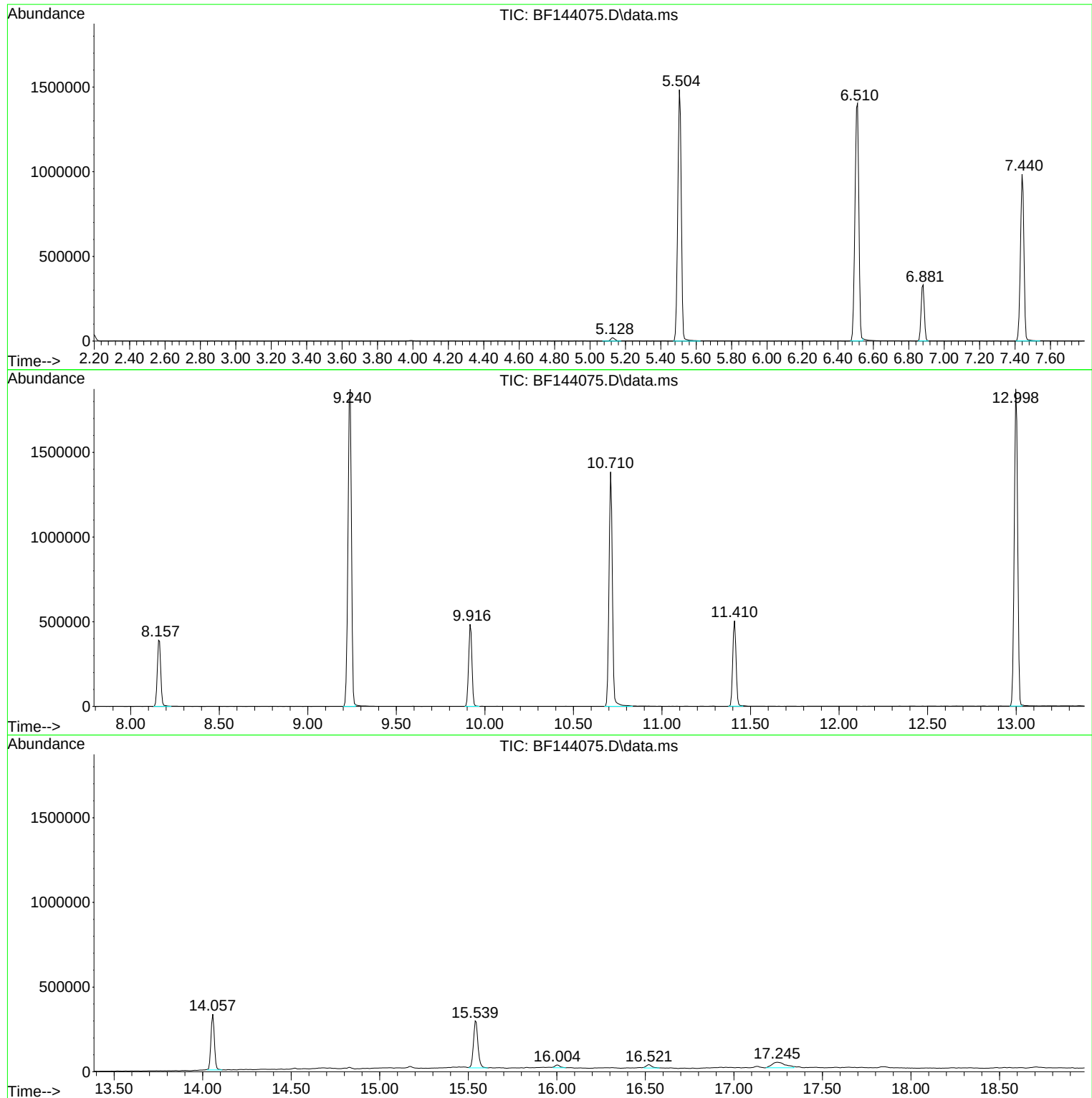
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144075.D  
Acq On : 27 Oct 2025 10:57  
Operator : RC/JU  
Sample : PB170206BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144075.D  
Acq On : 27 Oct 2025 10:57  
Operator : RC/JU  
Sample : PB170206BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

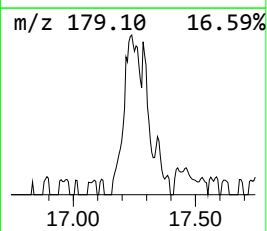
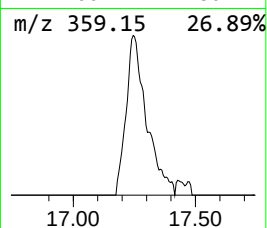
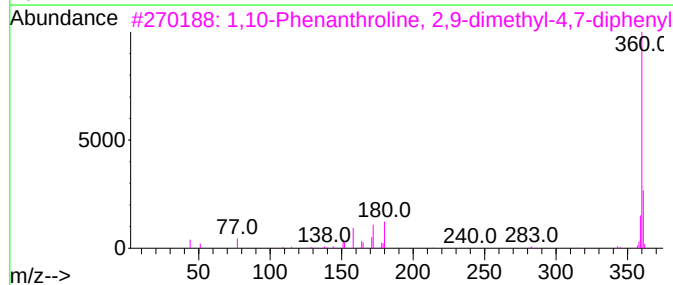
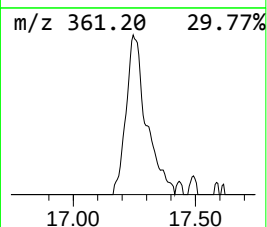
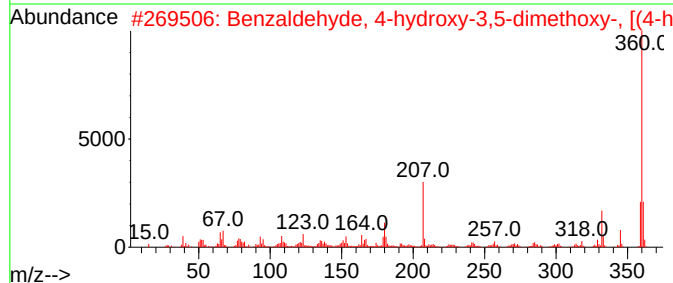
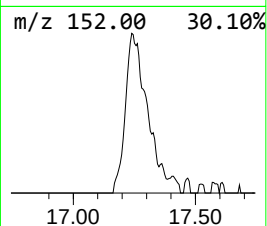
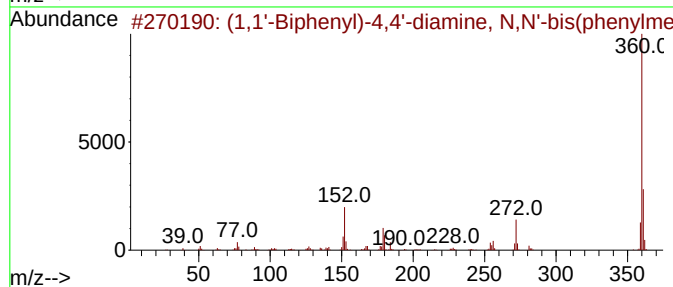
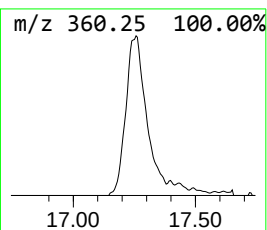
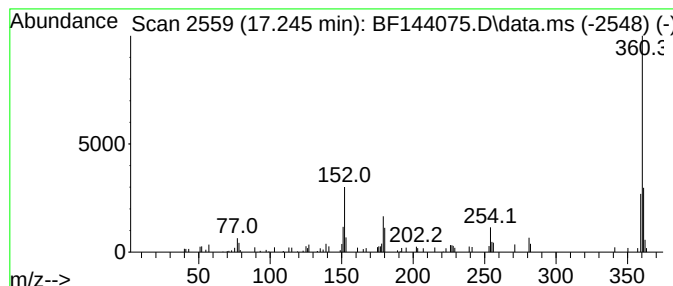
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.245 | 7.12 ng | 173415 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360 | C26H20N2   | 006311-48-4  | 87   |
| 2    |    |   | Benzaldehyde, 4-hydroxy-3,5-dime... | 360 | C18H20N2O6 | 014414-32-5  | 58   |
| 3    |    |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2   | 004733-39-5  | 52   |
| 4    |    |   | Ethene, 1-(anthracen-9-yl)-2-(4-... | 360 | C27H20O    | 1000163-55-1 | 50   |
| 5    |    |   | 1,3,2-Dioxaborolane, bis(spiro[4... | 360 | C20H13B06  | 1000150-23-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144075.D  
Acq On : 27 Oct 2025 10:57  
Operator : RC/JU  
Sample : PB170206BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (1,1'-Biphenyl)... | 17.245 | 7.1     | ng    | 173415   | 6                     | 15.539 | 487115 | 20.0 |



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: PB170206BS  
Lab Sample ID: PB170206BS  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:  
Date Received:  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 100  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 830   |      | 1  | 160  | 270  | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 108-95-2       | Phenol                      | 1300  |      | 1  | 22.1 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1400  |      | 1  | 24.3 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 95-57-8        | 2-Chlorophenol              | 1300  |      | 1  | 24.4 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 95-48-7        | 2-Methylphenol              | 1400  |      | 1  | 29.9 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1400  |      | 1  | 37.5 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 98-86-2        | Acetophenone                | 1600  |      | 1  | 29.5 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 65794-96-9     | 3+4-Methylphenols           | 1400  |      | 1  | 41.1 | 270  | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1500  |      | 1  | 47.4 | 79.9 | 79.9       | ug/Kg | 10/27/25 11:27 | PB170206     |
| 67-72-1        | Hexachloroethane            | 1300  |      | 1  | 17.6 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 98-95-3        | Nitrobenzene                | 1400  |      | 1  | 18.3 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 78-59-1        | Isophorone                  | 1500  |      | 1  | 32.8 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 88-75-5        | 2-Nitrophenol               | 1500  |      | 1  | 58.1 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 105-67-9       | 2,4-Dimethylphenol          | 1600  |      | 1  | 64.7 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1500  |      | 1  | 30.8 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 120-83-2       | 2,4-Dichlorophenol          | 1400  |      | 1  | 28.3 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 91-20-3        | Naphthalene                 | 1400  |      | 1  | 22.7 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 106-47-8       | 4-Chloroaniline             | 770   |      | 1  | 35.4 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 87-68-3        | Hexachlorobutadiene         | 1300  |      | 1  | 25.3 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 105-60-2       | Caprolactam                 | 1600  |      | 1  | 52.0 | 270  | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1500  |      | 1  | 28.7 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 91-57-6        | 2-Methylnaphthalene         | 1300  |      | 1  | 25.6 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 77-47-4        | Hexachlorocyclopentadiene   | 4500  | E    | 1  | 120  | 270  | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1400  |      | 1  | 19.8 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1500  |      | 1  | 29.1 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 92-52-4        | 1,1-Biphenyl                | 1500  |      | 1  | 21.8 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 91-58-7        | 2-Chloronaphthalene         | 1400  |      | 1  | 22.5 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 88-74-4        | 2-Nitroaniline              | 1500  |      | 1  | 48.1 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 131-11-3       | Dimethylphthalate           | 1500  |      | 1  | 27.1 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 208-96-8       | Acenaphthylene              | 1600  |      | 1  | 28.9 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 606-20-2       | 2,6-Dinitrotoluene          | 1600  |      | 1  | 33.6 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 99-09-2        | 3-Nitroaniline              | 980   |      | 1  | 46.0 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 83-32-9        | Acenaphthene                | 1500  |      | 1  | 21.3 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 51-28-5        | 2,4-Dinitrophenol           | 3200  | E    | 1  | 230  | 270  | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 100-02-7       | 4-Nitrophenol               | 2800  | E    | 1  | 110  | 270  | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 132-64-9       | Dibenzofuran                | 1400  |      | 1  | 22.7 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 121-14-2       | 2,4-Dinitrotoluene          | 1500  |      | 1  | 50.0 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 84-66-2        | Diethylphthalate            | 1500  |      | 1  | 28.3 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1400  |      | 1  | 26.7 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 86-73-7        | Fluorene                    | 1400  |      | 1  | 25.3 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 100-01-6       | 4-Nitroaniline              | 1400  |      | 1  | 64.1 | 130  | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 1400  |      | 1  | 100  | 270  | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: PB170206BS  
Lab Sample ID: PB170206BS  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:  
Date Received:  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 100  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOD | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|-----|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 1500  |      | 1  | 32.9 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1400  |      | 1  | 27.8 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 118-74-1   | Hexachlorobenzene          | 1500  |      | 1  | 25.3 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 1912-24-9  | Atrazine                   | 1400  |      | 1  | 34.0 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 87-86-5    | Pentachlorophenol          | 3000  | E    | 1  | 51.2 | 270 | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 85-01-8    | Phenanthrene               | 1400  |      | 1  | 20.9 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 120-12-7   | Anthracene                 | 1400  |      | 1  | 33.3 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 86-74-8    | Carbazole                  | 1400  |      | 1  | 31.2 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 84-74-2    | Di-n-butylphthalate        | 1300  |      | 1  | 47.9 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 206-44-0   | Fluoranthene               | 1200  |      | 1  | 30.0 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 129-00-0   | Pyrene                     | 1700  |      | 1  | 36.0 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 85-68-7    | Butylbenzylphthalate       | 1500  |      | 1  | 71.3 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1000  |      | 1  | 36.7 | 270 | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 56-55-3    | Benzo(a)anthracene         | 1500  |      | 1  | 23.0 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 218-01-9   | Chrysene                   | 1400  |      | 1  | 19.9 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1400  |      | 1  | 59.1 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 117-84-0   | Di-n-octyl phthalate       | 1400  |      | 1  | 86.7 | 270 | 330        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 205-99-2   | Benzo(b)fluoranthene       | 1500  |      | 1  | 19.0 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 207-08-9   | Benzo(k)fluoranthene       | 1400  |      | 1  | 22.4 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 50-32-8    | Benzo(a)pyrene             | 1600  |      | 1  | 29.5 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1500  |      | 1  | 29.1 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1500  |      | 1  | 27.4 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 191-24-2   | Benzo(g,h,i)perylene       | 1600  |      | 1  | 25.7 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1500  |      | 1  | 25.6 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 123-91-1   | 1,4-Dioxane                | 1100  |      | 1  | 45.2 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1600  |      | 1  | 27.4 | 130 | 170        | ug/Kg | 10/27/25 11:27 | PB170206     |

### SURROGATES

|            |                      |      |  |  |          |     |          |
|------------|----------------------|------|--|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 108  |  |  | 35 - 115 | 72% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 112  |  |  | 34 - 127 | 75% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 78.4 |  |  | 37 - 122 | 78% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 77.8 |  |  | 44 - 115 | 78% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 121  |  |  | 39 - 132 | 81% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 95.7 |  |  | 54 - 127 | 96% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 61700  |
| 1146-65-2  | Naphthalene-d8         | 230000 |
| 15067-26-2 | Acenaphthene-d10       | 127000 |
| 1517-22-2  | Phenanthrene-d10       | 219000 |
| 1719-03-5  | Chrysene-d12           | 126000 |
| 1520-96-3  | Perylene-d12           | 171000 |



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

## Report of Analysis

|                    |                                            |                 |                  |
|--------------------|--------------------------------------------|-----------------|------------------|
| Client:            | ICE Service Group, Inc.                    | Date Collected: |                  |
| Project:           | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received:  |                  |
| Client Sample ID:  | PB170206BS                                 | SDG No.:        | Q3399            |
| Lab Sample ID:     | PB170206BS                                 | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                      | % Solid:        | 100              |
| Sample Wt/Vol:     | 30.03 g                                    | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3510C                                    |                 |                  |
|                    | Level : LOW                                |                 |                  |
|                    | Final Vol: 1000 uL                         |                 |                  |
|                    | Prep Date: 10/22/25                        |                 |                  |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144076.D  
 Acq On : 27 Oct 2025 11:27  
 Operator : RC/JU  
 Sample : PB170206BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

PB170206BS

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025

Quant Time: Oct 27 11:51:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 17:30:25 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 61653    | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 230299   | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 126935   | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 219220   | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 125508   | 20.000  | ng     | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 170803   | 20.000  | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 420955   | 108.023 | ng     | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 483175   | 112.270 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.446  | 82   | 329493   | 78.385  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 196142   | 121.307 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.240  | 172  | 702060   | 77.831  | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 687311   | 95.737  | ng     | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 2.711  | 88   | 55486    | 32.950  | ng     | 95       |
| 3) Pyridine                   | 3.475  | 79   | 162952   | 36.146  | ng     | 98       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 112032   | 40.443  | ng     | 98       |
| 6) Aniline                    | 6.546  | 93   | 197243   | 32.035  | ng     | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 154526   | 40.266  | ng     | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 83201    | 24.900  | ng     | 98       |
| 10) Phenol                    | 6.522  | 94   | 208508   | 39.271  | ng     | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 157180   | 40.968  | ng     | 97       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 194241   | 41.031  | ng     | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 197064   | 42.240  | ng     | 98       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 188767   | 41.817  | ng     | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 152455   | 43.566  | ng     | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 299293   | 41.507  | ng     | 97       |
| 17) 2-Methylphenol            | 7.134  | 107  | 121478   | 41.157  | ng     | 98       |
| 18) Hexachloroethane          | 7.393  | 117  | 66701    | 39.990  | ng     | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.293  | 70   | 122621   | 44.060  | ng     | 96       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 149120   | 42.737  | ng     | 93       |
| 22) Acetophenone              | 7.287  | 105  | 234112   | 47.038  | ng     | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 183540   | 41.276  | ng     | 100      |
| 25) Isophorone                | 7.698  | 82   | 329004   | 44.768  | ng     | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 92552    | 43.752  | ng     | 94       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 149796   | 47.652  | ng     | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 200900   | 43.835  | ng     | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 153673   | 42.036  | ng     | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 166768   | 44.342  | ng     | 97       |
| 31) Naphthalene               | 8.187  | 128  | 449660   | 41.369  | ng     | 99       |
| 32) Benzoic acid              | 7.934  | 122  | 101741   | 51.023  | ng     | 87       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 87921    | 23.236  | ng     | 97       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 124657   | 40.536  | ng     | 98       |
| 35) Caprolactam               | 8.598  | 113  | 43523m   | 47.476  | ng     |          |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 142318   | 44.115  | ng     | 98       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 277936   | 38.783  | ng     | 96       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 282025   | 41.538  | ng     | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 193244   | 44.297  | ng     | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 180317   | 133.824 | ng     | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 121463   | 42.835  | ng     | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144076.D  
 Acq On : 27 Oct 2025 11:27  
 Operator : RC/JU  
 Sample : PB170206BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170206BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025  
 Supervised By :mohammad ahmed 10/30/2025

Quant Time: Oct 27 11:51:04 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 131752   | 44.272 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 416023   | 45.784 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 317814   | 41.749 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 100849   | 44.613 | ng    | 98       |
| 49) Acenaphthylene            | 9.781  | 152  | 488250   | 47.567 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 365152   | 43.887 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 76797    | 46.689 | ng    | 94       |
| 52) Acenaphthene              | 9.957  | 154  | 309791   | 45.192 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 53614    | 29.317 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.987  | 184  | 84812    | 95.333 | ng    | 96       |
| 55) Dibenzofuran              | 10.128 | 168  | 408424   | 42.917 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 103237   | 83.365 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 102869   | 46.338 | ng    | 95       |
| 58) Fluorene                  | 10.469 | 166  | 314278   | 43.341 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 101160m  | 48.238 | ng    |          |
| 60) Diethylphthalate          | 10.339 | 149  | 344494   | 44.027 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 176970   | 43.398 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 73871    | 42.632 | ng    | 96       |
| 63) Azobenzene                | 10.622 | 77   | 318812   | 43.049 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 60591    | 43.080 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 306085   | 43.700 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 118355   | 43.120 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 147792   | 43.904 | ng    | 97       |
| 69) Atrazine                  | 11.110 | 200  | 98315    | 42.776 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 143887   | 89.799 | ng    | 97       |
| 71) Phenanthrene              | 11.439 | 178  | 457094   | 41.974 | ng    | 98       |
| 72) Anthracene                | 11.486 | 178  | 467889   | 41.592 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 388915   | 40.617 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 470696   | 40.095 | ng    | 100      |
| 75) Fluoranthene              | 12.628 | 202  | 448694   | 37.294 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 125022   | 32.007 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 459771   | 50.955 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.475 | 149  | 154922   | 45.384 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 391028   | 46.101 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 89667    | 30.369 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 343256   | 43.126 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 197242   | 42.325 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 346250   | 43.204 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.057 | 276  | 537768   | 45.859 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 421925   | 43.695 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 387464   | 43.491 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 403459   | 46.574 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 430920   | 46.423 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.510 | 276  | 449738   | 48.190 | ng    | 98       |

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



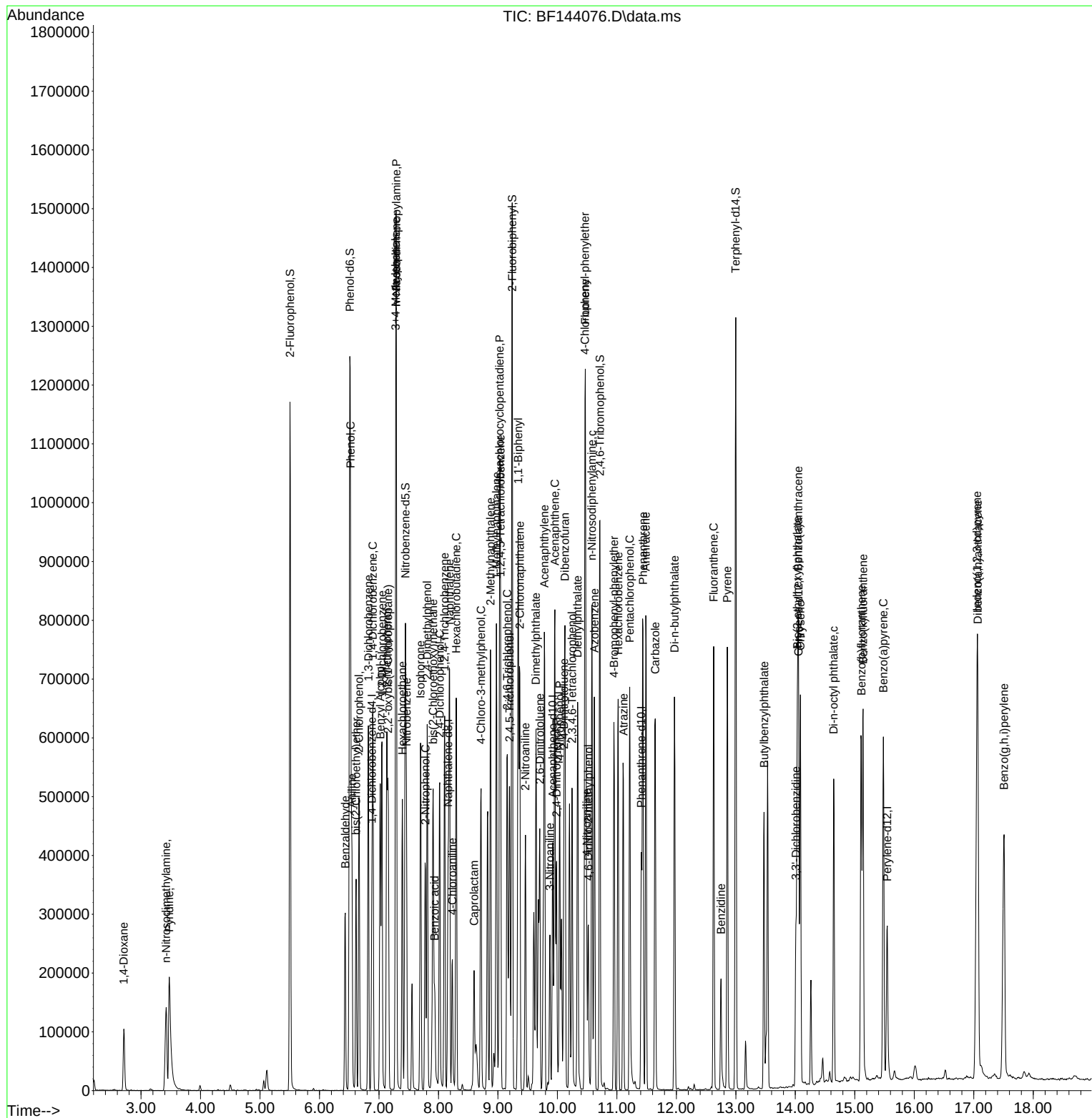
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Acq On    : 27 Oct 2025  11:27  
Operator  : RC/JU  
Sample    : PB170206BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB170206BS

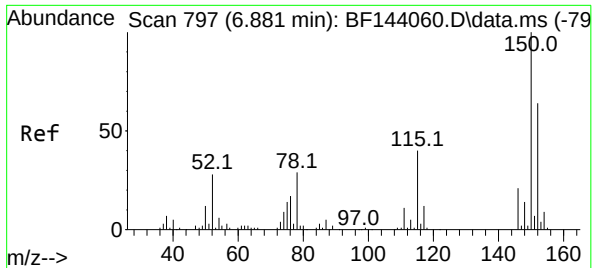
## Manual Integrations

Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

Quant Time: Oct 27 11:51:04 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

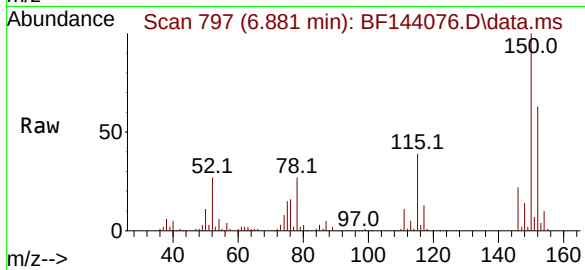






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

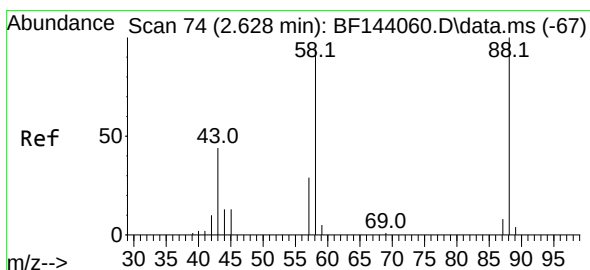
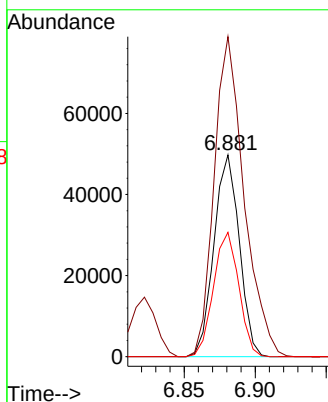
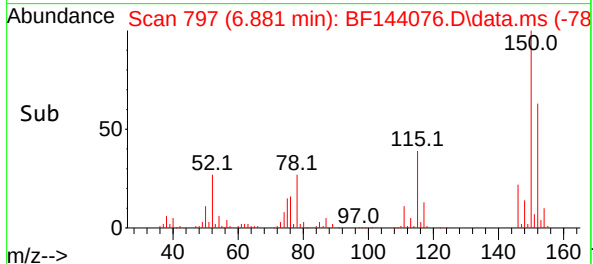
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ClientSampleId :  
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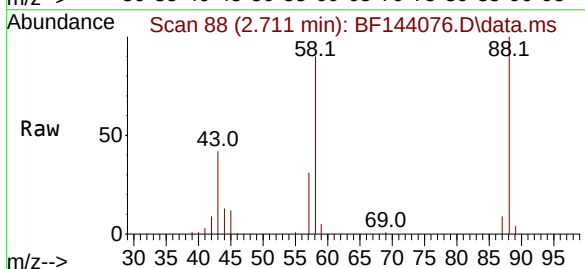
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Ion Ratio Lower Upper  
152 100  
150 158.6 124.4 186.6  
115 61.6 49.4 74.0

Manual Integrations  
APPROVED

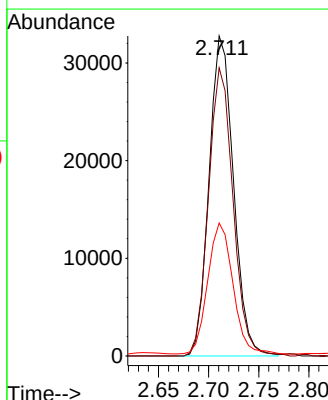
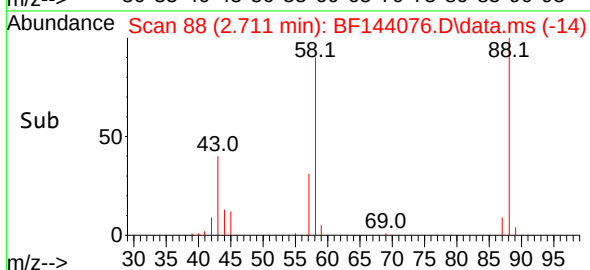
Reviewed By :Rahul Chavli 10/28/2025  
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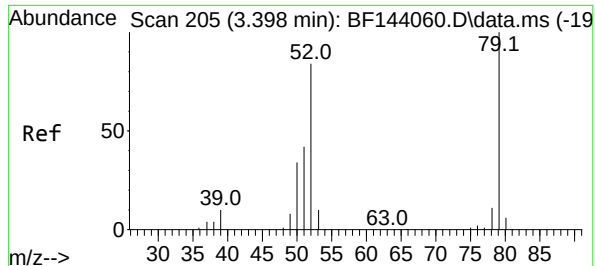


#2  
1,4-Dioxane  
Concen: 32.950 ng  
RT: 2.711 min Scan# 88  
Delta R.T. 0.083 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



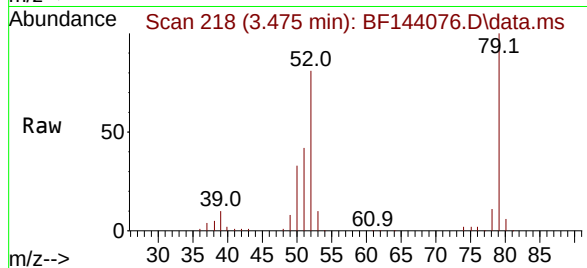
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Ion Ratio Lower Upper  
88 100  
58 90.6 76.5 114.7  
43 42.1 35.3 52.9





#3  
Pyridine  
Concen: 36.146 ng  
RT: 3.475 min Scan# 21  
Delta R.T. 0.077 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

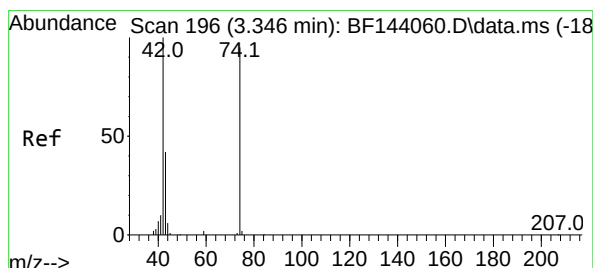
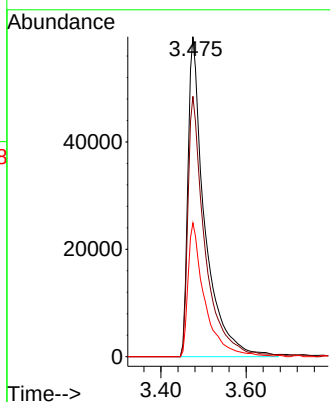
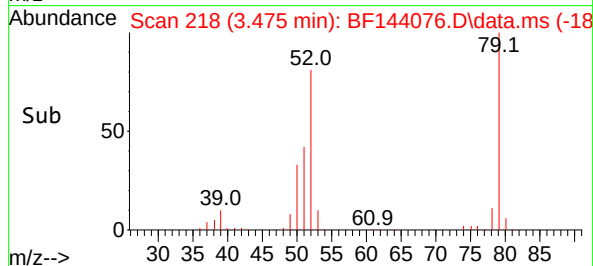
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ClientSampleId :  
PB170206BS



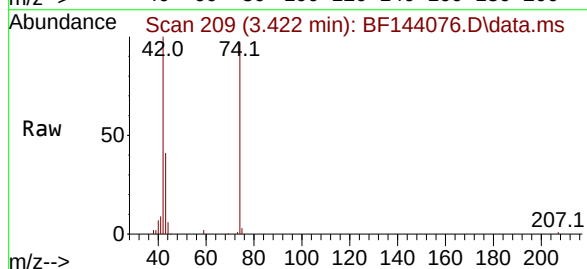
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Ion Ratio Lower Upper  
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51 41.8 33.6 50.4

Manual Integrations  
APPROVED

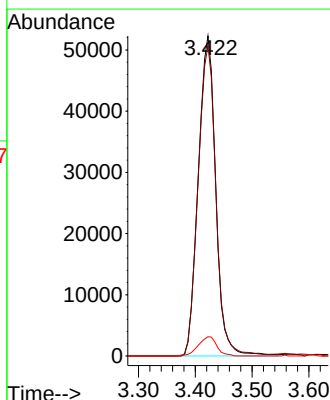
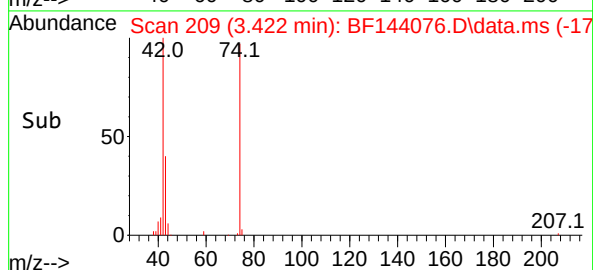
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

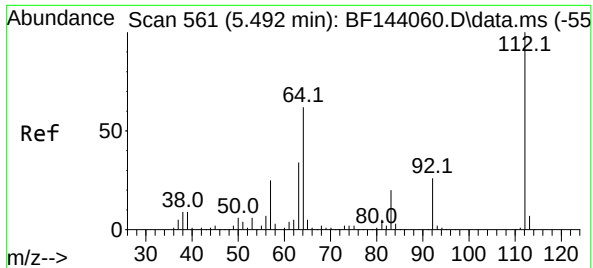


#4  
n-Nitrosodimethylamine  
Concen: 40.443 ng  
RT: 3.422 min Scan# 209  
Delta R.T. 0.077 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



Tgt Ion: 42 Resp: 112032  
Ion Ratio Lower Upper  
42 100  
74 97.0 76.4 114.6  
44 6.0 5.2 7.8





#5  
2-Fluorophenol  
Concen: 108.023 ng  
RT: 5.504 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

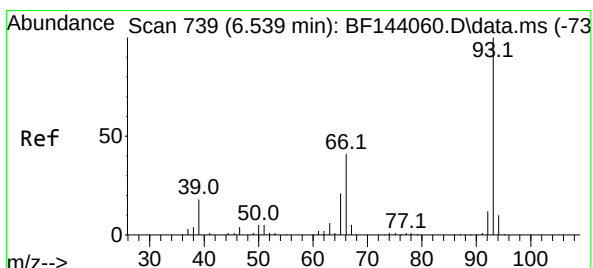
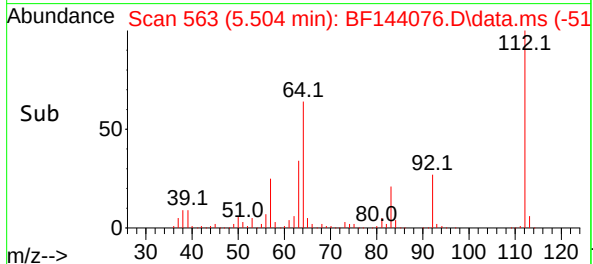
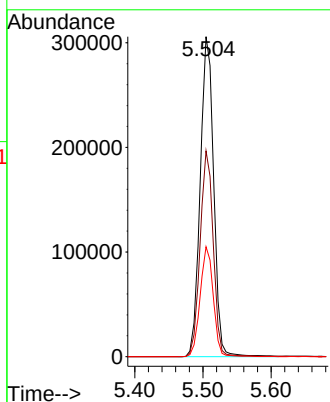
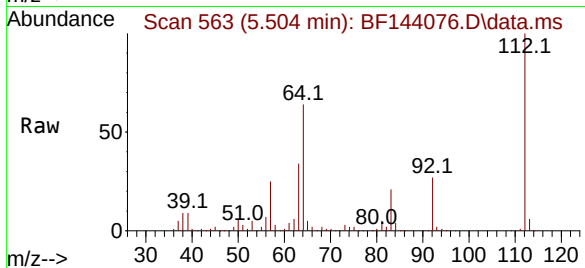
PB170206BS

Tgt Ion:112 Resp: 42095  
Ion Ratio Lower Upper  
112 100  
64 64.3 49.8 74.8  
63 34.3 27.4 41.2

Manual Integrations

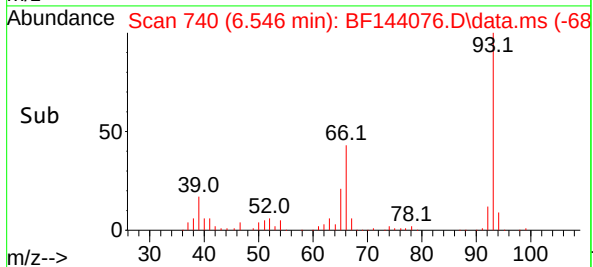
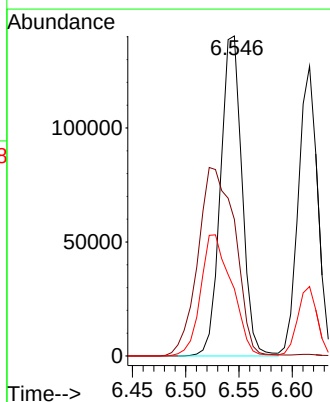
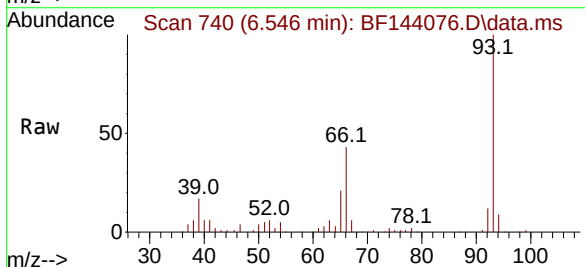
APPROVED

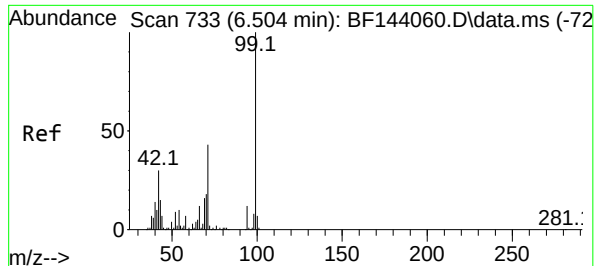
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#6  
Aniline  
Concen: 32.035 ng  
RT: 6.546 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

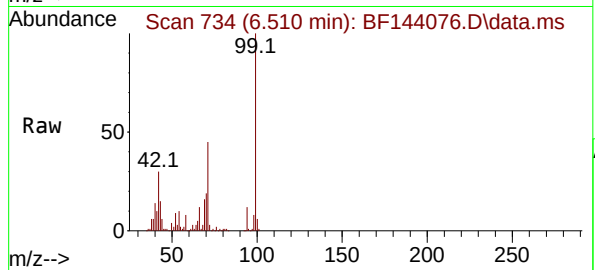
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Ion Ratio Lower Upper  
93 100  
66 42.7 35.7 53.5  
65 21.0 17.0 25.6





#7  
Phenol-d6  
Concen: 112.270 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

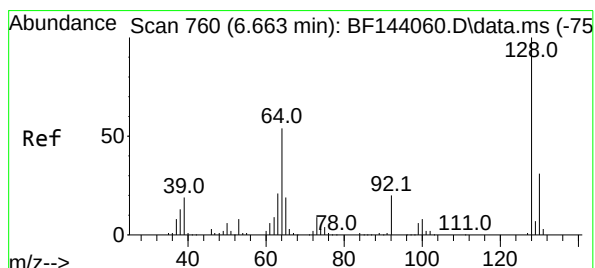
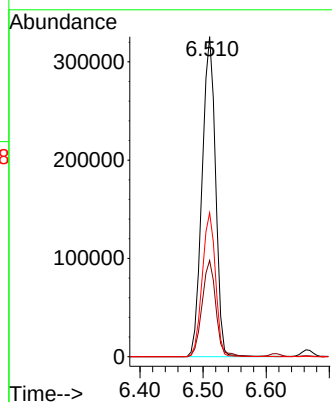
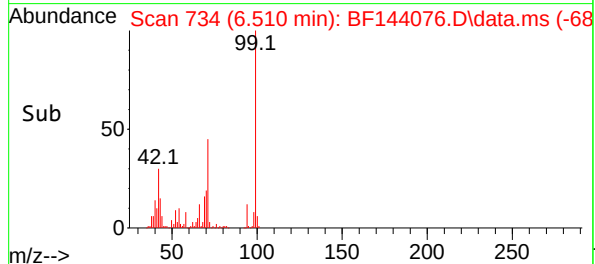
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BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion: 99 Resp: 48317  
Ion Ratio Lower Upper  
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71 45.0 34.4 51.6

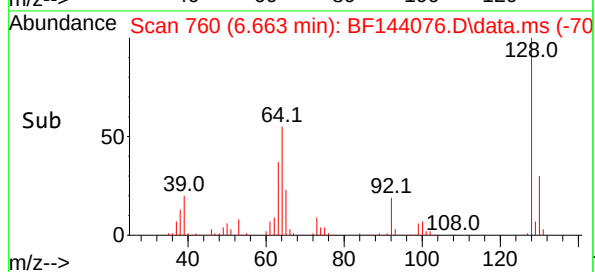
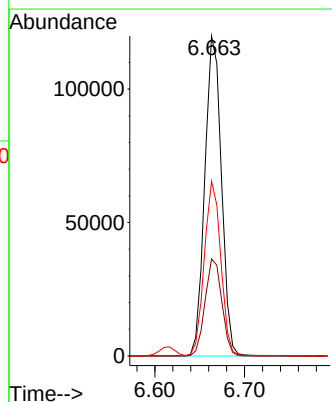
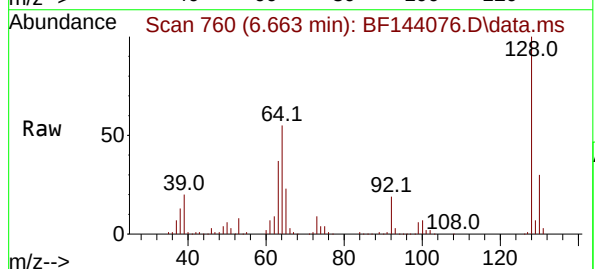
Manual Integrations  
**APPROVED**

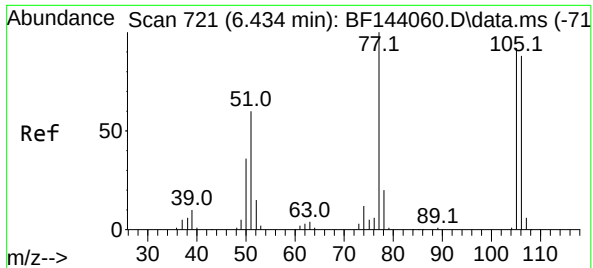
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#8  
2-Chlorophenol  
Concen: 40.266 ng  
RT: 6.663 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

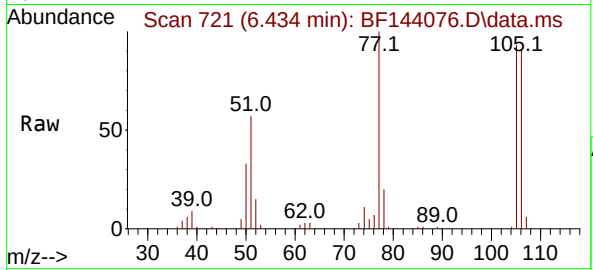
Tgt Ion:128 Resp: 154526  
Ion Ratio Lower Upper  
128 100  
130 30.3 10.7 50.7  
64 54.6 34.7 74.7





#9  
Benzaldehyde  
Concen: 24.900 ng  
RT: 6.434 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

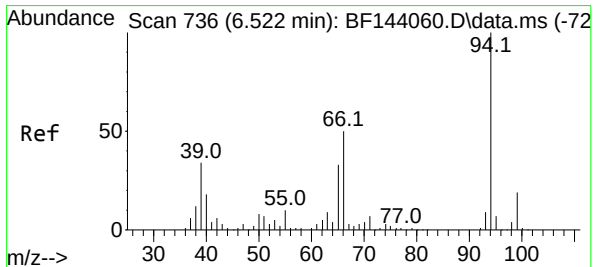
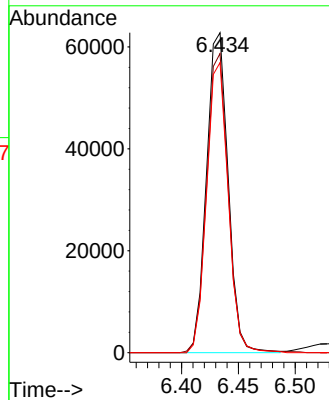
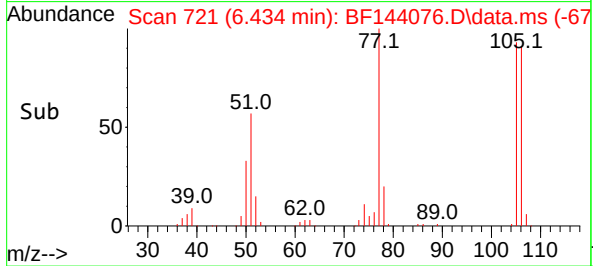
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion: 77 Resp: 8320  
Ion Ratio Lower Upper  
77 100  
105 93.5 72.2 112.2  
106 90.7 67.9 107.9

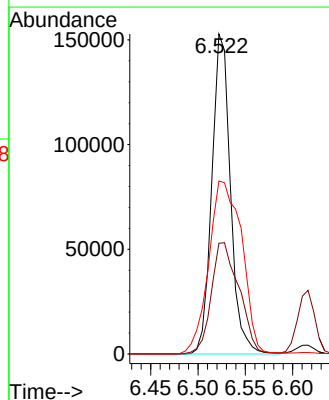
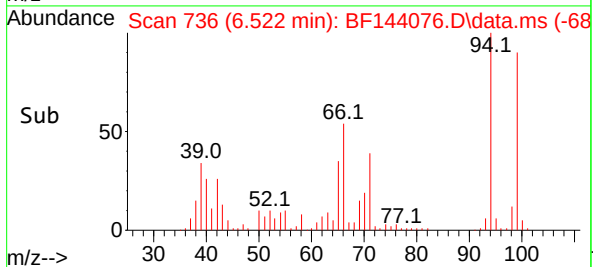
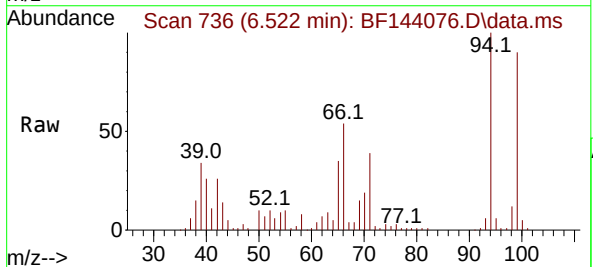
Manual Integrations  
**APPROVED**

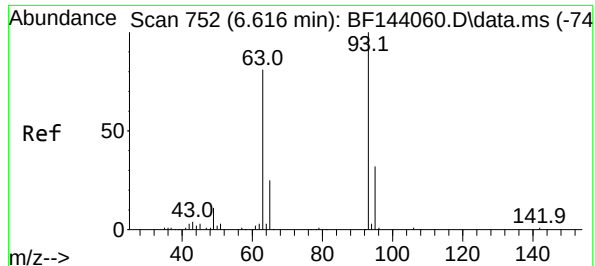
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#10  
Phenol  
Concen: 39.271 ng  
RT: 6.522 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

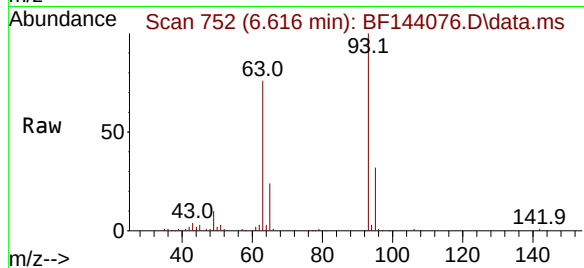
Tgt Ion: 94 Resp: 208508  
Ion Ratio Lower Upper  
94 100  
65 34.6 13.1 53.1  
66 54.1 30.6 70.6





#11  
bis(2-Chloroethyl)ether  
Concen: 40.968 ng  
RT: 6.616 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

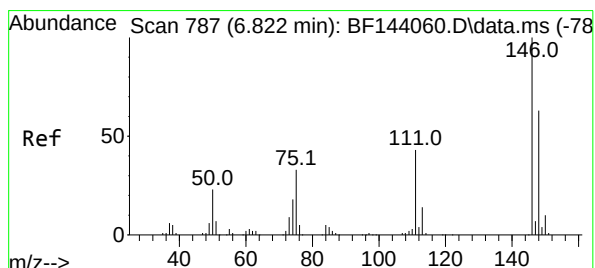
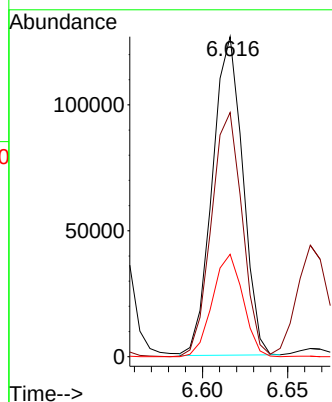
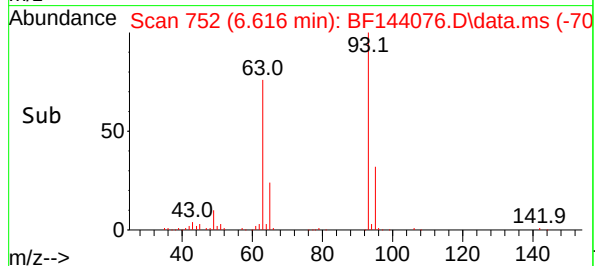
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion: 93 Resp: 157180  
Ion Ratio Lower Upper  
93 100  
63 76.3 60.2 100.2  
95 32.0 12.4 52.4

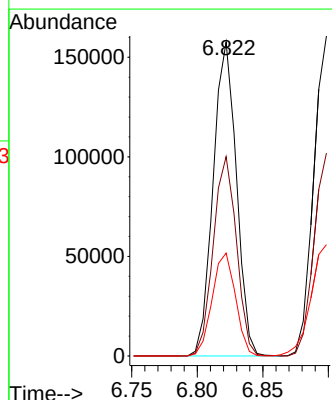
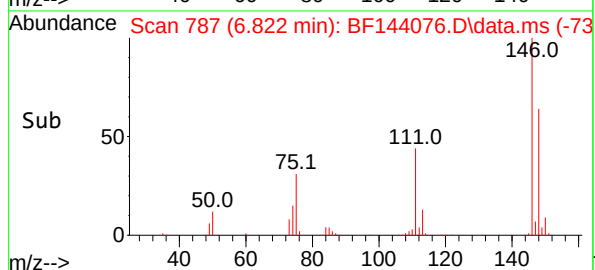
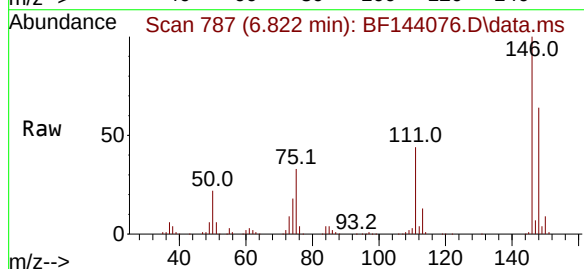
Manual Integrations  
APPROVED

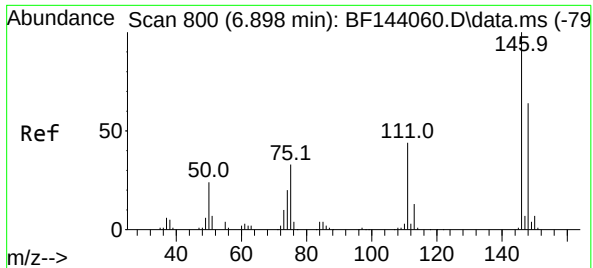
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#12  
1,3-Dichlorobenzene  
Concen: 41.031 ng  
RT: 6.822 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:146 Resp: 194241  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.6 75.8  
75 32.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.240 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:146 Resp: 197064

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

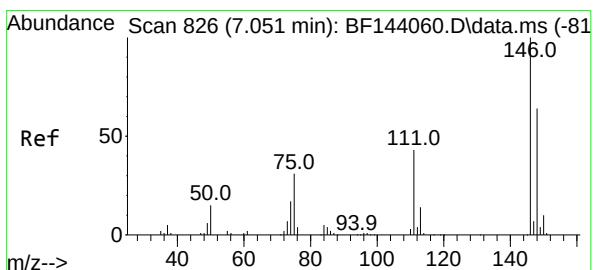
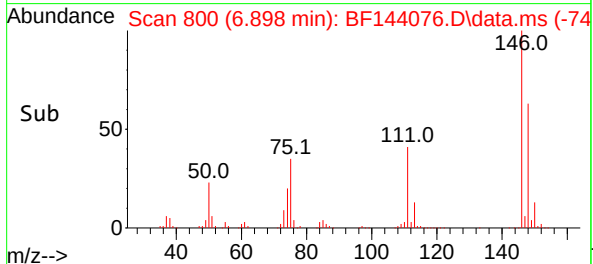
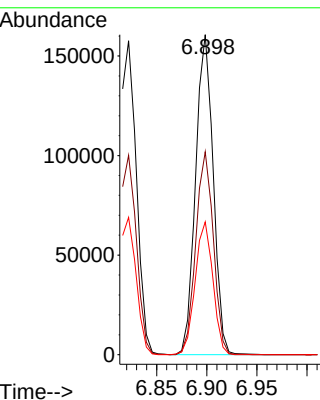
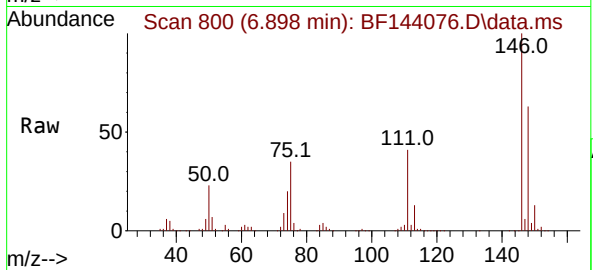
111 41.5 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#14

1,2-Dichlorobenzene

Concen: 41.817 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

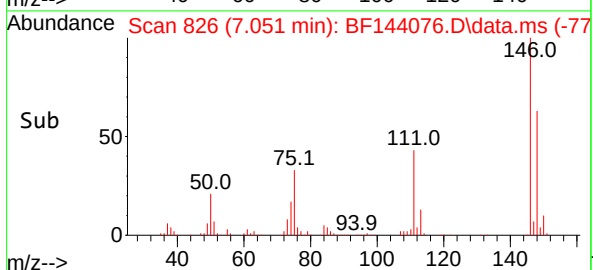
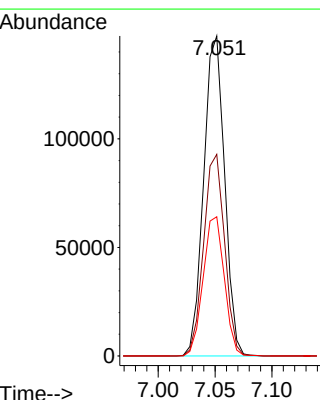
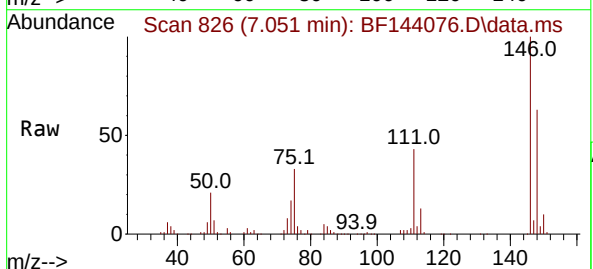
Tgt Ion:146 Resp: 188767

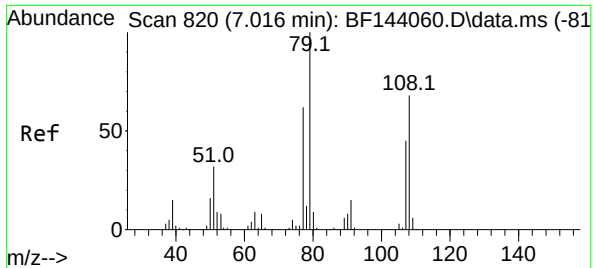
Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

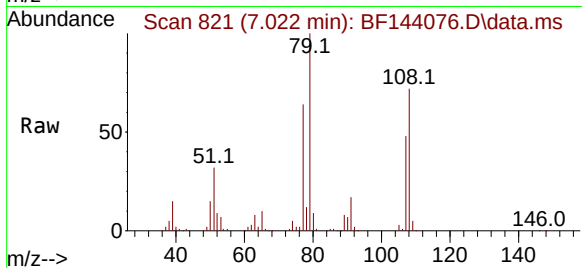
111 43.5 34.7 52.1





#15  
Benzyl Alcohol  
Concen: 43.566 ng  
RT: 7.022 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

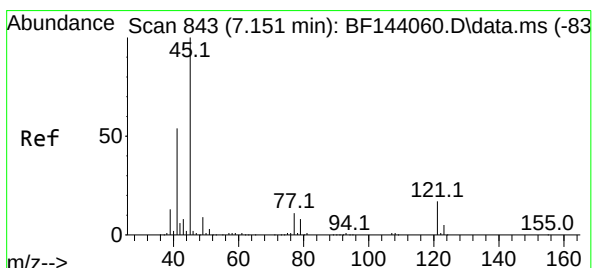
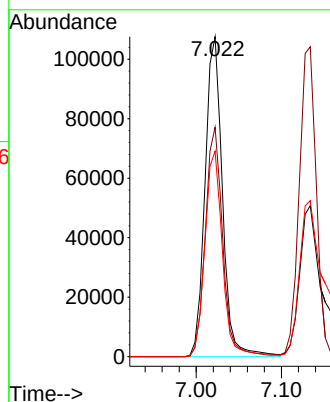
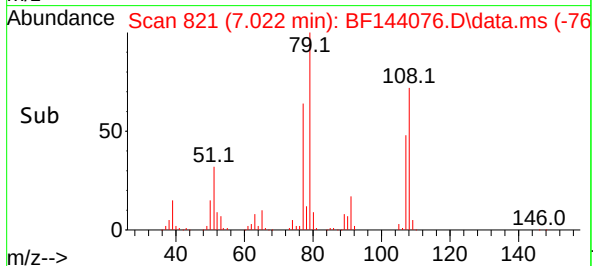
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion: 79 Resp: 15245  
Ion Ratio Lower Upper  
79 100  
108 71.7 54.8 82.2  
77 64.3 49.4 74.0

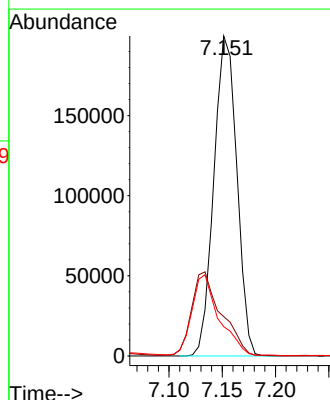
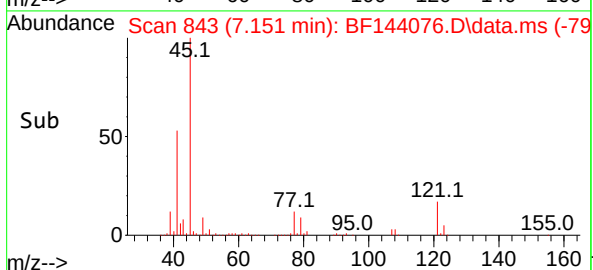
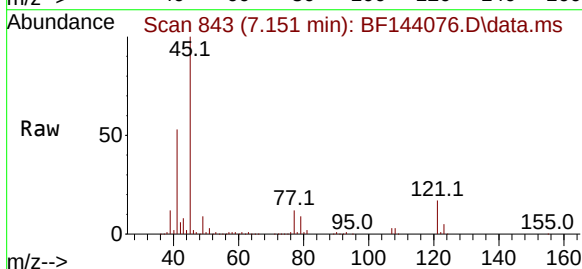
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Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

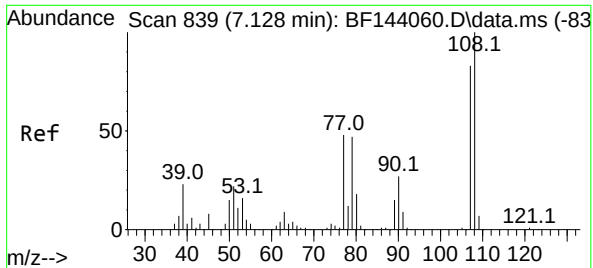


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.507 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion: 45 Resp: 299293  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 30.9  
79 9.2 0.0 28.2

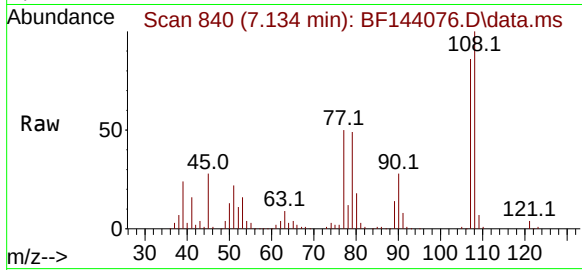






#17  
2-Methylphenol  
Concen: 41.157 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

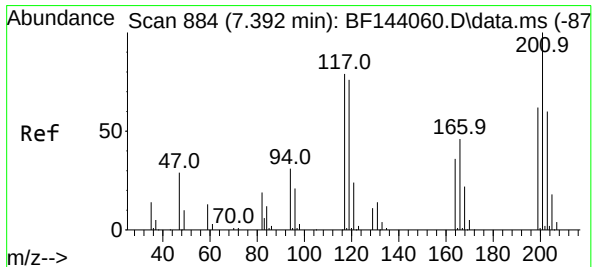
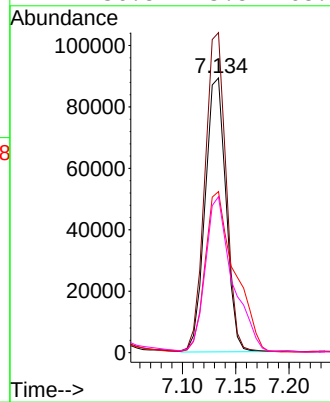
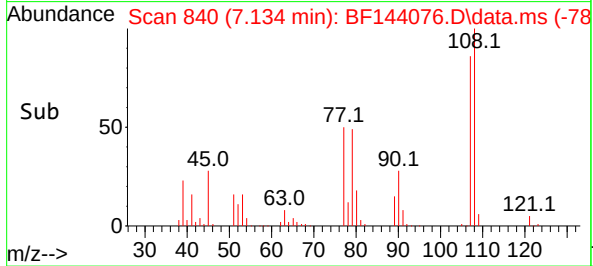
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:107 Resp: 121478  
Ion Ratio Lower Upper  
107 100  
108 116.5 96.4 144.6  
77 58.7 46.8 70.2  
79 56.8 45.8 68.6

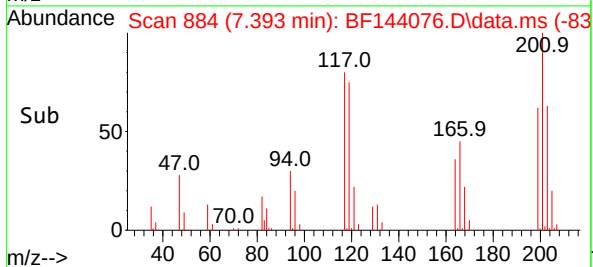
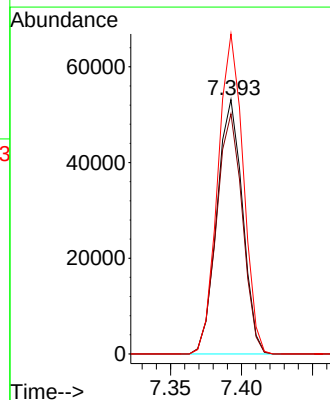
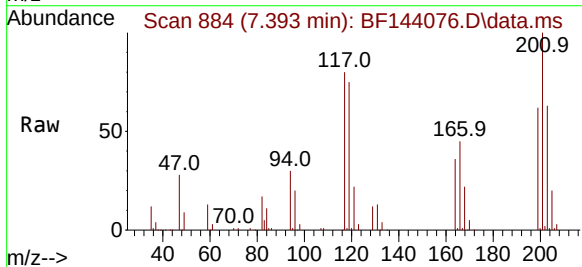
Manual Integrations  
APPROVED

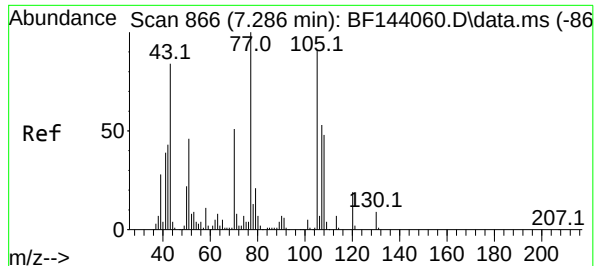
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#18  
Hexachloroethane  
Concen: 39.990 ng  
RT: 7.393 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:117 Resp: 66701  
Ion Ratio Lower Upper  
117 100  
119 94.4 76.6 115.0  
201 125.8 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 44.060 ng

RT: 7.293 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144076.D

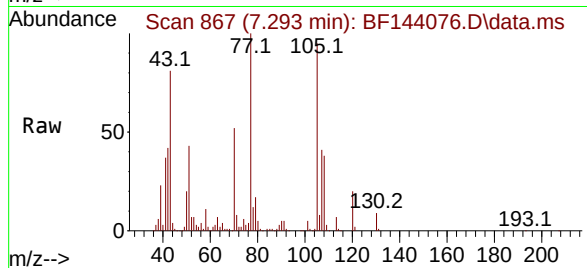
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS



Tgt Ion: 70 Resp: 12262

Ion Ratio Lower Upper

70 100

42 79.5 67.4 101.0

101 9.1 7.1 10.7

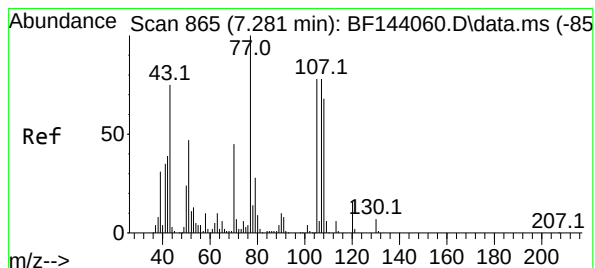
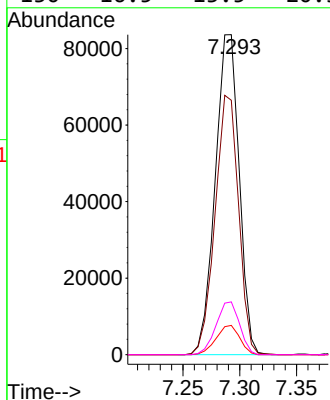
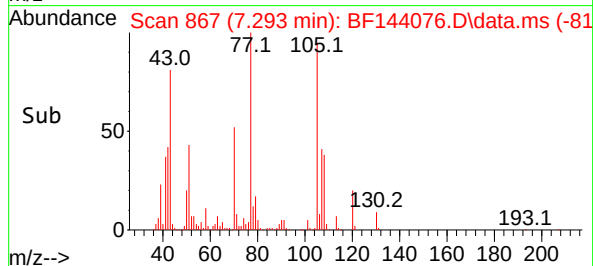
130 16.5 13.5 20.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#20

3+4-Methylphenols

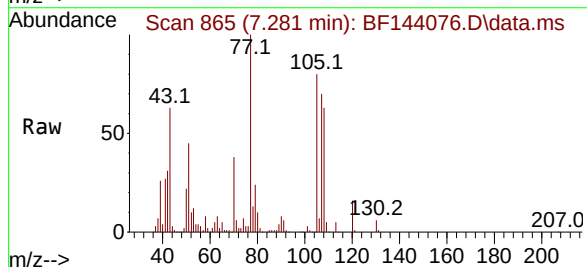
Concen: 42.737 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



Tgt Ion:107 Resp: 149120

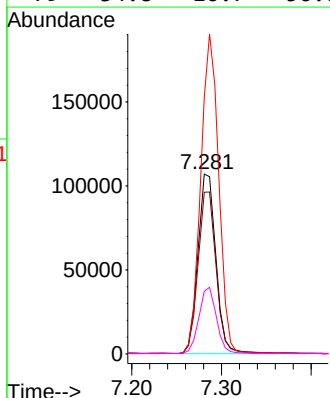
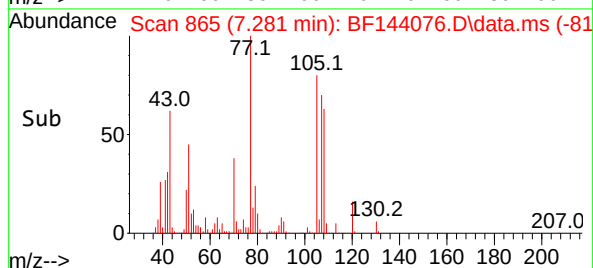
Ion Ratio Lower Upper

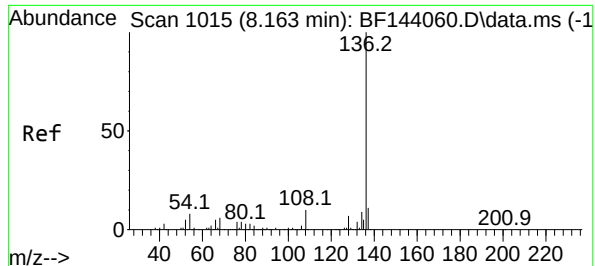
107 100

108 89.9 68.0 108.0

77 142.8 108.7 148.7

79 34.8 16.7 56.7





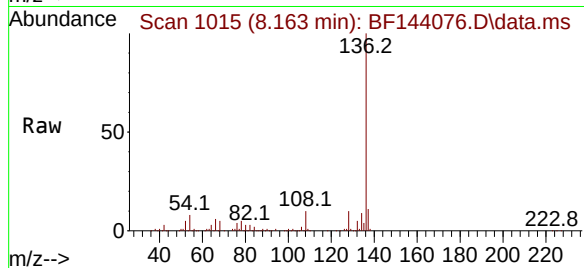
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

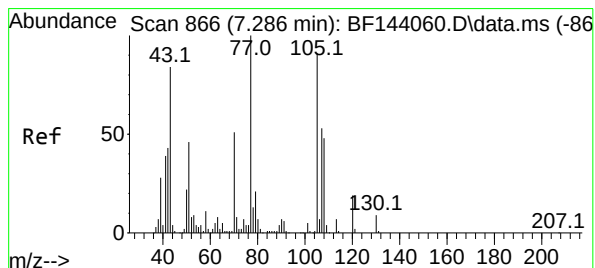
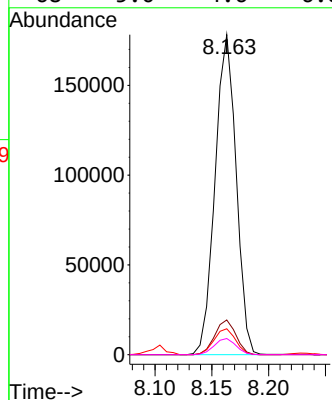
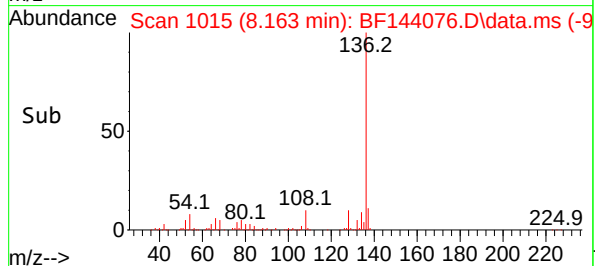


Tgt Ion:136 Resp: 230295  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.1 6.6 9.8  
68 5.0 4.6 6.8

Manual Integrations

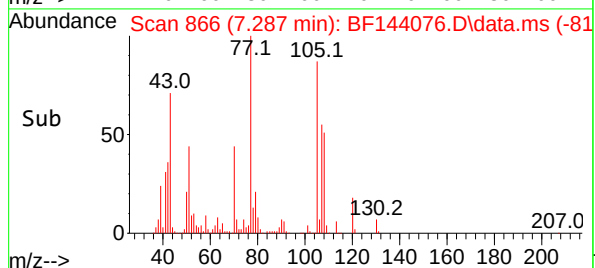
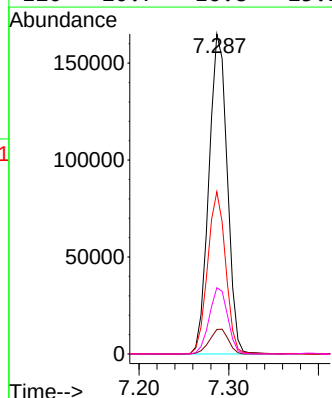
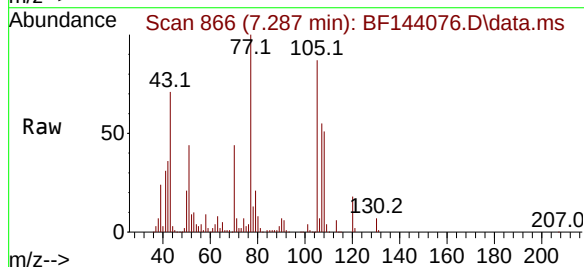
APPROVED

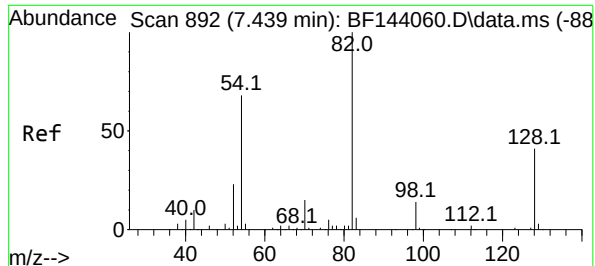
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#22  
Acetophenone  
Concen: 47.038 ng  
RT: 7.287 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:105 Resp: 234112  
Ion Ratio Lower Upper  
105 100  
71 7.6 6.9 10.3  
51 50.7 40.6 60.8  
120 20.7 16.8 25.2





#23

Nitrobenzene-d5

Concen: 78.385 ng

RT: 7.446 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144076.D

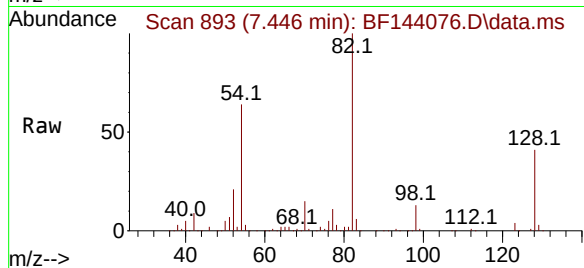
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS



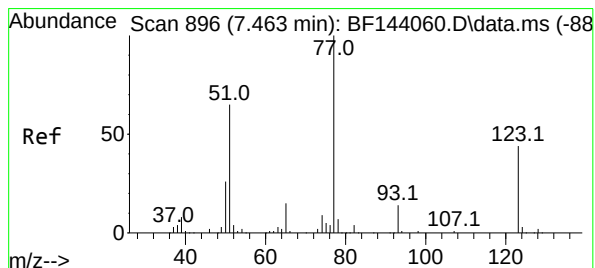
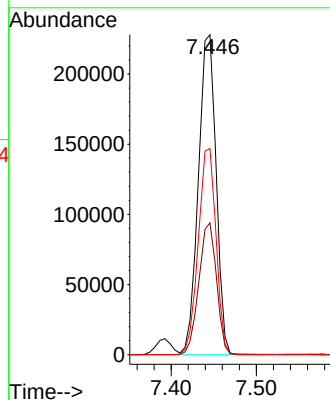
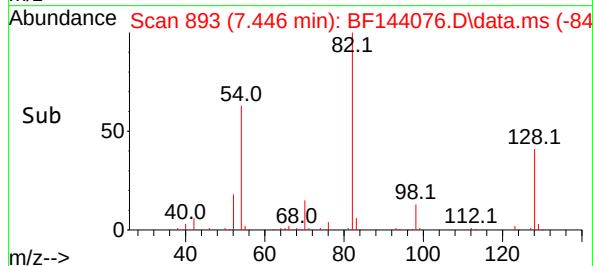
Tgt Ion: 82 Resp: 32949

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.2  | 32.4  | 48.6  |
| 54  | 64.4  | 54.0  | 81.0  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#24

Nitrobenzene

Concen: 41.276 ng

RT: 7.463 min Scan# 896

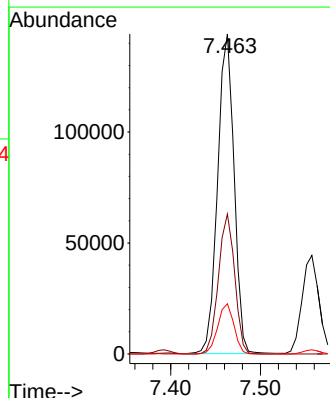
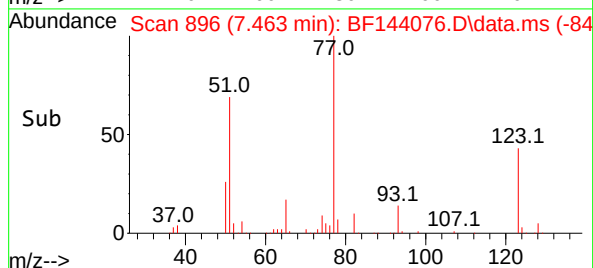
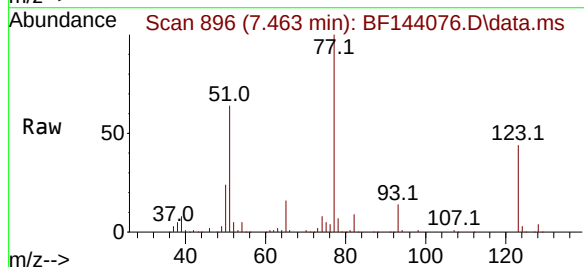
Delta R.T. 0.000 min

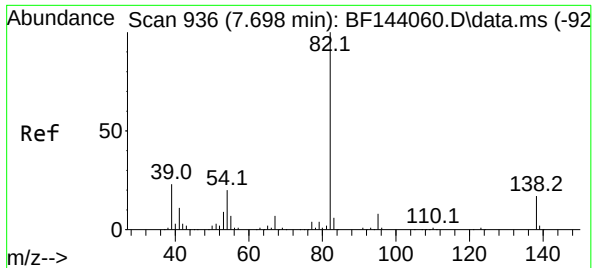
Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Tgt Ion: 77 Resp: 183540

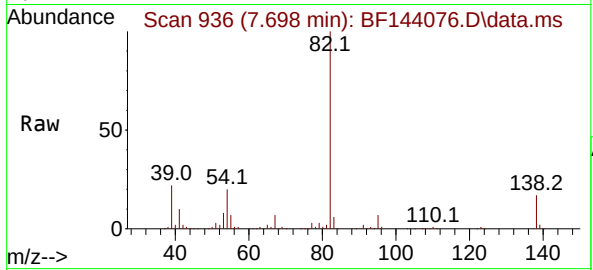
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 43.7  | 35.0  | 52.6  |
| 65  | 15.7  | 12.2  | 18.2  |





#25  
Isophorone  
Concen: 44.768 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

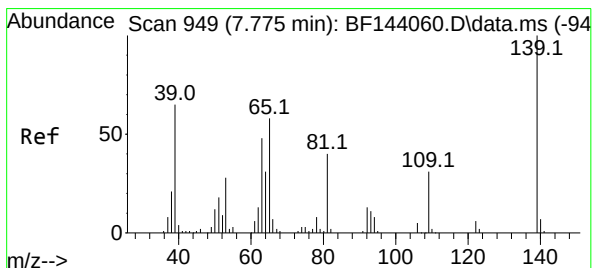
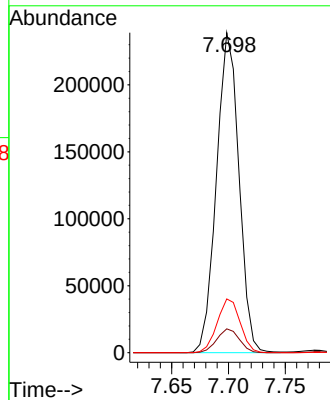
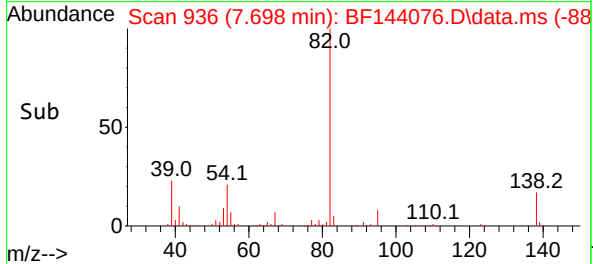
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion: 82 Resp: 329004  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.6 9.8  
138 16.8 13.8 20.8

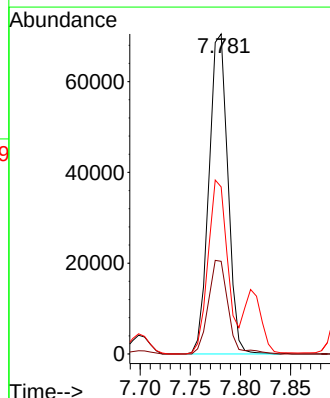
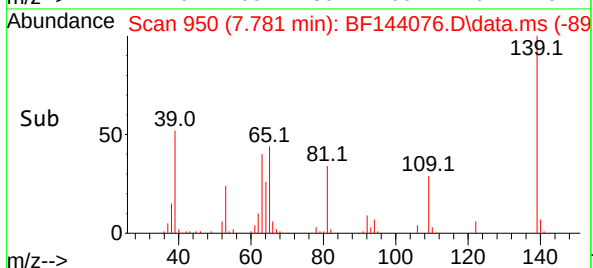
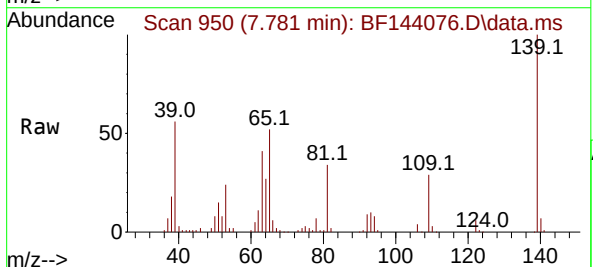
Manual Integrations  
**APPROVED**

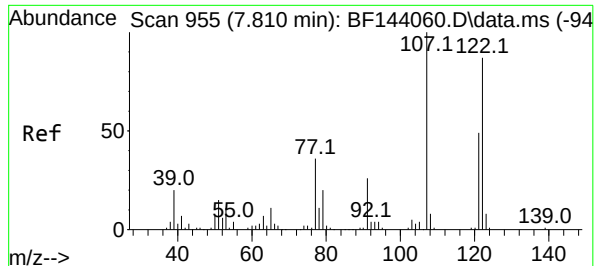
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#26  
2-Nitrophenol  
Concen: 43.752 ng  
RT: 7.781 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:139 Resp: 92552  
Ion Ratio Lower Upper  
139 100  
109 28.9 24.6 37.0  
65 52.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 47.652 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:122 Resp: 149790

Ion Ratio Lower Upper

122 100

107 114.3 91.8 137.8

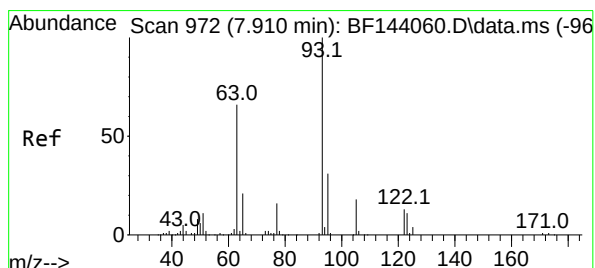
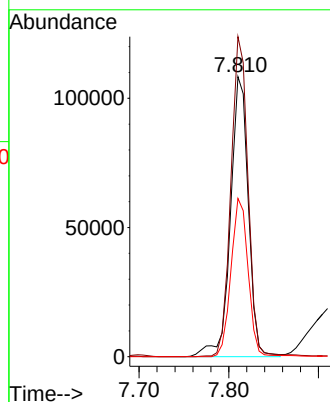
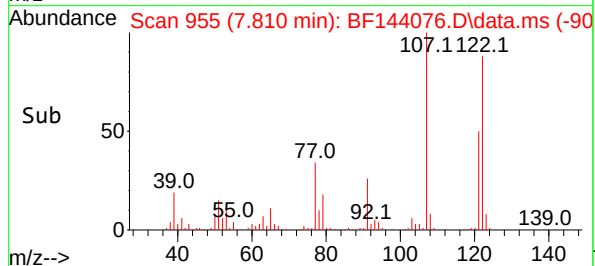
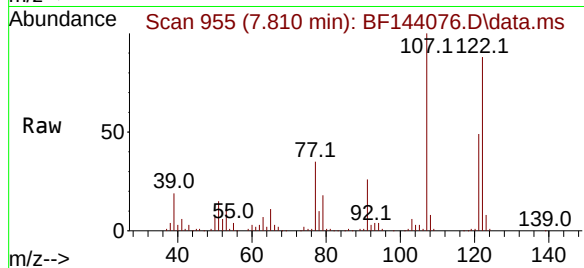
121 56.5 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.835 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

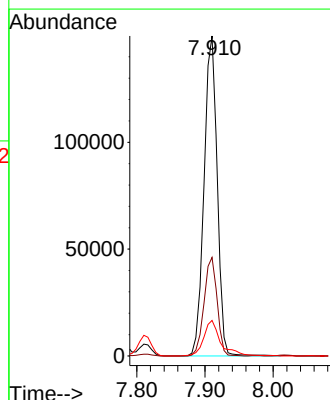
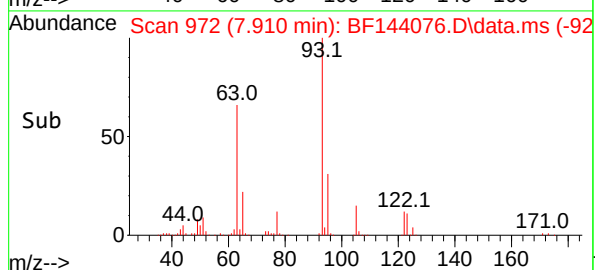
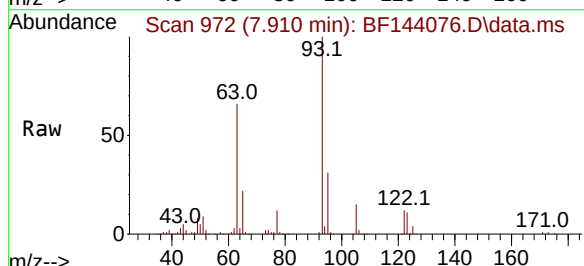
Tgt Ion: 93 Resp: 200900

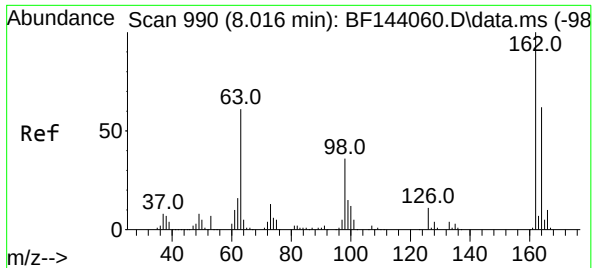
Ion Ratio Lower Upper

93 100

95 30.8 24.6 36.8

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.036 ng

RT: 8.022 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF144076.D

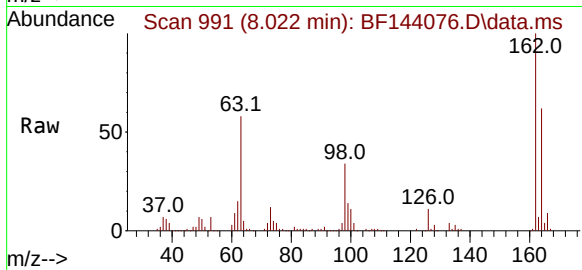
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS



Tgt Ion:162 Resp: 15367

Ion Ratio Lower Upper

162 100

164 62.4 42.1 82.1

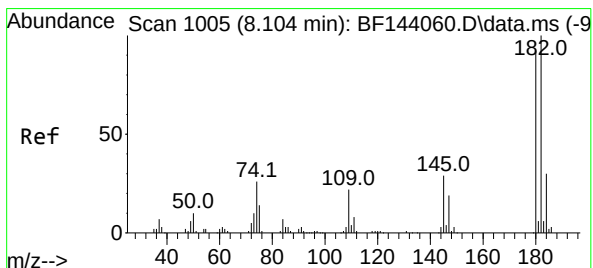
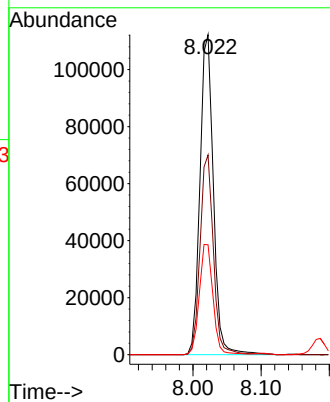
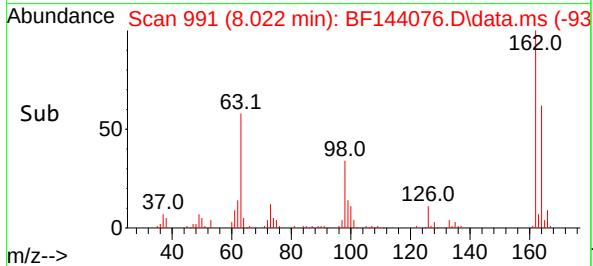
98 34.4 16.0 56.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.342 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

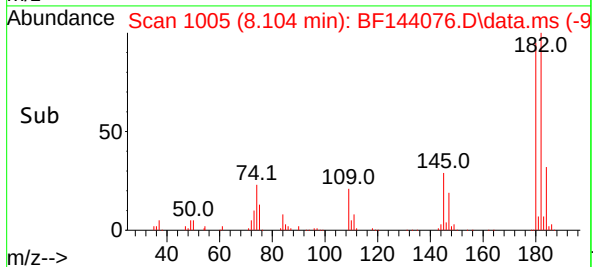
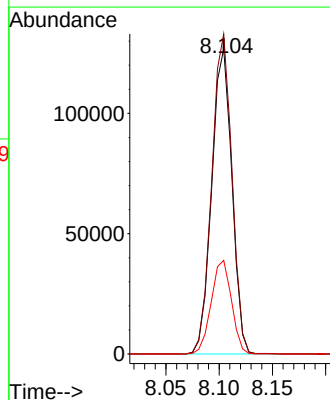
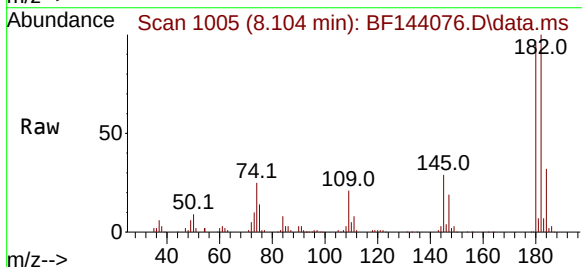
Tgt Ion:180 Resp: 166768

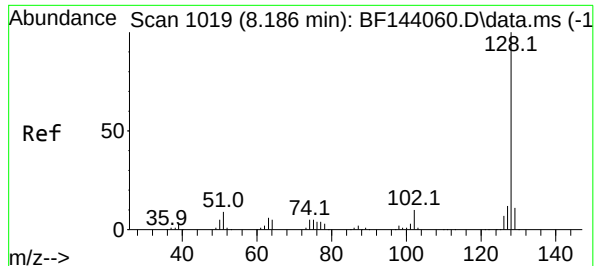
Ion Ratio Lower Upper

180 100

182 104.8 87.1 130.7

145 30.7 25.3 37.9





#31

Naphthalene

Concen: 41.369 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144076.D

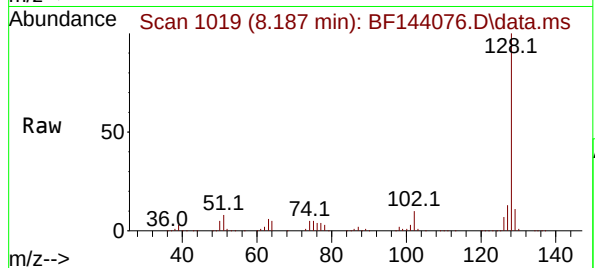
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS



Tgt Ion:128 Resp: 449660

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

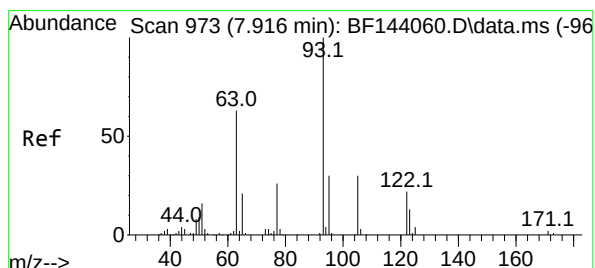
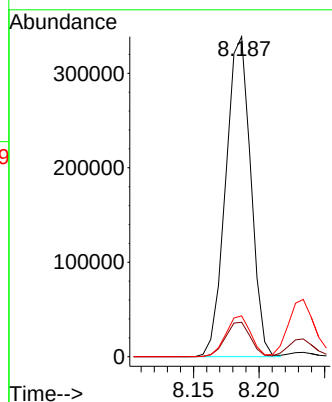
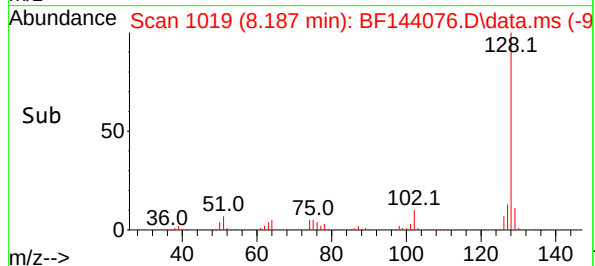
127 12.7 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#32

Benzoic acid

Concen: 51.023 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.018 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

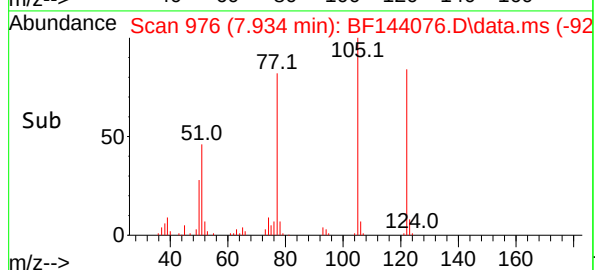
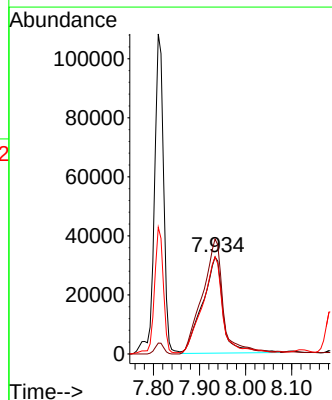
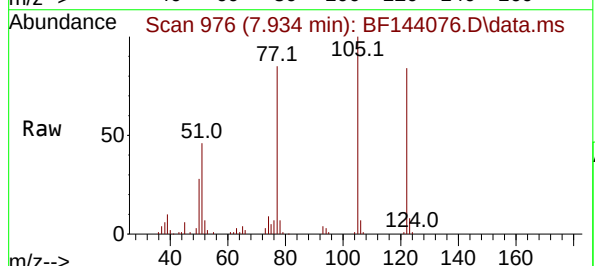
Tgt Ion:122 Resp: 101741

Ion Ratio Lower Upper

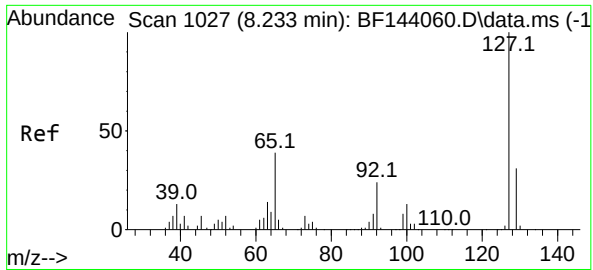
122 100

105 118.6 111.3 151.3

77 100.3 96.7 136.7







#33

4-Chloroaniline

Concen: 23.236 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:127 Resp: 8792

Ion Ratio Lower Upper

127 100

129 31.0 25.6 38.4

65 36.1 30.9 46.3

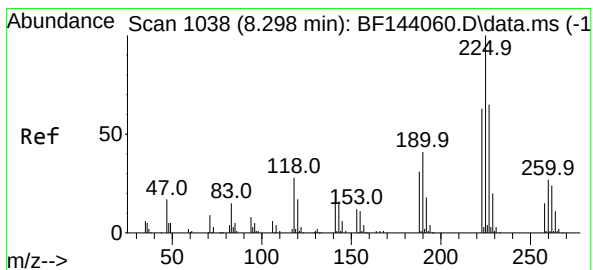
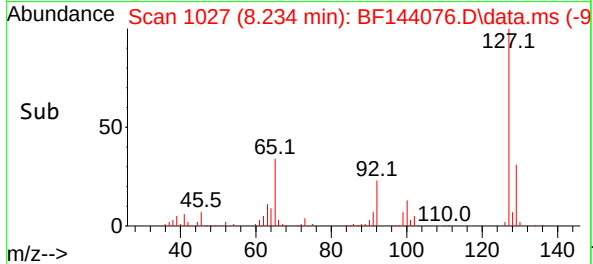
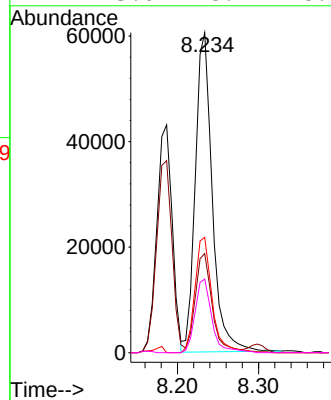
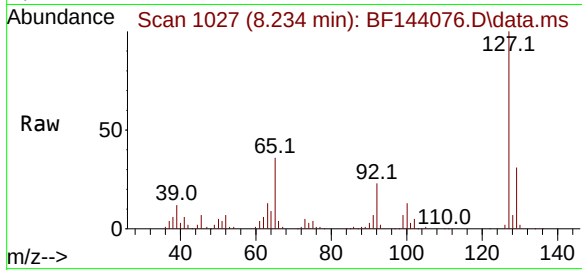
92 23.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#34

Hexachlorobutadiene

Concen: 40.536 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

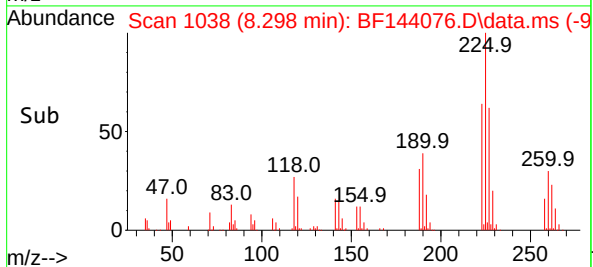
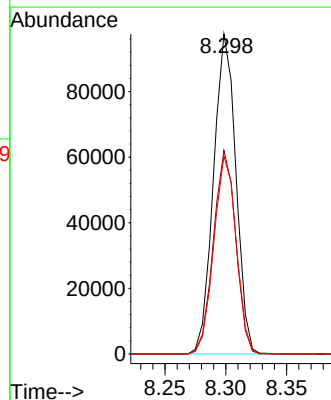
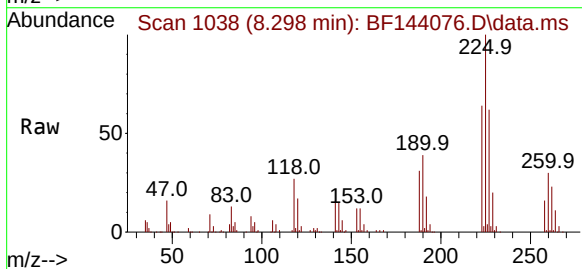
Tgt Ion:225 Resp: 124657

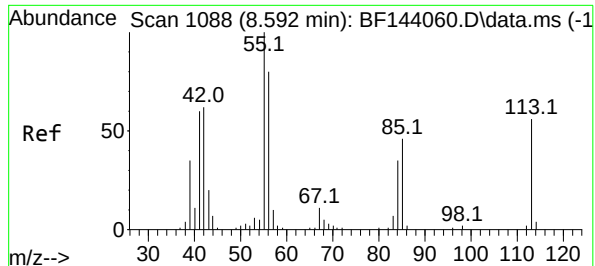
Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

227 61.8 51.8 77.8





#35

Caprolactam

Concen: 47.476 ng m

RT: 8.598 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:113 Resp: 4352

Ion Ratio Lower Upper

113 100

55 195.1 160.1 200.1

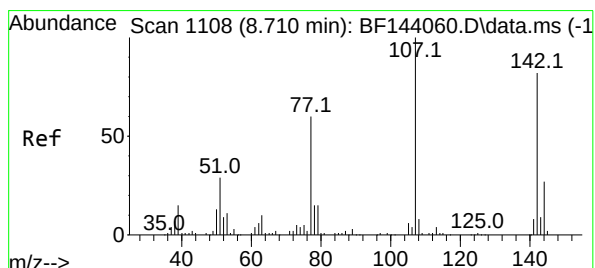
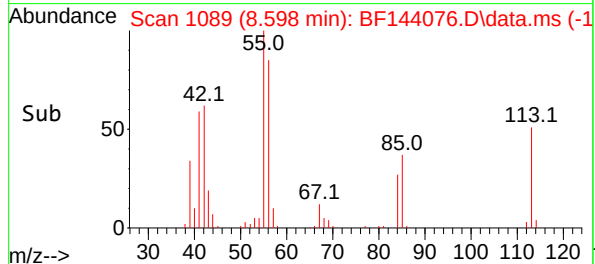
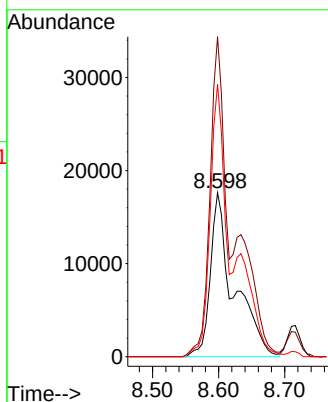
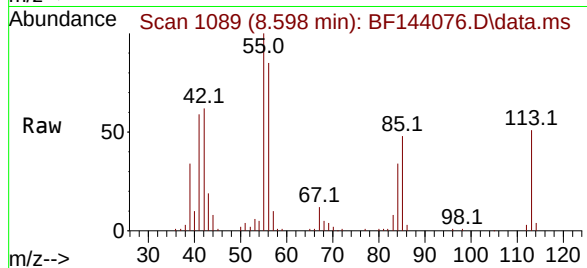
56 166.1 124.9 164.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#36

4-Chloro-3-methylphenol

Concen: 44.115 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

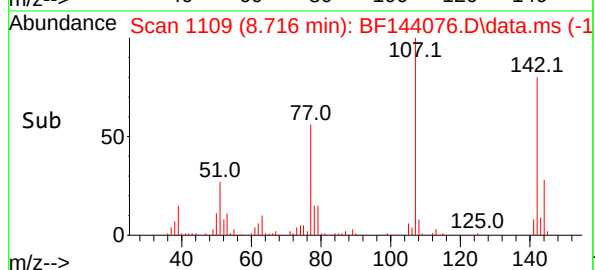
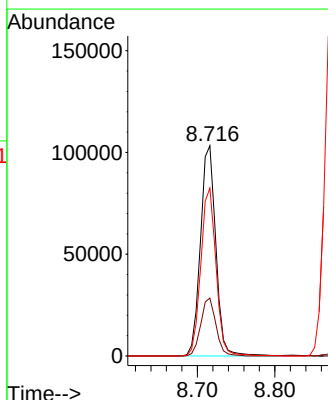
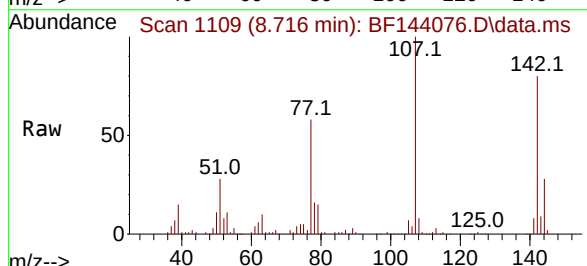
Tgt Ion:107 Resp: 142318

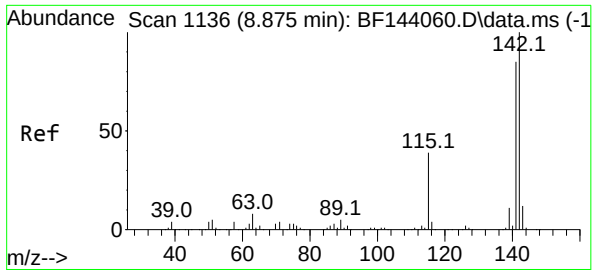
Ion Ratio Lower Upper

107 100

144 27.6 21.6 32.4

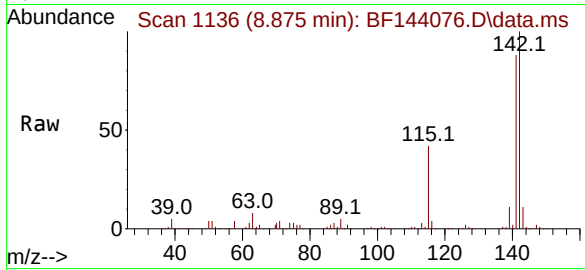
142 79.8 65.4 98.0





#37  
2-Methylnaphthalene  
Concen: 38.783 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

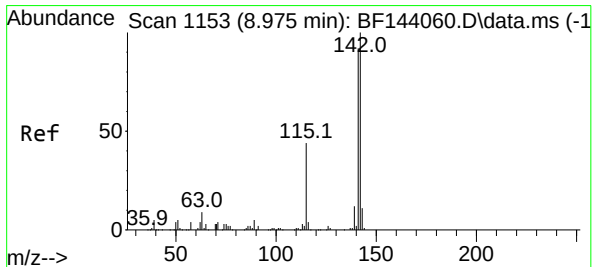
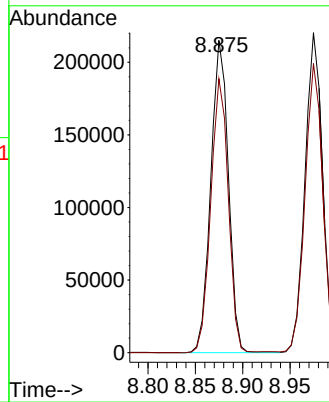
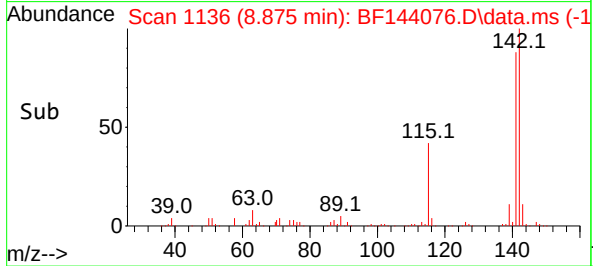
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:142 Resp: 277936  
Ion Ratio Lower Upper  
142 100  
141 87.7 67.6 101.4

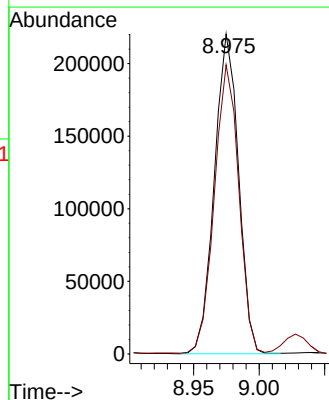
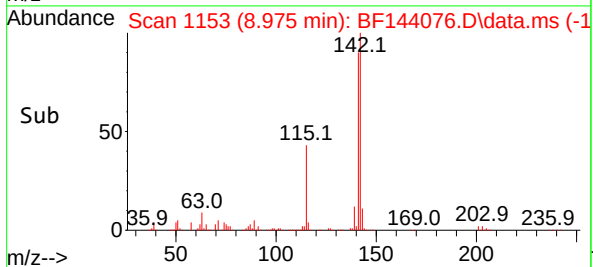
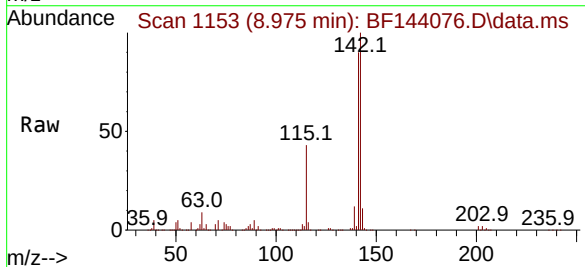
Manual Integrations  
APPROVED

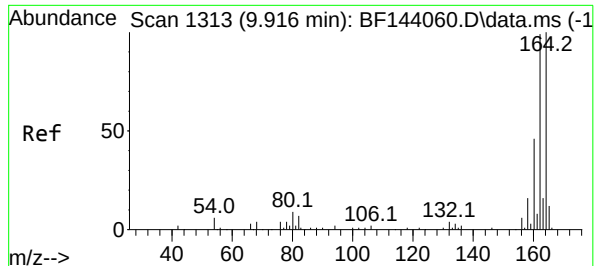
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#38  
1-Methylnaphthalene  
Concen: 41.538 ng  
RT: 8.975 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:142 Resp: 282025  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144076.D

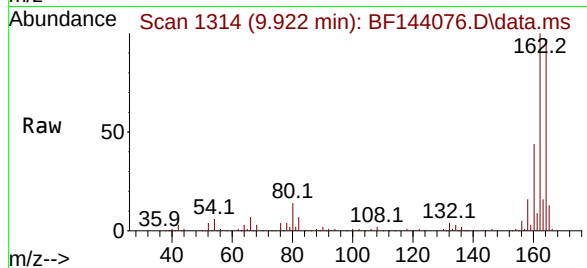
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS



Tgt Ion:164 Resp: 126938

Ion Ratio Lower Upper

164 100

162 103.5 79.4 119.2

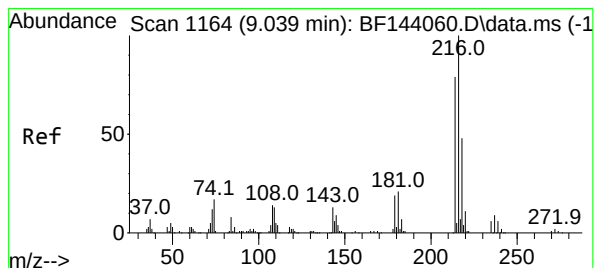
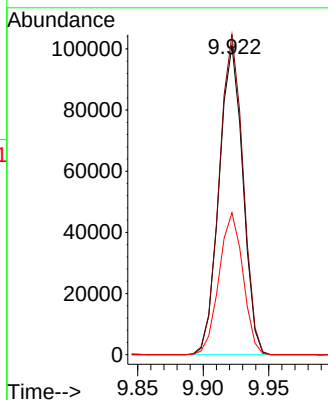
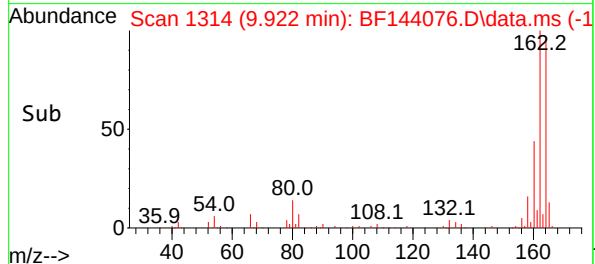
160 45.9 36.7 55.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#40

1,2,4,5-Tetrachlorobenzene

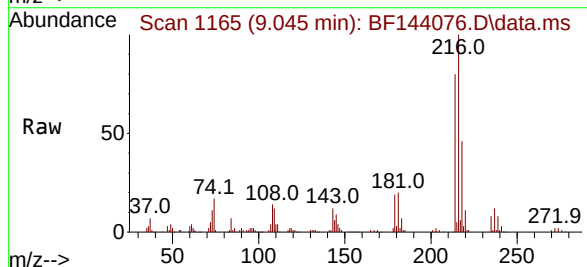
Concen: 44.297 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



Tgt Ion:216 Resp: 193244

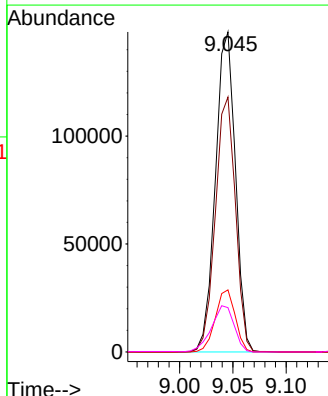
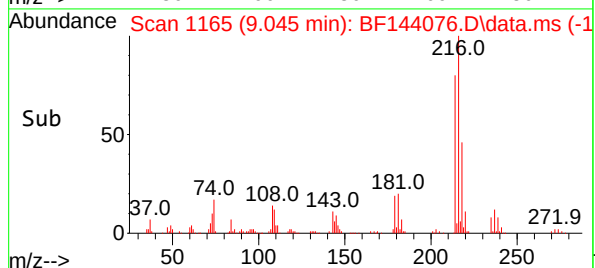
Ion Ratio Lower Upper

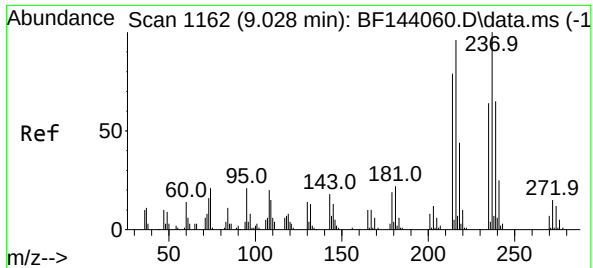
216 100

214 80.0 63.2 94.8

179 19.3 15.2 22.8

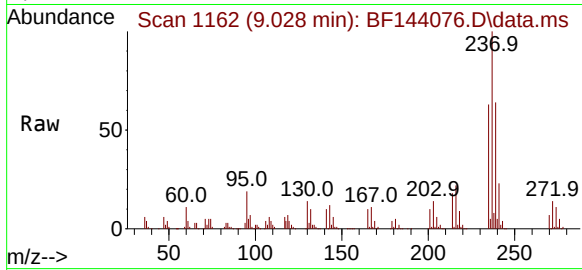
108 16.5 11.9 17.9





#41  
Hexachlorocyclopentadiene  
Concen: 133.824 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

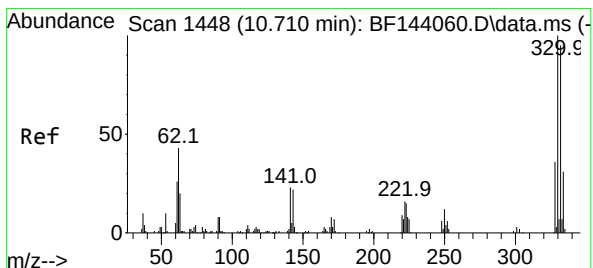
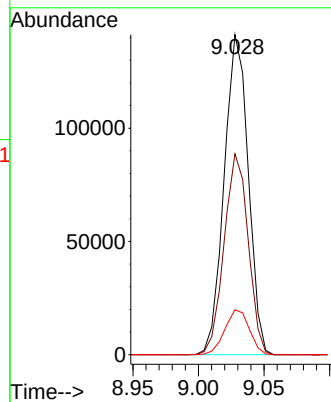
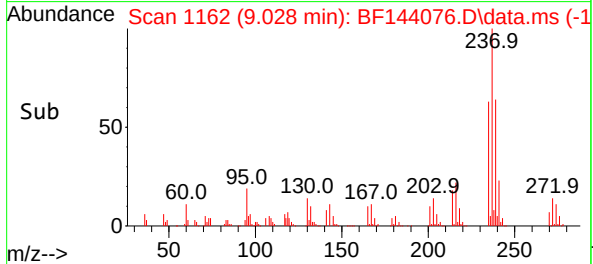
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



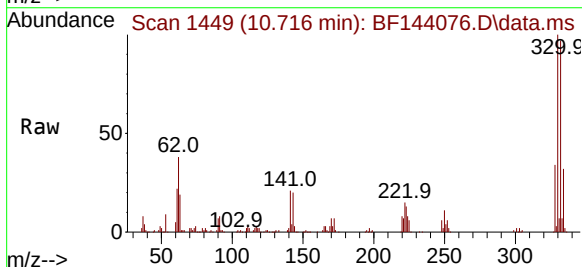
Tgt Ion:237 Resp: 18031  
Ion Ratio Lower Upper  
237 100  
235 62.7 44.3 84.3  
272 14.1 0.0 35.2

Manual Integrations  
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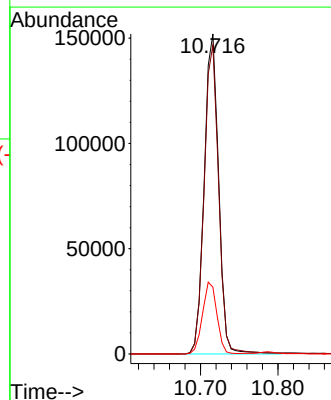
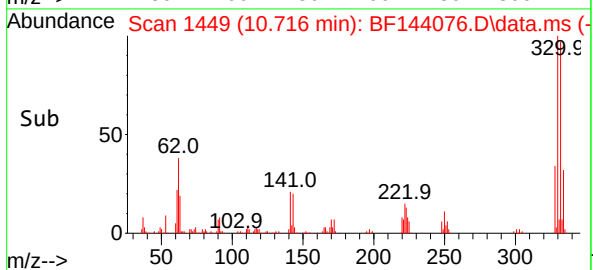
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

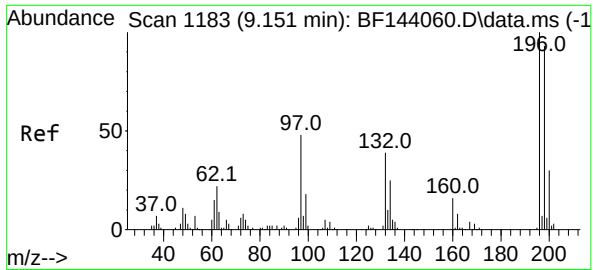


#42  
2,4,6-Tribromophenol  
Concen: 121.307 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



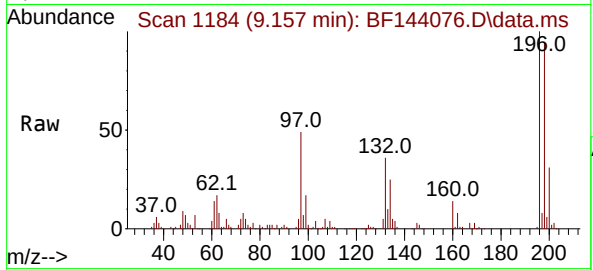
Tgt Ion:330 Resp: 196142  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.0 115.6  
141 22.5 19.4 29.0





#43  
2,4,6-Trichlorophenol  
Concen: 42.835 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

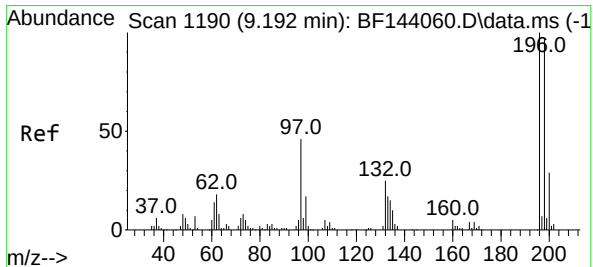
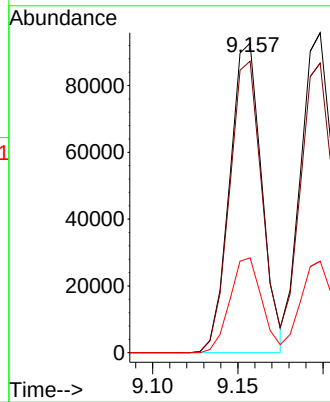
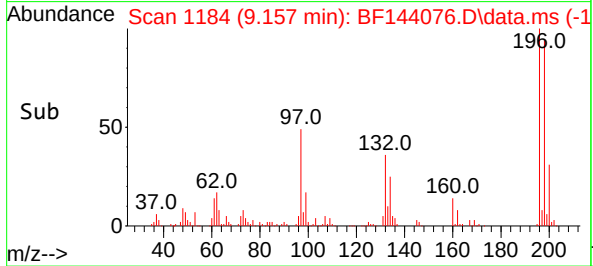
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



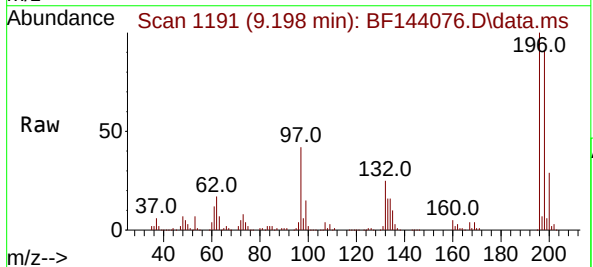
Tgt Ion:196 Resp: 121461  
Ion Ratio Lower Upper  
196 100  
198 94.1 74.4 111.6  
200 30.7 23.8 35.8

Manual Integrations  
APPROVED

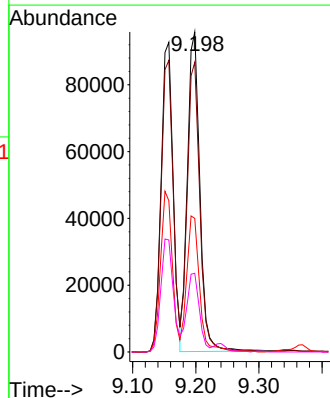
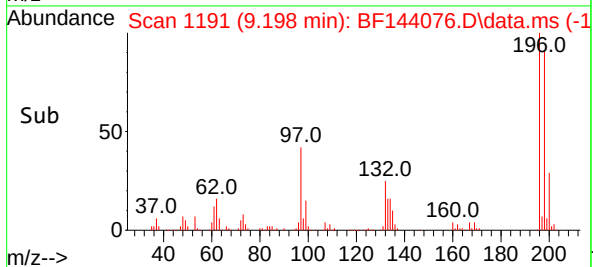
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

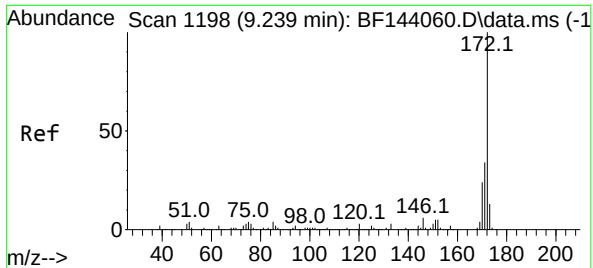


#44  
2,4,5-Trichlorophenol  
Concen: 44.272 ng  
RT: 9.198 min Scan# 1191  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



Tgt Ion:196 Resp: 131752  
Ion Ratio Lower Upper  
196 100  
198 90.5 78.0 117.0  
97 41.8 37.7 56.5  
132 24.6 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 77.831 ng

RT: 9.240 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:172 Resp: 702060

Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

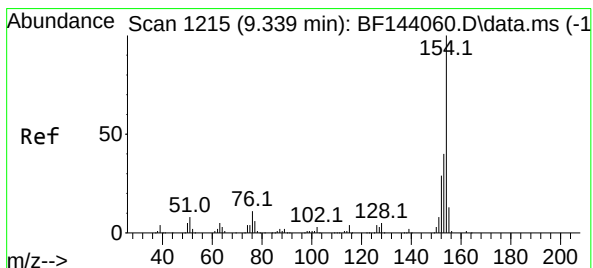
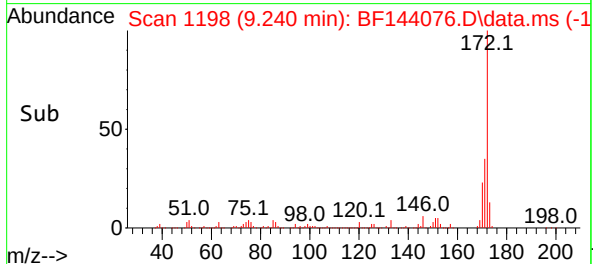
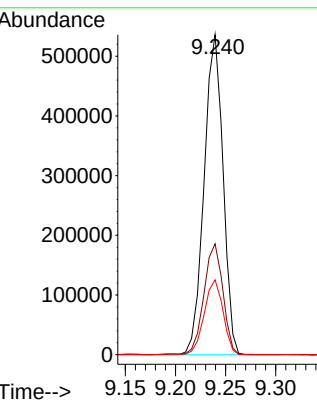
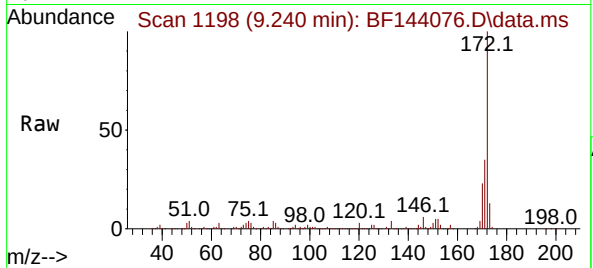
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#46

1,1'-Biphenyl

Concen: 45.784 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

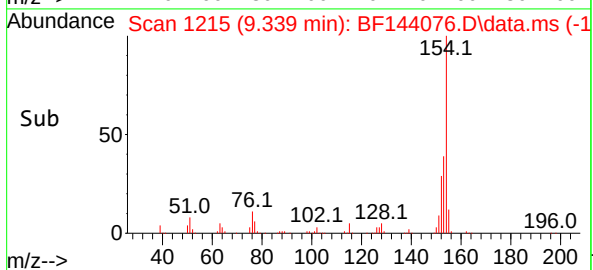
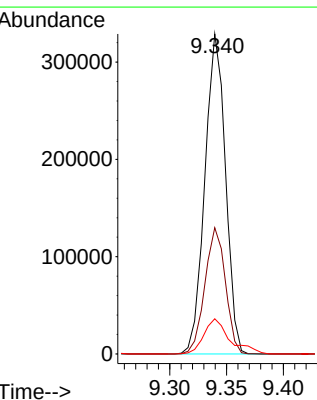
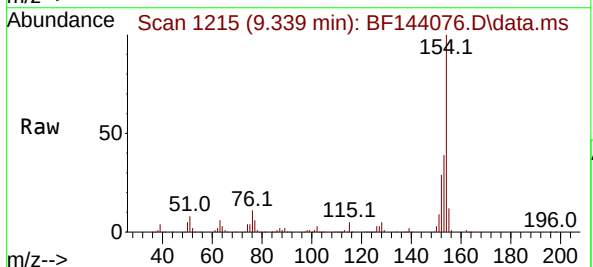
Tgt Ion:154 Resp: 416023

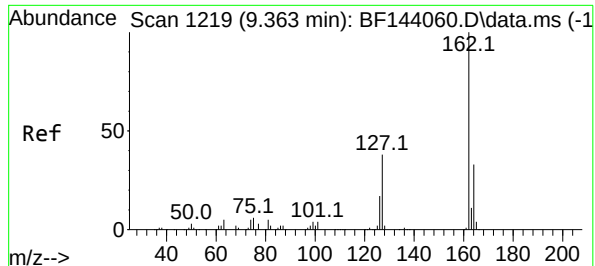
Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.749 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:162 Resp: 317814

Ion Ratio Lower Upper

162 100

127 36.7 31.6 47.4

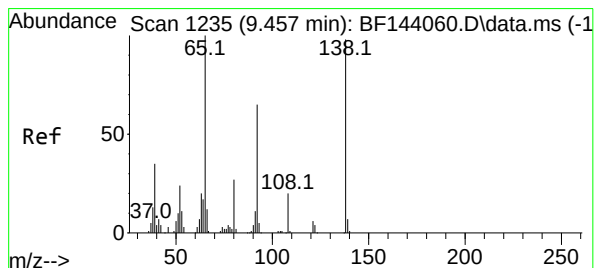
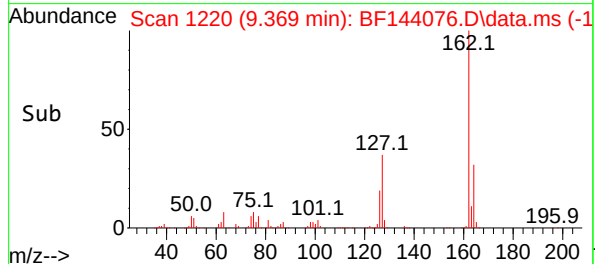
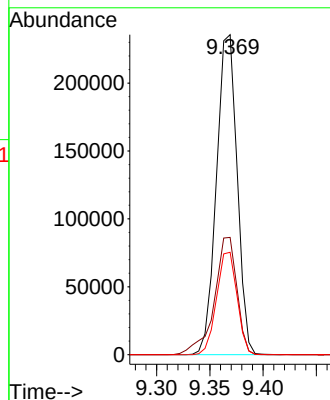
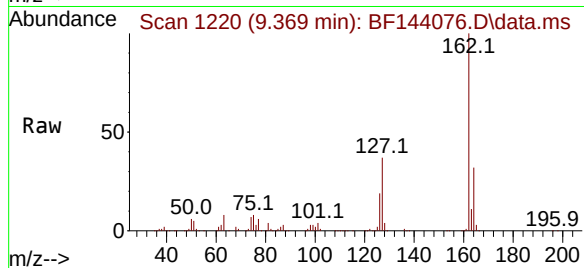
164 32.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#48

2-Nitroaniline

Concen: 44.613 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

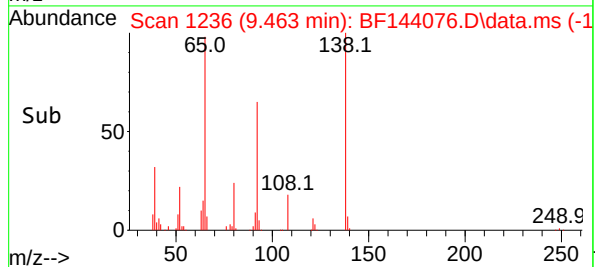
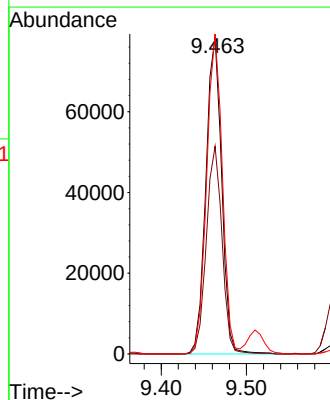
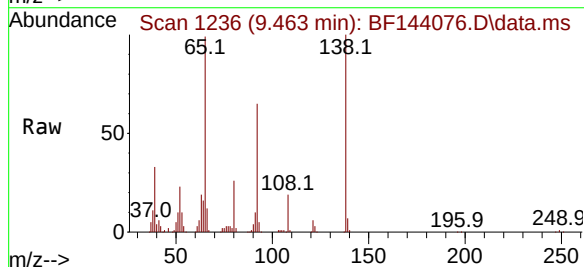
Tgt Ion: 65 Resp: 100849

Ion Ratio Lower Upper

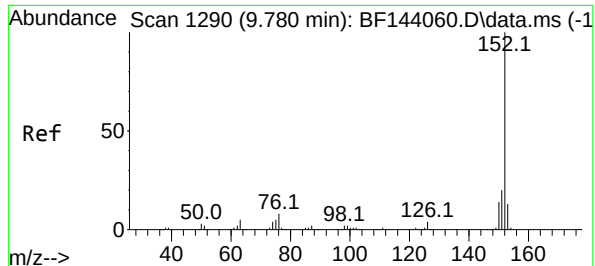
65 100

92 65.5 52.3 78.5

138 101.0 78.3 117.5







#49

Acenaphthylene

Concen: 47.567 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:152 Resp: 488250

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

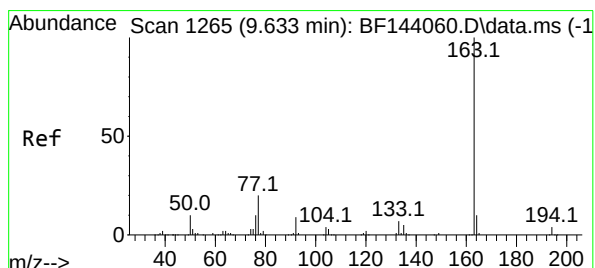
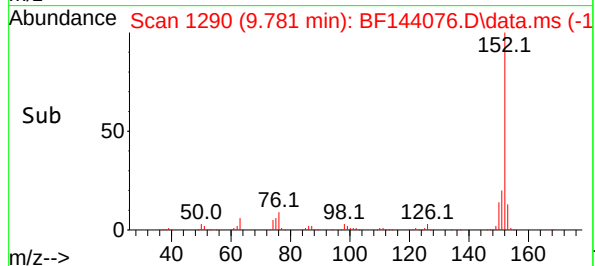
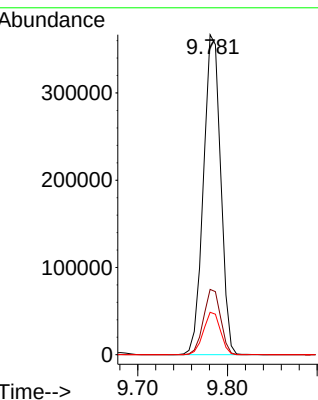
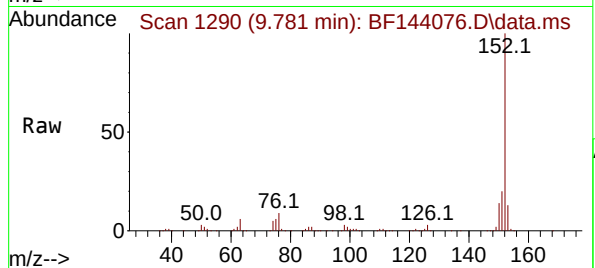
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#50

Dimethylphthalate

Concen: 43.887 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

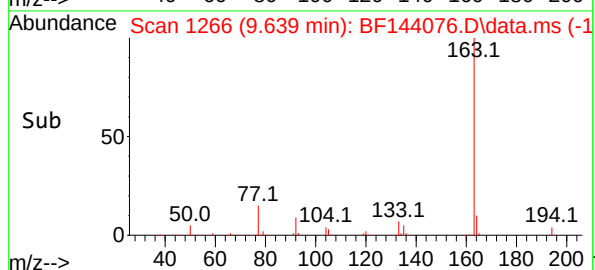
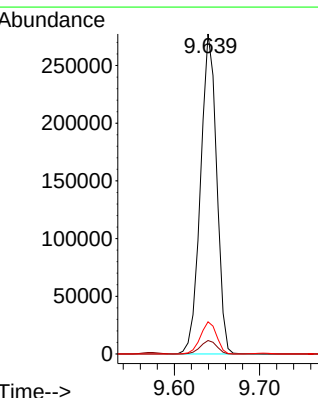
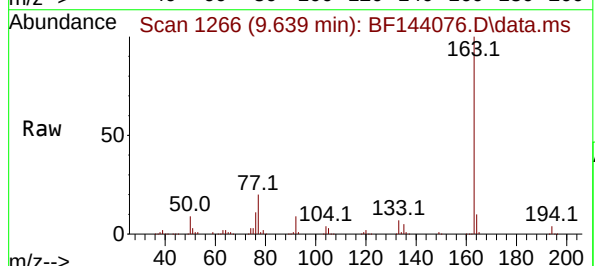
Tgt Ion:163 Resp: 365152

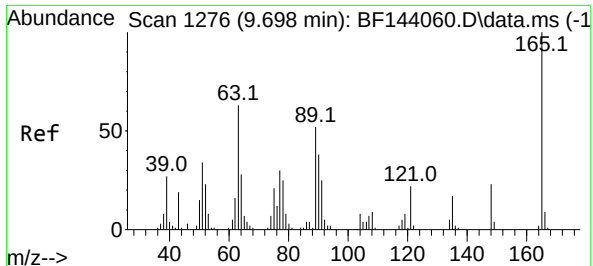
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

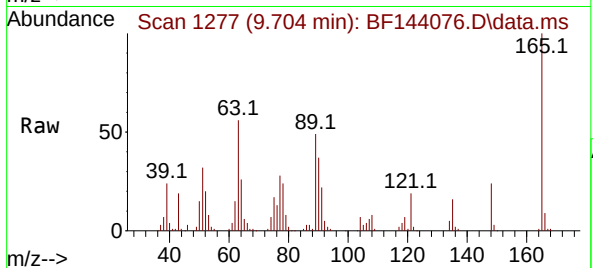
164 10.0 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 46.689 ng  
RT: 9.704 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

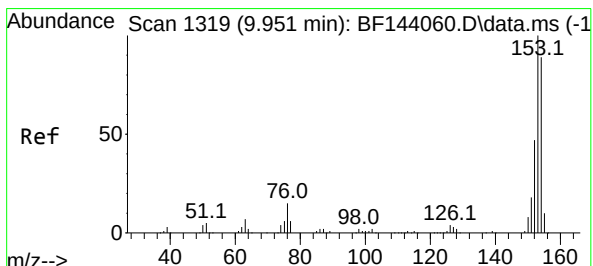
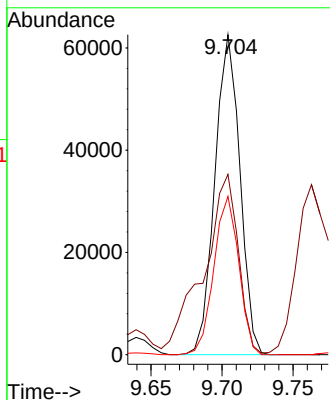
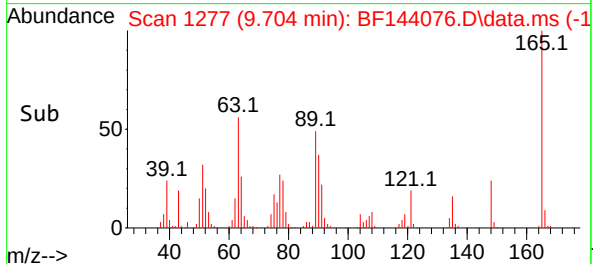
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



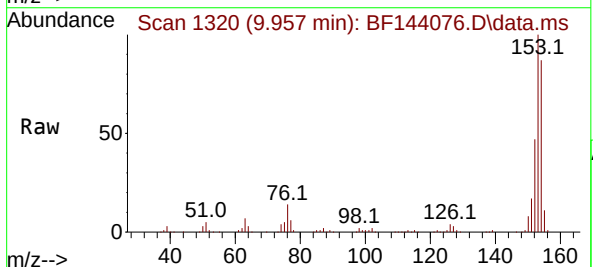
Tgt Ion:165 Resp: 76791  
Ion Ratio Lower Upper  
165 100  
63 56.3 50.4 75.6  
89 49.5 41.4 62.2

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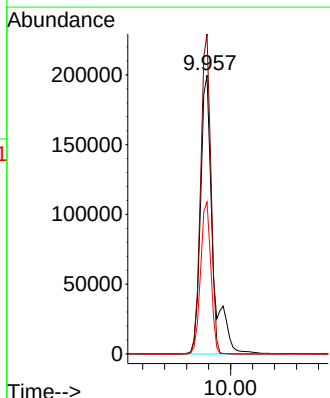
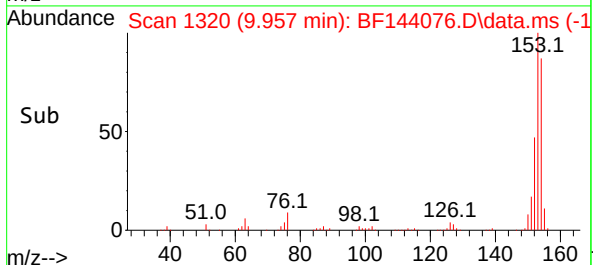
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

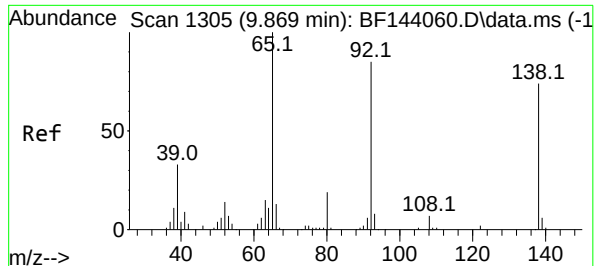


#52  
Acenaphthene  
Concen: 45.192 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



Tgt Ion:154 Resp: 309791  
Ion Ratio Lower Upper  
154 100  
153 114.8 89.9 134.9  
152 54.5 42.0 63.0





#53

3-Nitroaniline

Concen: 29.317 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:138 Resp: 53614

Ion Ratio Lower Upper

138 100

108 10.5 7.9 11.9

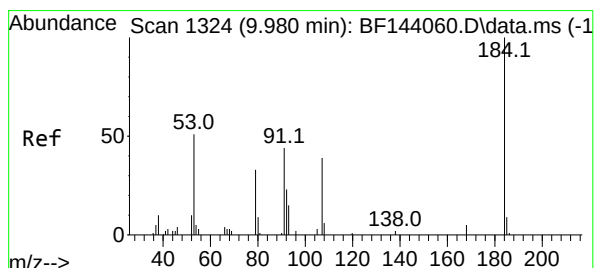
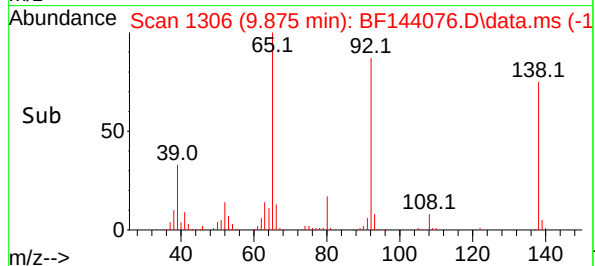
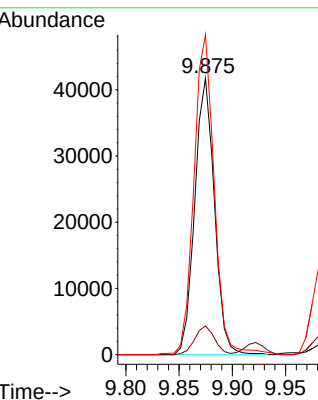
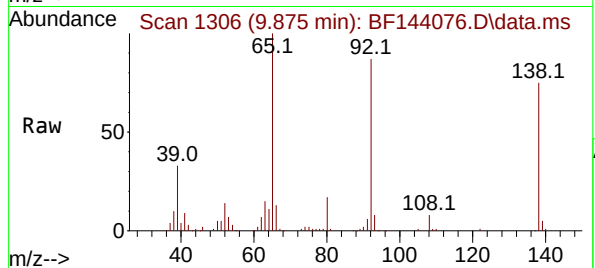
92 115.8 92.0 138.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#54

2,4-Dinitrophenol

Concen: 95.333 ng

RT: 9.987 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

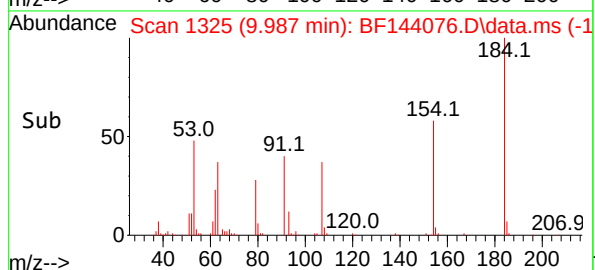
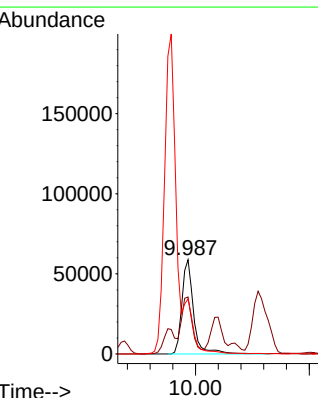
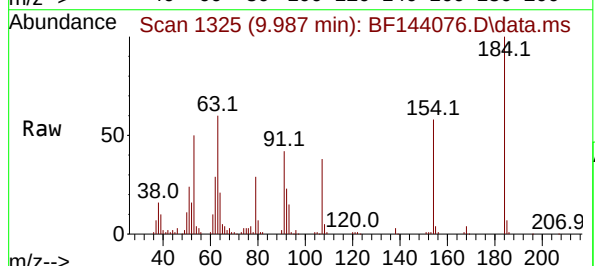
Tgt Ion:184 Resp: 84812

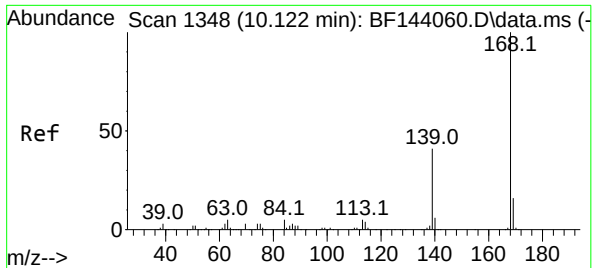
Ion Ratio Lower Upper

184 100

63 60.5 52.1 78.1

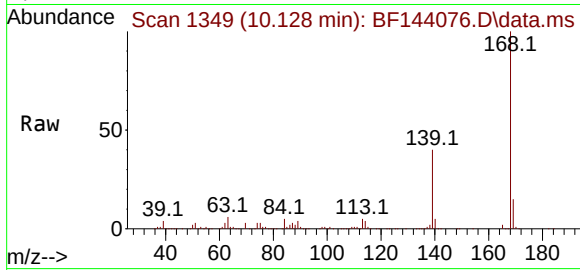
154 58.4 47.9 71.9





#55  
Dibenzenofuran  
Concen: 42.917 ng  
RT: 10.128 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

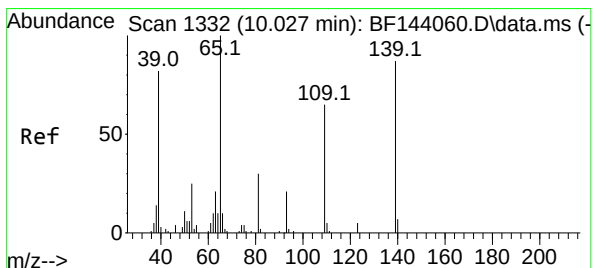
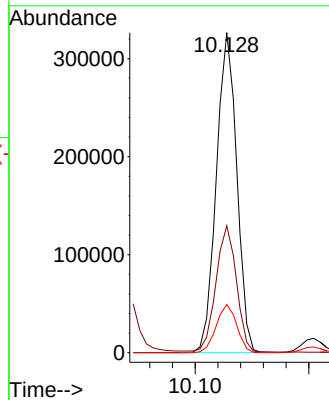
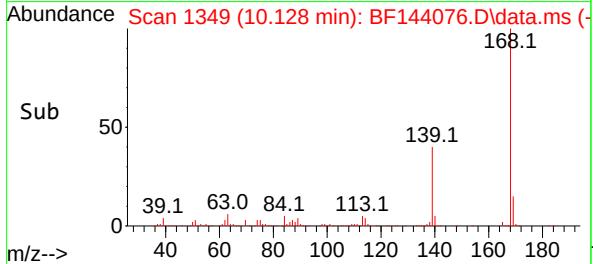
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:168 Resp: 408424  
Ion Ratio Lower Upper  
168 100  
139 39.6 33.2 49.8  
169 15.0 12.6 19.0

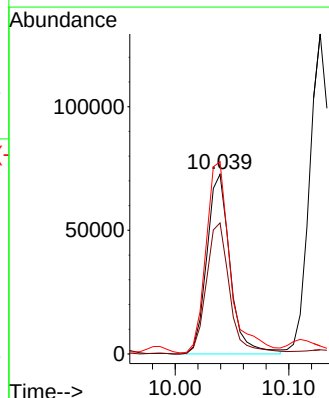
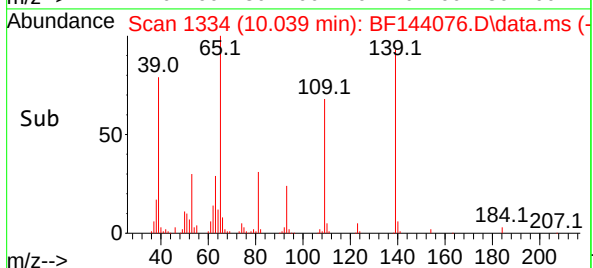
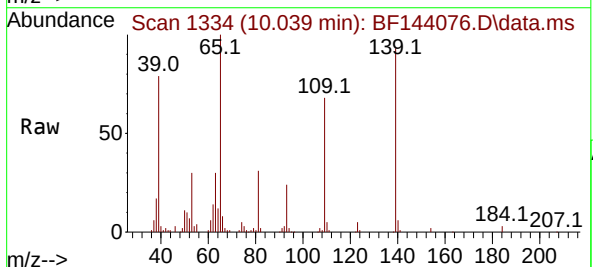
Manual Integrations  
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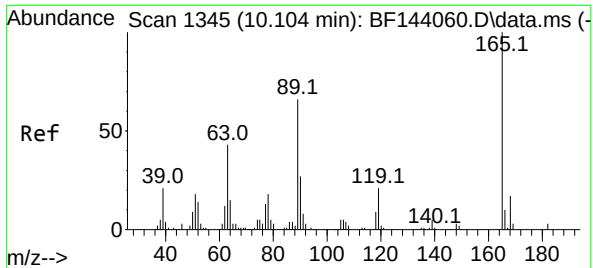
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#56  
4-Nitrophenol  
Concen: 83.365 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.012 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:139 Resp: 103237  
Ion Ratio Lower Upper  
139 100  
109 72.9 53.8 93.8  
65 107.0 95.9 135.9





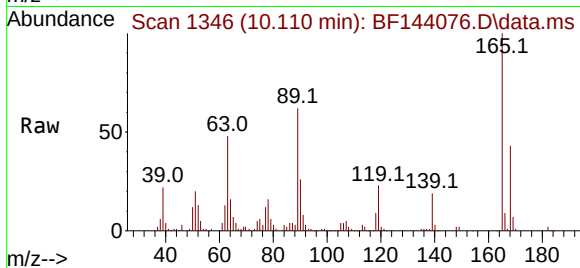
#57  
2,4-Dinitrotoluene  
Concen: 46.338 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

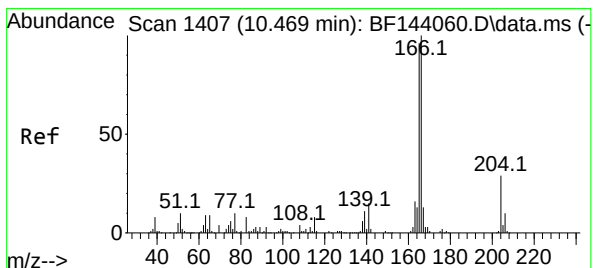
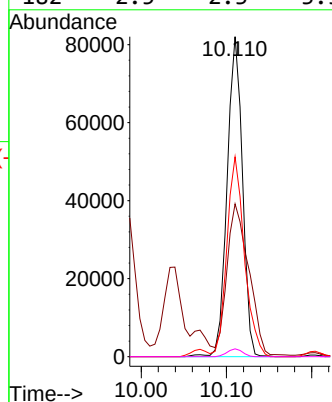
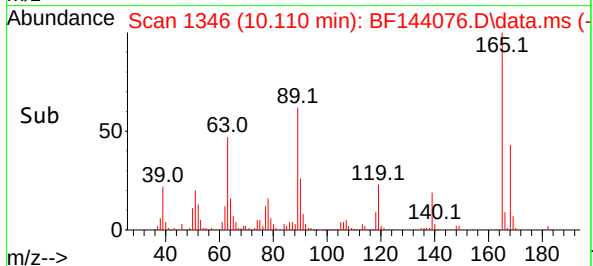


Tgt Ion:165 Resp: 102869  
Ion Ratio Lower Upper  
165 100  
63 47.8 35.4 53.2  
89 62.4 52.7 79.1  
182 2.5 2.3 3.5

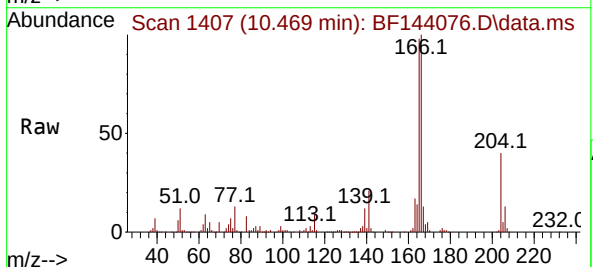
Manual Integrations

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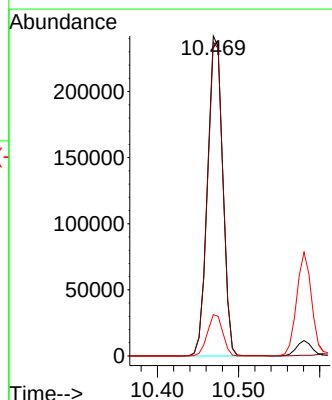
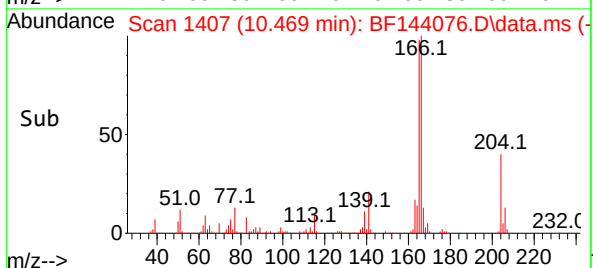
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

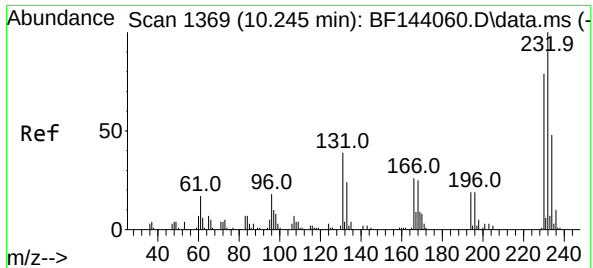


#58  
Fluorene  
Concen: 43.341 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



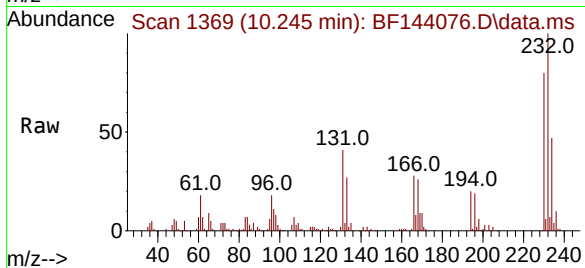
Tgt Ion:166 Resp: 314278  
Ion Ratio Lower Upper  
166 100  
165 98.1 77.0 115.4  
167 12.9 10.2 15.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.238 ng m  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

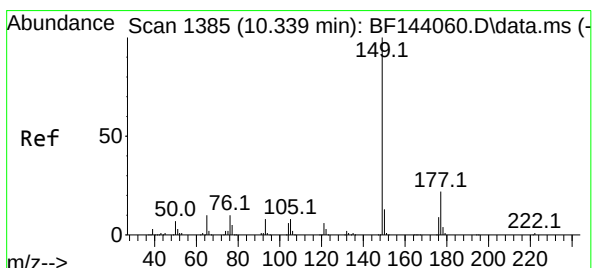
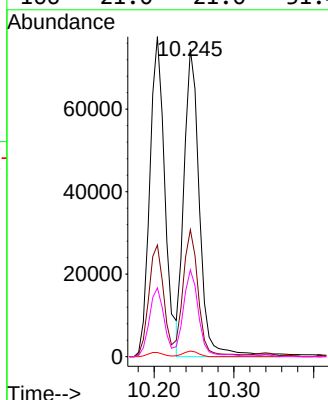
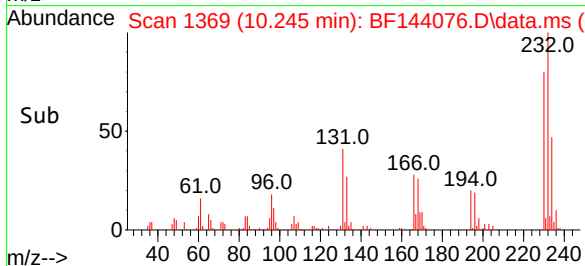
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:232 Resp: 101160  
Ion Ratio Lower Upper  
232 100  
131 34.4 31.9 47.9  
130 1.4 1.1 1.7  
166 21.0 21.0 31.4

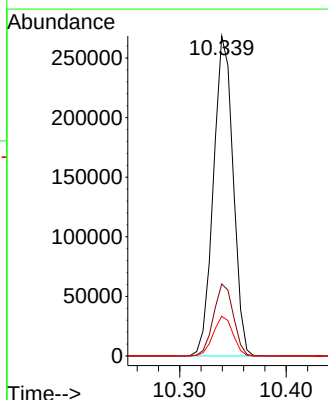
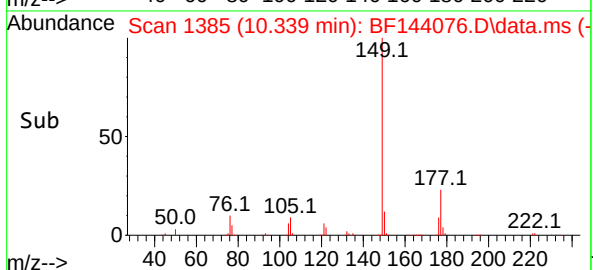
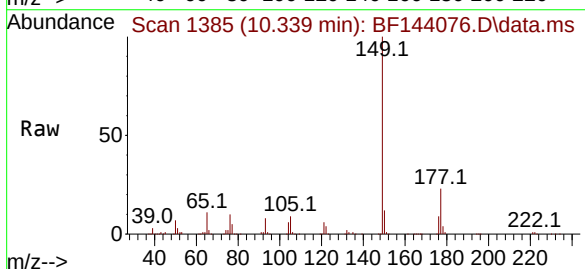
Manual Integrations  
APPROVED

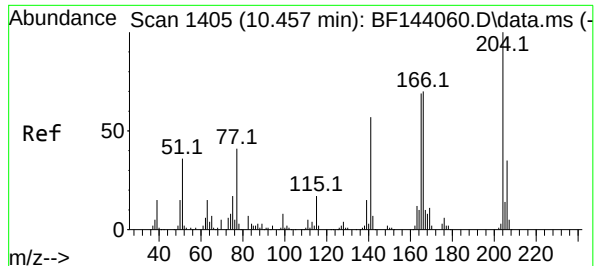
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#60  
Diethylphthalate  
Concen: 44.027 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

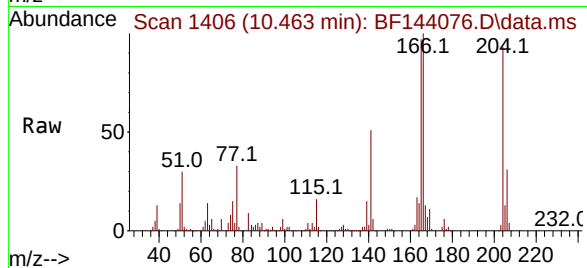
Tgt Ion:149 Resp: 344494  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.8 26.6  
150 12.4 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 43.398 ng  
RT: 10.463 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

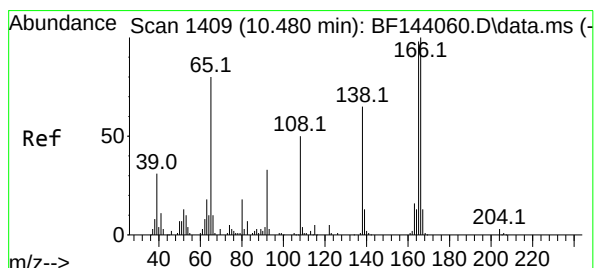
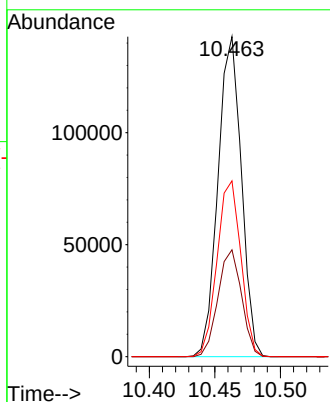
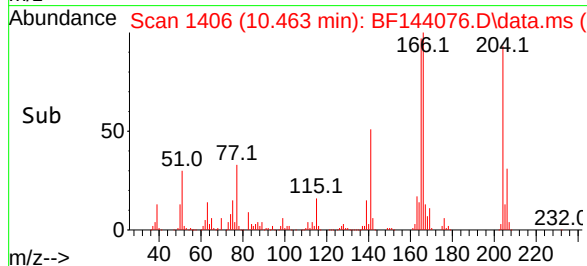
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



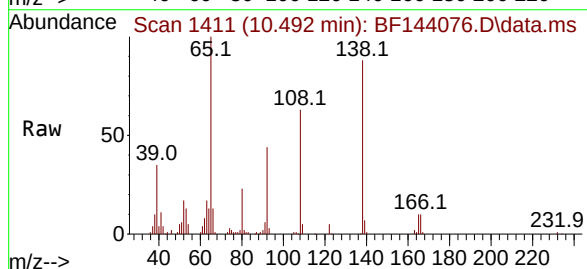
Tgt Ion:204 Resp: 176970  
Ion Ratio Lower Upper  
204 100  
206 33.4 27.8 41.6  
141 55.0 45.4 68.2

Manual Integrations  
APPROVED

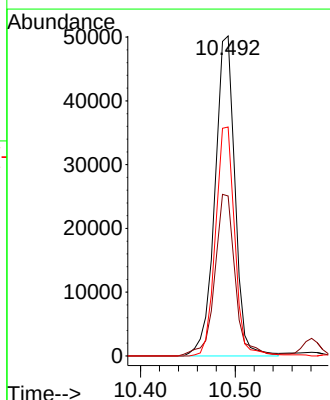
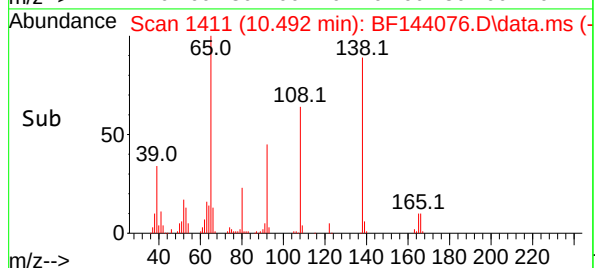
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

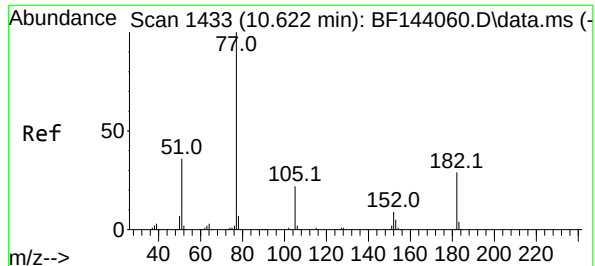


#62  
4-Nitroaniline  
Concen: 42.632 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. 0.012 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



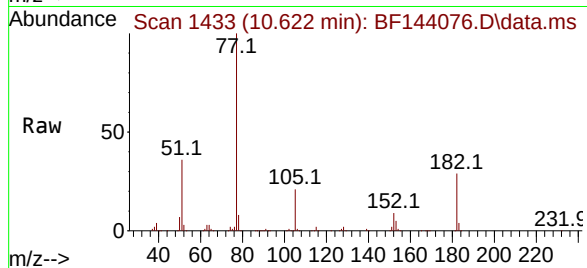
Tgt Ion:138 Resp: 73871  
Ion Ratio Lower Upper  
138 100  
92 50.0 30.5 70.5  
108 71.5 56.2 96.2





#63  
Azobenzene  
Concen: 43.049 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

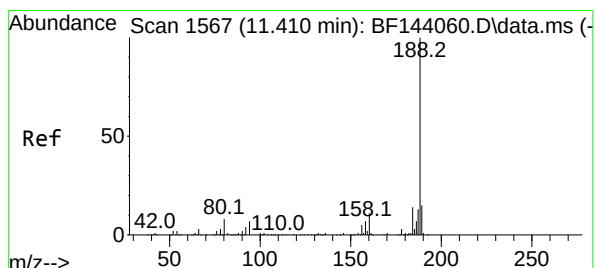
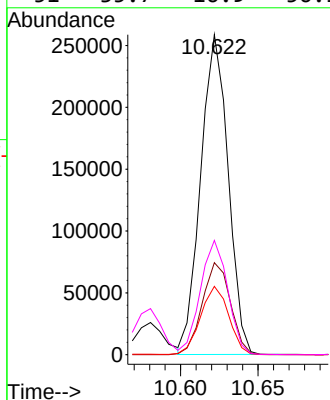
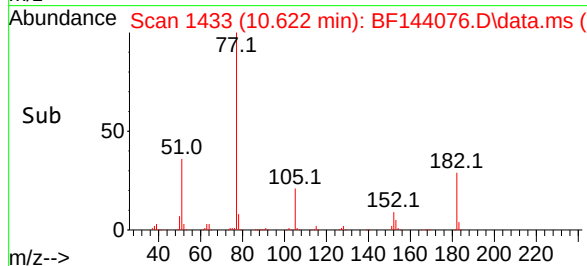
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



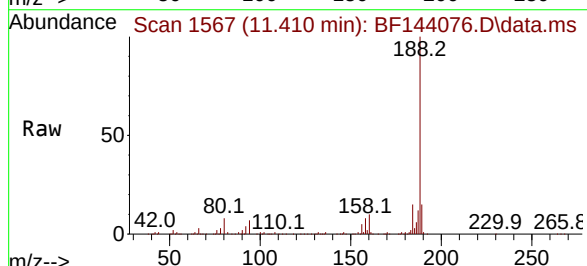
Tgt Ion: 77 Resp: 31881  
Ion Ratio Lower Upper  
77 100  
182 28.7 9.0 49.0  
105 21.3 1.4 41.4  
51 35.7 16.9 56.9

Manual Integrations  
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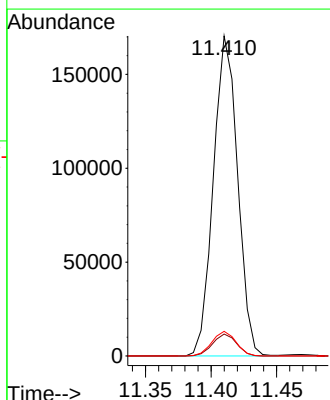
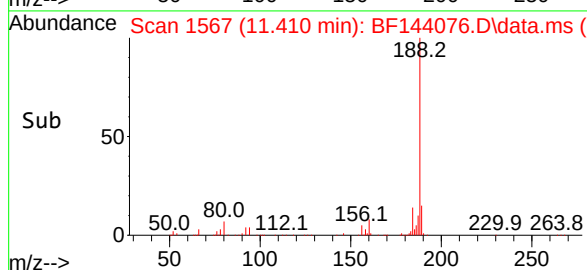
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



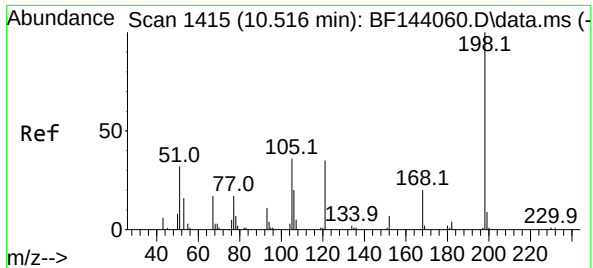
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



Tgt Ion:188 Resp: 219220  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.4 8.0  
80 7.7 6.0 9.0







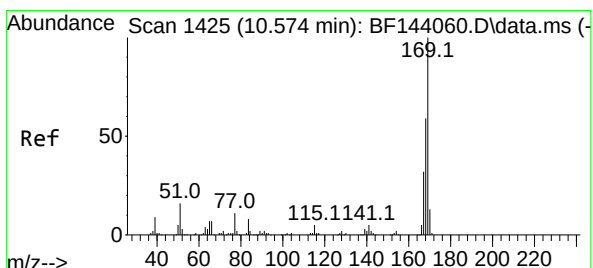
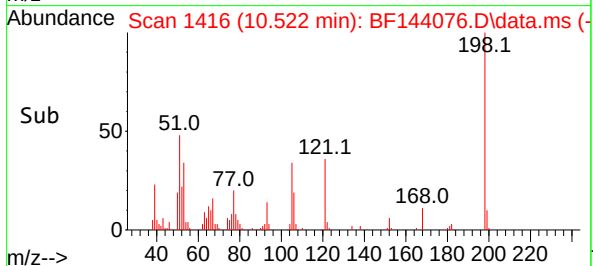
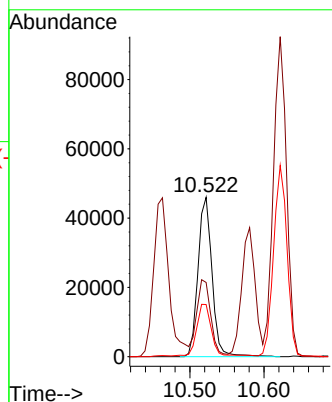
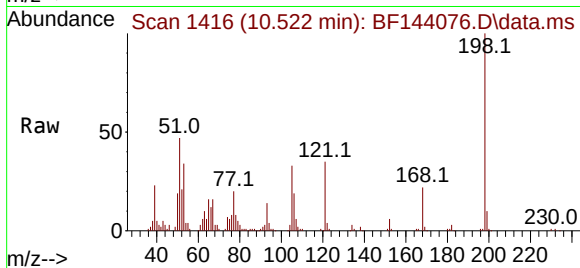
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.080 ng  
RT: 10.522 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS

Tgt Ion:198 Resp: 60591  
Ion Ratio Lower Upper  
198 100  
51 46.6 25.8 65.8  
105 32.8 17.2 57.2

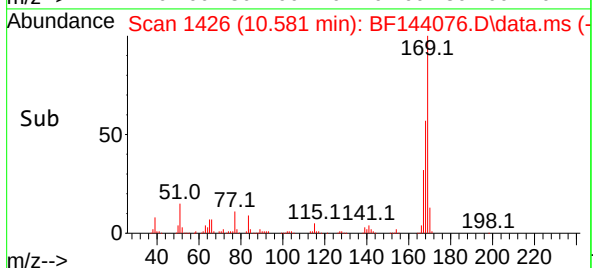
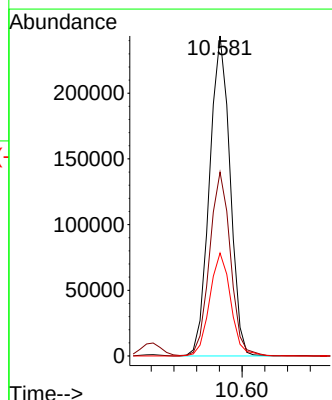
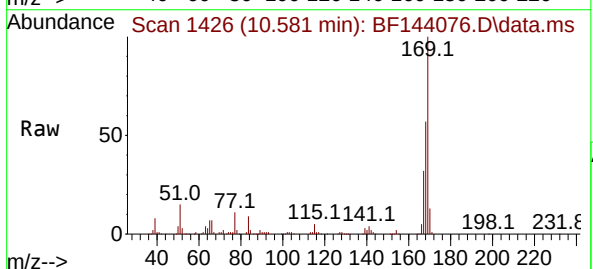
Manual Integrations  
APPROVED

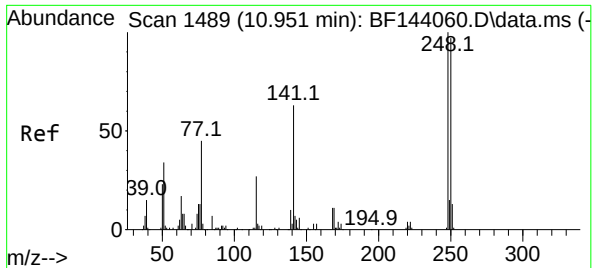
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#66  
n-Nitrosodiphenylamine  
Concen: 43.700 ng  
RT: 10.581 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

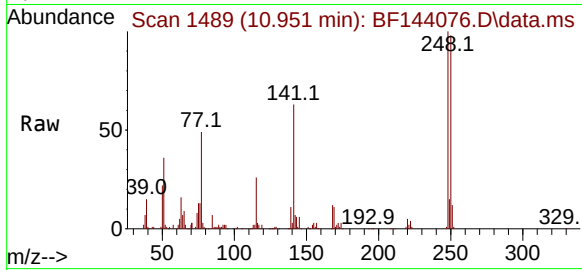
Tgt Ion:169 Resp: 306085  
Ion Ratio Lower Upper  
169 100  
168 57.5 47.4 71.2  
167 32.2 25.5 38.3





#67  
4-Bromophenyl-phenylether  
Concen: 43.120 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

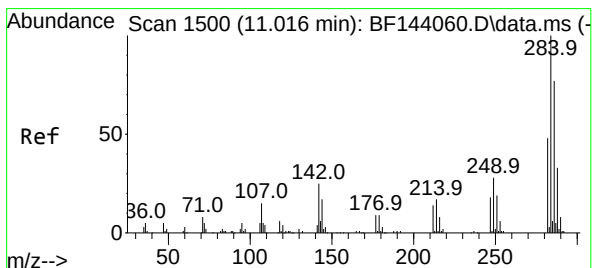
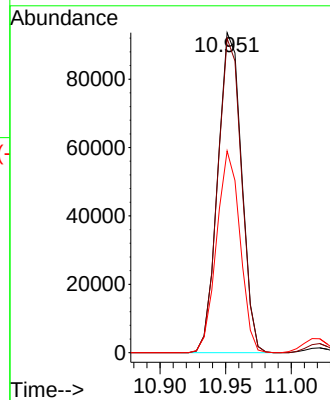
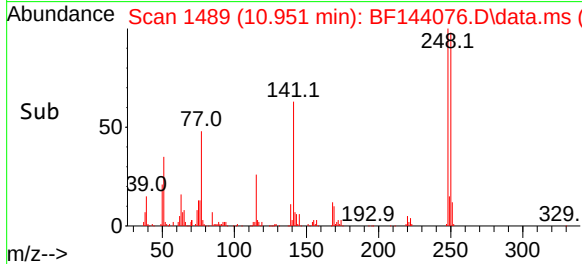
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



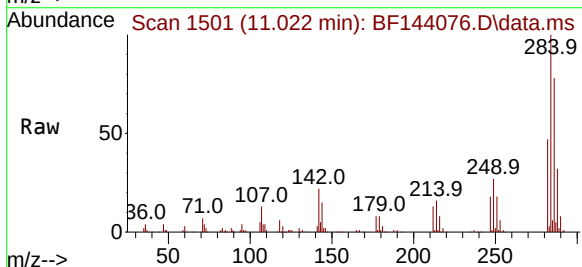
Tgt Ion:248 Resp: 11835  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.8 116.6  
141 63.1 50.5 75.7

Manual Integrations  
APPROVED

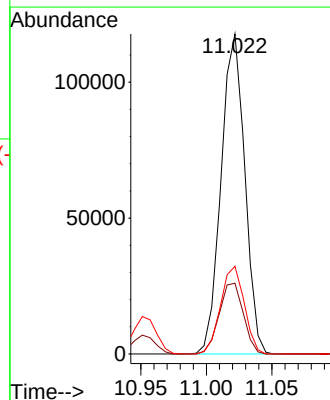
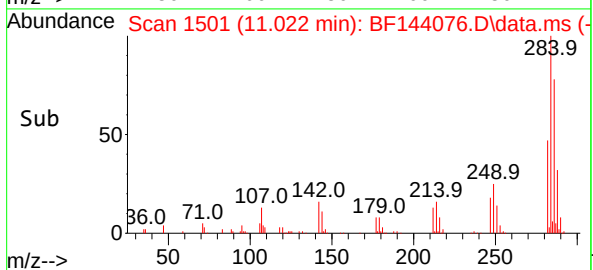
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

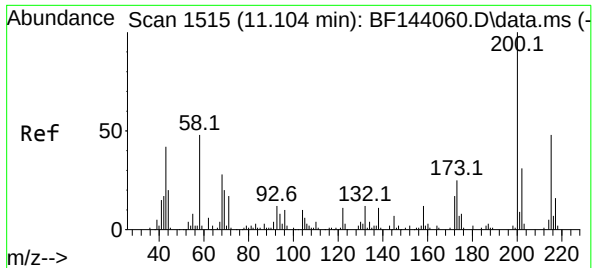


#68  
Hexachlorobenzene  
Concen: 43.904 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



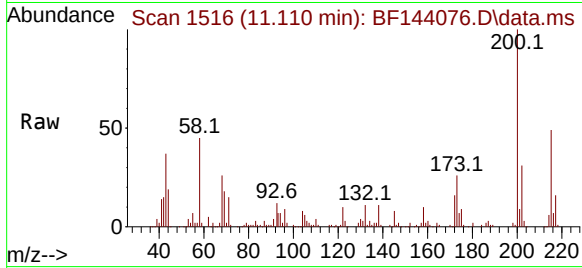
Tgt Ion:284 Resp: 147792  
Ion Ratio Lower Upper  
284 100  
142 22.1 20.0 30.0  
249 27.4 22.2 33.2





#69  
Atrazine  
Concen: 42.776 ng  
RT: 11.110 min Scan# 1516  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

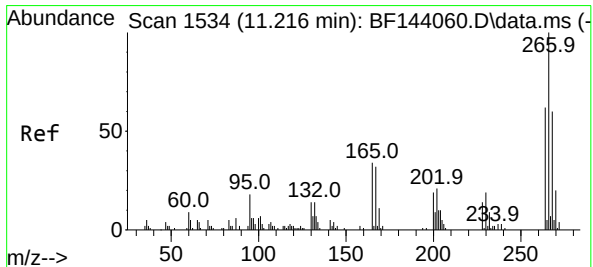
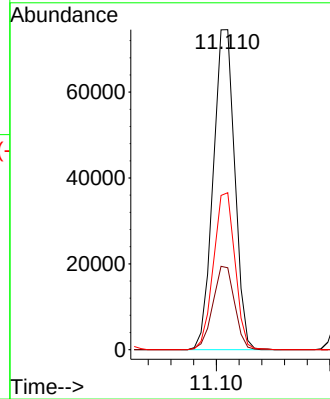
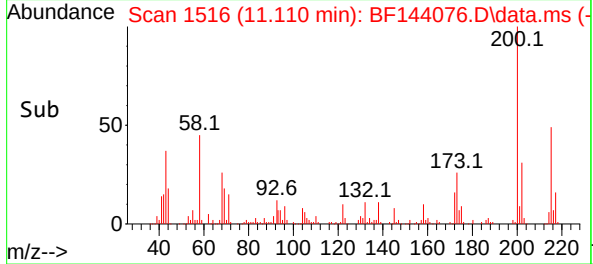
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



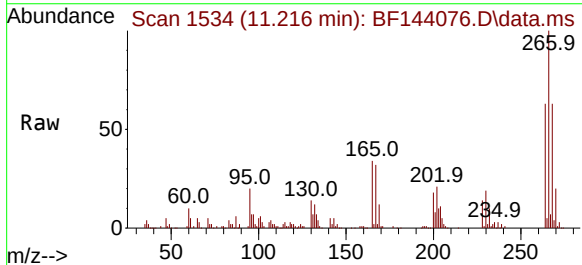
Tgt Ion:200 Resp: 98315  
Ion Ratio Lower Upper  
200 100  
173 25.6 4.9 44.9  
215 49.0 28.2 68.2

Manual Integrations  
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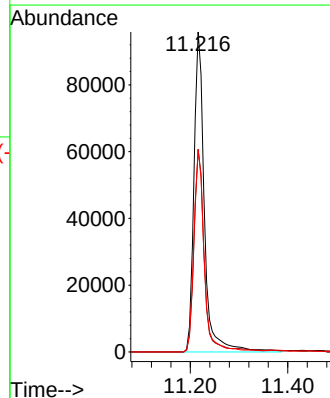
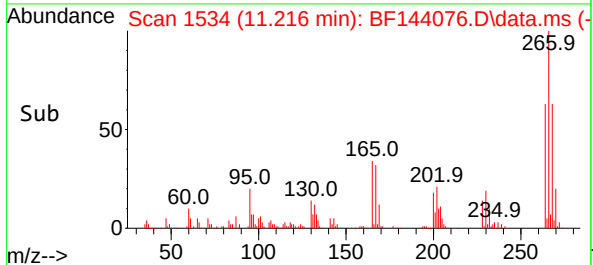
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

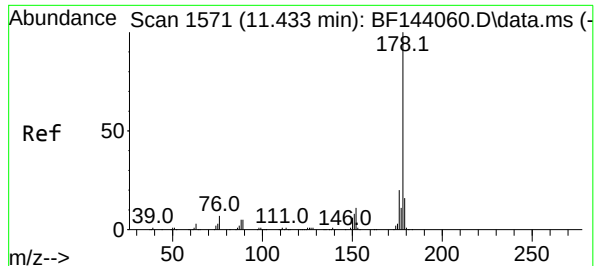


#70  
Pentachlorophenol  
Concen: 89.799 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



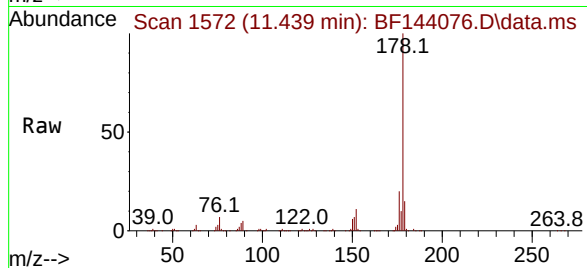
Tgt Ion:266 Resp: 143887  
Ion Ratio Lower Upper  
266 100  
268 63.3 48.2 72.4  
264 63.3 49.4 74.0





#71  
Phenanthrene  
Concen: 41.974 ng  
RT: 11.439 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

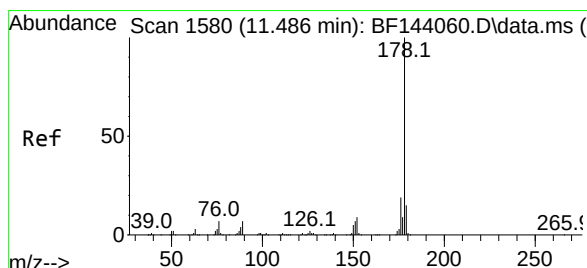
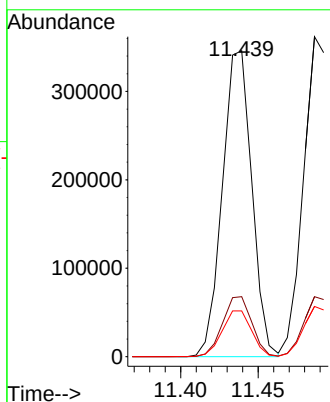
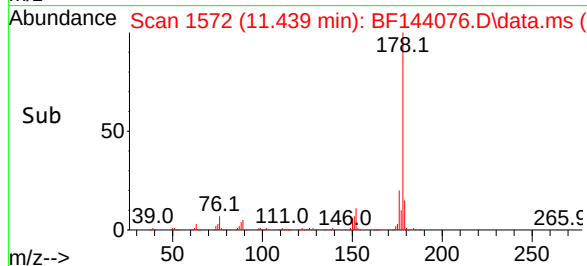
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:178 Resp: 457094  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.3 24.5  
179 15.0 12.6 18.8

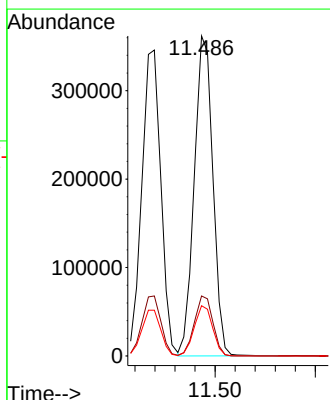
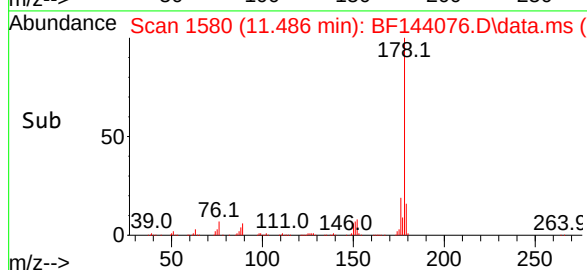
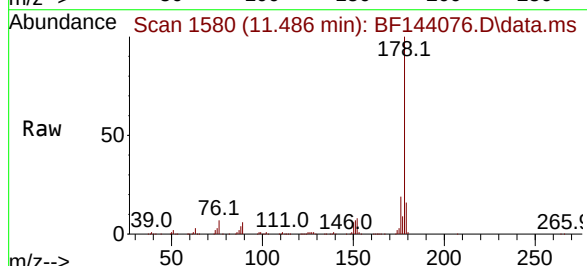
Manual Integrations  
APPROVED

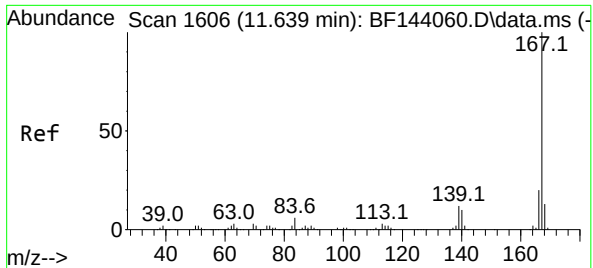
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#72  
Anthracene  
Concen: 41.592 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

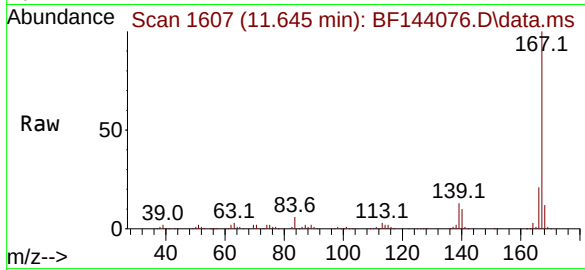
Tgt Ion:178 Resp: 467889  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.7 11.8 17.6





#73  
Carbazole  
Concen: 40.617 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

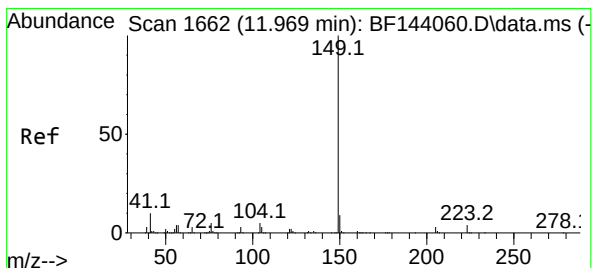
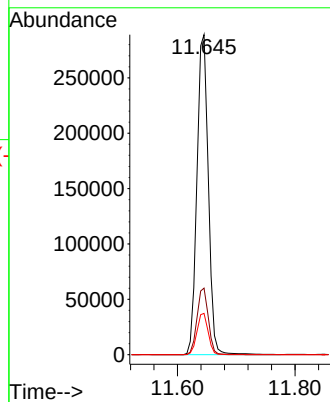
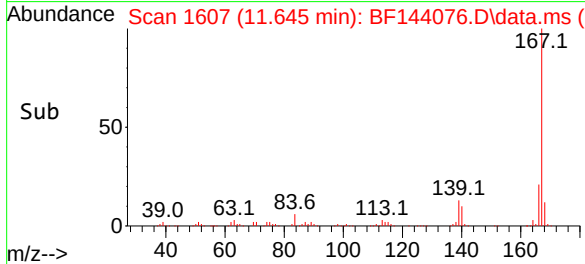
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



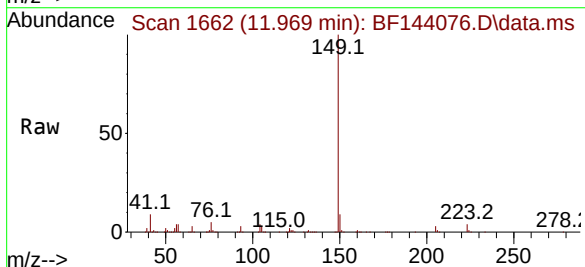
Tgt Ion:167 Resp: 388915  
Ion Ratio Lower Upper  
167 100  
166 20.8 16.1 24.1  
139 12.9 9.8 14.6

Manual Integrations  
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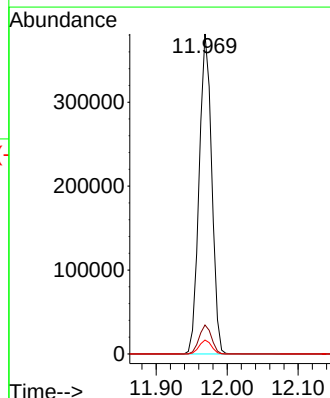
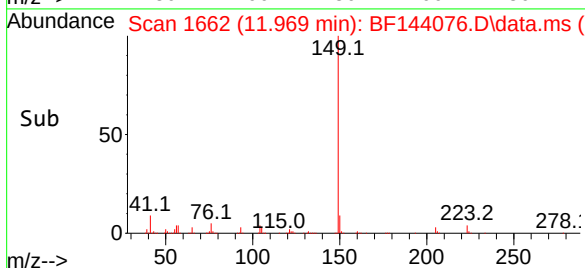
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

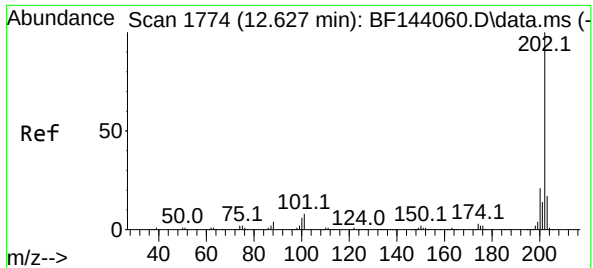


#74  
Di-n-butylphthalate  
Concen: 40.095 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



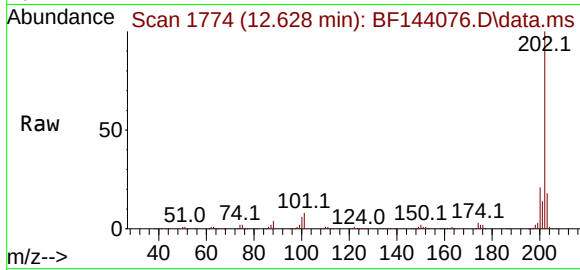
Tgt Ion:149 Resp: 470696  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.3 10.9  
104 4.4 3.6 5.4





#75  
Fluoranthene  
Concen: 37.294 ng  
RT: 12.628 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

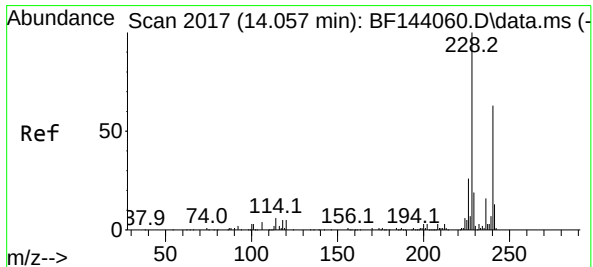
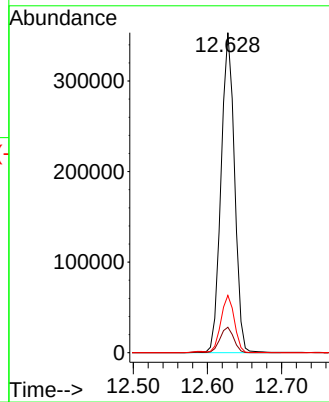
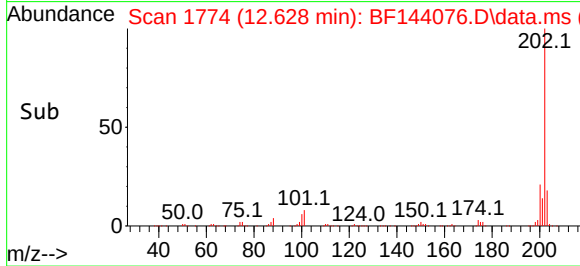
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:202 Resp: 448694  
Ion Ratio Lower Upper  
202 100  
101 8.0 0.0 27.7  
203 17.9 0.0 37.3

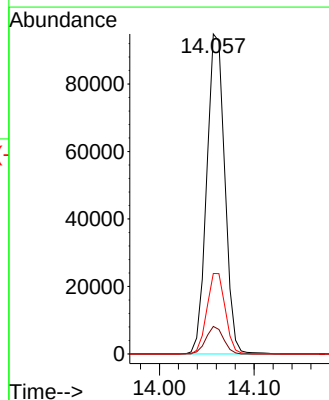
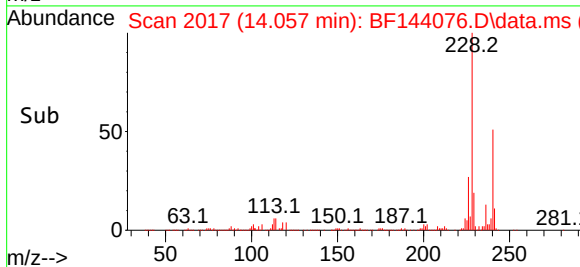
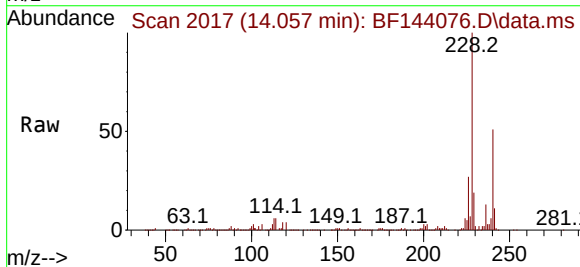
Manual Integrations  
APPROVED

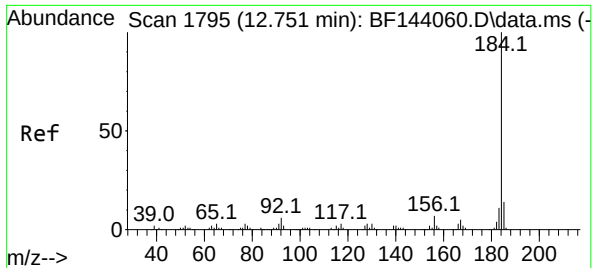
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

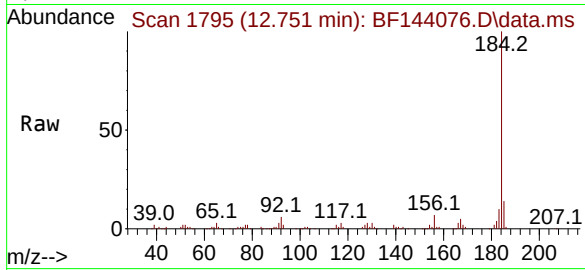
Tgt Ion:240 Resp: 125508  
Ion Ratio Lower Upper  
240 100  
120 8.6 6.5 9.7  
236 25.2 20.1 30.1





#77  
Benzidine  
Concen: 32.007 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

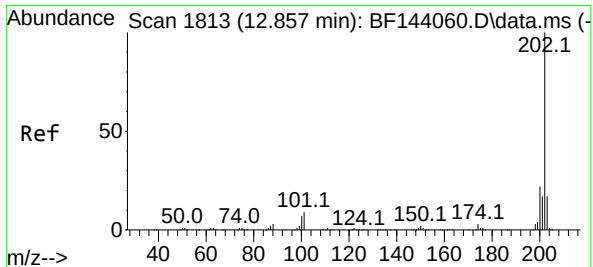
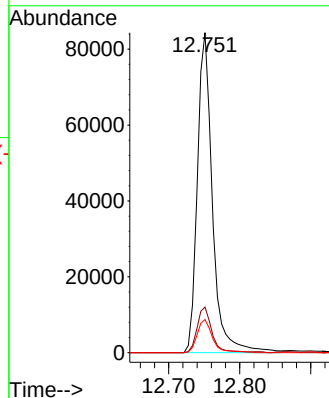
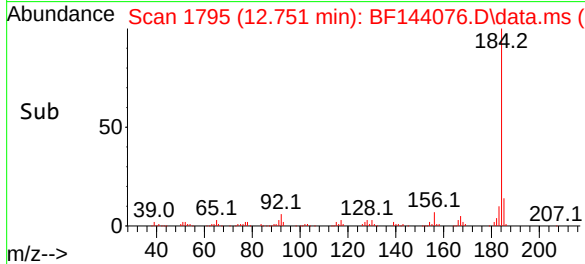
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:184 Resp: 12502  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.6 17.4  
183 10.3 8.5 12.7

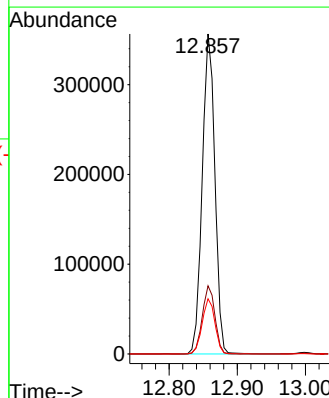
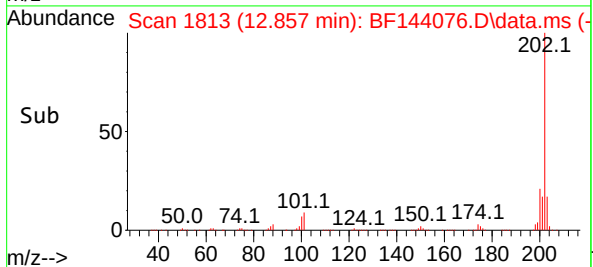
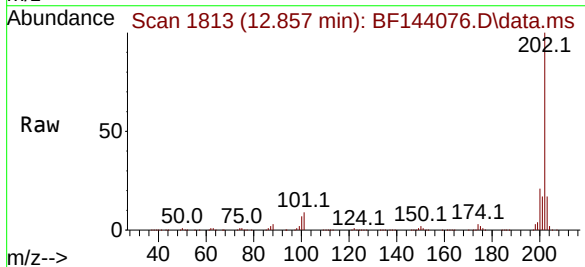
Manual Integrations  
**APPROVED**

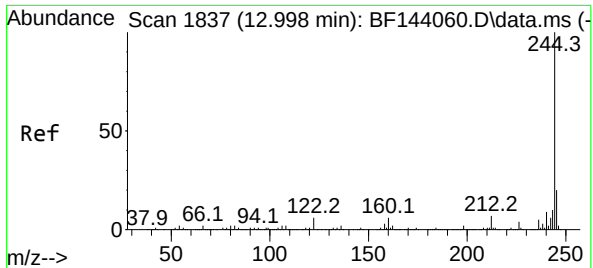
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#78  
Pyrene  
Concen: 50.955 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

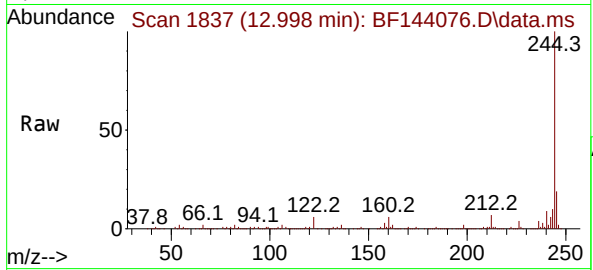
Tgt Ion:202 Resp: 459771  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.2 25.8  
203 17.3 13.5 20.3





#79  
Terphenyl-d14  
Concen: 95.737 ng  
RT: 12.998 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

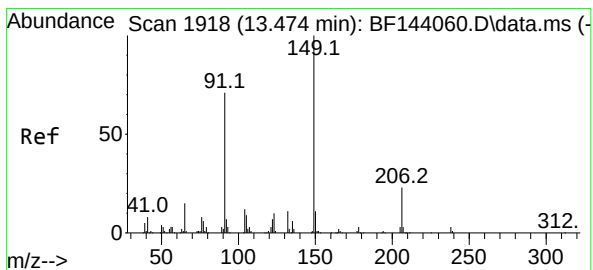
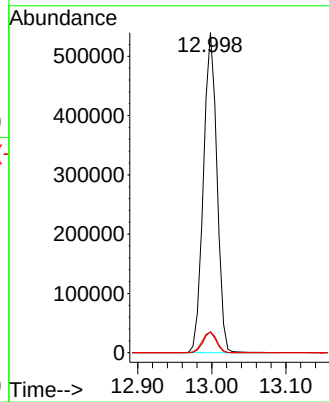
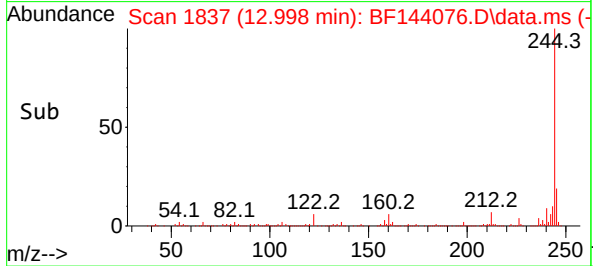
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:244 Resp: 68731  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.8 8.6  
122 6.4 4.9 7.3

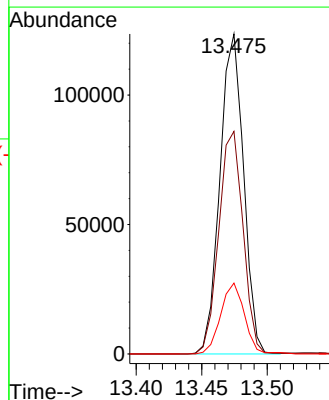
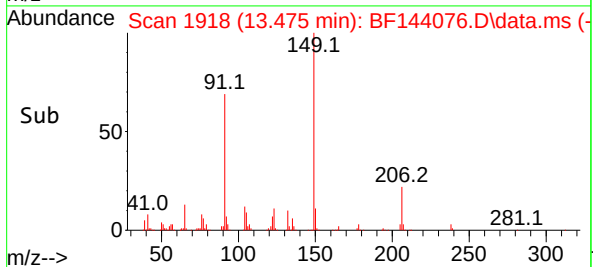
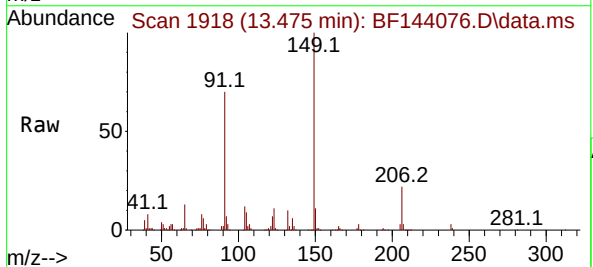
Manual Integrations  
**APPROVED**

Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

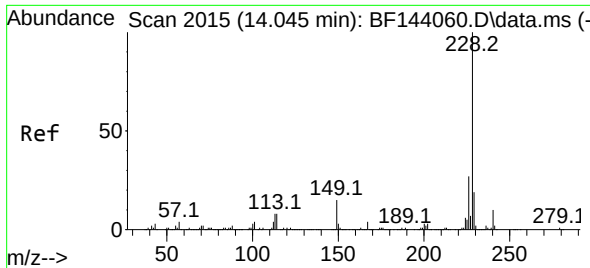


#80  
Butylbenzylphthalate  
Concen: 45.384 ng  
RT: 13.475 min Scan# 1918  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:149 Resp: 154922  
Ion Ratio Lower Upper  
149 100  
91 69.6 56.6 84.8  
206 22.1 18.3 27.5

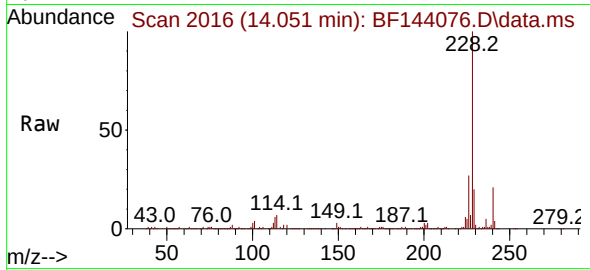






#81  
Benzo(a)anthracene  
Concen: 46.101 ng  
RT: 14.051 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

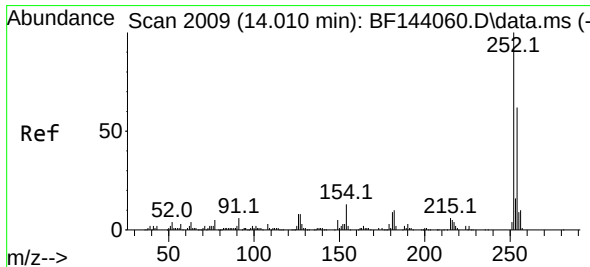
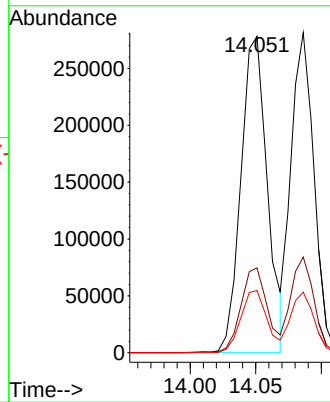
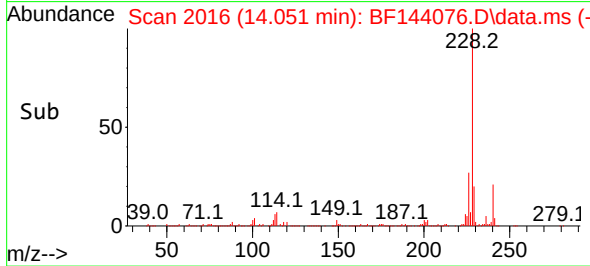
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



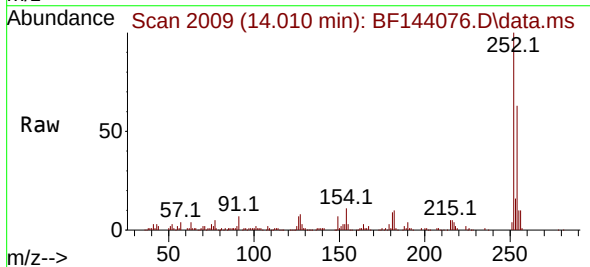
Tgt Ion:228 Resp: 391028  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.4 32.2  
229 19.7 15.3 22.9

Manual Integrations  
APPROVED

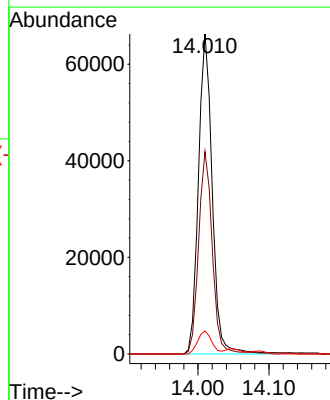
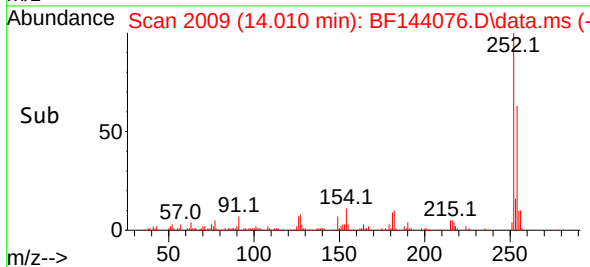
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025

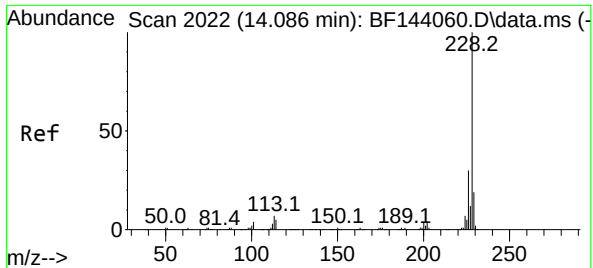


#82  
3,3'-Dichlorobenzidine  
Concen: 30.369 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27



Tgt Ion:252 Resp: 89667  
Ion Ratio Lower Upper  
252 100  
254 63.3 49.9 74.9  
126 7.2 6.5 9.7





#83

Chrysene

Concen: 43.126 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144076.D

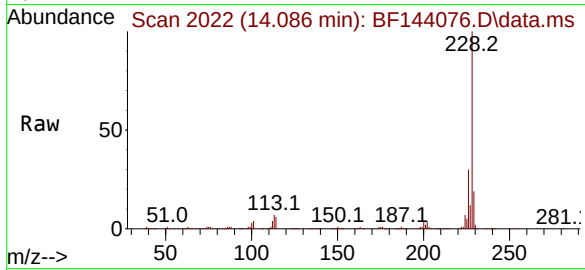
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS



Tgt Ion:228 Resp: 343250

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

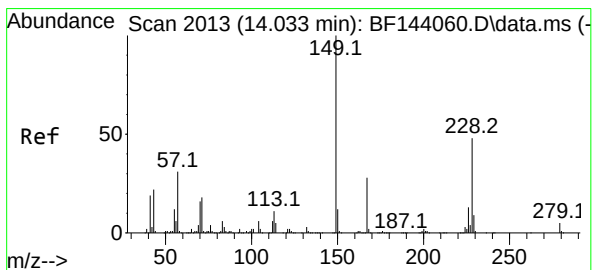
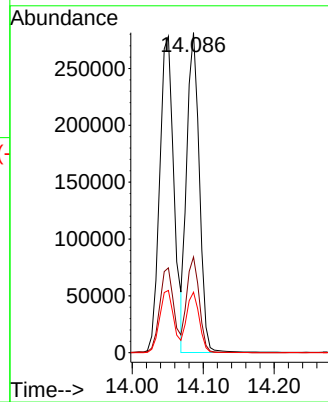
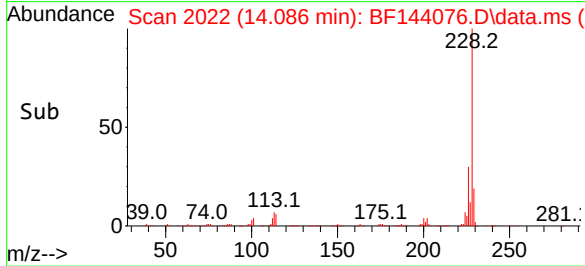
229 18.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#84

Bis(2-ethylhexyl)phthalate

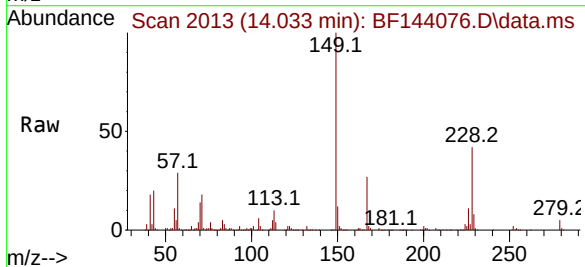
Concen: 42.325 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



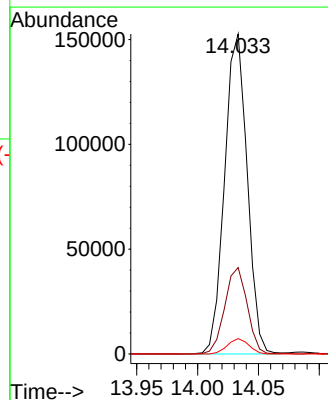
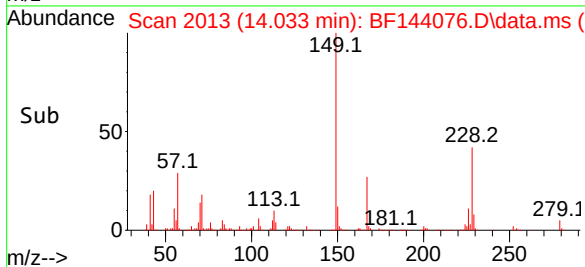
Tgt Ion:149 Resp: 197242

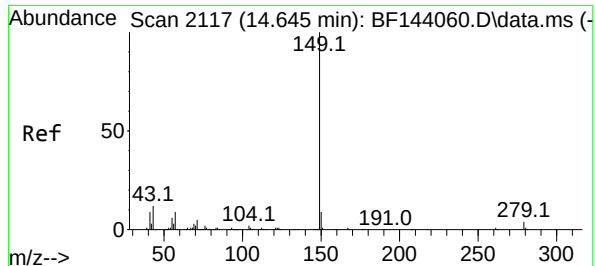
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

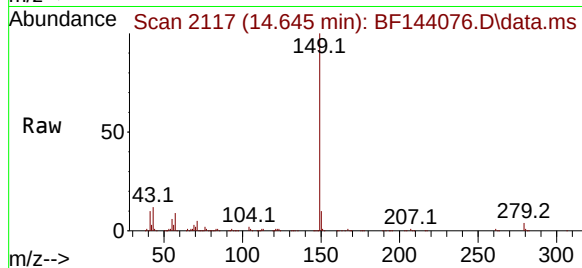
279 4.8 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 43.204 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

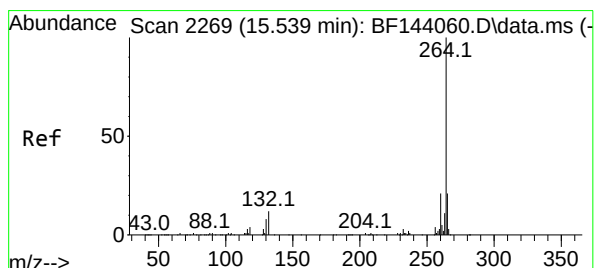
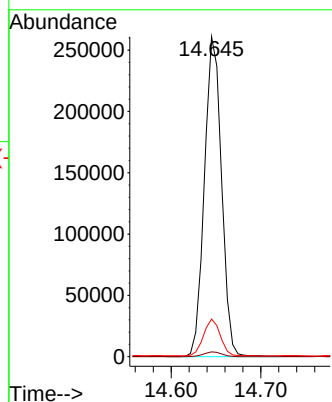
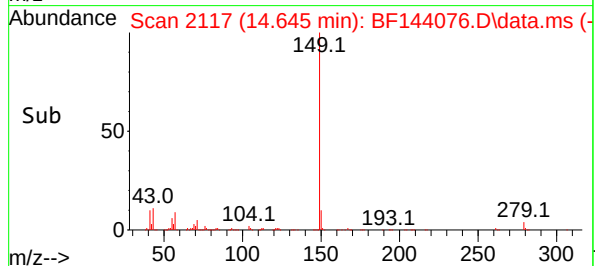
Instrument :  
BNA\_F  
ClientSampleId :  
PB170206BS



Tgt Ion:149 Resp: 346250  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.2 9.3 13.9

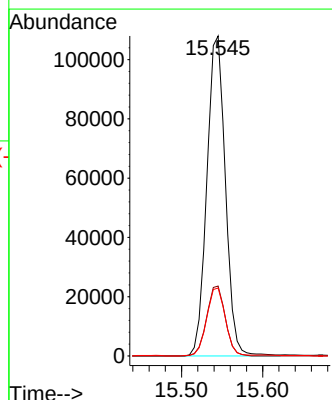
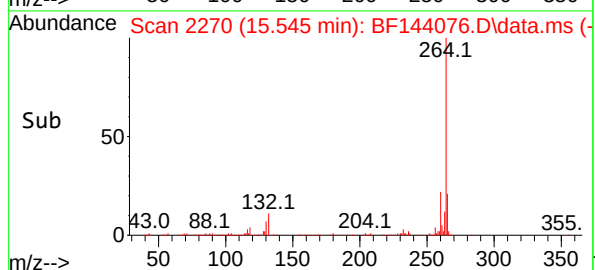
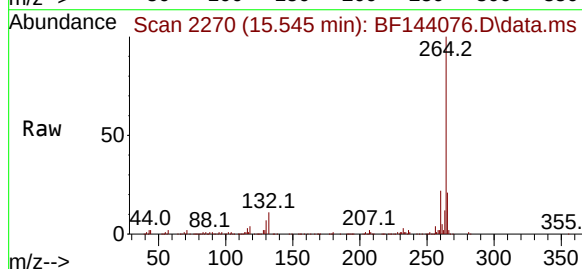
Manual Integrations  
APPROVED

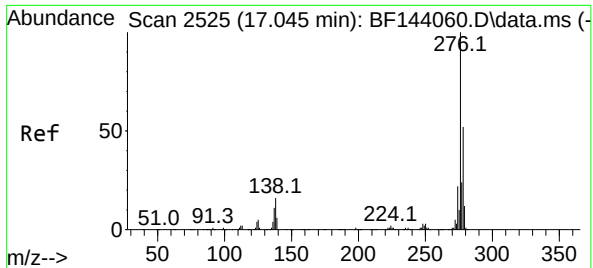
Reviewed By :Rahul Chavli 10/28/2025  
Supervised By :mohammad ahmed 10/30/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.006 min  
Lab File: BF144076.D  
Acq: 27 Oct 2025 11:27

Tgt Ion:264 Resp: 170803  
Ion Ratio Lower Upper  
264 100  
260 21.8 17.0 25.4  
265 21.2 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.859 ng

RT: 17.057 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:276 Resp: 53776

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

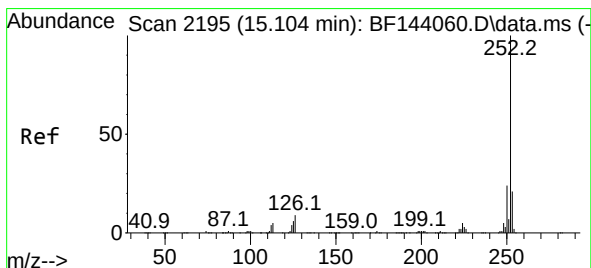
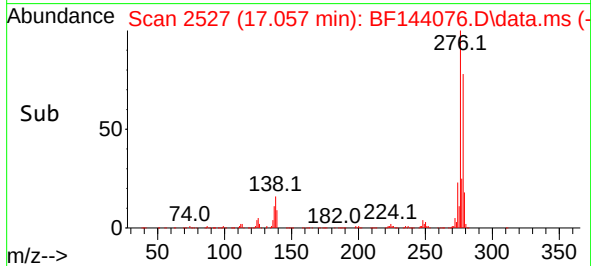
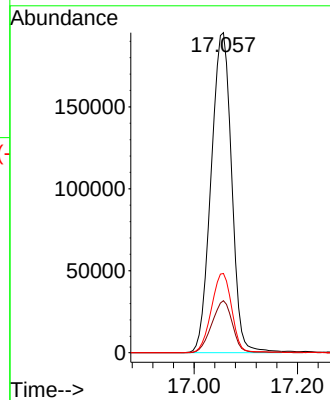
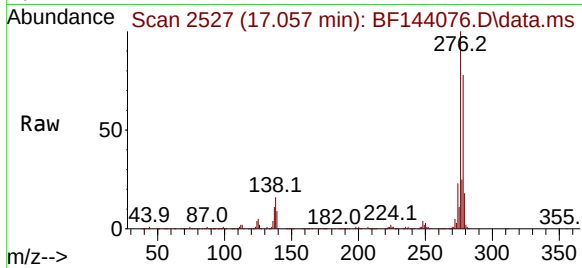
277 24.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#88

Benzo(b)fluoranthene

Concen: 43.695 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

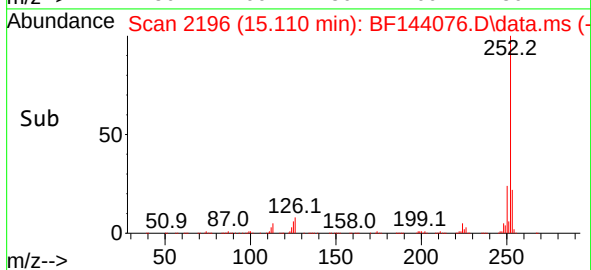
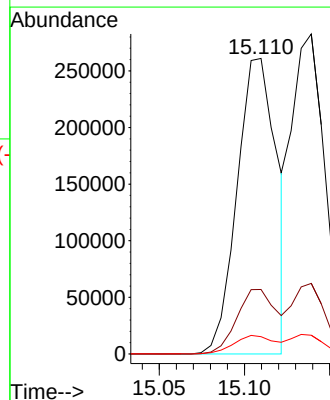
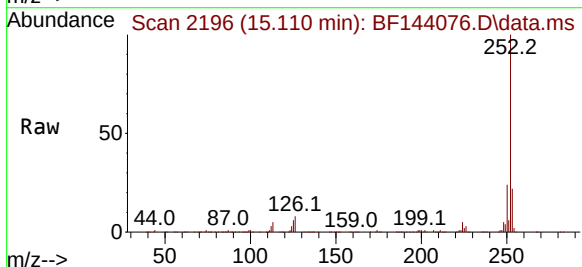
Tgt Ion:252 Resp: 421925

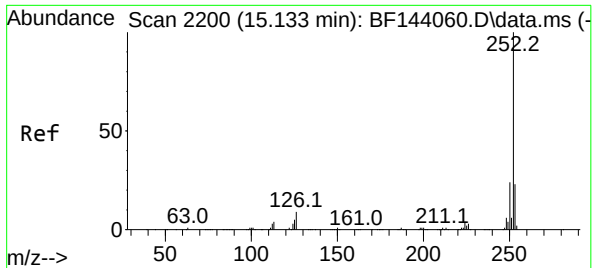
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 5.9 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 43.491 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144076.D

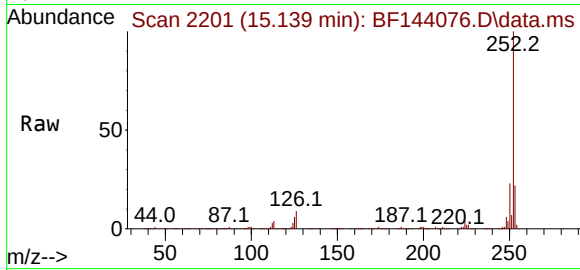
Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS



Tgt Ion:252 Resp: 387464

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

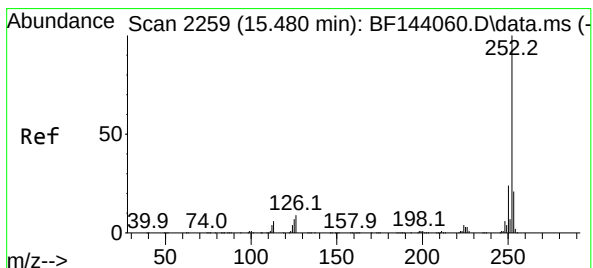
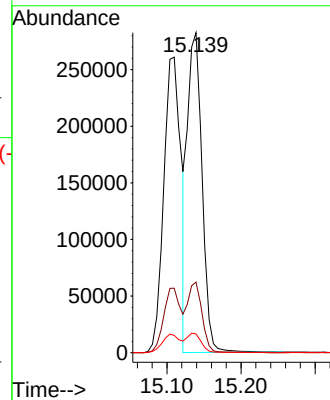
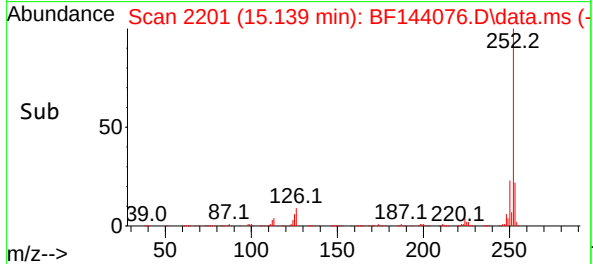
125 5.8 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#90

Benzo(a)pyrene

Concen: 46.574 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

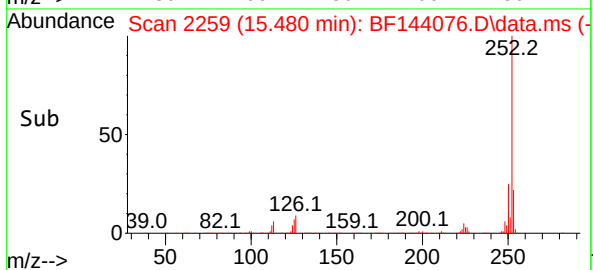
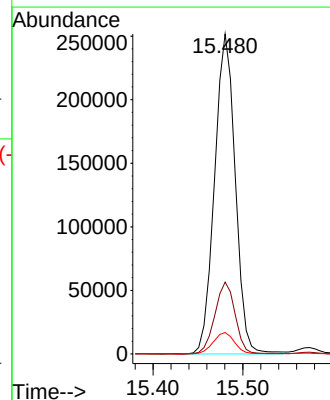
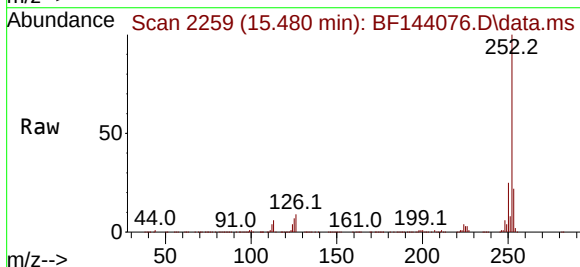
Tgt Ion:252 Resp: 403459

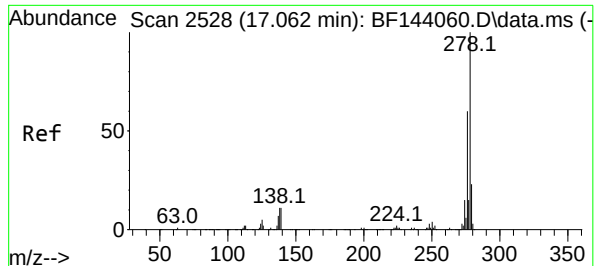
Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 6.7 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 46.423 ng

RT: 17.068 min Scan# 2528

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB170206BS

Tgt Ion:278 Resp: 430920

Ion Ratio Lower Upper

278 100

139 10.4 8.5 12.7

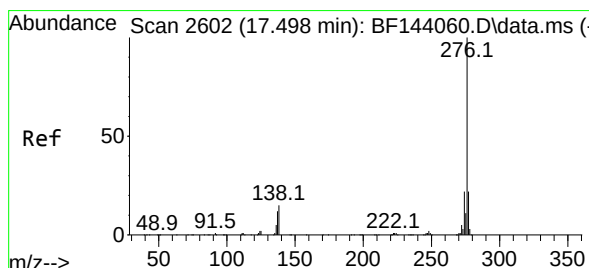
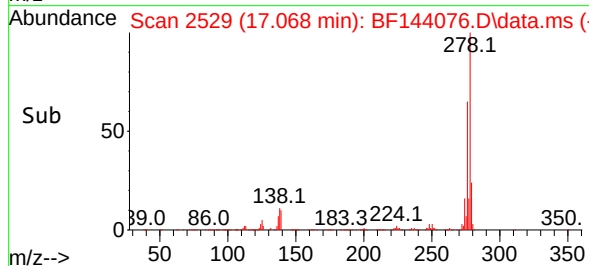
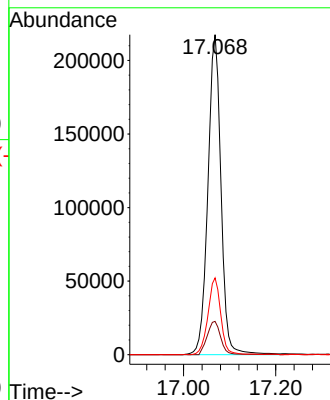
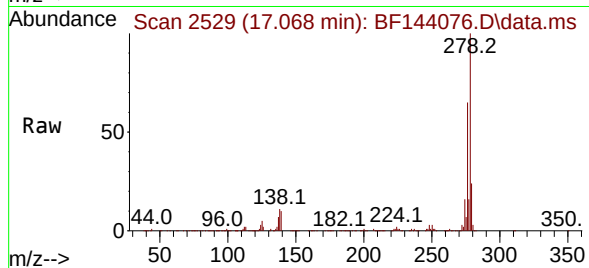
279 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#92

Benzo(g,h,i)perylene

Concen: 48.190 ng

RT: 17.510 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

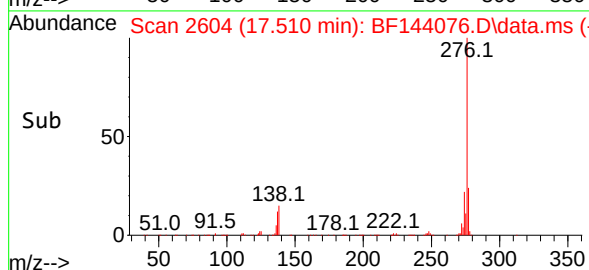
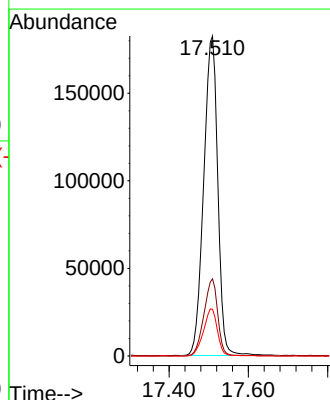
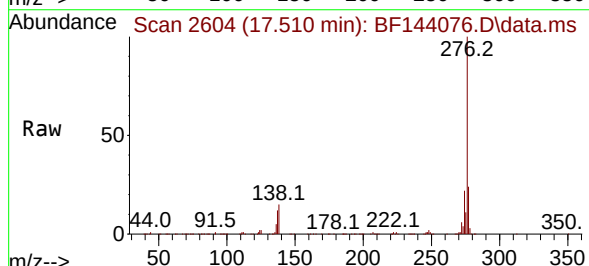
Tgt Ion:276 Resp: 449738

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 14.6 12.0 18.0





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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: COMP-ROLLOFFMS  
Lab Sample ID: Q3399-01MS  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25  
Date Received: 10/20/25  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 89.9  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 920   |      | 1  | 170  | 300  | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 108-95-2       | Phenol                      | 1600  |      | 1  | 24.5 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1600  |      | 1  | 27.0 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 95-57-8        | 2-Chlorophenol              | 1700  |      | 1  | 27.1 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 95-48-7        | 2-Methylphenol              | 1600  |      | 1  | 33.2 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1300  |      | 1  | 41.6 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 98-86-2        | Acetophenone                | 2000  |      | 1  | 32.7 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 65794-96-9     | 3+4-Methylphenols           | 1600  |      | 1  | 45.6 | 300  | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1500  |      | 1  | 52.6 | 88.8 | 88.8       | ug/Kg | 10/22/25 16:48 | PB170206     |
| 67-72-1        | Hexachloroethane            | 1800  |      | 1  | 19.5 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 98-95-3        | Nitrobenzene                | 1800  |      | 1  | 20.3 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 78-59-1        | Isophorone                  | 1700  |      | 1  | 36.4 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 88-75-5        | 2-Nitrophenol               | 2000  |      | 1  | 64.6 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 105-67-9       | 2,4-Dimethylphenol          | 1900  |      | 1  | 71.9 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1700  |      | 1  | 34.2 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 120-83-2       | 2,4-Dichlorophenol          | 1800  |      | 1  | 31.4 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 91-20-3        | Naphthalene                 | 1800  |      | 1  | 25.2 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 106-47-8       | 4-Chloroaniline             | 780   |      | 1  | 39.3 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 87-68-3        | Hexachlorobutadiene         | 2000  |      | 1  | 28.1 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 105-60-2       | Caprolactam                 | 1600  |      | 1  | 57.8 | 300  | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1700  |      | 1  | 31.8 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 91-57-6        | 2-Methylnaphthalene         | 1600  |      | 1  | 28.4 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 77-47-4        | Hexachlorocyclopentadiene   | 2500  |      | 1  | 130  | 300  | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1800  |      | 1  | 22.0 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1800  |      | 1  | 32.3 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 92-52-4        | 1,1-Biphenyl                | 2000  |      | 1  | 24.2 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 91-58-7        | 2-Chloronaphthalene         | 1800  |      | 1  | 25.0 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 88-74-4        | 2-Nitroaniline              | 1800  |      | 1  | 53.4 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 131-11-3       | Dimethylphthalate           | 1800  |      | 1  | 30.1 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 208-96-8       | Acenaphthylene              | 2000  |      | 1  | 32.1 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 606-20-2       | 2,6-Dinitrotoluene          | 2100  |      | 1  | 37.3 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 99-09-2        | 3-Nitroaniline              | 1300  |      | 1  | 51.0 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 83-32-9        | Acenaphthene                | 1800  |      | 1  | 23.6 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 51-28-5        | 2,4-Dinitrophenol           | 2800  |      | 1  | 250  | 300  | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 100-02-7       | 4-Nitrophenol               | 3100  | E    | 1  | 120  | 300  | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 132-64-9       | Dibenzofuran                | 1800  |      | 1  | 25.2 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 121-14-2       | 2,4-Dinitrotoluene          | 2000  |      | 1  | 55.6 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 84-66-2        | Diethylphthalate            | 1800  |      | 1  | 31.4 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1800  |      | 1  | 29.6 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 86-73-7        | Fluorene                    | 1800  |      | 1  | 28.1 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 100-01-6       | 4-Nitroaniline              | 1700  |      | 1  | 71.2 | 140  | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 2000  |      | 1  | 110  | 300  | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: COMP-ROLLOFFMS  
Lab Sample ID: Q3399-01MS  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25  
Date Received: 10/20/25  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 89.9  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOD | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|-----|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 1900  |      | 1  | 36.5 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1900  |      | 1  | 30.8 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 118-74-1   | Hexachlorobenzene          | 2000  |      | 1  | 28.1 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 1912-24-9  | Atrazine                   | 2000  |      | 1  | 37.7 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 87-86-5    | Pentachlorophenol          | 3500  | E    | 1  | 56.9 | 300 | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 85-01-8    | Phenanthrene               | 1800  |      | 1  | 23.2 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 120-12-7   | Anthracene                 | 1900  |      | 1  | 36.9 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 86-74-8    | Carbazole                  | 1900  |      | 1  | 34.6 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 84-74-2    | Di-n-butylphthalate        | 1900  |      | 1  | 53.1 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 206-44-0   | Fluoranthene               | 2000  |      | 1  | 33.3 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 129-00-0   | Pyrene                     | 1400  |      | 1  | 39.9 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 85-68-7    | Butylbenzylphthalate       | 1700  |      | 1  | 79.2 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1600  |      | 1  | 40.7 | 300 | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 56-55-3    | Benzo(a)anthracene         | 1800  |      | 1  | 25.5 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 218-01-9   | Chrysene                   | 1900  |      | 1  | 22.1 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 2000  |      | 1  | 65.7 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 117-84-0   | Di-n-octyl phthalate       | 2200  |      | 1  | 96.3 | 300 | 370        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 205-99-2   | Benzo(b)fluoranthene       | 1900  |      | 1  | 21.1 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 207-08-9   | Benzo(k)fluoranthene       | 1800  |      | 1  | 24.9 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 50-32-8    | Benzo(a)pyrene             | 1900  |      | 1  | 32.7 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1500  |      | 1  | 32.3 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1600  |      | 1  | 30.4 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 191-24-2   | Benzo(g,h,i)perylene       | 1400  |      | 1  | 28.5 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 2100  |      | 1  | 28.4 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 123-91-1   | 1,4-Dioxane                | 1600  |      | 1  | 50.1 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1900  |      | 1  | 30.4 | 140 | 190        | ug/Kg | 10/22/25 16:48 | PB170206     |

### SURROGATES

|            |                      |      |   |  |          |     |          |
|------------|----------------------|------|---|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 90.7 |   |  | 35 - 115 | 60% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 85.1 |   |  | 34 - 127 | 57% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 66.5 |   |  | 37 - 122 | 66% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 64.8 |   |  | 44 - 115 | 65% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 104  |   |  | 39 - 132 | 69% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 50.5 | * |  | 54 - 127 | 51% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 57100  |
| 1146-65-2  | Naphthalene-d8         | 201000 |
| 15067-26-2 | Acenaphthene-d10       | 104000 |
| 1517-22-2  | Phenanthrene-d10       | 168000 |
| 1719-03-5  | Chrysene-d12           | 158000 |
| 1520-96-3  | Perylene-d12           | 199000 |





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

## Report of Analysis

|                    |                                            |                 |                  |
|--------------------|--------------------------------------------|-----------------|------------------|
| Client:            | ICE Service Group, Inc.                    | Date Collected: | 10/20/25         |
| Project:           | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received:  | 10/20/25         |
| Client Sample ID:  | COMP-ROLLOFFMS                             | SDG No.:        | Q3399            |
| Lab Sample ID:     | Q3399-01MS                                 | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                      | % Solid:        | 89.9             |
|                    | Level : LOW                                | Test:           | SVOC-TCL BNA -20 |
| Sample Wt/Vol:     | 30.08 g                                    |                 |                  |
|                    | Final Vol: 1000 uL                         |                 |                  |
| Prep Method :      | SW3510C                                    |                 |                  |
|                    | Prep Date: 10/22/25                        |                 |                  |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144045.D  
 Acq On : 22 Oct 2025 16:48  
 Operator : RC/JU  
 Sample : Q3399-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-ROLLOFFMS

Quant Time: Oct 22 17:07:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 57143    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 201418   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.922  | 164  | 104489   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 168446   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 157711   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.545 | 264  | 198777   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 326532   | 90.742  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 364985   | 85.094  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 220349   | 66.465  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 108244   | 104.008 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 427039   | 64.849  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 466140   | 50.515  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 71890    | 43.172  | ng    | 93       |
| 3) Pyridine                   | 3.446  | 79   | 196727   | 40.582  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.393  | 42   | 119259   | 46.767  | ng    | 93       |
| 6) Aniline                    | 6.545  | 93   | 198249   | 30.845  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 162475   | 46.191  | ng    | 96       |
| 9) Benzaldehyde               | 6.434  | 77   | 82729    | 25.003  | ng    | 97       |
| 10) Phenol                    | 6.522  | 94   | 222009   | 43.295  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 166623   | 42.064  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 204716   | 48.620  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 211934   | 51.028  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 196340   | 49.354  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 146326   | 45.532  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 327359   | 36.307  | ng    | 95       |
| 17) 2-Methylphenol            | 7.134  | 107  | 128416   | 44.175  | ng    | 98       |
| 18) Hexachloroethane          | 7.392  | 117  | 66658    | 48.125  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 119120   | 40.573  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 147081   | 43.655  | ng    | # 75     |
| 22) Acetophenone              | 7.286  | 105  | 228530   | 53.660  | ng    | 95       |
| 24) Nitrobenzene              | 7.463  | 77   | 180195   | 48.944  | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 314598   | 45.004  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 86948    | 55.085  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 145756   | 51.334  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 197585   | 44.746  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 147567   | 49.894  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 154993   | 53.285  | ng    | 99       |
| 31) Naphthalene               | 8.186  | 128  | 446863   | 48.772  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 85718    | 43.621  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 72133    | 20.991  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 109564   | 54.205  | ng    | 97       |
| 35) Caprolactam               | 8.592  | 113  | 40795    | 43.381  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 129035   | 45.419  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 264741   | 43.377  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 265211   | 44.799  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 167040   | 57.841  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 79498    | 66.354  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 103102   | 48.861  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144045.D  
 Acq On : 22 Oct 2025 16:48  
 Operator : RC/JU  
 Sample : Q3399-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-ROLLOFFMS

Quant Time: Oct 22 17:07:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

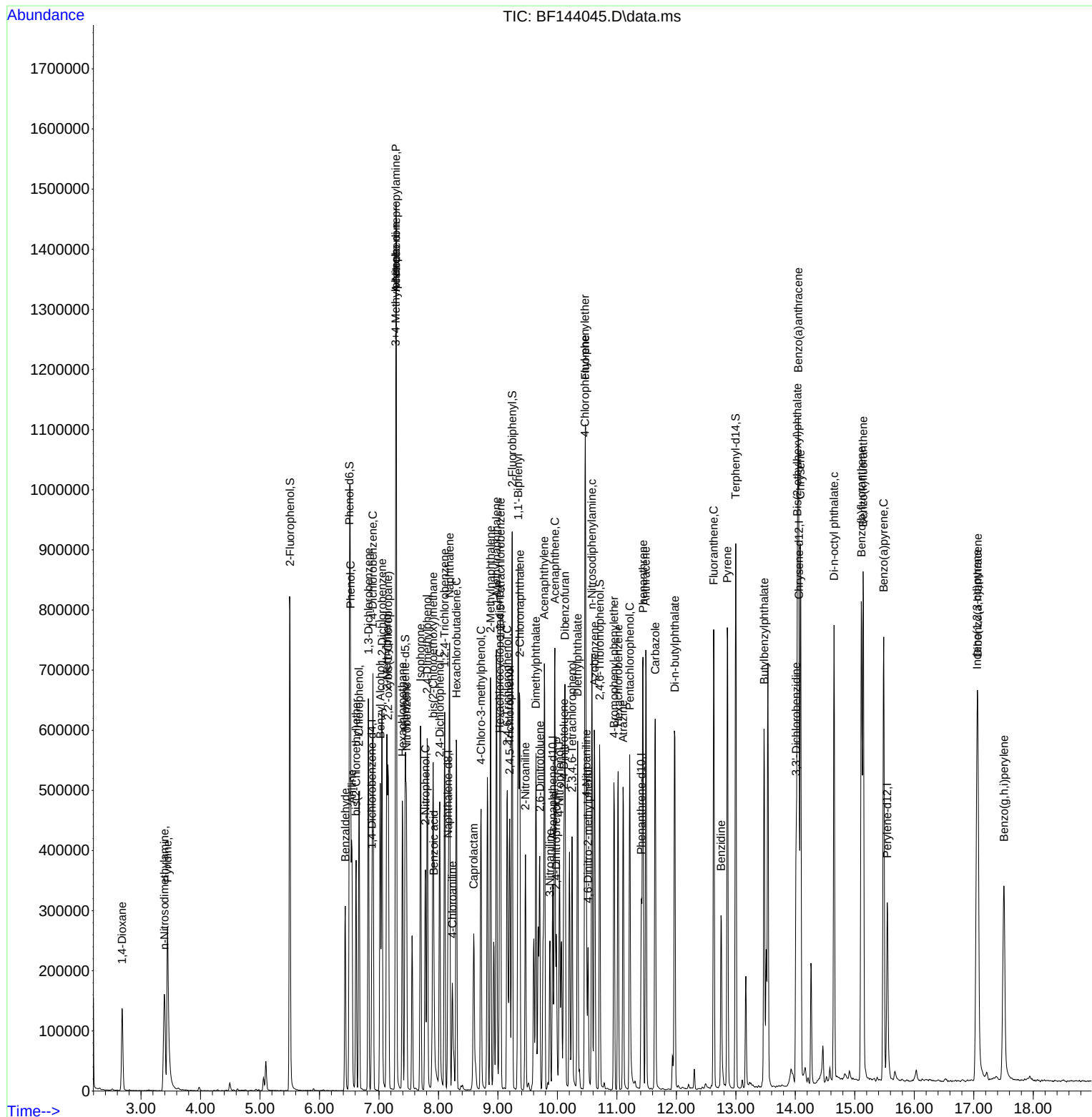
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 110597   | 49.598 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 379219   | 54.816 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 285360   | 49.473 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 88111    | 48.317 | ng    | 93       |
| 49) Acenaphthylene            | 9.780  | 152  | 438583   | 54.086 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 323677   | 48.780 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 70161    | 57.022 | ng    | 97       |
| 52) Acenaphthene              | 9.957  | 154  | 264864   | 49.847 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 53252    | 35.346 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 58234    | 77.012 | ng    | 94       |
| 55) Dibenzofuran              | 10.127 | 168  | 358411   | 47.784 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 94611    | 82.938 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 91107    | 54.420 | ng    | 98       |
| 58) Fluorene                  | 10.469 | 166  | 276481   | 48.851 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 80285    | 50.862 | ng    | # 98     |
| 60) Diethylphthalate          | 10.339 | 149  | 297519   | 48.264 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 149003   | 49.796 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 67812    | 46.806 | ng    | 96       |
| 63) Azobenzene                | 10.622 | 77   | 302817   | 47.002 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 46280    | 54.673 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 267366   | 50.551 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 95053    | 51.060 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 115537   | 53.609 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 86175    | 53.756 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 115720   | 93.490 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 406843   | 49.820 | ng    | 100      |
| 72) Anthracene                | 11.486 | 178  | 424337   | 51.435 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 374959   | 51.318 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 439215   | 51.866 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 466245   | 55.274 | ng    | 98       |
| 77) Benzidine                 | 12.751 | 184  | 191999   | 35.061 | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 486134   | 36.974 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 194190   | 45.477 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 500895   | 48.533 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 138851   | 44.147 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 481599   | 50.418 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 278912   | 54.185 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 511613   | 60.515 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 499925   | 41.045 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.109 | 252  | 574593   | 50.322 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 502266   | 47.538 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 521045   | 52.626 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 415588   | 42.425 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 374153   | 38.195 | ng    | 96       |

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

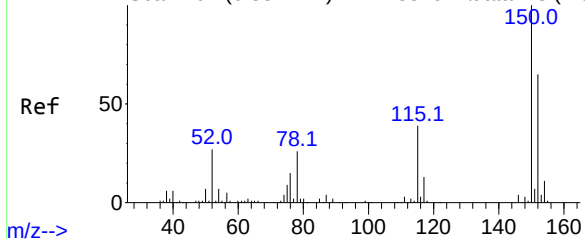
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
Data File : BF144045.D  
Acq On : 22 Oct 2025 16:48  
Operator : RC/JU  
Sample : Q3399-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

Quant Time: Oct 22 17:07:56 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.005 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

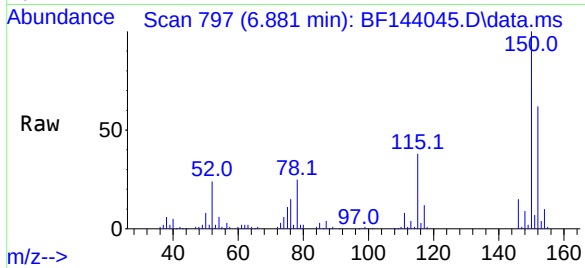
Tgt Ion:152 Resp: 57143

Ion Ratio Lower Upper

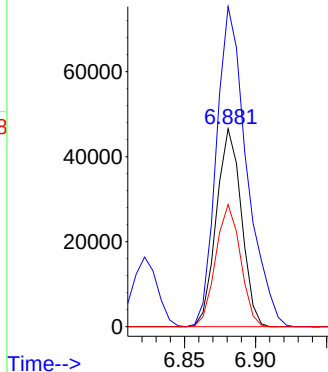
152 100

150 161.7 124.4 186.6

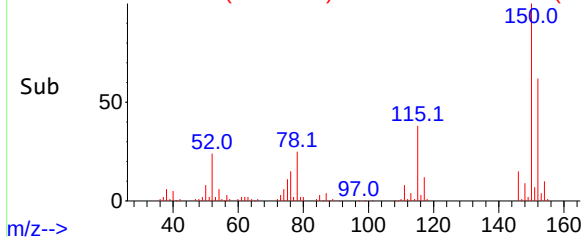
115 61.7 48.1 72.1



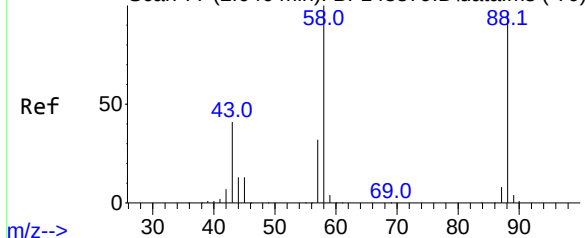
Abundance



Abundance Scan 797 (6.881 min): BF144045.D\data.ms (-78)



Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)



#2

1,4-Dioxane

Concen: 43.172 ng

RT: 2.681 min Scan# 83

Delta R.T. 0.035 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

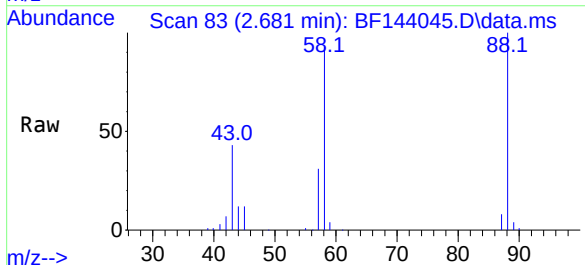
Tgt Ion: 88 Resp: 71890

Ion Ratio Lower Upper

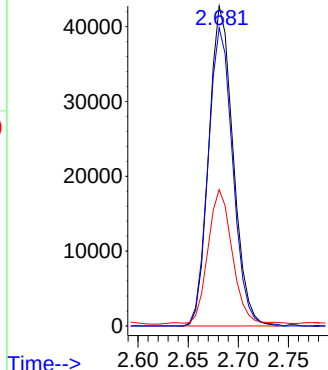
88 100

58 94.4 83.0 124.6

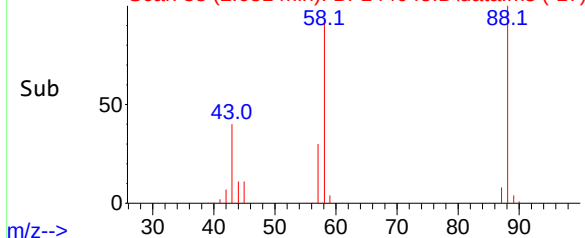
43 42.5 33.9 50.9



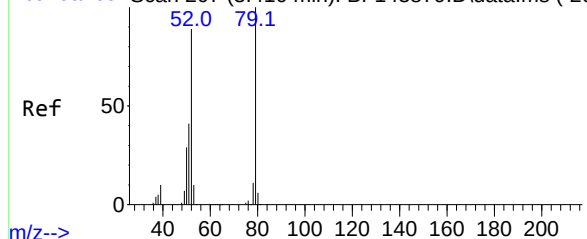
Abundance



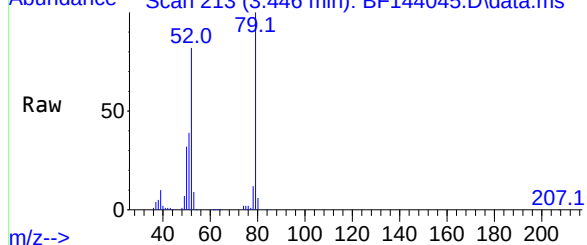
Abundance Scan 83 (2.681 min): BF144045.D\data.ms (-17)



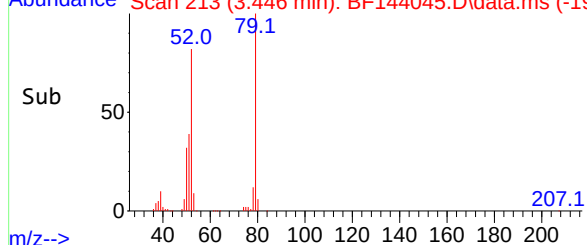
Abundance Scan 207 (3.410 min): BF143879.D\data.ms (-20



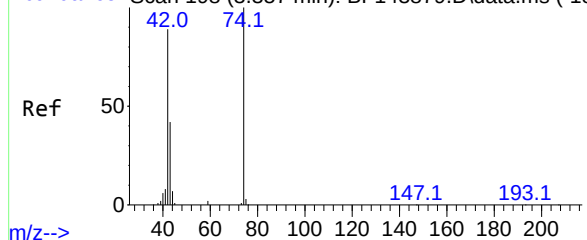
m/z--&gt; Abundance Scan 213 (3.446 min): BF144045.D\data.ms



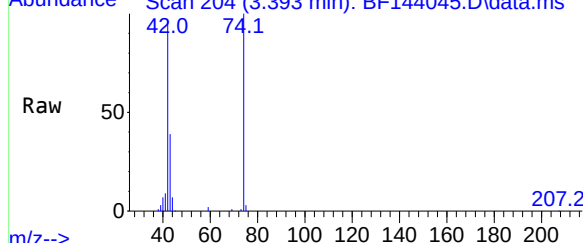
m/z--&gt; Abundance Scan 213 (3.446 min): BF144045.D\data.ms (-19



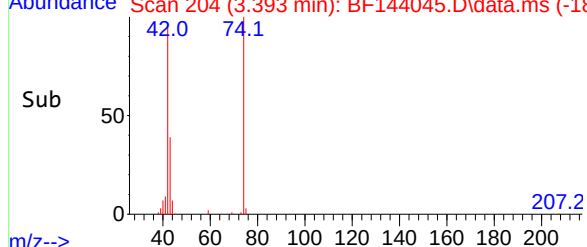
Abundance Scan 198 (3.357 min): BF143879.D\data.ms (-18



m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms



m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18



m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18



m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

m/z--&gt; Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18

#3

Pyridine

Concen: 40.582 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.029 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 79 Resp: 196727

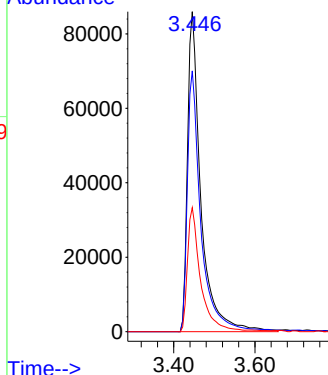
Ion Ratio Lower Upper

79 100

52 81.5 71.5 107.3

51 38.8 32.9 49.3

Abundance



Time--&gt;

#4

n-Nitrosodimethylamine

Concen: 46.767 ng

RT: 3.393 min Scan# 204

Delta R.T. 0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 42 Resp: 119259

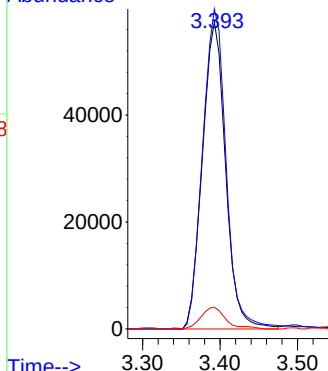
Ion Ratio Lower Upper

42 100

74 104.3 90.0 135.0

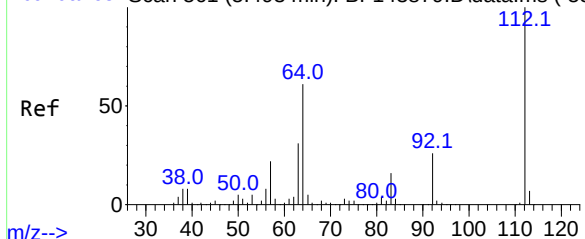
44 7.0 6.2 9.2

Abundance



Time--&gt;

Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



#5

2-Fluorophenol

Concen: 90.742 ng

RT: 5.504 min Scan# 5

Delta R.T. 0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:112 Resp: 326532

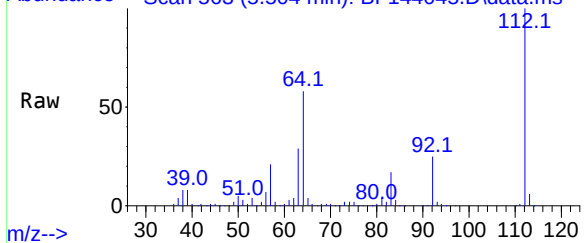
Ion Ratio Lower Upper

112 100

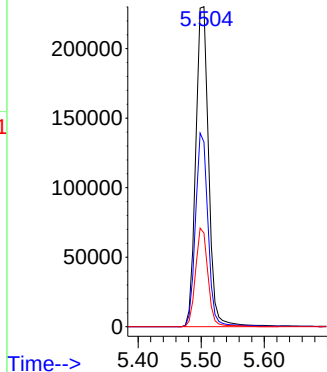
64 57.7 49.1 73.7

63 29.2 24.5 36.7

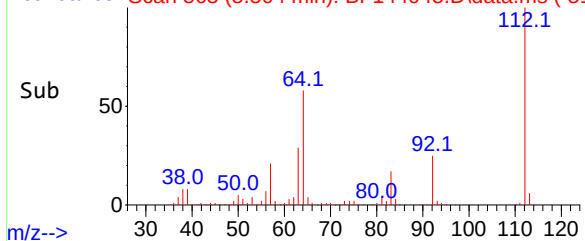
Abundance Scan 563 (5.504 min): BF144045.D\data.ms



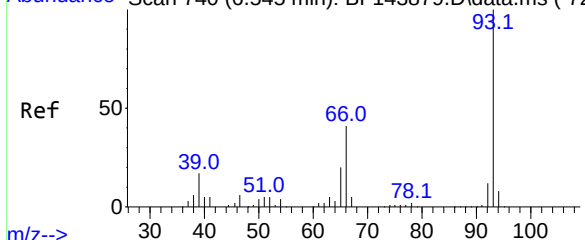
Abundance



Abundance Scan 563 (5.504 min): BF144045.D\data.ms (-51



Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



#6

Aniline

Concen: 30.845 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 93 Resp: 198249

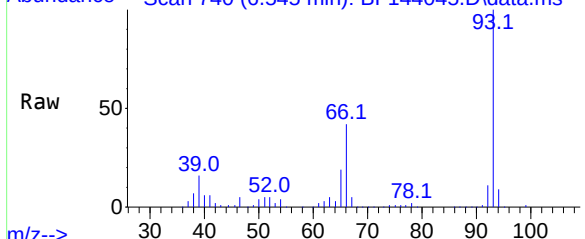
Ion Ratio Lower Upper

93 100

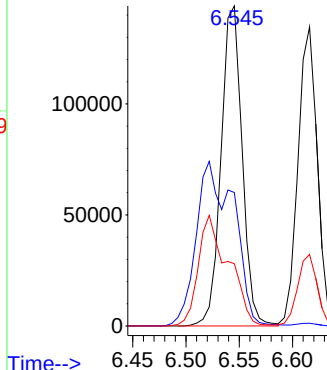
66 41.7 33.0 49.6

65 19.4 15.8 23.8

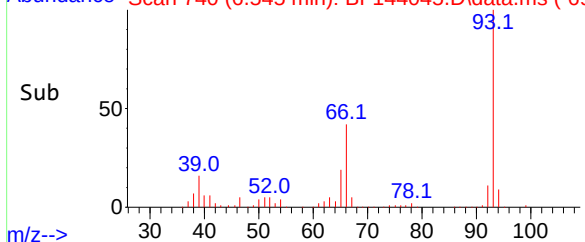
Abundance Scan 740 (6.545 min): BF144045.D\data.ms



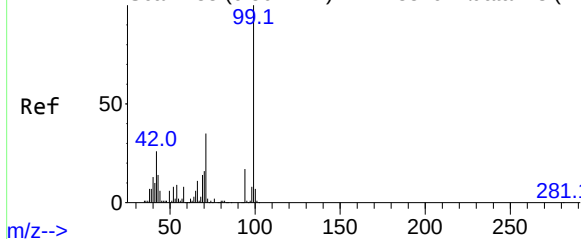
Abundance



Abundance Scan 740 (6.545 min): BF144045.D\data.ms (-69



Abundance Scan 733 (6.504 min): BF143879.D\data.ms (-72



#7

Phenol-d6

Concen: 85.094 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 99 Resp: 364985

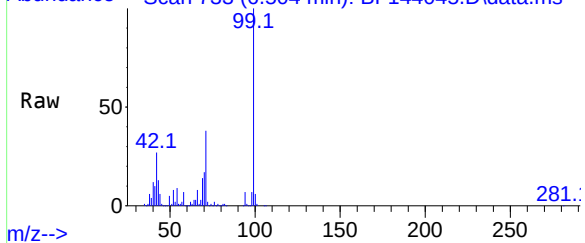
Ion Ratio Lower Upper

99 100

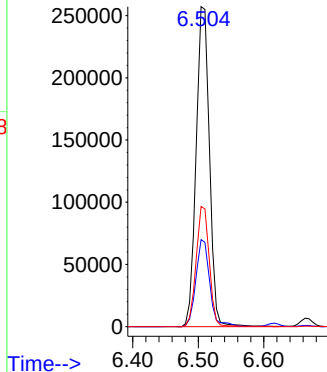
42 27.2 21.0 31.4

71 37.5 27.8 41.8

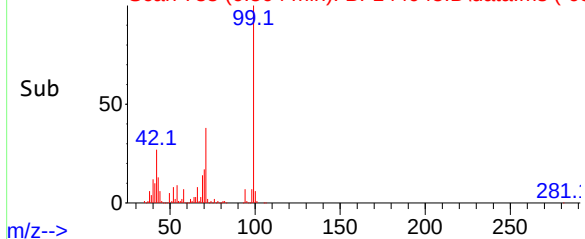
Abundance Scan 733 (6.504 min): BF144045.D\data.ms



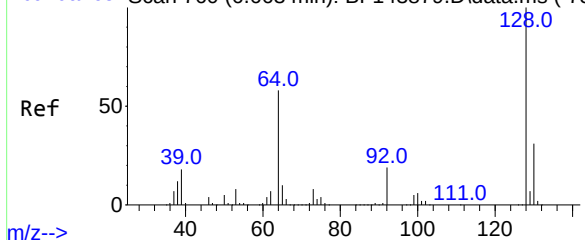
Abundance



Abundance Scan 733 (6.504 min): BF144045.D\data.ms (-68



Abundance Scan 760 (6.663 min): BF143879.D\data.ms (-75



#8

2-Chlorophenol

Concen: 46.191 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 128 Resp: 162475

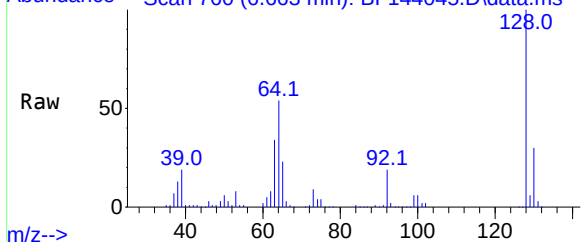
Ion Ratio Lower Upper

128 100

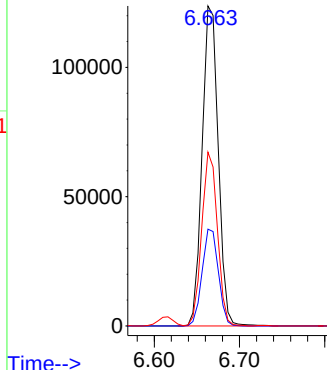
130 30.2 10.7 50.7

64 54.3 39.0 79.0

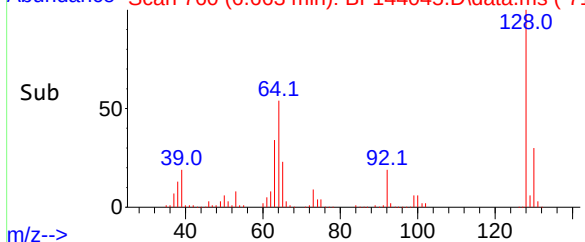
Abundance Scan 760 (6.663 min): BF144045.D\data.ms



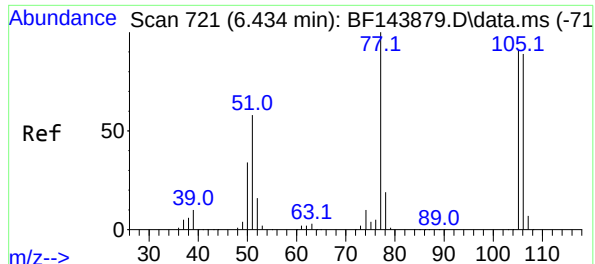
Abundance



Abundance Scan 760 (6.663 min): BF144045.D\data.ms (-71



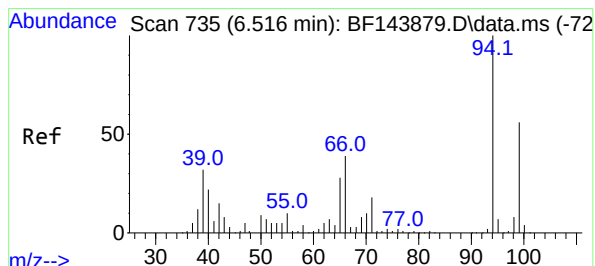
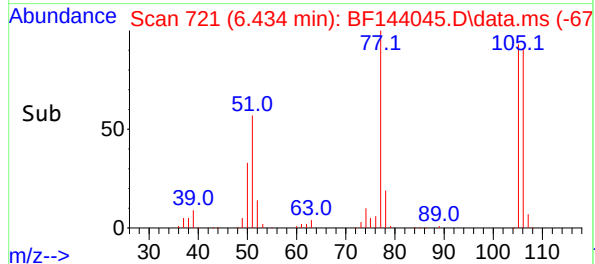
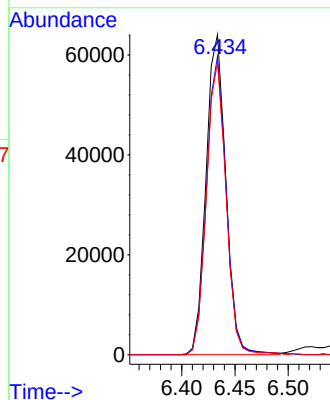
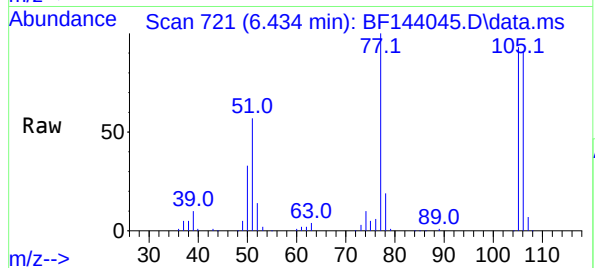




#9  
Benzaldehyde  
Concen: 25.003 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

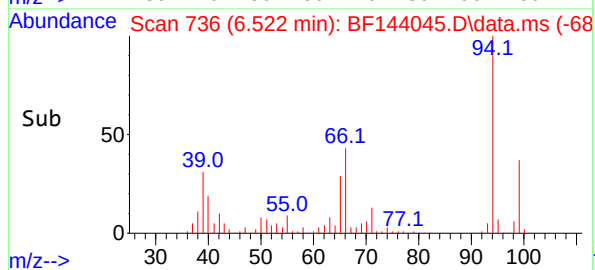
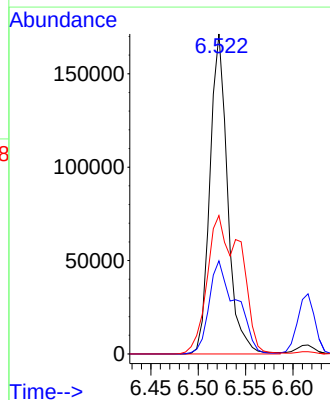
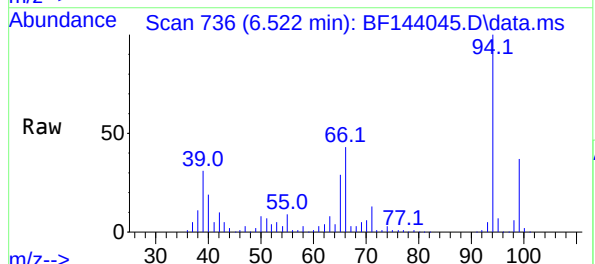
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

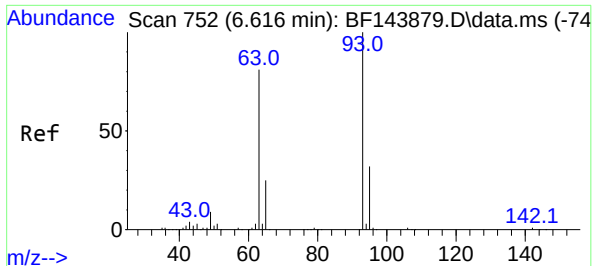
Tgt Ion: 77 Resp: 82729  
Ion Ratio Lower Upper  
77 100  
105 93.2 70.9 110.9  
106 91.5 68.9 108.9



#10  
Phenol  
Concen: 43.295 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion: 94 Resp: 222009  
Ion Ratio Lower Upper  
94 100  
65 29.1 8.5 48.5  
66 43.3 19.9 59.9

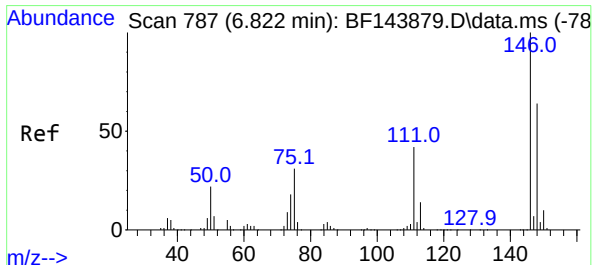
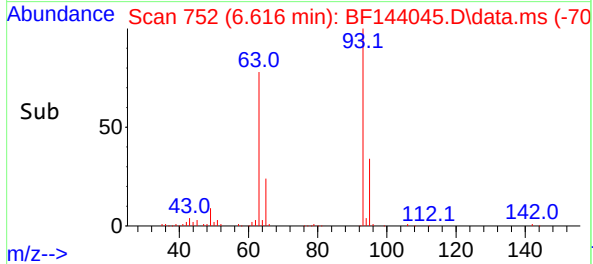
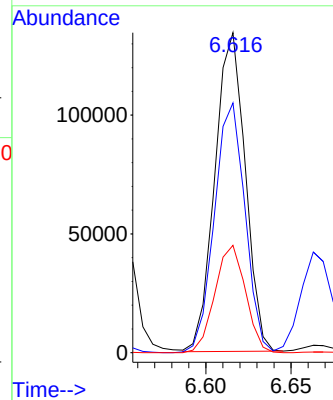
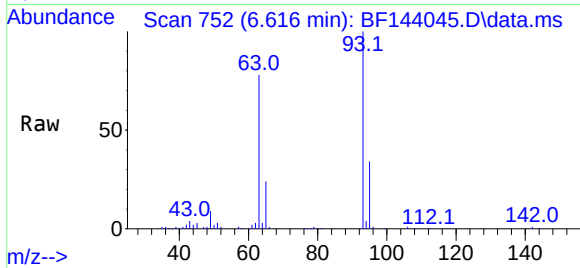




#11  
bis(2-Chloroethyl)ether  
Concen: 42.064 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

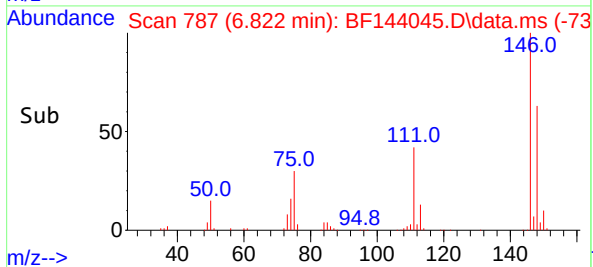
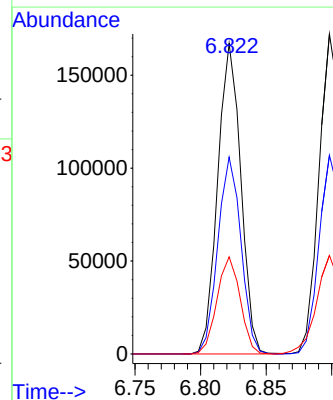
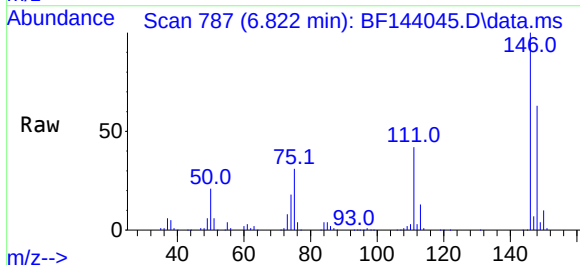
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

Tgt Ion: 93 Resp: 166623  
Ion Ratio Lower Upper  
93 100  
63 78.1 60.9 100.9  
95 33.5 11.5 51.5

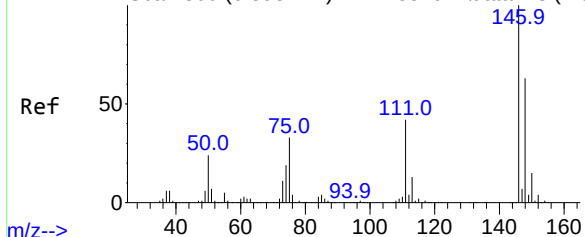


#12  
1,3-Dichlorobenzene  
Concen: 48.620 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion: 146 Resp: 204716  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.0 76.4  
75 31.3 24.9 37.3

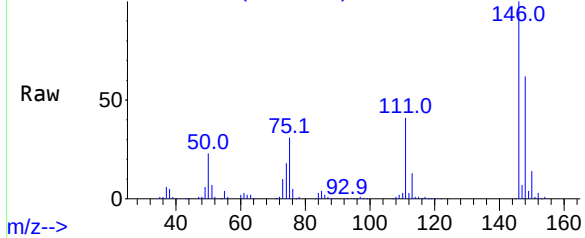


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



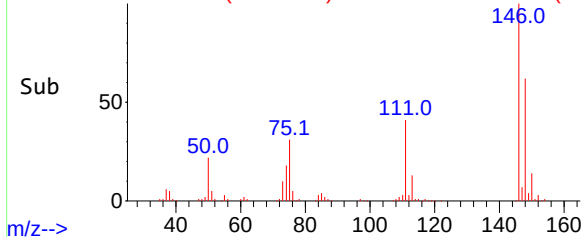
m/z--&gt;

Abundance Scan 800 (6.898 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 800 (6.898 min): BF144045.D\data.ms (-75



m/z--&gt;

#13

1,4-Dichlorobenzene

Concen: 51.028 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:146 Resp: 211934

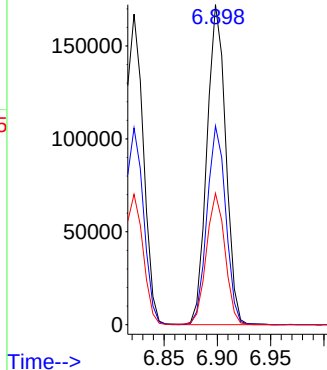
Ion Ratio Lower Upper

146 100

148 62.1 50.5 75.7

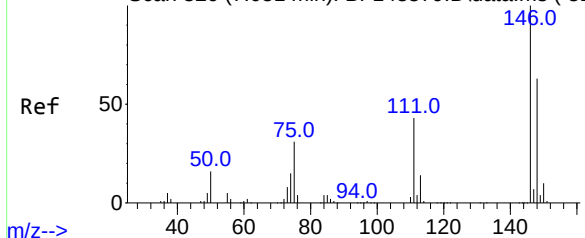
111 41.0 33.4 50.0

Abundance



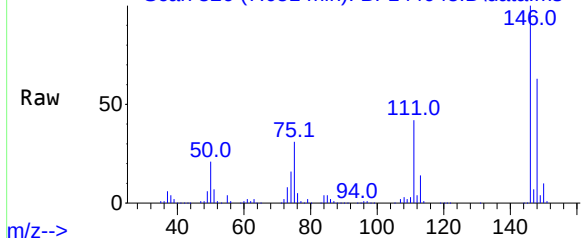
Time--&gt;

Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



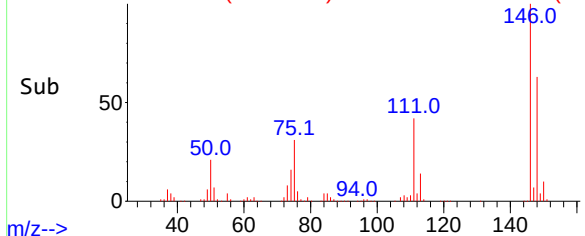
m/z--&gt;

Abundance Scan 826 (7.051 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 826 (7.051 min): BF144045.D\data.ms (-77



m/z--&gt;

#14

1,2-Dichlorobenzene

Concen: 49.354 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:146 Resp: 196340

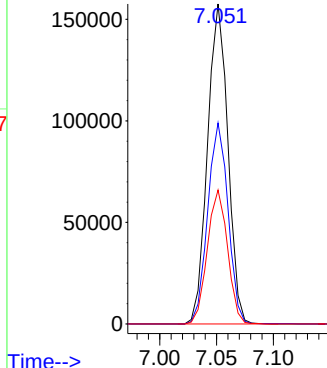
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

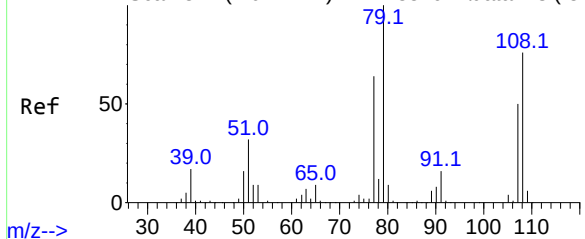
111 41.9 34.6 51.8

Abundance



Time--&gt;

Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



#15

Benzyl Alcohol

Concen: 45.532 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 79 Resp: 146326

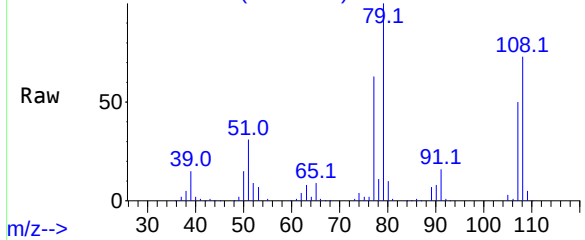
Ion Ratio Lower Upper

79 100

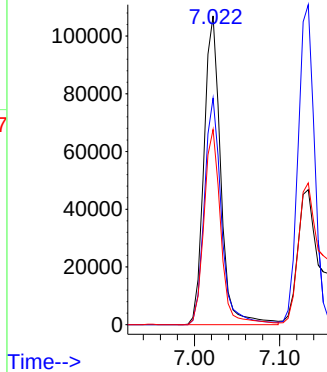
108 73.4 60.8 91.2

77 63.2 51.0 76.6

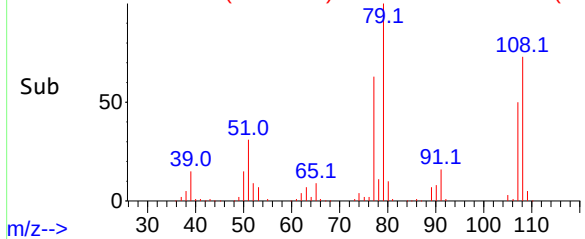
Abundance Scan 821 (7.022 min): BF144045.D\data.ms



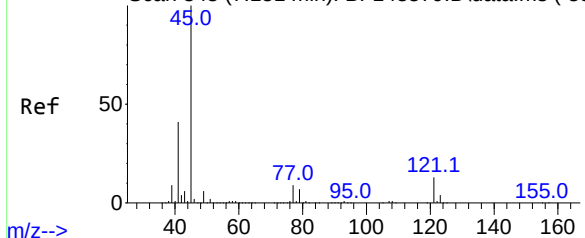
Abundance



Abundance Scan 821 (7.022 min): BF144045.D\data.ms (-77



Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.307 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 45 Resp: 327359

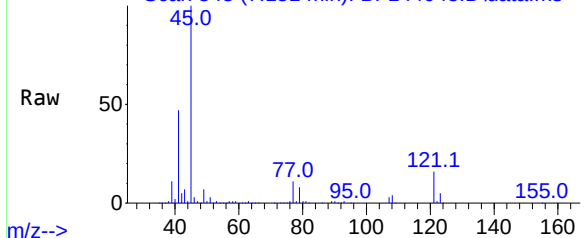
Ion Ratio Lower Upper

45 100

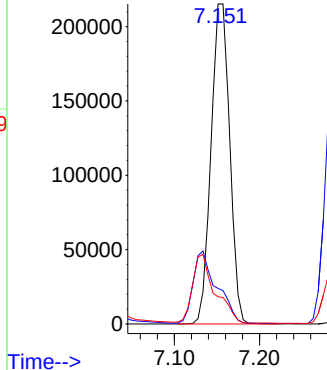
77 11.1 0.0 29.0

79 8.5 0.0 26.8

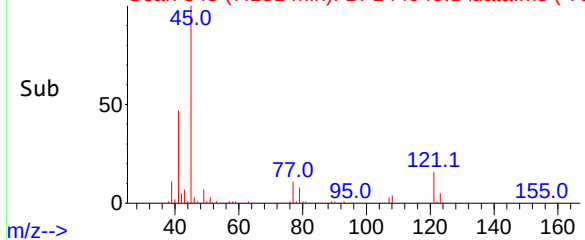
Abundance Scan 843 (7.151 min): BF144045.D\data.ms



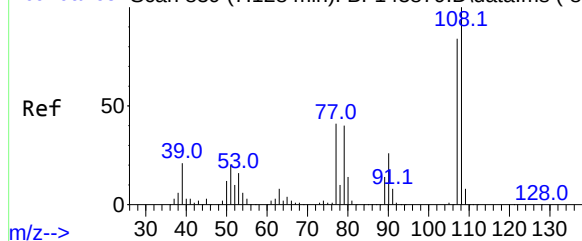
Abundance



Abundance Scan 843 (7.151 min): BF144045.D\data.ms (-79



Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83



#17

2-Methylphenol

Concen: 44.175 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

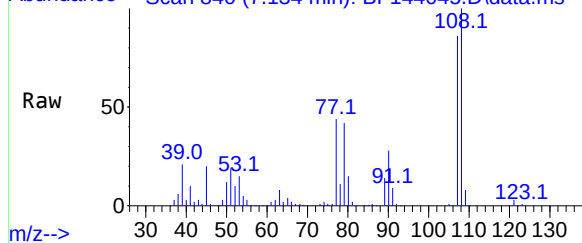
Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Abundance Scan 840 (7.134 min): BF144045.D\data.ms



Tgt Ion:107 Resp: 128416

Ion Ratio Lower Upper

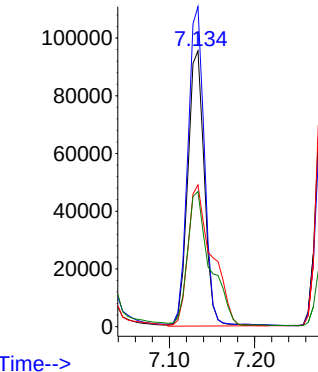
107 100

108 116.0 94.7 142.1

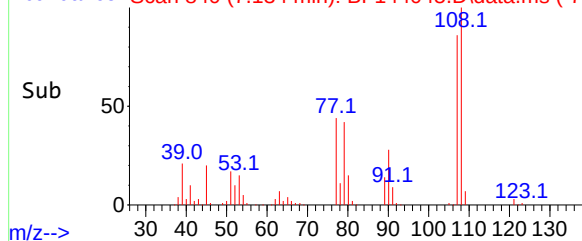
77 51.4 38.8 58.2

79 49.0 38.3 57.5

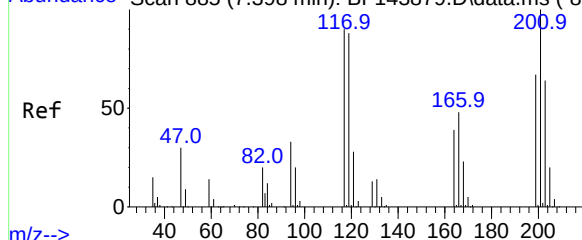
Abundance



Abundance Scan 840 (7.134 min): BF144045.D\data.ms (-78



Abundance Scan 885 (7.398 min): BF143879.D\data.ms (-87



#18

Hexachloroethane

Concen: 48.125 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:117 Resp: 66658

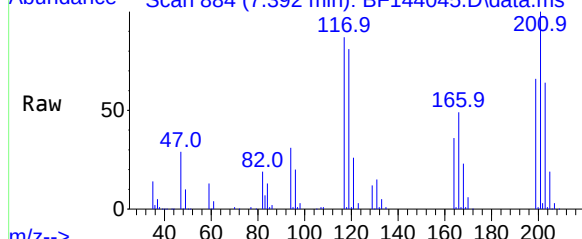
Ion Ratio Lower Upper

117 100

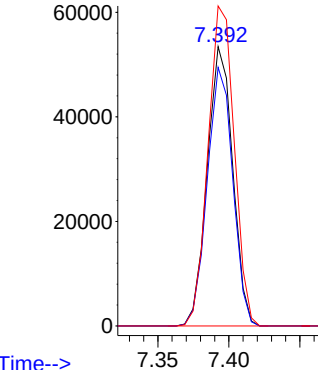
119 92.6 77.8 116.8

201 114.6 88.5 132.7

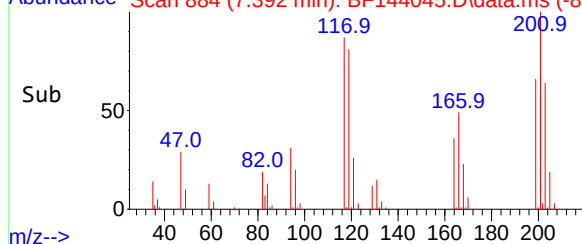
Abundance Scan 884 (7.392 min): BF144045.D\data.ms

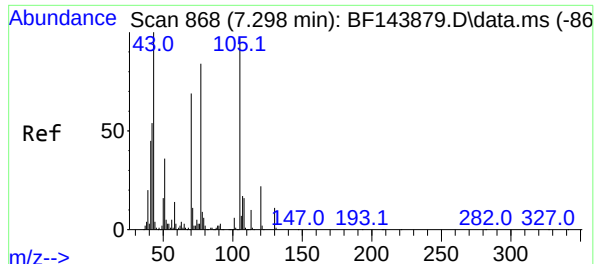


Abundance



Abundance Scan 884 (7.392 min): BF144045.D\data.ms (-83





#19

n-Nitroso-di-n-propylamine

Concen: 40.573 ng

RT: 7.286 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 70 Resp: 119120

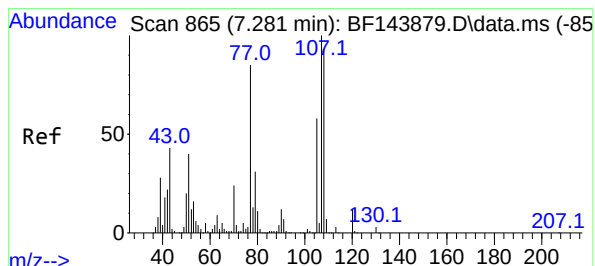
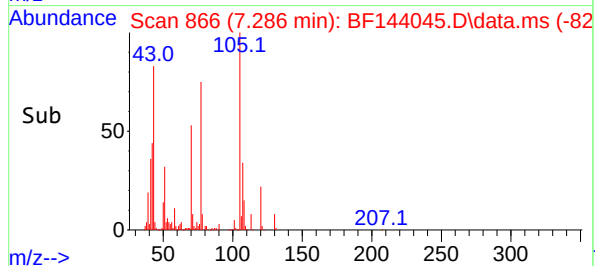
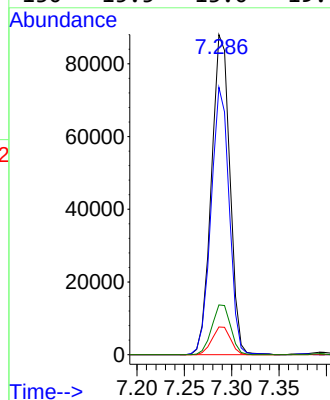
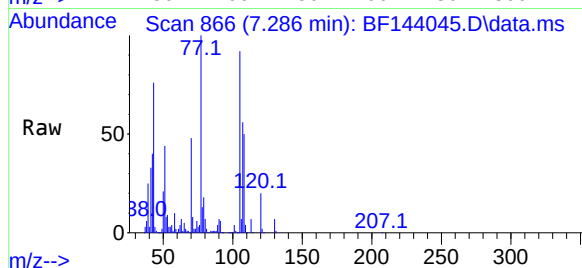
Ion Ratio Lower Upper

70 100

42 83.5 62.8 94.2

101 8.6 6.7 10.1

130 15.5 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.655 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:107 Resp: 147081

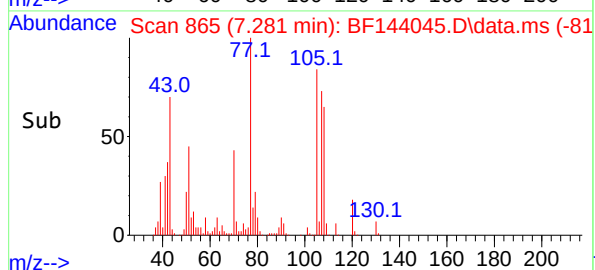
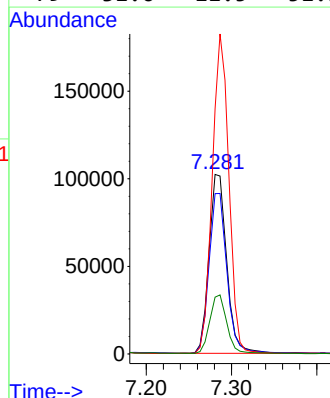
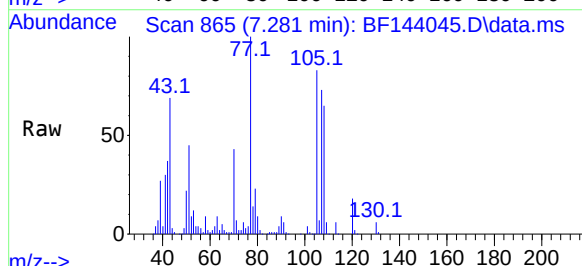
Ion Ratio Lower Upper

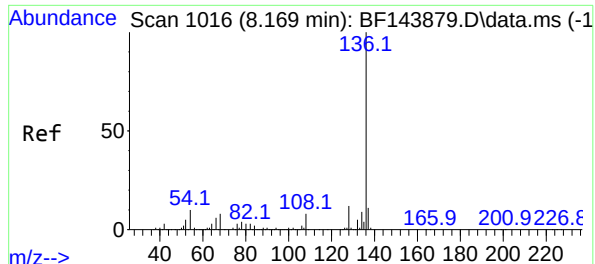
107 100

108 89.3 73.0 113.0

77 136.5 64.6 104.6#

79 31.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:136 Resp: 201418

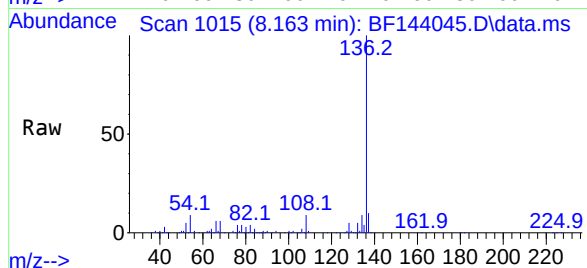
Ion Ratio Lower Upper

136 100

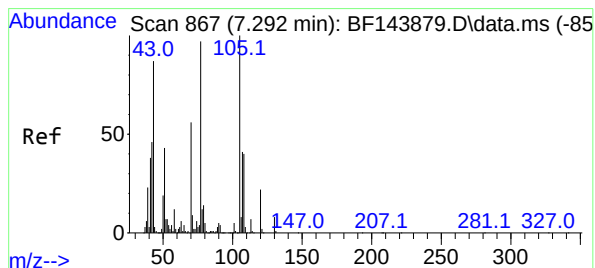
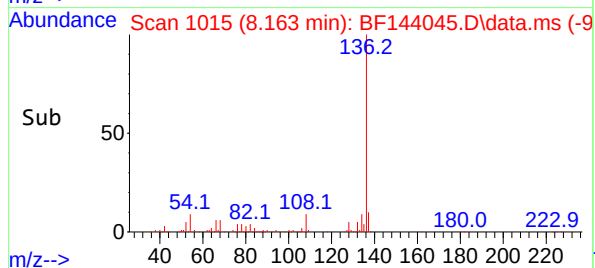
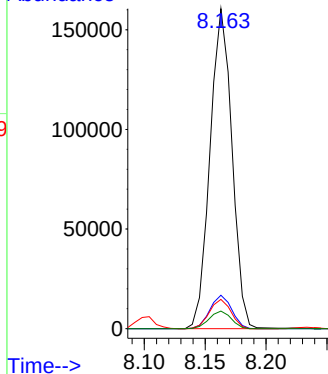
137 10.4 8.5 12.7

54 9.2 8.2 12.4

68 5.5 6.2 9.4#



Abundance



#22

Acetophenone

Concen: 53.660 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:105 Resp: 228530

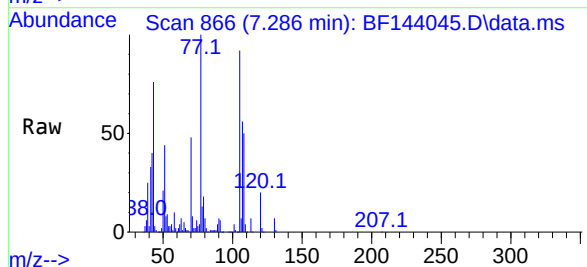
Ion Ratio Lower Upper

105 100

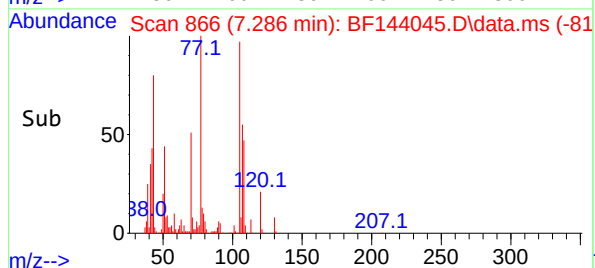
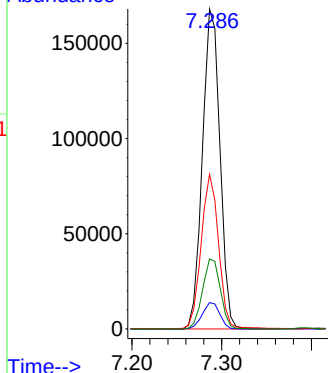
71 8.3 7.4 11.0

51 48.3 34.2 51.4

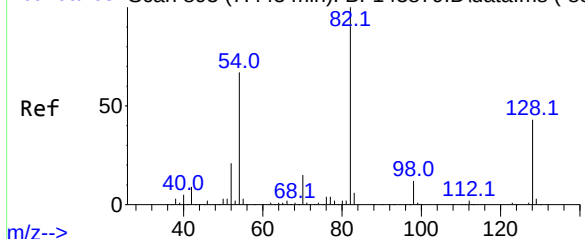
120 21.9 17.7 26.5



Abundance



Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 66.465 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 82 Resp: 220349

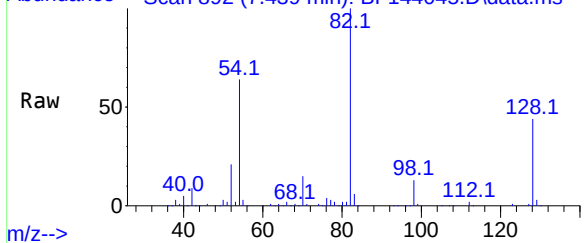
Ion Ratio Lower Upper

82 100

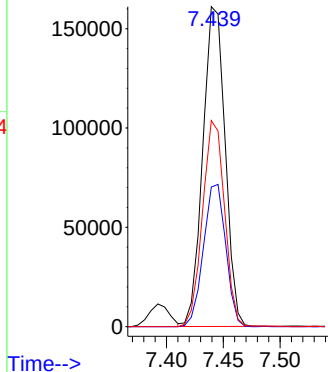
128 43.7 34.0 51.0

54 64.4 53.2 79.8

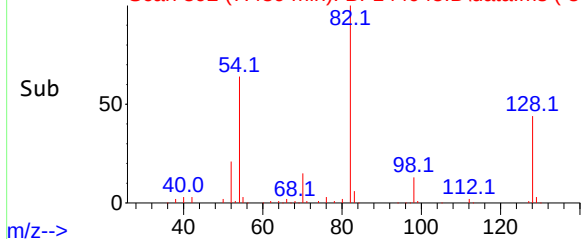
Abundance Scan 892 (7.439 min): BF144045.D\data.ms



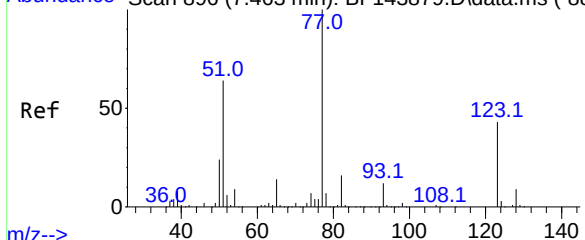
Abundance



Abundance Scan 892 (7.439 min): BF144045.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



#24

Nitrobenzene

Concen: 48.944 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 77 Resp: 180195

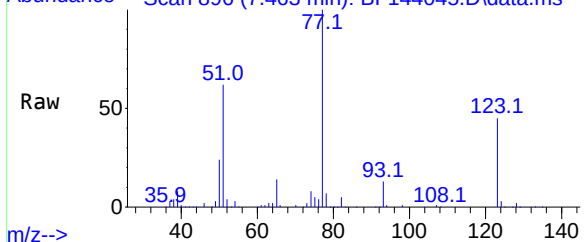
Ion Ratio Lower Upper

77 100

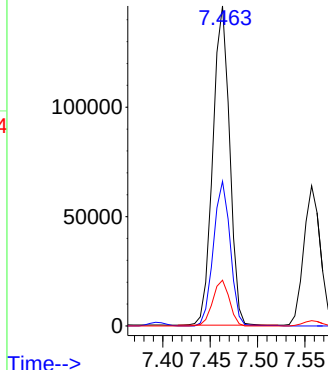
123 45.2 34.2 51.4

65 14.3 11.0 16.6

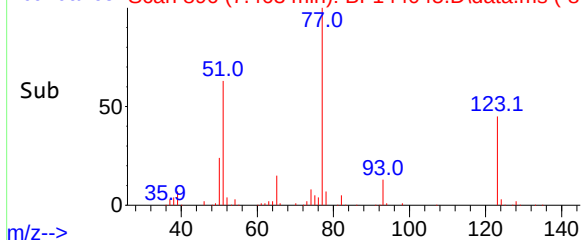
Abundance Scan 896 (7.463 min): BF144045.D\data.ms



Abundance

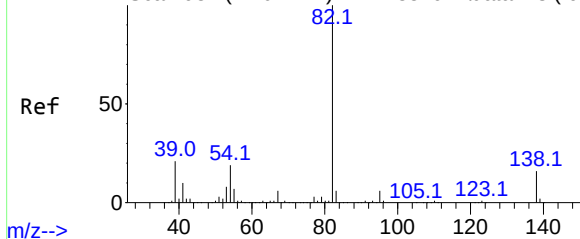


Abundance Scan 896 (7.463 min): BF144045.D\data.ms (-84





Abundance Scan 937 (7.704 min): BF143879.D\data.ms (-93)



#25

Isophorone

Concen: 45.004 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.024 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

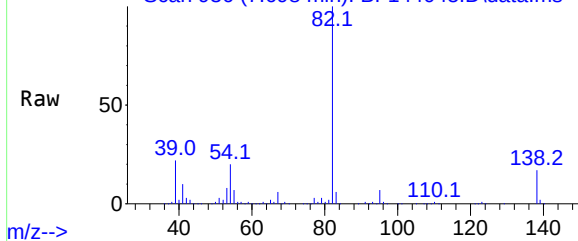
BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

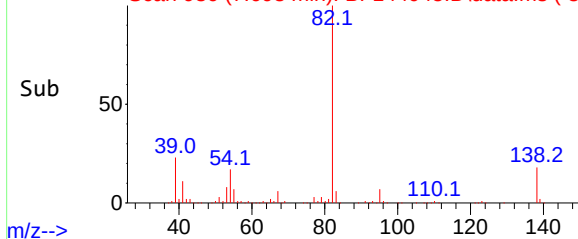
m/z--&gt;

Abundance Scan 936 (7.698 min): BF144045.D\data.ms

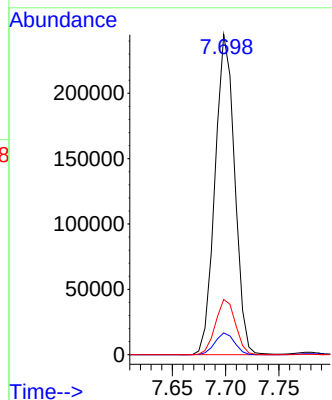


m/z--&gt;

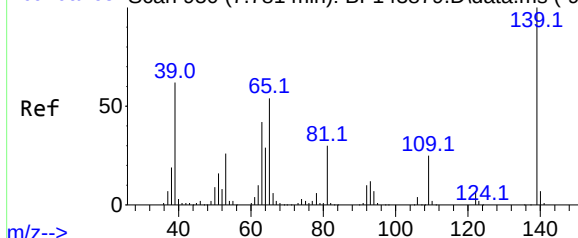
Abundance Scan 936 (7.698 min): BF144045.D\data.ms (-88)



m/z--&gt;

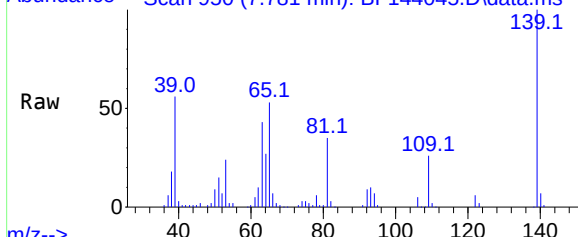


Abundance Scan 950 (7.781 min): BF143879.D\data.ms (-94)



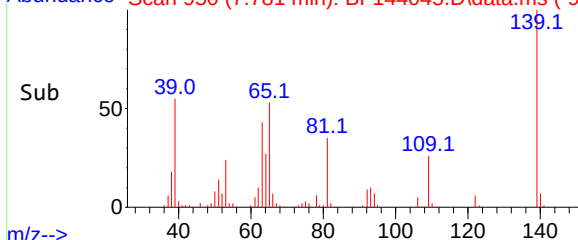
m/z--&gt;

Abundance Scan 950 (7.781 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 950 (7.781 min): BF144045.D\data.ms (-90)



m/z--&gt;

#26

2-Nitrophenol

Concen: 55.085 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

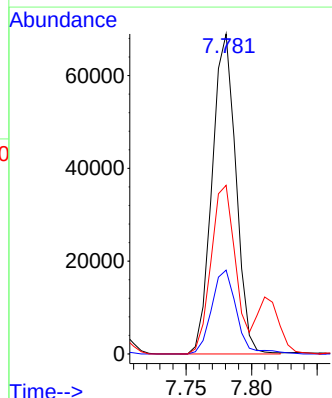
Tgt Ion:139 Resp: 86948

Ion Ratio Lower Upper

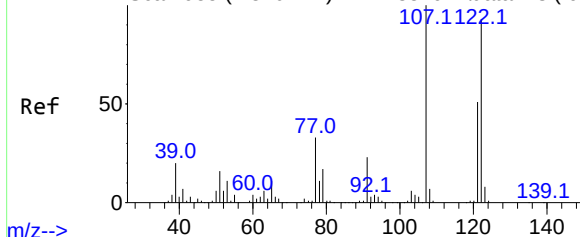
139 100

109 26.2 19.8 29.6

65 52.7 42.9 64.3

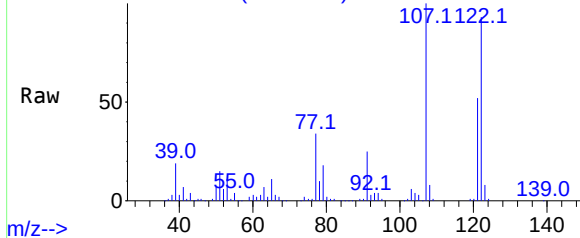


Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94



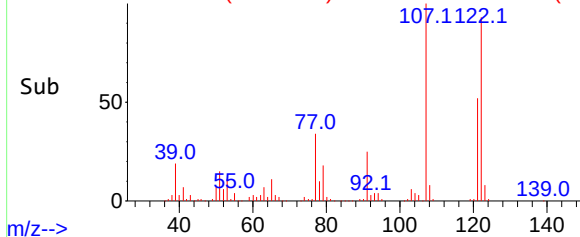
m/z--&gt;

Abundance Scan 955 (7.810 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 955 (7.810 min): BF144045.D\data.ms (-90



m/z--&gt;

#27

2,4-Dimethylphenol

Concen: 51.334 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:122 Resp: 145756

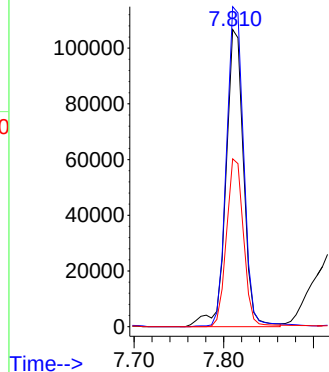
Ion Ratio Lower Upper

122 100

107 107.7 86.1 129.1

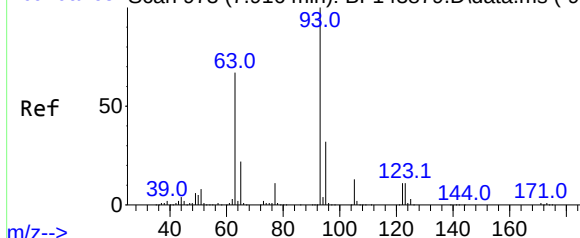
121 56.5 43.8 65.6

Abundance



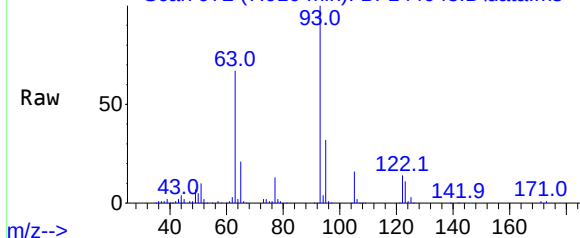
Time--&gt;

Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96



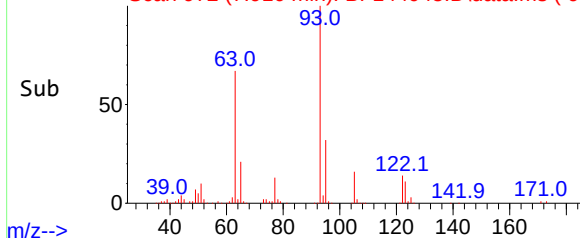
m/z--&gt;

Abundance Scan 972 (7.910 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 972 (7.910 min): BF144045.D\data.ms (-92



m/z--&gt;

#28

bis(2-Chloroethoxy)methane

Concen: 44.746 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 93 Resp: 197585

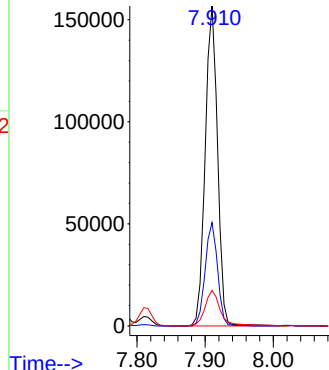
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

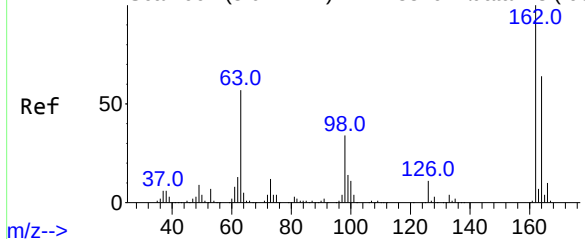
123 11.1 9.4 14.0

Abundance



Time--&gt;

Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 49.894 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

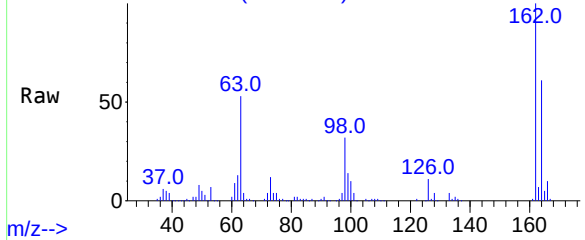
BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

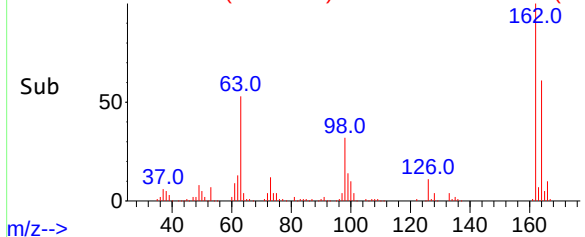
m/z--&gt;

Abundance Scan 991 (8.022 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 991 (8.022 min): BF144045.D\data.ms (-94



m/z--&gt;

Tgt Ion:162 Resp: 147567

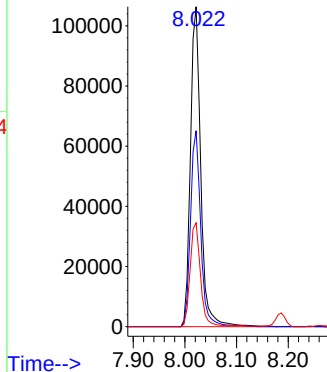
Ion Ratio Lower Upper

162 100

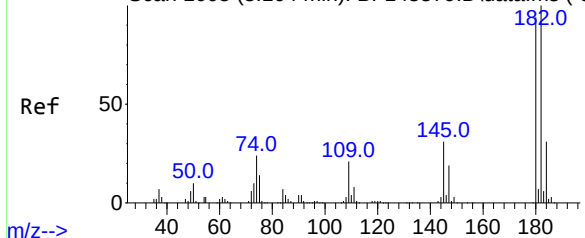
164 61.2 43.9 83.9

98 32.5 14.4 54.4

Abundance

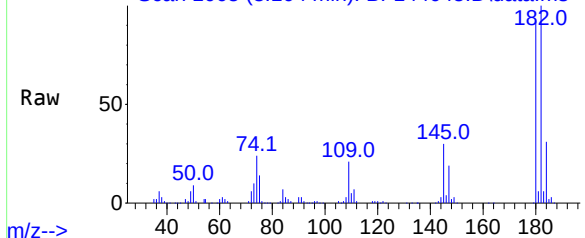


Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



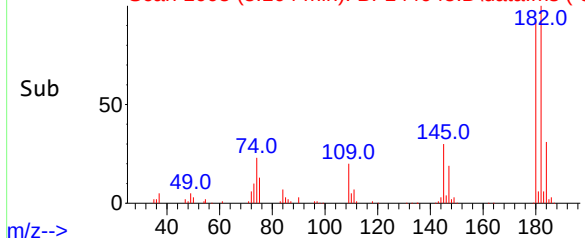
m/z--&gt;

Abundance Scan 1005 (8.104 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 1005 (8.104 min): BF144045.D\data.ms (-9



m/z--&gt;

#30

1,2,4-Trichlorobenzene

Concen: 53.285 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:180 Resp: 154993

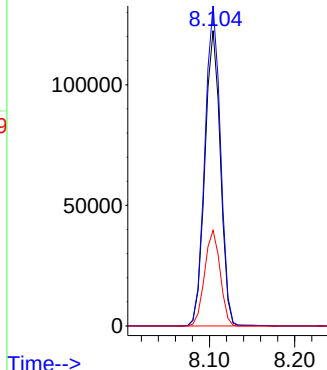
Ion Ratio Lower Upper

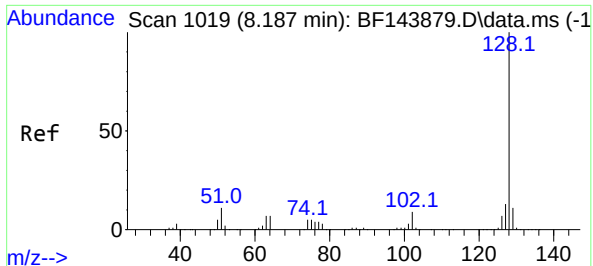
180 100

182 108.3 85.4 128.0

145 32.4 26.3 39.5

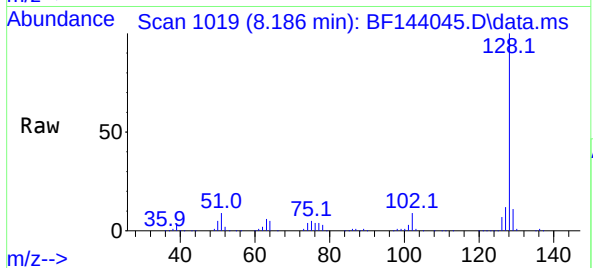
Abundance



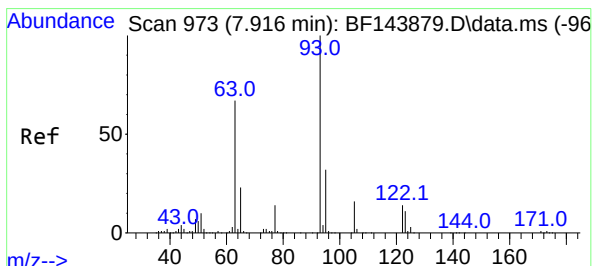
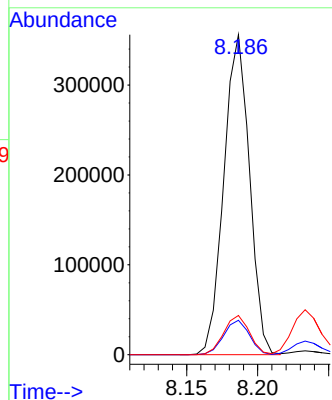
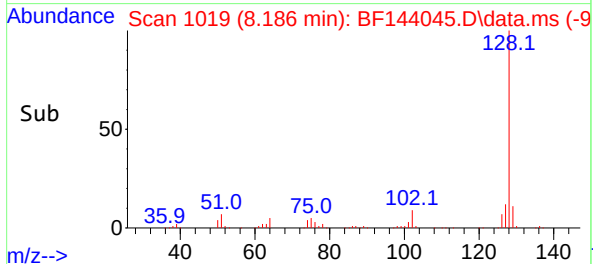


#31  
Naphthalene  
Concen: 48.772 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

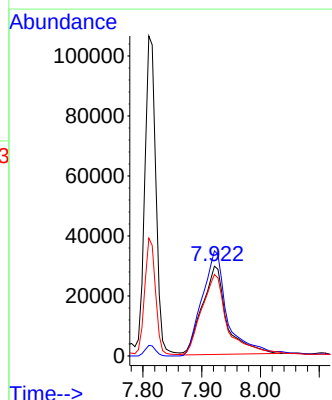
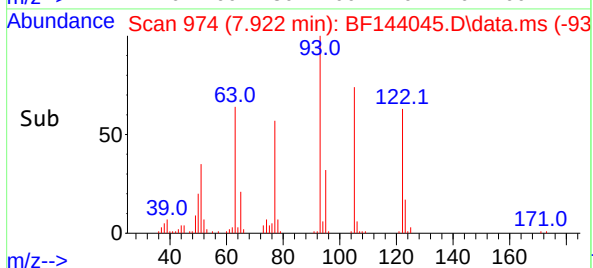
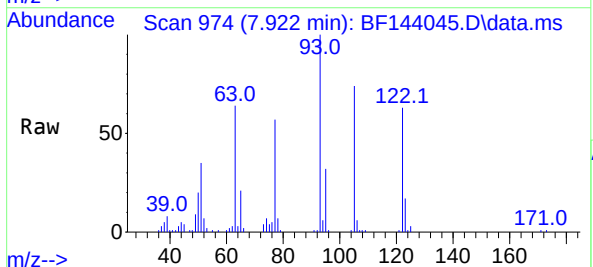


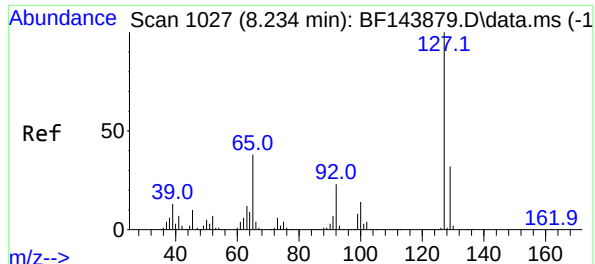
Tgt Ion:128 Resp: 446863  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 12.2 10.0 15.0



#32  
Benzoic acid  
Concen: 43.621 ng  
RT: 7.922 min Scan# 974  
Delta R.T. -0.041 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:122 Resp: 85718  
Ion Ratio Lower Upper  
122 100  
105 117.1 93.5 133.5  
77 90.7 76.3 116.3





#33

4-Chloroaniline

Concen: 20.991 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:127 Resp: 72133

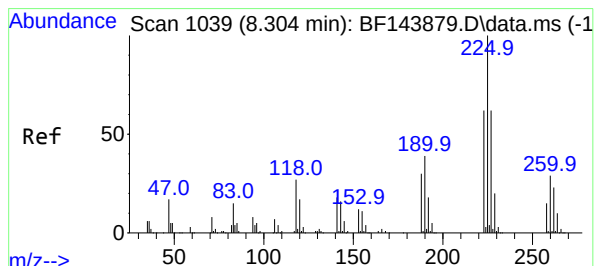
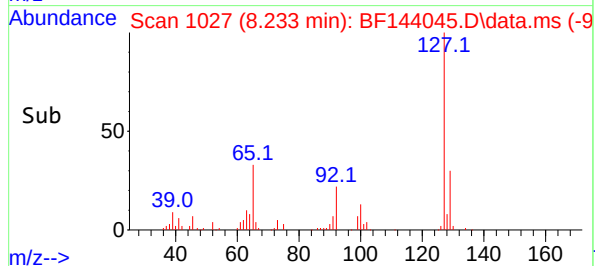
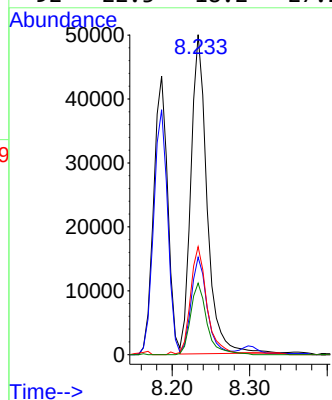
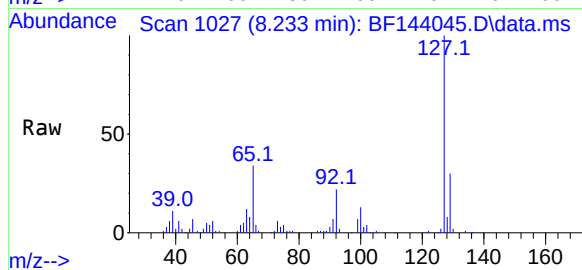
Ion Ratio Lower Upper

127 100

129 30.4 25.8 38.8

65 33.7 30.0 45.0

92 22.3 18.2 27.2



#34

Hexachlorobutadiene

Concen: 54.205 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

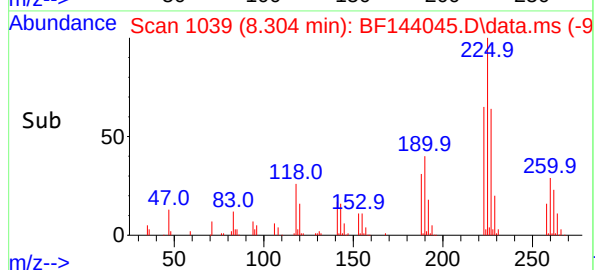
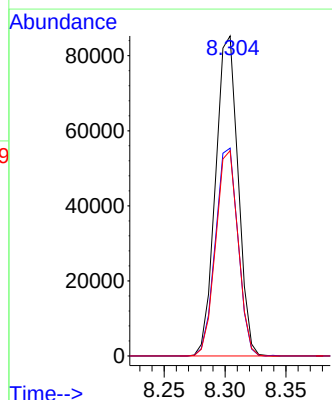
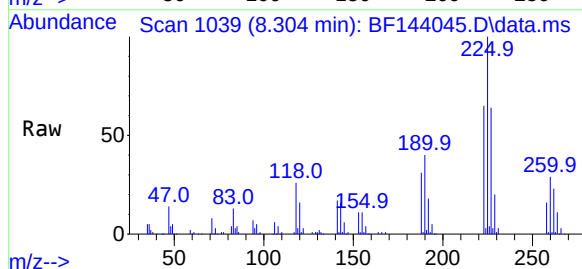
Tgt Ion:225 Resp: 109564

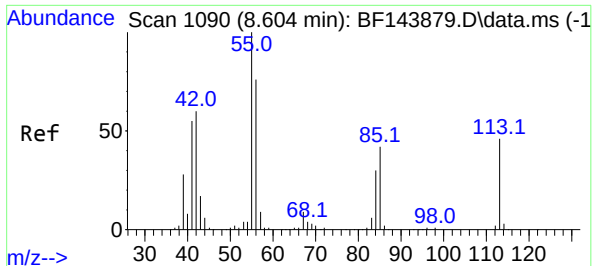
Ion Ratio Lower Upper

225 100

223 65.0 49.4 74.2

227 64.1 49.7 74.5

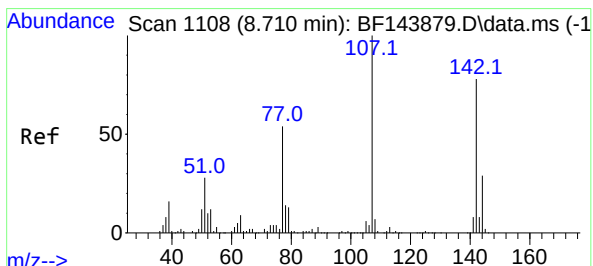
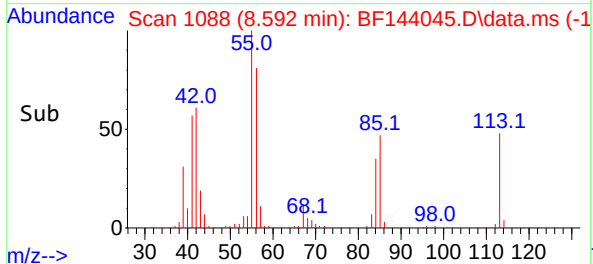
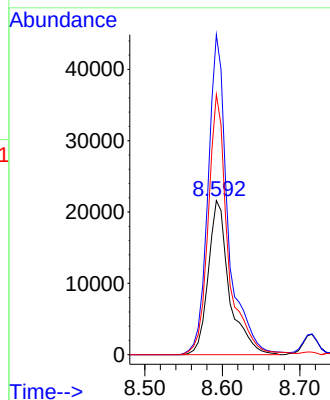
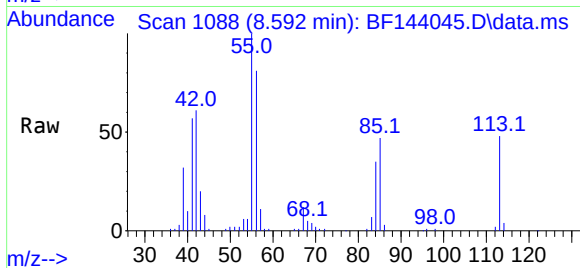




#35  
Caprolactam  
Concen: 43.381 ng  
RT: 8.592 min Scan# 1109  
Delta R.T. -0.053 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

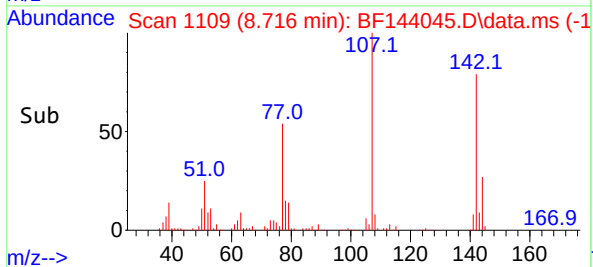
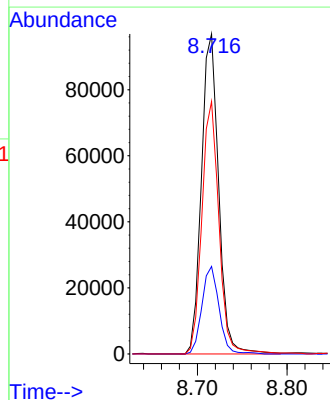
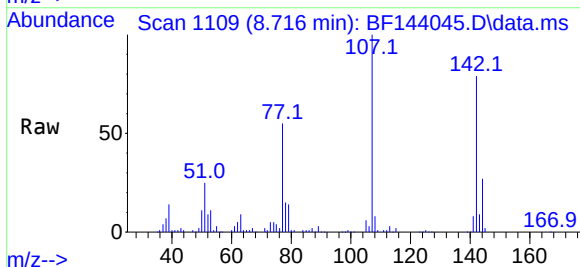
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

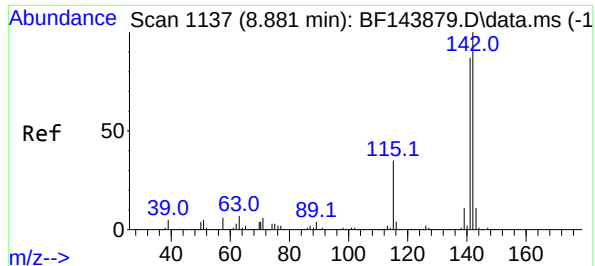
Tgt Ion:113 Resp: 40795  
Ion Ratio Lower Upper  
113 100  
55 207.7 199.6 239.6  
56 168.8 146.0 186.0



#36  
4-Chloro-3-methylphenol  
Concen: 45.419 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:107 Resp: 129035  
Ion Ratio Lower Upper  
107 100  
144 27.4 23.1 34.7  
142 78.9 62.6 94.0





#37

2-Methylnaphthalene

Concen: 43.377 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

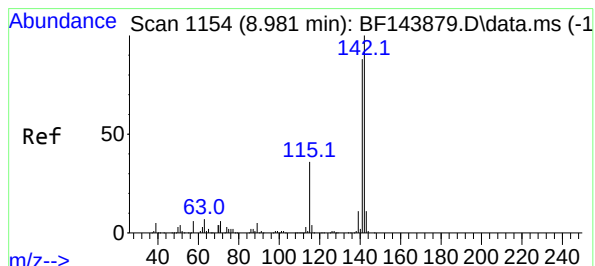
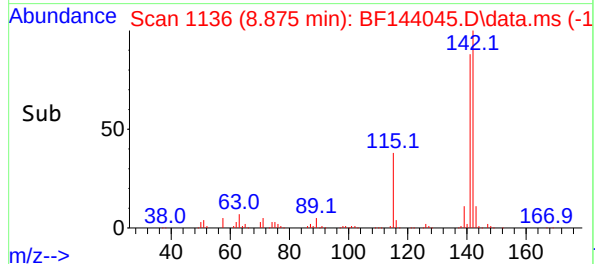
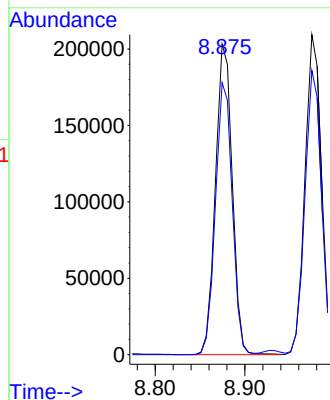
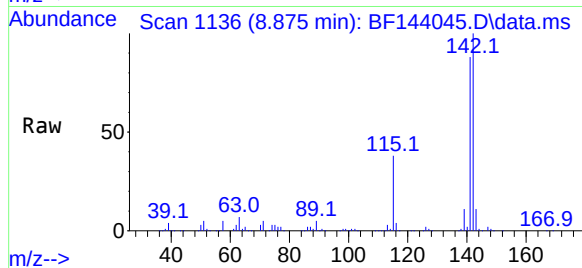
COMP-ROLLOFFMS

Tgt Ion:142 Resp: 264741

Ion Ratio Lower Upper

142 100

141 87.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 44.799 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144045.D

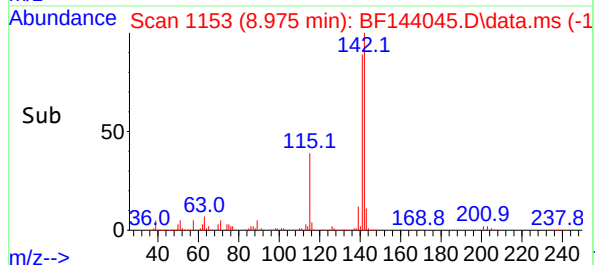
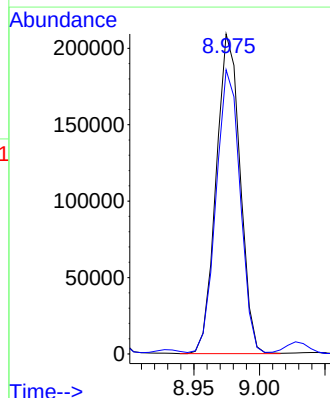
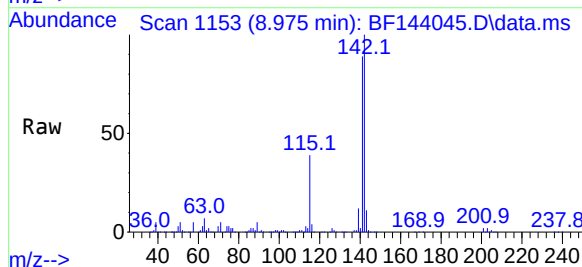
Acq: 22 Oct 2025 16:48

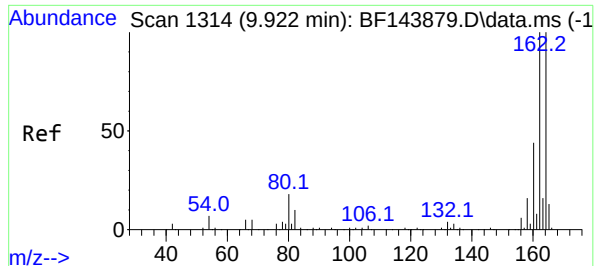
Tgt Ion:142 Resp: 265211

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

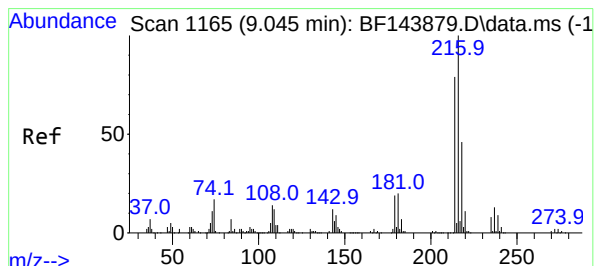
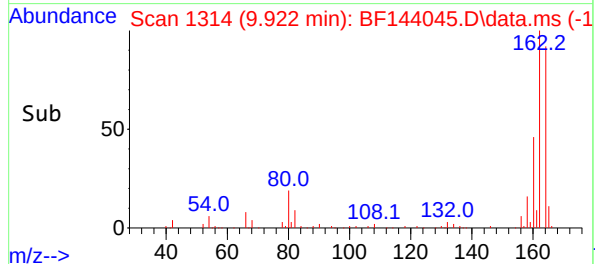
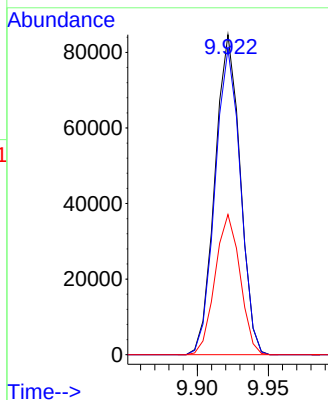
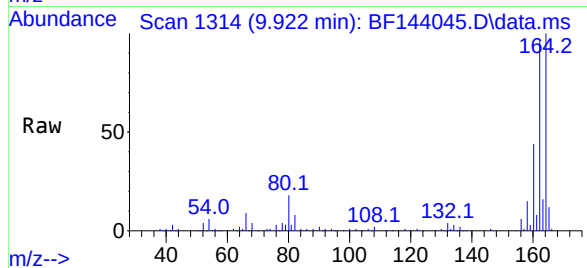
Tgt Ion:164 Resp: 104489

Ion Ratio Lower Upper

164 100

162 95.6 80.2 120.2

160 43.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.841 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:216 Resp: 167040

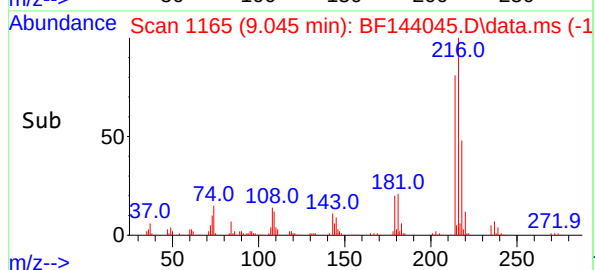
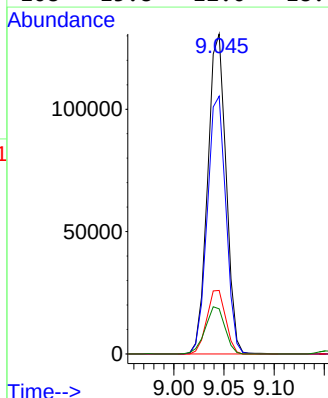
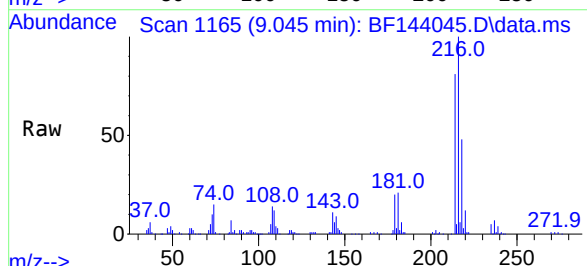
Ion Ratio Lower Upper

216 100

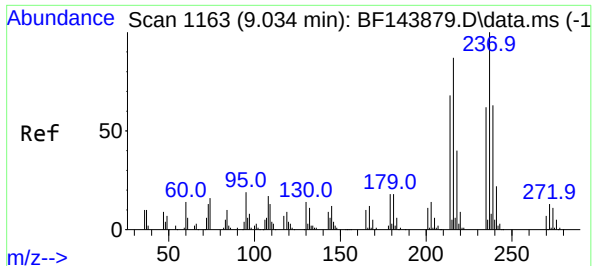
214 81.4 62.6 94.0

179 20.3 15.4 23.0

108 15.8 12.0 18.0







#41

Hexachlorocyclopentadiene

Concen: 66.354 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

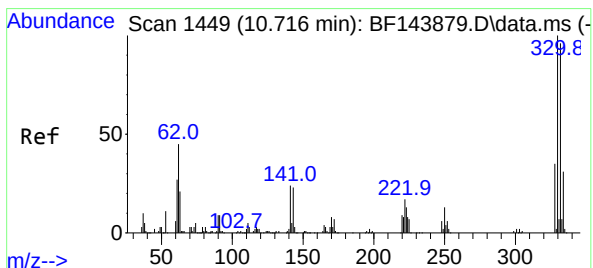
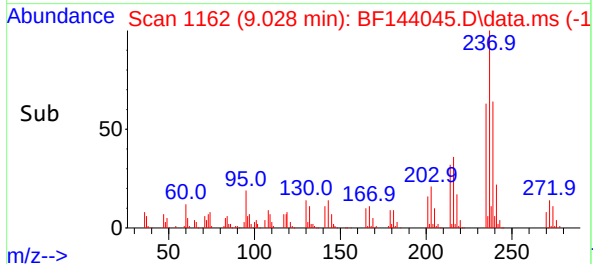
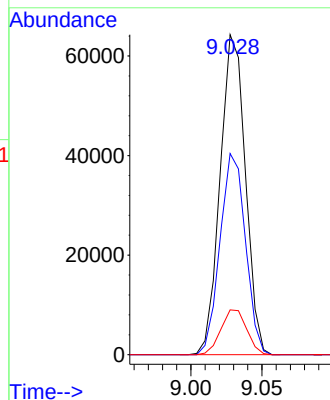
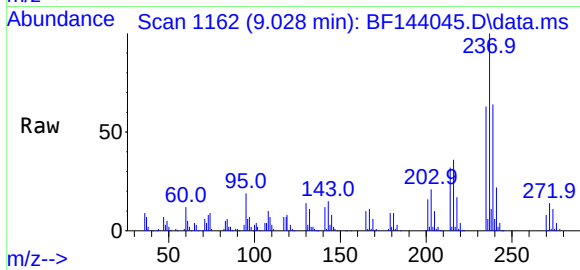
Tgt Ion:237 Resp: 79498

Ion Ratio Lower Upper

237 100

235 62.9 42.3 82.3

272 14.0 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 104.008 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

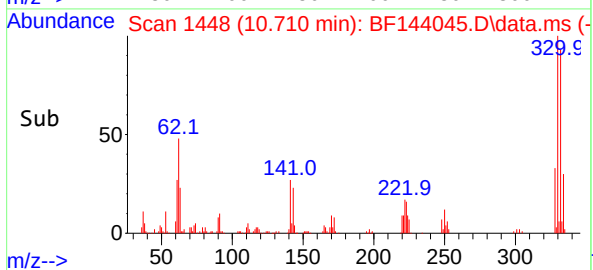
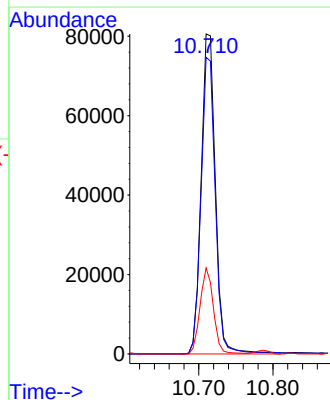
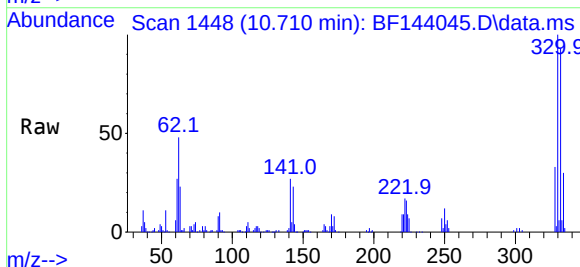
Tgt Ion:330 Resp: 108244

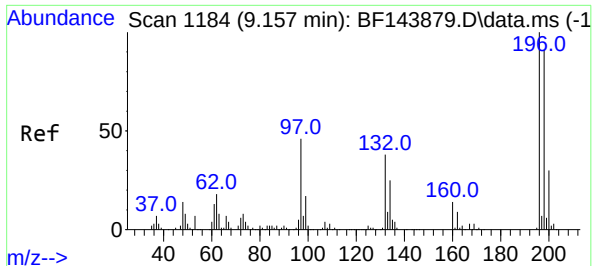
Ion Ratio Lower Upper

330 100

332 92.1 76.9 115.3

141 25.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 48.861 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

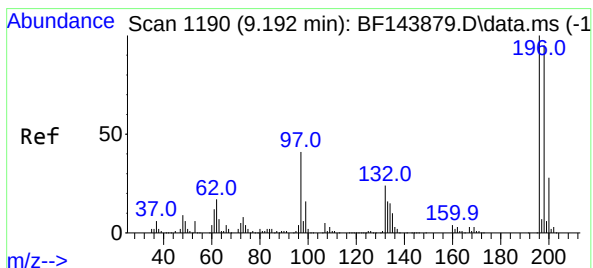
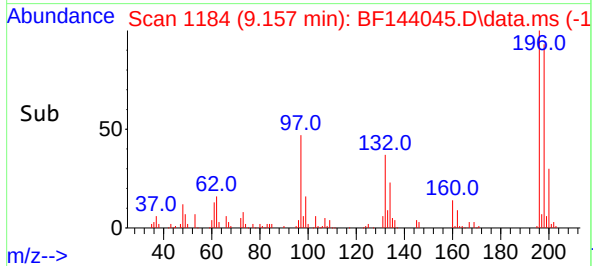
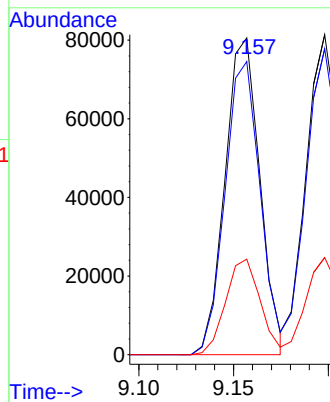
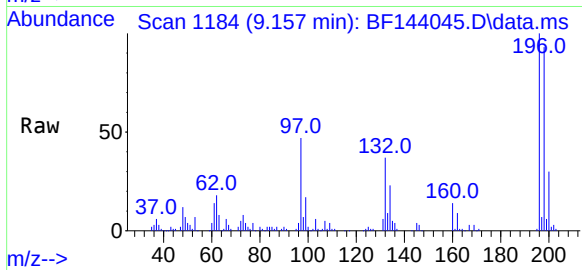
Tgt Ion:196 Resp: 103102

Ion Ratio Lower Upper

196 100

198 92.5 72.8 109.2

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.598 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:196 Resp: 110597

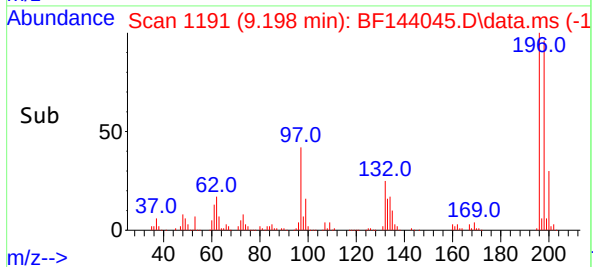
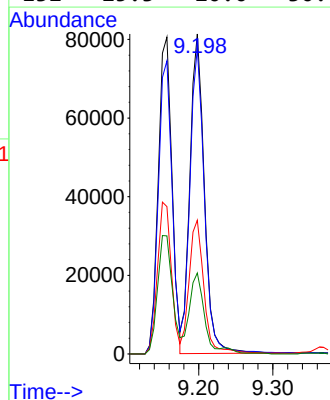
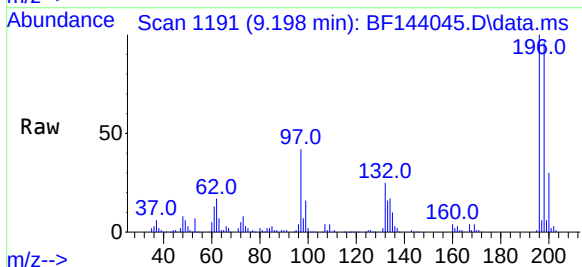
Ion Ratio Lower Upper

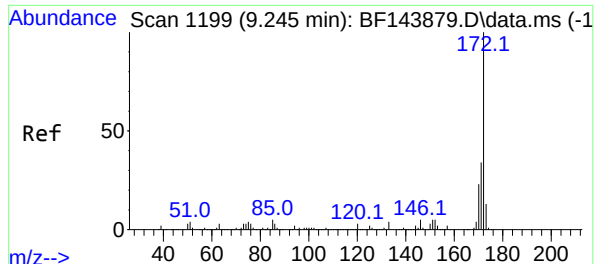
196 100

198 95.6 75.5 113.3

97 41.8 33.9 50.9

132 25.3 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 64.849 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

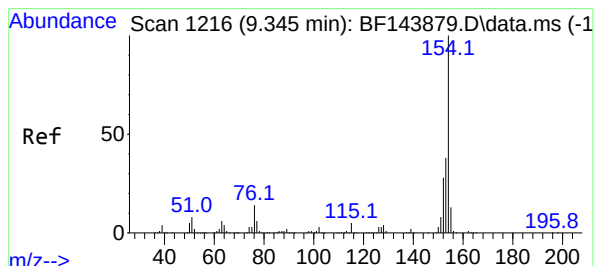
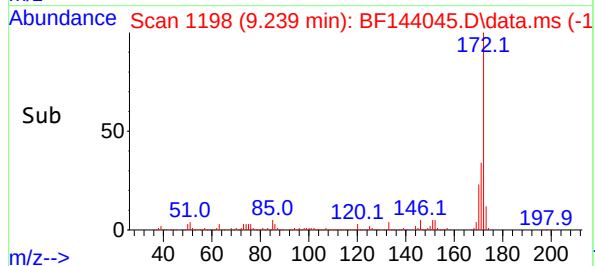
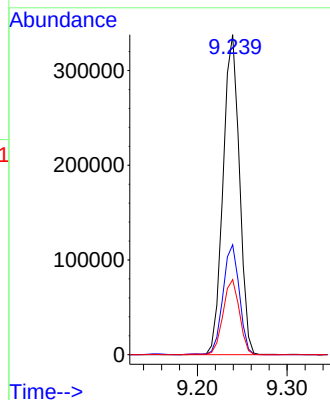
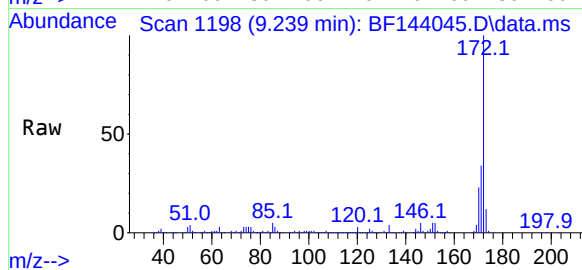
Tgt Ion:172 Resp: 427039

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.0

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 54.816 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

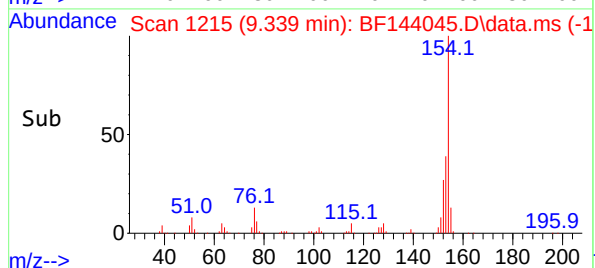
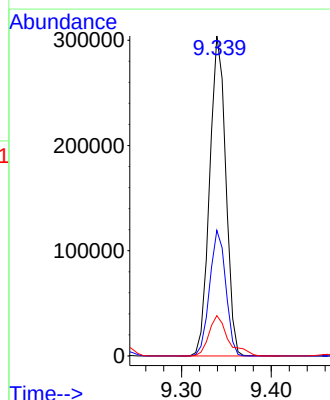
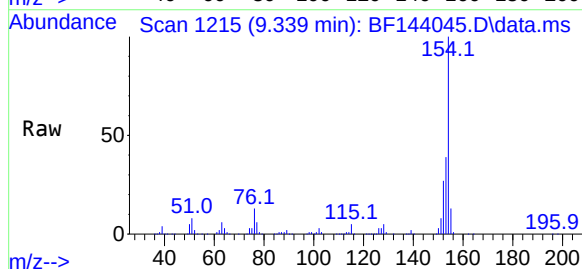
Tgt Ion:154 Resp: 379219

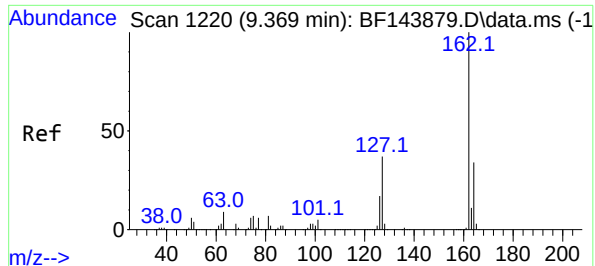
Ion Ratio Lower Upper

154 100

153 39.2 18.4 58.4

76 12.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.473 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

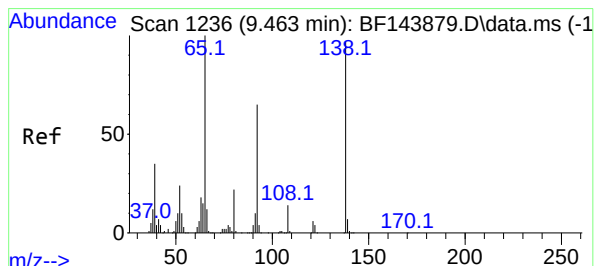
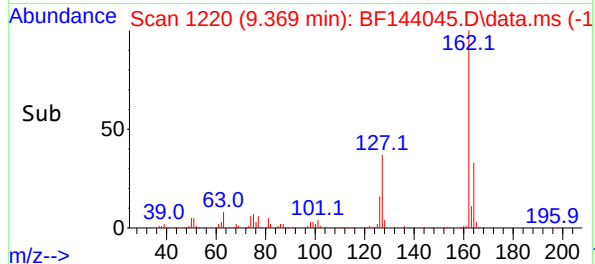
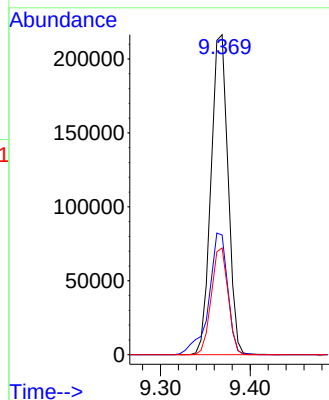
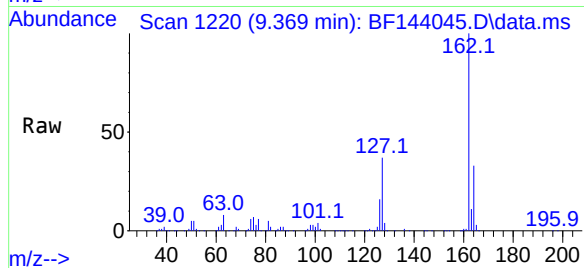
Tgt Ion:162 Resp: 285360

Ion Ratio Lower Upper

162 100

127 37.4 30.2 45.2

164 33.4 26.9 40.3



#48

2-Nitroaniline

Concen: 48.317 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

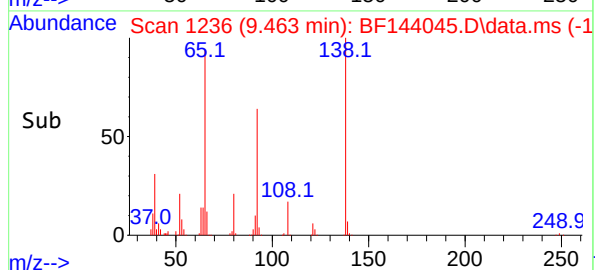
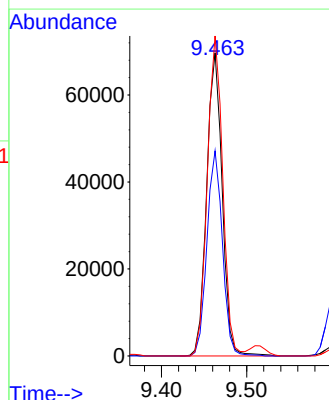
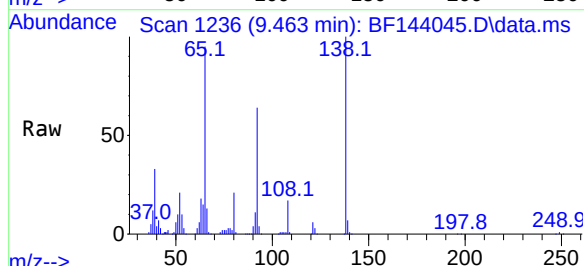
Tgt Ion: 65 Resp: 88111

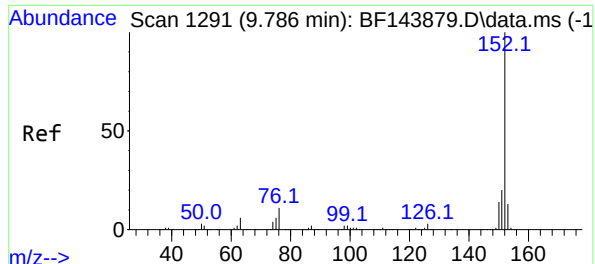
Ion Ratio Lower Upper

65 100

92 67.7 52.1 78.1

138 105.6 77.4 116.2





#49

Acenaphthylene

Concen: 54.086 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

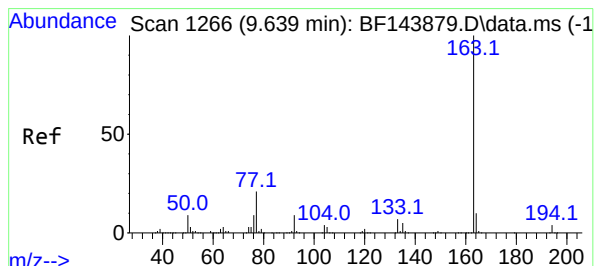
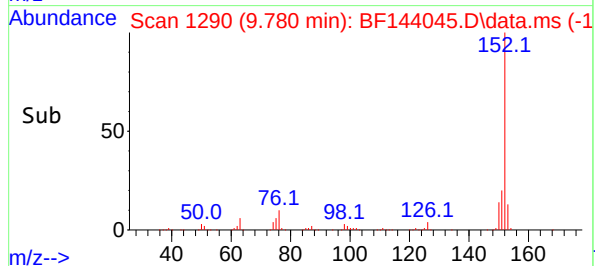
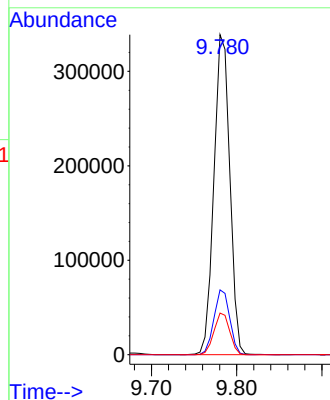
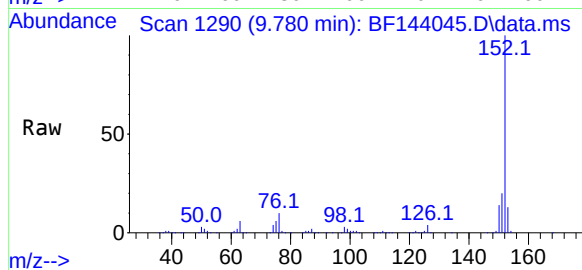
Tgt Ion:152 Resp: 438583

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 48.780 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

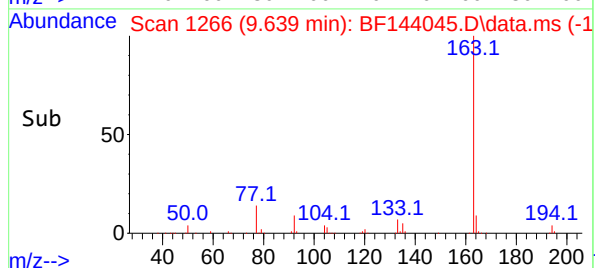
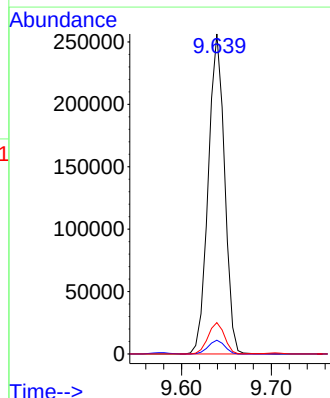
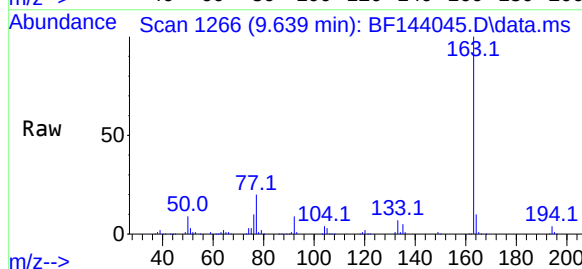
Tgt Ion:163 Resp: 323677

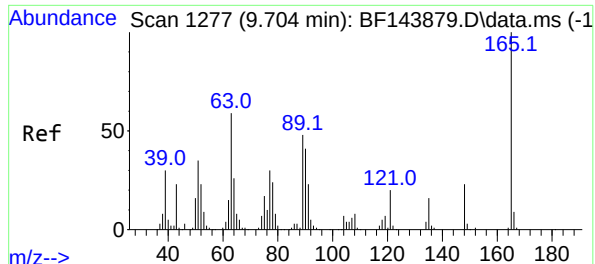
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 57.022 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

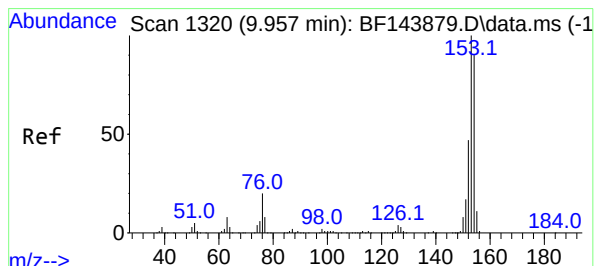
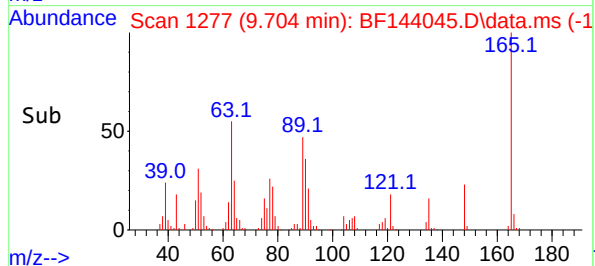
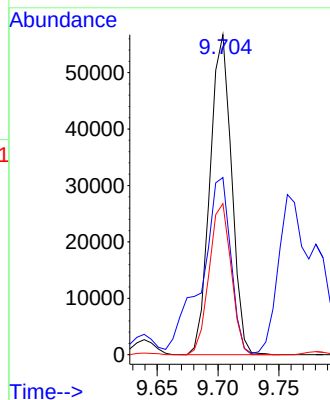
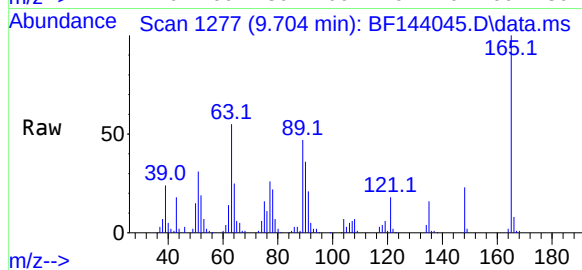
Tgt Ion:165 Resp: 70161

Ion Ratio Lower Upper

165 100

63 55.4 47.3 70.9

89 47.2 38.2 57.4



#52

Acenaphthene

Concen: 49.847 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

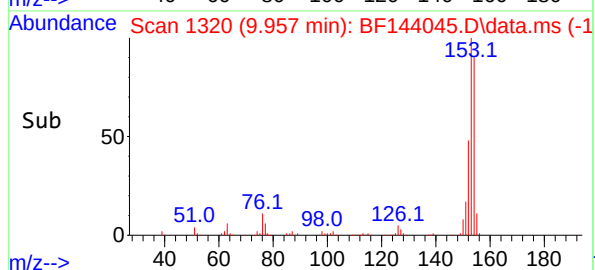
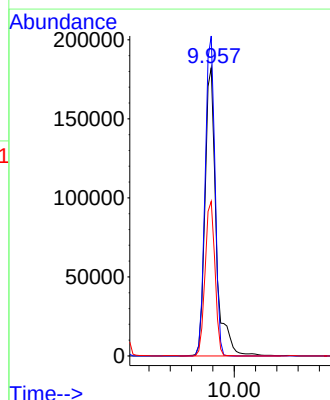
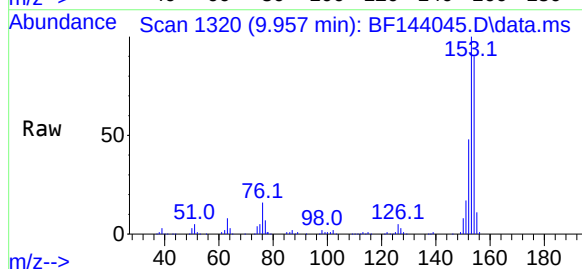
Tgt Ion:154 Resp: 264864

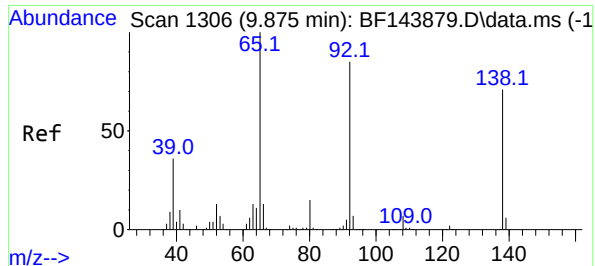
Ion Ratio Lower Upper

154 100

153 111.0 89.3 133.9

152 53.6 42.2 63.2





#53

3-Nitroaniline

Concen: 35.346 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

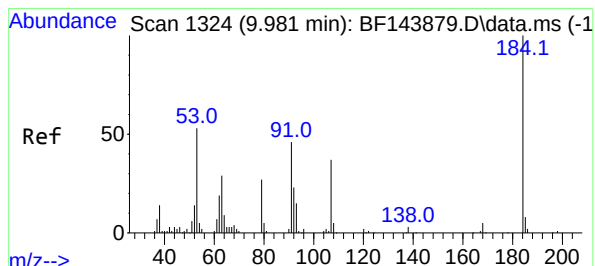
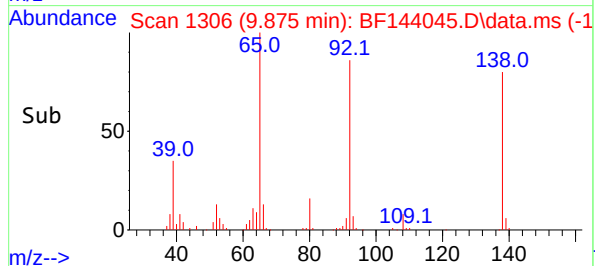
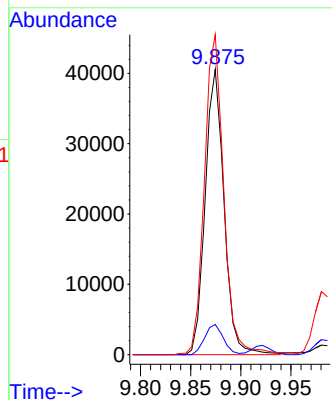
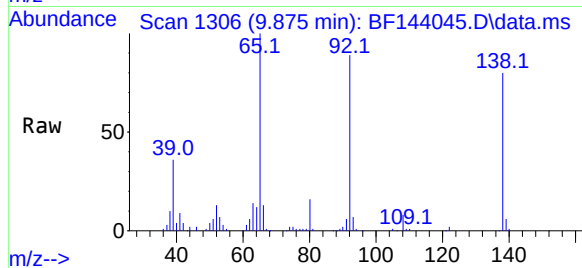
Tgt Ion:138 Resp: 53252

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

92 112.1 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 77.012 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

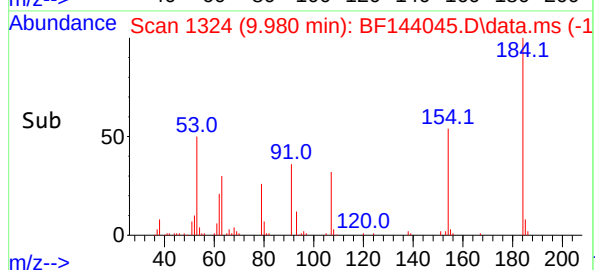
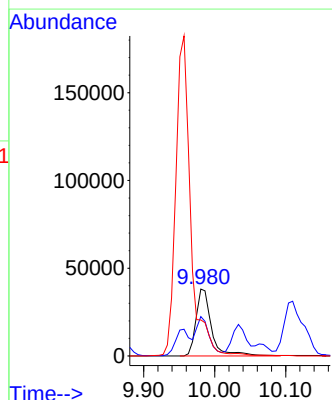
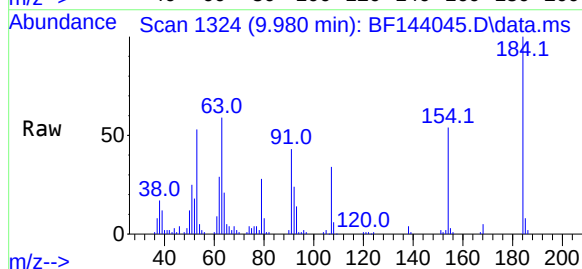
Tgt Ion:184 Resp: 58234

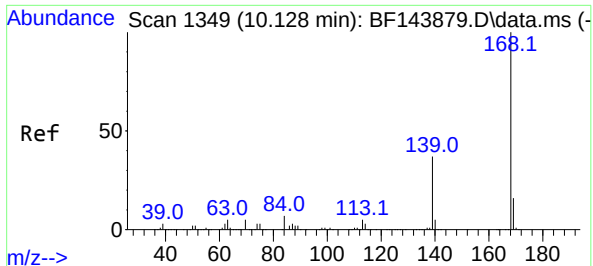
Ion Ratio Lower Upper

184 100

63 58.8 48.2 72.4

154 53.9 49.2 73.8





#55

Dibenzenofuran

Concen: 47.784 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

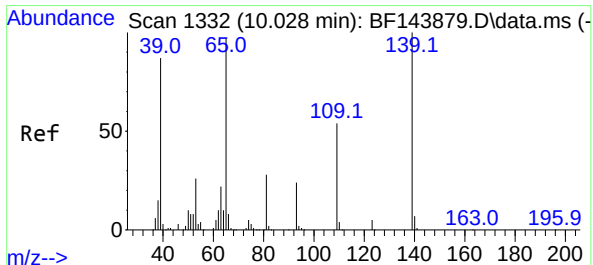
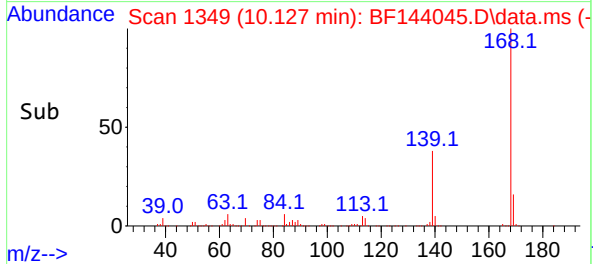
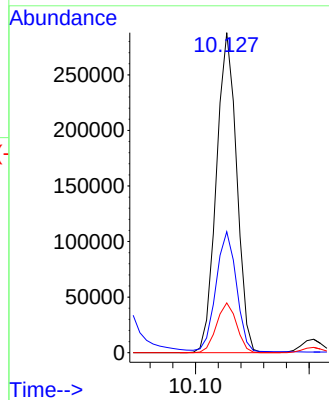
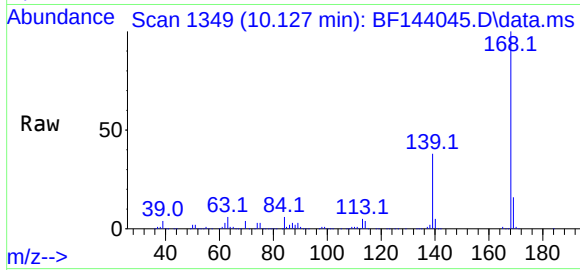
Tgt Ion:168 Resp: 358411

Ion Ratio Lower Upper

168 100

139 37.8 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 82.938 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

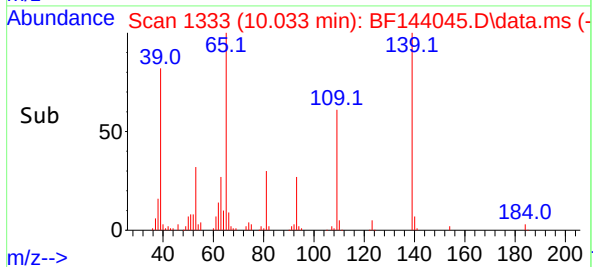
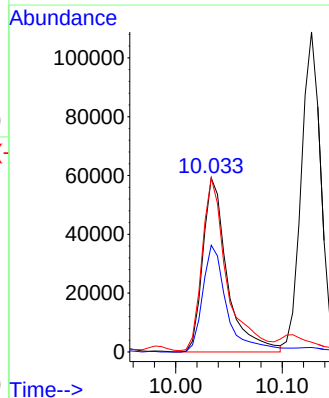
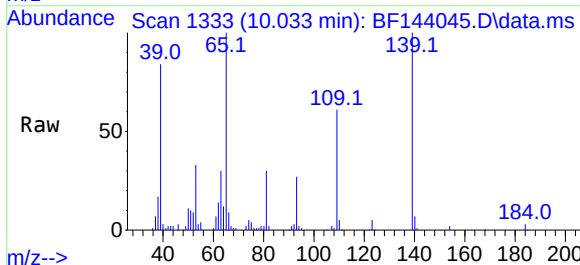
Tgt Ion:139 Resp: 94611

Ion Ratio Lower Upper

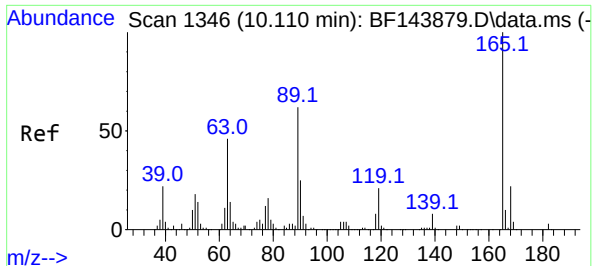
139 100

109 61.3 34.5 74.5

65 100.0 77.6 117.6



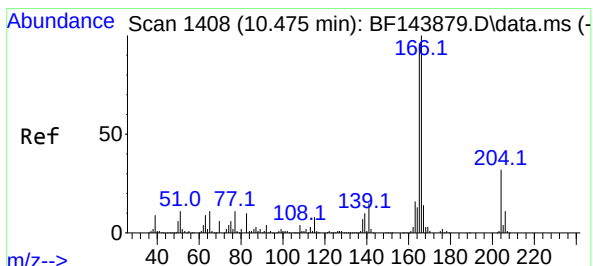
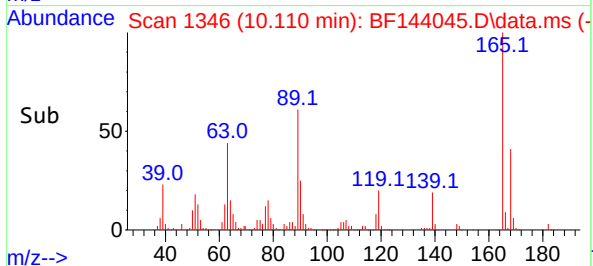
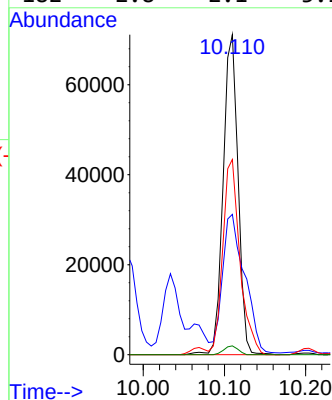
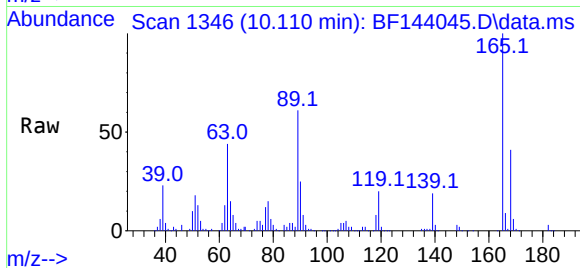




#57  
2,4-Dinitrotoluene  
Concen: 54.420 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

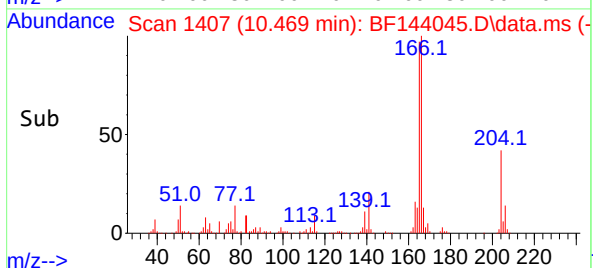
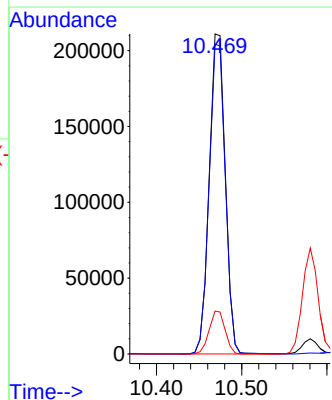
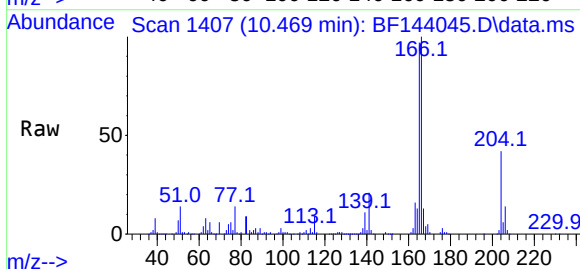
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

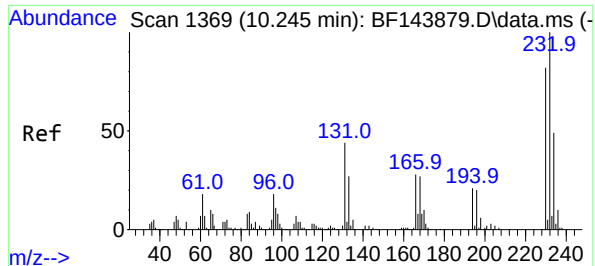
Tgt Ion:165 Resp: 91107  
Ion Ratio Lower Upper  
165 100  
63 43.8 37.2 55.8  
89 61.0 49.4 74.2  
182 2.8 2.1 3.1



#58  
Fluorene  
Concen: 48.851 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

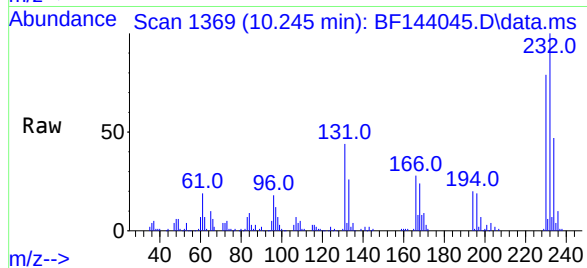
Tgt Ion:166 Resp: 276481  
Ion Ratio Lower Upper  
166 100  
165 96.8 77.0 115.6  
167 13.4 11.1 16.7



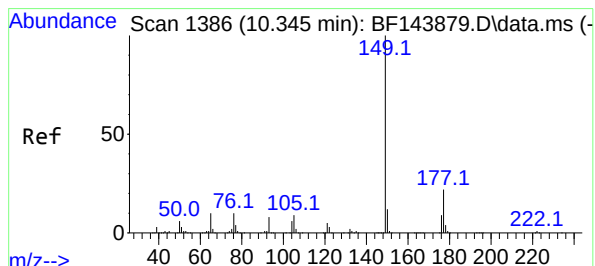
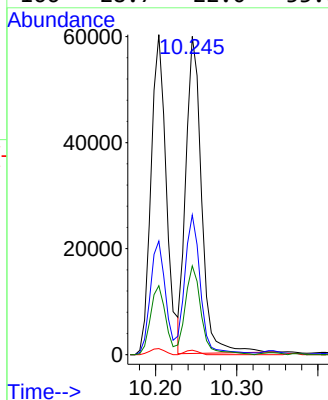
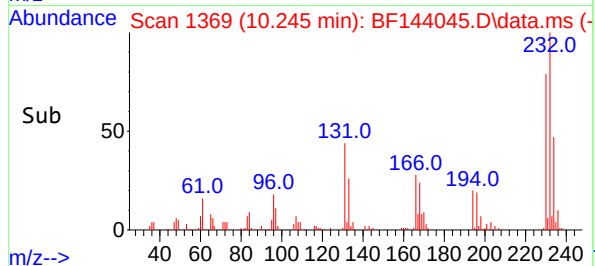


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.862 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

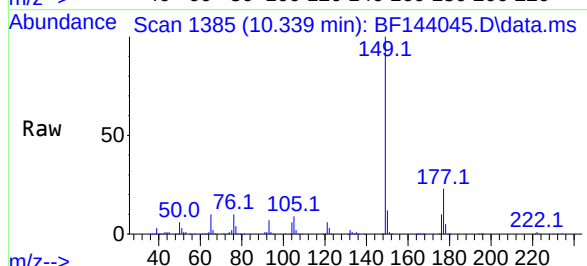
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS



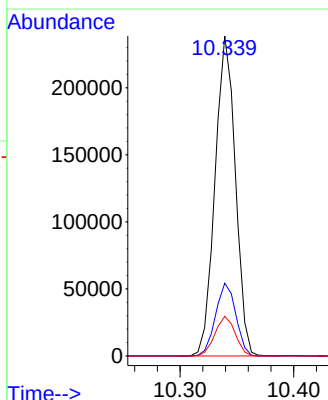
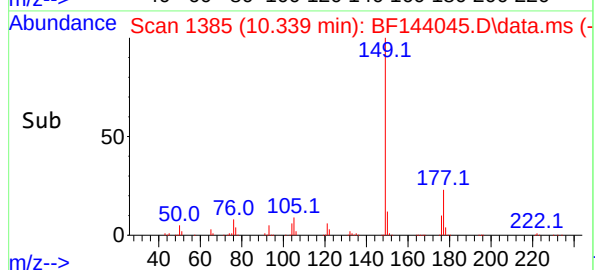
Tgt Ion:232 Resp: 80285  
Ion Ratio Lower Upper  
232 100  
131 45.0 34.9 52.3  
130 1.2 1.6 2.4#  
166 28.7 22.0 33.0



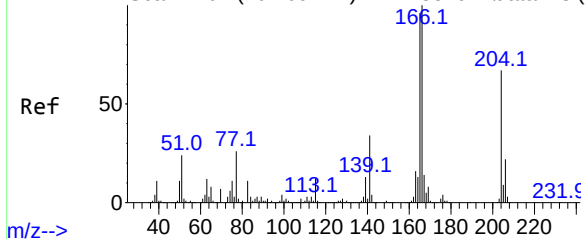
#60  
Diethylphthalate  
Concen: 48.264 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48



Tgt Ion:149 Resp: 297519  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.9 26.9  
150 12.3 9.8 14.8



Abundance Scan 1407 (10.469 min): BF143879.D\data.ms (-

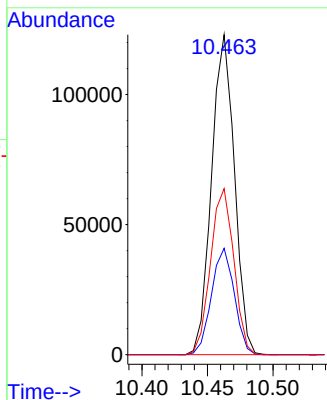
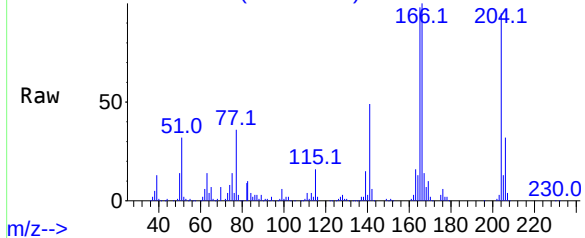


#61  
4-Chlorophenyl-phenylether  
Concen: 49.796 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

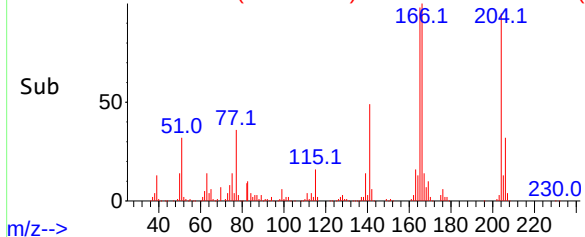
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

Tgt Ion:204 Resp: 149003  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.6 40.0  
141 51.9 40.4 60.6

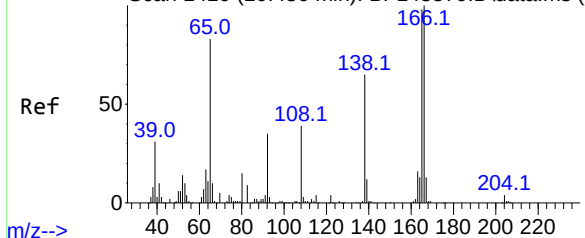
Abundance Scan 1406 (10.463 min): BF144045.D\data.ms (-



Abundance Scan 1406 (10.463 min): BF144045.D\data.ms (-



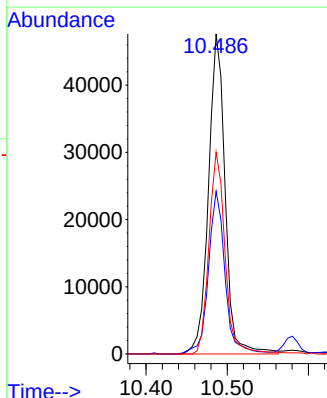
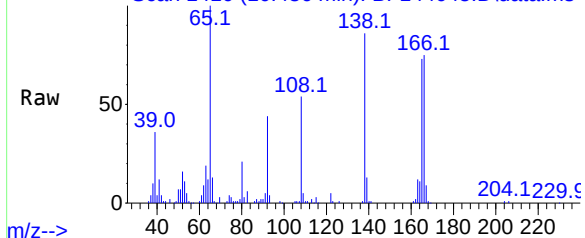
Abundance Scan 1410 (10.486 min): BF143879.D\data.ms (-



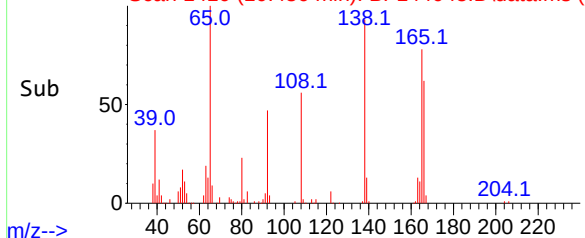
#62  
4-Nitroaniline  
Concen: 46.806 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

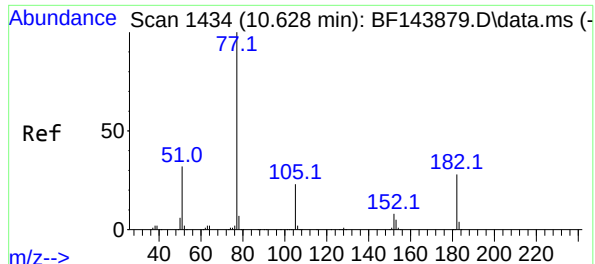
Tgt Ion:138 Resp: 67812  
Ion Ratio Lower Upper  
138 100  
92 50.8 33.9 73.9  
108 63.1 40.2 80.2

Abundance Scan 1410 (10.486 min): BF144045.D\data.ms (-



Abundance Scan 1410 (10.486 min): BF144045.D\data.ms (-





#63

Azobenzene

Concen: 47.002 ng

RT: 10.622 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 77 Resp: 302817

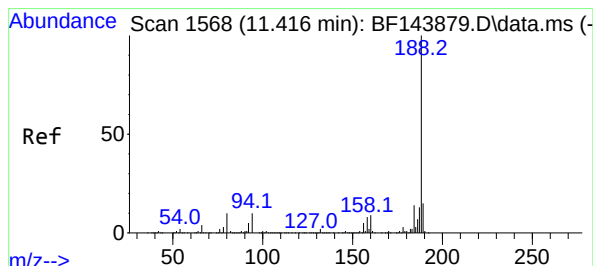
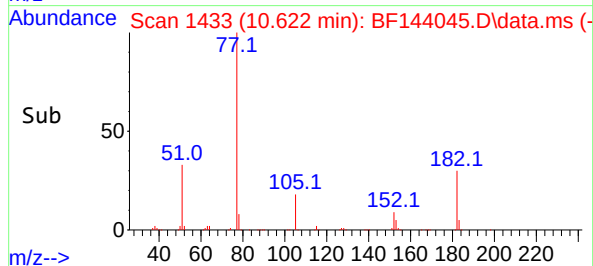
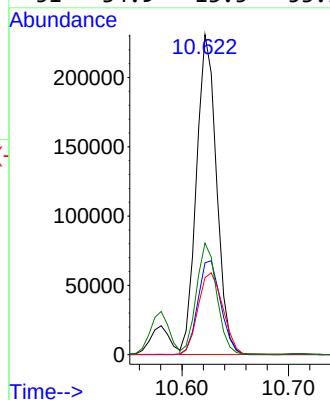
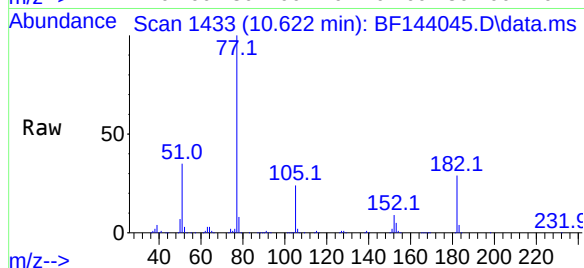
Ion Ratio Lower Upper

77 100

182 28.7 7.3 47.3

105 24.1 3.0 43.0

51 34.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

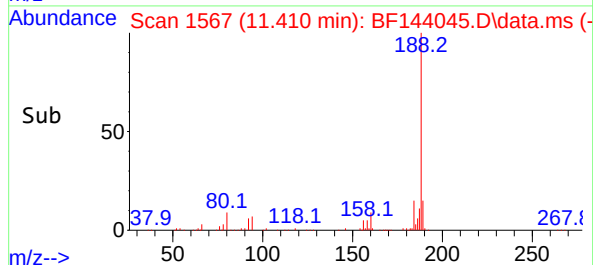
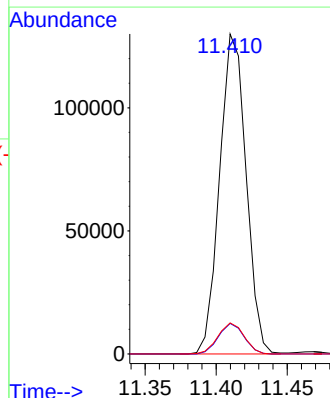
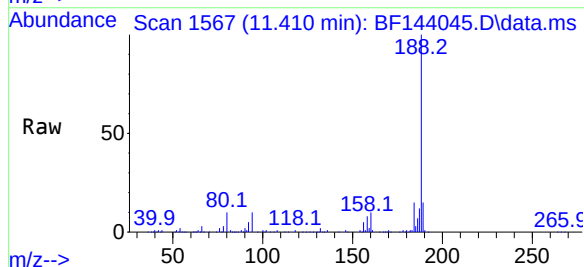
Tgt Ion: 188 Resp: 168446

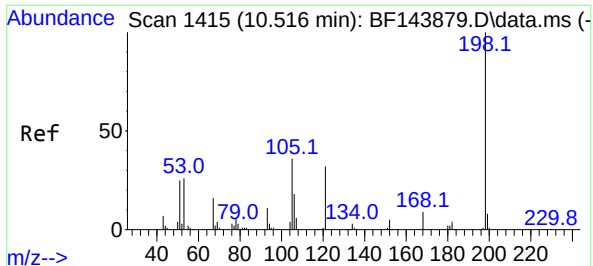
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 9.7 7.9 11.9

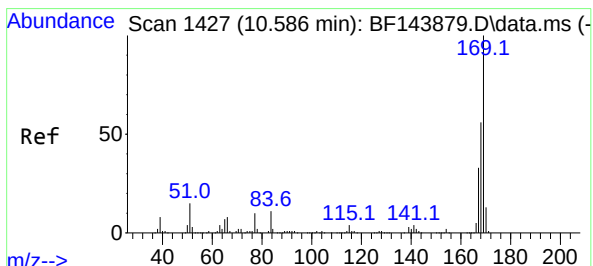
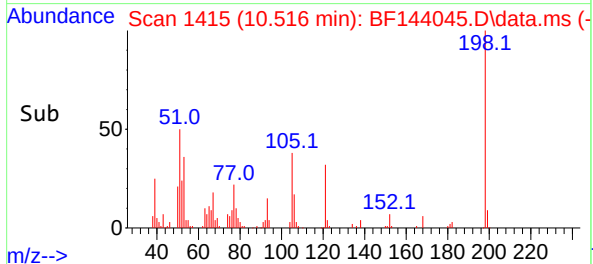
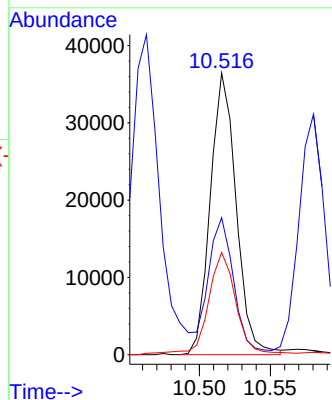
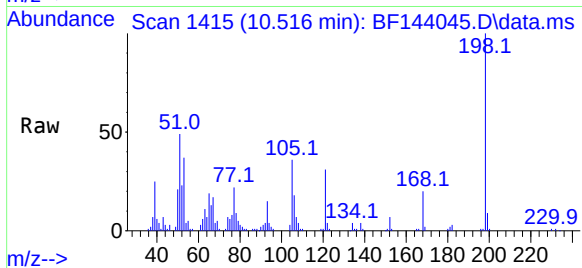




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.673 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

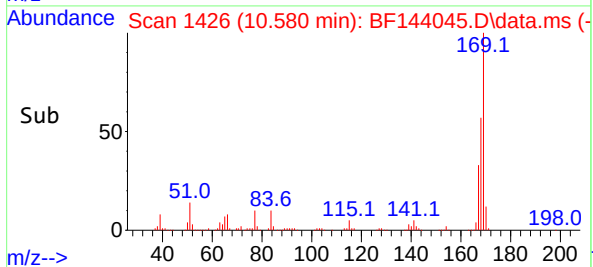
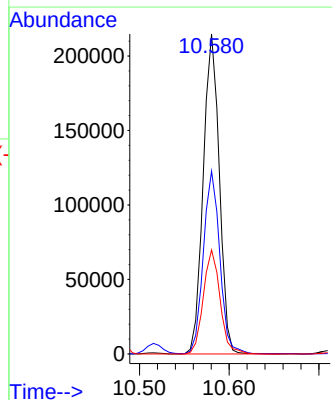
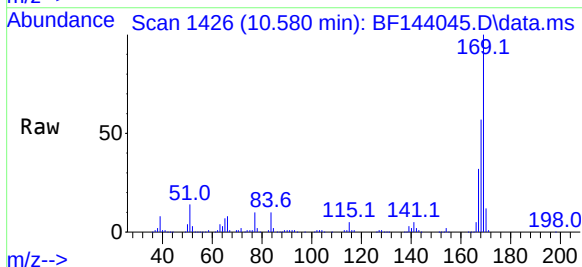
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

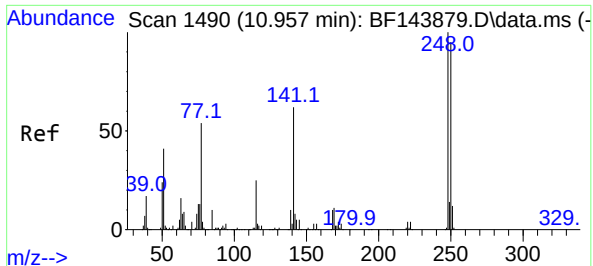
Tgt Ion:198 Resp: 46280  
Ion Ratio Lower Upper  
198 100  
51 48.7 33.8 73.8  
105 36.3 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 50.551 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:169 Resp: 267366  
Ion Ratio Lower Upper  
169 100  
168 57.2 44.9 67.3  
167 32.5 26.3 39.5

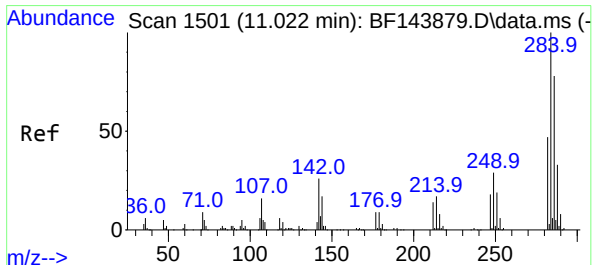
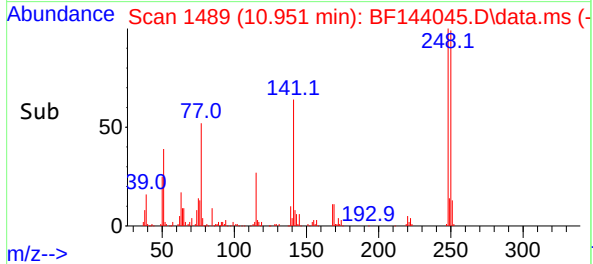
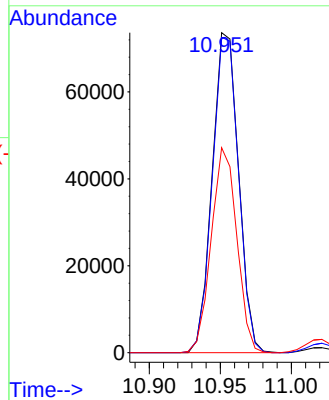
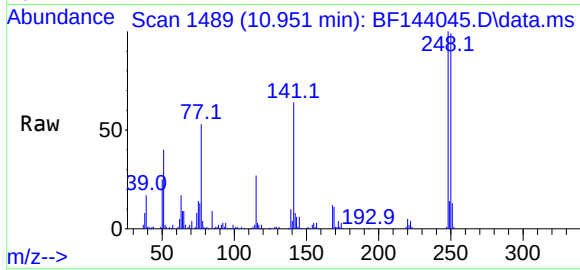




#67  
4-Bromophenyl-phenylether  
Concen: 51.060 ng  
RT: 10.951 min Scan# 1490  
Delta R.T. -0.012 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

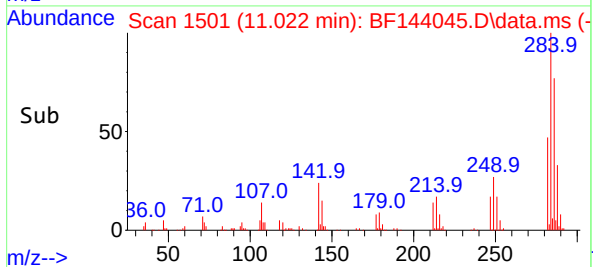
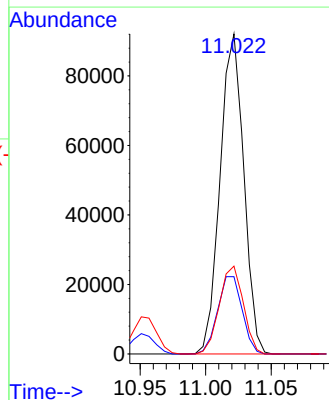
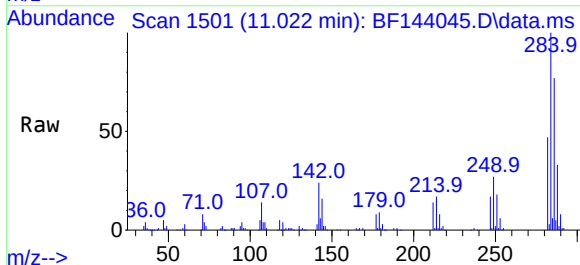
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

Tgt Ion:248 Resp: 95053  
Ion Ratio Lower Upper  
248 100  
250 98.5 76.3 114.5  
141 64.0 49.7 74.5

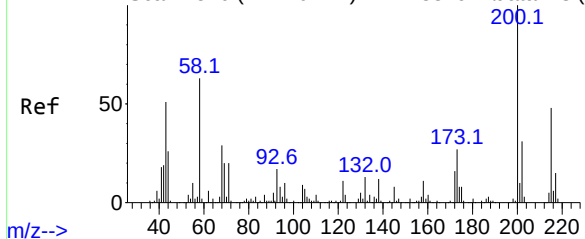


#68  
Hexachlorobenzene  
Concen: 53.609 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:284 Resp: 115537  
Ion Ratio Lower Upper  
284 100  
142 24.2 20.6 30.8  
249 27.5 23.2 34.8



Abundance Scan 1516 (11.110 min): BF143879.D\data.ms (-



#69

Atrazine

Concen: 53.756 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

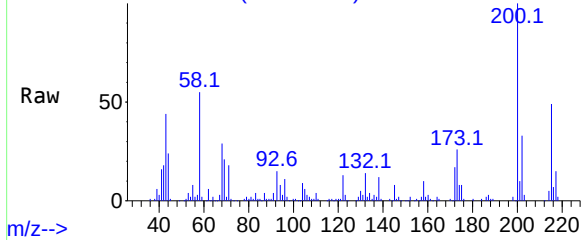
BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

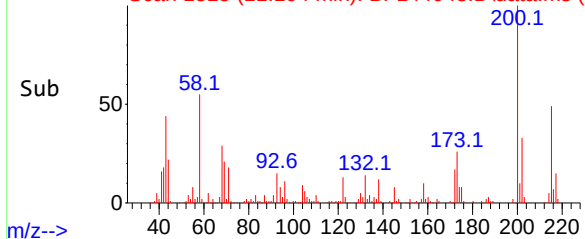
m/z--&gt;

Abundance Scan 1515 (11.104 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 1515 (11.104 min): BF144045.D\data.ms (-



m/z--&gt;

Tgt Ion:200 Resp: 86175

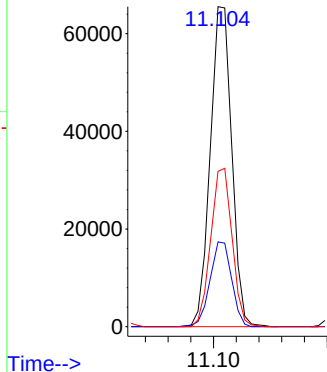
Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

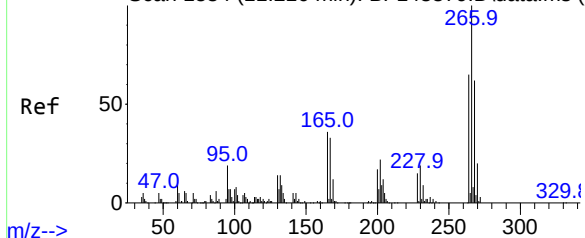
215 48.5 27.8 67.8

Abundance



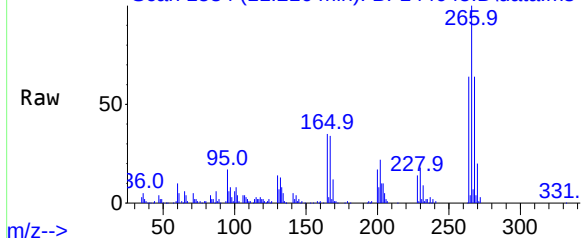
Time--&gt;

Abundance Scan 1534 (11.216 min): BF143879.D\data.ms (-



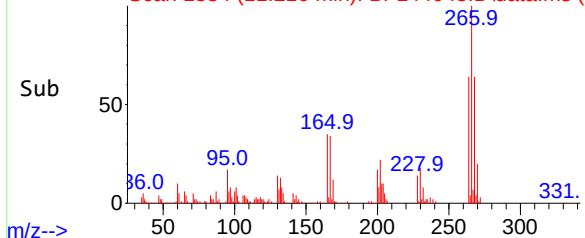
m/z--&gt;

Abundance Scan 1534 (11.216 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 1534 (11.216 min): BF144045.D\data.ms (-



m/z--&gt;

#70

Pentachlorophenol

Concen: 93.490 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:266 Resp: 115720

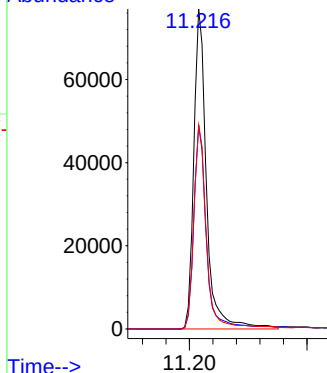
Ion Ratio Lower Upper

266 100

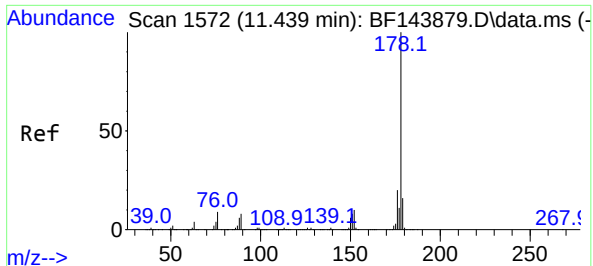
268 63.6 49.4 74.0

264 63.8 51.8 77.6

Abundance



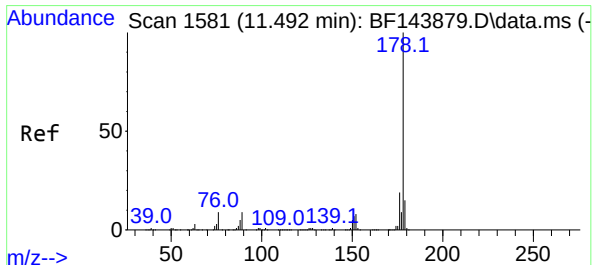
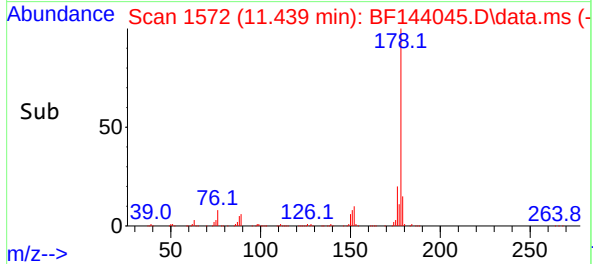
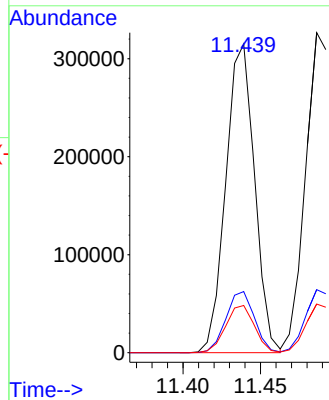
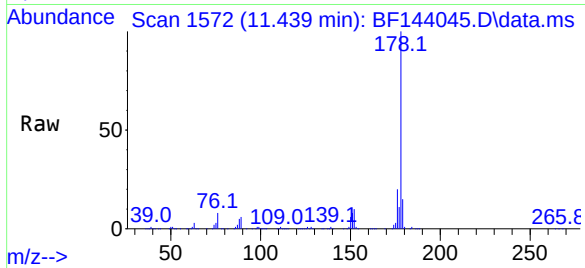
Time--&gt;



#71  
Phenanthrene  
Concen: 49.820 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

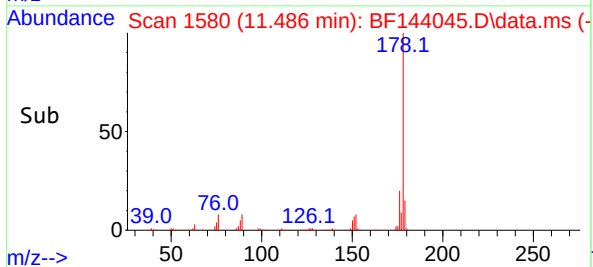
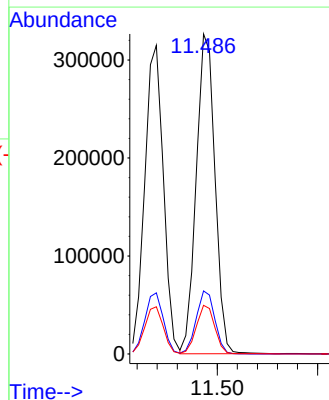
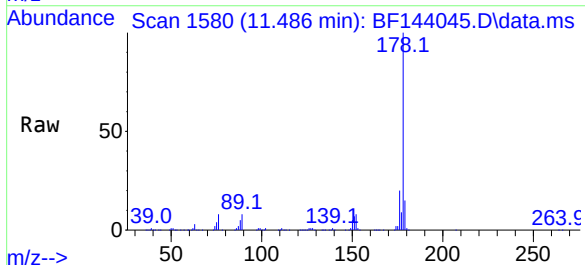
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

Tgt Ion:178 Resp: 406843  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.9 23.9  
179 15.3 12.4 18.6



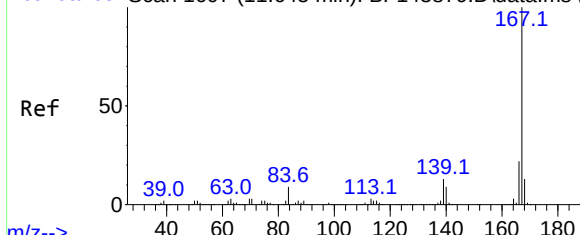
#72  
Anthracene  
Concen: 51.435 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:178 Resp: 424337  
Ion Ratio Lower Upper  
178 100  
176 19.7 14.9 22.3  
179 15.2 12.2 18.2





Abundance Scan 1607 (11.645 min): BF143879.D\data.ms (-



#73

Carbazole

Concen: 51.318 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

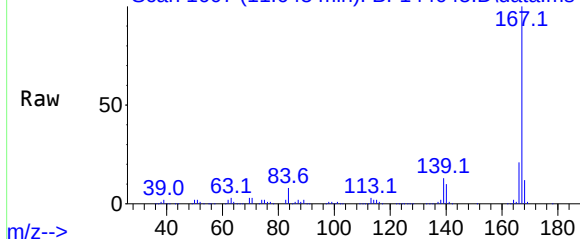
BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

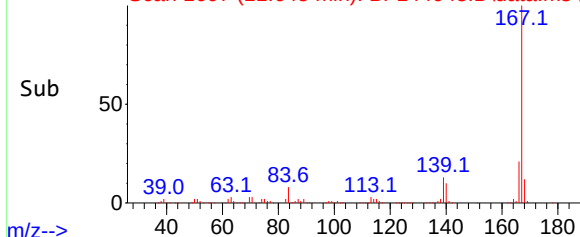
m/z--&gt;

Abundance Scan 1607 (11.645 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 1607 (11.645 min): BF144045.D\data.ms (-



m/z--&gt;

Tgt Ion:167 Resp: 374959

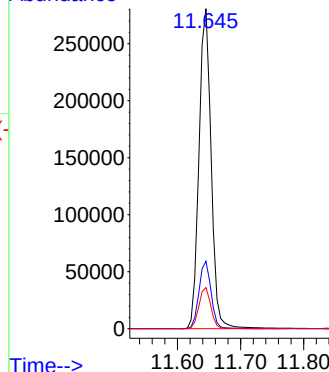
Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

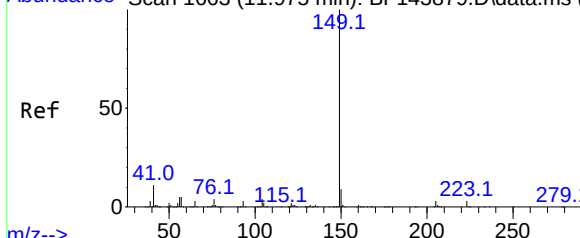
139 12.8 10.1 15.1

Abundance



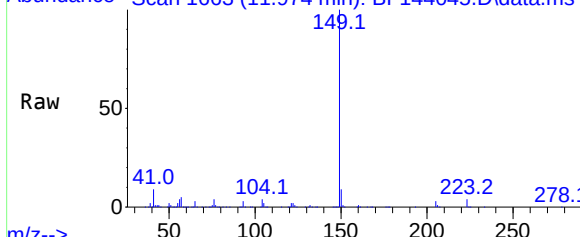
Time--&gt;

Abundance Scan 1663 (11.975 min): BF143879.D\data.ms (-



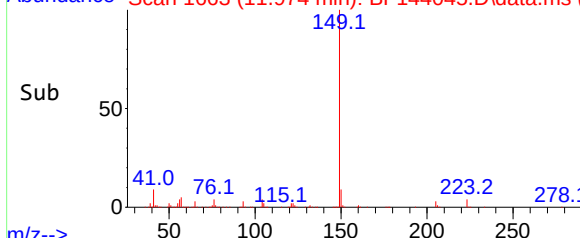
m/z--&gt;

Abundance Scan 1663 (11.974 min): BF144045.D\data.ms



m/z--&gt;

Abundance Scan 1663 (11.974 min): BF144045.D\data.ms (-



m/z--&gt;

#74

Di-n-butylphthalate

Concen: 51.866 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:149 Resp: 439215

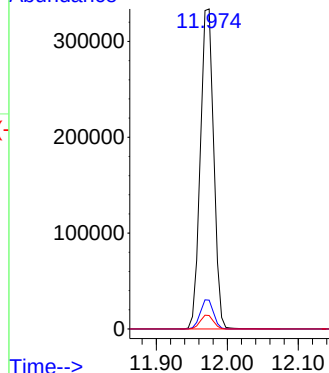
Ion Ratio Lower Upper

149 100

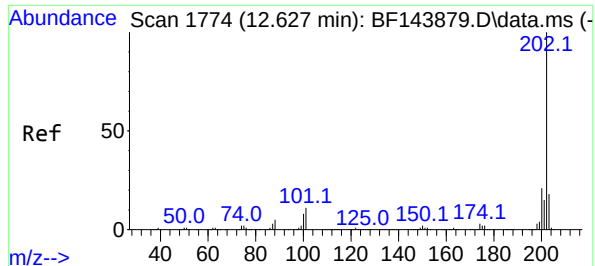
150 9.0 7.4 11.2

104 4.2 3.4 5.2

Abundance

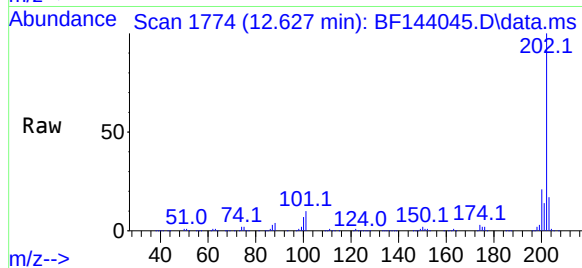


Time--&gt;

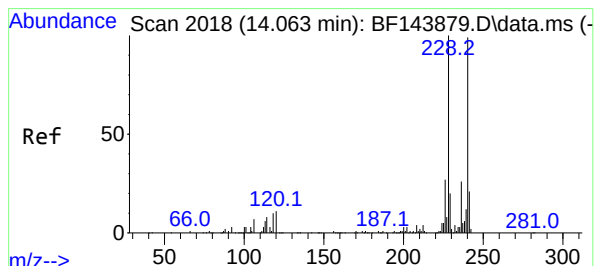
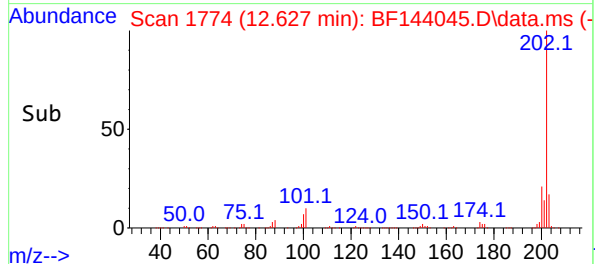
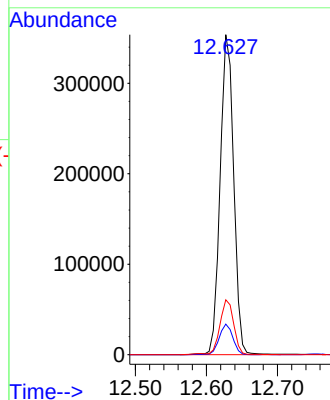


#75  
Fluoranthene  
Concen: 55.274 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

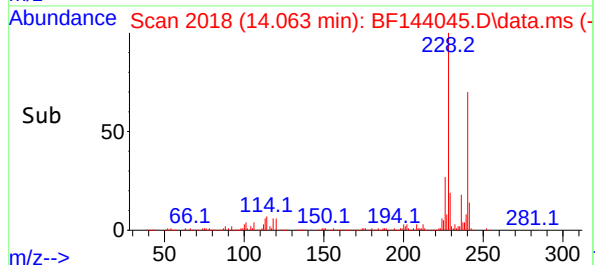
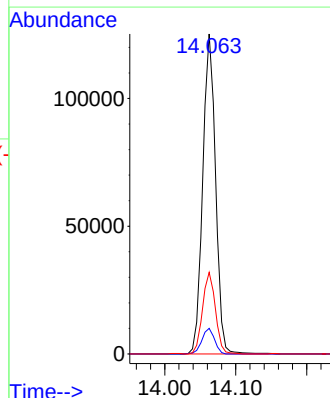
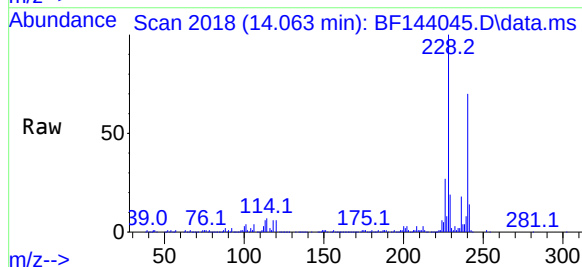


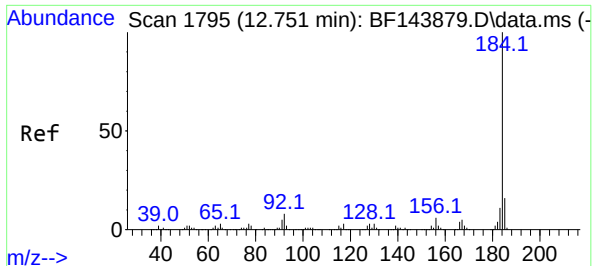
Tgt Ion:202 Resp: 466245  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 30.7  
203 17.2 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:240 Resp: 157711  
Ion Ratio Lower Upper  
240 100  
120 8.0 8.6 13.0#  
236 25.5 21.1 31.7





#77

Benzidine

Concen: 35.061 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

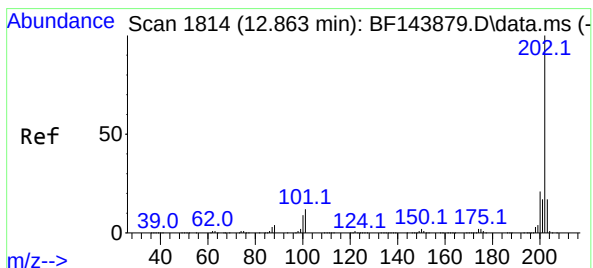
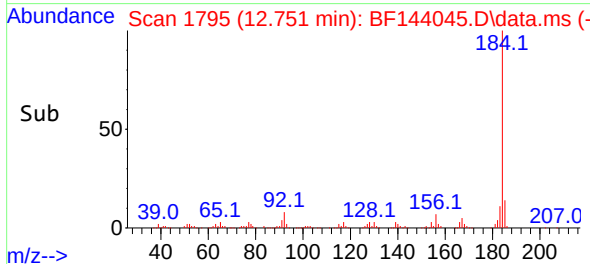
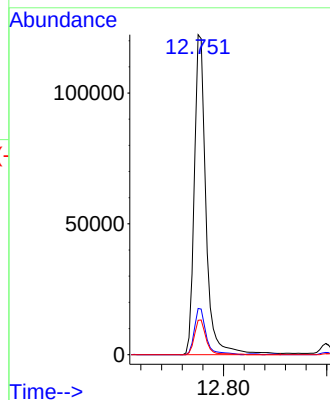
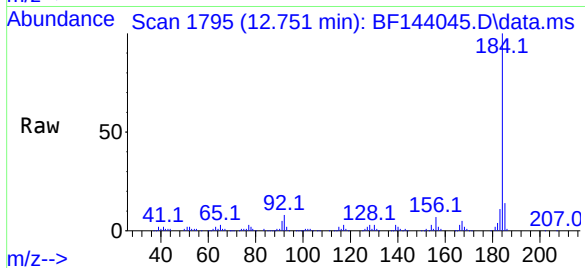
Tgt Ion:184 Resp: 191999

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 10.8 8.8 13.2



#78

Pyrene

Concen: 36.974 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

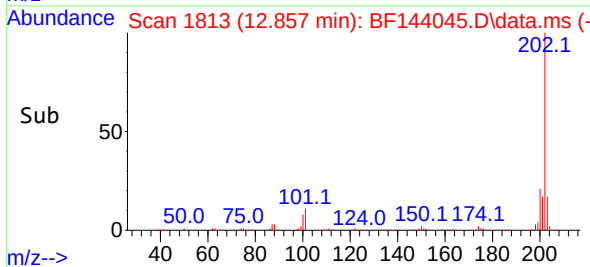
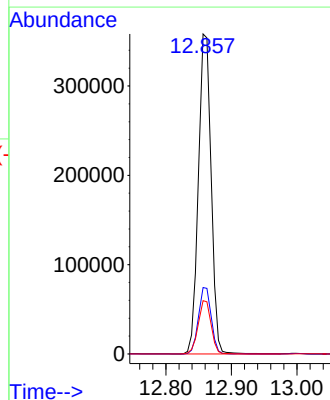
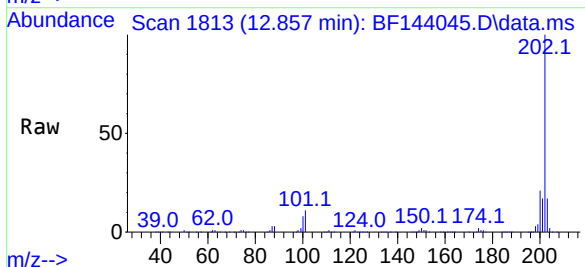
Tgt Ion:202 Resp: 486134

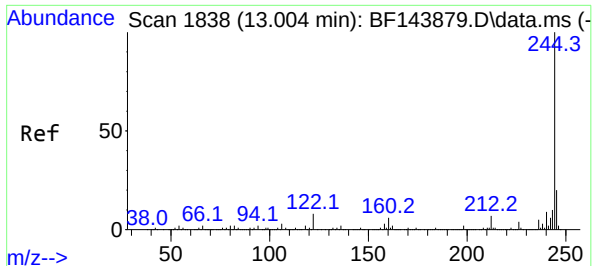
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 50.515 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

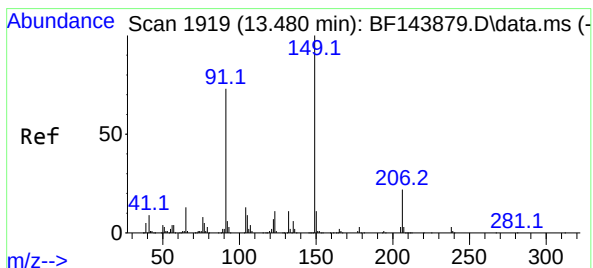
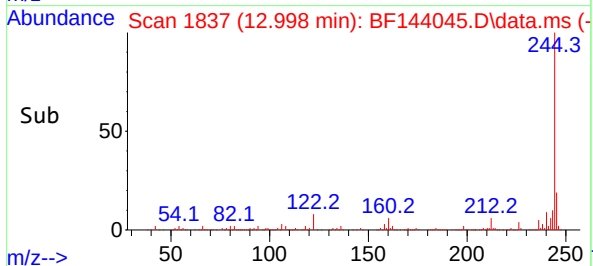
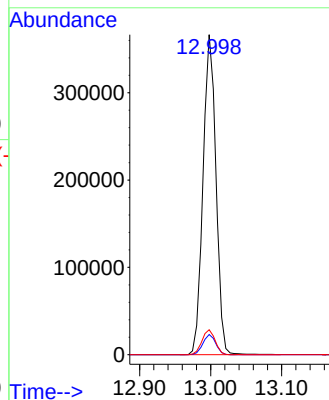
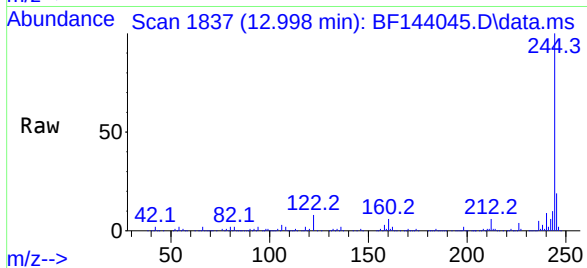
Tgt Ion:244 Resp: 466140

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 7.8 6.4 9.6



#80

Butylbenzylphthalate

Concen: 45.477 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

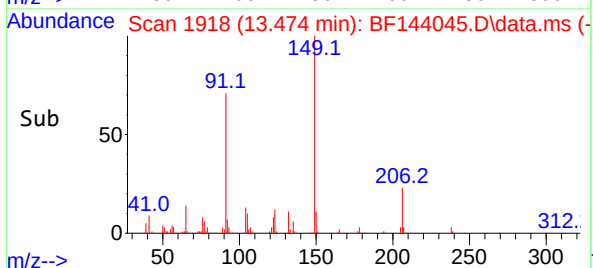
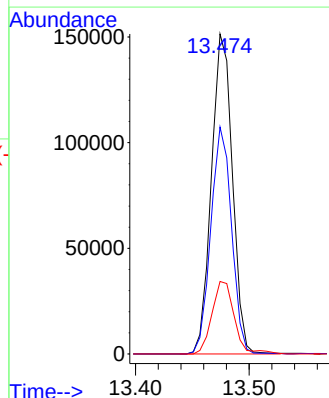
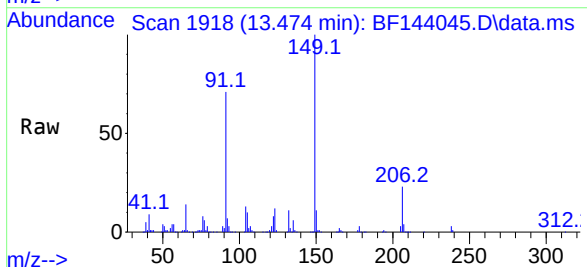
Tgt Ion:149 Resp: 194190

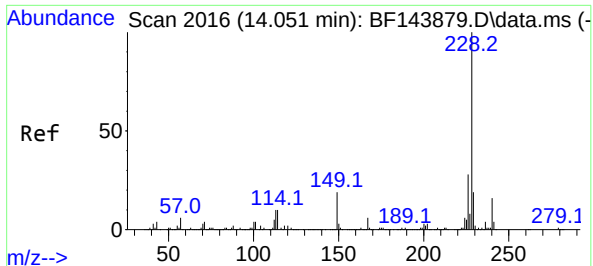
Ion Ratio Lower Upper

149 100

91 70.9 58.2 87.2

206 22.7 17.9 26.9

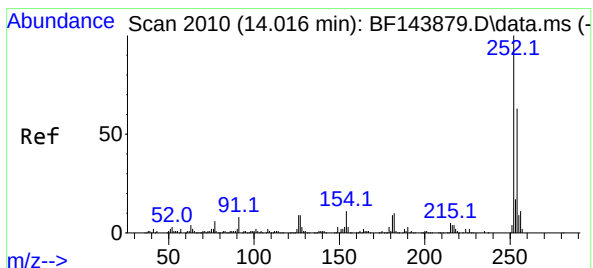
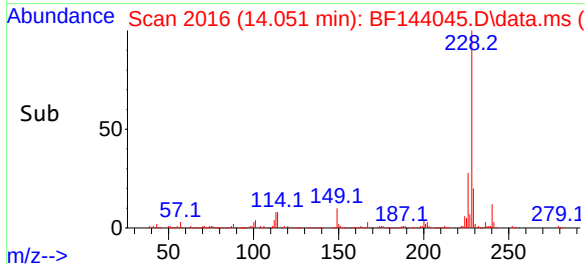
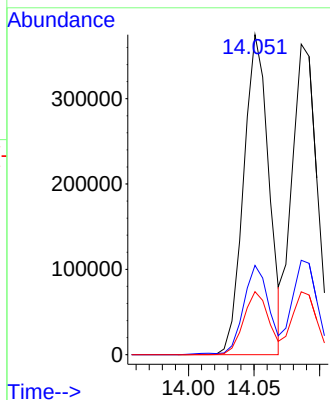
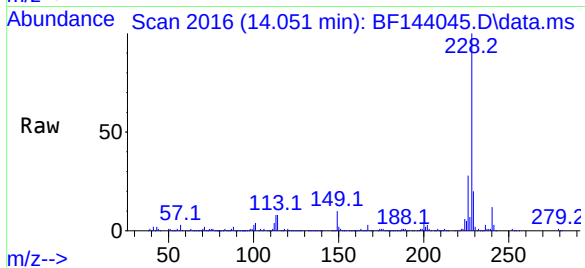




#81  
Benzo(a)anthracene  
Concen: 48.533 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

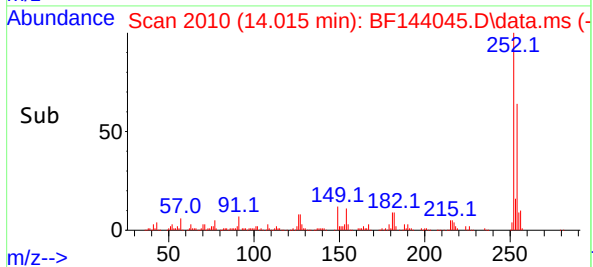
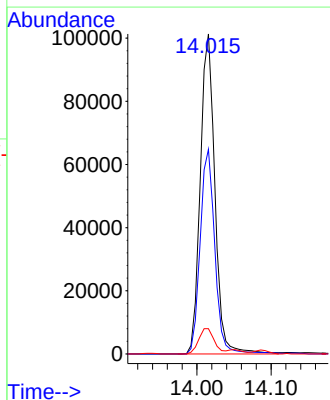
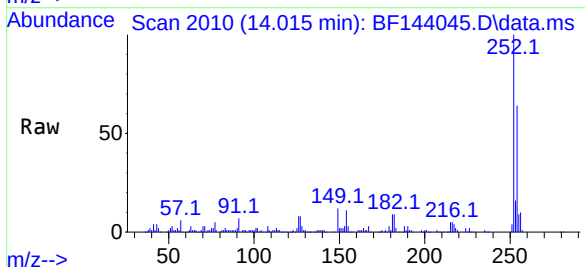
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

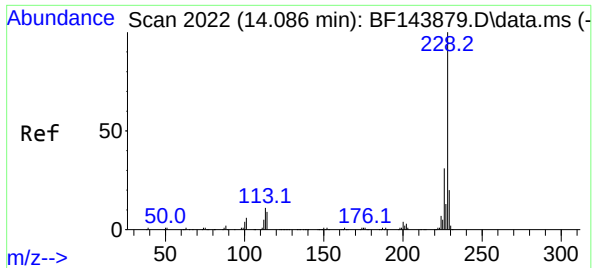
Tgt Ion:228 Resp: 500895  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.2 33.2  
229 19.7 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 44.147 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:252 Resp: 138851  
Ion Ratio Lower Upper  
252 100  
254 63.9 50.6 76.0  
126 7.9 7.0 10.6





#83

Chrysene

Concen: 50.418 ng

RT: 14.086 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

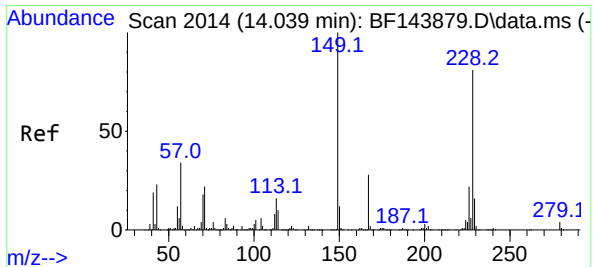
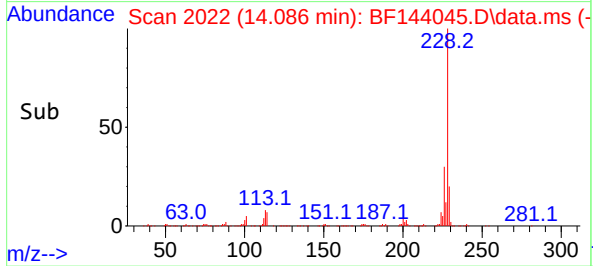
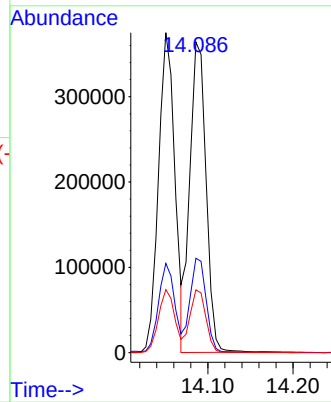
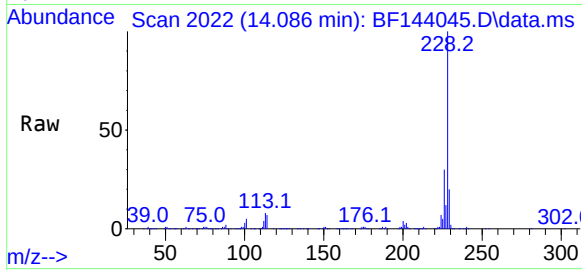
Tgt Ion:228 Resp: 481599

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.185 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

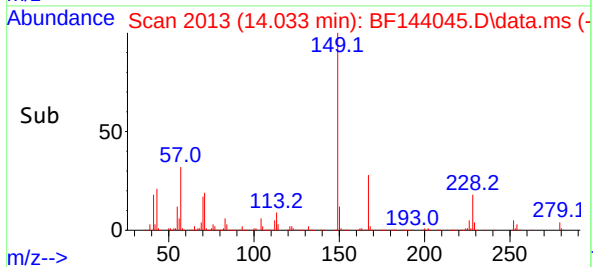
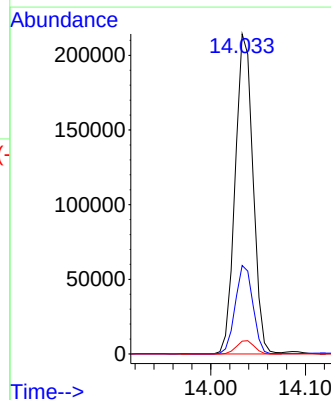
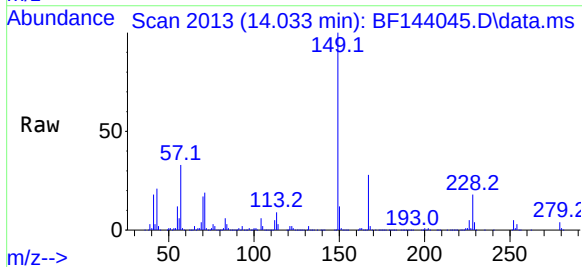
Tgt Ion:149 Resp: 278912

Ion Ratio Lower Upper

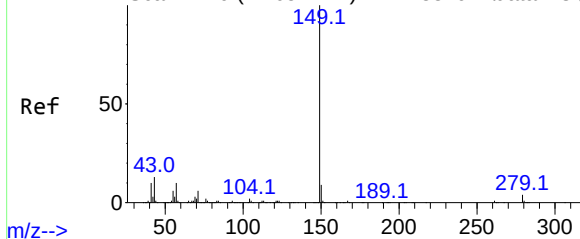
149 100

167 27.7 22.2 33.4

279 4.0 3.1 4.7



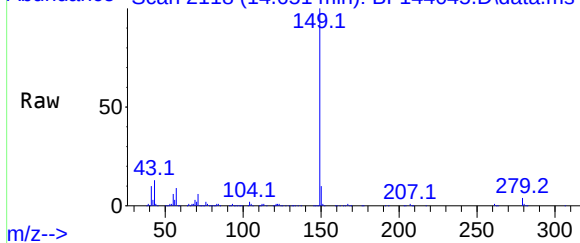
Abundance Scan 2119 (14.657 min): BF143879.D\data.ms (-



#85  
Di-n-octyl phthalate  
Concen: 60.515 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

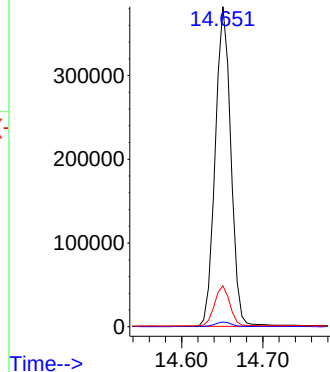
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMS

m/z--&gt; Abundance Scan 2118 (14.651 min): BF144045.D\data.ms (-

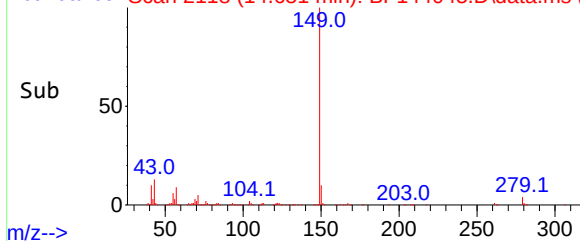


Tgt Ion:149 Resp: 511613  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.1 1.7  
43 12.2 11.0 16.4

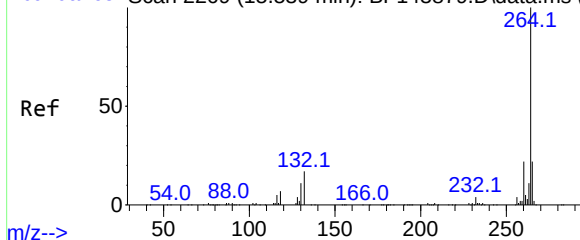
Abundance



m/z--&gt; Abundance Scan 2118 (14.651 min): BF144045.D\data.ms (-



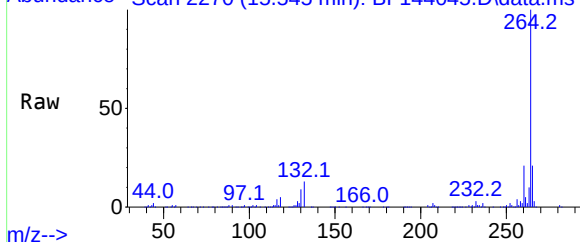
Abundance Scan 2269 (15.539 min): BF143879.D\data.ms (-



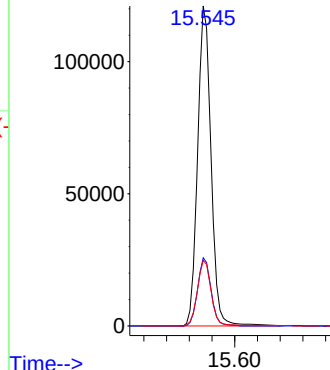
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144045.D  
Acq: 22 Oct 2025 16:48

Tgt Ion:264 Resp: 198777  
Ion Ratio Lower Upper  
264 100  
260 21.3 17.8 26.8  
265 20.5 17.5 26.3

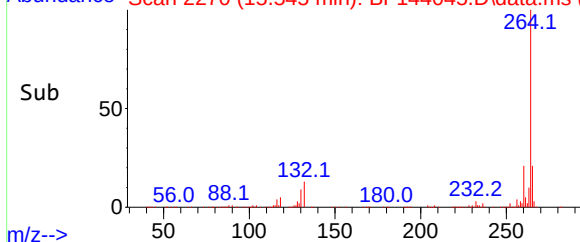
m/z--&gt; Abundance Scan 2270 (15.545 min): BF144045.D\data.ms (-



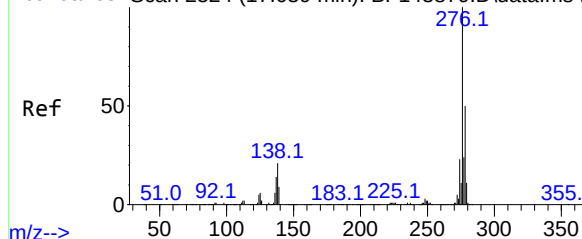
Abundance



m/z--&gt; Abundance Scan 2270 (15.545 min): BF144045.D\data.ms (-



Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.045 ng

RT: 17.056 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:276 Resp: 499925

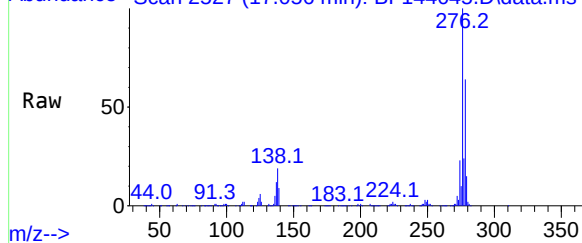
Ion Ratio Lower Upper

276 100

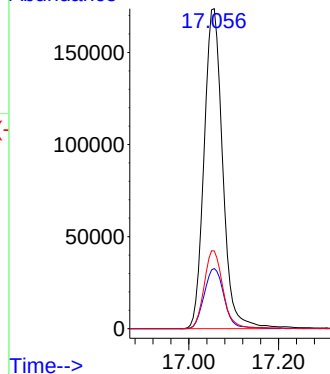
138 20.3 18.2 27.2

277 24.8 19.8 29.6

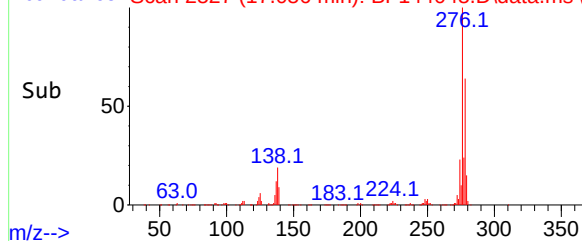
Abundance Scan 2527 (17.056 min): BF144045.D\data.ms



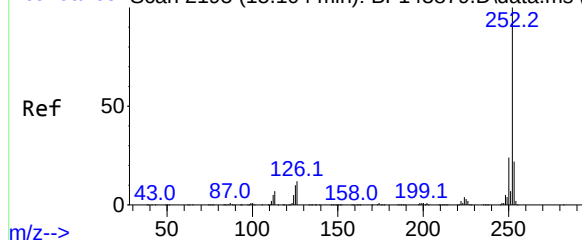
Abundance



Abundance Scan 2527 (17.056 min): BF144045.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 50.322 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:252 Resp: 574593

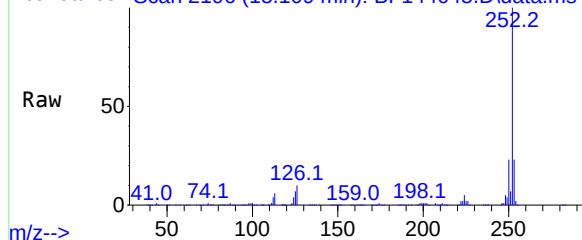
Ion Ratio Lower Upper

252 100

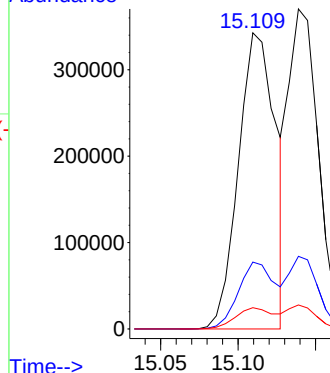
253 22.6 17.4 26.2

125 7.2 7.8 11.6#

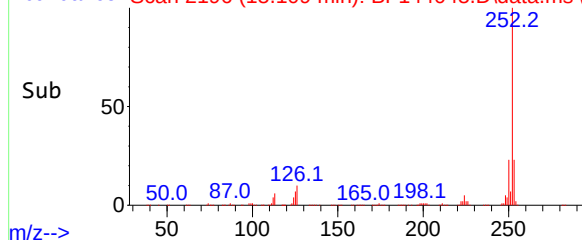
Abundance Scan 2196 (15.109 min): BF144045.D\data.ms



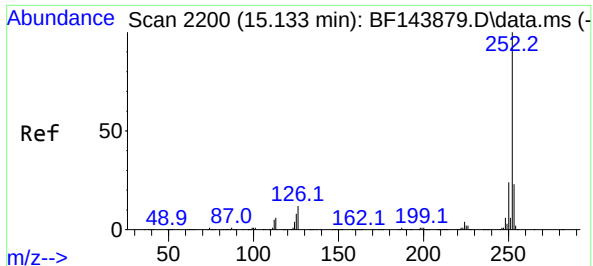
Abundance



Abundance Scan 2196 (15.109 min): BF144045.D\data.ms (-







#89

Benzo(k)fluoranthene

Concen: 47.538 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

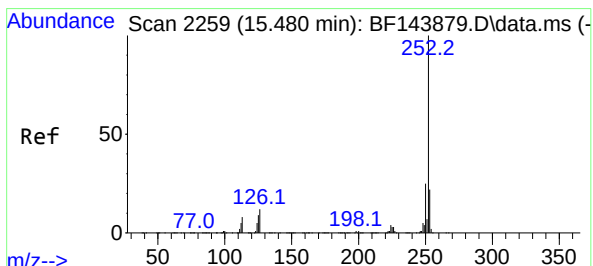
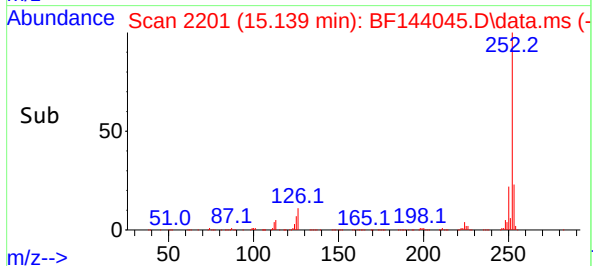
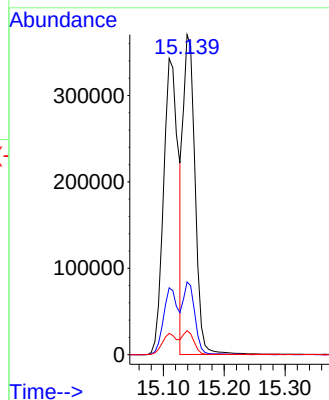
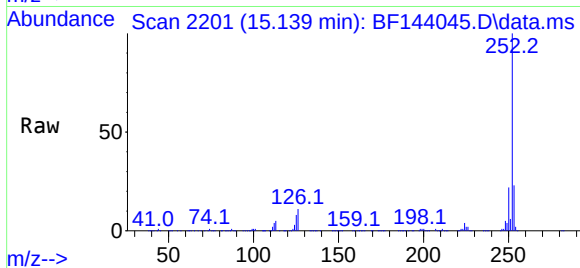
Tgt Ion:252 Resp: 502266

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 7.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.626 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

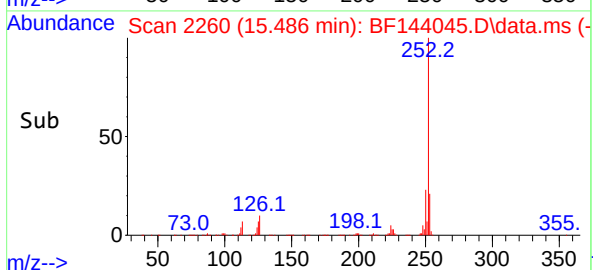
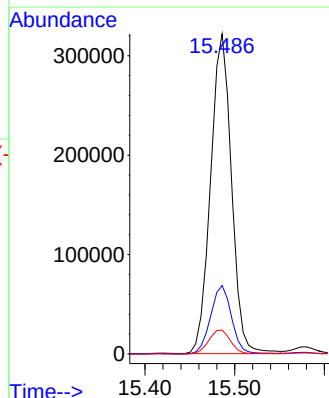
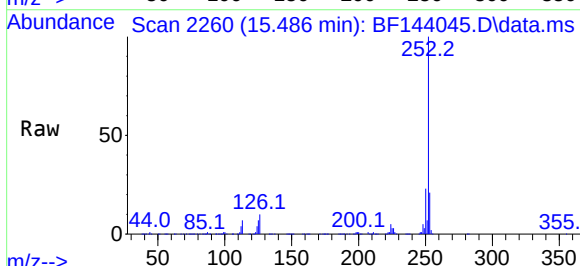
Tgt Ion:252 Resp: 521045

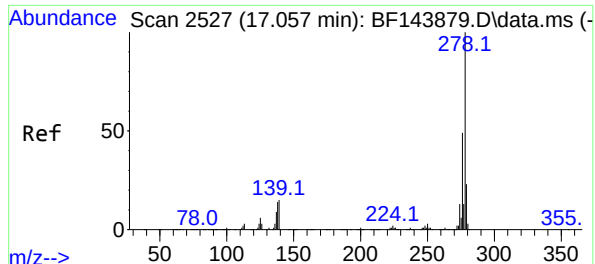
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 7.5 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 42.425 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMS

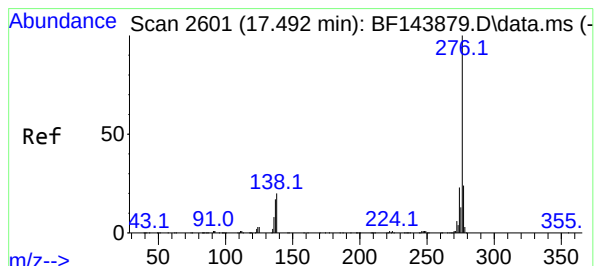
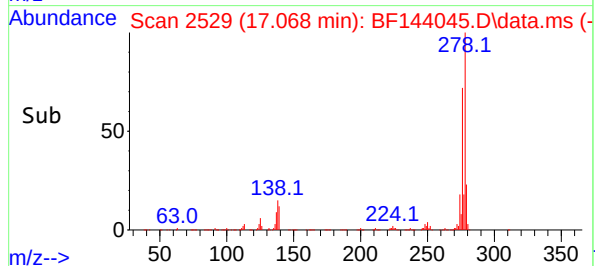
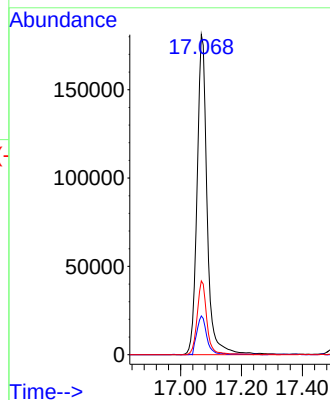
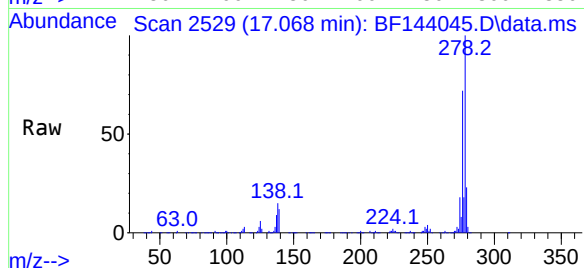
Tgt Ion:278 Resp: 415588

Ion Ratio Lower Upper

278 100

139 12.1 11.7 17.5

279 23.1 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 38.195 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

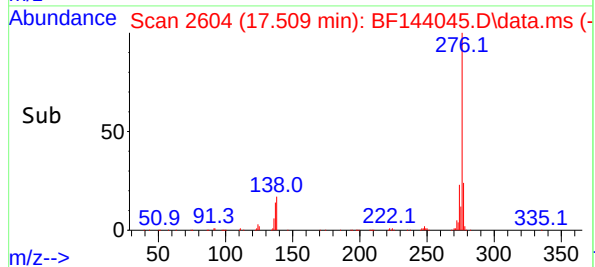
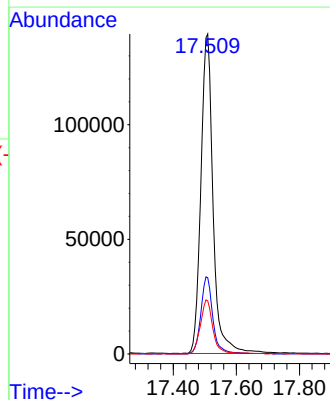
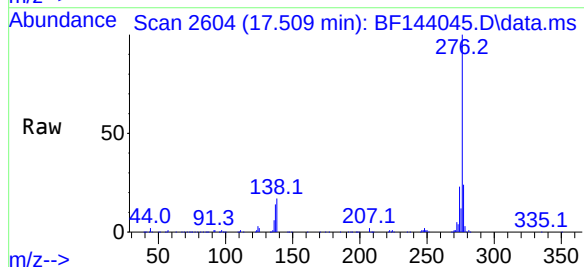
Tgt Ion:276 Resp: 374153

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 16.6 16.1 24.1





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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: COMP-ROLLOFFMSD  
Lab Sample ID: Q3399-01MSD  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.06 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25  
Date Received: 10/20/25  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 89.9  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 990   |      | 1  | 170  | 300  | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 108-95-2       | Phenol                      | 1700  |      | 1  | 24.5 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1600  |      | 1  | 27.0 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 95-57-8        | 2-Chlorophenol              | 1800  |      | 1  | 27.1 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 95-48-7        | 2-Methylphenol              | 1700  |      | 1  | 33.2 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1400  |      | 1  | 41.6 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 98-86-2        | Acetophenone                | 2000  |      | 1  | 32.7 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 65794-96-9     | 3+4-Methylphenols           | 1700  |      | 1  | 45.6 | 300  | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1700  |      | 1  | 52.6 | 88.8 | 88.8       | ug/Kg | 10/22/25 17:17 | PB170206     |
| 67-72-1        | Hexachloroethane            | 1900  |      | 1  | 19.5 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 98-95-3        | Nitrobenzene                | 1900  |      | 1  | 20.3 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 78-59-1        | Isophorone                  | 1700  |      | 1  | 36.4 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 88-75-5        | 2-Nitrophenol               | 2100  |      | 1  | 64.6 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 105-67-9       | 2,4-Dimethylphenol          | 2000  |      | 1  | 71.9 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1700  |      | 1  | 34.2 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 120-83-2       | 2,4-Dichlorophenol          | 1800  |      | 1  | 31.4 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 91-20-3        | Naphthalene                 | 1800  |      | 1  | 25.2 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 106-47-8       | 4-Chloroaniline             | 760   |      | 1  | 39.3 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 87-68-3        | Hexachlorobutadiene         | 2100  |      | 1  | 28.1 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 105-60-2       | Caprolactam                 | 1700  |      | 1  | 57.8 | 300  | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1800  |      | 1  | 31.9 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 91-57-6        | 2-Methylnaphthalene         | 1700  |      | 1  | 28.4 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 77-47-4        | Hexachlorocyclopentadiene   | 2800  |      | 1  | 130  | 300  | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1900  |      | 1  | 22.0 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 2000  |      | 1  | 32.3 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 92-52-4        | 1,1-Biphenyl                | 2100  |      | 1  | 24.2 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 91-58-7        | 2-Chloronaphthalene         | 1900  |      | 1  | 25.0 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 88-74-4        | 2-Nitroaniline              | 1900  |      | 1  | 53.4 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 131-11-3       | Dimethylphthalate           | 1900  |      | 1  | 30.1 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 208-96-8       | Acenaphthylene              | 2100  |      | 1  | 32.1 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 606-20-2       | 2,6-Dinitrotoluene          | 2200  |      | 1  | 37.3 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 99-09-2        | 3-Nitroaniline              | 1300  |      | 1  | 51.1 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 83-32-9        | Acenaphthene                | 1900  |      | 1  | 23.6 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 51-28-5        | 2,4-Dinitrophenol           | 2800  |      | 1  | 250  | 300  | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 100-02-7       | 4-Nitrophenol               | 3000  | E    | 1  | 120  | 300  | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 132-64-9       | Dibenzofuran                | 1800  |      | 1  | 25.2 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 121-14-2       | 2,4-Dinitrotoluene          | 2100  |      | 1  | 55.6 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 84-66-2        | Diethylphthalate            | 1900  |      | 1  | 31.4 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1900  |      | 1  | 29.6 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 86-73-7        | Fluorene                    | 1900  |      | 1  | 28.1 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 100-01-6       | 4-Nitroaniline              | 1800  |      | 1  | 71.3 | 140  | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 2200  |      | 1  | 110  | 300  | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |



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

## Report of Analysis

Client: ICE Service Group, Inc.  
Project: NWIRP Northrup Grumman Site – Bethpage, NY  
Client Sample ID: COMP-ROLLOFFMSD  
Lab Sample ID: Q3399-01MSD  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.06 g Final Vol: 1000 uL  
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25  
Date Received: 10/20/25  
SDG No.: Q3399  
Matrix: SOIL  
% Solid: 89.9  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOD | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|-----|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 1900  |      | 1  | 36.5 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2000  |      | 1  | 30.9 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 118-74-1   | Hexachlorobenzene          | 2000  |      | 1  | 28.1 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 1912-24-9  | Atrazine                   | 2100  |      | 1  | 37.7 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 87-86-5    | Pentachlorophenol          | 3500  | E    | 1  | 56.9 | 300 | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 85-01-8    | Phenanthrene               | 1900  |      | 1  | 23.2 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 120-12-7   | Anthracene                 | 1900  |      | 1  | 37.0 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 86-74-8    | Carbazole                  | 1900  |      | 1  | 34.6 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 84-74-2    | Di-n-butylphthalate        | 1900  |      | 1  | 53.2 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 206-44-0   | Fluoranthene               | 2000  |      | 1  | 33.3 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 129-00-0   | Pyrene                     | 1400  |      | 1  | 40.0 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 85-68-7    | Butylbenzylphthalate       | 1800  |      | 1  | 79.3 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1700  |      | 1  | 40.7 | 300 | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 56-55-3    | Benzo(a)anthracene         | 1900  |      | 1  | 25.5 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 218-01-9   | Chrysene                   | 2000  |      | 1  | 22.1 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 2100  |      | 1  | 65.7 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 117-84-0   | Di-n-octyl phthalate       | 2300  |      | 1  | 96.4 | 300 | 370        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 205-99-2   | Benzo(b)fluoranthene       | 1900  |      | 1  | 21.1 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 207-08-9   | Benzo(k)fluoranthene       | 1800  |      | 1  | 24.9 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 50-32-8    | Benzo(a)pyrene             | 2000  |      | 1  | 32.7 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1500  |      | 1  | 32.3 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1600  |      | 1  | 30.4 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 191-24-2   | Benzo(g,h,i)perylene       | 1400  |      | 1  | 28.5 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 2300  |      | 1  | 28.4 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 123-91-1   | 1,4-Dioxane                | 1700  |      | 1  | 50.2 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 2000  |      | 1  | 30.4 | 140 | 190        | ug/Kg | 10/22/25 17:17 | PB170206     |

### SURROGATES

|            |                      |      |   |  |          |     |          |
|------------|----------------------|------|---|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 95.5 |   |  | 35 - 115 | 64% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 89.5 |   |  | 34 - 127 | 60% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 68.4 |   |  | 37 - 122 | 68% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 67.5 |   |  | 44 - 115 | 68% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 105  |   |  | 39 - 132 | 70% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 53.4 | * |  | 54 - 127 | 53% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 52400  |
| 1146-65-2  | Naphthalene-d8         | 194000 |
| 15067-26-2 | Acenaphthene-d10       | 100000 |
| 1517-22-2  | Phenanthrene-d10       | 162000 |
| 1719-03-5  | Chrysene-d12           | 141000 |
| 1520-96-3  | Perylene-d12           | 186000 |



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

## Report of Analysis

|                    |                                            |                 |                  |
|--------------------|--------------------------------------------|-----------------|------------------|
| Client:            | ICE Service Group, Inc.                    | Date Collected: | 10/20/25         |
| Project:           | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received:  | 10/20/25         |
| Client Sample ID:  | COMP-ROLLOFFMSD                            | SDG No.:        | Q3399            |
| Lab Sample ID:     | Q3399-01MSD                                | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                      | % Solid:        | 89.9             |
|                    | Level : LOW                                | Test:           | SVOC-TCL BNA -20 |
| Sample Wt/Vol:     | 30.06 g                                    |                 |                  |
|                    | Final Vol: 1000 uL                         |                 |                  |
| Prep Method :      | SW3510C                                    |                 |                  |
|                    | Prep Date: 10/22/25                        |                 |                  |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144046.D  
 Acq On : 22 Oct 2025 17:17  
 Operator : RC/JU  
 Sample : Q3399-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-ROLLOFFMSD

Quant Time: Oct 22 17:39:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 52405    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 194453   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.922  | 164  | 100404   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 161809   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 140916   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 186035   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 315008   | 95.454  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 351883   | 89.457  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 218945   | 68.407  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 105331   | 105.326 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 427316   | 67.531  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 440266   | 53.397  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 70292    | 46.029  | ng    | 93       |
| 3) Pyridine                   | 3.446  | 79   | 184153   | 41.423  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.393  | 42   | 116488   | 49.810  | ng    | 93       |
| 6) Aniline                    | 6.546  | 93   | 184778   | 31.348  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 154648   | 47.941  | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 81335    | 26.805  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 216329   | 46.001  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 159431   | 43.888  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 195541   | 50.640  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 198566   | 52.132  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 187864   | 51.493  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 146036   | 49.550  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 318759   | 38.549  | ng    | 94       |
| 17) 2-Methylphenol            | 7.134  | 107  | 124908   | 46.853  | ng    | 97       |
| 18) Hexachloroethane          | 7.393  | 117  | 66169    | 52.091  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 120112   | 44.609  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 145482   | 47.084  | ng    | # 75     |
| 22) Acetophenone              | 7.287  | 105  | 225071   | 54.741  | ng    | 94       |
| 24) Nitrobenzene              | 7.463  | 77   | 179684   | 50.554  | ng    | 98       |
| 25) Isophorone                | 7.698  | 82   | 308671   | 45.738  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 87540    | 57.447  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 146086   | 53.293  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 190792   | 44.755  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 140538   | 49.220  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 152155   | 54.183  | ng    | 99       |
| 31) Naphthalene               | 8.187  | 128  | 431571   | 48.790  | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 87243    | 45.987  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 68144    | 20.541  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 110530   | 56.642  | ng    | 98       |
| 35) Caprolactam               | 8.592  | 113  | 41937    | 46.192  | ng    | # 86     |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 130088   | 47.430  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 263894   | 44.787  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 263614   | 46.124  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 171355   | 61.749  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 85794    | 74.523  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 101629   | 50.123  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144046.D  
 Acq On : 22 Oct 2025 17:17  
 Operator : RC/JU  
 Sample : Q3399-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-ROLLOFFMSD

Quant Time: Oct 22 17:39:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 113337   | 52.895 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 376138   | 56.582 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 282045   | 50.887 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 88874    | 50.718 | ng    | 92       |
| 49) Acenaphthylene            | 9.781  | 152  | 439452   | 56.398 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 331215   | 51.947 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 69184    | 58.515 | ng    | 97       |
| 52) Acenaphthene              | 9.957  | 154  | 266069   | 52.111 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 51718    | 35.724 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 54749    | 75.499 | ng    | 98       |
| 55) Dibenzofuran              | 10.128 | 168  | 357723   | 49.633 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 89855    | 81.974 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 90072    | 55.991 | ng    | 98       |
| 58) Fluorene                  | 10.469 | 166  | 272501   | 50.106 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 83810    | 55.256 | ng    | 96       |
| 60) Diethylphthalate          | 10.339 | 149  | 300982   | 50.812 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 148610   | 51.685 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 66690    | 47.905 | ng    | 92       |
| 63) Azobenzene                | 10.622 | 77   | 305202   | 49.299 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 47428    | 58.328 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 262951   | 51.755 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 97379    | 54.455 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 114279   | 55.200 | ng    | 96       |
| 69) Atrazine                  | 11.104 | 200  | 85947    | 55.813 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 113635   | 95.571 | ng    | 97       |
| 71) Phenanthrene              | 11.439 | 178  | 392636   | 50.052 | ng    | 98       |
| 72) Anthracene                | 11.486 | 178  | 403806   | 50.954 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 361127   | 51.452 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 427855   | 52.597 | ng    | 99       |
| 75) Fluoranthene              | 12.628 | 202  | 444101   | 54.808 | ng    | 97       |
| 77) Benzidine                 | 12.751 | 184  | 182031   | 37.203 | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 460135   | 39.167 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.475 | 149  | 182101   | 47.728 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 472894   | 51.281 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 132609   | 47.187 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 459269   | 53.811 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 258590   | 56.225 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 478725   | 63.374 | ng    | # 97     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.051 | 276  | 468814   | 41.127 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 549352   | 51.407 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 484648   | 49.012 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 490198   | 52.902 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 390451   | 42.589 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 352371   | 38.435 | ng    | 97       |

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

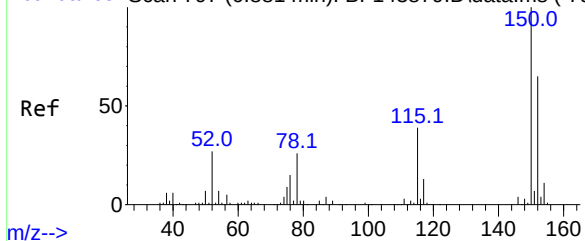


**Instrument :**  
BNA\_F  
**ClientSampleId :**  
COMP-ROLLOFFMSD

[illegible]



Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)

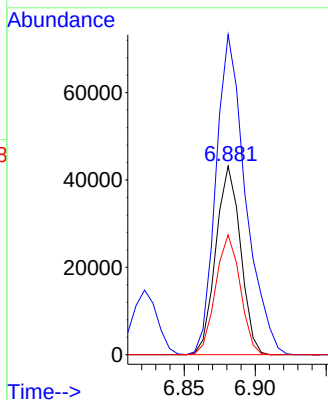
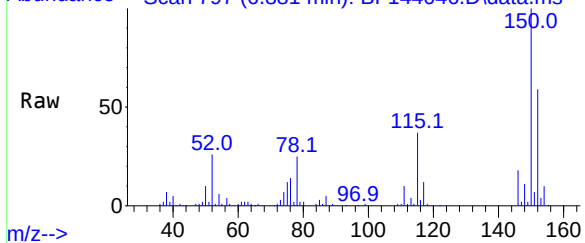


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

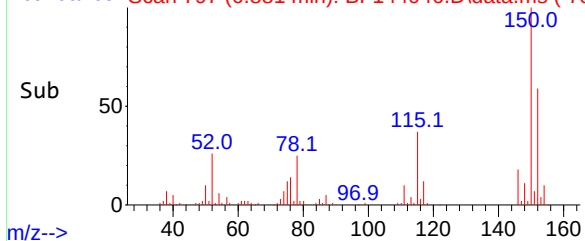
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 169.7 | 124.4 | 186.6 |
| 115     | 63.5  | 48.1  | 72.1  |

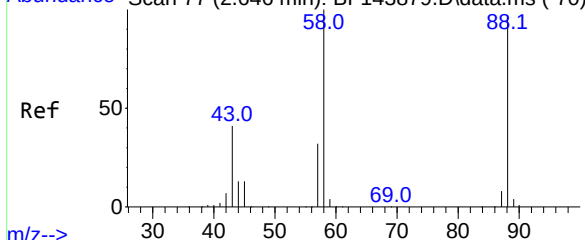
Abundance Scan 797 (6.881 min): BF144046.D\data.ms



Abundance Scan 797 (6.881 min): BF144046.D\data.ms (-78)



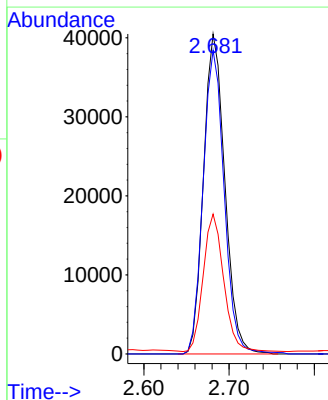
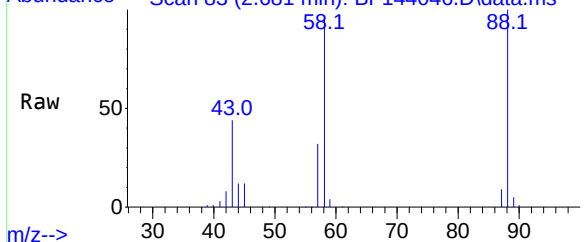
Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)



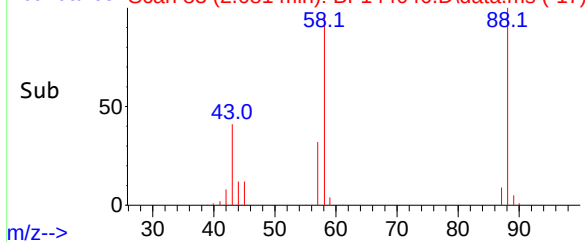
#2  
1,4-Dioxane  
Concen: 46.029 ng  
RT: 2.681 min Scan# 83  
Delta R.T. 0.036 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

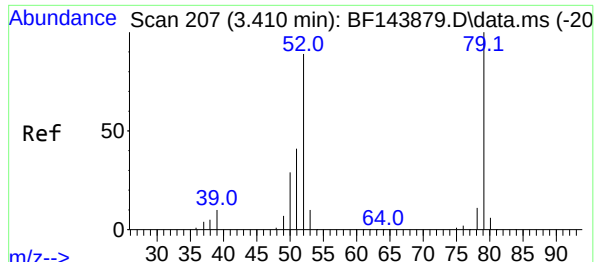
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.9  | 83.0  | 124.6 |
| 43      | 41.2  | 33.9  | 50.9  |

Abundance Scan 83 (2.681 min): BF144046.D\data.ms



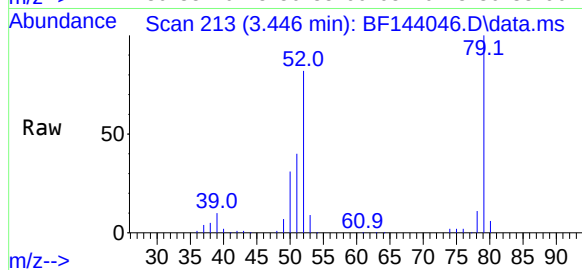
Abundance Scan 83 (2.681 min): BF144046.D\data.ms (-17)



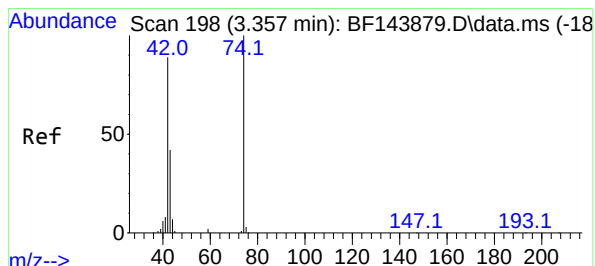
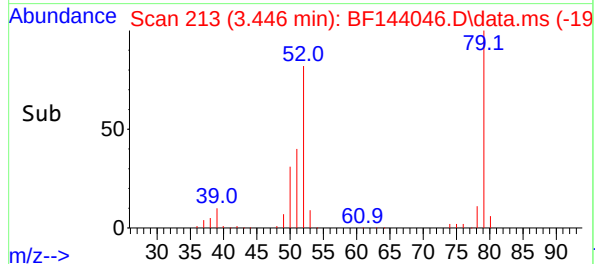
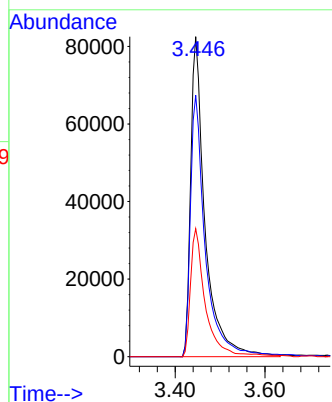


#3  
Pyridine  
Concen: 41.423 ng  
RT: 3.446 min Scan# 213  
Delta R.T. 0.030 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

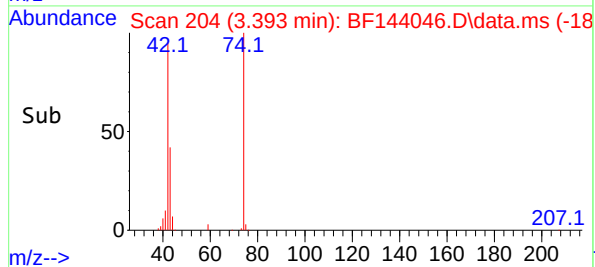
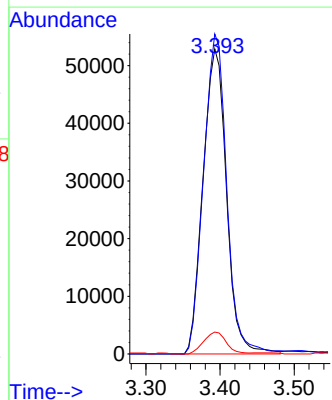
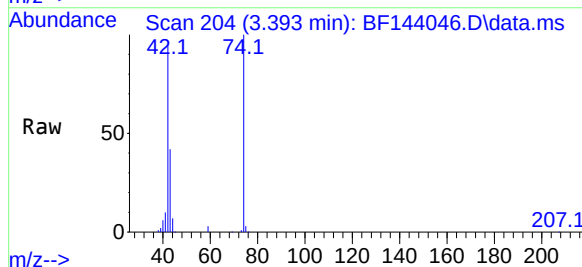


Tgt Ion: 79 Resp: 184153  
Ion Ratio Lower Upper  
79 100  
52 81.7 71.5 107.3  
51 40.0 32.9 49.3

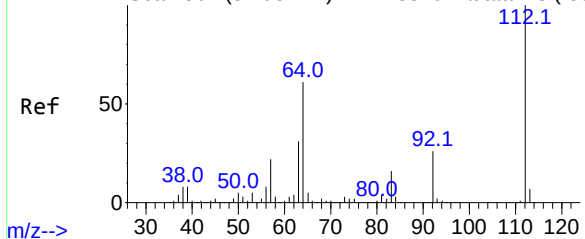


#4  
n-Nitrosodimethylamine  
Concen: 49.810 ng  
RT: 3.393 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion: 42 Resp: 116488  
Ion Ratio Lower Upper  
42 100  
74 104.9 90.0 135.0  
44 7.2 6.2 9.2



Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



#5

2-Fluorophenol

Concen: 95.454 ng

RT: 5.499 min Scan# 5

Delta R.T. 0.000 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:112 Resp: 315008

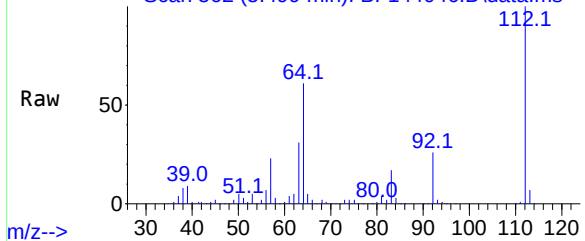
Ion Ratio Lower Upper

112 100

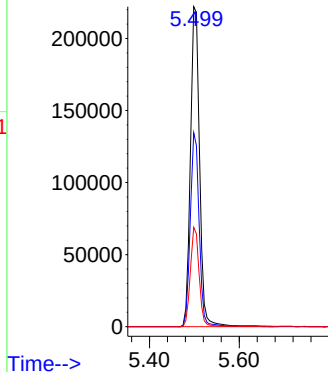
64 60.6 49.1 73.7

63 31.1 24.5 36.7

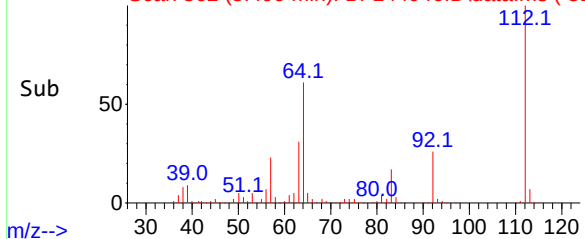
Abundance Scan 562 (5.499 min): BF144046.D\data.ms



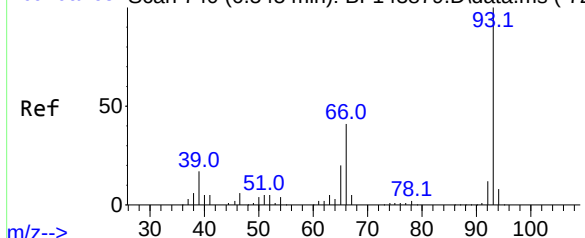
Abundance



Abundance Scan 562 (5.499 min): BF144046.D\data.ms (-51



Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



#6

Aniline

Concen: 31.348 ng

RT: 6.546 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion: 93 Resp: 184778

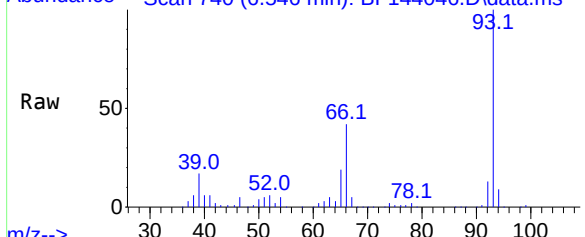
Ion Ratio Lower Upper

93 100

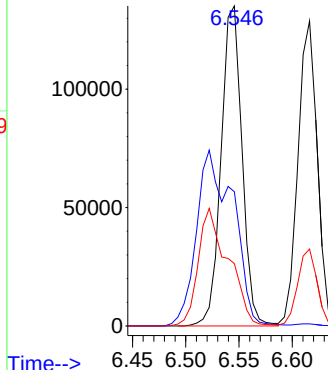
66 41.9 33.0 49.6

65 19.5 15.8 23.8

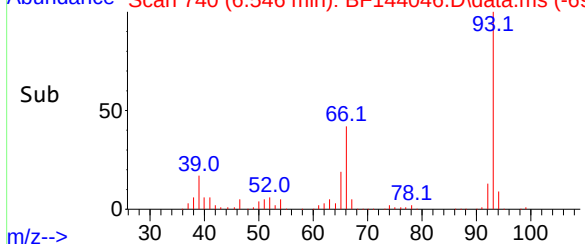
Abundance Scan 740 (6.546 min): BF144046.D\data.ms

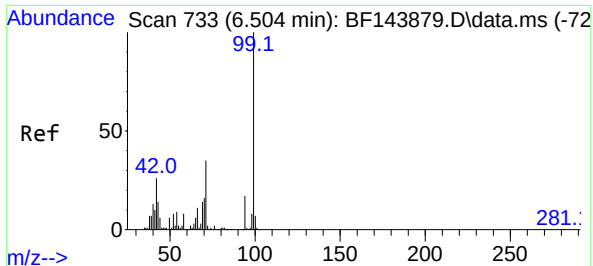


Abundance



Abundance Scan 740 (6.546 min): BF144046.D\data.ms (-69

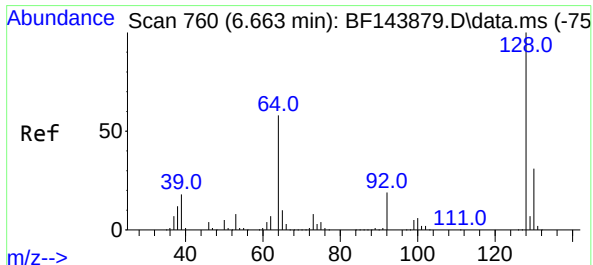
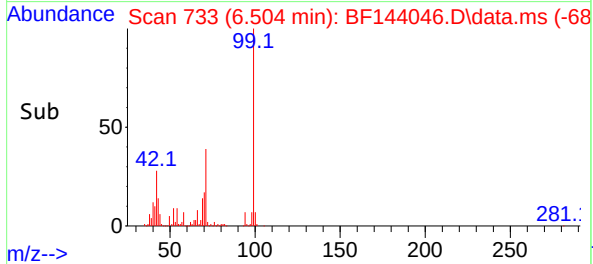
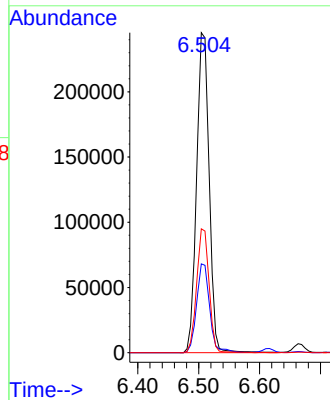
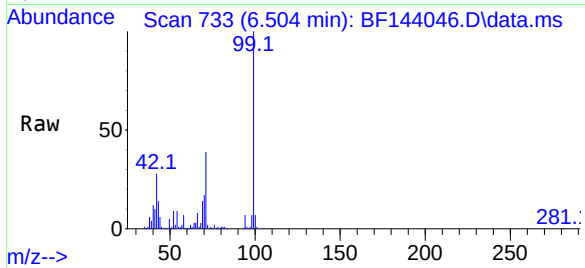




#7  
Phenol-d6  
Concen: 89.457 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

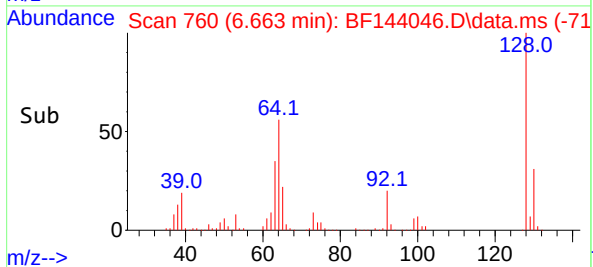
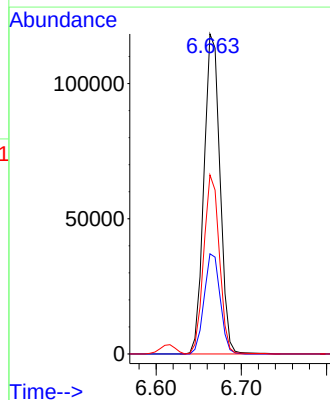
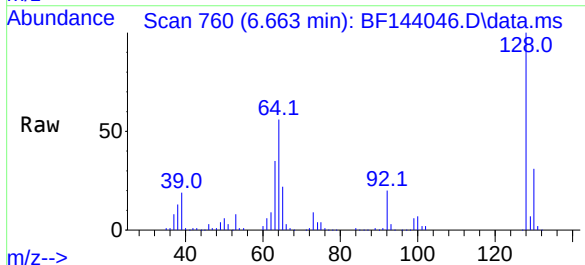
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

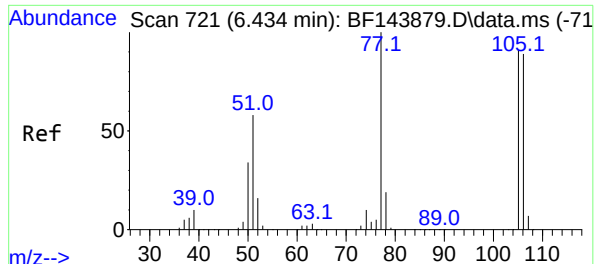
Tgt Ion: 99 Resp: 351883  
Ion Ratio Lower Upper  
99 100  
42 27.8 21.0 31.4  
71 38.7 27.8 41.8



#8  
2-Chlorophenol  
Concen: 47.941 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion: 128 Resp: 154648  
Ion Ratio Lower Upper  
128 100  
130 31.3 10.7 50.7  
64 55.9 39.0 79.0

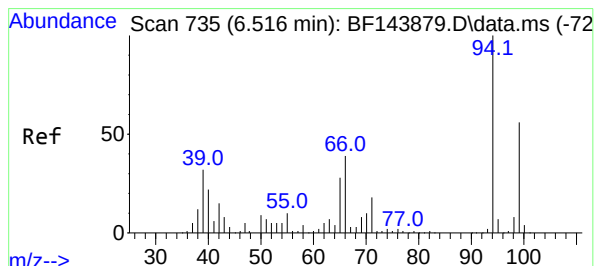
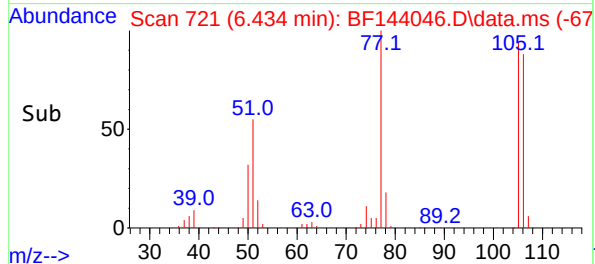
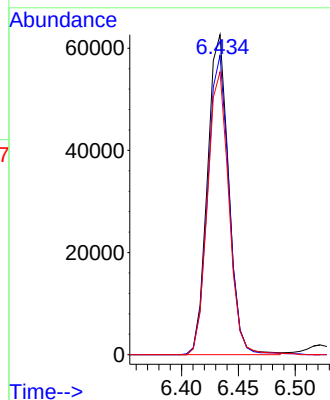
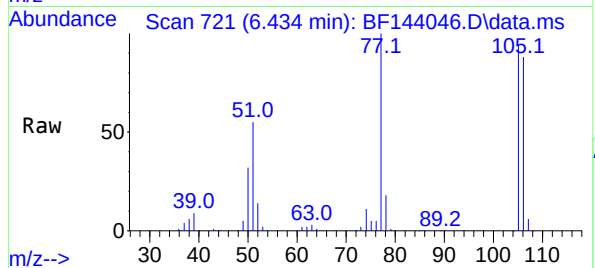




#9  
Benzaldehyde  
Concen: 26.805 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

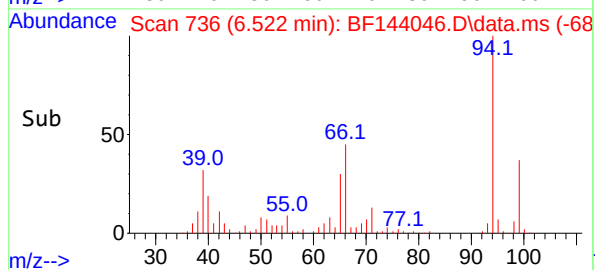
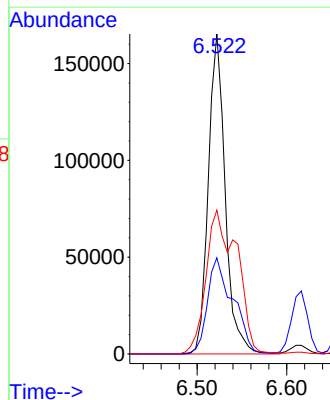
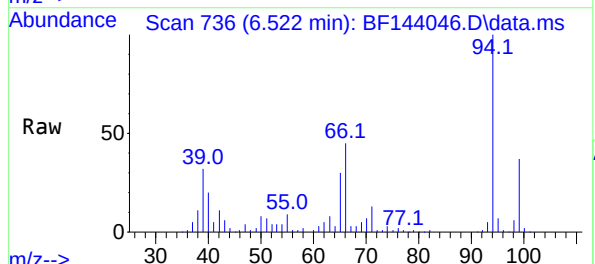
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

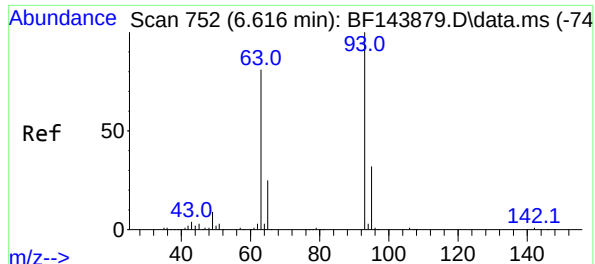
Tgt Ion: 77 Resp: 81335  
Ion Ratio Lower Upper  
77 100  
105 93.6 70.9 110.9  
106 88.4 68.9 108.9



#10  
Phenol  
Concen: 46.001 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion: 94 Resp: 216329  
Ion Ratio Lower Upper  
94 100  
65 30.1 8.5 48.5  
66 44.9 19.9 59.9

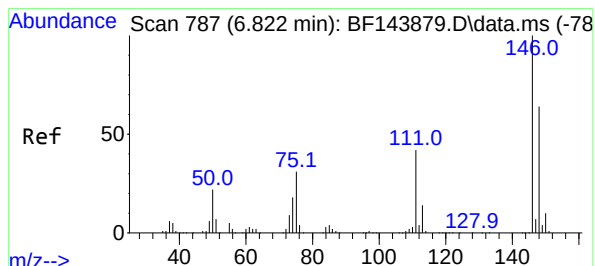
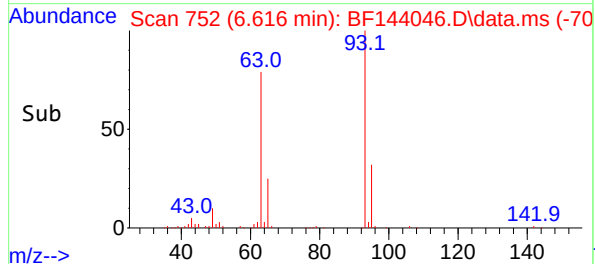
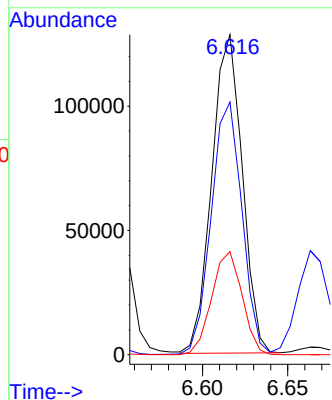
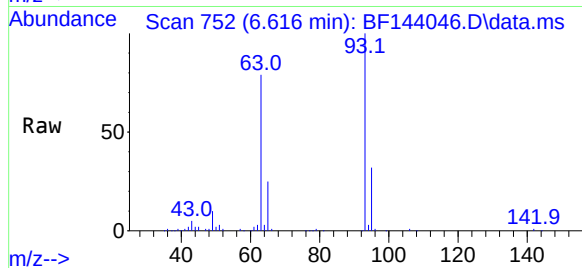




#11  
bis(2-Chloroethyl)ether  
Concen: 43.888 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

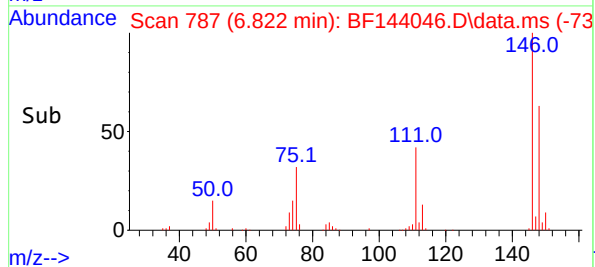
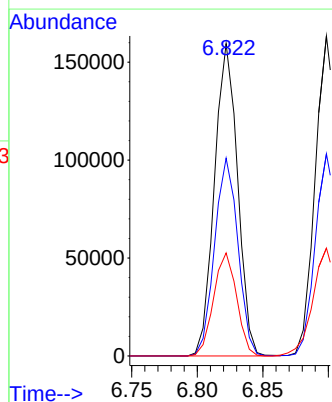
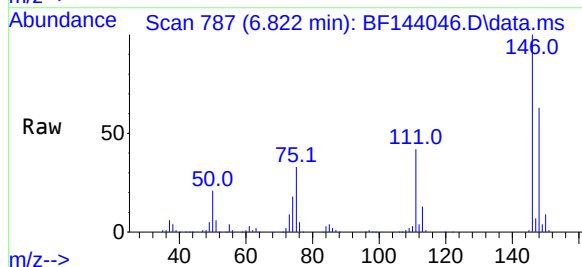
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

Tgt Ion: 93 Resp: 159431  
Ion Ratio Lower Upper  
93 100  
63 79.0 60.9 100.9  
95 32.2 11.5 51.5

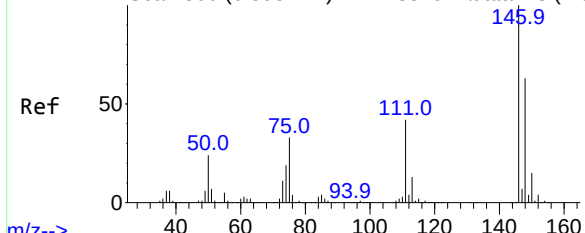


#12  
1,3-Dichlorobenzene  
Concen: 50.640 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:146 Resp: 195541  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.0 76.4  
75 33.0 24.9 37.3

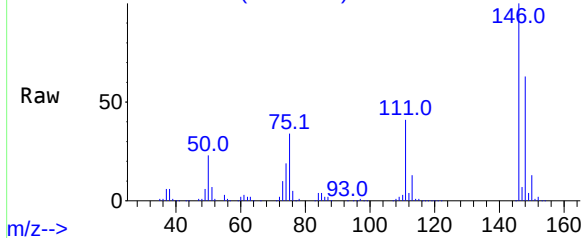


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



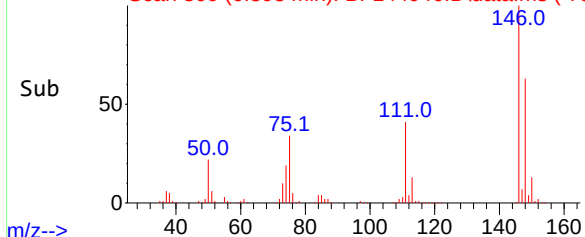
m/z--&gt;

Abundance Scan 800 (6.898 min): BF144046.D\data.ms



m/z--&gt;

Abundance Scan 800 (6.898 min): BF144046.D\data.ms (-75



m/z--&gt;

#13

1,4-Dichlorobenzene

Concen: 52.132 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

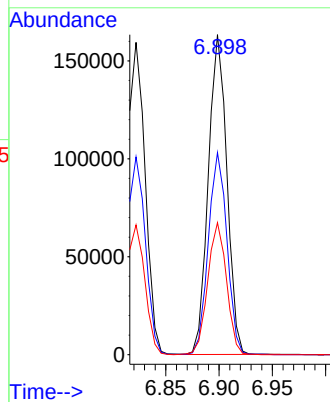
Tgt Ion:146 Resp: 198566

Ion Ratio Lower Upper

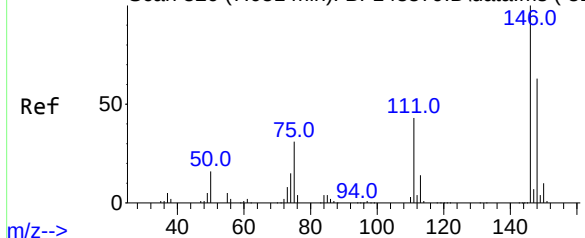
146 100

148 63.1 50.5 75.7

111 41.3 33.4 50.0

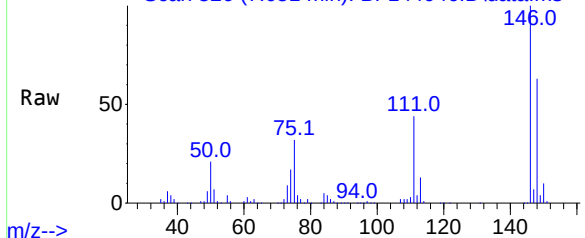


Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



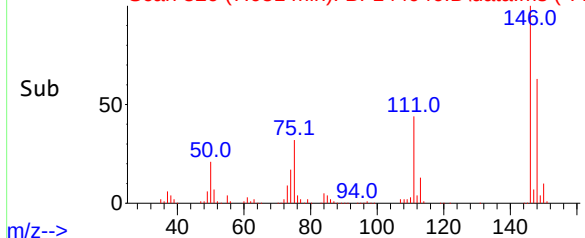
m/z--&gt;

Abundance Scan 826 (7.051 min): BF144046.D\data.ms



m/z--&gt;

Abundance Scan 826 (7.051 min): BF144046.D\data.ms (-77



m/z--&gt;

#14

1,2-Dichlorobenzene

Concen: 51.493 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

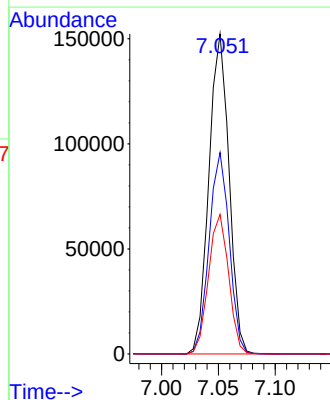
Tgt Ion:146 Resp: 187864

Ion Ratio Lower Upper

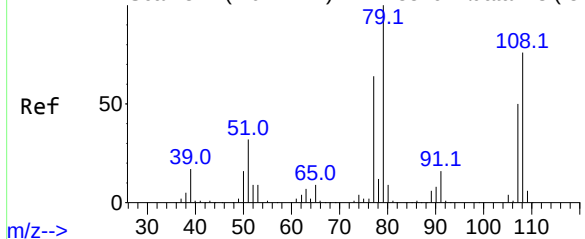
146 100

148 62.9 50.6 75.8

111 43.6 34.6 51.8



Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



#15

Benzyl Alcohol

Concen: 49.550 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion: 79 Resp: 146036

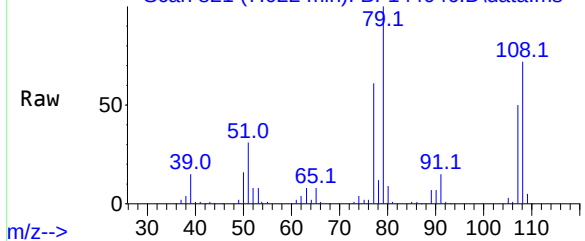
Ion Ratio Lower Upper

79 100

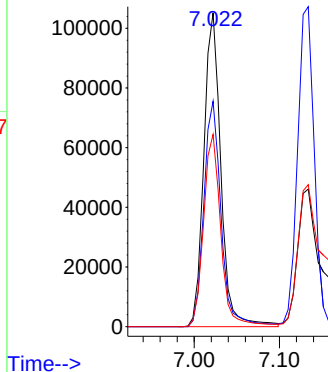
108 71.9 60.8 91.2

77 61.3 51.0 76.6

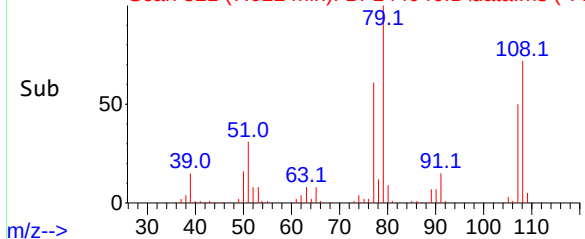
Abundance Scan 821 (7.022 min): BF144046.D\data.ms



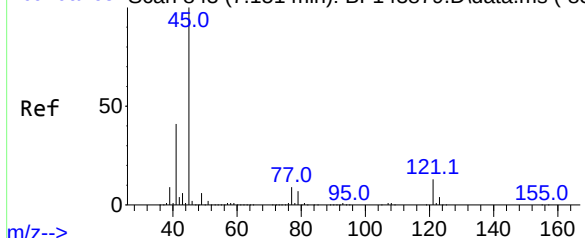
Abundance



Abundance Scan 821 (7.022 min): BF144046.D\data.ms (-77



Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.549 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion: 45 Resp: 318759

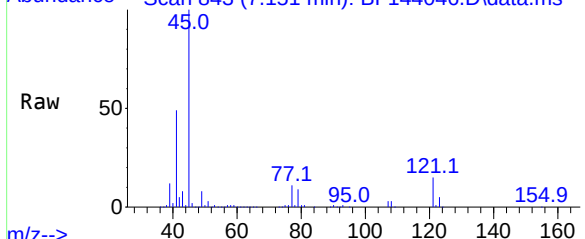
Ion Ratio Lower Upper

45 100

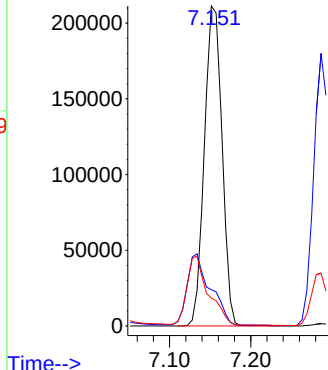
77 11.3 0.0 29.0

79 8.7 0.0 26.8

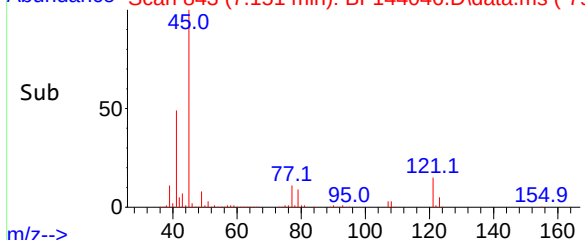
Abundance Scan 843 (7.151 min): BF144046.D\data.ms



Abundance

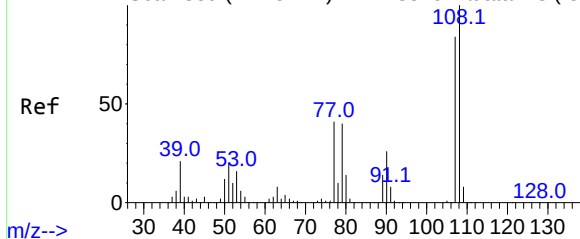


Abundance Scan 843 (7.151 min): BF144046.D\data.ms (-79





Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83



#17

2-Methylphenol

Concen: 46.853 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

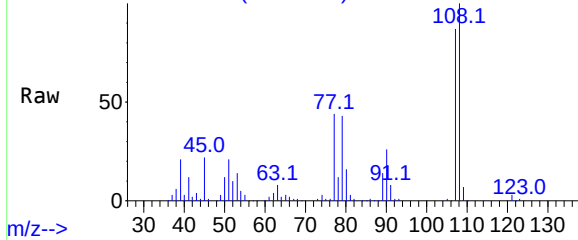
Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Abundance Scan 840 (7.134 min): BF144046.D\data.ms



Tgt Ion:107 Resp: 124908

Ion Ratio Lower Upper

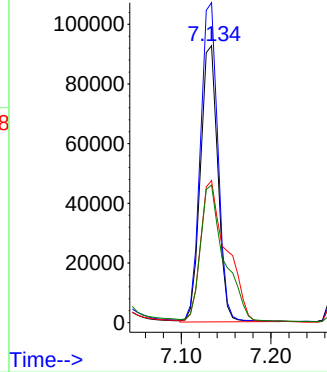
107 100

108 115.5 94.7 142.1

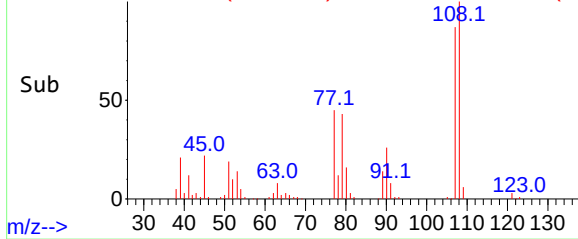
77 51.3 38.8 58.2

79 49.7 38.3 57.5

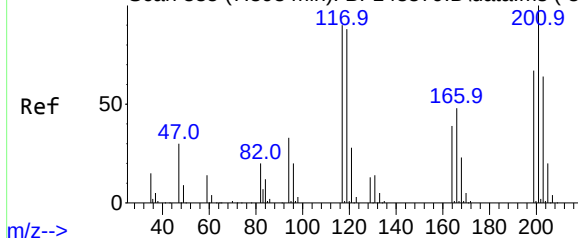
Abundance



Abundance Scan 840 (7.134 min): BF144046.D\data.ms (-78



Abundance Scan 885 (7.398 min): BF143879.D\data.ms (-87



#18

Hexachloroethane

Concen: 52.091 ng

RT: 7.393 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:117 Resp: 66169

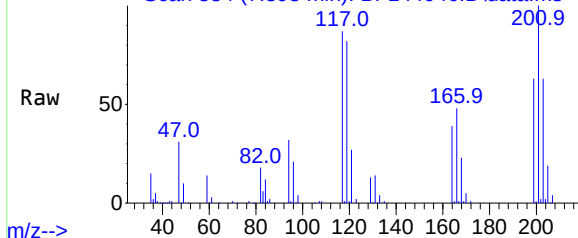
Ion Ratio Lower Upper

117 100

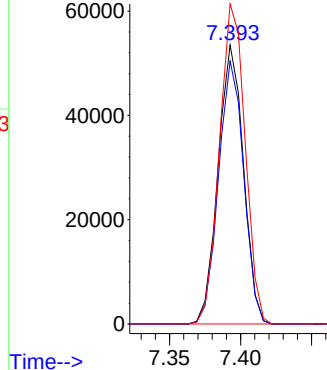
119 94.3 77.8 116.8

201 114.7 88.5 132.7

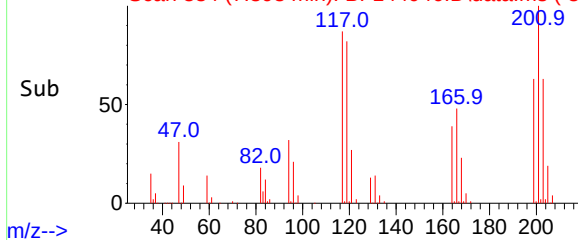
Abundance Scan 884 (7.393 min): BF144046.D\data.ms

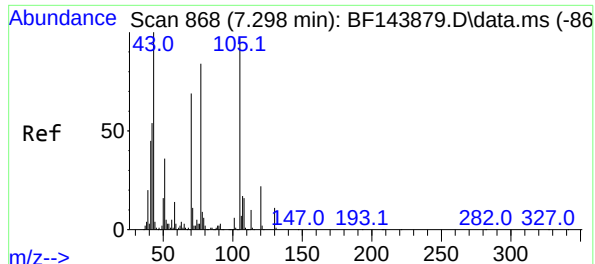


Abundance



Abundance Scan 884 (7.393 min): BF144046.D\data.ms (-83





#19

n-Nitroso-di-n-propylamine

Concen: 44.609 ng

RT: 7.287 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion: 70 Resp: 120112

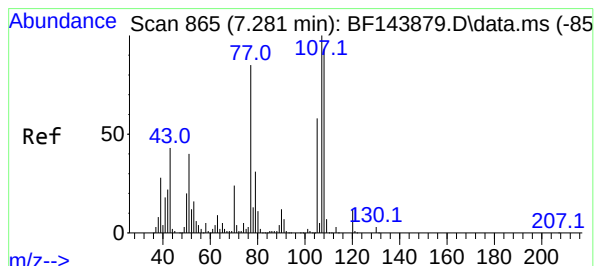
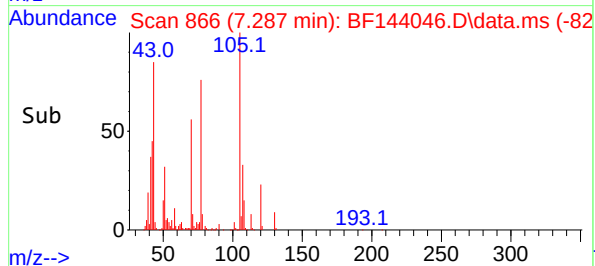
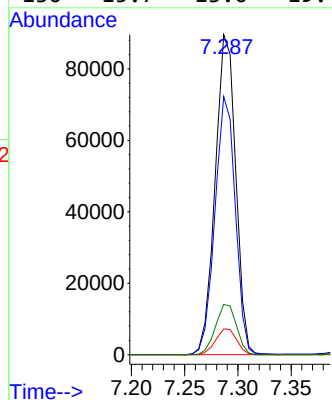
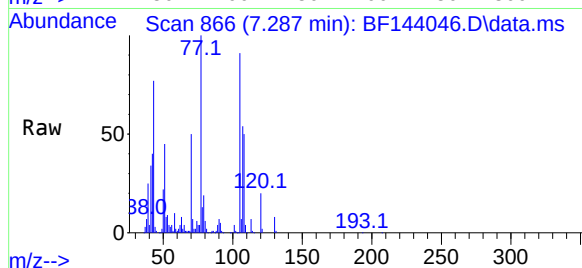
Ion Ratio Lower Upper

70 100

42 80.6 62.8 94.2

101 8.0 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 47.084 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:107 Resp: 145482

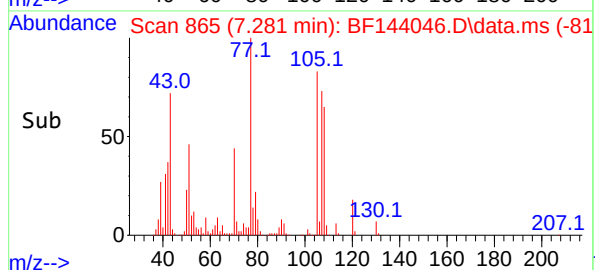
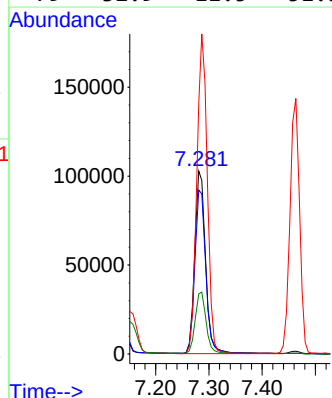
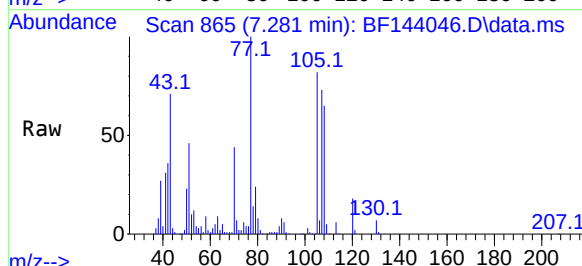
Ion Ratio Lower Upper

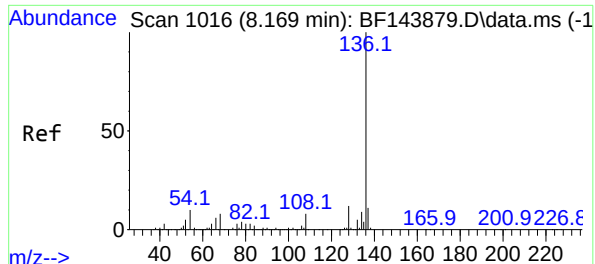
107 100

108 89.6 73.0 113.0

77 136.8 64.6 104.6#

79 32.9 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:136 Resp: 194453

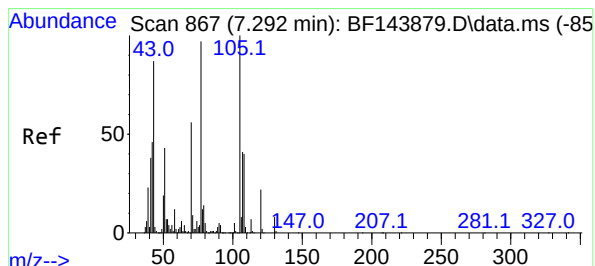
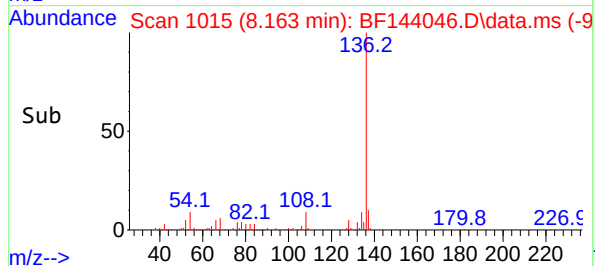
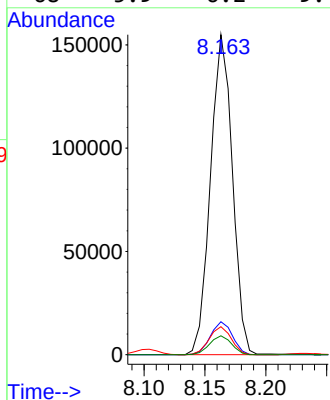
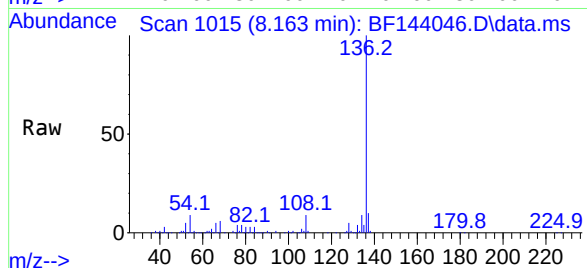
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 8.7 8.2 12.4

68 5.9 6.2 9.4#



#22

Acetophenone

Concen: 54.741 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:105 Resp: 225071

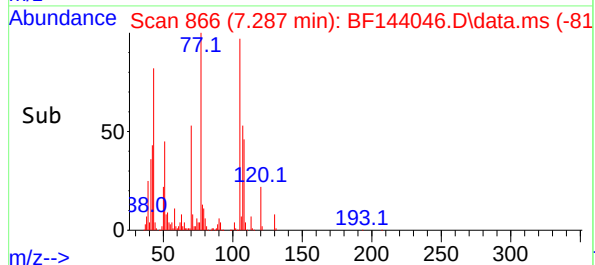
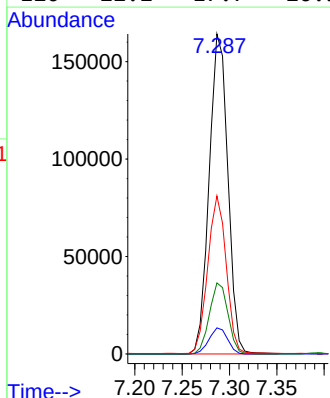
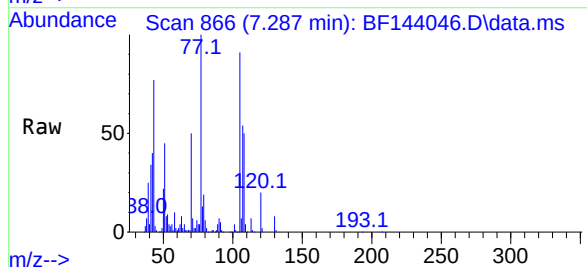
Ion Ratio Lower Upper

105 100

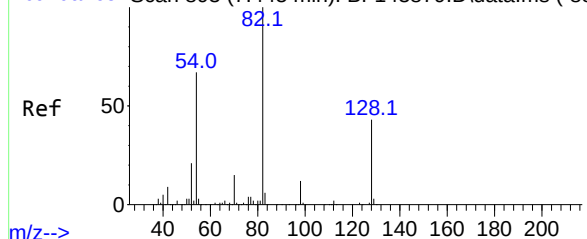
71 8.1 7.4 11.0

51 49.4 34.2 51.4

120 22.2 17.7 26.5



Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 68.407 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

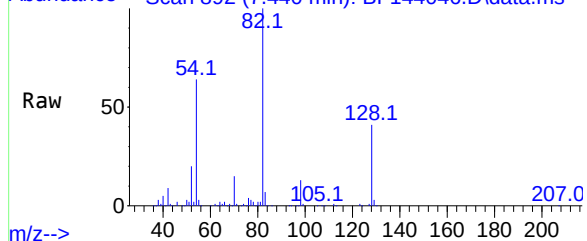
Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Abundance Scan 892 (7.440 min): BF144046.D\data.ms



Tgt Ion: 82 Resp: 218945

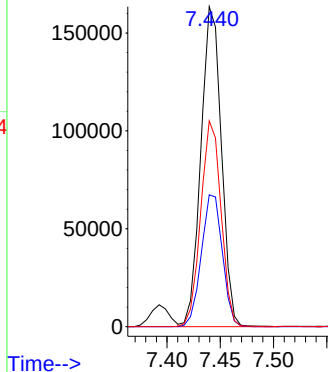
Ion Ratio Lower Upper

82 100

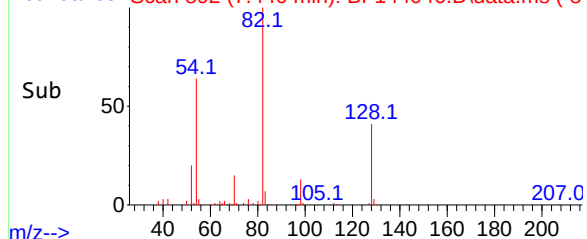
128 41.2 34.0 51.0

54 64.3 53.2 79.8

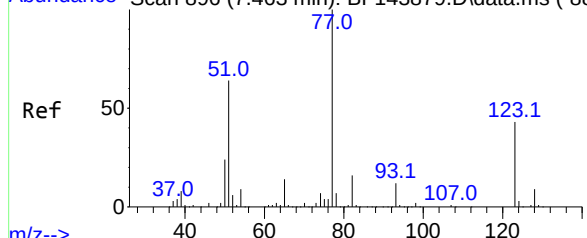
Abundance



Abundance Scan 892 (7.440 min): BF144046.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



#24

Nitrobenzene

Concen: 50.554 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion: 77 Resp: 179684

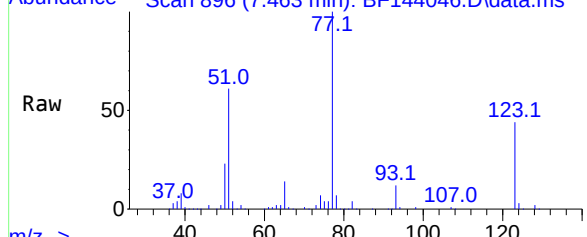
Ion Ratio Lower Upper

77 100

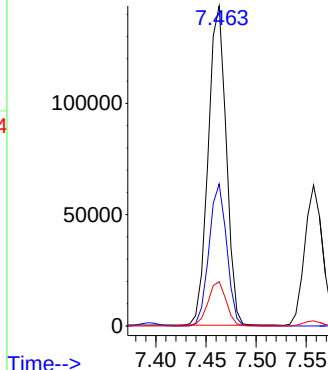
123 44.4 34.2 51.4

65 13.8 11.0 16.6

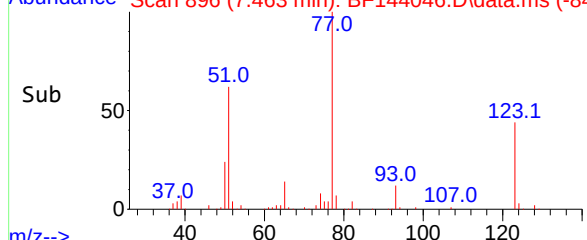
Abundance Scan 896 (7.463 min): BF144046.D\data.ms



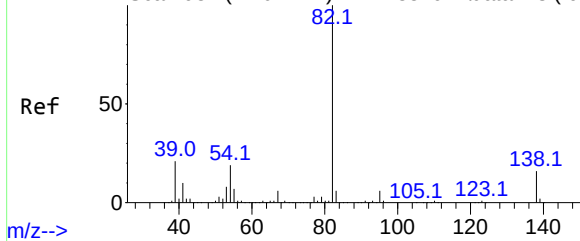
Abundance



Abundance Scan 896 (7.463 min): BF144046.D\data.ms (-84



Abundance Scan 937 (7.704 min): BF143879.D\data.ms (-93)

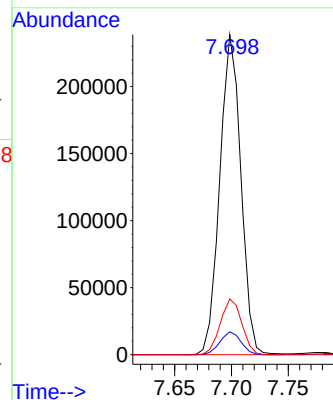
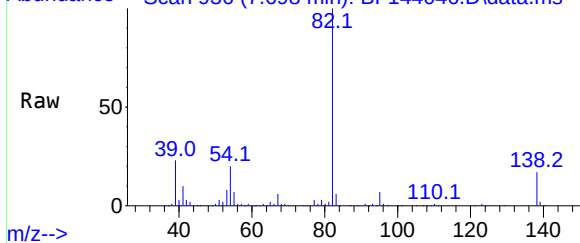


#25  
Isophorone  
Concen: 45.738 ng  
RT: 7.698 min Scan# 91  
Delta R.T. -0.023 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

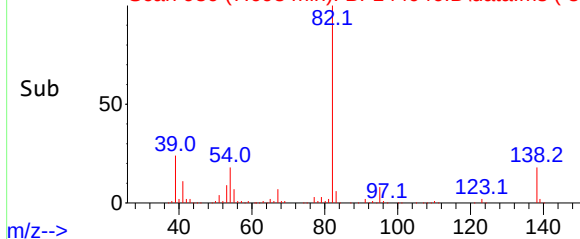
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

Tgt Ion: 82 Resp: 308671  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.1 7.7  
138 17.4 12.9 19.3

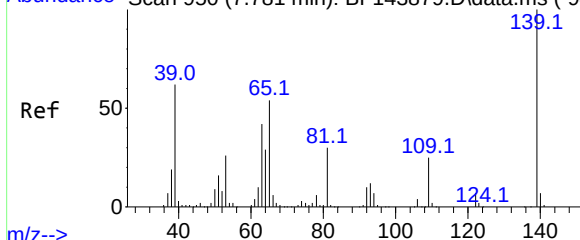
Abundance Scan 936 (7.698 min): BF144046.D\data.ms



Abundance Scan 936 (7.698 min): BF144046.D\data.ms (-88)



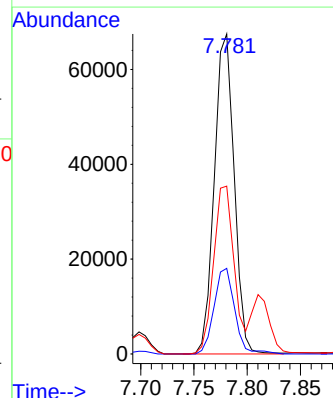
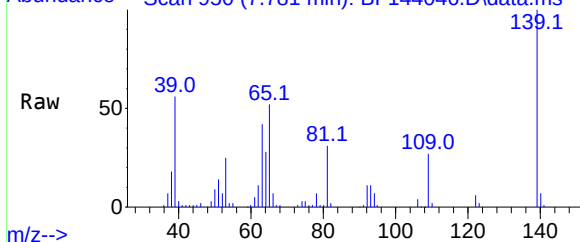
Abundance Scan 950 (7.781 min): BF143879.D\data.ms (-94)



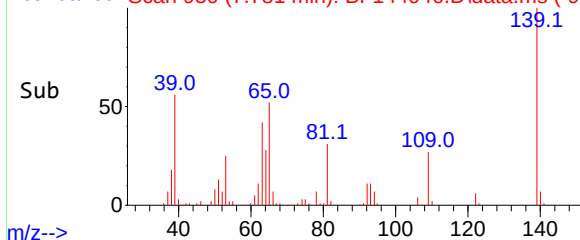
#26  
2-Nitrophenol  
Concen: 57.447 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion: 139 Resp: 87540  
Ion Ratio Lower Upper  
139 100  
109 26.8 19.8 29.6  
65 52.5 42.9 64.3

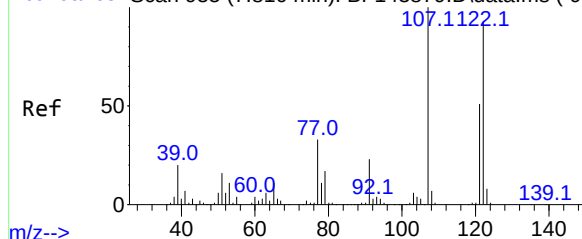
Abundance Scan 950 (7.781 min): BF144046.D\data.ms



Abundance Scan 950 (7.781 min): BF144046.D\data.ms (-90)



Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94



#27

2,4-Dimethylphenol

Concen: 53.293 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

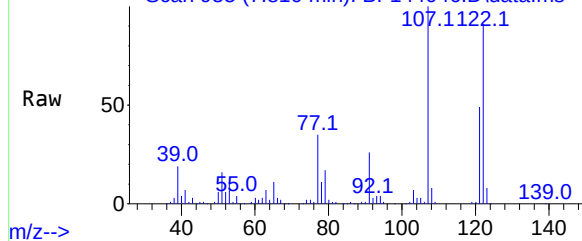
BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

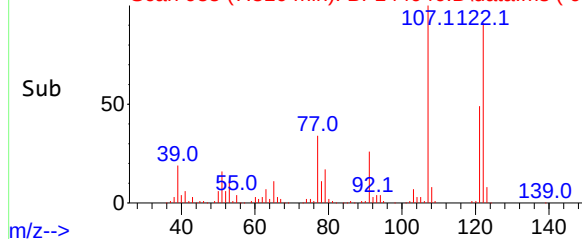
m/z--&gt;

Abundance Scan 955 (7.810 min): BF144046.D\data.ms



m/z--&gt;

Abundance Scan 955 (7.810 min): BF144046.D\data.ms (-90



m/z--&gt;

Tgt Ion:122 Resp: 146086

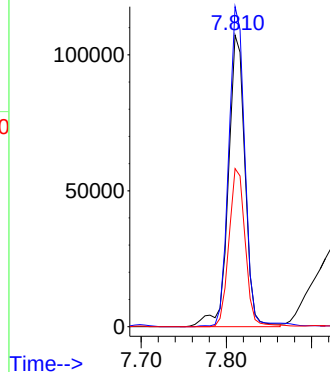
Ion Ratio Lower Upper

122 100

107 109.8 86.1 129.1

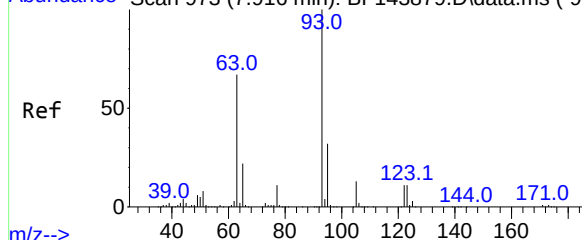
121 54.2 43.8 65.6

Abundance



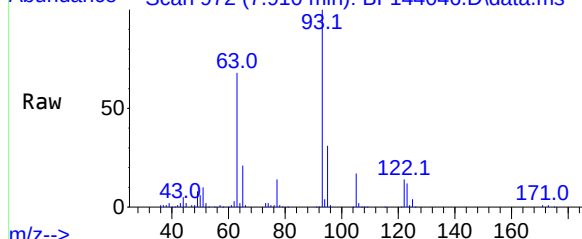
Time--&gt;

Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96



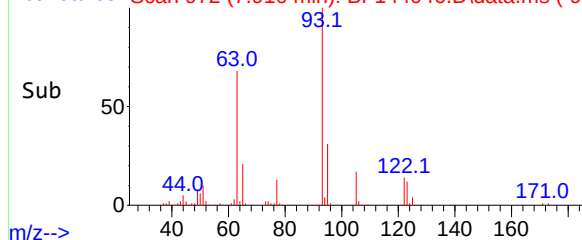
m/z--&gt;

Abundance Scan 972 (7.910 min): BF144046.D\data.ms



m/z--&gt;

Abundance Scan 972 (7.910 min): BF144046.D\data.ms (-92



m/z--&gt;

#28

bis(2-Chloroethoxy)methane

Concen: 44.755 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion: 93 Resp: 190792

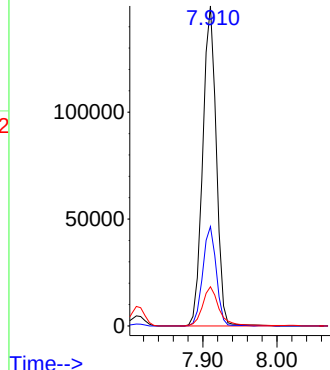
Ion Ratio Lower Upper

93 100

95 31.1 25.9 38.9

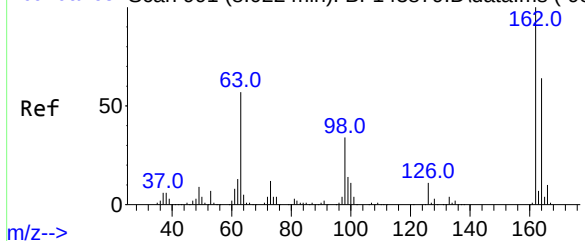
123 12.3 9.4 14.0

Abundance



Time--&gt;

Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 49.220 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

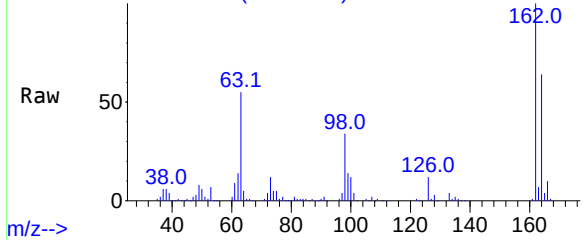
BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

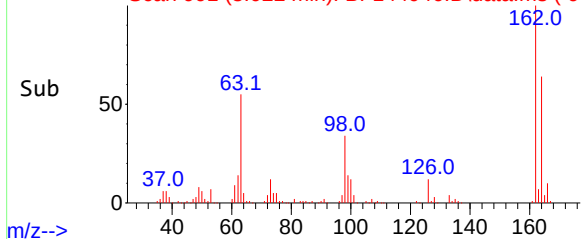
m/z--&gt;

Abundance Scan 991 (8.022 min): BF144046.D\data.ms

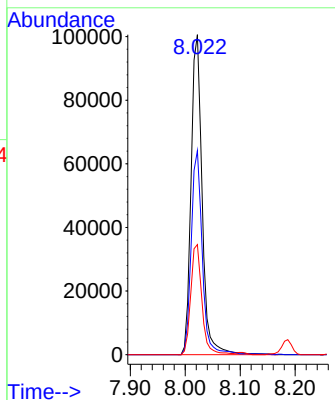


m/z--&gt;

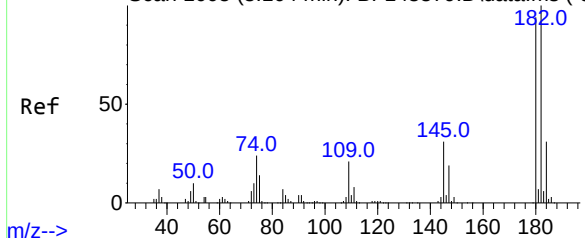
Abundance Scan 991 (8.022 min): BF144046.D\data.ms (-94



m/z--&gt;

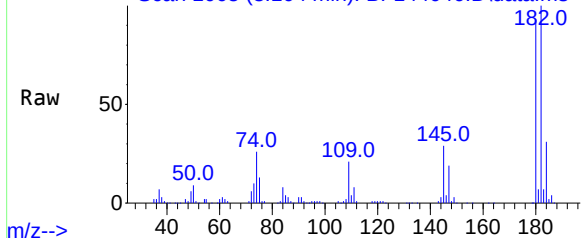


Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



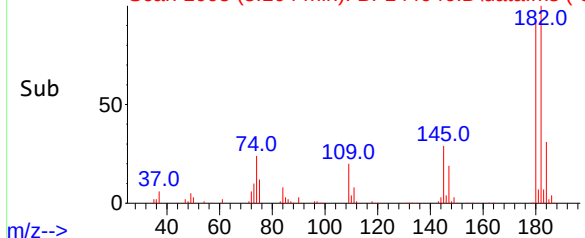
m/z--&gt;

Abundance Scan 1005 (8.104 min): BF144046.D\data.ms



m/z--&gt;

Abundance Scan 1005 (8.104 min): BF144046.D\data.ms (-9



m/z--&gt;

#30

1,2,4-Trichlorobenzene

Concen: 54.183 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

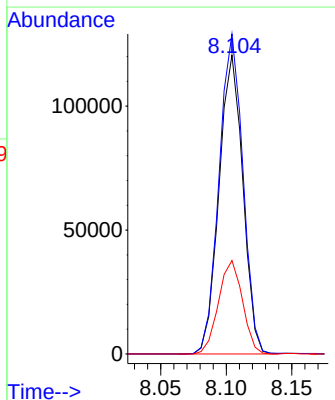
Tgt Ion:180 Resp: 152155

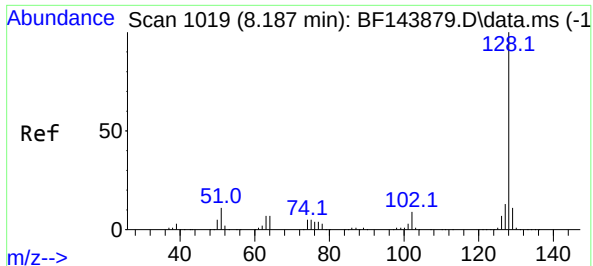
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

145 31.3 26.3 39.5





#31

Naphthalene

Concen: 48.790 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

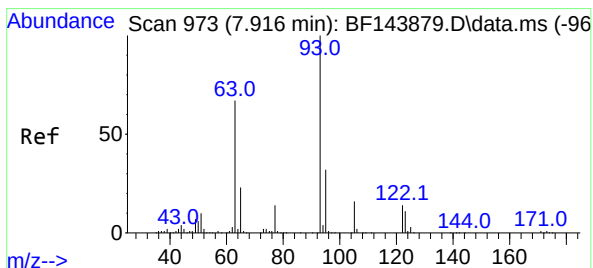
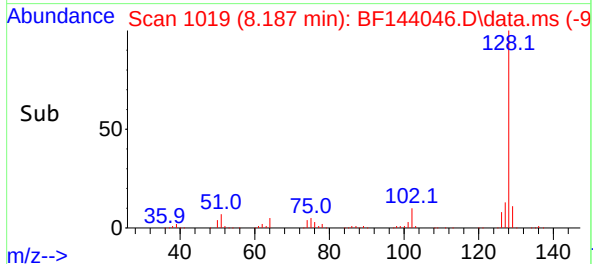
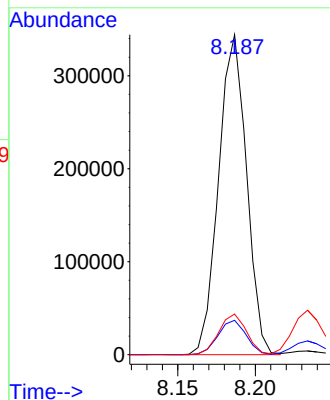
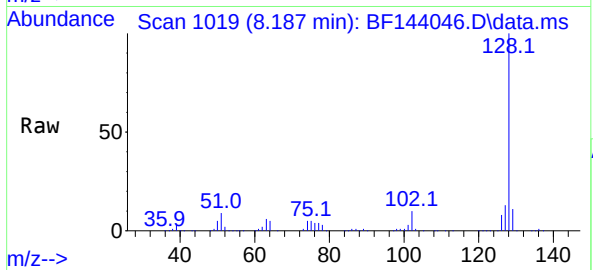
Tgt Ion:128 Resp: 431571

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 45.987 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

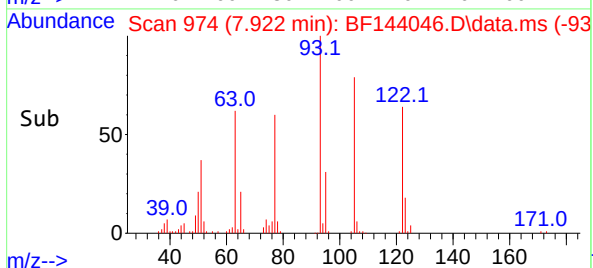
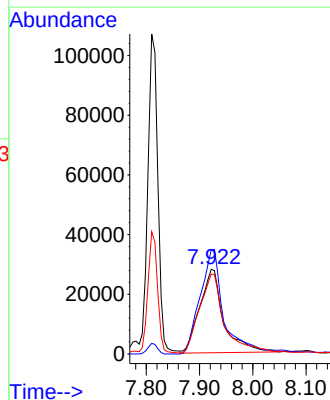
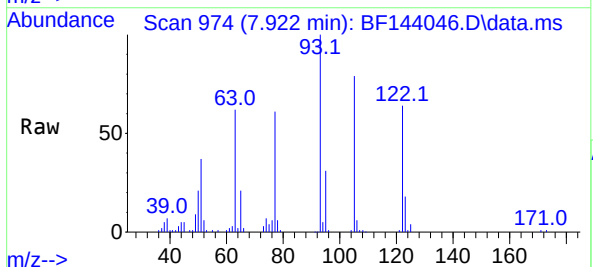
Tgt Ion:122 Resp: 87243

Ion Ratio Lower Upper

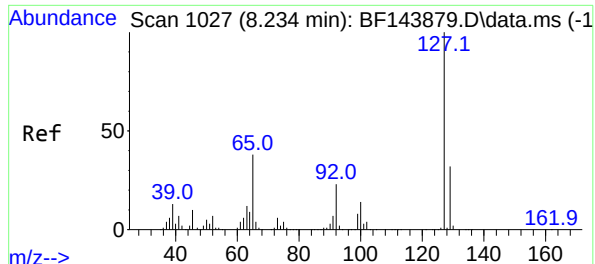
122 100

105 123.0 93.5 133.5

77 94.4 76.3 116.3







#33

4-Chloroaniline

Concen: 20.541 ng

RT: 8.234 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:127 Resp: 68144

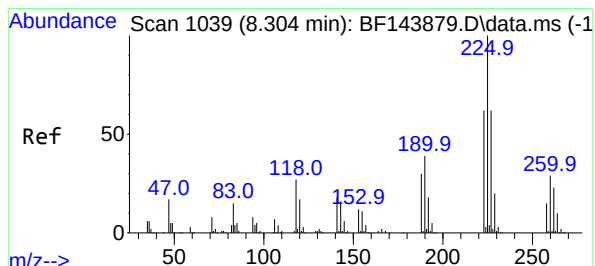
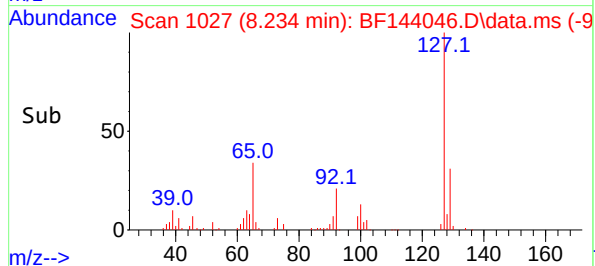
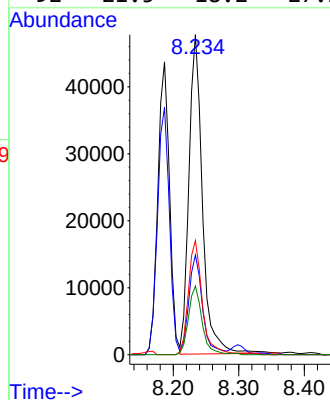
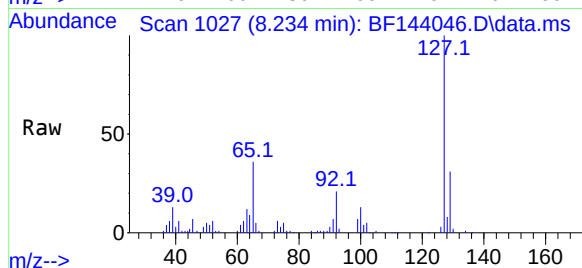
Ion Ratio Lower Upper

127 100

129 31.2 25.8 38.8

65 35.7 30.0 45.0

92 21.5 18.2 27.2



#34

Hexachlorobutadiene

Concen: 56.642 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

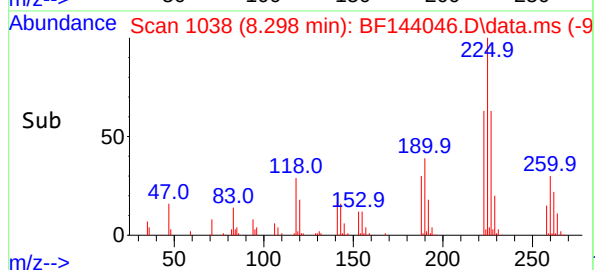
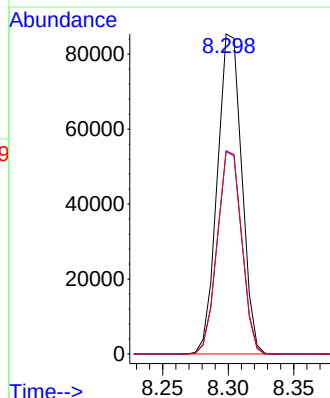
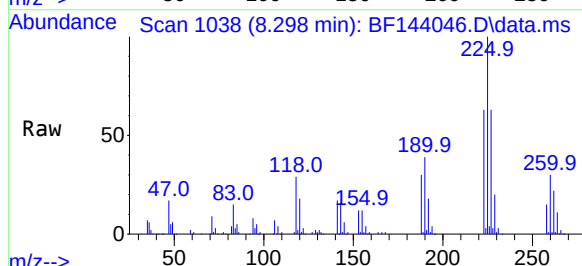
Tgt Ion:225 Resp: 110530

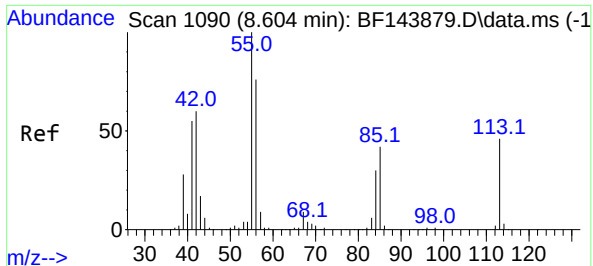
Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.2

227 63.5 49.7 74.5

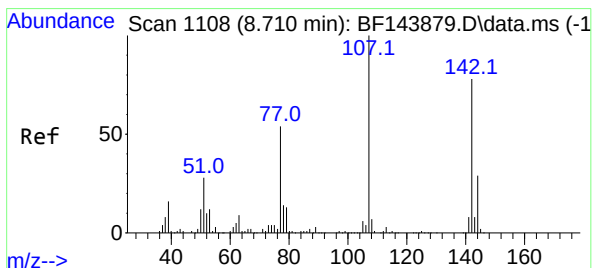
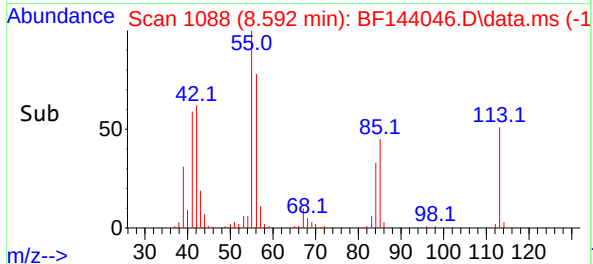
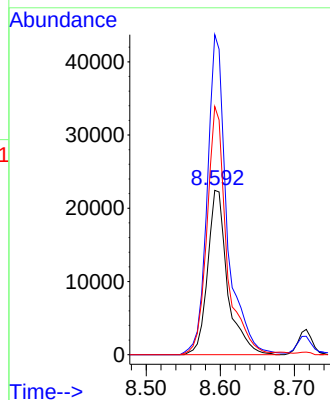
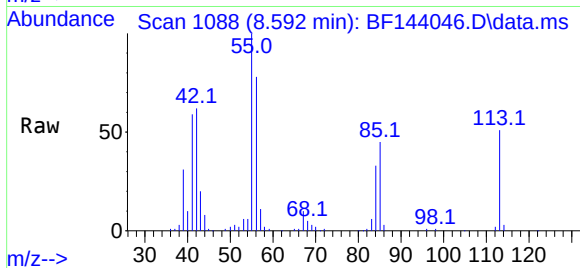




#35  
Caprolactam  
Concen: 46.192 ng  
RT: 8.592 min Scan# 1109  
Delta R.T. -0.053 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

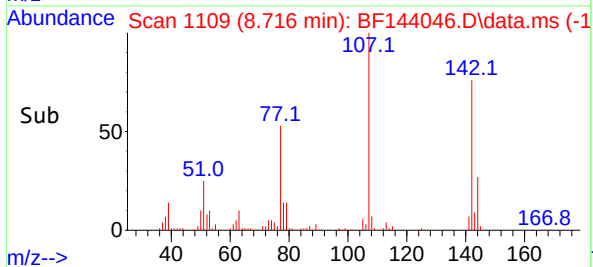
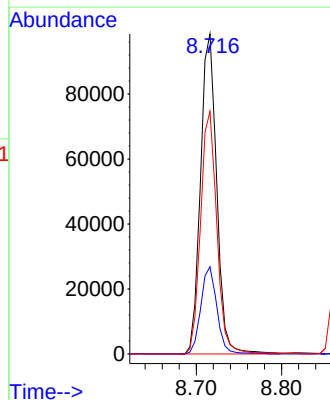
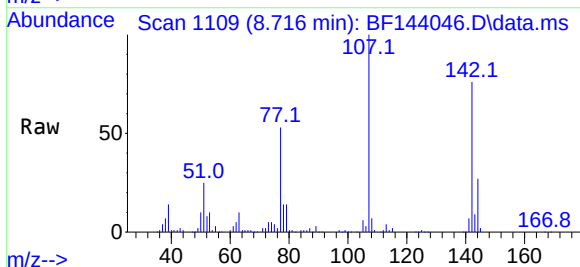
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

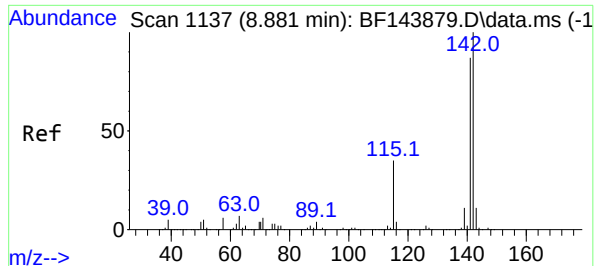
Tgt Ion:113 Resp: 41937  
Ion Ratio Lower Upper  
113 100  
55 194.7 199.6 239.6#  
56 151.0 146.0 186.0



#36  
4-Chloro-3-methylphenol  
Concen: 47.430 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:107 Resp: 130088  
Ion Ratio Lower Upper  
107 100  
144 27.3 23.1 34.7  
142 75.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 44.787 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

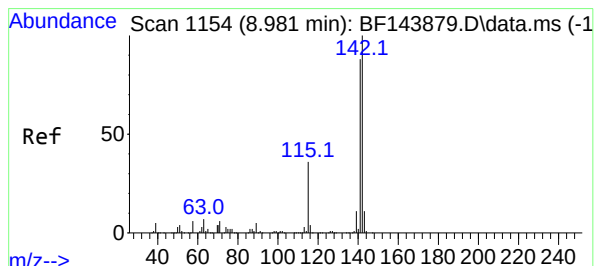
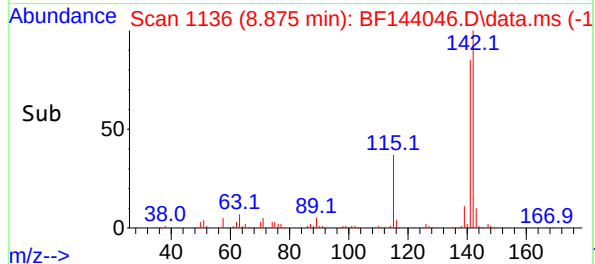
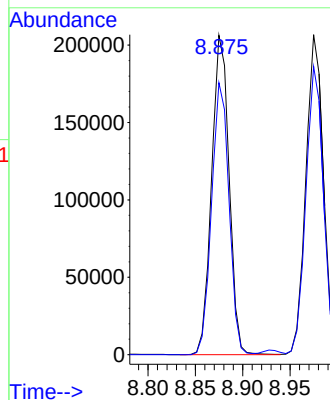
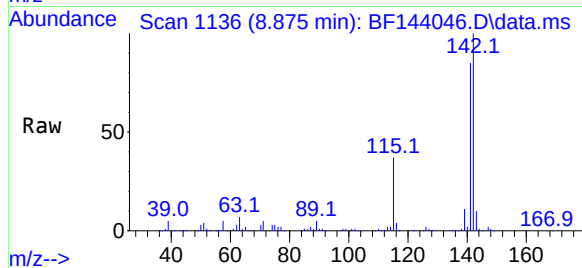
COMP-ROLLOFFMSD

Tgt Ion:142 Resp: 263894

Ion Ratio Lower Upper

142 100

141 85.2 69.2 103.8



#38

1-Methylnaphthalene

Concen: 46.124 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144046.D

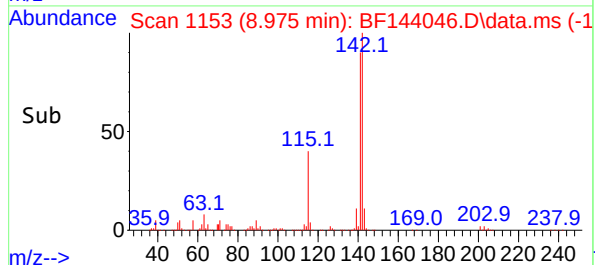
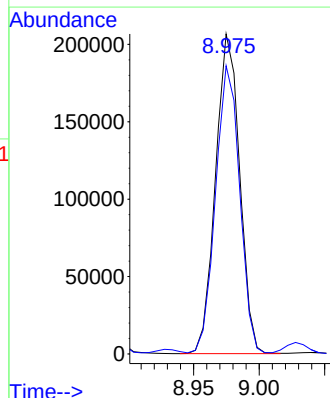
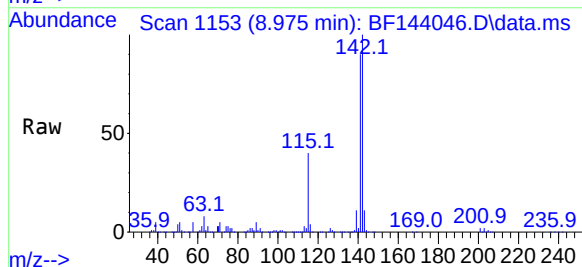
Acq: 22 Oct 2025 17:17

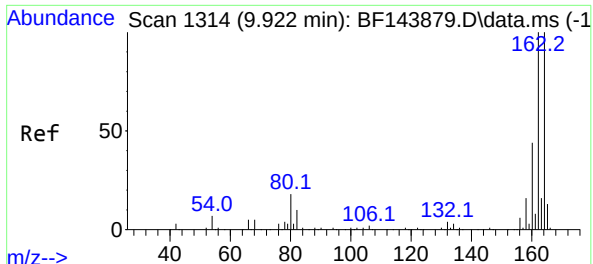
Tgt Ion:142 Resp: 263614

Ion Ratio Lower Upper

142 100

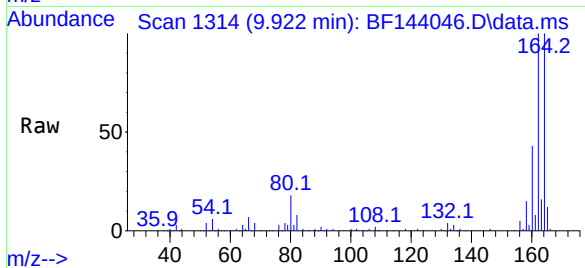
141 90.0 70.8 106.2



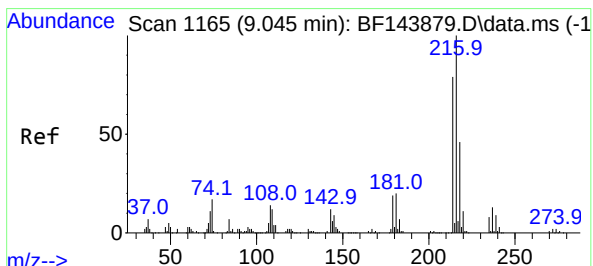
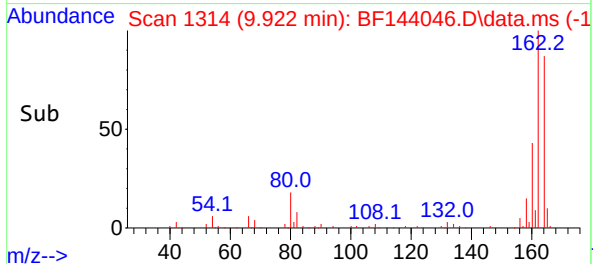
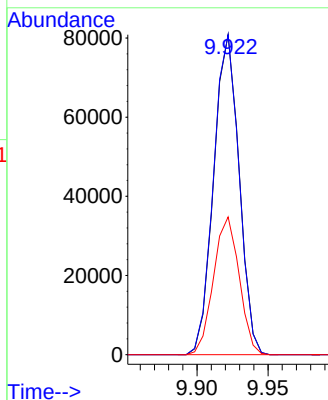


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1114  
Delta R.T. -0.005 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

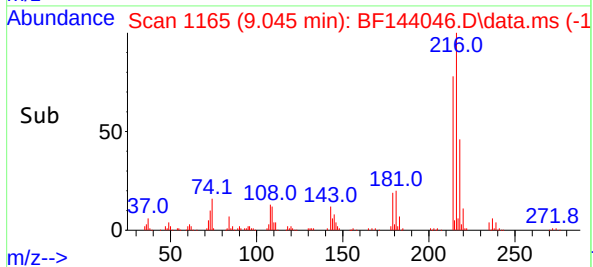
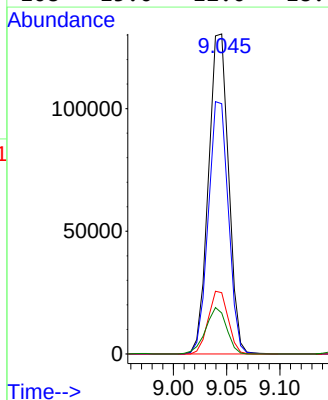
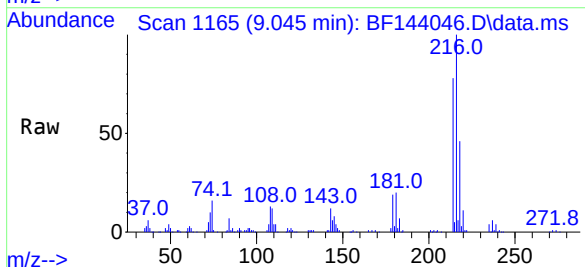


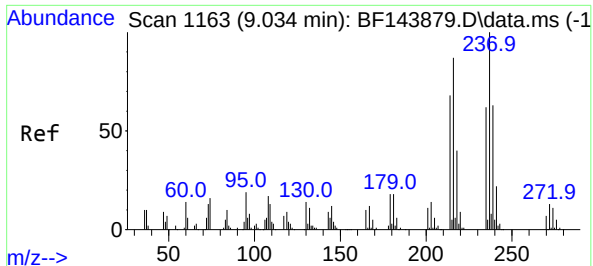
Tgt Ion:164 Resp: 100404  
Ion Ratio Lower Upper  
164 100  
162 99.9 80.2 120.2  
160 43.0 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 61.749 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:216 Resp: 171355  
Ion Ratio Lower Upper  
216 100  
214 78.4 62.6 94.0  
179 19.3 15.4 23.0  
108 15.0 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 74.523 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

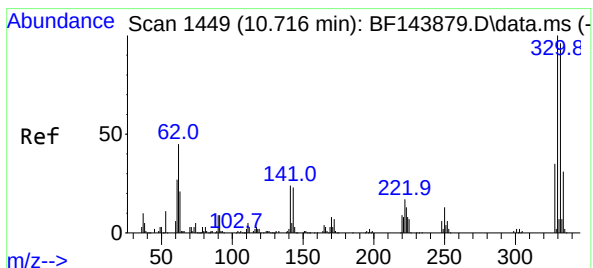
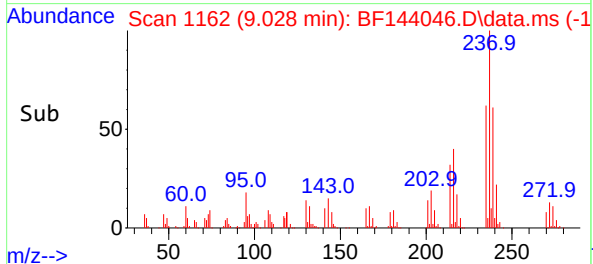
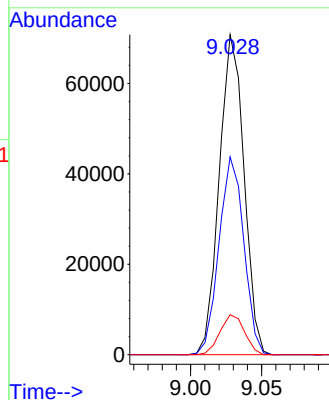
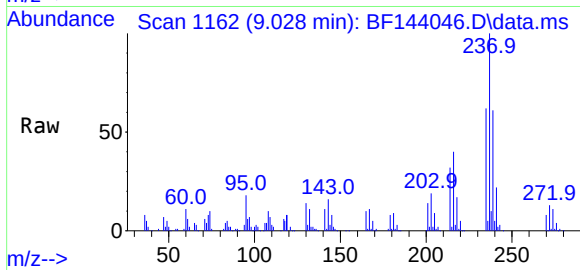
Tgt Ion:237 Resp: 85794

Ion Ratio Lower Upper

237 100

235 61.8 42.3 82.3

272 12.5 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 105.326 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

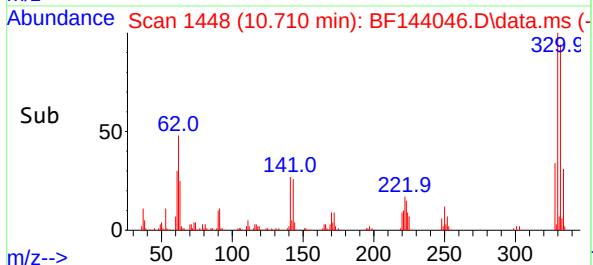
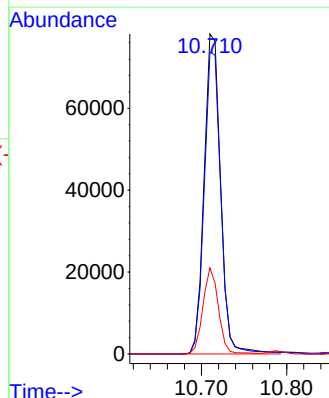
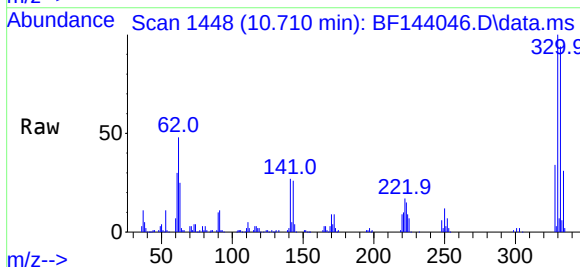
Tgt Ion:330 Resp: 105331

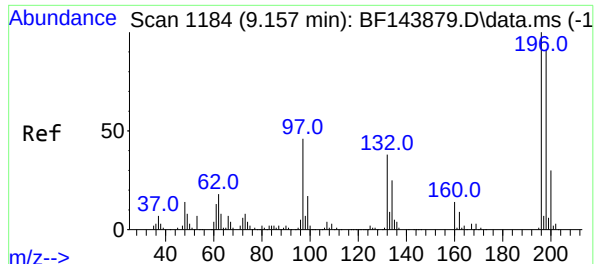
Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

141 25.2 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 50.123 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

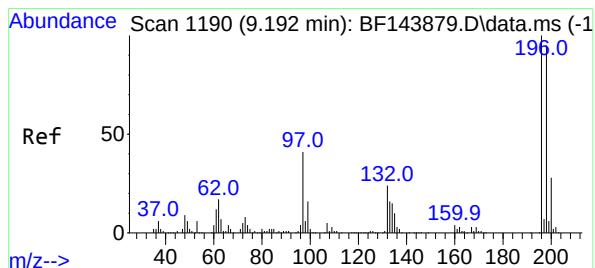
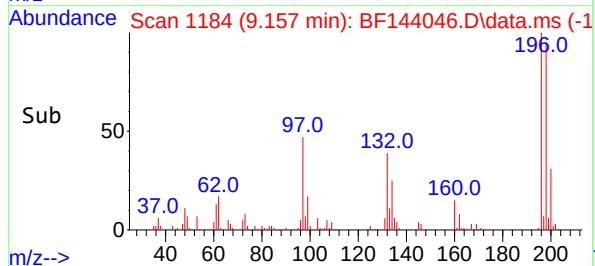
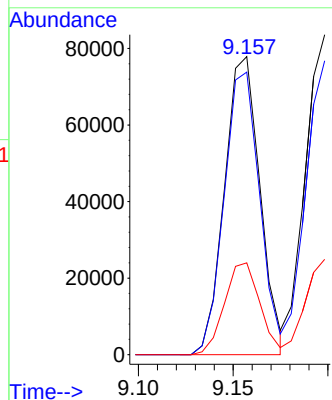
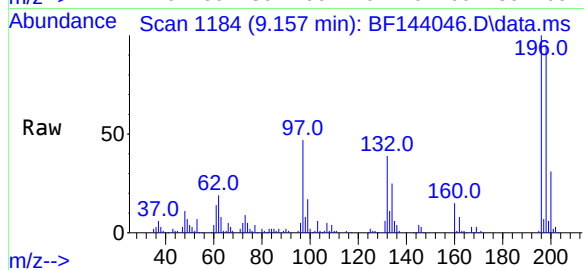
Tgt Ion:196 Resp: 101629

Ion Ratio Lower Upper

196 100

198 94.8 72.8 109.2

200 30.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 52.895 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:196 Resp: 113337

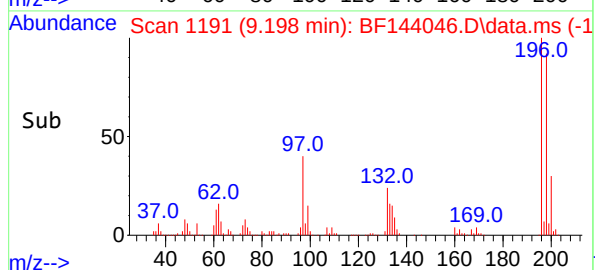
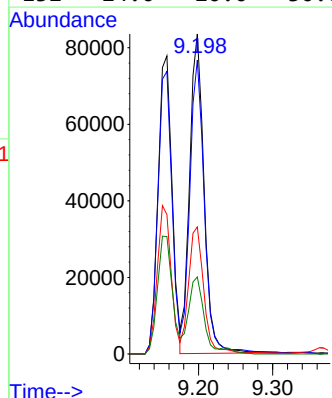
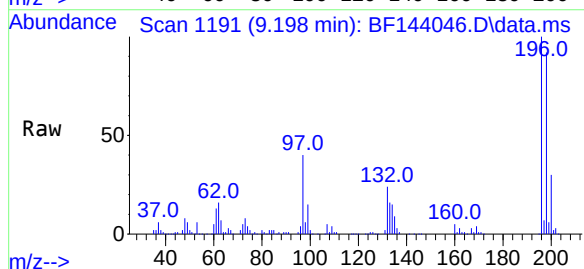
Ion Ratio Lower Upper

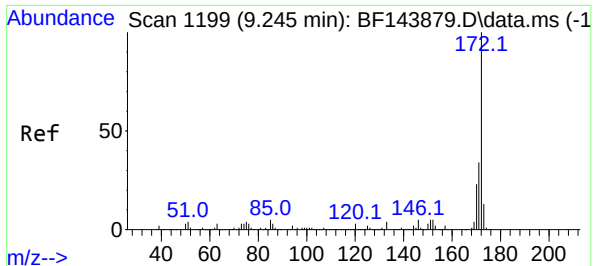
196 100

198 91.9 75.5 113.3

97 39.7 33.9 50.9

132 24.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 67.531 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

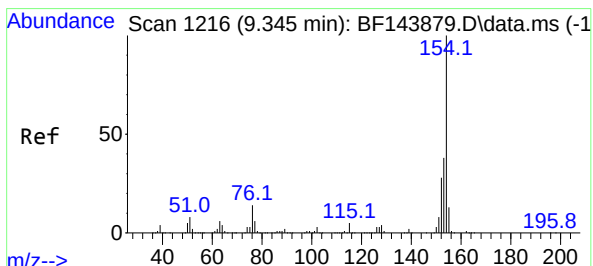
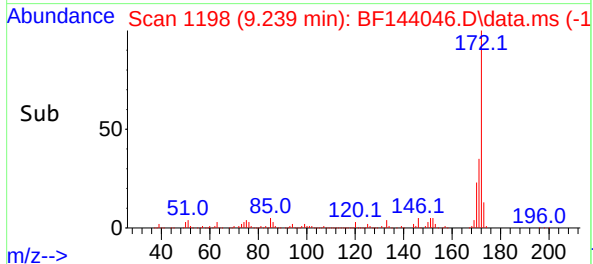
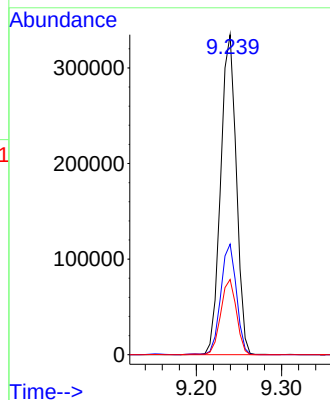
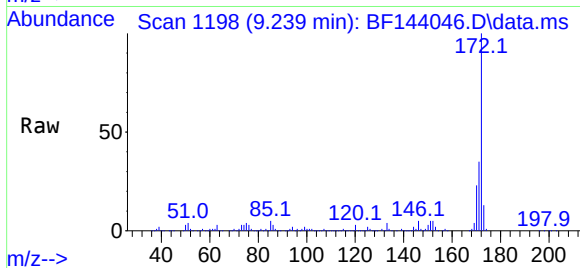
Tgt Ion:172 Resp: 427316

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 56.582 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

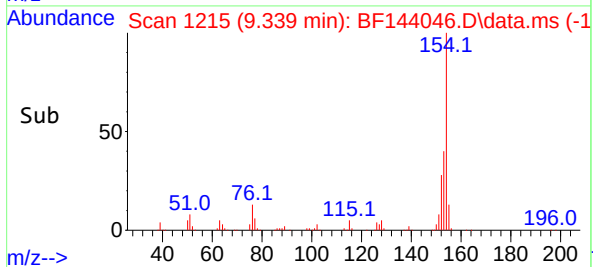
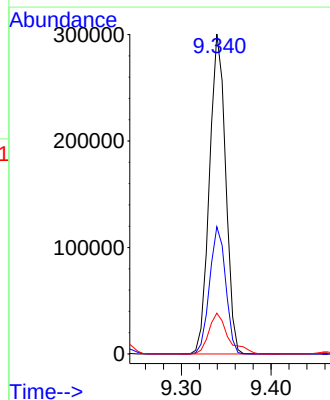
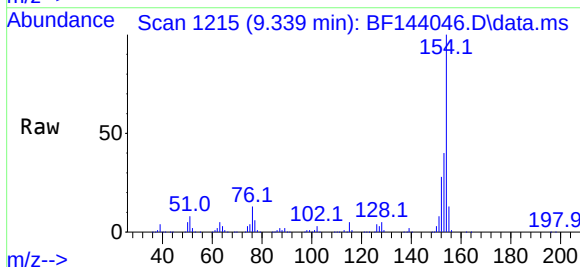
Tgt Ion:154 Resp: 376138

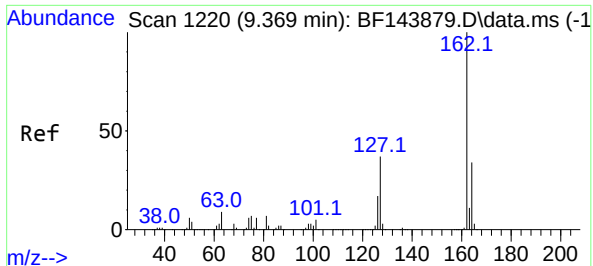
Ion Ratio Lower Upper

154 100

153 39.7 18.4 58.4

76 12.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 50.887 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

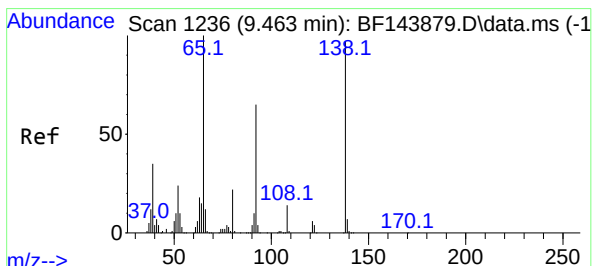
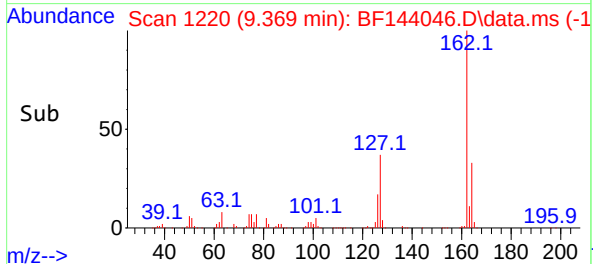
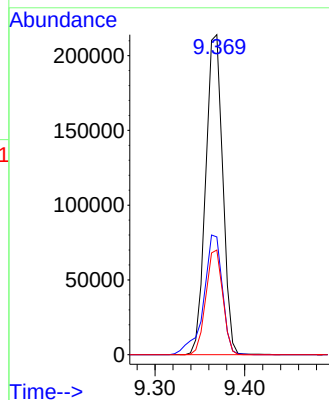
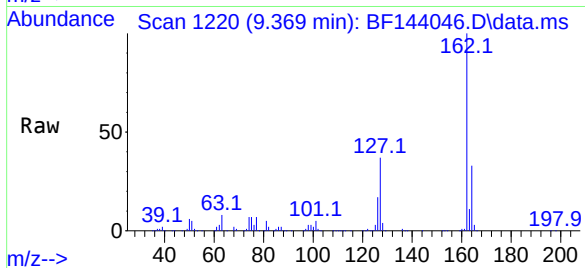
Tgt Ion:162 Resp: 282045

Ion Ratio Lower Upper

162 100

127 36.8 30.2 45.2

164 32.7 26.9 40.3



#48

2-Nitroaniline

Concen: 50.718 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

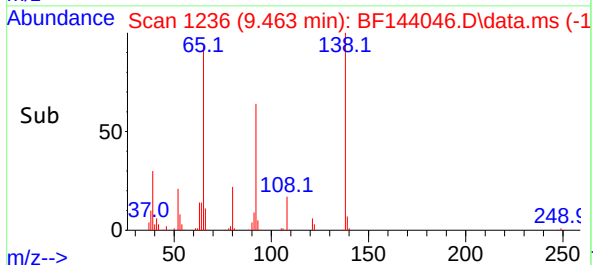
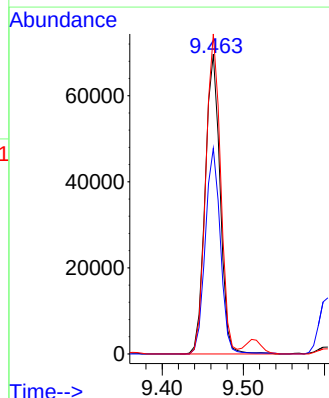
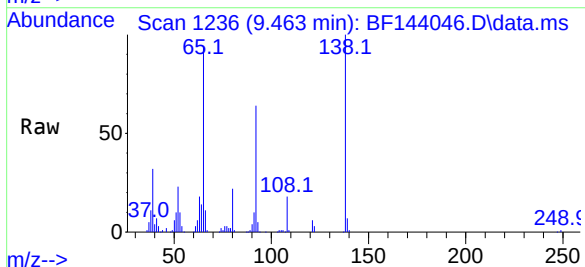
Tgt Ion: 65 Resp: 88874

Ion Ratio Lower Upper

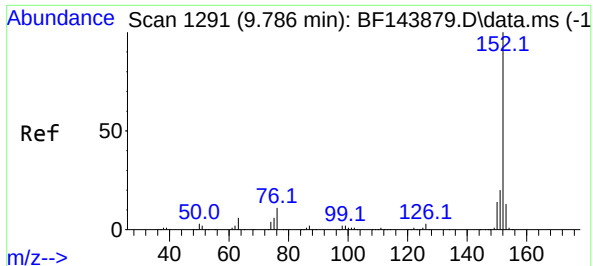
65 100

92 68.5 52.1 78.1

138 106.7 77.4 116.2



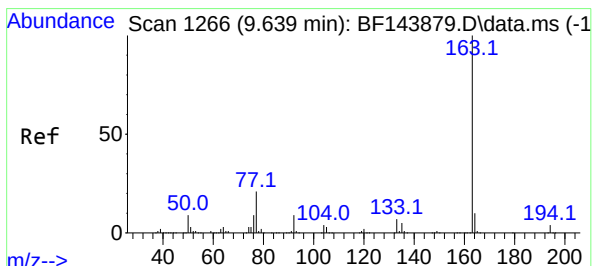
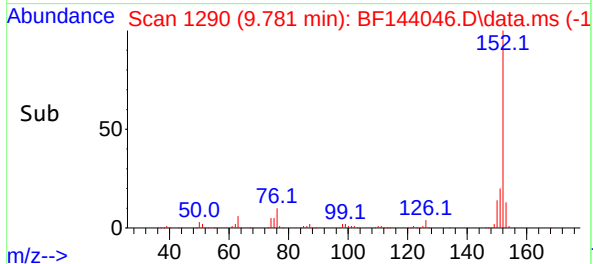
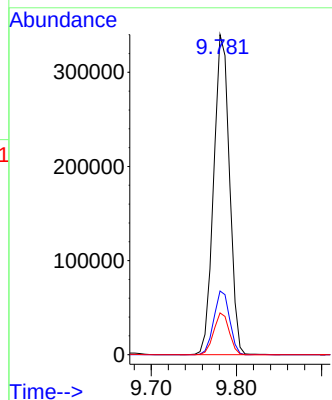
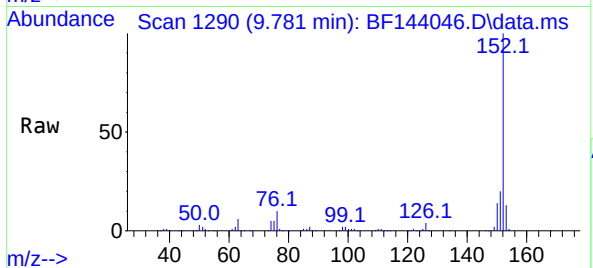




#49  
Acenaphthylene  
Concen: 56.398 ng  
RT: 9.781 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

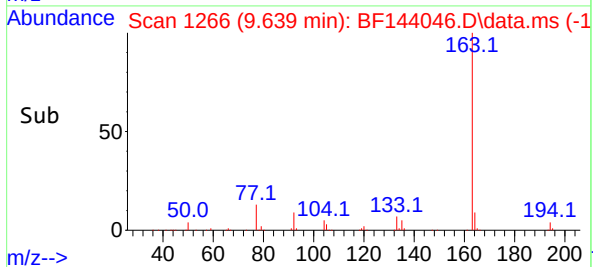
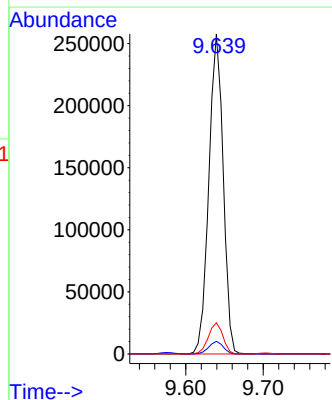
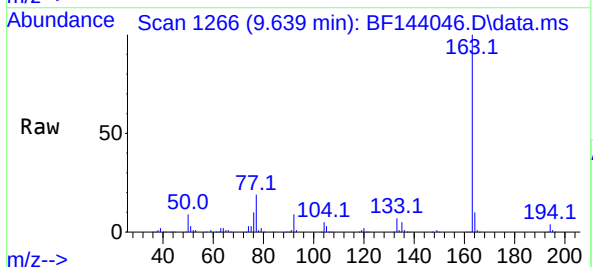
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

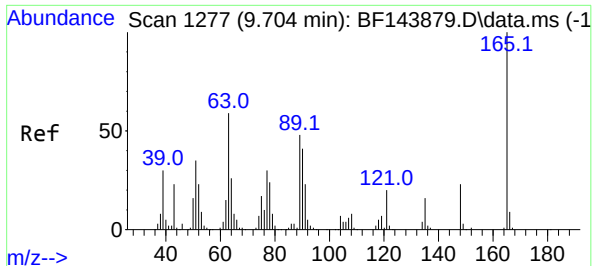
Tgt Ion:152 Resp: 439452  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.8 23.6  
153 13.0 10.5 15.7



#50  
Dimethylphthalate  
Concen: 51.947 ng  
RT: 9.639 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:163 Resp: 331215  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 58.515 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

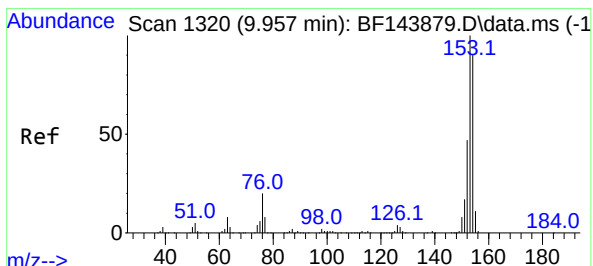
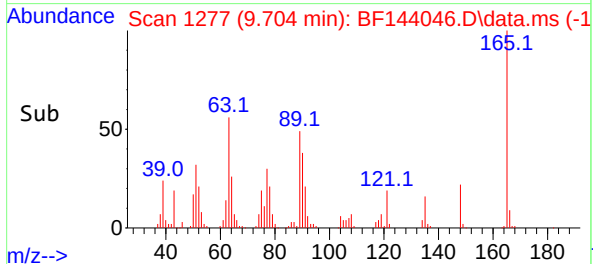
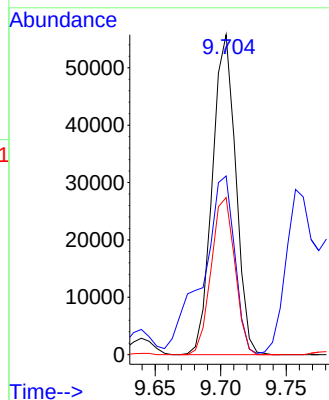
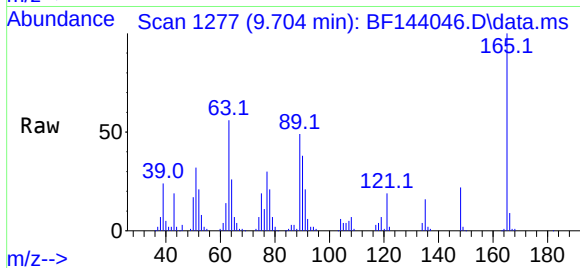
Tgt Ion:165 Resp: 69184

Ion Ratio Lower Upper

165 100

63 55.9 47.3 70.9

89 49.1 38.2 57.4



#52

Acenaphthene

Concen: 52.111 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

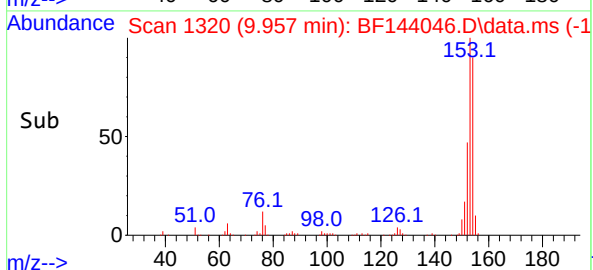
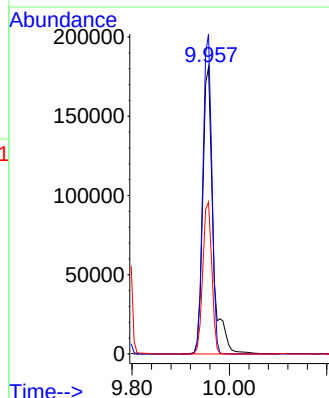
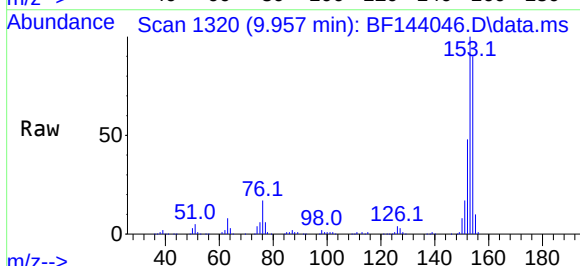
Tgt Ion:154 Resp: 266069

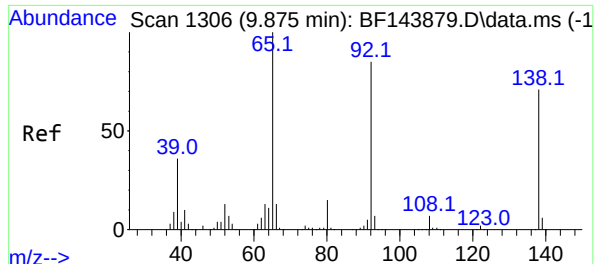
Ion Ratio Lower Upper

154 100

153 111.6 89.3 133.9

152 53.0 42.2 63.2

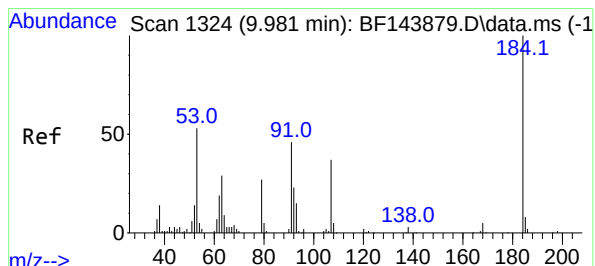
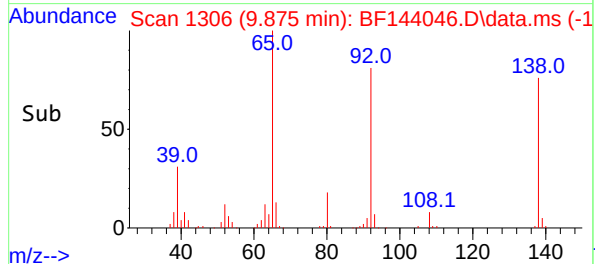
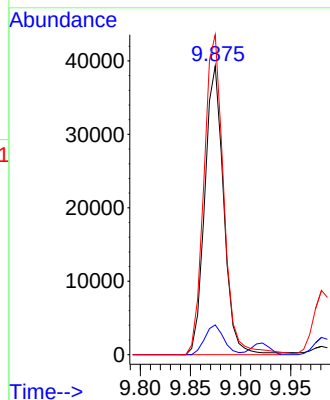
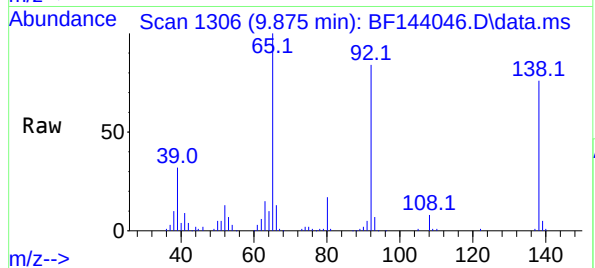




#53  
3-Nitroaniline  
Concen: 35.724 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

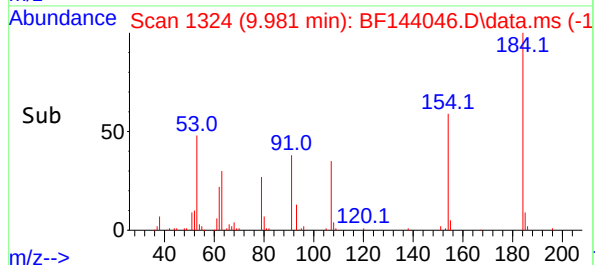
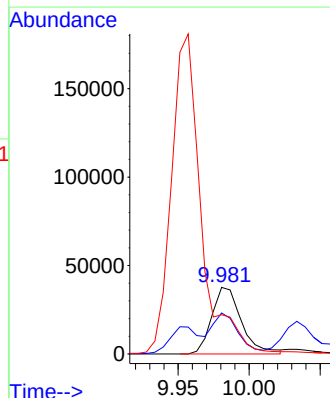
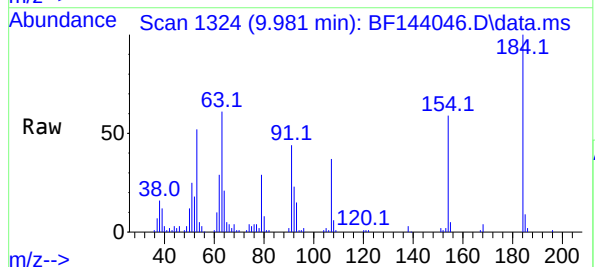
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

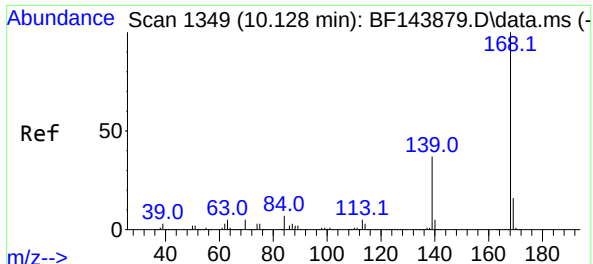
Tgt Ion:138 Resp: 51718  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.3 12.5  
92 110.8 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 75.499 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:184 Resp: 54749  
Ion Ratio Lower Upper  
184 100  
63 61.5 48.2 72.4  
154 59.0 49.2 73.8





#55

Dibenzofuran

Concen: 49.633 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

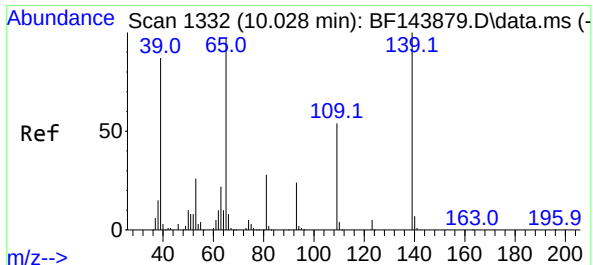
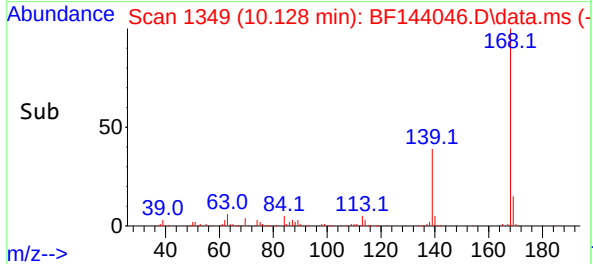
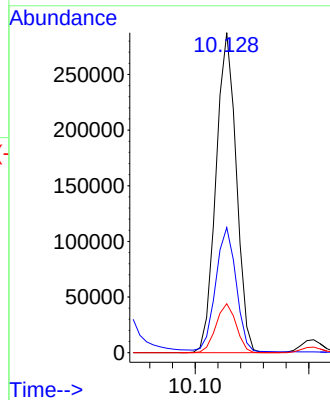
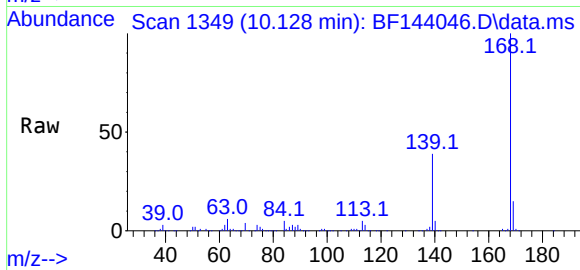
Tgt Ion:168 Resp: 357723

Ion Ratio Lower Upper

168 100

139 39.1 29.8 44.8

169 15.3 12.8 19.2



#56

4-Nitrophenol

Concen: 81.974 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

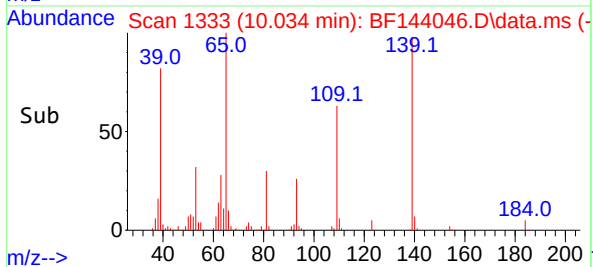
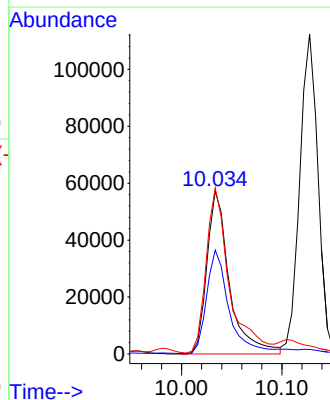
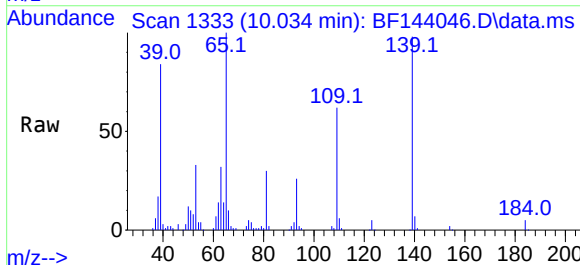
Tgt Ion:139 Resp: 89855

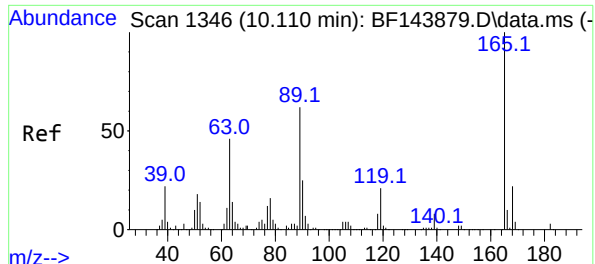
Ion Ratio Lower Upper

139 100

109 63.7 34.5 74.5

65 102.1 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 55.991 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:165 Resp: 90072

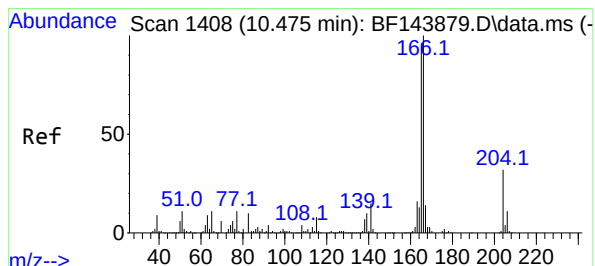
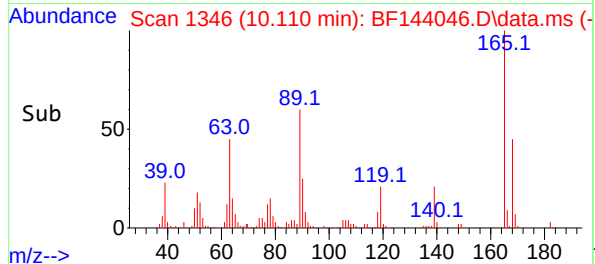
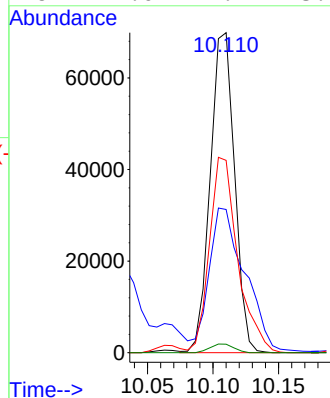
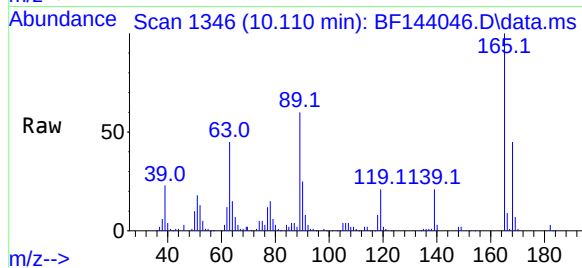
Ion Ratio Lower Upper

165 100

63 44.7 37.2 55.8

89 60.1 49.4 74.2

182 2.6 2.1 3.1



#58

Fluorene

Concen: 50.106 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

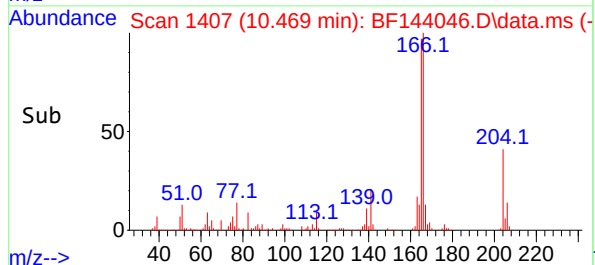
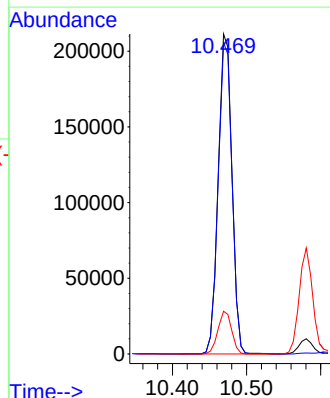
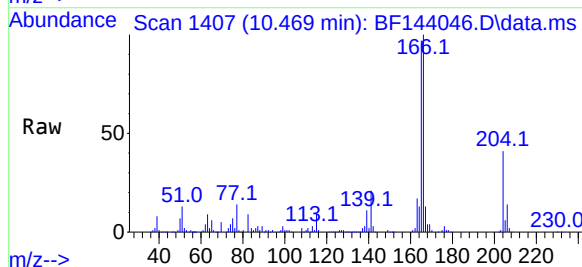
Tgt Ion:166 Resp: 272501

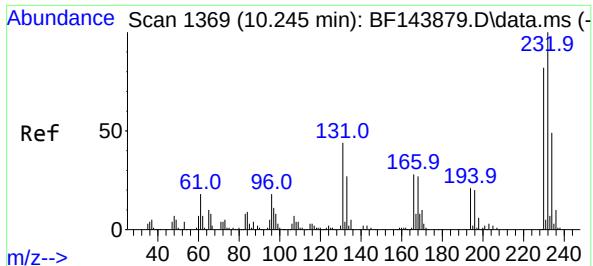
Ion Ratio Lower Upper

166 100

165 97.3 77.0 115.6

167 13.3 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.256 ng

RT: 10.245 min Scan# 1369

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:232 Resp: 83810

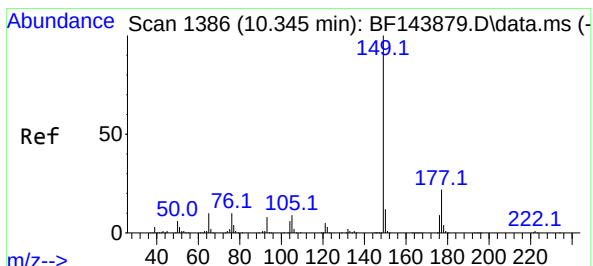
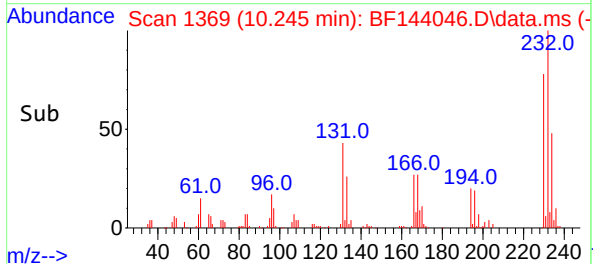
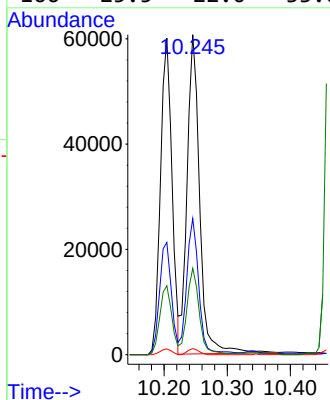
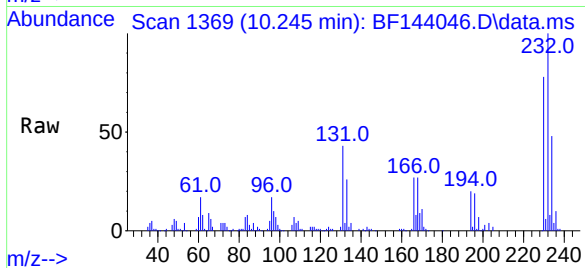
Ion Ratio Lower Upper

232 100

131 41.0 34.9 52.3

130 1.7 1.6 2.4

166 25.5 22.0 33.0



#60

Diethylphthalate

Concen: 50.812 ng

RT: 10.339 min Scan# 1385

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

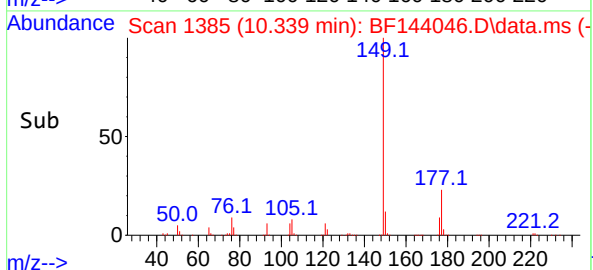
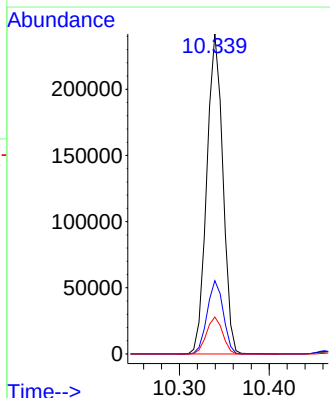
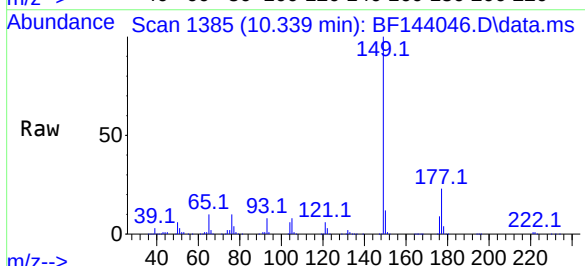
Tgt Ion:149 Resp: 300982

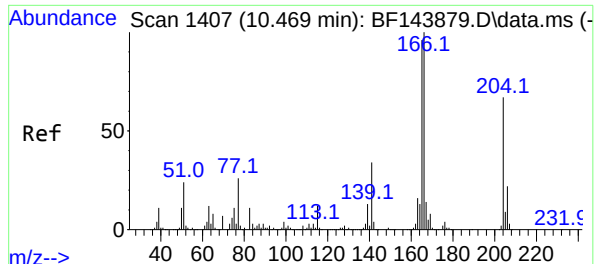
Ion Ratio Lower Upper

149 100

177 22.9 17.9 26.9

150 11.6 9.8 14.8

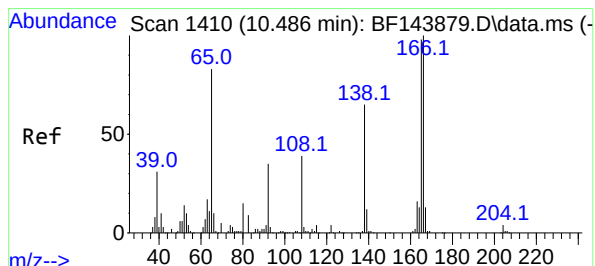
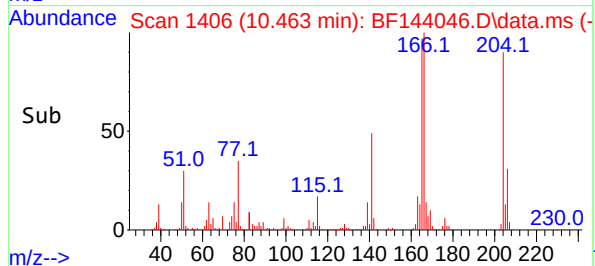
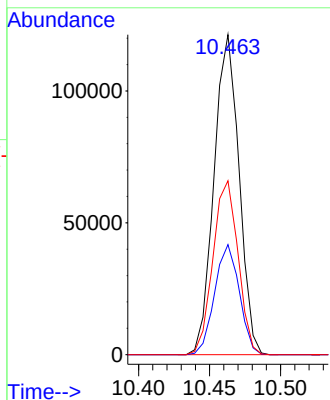
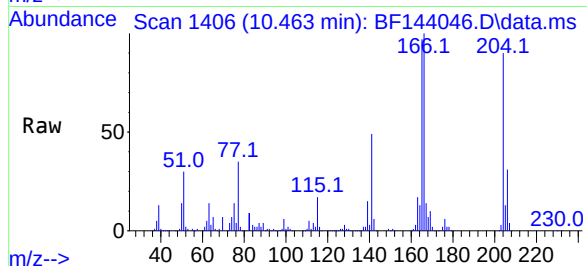




#61  
4-Chlorophenyl-phenylether  
Concen: 51.685 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

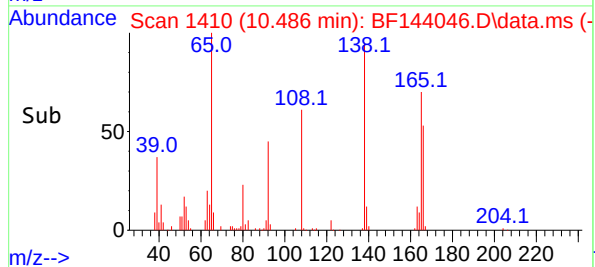
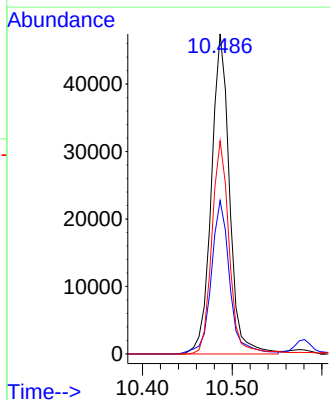
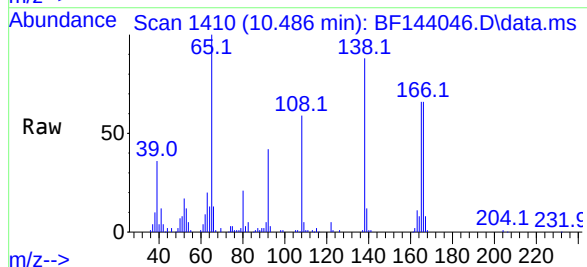
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

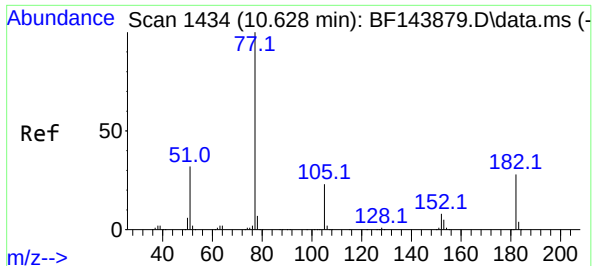
Tgt Ion:204 Resp: 148610  
Ion Ratio Lower Upper  
204 100  
206 34.4 26.6 40.0  
141 54.3 40.4 60.6



#62  
4-Nitroaniline  
Concen: 47.905 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:138 Resp: 66690  
Ion Ratio Lower Upper  
138 100  
92 48.0 33.9 73.9  
108 66.6 40.2 80.2

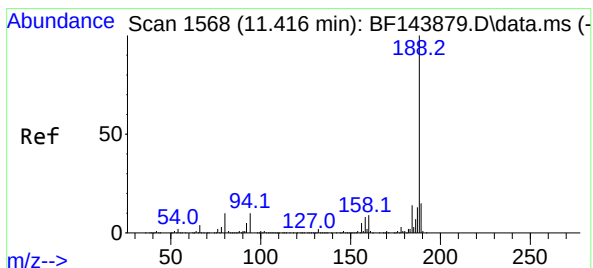
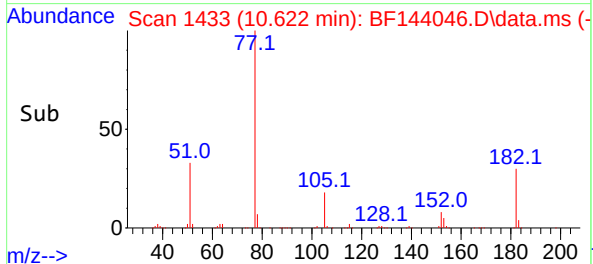
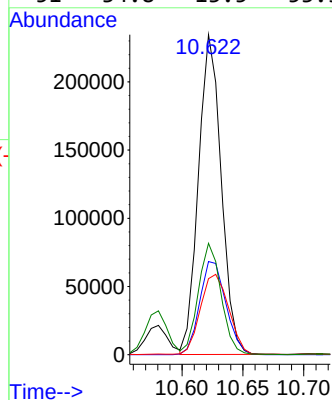
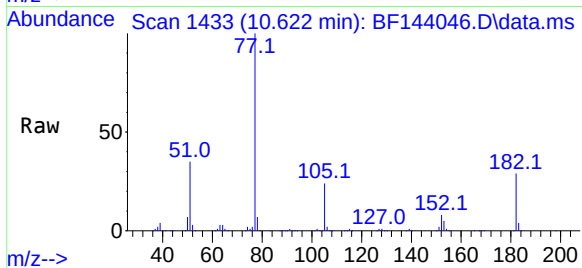




#63  
Azobenzene  
Concen: 49.299 ng  
RT: 10.622 min Scan# 1434  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

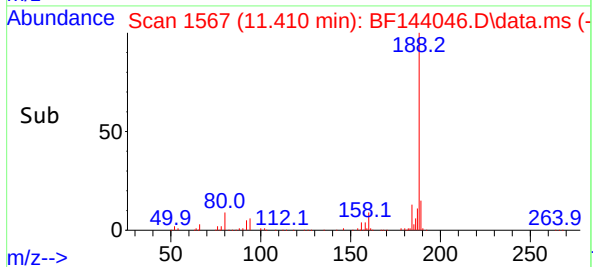
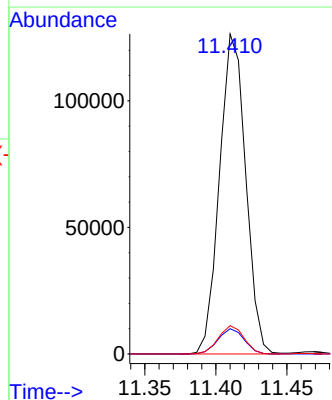
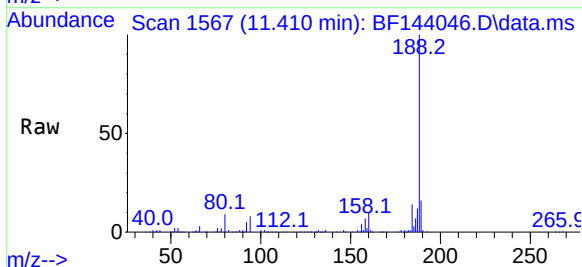
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

Tgt Ion: 77 Resp: 305202  
Ion Ratio Lower Upper  
77 100  
182 29.1 7.3 47.3  
105 23.8 3.0 43.0  
51 34.8 13.5 53.5

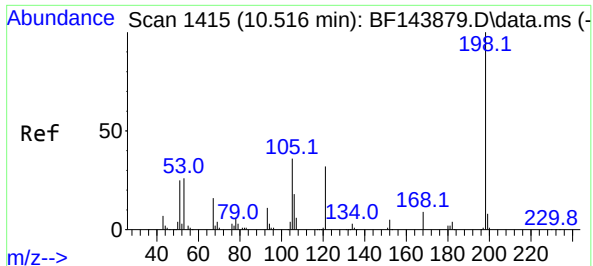


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion: 188 Resp: 161809  
Ion Ratio Lower Upper  
188 100  
94 7.9 7.8 11.6  
80 8.9 7.9 11.9



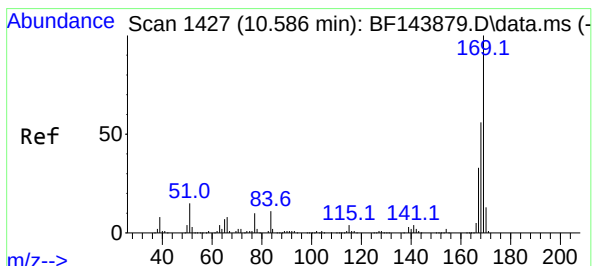
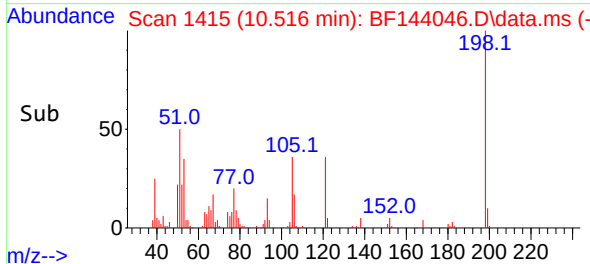
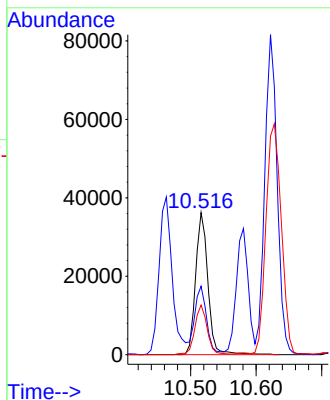
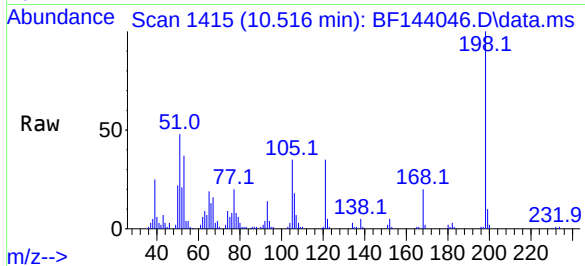




#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.328 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.017 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

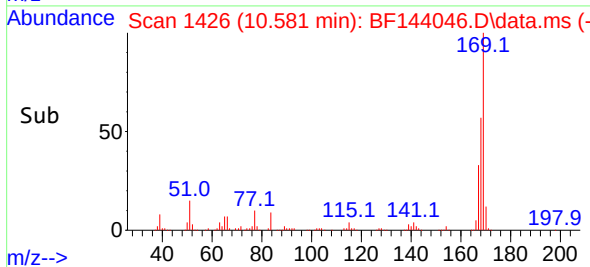
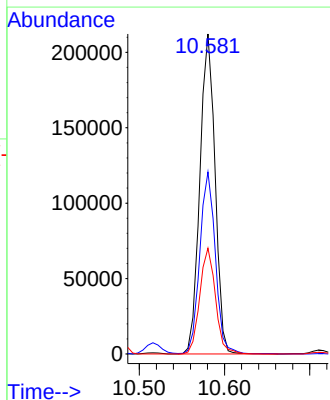
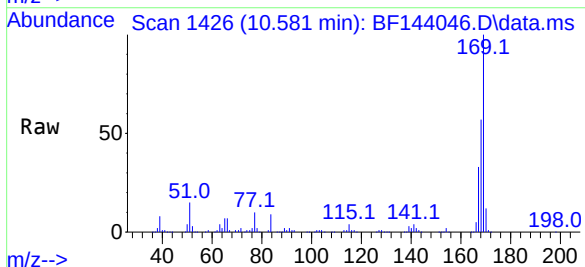
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

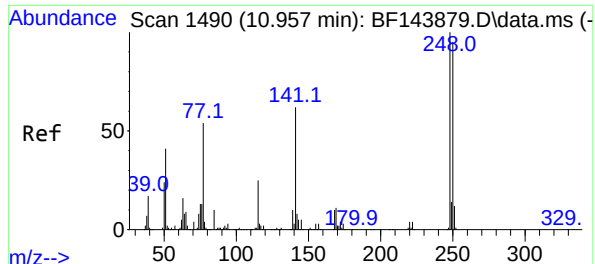
Tgt Ion:198 Resp: 47428  
Ion Ratio Lower Upper  
198 100  
51 48.2 33.8 73.8  
105 34.9 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 51.755 ng  
RT: 10.581 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:169 Resp: 262951  
Ion Ratio Lower Upper  
169 100  
168 56.8 44.9 67.3  
167 33.0 26.3 39.5





#67

4-Bromophenyl-phenylether

Concen: 54.455 ng

RT: 10.951 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

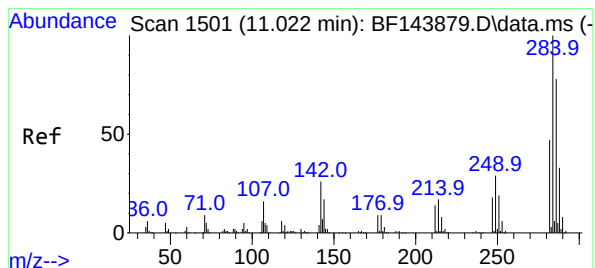
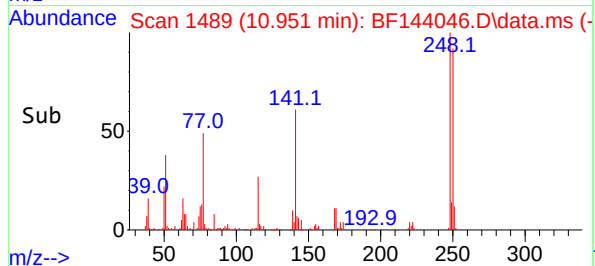
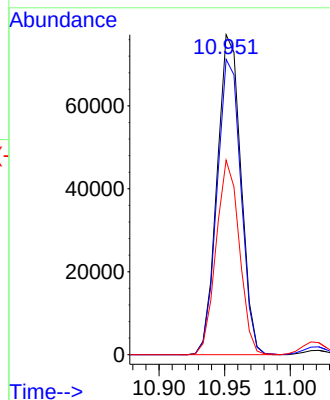
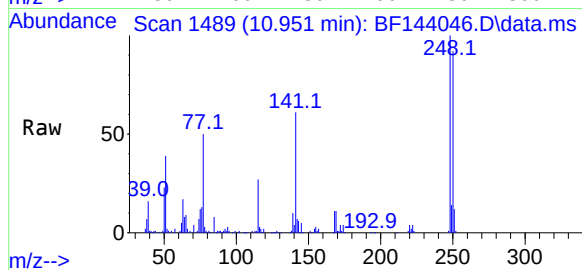
Tgt Ion:248 Resp: 97379

Ion Ratio Lower Upper

248 100

250 92.3 76.3 114.5

141 60.8 49.7 74.5



#68

Hexachlorobenzene

Concen: 55.200 ng

RT: 11.022 min Scan# 1501

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

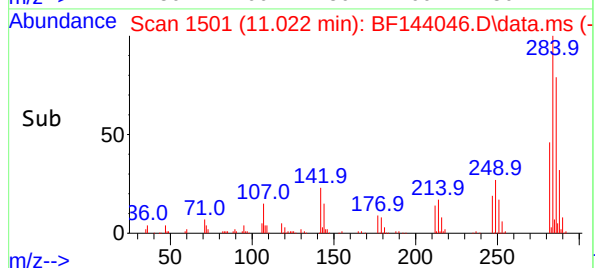
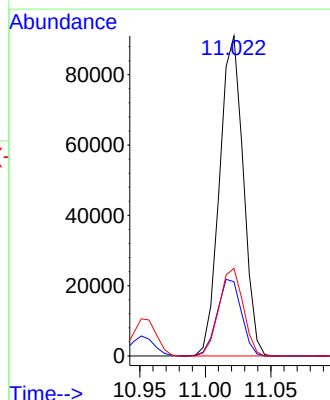
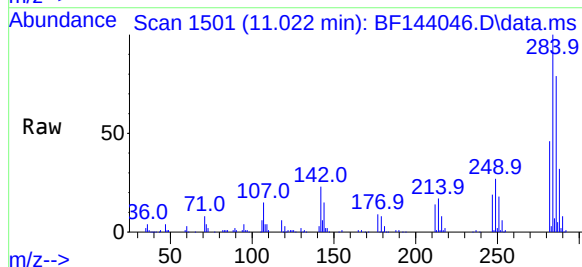
Tgt Ion:284 Resp: 114279

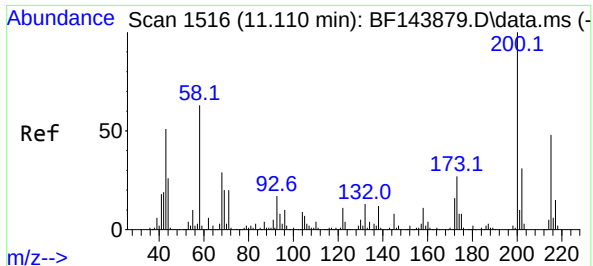
Ion Ratio Lower Upper

284 100

142 23.2 20.6 30.8

249 27.4 23.2 34.8





#69

Atrazine

Concen: 55.813 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

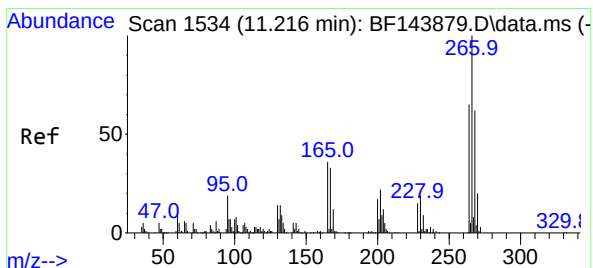
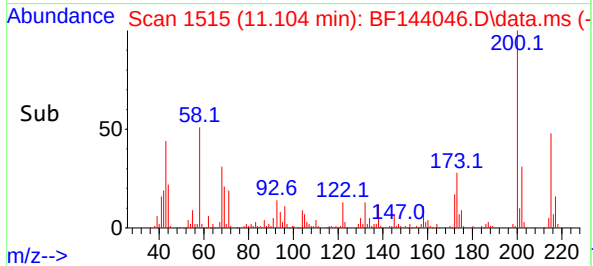
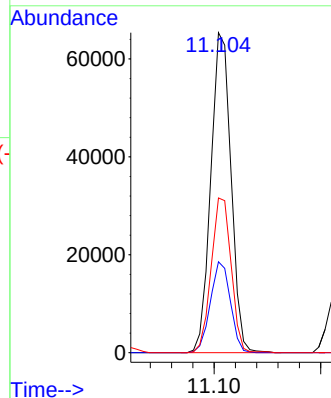
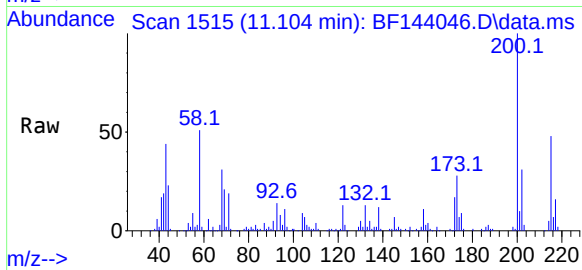
Tgt Ion:200 Resp: 85947

Ion Ratio Lower Upper

200 100

173 28.4 7.0 47.0

215 48.4 27.8 67.8



#70

Pentachlorophenol

Concen: 95.571 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

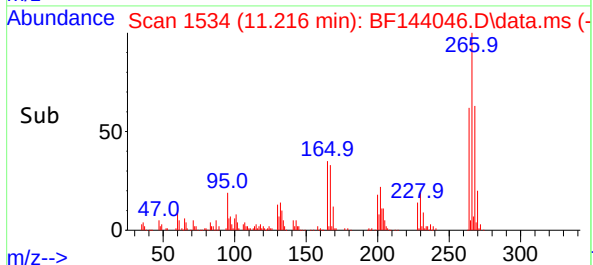
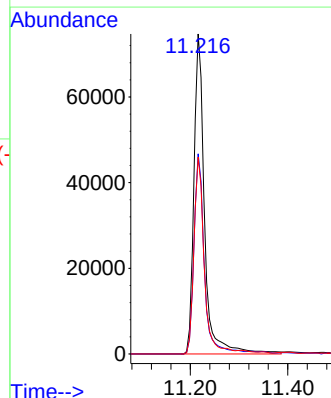
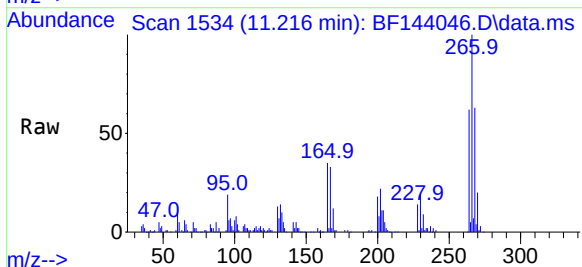
Tgt Ion:266 Resp: 113635

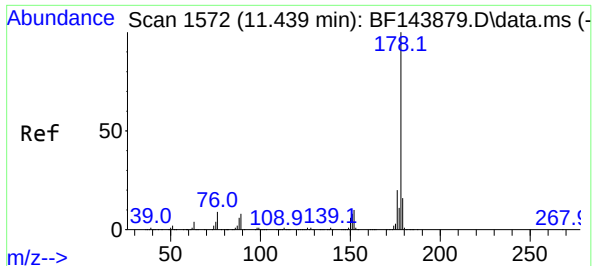
Ion Ratio Lower Upper

266 100

268 62.6 49.4 74.0

264 61.5 51.8 77.6

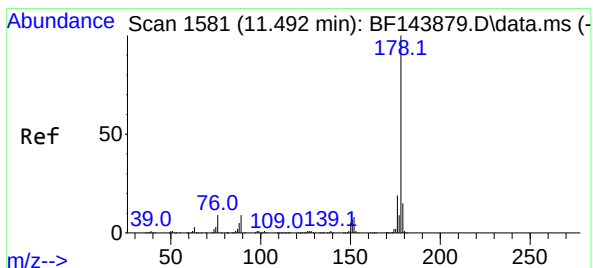
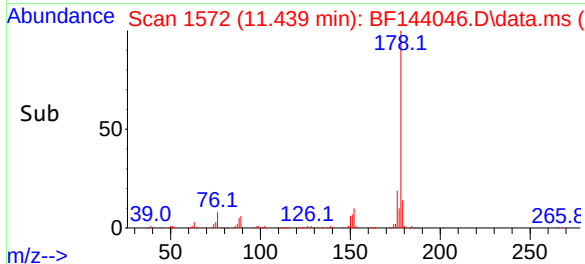
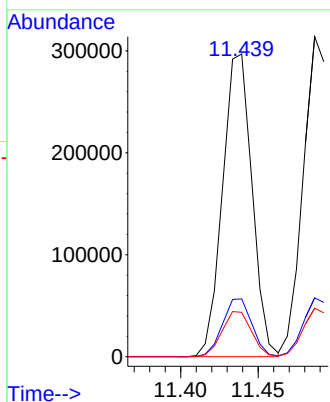
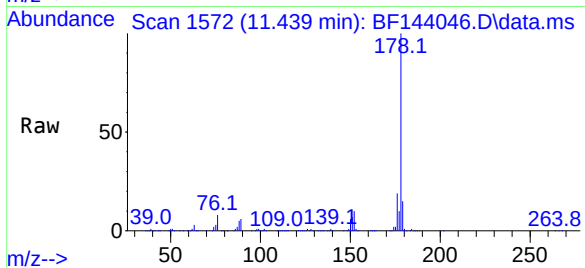




#71  
Phenanthrene  
Concen: 50.052 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

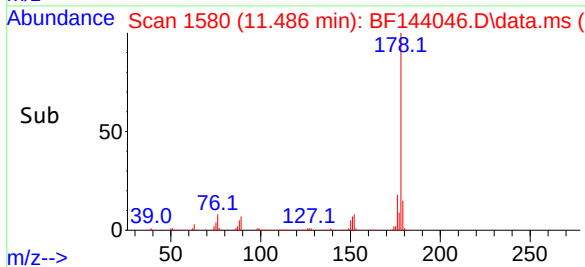
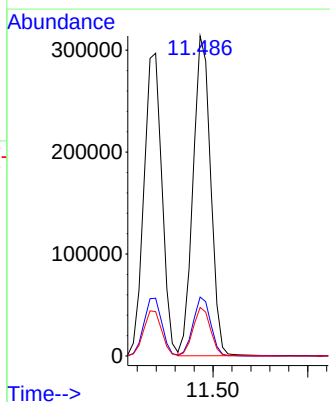
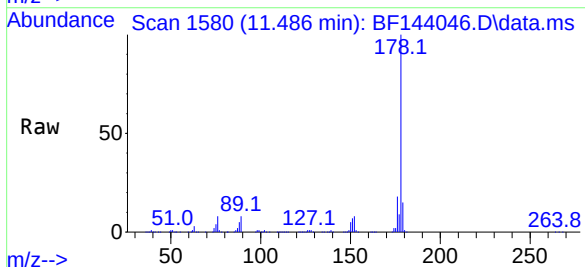
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

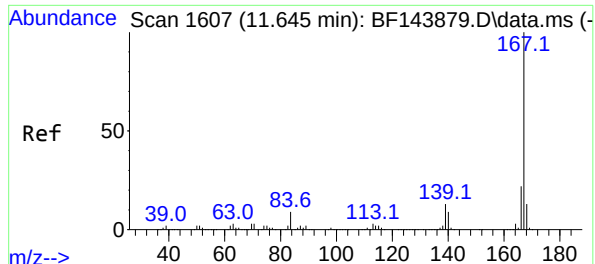
Tgt Ion:178 Resp: 392636  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.9 23.9  
179 14.7 12.4 18.6



#72  
Anthracene  
Concen: 50.954 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

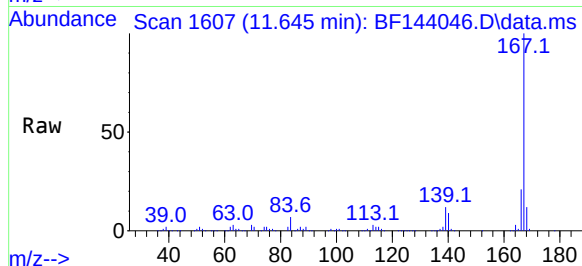
Tgt Ion:178 Resp: 403806  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.9 22.3  
179 15.1 12.2 18.2



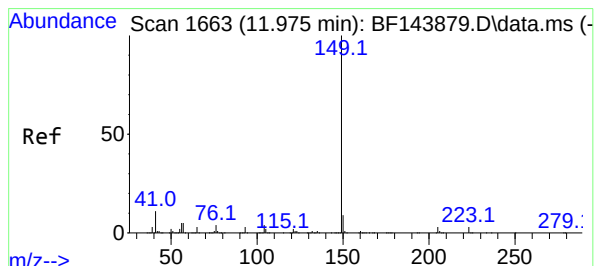
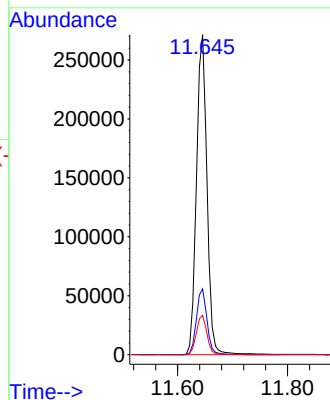
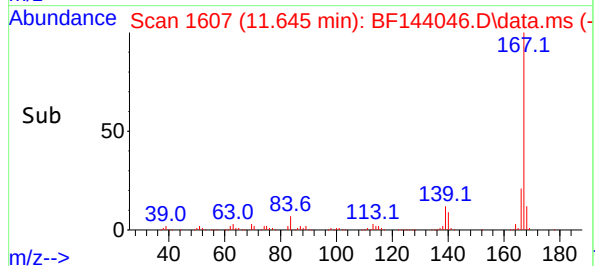


#73  
Carbazole  
Concen: 51.452 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

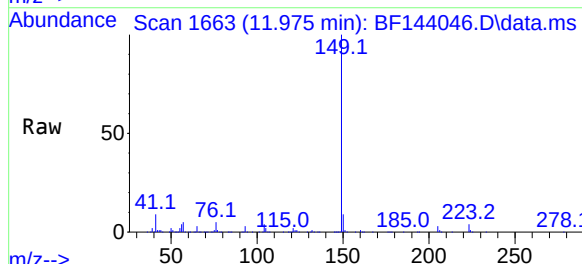
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD



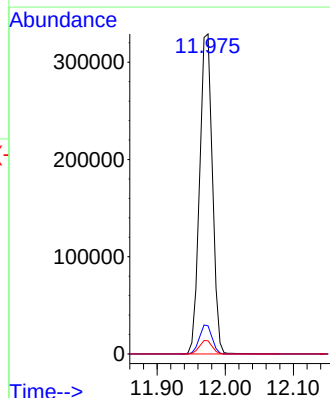
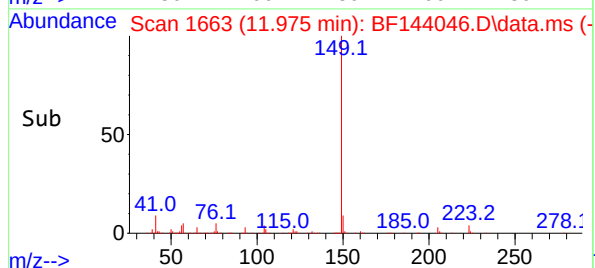
Tgt Ion:167 Resp: 361127  
Ion Ratio Lower Upper  
167 100  
166 20.5 17.2 25.8  
139 12.3 10.1 15.1

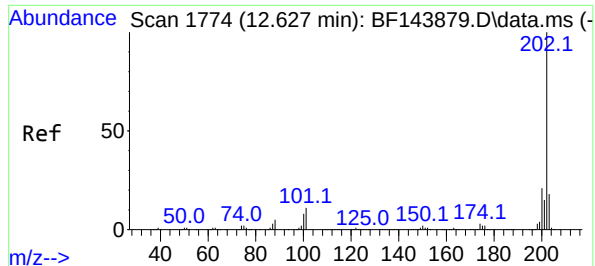


#74  
Di-n-butylphthalate  
Concen: 52.597 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17



Tgt Ion:149 Resp: 427855  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.4 11.2  
104 4.1 3.4 5.2

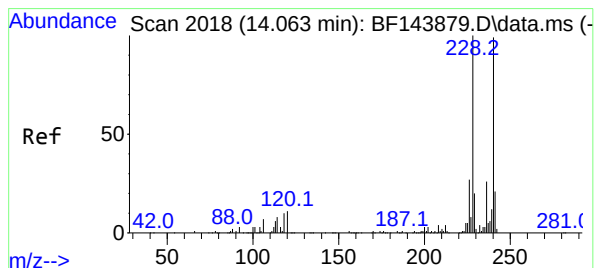
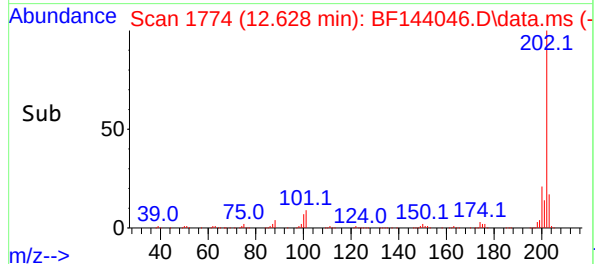
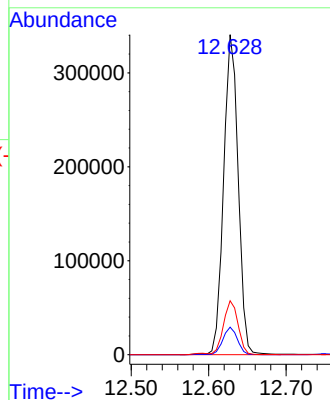
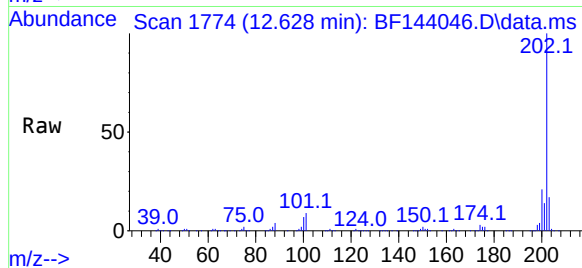




#75  
Fluoranthene  
Concen: 54.808 ng  
RT: 12.628 min Scan# 1774  
Delta R.T. -0.005 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

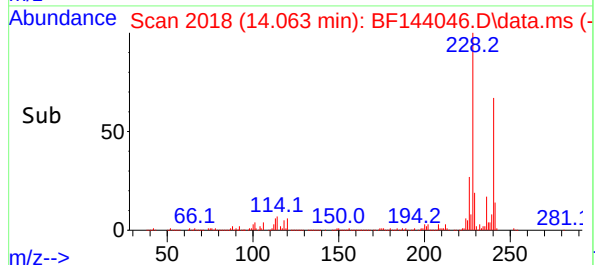
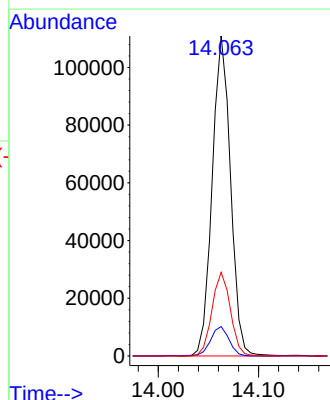
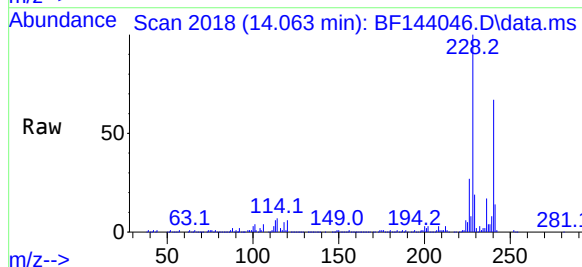
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

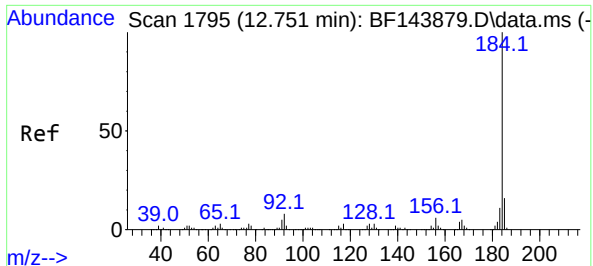
Tgt Ion:202 Resp: 444101  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 30.7  
203 16.9 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:240 Resp: 140916  
Ion Ratio Lower Upper  
240 100  
120 9.2 8.6 13.0  
236 26.2 21.1 31.7

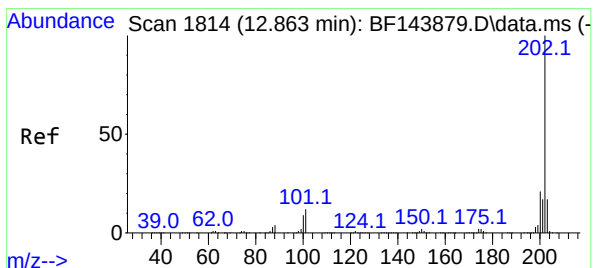
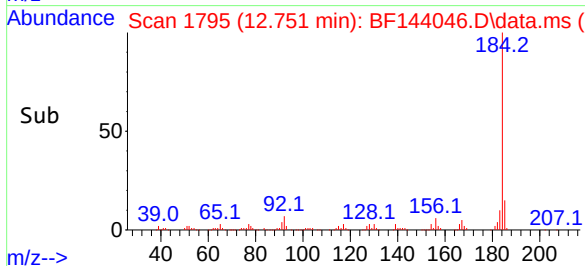
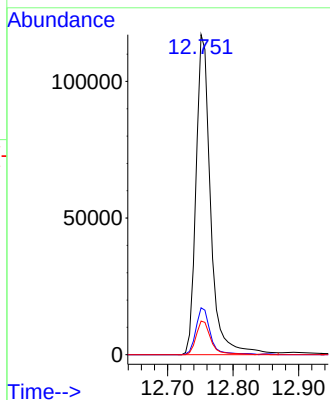
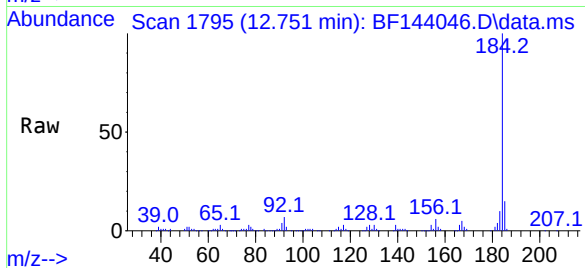




#77  
Benzidine  
Concen: 37.203 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

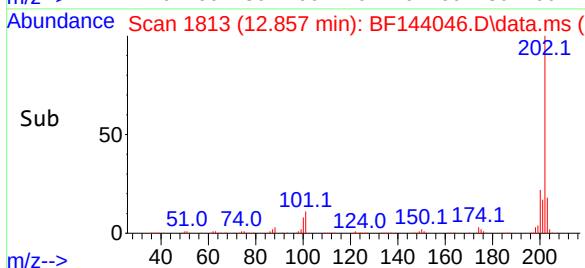
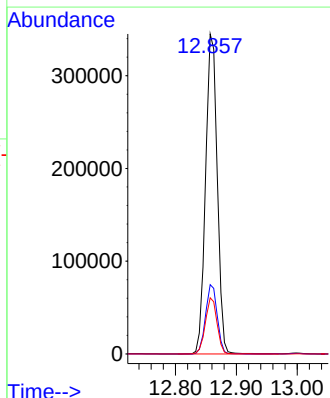
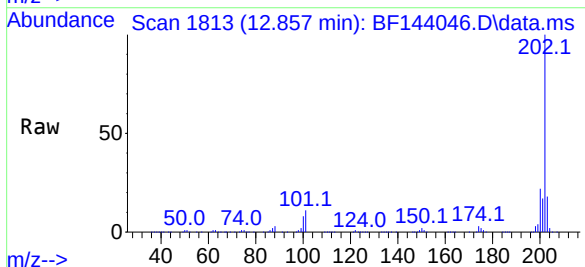
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

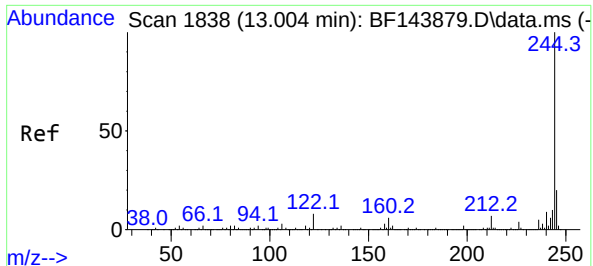
Tgt Ion:184 Resp: 182031  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.6 18.8  
183 10.5 8.8 13.2



#78  
Pyrene  
Concen: 39.167 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:202 Resp: 460135  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.0 25.6  
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 53.397 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

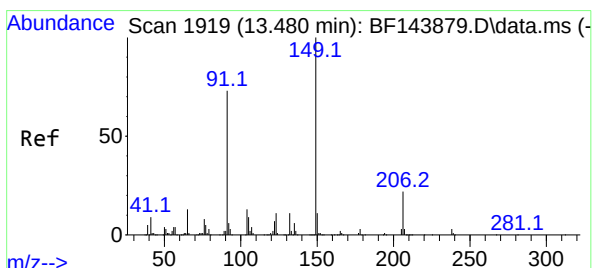
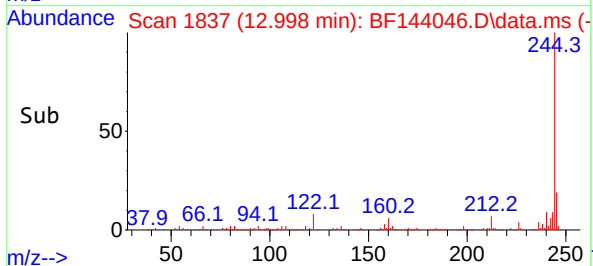
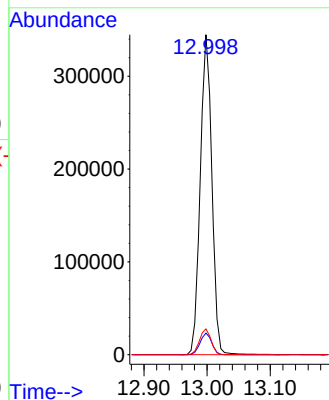
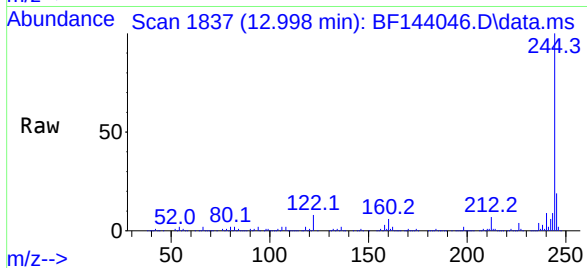
Tgt Ion:244 Resp: 440266

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.0 6.4 9.6



#80

Butylbenzylphthalate

Concen: 47.728 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

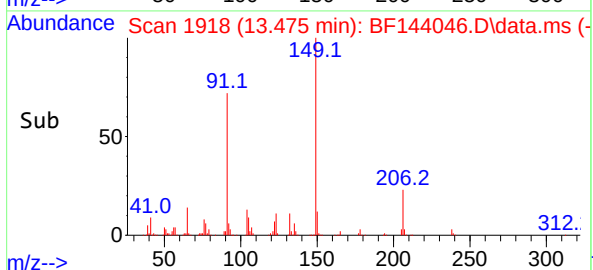
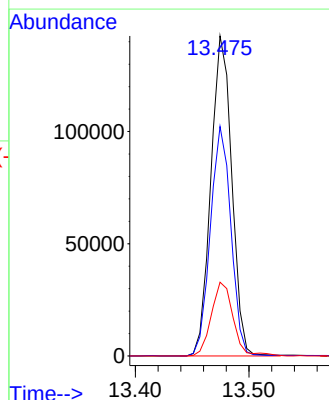
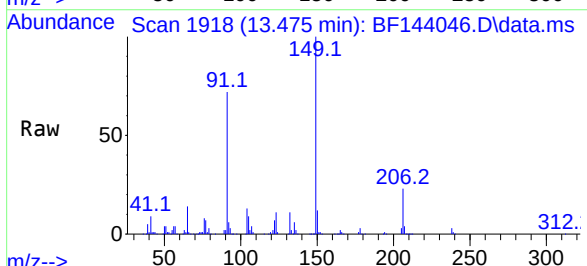
Tgt Ion:149 Resp: 182101

Ion Ratio Lower Upper

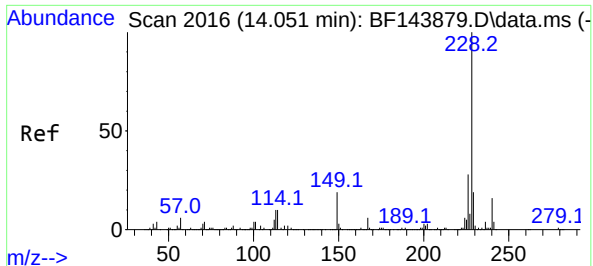
149 100

91 71.7 58.2 87.2

206 23.0 17.9 26.9



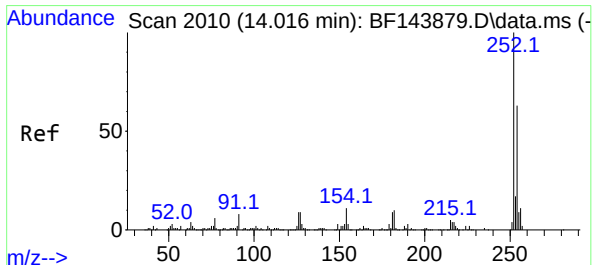
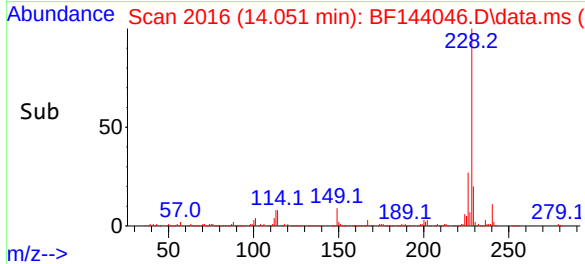
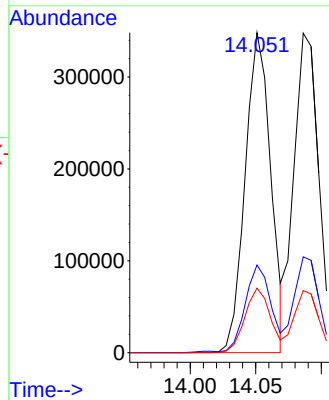
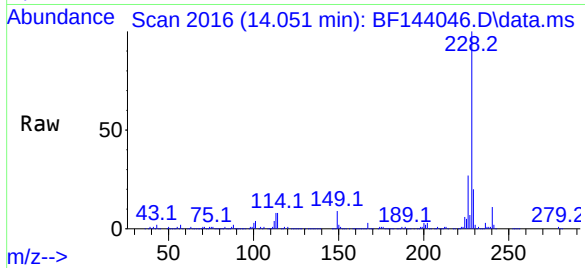




#81  
Benzo(a)anthracene  
Concen: 51.281 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

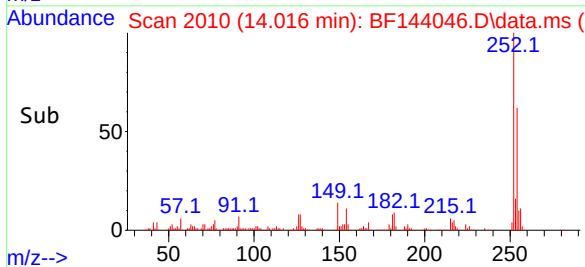
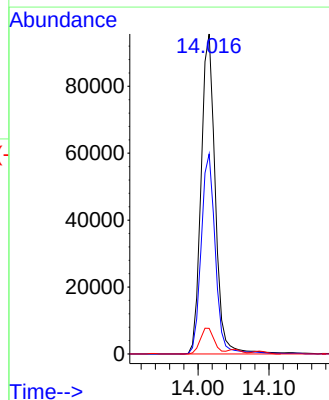
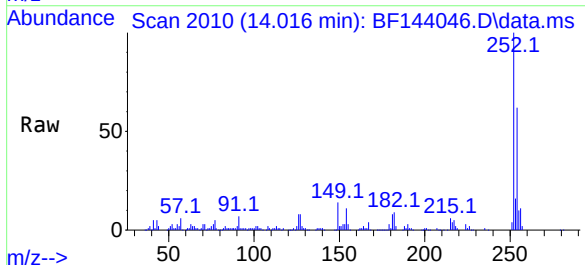
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

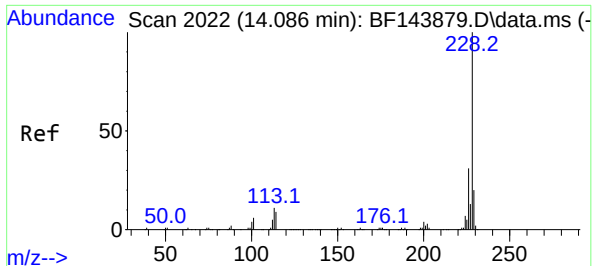
Tgt Ion:228 Resp: 472894  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.2 33.2  
229 20.2 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 47.187 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:252 Resp: 132609  
Ion Ratio Lower Upper  
252 100  
254 62.5 50.6 76.0  
126 8.0 7.0 10.6

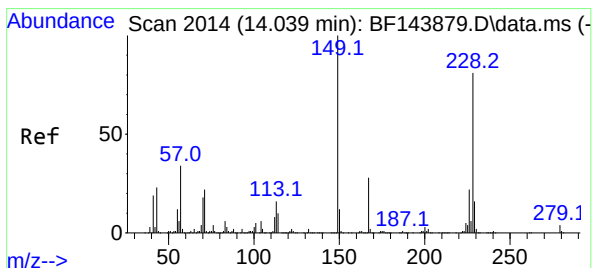
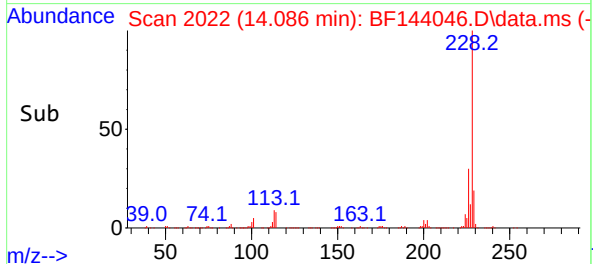
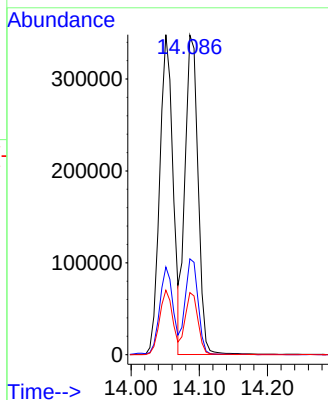
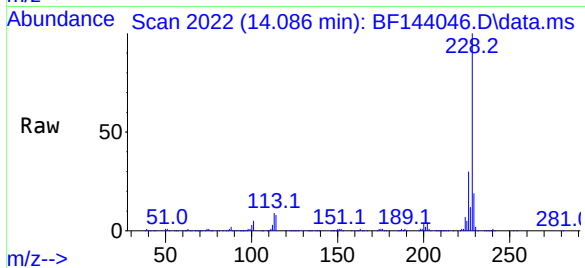




#83  
Chrysene  
Concen: 53.811 ng  
RT: 14.086 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

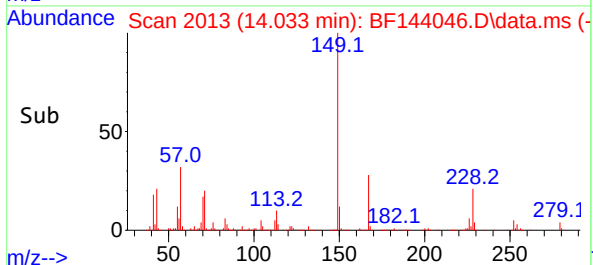
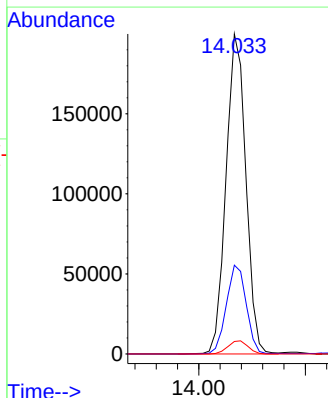
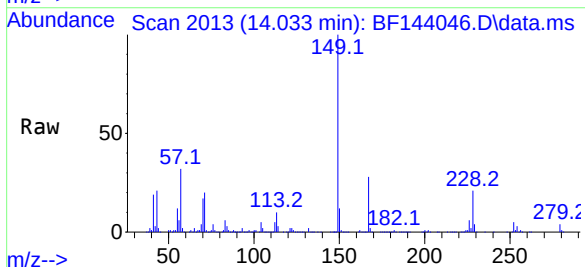
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

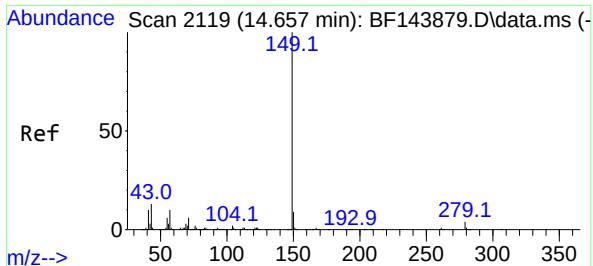
Tgt Ion:228 Resp: 459269  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.4 36.6  
229 19.4 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 56.225 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:149 Resp: 258590  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.2 33.4  
279 3.9 3.1 4.7

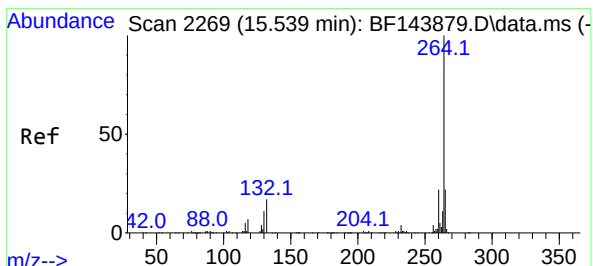
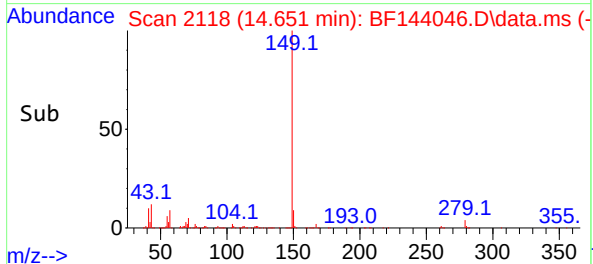
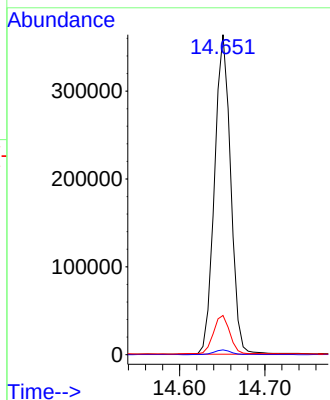
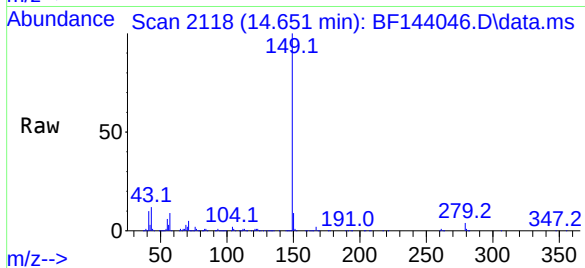




#85  
Di-n-octyl phthalate  
Concen: 63.374 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

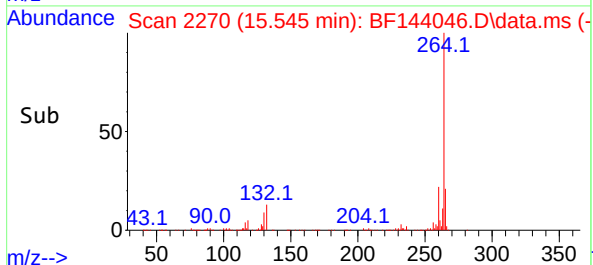
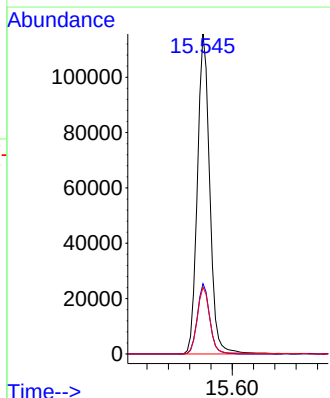
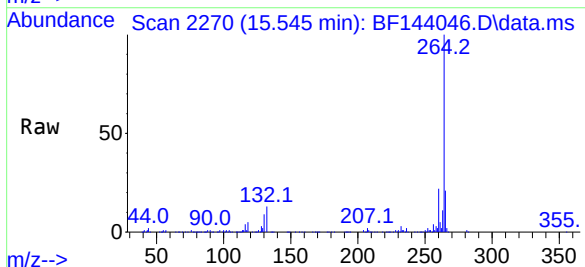
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

Tgt Ion:149 Resp: 478725  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.1 1.7#  
43 12.6 11.0 16.4

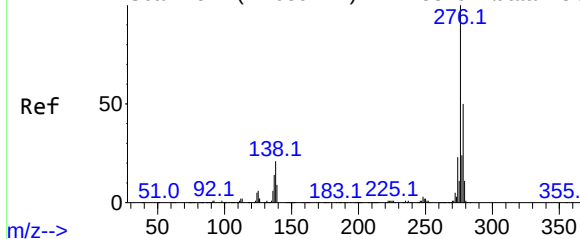


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:264 Resp: 186035  
Ion Ratio Lower Upper  
264 100  
260 21.9 17.8 26.8  
265 20.8 17.5 26.3



Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.127 ng

RT: 17.051 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

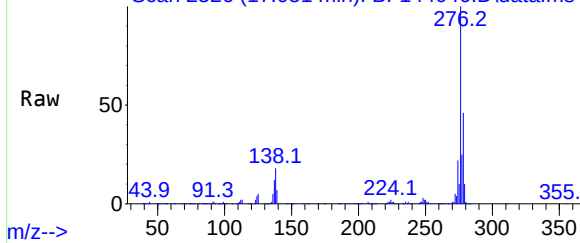
Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

m/z--&gt; Abundance Scan 2526 (17.051 min): BF144046.D\data.ms



Tgt Ion:276 Resp: 468814

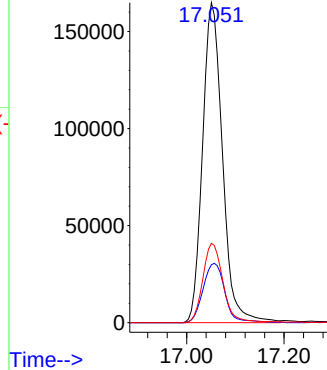
Ion Ratio Lower Upper

276 100

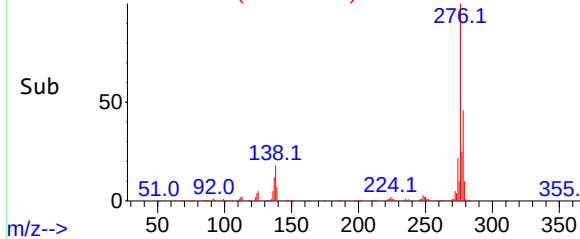
138 20.3 18.2 27.2

277 25.0 19.8 29.6

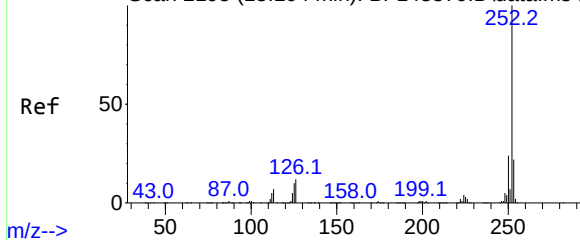
Abundance



Abundance Scan 2526 (17.051 min): BF144046.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 51.407 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:252 Resp: 549352

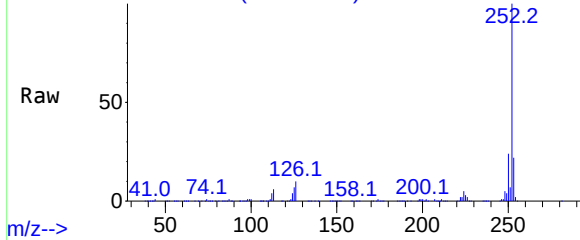
Ion Ratio Lower Upper

252 100

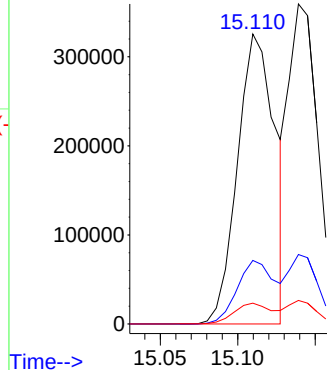
253 21.9 17.4 26.2

125 7.2 7.8 11.6#

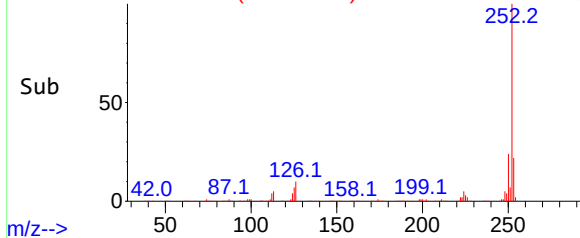
m/z--&gt; Abundance Scan 2196 (15.110 min): BF144046.D\data.ms

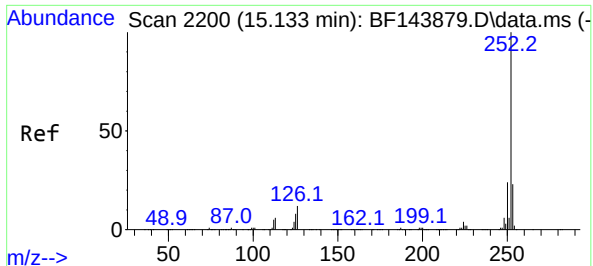


Abundance



Abundance Scan 2196 (15.110 min): BF144046.D\data.ms (-





#89

Benzo(k)fluoranthene

Concen: 49.012 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA\_F

ClientSampleId :

COMP-ROLLOFFMSD

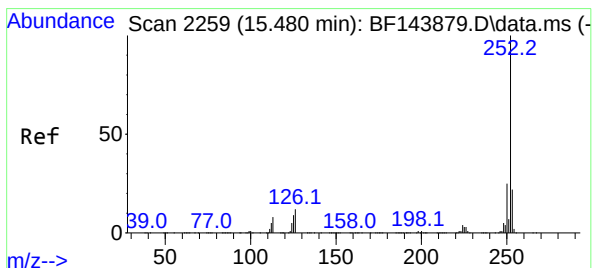
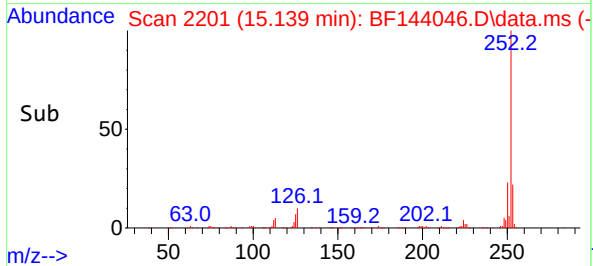
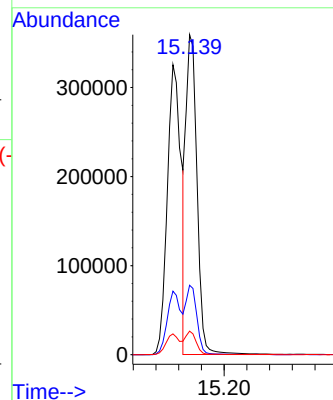
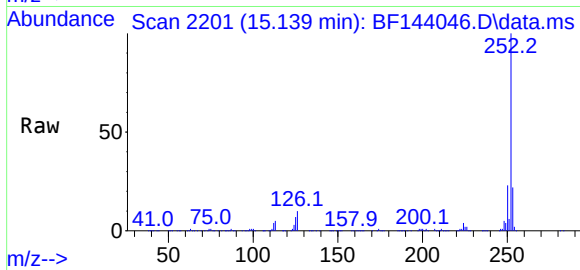
Tgt Ion:252 Resp: 484648

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 7.3 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 52.902 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

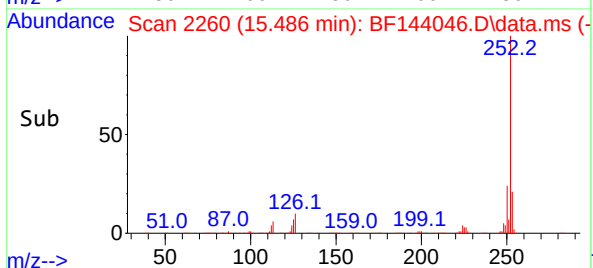
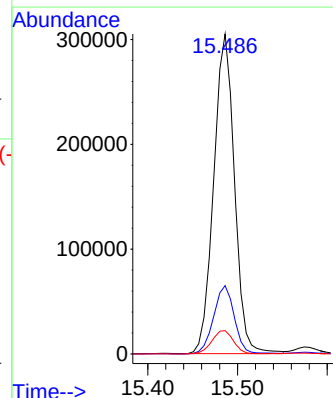
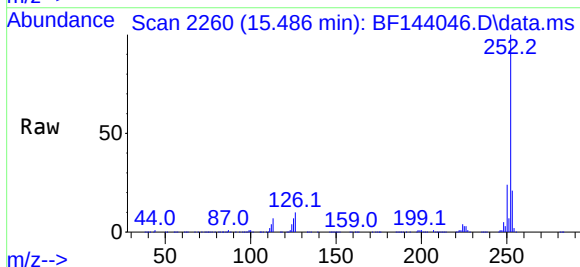
Tgt Ion:252 Resp: 490198

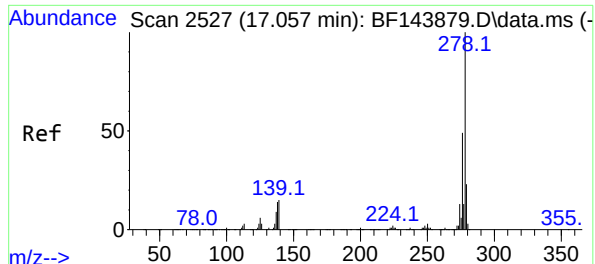
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 7.3 7.0 10.4

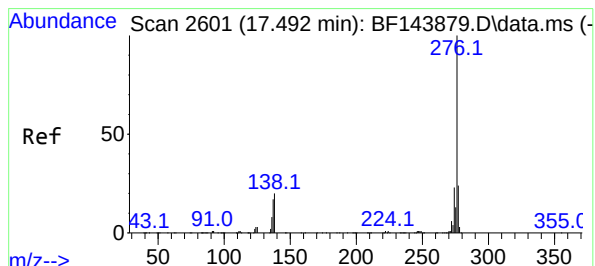
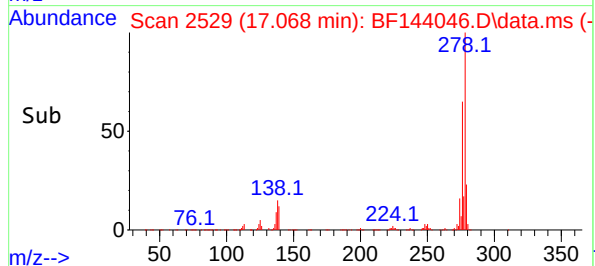
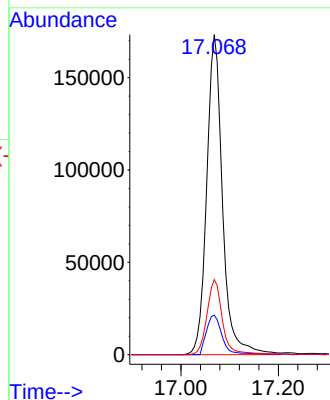
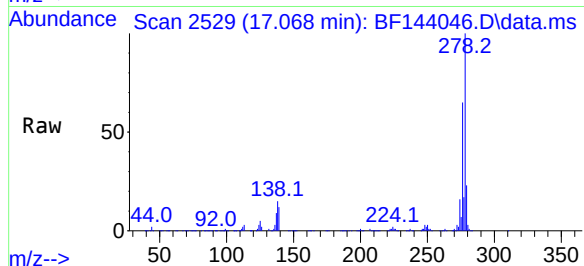




#91  
Dibenzo(a,h)anthracene  
Concen: 42.589 ng  
RT: 17.068 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

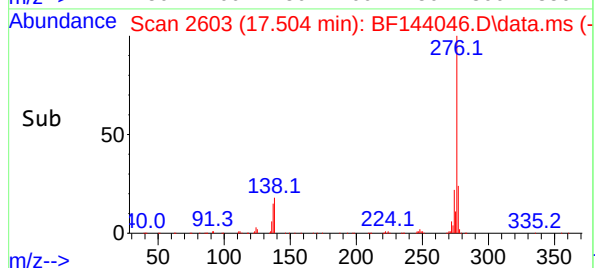
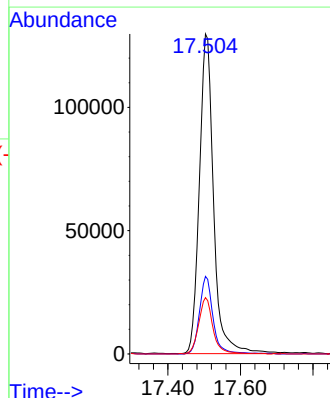
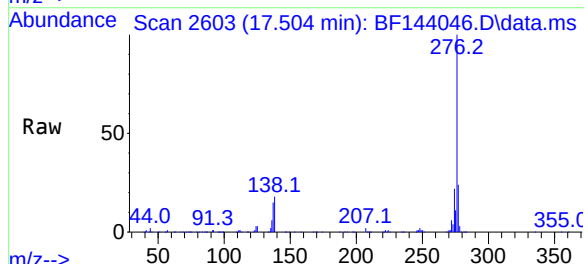
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-ROLLOFFMSD

Tgt Ion:278 Resp: 390451  
Ion Ratio Lower Upper  
278 100  
139 12.4 11.7 17.5  
279 23.4 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 38.435 ng  
RT: 17.504 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF144046.D  
Acq: 22 Oct 2025 17:17

Tgt Ion:276 Resp: 352371  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.0 28.6  
138 17.6 16.1 24.1



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | BF100625 | Instrument | BNA_f |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On         | Reason                      |
|-------------|------------|--------------|-----------|----------------------|---------------|-----------------------|-----------------------------|
| SSTDICC005  | BF143876.D | Phenol       | rahul     | 10/7/2025 9:06:31 AM | Jagrut        | 10/7/2025 11:32:03 AM | Peak Integrated by Software |
| SSTDICC010  | BF143877.D | Benzoic acid | rahul     | 10/7/2025 9:06:33 AM | Jagrut        | 10/7/2025 11:32:06 AM | Peak Integrated by Software |
| SSTDICC010  | BF143877.D | Phenol       | rahul     | 10/7/2025 9:06:33 AM | Jagrut        | 10/7/2025 11:32:06 AM | Peak Integrated by Software |
| SSTDICC020  | BF143878.D | Benzoic acid | rahul     | 10/7/2025 9:06:36 AM | Jagrut        | 10/7/2025 11:32:08 AM | Peak Integrated by Software |
| SSTDICC020  | BF143878.D | Phenol       | rahul     | 10/7/2025 9:06:36 AM | Jagrut        | 10/7/2025 11:32:08 AM | Peak Integrated by Software |
| SSTDICCC040 | BF143879.D | Benzoic acid | rahul     | 10/7/2025 9:06:41 AM | Jagrut        | 10/7/2025 11:32:10 AM | Peak Integrated by Software |
| SSTDICCC040 | BF143879.D | Phenol       | rahul     | 10/7/2025 9:06:41 AM | Jagrut        | 10/7/2025 11:32:10 AM | Peak Integrated by Software |
| SSTDICC080  | BF143882.D | Benzoic acid | rahul     | 10/7/2025 9:06:44 AM | Jagrut        | 10/7/2025 11:32:12 AM | Peak Integrated by Software |
| SSTDICV040  | BF143883.D | Phenol       | rahul     | 10/7/2025 9:06:46 AM | Jagrut        | 10/7/2025 11:32:15 AM | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

BF102225

Instrument

BNA\_f

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:

BF102425

Instrument

BNA\_f

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:

BF102725

Instrument

BNA\_f

| Sample ID  | File ID    | Parameter                     | Review By | Review On                 | Supervised By | Supervised On            | Reason                      |
|------------|------------|-------------------------------|-----------|---------------------------|---------------|--------------------------|-----------------------------|
| PB170206BS | BF144076.D | 2,3,4,6-Tetrachlorophen<br>ol | rahul     | 10/28/2025<br>11:49:40 AM | mohammad      | 10/30/2025<br>8:49:59 AM | Peak Integrated by Software |
| PB170206BS | BF144076.D | Caprolactam                   | rahul     | 10/28/2025<br>11:49:40 AM | mohammad      | 10/30/2025<br>8:49:59 AM | Peak Integrated by Software |

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF100625**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | Rahul                                                   | Review On            | 10/6/2025 4:17:39 PM  |
| Supervise By             | Jagrut                                                  | Supervise On         | 10/7/2025 11:32:28 AM |
| SubDirectory             | BF100625                                                | HP Acquire Method    | BNA_F                 |
|                          |                                                         | HP Processing Method | bf100625              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6875                                                  |                      |                       |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                       |
| CCC                      | SP6860                                                  |                      |                       |
| Internal Standard/PEM    | S13177,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6872                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BF143874.D     | 06 Oct 2025 09:30 | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | BF143875.D     | 06 Oct 2025 09:59 | RC/JU    | Ok     |
| 3   | SSTDICC005  | BF143876.D     | 06 Oct 2025 10:28 | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | BF143877.D     | 06 Oct 2025 10:57 | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | BF143878.D     | 06 Oct 2025 11:56 | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | BF143879.D     | 06 Oct 2025 12:54 | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | BF143880.D     | 06 Oct 2025 13:23 | RC/JU    | Ok     |
| 8   | SSTDICC060  | BF143881.D     | 06 Oct 2025 13:53 | RC/JU    | Ok     |
| 9   | SSTDICC080  | BF143882.D     | 06 Oct 2025 14:22 | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | BF143883.D     | 06 Oct 2025 16:08 | RC/JU    | Ok,M   |
| 11  | PB169953BL  | BF143884.D     | 06 Oct 2025 16:38 | RC/JU    | Not Ok |
| 12  | PB169953BS  | BF143885.D     | 06 Oct 2025 17:07 | RC/JU    | Not Ok |

M : Manual Integration

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102225**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | rahul                                                   | Review On            | 10/28/2025 9:35:43 AM |
| Supervise By             | mohammad                                                | Supervise On         | 10/28/2025 9:38:00 AM |
| SubDirectory             | BF102225                                                | HP Acquire Method    | BNA_F                 |
|                          |                                                         | HP Processing Method | BF100625              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6875                                                  |                      |                       |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                       |
| CCC                      | SP6860                                                  |                      |                       |
| Internal Standard/PEM    | S13179,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6872                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------|----------------|-------------------|----------|----------|
| 1   | DFTPP       | BF144031.D     | 22 Oct 2025 09:26 | RC/JU    | Ok       |
| 2   | SSTDCCC040  | BF144032.D     | 22 Oct 2025 10:25 | RC/JU    | Ok       |
| 3   | PB170180BL  | BF144033.D     | 22 Oct 2025 10:54 | RC/JU    | Ok       |
| 4   | PB170180BS  | BF144034.D     | 22 Oct 2025 11:23 | RC/JU    | Ok,M     |
| 5   | Q3393-05    | BF144035.D     | 22 Oct 2025 11:57 | RC/JU    | Ok       |
| 6   | Q3393-01    | BF144036.D     | 22 Oct 2025 12:26 | RC/JU    | Ok       |
| 7   | Q3393-04    | BF144037.D     | 22 Oct 2025 12:55 | RC/JU    | Ok       |
| 8   | Q3393-03    | BF144038.D     | 22 Oct 2025 13:24 | RC/JU    | Ok       |
| 9   | Q3376-03    | BF144039.D     | 22 Oct 2025 13:53 | RC/JU    | Ok       |
| 10  | Q3376-04    | BF144040.D     | 22 Oct 2025 14:22 | RC/JU    | Ok       |
| 11  | Q3376-05    | BF144041.D     | 22 Oct 2025 14:51 | RC/JU    | ReRun    |
| 12  | Q3392-08RE  | BF144042.D     | 22 Oct 2025 15:20 | RC/JU    | Confirms |
| 13  | Q3399-01    | BF144043.D     | 22 Oct 2025 15:49 | RC/JU    | Ok       |
| 14  | Q3404-01    | BF144044.D     | 22 Oct 2025 16:18 | RC/JU    | ReRun    |
| 15  | Q3399-01MS  | BF144045.D     | 22 Oct 2025 16:48 | RC/JU    | Ok       |
| 16  | Q3399-01MSD | BF144046.D     | 22 Oct 2025 17:17 | RC/JU    | Ok       |
| 17  | Q3416-01    | BF144047.D     | 22 Oct 2025 17:46 | RC/JU    | ReRun    |
| 18  | Q3403-04    | BF144048.D     | 22 Oct 2025 18:15 | RC/JU    | Ok       |
| 19  | Q3412-04    | BF144049.D     | 22 Oct 2025 18:45 | RC/JU    | ReRun    |
| 20  | Q3404-04    | BF144050.D     | 22 Oct 2025 19:14 | RC/JU    | Ok       |

M : Manual Integration

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102425**

|                          |                                                         |                      |                        |
|--------------------------|---------------------------------------------------------|----------------------|------------------------|
| Review By                | rahul                                                   | Review On            | 10/27/2025 10:16:31 AM |
| Supervise By             | Jagrut                                                  | Supervise On         | 10/27/2025 4:26:19 PM  |
| SubDirectory             | BF102425                                                | HP Acquire Method    | BNA_F                  |
|                          |                                                         | HP Processing Method | BF102425               |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                        |
| Tune/Reschk              | SP6875                                                  |                      |                        |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                        |
| CCC                      | SP6860                                                  |                      |                        |
| Internal Standard/PEM    | S13179,10ul/1000ul sample                               |                      |                        |
| ICV/I.BLK                | SP6872                                                  |                      |                        |
| Surrogate Standard       |                                                         |                      |                        |
| MS/MSD Standard          |                                                         |                      |                        |
| LCS Standard             |                                                         |                      |                        |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------|----------------|-------------------|----------|----------|
| 1   | DFTPP       | BF144055.D     | 24 Oct 2025 09:45 | RC/JU    | Ok       |
| 2   | SSTDICC2.5  | BF144056.D     | 24 Oct 2025 10:13 | RC/JU    | Ok       |
| 3   | SSTDICC005  | BF144057.D     | 24 Oct 2025 10:42 | RC/JU    | Ok       |
| 4   | SSTDICC010  | BF144058.D     | 24 Oct 2025 11:39 | RC/JU    | Ok       |
| 5   | SSTDICC020  | BF144059.D     | 24 Oct 2025 12:36 | RC/JU    | Ok       |
| 6   | SSTDICCC040 | BF144060.D     | 24 Oct 2025 13:05 | RC/JU    | Ok       |
| 7   | SSTDICC050  | BF144061.D     | 24 Oct 2025 13:34 | RC/JU    | Ok       |
| 8   | SSTDICC060  | BF144062.D     | 24 Oct 2025 14:03 | RC/JU    | Not Ok   |
| 9   | SSTDICC080  | BF144063.D     | 24 Oct 2025 14:32 | RC/JU    | Ok       |
| 10  | SSTDICC060  | BF144064.D     | 24 Oct 2025 16:24 | RC/JU    | Ok       |
| 11  | SSTDICV040  | BF144065.D     | 24 Oct 2025 17:22 | RC/JU    | Ok       |
| 12  | PB170222BL  | BF144066.D     | 24 Oct 2025 17:51 | RC/JU    | Ok       |
| 13  | Q3431-01    | BF144067.D     | 24 Oct 2025 18:20 | RC/JU    | Ok,M     |
| 14  | Q3431-01DL  | BF144068.D     | 24 Oct 2025 18:48 | RC/JU    | Not Ok   |
| 15  | Q3405-01    | BF144069.D     | 24 Oct 2025 19:17 | RC/JU    | Ok       |
| 16  | Q3406-01    | BF144070.D     | 24 Oct 2025 19:46 | RC/JU    | Ok       |
| 17  | Q3412-01    | BF144071.D     | 24 Oct 2025 20:15 | RC/JU    | Dilution |
| 18  | Q3445-01    | BF144072.D     | 24 Oct 2025 20:44 | RC/JU    | Ok,M     |

M : Manual Integration

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102725**

|                          |                                                         |                      |                        |
|--------------------------|---------------------------------------------------------|----------------------|------------------------|
| Review By                | rahul                                                   | Review On            | 10/28/2025 11:50:33 AM |
| Supervise By             | mohammad                                                | Supervise On         | 10/30/2025 8:49:59 AM  |
| SubDirectory             | BF102725                                                | HP Acquire Method    | BNA_F                  |
|                          |                                                         | HP Processing Method | BF102425               |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                        |
| Tune/Reschk              | SP6875                                                  |                      |                        |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                        |
| CCC                      | SP6860                                                  |                      |                        |
| Internal Standard/PEM    | S13180,10ul/1000ul sample                               |                      |                        |
| ICV/I.BLK                | SP6872                                                  |                      |                        |
| Surrogate Standard       |                                                         |                      |                        |
| MS/MSD Standard          |                                                         |                      |                        |
| LCS Standard             |                                                         |                      |                        |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BF144073.D     | 27 Oct 2025 09:29 | RC/JU    | Ok     |
| 2   | SSTDCCC040  | BF144074.D     | 27 Oct 2025 10:27 | RC/JU    | Ok     |
| 3   | PB170206BL  | BF144075.D     | 27 Oct 2025 10:57 | RC/JU    | Ok     |
| 4   | PB170206BS  | BF144076.D     | 27 Oct 2025 11:27 | RC/JU    | Ok,M   |
| 5   | PB170210BS  | BF144077.D     | 27 Oct 2025 11:56 | RC/JU    | Ok,M   |
| 6   | PB170210BL  | BF144078.D     | 27 Oct 2025 12:26 | RC/JU    | Ok     |
| 7   | Q3385-04    | BF144079.D     | 27 Oct 2025 13:04 | RC/JU    | Ok     |
| 8   | Q3385-05MS  | BF144080.D     | 27 Oct 2025 13:34 | RC/JU    | Ok     |
| 9   | Q3385-06MSD | BF144081.D     | 27 Oct 2025 14:04 | RC/JU    | Ok     |
| 10  | Q3404-01    | BF144082.D     | 27 Oct 2025 14:34 | RC/JU    | Ok,M   |
| 11  | Q3412-04    | BF144083.D     | 27 Oct 2025 15:03 | RC/JU    | Ok     |
| 12  | Q3449-06    | BF144084.D     | 27 Oct 2025 15:33 | RC/JU    | Ok     |
| 13  | Q3416-01    | BF144085.D     | 27 Oct 2025 16:03 | RC/JU    | Ok,M   |
| 14  | Q3395-02    | BF144086.D     | 27 Oct 2025 16:33 | RC/JU    | Ok     |
| 15  | Q3395-03MS  | BF144087.D     | 27 Oct 2025 17:03 | RC/JU    | Ok,M   |
| 16  | Q3395-04MSD | BF144088.D     | 27 Oct 2025 17:33 | RC/JU    | Ok,M   |
| 17  | Q3412-01DL  | BF144089.D     | 27 Oct 2025 18:03 | RC/JU    | Ok,M   |
| 18  | Q3447-03    | BF144090.D     | 27 Oct 2025 18:32 | RC/JU    | Ok     |
| 19  | Q3447-05    | BF144091.D     | 27 Oct 2025 19:02 | RC/JU    | Ok     |
| 20  | Q3449-01    | BF144092.D     | 27 Oct 2025 19:32 | RC/JU    | Ok,M   |
| 21  | Q3440-01    | BF144093.D     | 27 Oct 2025 20:02 | RC/JU    | Ok,M   |

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102725**

| Review By                | rahul                                                   | Review On            | 10/28/2025 11:50:33 AM |
|--------------------------|---------------------------------------------------------|----------------------|------------------------|
| Supervise By             | mohammad                                                | Supervise On         | 10/30/2025 8:49:59 AM  |
| SubDirectory             | BF102725                                                | HP Acquire Method    | BNA_F                  |
|                          |                                                         | HP Processing Method | BF102425               |
| STD. NAME                | STD REF.#                                               |                      |                        |
| Tune/Reschk              | SP6875                                                  |                      |                        |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                        |
| CCC                      | SP6860                                                  |                      |                        |
| Internal Standard/PEM    | S13180,10ul/1000ul sample                               |                      |                        |
| ICV/I.BLK                | SP6872                                                  |                      |                        |
| Surrogate Standard       |                                                         |                      |                        |
| MS/MSD Standard          |                                                         |                      |                        |
| LCS Standard             |                                                         |                      |                        |

|    |          |            |                   |       |          |
|----|----------|------------|-------------------|-------|----------|
| 22 | Q3447-01 | BF144094.D | 27 Oct 2025 20:32 | RC/JU | Dilution |
| 23 | Q3447-07 | BF144095.D | 27 Oct 2025 21:02 | RC/JU | Ok,M     |

M : Manual Integration

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF100625**

|              |          |                   |                       |                      |          |
|--------------|----------|-------------------|-----------------------|----------------------|----------|
| Review By    | Rahul    | Review On         | 10/6/2025 4:17:39 PM  |                      |          |
| Supervise By | Jagrut   | Supervise On      | 10/7/2025 11:32:28 AM |                      |          |
| SubDirectory | BF100625 | HP Acquire Method | BNA_F                 | HP Processing Method | bf100625 |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13177,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6872                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID    | Data File Name | Date-Time         | Comment                               | Operator | Status |
|-----|-------------|-------------|----------------|-------------------|---------------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP       | BF143874.D     | 06 Oct 2025 09:30 |                                       | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5  | BF143875.D     | 06 Oct 2025 09:59 |                                       | RC/JU    | Ok     |
| 3   | SSTDICC005  | SSTDICC005  | BF143876.D     | 06 Oct 2025 10:28 |                                       | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | SSTDICC010  | BF143877.D     | 06 Oct 2025 10:57 |                                       | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | SSTDICC020  | BF143878.D     | 06 Oct 2025 11:56 |                                       | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | SSTDICCC040 | BF143879.D     | 06 Oct 2025 12:54 | compound #54 kept on LR               | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | SSTDICC050  | BF143880.D     | 06 Oct 2025 13:23 |                                       | RC/JU    | Ok     |
| 8   | SSTDICC060  | SSTDICC060  | BF143881.D     | 06 Oct 2025 13:53 |                                       | RC/JU    | Ok     |
| 9   | SSTDICC080  | SSTDICC080  | BF143882.D     | 06 Oct 2025 14:22 | Compound #45 & #77 removed from 80PPM | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | ICVBF100625 | BF143883.D     | 06 Oct 2025 16:08 |                                       | RC/JU    | Ok,M   |
| 11  | PB169953BL  | PB169953BL  | BF143884.D     | 06 Oct 2025 16:38 | Surrogate Fail                        | RC/JU    | Not Ok |
| 12  | PB169953BS  | PB169953BS  | BF143885.D     | 06 Oct 2025 17:07 | Surrogate Fail                        | RC/JU    | Not Ok |

M : Manual Integration



Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102225**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | rahul    | Review On            | 10/28/2025 9:35:43 AM |
| Supervise By | mohammad | Supervise On         | 10/28/2025 9:38:00 AM |
| SubDirectory | BF102225 | HP Acquire Method    | BNA_F                 |
|              |          | HP Processing Method | BF100625              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13179,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6872                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID            | Data File Name | Date-Time         | Comment                                        | Operator | Status   |
|-----|-------------|---------------------|----------------|-------------------|------------------------------------------------|----------|----------|
| 1   | DFTPP       | DFTPP               | BF144031.D     | 22 Oct 2025 09:26 |                                                | RC/JU    | Ok       |
| 2   | SSTDCCC040  | SSTDCCC040          | BF144032.D     | 22 Oct 2025 10:25 | CCC fail high side for com. #92                | RC/JU    | Ok       |
| 3   | PB170180BL  | PB170180BL          | BF144033.D     | 22 Oct 2025 10:54 |                                                | RC/JU    | Ok       |
| 4   | PB170180BS  | PB170180BS          | BF144034.D     | 22 Oct 2025 11:23 |                                                | RC/JU    | Ok,M     |
| 5   | Q3393-05    | PR132-S08-000013-20 | BF144035.D     | 22 Oct 2025 11:57 |                                                | RC/JU    | Ok       |
| 6   | Q3393-01    | PR132-S10-000022-20 | BF144036.D     | 22 Oct 2025 12:26 |                                                | RC/JU    | Ok       |
| 7   | Q3393-04    | PR132-S06-000021-20 | BF144037.D     | 22 Oct 2025 12:55 |                                                | RC/JU    | Ok       |
| 8   | Q3393-03    | PR132-S08-013038-20 | BF144038.D     | 22 Oct 2025 13:24 |                                                | RC/JU    | Ok       |
| 9   | Q3376-03    | PR132-COMP2-202510  | BF144039.D     | 22 Oct 2025 13:53 |                                                | RC/JU    | Ok       |
| 10  | Q3376-04    | PR132-S12-047072-20 | BF144040.D     | 22 Oct 2025 14:22 |                                                | RC/JU    | Ok       |
| 11  | Q3376-05    | PR132-S12-020047-20 | BF144041.D     | 22 Oct 2025 14:51 | Internal standard fail                         | RC/JU    | ReRun    |
| 12  | Q3392-08RE  | MH-19RE             | BF144042.D     | 22 Oct 2025 15:20 | Internal Standard Fail                         | RC/JU    | Confirms |
| 13  | Q3399-01    | COMP-ROLLOFF        | BF144043.D     | 22 Oct 2025 15:49 | Internal Standard Fail- confirmed in MS & MSD. | RC/JU    | Ok       |
| 14  | Q3404-01    | MOO-25-0285-0288    | BF144044.D     | 22 Oct 2025 16:18 | Internal standard fail                         | RC/JU    | ReRun    |
| 15  | Q3399-01MS  | COMP-ROLLOFFMS      | BF144045.D     | 22 Oct 2025 16:48 | Internal standard fail                         | RC/JU    | Ok       |
| 16  | Q3399-01MSD | COMP-ROLLOFFMSD     | BF144046.D     | 22 Oct 2025 17:17 | Internal standard fail                         | RC/JU    | Ok       |
| 17  | Q3416-01    | NB-08-10212025      | BF144047.D     | 22 Oct 2025 17:46 | Internal standard fail                         | RC/JU    | ReRun    |

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102225**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | rahul    | Review On            | 10/28/2025 9:35:43 AM |
| Supervise By | mohammad | Supervise On         | 10/28/2025 9:38:00 AM |
| SubDirectory | BF102225 | HP Acquire Method    | BNA_F                 |
|              |          | HP Processing Method | BF100625              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13179,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6872                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

|    |          |             |            |                   |                        |       |       |
|----|----------|-------------|------------|-------------------|------------------------|-------|-------|
| 18 | Q3403-04 | MH-18       | BF144048.D | 22 Oct 2025 18:15 | Internal standard fail | RC/JU | Ok    |
| 19 | Q3412-04 | TP-6        | BF144049.D | 22 Oct 2025 18:45 | Internal Standard Fail | RC/JU | ReRun |
| 20 | Q3404-04 | MOO-25-0292 | BF144050.D | 22 Oct 2025 19:14 | Internal Standard Fail | RC/JU | Ok    |

M : Manual Integration

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102425**

|              |          |                      |                        |
|--------------|----------|----------------------|------------------------|
| Review By    | rahul    | Review On            | 10/27/2025 10:16:31 AM |
| Supervise By | Jagrut   | Supervise On         | 10/27/2025 4:26:19 PM  |
| SubDirectory | BF102425 | HP Acquire Method    | BNA_F                  |
|              |          | HP Processing Method | BF102425               |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13179,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6872                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID         | Data File Name | Date-Time         | Comment          | Operator | Status   |
|-----|-------------|------------------|----------------|-------------------|------------------|----------|----------|
| 1   | DFTPP       | DFTPP            | BF144055.D     | 24 Oct 2025 09:45 |                  | RC/JU    | Ok       |
| 2   | SSTDICC2.5  | SSTDICC2.5       | BF144056.D     | 24 Oct 2025 10:13 |                  | RC/JU    | Ok       |
| 3   | SSTDICC005  | SSTDICC005       | BF144057.D     | 24 Oct 2025 10:42 |                  | RC/JU    | Ok       |
| 4   | SSTDICC010  | SSTDICC010       | BF144058.D     | 24 Oct 2025 11:39 |                  | RC/JU    | Ok       |
| 5   | SSTDICC020  | SSTDICC020       | BF144059.D     | 24 Oct 2025 12:36 |                  | RC/JU    | Ok       |
| 6   | SSTDICCC040 | SSTDICCC040      | BF144060.D     | 24 Oct 2025 13:05 |                  | RC/JU    | Ok       |
| 7   | SSTDICC050  | SSTDICC050       | BF144061.D     | 24 Oct 2025 13:34 |                  | RC/JU    | Ok       |
| 8   | SSTDICC060  | SSTDICC060       | BF144062.D     | 24 Oct 2025 14:03 | Not Used         | RC/JU    | Not Ok   |
| 9   | SSTDICC080  | SSTDICC080       | BF144063.D     | 24 Oct 2025 14:32 |                  | RC/JU    | Ok       |
| 10  | SSTDICC060  | SSTDICC060       | BF144064.D     | 24 Oct 2025 16:24 |                  | RC/JU    | Ok       |
| 11  | SSTDICV040  | ICVBF102425      | BF144065.D     | 24 Oct 2025 17:22 |                  | RC/JU    | Ok       |
| 12  | PB170222BL  | PB170222BL       | BF144066.D     | 24 Oct 2025 17:51 |                  | RC/JU    | Ok       |
| 13  | Q3431-01    | EO-02-10222025   | BF144067.D     | 24 Oct 2025 18:20 |                  | RC/JU    | Ok,M     |
| 14  | Q3431-01DL  | EO-02-10222025DL | BF144068.D     | 24 Oct 2025 18:48 | Not Required     | RC/JU    | Not Ok   |
| 15  | Q3405-01    | PAD-10-20-25-A   | BF144069.D     | 24 Oct 2025 19:17 |                  | RC/JU    | Ok       |
| 16  | Q3406-01    | ARS20-0037       | BF144070.D     | 24 Oct 2025 19:46 |                  | RC/JU    | Ok       |
| 17  | Q3412-01    | TP-6             | BF144071.D     | 24 Oct 2025 20:15 | Need 5X Dilution | RC/JU    | Dilution |
| 18  | Q3445-01    | EO-01-102325     | BF144072.D     | 24 Oct 2025 20:44 |                  | RC/JU    | Ok,M     |

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102425**

| Review By                | rahul                                                   | Review On         | 10/27/2025 10:16:31 AM |                      |          |
|--------------------------|---------------------------------------------------------|-------------------|------------------------|----------------------|----------|
| Supervise By             | Jagrut                                                  | Supervise On      | 10/27/2025 4:26:19 PM  |                      |          |
| SubDirectory             | BF102425                                                | HP Acquire Method | BNA_F                  | HP Processing Method | BF102425 |
| STD. NAME                | STD REF.#                                               |                   |                        |                      |          |
| Tune/Reschk              | SP6875                                                  |                   |                        |                      |          |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                   |                        |                      |          |
| CCC                      | SP6860                                                  |                   |                        |                      |          |
| Internal Standard/PEM    | S13179,10ul/1000ul sample                               |                   |                        |                      |          |
| ICV/I.BLK                | SP6872                                                  |                   |                        |                      |          |
| Surrogate Standard       |                                                         |                   |                        |                      |          |
| MS/MSD Standard          |                                                         |                   |                        |                      |          |
| LCS Standard             |                                                         |                   |                        |                      |          |

M : Manual Integration

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102725**

|              |          |                      |                        |
|--------------|----------|----------------------|------------------------|
| Review By    | rahul    | Review On            | 10/28/2025 11:50:33 AM |
| Supervise By | mohammad | Supervise On         | 10/30/2025 8:49:59 AM  |
| SubDirectory | BF102725 | HP Acquire Method    | BNA_F                  |
|              |          | HP Processing Method | BF102425               |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13180,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6872                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID            | Data File Name | Date-Time         | Comment                                     | Operator | Status |
|-----|-------------|---------------------|----------------|-------------------|---------------------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP               | BF144073.D     | 27 Oct 2025 09:29 |                                             | RC/JU    | Ok     |
| 2   | SSTDCCC040  | SSTDCCC040          | BF144074.D     | 27 Oct 2025 10:27 |                                             | RC/JU    | Ok     |
| 3   | PB170206BL  | PB170206BL          | BF144075.D     | 27 Oct 2025 10:57 |                                             | RC/JU    | Ok     |
| 4   | PB170206BS  | PB170206BS          | BF144076.D     | 27 Oct 2025 11:27 |                                             | RC/JU    | Ok,M   |
| 5   | PB170210BS  | PB170210BS          | BF144077.D     | 27 Oct 2025 11:56 |                                             | RC/JU    | Ok,M   |
| 6   | PB170210BL  | PB170210BL          | BF144078.D     | 27 Oct 2025 12:26 |                                             | RC/JU    | Ok     |
| 7   | Q3385-04    | EFF-WW              | BF144079.D     | 27 Oct 2025 13:04 | Surrogates Failed. - Confirmed by MS / MSD. | RC/JU    | Ok     |
| 8   | Q3385-05MS  | EFF-WWMS            | BF144080.D     | 27 Oct 2025 13:34 | Surrogates Failed.                          | RC/JU    | Ok     |
| 9   | Q3385-06MSD | EFF-WWMSD           | BF144081.D     | 27 Oct 2025 14:04 | Surrogates Failed.                          | RC/JU    | Ok     |
| 10  | Q3404-01    | MOO-25-0285-0288    | BF144082.D     | 27 Oct 2025 14:34 |                                             | RC/JU    | Ok,M   |
| 11  | Q3412-04    | TP-6                | BF144083.D     | 27 Oct 2025 15:03 |                                             | RC/JU    | Ok     |
| 12  | Q3449-06    | CF-620-COMP-41      | BF144084.D     | 27 Oct 2025 15:33 |                                             | RC/JU    | Ok     |
| 13  | Q3416-01    | NB-08-10212025      | BF144085.D     | 27 Oct 2025 16:03 |                                             | RC/JU    | Ok,M   |
| 14  | Q3395-02    | PR132-S07-000102-22 | BF144086.D     | 27 Oct 2025 16:33 |                                             | RC/JU    | Ok     |
| 15  | Q3395-03MS  | PR132-S07-000102-22 | BF144087.D     | 27 Oct 2025 17:03 |                                             | RC/JU    | Ok,M   |
| 16  | Q3395-04MSD | PR132-S07-000102-22 | BF144088.D     | 27 Oct 2025 17:33 |                                             | RC/JU    | Ok,M   |
| 17  | Q3412-01DL  | TP-6DL              | BF144089.D     | 27 Oct 2025 18:03 |                                             | RC/JU    | Ok,M   |

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102725**

| Review By                | rahul                                                   | Review On         | 10/28/2025 11:50:33 AM |                      |          |
|--------------------------|---------------------------------------------------------|-------------------|------------------------|----------------------|----------|
| Supervise By             | mohammad                                                | Supervise On      | 10/30/2025 8:49:59 AM  |                      |          |
| SubDirectory             | BF102725                                                | HP Acquire Method | BNA_F                  | HP Processing Method | BF102425 |
| STD. NAME                | STD REF.#                                               |                   |                        |                      |          |
| Tune/Reschk              | SP6875                                                  |                   |                        |                      |          |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                   |                        |                      |          |
| CCC                      | SP6860                                                  |                   |                        |                      |          |
| Internal Standard/PEM    | S13180,10ul/1000ul sample                               |                   |                        |                      |          |
| ICV/I.BLK                | SP6872                                                  |                   |                        |                      |          |
| Surrogate Standard       |                                                         |                   |                        |                      |          |
| MS/MSD Standard          |                                                         |                   |                        |                      |          |
| LCS Standard             |                                                         |                   |                        |                      |          |

|    |          |                    |            |                   |                          |       |          |
|----|----------|--------------------|------------|-------------------|--------------------------|-------|----------|
| 18 | Q3447-03 | P001-TW2-251023-01 | BF144090.D | 27 Oct 2025 18:32 |                          | RC/JU | Ok       |
| 19 | Q3447-05 | P001-TW3-251023-01 | BF144091.D | 27 Oct 2025 19:02 |                          | RC/JU | Ok       |
| 20 | Q3449-01 | CF-620-COMP-41     | BF144092.D | 27 Oct 2025 19:32 |                          | RC/JU | Ok,M     |
| 21 | Q3440-01 | JB-2               | BF144093.D | 27 Oct 2025 20:02 |                          | RC/JU | Ok,M     |
| 22 | Q3447-01 | P001-TW1-251023-01 | BF144094.D | 27 Oct 2025 20:32 | Need further 2X Dilution | RC/JU | Dilution |
| 23 | Q3447-07 | P001-TW4-251023-01 | BF144095.D | 27 Oct 2025 21:02 |                          | RC/JU | Ok,M     |

M : Manual Integration

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/21/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:15  
Out Date: 10/22/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137592

| 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        |
|----------|---------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------|
| Q3399-01 | COMP-ROLLOFF        | 13     | 1.15           | 10.96        | 12.11                   | 11.00                     | 89.9    |                 |
| Q3401-01 | 41-CONCRETE         | 1      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3402-01 | 41-LA               | 2      | 1.15           | 10.90        | 12.05                   | 8.69                      | 69.2    |                 |
| Q3402-02 | 41-LA-E2            | 3      | 1.13           | 10.64        | 11.77                   | 10.2                      | 85.2    |                 |
| Q3402-04 | 41-RA               | 4      | 1.16           | 10.73        | 11.89                   | 7.61                      | 60.1    |                 |
| Q3402-05 | 41-RA-E2            | 5      | 1.16           | 10.98        | 12.14                   | 7.39                      | 56.7    |                 |
| Q3402-07 | 41-LB               | 6      | 1.16           | 10.77        | 11.93                   | 8.26                      | 65.9    |                 |
| Q3402-08 | 41-LB-E2            | 7      | 1.16           | 10.95        | 12.11                   | 6.22                      | 46.2    |                 |
| Q3402-10 | 41-RB               | 8      | 1.11           | 10.87        | 11.98                   | 7.01                      | 54.3    |                 |
| Q3402-11 | 41-RB-E2            | 9      | 1.15           | 10.68        | 11.83                   | 9.78                      | 80.8    |                 |
| Q3403-01 | MH-18               | 10     | 1.19           | 10.49        | 11.68                   | 10.75                     | 91.1    |                 |
| Q3403-02 | MH-18-EPH           | 11     | 1.16           | 10.66        | 11.82                   | 10.8                      | 90.4    |                 |
| Q3403-03 | MH-18-VOC           | 12     | 1.19           | 11.37        | 12.56                   | 11.59                     | 91.5    |                 |
| Q3404-01 | MOO-25-0285-0288    | 14     | 1.15           | 10.74        | 11.89                   | 10.22                     | 84.5    |                 |
| Q3404-03 | MOO-25-0285-0288-E2 | 15     | 1.19           | 10.42        | 11.61                   | 9.77                      | 82.3    |                 |
| Q3404-04 | MOO-25-0292         | 16     | 1.18           | 10.22        | 11.4                    | 10.5                      | 91.2    |                 |
| Q3404-07 | MOO-25-0292-EPH-2   | 17     | 1.14           | 10.27        | 11.41                   | 10.44                     | 90.6    |                 |
| Q3405-01 | PAD-10-20-25-A      | 18     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3405-02 | PAD-10-20-25-B      | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3405-03 | PAD-10-20-25-C      | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3405-04 | SW-10-20-25-A       | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3406-01 | ARS20-0037          | 22     | 1.18           | 11.19        | 12.37                   | 11.24                     | 89.9    |                 |
| Q3406-03 | ARS20-0037-E2       | 23     | 1.18           | 11.48        | 12.66                   | 11.4                      | 89.0    |                 |
| Q3407-01 | L35-A               | 24     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3407-02 | L35-B               | 25     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3407-03 | L36-A               | 26     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3407-04 | L36-B               | 27     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3407-05 | L37-A               | 28     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/21/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:15  
Out Date: 10/22/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137592

| 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 |
|----------|-----------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q3407-06 | L37-B           | 29     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-07 | L38-A           | 30     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-08 | L38-B           | 31     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-09 | L39-A           | 32     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-10 | L39-B           | 33     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-11 | L40-A           | 34     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-12 | L40-B           | 35     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-13 | L41-A           | 36     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-14 | L41-B           | 37     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-15 | L42-A           | 38     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-16 | L42-B           | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-17 | L43-A           | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-18 | L43-B           | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-19 | L44-A           | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-20 | L44-B           | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-21 | L45-A           | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-22 | L45-B           | 45     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-23 | L46-A           | 46     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-24 | L46-B           | 47     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-25 | L47-A           | 48     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-26 | L47-B           | 49     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-27 | L48-A           | 50     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-28 | L48-B           | 51     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-29 | L49-A           | 52     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-30 | L49-B           | 53     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-31 | L50-A           | 54     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-32 | L50-B           | 55     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |
| Q3407-33 | L51-A           | 56     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC     |





PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/21/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:15  
Out Date: 10/22/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137592

| 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         |
|----------|-----------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|------------------|
| Q3407-34 | L51-B                 | 57     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC             |
| Q3407-35 | L52-A                 | 58     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC             |
| Q3407-36 | L52-B                 | 59     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC             |
| Q3407-37 | L53-A                 | 60     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC             |
| Q3407-38 | L53-B                 | 61     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC             |
| Q3407-39 | 245F69-A              | 62     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC             |
| Q3407-40 | 245F69-B              | 63     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC             |
| Q3408-01 | ASPHALT-A             | 64     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | ASPHALT          |
| Q3408-02 | ASPHALT-B             | 65     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | ASPHALT          |
| Q3408-03 | ASPHALT-C             | 66     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | ASPHALT          |
| Q3408-04 | ASPHALT-D             | 67     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | ASPHALT          |
| Q3409-01 | EXCAVATION-AREA-A     | 68     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3409-02 | EXCAVATION-AREA-B     | 69     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3410-01 | WASTE                 | 70     | 1.14            | 10.45         | 11.59                    | 9.59                       | 80.9    |                  |
| Q3410-02 | VOC                   | 71     | 1.15            | 10.55         | 11.7                     | 9.64                       | 80.5    |                  |
| Q3410-03 | 1                     | 72     | 1.15            | 10.97         | 12.12                    | 9.89                       | 79.7    |                  |
| Q3410-04 | 2                     | 73     | 1.13            | 11.27         | 12.4                     | 11.24                      | 89.7    |                  |
| Q3410-05 | 3                     | 74     | 1.16            | 10.62         | 11.78                    | 9.6                        | 79.5    |                  |
| Q3410-06 | 4                     | 75     | 1.12            | 10.50         | 11.62                    | 9.76                       | 82.3    |                  |
| Q3410-07 | 5                     | 76     | 1.16            | 10.50         | 11.66                    | 9.43                       | 78.8    |                  |
| Q3412-01 | TP-6                  | 77     | 1.14            | 10.81         | 11.95                    | 10.84                      | 89.7    |                  |
| Q3412-02 | TP-6-EPH              | 78     | 1.18            | 10.73         | 11.91                    | 10.7                       | 88.7    |                  |
| Q3412-03 | TP-6-VOC              | 79     | 1.15            | 10.52         | 11.67                    | 10.38                      | 87.7    |                  |
| Q3413-01 | BP-VPB-184-GW-980-982 | 80     | 1.14            | 11.55         | 12.69                    | 2.00                       | 7.4     | sludge sample    |
| Q3414-01 | SB-1                  | 81     | 1.13            | 10.12         | 11.25                    | 11.17                      | 99.2    |                  |
| Q3414-02 | SB-2                  | 82     | 1.15            | 10.62         | 11.77                    | 11.6                       | 98.4    |                  |
| Q3414-03 | SB-3                  | 83     | 1.13            | 10.53         | 11.66                    | 11.4                       | 97.5    |                  |
| Q3414-04 | SB-4                  | 84     | 1.14            | 10.28         | 11.42                    | 11.3                       | 98.8    |                  |



# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/21/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:15  
Out Date: 10/22/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137592

| 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    |
|----------|-------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q3414-05 | SB-5              | 85     | 1.16           | 10.25        | 11.41                   | 11.34                     | 99.3    |             |
| Q3414-06 | SB-6              | 86     | 1.18           | 10.36        | 11.54                   | 11.49                     | 99.5    |             |
| Q3414-07 | SB-7              | 87     | 1.15           | 10.25        | 11.4                    | 11.26                     | 98.6    |             |
| Q3414-08 | SB-8              | 88     | 1.19           | 10.25        | 11.44                   | 11.14                     | 97.1    |             |
| Q3414-09 | SB-9              | 89     | 1.16           | 10.31        | 11.47                   | 11.18                     | 97.2    |             |
| Q3414-10 | SB-10             | 90     | 1.14           | 10.55        | 11.69                   | 11.6                      | 99.1    |             |
| Q3414-11 | SB-11             | 91     | 1.19           | 10.20        | 11.39                   | 11.04                     | 96.6    |             |
| Q3414-12 | SB-12             | 92     | 1.18           | 10.10        | 11.28                   | 10.9                      | 96.2    |             |
| Q3414-13 | SB-13             | 93     | 1.14           | 10.06        | 11.2                    | 10.85                     | 96.5    |             |
| Q3415-01 | 50841             | 94     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3415-02 | 50842             | 95     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3415-03 | 50843             | 96     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3416-01 | NB-08-10212025    | 97     | 1.15           | 10.52        | 11.67                   | 11.02                     | 93.8    |             |
| Q3416-02 | NB-08-10212025-E2 | 98     | 1.18           | 10.92        | 12.1                    | 11.43                     | 93.9    |             |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125      WorkList ID : 192565      Department : Wet-Chemistry      Date : 10-21-2025 08:08:50

| Sample   | Customer Sample     | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|---------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3399-01 | COMP-ROLLOFF        | Solid  | Percent Solids | Cool 4 deg C | ICES02   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3401-01 | 41-CONCRETE         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-01 | 41-LA               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-02 | 41-LA-E2            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-04 | 41-RA               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-05 | 41-RA-E2            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-07 | 41-LB               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-08 | 41-LB-E2            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-10 | 41-RB               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3402-11 | 41-RB-E2            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3403-01 | MH-18               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3403-02 | MH-18-EPH           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3403-03 | MH-18-VOC           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3404-01 | MOO-25-0285-0288    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3404-03 | MOO-25-0285-0288-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3404-04 | MOO-25-0292         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3404-07 | MOO-25-0292-EPH-2   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3405-01 | PAD-10-20-25-A      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3405-02 | PAD-10-20-25-B      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3405-03 | PAD-10-20-25-C      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3405-04 | SW-10-20-25-A       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |

Date/Time 10/21/25 15:00      Date/Time 10/21/25      Date/Time 17130  
 Raw Sample Received by: 88 WOC      Raw Sample Received by: CP 8      Raw Sample Received by: 88 WOC  
 Raw Sample Relinquished by: CP 8      Raw Sample Relinquished by: 88 WOC

# WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125      WorkList ID : 192565      Department : Wet-Chemistry      Date : 10-21-2025 08:08:50

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3406-01 | ARS20-0037      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3406-03 | ARS20-0037-E2   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3407-01 | L35-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-02 | L35-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-03 | L36-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-04 | L36-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-05 | L37-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-06 | L37-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-07 | L38-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-08 | L38-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-09 | L39-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-10 | L39-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-11 | L40-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-12 | L40-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-13 | L41-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-14 | L41-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-15 | L42-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-16 | L42-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-17 | L43-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-18 | L43-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-19 | L44-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |

Date/Time 10/21/25 15:00  
 Raw Sample Received by: SS WOC  
 Raw Sample Relinquished by: QFS

Date/Time 10/21/25 17:30  
 Raw Sample Received by: QFS  
 Raw Sample Relinquished by: SS WOC

# WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3407-20 | L44-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-21 | L45-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-22 | L45-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-23 | L46-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-24 | L46-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-25 | L47-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-26 | L47-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-27 | L48-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-28 | L48-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-29 | L49-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-30 | L49-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-31 | L50-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-32 | L50-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-33 | L51-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-34 | L51-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-35 | L52-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-36 | L52-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-37 | L53-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-38 | L53-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-39 | 245F69-A        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3407-40 | 245F69-B        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |

Date/Time 10/21/25 151.00  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 10/21/25 17130  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

| Sample   | Customer Sample       | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3408-01 | ASPHALT-A             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3408-02 | ASPHALT-B             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3408-03 | ASPHALT-C             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3408-04 | ASPHALT-D             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3409-01 | EXCAVATION-AREA-A     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3409-02 | EXCAVATION-AREA-B     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3410-01 | WASTE                 | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J11                         | 10/20/2025   | Chemtech -SO |
| Q3410-02 | VOC                   | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J11                         | 10/20/2025   | Chemtech -SO |
| Q3410-03 | 1                     | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J11                         | 10/20/2025   | Chemtech -SO |
| Q3410-04 | 2                     | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J11                         | 10/20/2025   | Chemtech -SO |
| Q3410-05 | 3                     | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J11                         | 10/20/2025   | Chemtech -SO |
| Q3410-06 | 4                     | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J11                         | 10/20/2025   | Chemtech -SO |
| Q3410-07 | 5                     | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J11                         | 10/20/2025   | Chemtech -SO |
| Q3412-01 | TP-6                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3412-02 | TP-6-EPH              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3412-03 | TP-6-VOC              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3413-01 | BP-VPB-184-GW-980-982 | Solid  | Percent Solids | Cool 4 deg C | TETR06   | D31                         | 10/20/2025   | Chemtech -SO |
| Q3414-01 | SB-1                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-02 | SB-2                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-03 | SB-3                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-04 | SB-4                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |

Date/Time 10/21/25 15:00 Date/Time 10/21/25 17:30  
 Raw Sample Received by: FB woc Raw Sample Received by: CP SN  
 Raw Sample Relinquished by: OP SN Raw Sample Relinquished by: FB woc

# WORKLIST(Hardcopy Internal Chain)

W-137592

WorkList Name : %1-102125      WorkList ID : 192565      Department : Wet-Chemistry      Date : 10-21-2025 08:08:50

| Sample   | Customer Sample   | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3414-05 | SB-5              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-06 | SB-6              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-07 | SB-7              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-08 | SB-8              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-09 | SB-9              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-10 | SB-10             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-11 | SB-11             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-12 | SB-12             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3414-13 | SB-13             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | Chemtech -SO |
| Q3415-01 | 50841             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/21/2025   | Chemtech -SO |
| Q3415-02 | 50842             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/21/2025   | Chemtech -SO |
| Q3415-03 | 50843             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/21/2025   | Chemtech -SO |
| Q3416-01 | NB-08-10212025    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 10/21/2025   | Chemtech -SO |
| Q3416-02 | NB-08-10212025-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 10/21/2025   | Chemtech -SO |
| Q3418-01 | 101725            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/21/2025   | Chemtech -SO |
| Q3418-02 | 101725-A          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/21/2025   | Chemtech -SO |
| Q3418-03 | 101725-B          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/21/2025   | Chemtech -SO |

Date/Time 10/21/25 15:00  
 Raw Sample Received by: SB WCC  
 Raw Sample Relinquished by: cd sm

Date/Time 10/21/25 17:30  
 Raw Sample Received by: cd sm  
 Raw Sample Relinquished by: SB WCC

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 10/23/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:15  
Out Date: 10/24/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137624

| 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   |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|------------|
| Q3399-03 | COMP-ROLLOFF       | 15     | 1.15           | 10.96        | 12.11                   | 11.00                     | 89.9    |            |
| Q3437-03 | SS-15R(2.0-2.5)    | 1      | 1.18           | 10.46        | 11.64                   | 10.32                     | 87.4    |            |
| Q3437-05 | SS-26(0-0.5)       | 2      | 1.16           | 10.19        | 11.35                   | 10.17                     | 88.4    |            |
| Q3437-11 | SS-27(0-0.5)       | 3      | 1.17           | 10.34        | 11.51                   | 10.85                     | 93.6    |            |
| Q3437-14 | SS-25(0-0.5)       | 4      | 1.11           | 10.33        | 11.44                   | 10.34                     | 89.4    |            |
| Q3437-16 | SS-23(0-0.5)       | 5      | 1.13           | 10.84        | 11.97                   | 11.26                     | 93.5    |            |
| Q3439-01 | TP-9               | 6      | 1.18           | 10.29        | 11.47                   | 10.55                     | 91.1    |            |
| Q3439-02 | TP-9-EPH           | 7      | 1.19           | 10.61        | 11.8                    | 10.87                     | 91.2    |            |
| Q3439-03 | TP-9-VOC           | 8      | 1.18           | 10.14        | 11.32                   | 10.41                     | 91.0    |            |
| Q3439-05 | TP-10              | 9      | 1.15           | 10.60        | 11.75                   | 10.82                     | 91.2    |            |
| Q3439-06 | TP-10-EPH          | 10     | 1.19           | 10.17        | 11.36                   | 10.44                     | 91.0    |            |
| Q3439-07 | TP-10-VOC          | 11     | 1.18           | 10.31        | 11.49                   | 10.37                     | 89.1    |            |
| Q3440-01 | JB-2               | 12     | 1.13           | 11.32        | 12.45                   | 10.38                     | 81.7    |            |
| Q3440-02 | JB-2-EPH           | 13     | 1.17           | 10.42        | 11.59                   | 9.79                      | 82.7    |            |
| Q3440-03 | JB-2-VOC           | 14     | 1.13           | 8.36         | 9.49                    | 8.14                      | 83.9    |            |
| Q3445-01 | EO-01-102325       | 16     | 1.14           | 10.46        | 11.6                    | 10.74                     | 91.8    |            |
| Q3445-02 | EO-01-102325-E2    | 17     | 1.16           | 10.40        | 11.56                   | 10.57                     | 90.5    |            |
| Q3446-01 | SB-14              | 18     | 1.11           | 10.00        | 11.11                   | 10.82                     | 97.1    |            |
| Q3446-02 | SB-15              | 19     | 1.14           | 10.54        | 11.68                   | 11.64                     | 99.6    |            |
| Q3446-03 | SB-16              | 20     | 1.19           | 10.31        | 11.5                    | 11.44                     | 99.4    |            |
| Q3446-04 | SB-17              | 21     | 1.19           | 10.13        | 11.32                   | 11.27                     | 99.5    |            |
| Q3446-05 | SB-18              | 22     | 1.19           | 10.53        | 11.72                   | 11.67                     | 99.5    |            |
| Q3446-06 | SB-19              | 23     | 1.15           | 10.44        | 11.59                   | 11.32                     | 97.4    |            |
| Q3446-07 | SB-20              | 24     | 1.16           | 10.50        | 11.66                   | 11.6                      | 99.4    |            |
| Q3446-08 | SB-21              | 25     | 1.14           | 10.08        | 11.22                   | 10.9                      | 96.8    |            |
| Q3447-01 | P001-TW1-251023-01 | 26     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | TAR SAMPLE |
| Q3447-03 | P001-TW2-251023-01 | 27     | 1.19           | 10.43        | 11.62                   | 10.75                     | 91.7    |            |
| Q3447-05 | P001-TW3-251023-01 | 28     | 1.18           | 10.70        | 11.88                   | 11.64                     | 97.8    |            |





PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 10/23/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:15  
Out Date: 10/24/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137624

| 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   |
|----------|--------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|------------|
| Q3447-07 | P001-TW4-251023-01 | 29     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | TAR SAMPLE |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

10/27/2024

WorkList Name : %1-102325

WorkList ID : 192629

Department : Wet-Chemistry

Date : 10-23-2025 08:26:05

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3399-03 | COMP-ROLLOFF    | Solid  | Percent Solids | Cool 4 deg C | ICES02   | D41                         | 10/20/2025   | Chemtech -SO |
| Q3437-03 | SS-15R(2.0-2.5) | Solid  | Percent Solids | Cool 4 deg C | MATR02   | D31                         | 10/22/2025   | Chemtech -SO |
| Q3437-05 | SS-26(0-0.5)    | Solid  | Percent Solids | Cool 4 deg C | MATR02   | D31                         | 10/22/2025   | Chemtech -SO |
| Q3437-11 | SS-27(0-0.5)    | Solid  | Percent Solids | Cool 4 deg C | MATR02   | D31                         | 10/22/2025   | Chemtech -SO |
| Q3437-14 | SS-25(0-0.5)    | Solid  | Percent Solids | Cool 4 deg C | MATR02   | D31                         | 10/22/2025   | Chemtech -SO |
| Q3437-16 | SS-23(0-0.5)    | Solid  | Percent Solids | Cool 4 deg C | MATR02   | D31                         | 10/22/2025   | Chemtech -SO |
| Q3439-01 | TP-9            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/22/2025   | Chemtech -SO |
| Q3439-02 | TP-9-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/22/2025   | Chemtech -SO |
| Q3439-03 | TP-9-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/22/2025   | Chemtech -SO |
| Q3439-05 | TP-10           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/22/2025   | Chemtech -SO |
| Q3439-06 | TP-10-EPH       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/23/2025   | Chemtech -SO |
| Q3439-07 | TP-10-VOC       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/23/2025   | Chemtech -SO |
| Q3440-01 | JB-2            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/23/2025   | Chemtech -SO |
| Q3440-02 | JB-2-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/22/2025   | Chemtech -SO |
| Q3440-03 | JB-2-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/22/2025   | Chemtech -SO |
| Q3445-01 | EO-01-102325    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3445-02 | EO-01-102325-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3446-01 | SB-14           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3446-02 | SB-15           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3446-03 | SB-16           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3446-04 | SB-17           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |

Date/Time 10/23/25 15:00  
 Raw Sample Received by: JH (wpc)  
 Raw Sample Relinquished by: JH (sm)

Date/Time 10/23/25 17:30  
 Raw Sample Received by: JH (sm)  
 Raw Sample Relinquished by: JH (wpc)

# WORKLIST(Hardcopy Internal Chain)

10/23/25

WorkList Name : %1-102325

WorkList ID : 192629

Department : Wet-Chemistry

Date : 10-23-2025 08:26:05

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3446-05 | SB-18              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3446-06 | SB-19              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3446-07 | SB-20              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3446-08 | SB-21              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/23/2025   | Chemtech -SO |
| Q3447-01 | P001-TW1-251023-01 | Solid  | Percent Solids | Cool 4 deg C | ROYF02   | D41                         | 10/23/2025   | Chemtech -SO |
| Q3447-03 | P001-TW2-251023-01 | Solid  | Percent Solids | Cool 4 deg C | ROYF02   | D41                         | 10/23/2025   | Chemtech -SO |
| Q3447-05 | P001-TW3-251023-01 | Solid  | Percent Solids | Cool 4 deg C | ROYF02   | D41                         | 10/23/2025   | Chemtech -SO |
| Q3447-07 | P001-TW4-251023-01 | Solid  | Percent Solids | Cool 4 deg C | ROYF02   | D41                         | 10/23/2025   | Chemtech -SO |

Date/Time 10/23/25 15:00  
 Raw Sample Received by: JG WWC  
 Raw Sample Relinquished by: JG WWC

Date/Time 10/23/25 17:30  
 Raw Sample Received by: JG WWC  
 Raw Sample Relinquished by: JG WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Extraction Start Date : 10/22/2025

Matrix : Solid

Extraction Start Time : 09:55

Weigh By: EH

Extraction By: EH

Extraction End Date : 10/22/2025

Balance check: EH

Filter By: RS

Extraction End Time : 13:55

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ 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           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| MeCl2/Acetone/1:1  | N/A            | EP2641     |
| Baked Na2SO4       | N/A            | EP2652     |
| Methylene Chloride | N/A            | E3980      |
| Sand               | N/A            | E3951      |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 10/22/25    | RS (Ext Lab)                            | Rolsrac              |
| 14:00       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

| Sample ID       | Client Sample ID  | Test                | (g)/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments        | Prep<br>Pos |
|-----------------|-------------------|---------------------|---------|-----|----------------|------------|--------------------|-------|-----------------|-------------|
|                 |                   |                     |         |     | AddedBy        | VerifiedBy |                    |       |                 |             |
| PB170206BL      | SBLK206           | SVOC-TCL BNA<br>-20 | 30.01   | N/A | Evelyn         | RUPESH     | 1                  |       |                 | U6-1        |
| PB170206BS      | SLCS206           | SVOC-TCL BNA<br>-20 | 30.03   | N/A | Evelyn         | RUPESH     | 1                  |       |                 | 2           |
| Q3399-01        | COMP-ROLLOFF      | SVOC-TCL BNA<br>-20 | 30.09   | N/A | Evelyn         | RUPESH     | 1                  | C     |                 | 3           |
| Q3399-01MS      | COMP-ROLLOFFMS    | SVOC-TCL BNA<br>-20 | 30.08   | N/A | Evelyn         | RUPESH     | 1                  | C     |                 | 4           |
| Q3399-01MS<br>D | COMP-ROLLOFFMSD   | SVOC-TCL BNA<br>-20 | 30.06   | N/A | Evelyn         | RUPESH     | 1                  | C     |                 | 5           |
| Q3404-01        | MOO-25-0285-0288  | SVOC-TCL BNA<br>-20 | 50.10   | N/A | Evelyn         | RUPESH     | 1                  | E     |                 | 6           |
| Q3404-04        | MOO-25-0292       | SVOC-TCL BNA<br>-20 | 30.03   | N/A | Evelyn         | RUPESH     | 1                  | E     | Small Particles | U1-1        |
| Q3405-01        | PAD-10-20-25-A    | SVOC-PAH            | 50.05   | N/A | Evelyn         | RUPESH     | 1                  | B     | Concrete        | 2           |
| Q3405-02        | PAD-10-20-25-B    | SVOC-PAH            | 50.08   | N/A | Evelyn         | RUPESH     | 1                  | B     | Concrete        | 3           |
| Q3405-03        | PAD-10-20-25-C    | SVOC-PAH            | 50.01   | N/A | Evelyn         | RUPESH     | 1                  | B     | Concrete        | 4           |
| Q3405-04        | SW-10-20-25-A     | SVOC-PAH            | 50.04   | N/A | Evelyn         | RUPESH     | 1                  | B     | Concrete        | 5           |
| Q3406-01        | ARS20-0037        | SVOC-TCL BNA<br>-20 | 50.07   | N/A | Evelyn         | RUPESH     | 1                  | E     |                 | 6           |
| Q3409-01        | EXCAVATION-AREA-A | SVOC-PAH            | 50.02   | N/A | Evelyn         | RUPESH     | 1                  | B     |                 | U3-1        |
| Q3409-02        | EXCAVATION-AREA-B | SVOC-PAH            | 50.05   | N/A | Evelyn         | RUPESH     | 1                  | B     |                 | 2           |
| Q3412-01        | TP-6              | SVOC-TCL BNA<br>-20 | 50.08   | N/A | Evelyn         | RUPESH     | 1                  | E     |                 | 3           |
| Q3416-01        | NB-08-10212025    | SVOC-TCL BNA<br>-20 | 50.04   | N/A | Evelyn         | RUPESH     | 1                  | E     |                 | 4           |

RS  
10/22

10/20/25  
P.D.

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3412      WorkList ID : 192609      Department : Extraction      Date : 10-22-2025 09:14:09

| Sample   | Customer Sample   | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-------------------|--------|------------------|--------------|----------|-----------------------------|--------------|--------|
| Q3399-01 | COMP-ROLLOFF      | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | ICES02   | D41                         | 10/20/2025   | 8270E  |
| Q3404-01 | MOO-25-0285-0288  | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | 8270E  |
| Q3404-04 | MOO-25-0292       | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | 8270E  |
| Q3405-01 | PAD-10-20-25-A    | Solid  | SVOC-PAH         | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8270E  |
| Q3405-02 | PAD-10-20-25-B    | Solid  | SVOC-PAH         | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8270E  |
| Q3405-03 | PAD-10-20-25-C    | Solid  | SVOC-PAH         | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8270E  |
| Q3405-04 | SW-10-20-25-A     | Solid  | SVOC-PAH         | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8270E  |
| Q3406-01 | ARS20-0037        | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | 8270E  |
| Q3409-01 | EXCAVATION-AREA-A | Solid  | SVOC-PAH         | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | 8270E  |
| Q3409-02 | EXCAVATION-AREA-B | Solid  | SVOC-PAH         | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | 8270E  |
| Q3412-01 | TP-6              | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8270E  |
| Q3416-01 | NB-08-10212025    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG05   | D31                         | 10/21/2025   | 8270E  |

Date/Time 10/22/25 9:50  
Raw Sample Received by: RS (Ext 666)  
Raw Sample Relinquished by: RS (Ext 666)

Date/Time 10/22/25 10:20  
Raw Sample Received by: RS (Ext 666)  
Raw Sample Relinquished by: RS (Ext 666)



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: TCE Service Group, Inc.  
ADDRESS: 125 Bloomingdale Rd  
CITY Levittown STATE: N.Y. ZIP:   
ATTENTION: Dennis d. Morgan, II  
PHONE:  FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ICES 02  
PROJECT NO.:  LOCATION:   
PROJECT MANAGER:   
e-mail:   
PHONE:  FAX:

CLIENT BILLING INFORMATION

BILL TO:  PO#:   
ADDRESS:   
CITY Stun STATE:  ZIP:   
ATTENTION:  PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH)  DAYS\*  
HARDCOPY (DATA PACKAGE): 72 HR TAT DAYS\*  
EDD:  DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other   
☐ EDD FORMAT

1. TCL 2. TCLP 3. Hev 4. DF 5. PL 6.  7.  8.  9.

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |          | SAMPLE<br>COLLECTION |              | # OF BOTTLES | PRESERVATIVES |          |          |          |          |   |   |   |   | COMMENTS         |
|--------------------------|----------------------------------|------------------|----------------|----------|----------------------|--------------|--------------|---------------|----------|----------|----------|----------|---|---|---|---|------------------|
|                          |                                  |                  | COMP           | GRAB     | DATE                 | TIME         |              | 1             | 2        | 3        | 4        | 5        | 6 | 7 | 8 | 9 |                  |
| 1.                       | <u>Comp-Rolloff</u><br><u>I</u>  | <u>sol</u>       | <u>X</u>       |          | <u>10-20-25</u>      | <u>12:00</u> | <u>6</u>     |               |          | <u>X</u> | <u>X</u> | <u>X</u> |   |   |   |   | <u>PiD = 1.3</u> |
| 2.                       |                                  | <u>I</u>         |                | <u>X</u> | <u>I</u>             | <u>12:04</u> | <u>3</u>     | <u>X</u>      | <u>X</u> |          |          |          |   |   |   |   | <u>PiD = 1.3</u> |
| 3.                       |                                  |                  |                |          |                      |              |              |               |          |          |          |          |   |   |   |   |                  |
| 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. <u>[Signature]</u> | DATE/TIME: <u>1300</u><br><u>10-20-2025</u> | RECEIVED BY:<br>1. <u>[Signature]</u> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input checked="" type="checkbox"/> COOLER TEMP <u>35</u> °C<br>Comments: <u>*PiD Meter Calibrated 10-20-2025 *</u><br><u>Equal Volume of soil used,</u> |
| RELINQUISHED BY SAMPLER:<br>2. <u>[Signature]</u> | DATE/TIME: <u></u>                          | RECEIVED BY:<br>2. <u>[Signature]</u> |                                                                                                                                                                                                                                                                                 |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u> | DATE/TIME: <u>1759</u><br><u>10-20-2025</u> | RECEIVED BY:<br>3. <u>[Signature]</u> |                                                                                                                                                                                                                                                                                 |

Page  of  CLIENT: ☐ Hand Delivered ☐ Other  Shipment Complete ☐ YES ☐ NO





### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |



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

## LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3399 ICES02  
Client Name : ICE Service Group, Inc.  
Client Contact : Dennis D. Morgan, II  
Invoice Name : ICE Service Group, Inc.  
Invoice Contact : Dennis D. Morgan, II

Order Date : 10/20/2025 1:23:08 PM  
Project Name : NWIRP Northrup Grumman  
Receive Date Time : 10/20/2025 12:00:00 AM  
Purchase Order : 5:54 PM

Project Mgr :  
Report Type : NYS ASP A  
EDD Type : NYSDEC EDD V-4  
Hard Copy Date :  
Date Signoff :

| LAB ID   | CLIENT ID    | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES   |
|----------|--------------|--------|-------------|-------------|---------------|------------|--------|----------|-------------|
| Q3399-03 | COMP-ROLLOFF | Solid  | 10/20/2025  | 12:04       | VOC-TCLVOA-10 |            | 8260D  |          | 3 Bus. Days |

Relinquished By :

Date / Time : 10/21/25 0740

Received By :

Date / Time : 10/21/25 08:00

Storage Area : VOA Refridgerator Room