284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

# DATA REPORTING QUALIFIERS- ORGANIC

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

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

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3719 | **OrderDate:** | 11/25/2025 11:38:47 AM |
| **Client:** | Remington & Vernick | **Project:** | Saddler Property |
| **Contact:** | Justin Zarzecki | **Location:** | --Select--,D51 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3719-01** | **SB-1125-10A** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-02** | **SB-1125-10B** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-03** | **SB-1125-11A** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-04** | **SB-1125-11B** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-05** | **SB-1125-12A** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-06** | **SB-1125-12B** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-07** | **SB-1125-14A** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-08** | **SB-1125-14B** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-09** | **SB-1125-15A** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-10** | **SB-1125-15B** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 12/01/25 | |
| **Q3719-11** | **SB-1125-16A** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 12/01/25 | |
| **Q3719-12** | **SB-1125-16B** | **SOIL** | | | **11/24/25** | | | **11/25/25** |

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## LAB CHRONICLE

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 11/26/25 | |
| **Q3719-13** | **SB-1125-17A** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 12/02/25 | |
| **Q3719-14** | **SB-1125-17B** | **SOIL** | | | **11/24/25** | | | **11/25/25** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/25/25 | 12/01/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **SB-1125-10A** | | | | | | | | |
| Q3719-01 | SB-1125-10A | SOIL | Phenanthrene | | 180.000 | J | 27.4 | 220 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Fluoranthene | | 290.000 | | 39.3 | 220 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Pyrene | | 240.000 | | 47.2 | 220 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Benzo(a)anthracene | | 170.000 | J | 30.1 | 220 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Chrysene | | 180.000 | J | 26.1 | 220 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Benzo(b)fluoranthene | | 190.000 | J | 24.9 | 220 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Benzo(k)fluoranthene | | 89.400 | J | 29.4 | 220 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Benzo(a)pyrene | | 170.000 | J | 38.7 | 220 | ug/Kg |
| | | | **Total Svoc :** | | **1,509.40** | | | | |
| Q3719-01 | SB-1125-10A | SOIL | Benzo[e]pyrene | * | 110.000 | J | 0 | 0 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Benzophenone | * | 230.000 | J | 0 | 0 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | cis-7-Hexadecenoic acid | * | 96.500 | J | 0 | 0 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | Heptafluorobutyric acid, pentadec | * | 160.000 | J | 0 | 0 | ug/Kg |
| Q3719-01 | SB-1125-10A | SOIL | n-Hexadecanoic acid | * | 450.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **1,046.50** | | | | |
| | | | **Total Concentration:** | | **2,555.90** | | | | |
| **Client ID :** | **SB-1125-10B** | | | | | | | | |
| Q3719-02 | SB-1125-10B | SOIL | Fluoranthene | | 120.000 | J | 34.7 | 200 | ug/Kg |
| Q3719-02 | SB-1125-10B | SOIL | Pyrene | | 98.800 | J | 41.6 | 200 | ug/Kg |
| Q3719-02 | SB-1125-10B | SOIL | Benzo(a)anthracene | | 91.500 | J | 26.6 | 200 | ug/Kg |
| Q3719-02 | SB-1125-10B | SOIL | Chrysene | | 79.300 | J | 23 | 200 | ug/Kg |
| Q3719-02 | SB-1125-10B | SOIL | Benzo(b)fluoranthene | | 93.500 | J | 22 | 200 | ug/Kg |
| Q3719-02 | SB-1125-10B | SOIL | Benzo(a)pyrene | | 85.000 | J | 34.1 | 200 | ug/Kg |
| | | | **Total Svoc :** | | **568.10** | | | | |
| Q3719-02 | SB-1125-10B | SOIL | 1-Tricosene | * | 140.000 | J | 0 | 0 | ug/Kg |
| Q3719-02 | SB-1125-10B | SOIL | Benzophenone | * | 160.000 | J | 0 | 0 | ug/Kg |
| Q3719-02 | SB-1125-10B | SOIL | n-Hexadecanoic acid | * | 290.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **590.00** | | | | |
| | | | **Total Concentration:** | | **1,158.10** | | | | |
| **Client ID :** | **SB-1125-11A** | | | | | | | | |
| Q3719-03 | SB-1125-11A | SOIL | Phenanthrene | | 100.000 | J | 26 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Fluoranthene | | 250.000 | | 37.3 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Pyrene | | 190.000 | J | 44.8 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Benzo(a)anthracene | | 220.000 | | 28.6 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Chrysene | | 190.000 | J | 24.7 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Benzo(b)fluoranthene | | 230.000 | | 23.6 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Benzo(k)fluoranthene | | 110.000 | J | 27.8 | 210 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q3719-03 | SB-1125-11A | SOIL | Benzo(a)pyrene | | 200.000 | J | 36.7 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Indeno(1,2,3-cd)pyrene | | 83.700 | J | 36.2 | 210 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Benzo(g,h,i)perylene | | 90.800 | J | 32 | 210 | ug/Kg |
| | | | **Total Svoc :** | | **1,664.50** | | | | |
| Q3719-03 | SB-1125-11A | SOIL | Benzophenone | * | 200.000 | J | 0 | 0 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Hexadecane | * | 87.900 | J | 0 | 0 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | n-Hexadecanoic acid | * | 400.000 | J | 0 | 0 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Octacosane | * | 110.000 | J | 0 | 0 | ug/Kg |
| Q3719-03 | SB-1125-11A | SOIL | Perylene | * | 130.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **927.90** | | | | |
| | | | **Total Concentration:** | | **2,592.40** | | | | |
| **Client ID :** | **SB-1125-11B** | | | | | | | | |
| Q3719-04 | SB-1125-11B | SOIL | Naphthalene | | 79.300 | J | 25.4 | 190 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Phenanthrene | | 180.000 | J | 23.4 | 190 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Fluoranthene | | 240.000 | | 33.6 | 190 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Pyrene | | 180.000 | J | 40.3 | 190 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Benzo(a)anthracene | | 150.000 | J | 25.7 | 190 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Chrysene | | 130.000 | J | 22.3 | 190 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Benzo(b)fluoranthene | | 150.000 | J | 21.3 | 190 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Benzo(a)pyrene | | 130.000 | J | 33 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **1,239.30** | | | | |
| Q3719-04 | SB-1125-11B | SOIL | Benzo[e]pyrene | * | 91.000 | J | 0 | 0 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Benzophenone | * | 180.000 | J | 0 | 0 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Pentafluoropropionic acid, pentad | * | 120.000 | J | 0 | 0 | ug/Kg |
| Q3719-04 | SB-1125-11B | SOIL | Tridecanoic acid | * | 200.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **591.00** | | | | |
| | | | **Total Concentration:** | | **1,830.30** | | | | |
| **Client ID :** | **SB-1125-12A** | | | | | | | | |
| Q3719-05 | SB-1125-12A | SOIL | Diethylphthalate | | 150.000 | J | 41.7 | 250 | ug/Kg |
| Q3719-05 | SB-1125-12A | SOIL | Fluoranthene | | 130.000 | J | 44.2 | 250 | ug/Kg |
| Q3719-05 | SB-1125-12A | SOIL | Pyrene | | 100.000 | J | 53.1 | 250 | ug/Kg |
| Q3719-05 | SB-1125-12A | SOIL | Benzo(b)fluoranthene | | 120.000 | J | 28 | 250 | ug/Kg |
| | | | **Total Svoc :** | | **500.00** | | | | |
| Q3719-05 | SB-1125-12A | SOIL | Benzophenone | * | 220.000 | J | 0 | 0 | ug/Kg |
| Q3719-05 | SB-1125-12A | SOIL | Heptadecyl heptafluorobutyrate | * | 180.000 | J | 0 | 0 | ug/Kg |
| Q3719-05 | SB-1125-12A | SOIL | n-Hexadecanoic acid | * | 380.000 | J | 0 | 0 | ug/Kg |
| Q3719-05 | SB-1125-12A | SOIL | Nonadecane | * | 170.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **950.00** | | | | |
| | | | **Total Concentration:** | | **1,450.00** | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **SB-1125-12B** | | | | | | | | |
| Q3719-06 | SB-1125-12B | SOIL | Naphthalene | | 96.500 | J | 26 | 190 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Phenanthrene | | 160.000 | J | 23.9 | 190 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Fluoranthene | | 260.000 | | 34.3 | 190 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Pyrene | | 170.000 | J | 41.2 | 190 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Benzo(a)anthracene | | 150.000 | J | 26.3 | 190 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Chrysene | | 120.000 | J | 22.8 | 190 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Benzo(b)fluoranthene | | 160.000 | J | 21.7 | 190 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Benzo(a)pyrene | | 120.000 | J | 33.8 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **1,236.50** | | | | |
| Q3719-06 | SB-1125-12B | SOIL | 1-Pentadecanethiol | * | 180.000 | J | 0 | 0 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | n-Hexadecanoic acid | * | 530.000 | J | 0 | 0 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Octadecanoic acid | * | 150.000 | J | 0 | 0 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Benzophenone | * | 230.000 | J | 0 | 0 | ug/Kg |
| Q3719-06 | SB-1125-12B | SOIL | Heptadecane | * | 89.600 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **1,179.60** | | | | |
| | | | **Total Concentration:** | | **2,416.10** | | | | |
| **Client ID :** | **SB-1125-14A** | | | | | | | | |
| Q3719-07 | SB-1125-14A | SOIL | Naphthalene | | 89.700 | J | 27.2 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Phenanthrene | | 430.000 | | 25 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Anthracene | | 98.100 | J | 39.8 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Fluoranthene | | 770.000 | | 35.9 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Pyrene | | 500.000 | | 43.1 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Benzo(a)anthracene | | 490.000 | | 27.5 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Chrysene | | 400.000 | | 23.8 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Benzo(b)fluoranthene | | 540.000 | | 22.7 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Benzo(k)fluoranthene | | 250.000 | | 26.8 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Benzo(a)pyrene | | 450.000 | | 35.3 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Indeno(1,2,3-cd)pyrene | | 140.000 | J | 34.8 | 200 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Benzo(g,h,i)perylene | | 160.000 | J | 30.8 | 200 | ug/Kg |
| | | | **Total Svoc :** | | **4,317.80** | | | | |
| Q3719-07 | SB-1125-14A | SOIL | 1-Eicosene | * | 89.300 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | 1-Hexacosene | * | 170.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | 1-Octadecene | * | 200.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | 4-Amino-5-(5-bromothiophen-2-y | * | 180.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | n-Hexadecanoic acid | * | 660.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Octacosane | * | 790.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Octadecane | * | 170.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Oxirane, hexadecyl- | * | 100.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Benzo[e]pyrene | * | 350.000 | J | 0 | 0 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q3719-07 | SB-1125-14A | SOIL | Benzophenone | * | 240.000 | J | 0 | 0 | ug/Kg |
| Q3719-07 | SB-1125-14A | SOIL | Hexacosane | * | 230.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **3,179.30** | | | | |
| | | | **Total Concentration:** | | **7,497.10** | | | | |
| **Client ID :** | **SB-1125-14B** | | | | | | | | |
| Q3719-08 | SB-1125-14B | SOIL | Phenanthrene | | 180.000 | J | 23.6 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Fluoranthene | | 420.000 | | 33.9 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Pyrene | | 280.000 | | 40.7 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Benzo(a)anthracene | | 280.000 | | 26 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Chrysene | | 290.000 | | 22.5 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Benzo(b)fluoranthene | | 360.000 | | 21.5 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Benzo(k)fluoranthene | | 150.000 | J | 25.3 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Benzo(a)pyrene | | 290.000 | | 33.3 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Indeno(1,2,3-cd)pyrene | | 93.900 | J | 32.9 | 190 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Benzo(g,h,i)perylene | | 110.000 | J | 29 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **2,453.90** | | | | |
| Q3719-08 | SB-1125-14B | SOIL | n-Hexadecanoic acid | * | 420.000 | J | 0 | 0 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Nonadecane | * | 440.000 | J | 0 | 0 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Pentadecafluorooctanoic acid, oct | * | 180.000 | J | 0 | 0 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Benzo[e]pyrene | * | 270.000 | J | 0 | 0 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Benzophenone | * | 240.000 | J | 0 | 0 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Cyclohexadecane | * | 160.000 | J | 0 | 0 | ug/Kg |
| Q3719-08 | SB-1125-14B | SOIL | Heptadecane | * | 130.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **1,840.00** | | | | |
| | | | **Total Concentration:** | | **4,293.90** | | | | |
| **Client ID :** | **SB-1125-15A** | | | | | | | | |
| Q3719-09 | SB-1125-15A | SOIL | Phenanthrene | | 180.000 | J | 23.9 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Fluoranthene | | 270.000 | | 34.3 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Pyrene | | 170.000 | J | 41.2 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Benzo(a)anthracene | | 140.000 | J | 26.3 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Chrysene | | 140.000 | J | 22.8 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Bis(2-ethylhexyl)phthalate | | 82.900 | J | 67.7 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Benzo(b)fluoranthene | | 190.000 | | 21.7 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Benzo(k)fluoranthene | | 76.900 | J | 25.6 | 190 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Benzo(a)pyrene | | 130.000 | J | 33.7 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **1,379.80** | | | | |
| Q3719-09 | SB-1125-15A | SOIL | 4-Methylheneicosane | * | 100.000 | J | 0 | 0 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Benzo[e]pyrene | * | 85.800 | J | 0 | 0 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Benzophenone | * | 220.000 | J | 0 | 0 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | n-Hexadecanoic acid | * | 360.000 | J | 0 | 0 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q3719-09 | SB-1125-15A | SOIL | Octacosyl trifluoroacetate | * | 160.000 | J | 0 | 0 | ug/Kg |
| Q3719-09 | SB-1125-15A | SOIL | Octadecane | * | 85.400 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **1,011.20** | | | | |
| | | | **Total Concentration:** | | **2,391.00** | | | | |
| **Client ID :** | **SB-1125-15B** | | | | | | | | |
| Q3719-10 | SB-1125-15B | SOIL | Diethylphthalate | | 140.000 | J | 31.6 | 190 | ug/Kg |
| Q3719-10 | SB-1125-15B | SOIL | Fluoranthene | | 97.300 | J | 33.5 | 190 | ug/Kg |
| Q3719-10 | SB-1125-15B | SOIL | Pyrene | | 74.700 | J | 40.1 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **312.00** | | | | |
| Q3719-10 | SB-1125-15B | SOIL | n-Hexadecanoic acid | * | 140.000 | J | 0 | 0 | ug/Kg |
| Q3719-10 | SB-1125-15B | SOIL | Behenic alcohol | * | 110.000 | J | 0 | 0 | ug/Kg |
| Q3719-10 | SB-1125-15B | SOIL | Benzophenone | * | 170.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **420.00** | | | | |
| | | | **Total Concentration:** | | **732.00** | | | | |
| **Client ID :** | **SB-1125-16A** | | | | | | | | |
| Q3719-11 | SB-1125-16A | SOIL | Phenanthrene | | 220.000 | | 23.7 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Fluoranthene | | 410.000 | | 34 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Pyrene | | 260.000 | | 40.8 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Benzo(a)anthracene | | 190.000 | | 26.1 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Chrysene | | 170.000 | J | 22.6 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Bis(2-ethylhexyl)phthalate | | 110.000 | J | 67.1 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Benzo(b)fluoranthene | | 250.000 | | 21.5 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Benzo(k)fluoranthene | | 75.800 | J | 25.4 | 190 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Benzo(a)pyrene | | 190.000 | | 33.4 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **1,875.80** | | | | |
| Q3719-11 | SB-1125-16A | SOIL | 4-Cyclopentene-1,3-dione | * | 930.000 | J | 0 | 0 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Carbonic acid, octadecyl prop-1-e | * | 210.000 | J | 0 | 0 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Benzo[e]pyrene | * | 140.000 | J | 0 | 0 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Benzophenone | * | 270.000 | J | 0 | 0 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Heptadecane | * | 120.000 | J | 0 | 0 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | n-Hexadecanoic acid | * | 700.000 | J | 0 | 0 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Nonadecane | * | 120.000 | J | 0 | 0 | ug/Kg |
| Q3719-11 | SB-1125-16A | SOIL | Octadecanoic acid | * | 160.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **2,650.00** | | | | |
| | | | **Total Concentration:** | | **4,525.80** | | | | |
| **Client ID :** | **SB-1125-16B** | | | | | | | | |
| Q3719-12 | SB-1125-16B | SOIL | Phenanthrene | | 79.800 | J | 23 | 190 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Fluoranthene | | 180.000 | J | 33 | 190 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Pyrene | | 110.000 | J | 39.6 | 190 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q3719-12 | SB-1125-16B | SOIL | Benzo(a)anthracene | | 86.400 | J | 25.3 | 190 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Chrysene | | 89.500 | J | 21.9 | 190 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Benzo(b)fluoranthene | | 110.000 | J | 20.9 | 190 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Benzo(a)pyrene | | 81.600 | J | 32.5 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **737.30** | | | | |
| Q3719-12 | SB-1125-16B | SOIL | Benzophenone | * | 200.000 | J | 0 | 0 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Heneicosane | * | 80.400 | J | 0 | 0 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Hentriacontane | * | 88.100 | J | 0 | 0 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Tetracosyl heptafluorobutyrate | * | 140.000 | J | 0 | 0 | ug/Kg |
| Q3719-12 | SB-1125-16B | SOIL | Tridecanoic acid | * | 270.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **778.50** | | | | |
| | | | **Total Concentration:** | | **1,515.80** | | | | |
| **Client ID :** | **SB-1125-17A** | | | | | | | | |
| Q3719-13 | SB-1125-17A | SOIL | Phenanthrene | | 370.000 | | 24.2 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Anthracene | | 88.900 | J | 38.5 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Fluoranthene | | 800.000 | | 34.7 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Pyrene | | 630.000 | | 41.6 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Butylbenzylphthalate | | 93.600 | J | 82.5 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Benzo(a)anthracene | | 320.000 | | 26.6 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Chrysene | | 320.000 | | 23 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Benzo(b)fluoranthene | | 390.000 | | 22 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Benzo(k)fluoranthene | | 180.000 | J | 25.9 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Benzo(a)pyrene | | 300.000 | | 34.1 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Indeno(1,2,3-cd)pyrene | | 130.000 | J | 33.6 | 200 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Benzo(g,h,i)perylene | | 160.000 | J | 29.7 | 200 | ug/Kg |
| | | | **Total Svoc :** | | **3,782.50** | | | | |
| Q3719-13 | SB-1125-17A | SOIL | Benzophenone | * | 230.000 | J | 0 | 0 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | n-Hexadecanoic acid | * | 280.000 | J | 0 | 0 | ug/Kg |
| Q3719-13 | SB-1125-17A | SOIL | Tris(2-chloropropyl) phosphate | * | 130.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **640.00** | | | | |
| | | | **Total Concentration:** | | **4,422.50** | | | | |
| **Client ID :** | **SB-1125-17B** | | | | | | | | |
| Q3719-14 | SB-1125-17B | SOIL | Phenanthrene | | 970.000 | J | 120 | 1000 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Fluoranthene | | 1,400.000 | | 180 | 1000 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Pyrene | | 920.000 | J | 210 | 1000 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Benzo(a)anthracene | | 500.000 | J | 140 | 1000 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Chrysene | | 480.000 | J | 120 | 1000 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Benzo(b)fluoranthene | | 550.000 | J | 110 | 1000 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Benzo(a)pyrene | | 440.000 | J | 170 | 1000 | ug/Kg |
| | | | **Total Svoc :** | | **5,260.00** | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

| Sample ID | Client ID | Matrix | Parameter | Concentration | | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q3719-14 | SB-1125-17B | SOIL | Heneicosane | * | 530.000 | J | 0 | 0 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Heptacosane | * | 620.000 | J | 0 | 0 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Hexacosane | * | 520.000 | J | 0 | 0 | ug/Kg |
| Q3719-14 | SB-1125-17B | SOIL | Eicosane | * | 590.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **2,260.00** | | | | |
| | | | **Total Concentration:** | | **7,520.00** | | | | |

# QC
# SUMMARY

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# Surrogate Summary

**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

**Analytical Method:** 8270E

| Lab Sample ID | Client ID | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | High |
|---|---|---|---|---|---|---|---|---|
| PB170735BL | PB170735BL | 2-Fluorophenol | 150 | 112 | 74 | | 10 | 105 |
| | | Phenol-d6 | 150 | 113 | 75 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 74.9 | 75 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 75.6 | 76 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 112 | 75 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 84.2 | 84 | | 10 | 109 |
| PB170735BS | PB170735BS | 2-Fluorophenol | 150 | 112 | 75 | | 10 | 105 |
| | | Phenol-d6 | 150 | 113 | 76 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 77.9 | 78 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 77.8 | 78 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 107 | 72 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 76.5 | 76 | | 10 | 109 |
| Q3719-01 | SB-1125-10A | 2-Fluorophenol | 150 | 80.4 | 54 | | 10 | 105 |
| | | Phenol-d6 | 150 | 81.9 | 55 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 56.6 | 57 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 52.1 | 52 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 72.2 | 48 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 40.2 | 40 | | 10 | 109 |
| Q3719-02 | SB-1125-10B | 2-Fluorophenol | 150 | 70.5 | 47 | | 10 | 105 |
| | | Phenol-d6 | 150 | 72.9 | 49 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 48.7 | 49 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 42.5 | 43 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 57.5 | 38 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 30.6 | 31 | | 10 | 109 |
| Q3719-03 | SB-1125-11A | 2-Fluorophenol | 150 | 82.5 | 55 | | 10 | 105 |
| | | Phenol-d6 | 150 | 85.3 | 57 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 56.6 | 57 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 56.0 | 56 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 75.3 | 50 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 39.9 | 40 | | 10 | 109 |
| Q3719-04 | SB-1125-11B | 2-Fluorophenol | 150 | 74.2 | 49 | | 10 | 105 |
| | | Phenol-d6 | 150 | 76.7 | 51 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 49.4 | 49 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 50.7 | 51 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 62.4 | 42 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 39.9 | 40 | | 10 | 109 |
| Q3719-05 | SB-1125-12A | 2-Fluorophenol | 150 | 74.9 | 50 | | 10 | 105 |
| | | Phenol-d6 | 150 | 77.0 | 51 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 55.6 | 56 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 55.2 | 55 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 64.8 | 43 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 38.6 | 39 | | 10 | 109 |
| Q3719-06 | SB-1125-12B | 2-Fluorophenol | 150 | 79.1 | 53 | | 10 | 105 |
| | | Phenol-d6 | 150 | 80.6 | 54 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 57.7 | 58 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 53.6 | 54 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 62.0 | 41 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 33.2 | 33 | | 10 | 109 |
| Q3719-07 | SB-1125-14A | 2-Fluorophenol | 150 | 87.5 | 58 | | 10 | 105 |
| | | Phenol-d6 | 150 | 87.2 | 58 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 61.7 | 62 | | 10 | 108 |

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# Surrogate Summary

**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

**Analytical Method:** 8270E

| Lab Sample ID | Client ID | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | High |
|---|---|---|---|---|---|---|---|---|
| Q3719-07 | SB-1125-14A | 2-Fluorobiphenyl | 100 | 65.6 | 66 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 73.0 | 49 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 45.1 | 45 | | 10 | 109 |
| Q3719-08 | SB-1125-14B | 2-Fluorophenol | 150 | 82.8 | 55 | | 10 | 105 |
| | | Phenol-d6 | 150 | 83.9 | 56 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 58.9 | 59 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 63.6 | 64 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 70.7 | 47 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 44.8 | 45 | | 10 | 109 |
| Q3719-09 | SB-1125-15A | 2-Fluorophenol | 150 | 73.0 | 49 | | 10 | 105 |
| | | Phenol-d6 | 150 | 73.2 | 49 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 49.7 | 50 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 48.6 | 49 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 57.9 | 39 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 33.0 | 33 | | 10 | 109 |
| Q3719-10 | SB-1125-15B | 2-Fluorophenol | 150 | 68.9 | 46 | | 10 | 105 |
| | | Phenol-d6 | 150 | 65.3 | 44 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 46.4 | 46 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 48.3 | 48 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 70.5 | 47 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 44.3 | 44 | | 10 | 109 |
| Q3719-10MS | SB-1125-15BMS | 2-Fluorophenol | 150 | 63.6 | 42 | | 10 | 105 |
| | | Phenol-d6 | 150 | 63.1 | 42 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 42.7 | 43 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 41.8 | 42 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 65.1 | 43 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 44.4 | 44 | | 10 | 109 |
| Q3719-10MSD | SB-1125-15BMSD | 2-Fluorophenol | 150 | 62.3 | 42 | | 10 | 105 |
| | | Phenol-d6 | 150 | 60.3 | 40 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 42.9 | 43 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 43.2 | 43 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 60.3 | 40 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 40.4 | 40 | | 10 | 109 |
| Q3719-11 | SB-1125-16A | 2-Fluorophenol | 150 | 91.7 | 61 | | 10 | 105 |
| | | Phenol-d6 | 150 | 88.5 | 59 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 62.8 | 63 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 59.6 | 60 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 74.7 | 50 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 41.8 | 42 | | 10 | 109 |
| Q3719-12 | SB-1125-16B | 2-Fluorophenol | 150 | 79.5 | 53 | | 10 | 105 |
| | | Phenol-d6 | 150 | 78.7 | 52 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 55.4 | 55 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 56.2 | 56 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 61.7 | 41 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 37.7 | 38 | | 10 | 109 |
| Q3719-13 | SB-1125-17A | 2-Fluorophenol | 150 | 78.9 | 53 | | 10 | 105 |
| | | Phenol-d6 | 150 | 78.1 | 52 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 54.4 | 54 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 51.4 | 51 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 76.1 | 51 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 53.6 | 54 | | 10 | 109 |

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# Surrogate Summary

**SW-846**

**SDG No.:** Q3719

**Client:** Remington & Vernick

**Analytical Method:** 8270E

| Lab Sample ID | Client ID | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| Q3719-14 | SB-1125-17B | 2-Fluorophenol | 150 | 49.6 | 33 | | 10 | 105 |
| | | Phenol-d6 | 150 | 50.7 | 34 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 33.3 | 33 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 37.6 | 38 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 40.8 | 27 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 32.0 | 32 | | 10 | 109 |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3719 **Analytical Method:** SW8270E

**Client:** Remington & Vernick **DataFile:** BP026201.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q3719-10MS** | | **Client Sample ID: SB-1125-15BMS** | | | | | | | | | |
| Benzaldehyde | 1900 | 0 | 1200 | ug/Kg | 63 | | | | 20 | 111 | |
| Phenol | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 51 | 122 | |
| bis(2-Chloroethyl)ether | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 67 | 110 | |
| 2-Chlorophenol | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 67 | 119 | |
| 2-Methylphenol | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 68 | 116 | |
| 2,2-oxybis(1-Chloropropane) | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 59 | 113 | |
| Acetophenone | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 55 | 128 | |
| 3+4-Methylphenols | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 70 | 111 | |
| N-Nitroso-di-n-propylamine | 1900 | 0 | 1600 | ug/Kg | 84 | | | | 59 | 119 | |
| Hexachloroethane | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 65 | 115 | |
| Nitrobenzene | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 66 | 120 | |
| Isophorone | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 67 | 113 | |
| 2-Nitrophenol | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 69 | 135 | |
| 2,4-Dimethylphenol | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 63 | 151 | |
| bis(2-Chloroethoxy)methane | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 70 | 112 | |
| 2,4-Dichlorophenol | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 70 | 121 | |
| Naphthalene | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 66 | 113 | |
| 4-Chloroaniline | 1900 | 0 | 760 | ug/Kg | 40 | | | | 10 | 100 | |
| Hexachlorobutadiene | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 67 | 118 | |
| Caprolactam | 1900 | 0 | 1700 | ug/Kg | 89 | | | | 51 | 134 | |
| 4-Chloro-3-methylphenol | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 71 | 118 | |
| 2-Methylnaphthalene | 1900 | 0 | 1600 | ug/Kg | 84 | | | | 59 | 123 | |
| Hexachlorocyclopentadiene | 3700 | 0 | 3500 | ug/Kg | 95 | | | | 16 | 175 | |
| 2,4,6-Trichlorophenol | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 67 | 128 | |
| 2,4,5-Trichlorophenol | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 69 | 123 | |
| 1,1-Biphenyl | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 69 | 126 | |
| 2-Chloronaphthalene | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 71 | 113 | |
| 2-Nitroaniline | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 73 | 125 | |
| Dimethylphthalate | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 72 | 116 | |
| Acenaphthylene | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 69 | 128 | |
| 2,6-Dinitrotoluene | 1900 | 0 | 2000 | ug/Kg | 105 | | | | 67 | 141 | |
| 3-Nitroaniline | 1900 | 0 | 1100 | ug/Kg | 58 | | | | 28 | 102 | |
| Acenaphthene | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 70 | 121 | |
| 2,4-Dinitrophenol | 3700 | 0 | 4000 | ug/Kg | 108 | | | | 10 | 164 | |
| 4-Nitrophenol | 3700 | 0 | 3400 | ug/Kg | 92 | | | | 49 | 133 | |
| Dibenzofuran | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 71 | 111 | |
| 2,4-Dinitrotoluene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 73 | 130 | |
| Diethylphthalate | 1900 | 140 | 1900 | ug/Kg | 93 | | | | 73 | 116 | |
| 4-Chlorophenyl-phenylether | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 72 | 112 | |
| Fluorene | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 67 | 114 | |
| 4-Nitroaniline | 1900 | 0 | 1600 | ug/Kg | 84 | | | | 61 | 128 | |
| 4,6-Dinitro-2-methylphenol | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 25 | 163 | |
| N-Nitrosodiphenylamine | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 73 | 118 | |
| 4-Bromophenyl-phenylether | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 65 | 121 | |
| Hexachlorobenzene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 67 | 118 | |
| Atrazine | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 79 | 127 | |

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**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3719 **Analytical Method:** SW8270E

**Client:** Remington & Vernick **DataFile:** BP026201.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pentachlorophenol | 3700 | 0 | 3800 | ug/Kg | 103 | | | | 39 | 145 | |
| Phenanthrene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 52 | 128 | |
| Anthracene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 62 | 124 | |
| Carbazole | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 73 | 115 | |
| Di-n-butylphthalate | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 72 | 129 | |
| Fluoranthene | 1900 | 97.3 | 1900 | ug/Kg | 95 | | | | 31 | 152 | |
| Pyrene | 1900 | 74.7 | 2000 | ug/Kg | 101 | | | | 37 | 122 | |
| Butylbenzylphthalate | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 59 | 151 | |
| 3,3-Dichlorobenzidine | 1900 | 0 | 1200 | ug/Kg | 63 | | | | 10 | 116 | |
| Benzo(a)anthracene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 53 | 119 | |
| Chrysene | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 57 | 121 | |
| bis(2-Ethylhexyl)phthalate | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 64 | 139 | |
| Di-n-octyl phthalate | 1900 | 0 | 1800 | ug/Kg | 95 | | | | 51 | 156 | |
| Benzo(b)fluoranthene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 52 | 117 | |
| Benzo(k)fluoranthene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 57 | 134 | |
| Benzo(a)pyrene | 1900 | 0 | 2000 | ug/Kg | 105 | | | | 70 | 142 | |
| Indeno(1,2,3-cd)pyrene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 48 | 129 | |
| Dibenz(a,h)anthracene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 43 | 123 | |
| Benzo(g,h,i)perylene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 40 | 133 | |
| 1,2,4,5-Tetrachlorobenzene | 1900 | 0 | 1900 | ug/Kg | 100 | | | | 65 | 132 | |
| 1,4-Dioxane | 1900 | 0 | 1600 | ug/Kg | 84 | | | | 46 | 112 | |
| 2,3,4,6-Tetrachlorophenol | 1900 | 0 | 2000 | ug/Kg | 105 | | | | 56 | 141 | |

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**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3719 **Analytical Method:** SW8270E

**Client:** Remington & Vernick **DataFile:** BP026202.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q3719-10MSD** | | **Client Sample ID: SB-1125-15BMSD** | | | | | | | | | |
| Benzaldehyde | 1900 | 0 | 1200 | ug/Kg | 63 | 0 | | | 20 | 111 | 20 |
| Phenol | 1900 | 0 | 1700 | ug/Kg | 89 | 0 | | | 51 | 122 | 20 |
| bis(2-Chloroethyl)ether | 1900 | 0 | 1700 | ug/Kg | 89 | 0 | | | 67 | 110 | 20 |
| 2-Chlorophenol | 1900 | 0 | 1700 | ug/Kg | 89 | 7 | | | 67 | 119 | 20 |
| 2-Methylphenol | 1900 | 0 | 1700 | ug/Kg | 89 | 0 | | | 68 | 116 | 20 |
| 2,2-oxybis(1-Chloropropane) | 1900 | 0 | 1700 | ug/Kg | 89 | 0 | | | 59 | 113 | 20 |
| Acetophenone | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 55 | 128 | 20 |
| 3+4-Methylphenols | 1900 | 0 | 1600 | ug/Kg | 84 | 6 | | | 70 | 111 | 20 |
| N-Nitroso-di-n-propylamine | 1900 | 0 | 1600 | ug/Kg | 84 | 0 | | | 59 | 119 | 20 |
| Hexachloroethane | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 65 | 115 | 20 |
| Nitrobenzene | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 66 | 120 | 20 |
| Isophorone | 1900 | 0 | 1700 | ug/Kg | 89 | 0 | | | 67 | 113 | 20 |
| 2-Nitrophenol | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 69 | 135 | 16 |
| 2,4-Dimethylphenol | 1900 | 0 | 1700 | ug/Kg | 89 | 7 | | | 63 | 151 | 20 |
| bis(2-Chloroethoxy)methane | 1900 | 0 | 1700 | ug/Kg | 89 | 0 | | | 70 | 112 | 20 |
| 2,4-Dichlorophenol | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 70 | 121 | 20 |
| Naphthalene | 1900 | 0 | 1700 | ug/Kg | 89 | 0 | | | 66 | 113 | 20 |
| 4-Chloroaniline | 1900 | 0 | 790 | ug/Kg | 42 | 5 | | | 10 | 100 | 25 |
| Hexachlorobutadiene | 1900 | 0 | 1900 | ug/Kg | 100 | 5 | | | 67 | 118 | 16 |
| Caprolactam | 1900 | 0 | 1500 | ug/Kg | 79 | 12 | | | 51 | 134 | 25 |
| 4-Chloro-3-methylphenol | 1900 | 0 | 1600 | ug/Kg | 84 | 12 | | | 71 | 118 | 20 |
| 2-Methylnaphthalene | 1900 | 0 | 1500 | ug/Kg | 79 | 6 | | | 59 | 123 | 20 |
| Hexachlorocyclopentadiene | 3700 | 0 | 3800 | ug/Kg | 103 | 8 | | | 16 | 175 | 20 |
| 2,4,6-Trichlorophenol | 1900 | 0 | 1900 | ug/Kg | 100 | 0 | | | 67 | 128 | 16 |
| 2,4,5-Trichlorophenol | 1900 | 0 | 1800 | ug/Kg | 95 | 5 | | | 69 | 123 | 16 |
| 1,1-Biphenyl | 1900 | 0 | 1900 | ug/Kg | 100 | 5 | | | 69 | 126 | 20 |
| 2-Chloronaphthalene | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 71 | 113 | 20 |
| 2-Nitroaniline | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 73 | 125 | 16 |
| Dimethylphthalate | 1900 | 0 | 1700 | ug/Kg | 89 | 7 | | | 72 | 116 | 20 |
| Acenaphthylene | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 69 | 128 | 15 |
| 2,6-Dinitrotoluene | 1900 | 0 | 1900 | ug/Kg | 100 | 5 | | | 67 | 141 | 20 |
| 3-Nitroaniline | 1900 | 0 | 1000 | ug/Kg | 53 | 9 | | | 28 | 102 | 20 |
| Acenaphthene | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 70 | 121 | 16 |
| 2,4-Dinitrophenol | 3700 | 0 | 3600 | ug/Kg | 97 | 11 | | | 10 | 164 | 30 |
| 4-Nitrophenol | 3700 | 0 | 3200 | ug/Kg | 86 | 7 | | | 49 | 133 | 20 |
| Dibenzofuran | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 71 | 111 | 20 |
| 2,4-Dinitrotoluene | 1900 | 0 | 1700 | ug/Kg | 89 | 12 | | | 73 | 130 | 20 |
| Diethylphthalate | 1900 | 140 | 1800 | ug/Kg | 87 | 7 | | | 73 | 116 | 20 |
| 4-Chlorophenyl-phenylether | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 72 | 112 | 20 |
| Fluorene | 1900 | 0 | 1800 | ug/Kg | 95 | 0 | | | 67 | 114 | 20 |
| 4-Nitroaniline | 1900 | 0 | 1400 | ug/Kg | 74 | 13 | | | 61 | 128 | 20 |
| 4,6-Dinitro-2-methylphenol | 1900 | 0 | 1800 | ug/Kg | 95 | 5 | | | 25 | 163 | 30 |
| N-Nitrosodiphenylamine | 1900 | 0 | 1900 | ug/Kg | 100 | 0 | | | 73 | 118 | 20 |
| 4-Bromophenyl-phenylether | 1900 | 0 | 1900 | ug/Kg | 100 | 0 | | | 65 | 121 | 20 |
| Hexachlorobenzene | 1900 | 0 | 1900 | ug/Kg | 100 | 0 | | | 67 | 118 | 20 |
| Atrazine | 1900 | 0 | 1800 | ug/Kg | 95 | 5 | | | 79 | 127 | 20 |

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**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3719 **Analytical Method:** SW8270E

**Client:** Remington & Vernick **DataFile:** BP026202.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pentachlorophenol | 3700 | 0 | 3700 | ug/Kg | 100 | | 3 | | 39 | 145 | 20 |
| Phenanthrene | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 52 | 128 | 20 |
| Anthracene | 1900 | 0 | 1800 | ug/Kg | 95 | | 5 | | 62 | 124 | 20 |
| Carbazole | 1900 | 0 | 1800 | ug/Kg | 95 | | 0 | | 73 | 115 | 20 |
| Di-n-butylphthalate | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 72 | 129 | 20 |
| Fluoranthene | 1900 | 97.3 | 1900 | ug/Kg | 95 | | 0 | | 31 | 152 | 20 |
| Pyrene | 1900 | 74.7 | 1800 | ug/Kg | 91 | | 10 | | 37 | 122 | 27 |
| Butylbenzylphthalate | 1900 | 0 | 1800 | ug/Kg | 95 | | 5 | | 59 | 151 | 20 |
| 3,3-Dichlorobenzidine | 1900 | 0 | 1300 | ug/Kg | 68 | | 8 | | 10 | 116 | 20 |
| Benzo(a)anthracene | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 53 | 119 | 20 |
| Chrysene | 1900 | 0 | 1900 | ug/Kg | 100 | | 5 | | 57 | 121 | 20 |
| bis(2-Ethylhexyl)phthalate | 1900 | 0 | 1800 | ug/Kg | 95 | | 0 | | 64 | 139 | 20 |
| Di-n-octyl phthalate | 1900 | 0 | 1800 | ug/Kg | 95 | | 0 | | 51 | 156 | 20 |
| Benzo(b)fluoranthene | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 52 | 117 | 20 |
| Benzo(k)fluoranthene | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 57 | 134 | 20 |
| Benzo(a)pyrene | 1900 | 0 | 1900 | ug/Kg | 100 | | 5 | | 70 | 142 | 20 |
| Indeno(1,2,3-cd)pyrene | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 48 | 129 | 20 |
| Dibenz(a,h)anthracene | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 43 | 123 | 20 |
| Benzo(g,h,i)perylene | 1900 | 0 | 1900 | ug/Kg | 100 | | 0 | | 40 | 133 | 20 |
| 1,2,4,5-Tetrachlorobenzene | 1900 | 0 | 2000 | ug/Kg | 105 | | 5 | | 65 | 132 | 20 |
| 1,4-Dioxane | 1900 | 0 | 1600 | ug/Kg | 84 | | 0 | | 46 | 112 | 20 |
| 2,3,4,6-Tetrachlorophenol | 1900 | 0 | 1800 | ug/Kg | 95 | | 10 | | 56 | 141 | 20 |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3719 **Analytical Method:** 8270E

**Client:** Remington & Vernick **DataFile:** BF144360.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170735BS | Benzaldehyde | 1700 | 1600 | ug/Kg | 94 | | | | 10 | 133 | |
| | Phenol | 1700 | 1300 | ug/Kg | 76 | | | | 62 | 112 | |
| | bis(2-Chloroethyl)ether | 1700 | 1500 | ug/Kg | 88 | | | | 60 | 101 | |
| | 2-Chlorophenol | 1700 | 1500 | ug/Kg | 88 | | | | 65 | 112 | |
| | 2-Methylphenol | 1700 | 1400 | ug/Kg | 82 | | | | 74 | 105 | |
| | 2,2-oxybis(1-Chloropropane) | 1700 | 1500 | ug/Kg | 88 | | | | 51 | 100 | |
| | Acetophenone | 1700 | 1500 | ug/Kg | 88 | | | | 66 | 98 | |
| | 3+4-Methylphenols | 1700 | 1400 | ug/Kg | 82 | | | | 58 | 111 | |
| | N-Nitroso-di-n-propylamine | 1700 | 1400 | ug/Kg | 82 | | | | 63 | 95 | |
| | Hexachloroethane | 1700 | 1400 | ug/Kg | 82 | | | | 72 | 108 | |
| | Nitrobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 100 | |
| | Isophorone | 1700 | 1500 | ug/Kg | 88 | | | | 59 | 99 | |
| | 2-Nitrophenol | 1700 | 1500 | ug/Kg | 88 | | | | 75 | 113 | |
| | 2,4-Dimethylphenol | 1700 | 1600 | ug/Kg | 94 | | | | 61 | 130 | |
| | bis(2-Chloroethoxy)methane | 1700 | 1500 | ug/Kg | 88 | | | | 66 | 97 | |
| | 2,4-Dichlorophenol | 1700 | 1400 | ug/Kg | 82 | | | | 62 | 107 | |
| | Naphthalene | 1700 | 1400 | ug/Kg | 82 | | | | 62 | 100 | |
| | 4-Chloroaniline | 1700 | 860 | ug/Kg | 51 | | | | 16 | 100 | |
| | Hexachlorobutadiene | 1700 | 1300 | ug/Kg | 76 | | | | 68 | 108 | |
| | Caprolactam | 1700 | 1500 | ug/Kg | 88 | | | | 67 | 110 | |
| | 4-Chloro-3-methylphenol | 1700 | 1400 | ug/Kg | 82 | | | | 74 | 106 | |
| | 2-Methylnaphthalene | 1700 | 1300 | ug/Kg | 76 | | | | 60 | 104 | |
| | Hexachlorocyclopentadiene | 3300 | 2500 | ug/Kg | 76 | | | | 45 | 165 | |
| | 2,4,6-Trichlorophenol | 1700 | 1400 | ug/Kg | 82 | | | | 59 | 102 | |
| | 2,4,5-Trichlorophenol | 1700 | 1300 | ug/Kg | 76 | | | | 74 | 110 | |
| | 1,1-Biphenyl | 1700 | 1600 | ug/Kg | 94 | | | | 71 | 110 | |
| | 2-Chloronaphthalene | 1700 | 1400 | ug/Kg | 82 | | | | 70 | 103 | |
| | 2-Nitroaniline | 1700 | 1400 | ug/Kg | 82 | | | | 66 | 101 | |
| | Dimethylphthalate | 1700 | 1500 | ug/Kg | 88 | | | | 76 | 101 | |
| | Acenaphthylene | 1700 | 1600 | ug/Kg | 94 | | | | 76 | 111 | |
| | 2,6-Dinitrotoluene | 1700 | 1500 | ug/Kg | 88 | | | | 78 | 116 | |
| | 3-Nitroaniline | 1700 | 1100 | ug/Kg | 65 | | | | 28 | 100 | |
| | Acenaphthene | 1700 | 1300 | ug/Kg | 76 | | | | 73 | 105 | |
| | 2,4-Dinitrophenol | 3300 | 2600 | ug/Kg | 79 | | | | 59 | 137 | |
| | 4-Nitrophenol | 3300 | 2100 | ug/Kg | 64 | | | | 60 | 124 | |
| | Dibenzofuran | 1700 | 1400 | ug/Kg | 82 | | | | 63 | 99 | |
| | 2,4-Dinitrotoluene | 1700 | 1400 | ug/Kg | 82 | | | | 78 | 115 | |
| | Diethylphthalate | 1700 | 1400 | ug/Kg | 82 | | | | 76 | 104 | |
| | 4-Chlorophenyl-phenylether | 1700 | 1300 | ug/Kg | 76 | | | | 73 | 101 | |
| | Fluorene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 99 | |
| | 4-Nitroaniline | 1700 | 1300 | ug/Kg | 76 | | | | 64 | 103 | |
| | 4,6-Dinitro-2-methylphenol | 1700 | 1400 | ug/Kg | 82 | | | | 76 | 113 | |
| | N-Nitrosodiphenylamine | 1700 | 1500 | ug/Kg | 88 | | | | 71 | 99 | |
| | 4-Bromophenyl-phenylether | 1700 | 1400 | ug/Kg | 82 | | | | 66 | 102 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3719 **Analytical Method:** 8270E

**Client:** Remington & Vernick **DataFile:** BF144360.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170735BS | Hexachlorobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 64 | 98 | |
| | Atrazine | 1700 | 1500 | ug/Kg | 88 | | | | 71 | 122 | |
| | Pentachlorophenol | 3300 | 2700 | ug/Kg | 82 | | | | 56 | 129 | |
| | Phenanthrene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 100 | |
| | Anthracene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 103 | |
| | Carbazole | 1700 | 1400 | ug/Kg | 82 | | | | 76 | 103 | |
| | Di-n-butylphthalate | 1700 | 1500 | ug/Kg | 88 | | | | 76 | 110 | |
| | Fluoranthene | 1700 | 1400 | ug/Kg | 82 | | | | 73 | 105 | |
| | Pyrene | 1700 | 1400 | ug/Kg | 82 | | | | 59 | 103 | |
| | Butylbenzylphthalate | 1700 | 1500 | ug/Kg | 88 | | | | 75 | 120 | |
| | 3,3-Dichlorobenzidine | 1700 | 1200 | ug/Kg | 71 | | | | 31 | 94 | |
| | Benzo(a)anthracene | 1700 | 1500 | ug/Kg | 88 | | | | 75 | 104 | |
| | Chrysene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 103 | |
| | bis(2-Ethylhexyl)phthalate | 1700 | 1600 | ug/Kg | 94 | | | | 77 | 113 | |
| | Di-n-octyl phthalate | 1700 | 1700 | ug/Kg | 100 | | | | 76 | 110 | |
| | Benzo(b)fluoranthene | 1700 | 1800 | ug/Kg | 106 | | | | 62 | 109 | |
| | Benzo(k)fluoranthene | 1700 | 1500 | ug/Kg | 88 | | | | 75 | 108 | |
| | Benzo(a)pyrene | 1700 | 1700 | ug/Kg | 100 | | | | 79 | 109 | |
| | Indeno(1,2,3-cd)pyrene | 1700 | 1500 | ug/Kg | 88 | | | | 63 | 101 | |
| | Dibenz(a,h)anthracene | 1700 | 1600 | ug/Kg | 94 | | | | 61 | 112 | |
| | Benzo(g,h,i)perylene | 1700 | 1600 | ug/Kg | 94 | | | | 70 | 108 | |
| | 1,2,4,5-Tetrachlorobenzene | 1700 | 1500 | ug/Kg | 88 | | | | 53 | 101 | |
| | 1,4-Dioxane | 1700 | 1300 | ug/Kg | 76 | | | | 50 | 96 | |
| | 2,3,4,6-Tetrachlorophenol | 1700 | 1400 | ug/Kg | 82 | | | | 71 | 118 | |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170735BL

Lab Name: Alliance | Contract: REMI01

Lab Code: ACE | SDG NO.: Q3719

Lab File ID: BF144359.D | Lab Sample ID: PB170735BL

Instrument ID: BNA_F | Date Extracted: 11/25/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/26/2025

Level: (low/med) LOW | Time Analyzed: 14:00

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| PB170735BS | PB170735BS | BF144360.D | 11/26/2025 |
| SB-1125-10A | Q3719-01 | BF144363.D | 11/26/2025 |
| SB-1125-10B | Q3719-02 | BF144364.D | 11/26/2025 |
| SB-1125-11A | Q3719-03 | BF144365.D | 11/26/2025 |
| SB-1125-11B | Q3719-04 | BF144366.D | 11/26/2025 |
| SB-1125-12A | Q3719-05 | BF144367.D | 11/26/2025 |
| SB-1125-12B | Q3719-06 | BF144368.D | 11/26/2025 |
| SB-1125-14A | Q3719-07 | BF144369.D | 11/26/2025 |
| SB-1125-14B | Q3719-08 | BF144370.D | 11/26/2025 |
| SB-1125-15A | Q3719-09 | BF144371.D | 11/26/2025 |
| SB-1125-16B | Q3719-12 | BF144375.D | 11/26/2025 |
| SB-1125-16A | Q3719-11 | BF144388.D | 12/01/2025 |
| SB-1125-17B | Q3719-14 | BF144395.D | 12/01/2025 |
| SB-1125-17A | Q3719-13 | BF144413.D | 12/02/2025 |
| SB-1125-15BMS | Q3719-10MS | BP026201.D | 12/01/2025 |
| SB-1125-15BMSD | Q3719-10MSD | BP026202.D | 12/01/2025 |
| SB-1125-15B | Q3719-10 | BP026203.D | 12/01/2025 |

COMMENTS:

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**5B**

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

Lab Name: Alliance — Contract: REMI01

Lab Code: ACE — SDG NO.: Q3719

Lab File ID: BF144168.D — DFTPP Injection Date: 11/05/2025

Instrument ID: BNA_F — DFTPP Injection Time: 12:21

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.4 ( 1.8 ) 1 |
| 69 | Mass 69 relative abundance | 24.5 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 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 | 5.2 |
| 365 | Greater than 1% of mass 198 | 2.6 |
| 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 | 19.3 (19.3) 2 |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BF144169.D | 11/05/2025 | 12:50 |
| SSTDICC005 | SSTDICC005 | BF144170.D | 11/05/2025 | 13:20 |
| SSTDICC010 | SSTDICC010 | BF144171.D | 11/05/2025 | 13:50 |
| SSTDICC020 | SSTDICC020 | BF144172.D | 11/05/2025 | 14:20 |
| SSTDICCC040 | SSTDICCC040 | BF144173.D | 11/05/2025 | 14:50 |
| SSTDICC050 | SSTDICC050 | BF144174.D | 11/05/2025 | 15:49 |
| SSTDICC060 | SSTDICC060 | BF144175.D | 11/05/2025 | 16:19 |
| SSTDICC080 | SSTDICC080 | BF144176.D | 11/05/2025 | 16:49 |

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**5B**

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

Lab Name: Alliance — Contract: REMI01

Lab Code: ACE — SDG NO.: Q3719

Lab File ID: BF144357.D — DFTPP Injection Date: 11/26/2025

Instrument ID: BNA_F — DFTPP Injection Time: 13:00

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.9 ) 1 |
| 69 | Mass 69 relative abundance | 27.1 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.8 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 5.3 |
| 365 | Greater than 1% of mass 198 | 2.7 |
| 441 | Present, but less than mass 443 | 16.6 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 19.2 (19.2) 2 |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BF144358.D | 11/26/2025 | 13:30 |
| PB170735BL | PB170735BL | BF144359.D | 11/26/2025 | 14:00 |
| PB170735BS | PB170735BS | BF144360.D | 11/26/2025 | 14:30 |
| SB-1125-10A | Q3719-01 | BF144363.D | 11/26/2025 | 16:11 |
| SB-1125-10B | Q3719-02 | BF144364.D | 11/26/2025 | 16:42 |
| SB-1125-11A | Q3719-03 | BF144365.D | 11/26/2025 | 17:12 |
| SB-1125-11B | Q3719-04 | BF144366.D | 11/26/2025 | 17:42 |
| SB-1125-12A | Q3719-05 | BF144367.D | 11/26/2025 | 18:12 |
| SB-1125-12B | Q3719-06 | BF144368.D | 11/26/2025 | 18:42 |
| SB-1125-14A | Q3719-07 | BF144369.D | 11/26/2025 | 19:13 |
| SB-1125-14B | Q3719-08 | BF144370.D | 11/26/2025 | 19:43 |
| SB-1125-15A | Q3719-09 | BF144371.D | 11/26/2025 | 20:13 |
| SB-1125-16B | Q3719-12 | BF144375.D | 11/26/2025 | 22:13 |

Raw Data: **BF144381.D**

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5B

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

Lab Name: Alliance — Contract: REMI01

Lab Code: ACE — SDG NO.: Q3719

Lab File ID: BF144381.D — DFTPP Injection Date: 12/01/2025

Instrument ID: BNA_F — DFTPP Injection Time: 12:12

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.3 ( 1.2 ) 1 |
| 69 | Mass 69 relative abundance | 20.8 |
| 70 | Less than 2.0% of mass 69 | 0.0 ( 0.0 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.1 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 4.7 |
| 365 | Greater than 1% of mass 198 | 2.6 |
| 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 | 18 ( 18 ) 2 |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BF144382.D | 12/01/2025 | 12:41 |
| SB-1125-16A | Q3719-11 | BF144388.D | 12/01/2025 | 15:45 |
| SB-1125-17B | Q3719-14 | BF144395.D | 12/01/2025 | 19:11 |

Raw Data: **BF144397.D**

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5B

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

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG NO.: Q3719

Lab File ID: BF144397.D DFTPP Injection Date: 12/02/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:31

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.3 ( 1.5 ) 1 |
| 69 | Mass 69 relative abundance | 19.2 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 1.1 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 4.3 |
| 365 | Greater than 1% of mass 198 | 2.6 |
| 441 | Present, but less than mass 443 | 16.1 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 19 ( 19 ) 2 |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BF144398.D | 12/02/2025 | 11:00 |
| SB-1125-17A | Q3719-13 | BF144413.D | 12/02/2025 | 20:18 |

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**5B**

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

Lab Name: Alliance — Contract: REMI01

Lab Code: ACE — SDG NO.: Q3719

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

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

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.6 ) 1 |
| 69 | Mass 69 relative abundance | 30.9 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.4 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.1 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.8 |
| 365 | Greater than 1% of mass 198 | 3.6 |
| 441 | Present, but less than mass 443 | 13.6 |
| 442 | Greater than 50% of mass 198 | 88.7 |
| 443 | 15.0 - 24.0% of mass 442 | 17.3 (19.5) 2 |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BP026143.D | 11/18/2025 | 14:31 |
| SSTDICC005 | SSTDICC005 | BP026144.D | 11/18/2025 | 15:12 |
| SSTDICC010 | SSTDICC010 | BP026145.D | 11/18/2025 | 15:54 |
| SSTDICC020 | SSTDICC020 | BP026146.D | 11/18/2025 | 16:35 |
| SSTDICCC040 | SSTDICCC040 | BP026147.D | 11/18/2025 | 17:57 |
| SSTDICC050 | SSTDICC050 | BP026148.D | 11/18/2025 | 18:38 |
| SSTDICC060 | SSTDICC060 | BP026149.D | 11/18/2025 | 20:00 |
| SSTDICC080 | SSTDICC080 | BP026150.D | 11/18/2025 | 21:22 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI01

Lab Code: ACE | SDG NO.: Q3719

Lab File ID: BP026196.D | DFTPP Injection Date: 12/01/2025

Instrument ID: BNA_P | DFTPP Injection Time: 12:48

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.6 ( 1.8 ) 1 |
| 69 | Mass 69 relative abundance | 31 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.4 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.2 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.9 |
| 365 | Greater than 1% of mass 198 | 3.7 |
| 441 | Present, but less than mass 443 | 13.2 |
| 442 | Greater than 50% of mass 198 | 85.8 |
| 443 | 15.0 - 24.0% of mass 442 | 17 (19.8) 2 |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BP026197.D | 12/01/2025 | 14:09 |
| SB-1125-15BMS | Q3719-10MS | BP026201.D | 12/01/2025 | 17:51 |
| SB-1125-15BMSD | Q3719-10MSD | BP026202.D | 12/01/2025 | 18:40 |
| SB-1125-15B | Q3719-10 | BP026203.D | 12/01/2025 | 19:21 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

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

Lab File ID: BF144358.D Time Analyzed: 13:30

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 61998 | 6.863 | 227764 | 8.15 | 130458 | 9.90 |
| | UPPER LIMIT | 123996 | 7.363 | 455528 | 8.645 | 260916 | 10.404 |
| | LOWER LIMIT | 30999 | 6.363 | 113882 | 7.645 | 65229 | 9.404 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SB-1125-12B | 51725 | 6.86 | 197457 | 8.15 | 101915 | 9.90 |
| 02 | SB-1125-14A | 52766 | 6.86 | 194377 | 8.15 | 98091 | 9.90 |
| 03 | SB-1125-14B | 55532 | 6.86 | 197185 | 8.14 | 101598 | 9.90 |
| 04 | SB-1125-15A | 55771 | 6.86 | 208342 | 8.15 | 106207 | 9.90 |
| 05 | SB-1125-16B | 57782 | 6.86 | 213615 | 8.15 | 107143 | 9.90 |
| 06 | PB170735BL | 62889 | 6.86 | 250119 | 8.14 | 143140 | 9.90 |
| 07 | PB170735BS | 62512 | 6.86 | 243072 | 8.15 | 133431 | 9.90 |
| 08 | SB-1125-10A | 56003 | 6.86 | 212654 | 8.15 | 113982 | 9.90 |
| 09 | SB-1125-10B | 62995 | 6.86 | 238733 | 8.14 | 129698 | 9.90 |
| 10 | SB-1125-11A | 56499 | 6.86 | 215321 | 8.15 | 115085 | 9.90 |
| 11 | SB-1125-11B | 54876 | 6.86 | 211741 | 8.15 | 115910 | 9.90 |
| 12 | SB-1125-12A | 55725 | 6.86 | 204609 | 8.15 | 104861 | 9.90 |

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

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

Lab File ID: BF144358.D Time Analyzed: 13:30

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 228211 | 11.392 | 137488 | 14.045 | 181907 | 15.521 |
| | UPPER LIMIT | 456422 | 11.892 | 274976 | 14.545 | 363814 | 16.021 |
| | LOWER LIMIT | 114106 | 10.892 | 68744 | 13.545 | 90953.5 | 15.021 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SB-1125-12B | 153449 | 11.39 | 134244 | 14.04 | 160199 | 15.52 |
| 02 | SB-1125-14A | 144935 | 11.39 | 134586 | 14.04 | 161855 | 15.52 |
| 03 | SB-1125-14B | 149191 | 11.39 | 136224 | 14.04 | 168122 | 15.52 |
| 04 | SB-1125-15A | 155107 | 11.39 | 141509 | 14.04 | 167558 | 15.52 |
| 05 | SB-1125-16B | 152030 | 11.39 | 152288 | 14.04 | 178501 | 15.52 |
| 06 | PB170735BL | 260449 | 11.39 | 152468 | 14.04 | 186363 | 15.52 |
| 07 | PB170735BS | 215808 | 11.39 | 134794 | 14.05 | 165299 | 15.52 |
| 08 | SB-1125-10A | 182608 | 11.39 | 130422 | 14.04 | 170948 | 15.52 |
| 09 | SB-1125-10B | 196600 | 11.39 | 148954 | 14.04 | 194636 | 15.52 |
| 10 | SB-1125-11A | 175885 | 11.39 | 134346 | 14.04 | 175772 | 15.52 |
| 11 | SB-1125-11B | 179392 | 11.39 | 133511 | 14.04 | 179241 | 15.52 |
| 12 | SB-1125-12A | 152442 | 11.39 | 133155 | 14.04 | 168994 | 15.53 |

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

Client ID : SSTDCCC040 Date Analyzed: 12/01/2025

Lab File ID: BF144382.D Time Analyzed: 12:41

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 58717 | 6.863 | 221118 | 8.15 | 119295 | 9.90 |
| | UPPER LIMIT | 117434 | 7.363 | 442236 | 8.645 | 238590 | 10.404 |
| | LOWER LIMIT | 29358.5 | 6.363 | 110559 | 7.645 | 59647.5 | 9.404 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SB-1125-16A | 47886 | 6.86 | 176365 | 8.15 | 87150 | 9.90 |
| 02 | SB-1125-17B | 64196 | 6.86 | 226428 | 8.15 | 117202 | 9.90 |

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

Client ID: SSTDCCC040 Date Analyzed: 12/01/2025

Lab File ID: BF144382.D Time Analyzed: 12:41

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 191565 | 11.398 | 137289 | 14.045 | 182291 | 15.527 |
| | UPPER LIMIT | 383130 | 11.898 | 274578 | 14.545 | 364582 | 16.027 |
| | LOWER LIMIT | 95782.5 | 10.898 | 68644.5 | 13.545 | 91145.5 | 15.027 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SB-1125-16A | 137127 | 11.39 | 130274 | 14.05 | 154506 | 15.53 |
| 02 | SB-1125-17B | 208690 | 11.39 | 174001 | 14.05 | 135181 | 15.53 |

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

Client ID : SSTDCCC040 Date Analyzed: 12/02/2025

Lab File ID: BF144398.D Time Analyzed: 11:00

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 57181 | 6.863 | 207500 | 8.15 | 104779 | 9.90 |
| | UPPER LIMIT | 114362 | 7.363 | 415000 | 8.645 | 209558 | 10.404 |
| | LOWER LIMIT | 28590.5 | 6.363 | 103750 | 7.645 | 52389.5 | 9.404 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SB-1125-17A | 38060 | 6.86 | 134068 | 8.15 | 71503 | 9.90 |

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

Client ID: SSTDCCC040 Date Analyzed: 12/02/2025

Lab File ID: BF144398.D Time Analyzed: 11:00

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | | RT # |
|---|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 165068 | 11.398 | 133342 | 14.051 | 190533 | | 15.533 |
| | UPPER LIMIT | 330136 | 11.898 | 266684 | 14.551 | 381066 | | 16.033 |
| | LOWER LIMIT | 82534 | 10.898 | 66671 | 13.551 | 95266.5 | | 15.033 |
| | EPA SAMPLE NO. | | | | | | | |
| 01 | SB-1125-17A | 142069 | 11.39 | 101218 | 14.05 | 83845 | * | 15.53 |

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

Client ID : SSTDCCC040 Date Analyzed: 12/01/2025

Lab File ID: BP026197.D Time Analyzed: 14:09

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 271172 | 7.66 | 1093510 | 10.43 | 683760 | 14.29 |
| | UPPER LIMIT | 542344 | 8.16 | 2187020 | 10.925 | 1367520 | 14.789 |
| | LOWER LIMIT | 135586 | 7.16 | 546755 | 9.925 | 341880 | 13.789 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SB-1125-15BMS | 233034 | 7.66 | 911777 | 10.41 | 569978 | 14.29 |
| 02 | SB-1125-15B | 219787 | 7.66 | 815242 | 10.43 | 475411 | 14.28 |
| 03 | SB-1125-15BMSD | 222842 | 7.64 | 845732 | 10.40 | 491065 | 14.28 |

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3719

Client ID: SSTDCCC040 Date Analyzed: 12/01/2025

Lab File ID: BP026197.D Time Analyzed: 14:09

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 1350550 | 17.101 | 1519760 | 21.542 | 1717380 | 24.83 |
| | UPPER LIMIT | 2701100 | 17.601 | 3039520 | 22.042 | 3434760 | 25.33 |
| | LOWER LIMIT | 675275 | 16.601 | 759880 | 21.042 | 858690 | 24.33 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SB-1125-15BMS | 1129940 | 17.10 | 1151090 | 21.54 | 1323410 | 24.83 |
| 02 | SB-1125-15B | 944258 | 17.10 | 1177870 | 21.54 | 1392130 | 24.83 |
| 03 | SB-1125-15BMSD | 902556 | 17.10 | 1043300 | 21.54 | 1293510 | 24.82 |

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.

Alliance
TECHNICAL GROUP

# SAMPLE DATA

Raw Data: **BF144363.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | Date Collected: | 11/24/25 | |
| Project: | Saddler Property | | Date Received: | 11/25/25 | |
| Client Sample ID: | SB-1125-10A | | SDG No.: | Q3719 | |
| Lab Sample ID: | Q3719-01 | | Matrix: | SOIL | |
| Analytical Method: | 8270E | Level: LOW | % Solid: | 76.2 | |
| Sample Wt/Vol: | 30.04 g | Final Vol: 1000 uL | Test: | SVOC-TCL BNA -20 | |
| Prep Method : | SW3541 | Prep Date: 11/25/25 | | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 200 | U | 1 | 200 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 108-95-2 | Phenol | 29.0 | U | 1 | 29.0 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 31.8 | U | 1 | 31.8 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 32.0 | U | 1 | 32.0 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 95-48-7 | 2-Methylphenol | 39.2 | U | 1 | 39.2 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 49.1 | U | 1 | 49.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 98-86-2 | Acetophenone | 38.7 | U | 1 | 38.7 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 53.9 | U | 1 | 53.9 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 62.1 | U | 1 | 62.1 | 100 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 67-72-1 | Hexachloroethane | 23.1 | U | 1 | 23.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 98-95-3 | Nitrobenzene | 24.0 | U | 1 | 24.0 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 78-59-1 | Isophorone | 43.0 | U | 1 | 43.0 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 76.3 | U | 1 | 76.3 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 84.9 | U | 1 | 84.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 40.4 | U | 1 | 40.4 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 37.1 | U | 1 | 37.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 91-20-3 | Naphthalene | 29.8 | U | 1 | 29.8 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 46.4 | U | 1 | 46.4 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 33.2 | U | 1 | 33.2 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 105-60-2 | Caprolactam | 68.3 | U | 1 | 68.3 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 37.6 | U | 1 | 37.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 33.6 | U | 1 | 33.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 150 | U | 1 | 150 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 25.9 | U | 1 | 25.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 38.1 | U | 1 | 38.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 28.6 | U | 1 | 28.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 29.5 | U | 1 | 29.5 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 63.0 | U | 1 | 63.0 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 131-11-3 | Dimethylphthalate | 35.5 | U | 1 | 35.5 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 208-96-8 | Acenaphthylene | 37.9 | U | 1 | 37.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 44.0 | U | 1 | 44.0 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 60.3 | U | 1 | 60.3 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 83-32-9 | Acenaphthene | 27.9 | U | 1 | 27.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 300 | U | 1 | 300 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 140 | U | 1 | 140 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 132-64-9 | Dibenzofuran | 29.8 | U | 1 | 29.8 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 65.7 | U | 1 | 65.7 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 84-66-2 | Diethylphthalate | 37.1 | U | 1 | 37.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 35.0 | U | 1 | 35.0 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 86-73-7 | Fluorene | 33.2 | U | 1 | 33.2 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 84.1 | U | 1 | 84.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 1 | 130 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |

Raw Data: **BF144363.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-10A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-01 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 76.2 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 43.1 | U | 1 | 43.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 36.4 | U | 1 | 36.4 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 33.2 | U | 1 | 33.2 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 1912-24-9 | Atrazine | 44.6 | U | 1 | 44.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 87-86-5 | Pentachlorophenol | 67.2 | U | 1 | 67.2 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 85-01-8 | Phenanthrene | 180 | J | 1 | 27.4 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 120-12-7 | Anthracene | 43.6 | U | 1 | 43.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 86-74-8 | Carbazole | 40.9 | U | 1 | 40.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 62.8 | U | 1 | 62.8 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 206-44-0 | Fluoranthene | 290 | | 1 | 39.3 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 129-00-0 | Pyrene | 240 | | 1 | 47.2 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 93.6 | U | 1 | 93.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 48.1 | U | 1 | 48.1 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 170 | J | 1 | 30.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 218-01-9 | Chrysene | 180 | J | 1 | 26.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 77.6 | U | 1 | 77.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 110 | U | 1 | 110 | 430 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 190 | J | 1 | 24.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 89.4 | J | 1 | 29.4 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 170 | J | 1 | 38.7 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 38.1 | U | 1 | 38.1 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 35.9 | U | 1 | 35.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 33.7 | U | 1 | 33.7 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 33.6 | U | 1 | 33.6 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 59.2 | U | 1 | 59.2 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 35.9 | U | 1 | 35.9 | 220 | ug/Kg | 11/26/25 16:11 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 80.4 | | | 10 - 105 | 54% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 81.9 | | | 10 - 103 | 55% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 56.6 | | | 10 - 108 | 57% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 52.1 | | | 10 - 108 | 52% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 72.2 | | | 10 - 116 | 48% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 40.2 | | | 10 - 109 | 40% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 56000 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 213000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 114000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 183000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 130000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 171000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 230 | J | | | 10.6 | ug/Kg | | |
| 002416-19-5 | cis-7-Hexadecenoic acid | 96.5 | J | | | 11.8 | ug/Kg | | |

Raw Data: **BF144363.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-10A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-01 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 76.2 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000057-10-3 | n-Hexadecanoic acid | 450 | J | | | 11.9 | ug/Kg | | |
| 959261-23-5 | Heptafluorobutyric acid, pentadecy | 160 | J | | | 13.9 | ug/Kg | | |
| 000192-97-2 | Benzo[e]pyrene | 110 | J | | | 15.4 | 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

Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 26 16:31:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 56003 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 212654 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 113982 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 182608 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 130422 | 20.000 | ng | #-0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 170948 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 287848 | 80.432 | ng | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 331956 | 81.863 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 208508 | 56.629 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 103297 | 72.218 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 402012 | 52.091 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 330168 | 40.211 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 38380 | 4.221 | ng | 97 |
| 75) Fluoranthene | 12.610 | 202 | 62680 | 6.674 | ng | 98 |
| 78) Pyrene | 12.839 | 202 | 56946 | 5.415 | ng | 98 |
| 81) Benzo(a)anthracene | 14.027 | 228 | 34873 | 3.858 | ng | 95 |
| 83) Chrysene | 14.068 | 228 | 33772 | 4.047 | ng | 93 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 43043m | 4.429 | ng | |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 18624m | 2.047 | ng | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 34099 | 3.803 | ng | # 93 |

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

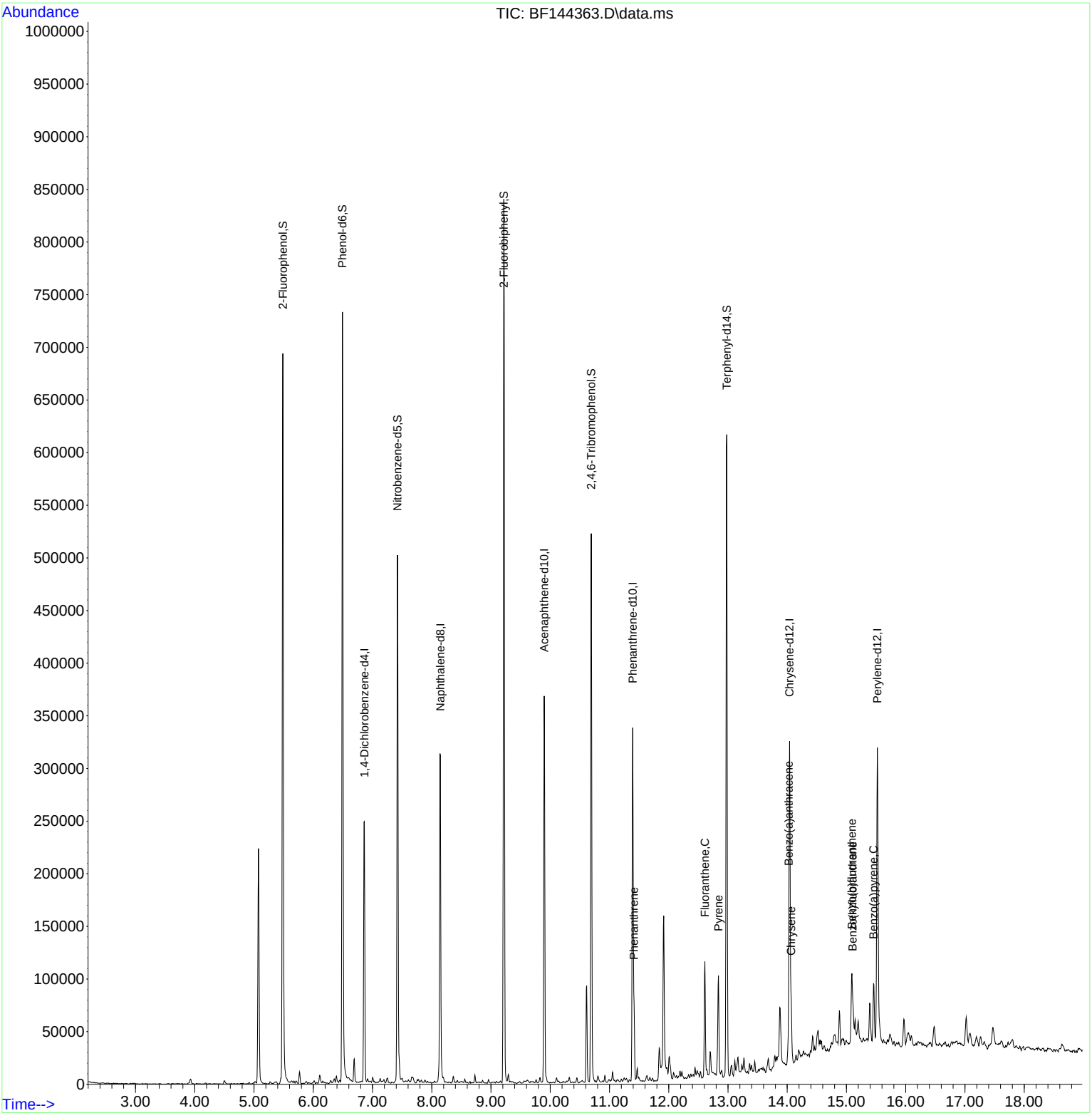
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

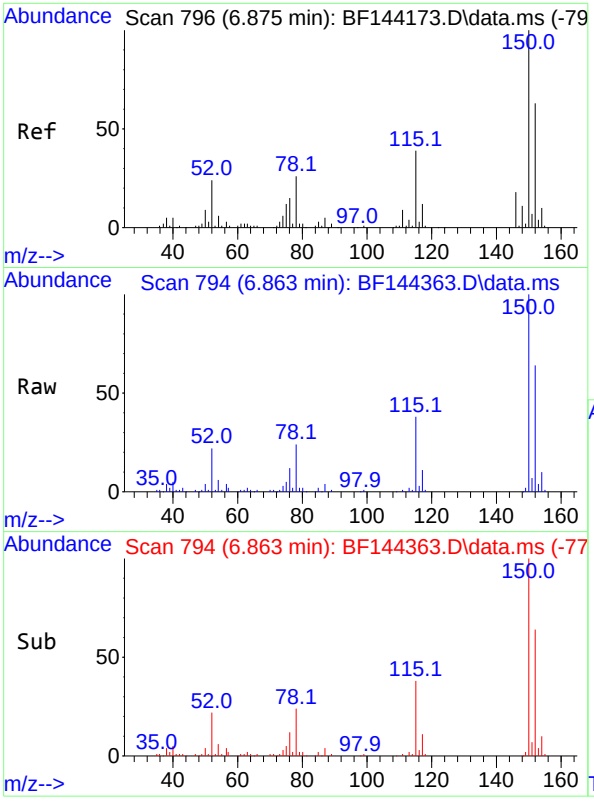
Quant Time: Nov 26 16:31:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

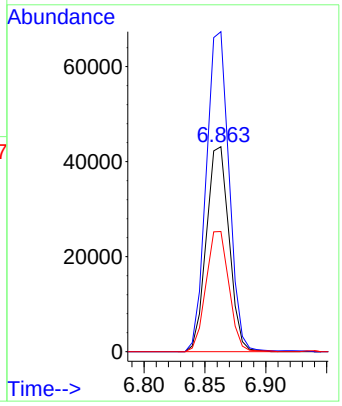





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:152 Resp: 5600

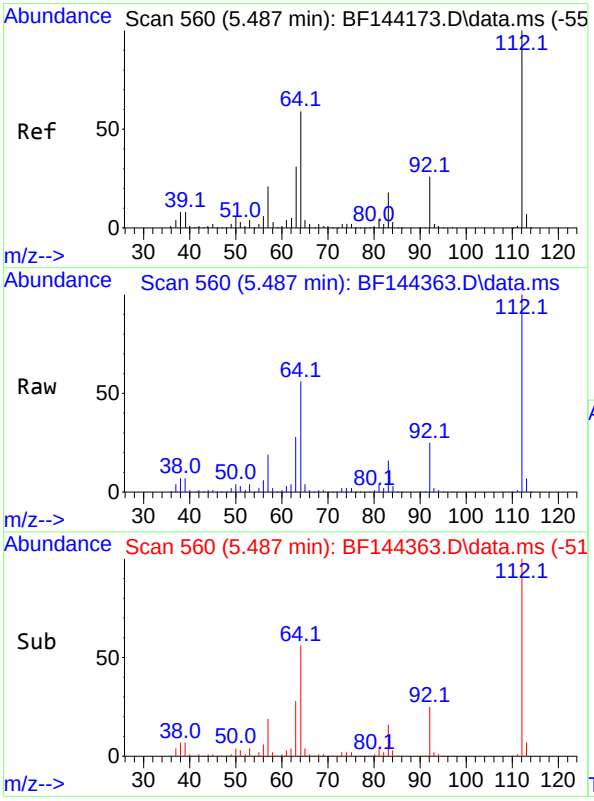
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 127.4 | 191.0 |
| 115 | 58.6 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
**APPROVED**

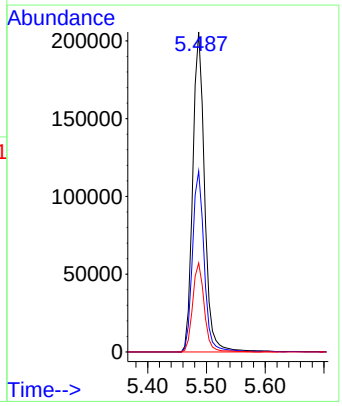
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

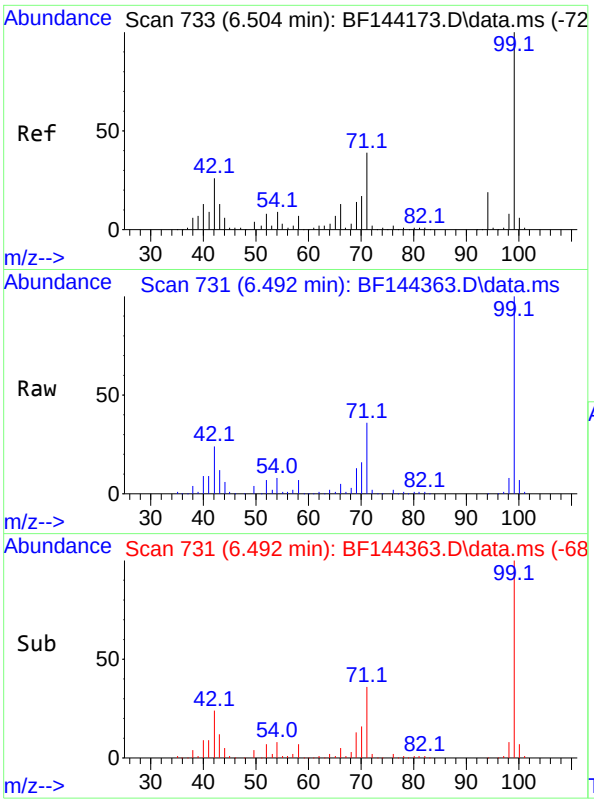



#5
2-Fluorophenol
Concen: 80.432 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:112 Resp: 287848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.5 | 47.2 | 70.8 |
| 63 | 27.8 | 24.4 | 36.6 |

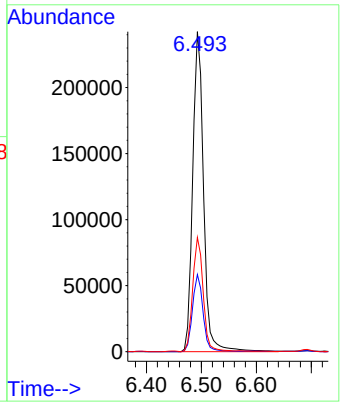





#7
Phenol-d6
Concen: 81.863 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion: 99 Resp: 33195

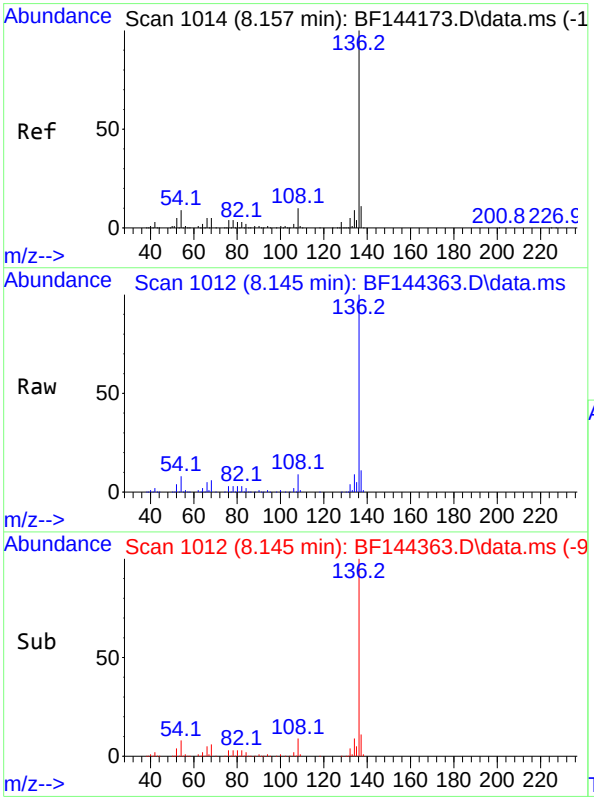
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.1 | 20.9 | 31.3 |
| 71 | 35.7 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
**APPROVED**

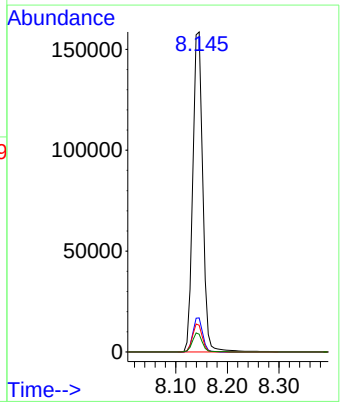
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

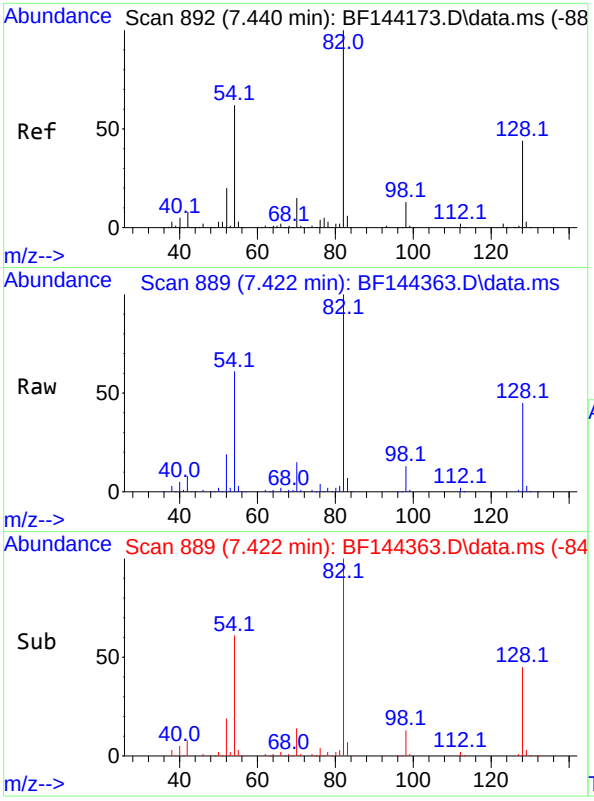



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:136 Resp: 212654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 8.3 | 7.0 | 10.6 |
| 68 | 5.6 | 4.3 | 6.5 |

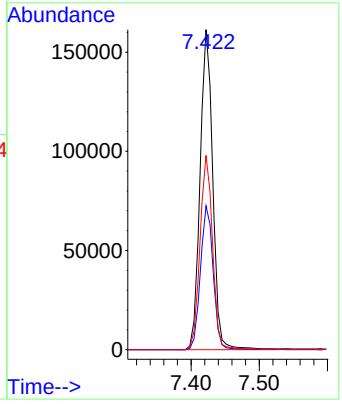





#23
Nitrobenzene-d5
Concen: 56.629 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion: 82 Resp: 20850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.0 | 34.7 | 52.1 |
| 54 | 60.7 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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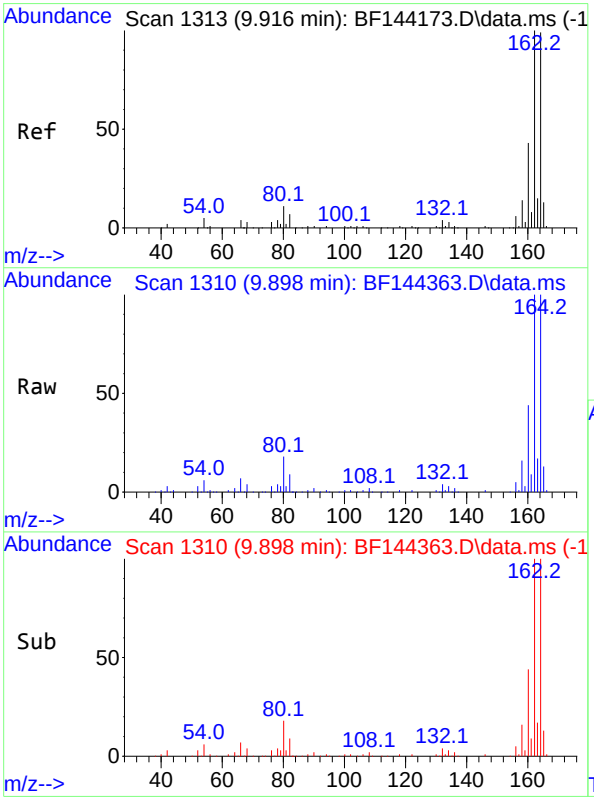
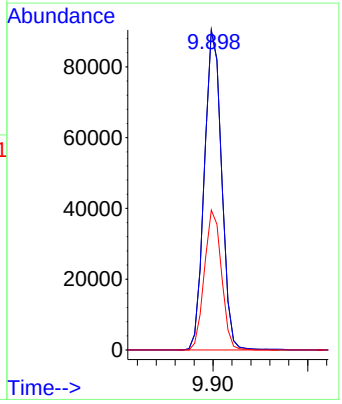
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

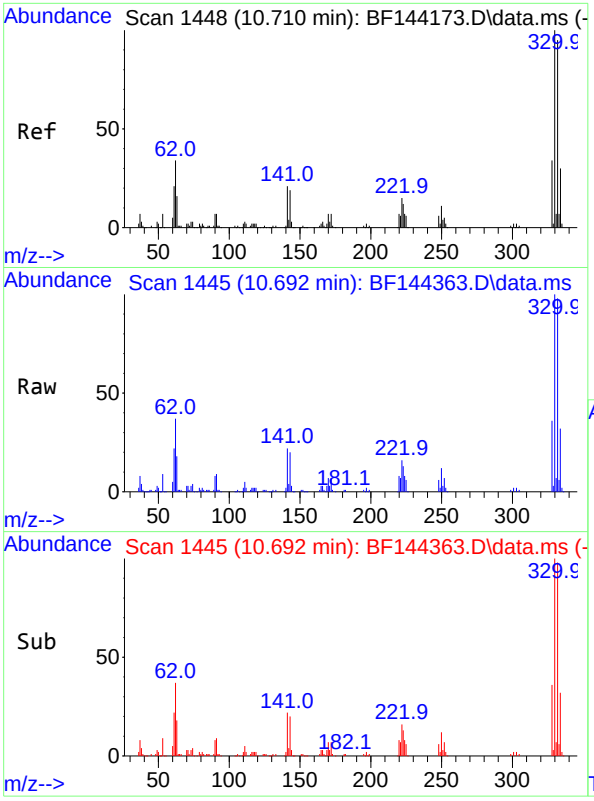



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:164 Resp: 113982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.8 | 81.1 | 121.7 |
| 160 | 43.7 | 34.5 | 51.7 |

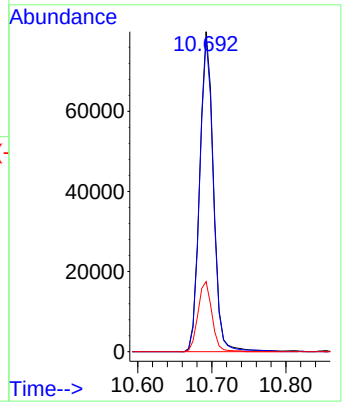





#42
2,4,6-Tribromophenol
Concen: 72.218 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:330 Resp: 10329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 76.7 | 115.1 |
| 141 | 22.1 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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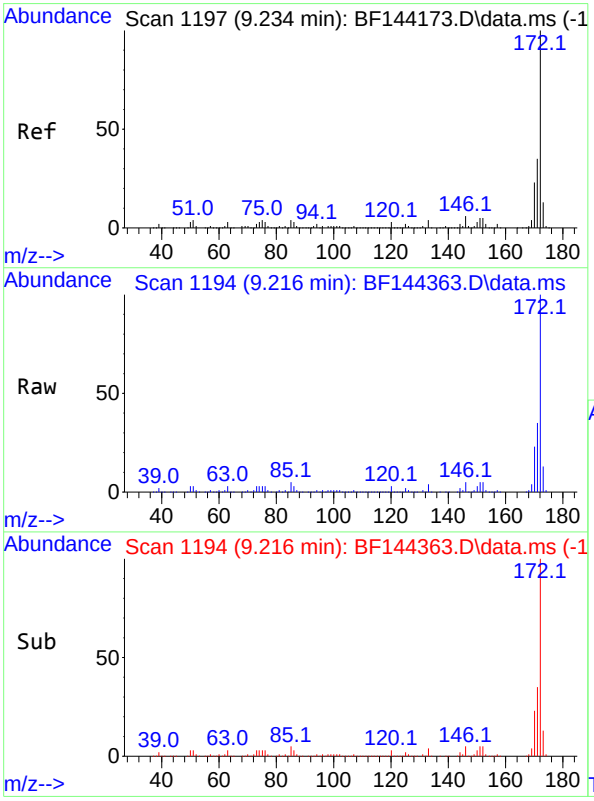
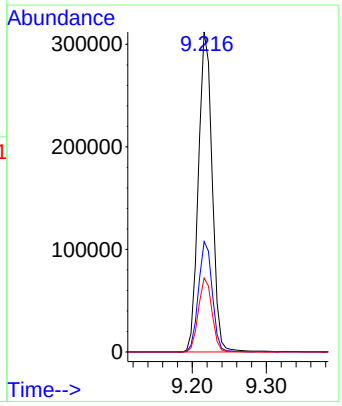
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

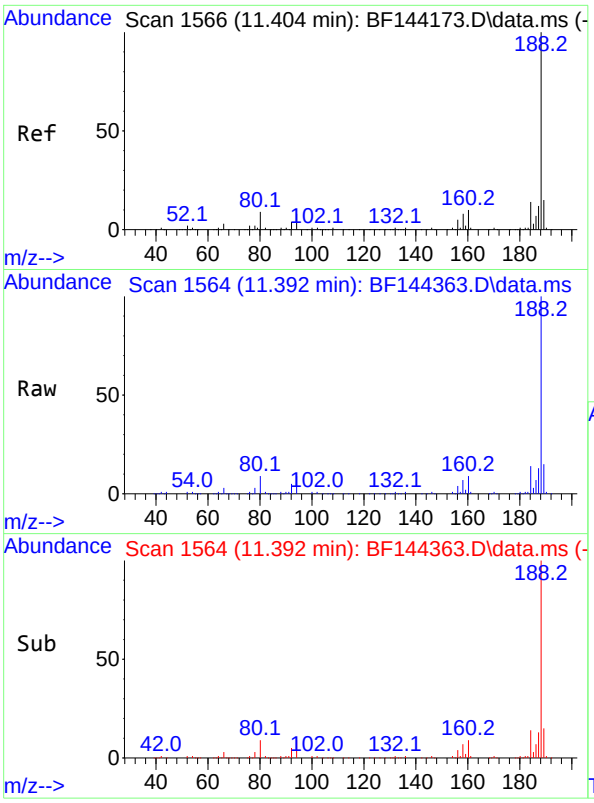



#45
2-Fluorobiphenyl
Concen: 52.091 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:172 Resp: 402012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 28.1 | 42.1 |
| 170 | 23.1 | 18.6 | 28.0 |

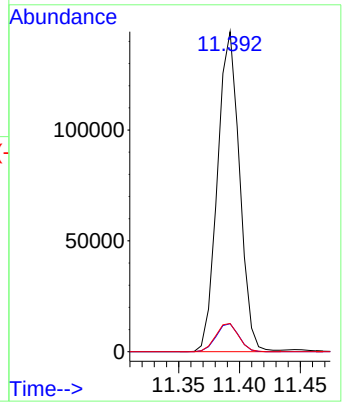





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:188 Resp: 18260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.2 | 9.2 |
| 80 | 8.8 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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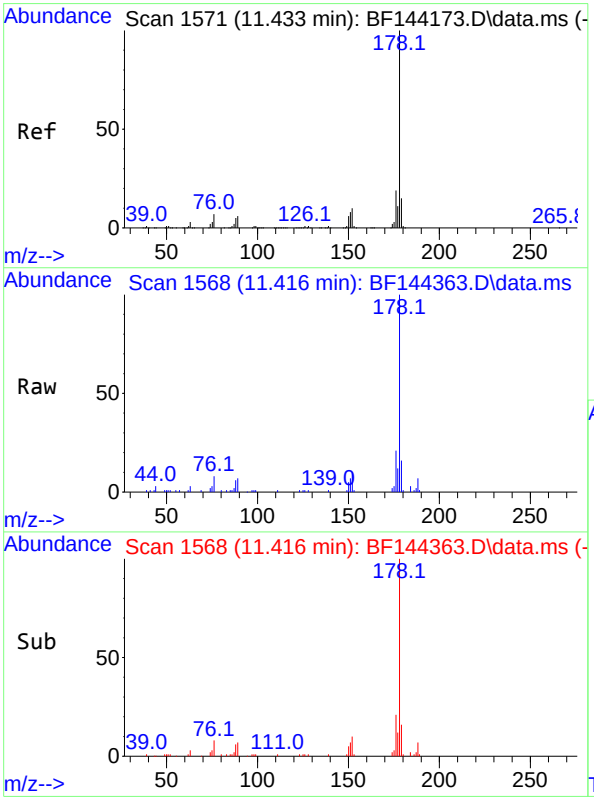
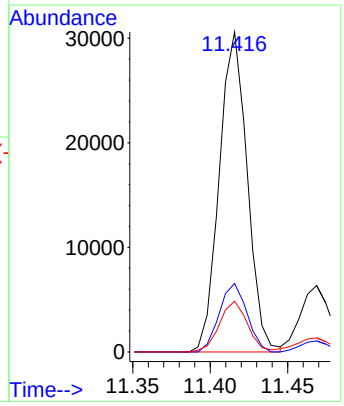
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

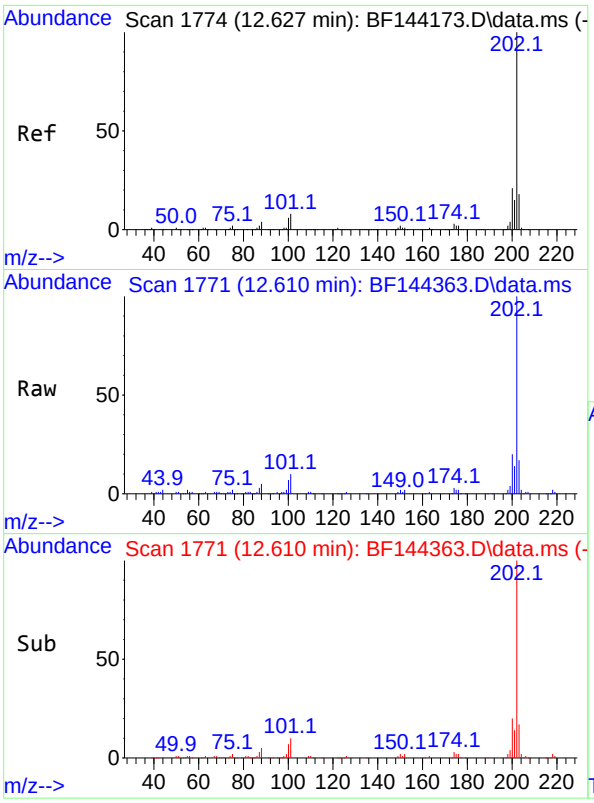



#71
Phenanthrene
Concen: 4.221 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:178 Resp: 38380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.4 | 15.5 | 23.3 |
| 179 | 15.8 | 12.2 | 18.4 |

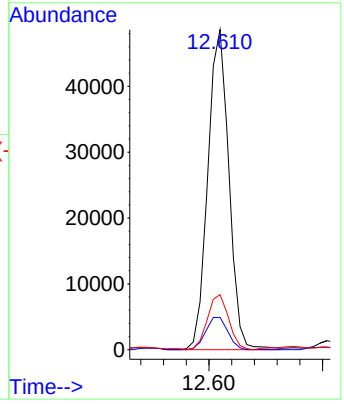





#75
Fluoranthene
Concen: 6.674 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:202 Resp: 6268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 0.0 | 27.9 |
| 203 | 17.2 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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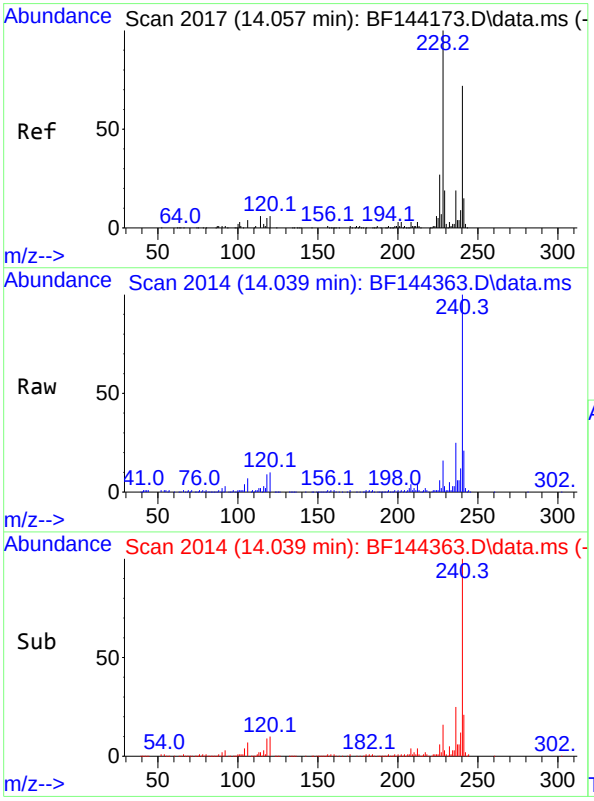
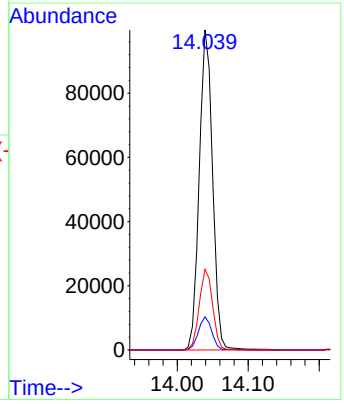
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

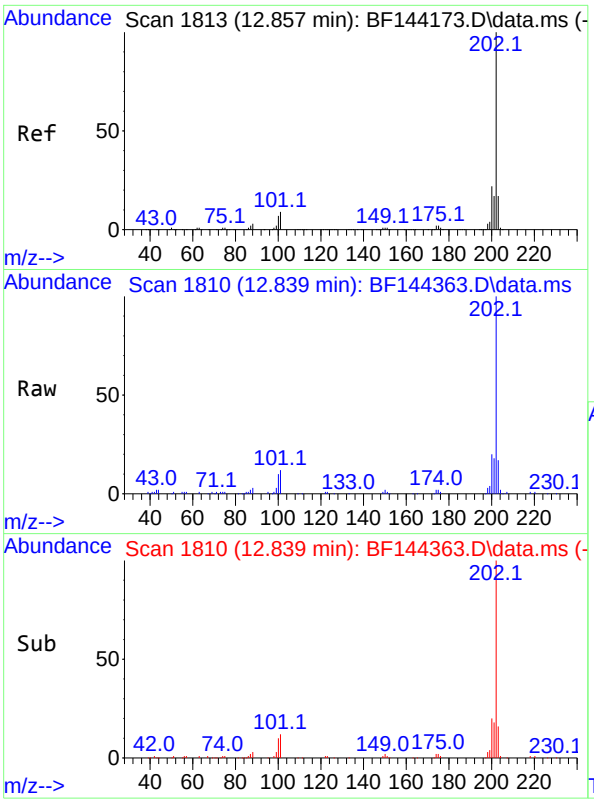



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:240 Resp: 130422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 6.6 | 10.0# |
| 236 | 25.2 | 21.4 | 32.2 |

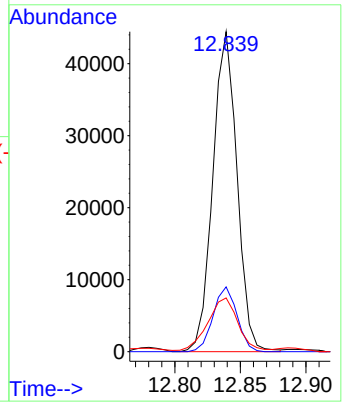





#78
Pyrene
Concen: 5.415 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:202 Resp: 5694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.2 | 17.2 | 25.8 |
| 203 | 16.8 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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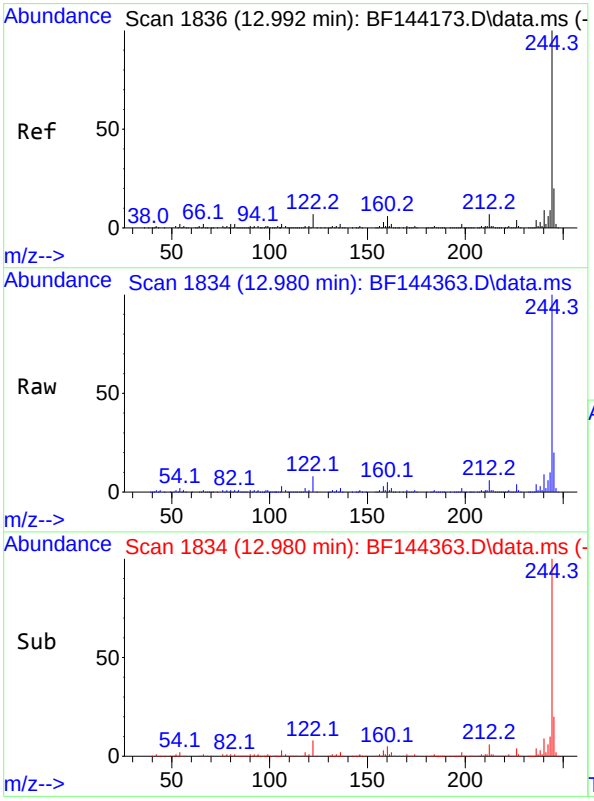
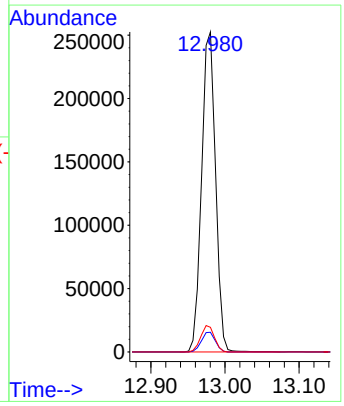
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

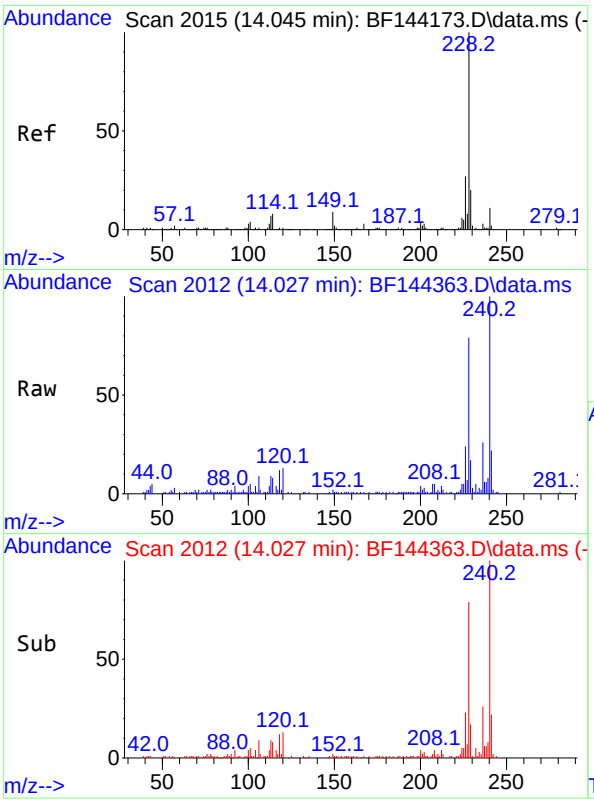



#79
Terphenyl-d14
Concen: 40.211 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:244 Resp: 330168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.3 | 7.9 |
| 122 | 7.7 | 5.6 | 8.4 |

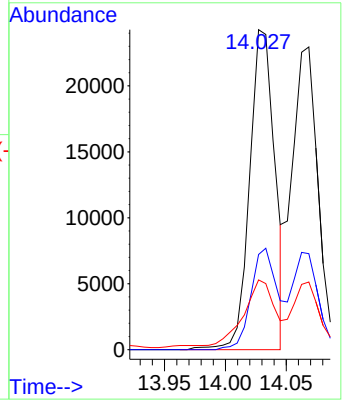





#81
Benzo(a)anthracene
Concen: 3.858 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:228 Resp: 3487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 21.8 | 32.8 |
| 229 | 21.8 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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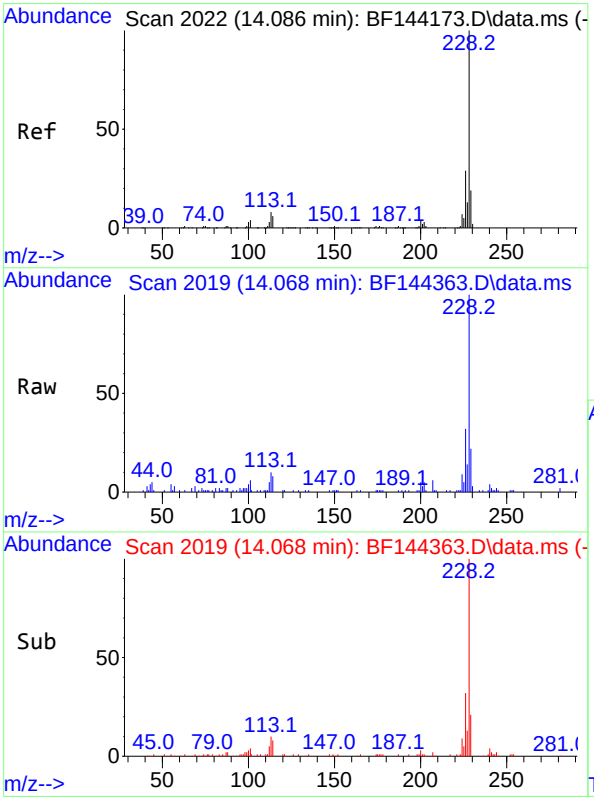
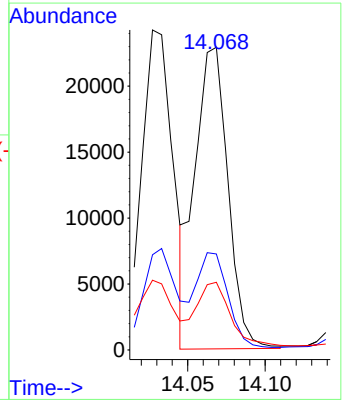
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

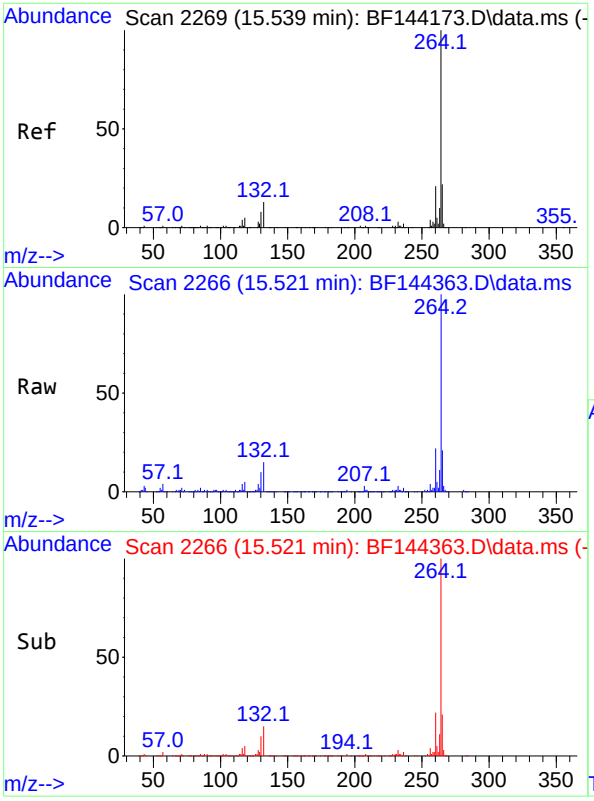



#83
Chrysene
Concen: 4.047 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:228 Resp: 33772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 22.9 | 34.3 |
| 229 | 22.4 | 15.0 | 22.6 |

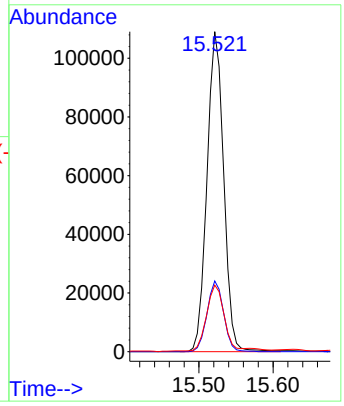





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:264 Resp: 17094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.1 | 17.1 | 25.7 |
| 265 | 20.8 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 12/02/2025
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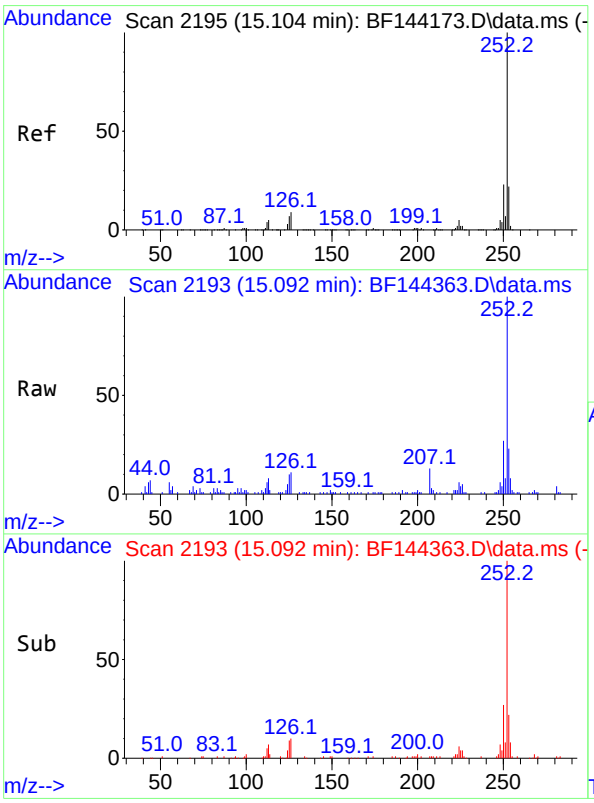
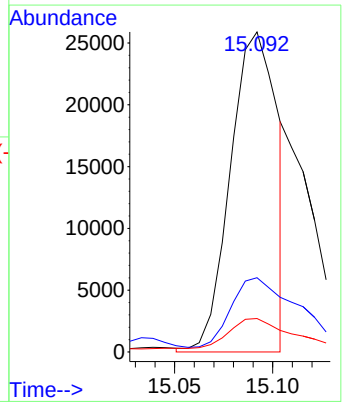
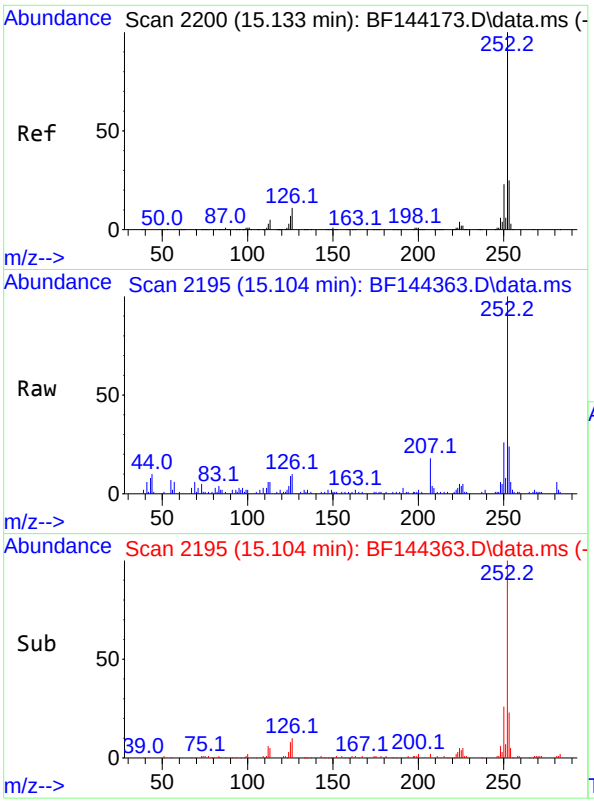



#88
Benzo(b)fluoranthene
Concen: 4.429 ng m
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:252 Resp: 43043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.4 | 26.2 |
| 125 | 10.4 | 5.3 | 7.9# |

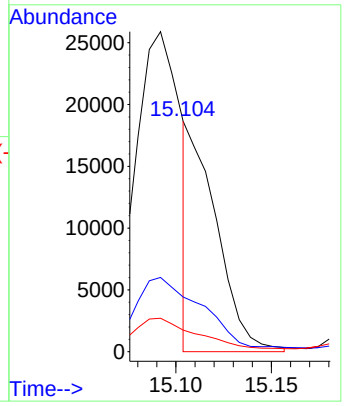





#89
Benzo(k)fluoranthene
Concen: 2.047 ng m
RT: 15.104 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:252 Resp: 1862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 18.0 | 27.0 |
| 125 | 9.4 | 5.4 | 8.2# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

**Manual Integrations**
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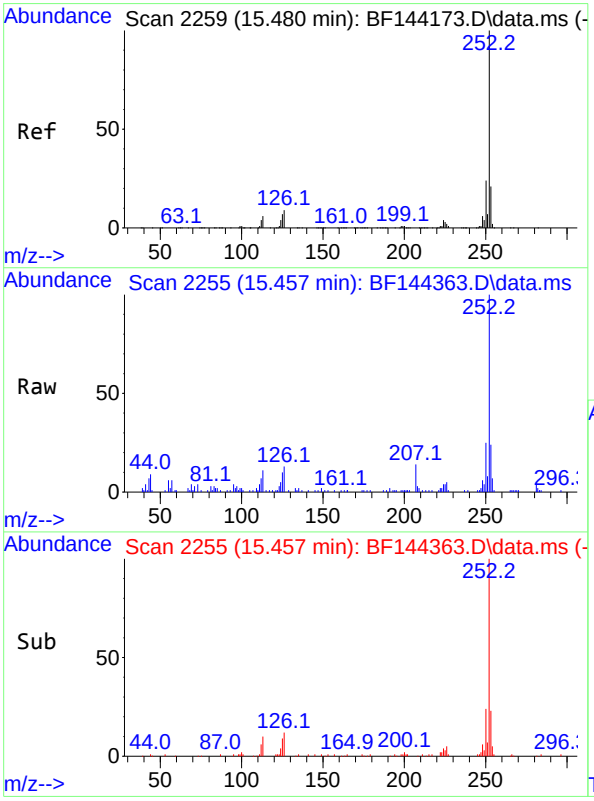
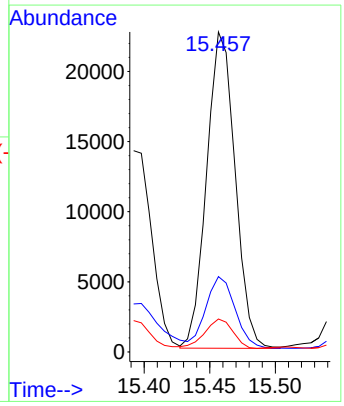
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#90
Benzo(a)pyrene
Concen: 3.803 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.018 min
Lab File: BF144363.D
Acq: 26 Nov 2025 16:11

Tgt Ion:252 Resp: 34099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 16.7 | 25.1 |
| 125 | 10.3 | 5.7 | 8.5# |



Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144363.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 503 | rVB | 222854 | 324256 | 30.52% | 3.265% |
| 2 | 5.487 | 555 | 560 | 578 | rVB | 692279 | 949074 | 89.34% | 9.556% |
| 3 | 5.769 | 604 | 608 | 613 | rBB | 11241 | 14562 | 1.37% | 0.147% |
| 4 | 6.110 | 660 | 666 | 672 | rBV4 | 7493 | 12834 | 1.21% | 0.129% |
| 5 | 6.493 | 726 | 731 | 745 | rBV | 731262 | 991376 | 93.32% | 9.982% |
| 6 | 6.692 | 760 | 765 | 772 | rVB2 | 22282 | 30163 | 2.84% | 0.304% |
| 7 | 6.863 | 788 | 794 | 800 | rBV | 247209 | 322301 | 30.34% | 3.245% |
| 8 | 7.422 | 878 | 889 | 899 | rBV | 501413 | 670621 | 63.13% | 6.752% |
| 9 | 7.663 | 926 | 930 | 940 | rVB6 | 5446 | 14378 | 1.35% | 0.145% |
| 10 | 8.139 | 1002 | 1011 | 1019 | rBV | 312022 | 439447 | 41.37% | 4.425% |
| 11 | 9.216 | 1189 | 1194 | 1203 | rBV | 839451 | 1062346 | 100.00% | 10.696% |
| 12 | 9.898 | 1305 | 1310 | 1315 | rBV | 366511 | 459943 | 43.30% | 4.631% |
| 13 | 10.616 | 1426 | 1432 | 1440 | rBV | 91800 | 121469 | 11.43% | 1.223% |
| 14 | 10.692 | 1440 | 1445 | 1455 | rVV | 521258 | 672694 | 63.32% | 6.773% |
| 15 | 11.392 | 1559 | 1564 | 1572 | rBV2 | 335495 | 508783 | 47.89% | 5.123% |
| 16 | 11.469 | 1572 | 1577 | 1580 | rBV | 10569 | 12582 | 1.18% | 0.127% |
| 17 | 11.633 | 1597 | 1605 | 1610 | rBV2 | 5516 | 11007 | 1.04% | 0.111% |
| 18 | 11.839 | 1636 | 1640 | 1645 | rBV3 | 30541 | 56222 | 5.29% | 0.566% |
| 19 | 11.916 | 1647 | 1653 | 1661 | rVV3 | 155351 | 263351 | 24.79% | 2.652% |
| 20 | 12.010 | 1665 | 1669 | 1678 | rVB3 | 21117 | 43677 | 4.11% | 0.440% |
| 21 | 12.610 | 1766 | 1771 | 1775 | rBV | 109831 | 146197 | 13.76% | 1.472% |
| 22 | 12.698 | 1782 | 1786 | 1794 | rBV2 | 21990 | 35212 | 3.31% | 0.355% |
| 23 | 12.839 | 1803 | 1810 | 1816 | rBV | 94619 | 137031 | 12.90% | 1.380% |
| 24 | 12.980 | 1828 | 1834 | 1842 | rVB | 609352 | 814206 | 76.64% | 8.198% |
| 25 | 13.057 | 1842 | 1847 | 1853 | rBV4 | 10075 | 17429 | 1.64% | 0.175% |
| 26 | 13.116 | 1853 | 1857 | 1860 | rBV | 14354 | 20196 | 1.90% | 0.203% |
| 27 | 13.169 | 1860 | 1866 | 1874 | rVV2 | 15173 | 31296 | 2.95% | 0.315% |
| 28 | 13.233 | 1874 | 1877 | 1880 | rVV | 8036 | 10972 | 1.03% | 0.110% |
| 29 | 13.269 | 1880 | 1883 | 1890 | rVB3 | 13600 | 19672 | 1.85% | 0.198% |
| 30 | 13.363 | 1896 | 1899 | 1902 | rBV2 | 9441 | 12524 | 1.18% | 0.126% |
| 31 | 13.451 | 1911 | 1914 | 1918 | rVB2 | 10702 | 12326 | 1.16% | 0.124% |
| 32 | 13.680 | 1946 | 1953 | 1958 | rBV | 13178 | 27369 | 2.58% | 0.276% |
| 33 | 13.792 | 1968 | 1972 | 1974 | rBV | 10056 | 14041 | 1.32% | 0.141% |
| 34 | 13.874 | 1982 | 1986 | 1995 | rVB4 | 52416 | 99338 | 9.35% | 1.000% |
| 35 | 14.039 | 2006 | 2014 | 2026 | rBV2 | 307332 | 550067 | 51.78% | 5.538% |
| 36 | 14.192 | 2037 | 2040 | 2046 | rBV6 | 8550 | 16627 | 1.57% | 0.167% |

Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.427 | 2077 | 2080 | 2084 | rBV | 13505 | 15712 | 1.48% | 0.158% |
| 38 | 14.521 | 2090 | 2096 | 2099 | rBV6 | 17256 | 36043 | 3.39% | 0.363% |
| 39 | 14.880 | 2153 | 2157 | 2161 | rVB | 32384 | 43595 | 4.10% | 0.439% |
| 40 | 15.092 | 2188 | 2193 | 2200 | rBV | 63902 | 139681 | 13.15% | 1.406% |
| 41 | 15.392 | 2240 | 2244 | 2251 | rVB | 36271 | 59098 | 5.56% | 0.595% |
| 42 | 15.457 | 2251 | 2255 | 2260 | rVV | 55570 | 87055 | 8.19% | 0.877% |
| 43 | 15.521 | 2260 | 2266 | 2281 | rVB | 280565 | 484933 | 45.65% | 4.883% |
| 44 | 15.968 | 2338 | 2342 | 2347 | rVB2 | 23624 | 40277 | 3.79% | 0.406% |
| 45 | 16.480 | 2425 | 2429 | 2435 | rVB | 17509 | 32863 | 3.09% | 0.331% |
| 46 | 17.021 | 2516 | 2521 | 2527 | rBV2 | 24857 | 47006 | 4.42% | 0.473% |

Sum of corrected areas: 9931852

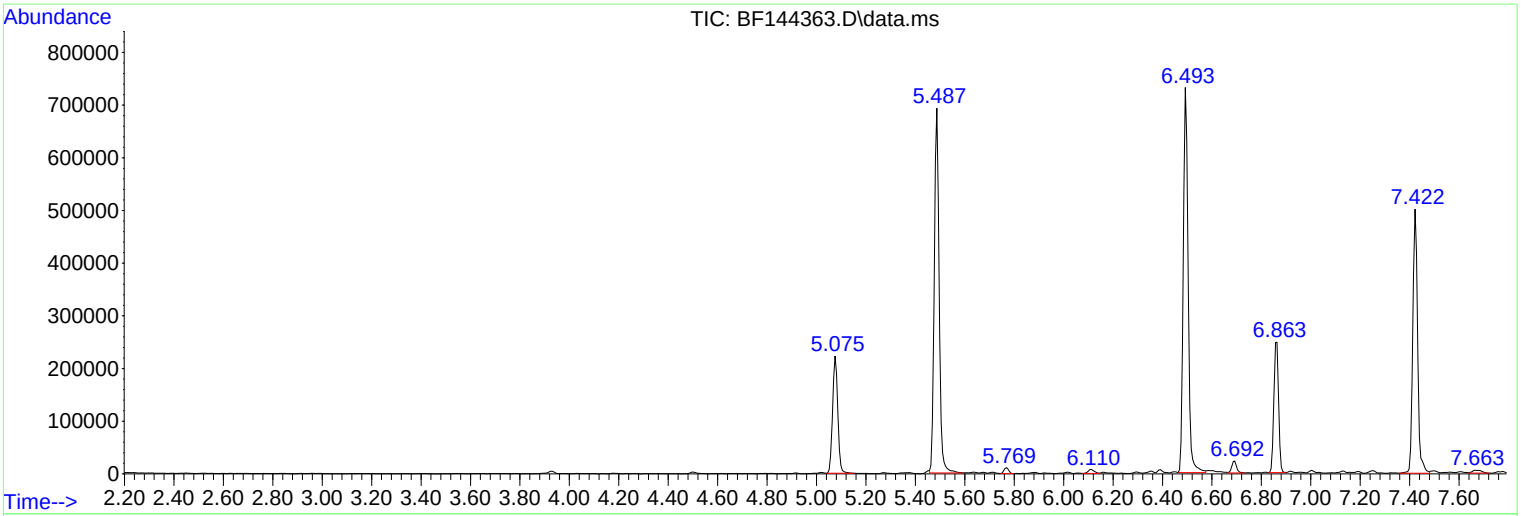
Sample Results: **BF144363.D**

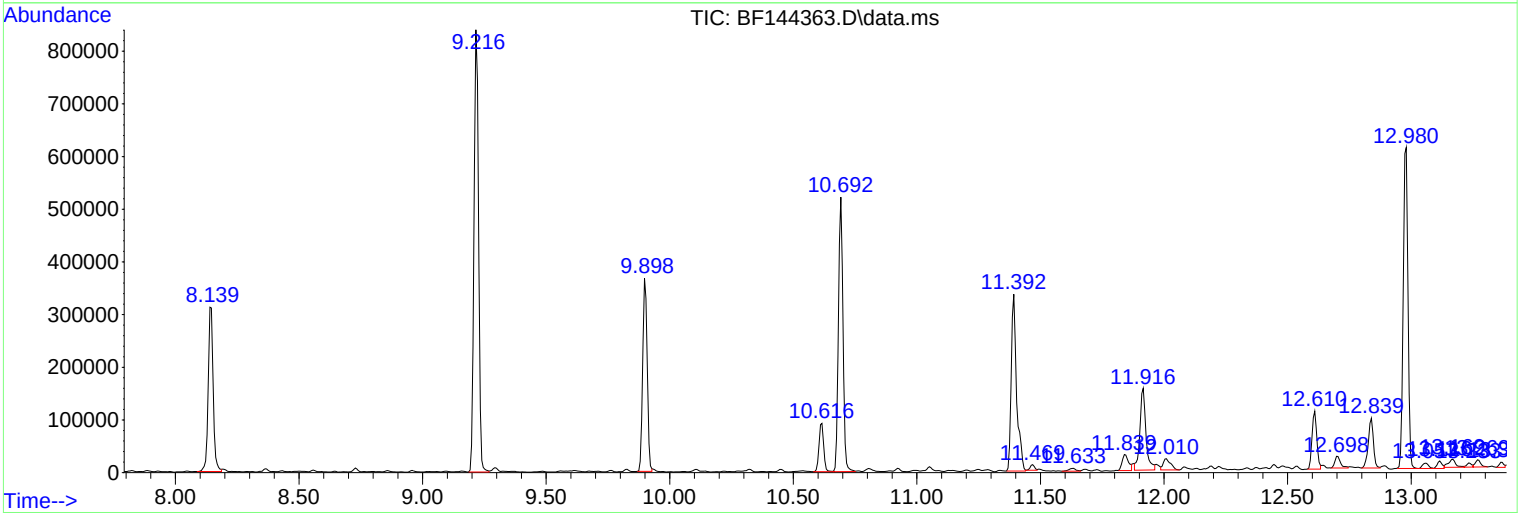
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

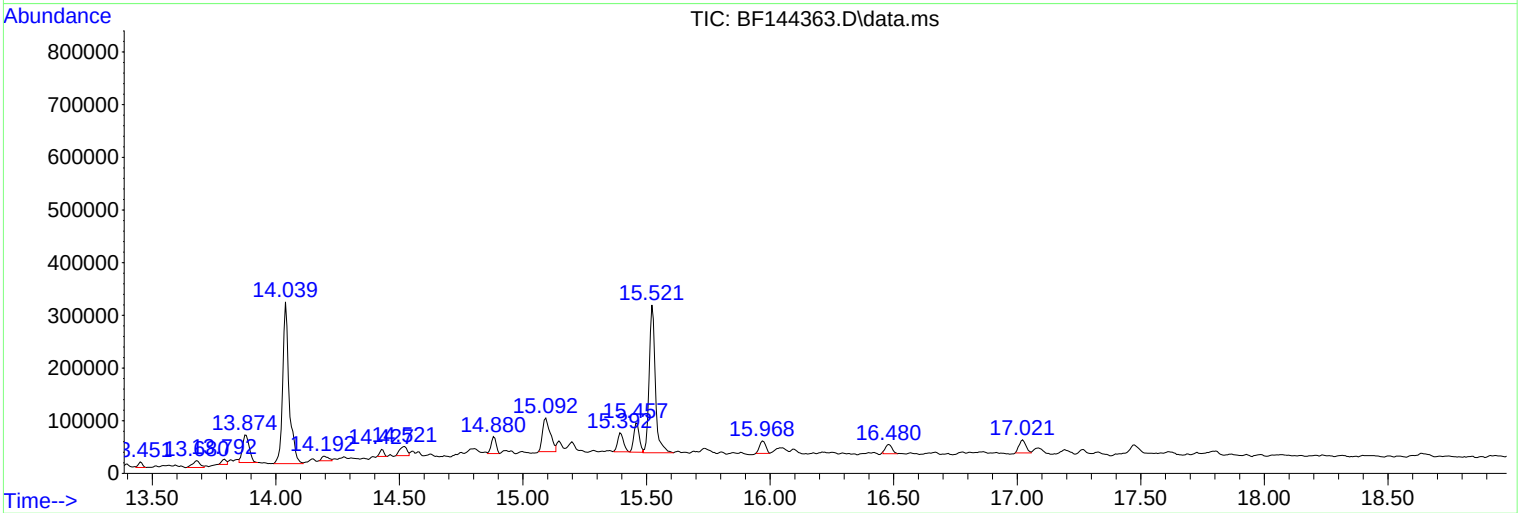
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

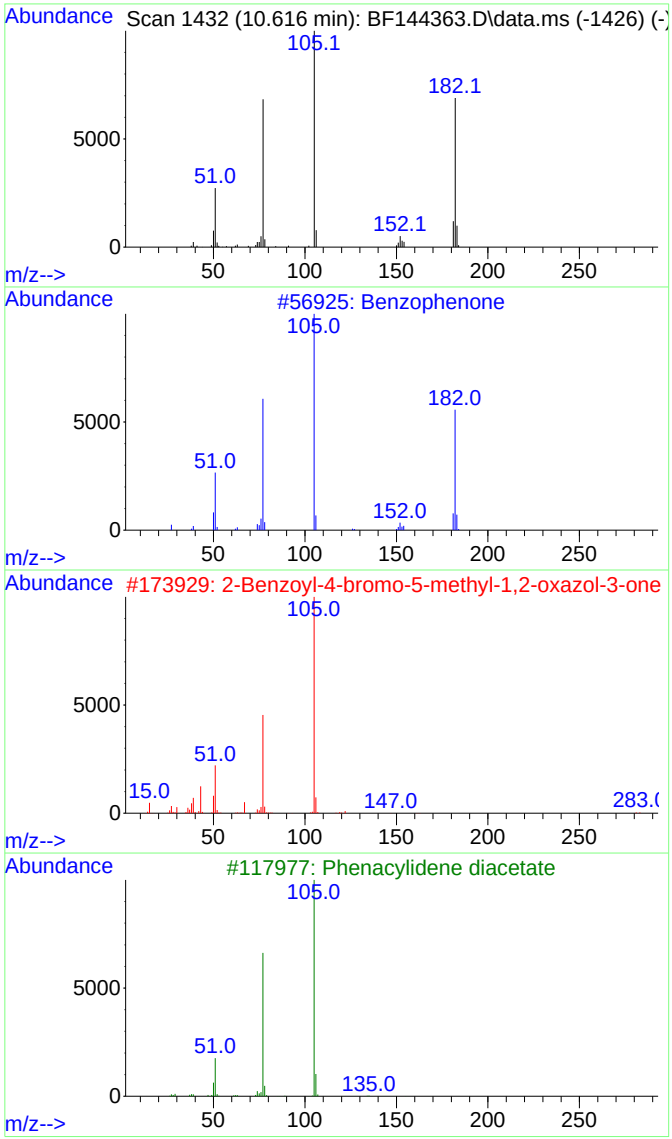
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

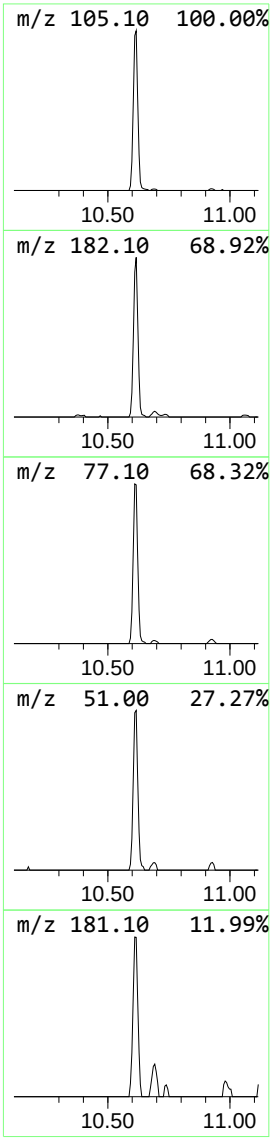
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 5.28 ng | 121469 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 43 |
| 3 | Phenacylidene diacetate | 236 | C12H12O5 | 005062-30-6 | 43 |
| 4 | Pentafluoroethyl phenyl ketone | 224 | C9H5F5O | 000394-52-5 | 43 |
| 5 | N-Methoxy-N-methylbenzamide | 165 | C9H11NO2 | 006919-61-5 | 43 |



Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

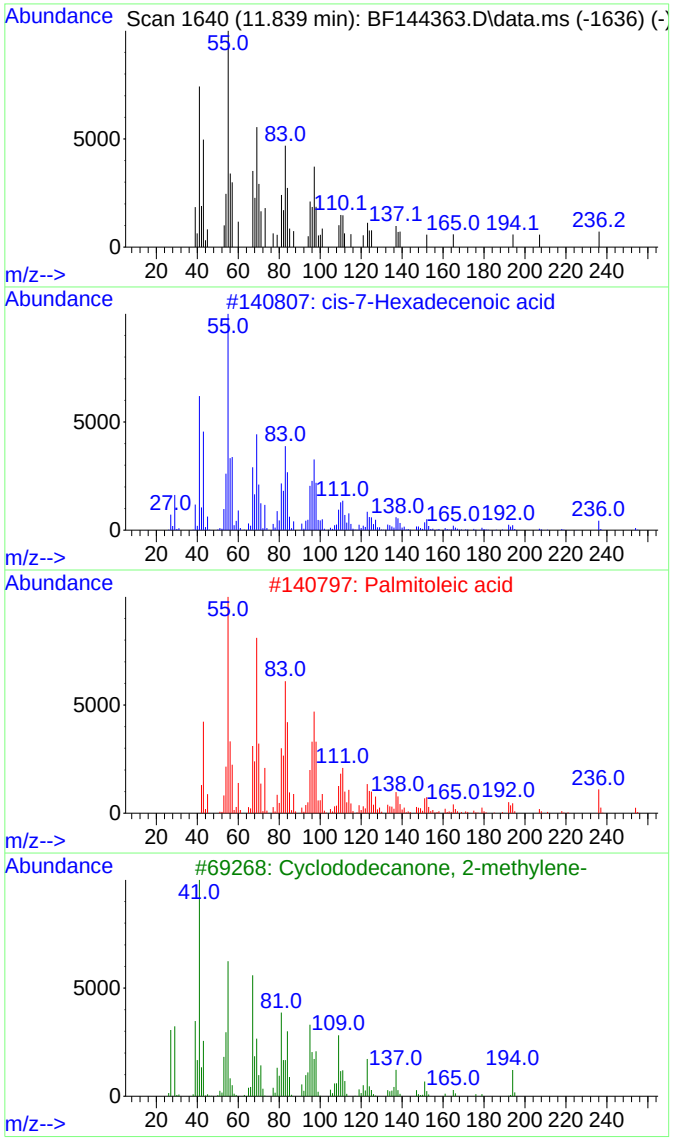
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

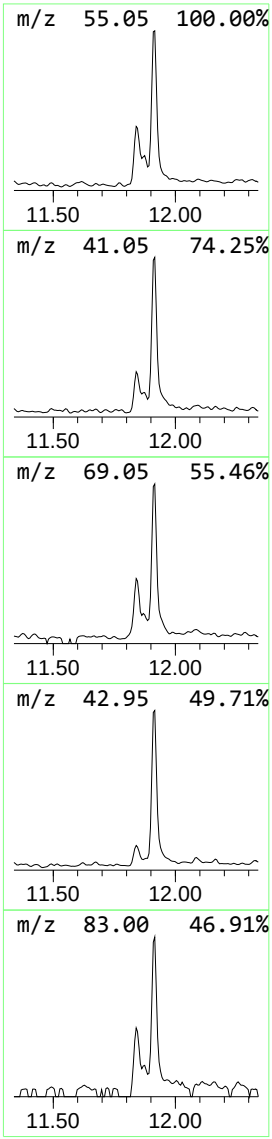
**********

Peak Number 3 cis-7-Hexadecenoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.839 | 2.21 ng | 56222 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-7-Hexadecenoic acid | 254 | C16H30O2 | 002416-19-5 | 87 |
| 2 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 83 |
| 3 | Cyclododecanone, 2-methylene- | 194 | C13H22O | 003045-76-9 | 78 |
| 4 | (E)-Hexadec-9-enoic acid | 254 | C16H30O2 | 010030-73-6 | 74 |
| 5 | Myristoleic acid | 226 | C14H26O2 | 000544-64-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

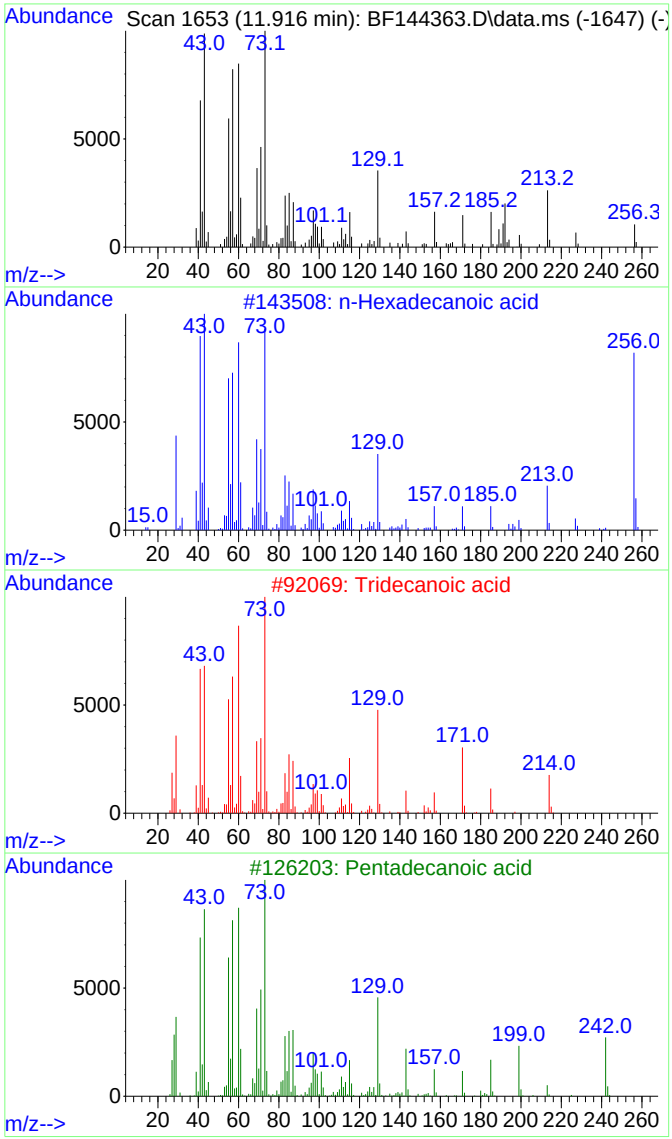
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

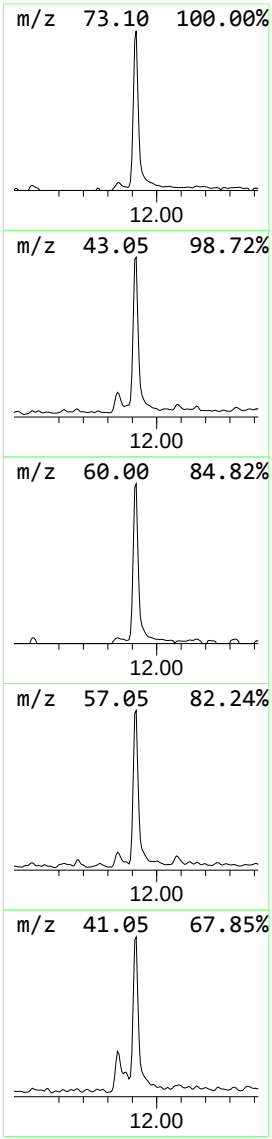
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 10.35 ng | 263351 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 52 |
| 5 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 43 |



Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

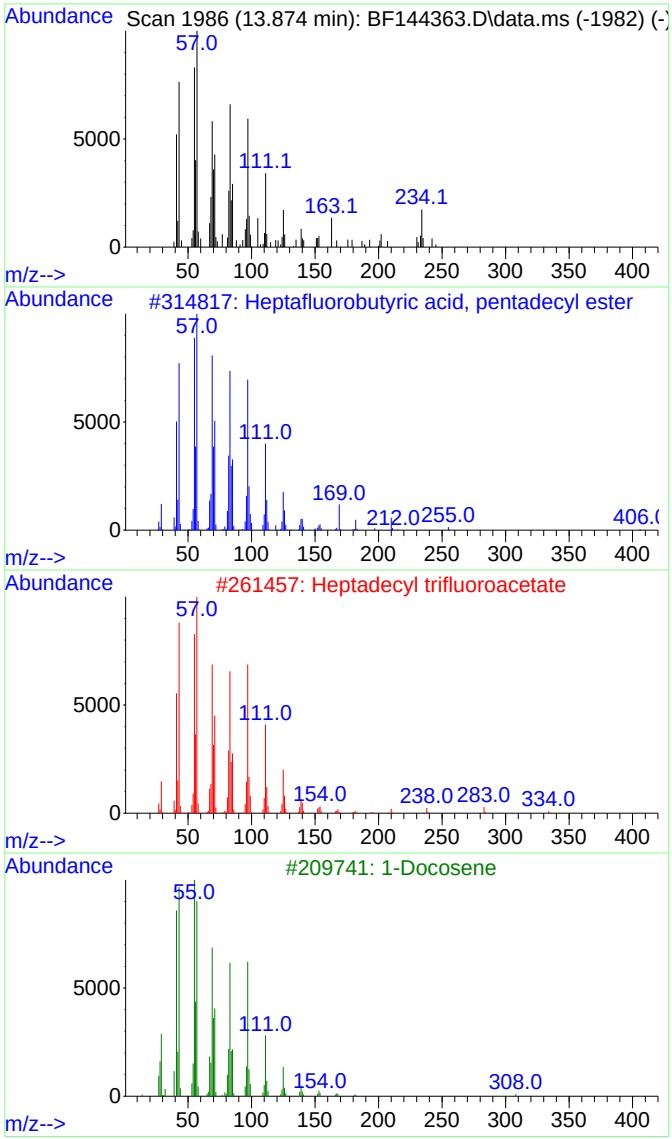
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

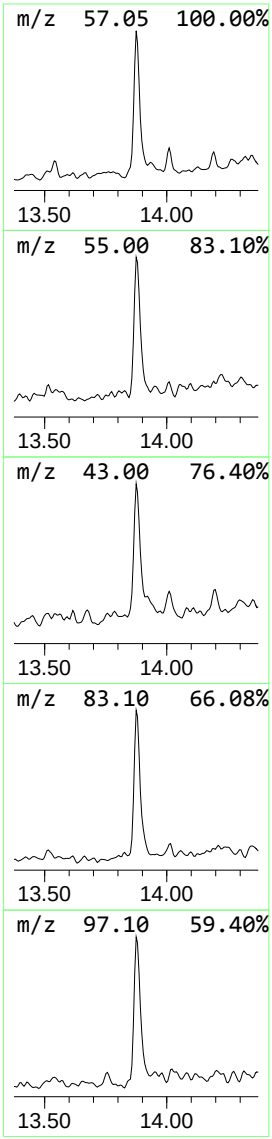
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 3.61 ng | 99338 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 93 |
| 2 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1010351-87-0 | 93 |
| 3 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 93 |
| 4 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |
| 5 | Octadecyl trifluoroacetate | 366 | C20H37F3O2 | 079392-43-1 | 90 |



Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

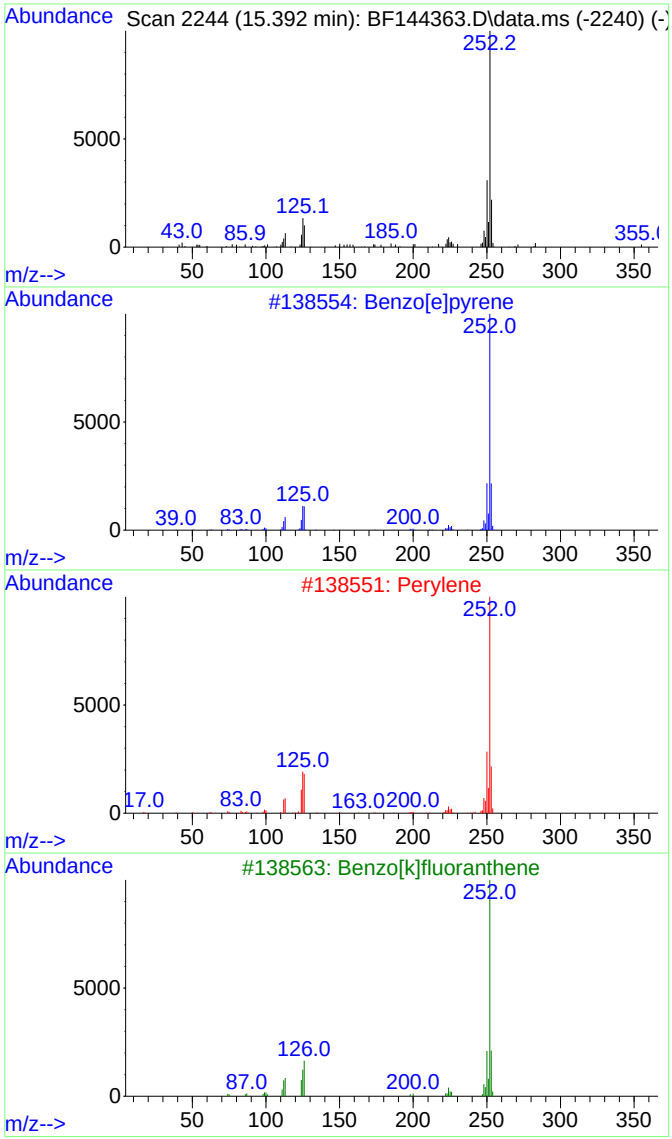
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

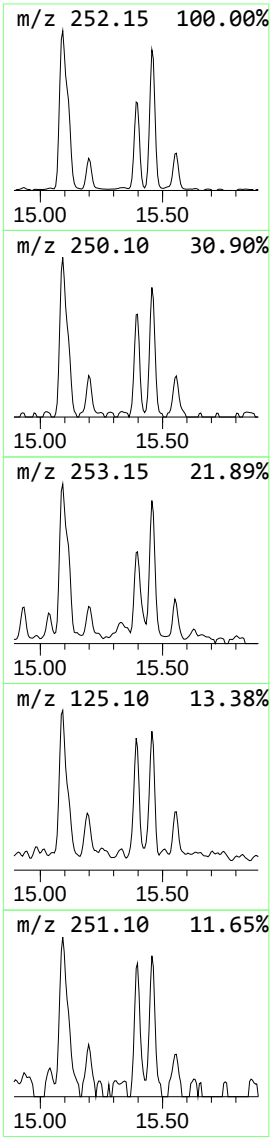
**********

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.392 | 2.44 ng | 59098 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 97 |
| 2 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 4 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 90 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |



Sample Results: **BF144363.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 5.3 | ng | 121469 | 3 | 9.898 | 459943 | 20.0 |
| cis-7-Hexadecen... | 11.839 | 2.2 | ng | 56222 | 4 | 11.392 | 508783 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 10.4 | ng | 263351 | 4 | 11.392 | 508783 | 20.0 |
| Heptafluorobuty... | 13.874 | 3.6 | ng | 99338 | 5 | 14.039 | 550067 | 20.0 |
| Benzo[e]pyrene | 15.392 | 2.4 | ng | 59098 | 6 | 15.521 | 484933 | 20.0 |

Raw Data: **BF144364.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-10B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-02 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 86.5 |
| Sample Wt/Vol: | 30.02 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 180 | U | 1 | 180 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 108-95-2 | Phenol | 25.5 | U | 1 | 25.5 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 28.1 | U | 1 | 28.1 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 28.2 | U | 1 | 28.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 95-48-7 | 2-Methylphenol | 34.5 | U | 1 | 34.5 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 43.3 | U | 1 | 43.3 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 98-86-2 | Acetophenone | 34.1 | U | 1 | 34.1 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 47.5 | U | 1 | 47.5 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 54.8 | U | 1 | 54.8 | 92.4 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 67-72-1 | Hexachloroethane | 20.3 | U | 1 | 20.3 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 98-95-3 | Nitrobenzene | 21.1 | U | 1 | 21.1 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 78-59-1 | Isophorone | 37.9 | U | 1 | 37.9 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 67.2 | U | 1 | 67.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 74.9 | U | 1 | 74.9 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 35.6 | U | 1 | 35.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 32.7 | U | 1 | 32.7 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 91-20-3 | Naphthalene | 26.2 | U | 1 | 26.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 40.9 | U | 1 | 40.9 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 29.2 | U | 1 | 29.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 105-60-2 | Caprolactam | 60.2 | U | 1 | 60.2 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 33.2 | U | 1 | 33.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 29.6 | U | 1 | 29.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.9 | U | 1 | 22.9 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 33.6 | U | 1 | 33.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 25.2 | U | 1 | 25.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 26.0 | U | 1 | 26.0 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 55.6 | U | 1 | 55.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 131-11-3 | Dimethylphthalate | 31.3 | U | 1 | 31.3 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 208-96-8 | Acenaphthylene | 33.4 | U | 1 | 33.4 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 38.8 | U | 1 | 38.8 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 53.1 | U | 1 | 53.1 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 83-32-9 | Acenaphthene | 24.6 | U | 1 | 24.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 132-64-9 | Dibenzofuran | 26.2 | U | 1 | 26.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 57.9 | U | 1 | 57.9 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 84-66-2 | Diethylphthalate | 32.7 | U | 1 | 32.7 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30.8 | U | 1 | 30.8 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 86-73-7 | Fluorene | 29.2 | U | 1 | 29.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 74.2 | U | 1 | 74.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |

Raw Data: **BF144364.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-10B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-02 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 86.5 |
| Sample Wt/Vol: | 30.02 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 38.0 | U | 1 | 38.0 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 32.1 | U | 1 | 32.1 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 29.2 | U | 1 | 29.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 1912-24-9 | Atrazine | 39.3 | U | 1 | 39.3 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 87-86-5 | Pentachlorophenol | 59.3 | U | 1 | 59.3 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 85-01-8 | Phenanthrene | 24.1 | U | 1 | 24.1 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 120-12-7 | Anthracene | 38.5 | U | 1 | 38.5 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 86-74-8 | Carbazole | 36.0 | U | 1 | 36.0 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 55.3 | U | 1 | 55.3 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 206-44-0 | Fluoranthene | 120 | J | 1 | 34.7 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 129-00-0 | Pyrene | 98.8 | J | 1 | 41.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 82.5 | U | 1 | 82.5 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 42.4 | U | 1 | 42.4 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 91.5 | J | 1 | 26.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 218-01-9 | Chrysene | 79.3 | J | 1 | 23.0 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 68.4 | U | 1 | 68.4 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 100 | U | 1 | 100 | 380 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 93.5 | J | 1 | 22.0 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 25.9 | U | 1 | 25.9 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 85.0 | J | 1 | 34.1 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 33.6 | U | 1 | 33.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 31.7 | U | 1 | 31.7 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 29.7 | U | 1 | 29.7 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 29.6 | U | 1 | 29.6 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 52.2 | U | 1 | 52.2 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 31.7 | U | 1 | 31.7 | 200 | ug/Kg | 11/26/25 16:42 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 70.5 | | | 10 - 105 | 47% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 72.9 | | | 10 - 103 | 49% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 48.7 | | | 10 - 108 | 49% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 42.5 | | | 10 - 108 | 43% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 57.5 | | | 10 - 116 | 38% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 30.6 | | | 10 - 109 | 31% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 63000 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 239000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 130000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 197000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 149000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 195000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 160 | J | | | 10.6 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 290 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144364.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-10B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-02 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 86.5 |
| Sample Wt/Vol: | 30.02 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 018835-32-0 | 1-Tricosene | 140 | 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

Sample Results: **BF144364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 26 17:04:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 62995 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.140 | 136 | 238733 | 20.000 | ng | #-0.02 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 129698 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 196600 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 148954 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 194636 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 283654 | 70.463 | ng | 0.00 |
| 7) Phenol-d6 | 6.493 | 99 | 332328 | 72.858 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 201440 | 48.733 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 93567 | 57.489 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 373494 | 42.532 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 287415 | 30.649 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 75) Fluoranthene | 12.610 | 202 | 30550 | 3.021 | ng | 95 |
| 78) Pyrene | 12.839 | 202 | 30810 | 2.565 | ng | 98 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 24537 | 2.377 | ng | 94 |
| 83) Chrysene | 14.069 | 228 | 19609 | 2.058 | ng | 92 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 26860m | 2.427 | ng | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 22518 | 2.206 | ng | # 96 |

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

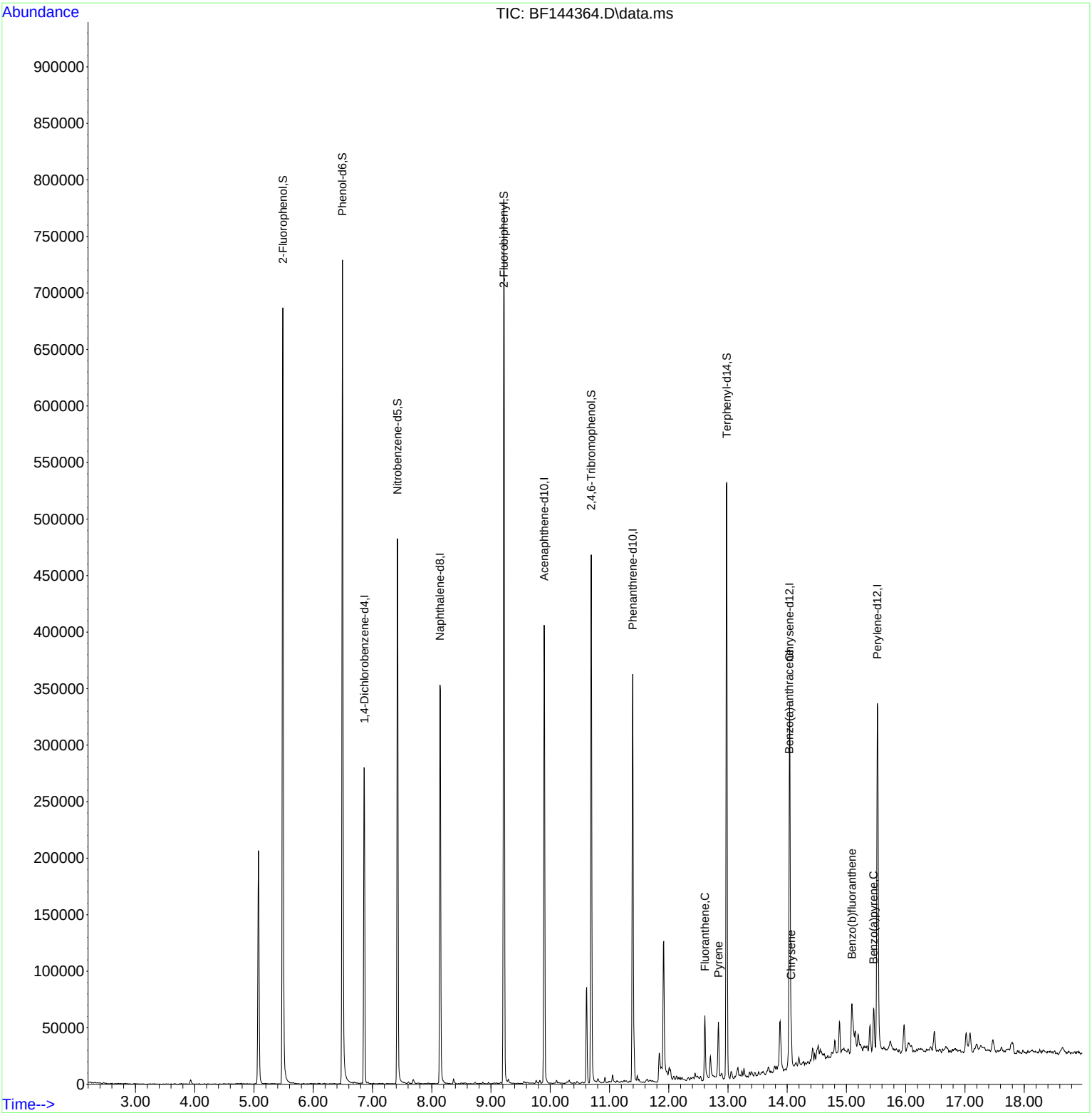
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

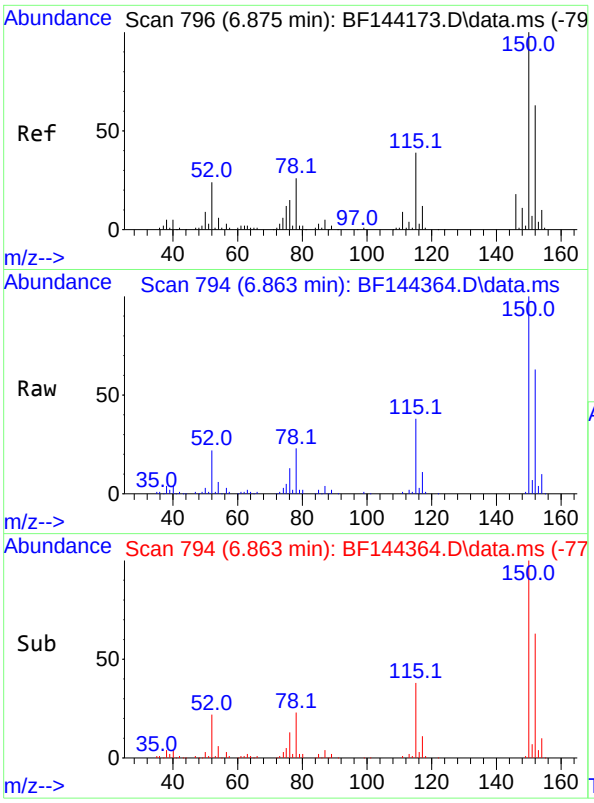
Quant Time: Nov 26 17:04:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

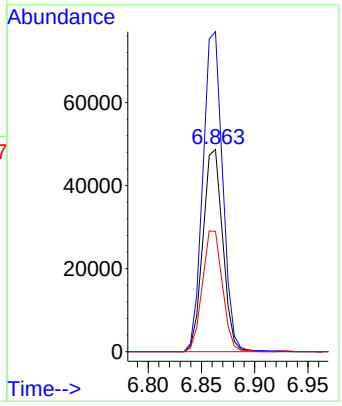





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:152 Resp: 6299

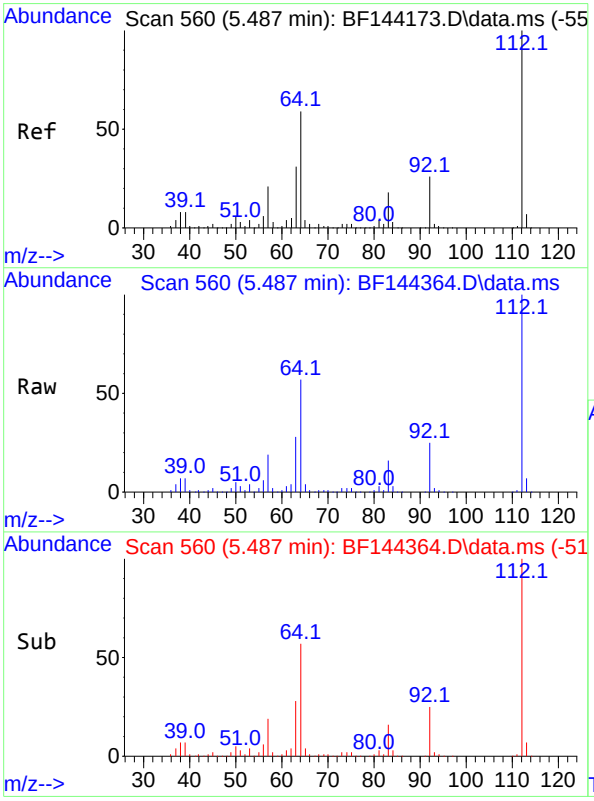
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.2 | 127.4 | 191.0 |
| 115 | 59.5 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

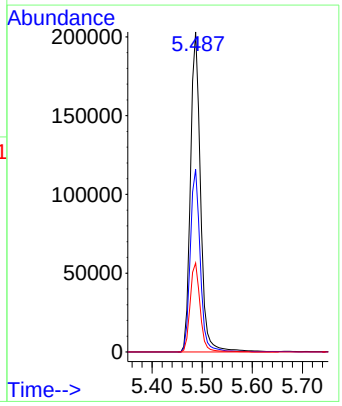
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

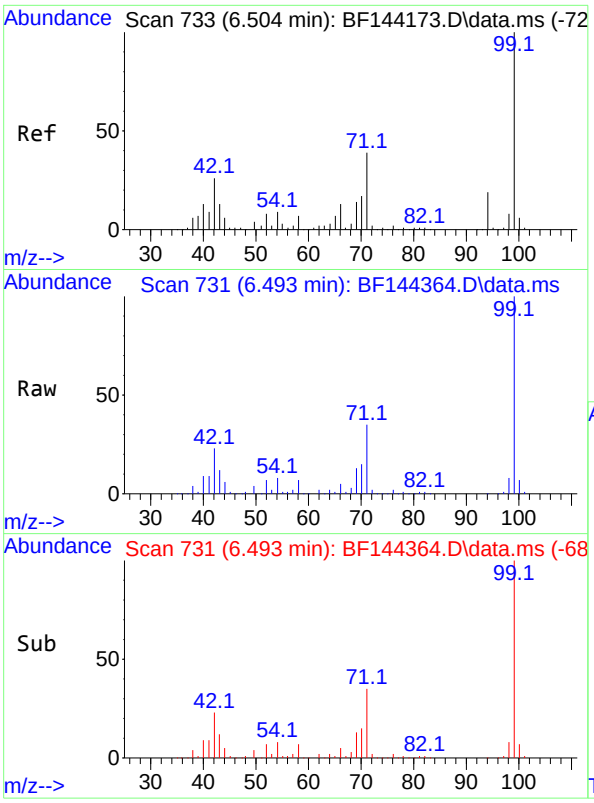



#5
2-Fluorophenol
Concen: 70.463 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:112 Resp: 283654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.0 | 47.2 | 70.8 |
| 63 | 27.8 | 24.4 | 36.6 |

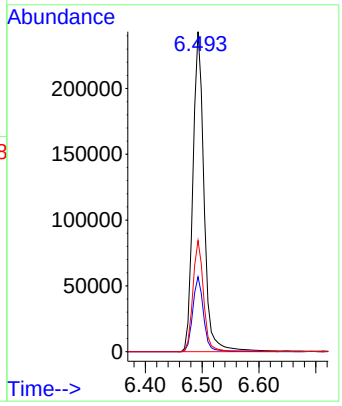





#7
Phenol-d6
Concen: 72.858 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion: 99 Resp: 33232

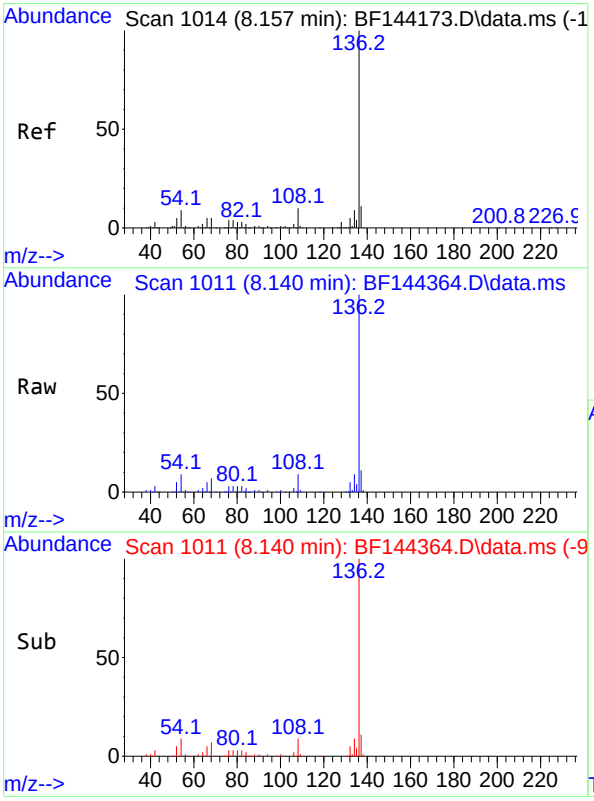
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.4 | 20.9 | 31.3 |
| 71 | 34.8 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

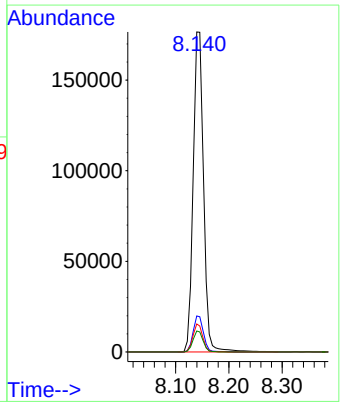
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

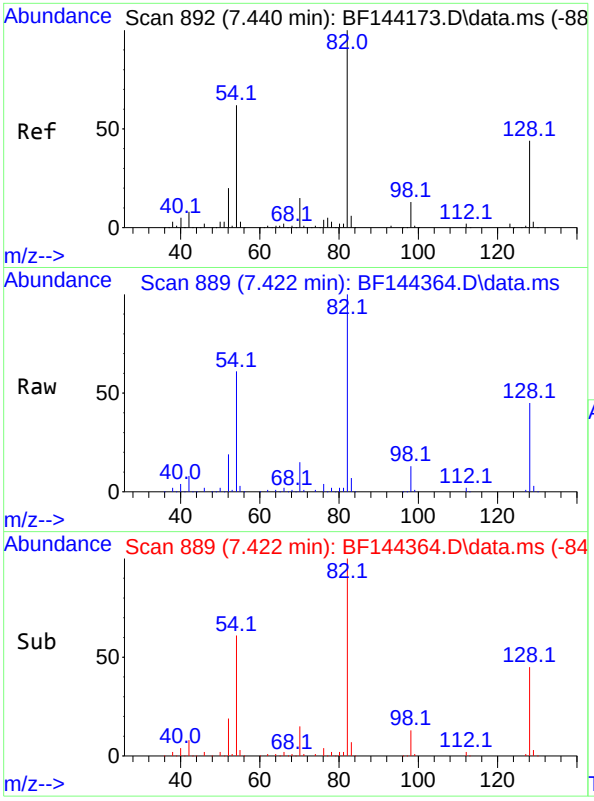



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:136 Resp: 238733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.6 | 13.0 |
| 54 | 8.7 | 7.0 | 10.6 |
| 68 | 6.6 | 4.3 | 6.5# |

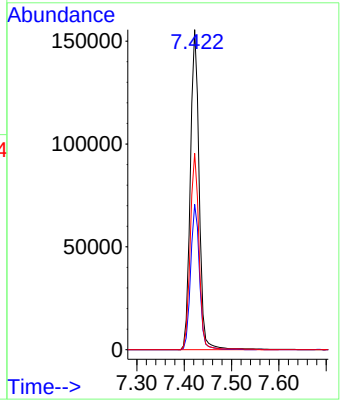





#23
Nitrobenzene-d5
Concen: 48.733 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion: 82 Resp: 20144

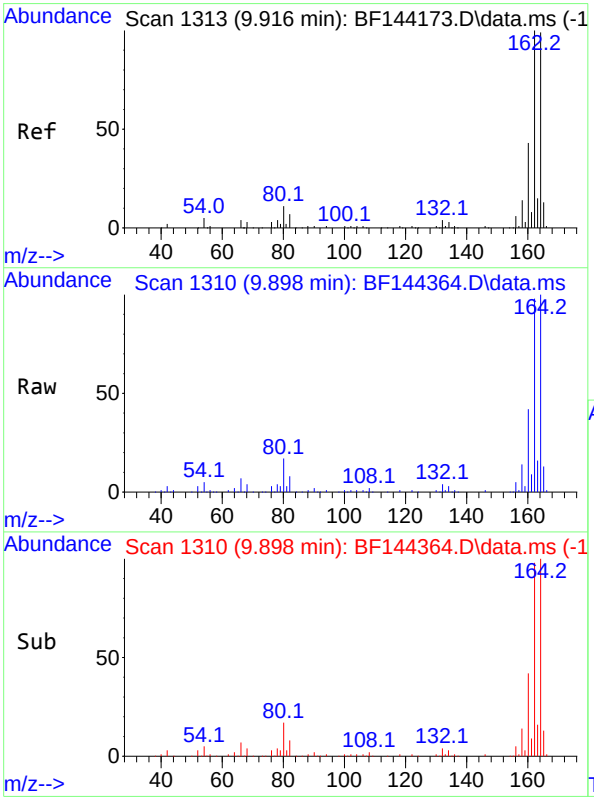
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.4 | 34.7 | 52.1 |
| 54 | 61.4 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

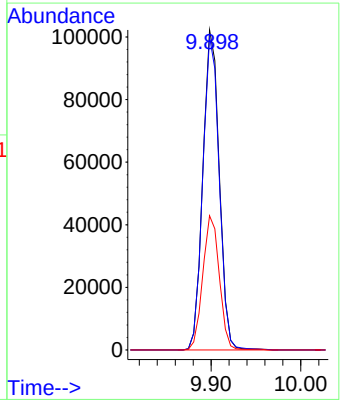
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

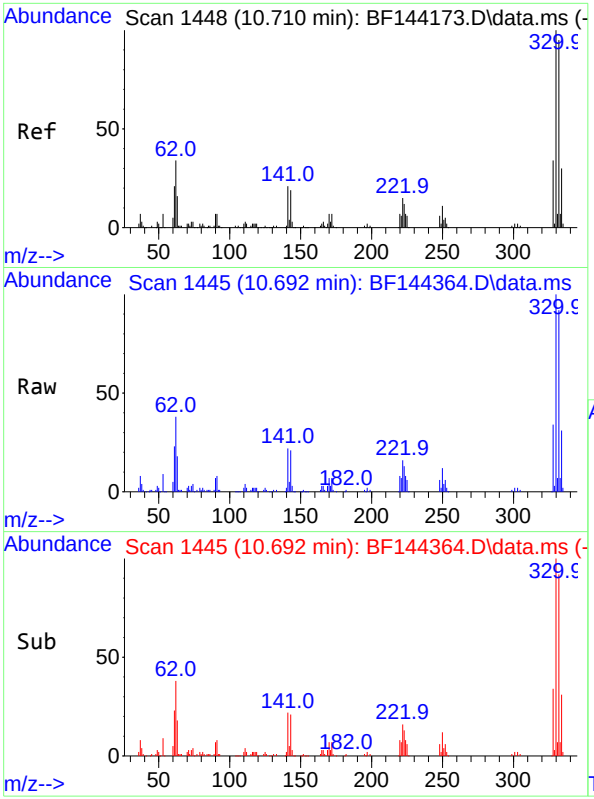



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:164 Resp: 129698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.9 | 81.1 | 121.7 |
| 160 | 41.9 | 34.5 | 51.7 |

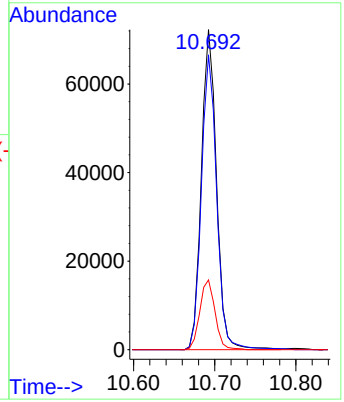





#42
2,4,6-Tribromophenol
Concen: 57.489 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:330 Resp: 9356

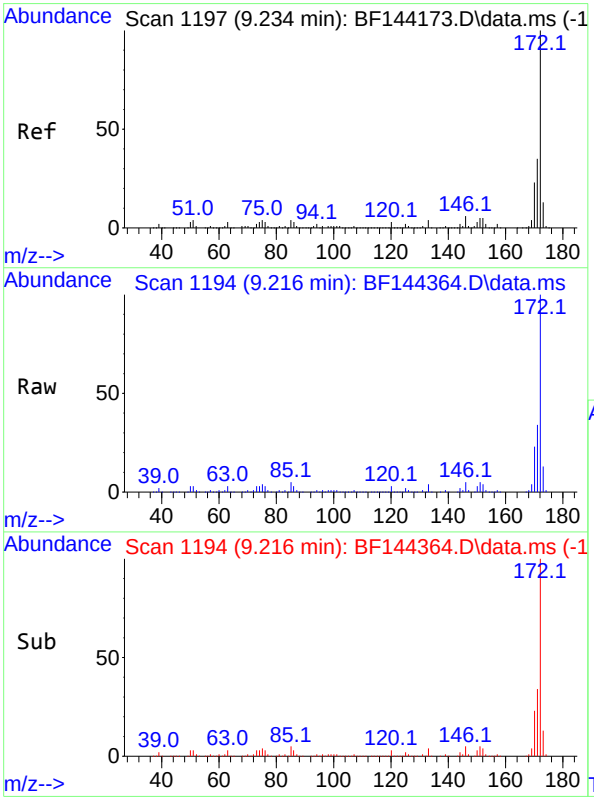
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.1 | 76.7 | 115.1 |
| 141 | 22.0 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

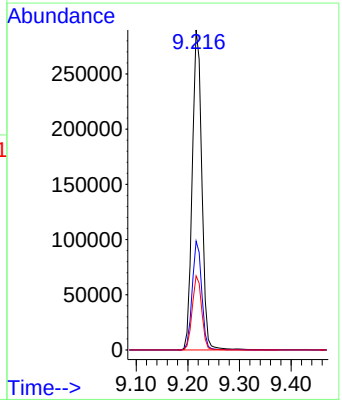
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

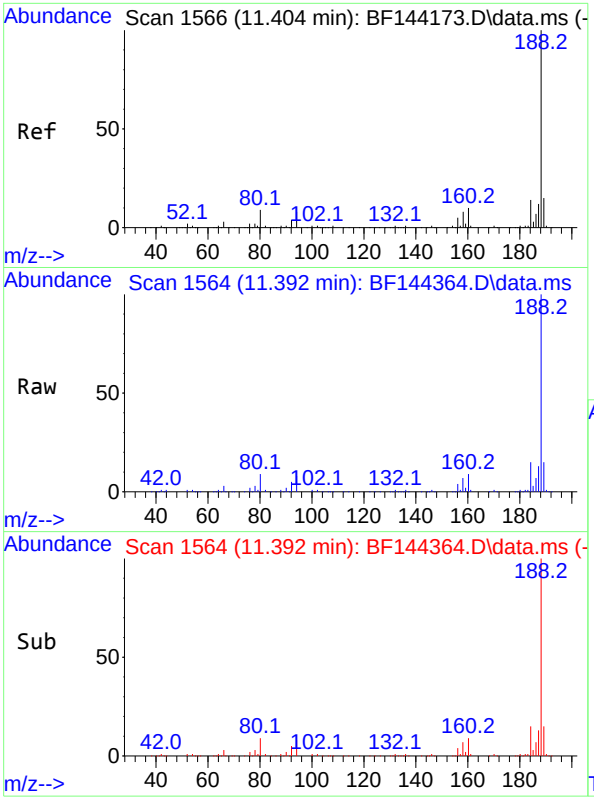



#45
2-Fluorobiphenyl
Concen: 42.532 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:172 Resp: 373494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.0 | 28.1 | 42.1 |
| 170 | 23.2 | 18.6 | 28.0 |

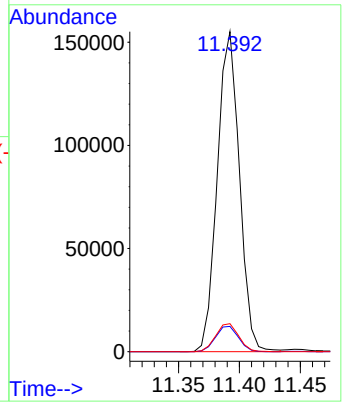





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:188 Resp: 19660

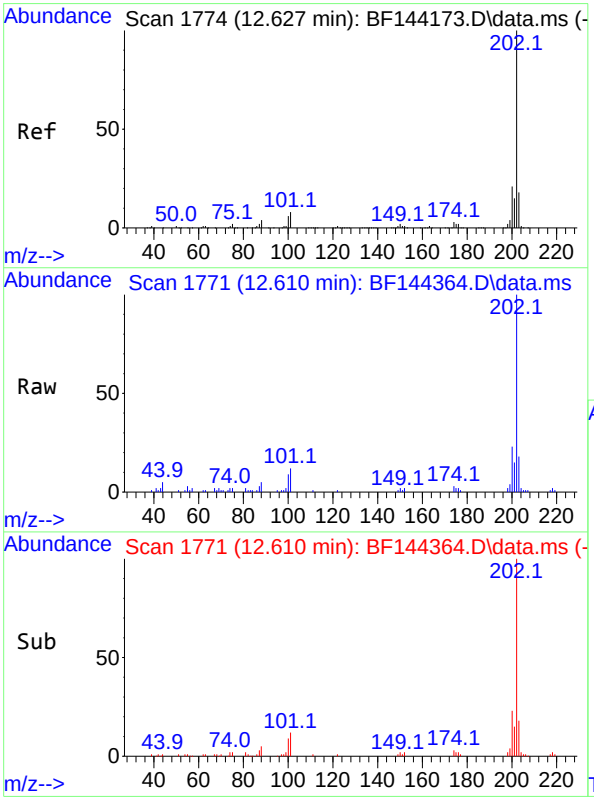
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.9 | 6.2 | 9.2 |
| 80 | 8.7 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

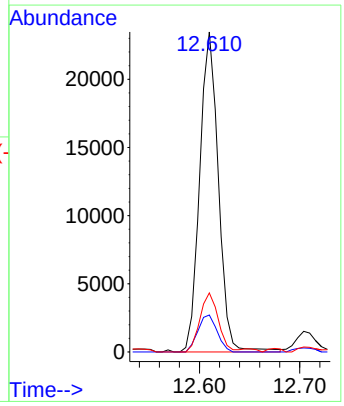
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

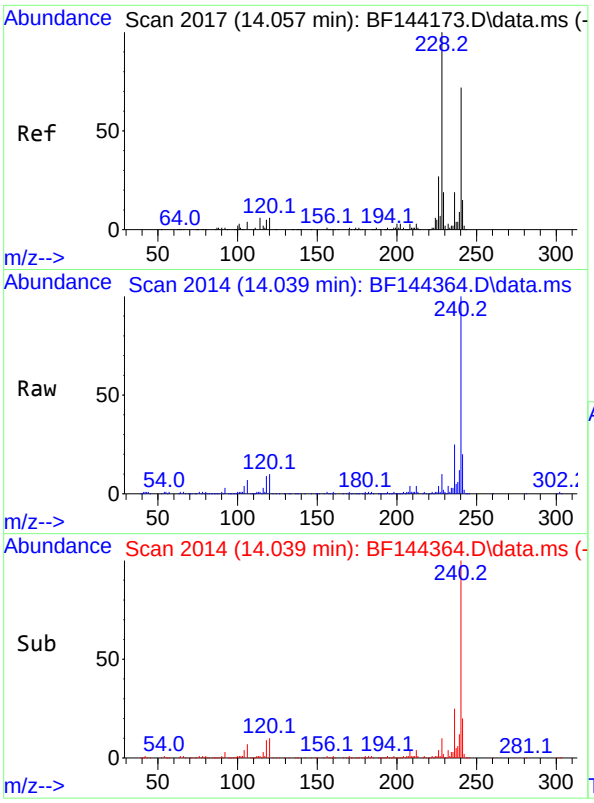



#75
Fluoranthene
Concen: 3.021 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:202 Resp: 30550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 27.9 |
| 203 | 18.4 | 0.0 | 37.5 |

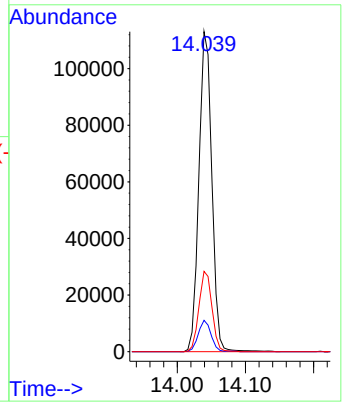





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:240 Resp: 14895

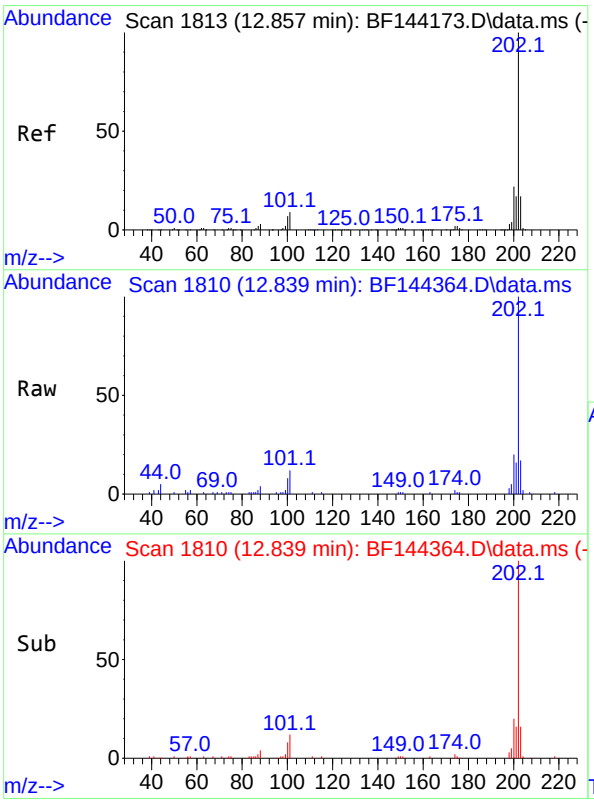
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 6.6 | 10.0 |
| 236 | 25.1 | 21.4 | 32.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

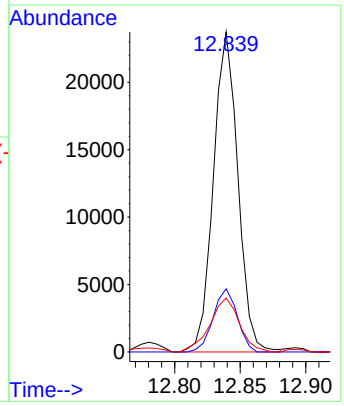
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

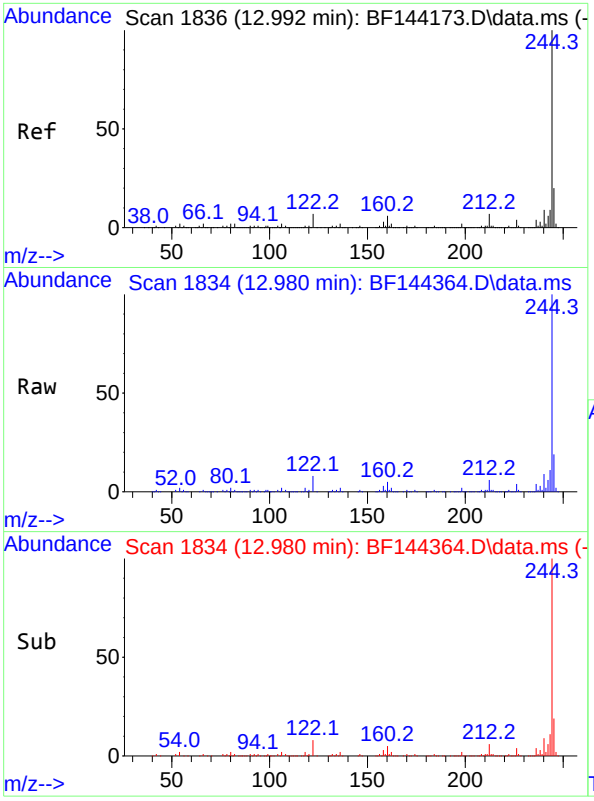



#78
Pyrene
Concen: 2.565 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:202 Resp: 30810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.7 | 17.2 | 25.8 |
| 203 | 16.9 | 13.7 | 20.5 |

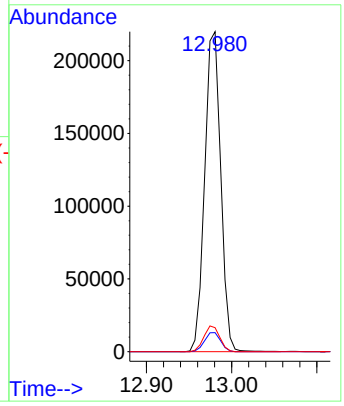





#79
Terphenyl-d14
Concen: 30.649 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:244 Resp: 28741

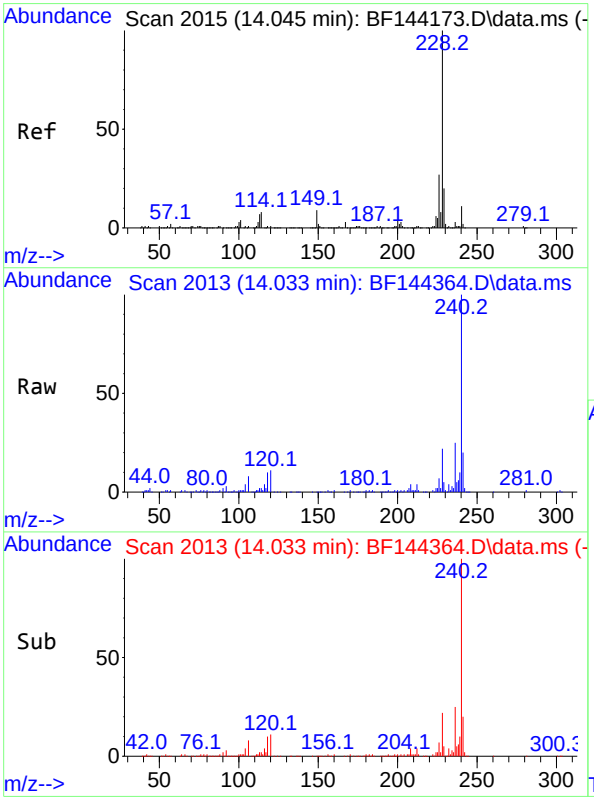
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.0 | 5.3 | 7.9 |
| 122 | 7.5 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

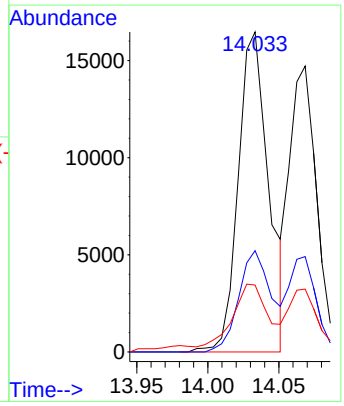
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

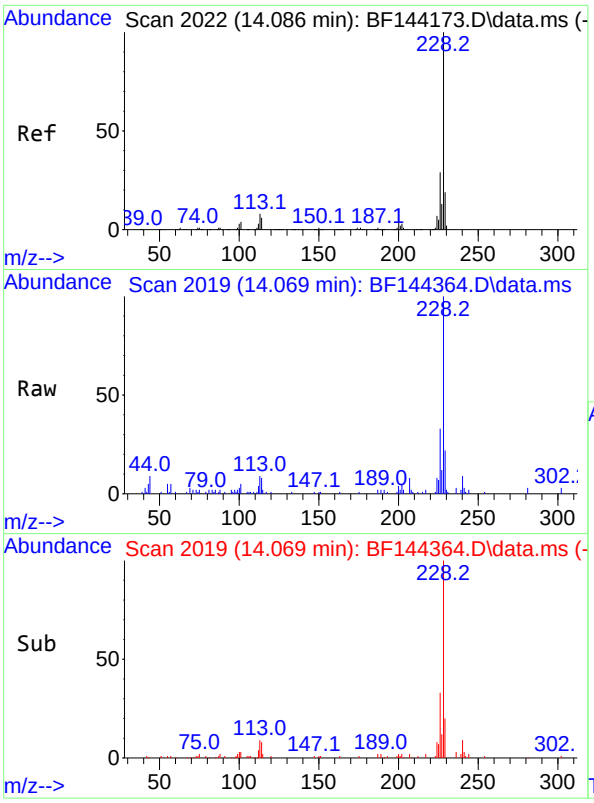



#81
Benzo(a)anthracene
Concen: 2.377 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:228 Resp: 24537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 21.8 | 32.8 |
| 229 | 20.9 | 15.8 | 23.6 |

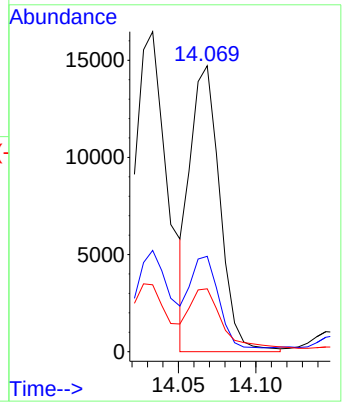





#83
Chrysene
Concen: 2.058 ng
RT: 14.069 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:228 Resp: 1960

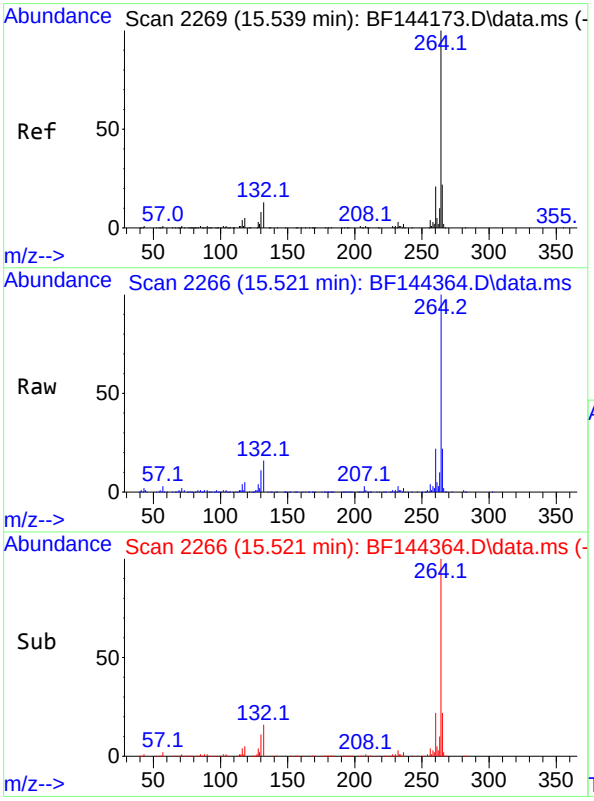
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.4 | 22.9 | 34.3 |
| 229 | 22.0 | 15.0 | 22.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

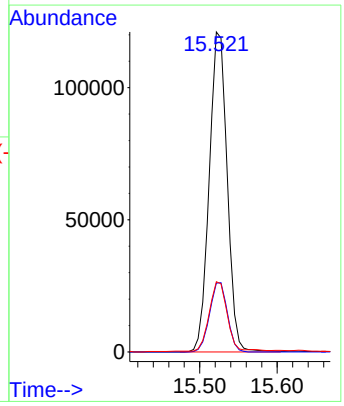
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

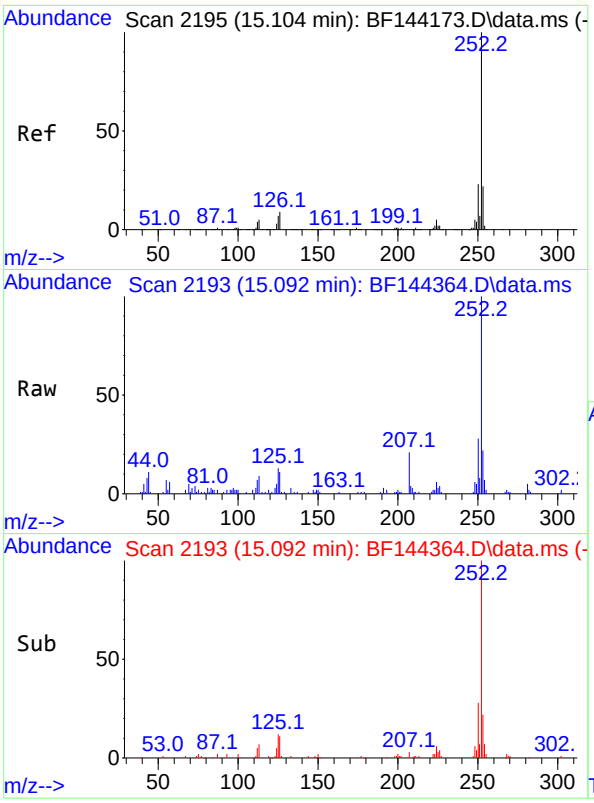



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:264 Resp: 194636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.5 | 17.1 | 25.7 |
| 265 | 22.0 | 17.4 | 26.0 |

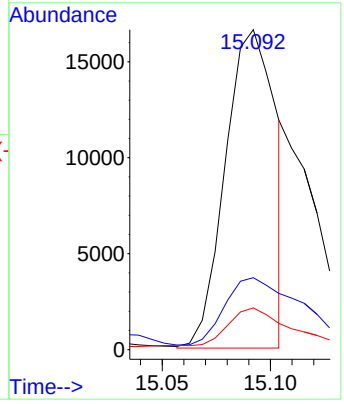





#88
Benzo(b)fluoranthene
Concen: 2.427 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:252 Resp: 2686

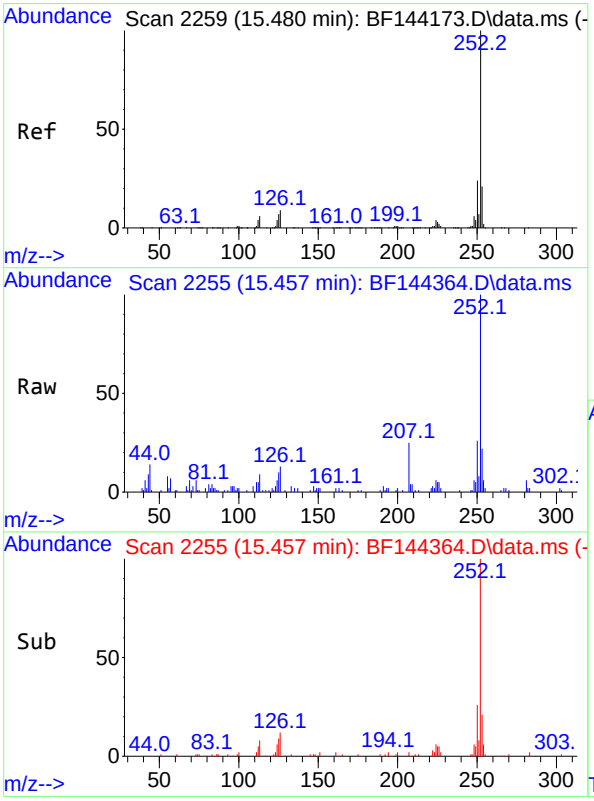
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.4 | 26.2 |
| 125 | 13.1 | 5.3 | 7.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

**Manual Integrations**
**APPROVED**

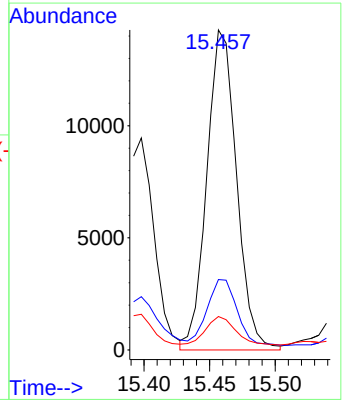
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#90
Benzo(a)pyrene
Concen: 2.206 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.018 min
Lab File: BF144364.D
Acq: 26 Nov 2025 16:42

Tgt Ion:252 Resp: 22518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 16.7 | 25.1 |
| 125 | 10.4 | 5.7 | 8.5# |



LSC Area Percent Report

Sample Results: **BF144364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144364.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 503 | rVB | 206072 | 304800 | 30.83% | 3.359% |
| 2 | 5.487 | 554 | 560 | 584 | rBV | 686471 | 943945 | 95.49% | 10.402% |
| 3 | 6.493 | 726 | 731 | 755 | rBV | 728550 | 988508 | 100.00% | 10.893% |
| 4 | 6.857 | 789 | 793 | 801 | rBV | 278921 | 362094 | 36.63% | 3.990% |
| 5 | 7.422 | 884 | 889 | 903 | rBV | 481991 | 617618 | 62.48% | 6.806% |
| 6 | 8.140 | 1006 | 1011 | 1026 | rVB | 352492 | 475880 | 48.14% | 5.244% |
| 7 | 9.216 | 1189 | 1194 | 1204 | rBV | 782082 | 986479 | 99.79% | 10.871% |
| 8 | 9.898 | 1305 | 1310 | 1324 | rVB | 405210 | 514769 | 52.08% | 5.673% |
| 9 | 10.616 | 1423 | 1432 | 1440 | rBV | 84648 | 109709 | 11.10% | 1.209% |
| 10 | 10.692 | 1440 | 1445 | 1460 | rVV | 467168 | 608447 | 61.55% | 6.705% |
| 11 | 11.392 | 1559 | 1564 | 1574 | rBV | 360544 | 493856 | 49.96% | 5.442% |
| 12 | 11.839 | 1633 | 1640 | 1644 | rBV3 | 25534 | 46492 | 4.70% | 0.512% |
| 13 | 11.916 | 1648 | 1653 | 1661 | rVV2 | 118736 | 184521 | 18.67% | 2.033% |
| 14 | 12.610 | 1766 | 1771 | 1782 | rBV | 57263 | 88259 | 8.93% | 0.973% |
| 15 | 12.704 | 1782 | 1787 | 1793 | rBV2 | 18908 | 30738 | 3.11% | 0.339% |
| 16 | 12.839 | 1803 | 1810 | 1815 | rBV | 48749 | 69309 | 7.01% | 0.764% |
| 17 | 12.980 | 1828 | 1834 | 1843 | rVB | 527353 | 700767 | 70.89% | 7.722% |
| 18 | 13.051 | 1843 | 1846 | 1854 | rVB5 | 6377 | 11576 | 1.17% | 0.128% |
| 19 | 13.169 | 1858 | 1866 | 1870 | rBV2 | 8426 | 16730 | 1.69% | 0.184% |
| 20 | 13.880 | 1979 | 1987 | 1997 | rVB5 | 43774 | 93111 | 9.42% | 1.026% |
| 21 | 14.039 | 2007 | 2014 | 2026 | rBV2 | 320289 | 500224 | 50.60% | 5.512% |
| 22 | 14.198 | 2037 | 2041 | 2046 | rBV6 | 7617 | 12222 | 1.24% | 0.135% |
| 23 | 14.427 | 2077 | 2080 | 2084 | rVB | 10151 | 13495 | 1.37% | 0.149% |
| 24 | 14.522 | 2089 | 2096 | 2099 | rBV5 | 11922 | 26009 | 2.63% | 0.287% |
| 25 | 14.804 | 2141 | 2144 | 2149 | rVB5 | 10961 | 14327 | 1.45% | 0.158% |
| 26 | 14.880 | 2153 | 2157 | 2162 | rVB | 27196 | 39198 | 3.97% | 0.432% |
| 27 | 15.092 | 2188 | 2193 | 2200 | rBV | 43130 | 104735 | 10.60% | 1.154% |
| 28 | 15.198 | 2208 | 2211 | 2216 | rBV | 9589 | 13210 | 1.34% | 0.146% |
| 29 | 15.398 | 2240 | 2245 | 2250 | rVB | 22732 | 38021 | 3.85% | 0.419% |
| 30 | 15.457 | 2251 | 2255 | 2261 | rVV | 36716 | 59862 | 6.06% | 0.660% |
| 31 | 15.521 | 2261 | 2266 | 2279 | rVB | 305651 | 510819 | 51.68% | 5.629% |
| 32 | 15.974 | 2338 | 2343 | 2348 | rVB2 | 23264 | 40250 | 4.07% | 0.444% |
| 33 | 16.480 | 2426 | 2429 | 2436 | rVB2 | 17481 | 30881 | 3.12% | 0.340% |
| 34 | 17.021 | 2517 | 2521 | 2527 | rBV2 | 13573 | 23943 | 2.42% | 0.264% |

Sum of corrected areas: 9074804

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

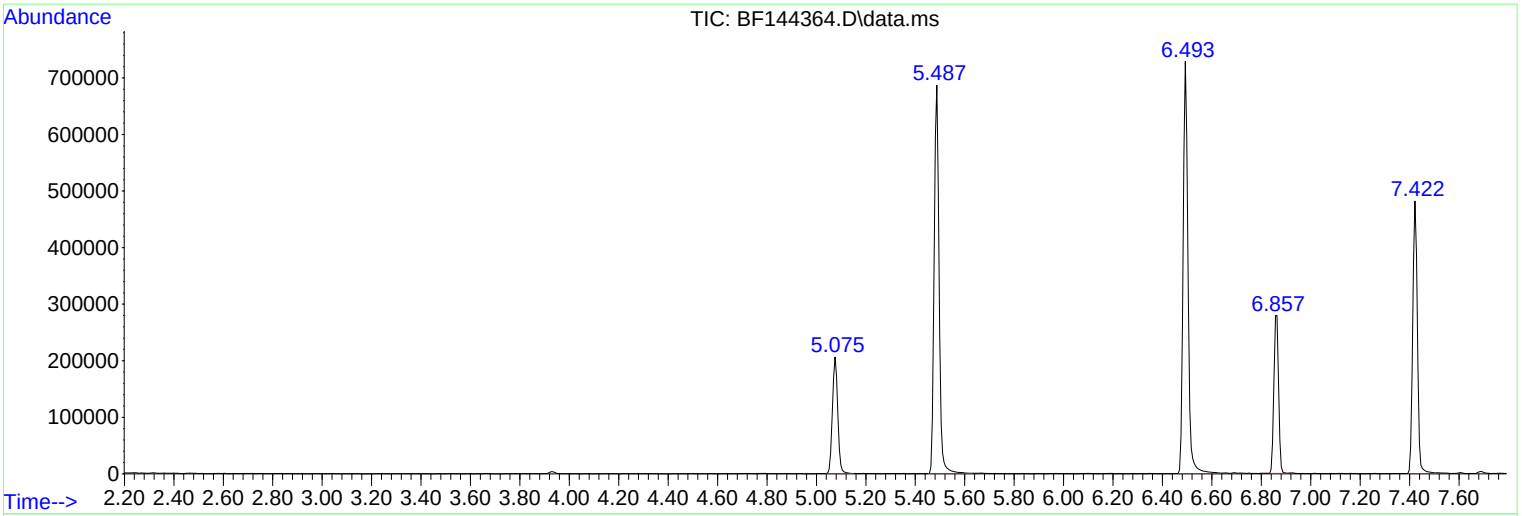
Sample Results: **BF144364.D**

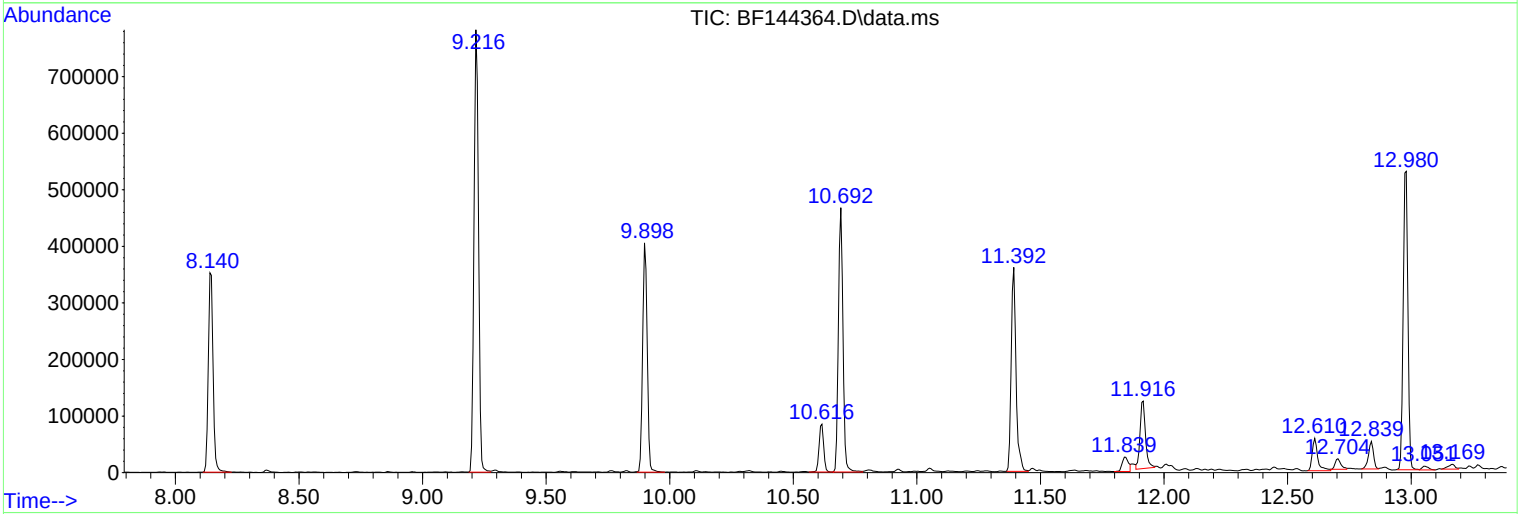
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

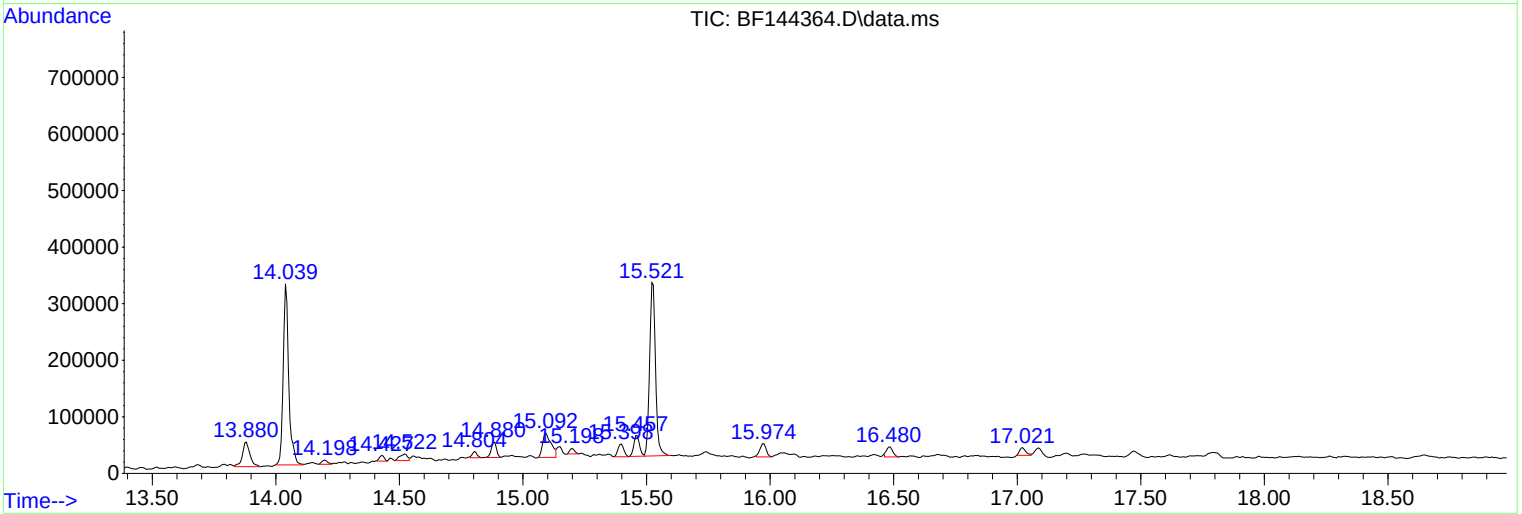
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

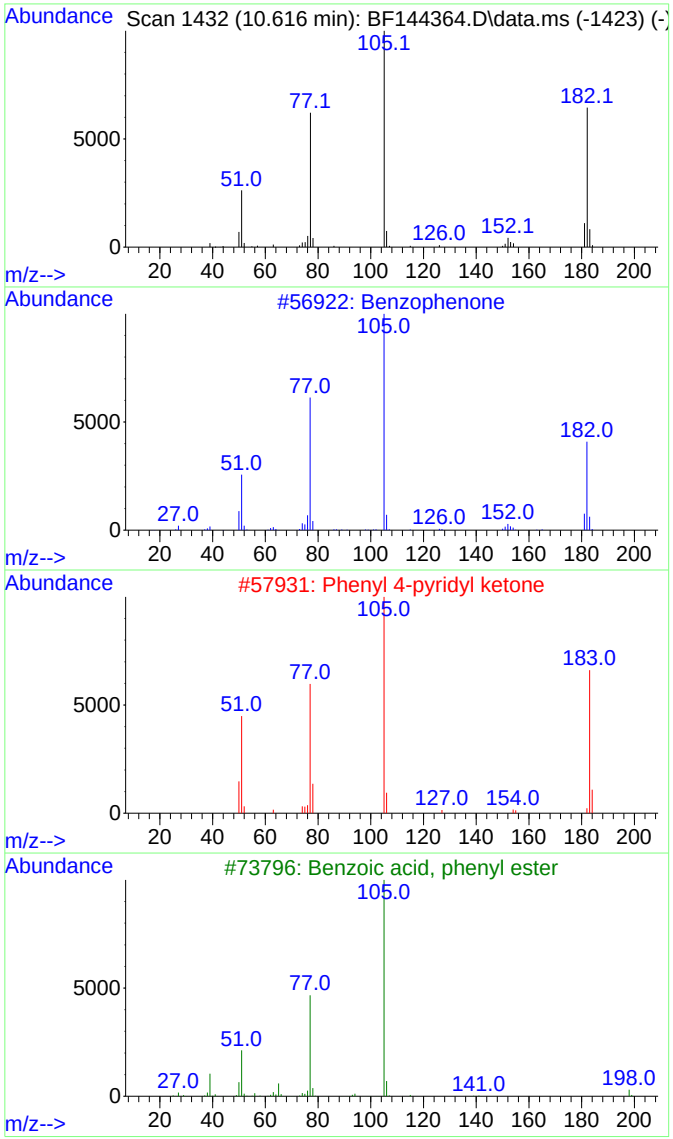
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

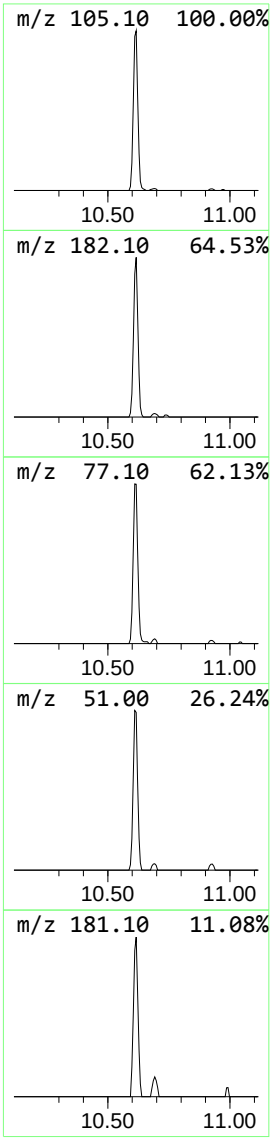
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 4.26 ng | 109709 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Phenyl 4-pyridyl ketone | 183 | C12H9NO | 014548-46-0 | 53 |
| 3 | Benzoic acid, phenyl ester | 198 | C13H10O2 | 000093-99-2 | 47 |
| 4 | N-cyanobenzamide | 146 | C8H6N2O | 015150-25-1 | 47 |
| 5 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

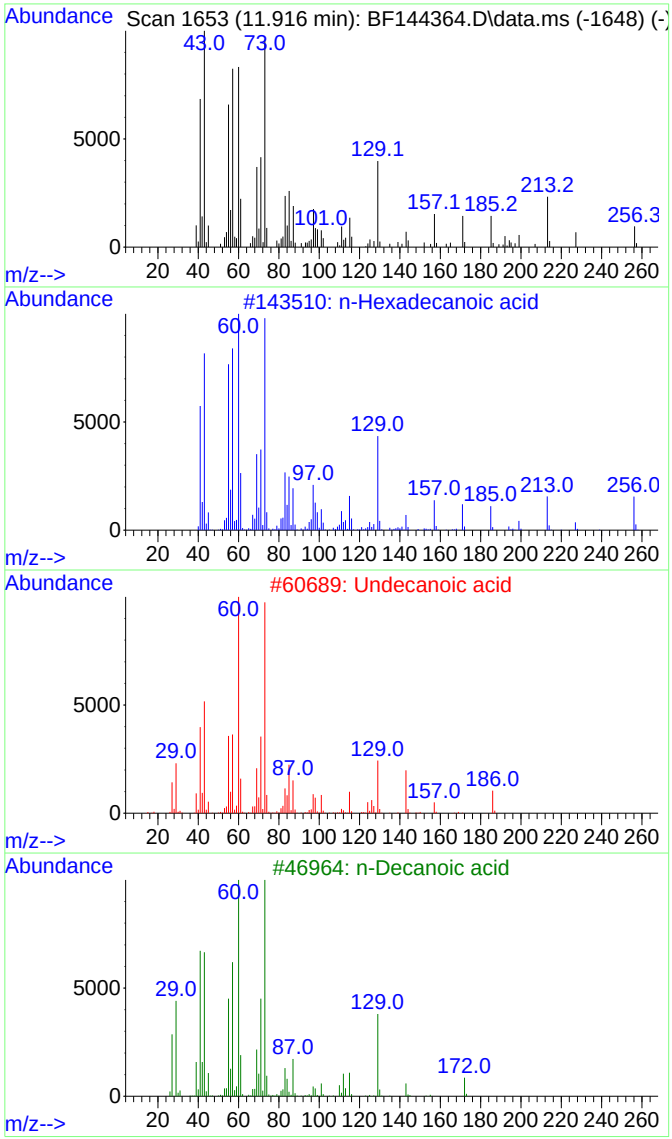
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

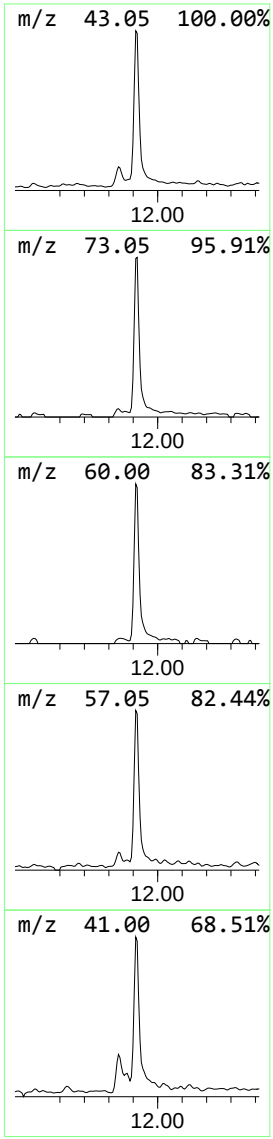
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 7.47 ng | 184521 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 81 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 81 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

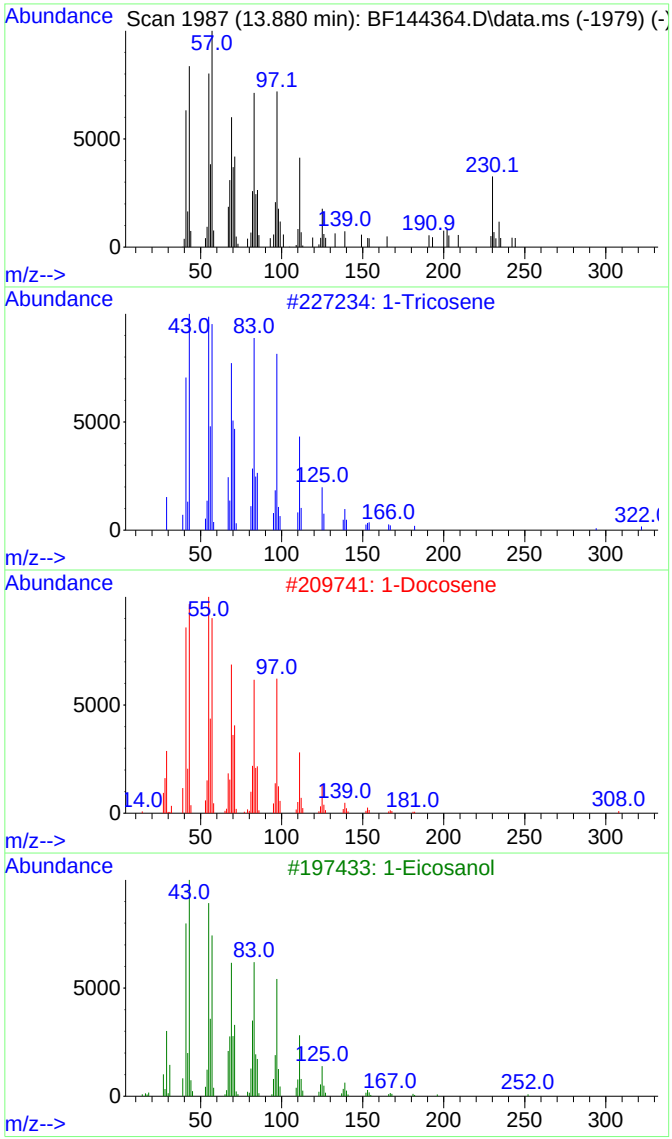
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

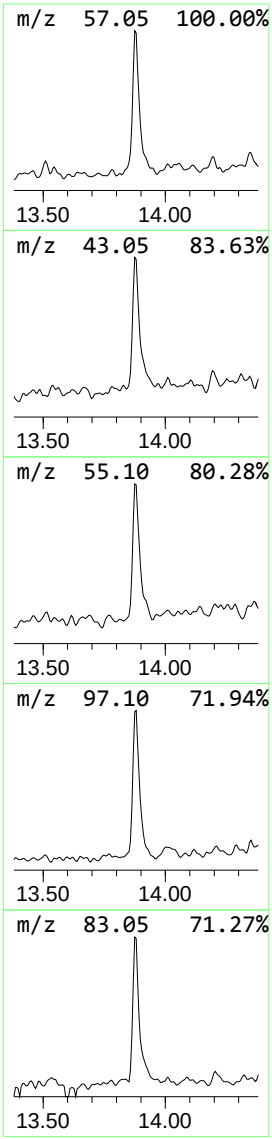
**********

Peak Number 4 1-Tricosene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 3.72 ng | 93111 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 93 |
| 2 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 90 |
| 3 | 1-Eicosanol | 298 | C20H42O | 000629-96-9 | 90 |
| 4 | 13-Tetradecen-1-ol acetate | 254 | C16H30O2 | 056221-91-1 | 87 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 87 |



Sample Results: **BF144364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144364.D
Acq On : 26 Nov 2025 16:42
Operator : RC/JU
Sample : Q3719-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-10B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 4.3 | ng | 109709 | 3 | 9.898 | 514769 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 7.5 | ng | 184521 | 4 | 11.392 | 493856 | 20.0 |
| 1-Tricosene | 13.880 | 3.7 | ng | 93111 | 5 | 14.039 | 500224 | 20.0 |

Raw Data: **BF144365.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-11A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-03 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 80.3 |
| Sample Wt/Vol: | 30.05 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 190 | U | 1 | 190 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 108-95-2 | Phenol | 27.5 | U | 1 | 27.5 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 30.2 | U | 1 | 30.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 30.3 | U | 1 | 30.3 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 95-48-7 | 2-Methylphenol | 37.2 | U | 1 | 37.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 46.6 | U | 1 | 46.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 98-86-2 | Acetophenone | 36.7 | U | 1 | 36.7 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 51.1 | U | 1 | 51.1 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 58.9 | U | 1 | 58.9 | 99.5 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 67-72-1 | Hexachloroethane | 21.9 | U | 1 | 21.9 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 98-95-3 | Nitrobenzene | 22.8 | U | 1 | 22.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 78-59-1 | Isophorone | 40.8 | U | 1 | 40.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 72.4 | U | 1 | 72.4 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 80.6 | U | 1 | 80.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 38.3 | U | 1 | 38.3 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 35.2 | U | 1 | 35.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 91-20-3 | Naphthalene | 28.2 | U | 1 | 28.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 44.0 | U | 1 | 44.0 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 31.5 | U | 1 | 31.5 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 105-60-2 | Caprolactam | 64.8 | U | 1 | 64.8 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 35.7 | U | 1 | 35.7 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 31.8 | U | 1 | 31.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 140 | U | 1 | 140 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 24.6 | U | 1 | 24.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 36.2 | U | 1 | 36.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 27.1 | U | 1 | 27.1 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 28.0 | U | 1 | 28.0 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 59.8 | U | 1 | 59.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 131-11-3 | Dimethylphthalate | 33.7 | U | 1 | 33.7 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 208-96-8 | Acenaphthylene | 35.9 | U | 1 | 35.9 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 41.8 | U | 1 | 41.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 57.2 | U | 1 | 57.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 83-32-9 | Acenaphthene | 26.5 | U | 1 | 26.5 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 280 | U | 1 | 280 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 130 | U | 1 | 130 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 132-64-9 | Dibenzofuran | 28.2 | U | 1 | 28.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 62.3 | U | 1 | 62.3 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 84-66-2 | Diethylphthalate | 35.2 | U | 1 | 35.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 33.2 | U | 1 | 33.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 86-73-7 | Fluorene | 31.5 | U | 1 | 31.5 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 79.8 | U | 1 | 79.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 1 | 130 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |

Raw Data: **BF144365.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-11A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-03 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 80.3 |
| Sample Wt/Vol: | 30.05 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 40.9 | U | 1 | 40.9 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 34.6 | U | 1 | 34.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 31.5 | U | 1 | 31.5 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 1912-24-9 | Atrazine | 42.3 | U | 1 | 42.3 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 87-86-5 | Pentachlorophenol | 63.8 | U | 1 | 63.8 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 85-01-8 | Phenanthrene | 100 | J | 1 | 26.0 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 120-12-7 | Anthracene | 41.4 | U | 1 | 41.4 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 86-74-8 | Carbazole | 38.8 | U | 1 | 38.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 59.6 | U | 1 | 59.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 206-44-0 | Fluoranthene | 250 | | 1 | 37.3 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 129-00-0 | Pyrene | 190 | J | 1 | 44.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 88.8 | U | 1 | 88.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 45.6 | U | 1 | 45.6 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 220 | | 1 | 28.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 218-01-9 | Chrysene | 190 | J | 1 | 24.7 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 73.6 | U | 1 | 73.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 110 | U | 1 | 110 | 410 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 230 | | 1 | 23.6 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 110 | J | 1 | 27.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 200 | J | 1 | 36.7 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 83.7 | J | 1 | 36.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 34.1 | U | 1 | 34.1 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 90.8 | J | 1 | 32.0 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 31.8 | U | 1 | 31.8 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 56.2 | U | 1 | 56.2 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 34.1 | U | 1 | 34.1 | 210 | ug/Kg | 11/26/25 17:12 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 82.5 | | | 10 - 105 | 55% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 85.3 | | | 10 - 103 | 57% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 56.6 | | | 10 - 108 | 57% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 56.0 | | | 10 - 108 | 56% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 75.3 | | | 10 - 116 | 50% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 39.9 | | | 10 - 109 | 40% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 56500 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 215000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 115000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 176000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 134000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 176000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 200 | J | | | 10.6 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 400 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144365.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-11A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-03 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 80.3 |
| Sample Wt/Vol: | 30.05 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000198-55-0 | Perylene | 130 | J | | | 15.4 | ug/Kg | | |
| 000544-76-3 | Hexadecane | 87.9 | J | | | 16.0 | ug/Kg | | |
| 000630-02-4 | Octacosane | 110 | J | | | 16.5 | 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

Sample Results: **BF144365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 26 17:33:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 56499 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 215321 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 115085 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 175885 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 134346 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 175772 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 297930 | 82.519 | ng | | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 349154 | 85.348 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 211086 | 56.619 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 108691 | 75.261 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 436414 | 56.007 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 337489 | 39.902 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 21118 | 2.412 | ng | | 99 |
| 75) Fluoranthene | 12.610 | 202 | 54838 | 6.062 | ng | | 98 |
| 78) Pyrene | 12.839 | 202 | 50313 | 4.645 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 49123m | 5.276 | ng | | |
| 83) Chrysene | 14.068 | 228 | 39469 | 4.592 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 17.021 | 276 | 25485 | 2.020 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 56507m | 5.655 | ng | | |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 25262m | 2.701 | ng | | |
| 90) Benzo(a)pyrene | 15.463 | 252 | 45528 | 4.939 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 17.474 | 276 | 21925 | 2.191 | ng | # | 91 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 17:33:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations APPROVED**

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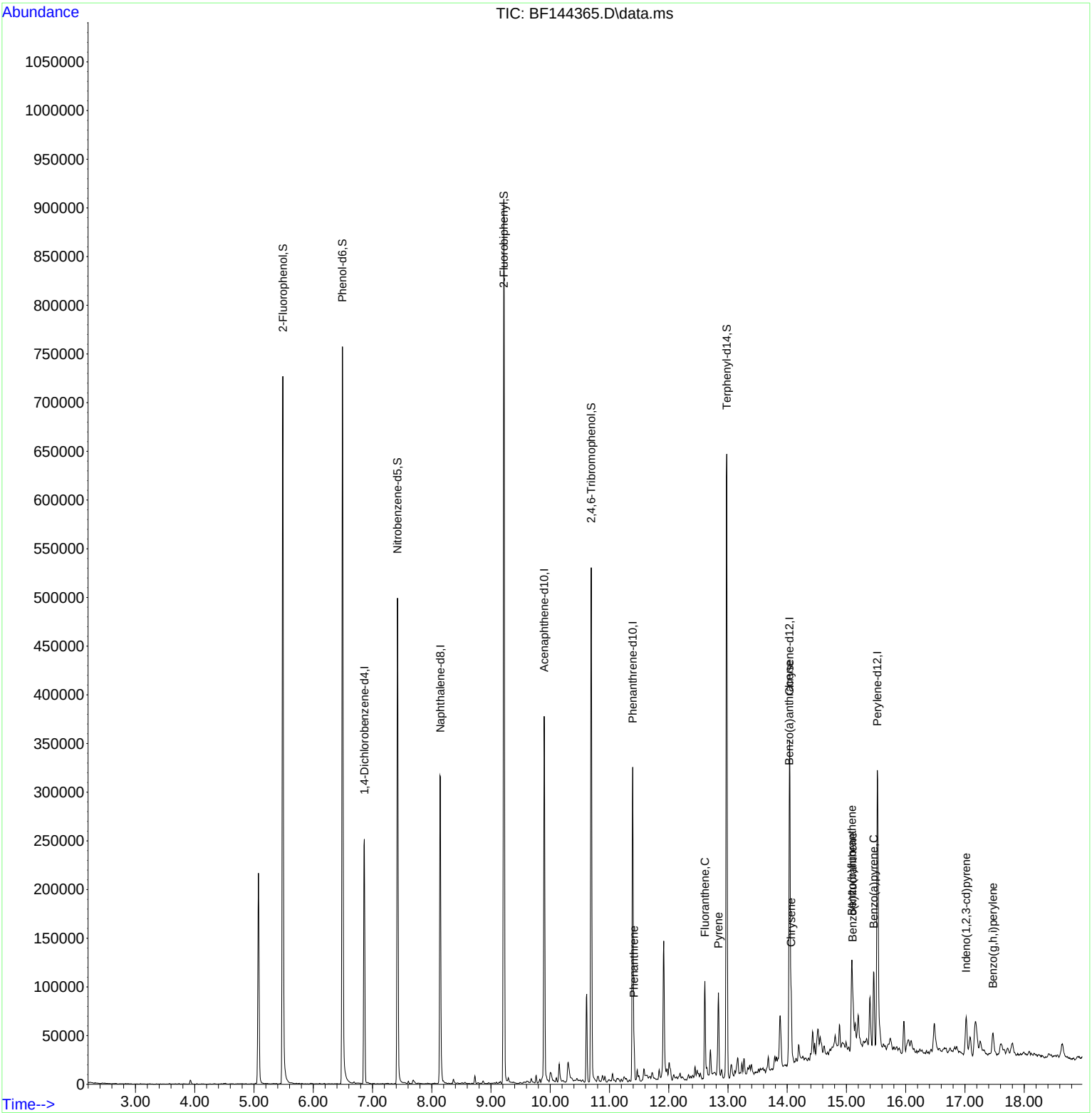
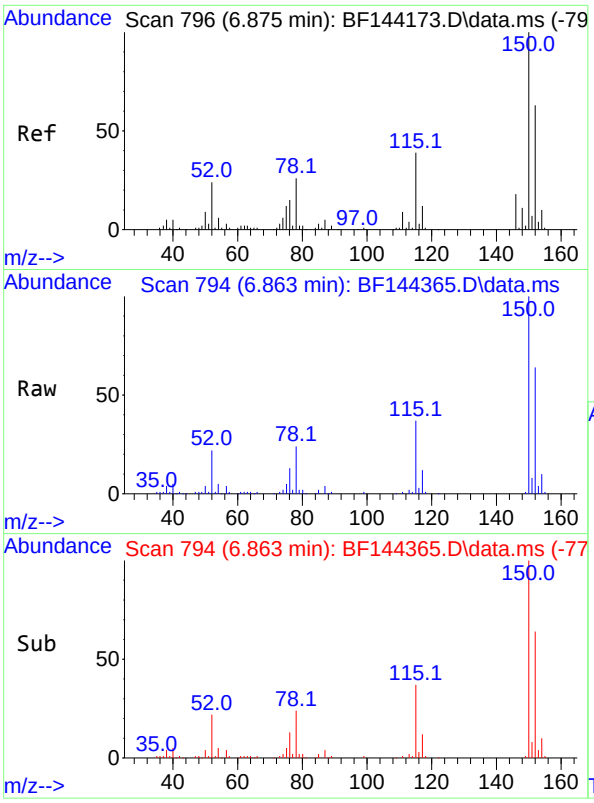
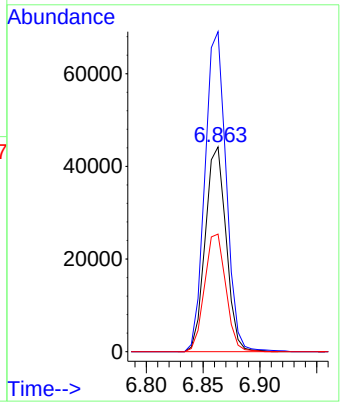





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:152 Resp: 5649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 127.4 | 191.0 |
| 115 | 57.5 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
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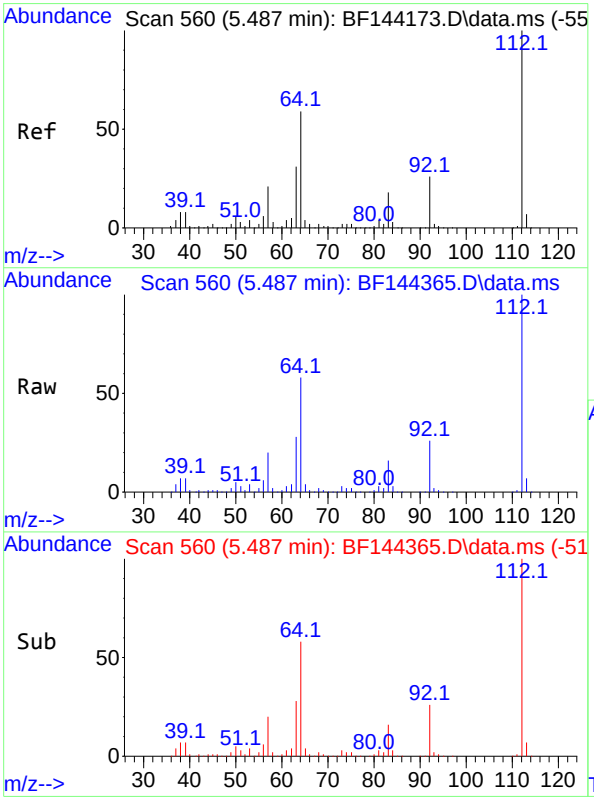
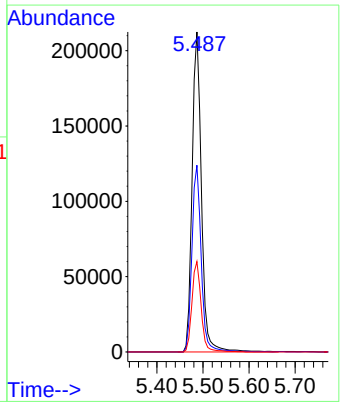
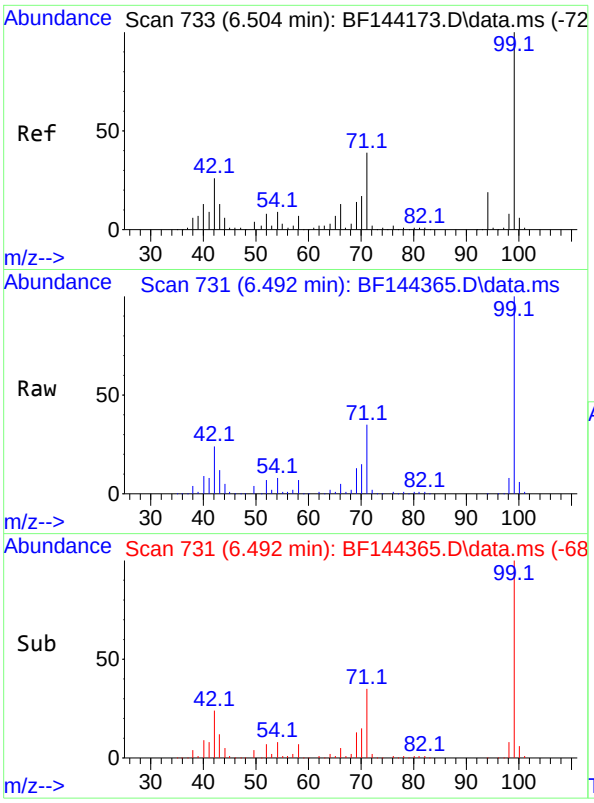



#5
2-Fluorophenol
Concen: 82.519 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:112 Resp: 297930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.3 | 47.2 | 70.8 |
| 63 | 28.3 | 24.4 | 36.6 |

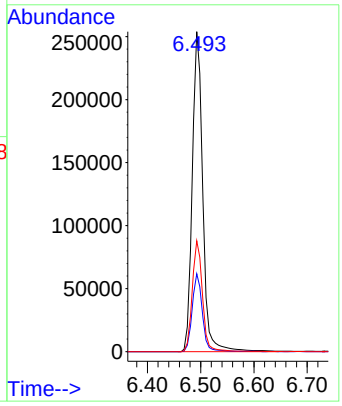





#7
Phenol-d6
Concen: 85.348 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion: 99 Resp: 34915

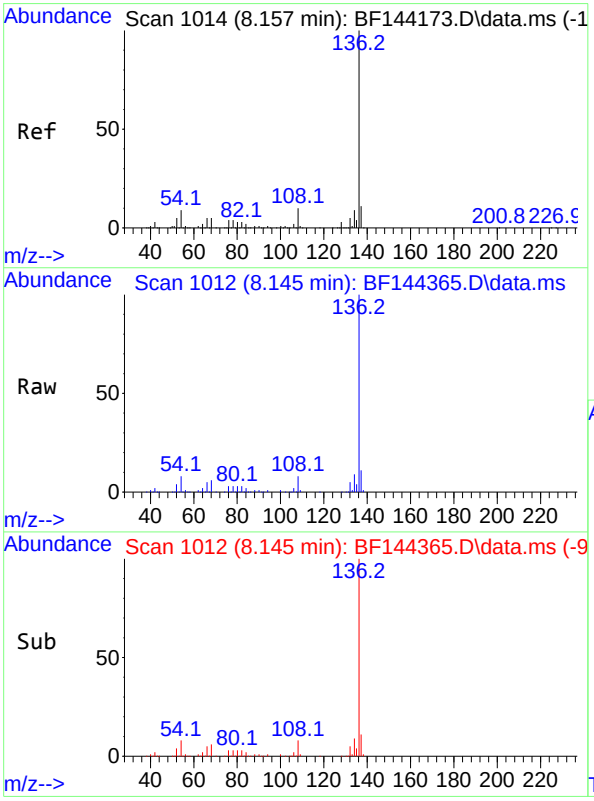
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.3 | 20.9 | 31.3 |
| 71 | 34.7 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

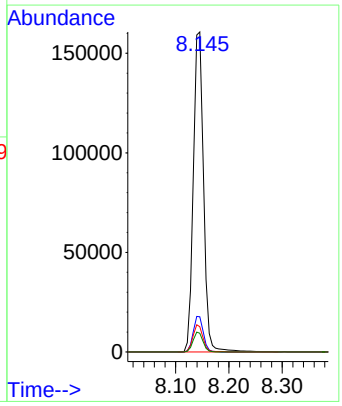
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

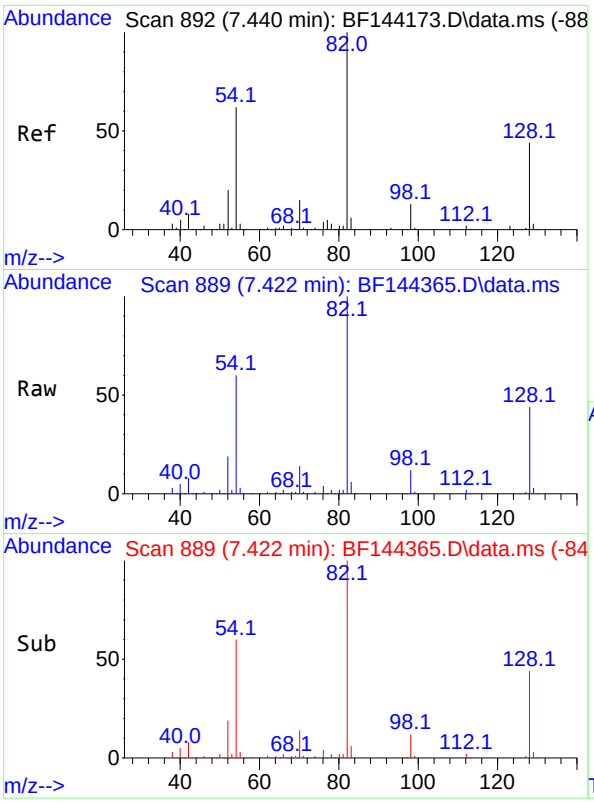



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:136 Resp: 215321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 7.9 | 7.0 | 10.6 |
| 68 | 5.9 | 4.3 | 6.5 |

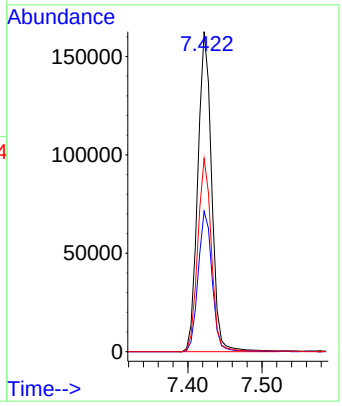





#23
Nitrobenzene-d5
Concen: 56.619 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion: 82 Resp: 21108

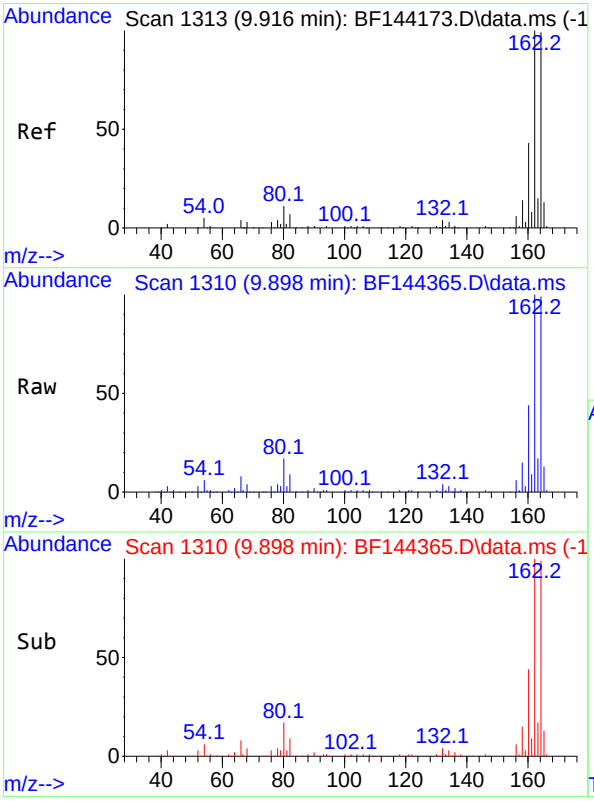
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 34.7 | 52.1 |
| 54 | 60.4 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

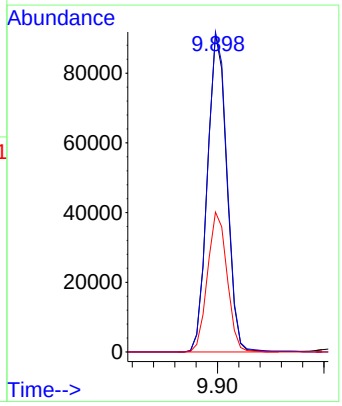
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

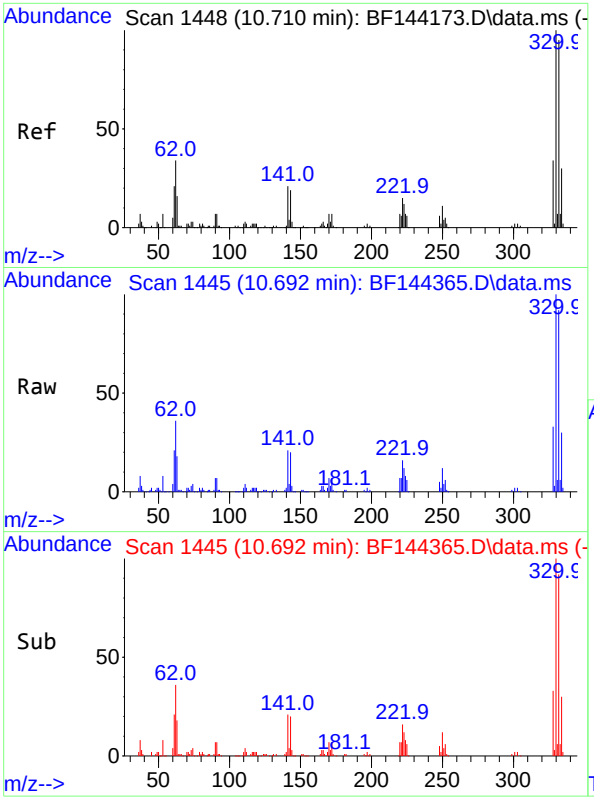



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:164 Resp: 115085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 81.1 | 121.7 |
| 160 | 44.0 | 34.5 | 51.7 |

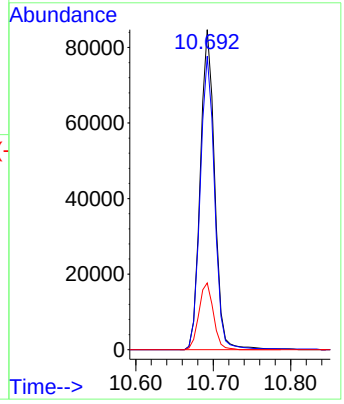





#42
2,4,6-Tribromophenol
Concen: 75.261 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:330 Resp: 10869

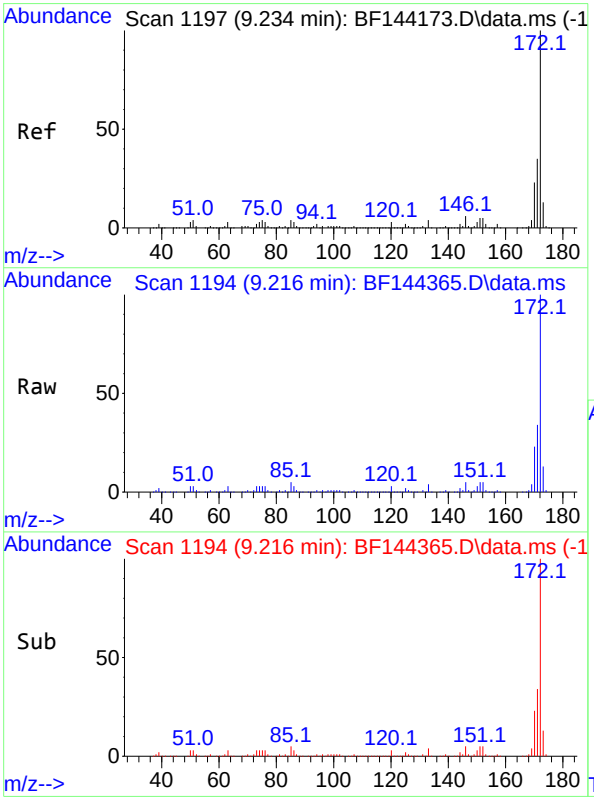
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.1 | 76.7 | 115.1 |
| 141 | 21.1 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

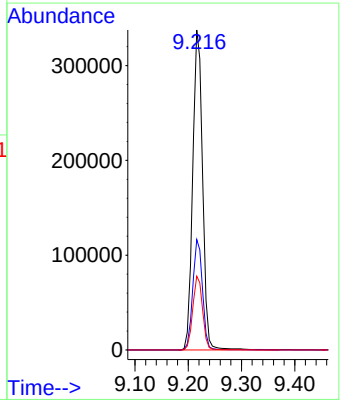
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

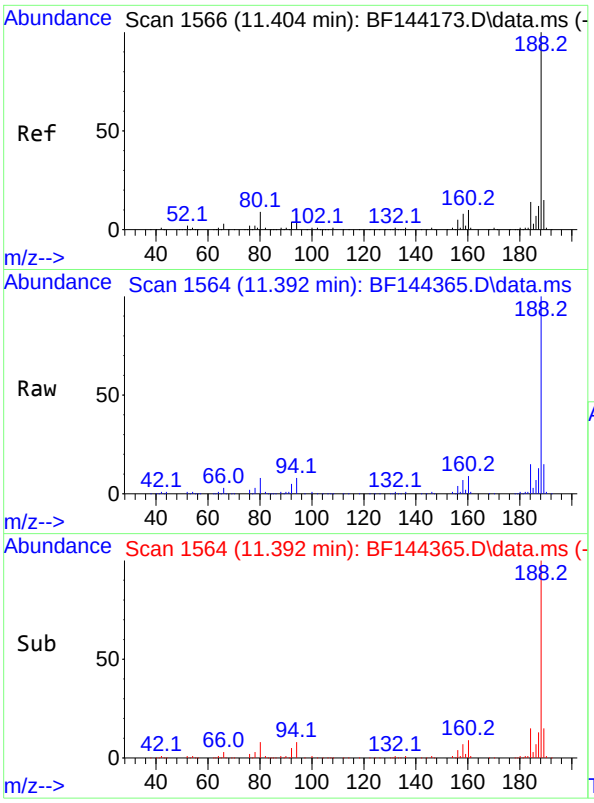



#45
2-Fluorobiphenyl
Concen: 56.007 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:172 Resp: 436414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 28.1 | 42.1 |
| 170 | 23.1 | 18.6 | 28.0 |

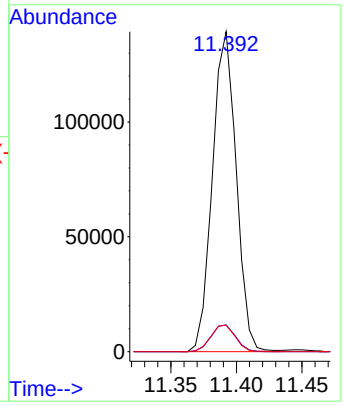





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:188 Resp: 17588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 6.2 | 9.2 |
| 80 | 8.3 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
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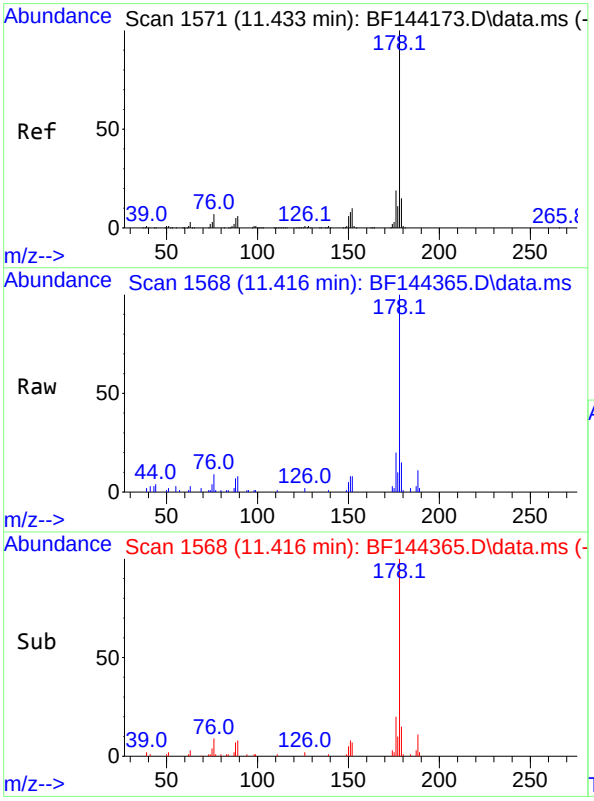
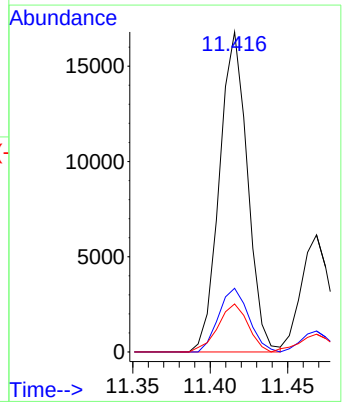
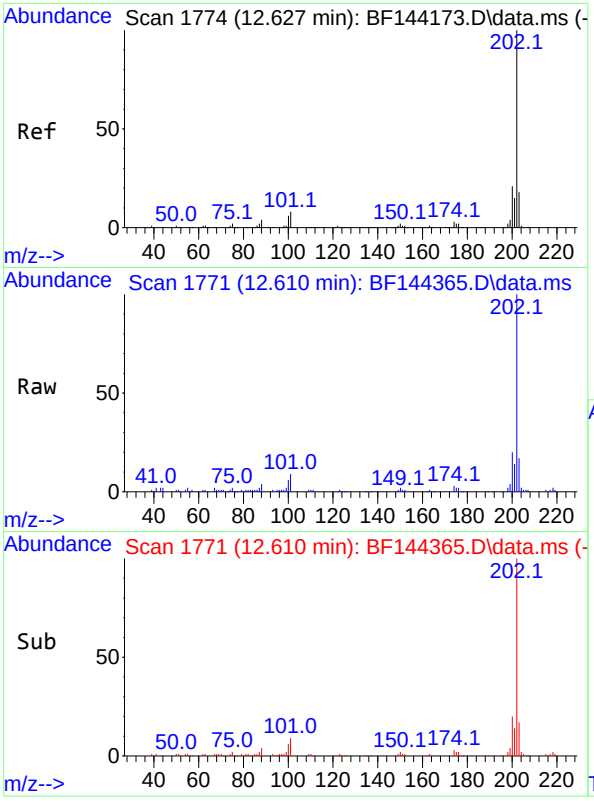



#71
Phenanthrene
Concen: 2.412 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:178 Resp: 21118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.5 | 23.3 |
| 179 | 15.0 | 12.2 | 18.4 |

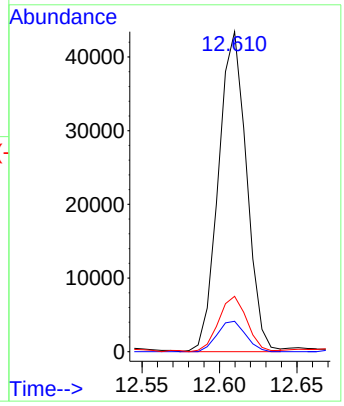





#75
Fluoranthene
Concen: 6.062 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:202 Resp: 5483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 0.0 | 27.9 |
| 203 | 17.3 | 0.0 | 37.5 |




**Instrument :**
BNA_F
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SB-1125-11A

**Manual Integrations**
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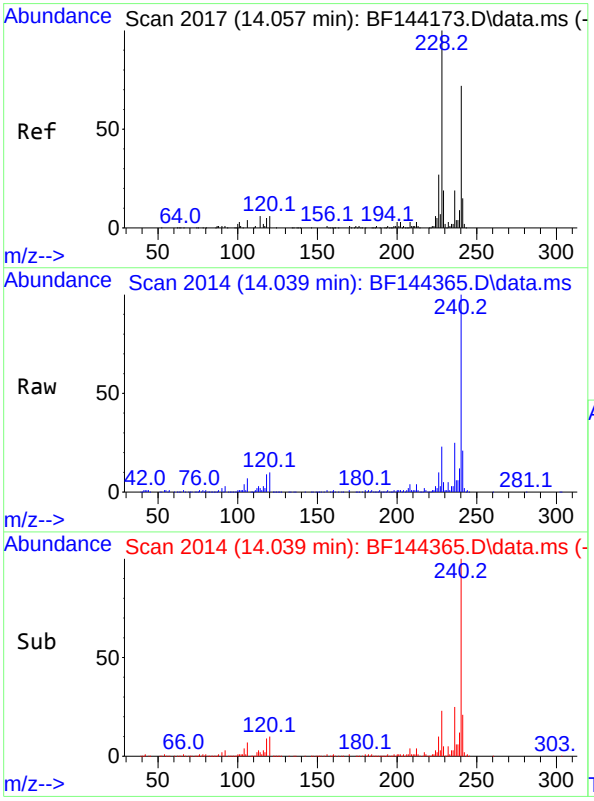
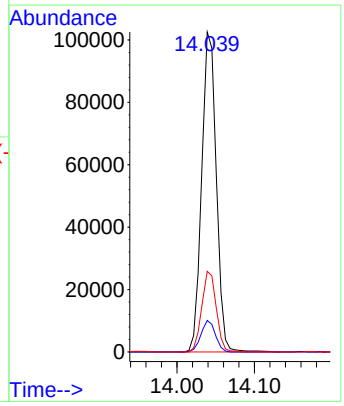
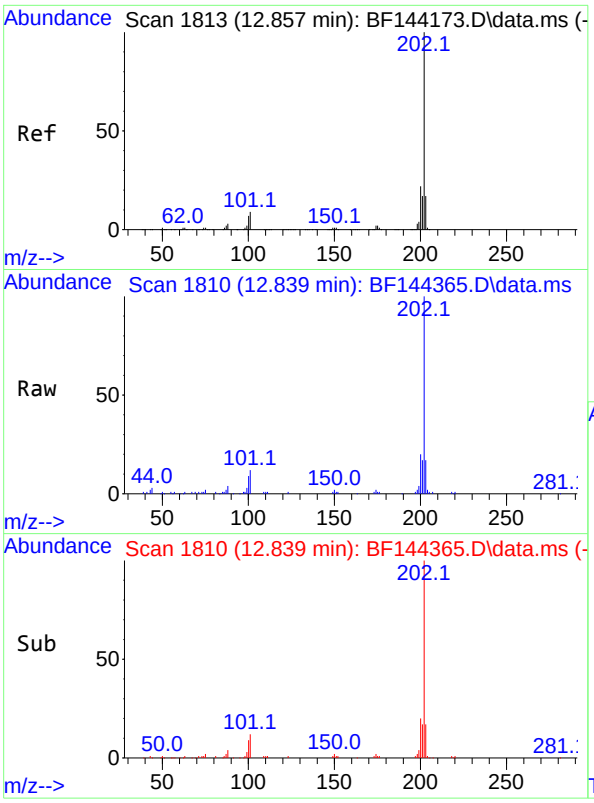



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:240 Resp: 134346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 6.6 | 10.0 |
| 236 | 25.2 | 21.4 | 32.2 |

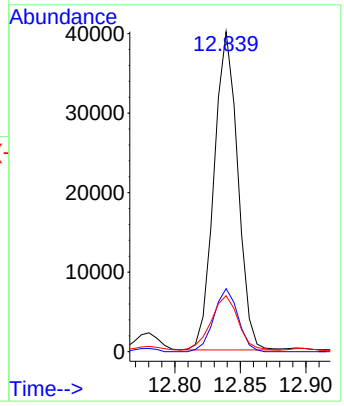





#78
Pyrene
Concen: 4.645 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:202 Resp: 5031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.7 | 17.2 | 25.8 |
| 203 | 17.5 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
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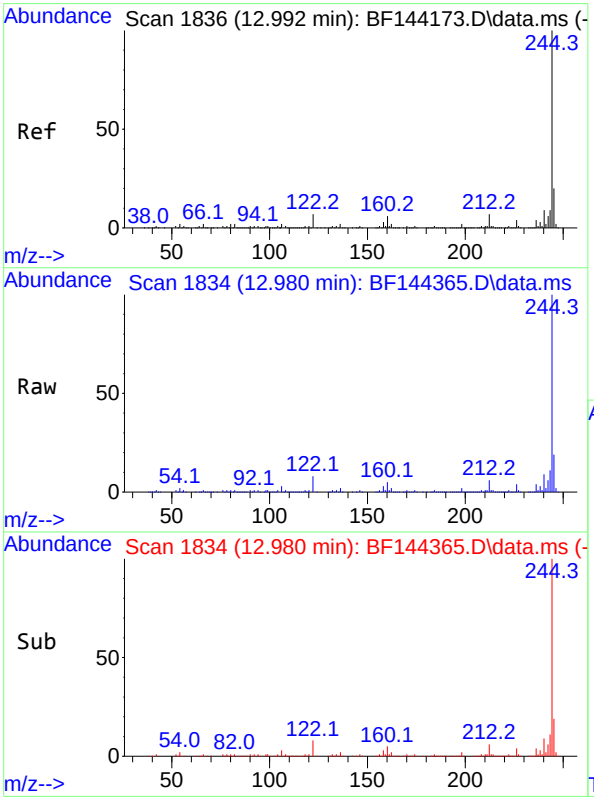
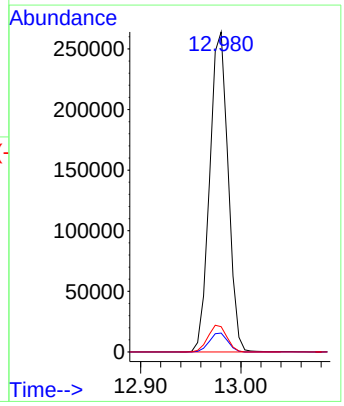
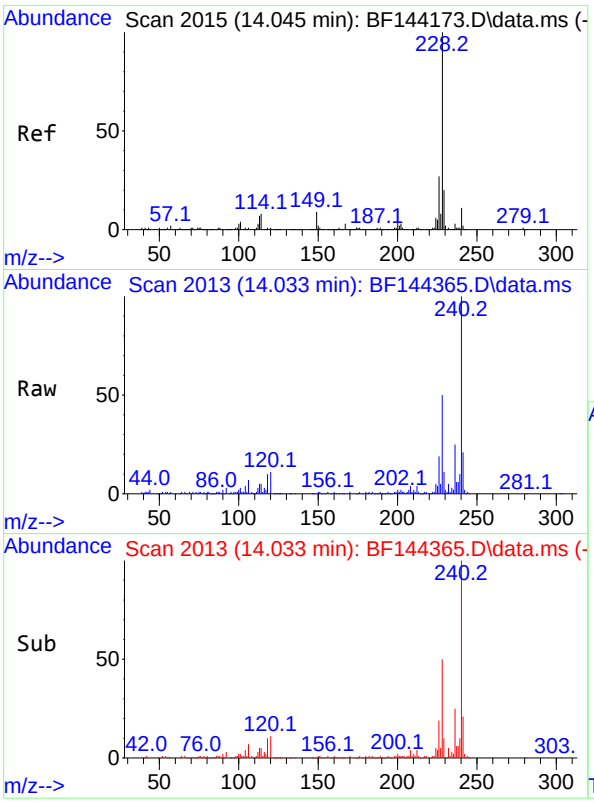



#79
Terphenyl-d14
Concen: 39.902 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:244 Resp: 337489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 5.9 | 5.3 | 7.9 |
| 122 | 7.9 | 5.6 | 8.4 |

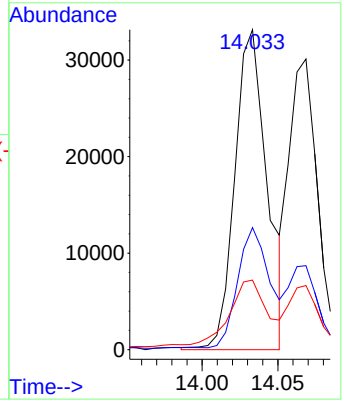





#81
Benzo(a)anthracene
Concen: 5.276 ng m
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:228 Resp: 4912

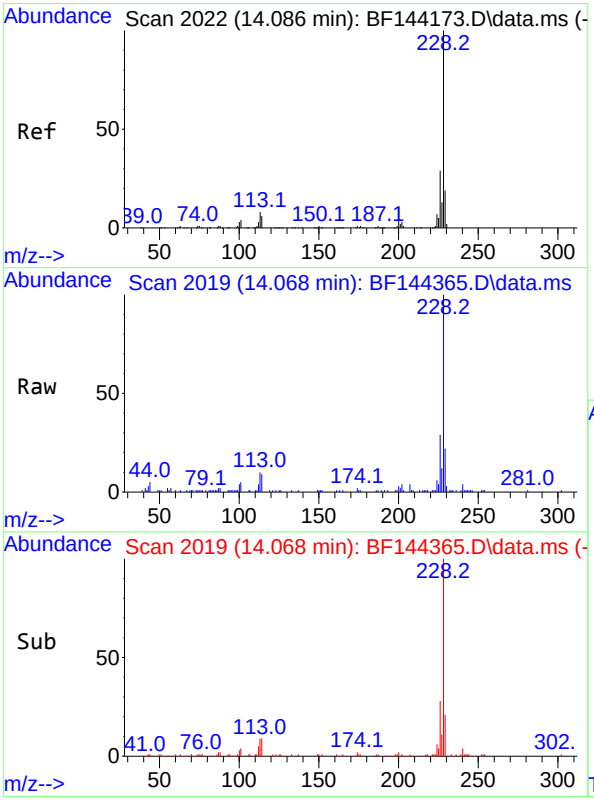
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 38.2 | 21.8 | 32.8 |
| 229 | 21.8 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

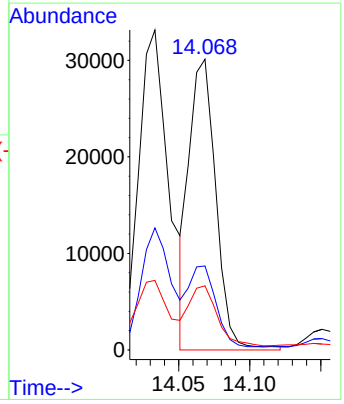
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

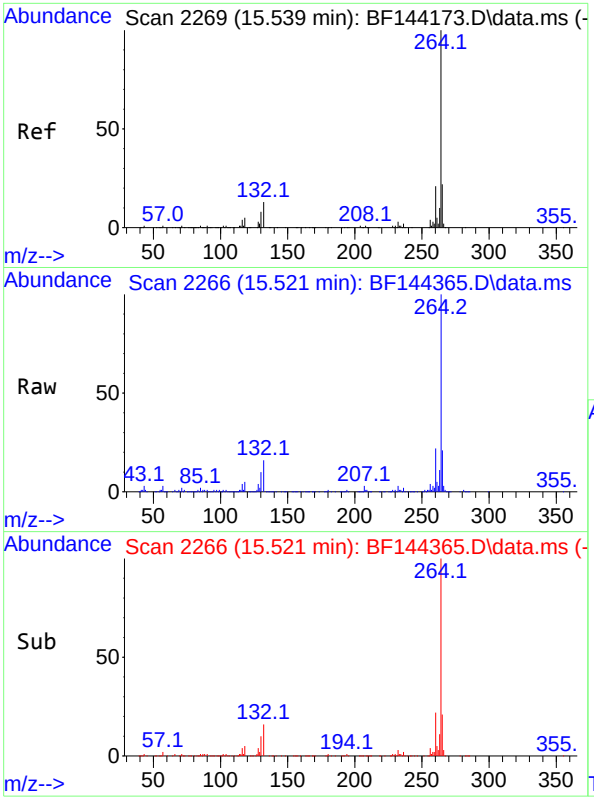



#83
Chrysene
Concen: 4.592 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:228 Resp: 39469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 22.9 | 34.3 |
| 229 | 22.1 | 15.0 | 22.6 |

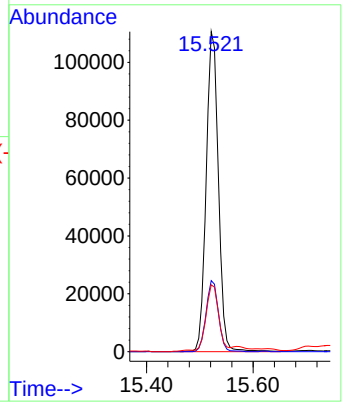





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:264 Resp: 17577

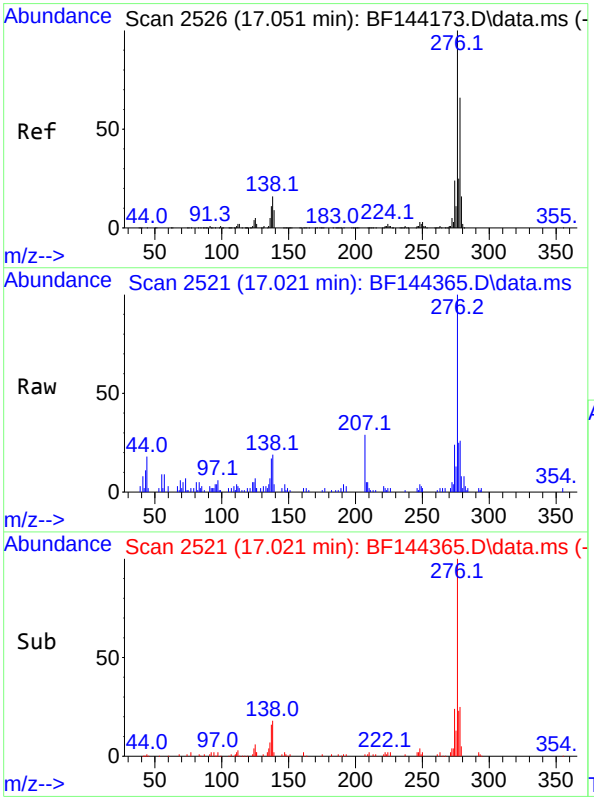
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 17.1 | 25.7 |
| 265 | 20.9 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

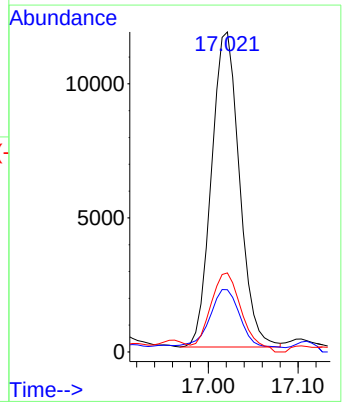
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

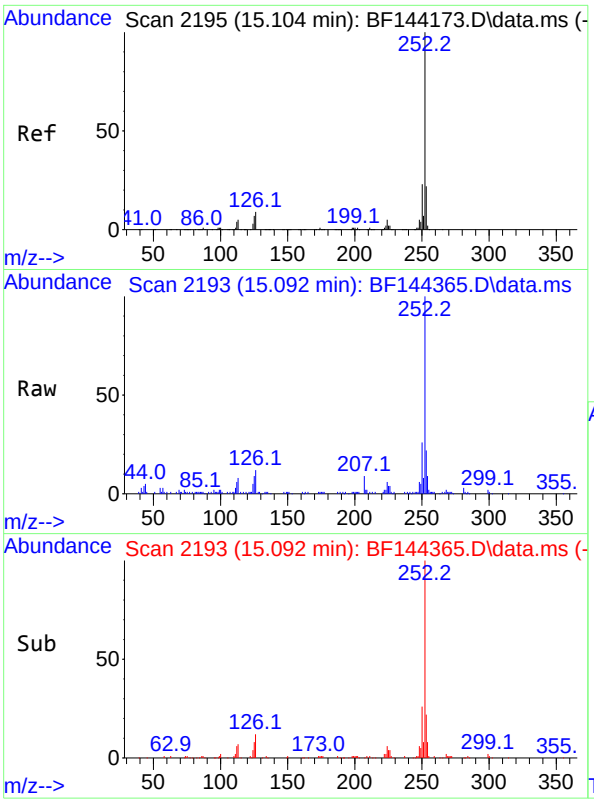



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.020 ng
RT: 17.021 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:276 Resp: 25485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.9 | 13.9 | 20.9# |
| 277 | 28.0 | 19.8 | 29.6 |

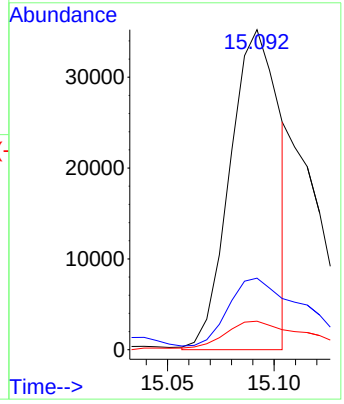





#88
Benzo(b)fluoranthene
Concen: 5.655 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:252 Resp: 5650

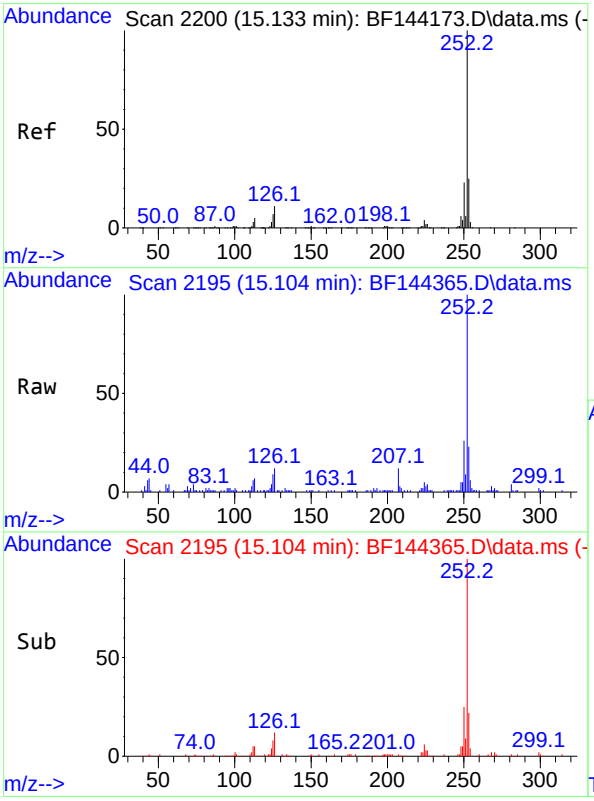
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.4 | 26.2 |
| 125 | 8.9 | 5.3 | 7.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

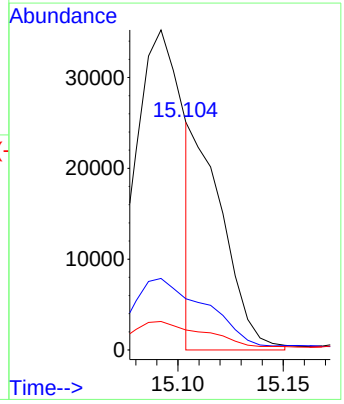
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

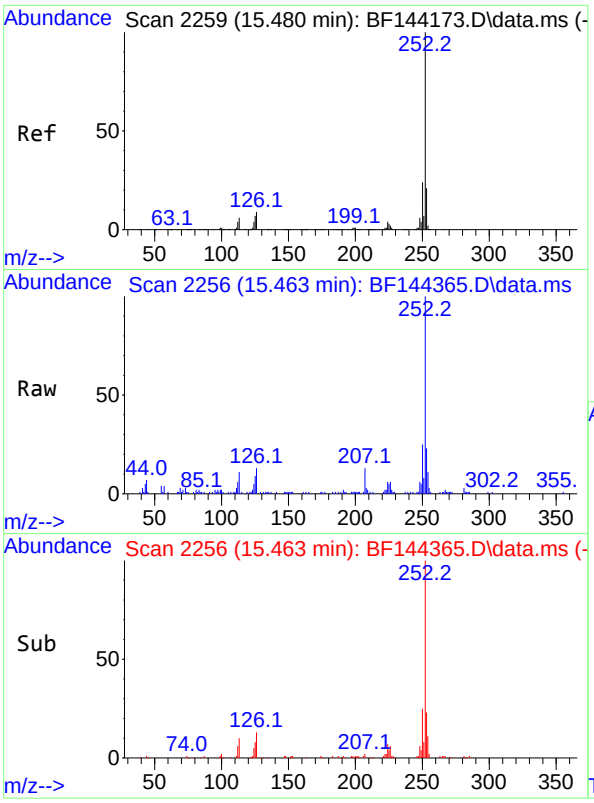



#89
Benzo(k)fluoranthene
Concen: 2.701 ng m
RT: 15.104 min Scan# 2195
Delta R.T. -0.024 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:252 Resp: 25262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.0 | 27.0 |
| 125 | 8.8 | 5.4 | 8.2# |

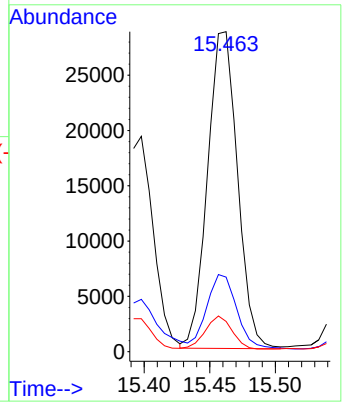





#90
Benzo(a)pyrene
Concen: 4.939 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:252 Resp: 4552

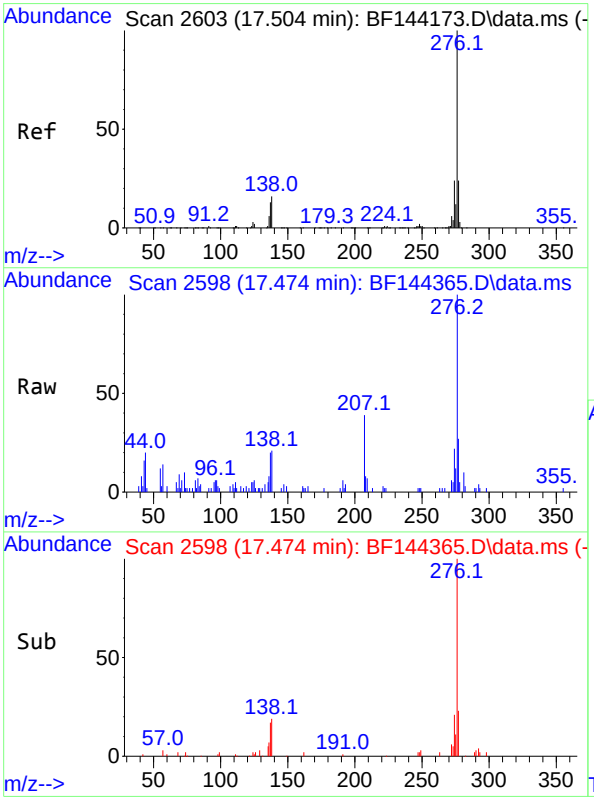
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 16.7 | 25.1 |
| 125 | 9.5 | 5.7 | 8.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

**Manual Integrations**
**APPROVED**

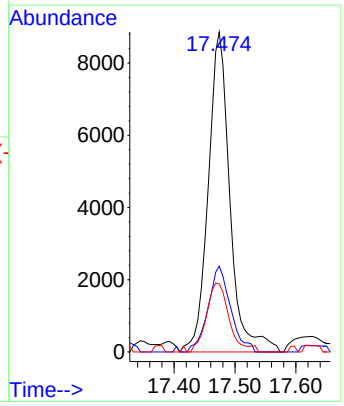
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#92
Benzo(g,h,i)perylene
Concen: 2.191 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:276 Resp: 21925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.8 | 19.0 | 28.4 |
| 138 | 21.3 | 12.9 | 19.3# |



Sample Results: **BF144365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144365.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 500 | rBV | 215976 | 320261 | 27.89% | 3.024% |
| 2 | 5.487 | 554 | 560 | 584 | rBV | 726240 | 1002884 | 87.33% | 9.471% |
| 3 | 6.493 | 726 | 731 | 759 | rBV | 756957 | 1036732 | 90.27% | 9.791% |
| 4 | 6.863 | 789 | 794 | 802 | rBV | 251044 | 325245 | 28.32% | 3.072% |
| 5 | 7.422 | 884 | 889 | 905 | rBV | 498916 | 649136 | 56.52% | 6.130% |
| 6 | 8.139 | 1003 | 1011 | 1019 | rBV | 316352 | 435896 | 37.96% | 4.117% |
| 7 | 9.216 | 1189 | 1194 | 1204 | rBV | 908023 | 1148437 | 100.00% | 10.846% |
| 8 | 9.898 | 1305 | 1310 | 1319 | rVB | 373833 | 477886 | 41.61% | 4.513% |
| 9 | 10.004 | 1324 | 1328 | 1335 | rBV2 | 9494 | 20678 | 1.80% | 0.195% |
| 10 | 10.151 | 1349 | 1353 | 1361 | rBV | 18385 | 29337 | 2.55% | 0.277% |
| 11 | 10.304 | 1371 | 1379 | 1388 | rBV6 | 20522 | 52618 | 4.58% | 0.497% |
| 12 | 10.616 | 1427 | 1432 | 1439 | rBV | 90252 | 115307 | 10.04% | 1.089% |
| 13 | 10.692 | 1440 | 1445 | 1460 | rVB | 527824 | 687147 | 59.83% | 6.489% |
| 14 | 11.392 | 1558 | 1564 | 1572 | rBV | 322525 | 455635 | 39.67% | 4.303% |
| 15 | 11.469 | 1573 | 1577 | 1580 | rBV | 10370 | 13055 | 1.14% | 0.123% |
| 16 | 11.580 | 1589 | 1596 | 1599 | rBV | 12447 | 20794 | 1.81% | 0.196% |
| 17 | 11.839 | 1636 | 1640 | 1644 | rBV3 | 10050 | 13843 | 1.21% | 0.131% |
| 18 | 11.916 | 1645 | 1653 | 1660 | rBV2 | 139994 | 220697 | 19.22% | 2.084% |
| 19 | 12.010 | 1665 | 1669 | 1677 | rVB3 | 17965 | 40470 | 3.52% | 0.382% |
| 20 | 12.445 | 1739 | 1743 | 1746 | rBV | 11099 | 14234 | 1.24% | 0.134% |
| 21 | 12.610 | 1766 | 1771 | 1775 | rBV | 100421 | 135432 | 11.79% | 1.279% |
| 22 | 12.704 | 1782 | 1787 | 1793 | rBV2 | 26364 | 37144 | 3.23% | 0.351% |
| 23 | 12.839 | 1803 | 1810 | 1816 | rVB | 84752 | 121938 | 10.62% | 1.152% |
| 24 | 12.892 | 1816 | 1819 | 1824 | rVB4 | 8537 | 12109 | 1.05% | 0.114% |
| 25 | 12.980 | 1825 | 1834 | 1841 | rVB | 641006 | 846315 | 73.69% | 7.992% |
| 26 | 13.057 | 1841 | 1847 | 1854 | rBV4 | 13969 | 30934 | 2.69% | 0.292% |
| 27 | 13.163 | 1859 | 1865 | 1870 | rVV | 17069 | 33259 | 2.90% | 0.314% |
| 28 | 13.233 | 1874 | 1877 | 1880 | rVV | 11389 | 14555 | 1.27% | 0.137% |
| 29 | 13.269 | 1880 | 1883 | 1889 | rVB2 | 15814 | 23154 | 2.02% | 0.219% |
| 30 | 13.398 | 1902 | 1905 | 1912 | rVB2 | 9800 | 15692 | 1.37% | 0.148% |
| 31 | 13.680 | 1945 | 1953 | 1959 | rBV | 16341 | 31742 | 2.76% | 0.300% |
| 32 | 13.792 | 1967 | 1972 | 1974 | rBV | 13259 | 21009 | 1.83% | 0.198% |
| 33 | 13.880 | 1982 | 1987 | 1995 | rVB4 | 52038 | 102715 | 8.94% | 0.970% |
| 34 | 14.039 | 2008 | 2014 | 2027 | rBV2 | 333801 | 593759 | 51.70% | 5.607% |
| 35 | 14.192 | 2036 | 2040 | 2048 | rBV2 | 16727 | 31988 | 2.79% | 0.302% |
| 36 | 14.427 | 2076 | 2080 | 2084 | rBV | 23126 | 32399 | 2.82% | 0.306% |

Sample Results: **BF144365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.516 | 2089 | 2095 | 2099 | rBV5 | 25816 | 55453 | 4.83% | 0.524% |
| 38 | 14.880 | 2154 | 2157 | 2162 | rVB | 23206 | 30656 | 2.67% | 0.290% |
| 39 | 15.092 | 2187 | 2193 | 2200 | rBV | 93835 | 219349 | 19.10% | 2.071% |
| 40 | 15.198 | 2208 | 2211 | 2220 | rVB | 29992 | 54490 | 4.74% | 0.515% |
| 41 | 15.398 | 2240 | 2245 | 2251 | rVB | 49346 | 81186 | 7.07% | 0.767% |
| 42 | 15.457 | 2251 | 2255 | 2260 | rVV | 75903 | 118278 | 10.30% | 1.117% |
| 43 | 15.521 | 2260 | 2266 | 2280 | rVB | 284316 | 499848 | 43.52% | 4.720% |
| 44 | 15.968 | 2337 | 2342 | 2347 | rBV | 32433 | 52937 | 4.61% | 0.500% |
| 45 | 16.480 | 2424 | 2429 | 2441 | rBV3 | 27379 | 66169 | 5.76% | 0.625% |
| 46 | 17.021 | 2515 | 2521 | 2527 | rBV2 | 35533 | 71628 | 6.24% | 0.676% |
| 47 | 17.174 | 2540 | 2547 | 2557 | rBV9 | 34747 | 119365 | 10.39% | 1.127% |
| 48 | 17.474 | 2593 | 2598 | 2609 | rVB | 22895 | 55123 | 4.80% | 0.521% |

Sum of corrected areas: 10588918

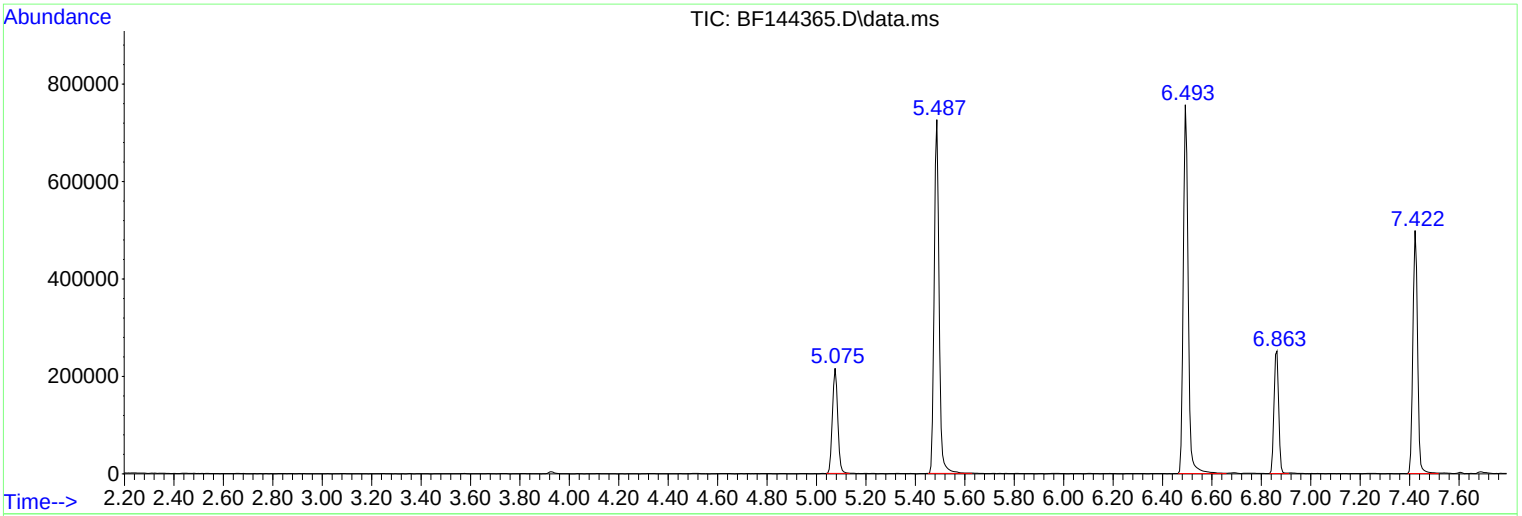
Sample Results: **BF144365.D**

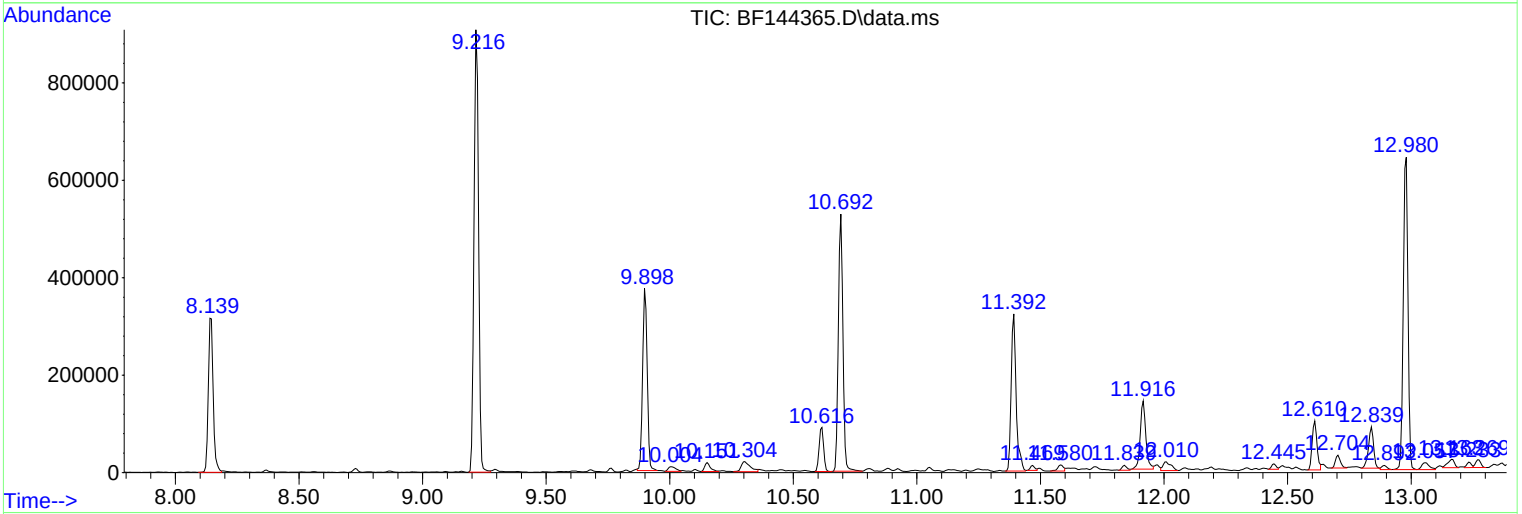
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

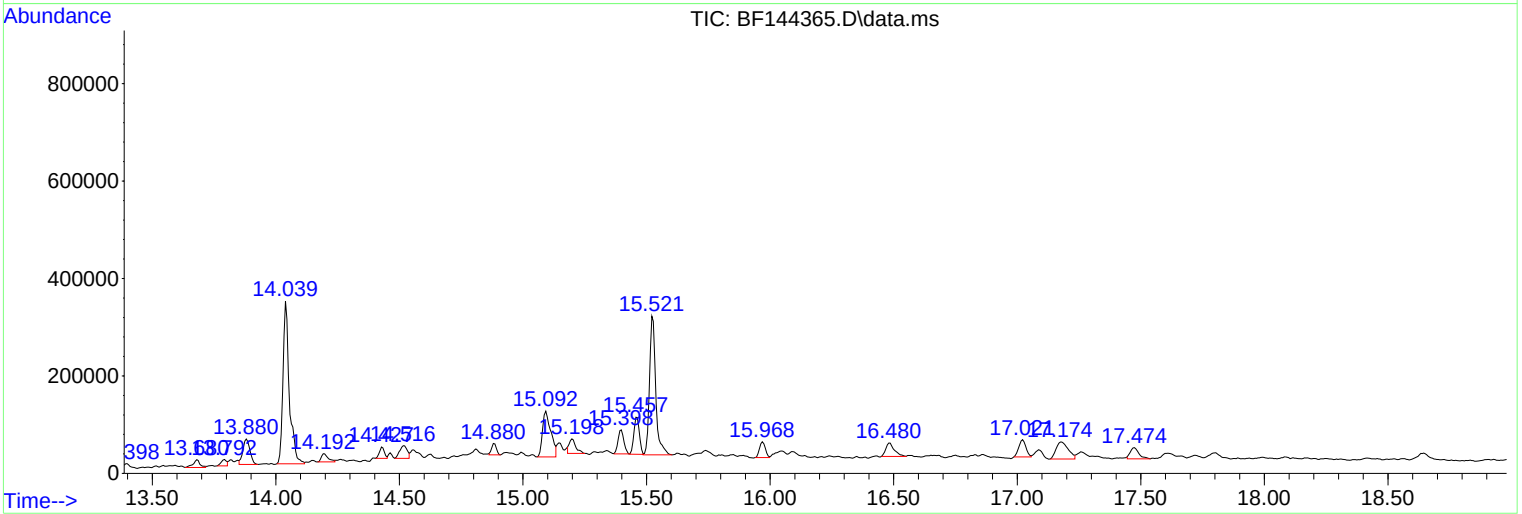
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

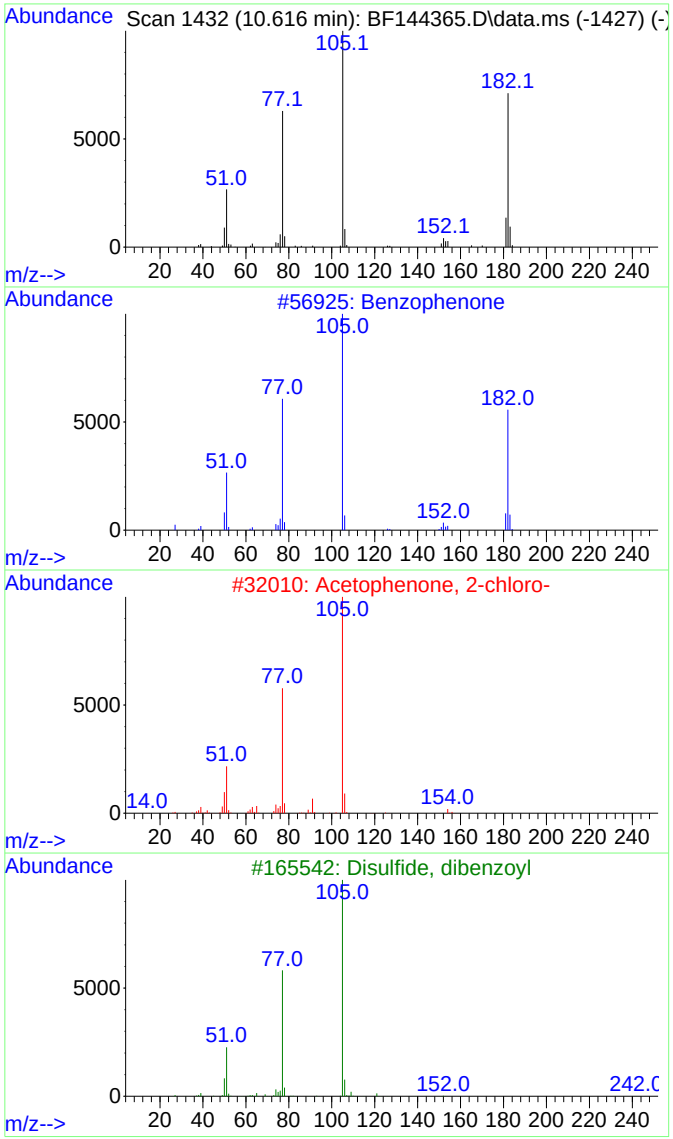
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

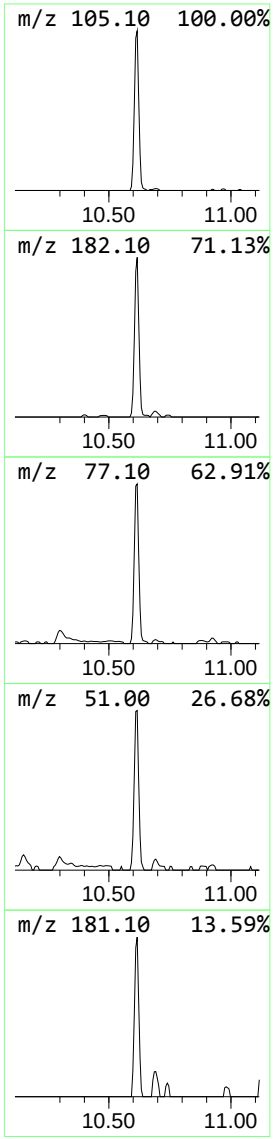
**********

Peak Number 3 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 4.83 ng | 115307 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 46 |
| 3 | Disulfide, dibenzoyl | 274 | C14H10O2S2 | 000644-32-6 | 43 |
| 4 | N-(1-Cyanovinyl)benzamide | 172 | C10H8N2O | 1000186-19-1 | 43 |
| 5 | N-Methoxy-N-methylbenzamide | 165 | C9H11NO2 | 006919-61-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

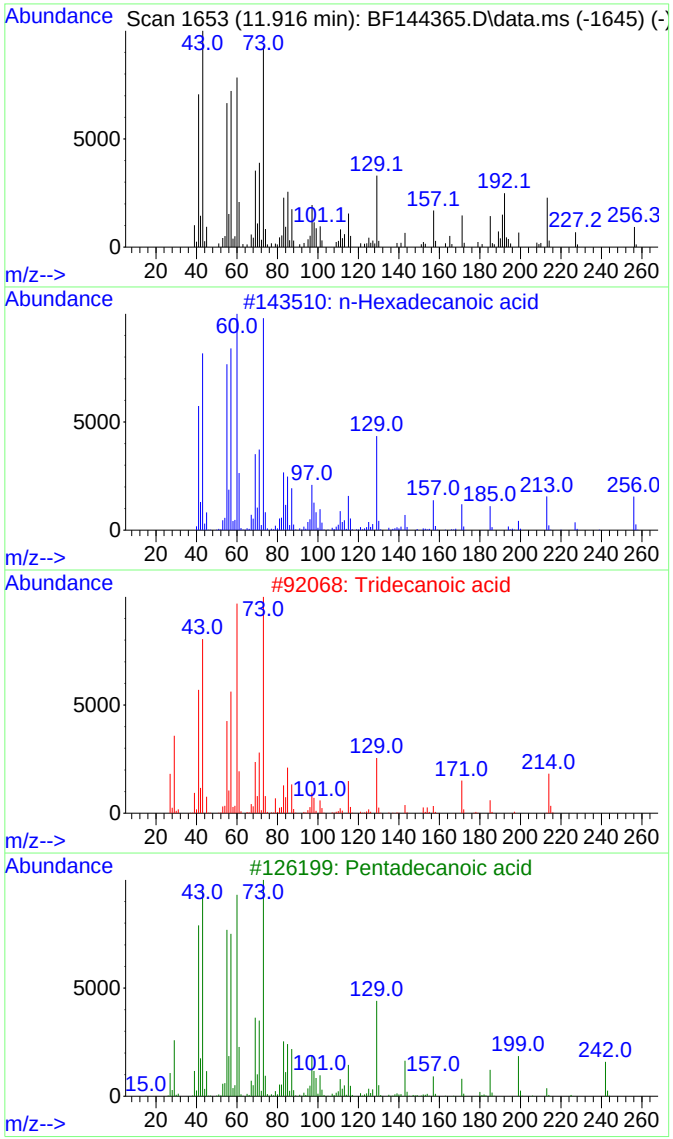
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

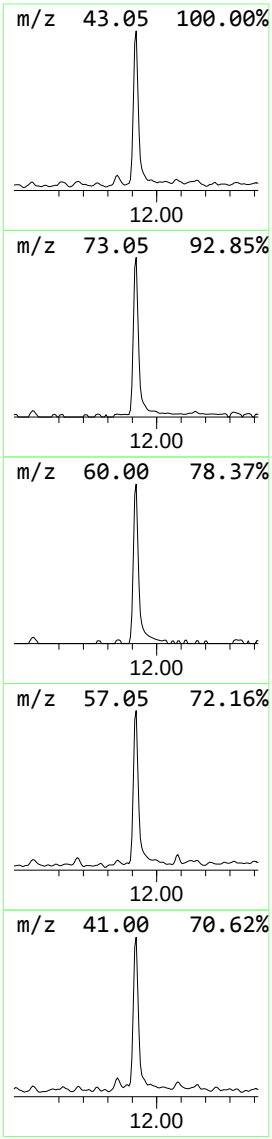
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 9.69 ng | 220697 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 52 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

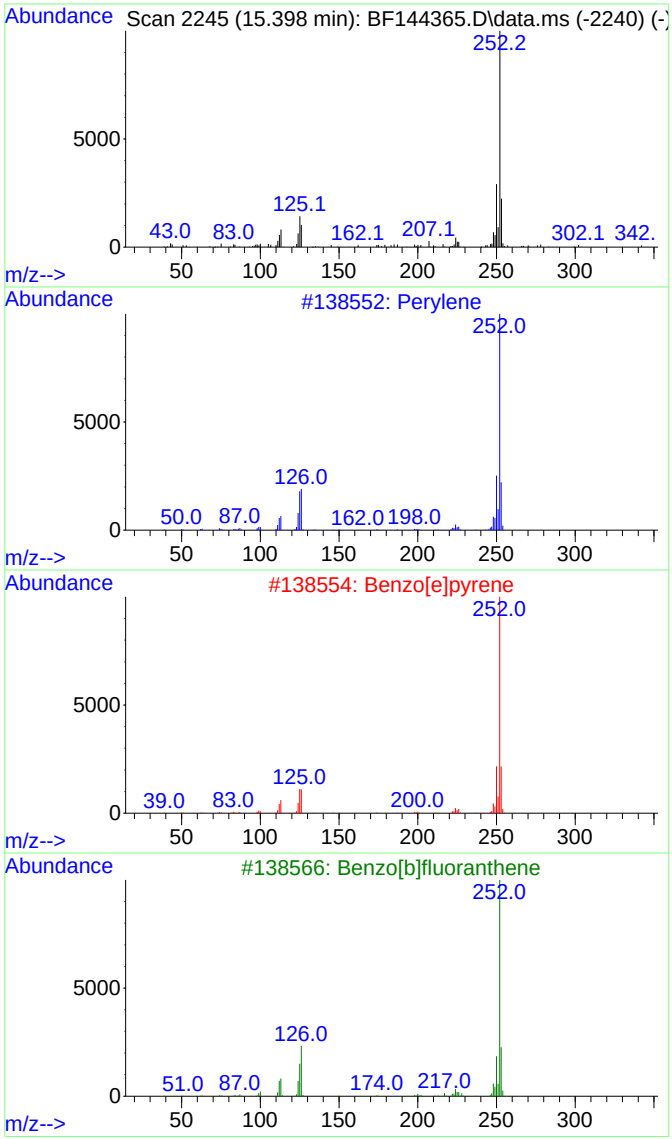
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

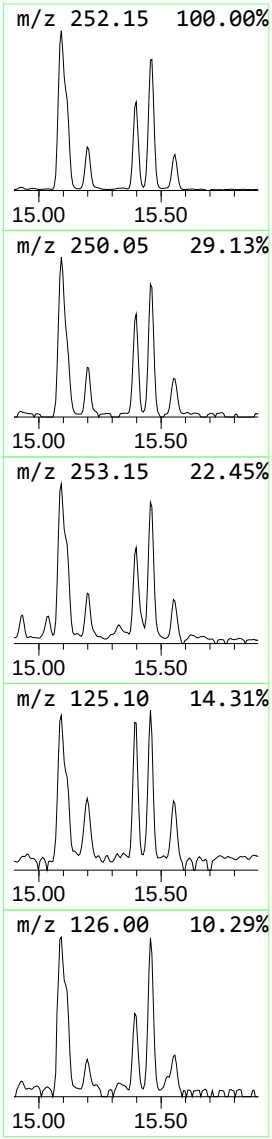
**********

Peak Number 7 Perylene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.398 | 3.25 ng | 81186 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 93 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 93 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 91 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

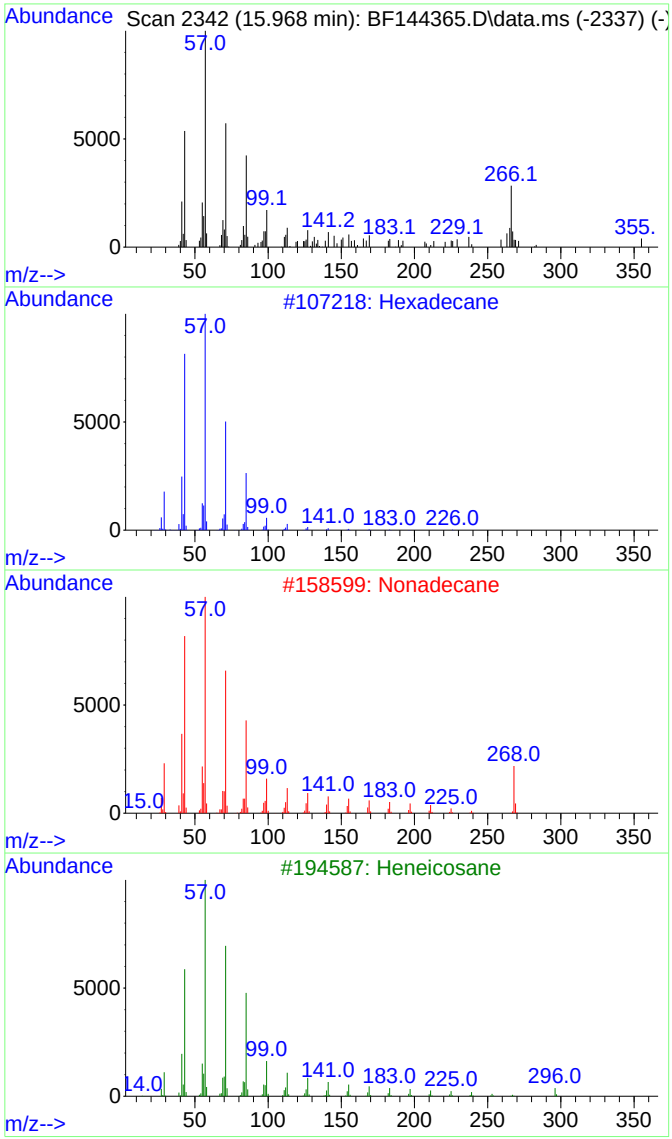
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

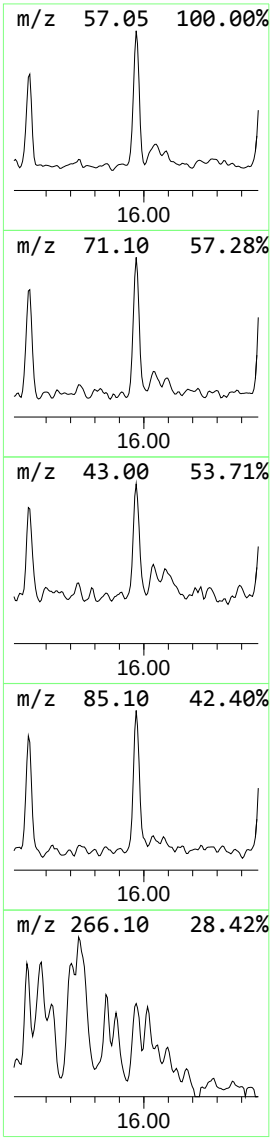
**********

Peak Number 8 Hexadecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.968 | 2.12 ng | 52937 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 92 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 70 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 70 |
| 5 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

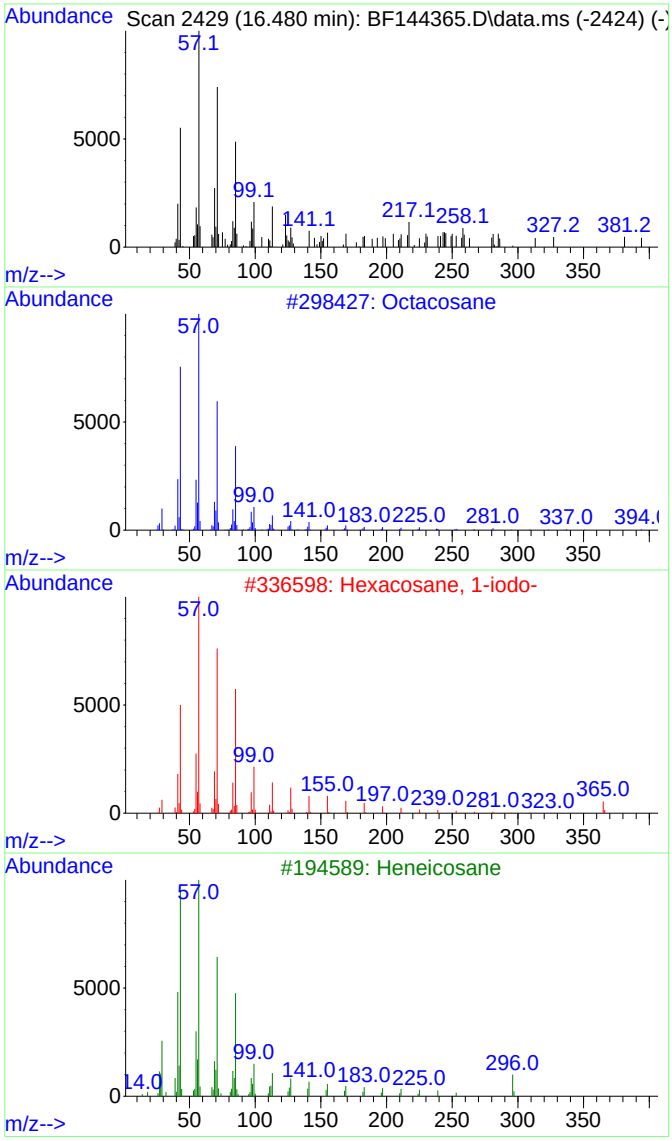
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

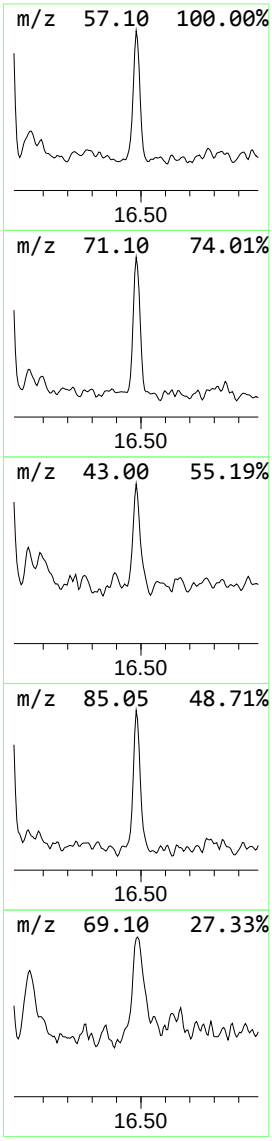
**********

Peak Number 9 Octacosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.480 | 2.65 ng | 66169 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 99 |
| 2 | Hexacosane, 1-iodo- | 492 | C26H53I | 1000406-32-1 | 81 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 81 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 74 |
| 5 | Tetracosane, 1-iodo- | 464 | C24H49I | 1000406-32-0 | 74 |



Sample Results: **BF144365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 4.8 | ng | 115307 | 3 | 9.898 | 477886 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 9.7 | ng | 220697 | 4 | 11.392 | 455635 | 20.0 |
| Perylene | 15.398 | 3.3 | ng | 81186 | 6 | 15.521 | 499848 | 20.0 |
| Hexadecane | 15.968 | 2.1 | ng | 52937 | 6 | 15.521 | 499848 | 20.0 |
| Octacosane | 16.480 | 2.6 | ng | 66169 | 6 | 15.521 | 499848 | 20.0 |

Raw Data: **BF144366.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-11B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-04 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.2 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 170 | U | 1 | 170 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 108-95-2 | Phenol | 24.7 | U | 1 | 24.7 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 27.2 | U | 1 | 27.2 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 27.3 | U | 1 | 27.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 95-48-7 | 2-Methylphenol | 33.4 | U | 1 | 33.4 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 41.9 | U | 1 | 41.9 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 98-86-2 | Acetophenone | 33.0 | U | 1 | 33.0 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 46.0 | U | 1 | 46.0 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 53.0 | U | 1 | 53.0 | 89.5 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 67-72-1 | Hexachloroethane | 19.7 | U | 1 | 19.7 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 98-95-3 | Nitrobenzene | 20.5 | U | 1 | 20.5 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 78-59-1 | Isophorone | 36.7 | U | 1 | 36.7 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 65.1 | U | 1 | 65.1 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 72.5 | U | 1 | 72.5 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 34.4 | U | 1 | 34.4 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 31.7 | U | 1 | 31.7 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 91-20-3 | Naphthalene | 79.3 | J | 1 | 25.4 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 39.6 | U | 1 | 39.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 28.3 | U | 1 | 28.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 105-60-2 | Caprolactam | 58.3 | U | 1 | 58.3 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 32.1 | U | 1 | 32.1 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 28.6 | U | 1 | 28.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.1 | U | 1 | 22.1 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 32.5 | U | 1 | 32.5 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 24.4 | U | 1 | 24.4 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 25.2 | U | 1 | 25.2 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 53.8 | U | 1 | 53.8 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 131-11-3 | Dimethylphthalate | 30.3 | U | 1 | 30.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 208-96-8 | Acenaphthylene | 32.3 | U | 1 | 32.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 37.6 | U | 1 | 37.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 51.4 | U | 1 | 51.4 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 83-32-9 | Acenaphthene | 23.8 | U | 1 | 23.8 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 132-64-9 | Dibenzofuran | 25.4 | U | 1 | 25.4 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 56.0 | U | 1 | 56.0 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 84-66-2 | Diethylphthalate | 31.7 | U | 1 | 31.7 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 29.9 | U | 1 | 29.9 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 86-73-7 | Fluorene | 28.3 | U | 1 | 28.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 71.8 | U | 1 | 71.8 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |

Raw Data: **BF144366.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-11B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-04 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.2 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 36.8 | U | 1 | 36.8 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 31.1 | U | 1 | 31.1 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 28.3 | U | 1 | 28.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 1912-24-9 | Atrazine | 38.0 | U | 1 | 38.0 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 87-86-5 | Pentachlorophenol | 57.4 | U | 1 | 57.4 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 85-01-8 | Phenanthrene | 180 | J | 1 | 23.4 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 120-12-7 | Anthracene | 37.2 | U | 1 | 37.2 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 86-74-8 | Carbazole | 34.9 | U | 1 | 34.9 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 53.6 | U | 1 | 53.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 206-44-0 | Fluoranthene | 240 | | 1 | 33.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 129-00-0 | Pyrene | 180 | J | 1 | 40.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 79.9 | U | 1 | 79.9 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 41.0 | U | 1 | 41.0 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 150 | J | 1 | 25.7 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 218-01-9 | Chrysene | 130 | J | 1 | 22.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 66.2 | U | 1 | 66.2 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 97.1 | U | 1 | 97.1 | 370 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 150 | J | 1 | 21.3 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 25.1 | U | 1 | 25.1 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 130 | J | 1 | 33.0 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 32.5 | U | 1 | 32.5 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 30.6 | U | 1 | 30.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 28.7 | U | 1 | 28.7 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 28.6 | U | 1 | 28.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 50.6 | U | 1 | 50.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 30.6 | U | 1 | 30.6 | 190 | ug/Kg | 11/26/25 17:42 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 74.2 | | | 10 - 105 | 49% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 76.7 | | | 10 - 103 | 51% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 49.4 | | | 10 - 108 | 49% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 50.7 | | | 10 - 108 | 51% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 62.4 | | | 10 - 116 | 42% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 39.9 | | | 10 - 109 | 40% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 54900 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 212000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 116000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 179000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 134000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 179000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 180 | J | | | 10.6 | ug/Kg | | |
| 000638-53-9 | Tridecanoic acid | 200 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144366.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-11B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-04 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.2 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 959092-08-1 | Pentafluoropropionic acid, pentade | 120 | J | | | 13.9 | ug/Kg | | |
| 000192-97-2 | Benzo[e]pyrene | 91.0 | J | | | 15.4 | 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

Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 26 18:01:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 54876 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 211741 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 115910 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 179392 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 133511 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 179241 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 260303 | 74.229 | ng | | 0.00 |
| 7) Phenol-d6 | 6.493 | 99 | 304899 | 76.735 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 181146 | 49.410 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 90825 | 62.443 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 397997 | 50.713 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 335689 | 39.938 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 31) Naphthalene | 8.163 | 128 | 21422 | 2.127 | ng | | 98 |
| 71) Phenanthrene | 11.416 | 178 | 44239 | 4.953 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 60025 | 6.506 | ng | | 95 |
| 78) Pyrene | 12.839 | 202 | 51970 | 4.828 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 36316 | 3.925 | ng | | 93 |
| 83) Chrysene | 14.069 | 228 | 30532 | 3.574 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.086 | 252 | 41033m | 4.027 | ng | | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 32322 | 3.438 | ng | # | 94 |

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

Sample Results: **BF144366.D**

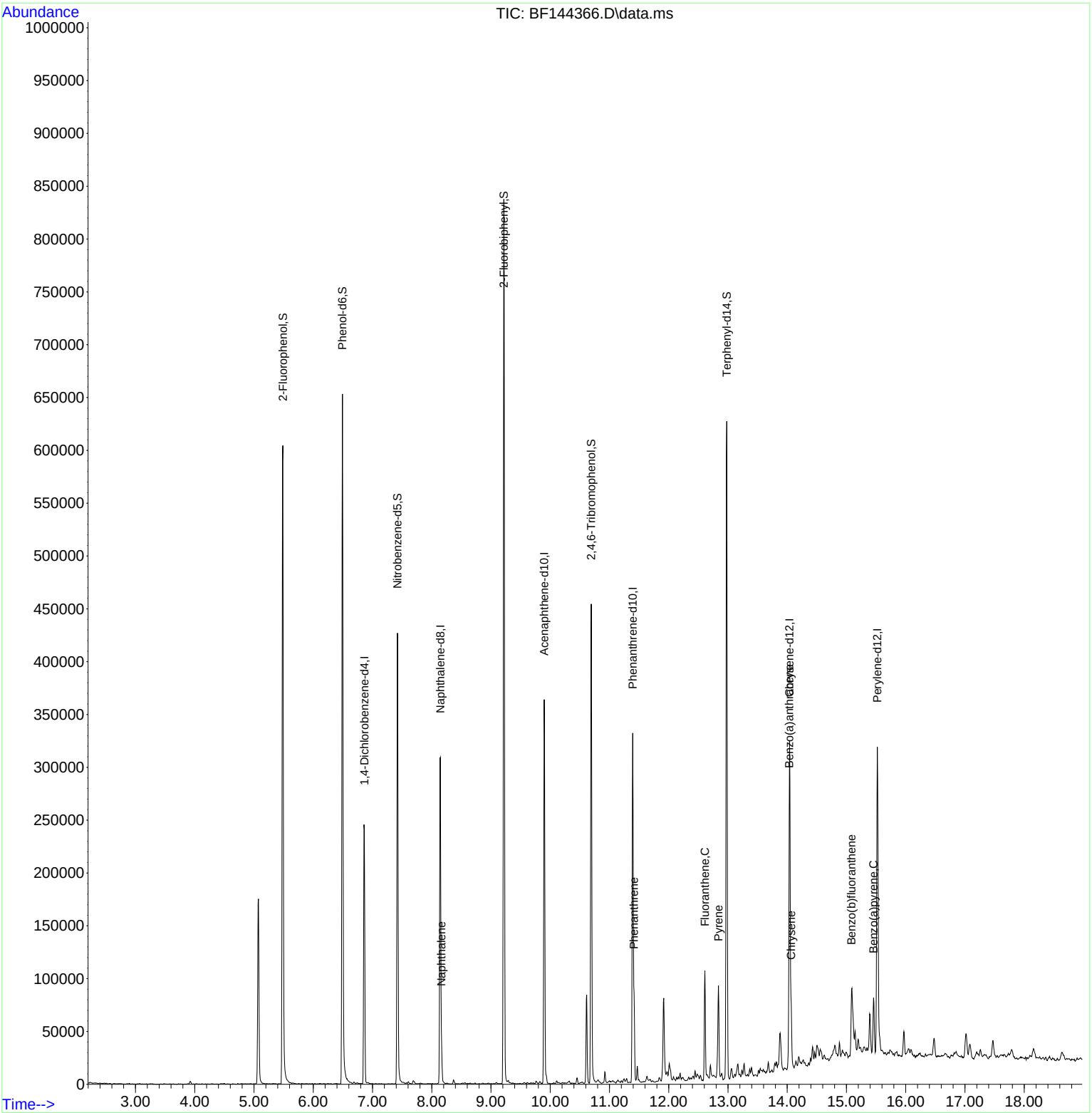
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

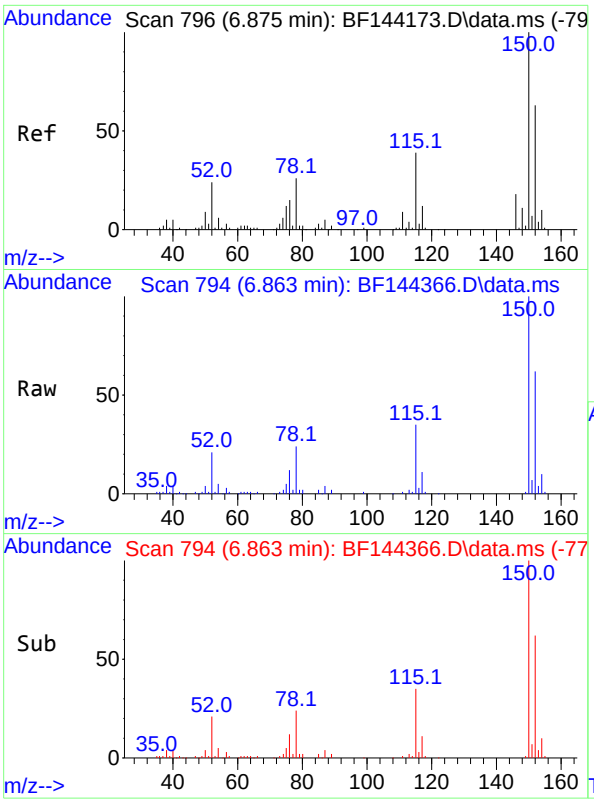
Quant Time: Nov 26 18:01:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

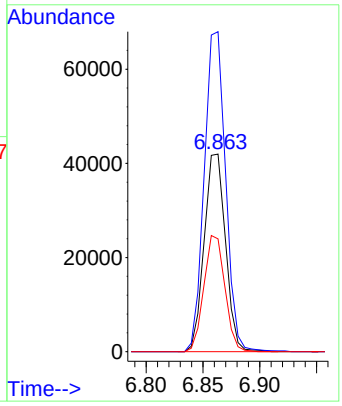





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:152 Resp: 5487

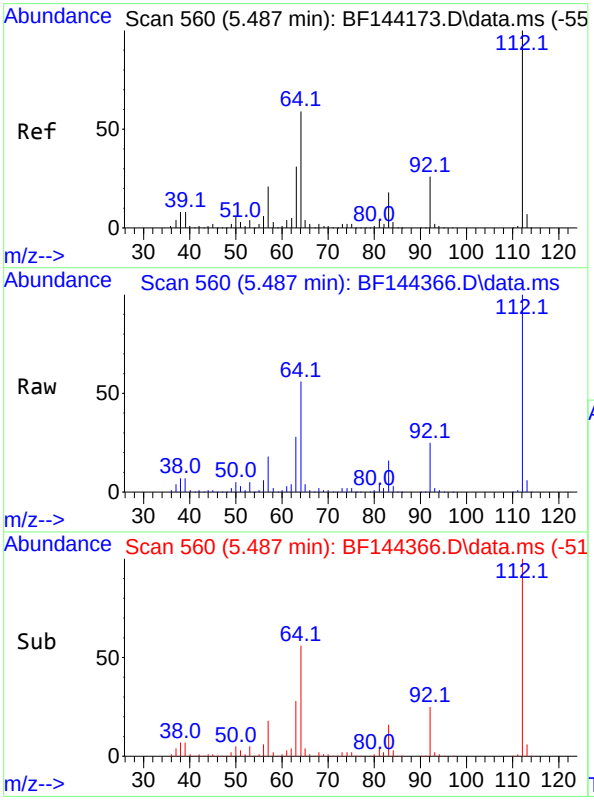
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.0 | 127.4 | 191.0 |
| 115 | 57.1 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

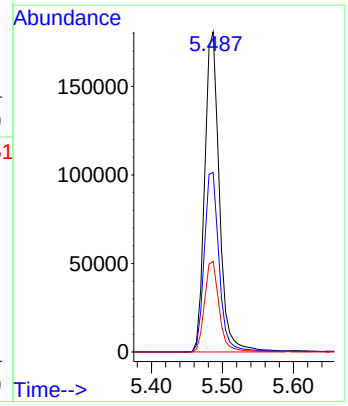
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

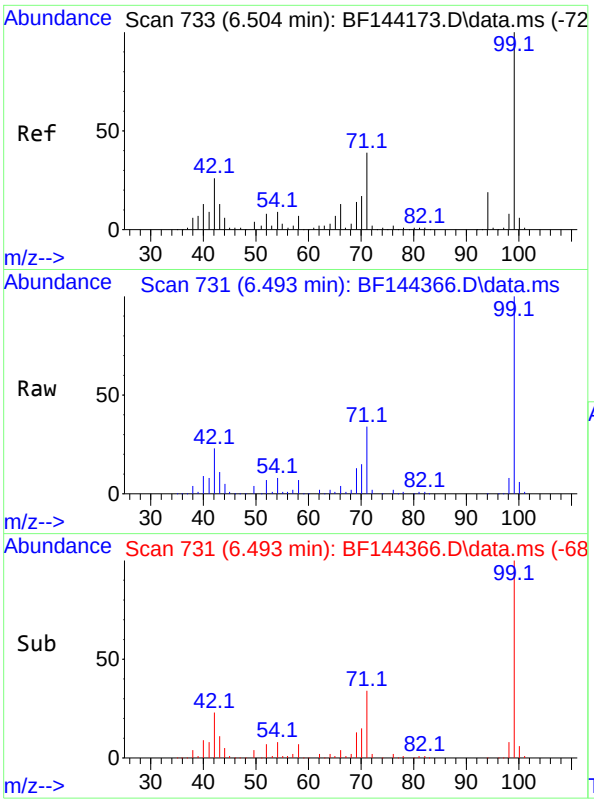



#5
2-Fluorophenol
Concen: 74.229 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:112 Resp: 260303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.2 | 47.2 | 70.8 |
| 63 | 28.3 | 24.4 | 36.6 |

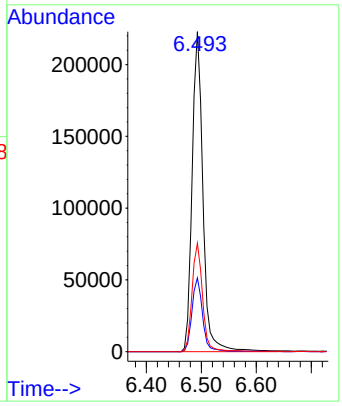





#7
Phenol-d6
Concen: 76.735 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion: 99 Resp: 30489

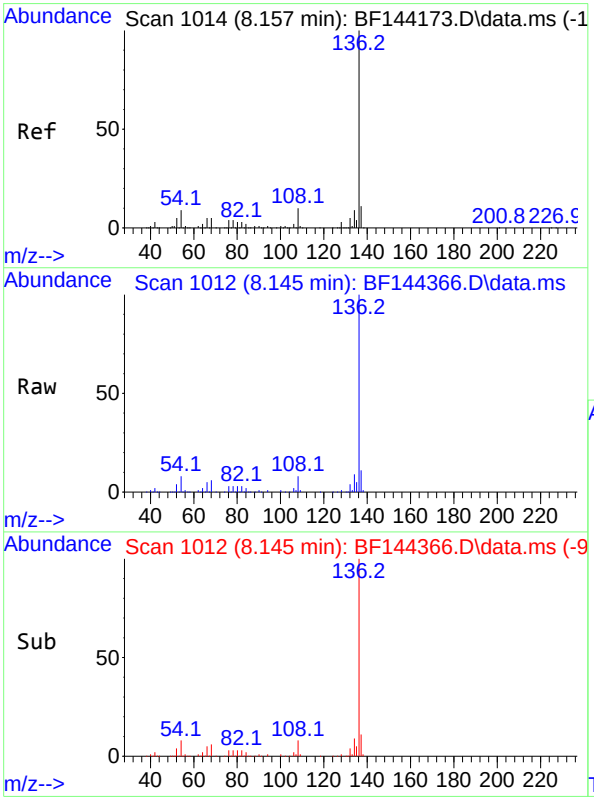
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.0 | 20.9 | 31.3 |
| 71 | 33.9 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

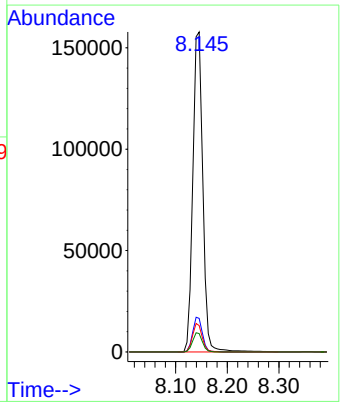
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

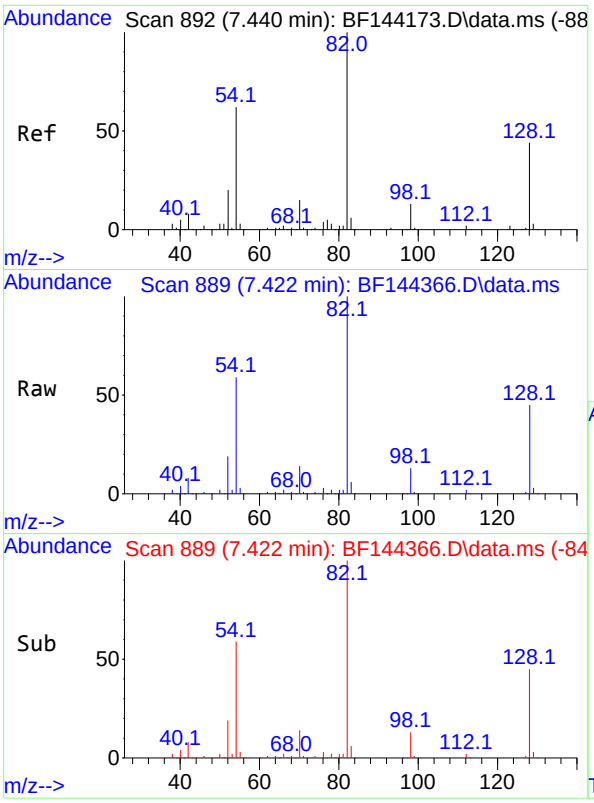



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:136 Resp: 211741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 8.3 | 7.0 | 10.6 |
| 68 | 5.8 | 4.3 | 6.5 |

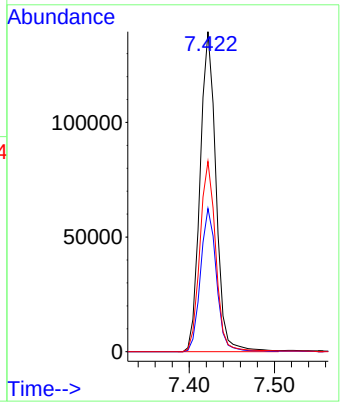





#23
Nitrobenzene-d5
Concen: 49.410 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion: 82 Resp: 18114

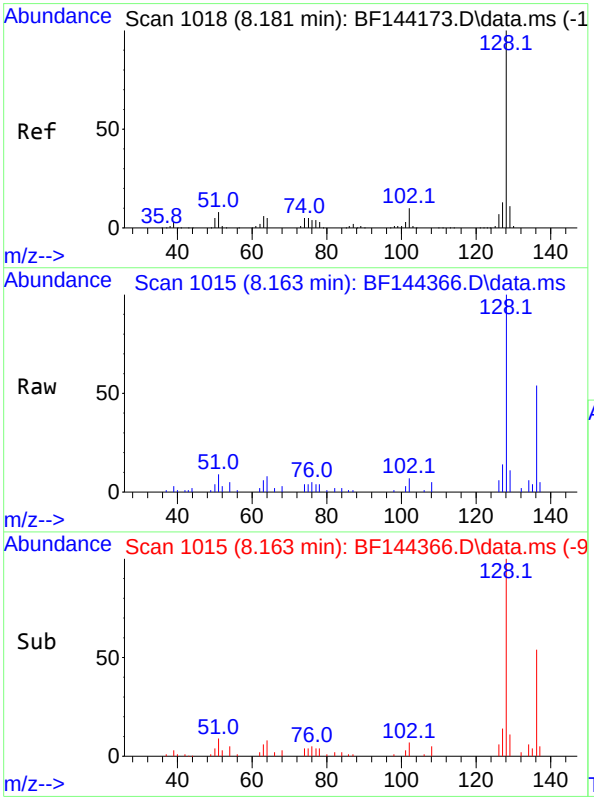
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.8 | 34.7 | 52.1 |
| 54 | 59.5 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

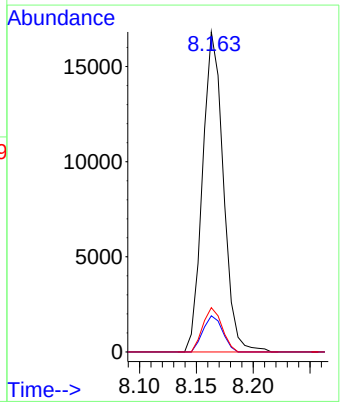
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

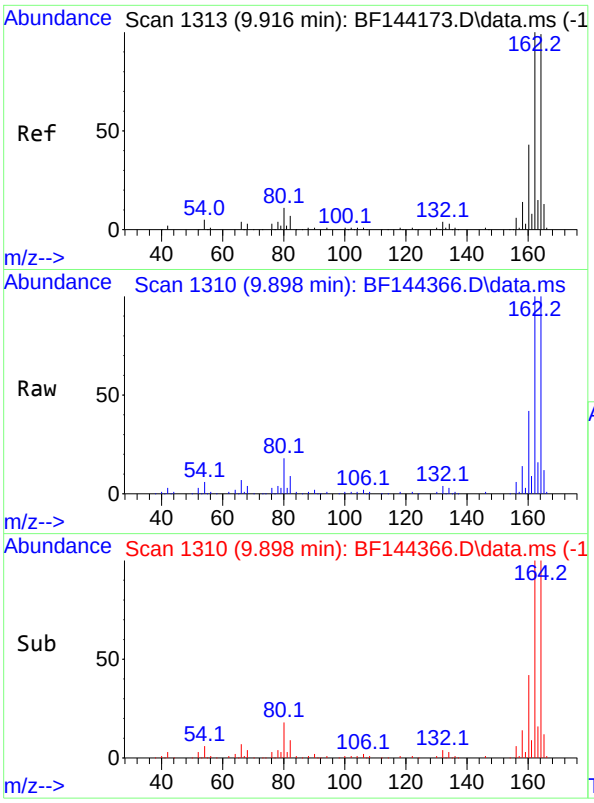



#31
Naphthalene
Concen: 2.127 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:128 Resp: 21422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.9 | 13.3 |
| 127 | 13.9 | 10.3 | 15.5 |

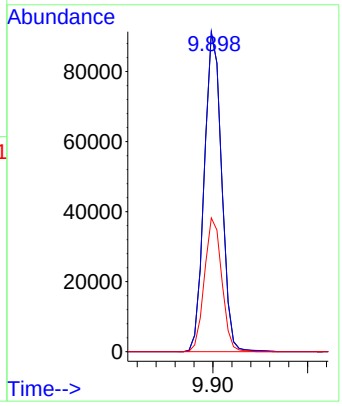





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:164 Resp: 11591

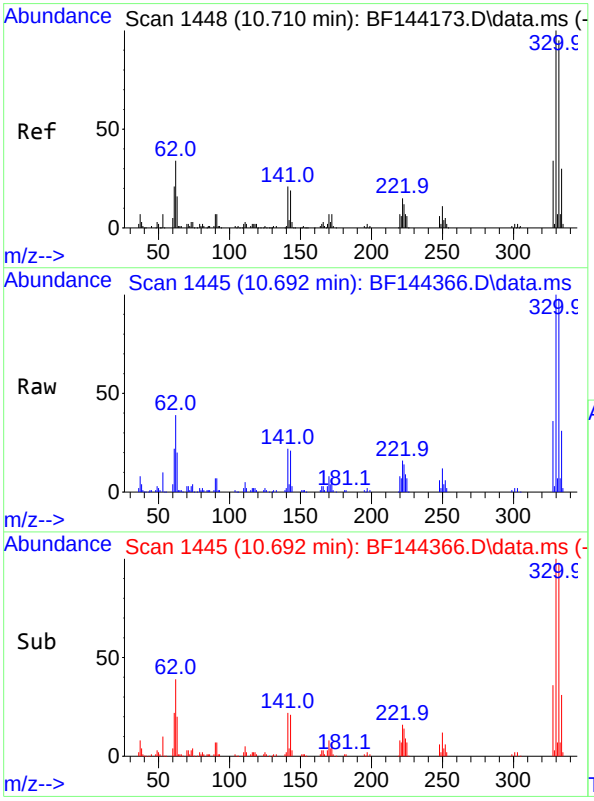
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 81.1 | 121.7 |
| 160 | 42.0 | 34.5 | 51.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

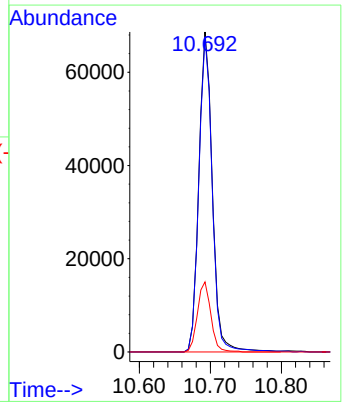
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

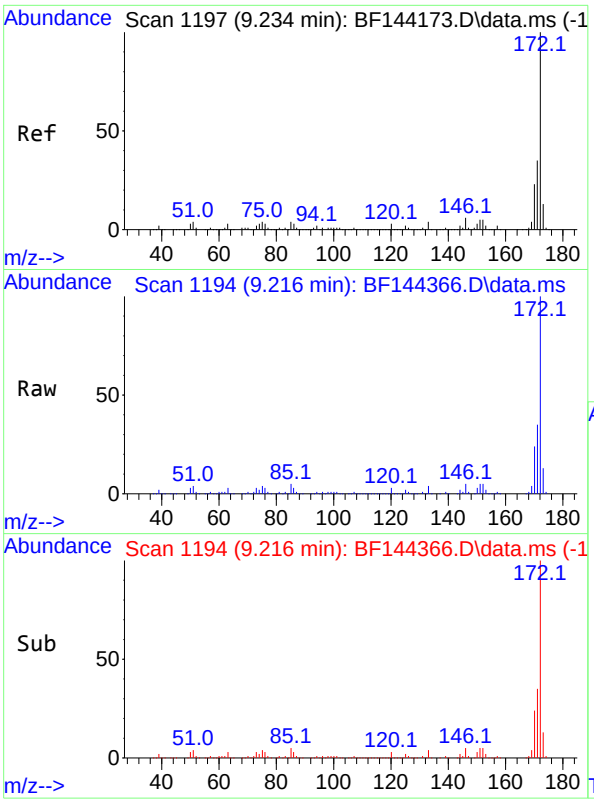



#42
2,4,6-Tribromophenol
Concen: 62.443 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:330 Resp: 90825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 76.7 | 115.1 |
| 141 | 21.8 | 17.8 | 26.8 |

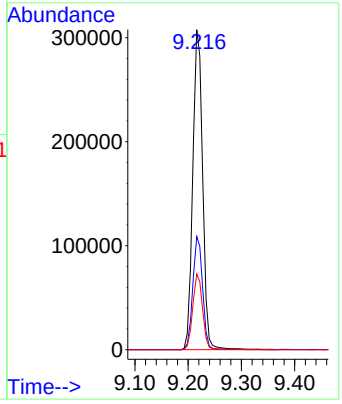





#45
2-Fluorobiphenyl
Concen: 50.713 ng
RT: 9.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:172 Resp: 39799

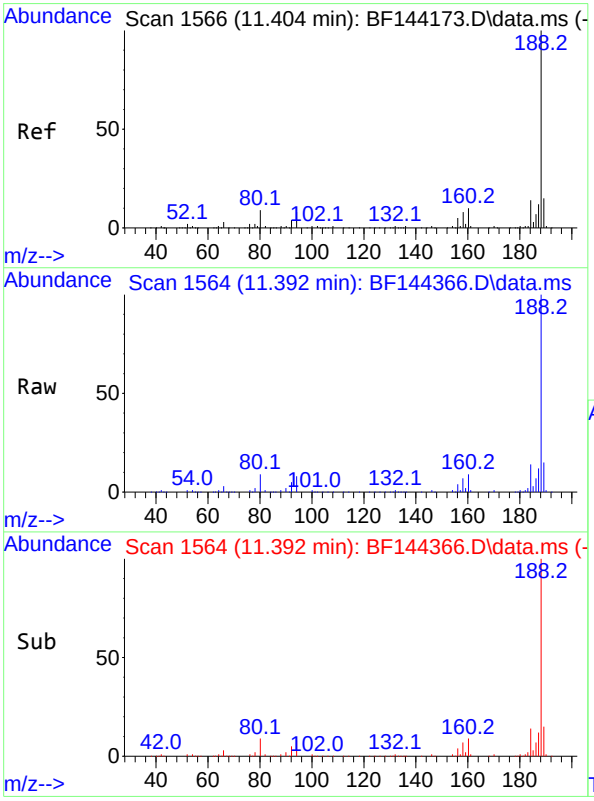
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.1 | 42.1 |
| 170 | 23.6 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

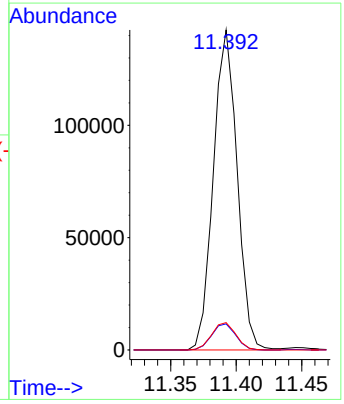
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

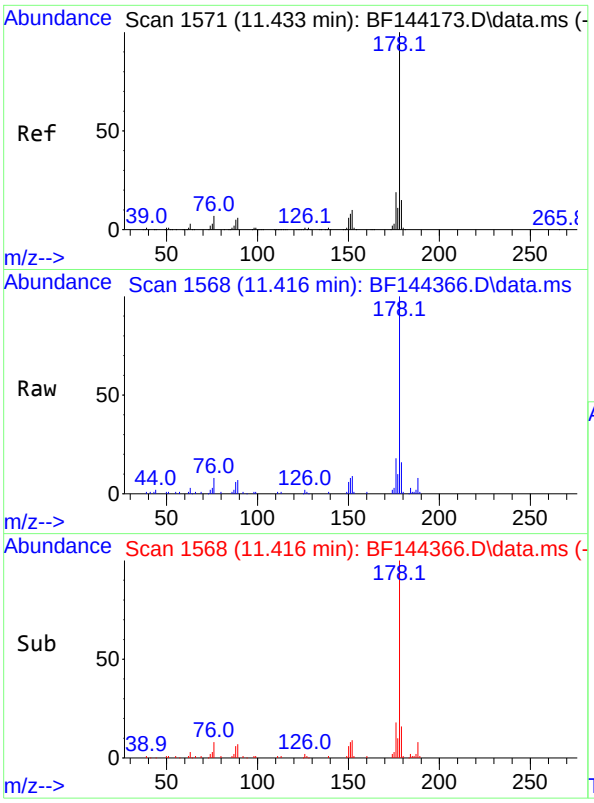



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:188 Resp: 179392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 6.2 | 9.2 |
| 80 | 8.5 | 6.9 | 10.3 |

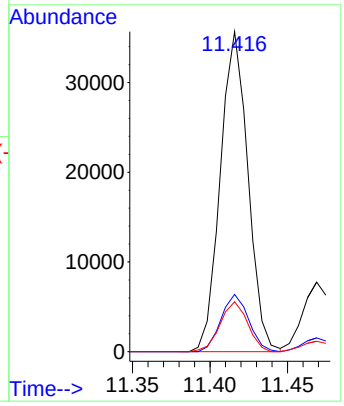





#71
Phenanthrene
Concen: 4.953 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:178 Resp: 4423

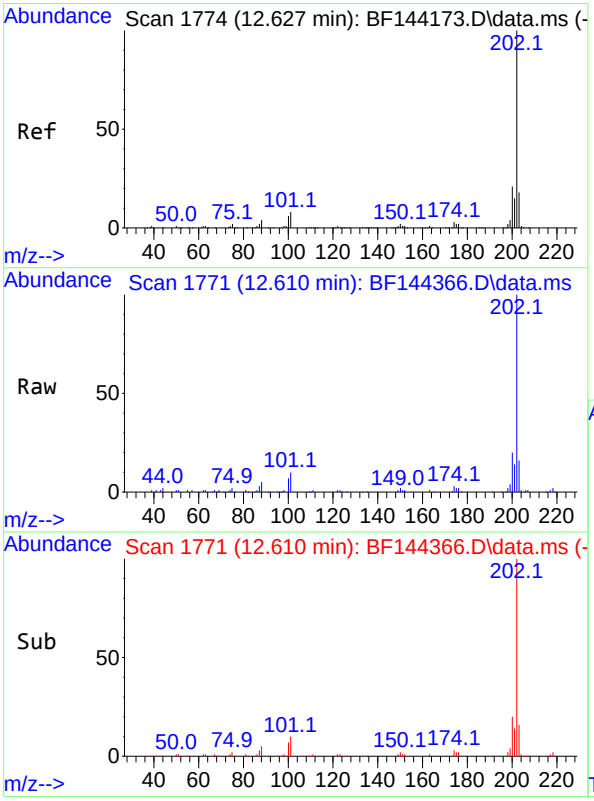
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.9 | 15.5 | 23.3 |
| 179 | 15.6 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

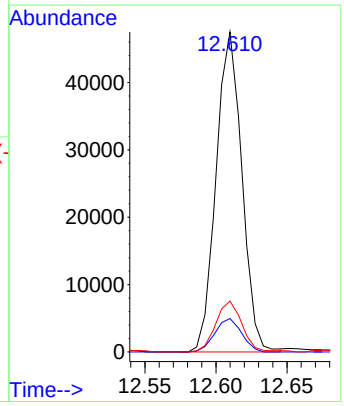
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

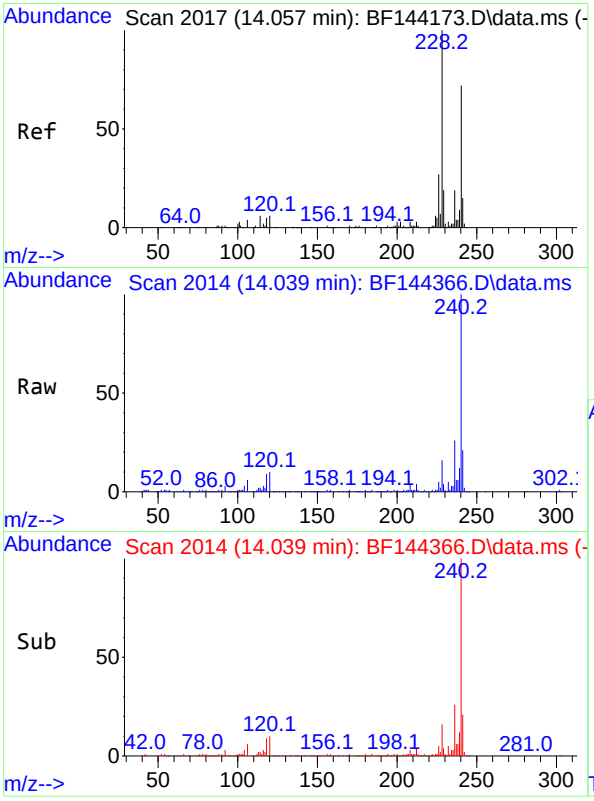



#75
Fluoranthene
Concen: 6.506 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:202 Resp: 60025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.4 | 0.0 | 27.9 |
| 203 | 15.9 | 0.0 | 37.5 |

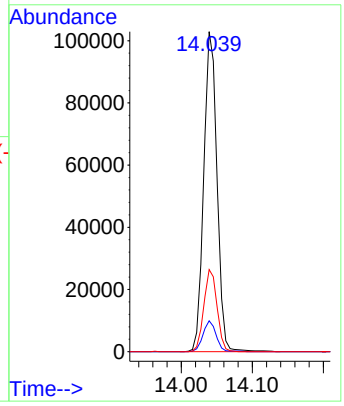





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:240 Resp: 13351

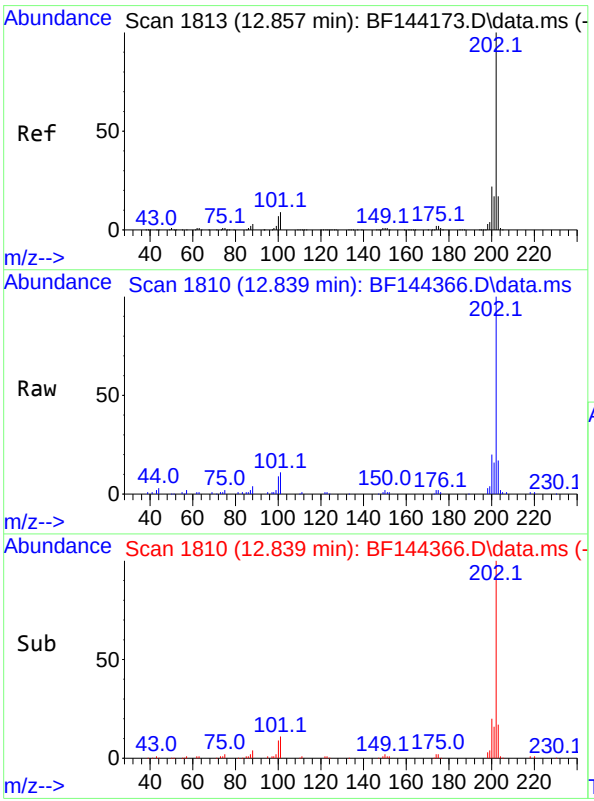
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 6.6 | 10.0 |
| 236 | 25.6 | 21.4 | 32.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

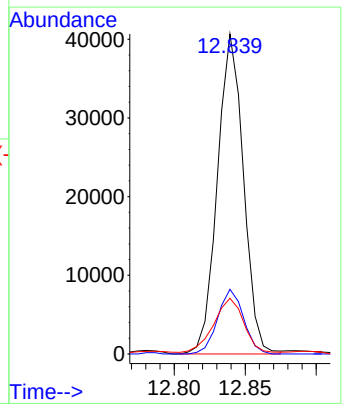
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

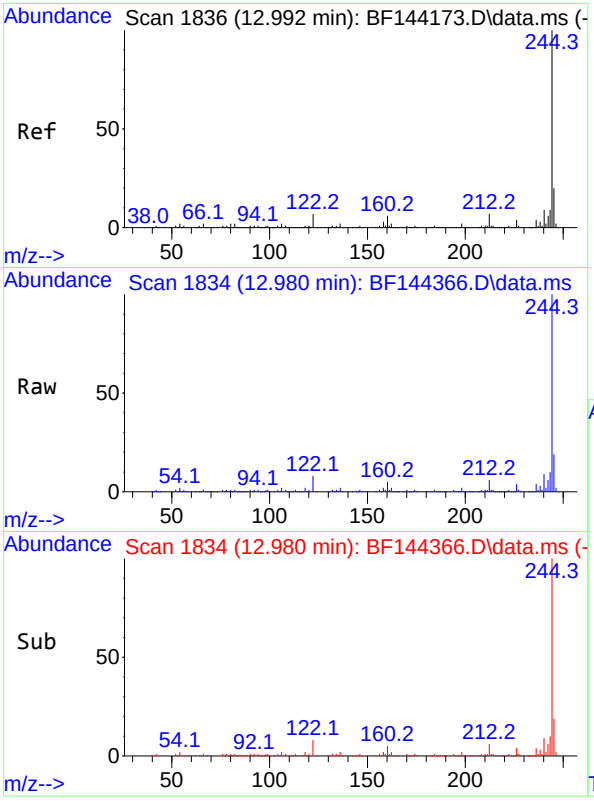



#78
Pyrene
Concen: 4.828 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:202 Resp: 51970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.2 | 17.2 | 25.8 |
| 203 | 17.4 | 13.7 | 20.5 |

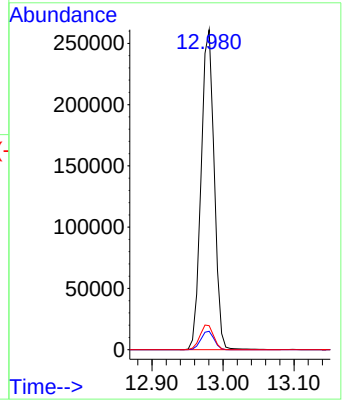





#79
Terphenyl-d14
Concen: 39.938 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:244 Resp: 33568

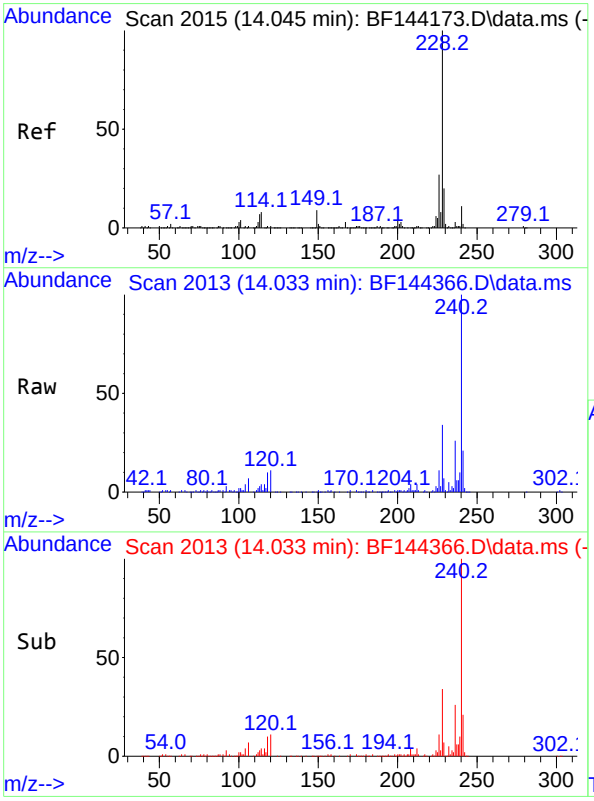
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 5.8 | 5.3 | 7.9 |
| 122 | 7.5 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

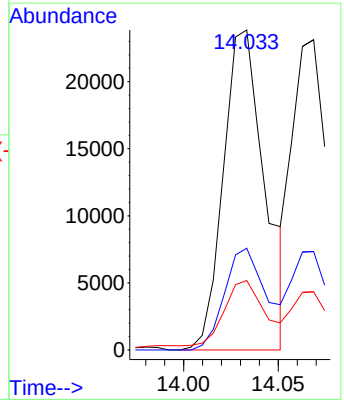
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

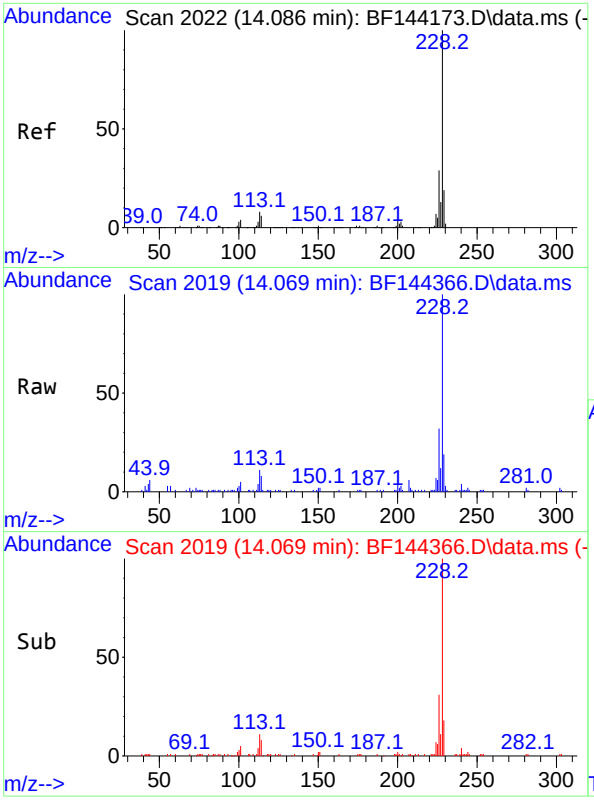



#81
Benzo(a)anthracene
Concen: 3.925 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:228 Resp: 36316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.8 | 21.8 | 32.8 |
| 229 | 21.7 | 15.8 | 23.6 |

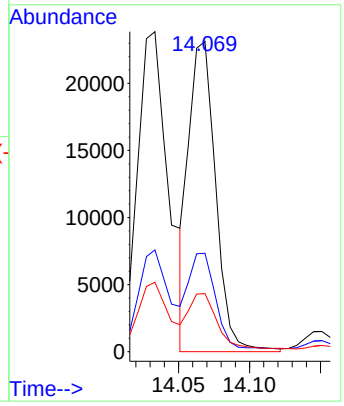





#83
Chrysene
Concen: 3.574 ng
RT: 14.069 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:228 Resp: 3053

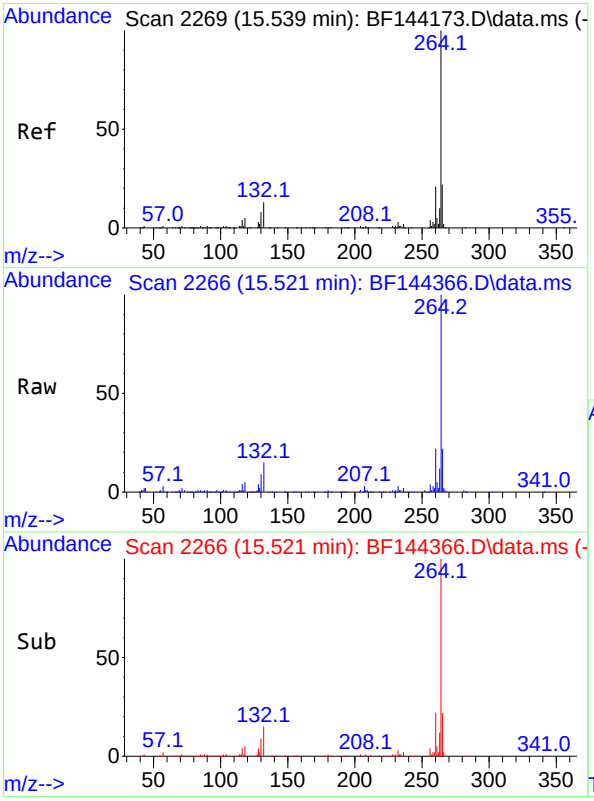
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 22.9 | 34.3 |
| 229 | 18.7 | 15.0 | 22.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

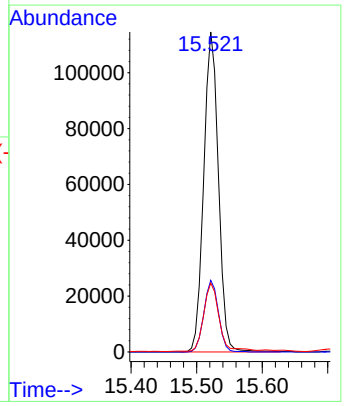
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

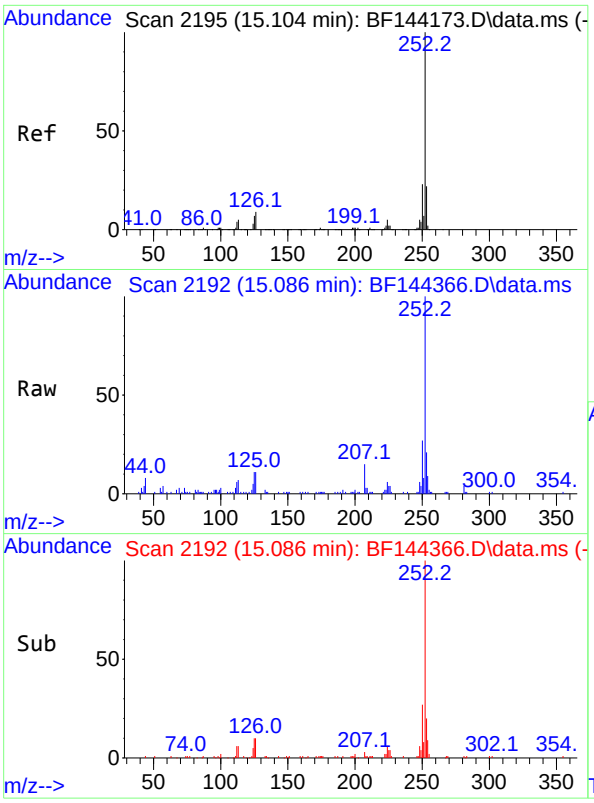



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:264 Resp: 179241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.4 | 17.1 | 25.7 |
| 265 | 21.6 | 17.4 | 26.0 |

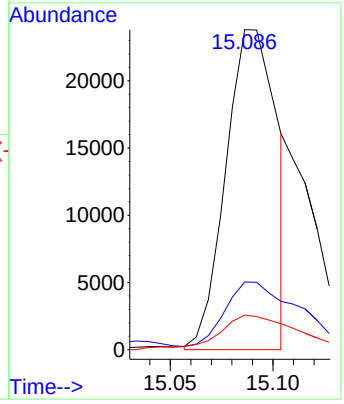





#88
Benzo(b)fluoranthene
Concen: 4.027 ng m
RT: 15.086 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:252 Resp: 4103

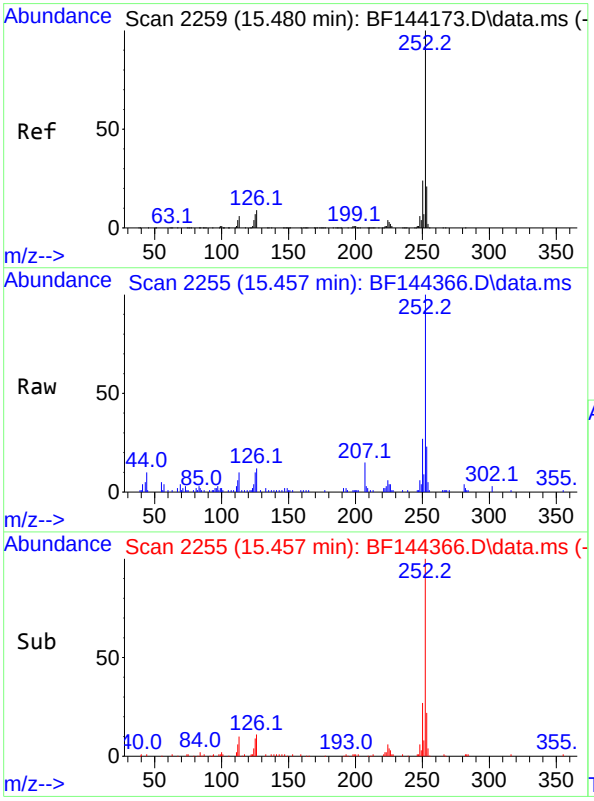
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.4 | 26.2 |
| 125 | 10.8 | 5.3 | 7.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

**Manual Integrations**
**APPROVED**

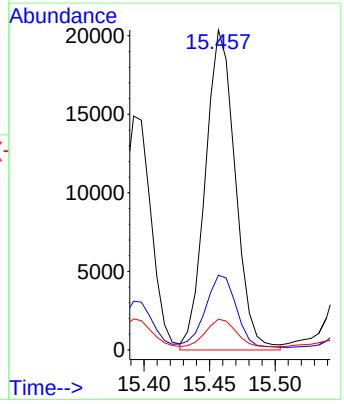
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#90
Benzo(a)pyrene
Concen: 3.438 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.018 min
Lab File: BF144366.D
Acq: 26 Nov 2025 17:42

Tgt Ion:252 Resp: 32322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 16.7 | 25.1 |
| 125 | 9.6 | 5.7 | 8.5# |



Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144366.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 502 | rBV | 174699 | 267999 | 25.32% | 2.932% |
| 2 | 5.487 | 554 | 560 | 581 | rBV | 604174 | 872680 | 82.44% | 9.549% |
| 3 | 6.493 | 726 | 731 | 751 | rBV | 652860 | 885839 | 83.69% | 9.693% |
| 4 | 6.857 | 789 | 793 | 801 | rBV | 245085 | 315956 | 29.85% | 3.457% |
| 5 | 7.422 | 884 | 889 | 905 | rBV | 426431 | 553450 | 52.28% | 6.056% |
| 6 | 8.145 | 1006 | 1012 | 1026 | rVB | 308742 | 450549 | 42.56% | 4.930% |
| 7 | 9.216 | 1189 | 1194 | 1203 | rBV | 837236 | 1058535 | 100.00% | 11.583% |
| 8 | 9.898 | 1305 | 1310 | 1315 | rBV | 363191 | 459079 | 43.37% | 5.023% |
| 9 | 10.616 | 1424 | 1432 | 1440 | rBV | 83733 | 109225 | 10.32% | 1.195% |
| 10 | 10.692 | 1440 | 1445 | 1458 | rVV | 453507 | 595451 | 56.25% | 6.515% |
| 11 | 10.922 | 1475 | 1484 | 1491 | rBV | 10677 | 15921 | 1.50% | 0.174% |
| 12 | 11.392 | 1559 | 1564 | 1573 | rBV2 | 330712 | 512746 | 48.44% | 5.610% |
| 13 | 11.469 | 1573 | 1577 | 1580 | rVV | 13509 | 15733 | 1.49% | 0.172% |
| 14 | 11.916 | 1646 | 1653 | 1660 | rBV2 | 78416 | 140157 | 13.24% | 1.534% |
| 15 | 12.010 | 1665 | 1669 | 1678 | rVB2 | 15631 | 33491 | 3.16% | 0.366% |
| 16 | 12.610 | 1766 | 1771 | 1776 | rBV | 103839 | 136474 | 12.89% | 1.493% |
| 17 | 12.704 | 1783 | 1787 | 1794 | rBV4 | 12124 | 19153 | 1.81% | 0.210% |
| 18 | 12.839 | 1803 | 1810 | 1815 | rBV | 86941 | 127409 | 12.04% | 1.394% |
| 19 | 12.980 | 1824 | 1834 | 1839 | rBV | 623157 | 817624 | 77.24% | 8.946% |
| 20 | 13.057 | 1842 | 1847 | 1853 | rBV4 | 9993 | 19443 | 1.84% | 0.213% |
| 21 | 13.169 | 1859 | 1866 | 1869 | rBV3 | 11546 | 21231 | 2.01% | 0.232% |
| 22 | 13.275 | 1880 | 1884 | 1890 | rVB3 | 11654 | 16210 | 1.53% | 0.177% |
| 23 | 13.398 | 1902 | 1905 | 1911 | rVB3 | 8046 | 11537 | 1.09% | 0.126% |
| 24 | 13.680 | 1946 | 1953 | 1957 | rBV | 10451 | 16609 | 1.57% | 0.182% |
| 25 | 13.792 | 1968 | 1972 | 1974 | rBV | 8223 | 12209 | 1.15% | 0.134% |
| 26 | 13.880 | 1979 | 1987 | 1996 | rVB5 | 35515 | 82736 | 7.82% | 0.905% |
| 27 | 14.039 | 2007 | 2014 | 2027 | rBV2 | 310358 | 530164 | 50.08% | 5.801% |
| 28 | 14.198 | 2037 | 2041 | 2049 | rBV9 | 8459 | 18343 | 1.73% | 0.201% |
| 29 | 14.427 | 2076 | 2080 | 2084 | rBV | 13349 | 18845 | 1.78% | 0.206% |
| 30 | 14.504 | 2089 | 2093 | 2099 | rVV6 | 13651 | 32247 | 3.05% | 0.353% |
| 31 | 14.557 | 2100 | 2102 | 2109 | rVB6 | 9493 | 18810 | 1.78% | 0.206% |
| 32 | 14.880 | 2154 | 2157 | 2161 | rVB | 13110 | 16199 | 1.53% | 0.177% |
| 33 | 15.092 | 2187 | 2193 | 2200 | rBV | 64208 | 156442 | 14.78% | 1.712% |
| 34 | 15.198 | 2208 | 2211 | 2214 | rBV | 8872 | 11706 | 1.11% | 0.128% |
| 35 | 15.392 | 2240 | 2244 | 2250 | rVB | 36391 | 58403 | 5.52% | 0.639% |
| 36 | 15.457 | 2250 | 2255 | 2260 | rBV | 51692 | 78000 | 7.37% | 0.853% |

Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.521 | 2260 | 2266 | 2277 | rBV | 288920 | 478940 | 45.25% | 5.241% |
| 38 | 15.969 | 2337 | 2342 | 2347 | rBV2 | 23163 | 39392 | 3.72% | 0.431% |
| 39 | 16.480 | 2424 | 2429 | 2435 | rVB2 | 17555 | 33957 | 3.21% | 0.372% |
| 40 | 17.015 | 2515 | 2520 | 2527 | rBV | 21091 | 46129 | 4.36% | 0.505% |
| 41 | 17.474 | 2593 | 2598 | 2607 | rVB | 15942 | 34061 | 3.22% | 0.373% |

Sum of corrected areas: 9139084

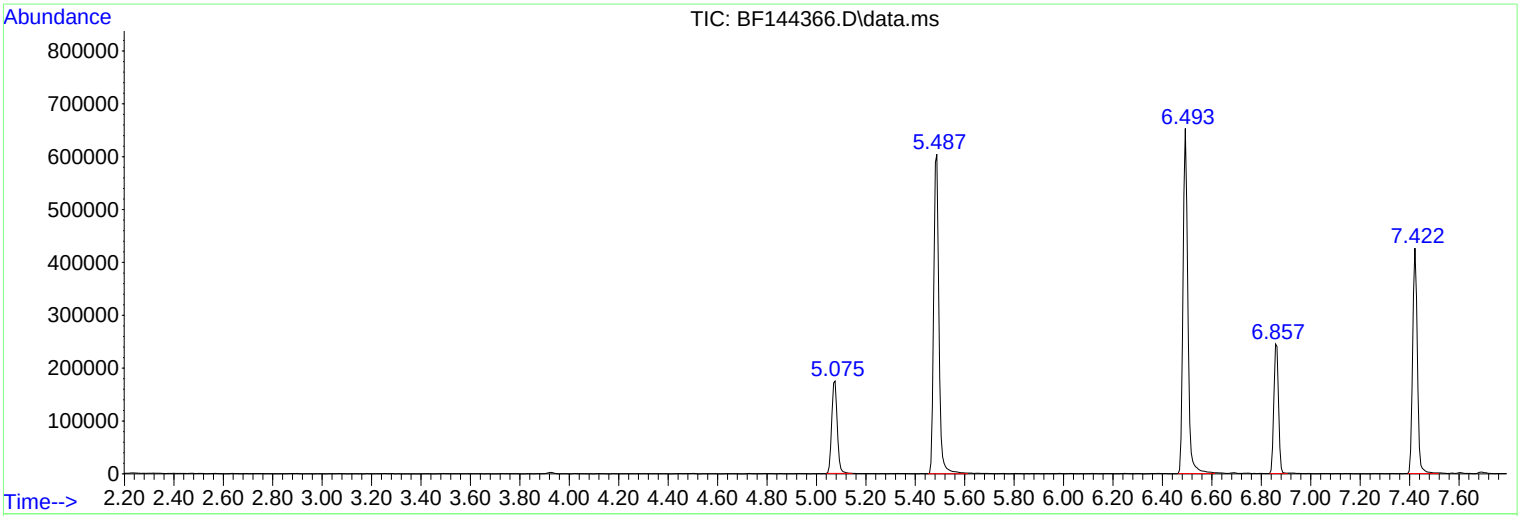
Sample Results: **BF144366.D**

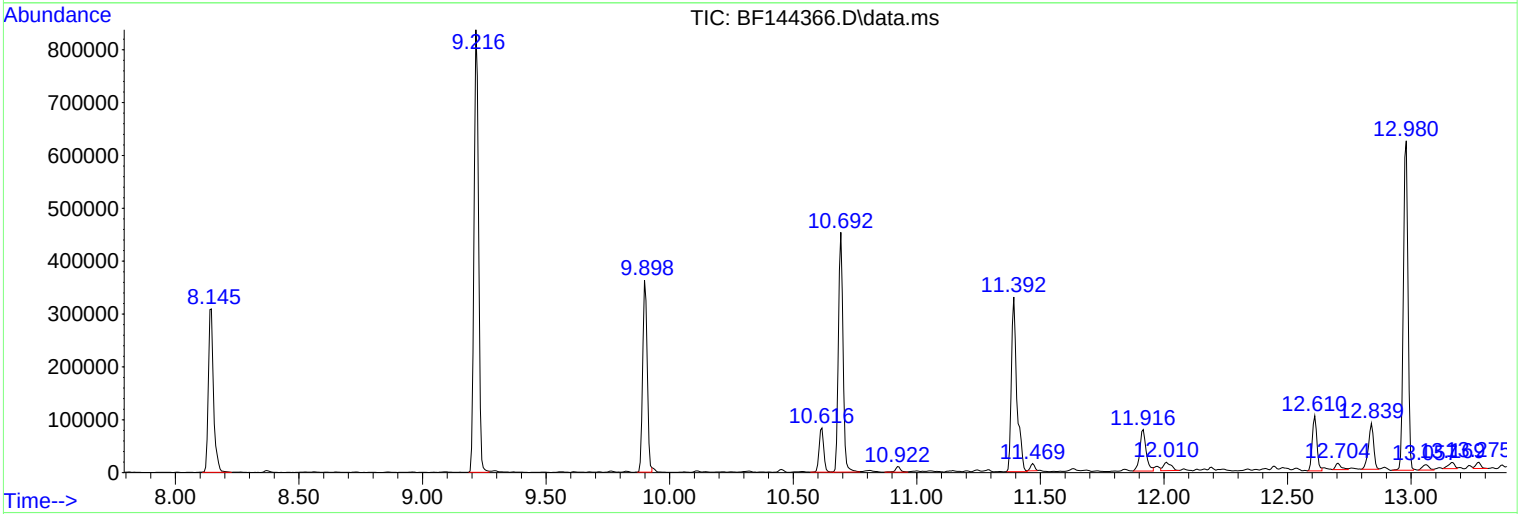
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

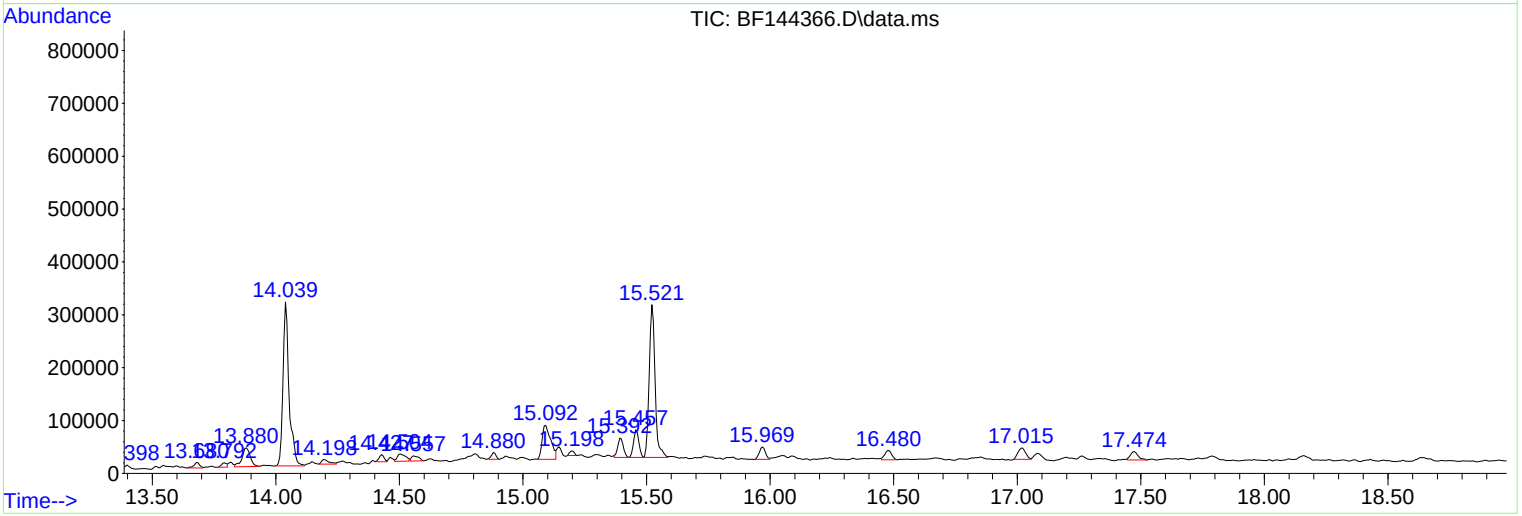
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

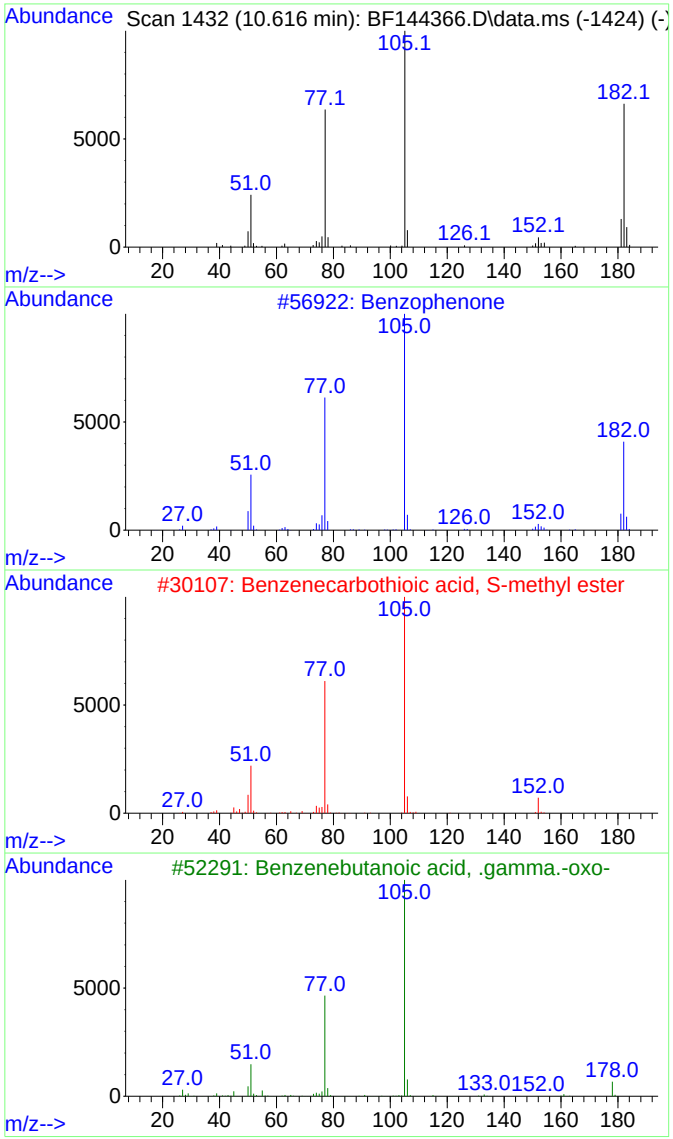
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

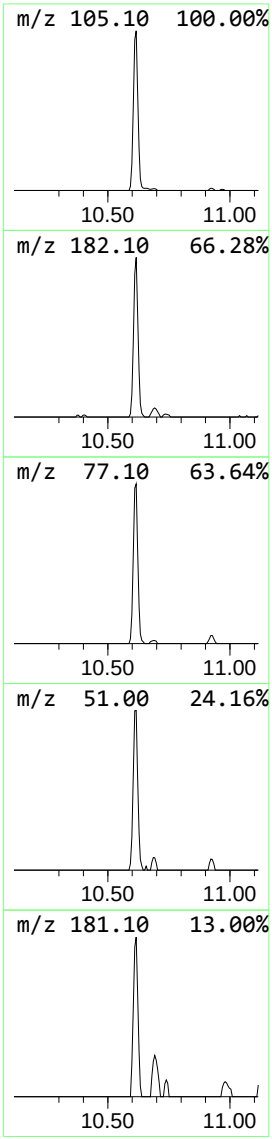
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 4.76 ng | 109225 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 49 |
| 3 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 43 |
| 4 | Benzoic acid, phenyl ester | 198 | C13H10O2 | 000093-99-2 | 43 |
| 5 | Pentafluoroethyl phenyl ketone | 224 | C9H5F5O | 000394-52-5 | 43 |



Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

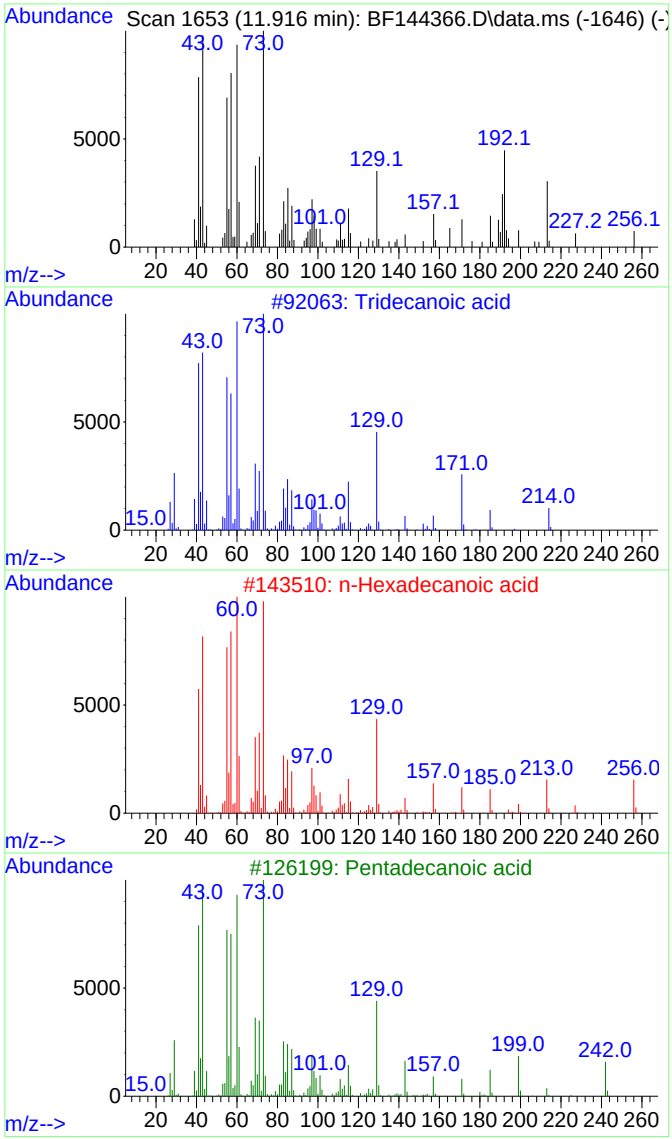
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

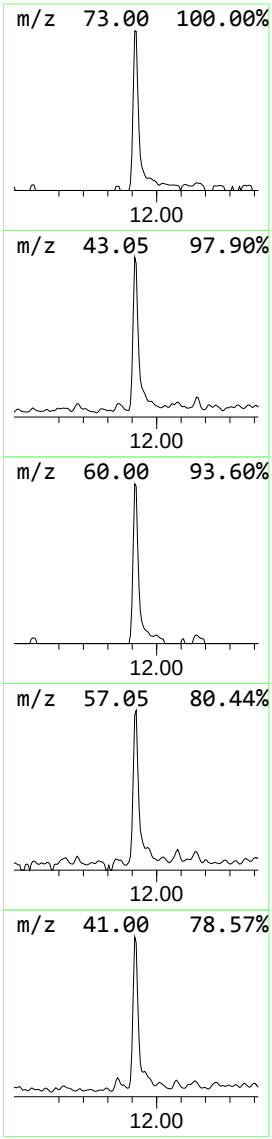
**********

Peak Number 3 Tridecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 5.47 ng | 140157 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 89 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 70 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 58 |
| 5 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 25 |



Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

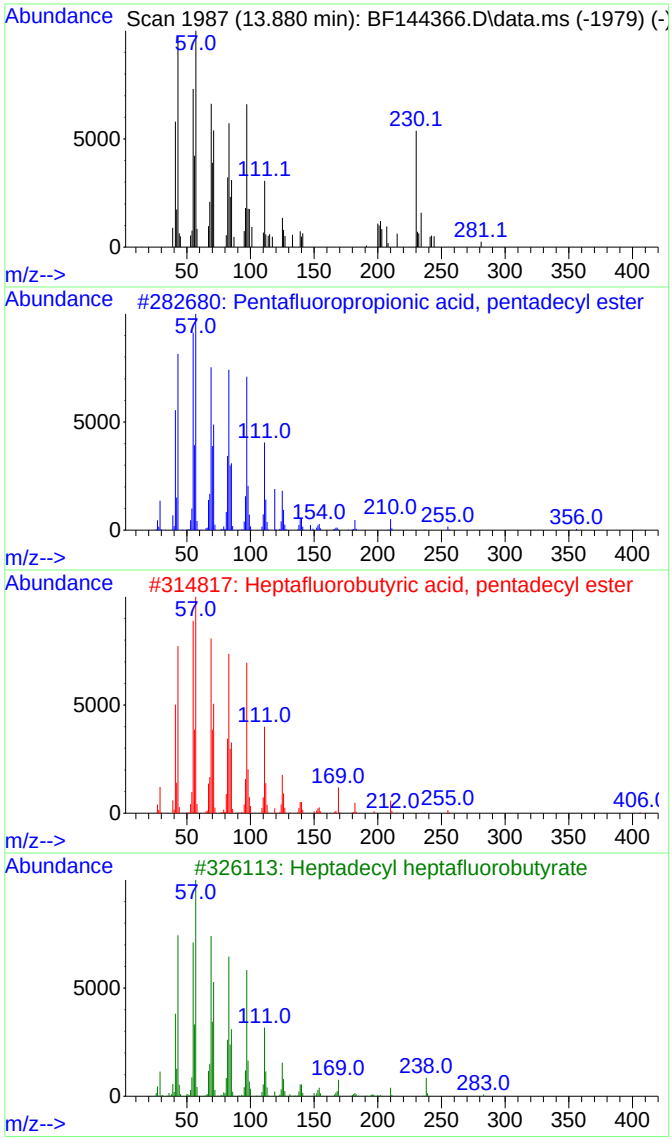
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

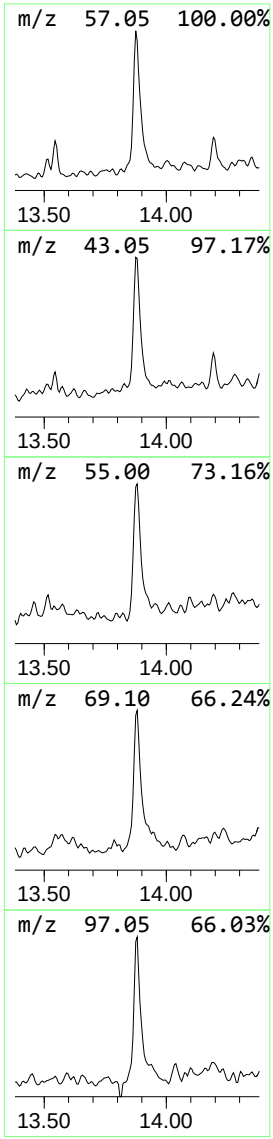
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 3.12 ng | 82736 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 90 |
| 2 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 90 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 81 |
| 4 | Dichloroacetic acid, tetradecyl ... | 324 | C16H30Cl2O2 | 083005-02-1 | 81 |
| 5 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 81 |



Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

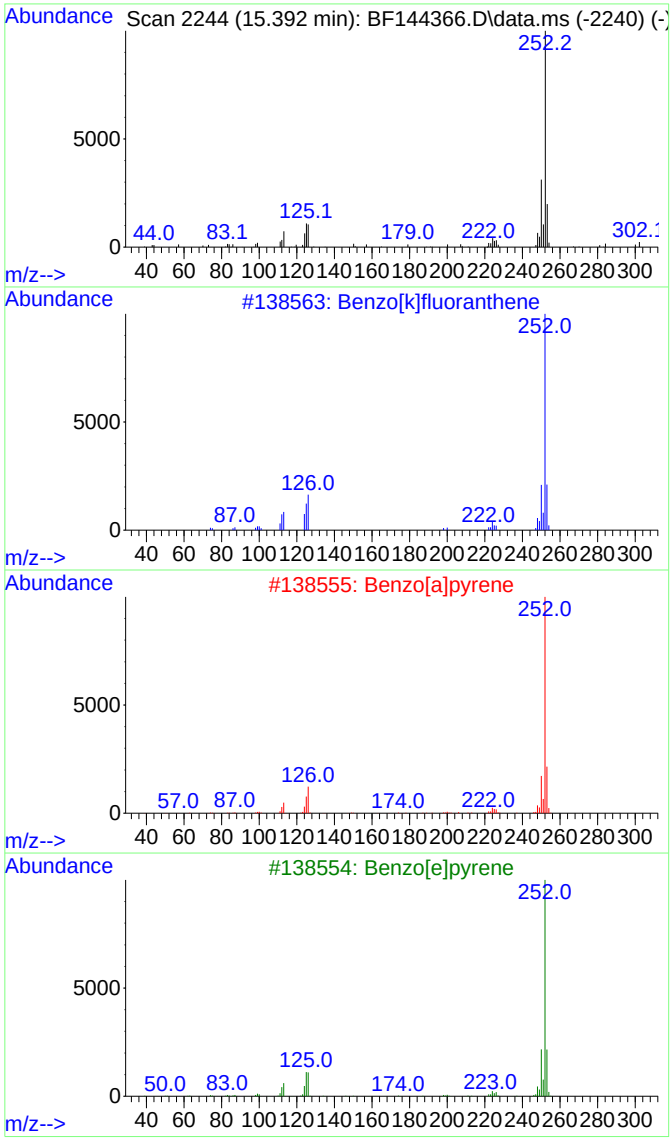
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

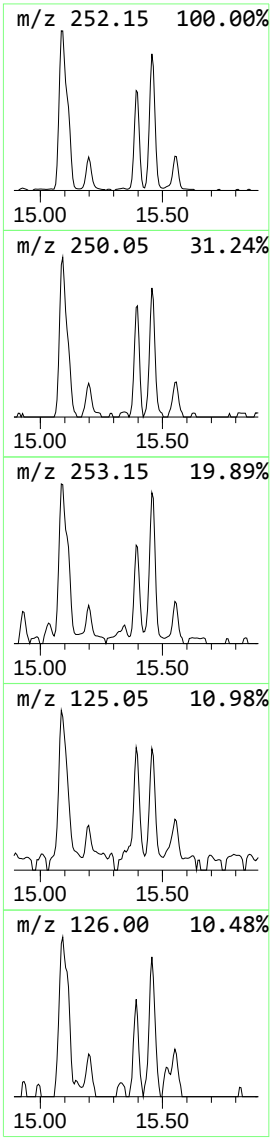
**********

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.392 | 2.44 ng | 58403 | Perylene-d12 | 15.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 95 |
| 3 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 95 |
| 4 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 95 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 91 |



Sample Results: **BF144366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144366.D
Acq On : 26 Nov 2025 17:42
Operator : RC/JU
Sample : Q3719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-11B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 4.8 | ng | 109225 | 3 | 9.898 | 459079 | 20.0 |
| Tridecanoic acid | 11.916 | 5.5 | ng | 140157 | 4 | 11.392 | 512746 | 20.0 |
| Pentafluoroprop... | 13.880 | 3.1 | ng | 82736 | 5 | 14.039 | 530164 | 20.0 |
| Benzo[e]pyrene | 15.392 | 2.4 | ng | 58403 | 6 | 15.522 | 478940 | 20.0 |

Raw Data: **BF144367.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-12A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-05 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 67.8 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 230 | U | 1 | 230 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 108-95-2 | Phenol | 32.6 | U | 1 | 32.6 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 35.8 | U | 1 | 35.8 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 36.0 | U | 1 | 36.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 95-48-7 | 2-Methylphenol | 44.1 | U | 1 | 44.1 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 55.3 | U | 1 | 55.3 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 98-86-2 | Acetophenone | 43.5 | U | 1 | 43.5 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 60.6 | U | 1 | 60.6 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 69.9 | U | 1 | 69.9 | 120 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 67-72-1 | Hexachloroethane | 26.0 | U | 1 | 26.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 98-95-3 | Nitrobenzene | 27.0 | U | 1 | 27.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 78-59-1 | Isophorone | 48.4 | U | 1 | 48.4 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 85.8 | U | 1 | 85.8 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 95.5 | U | 1 | 95.5 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 45.4 | U | 1 | 45.4 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 41.7 | U | 1 | 41.7 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 91-20-3 | Naphthalene | 33.5 | U | 1 | 33.5 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 52.2 | U | 1 | 52.2 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 37.3 | U | 1 | 37.3 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 105-60-2 | Caprolactam | 76.8 | U | 1 | 76.8 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 42.3 | U | 1 | 42.3 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 37.7 | U | 1 | 37.7 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 170 | U | 1 | 170 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 29.2 | U | 1 | 29.2 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 42.9 | U | 1 | 42.9 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 32.1 | U | 1 | 32.1 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 33.2 | U | 1 | 33.2 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 70.9 | U | 1 | 70.9 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 131-11-3 | Dimethylphthalate | 40.0 | U | 1 | 40.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 208-96-8 | Acenaphthylene | 42.6 | U | 1 | 42.6 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 49.5 | U | 1 | 49.5 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 67.8 | U | 1 | 67.8 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 83-32-9 | Acenaphthene | 31.4 | U | 1 | 31.4 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 340 | U | 1 | 340 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 160 | U | 1 | 160 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 132-64-9 | Dibenzofuran | 33.5 | U | 1 | 33.5 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 73.9 | U | 1 | 73.9 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 84-66-2 | Diethylphthalate | 150 | J | 1 | 41.7 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 39.4 | U | 1 | 39.4 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 86-73-7 | Fluorene | 37.3 | U | 1 | 37.3 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 94.7 | U | 1 | 94.7 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 150 | U | 1 | 150 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |

Raw Data: **BF144367.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-12A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-05 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 67.8 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 48.5 | U | 1 | 48.5 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 41.0 | U | 1 | 41.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 37.3 | U | 1 | 37.3 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 1912-24-9 | Atrazine | 50.1 | U | 1 | 50.1 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 87-86-5 | Pentachlorophenol | 75.6 | U | 1 | 75.6 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 85-01-8 | Phenanthrene | 30.8 | U | 1 | 30.8 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 120-12-7 | Anthracene | 49.1 | U | 1 | 49.1 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 86-74-8 | Carbazole | 46.0 | U | 1 | 46.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 70.6 | U | 1 | 70.6 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 206-44-0 | Fluoranthene | 130 | J | 1 | 44.2 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 129-00-0 | Pyrene | 100 | J | 1 | 53.1 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 110 | U | 1 | 110 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 54.1 | U | 1 | 54.1 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 33.9 | U | 1 | 33.9 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 218-01-9 | Chrysene | 29.3 | U | 1 | 29.3 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 87.3 | U | 1 | 87.3 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 130 | U | 1 | 130 | 490 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 120 | J | 1 | 28.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 33.0 | U | 1 | 33.0 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 43.5 | U | 1 | 43.5 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 42.9 | U | 1 | 42.9 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 40.4 | U | 1 | 40.4 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 37.9 | U | 1 | 37.9 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 37.7 | U | 1 | 37.7 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 66.6 | U | 1 | 66.6 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 40.4 | U | 1 | 40.4 | 250 | ug/Kg | 11/26/25 18:12 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 74.9 | | | 10 - 105 | 50% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 77.0 | | | 10 - 103 | 51% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 55.6 | | | 10 - 108 | 56% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 55.2 | | | 10 - 108 | 55% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 64.8 | | | 10 - 116 | 43% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 38.6 | | | 10 - 109 | 39% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 55700 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 205000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 105000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 152000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 133000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 169000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 220 | J | | | 10.6 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 380 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144367.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-12A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-05 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 67.8 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 959085-66-6 | Heptadecyl heptafluorobutyrate | 180 | J | | | 13.9 | ug/Kg | | |
| 000629-92-5 | Nonadecane | 170 | J | | | 16.5 | 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

Sample Results: **BF144367.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 27 00:50:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 55725 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 204609 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 104861 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 152442 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 133155 | 20.000 | ng | #-0.01 |
| 86) Perylene-d12 | 15.527 | 264 | 168994 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 266676 | 74.888 | ng | 0.00 |
| 7) Phenol-d6 | 6.493 | 99 | 310800 | 77.028 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 196890 | 55.576 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 85329 | 64.845 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 391913 | 55.200 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 323277 | 38.564 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 60) Diethylphthalate | 10.316 | 149 | 19852 | 3.100 | ng | 97 |
| 75) Fluoranthene | 12.610 | 202 | 21363 | 2.725 | ng | 97 |
| 78) Pyrene | 12.839 | 202 | 22007 | 2.050 | ng | 97 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 23721m | 2.469 | ng | |

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

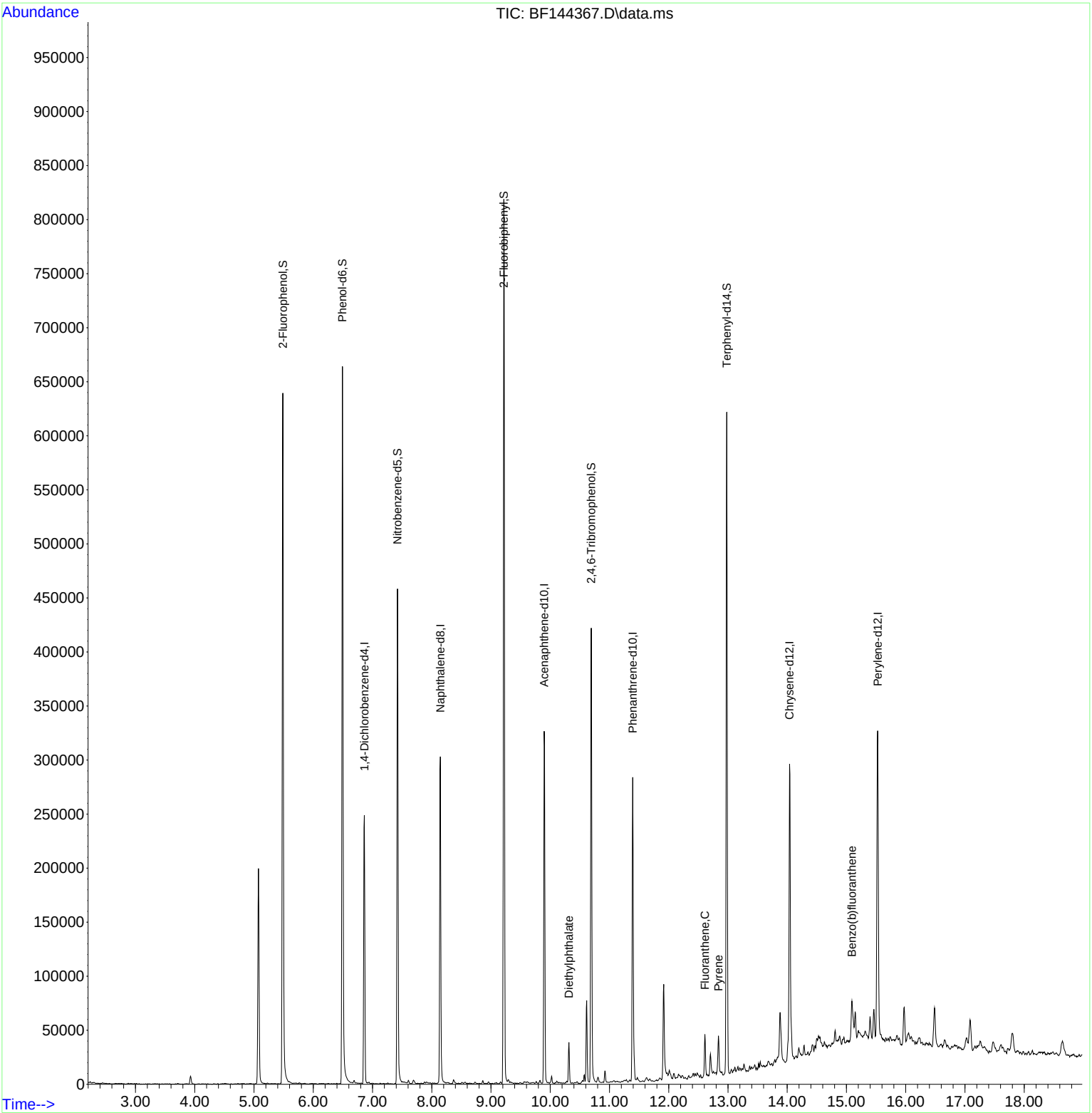
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

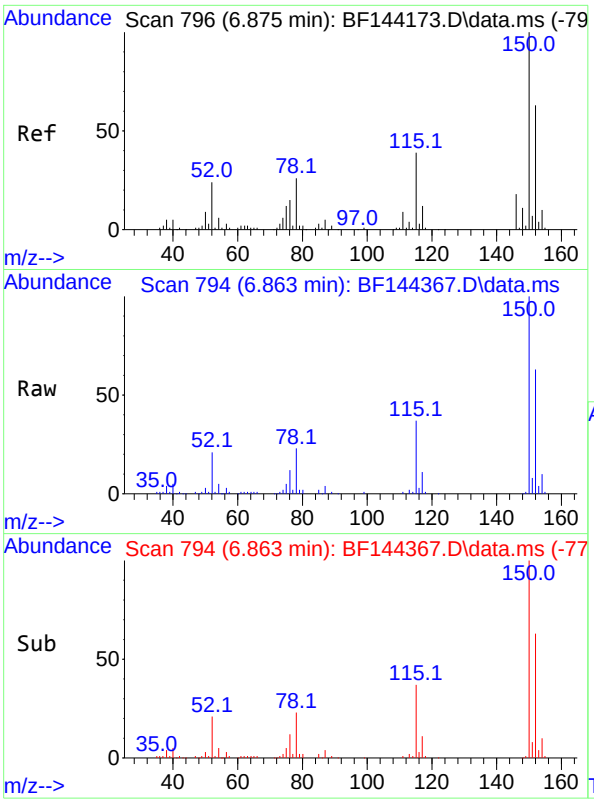
Quant Time: Nov 27 00:50:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

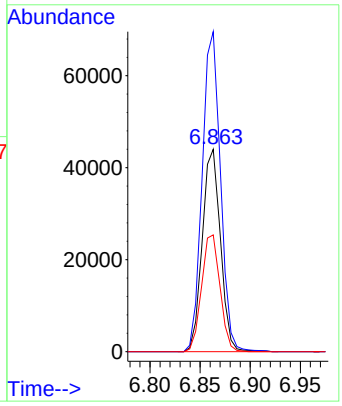





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:152 Resp: 5572

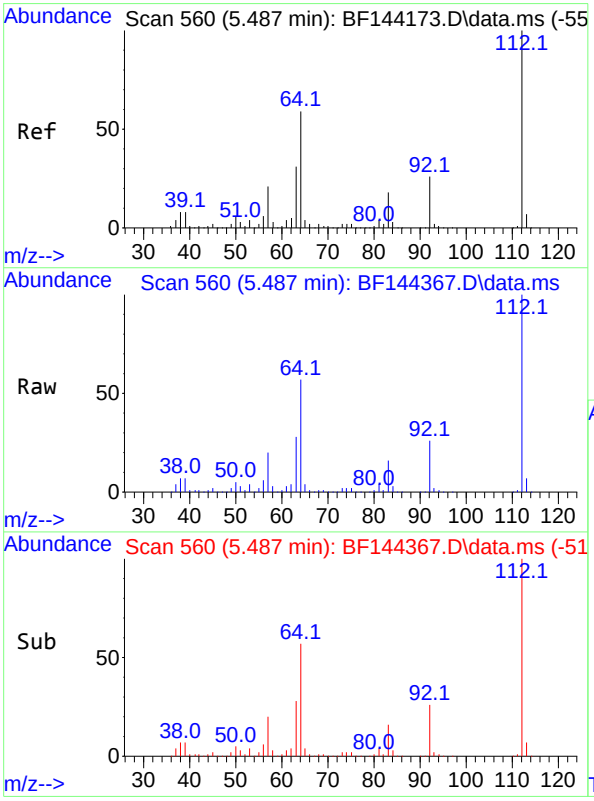
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.1 | 127.4 | 191.0 |
| 115 | 57.7 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

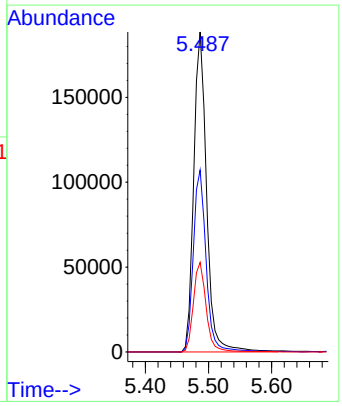
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

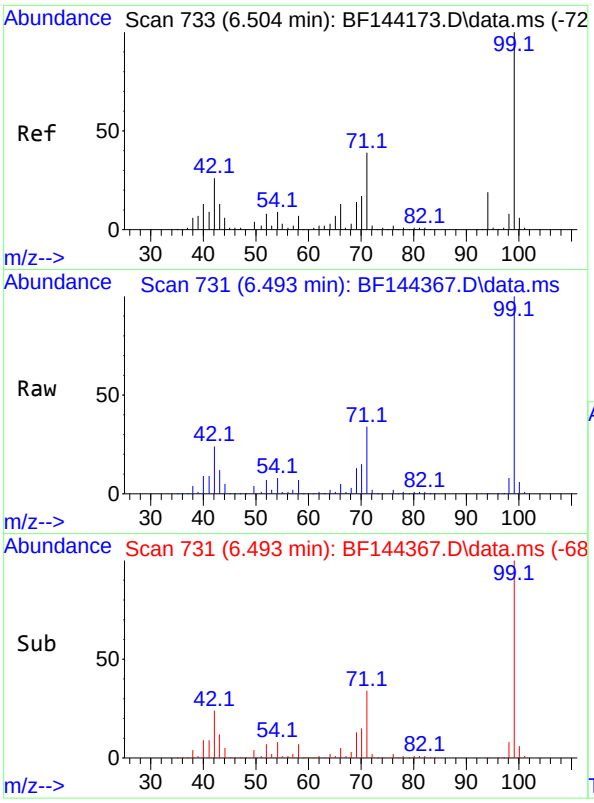



#5
2-Fluorophenol
Concen: 74.888 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:112 Resp: 266676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.8 | 47.2 | 70.8 |
| 63 | 28.0 | 24.4 | 36.6 |






#7
Phenol-d6
Concen: 77.028 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

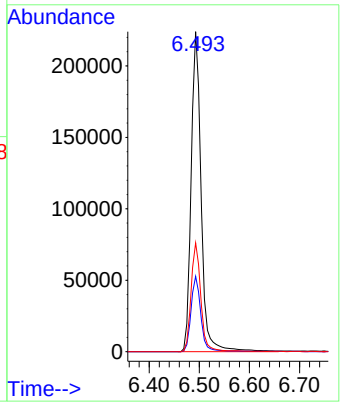
Tgt Ion: 99 Resp: 31080

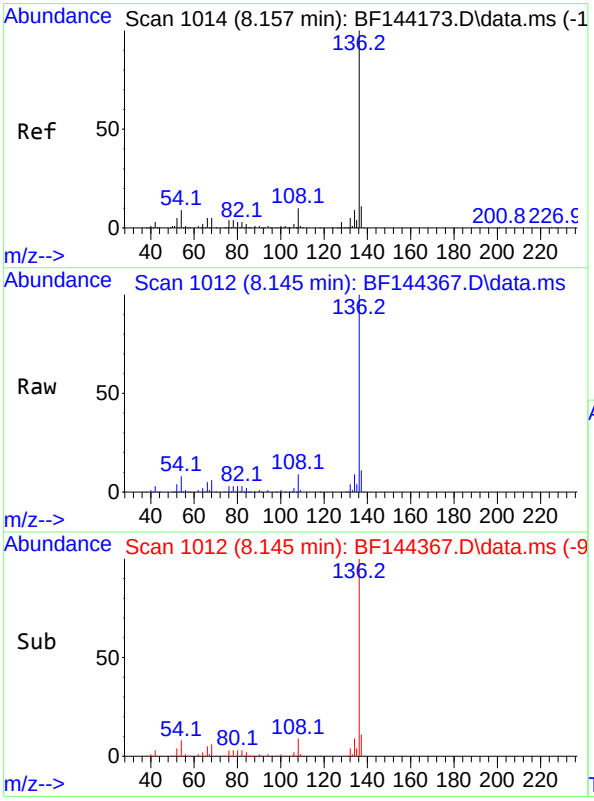
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.5 | 20.9 | 31.3 |
| 71 | 34.0 | 31.4 | 47.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

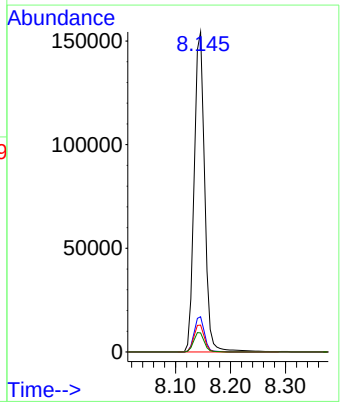


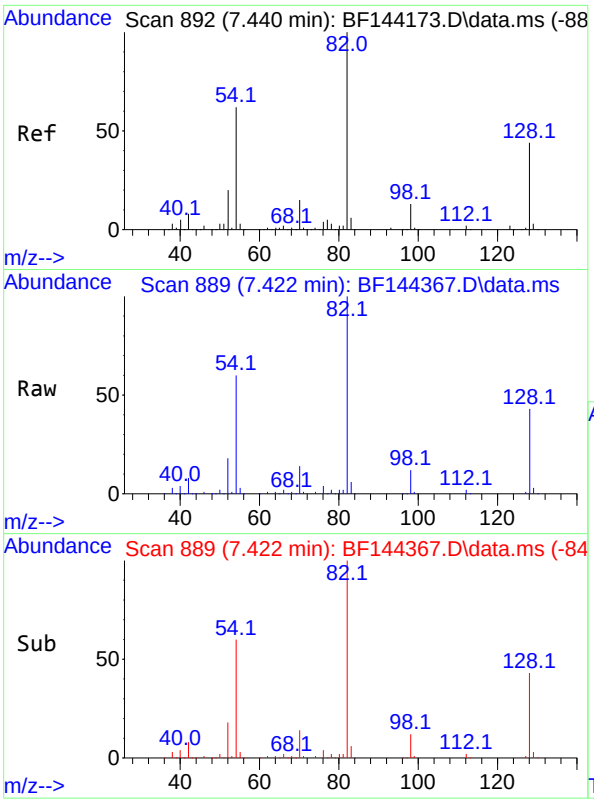




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:136 Resp: 204609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 8.4 | 7.0 | 10.6 |
| 68 | 6.0 | 4.3 | 6.5 |






#23
Nitrobenzene-d5
Concen: 55.576 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

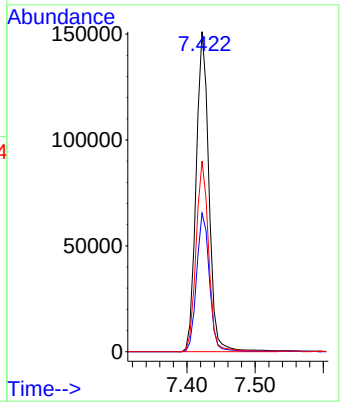
Tgt Ion: 82 Resp: 19689

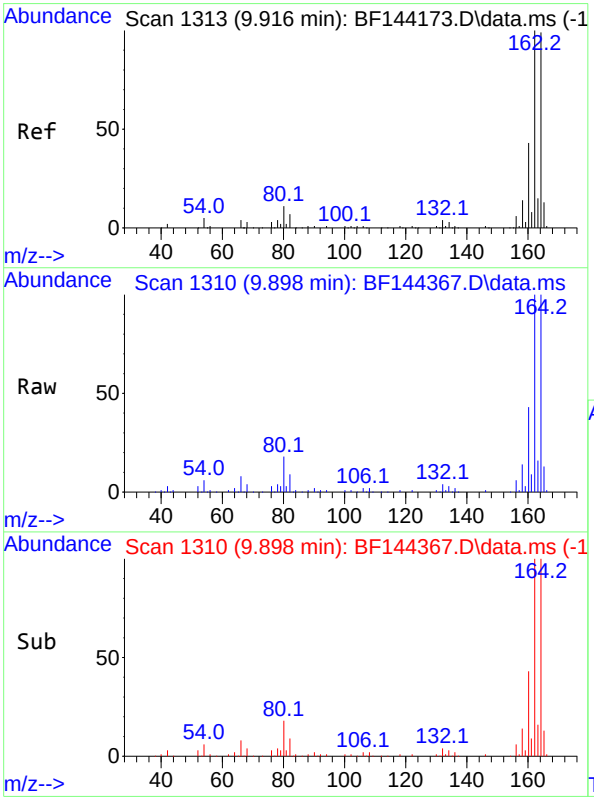
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 34.7 | 52.1 |
| 54 | 59.5 | 49.5 | 74.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

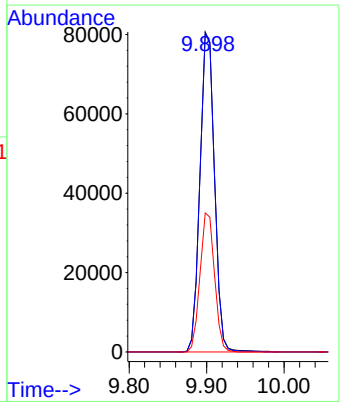


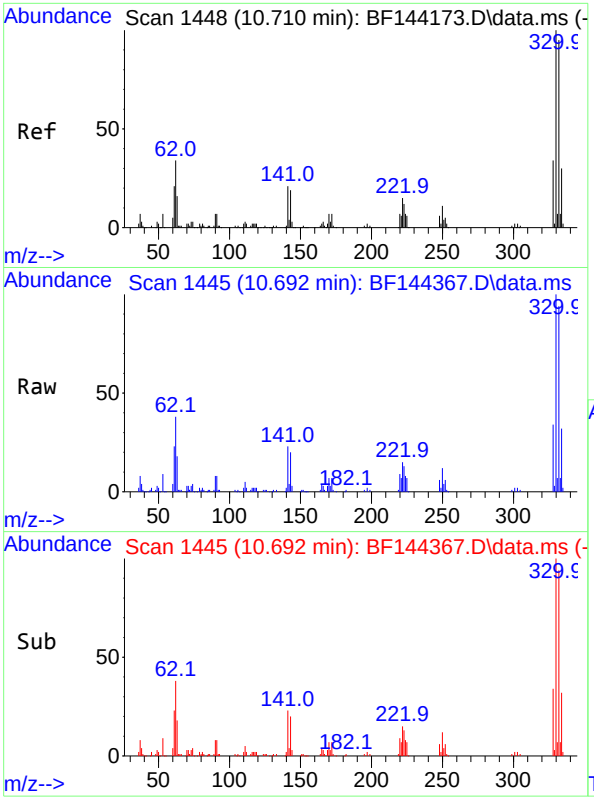




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:164 Resp: 104861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 81.1 | 121.7 |
| 160 | 43.5 | 34.5 | 51.7 |

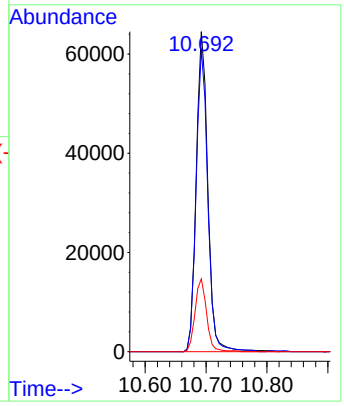





#42
2,4,6-Tribromophenol
Concen: 64.845 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:330 Resp: 8532

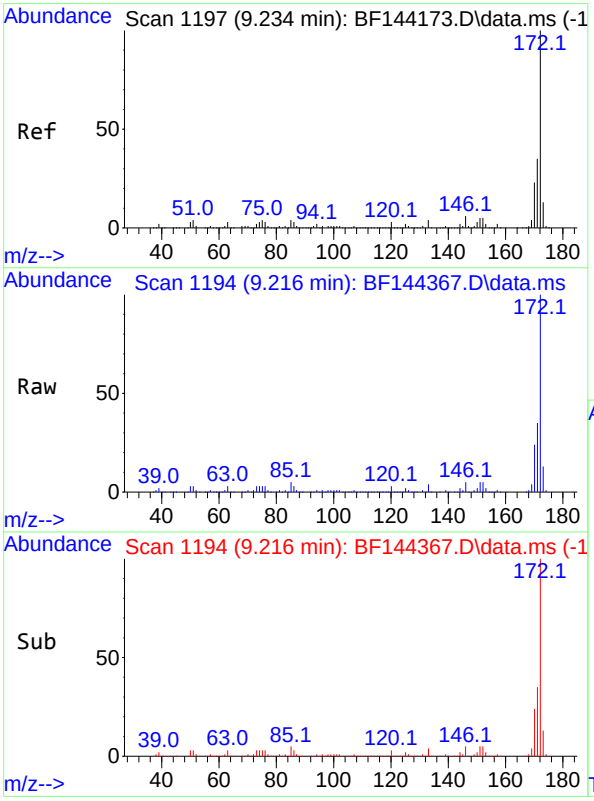
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.6 | 76.7 | 115.1 |
| 141 | 22.7 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

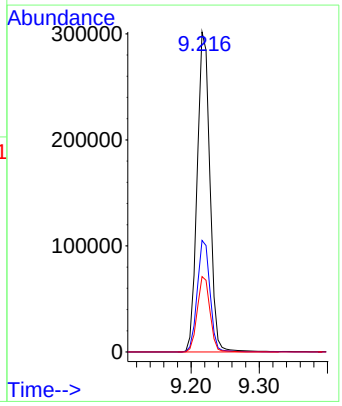
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

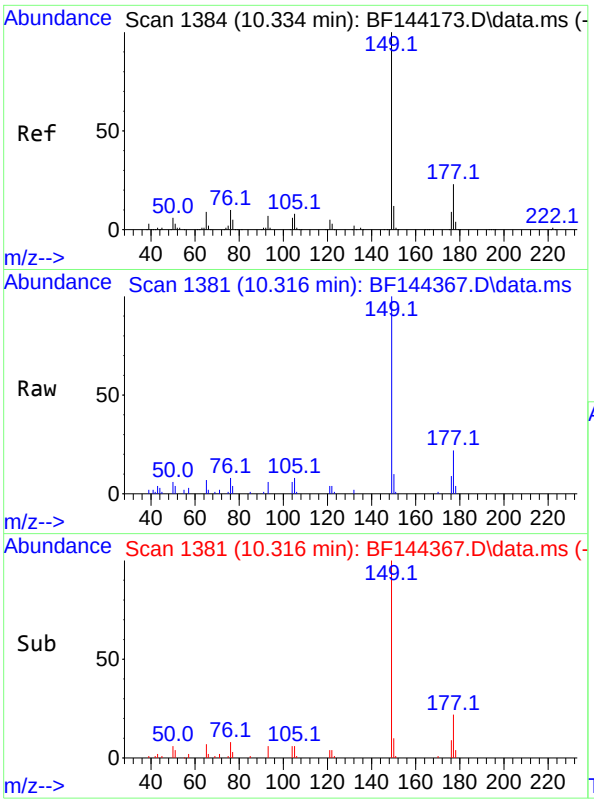



#45
2-Fluorobiphenyl
Concen: 55.200 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:172 Resp: 391913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.1 | 42.1 |
| 170 | 23.5 | 18.6 | 28.0 |

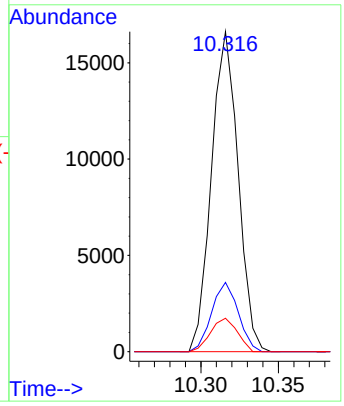





#60
Diethylphthalate
Concen: 3.100 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:149 Resp: 1985

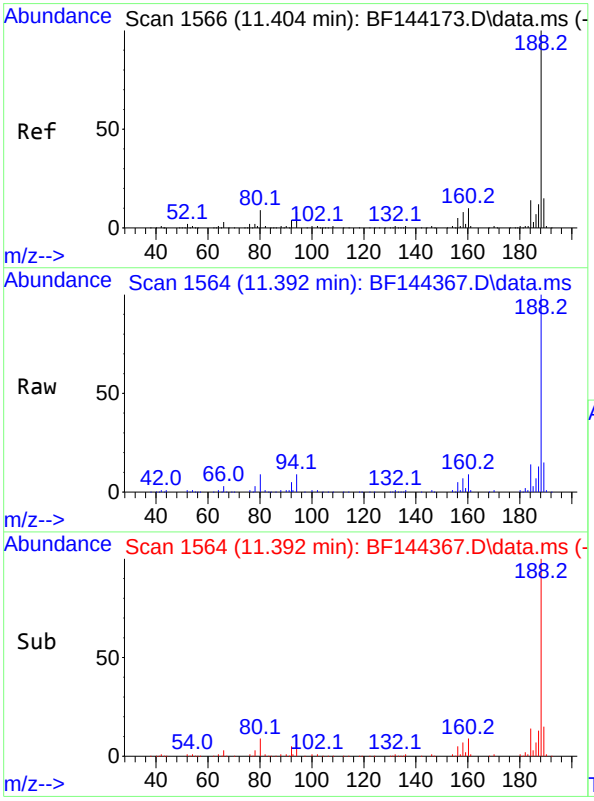
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.6 | 18.3 | 27.5 |
| 150 | 10.4 | 9.8 | 14.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

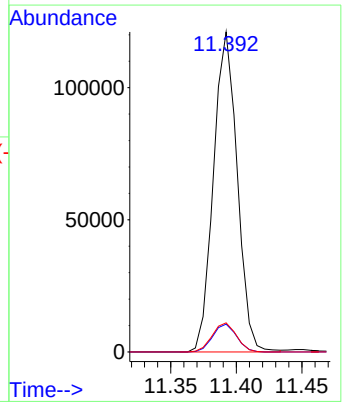
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

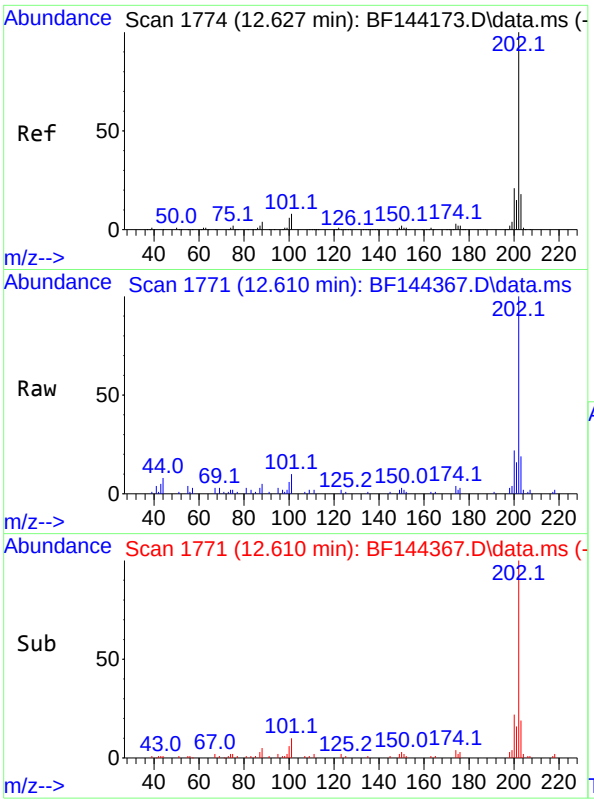



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:188 Resp: 152442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.2 | 9.2 |
| 80 | 9.1 | 6.9 | 10.3 |

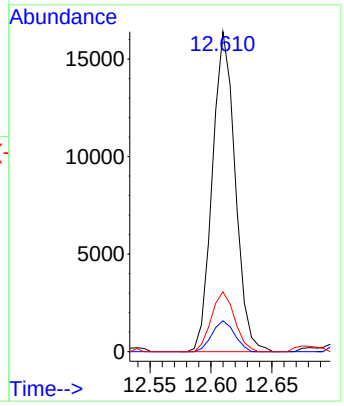





#75
Fluoranthene
Concen: 2.725 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:202 Resp: 2136

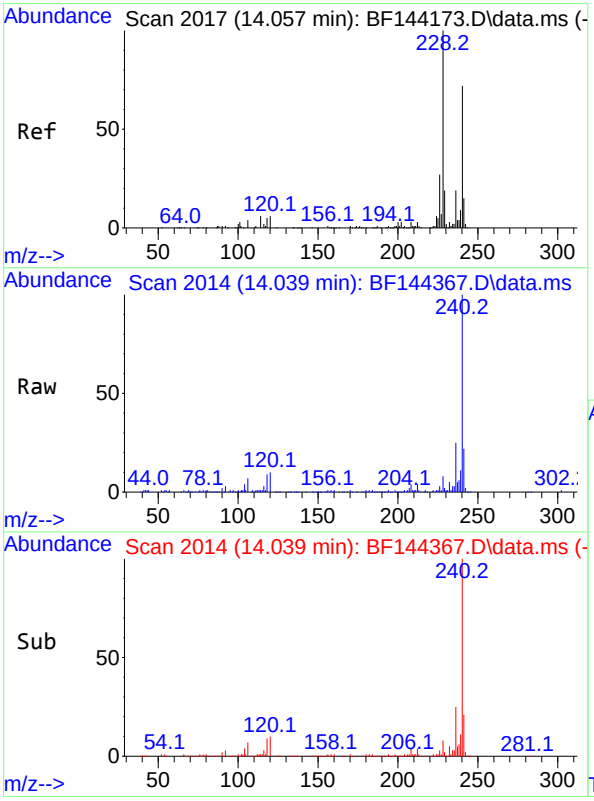
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.7 | 0.0 | 27.9 |
| 203 | 18.7 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

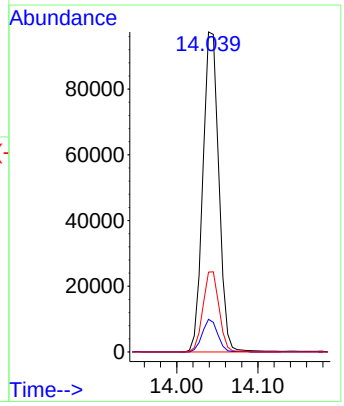
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

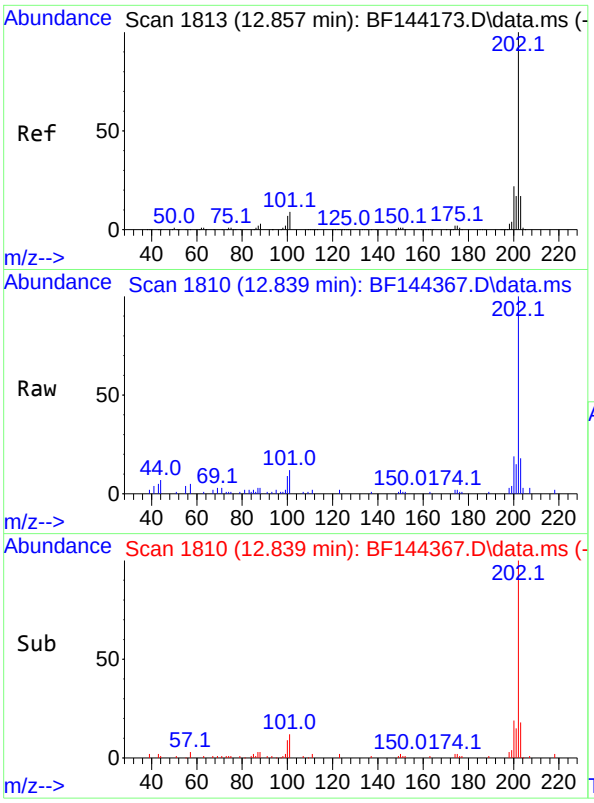



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:240 Resp: 133155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 6.6 | 10.0# |
| 236 | 25.0 | 21.4 | 32.2 |

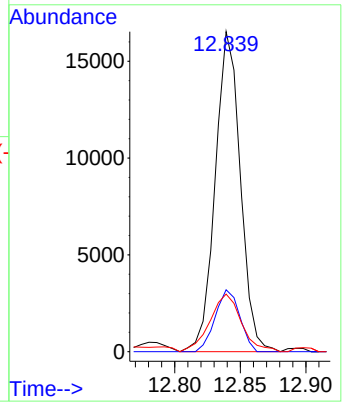





#78
Pyrene
Concen: 2.050 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:202 Resp: 2200

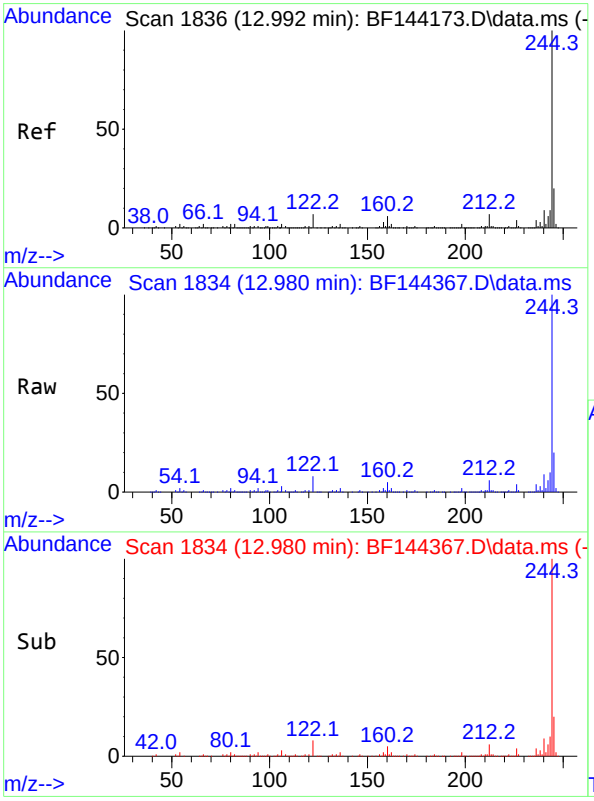
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.4 | 17.2 | 25.8 |
| 203 | 18.0 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

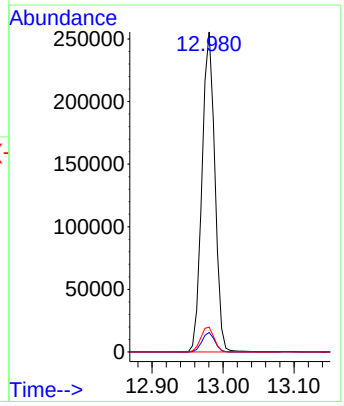
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

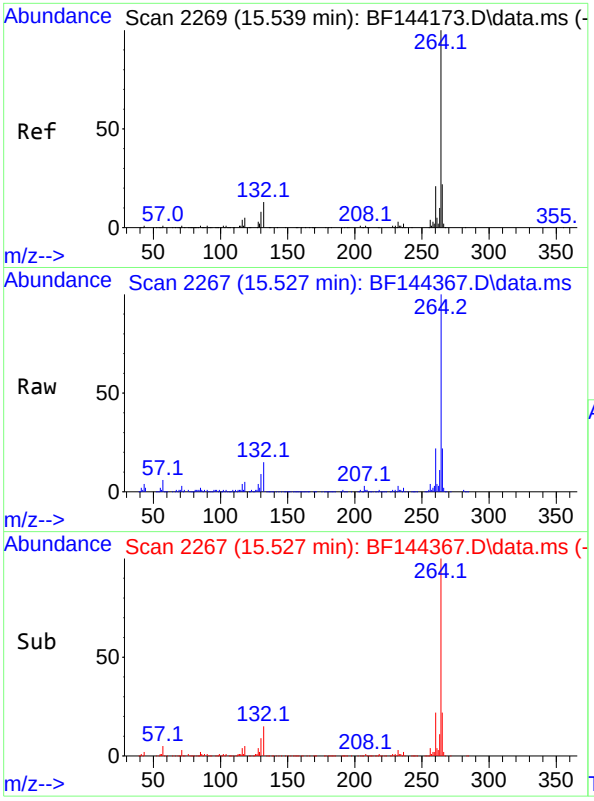



#79
Terphenyl-d14
Concen: 38.564 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:244 Resp: 323277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.3 | 7.9 |
| 122 | 7.7 | 5.6 | 8.4 |

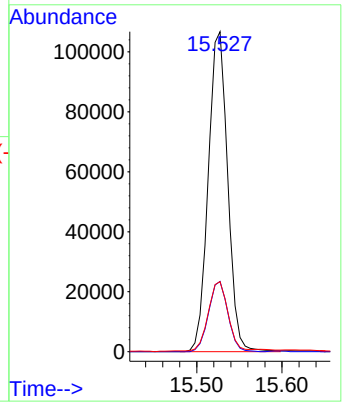





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:264 Resp: 16899

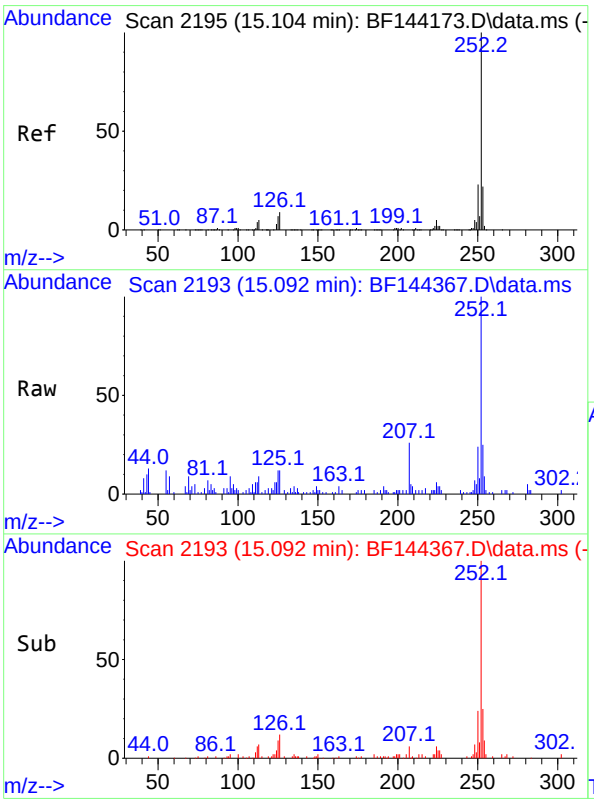
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 17.1 | 25.7 |
| 265 | 21.9 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

**Manual Integrations**
**APPROVED**

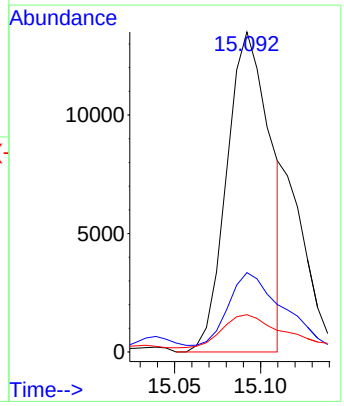
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#88
Benzo(b)fluoranthene
Concen: 2.469 ng m
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:252 Resp: 23721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 17.4 | 26.2 |
| 125 | 11.7 | 5.3 | 7.9# |



Sample Results: **BF144367.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144367.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.928 | 289 | 295 | 304 | rBV | 7268 | 12454 | 1.19% | 0.147% |
| 2 | 5.075 | 482 | 490 | 506 | rBV | 199469 | 297447 | 28.49% | 3.516% |
| 3 | 5.487 | 555 | 560 | 576 | rBV | 638309 | 885397 | 84.80% | 10.467% |
| 4 | 6.493 | 726 | 731 | 755 | rBV | 663492 | 913663 | 87.50% | 10.801% |
| 5 | 6.863 | 789 | 794 | 801 | rBV | 248325 | 316753 | 30.34% | 3.745% |
| 6 | 7.422 | 884 | 889 | 901 | rBV | 457684 | 591854 | 56.68% | 6.997% |
| 7 | 8.145 | 1001 | 1012 | 1023 | rBV | 302548 | 407881 | 39.06% | 4.822% |
| 8 | 9.216 | 1189 | 1194 | 1204 | rBV | 818302 | 1044147 | 100.00% | 12.344% |
| 9 | 9.898 | 1305 | 1310 | 1319 | rBV | 325496 | 420226 | 40.25% | 4.968% |
| 10 | 10.316 | 1377 | 1381 | 1387 | rVB | 37742 | 46398 | 4.44% | 0.549% |
| 11 | 10.616 | 1427 | 1432 | 1440 | rVB | 75281 | 93498 | 8.95% | 1.105% |
| 12 | 10.692 | 1440 | 1445 | 1460 | rVV | 420316 | 549550 | 52.63% | 6.497% |
| 13 | 10.928 | 1480 | 1485 | 1491 | rBV | 10539 | 13946 | 1.34% | 0.165% |
| 14 | 11.392 | 1559 | 1564 | 1572 | rBV | 281034 | 376450 | 36.05% | 4.450% |
| 15 | 11.916 | 1647 | 1653 | 1661 | rBV3 | 88595 | 145900 | 13.97% | 1.725% |
| 16 | 12.010 | 1665 | 1669 | 1678 | rVB5 | 8024 | 17904 | 1.71% | 0.212% |
| 17 | 12.610 | 1764 | 1771 | 1776 | rBV | 40248 | 57048 | 5.46% | 0.674% |
| 18 | 12.704 | 1782 | 1787 | 1793 | rBV2 | 20352 | 34285 | 3.28% | 0.405% |
| 19 | 12.839 | 1804 | 1810 | 1818 | rBV | 35445 | 55472 | 5.31% | 0.656% |
| 20 | 12.980 | 1829 | 1834 | 1841 | rVB | 611522 | 775719 | 74.29% | 9.170% |
| 21 | 13.880 | 1982 | 1987 | 1996 | rVB2 | 44112 | 83747 | 8.02% | 0.990% |
| 22 | 14.039 | 2006 | 2014 | 2024 | rBV | 274480 | 450984 | 43.19% | 5.331% |
| 23 | 14.198 | 2037 | 2041 | 2046 | rBV5 | 8794 | 16561 | 1.59% | 0.196% |
| 24 | 14.504 | 2089 | 2093 | 2094 | rBV2 | 8722 | 12107 | 1.16% | 0.143% |
| 25 | 14.810 | 2142 | 2145 | 2148 | rVB | 9973 | 11516 | 1.10% | 0.136% |
| 26 | 15.092 | 2188 | 2193 | 2199 | rBV | 35166 | 78905 | 7.56% | 0.933% |
| 27 | 15.145 | 2200 | 2202 | 2207 | rVB | 23650 | 30812 | 2.95% | 0.364% |
| 28 | 15.398 | 2242 | 2245 | 2251 | rVB | 20149 | 28272 | 2.71% | 0.334% |
| 29 | 15.463 | 2252 | 2256 | 2260 | rVB | 25502 | 37790 | 3.62% | 0.447% |
| 30 | 15.527 | 2261 | 2267 | 2275 | rVV | 282259 | 457604 | 43.83% | 5.410% |
| 31 | 15.974 | 2338 | 2343 | 2348 | rBV | 33052 | 59198 | 5.67% | 0.700% |
| 32 | 16.486 | 2424 | 2430 | 2441 | rVB | 36032 | 76951 | 7.37% | 0.910% |
| 33 | 17.086 | 2528 | 2532 | 2540 | rVB2 | 28291 | 58438 | 5.60% | 0.691% |

Sum of corrected areas: 8458877

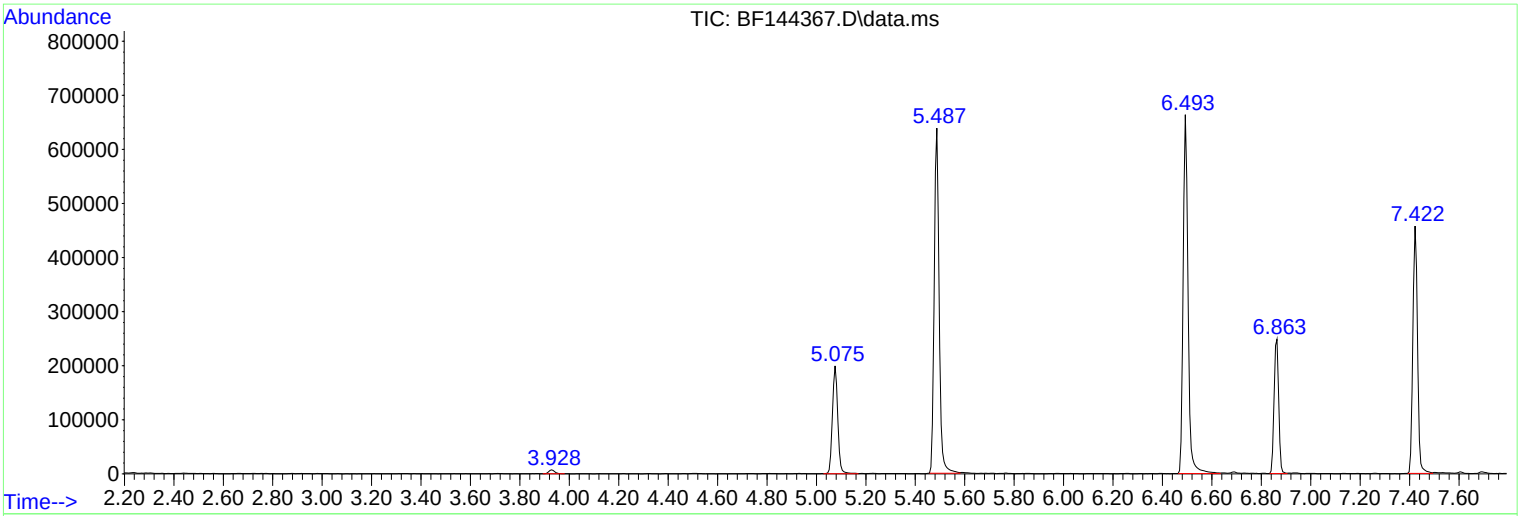
Sample Results: **BF144367.D**

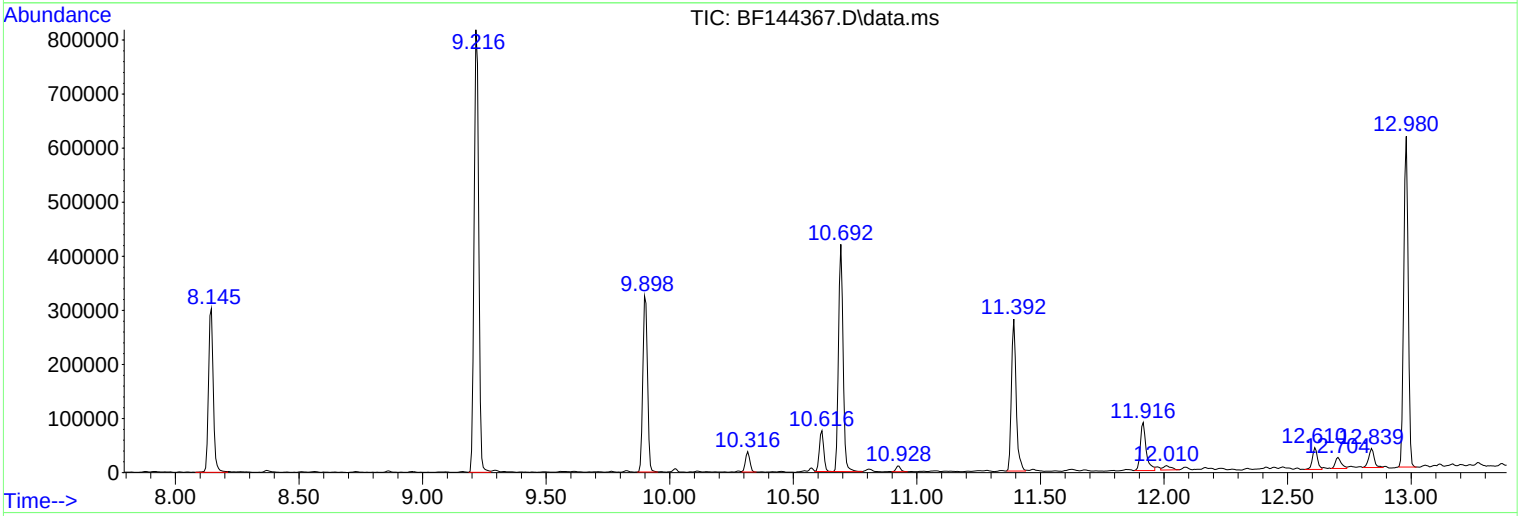
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

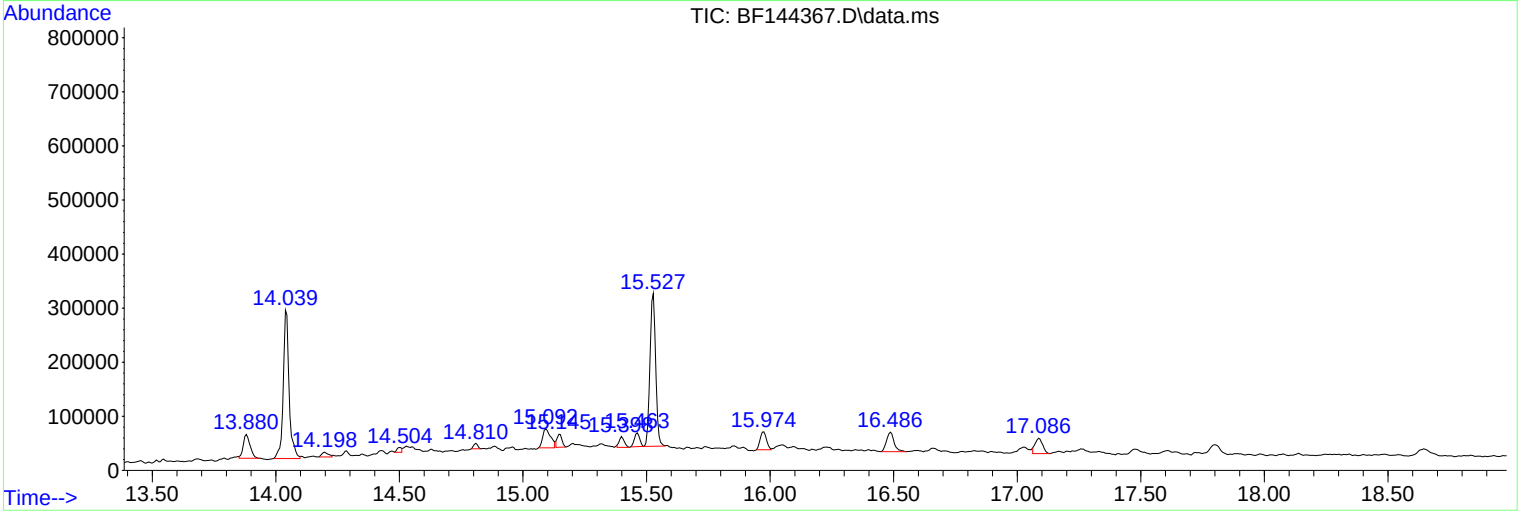
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

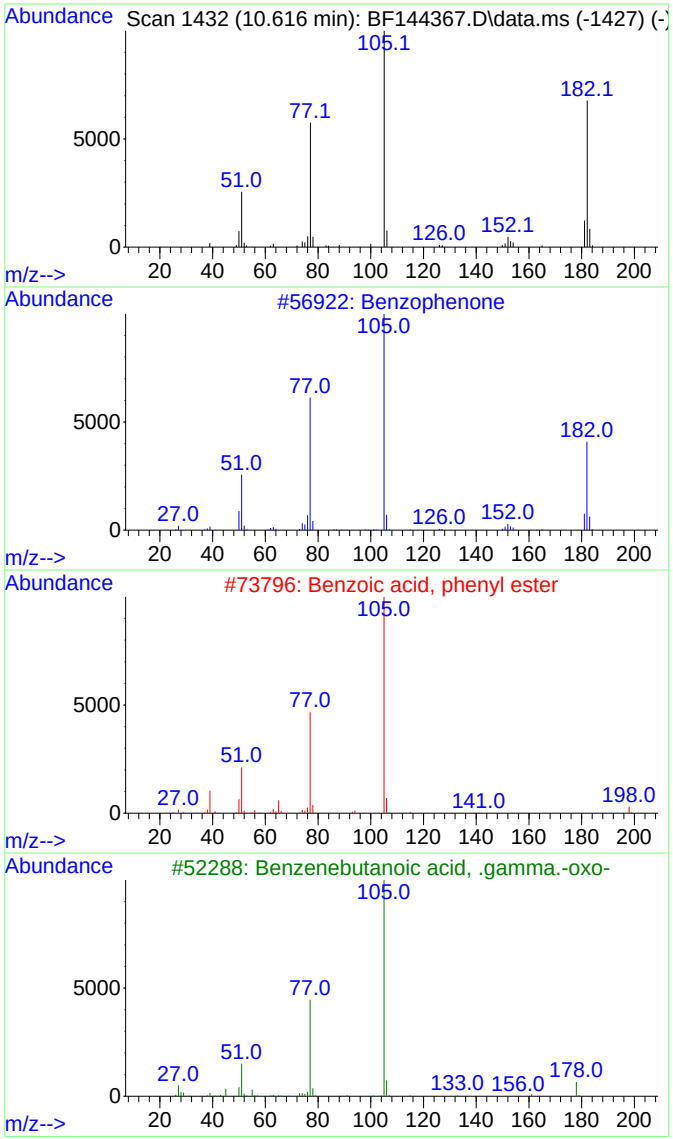
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

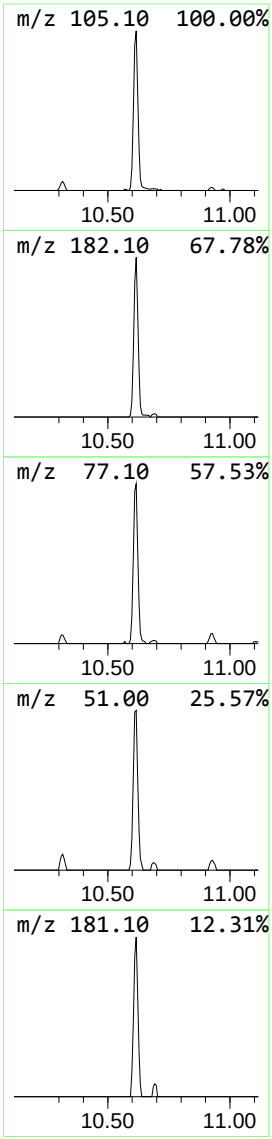
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 4.45 ng | 93498 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Benzoic acid, phenyl ester | 198 | C13H10O2 | 000093-99-2 | 47 |
| 3 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 47 |
| 4 | 5-Oxo-5-phenylpentanenitrile | 173 | C11H11NO | 1000486-83-7 | 47 |
| 5 | Vinyl benzoate | 148 | C9H8O2 | 000769-78-8 | 47 |



Sample Results: **BF144367.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

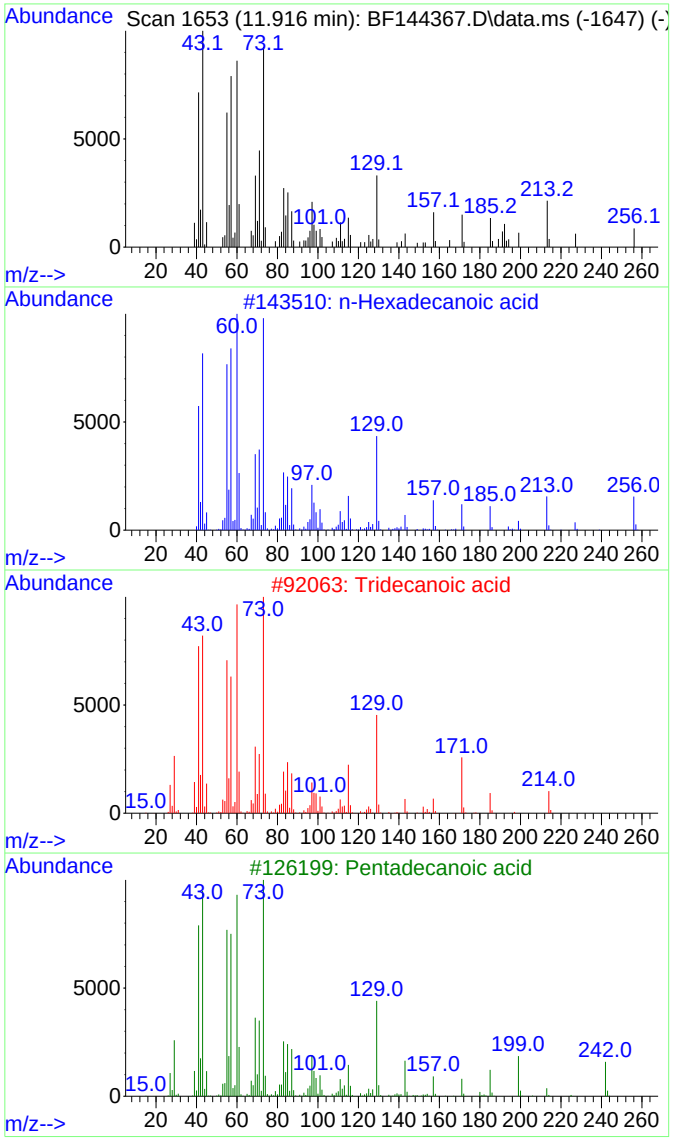
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

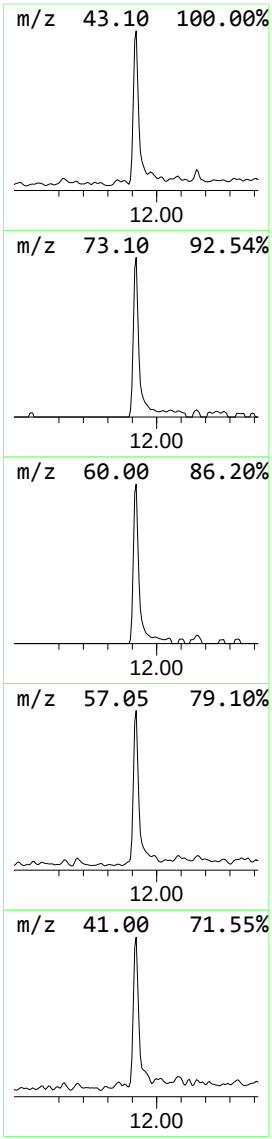
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 7.75 ng | 145900 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 76 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 5 | Oxalic acid, dodecyl propyl ester | 300 | C17H32O4 | 1000309-26-5 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

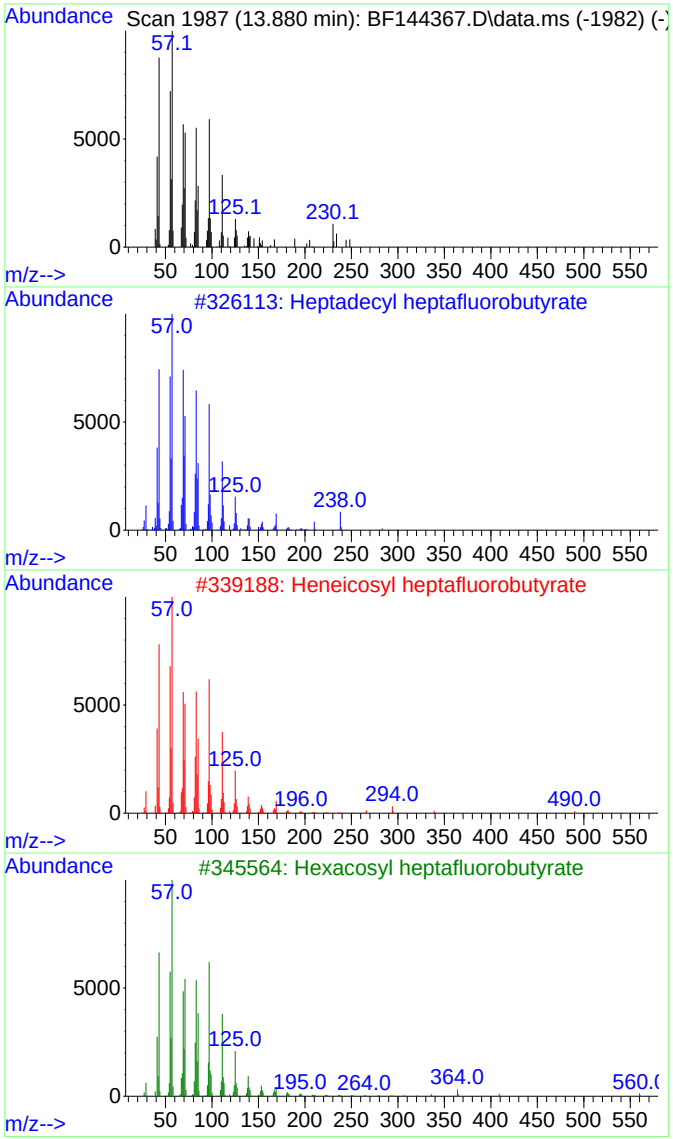
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

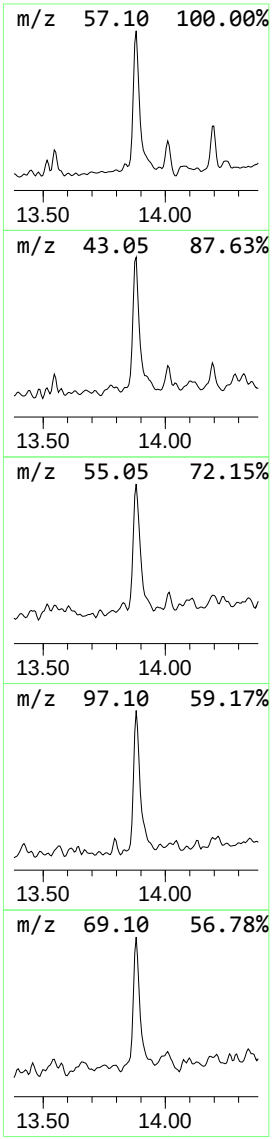
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 3.71 ng | 83747 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 93 |
| 2 | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 90 |
| 3 | Hexacosyl heptafluorobutyrate | 578 | C30H53F7O2 | 1000351-83-3 | 90 |
| 4 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 90 |
| 5 | Hexacosyl pentafluoropropionate | 528 | C29H53F5O2 | 1000351-81-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

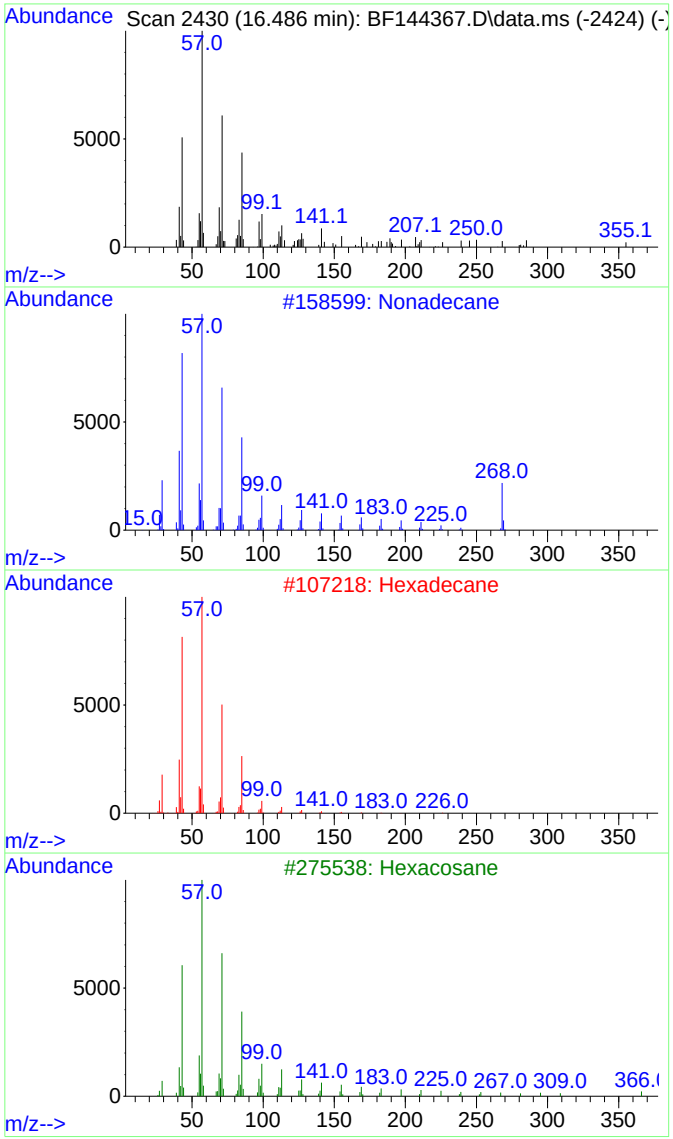
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

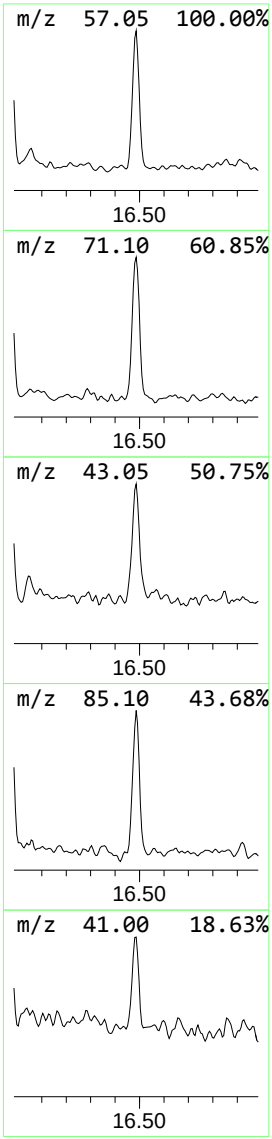
**********

Peak Number 6 Nonadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.486 | 3.36 ng | 76951 | Perylene-d12 | 15.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 95 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |



Sample Results: **BF144367.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
Operator : RC/JU
Sample : Q3719-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 4.5 | ng | 93498 | 3 | 9.898 | 420226 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 7.8 | ng | 145900 | 4 | 11.392 | 376450 | 20.0 |
| Heptadecyl hept... | 13.880 | 3.7 | ng | 83747 | 5 | 14.039 | 450984 | 20.0 |
| Nonadecane | 16.486 | 3.4 | ng | 76951 | 6 | 15.527 | 457604 | 20.0 |

Raw Data: **BF144368.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-12B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-06 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 87.3 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 180 | U | 1 | 180 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 108-95-2 | Phenol | 25.3 | U | 1 | 25.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 27.8 | U | 1 | 27.8 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 27.9 | U | 1 | 27.9 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 95-48-7 | 2-Methylphenol | 34.2 | U | 1 | 34.2 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 42.9 | U | 1 | 42.9 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 98-86-2 | Acetophenone | 33.8 | U | 1 | 33.8 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 47.0 | U | 1 | 47.0 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 54.2 | U | 1 | 54.2 | 91.5 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 67-72-1 | Hexachloroethane | 20.1 | U | 1 | 20.1 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 98-95-3 | Nitrobenzene | 20.9 | U | 1 | 20.9 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 78-59-1 | Isophorone | 37.5 | U | 1 | 37.5 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 66.6 | U | 1 | 66.6 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 74.2 | U | 1 | 74.2 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 35.2 | U | 1 | 35.2 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 32.4 | U | 1 | 32.4 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 91-20-3 | Naphthalene | 96.5 | J | 1 | 26.0 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 40.5 | U | 1 | 40.5 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 29.0 | U | 1 | 29.0 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 105-60-2 | Caprolactam | 59.6 | U | 1 | 59.6 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 32.8 | U | 1 | 32.8 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 29.3 | U | 1 | 29.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.7 | U | 1 | 22.7 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 33.3 | U | 1 | 33.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 24.9 | U | 1 | 24.9 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 25.7 | U | 1 | 25.7 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 55.0 | U | 1 | 55.0 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 131-11-3 | Dimethylphthalate | 31.0 | U | 1 | 31.0 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 208-96-8 | Acenaphthylene | 33.1 | U | 1 | 33.1 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 38.4 | U | 1 | 38.4 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 52.6 | U | 1 | 52.6 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 83-32-9 | Acenaphthene | 24.4 | U | 1 | 24.4 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 132-64-9 | Dibenzofuran | 26.0 | U | 1 | 26.0 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 57.3 | U | 1 | 57.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 84-66-2 | Diethylphthalate | 32.4 | U | 1 | 32.4 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30.6 | U | 1 | 30.6 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 86-73-7 | Fluorene | 29.0 | U | 1 | 29.0 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 73.5 | U | 1 | 73.5 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |

Raw Data: **BF144368.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-12B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-06 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 87.3 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 37.6 | U | 1 | 37.6 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 31.8 | U | 1 | 31.8 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 29.0 | U | 1 | 29.0 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 1912-24-9 | Atrazine | 38.9 | U | 1 | 38.9 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 87-86-5 | Pentachlorophenol | 58.7 | U | 1 | 58.7 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 85-01-8 | Phenanthrene | 160 | J | 1 | 23.9 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 120-12-7 | Anthracene | 38.1 | U | 1 | 38.1 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 86-74-8 | Carbazole | 35.7 | U | 1 | 35.7 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 54.8 | U | 1 | 54.8 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 206-44-0 | Fluoranthene | 260 | | 1 | 34.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 129-00-0 | Pyrene | 170 | J | 1 | 41.2 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 81.7 | U | 1 | 81.7 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 42.0 | U | 1 | 42.0 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 150 | J | 1 | 26.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 218-01-9 | Chrysene | 120 | J | 1 | 22.8 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 67.7 | U | 1 | 67.7 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 99.3 | U | 1 | 99.3 | 380 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 160 | J | 1 | 21.7 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 25.6 | U | 1 | 25.6 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 120 | J | 1 | 33.8 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 33.3 | U | 1 | 33.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 31.4 | U | 1 | 31.4 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 29.4 | U | 1 | 29.4 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 29.3 | U | 1 | 29.3 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 51.7 | U | 1 | 51.7 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 31.4 | U | 1 | 31.4 | 190 | ug/Kg | 11/26/25 18:42 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 79.1 | | | 10 - 105 | 53% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 80.6 | | | 10 - 103 | 54% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 57.7 | | | 10 - 108 | 58% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 53.6 | | | 10 - 108 | 54% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 62.0 | | | 10 - 116 | 41% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 33.2 | | | 10 - 109 | 33% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 51700 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 197000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 102000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 153000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 134000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 160000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 230 | J | | | 10.6 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 530 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144368.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-12B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-06 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 87.3 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000057-11-4 | Octadecanoic acid | 150 | J | | | 12.7 | ug/Kg | | |
| 025276-70-4 | 1-Pentadecanethiol | 180 | J | | | 13.9 | ug/Kg | | |
| 000629-78-7 | Heptadecane | 89.6 | J | | | 16.0 | 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

Sample Results: **BF144368.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 27 00:50:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 51725 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 197457 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 101915 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 153449 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 134244 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 160199 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 261515 | 79.118 | ng | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 301728 | 80.563 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 197188 | 57.676 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 79353 | 62.047 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 369777 | 53.587 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 280360 | 33.173 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 8.163 | 128 | 23775 | 2.531 | ng | 96 |
| 71) Phenanthrene | 11.416 | 178 | 32956 | 4.314 | ng | 97 |
| 75) Fluoranthene | 12.610 | 202 | 53767 | 6.813 | ng | 98 |
| 78) Pyrene | 12.839 | 202 | 46991 | 4.341 | ng | 98 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 35831 | 3.851 | ng | 94 |
| 83) Chrysene | 14.068 | 228 | 28057m | 3.267 | ng | |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 38435m | 4.220 | ng | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 27191 | 3.236 | ng | # 89 |

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

Sample Results: **BF144368.D**

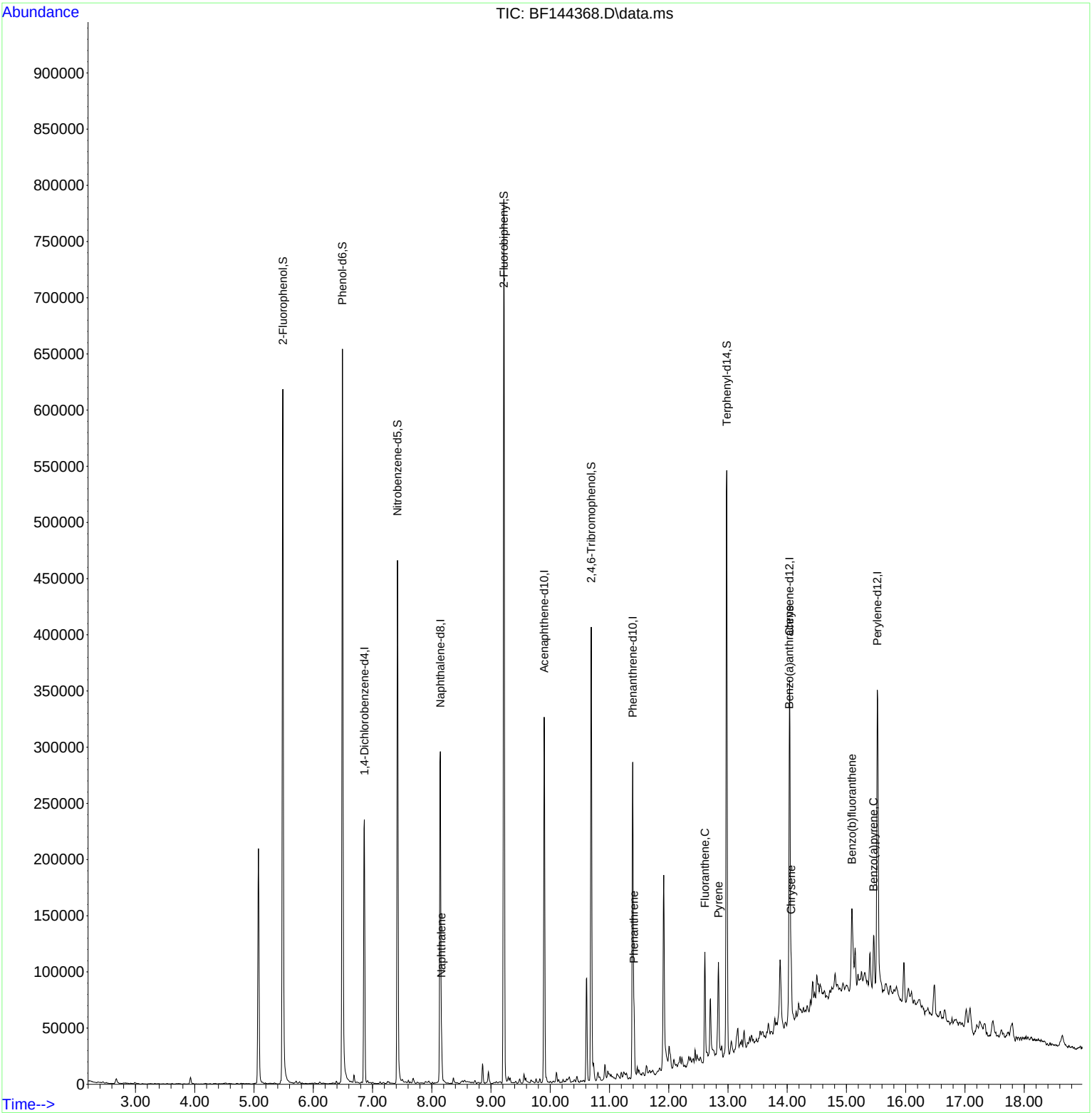
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

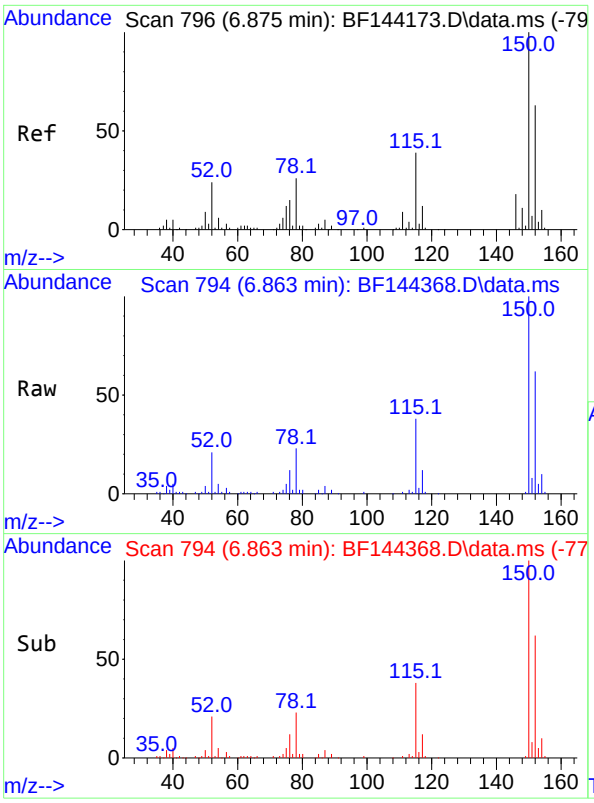
Quant Time: Nov 27 00:50:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

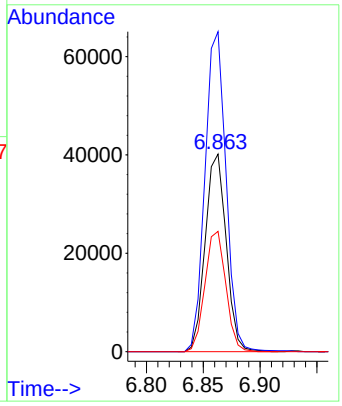





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:152 Resp: 5172

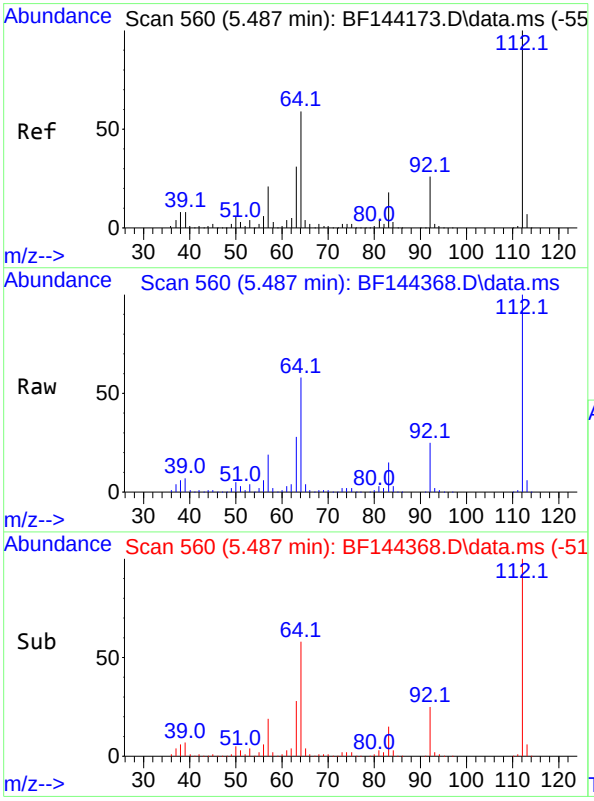
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.0 | 127.4 | 191.0 |
| 115 | 60.9 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

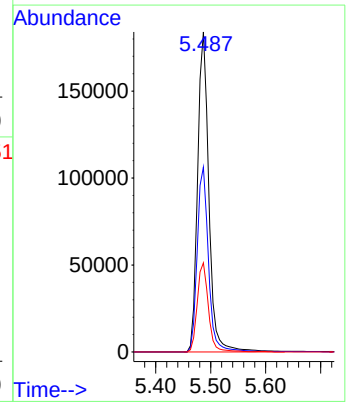
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

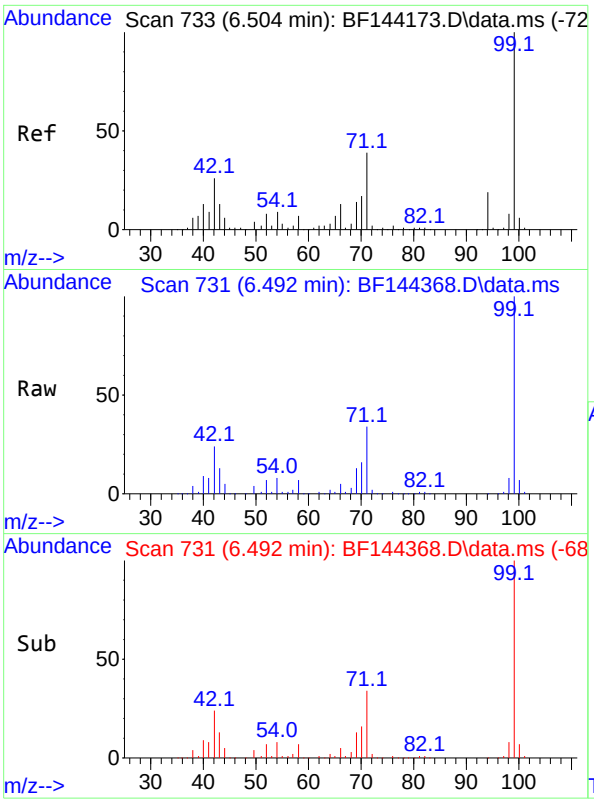



#5
2-Fluorophenol
Concen: 79.118 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:112 Resp: 261515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.7 | 47.2 | 70.8 |
| 63 | 27.8 | 24.4 | 36.6 |

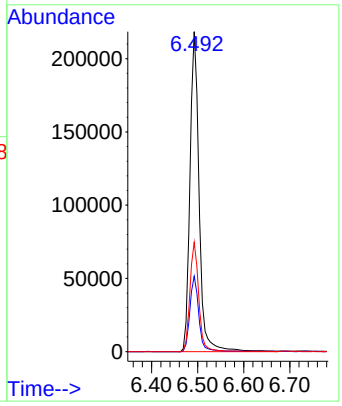





#7
Phenol-d6
Concen: 80.563 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion: 99 Resp: 30172

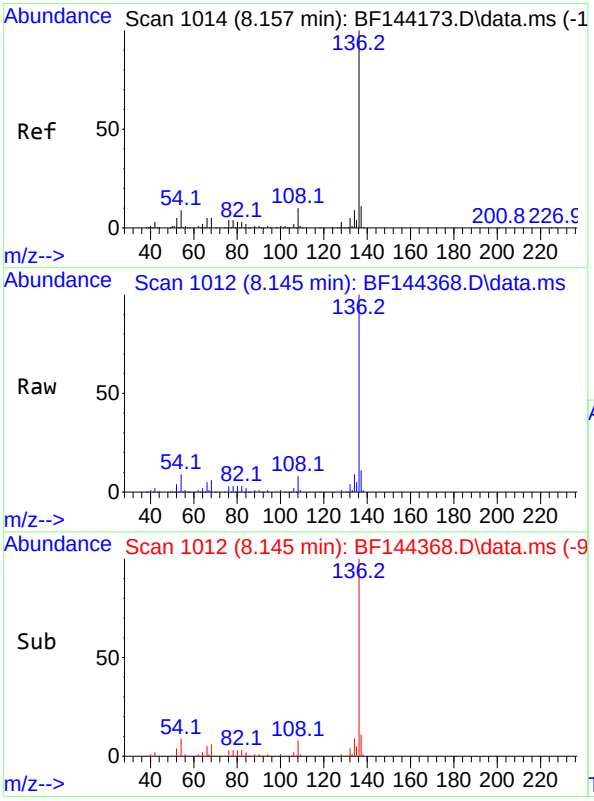
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.6 | 20.9 | 31.3 |
| 71 | 34.2 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

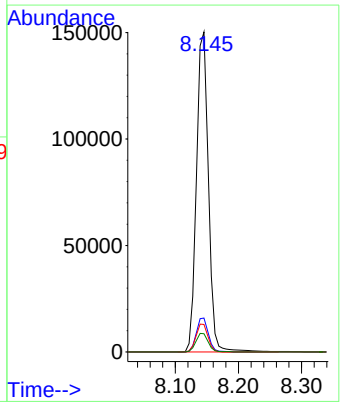
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

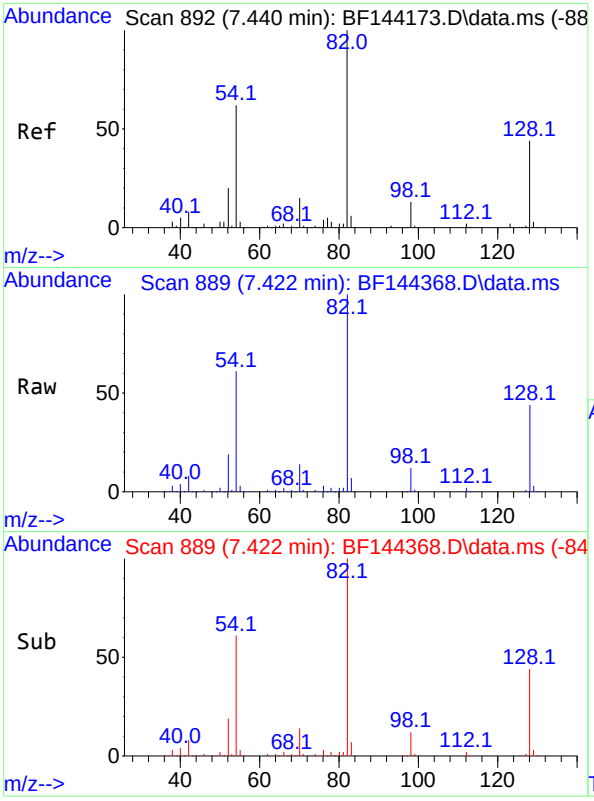



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:136 Resp: 197457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 8.6 | 7.0 | 10.6 |
| 68 | 5.7 | 4.3 | 6.5 |

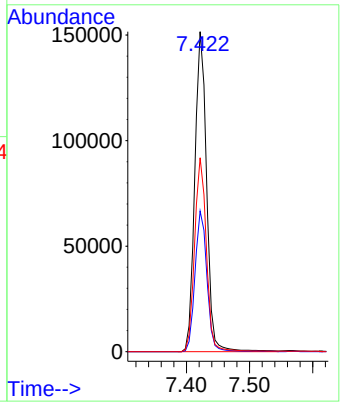





#23
Nitrobenzene-d5
Concen: 57.676 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion: 82 Resp: 19718

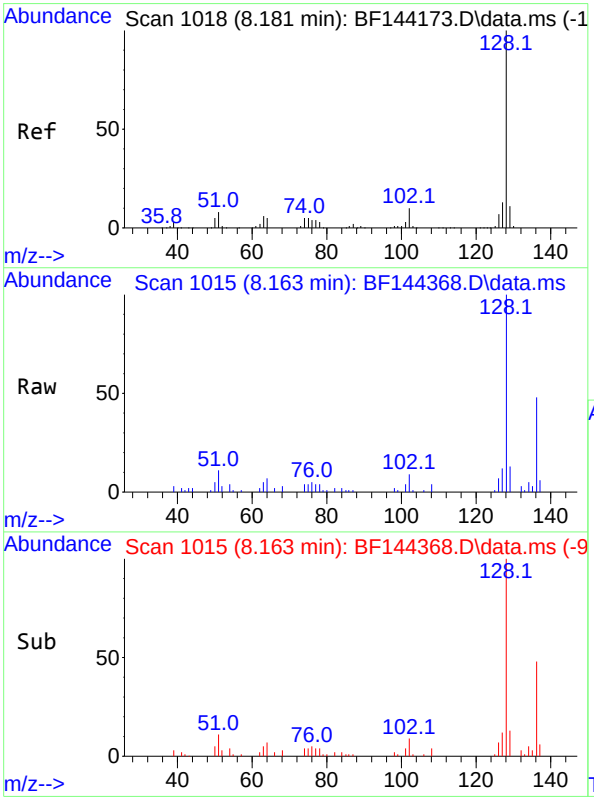
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.0 | 34.7 | 52.1 |
| 54 | 60.6 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

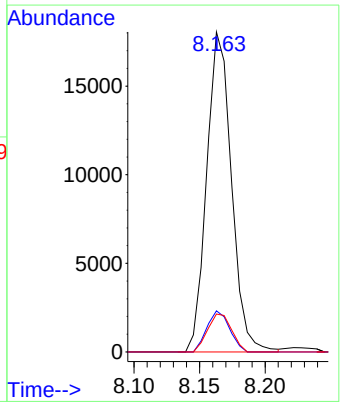
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

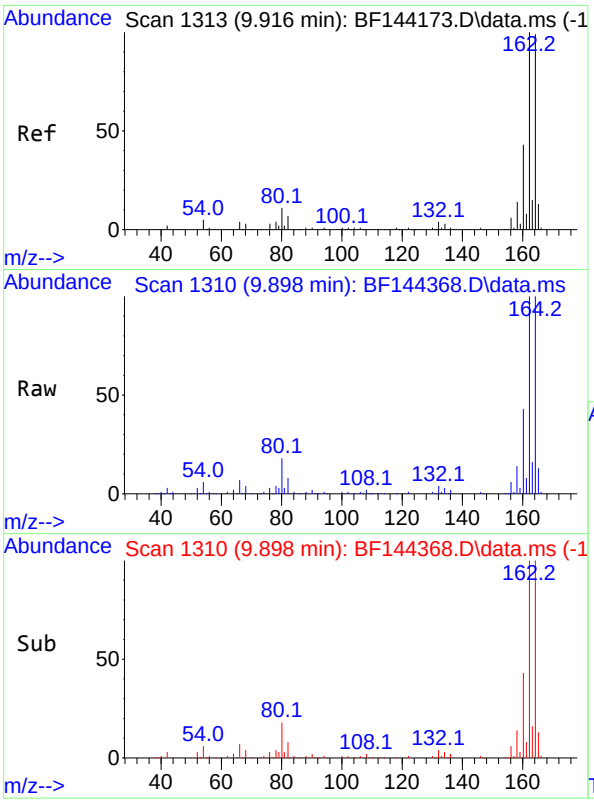



#31
Naphthalene
Concen: 2.531 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:128 Resp: 23775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.9 | 8.9 | 13.3 |
| 127 | 11.8 | 10.3 | 15.5 |

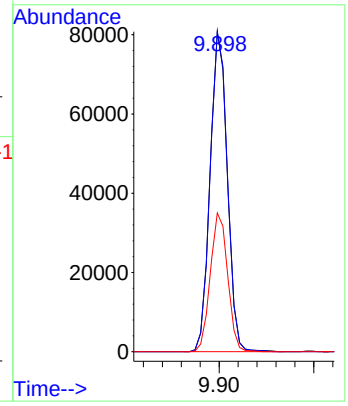





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:164 Resp: 10191

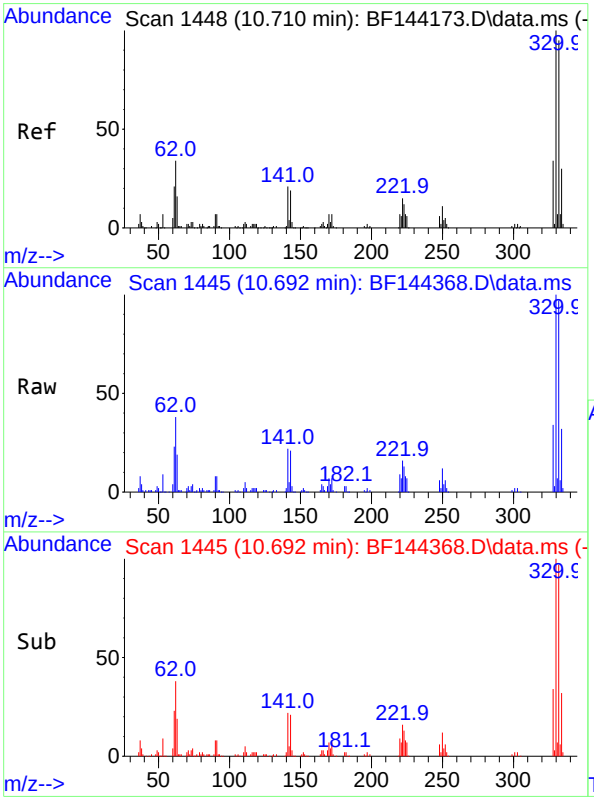
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 81.1 | 121.7 |
| 160 | 43.4 | 34.5 | 51.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

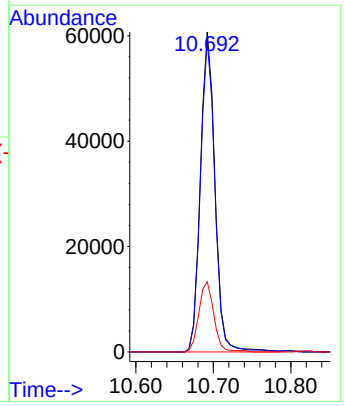
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

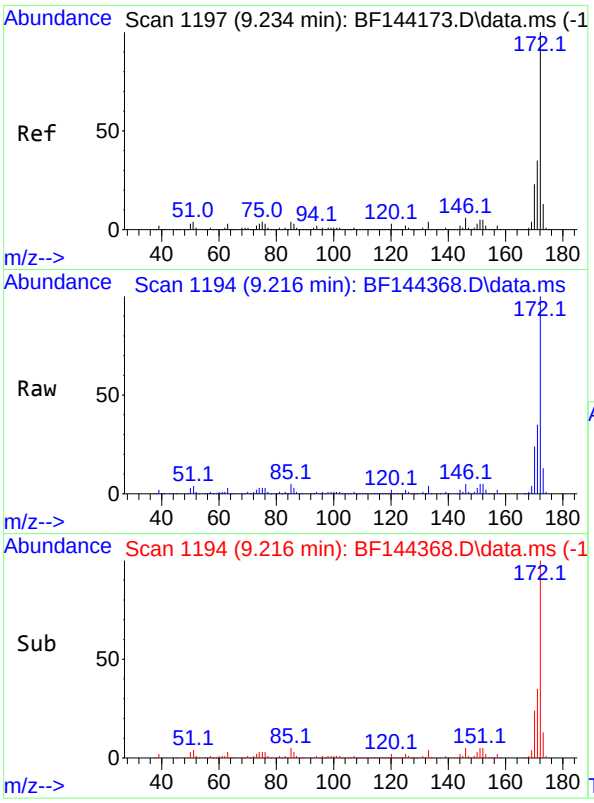



#42
2,4,6-Tribromophenol
Concen: 62.047 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:330 Resp: 79353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.7 | 115.1 |
| 141 | 22.7 | 17.8 | 26.8 |

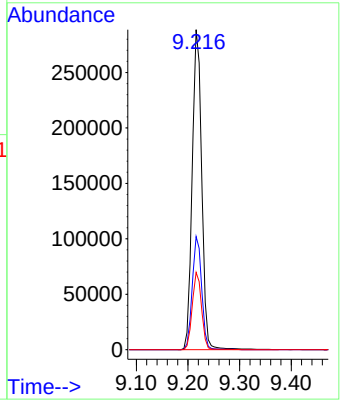





#45
2-Fluorobiphenyl
Concen: 53.587 ng
RT: 9.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:172 Resp: 36977

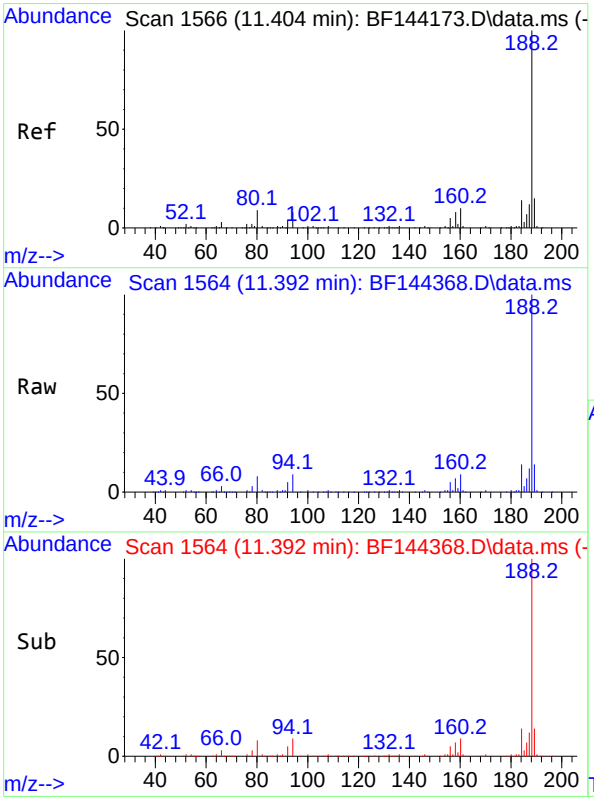
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.1 | 42.1 |
| 170 | 24.1 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

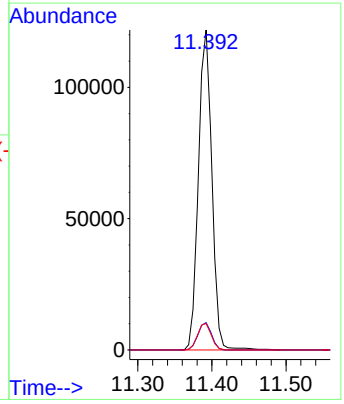
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

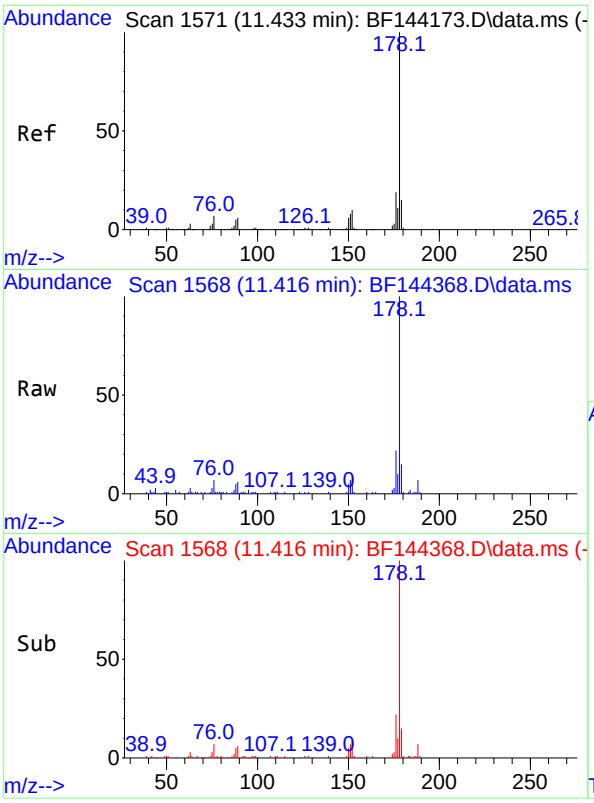



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:188 Resp: 153449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 6.2 | 9.2 |
| 80 | 8.2 | 6.9 | 10.3 |

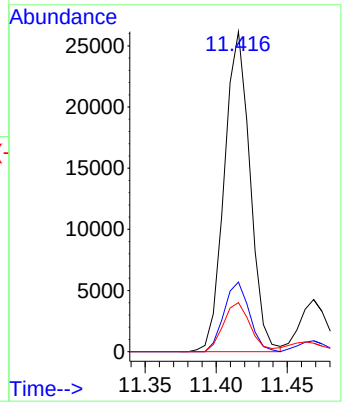





#71
Phenanthrene
Concen: 4.314 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:178 Resp: 3295

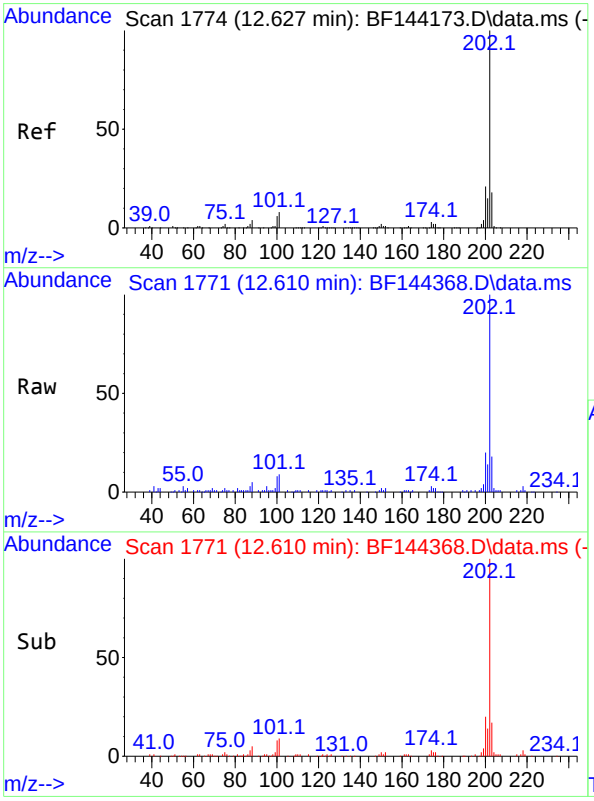
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.8 | 15.5 | 23.3 |
| 179 | 15.4 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

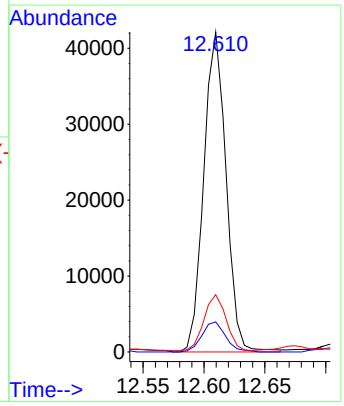
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

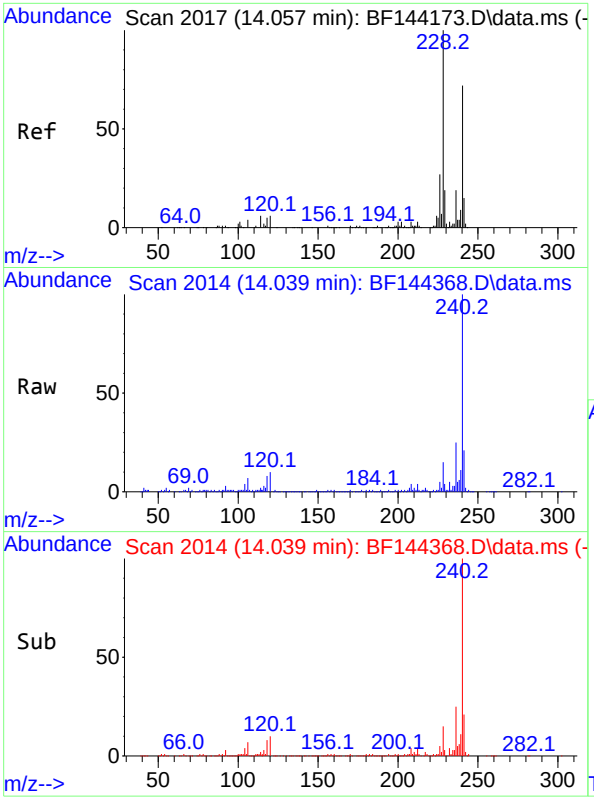



#75
Fluoranthene
Concen: 6.813 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:202 Resp: 53767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.4 | 0.0 | 27.9 |
| 203 | 17.9 | 0.0 | 37.5 |

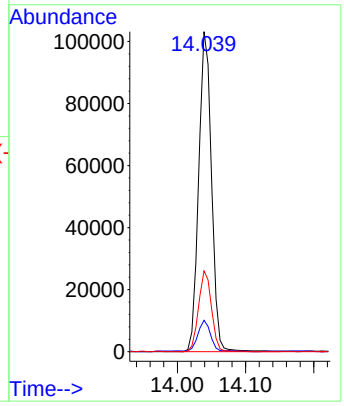





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:240 Resp: 13424

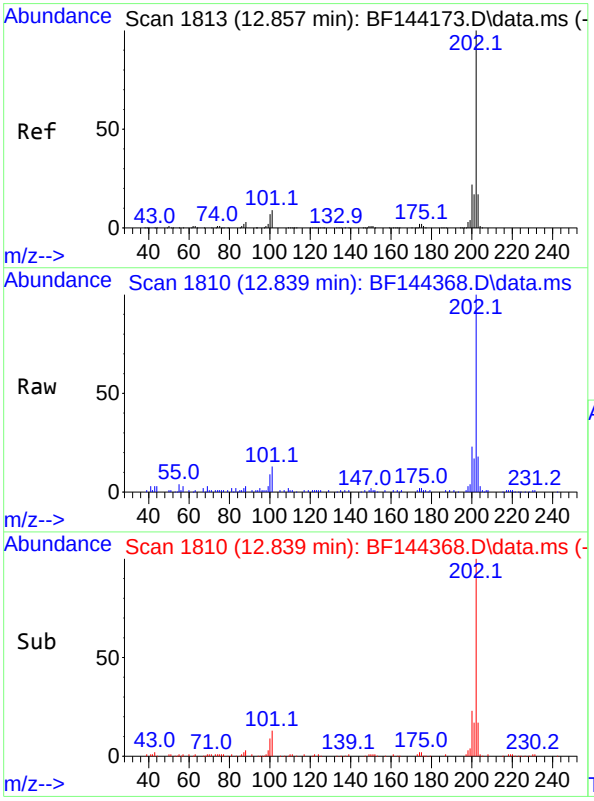
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 6.6 | 10.0 |
| 236 | 25.2 | 21.4 | 32.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

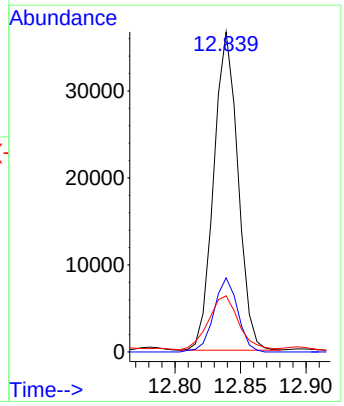
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

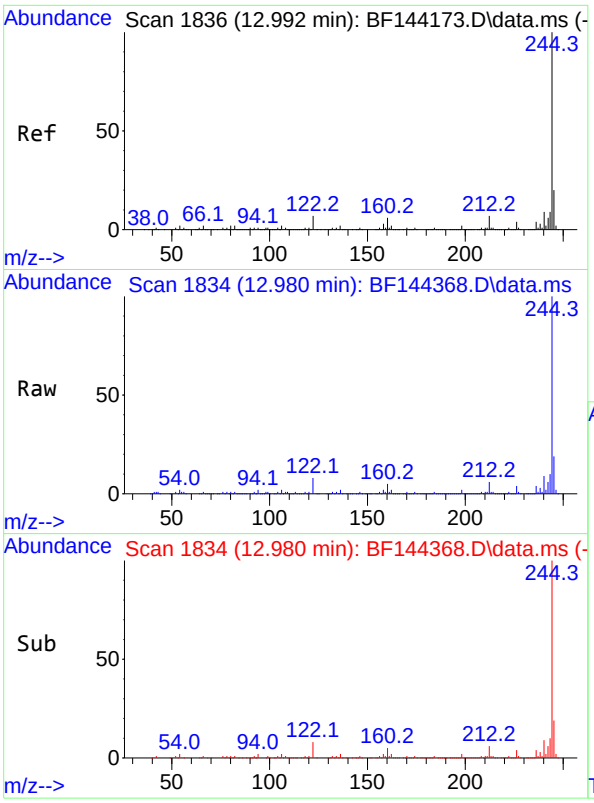



#78
Pyrene
Concen: 4.341 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:202 Resp: 46991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.1 | 17.2 | 25.8 |
| 203 | 17.6 | 13.7 | 20.5 |






#79
Terphenyl-d14
Concen: 33.173 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

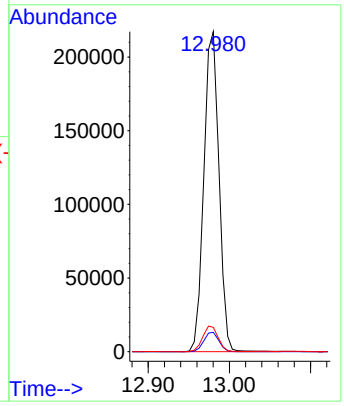
Tgt Ion:244 Resp: 28036

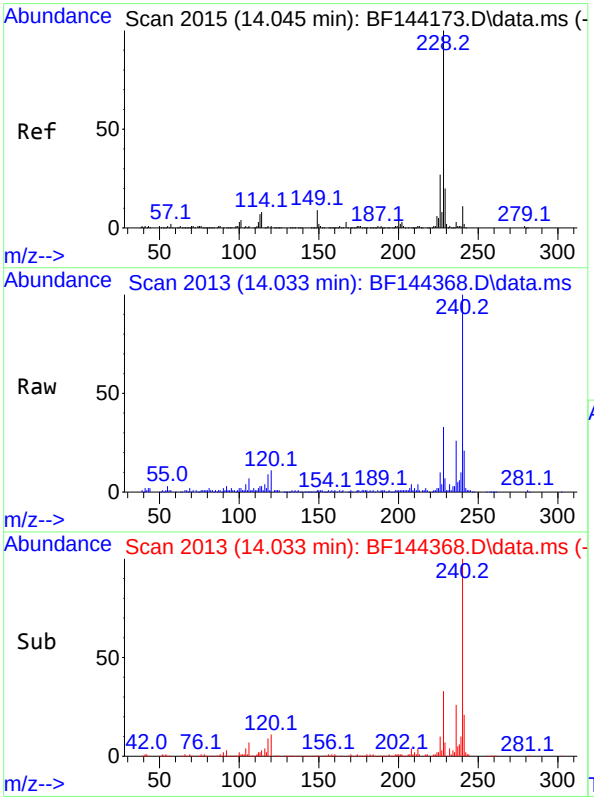
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.3 | 7.9 |
| 122 | 7.6 | 5.6 | 8.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

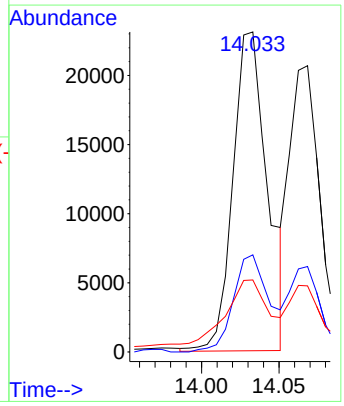


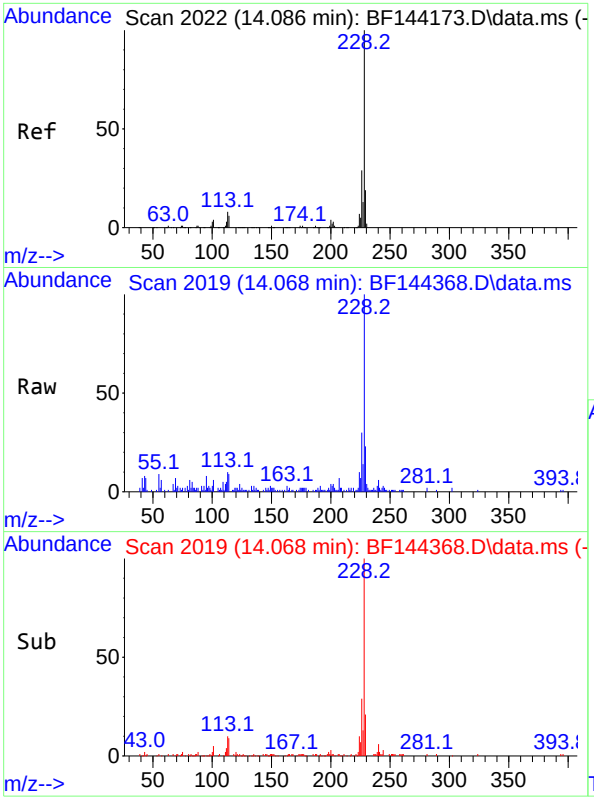




#81
Benzo(a)anthracene
Concen: 3.851 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:228 Resp: 35831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 21.8 | 32.8 |
| 229 | 22.5 | 15.8 | 23.6 |

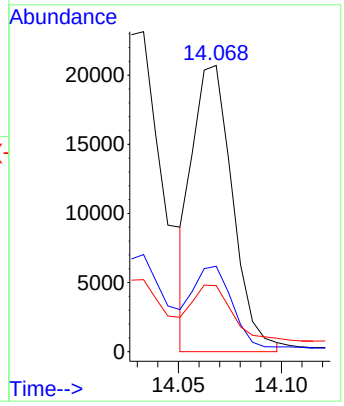





#83
Chrysene
Concen: 3.267 ng m
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:228 Resp: 2805

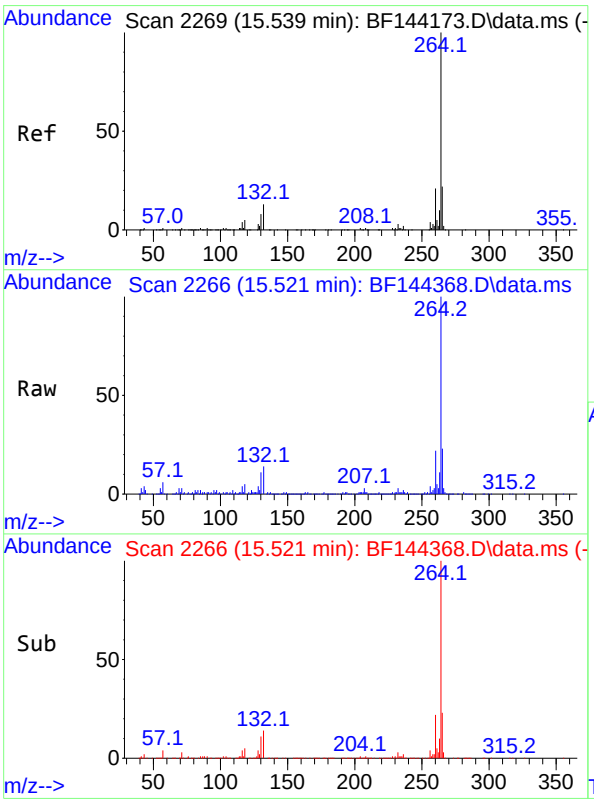
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 22.9 | 34.3 |
| 229 | 23.1 | 15.0 | 22.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

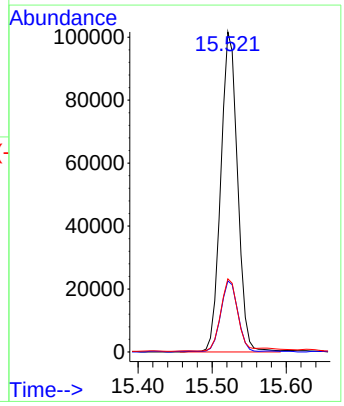
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

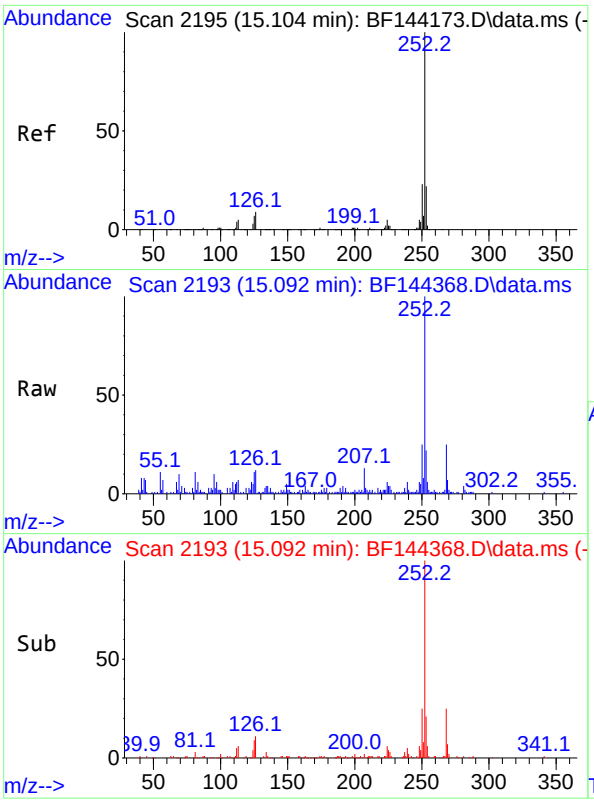



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:264 Resp: 160199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 17.1 | 25.7 |
| 265 | 22.9 | 17.4 | 26.0 |

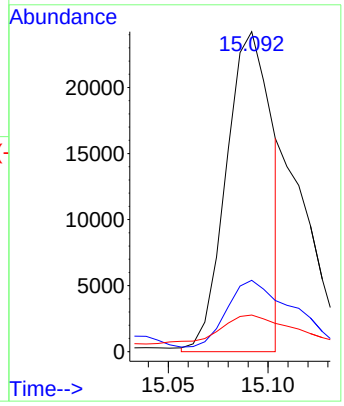





#88
Benzo(b)fluoranthene
Concen: 4.220 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:252 Resp: 3843

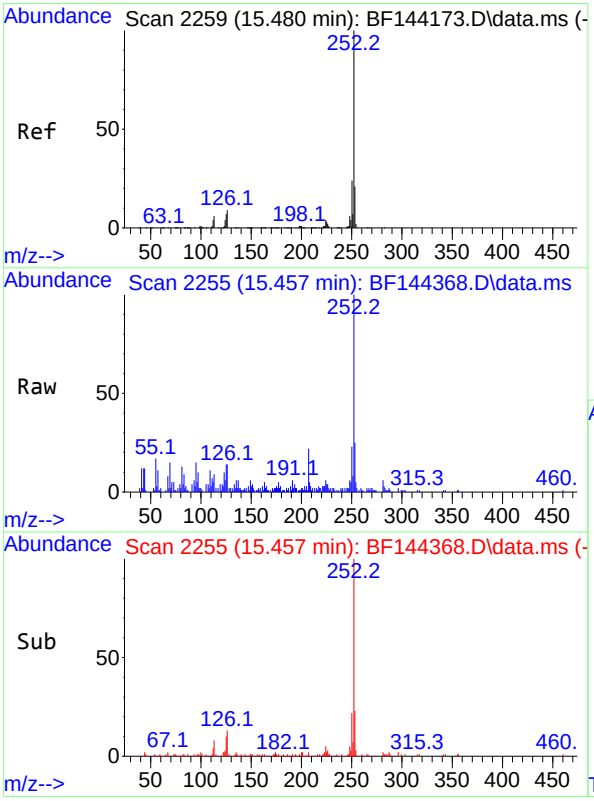
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 11.4 | 5.3 | 7.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

**Manual Integrations**
**APPROVED**

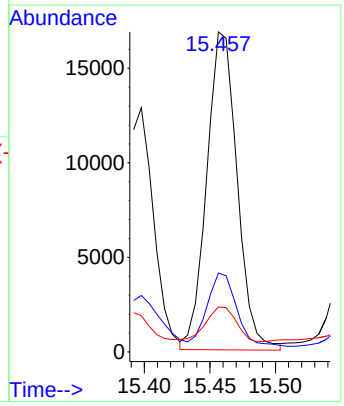
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#90
Benzo(a)pyrene
Concen: 3.236 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.018 min
Lab File: BF144368.D
Acq: 26 Nov 2025 18:42

Tgt Ion:252 Resp: 27191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.7 | 16.7 | 25.1 |
| 125 | 14.0 | 5.7 | 8.5# |



Sample Results: **BF144368.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144368.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 499 | rBV | 208610 | 304504 | 30.92% | 3.416% |
| 2 | 5.487 | 554 | 560 | 580 | rVB | 616888 | 862929 | 87.63% | 9.681% |
| 3 | 6.492 | 726 | 731 | 753 | rVB | 652158 | 885885 | 89.96% | 9.938% |
| 4 | 6.863 | 789 | 794 | 800 | rVB | 233761 | 300850 | 30.55% | 3.375% |
| 5 | 7.422 | 884 | 889 | 900 | rBV | 464910 | 603655 | 61.30% | 6.772% |
| 6 | 8.145 | 1002 | 1012 | 1029 | rVB | 295086 | 440009 | 44.68% | 4.936% |
| 7 | 8.857 | 1129 | 1133 | 1138 | rBV | 17214 | 21382 | 2.17% | 0.240% |
| 8 | 8.957 | 1140 | 1150 | 1158 | rVB2 | 10201 | 17030 | 1.73% | 0.191% |
| 9 | 9.216 | 1189 | 1194 | 1203 | rBV | 786702 | 984760 | 100.00% | 11.048% |
| 10 | 9.557 | 1247 | 1252 | 1255 | rBV | 7971 | 11213 | 1.14% | 0.126% |
| 11 | 9.898 | 1303 | 1310 | 1315 | rBV | 325362 | 411487 | 41.79% | 4.616% |
| 12 | 10.104 | 1340 | 1345 | 1349 | rBV2 | 8249 | 11300 | 1.15% | 0.127% |
| 13 | 10.616 | 1426 | 1432 | 1440 | rBV | 92270 | 126526 | 12.85% | 1.419% |
| 14 | 10.692 | 1440 | 1445 | 1450 | rVV | 403336 | 525078 | 53.32% | 5.891% |
| 15 | 10.727 | 1450 | 1451 | 1458 | rVB2 | 15785 | 18609 | 1.89% | 0.209% |
| 16 | 10.804 | 1458 | 1464 | 1467 | rBV5 | 7445 | 12376 | 1.26% | 0.139% |
| 17 | 10.922 | 1476 | 1484 | 1489 | rBV2 | 14074 | 23973 | 2.43% | 0.269% |
| 18 | 11.127 | 1515 | 1519 | 1528 | rBV9 | 4586 | 10554 | 1.07% | 0.118% |
| 19 | 11.392 | 1559 | 1564 | 1574 | rBV2 | 281236 | 432713 | 43.94% | 4.854% |
| 20 | 11.621 | 1598 | 1603 | 1608 | rBV5 | 8966 | 16977 | 1.72% | 0.190% |
| 21 | 11.916 | 1646 | 1653 | 1665 | rBV3 | 173917 | 299672 | 30.43% | 3.362% |
| 22 | 12.004 | 1665 | 1668 | 1677 | rVB2 | 19544 | 42897 | 4.36% | 0.481% |
| 23 | 12.086 | 1678 | 1682 | 1687 | rBV6 | 7429 | 13344 | 1.36% | 0.150% |
| 24 | 12.221 | 1703 | 1705 | 1710 | rVB4 | 7714 | 10326 | 1.05% | 0.116% |
| 25 | 12.445 | 1740 | 1743 | 1746 | rBV | 11075 | 12364 | 1.26% | 0.139% |
| 26 | 12.610 | 1766 | 1771 | 1776 | rBV | 98826 | 136869 | 13.90% | 1.535% |
| 27 | 12.704 | 1782 | 1787 | 1800 | rVB2 | 50370 | 86410 | 8.77% | 0.969% |
| 28 | 12.839 | 1804 | 1810 | 1817 | rBV | 81274 | 125265 | 12.72% | 1.405% |
| 29 | 12.980 | 1828 | 1834 | 1841 | rVB | 519507 | 689603 | 70.03% | 7.736% |
| 30 | 13.168 | 1859 | 1866 | 1869 | rBV3 | 16944 | 32270 | 3.28% | 0.362% |
| 31 | 13.274 | 1880 | 1884 | 1889 | rVB | 14895 | 23296 | 2.37% | 0.261% |
| 32 | 13.880 | 1983 | 1987 | 1998 | rVB2 | 60944 | 120817 | 12.27% | 1.355% |
| 33 | 14.039 | 2008 | 2014 | 2028 | rBV2 | 302784 | 511257 | 51.92% | 5.736% |
| 34 | 15.092 | 2189 | 2193 | 2199 | rBV2 | 61476 | 118975 | 12.08% | 1.335% |
| 35 | 15.398 | 2242 | 2245 | 2251 | rVB | 30558 | 45215 | 4.59% | 0.507% |
| 36 | 15.457 | 2252 | 2255 | 2260 | rVV | 47575 | 78408 | 7.96% | 0.880% |

Sample Results: **BF144368.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.521 | 2261 | 2266 | 2281 | rVB | 268879 | 487669 | 49.52% | 5.471% |
| 38 | 15.968 | 2338 | 2342 | 2347 | rVB | 35538 | 57227 | 5.81% | 0.642% |

Sum of corrected areas: 8913694

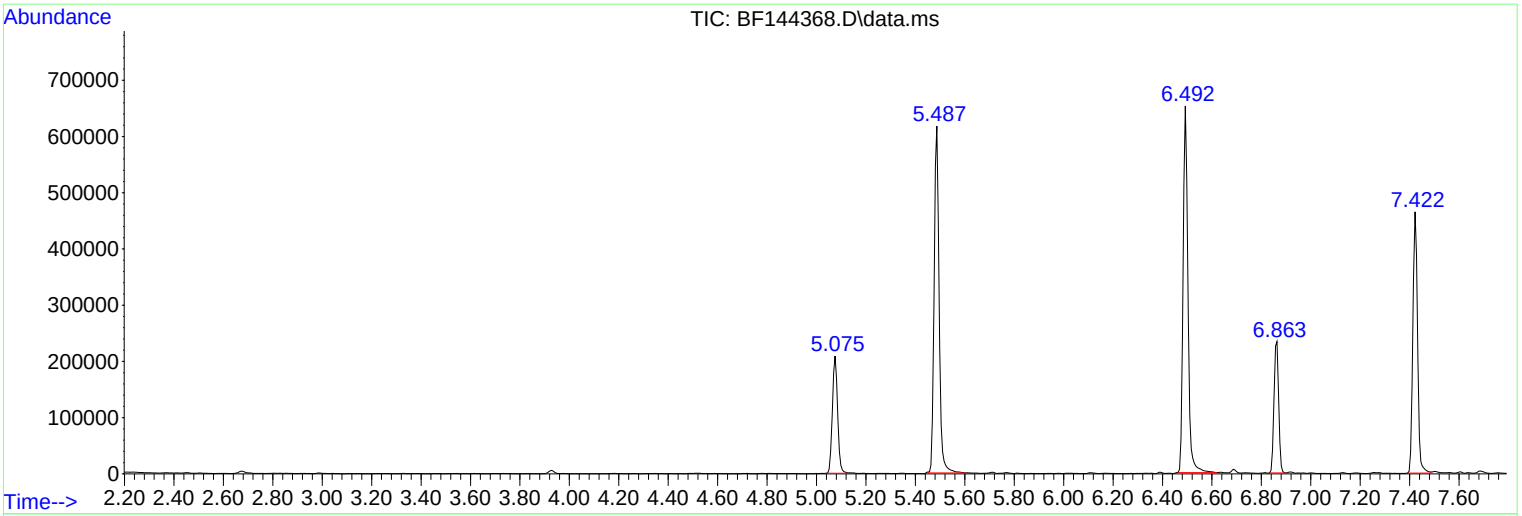
Sample Results: **BF144368.D**

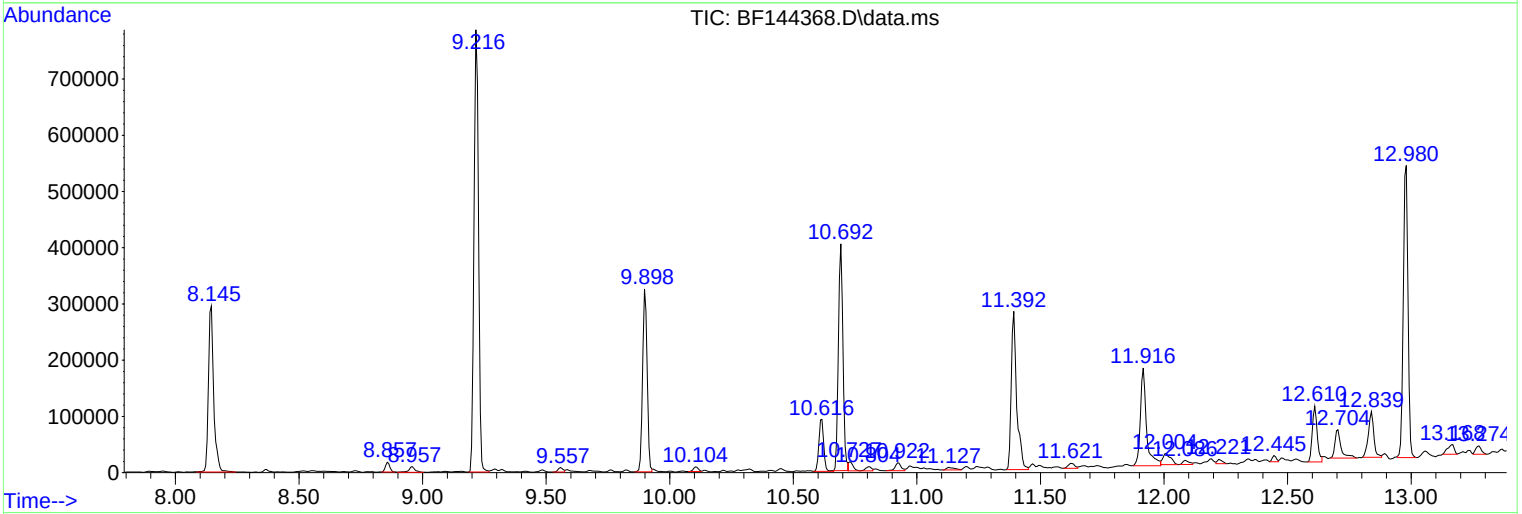
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

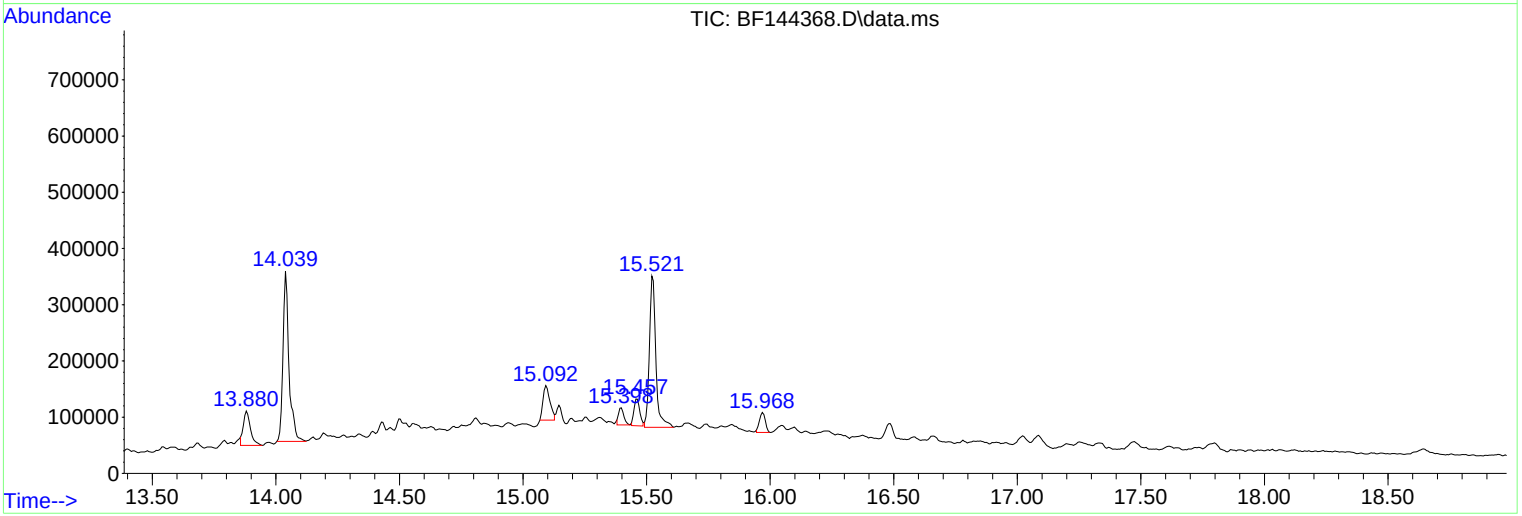
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

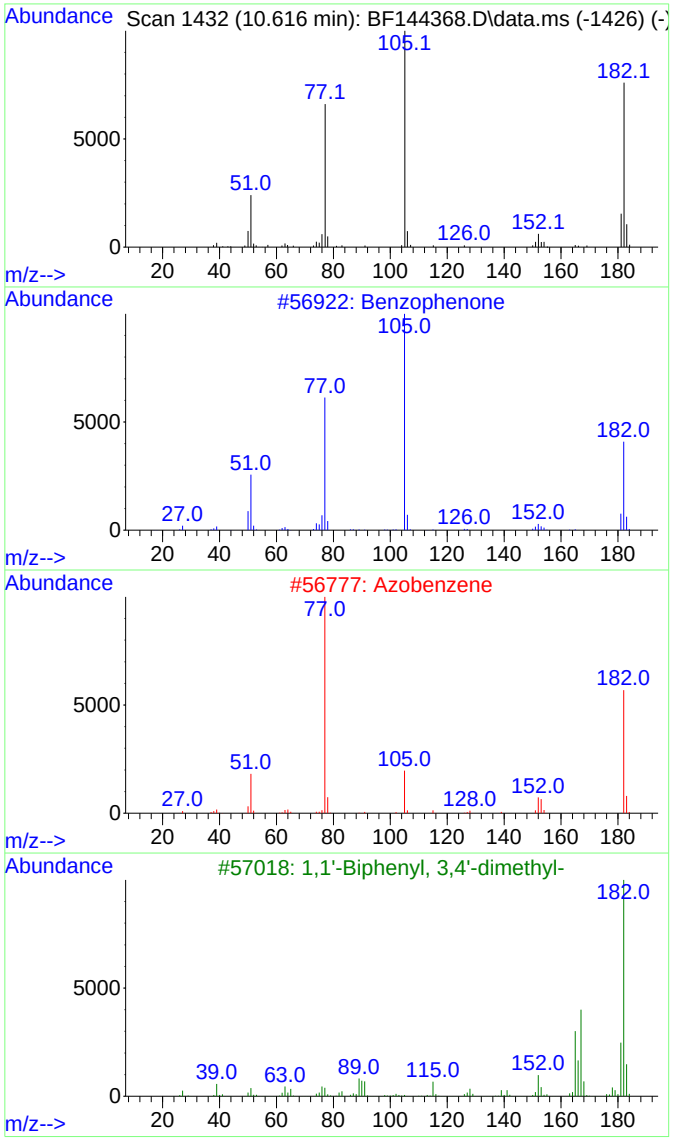
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

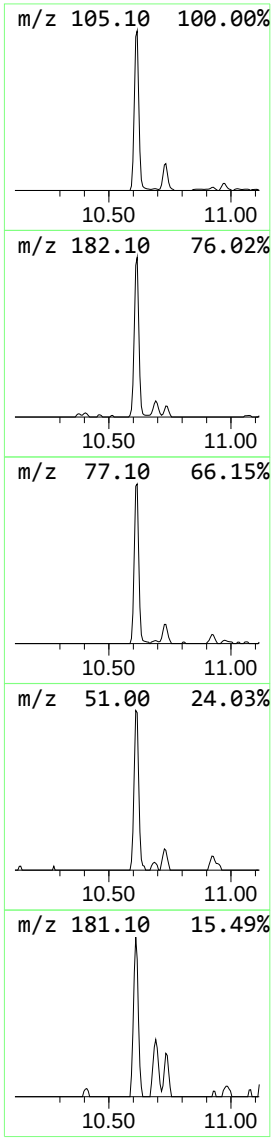
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 6.15 ng | 126526 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 53 |
| 3 | 1,1'-Biphenyl, 3,4'-dimethyl- | 182 | C14H14 | 007383-90-6 | 46 |
| 4 | 3,3'-Dimethylbiphenyl | 182 | C14H14 | 000612-75-9 | 43 |
| 5 | 2,4,6-Trimethoxytoluene | 182 | C10H14O3 | 014107-97-2 | 43 |



Sample Results: **BF144368.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

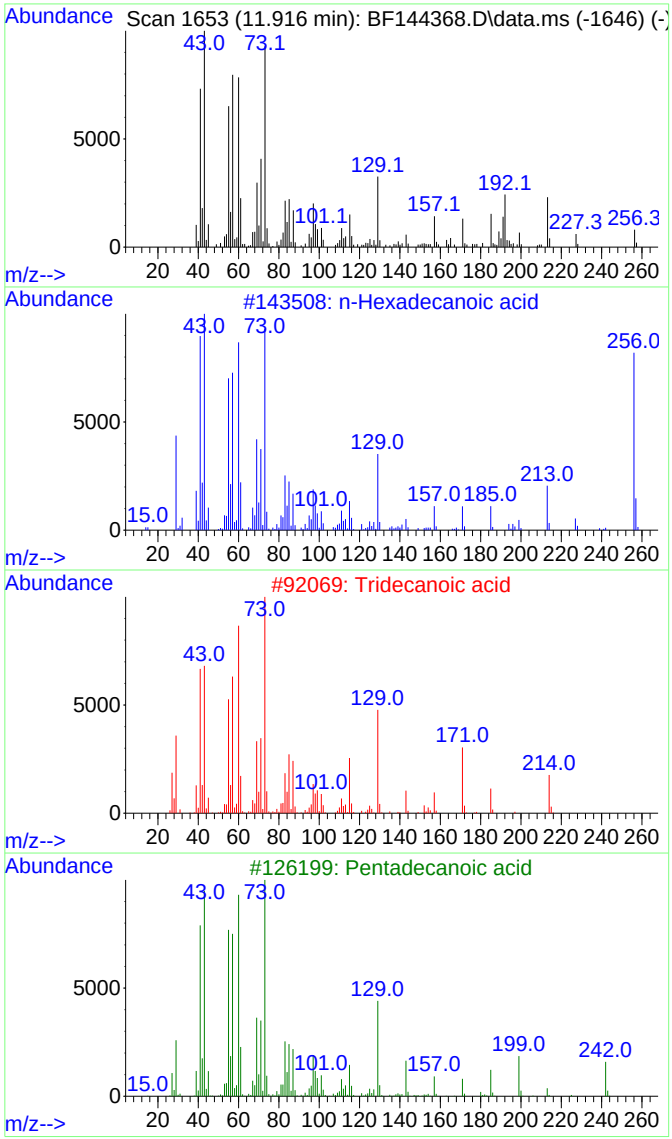
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

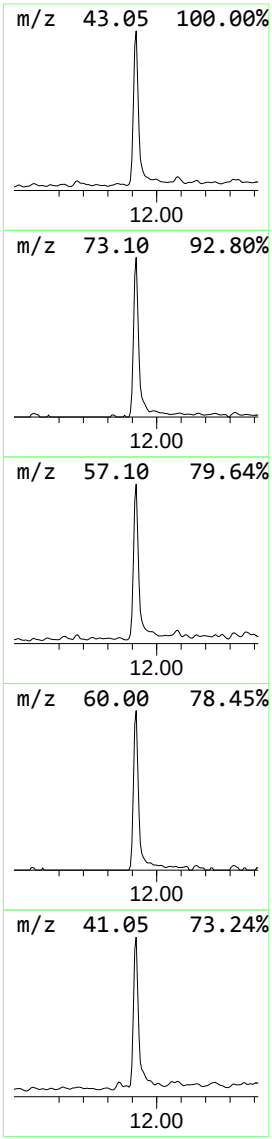
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 13.85 ng | 299672 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 76 |
| 4 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 38 |
| 5 | n-Butyl n-pentyl disulfide | 192 | C9H20S2 | 072437-52-6 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

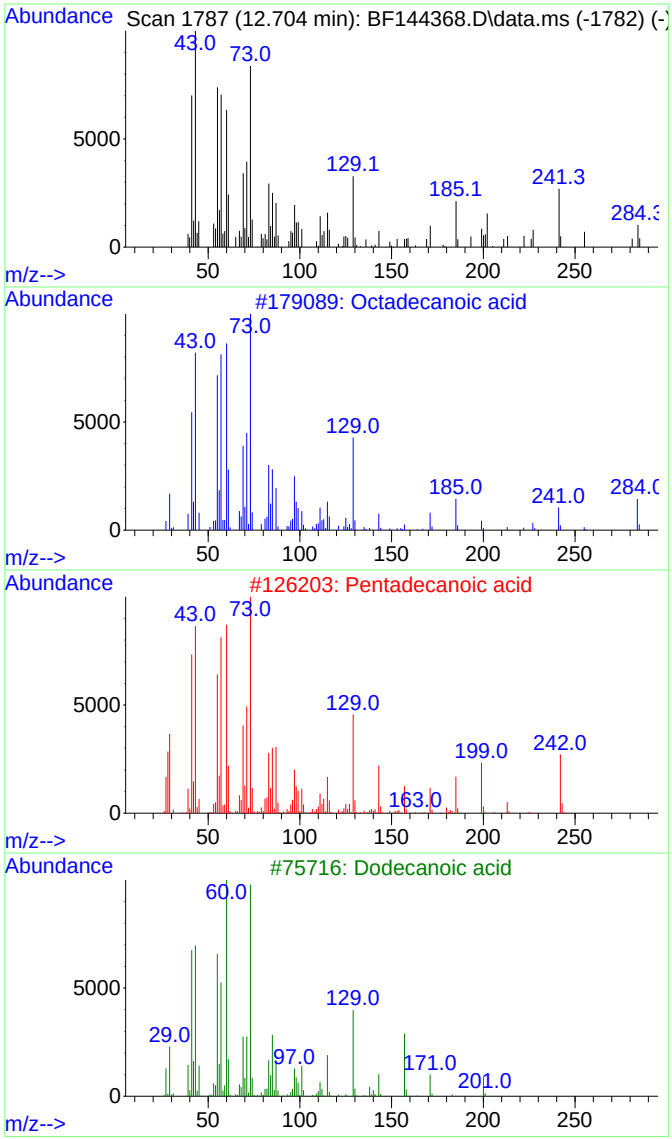
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

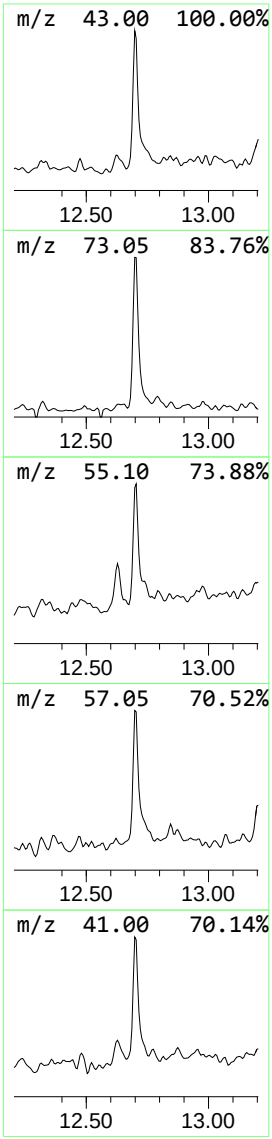
**********

Peak Number 4 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.704 | 3.99 ng | 86410 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 70 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 58 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

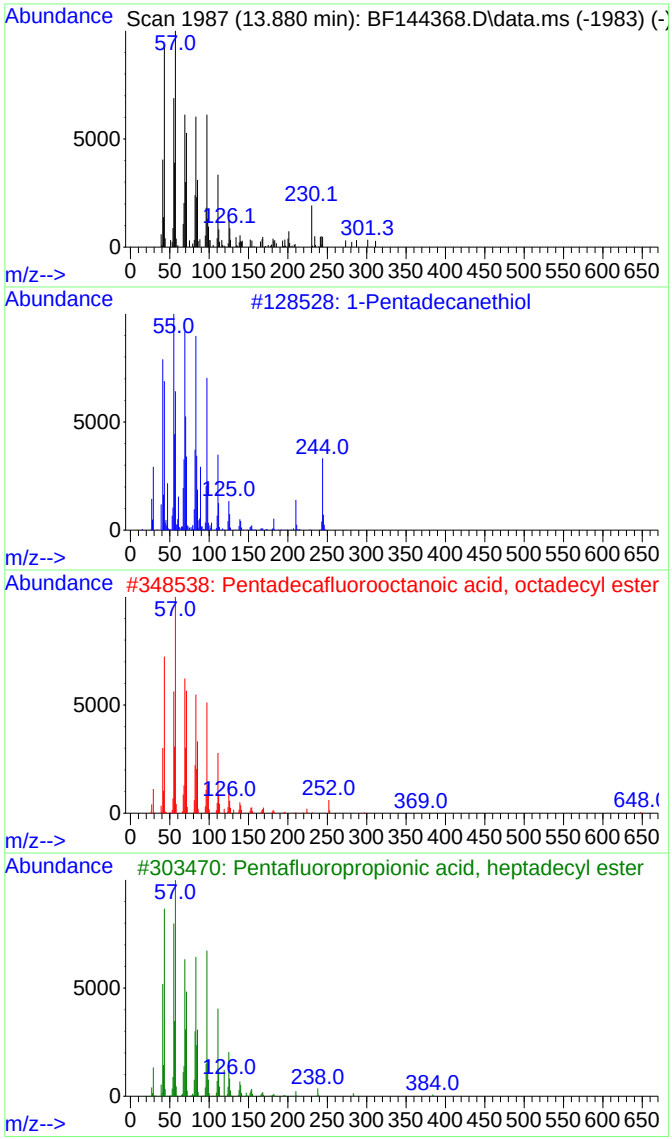
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

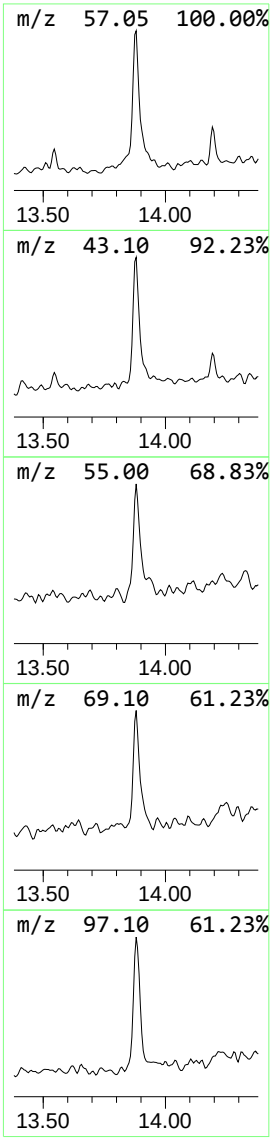
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1-Pentadecanethiol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 4.73 ng | 120817 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentadecanethiol | 244 | C15H32S | 025276-70-4 | 93 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 91 |
| 3 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 87 |
| 4 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 81 |
| 5 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

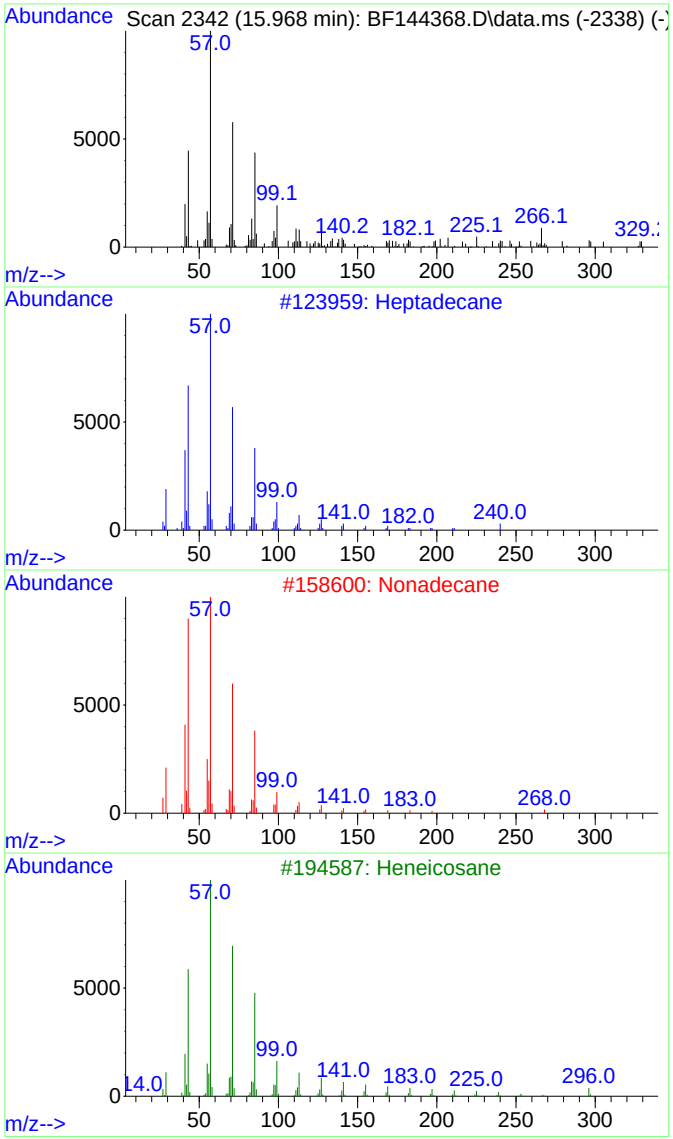
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

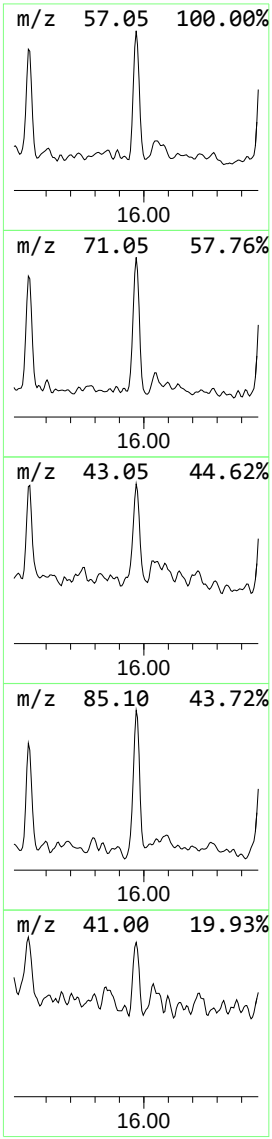
**********

Peak Number 6 Heptadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.968 | 2.35 ng | 57227 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 81 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 81 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 72 |
| 5 | 1-Iodoundecane | 282 | C11H23I | 004282-44-4 | 72 |



Sample Results: **BF144368.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144368.D
Acq On : 26 Nov 2025 18:42
Operator : RC/JU
Sample : Q3719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-12B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 6.2 | ng | 126526 | 3 | 9.898 | 411487 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 13.9 | ng | 299672 | 4 | 11.392 | 432713 | 20.0 |
| Octadecanoic acid | 12.704 | 4.0 | ng | 86410 | 4 | 11.392 | 432713 | 20.0 |
| 1-Pentadecanethiol | 13.880 | 4.7 | ng | 120817 | 5 | 14.039 | 511257 | 20.0 |
| Heptadecane | 15.968 | 2.4 | ng | 57227 | 6 | 15.521 | 487669 | 20.0 |

Raw Data: **BF144369.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | Date Collected: | 11/24/25 | |
| Project: | Saddler Property | | Date Received: | 11/25/25 | |
| Client Sample ID: | SB-1125-14A | | SDG No.: | Q3719 | |
| Lab Sample ID: | Q3719-07 | | Matrix: | SOIL | |
| Analytical Method: | 8270E | Level: LOW | % Solid: | 83.4 | |
| Sample Wt/Vol: | 30.06 g | Final Vol: 1000 uL | Test: | SVOC-TCL BNA -20 | |
| Prep Method : | SW3541 | Prep Date: 11/25/25 | | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 190 | U | 1 | 190 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 108-95-2 | Phenol | 26.4 | U | 1 | 26.4 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 29.1 | U | 1 | 29.1 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 29.2 | U | 1 | 29.2 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 95-48-7 | 2-Methylphenol | 35.8 | U | 1 | 35.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 44.9 | U | 1 | 44.9 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 98-86-2 | Acetophenone | 35.3 | U | 1 | 35.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 49.2 | U | 1 | 49.2 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 56.7 | U | 1 | 56.7 | 95.7 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 67-72-1 | Hexachloroethane | 21.1 | U | 1 | 21.1 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 98-95-3 | Nitrobenzene | 21.9 | U | 1 | 21.9 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 78-59-1 | Isophorone | 39.3 | U | 1 | 39.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 69.6 | U | 1 | 69.6 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 77.5 | U | 1 | 77.5 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 36.9 | U | 1 | 36.9 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 33.9 | U | 1 | 33.9 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 91-20-3 | Naphthalene | 89.7 | J | 1 | 27.2 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 42.4 | U | 1 | 42.4 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 30.3 | U | 1 | 30.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 105-60-2 | Caprolactam | 62.3 | U | 1 | 62.3 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 34.3 | U | 1 | 34.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 30.6 | U | 1 | 30.6 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 140 | U | 1 | 140 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 23.7 | U | 1 | 23.7 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 34.8 | U | 1 | 34.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 26.1 | U | 1 | 26.1 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 26.9 | U | 1 | 26.9 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 57.6 | U | 1 | 57.6 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 131-11-3 | Dimethylphthalate | 32.4 | U | 1 | 32.4 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 208-96-8 | Acenaphthylene | 34.6 | U | 1 | 34.6 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 40.2 | U | 1 | 40.2 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 55.0 | U | 1 | 55.0 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 83-32-9 | Acenaphthene | 25.5 | U | 1 | 25.5 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 270 | U | 1 | 270 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 130 | U | 1 | 130 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 132-64-9 | Dibenzofuran | 27.2 | U | 1 | 27.2 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 60.0 | U | 1 | 60.0 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 84-66-2 | Diethylphthalate | 33.9 | U | 1 | 33.9 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 32.0 | U | 1 | 32.0 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 86-73-7 | Fluorene | 30.3 | U | 1 | 30.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 76.8 | U | 1 | 76.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |

Raw Data: **BF144369.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-14A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-07 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 83.4 |
| Sample Wt/Vol: | 30.06 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 39.4 | U | 1 | 39.4 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 33.3 | U | 1 | 33.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 30.3 | U | 1 | 30.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 1912-24-9 | Atrazine | 40.7 | U | 1 | 40.7 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 87-86-5 | Pentachlorophenol | 61.4 | U | 1 | 61.4 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 85-01-8 | Phenanthrene | 430 | | 1 | 25.0 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 120-12-7 | Anthracene | 98.1 | J | 1 | 39.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 86-74-8 | Carbazole | 37.3 | U | 1 | 37.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 57.3 | U | 1 | 57.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 206-44-0 | Fluoranthene | 770 | | 1 | 35.9 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 129-00-0 | Pyrene | 500 | | 1 | 43.1 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 85.4 | U | 1 | 85.4 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 43.9 | U | 1 | 43.9 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 490 | | 1 | 27.5 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 218-01-9 | Chrysene | 400 | | 1 | 23.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 70.8 | U | 1 | 70.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 100 | U | 1 | 100 | 390 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 540 | | 1 | 22.7 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 250 | | 1 | 26.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 450 | | 1 | 35.3 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 140 | J | 1 | 34.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 32.8 | U | 1 | 32.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 160 | J | 1 | 30.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 30.6 | U | 1 | 30.6 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 54.1 | U | 1 | 54.1 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 32.8 | U | 1 | 32.8 | 200 | ug/Kg | 11/26/25 19:13 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 87.5 | | | 10 - 105 | 58% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 87.2 | | | 10 - 103 | 58% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 61.7 | | | 10 - 108 | 62% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 65.6 | | | 10 - 108 | 66% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 73.0 | | | 10 - 116 | 49% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 45.1 | | | 10 - 109 | 45% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 52800 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 194000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 98100 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 145000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 135000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 162000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 240 | J | | | 10.6 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 660 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144369.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-14A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-07 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 83.4 |
| Sample Wt/Vol: | 30.06 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000112-88-9 | 1-Octadecene | 200 | J | | | 13.9 | ug/Kg | | |
| 018835-33-1 | 1-Hexacosene | 170 | J | | | 14.5 | ug/Kg | | |
| 000192-97-2 | Benzo[e]pyrene | 350 | J | | | 15.2 | ug/Kg | | |
| 007390-81-0 | Oxirane, hexadecyl- | 100 | J | | | 15.7 | ug/Kg | | |
| 000630-02-4 | Octacosane | 790 | J | | | 16.0 | ug/Kg | | |
| 003452-07-1 | 1-Eicosene | 89.3 | J | | | 16.0 | ug/Kg | | |
| 000593-45-3 | Octadecane | 170 | J | | | 16.5 | ug/Kg | | |
| 000630-01-3 | Hexacosane | 230 | J | | | 17.1 | ug/Kg | | |
| 1000387-62-6 | 4-Amino-5-(5-bromothiophen-2-yl)-2 | 180 | J | | | 17.2 | 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

Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 27 00:51:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 52766 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 194377 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 98091 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 144935 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 134586 | 20.000 | ng | #-0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 161855 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 295138 | 87.529 | ng | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 333098 | 87.184 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 207671 | 61.705 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 89850 | 72.994 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 435721 | 65.606 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 382398 | 45.131 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 8.163 | 128 | 20787 | 2.248 | ng | 100 |
| 71) Phenanthrene | 11.416 | 178 | 78496 | 10.878 | ng | 99 |
| 72) Anthracene | 11.469 | 178 | 18041 | 2.459 | ng | 96 |
| 75) Fluoranthene | 12.610 | 202 | 143573 | 19.261 | ng | 97 |
| 78) Pyrene | 12.839 | 202 | 135354 | 12.473 | ng | 98 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 113906 | 12.211 | ng | 94 |
| 83) Chrysene | 14.068 | 228 | 87408 | 10.151 | ng | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 17.015 | 276 | 42163 | 3.629 | ng | 97 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 125081m | 13.593 | ng | |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 54031m | 6.273 | ng | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 95993 | 11.308 | ng | # 97 |
| 92) Benzo(g,h,i)perylene | 17.474 | 276 | 36903 | 4.005 | ng | # 96 |

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

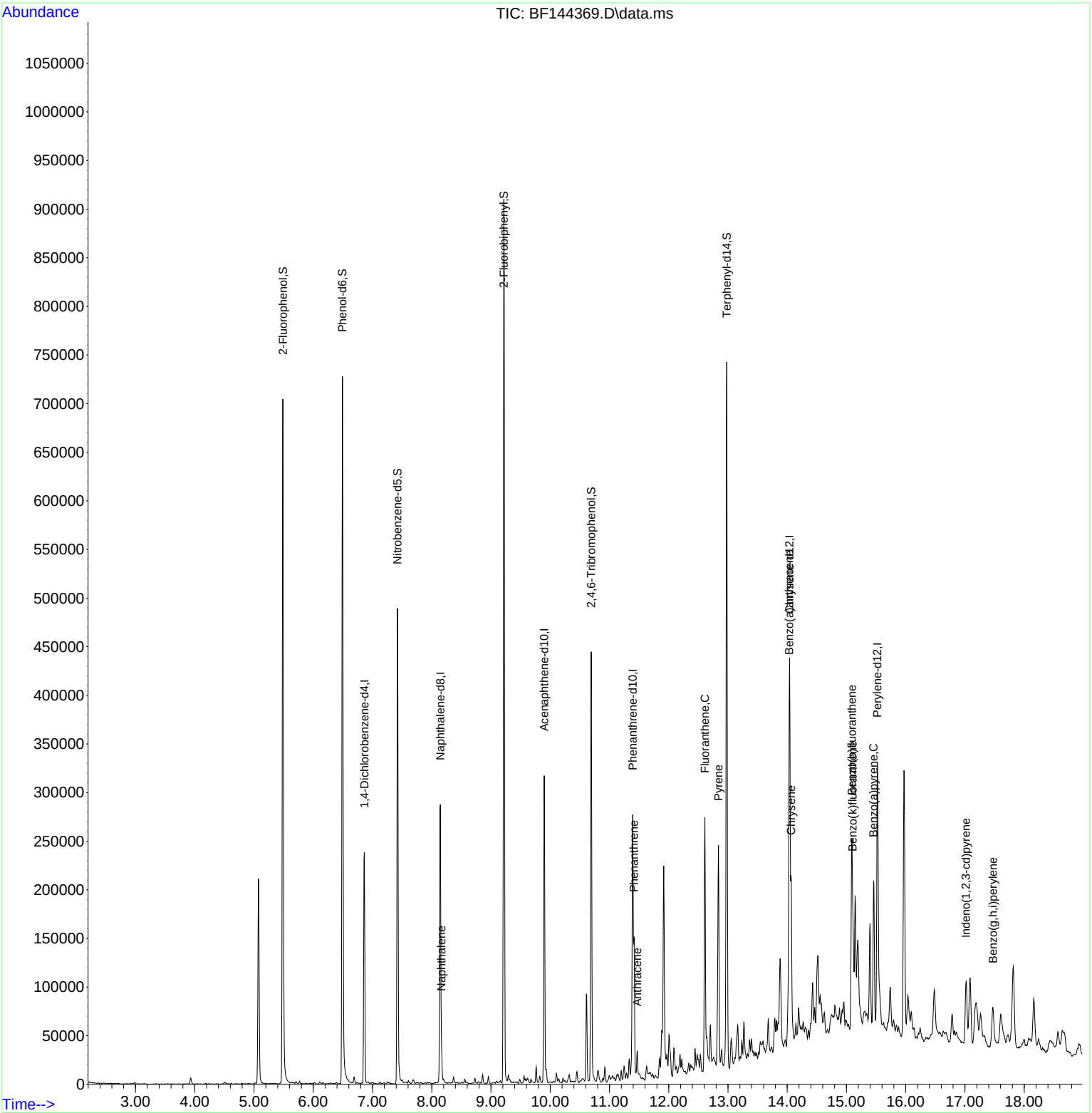
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

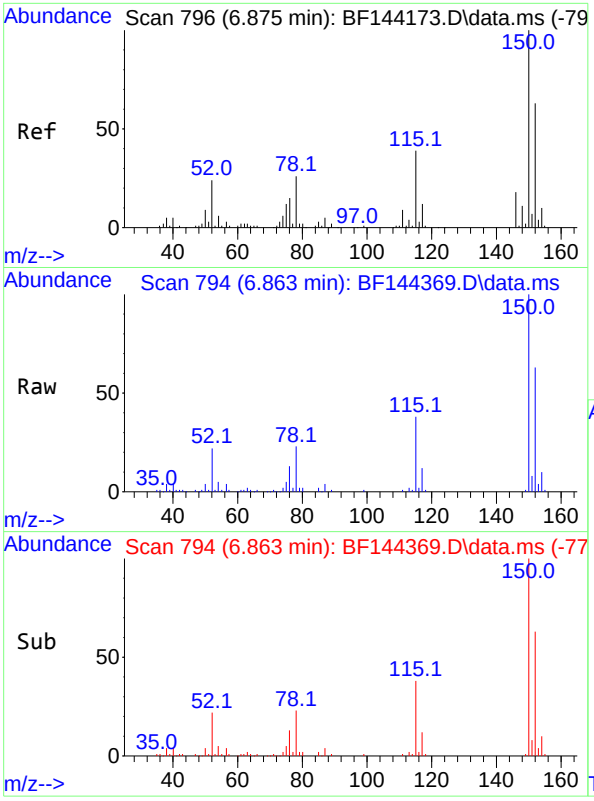
Quant Time: Nov 27 00:51:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

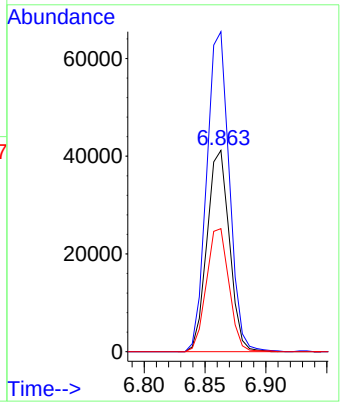





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:152 Resp: 5276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 127.4 | 191.0 |
| 115 | 61.1 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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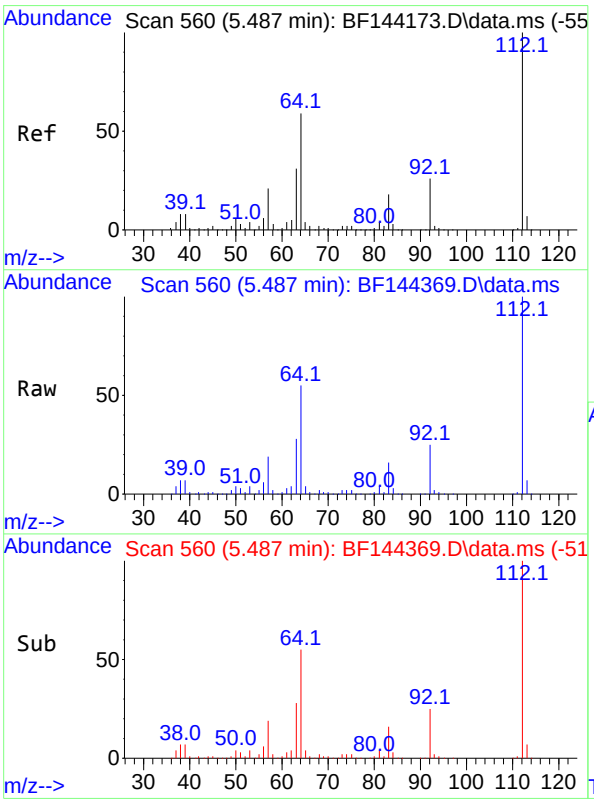
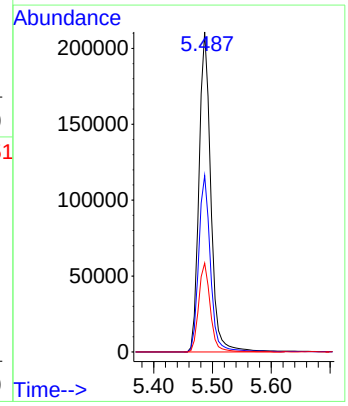
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

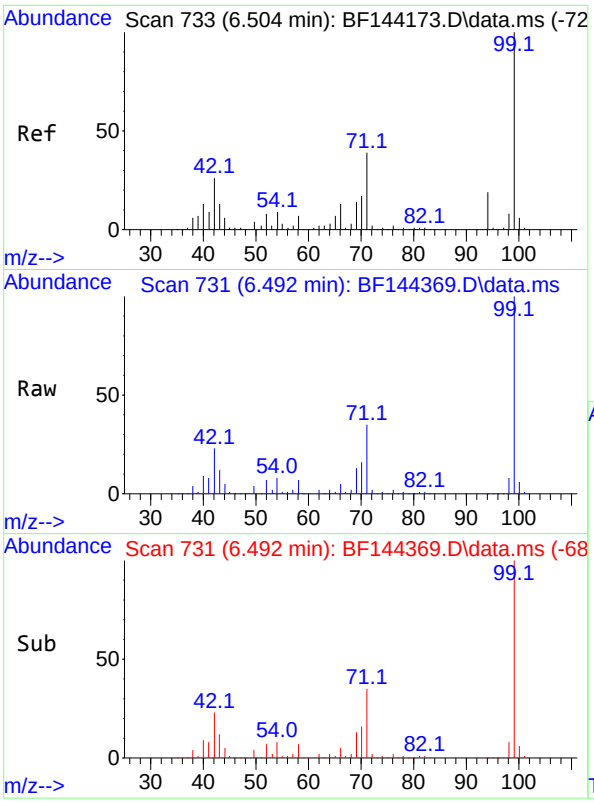



#5
2-Fluorophenol
Concen: 87.529 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:112 Resp: 295138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.1 | 47.2 | 70.8 |
| 63 | 27.7 | 24.4 | 36.6 |

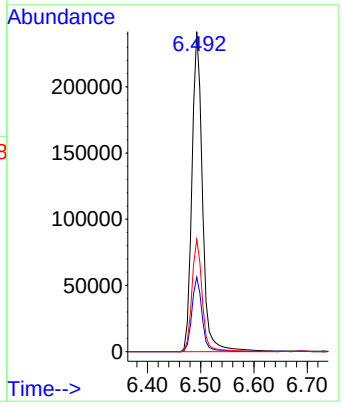





#7
Phenol-d6
Concen: 87.184 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion: 99 Resp: 33309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.2 | 20.9 | 31.3 |
| 71 | 35.1 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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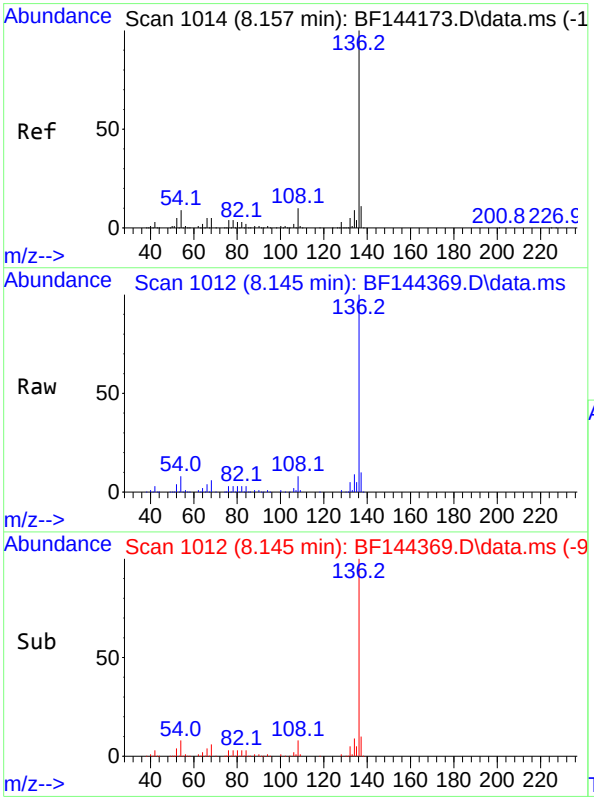
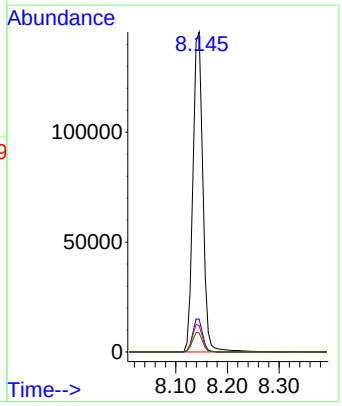
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

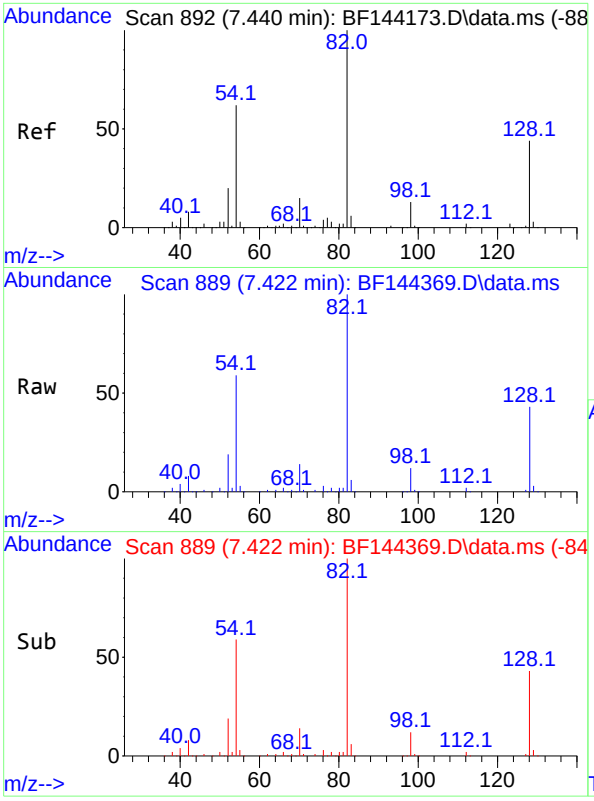



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:136 Resp: 194377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.2 | 8.6 | 13.0 |
| 54 | 8.3 | 7.0 | 10.6 |
| 68 | 5.9 | 4.3 | 6.5 |

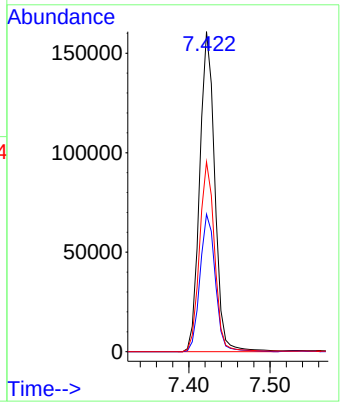





#23
Nitrobenzene-d5
Concen: 61.705 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion: 82 Resp: 20767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 34.7 | 52.1 |
| 54 | 59.3 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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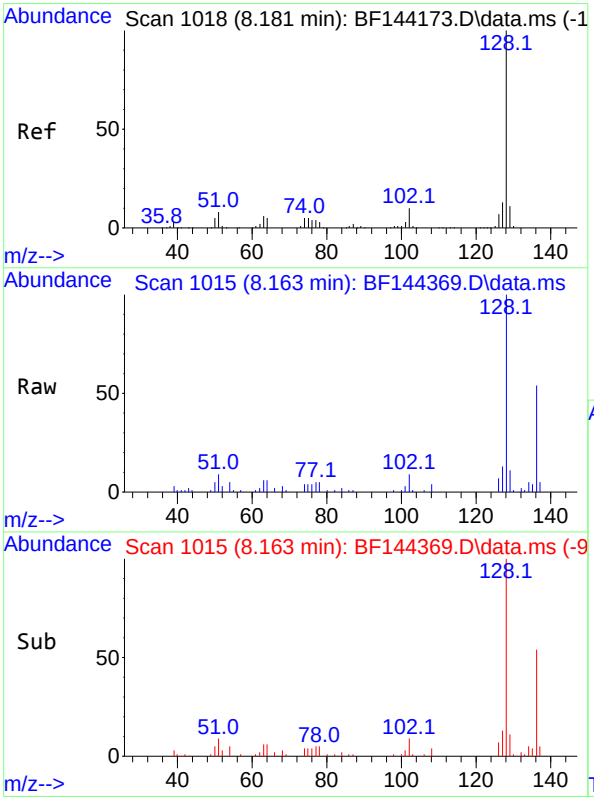
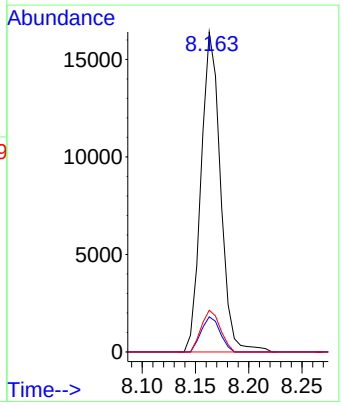
Supervised By :mohammad ahmed 12/03/2025

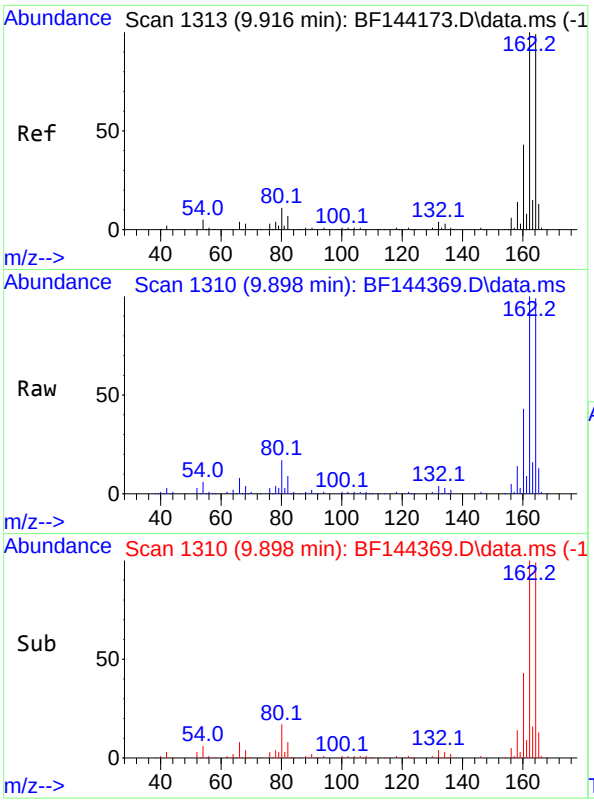



#31
Naphthalene
Concen: 2.248 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:128 Resp: 20787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.9 | 13.3 |
| 127 | 13.1 | 10.3 | 15.5 |

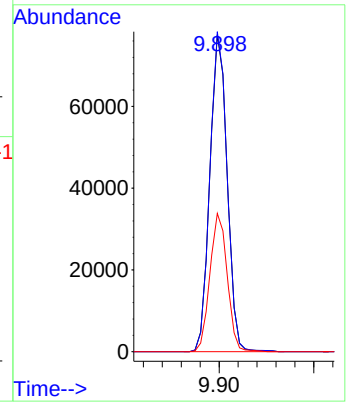





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:164 Resp: 9809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 81.1 | 121.7 |
| 160 | 43.6 | 34.5 | 51.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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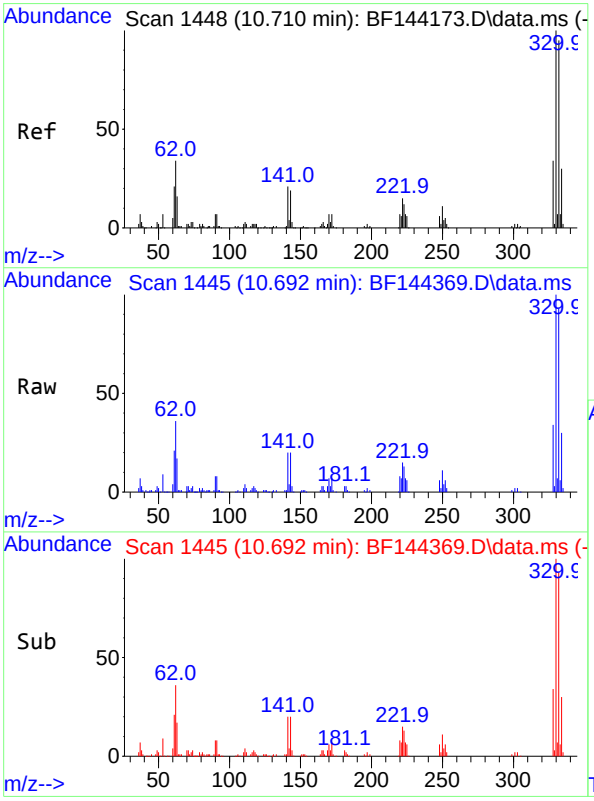
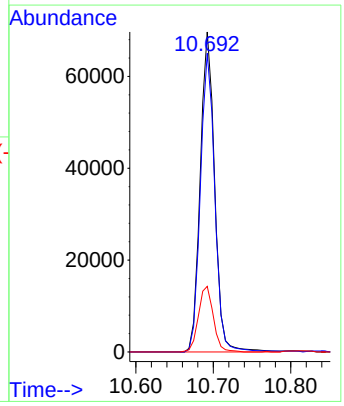
Supervised By :mohammad ahmed 12/03/2025

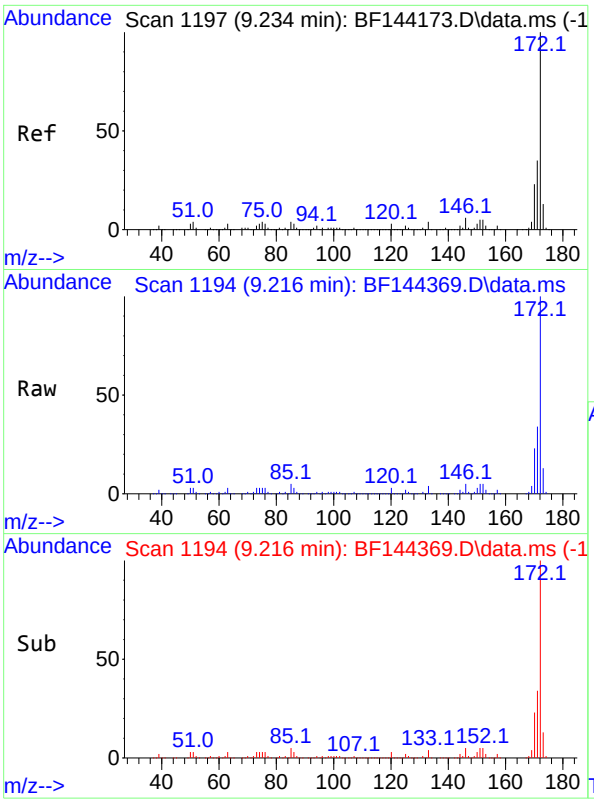



#42
2,4,6-Tribromophenol
Concen: 72.994 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:330 Resp: 89850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.4 | 76.7 | 115.1 |
| 141 | 21.3 | 17.8 | 26.8 |

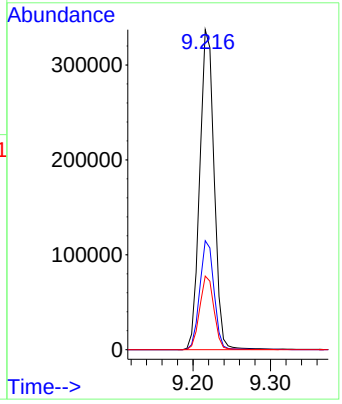





#45
2-Fluorobiphenyl
Concen: 65.606 ng
RT: 9.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:172 Resp: 43572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.0 | 28.1 | 42.1 |
| 170 | 23.0 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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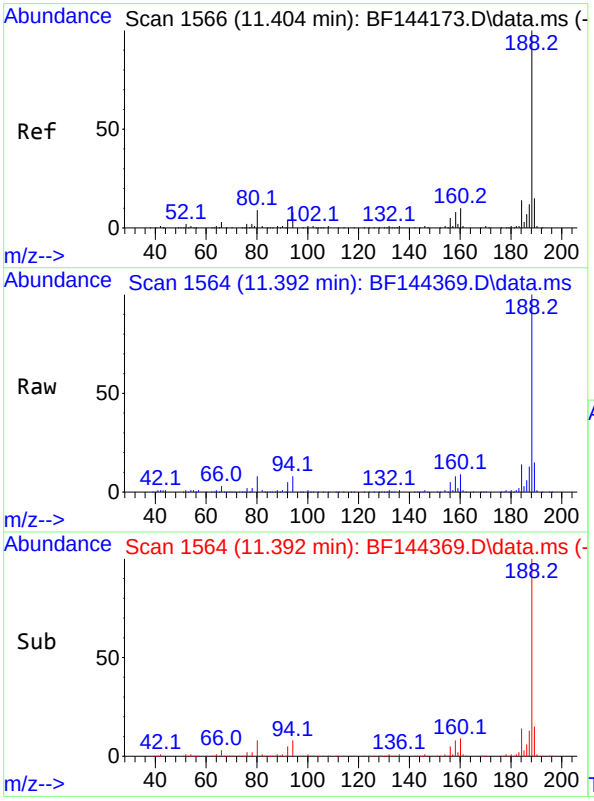
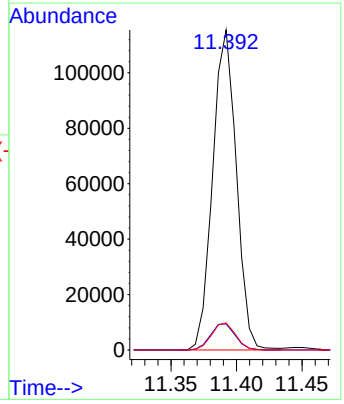
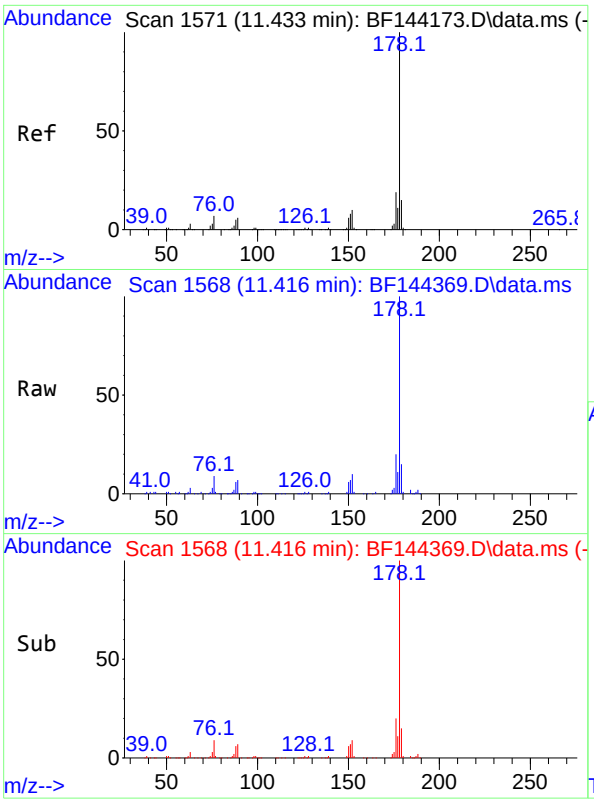



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:188 Resp: 144935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 6.2 | 9.2 |
| 80 | 8.4 | 6.9 | 10.3 |

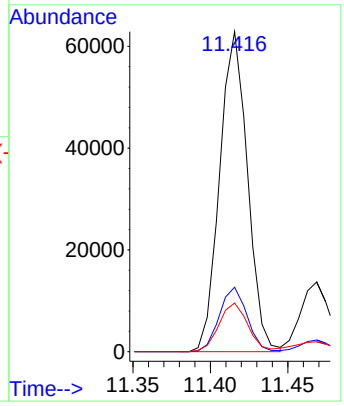





#71
Phenanthrene
Concen: 10.878 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:178 Resp: 7849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.1 | 15.5 | 23.3 |
| 179 | 15.2 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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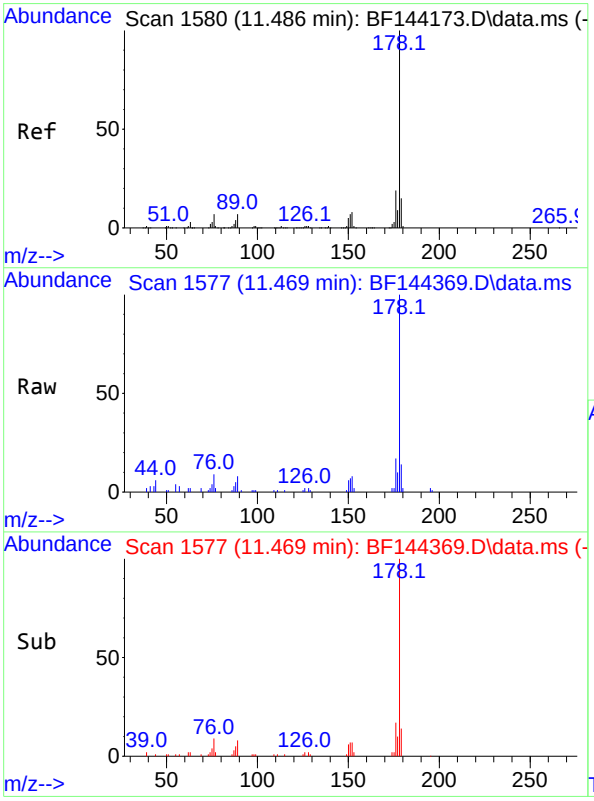
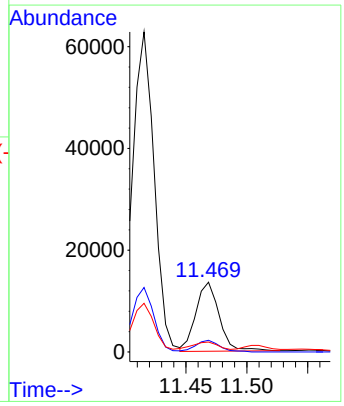
Supervised By :mohammad ahmed 12/03/2025

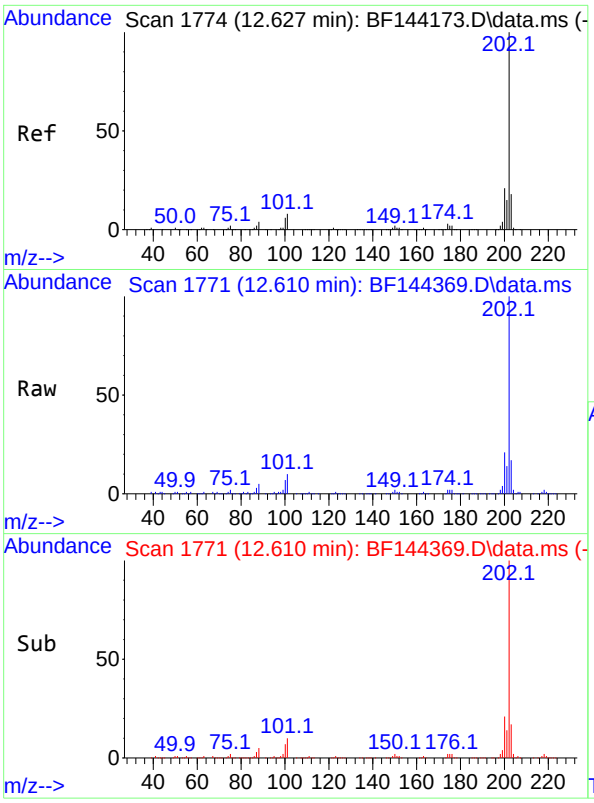



#72
Anthracene
Concen: 2.459 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:178 Resp: 18041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 16.8 | 15.3 | 22.9 |
| 179 | 14.2 | 12.0 | 18.0 |

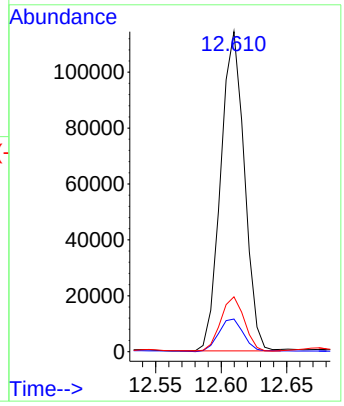





#75
Fluoranthene
Concen: 19.261 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:202 Resp: 14357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.2 | 0.0 | 27.9 |
| 203 | 17.2 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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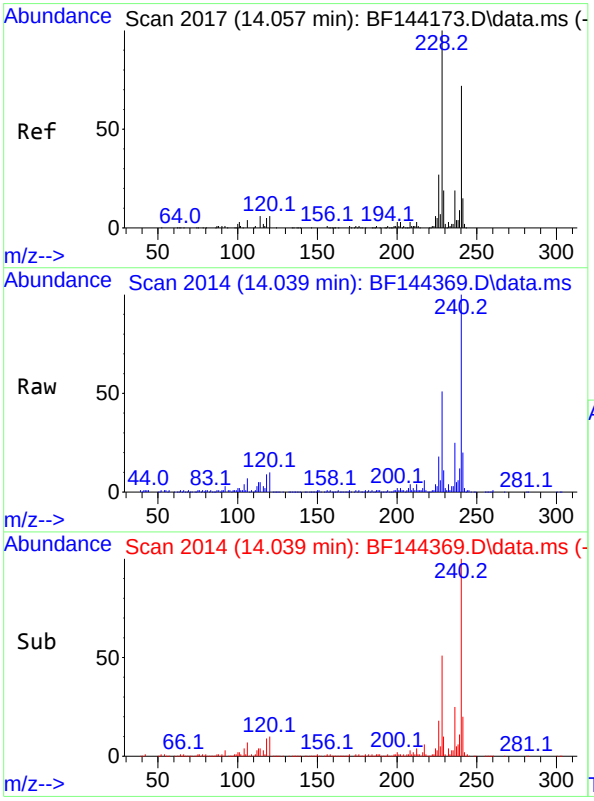
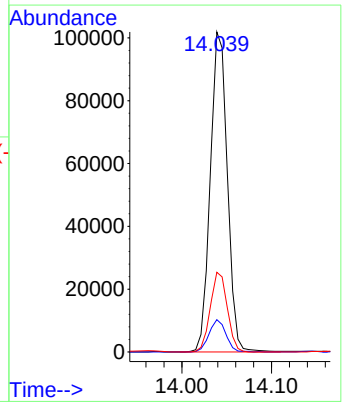
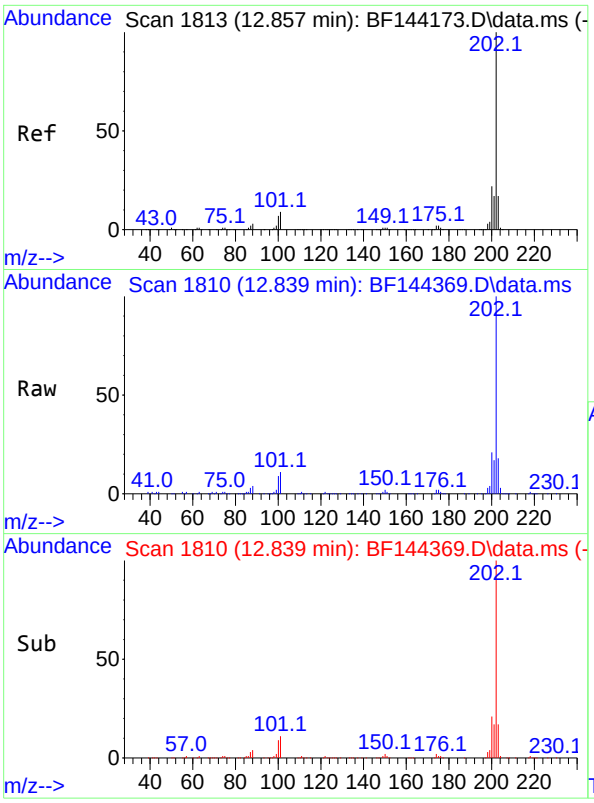



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:240 Resp: 134586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 6.6 | 10.0# |
| 236 | 24.9 | 21.4 | 32.2 |

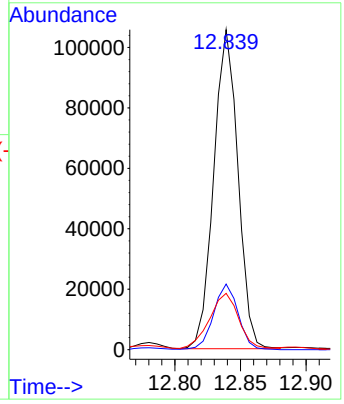





#78
Pyrene
Concen: 12.473 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:202 Resp: 13535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 17.2 | 25.8 |
| 203 | 17.6 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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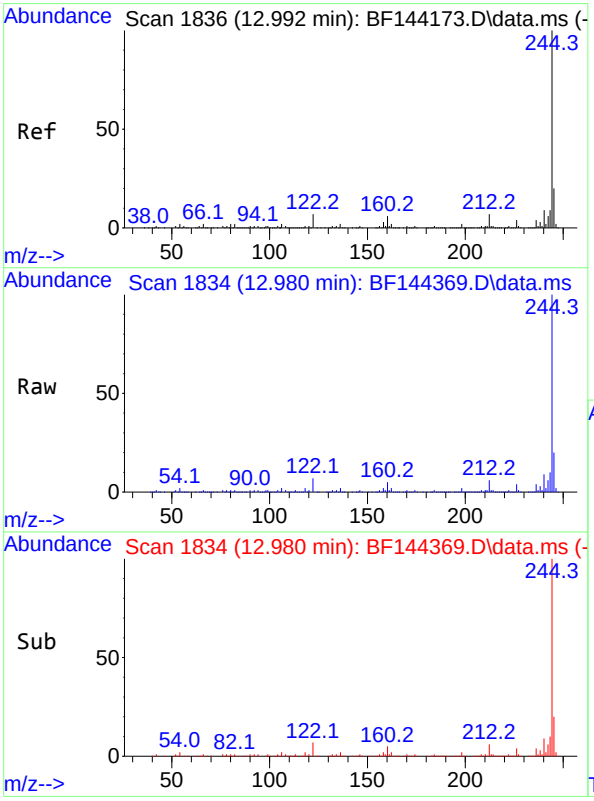
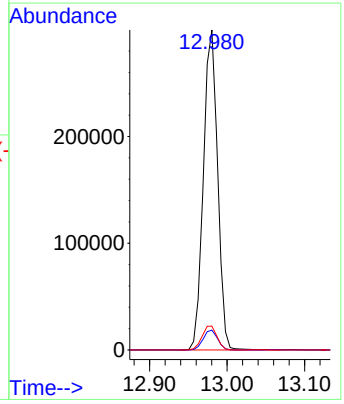
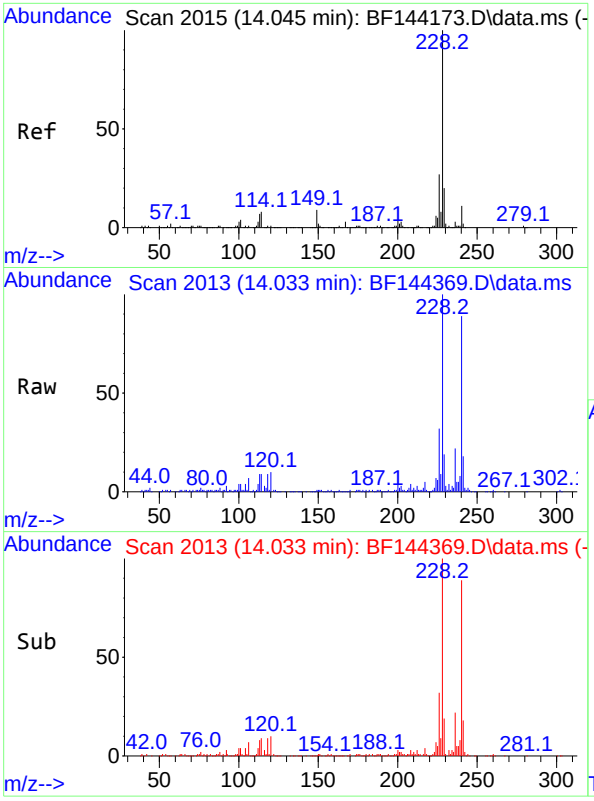



#79
Terphenyl-d14
Concen: 45.131 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:244 Resp: 382398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.3 | 7.9 |
| 122 | 7.5 | 5.6 | 8.4 |






#81
Benzo(a)anthracene
Concen: 12.211 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:228 Resp: 11390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.4 | 21.8 | 32.8 |
| 229 | 19.5 | 15.8 | 23.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
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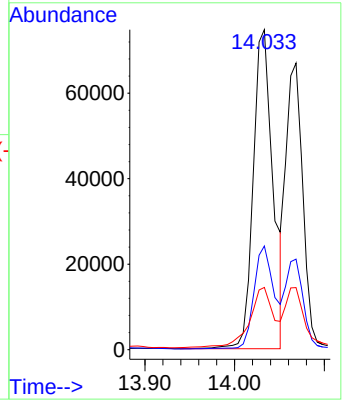
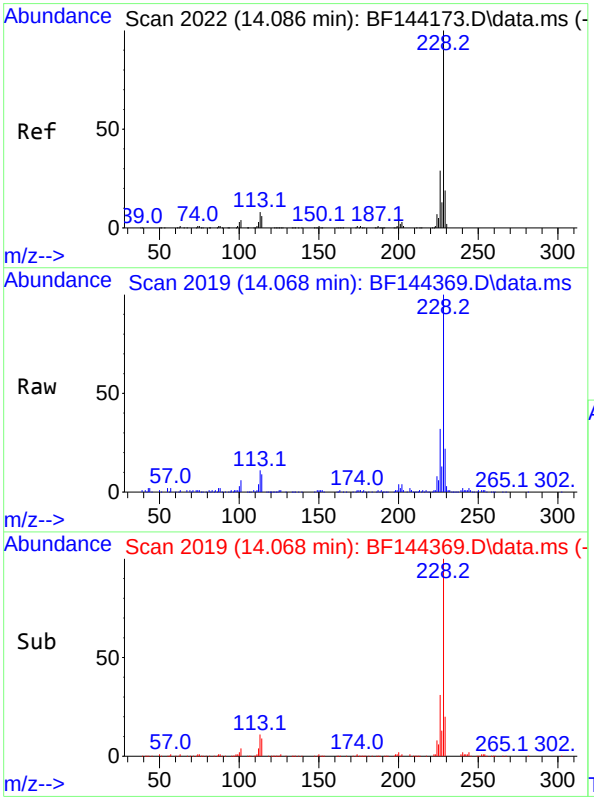
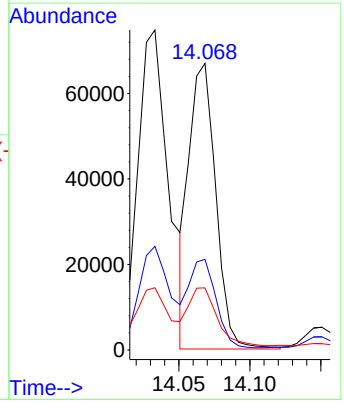


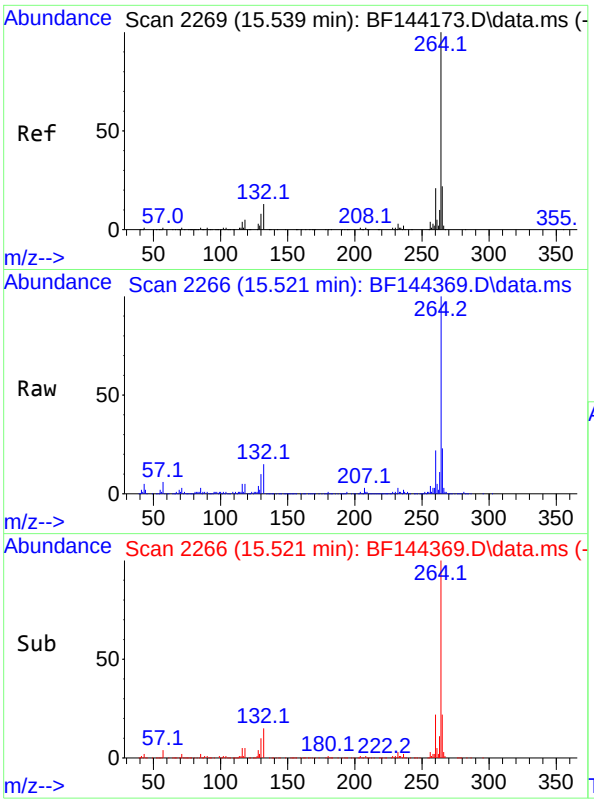




#83
Chrysene
Concen: 10.151 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:228 Resp: 87408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 22.9 | 34.3 |
| 229 | 21.7 | 15.0 | 22.6 |

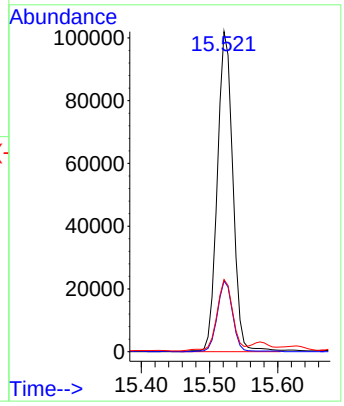





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:264 Resp: 16185

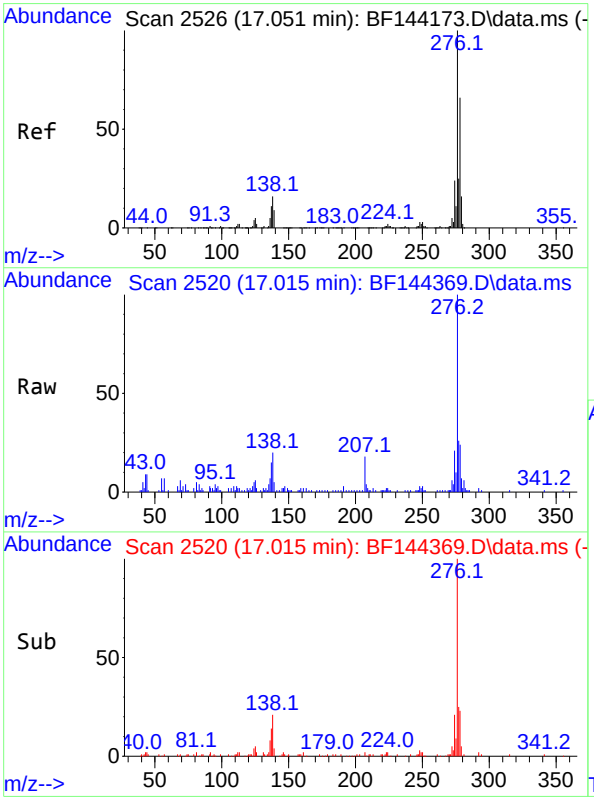
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.1 | 17.1 | 25.7 |
| 265 | 22.6 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
**APPROVED**

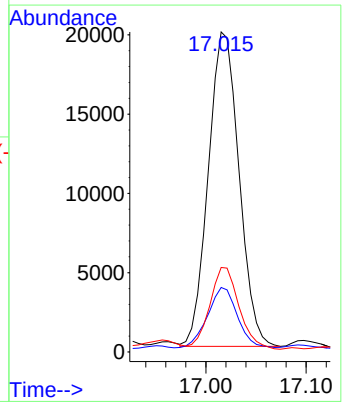
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

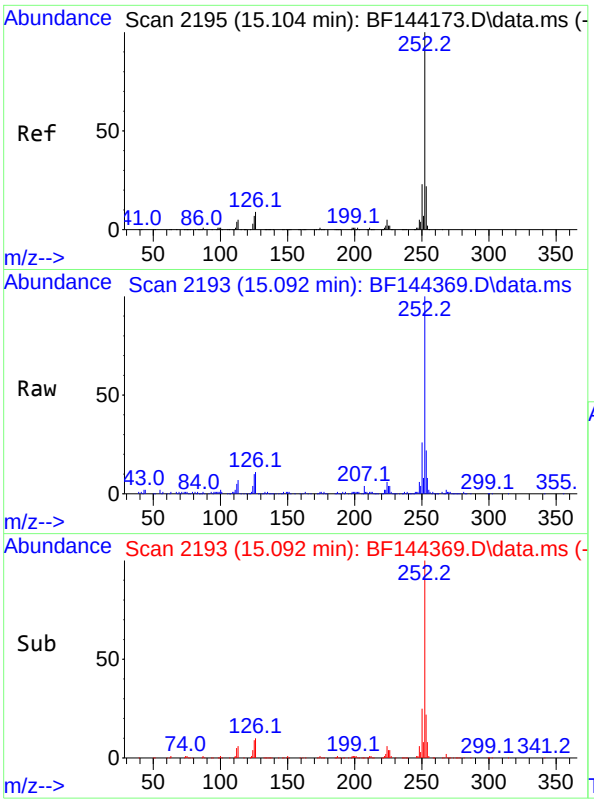



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.629 ng
RT: 17.015 min Scan# 2520
Delta R.T. -0.018 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:276 Resp: 42163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.1 | 13.9 | 20.9 |
| 277 | 25.0 | 19.8 | 29.6 |

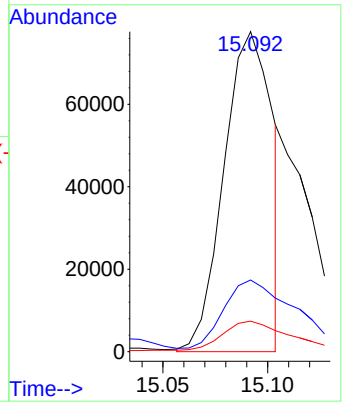





#88
Benzo(b)fluoranthene
Concen: 13.593 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:252 Resp: 12508

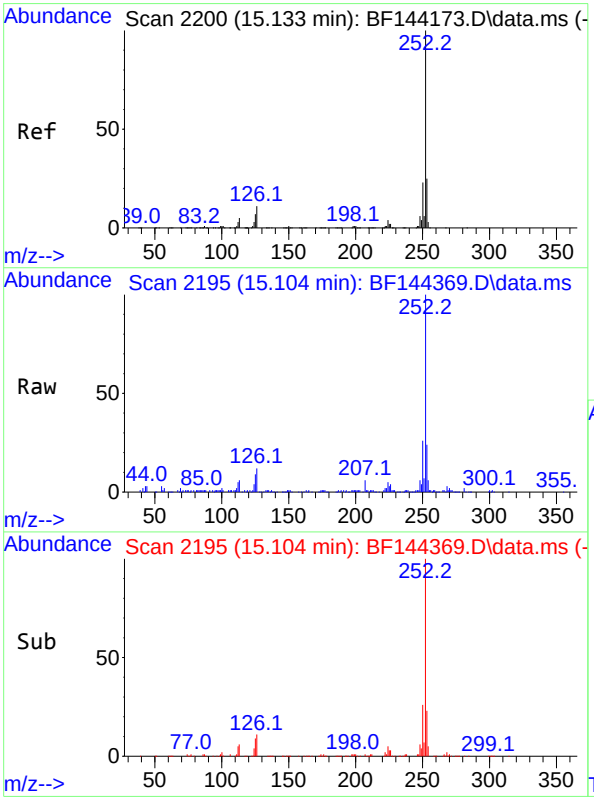
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.4 | 26.2 |
| 125 | 9.6 | 5.3 | 7.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
**APPROVED**

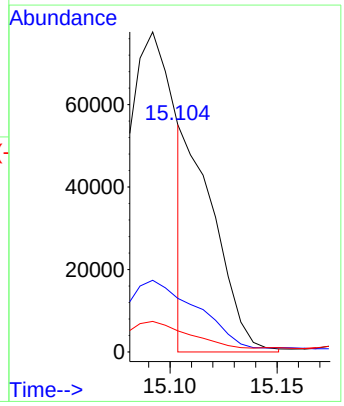
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

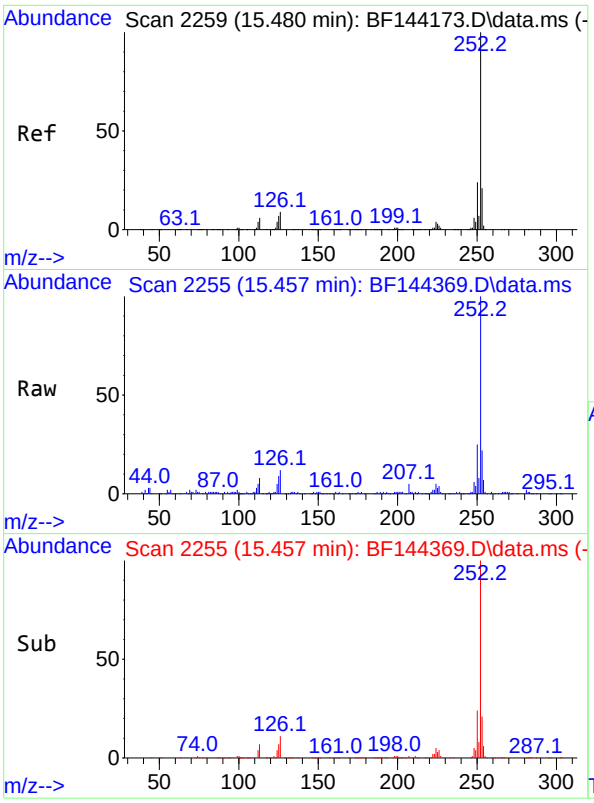



#89
Benzo(k)fluoranthene
Concen: 6.273 ng m
RT: 15.104 min Scan# 2195
Delta R.T. -0.024 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:252 Resp: 54031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.0 | 27.0 |
| 125 | 9.3 | 5.4 | 8.2# |






#90
Benzo(a)pyrene
Concen: 11.308 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

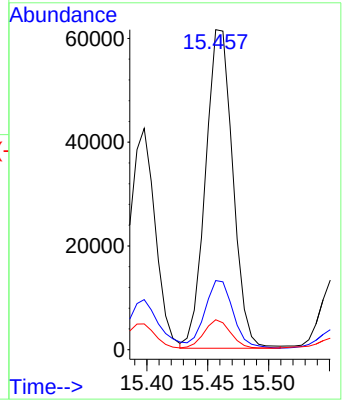
Tgt Ion:252 Resp: 9599

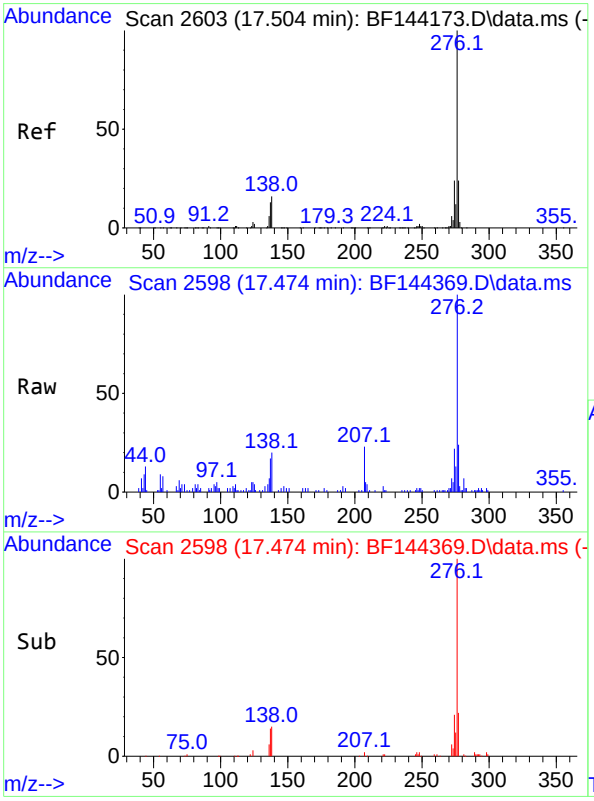
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 16.7 | 25.1 |
| 125 | 9.4 | 5.7 | 8.5# |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

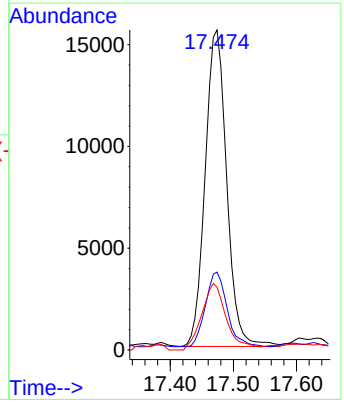



#92
Benzo(g,h,i)perylene
Concen: 4.005 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144369.D
Acq: 26 Nov 2025 19:13

Tgt Ion:276 Resp: 36903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 19.0 | 28.4 |
| 138 | 19.6 | 12.9 | 19.3# |



Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144369.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 500 | rBV | 210222 | 315637 | 27.36% | 2.255% |
| 2 | 5.487 | 555 | 560 | 582 | rVB | 703336 | 965280 | 83.68% | 6.896% |
| 3 | 6.492 | 726 | 731 | 753 | rBV | 726774 | 993569 | 86.14% | 7.098% |
| 4 | 6.863 | 789 | 794 | 800 | rBV | 237040 | 304238 | 26.38% | 2.173% |
| 5 | 7.422 | 884 | 889 | 900 | rBV | 488339 | 636680 | 55.20% | 4.548% |
| 6 | 8.145 | 1004 | 1012 | 1020 | rBV | 286298 | 421708 | 36.56% | 3.013% |
| 7 | 9.216 | 1189 | 1194 | 1204 | rBV | 908869 | 1153493 | 100.00% | 8.240% |
| 8 | 9.763 | 1283 | 1287 | 1292 | rBV | 16148 | 19517 | 1.69% | 0.139% |
| 9 | 9.898 | 1305 | 1310 | 1315 | rBV | 314963 | 402320 | 34.88% | 2.874% |
| 10 | 10.104 | 1341 | 1345 | 1349 | rBV2 | 8801 | 11722 | 1.02% | 0.084% |
| 11 | 10.322 | 1375 | 1382 | 1386 | rBV4 | 7802 | 14513 | 1.26% | 0.104% |
| 12 | 10.451 | 1399 | 1404 | 1410 | rVB2 | 11500 | 17127 | 1.48% | 0.122% |
| 13 | 10.616 | 1426 | 1432 | 1437 | rBV | 89492 | 119101 | 10.33% | 0.851% |
| 14 | 10.692 | 1440 | 1445 | 1458 | rVV | 442004 | 583457 | 50.58% | 4.168% |
| 15 | 10.804 | 1459 | 1464 | 1472 | rVB5 | 12159 | 25899 | 2.25% | 0.185% |
| 16 | 10.922 | 1480 | 1484 | 1489 | rVB | 15083 | 20622 | 1.79% | 0.147% |
| 17 | 10.998 | 1489 | 1497 | 1500 | rBV4 | 7010 | 13931 | 1.21% | 0.100% |
| 18 | 11.198 | 1527 | 1531 | 1535 | rBV | 9811 | 12365 | 1.07% | 0.088% |
| 19 | 11.245 | 1535 | 1539 | 1543 | rBV4 | 13495 | 19317 | 1.67% | 0.138% |
| 20 | 11.333 | 1550 | 1554 | 1557 | rBV2 | 20063 | 25727 | 2.23% | 0.184% |
| 21 | 11.392 | 1557 | 1564 | 1567 | rBV | 267154 | 412538 | 35.76% | 2.947% |
| 22 | 11.469 | 1573 | 1577 | 1581 | rVB | 23885 | 26198 | 2.27% | 0.187% |
| 23 | 11.627 | 1599 | 1604 | 1608 | rBV4 | 14414 | 27949 | 2.42% | 0.200% |
| 24 | 11.845 | 1636 | 1641 | 1643 | rBV2 | 20099 | 28340 | 2.46% | 0.202% |
| 25 | 11.880 | 1643 | 1647 | 1649 | rVV | 47417 | 74500 | 6.46% | 0.532% |
| 26 | 11.916 | 1649 | 1653 | 1660 | rVV3 | 215472 | 343009 | 29.74% | 2.450% |
| 27 | 11.969 | 1660 | 1662 | 1665 | rVV | 19489 | 24982 | 2.17% | 0.178% |
| 28 | 12.004 | 1665 | 1668 | 1678 | rVB3 | 42508 | 88074 | 7.64% | 0.629% |
| 29 | 12.086 | 1678 | 1682 | 1687 | rBV4 | 28931 | 51273 | 4.45% | 0.366% |
| 30 | 12.192 | 1693 | 1700 | 1702 | rBV | 18797 | 29949 | 2.60% | 0.214% |
| 31 | 12.221 | 1702 | 1705 | 1712 | rVB | 12762 | 18583 | 1.61% | 0.133% |
| 32 | 12.445 | 1739 | 1743 | 1746 | rBV | 22076 | 27771 | 2.41% | 0.198% |
| 33 | 12.480 | 1746 | 1749 | 1751 | rBV3 | 10479 | 13083 | 1.13% | 0.093% |
| 34 | 12.533 | 1755 | 1758 | 1763 | rVB3 | 16801 | 22783 | 1.98% | 0.163% |
| 35 | 12.610 | 1766 | 1771 | 1775 | rBV | 261060 | 357894 | 31.03% | 2.557% |
| 36 | 12.704 | 1783 | 1787 | 1791 | rVB | 37542 | 45533 | 3.95% | 0.325% |

Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.839 | 1803 | 1810 | 1816 | rBV | 225768 | 336172 | 29.14% | 2.401% |
| 38 | 12.892 | 1816 | 1819 | 1825 | rVB4 | 15827 | 19960 | 1.73% | 0.143% |
| 39 | 12.980 | 1825 | 1834 | 1842 | rVB | 726530 | 976246 | 84.63% | 6.974% |
| 40 | 13.057 | 1842 | 1847 | 1852 | rBV3 | 30336 | 58921 | 5.11% | 0.421% |
| 41 | 13.163 | 1858 | 1865 | 1869 | rVB2 | 36079 | 72066 | 6.25% | 0.515% |
| 42 | 13.233 | 1874 | 1877 | 1880 | rVV | 19745 | 23429 | 2.03% | 0.167% |
| 43 | 13.268 | 1880 | 1883 | 1891 | rVB2 | 37919 | 57218 | 4.96% | 0.409% |
| 44 | 13.363 | 1896 | 1899 | 1902 | rBV | 16688 | 21001 | 1.82% | 0.150% |
| 45 | 13.398 | 1902 | 1905 | 1908 | rVB2 | 13312 | 15302 | 1.33% | 0.109% |
| 46 | 13.545 | 1927 | 1930 | 1933 | rBV4 | 12921 | 20449 | 1.77% | 0.146% |
| 47 | 13.680 | 1949 | 1953 | 1959 | rVB | 33332 | 45323 | 3.93% | 0.324% |
| 48 | 13.792 | 1967 | 1972 | 1974 | rBV2 | 33328 | 52859 | 4.58% | 0.378% |
| 49 | 13.815 | 1974 | 1976 | 1978 | rVV | 12814 | 13976 | 1.21% | 0.100% |
| 50 | 13.880 | 1983 | 1987 | 1997 | rVB2 | 90792 | 180147 | 15.62% | 1.287% |
| 51 | 14.039 | 2005 | 2014 | 2017 | rBV2 | 399331 | 711993 | 61.72% | 5.086% |
| 52 | 14.192 | 2037 | 2040 | 2046 | rBV4 | 25509 | 39323 | 3.41% | 0.281% |
| 53 | 14.427 | 2076 | 2080 | 2084 | rBV | 41776 | 53544 | 4.64% | 0.382% |
| 54 | 14.462 | 2084 | 2086 | 2089 | rVB | 16429 | 15709 | 1.36% | 0.112% |
| 55 | 14.515 | 2089 | 2095 | 2099 | rBV5 | 69718 | 152020 | 13.18% | 1.086% |
| 56 | 15.092 | 2187 | 2193 | 2199 | rBV | 195190 | 441168 | 38.25% | 3.152% |
| 57 | 15.145 | 2199 | 2202 | 2206 | rVV | 134993 | 219646 | 19.04% | 1.569% |
| 58 | 15.192 | 2206 | 2210 | 2223 | rVB2 | 86791 | 220210 | 19.09% | 1.573% |
| 59 | 15.398 | 2240 | 2245 | 2250 | rVB | 101665 | 157991 | 13.70% | 1.129% |
| 60 | 15.457 | 2251 | 2255 | 2261 | rVV | 146316 | 224635 | 19.47% | 1.605% |
| 61 | 15.521 | 2261 | 2266 | 2280 | rVB2 | 270846 | 506920 | 43.95% | 3.621% |
| 62 | 15.739 | 2299 | 2303 | 2309 | rVB5 | 40380 | 66520 | 5.77% | 0.475% |
| 63 | 15.968 | 2336 | 2342 | 2349 | rBV | 272197 | 501610 | 43.49% | 3.583% |
| 64 | 16.039 | 2350 | 2354 | 2360 | rVB4 | 27390 | 56851 | 4.93% | 0.406% |
| 65 | 16.480 | 2424 | 2429 | 2442 | rVB2 | 45433 | 107748 | 9.34% | 0.770% |
| 66 | 16.780 | 2475 | 2480 | 2485 | rBV3 | 26948 | 54646 | 4.74% | 0.390% |
| 67 | 17.021 | 2515 | 2521 | 2526 | rBV2 | 60084 | 131006 | 11.36% | 0.936% |
| 68 | 17.086 | 2527 | 2532 | 2539 | rVB2 | 67185 | 145478 | 12.61% | 1.039% |
| 69 | 17.186 | 2542 | 2549 | 2557 | rBV6 | 34486 | 116285 | 10.08% | 0.831% |
| 70 | 17.468 | 2592 | 2597 | 2610 | rVB | 36828 | 85720 | 7.43% | 0.612% |
| 71 | 17.603 | 2616 | 2620 | 2635 | rVB | 28896 | 92935 | 8.06% | 0.664% |
| 72 | 17.815 | 2649 | 2656 | 2668 | rVB2 | 83685 | 224319 | 19.45% | 1.602% |
| 73 | 18.162 | 2709 | 2715 | 2724 | rVB4 | 47559 | 110521 | 9.58% | 0.790% |

Sum of corrected areas: 13998549

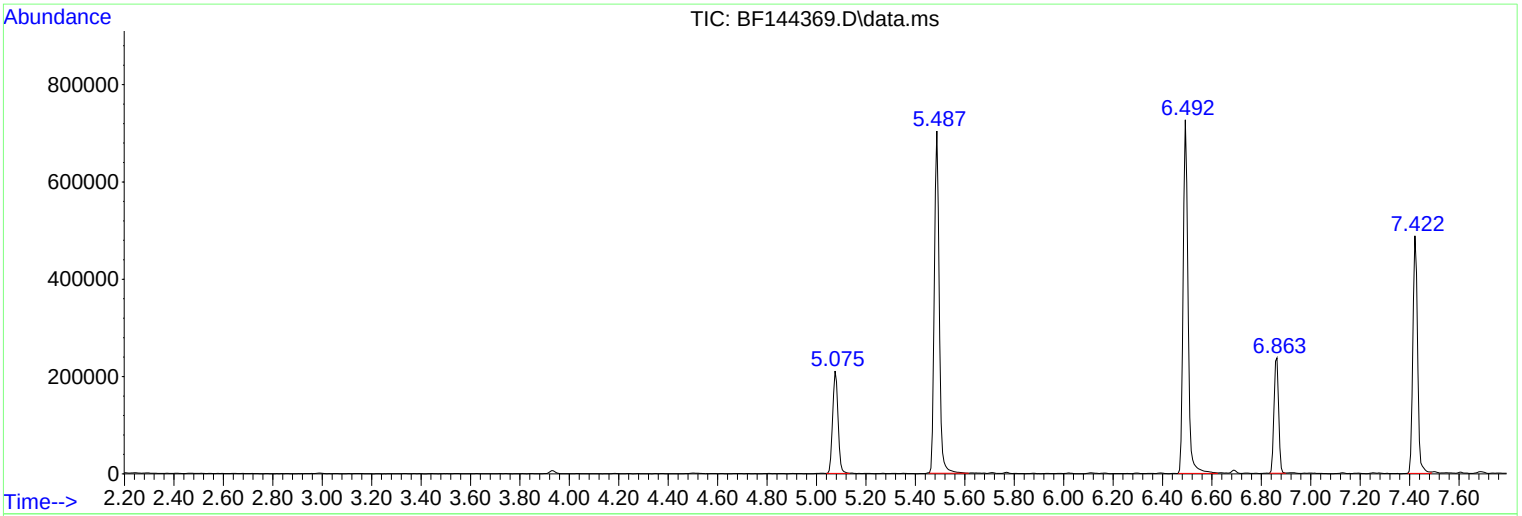
Sample Results: **BF144369.D**

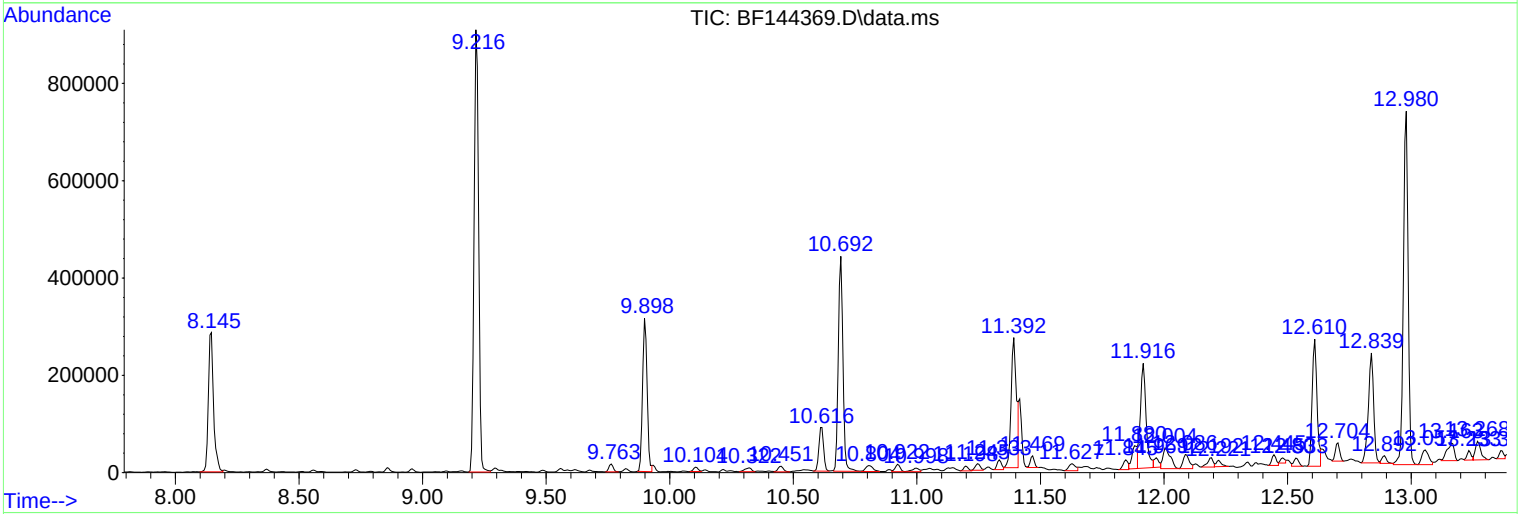
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

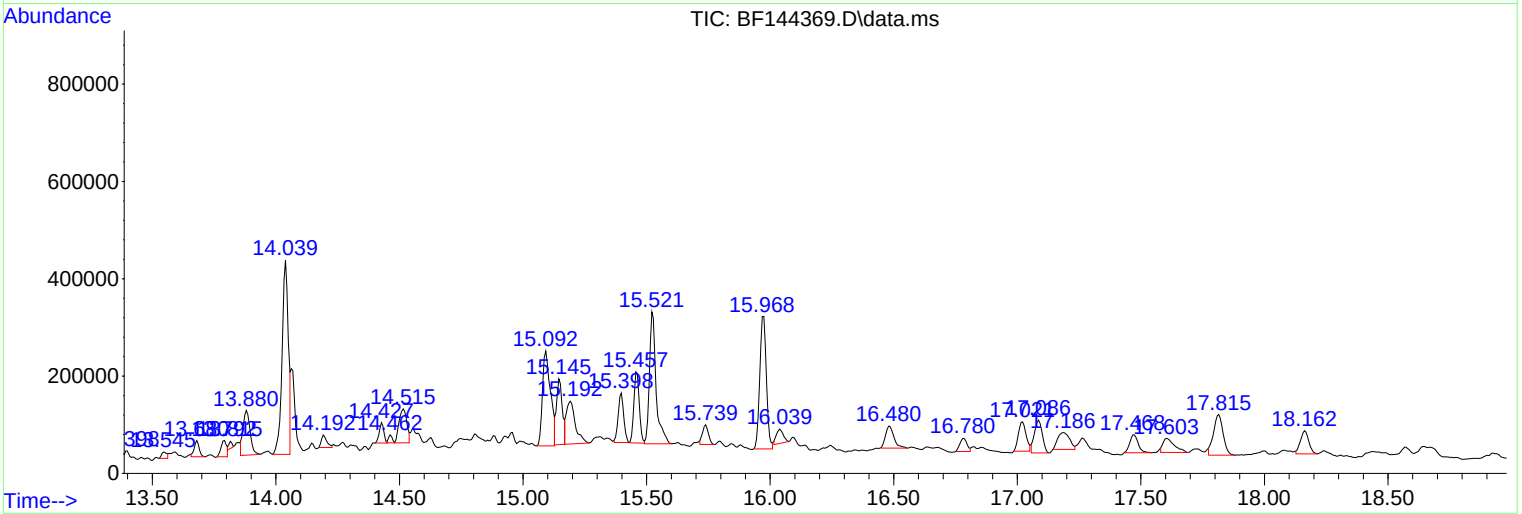
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

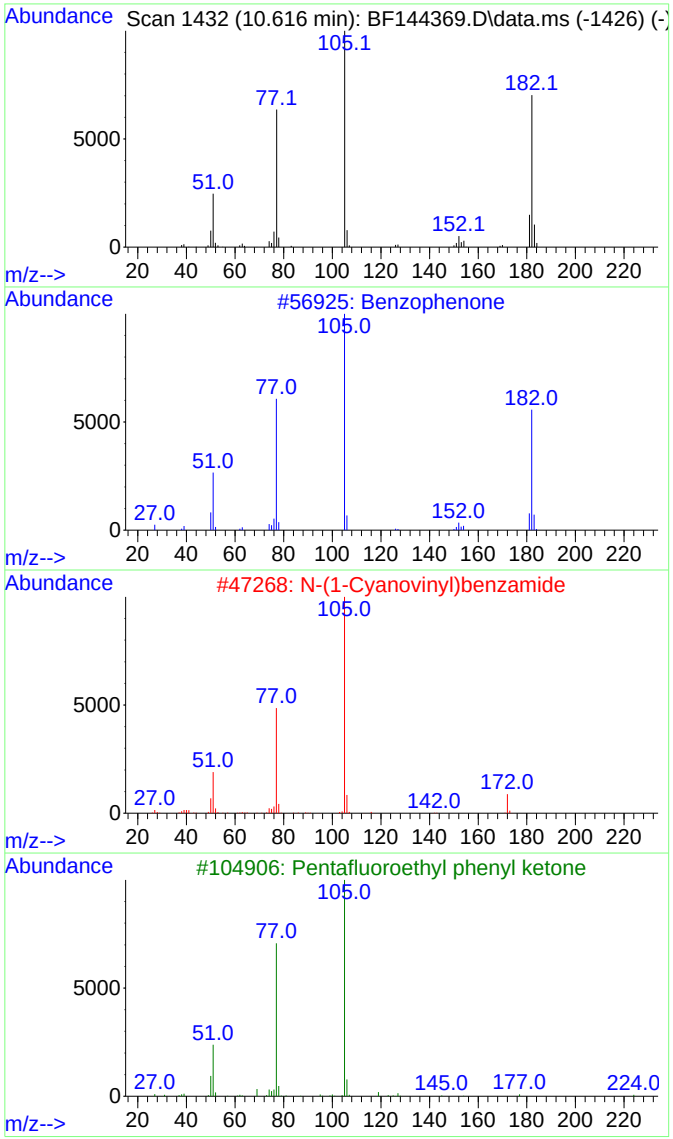
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

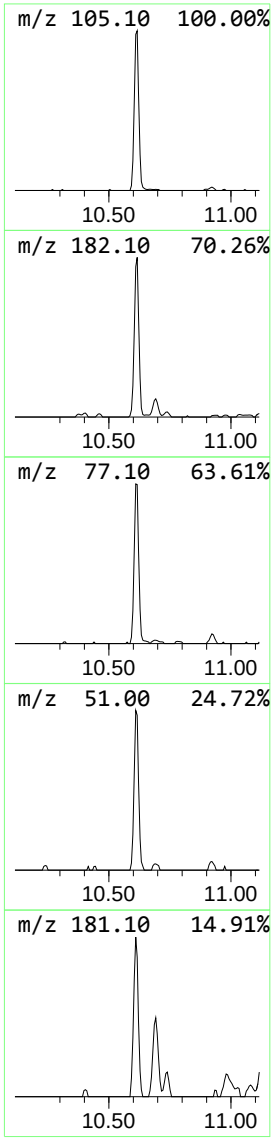
**********

Peak Number 2 Benzophenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 5.92 ng | 119101 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | N-(1-Cyanovinyl)benzamide | 172 | C10H8N2O | 1000186-19-1 | 43 |
| 3 | Pentafluoroethyl phenyl ketone | 224 | C9H5F5O | 000394-52-5 | 43 |
| 4 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 43 |
| 5 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 43 |



Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

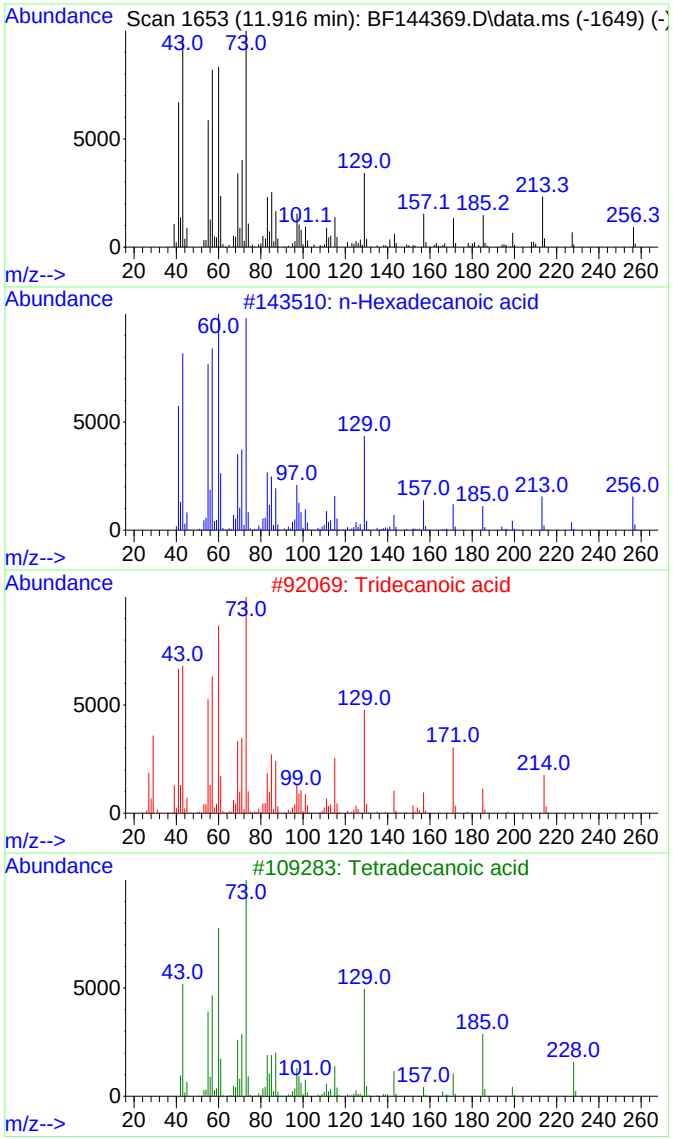
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

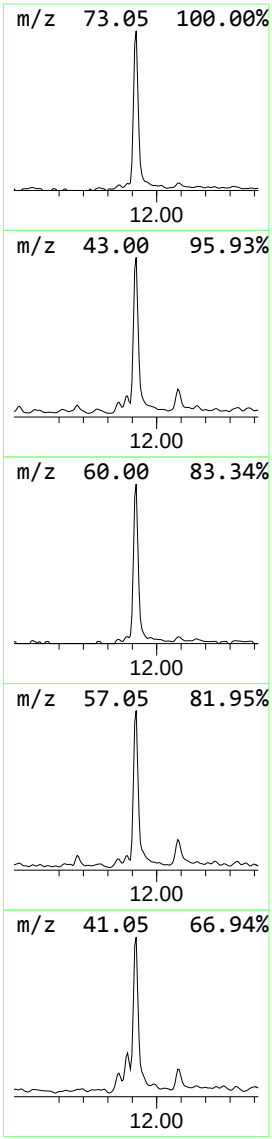
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 16.63 ng | 343009 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 58 |
| 4 | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 15 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

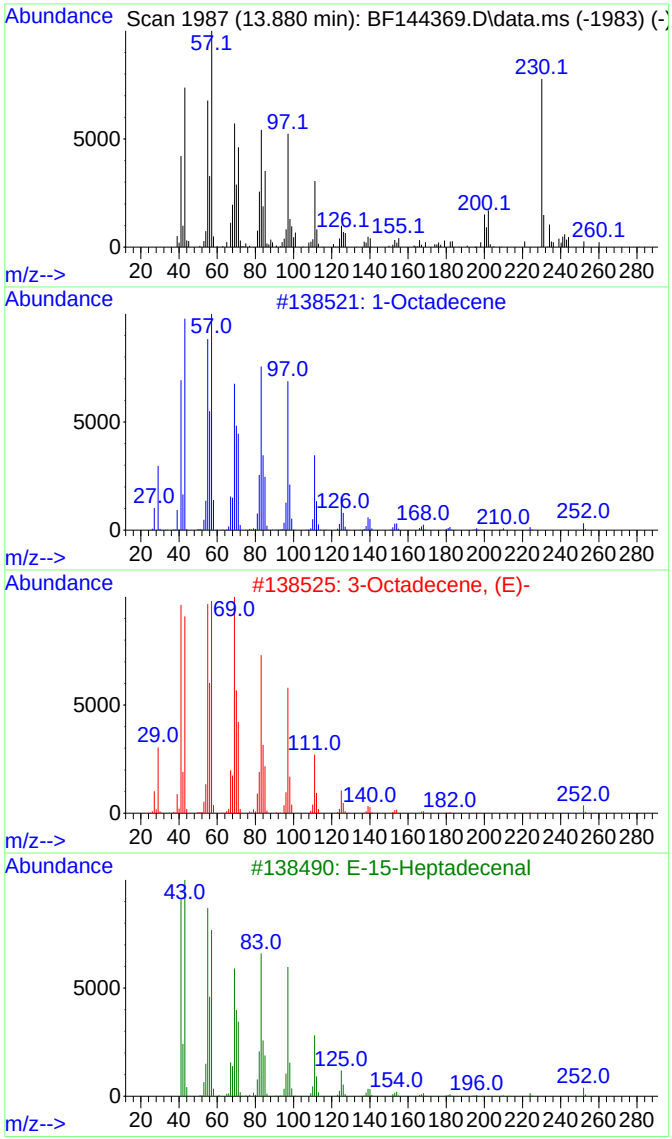
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

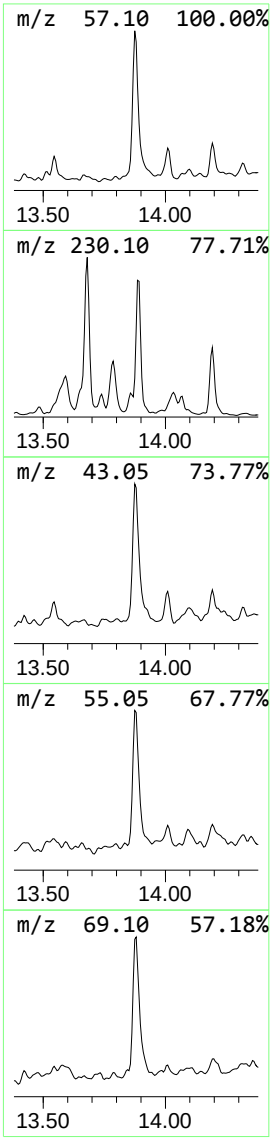
**********

Peak Number 8 1-Octadecene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 5.06 ng | 180147 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 94 |
| 2 | 3-Octadecene, (E)- | 252 | C18H36 | 007206-19-1 | 92 |
| 3 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 84 |
| 4 | 5-Octadecene, (E)- | 252 | C18H36 | 007206-21-5 | 80 |
| 5 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 70 |



Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

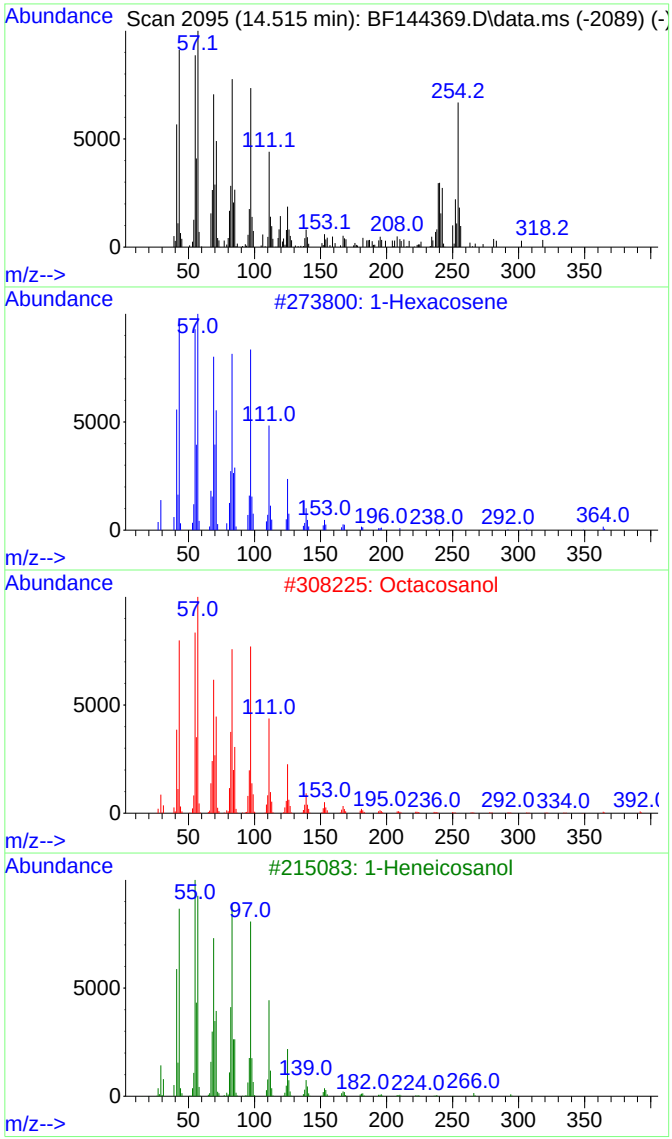
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

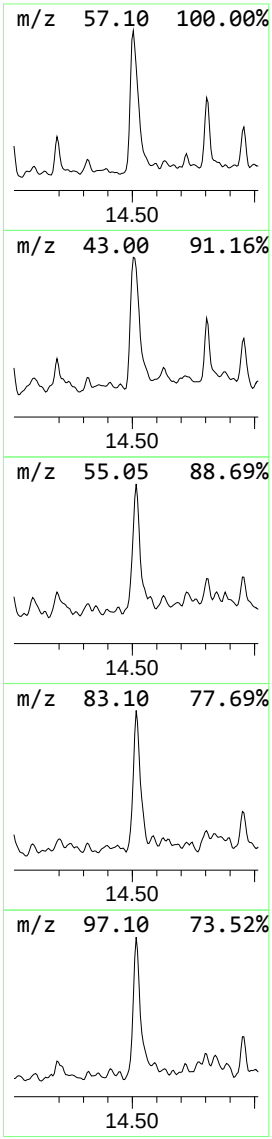
**********

Peak Number 9 1-Hexacosene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.515 | 4.27 ng | 152020 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 90 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 90 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 90 |
| 4 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 90 |
| 5 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 83 |



Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

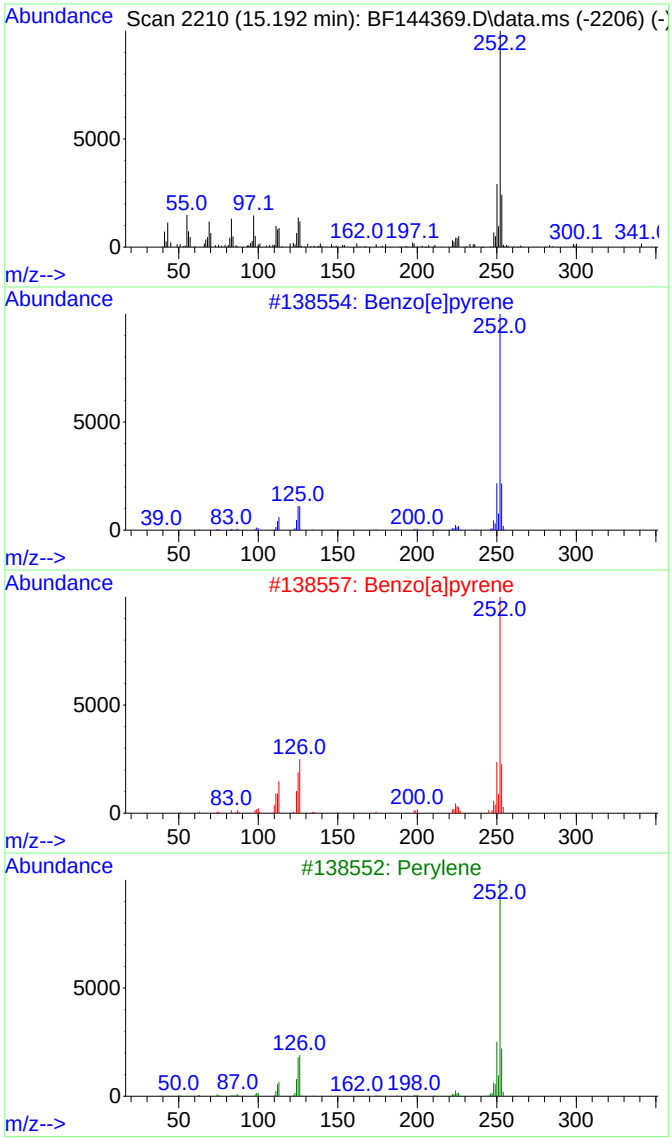
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

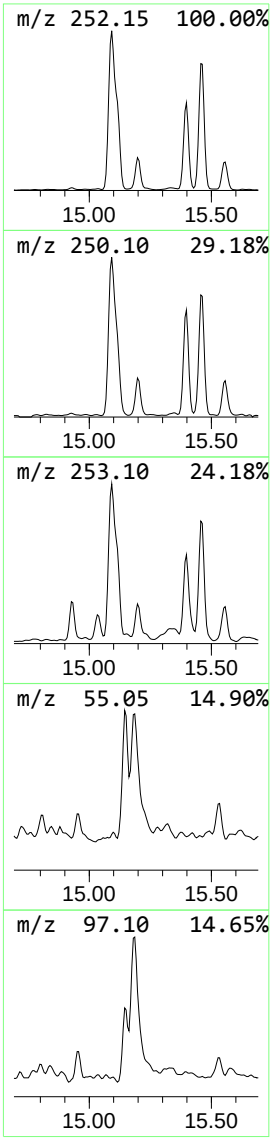
**********

Peak Number 10 Benzo[e]pyrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.192 | 8.69 ng | 220210 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 91 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 89 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 81 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 81 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

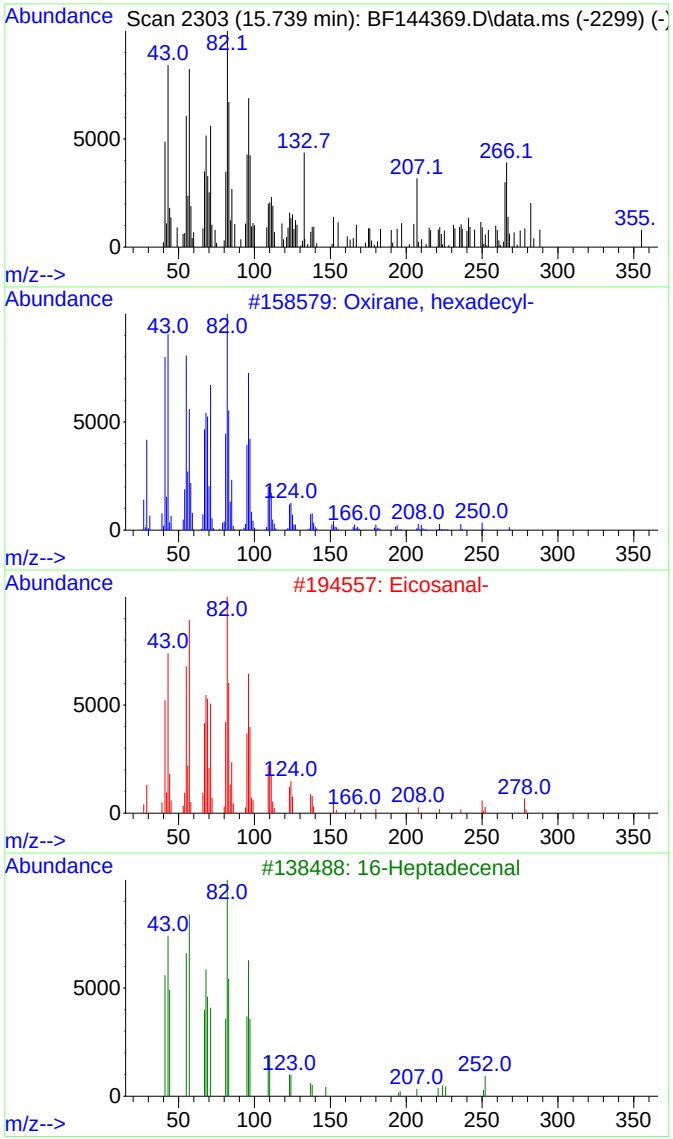
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

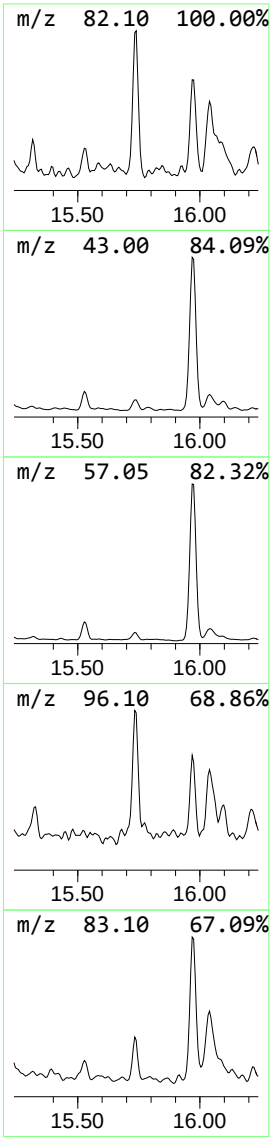
**********

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.739 | 2.62 ng | 66520 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 97 |
| 2 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 90 |
| 3 | 16-Heptadecenal | 252 | C17H32O | 1010144-57-9 | 87 |
| 4 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 78 |
| 5 | 14-Heptadecenal | 252 | C17H32O | 1010144-58-0 | 70 |



Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

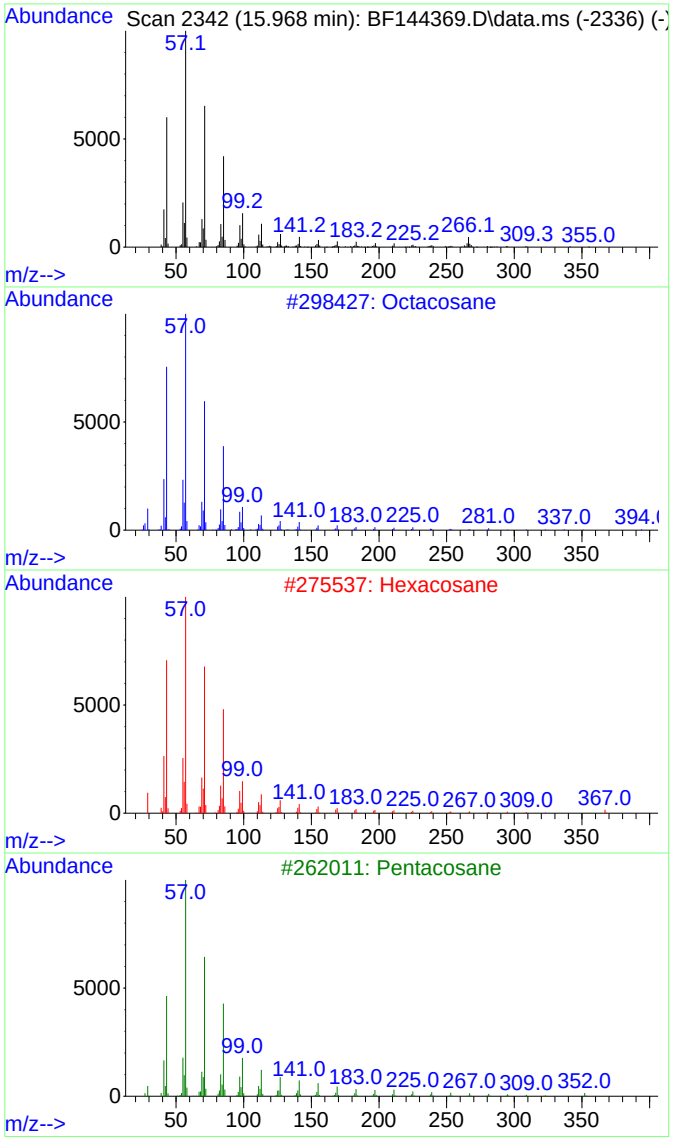
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

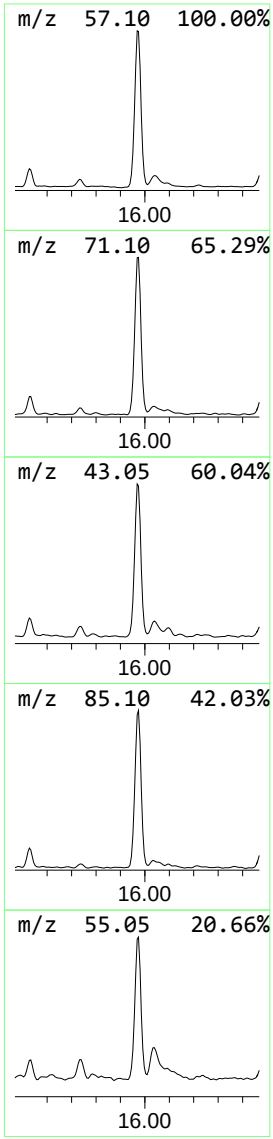
**********

Peak Number 13 Octacosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.968 | 19.79 ng | 501610 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 4 | Hexadecane, 2-methyl- | 240 | C17H36 | 001560-92-5 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

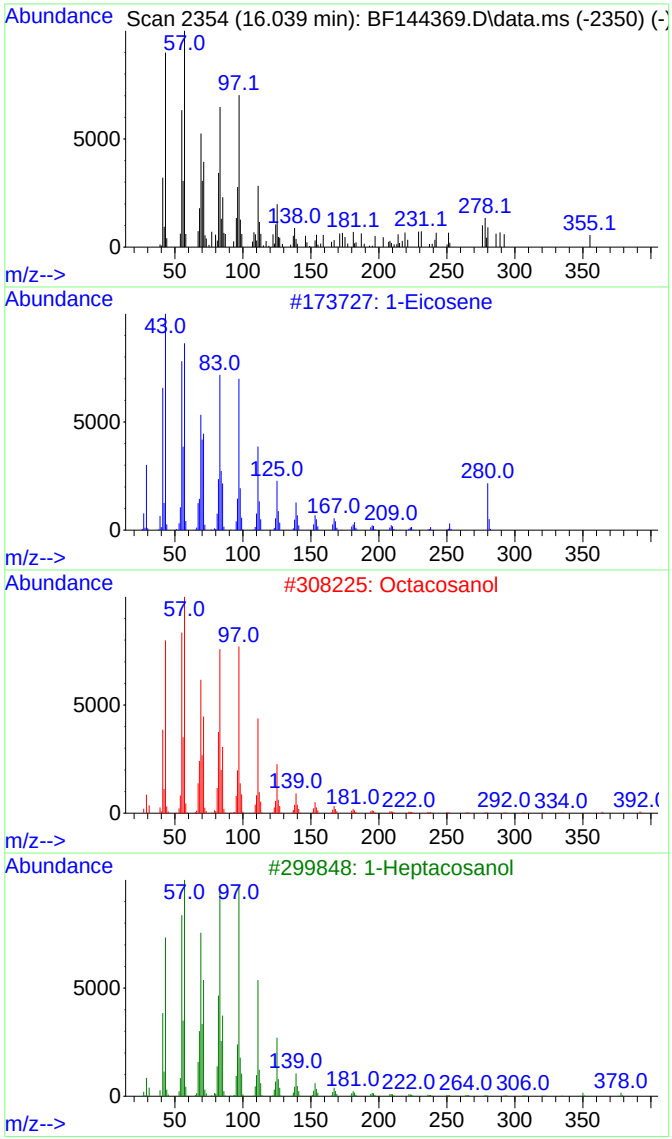
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

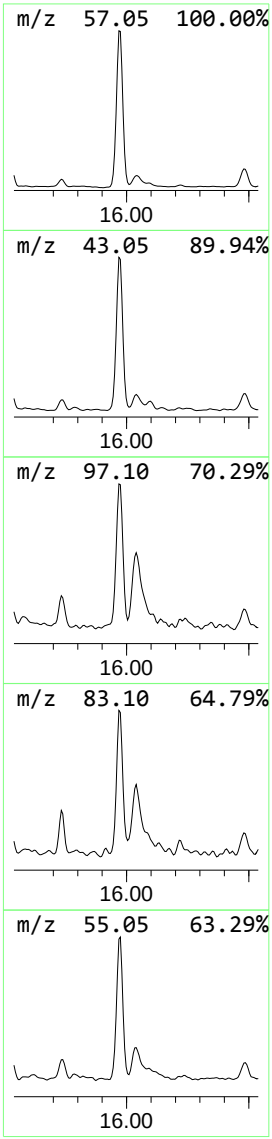
**********

Peak Number 14 1-Eicosene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.039 | 2.24 ng | 56851 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Eicosene | 280 | C20H40 | 003452-07-1 | 91 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 81 |
| 3 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 81 |
| 4 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 74 |
| 5 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

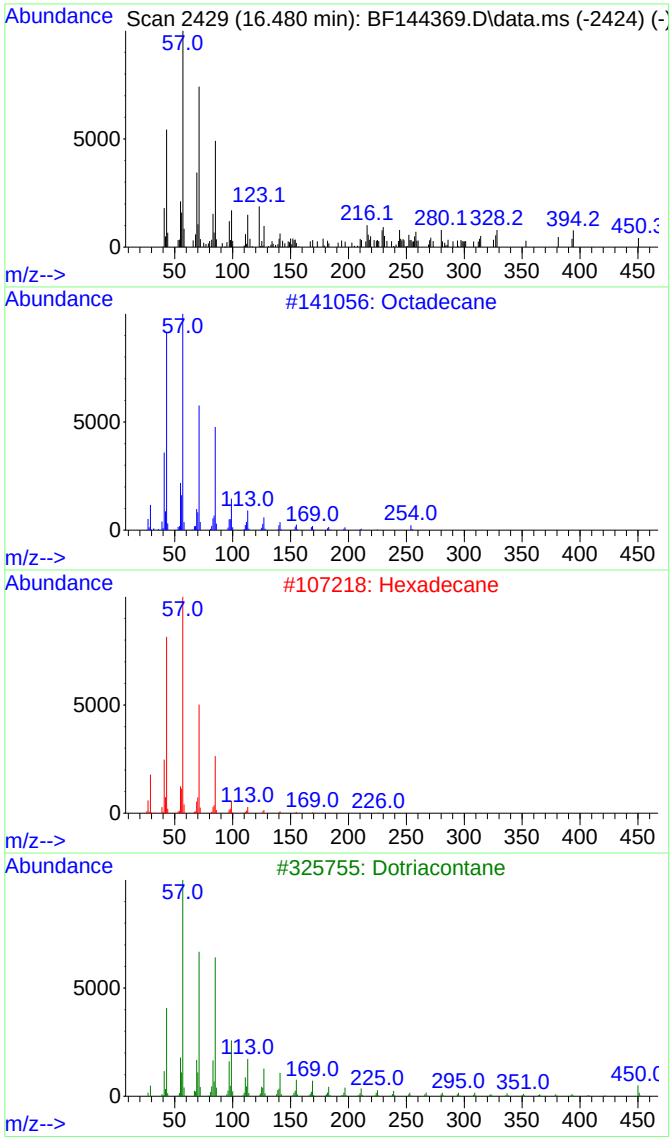
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

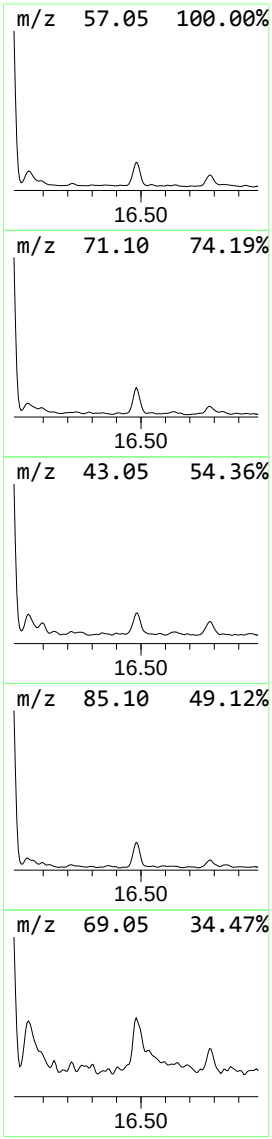
**********

Peak Number 15 Octadecane Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.480 | 4.25 ng | 107748 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 3 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 70 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 70 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

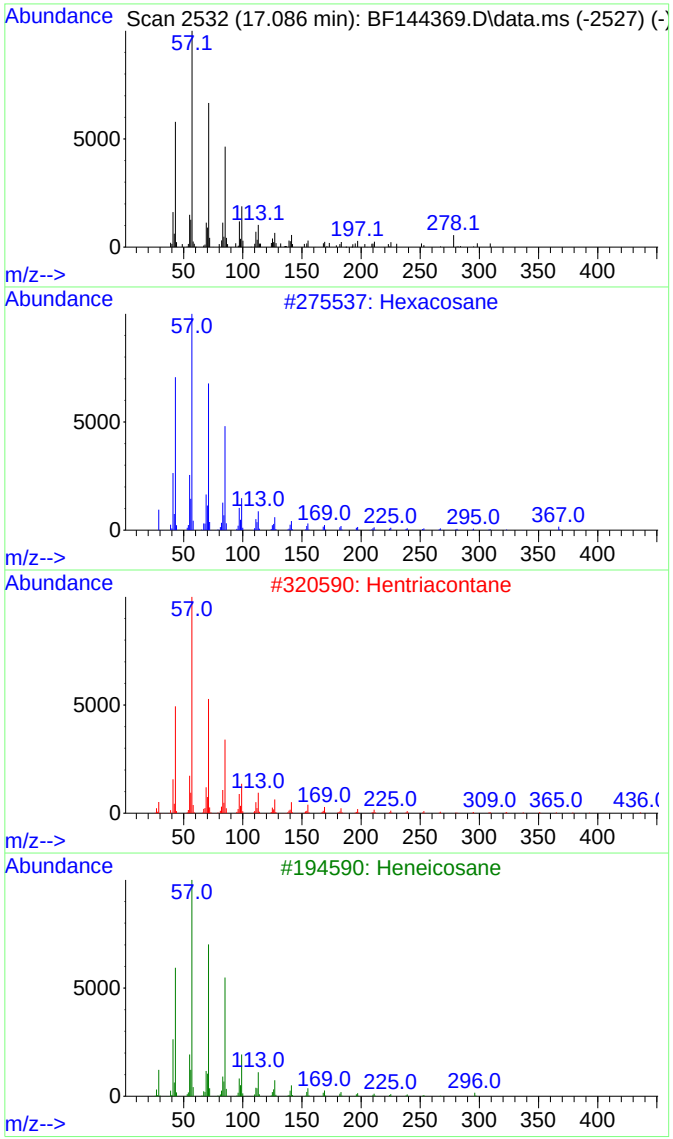
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

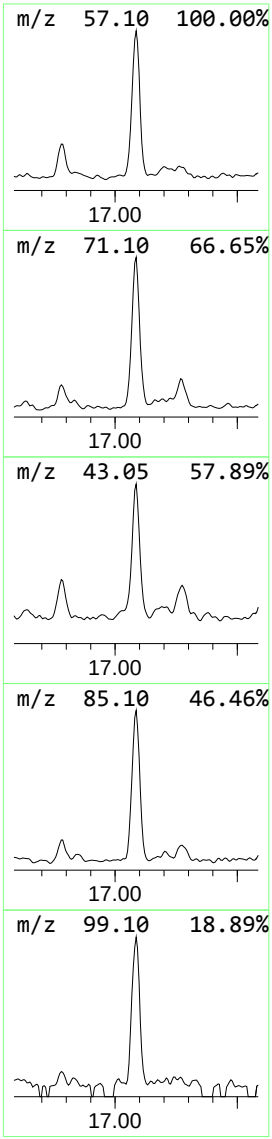
**********

Peak Number 16 Hexacosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.086 | 5.74 ng | 145478 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 2 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 87 |
| 5 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

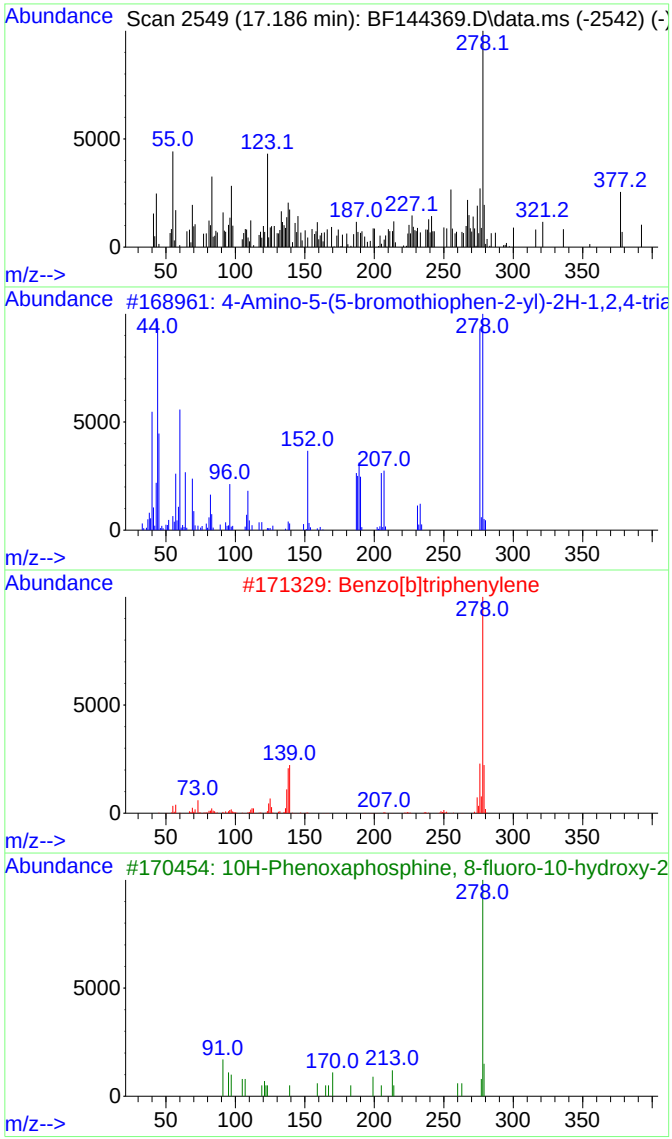
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

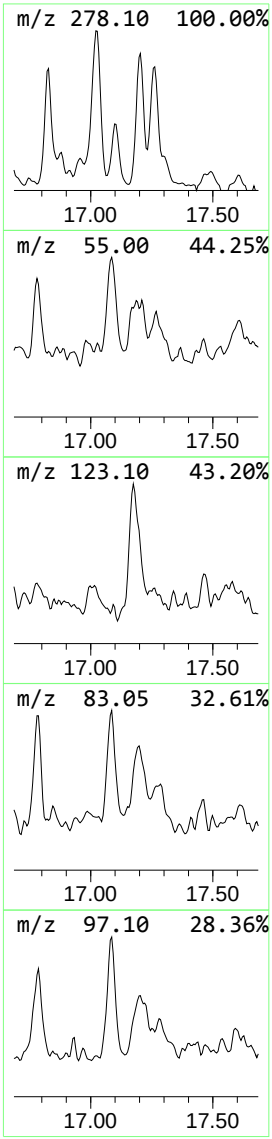
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 4-Amino-5-(5-bromothiophen-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.186 | 4.59 ng | 116285 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Amino-5-(5-bromothiophen-2-yl)... | 276 | C6H5BrN4S2 | 1000387-62-6 | 86 |
| 2 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 42 |
| 3 | 10H-Phenoxaphosphine, 8-fluoro-1... | 278 | C14H12FO3P | 037041-13-7 | 41 |
| 4 | Estrane-3,17-diol, (3.alpha.,5.a... | 278 | C18H30O2 | 010002-95-6 | 38 |
| 5 | Vanadium, (.eta.5-2,4-cyclopenta... | 278 | C17H23V | 126948-97-8 | 38 |



Sample Results: **BF144369.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 5.9 | ng | 119101 | 3 | 9.898 | 402320 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 16.6 | ng | 343009 | 4 | 11.392 | 412538 | 20.0 |
| 1-Octadecene | 13.880 | 5.1 | ng | 180147 | 5 | 14.039 | 711993 | 20.0 |
| 1-Hexacosene | 14.515 | 4.3 | ng | 152020 | 5 | 14.039 | 711993 | 20.0 |
| Benzo[e]pyrene | 15.192 | 8.7 | ng | 220210 | 6 | 15.521 | 506920 | 20.0 |
| Oxirane, hexade... | 15.739 | 2.6 | ng | 66520 | 6 | 15.521 | 506920 | 20.0 |
| Octacosane | 15.968 | 19.8 | ng | 501610 | 6 | 15.521 | 506920 | 20.0 |
| 1-Eicosene | 16.039 | 2.2 | ng | 56851 | 6 | 15.521 | 506920 | 20.0 |
| Octadecane | 16.480 | 4.3 | ng | 107748 | 6 | 15.521 | 506920 | 20.0 |
| Hexacosane | 17.086 | 5.7 | ng | 145478 | 6 | 15.521 | 506920 | 20.0 |
| 4-Amino-5-(5-br... | 17.186 | 4.6 | ng | 116285 | 6 | 15.521 | 506920 | 20.0 |

Raw Data: **BF144370.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | Date Collected: | 11/24/25 | |
| Project: | Saddler Property | | Date Received: | 11/25/25 | |
| Client Sample ID: | SB-1125-14B | | SDG No.: | Q3719 | |
| Lab Sample ID: | Q3719-08 | | Matrix: | SOIL | |
| Analytical Method: | 8270E | Level: LOW | % Solid: | 88.3 | |
| Sample Wt/Vol: | 30.08 g | Final Vol: 1000 uL | Test: | SVOC-TCL BNA -20 | |
| Prep Method : | SW3541 | Prep Date: 11/25/25 | | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 180 | U | 1 | 180 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 108-95-2 | Phenol | 25.0 | U | 1 | 25.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 27.4 | U | 1 | 27.4 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 27.6 | U | 1 | 27.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 95-48-7 | 2-Methylphenol | 33.8 | U | 1 | 33.8 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 42.4 | U | 1 | 42.4 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 98-86-2 | Acetophenone | 33.3 | U | 1 | 33.3 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 46.4 | U | 1 | 46.4 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 53.5 | U | 1 | 53.5 | 90.4 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 67-72-1 | Hexachloroethane | 19.9 | U | 1 | 19.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 98-95-3 | Nitrobenzene | 20.7 | U | 1 | 20.7 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 78-59-1 | Isophorone | 37.0 | U | 1 | 37.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 65.7 | U | 1 | 65.7 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 73.2 | U | 1 | 73.2 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 34.8 | U | 1 | 34.8 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 32.0 | U | 1 | 32.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 91-20-3 | Naphthalene | 25.6 | U | 1 | 25.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 40.0 | U | 1 | 40.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 28.6 | U | 1 | 28.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 105-60-2 | Caprolactam | 58.8 | U | 1 | 58.8 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 32.4 | U | 1 | 32.4 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 28.9 | U | 1 | 28.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.4 | U | 1 | 22.4 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 32.9 | U | 1 | 32.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 24.6 | U | 1 | 24.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 25.4 | U | 1 | 25.4 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 54.3 | U | 1 | 54.3 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 131-11-3 | Dimethylphthalate | 30.6 | U | 1 | 30.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 208-96-8 | Acenaphthylene | 32.6 | U | 1 | 32.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 38.0 | U | 1 | 38.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 52.0 | U | 1 | 52.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 83-32-9 | Acenaphthene | 24.1 | U | 1 | 24.1 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 132-64-9 | Dibenzofuran | 25.6 | U | 1 | 25.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 56.6 | U | 1 | 56.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 84-66-2 | Diethylphthalate | 32.0 | U | 1 | 32.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30.2 | U | 1 | 30.2 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 86-73-7 | Fluorene | 28.6 | U | 1 | 28.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 72.5 | U | 1 | 72.5 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |

Raw Data: **BF144370.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-14B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-08 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 88.3 |
| Sample Wt/Vol: | 30.08 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 37.2 | U | 1 | 37.2 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 31.4 | U | 1 | 31.4 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 28.6 | U | 1 | 28.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 1912-24-9 | Atrazine | 38.4 | U | 1 | 38.4 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 87-86-5 | Pentachlorophenol | 57.9 | U | 1 | 57.9 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 85-01-8 | Phenanthrene | 180 | J | 1 | 23.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 120-12-7 | Anthracene | 37.6 | U | 1 | 37.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 86-74-8 | Carbazole | 35.2 | U | 1 | 35.2 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 54.1 | U | 1 | 54.1 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 206-44-0 | Fluoranthene | 420 | | 1 | 33.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 129-00-0 | Pyrene | 280 | | 1 | 40.7 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 80.6 | U | 1 | 80.6 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 41.5 | U | 1 | 41.5 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 280 | | 1 | 26.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 218-01-9 | Chrysene | 290 | | 1 | 22.5 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 66.9 | U | 1 | 66.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 98.0 | U | 1 | 98.0 | 370 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 360 | | 1 | 21.5 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 150 | J | 1 | 25.3 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 290 | | 1 | 33.3 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 93.9 | J | 1 | 32.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 30.9 | U | 1 | 30.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 110 | J | 1 | 29.0 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 28.9 | U | 1 | 28.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 51.1 | U | 1 | 51.1 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 30.9 | U | 1 | 30.9 | 190 | ug/Kg | 11/26/25 19:43 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 82.8 | | | 10 - 105 | 55% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 83.9 | | | 10 - 103 | 56% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 58.9 | | | 10 - 108 | 59% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 63.6 | | | 10 - 108 | 64% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 70.7 | | | 10 - 116 | 47% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 44.8 | | | 10 - 109 | 45% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 55500 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 197000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 102000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 149000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 136000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 168000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 240 | J | | | 10.6 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 420 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144370.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-14B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-08 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 88.3 |
| Sample Wt/Vol: | 30.08 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 1000406-04-8 | Pentadecafluorooctanoic acid, octa | 180 | J | | | 13.9 | ug/Kg | | |
| 000295-65-8 | Cyclohexadecane | 160 | J | | | 14.5 | ug/Kg | | |
| 000192-97-2 | Benzo[e]pyrene | 270 | J | | | 15.2 | ug/Kg | | |
| 000629-92-5 | Nonadecane | 440 | J | | | 16.0 | ug/Kg | | |
| 000629-78-7 | Heptadecane | 130 | J | | | 17.1 | 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

Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 27 00:51:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 55532 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.139 | 136 | 197185 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 101598 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 149191 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 136224 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 168122 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 293859 | 82.808 | ng | | 0.00 |
| 7) Phenol-d6 | 6.493 | 99 | 337512 | 83.939 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 201180 | 58.925 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 90150 | 70.709 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 437698 | 63.628 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 384397 | 44.822 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 36451 | 4.907 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 85666 | 11.164 | ng | | 98 |
| 78) Pyrene | 12.839 | 202 | 81247 | 7.397 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.027 | 228 | 70319m | 7.448 | ng | | |
| 83) Chrysene | 14.063 | 228 | 67446 | 7.739 | ng | | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 17.015 | 276 | 30089 | 2.493 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 92427m | 9.670 | ng | | |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 35285m | 3.944 | ng | | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 68923 | 7.816 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 17.474 | 276 | 28769 | 3.006 | ng | # | 92 |

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

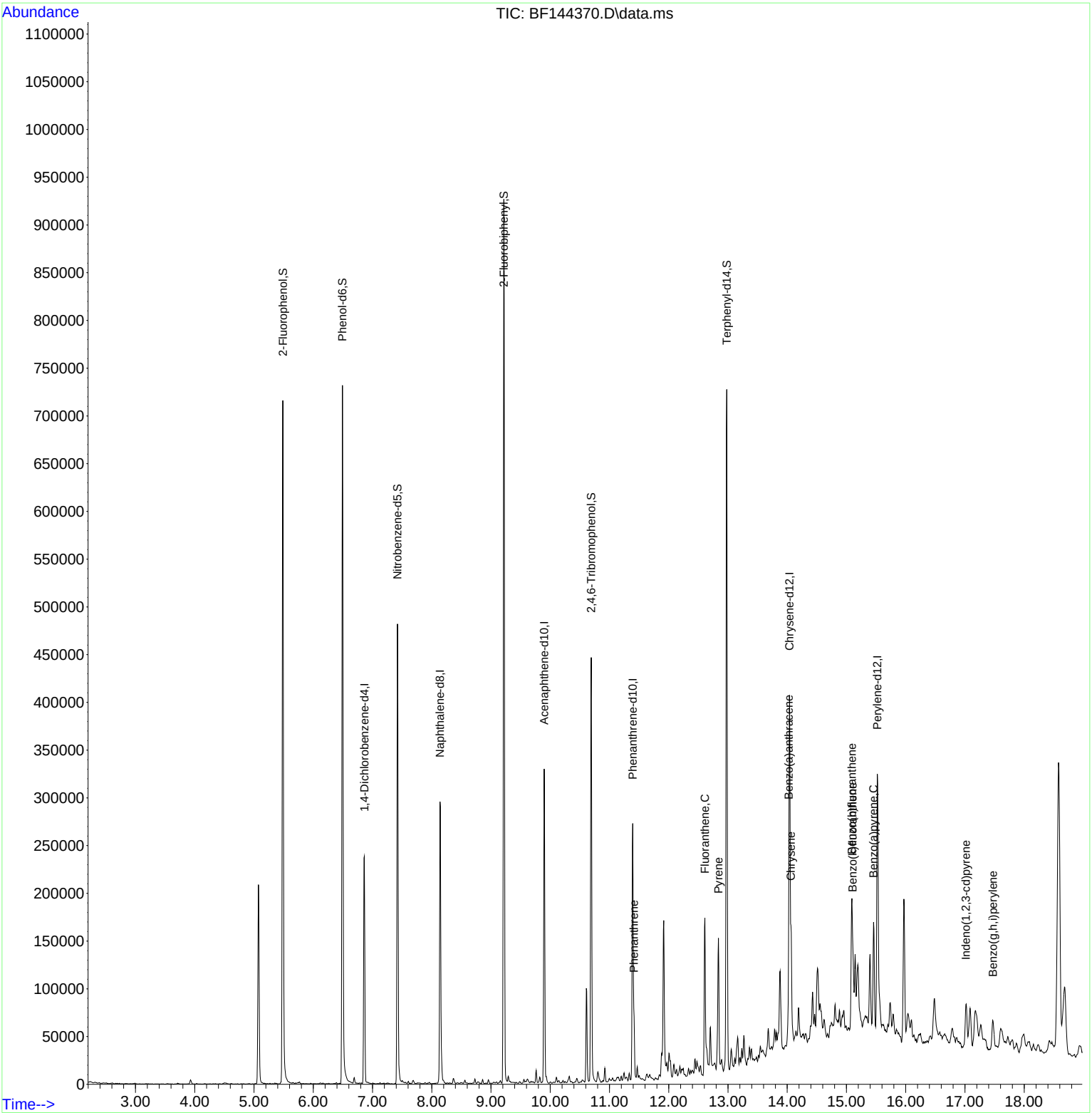
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

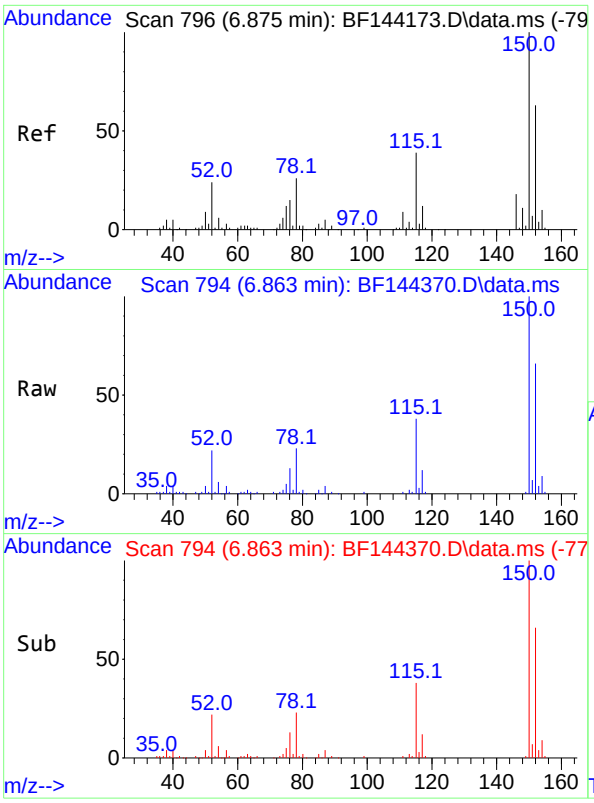
Quant Time: Nov 27 00:51:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

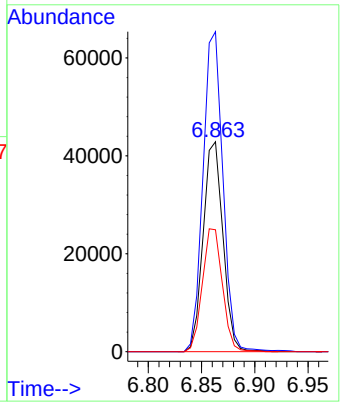





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:152 Resp: 5553

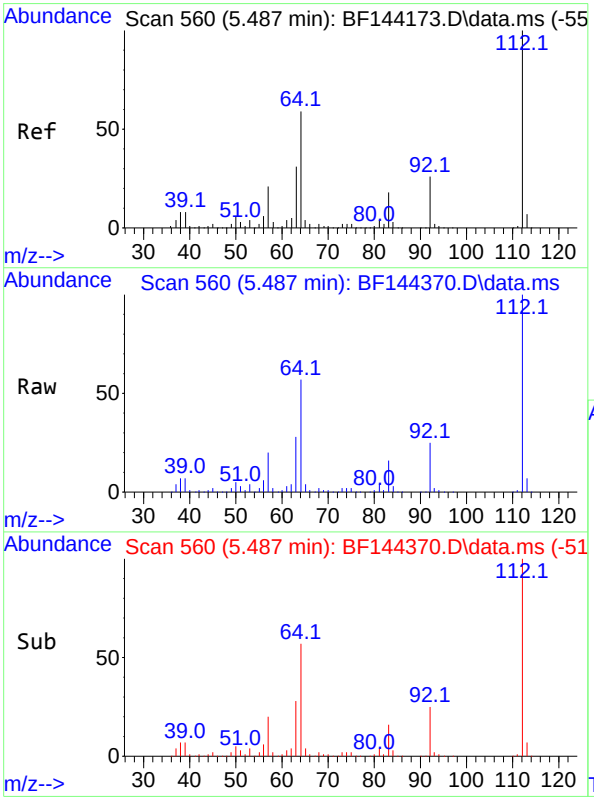
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.4 | 127.4 | 191.0 |
| 115 | 58.0 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
**APPROVED**

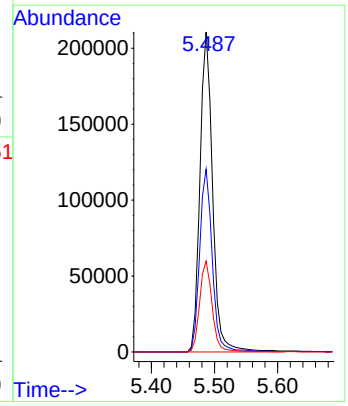
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

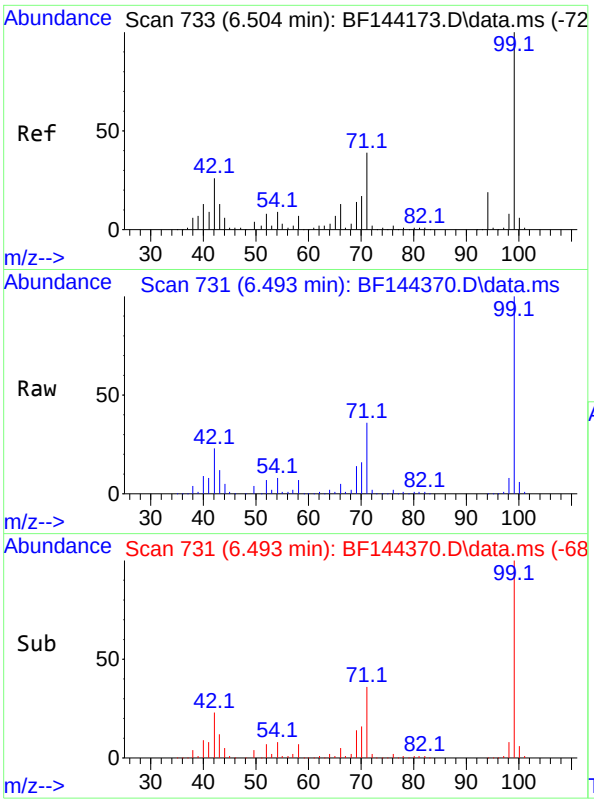



#5
2-Fluorophenol
Concen: 82.808 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:112 Resp: 293859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.1 | 47.2 | 70.8 |
| 63 | 28.4 | 24.4 | 36.6 |

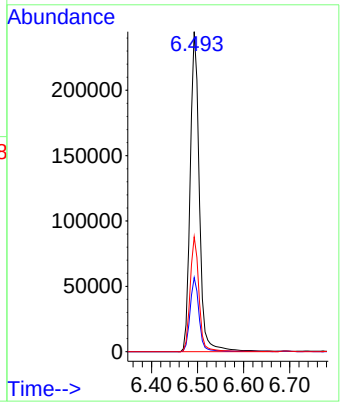





#7
Phenol-d6
Concen: 83.939 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion: 99 Resp: 33751

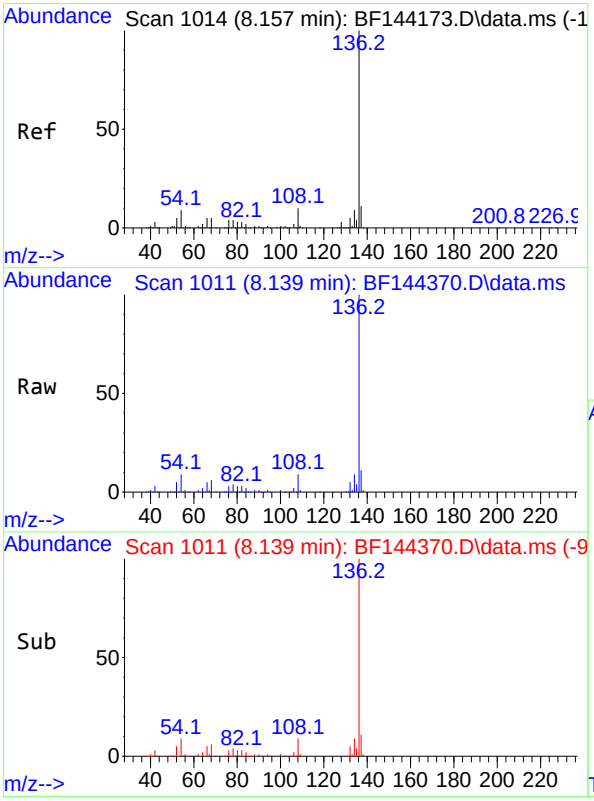
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.1 | 20.9 | 31.3 |
| 71 | 35.9 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
**APPROVED**

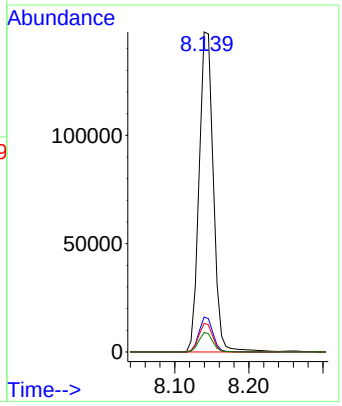
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

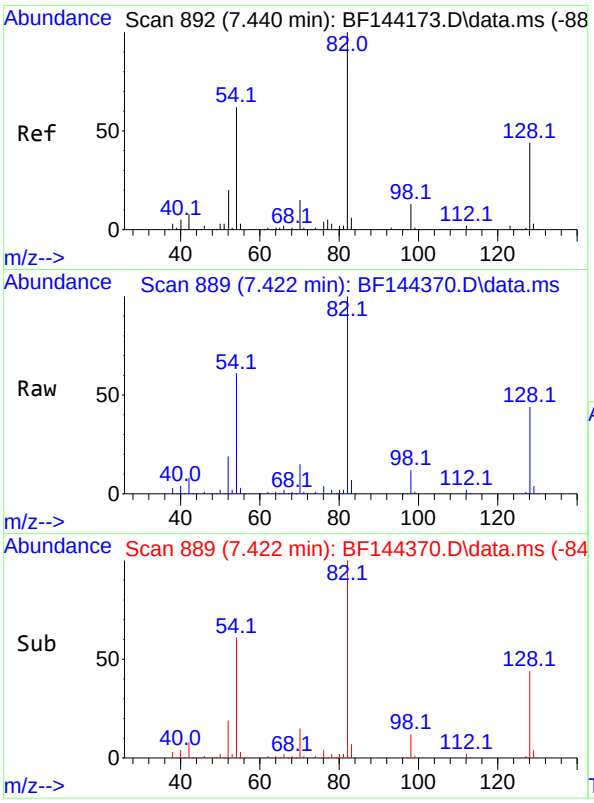



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:136 Resp: 197185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 8.9 | 7.0 | 10.6 |
| 68 | 6.1 | 4.3 | 6.5 |

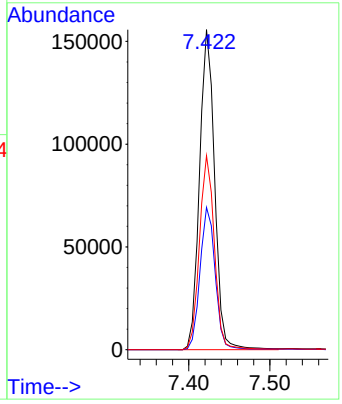





#23
Nitrobenzene-d5
Concen: 58.925 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion: 82 Resp: 20118

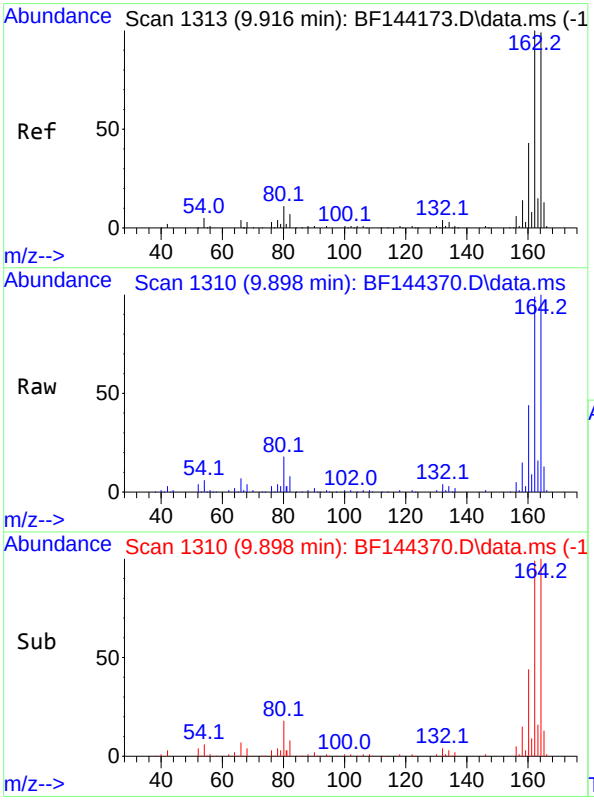
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.4 | 34.7 | 52.1 |
| 54 | 60.6 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
**APPROVED**

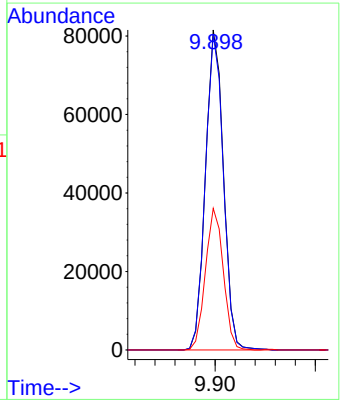
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

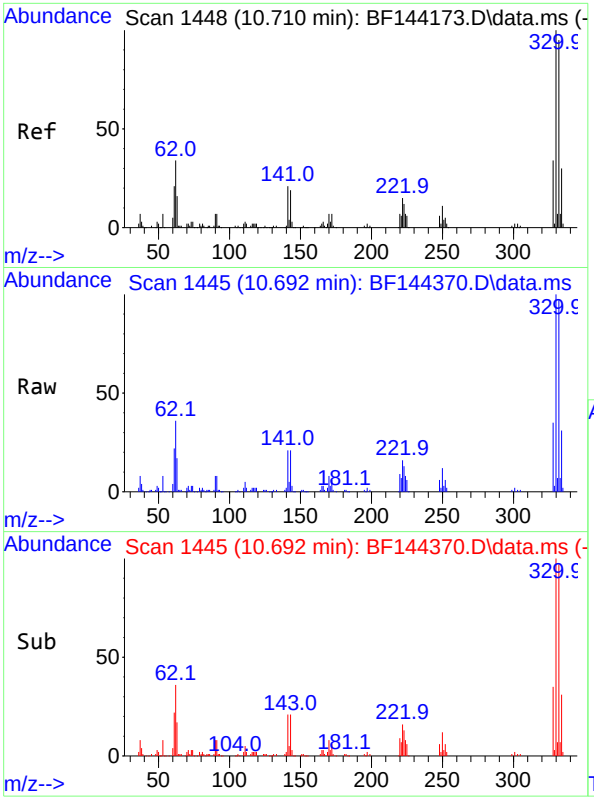



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:164 Resp: 101598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.7 | 81.1 | 121.7 |
| 160 | 44.3 | 34.5 | 51.7 |

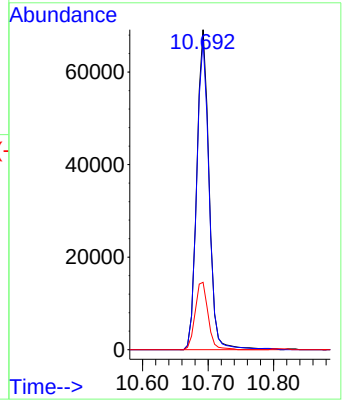





#42
2,4,6-Tribromophenol
Concen: 70.709 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:330 Resp: 9015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.7 | 115.1 |
| 141 | 22.2 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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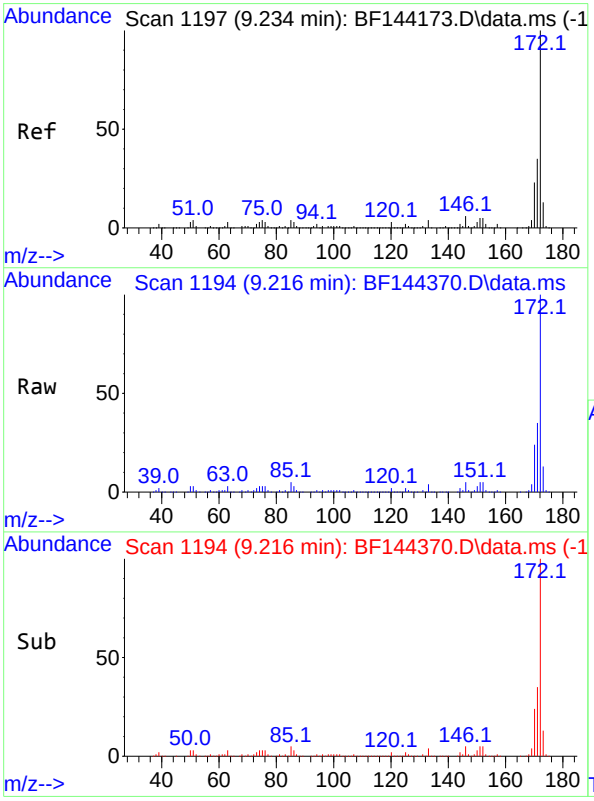
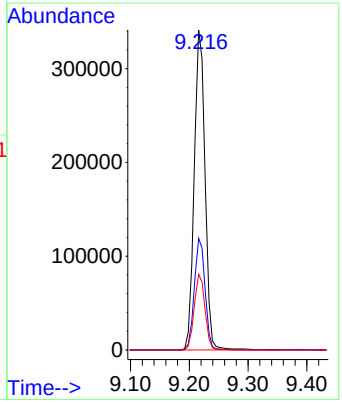
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

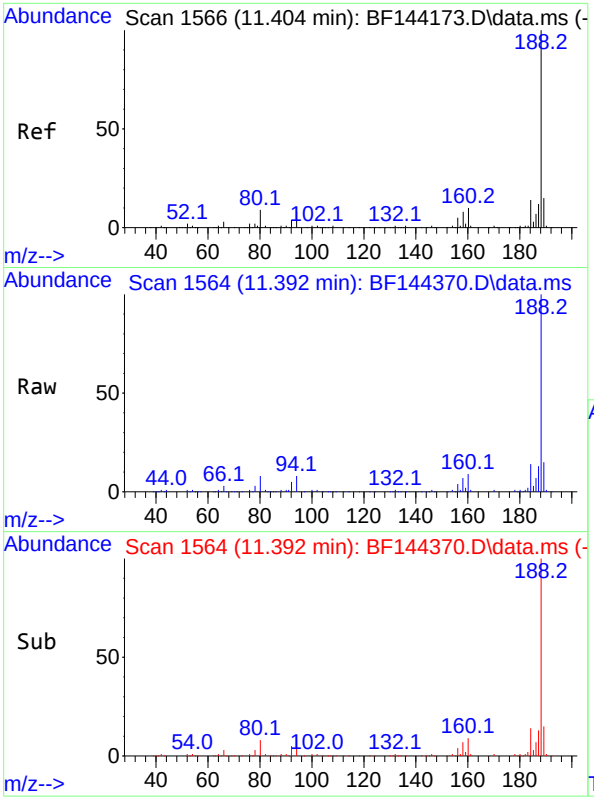



#45
2-Fluorobiphenyl
Concen: 63.628 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:172 Resp: 437698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.1 | 42.1 |
| 170 | 23.7 | 18.6 | 28.0 |

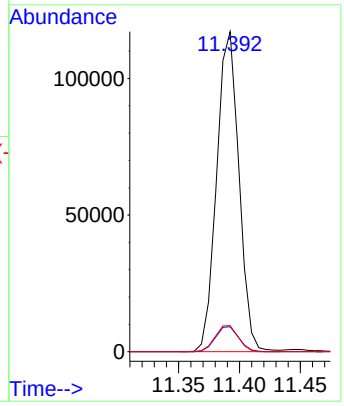





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:188 Resp: 14919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.2 | 9.2 |
| 80 | 8.2 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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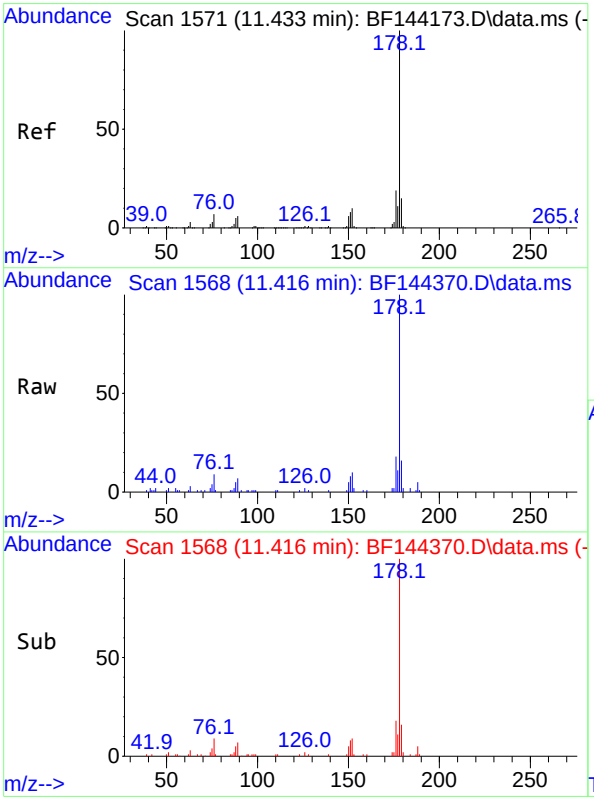
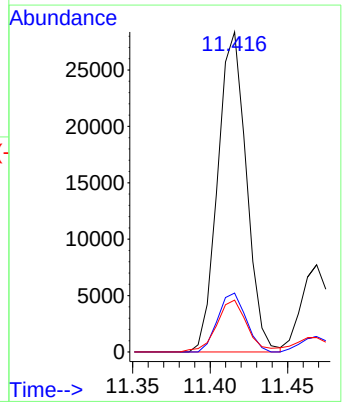
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

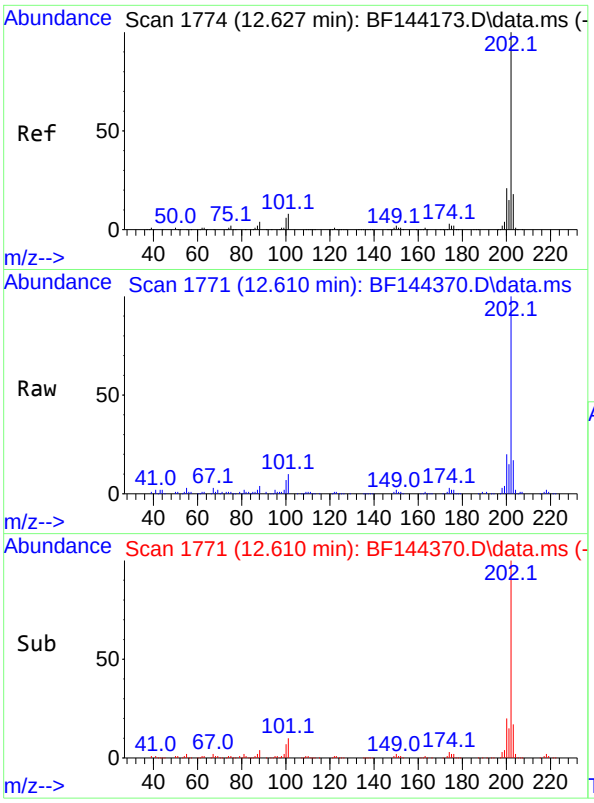



#71
Phenanthrene
Concen: 4.907 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:178 Resp: 36451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.5 | 23.3 |
| 179 | 16.2 | 12.2 | 18.4 |

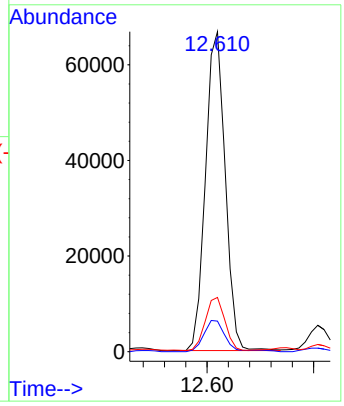





#75
Fluoranthene
Concen: 11.164 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:202 Resp: 8566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 0.0 | 27.9 |
| 203 | 17.0 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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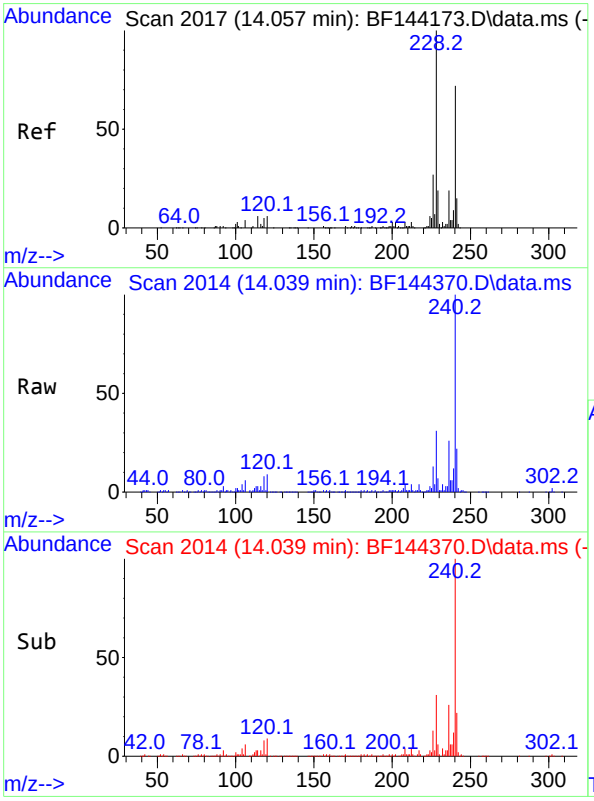
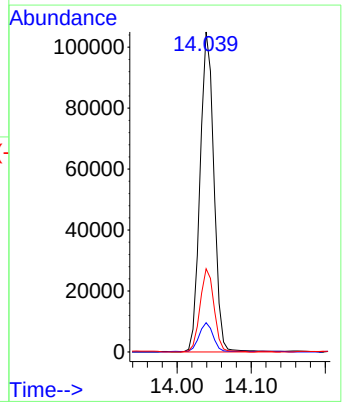
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

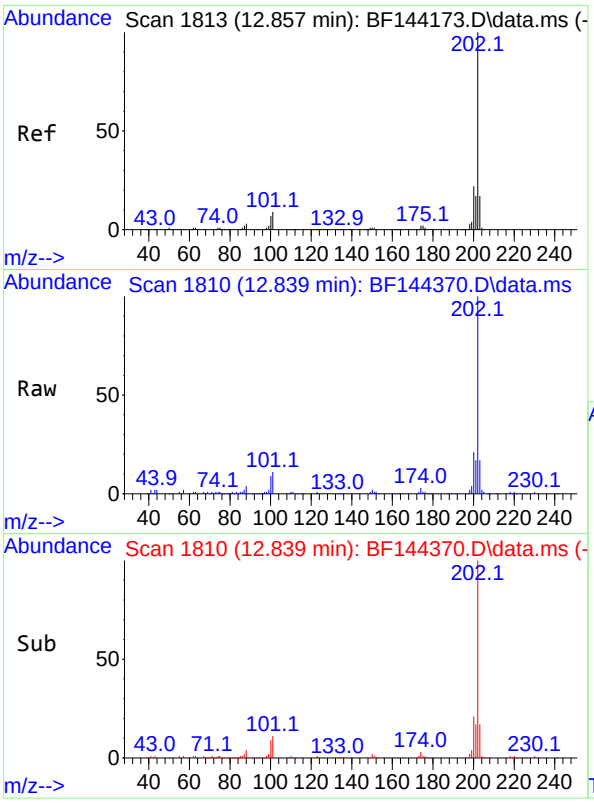



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:240 Resp: 136224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.1 | 6.6 | 10.0 |
| 236 | 26.0 | 21.4 | 32.2 |

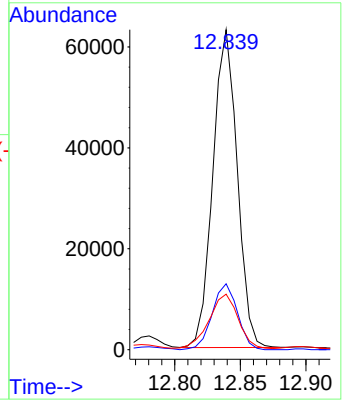





#78
Pyrene
Concen: 7.397 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:202 Resp: 8124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 17.2 | 25.8 |
| 203 | 17.4 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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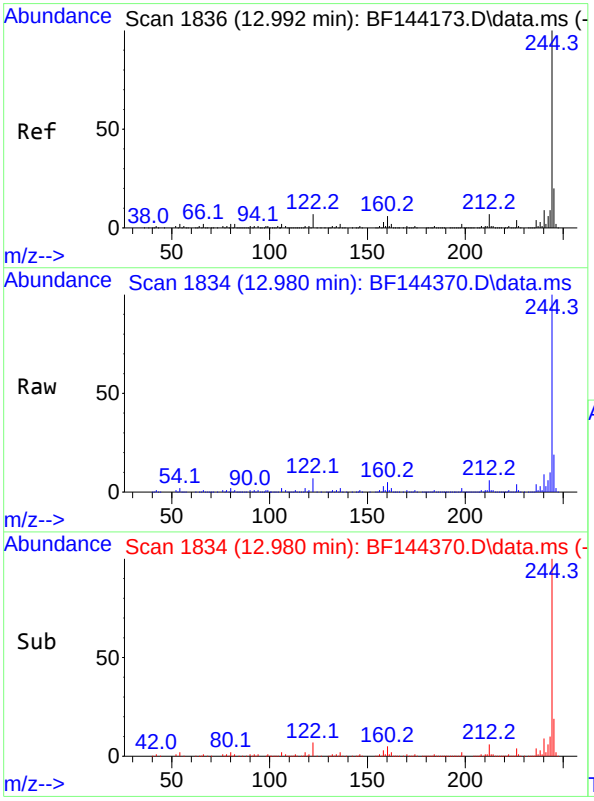
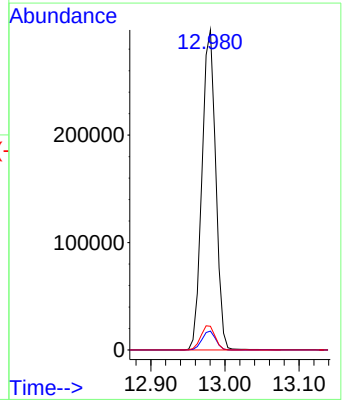
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

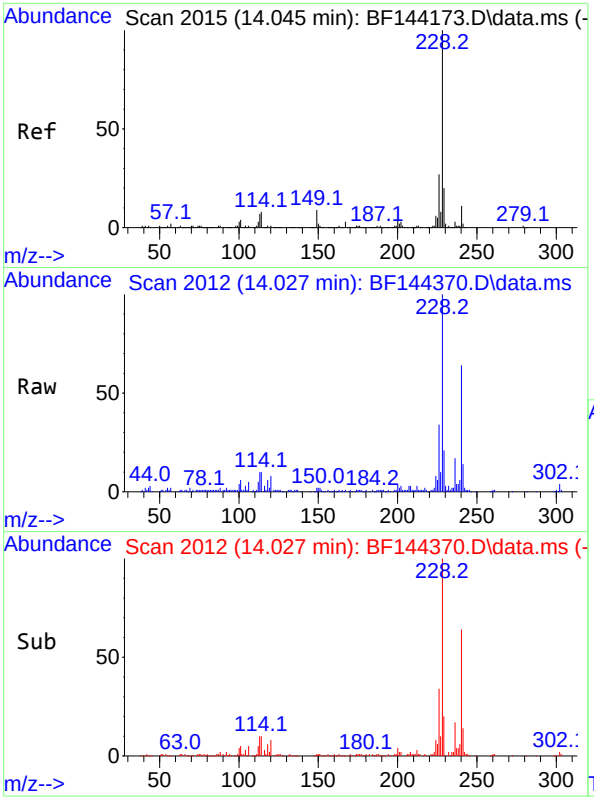



#79
Terphenyl-d14
Concen: 44.822 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:244 Resp: 384397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 5.9 | 5.3 | 7.9 |
| 122 | 7.4 | 5.6 | 8.4 |

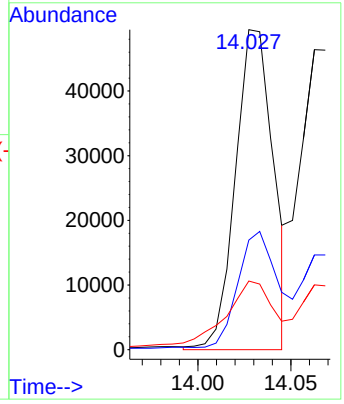





#81
Benzo(a)anthracene
Concen: 7.448 ng m
RT: 14.027 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:228 Resp: 7031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.3 | 21.8 | 32.8 |
| 229 | 21.5 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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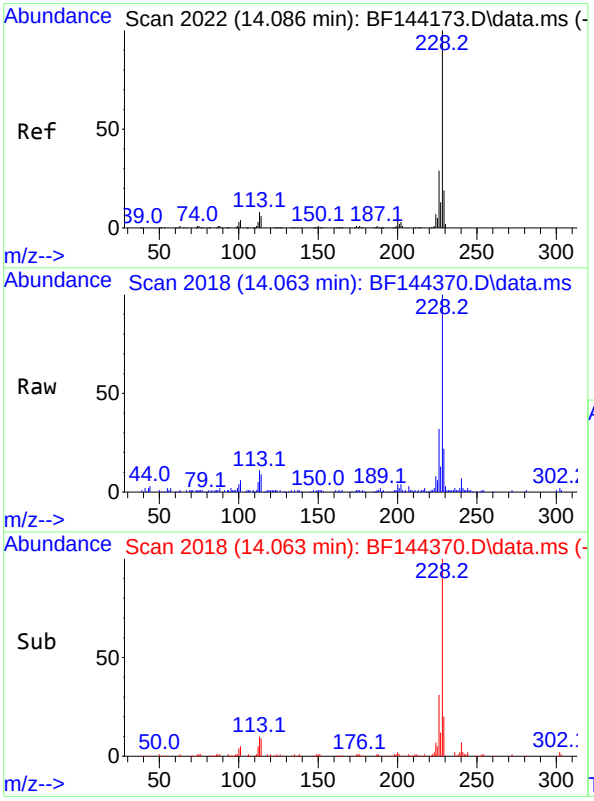
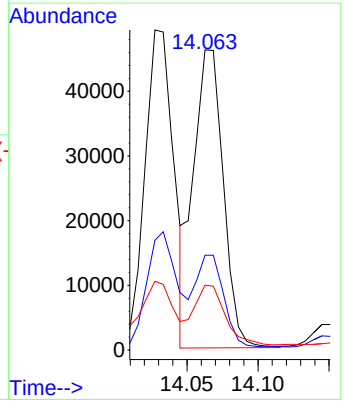
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

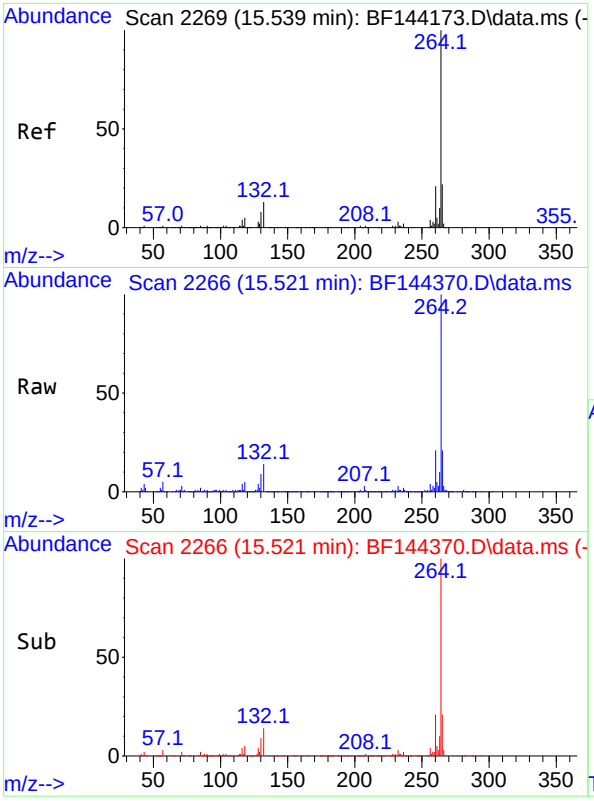



#83
Chrysene
Concen: 7.739 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:228 Resp: 67446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 22.9 | 34.3 |
| 229 | 21.6 | 15.0 | 22.6 |

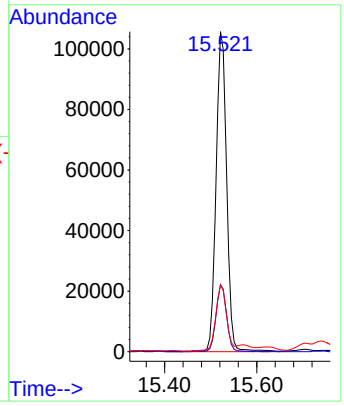





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:264 Resp: 16812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 20.9 | 17.1 | 25.7 |
| 265 | 20.9 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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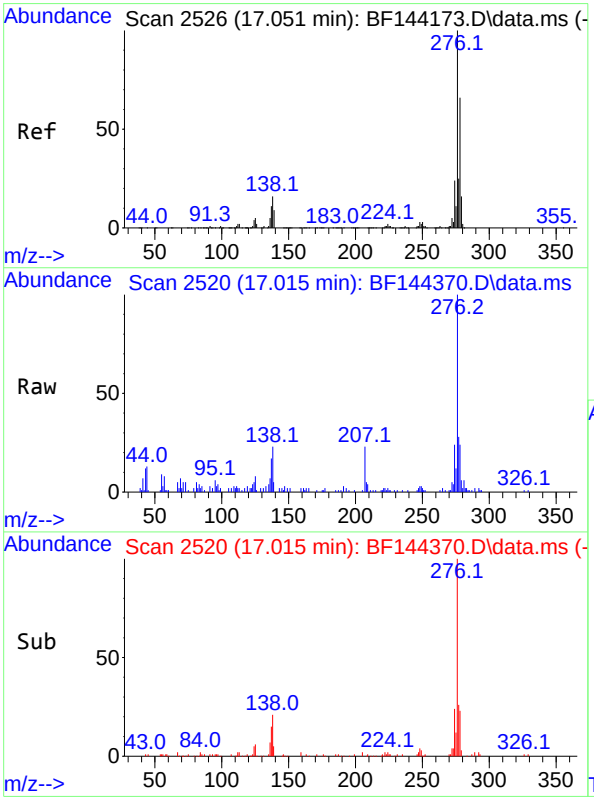
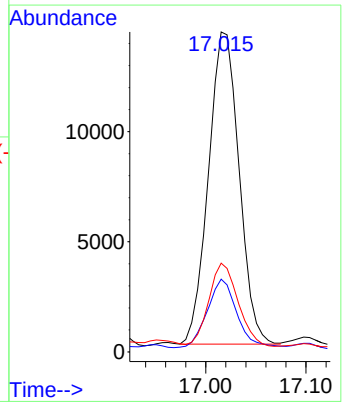
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

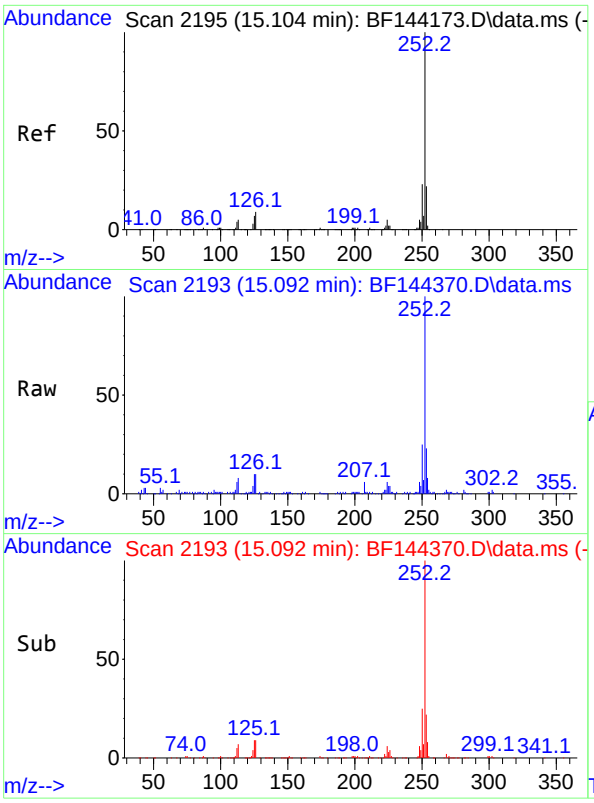



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.493 ng
RT: 17.015 min Scan# 2520
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:276 Resp: 30089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.1 | 13.9 | 20.9# |
| 277 | 25.9 | 19.8 | 29.6 |

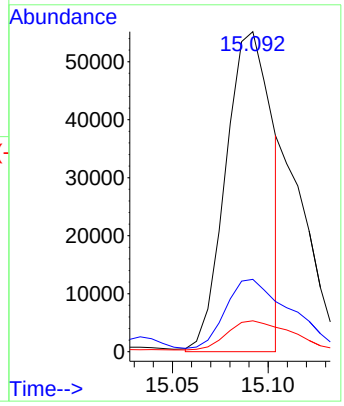





#88
Benzo(b)fluoranthene
Concen: 9.670 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:252 Resp: 9242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.4 | 26.2 |
| 125 | 9.7 | 5.3 | 7.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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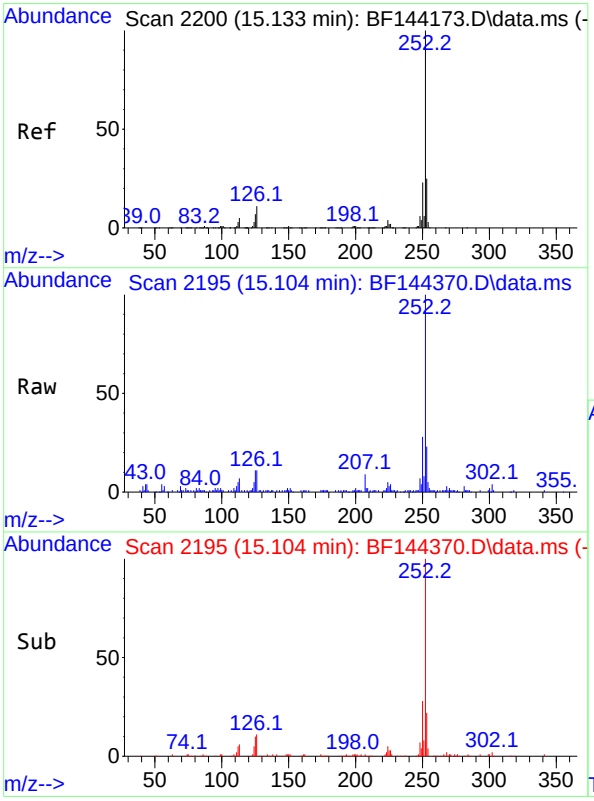
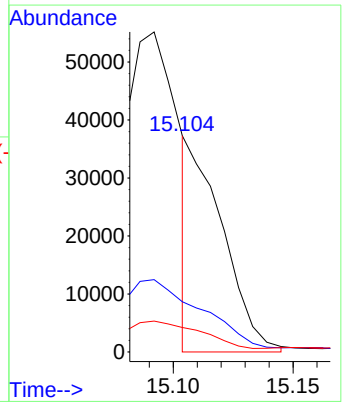
Supervised By :mohammad ahmed 12/03/2025

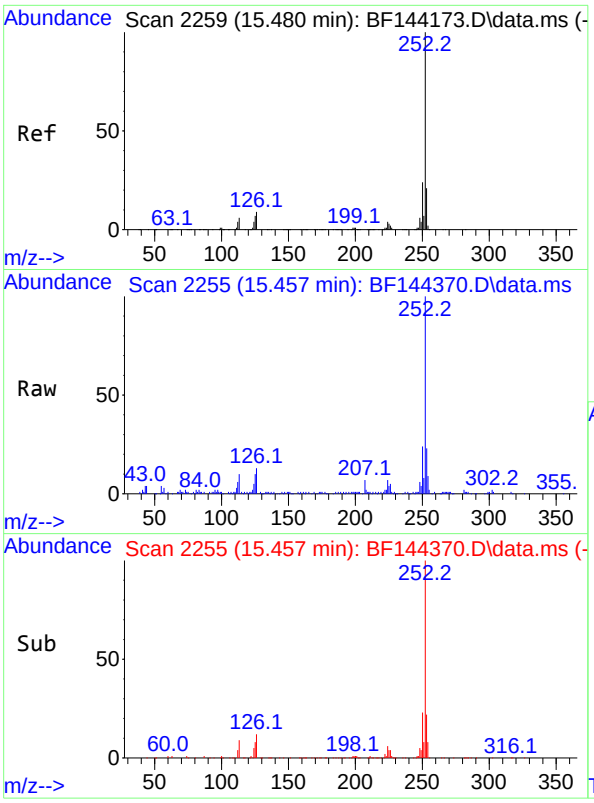



#89
Benzo(k)fluoranthene
Concen: 3.944 ng m
RT: 15.104 min Scan# 2195
Delta R.T. -0.024 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:252 Resp: 35285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 11.3 | 5.4 | 8.2# |

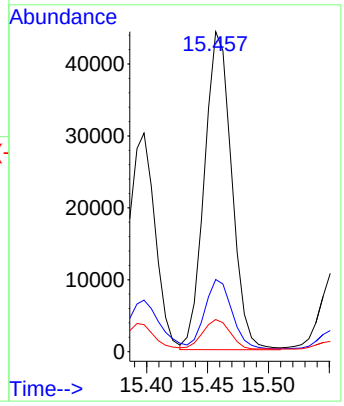





#90
Benzo(a)pyrene
Concen: 7.816 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:252 Resp: 6892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 16.7 | 25.1 |
| 125 | 10.1 | 5.7 | 8.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

**Manual Integrations**
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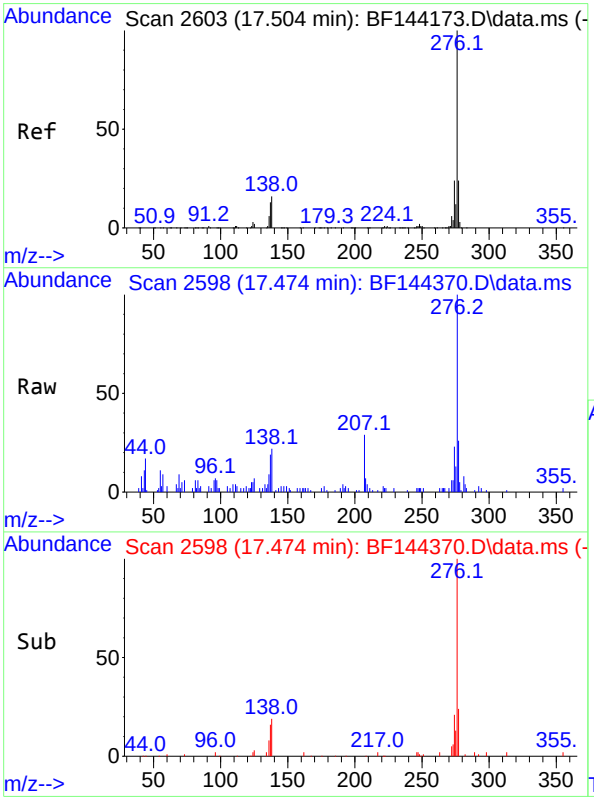
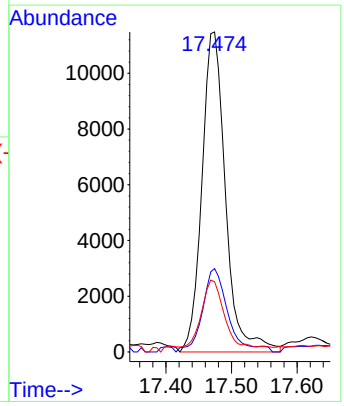
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#92
Benzo(g,h,i)perylene
Concen: 3.006 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144370.D
Acq: 26 Nov 2025 19:43

Tgt Ion:276 Resp: 28769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.0 | 19.0 | 28.4 |
| 138 | 22.0 | 12.9 | 19.3# |



Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144370.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 500 | rBV | 208259 | 311255 | 26.71% | 2.448% |
| 2 | 5.487 | 555 | 560 | 583 | rVB | 714763 | 980373 | 84.13% | 7.711% |
| 3 | 6.493 | 726 | 731 | 750 | rBV | 731533 | 1004534 | 86.20% | 7.901% |
| 4 | 6.863 | 788 | 794 | 801 | rBV | 237718 | 310257 | 26.62% | 2.440% |
| 5 | 7.422 | 884 | 889 | 900 | rBV | 481575 | 625958 | 53.72% | 4.923% |
| 6 | 8.139 | 1003 | 1011 | 1020 | rBV | 294980 | 420786 | 36.11% | 3.310% |
| 7 | 9.216 | 1189 | 1194 | 1204 | rBV | 925905 | 1165287 | 100.00% | 9.165% |
| 8 | 9.763 | 1282 | 1287 | 1291 | rBV | 13158 | 15989 | 1.37% | 0.126% |
| 9 | 9.898 | 1305 | 1310 | 1315 | rBV | 327879 | 407401 | 34.96% | 3.204% |
| 10 | 10.610 | 1426 | 1431 | 1438 | rBV | 98165 | 130235 | 11.18% | 1.024% |
| 11 | 10.692 | 1439 | 1445 | 1459 | rVV | 444858 | 596069 | 51.15% | 4.688% |
| 12 | 10.804 | 1459 | 1464 | 1473 | rVB6 | 11001 | 22792 | 1.96% | 0.179% |
| 13 | 10.922 | 1480 | 1484 | 1488 | rVB | 14165 | 17414 | 1.49% | 0.137% |
| 14 | 11.392 | 1558 | 1564 | 1574 | rVV2 | 268505 | 427764 | 36.71% | 3.364% |
| 15 | 11.469 | 1574 | 1577 | 1580 | rVV | 11351 | 12429 | 1.07% | 0.098% |
| 16 | 11.633 | 1599 | 1605 | 1609 | rBV6 | 6737 | 14666 | 1.26% | 0.115% |
| 17 | 11.680 | 1609 | 1613 | 1625 | rVB6 | 6009 | 16058 | 1.38% | 0.126% |
| 18 | 11.880 | 1643 | 1647 | 1648 | rBV2 | 24095 | 29275 | 2.51% | 0.230% |
| 19 | 11.916 | 1648 | 1653 | 1660 | rVB2 | 155456 | 238361 | 20.46% | 1.875% |
| 20 | 12.004 | 1665 | 1668 | 1677 | rVB3 | 24949 | 55049 | 4.72% | 0.433% |
| 21 | 12.086 | 1677 | 1682 | 1686 | rBV6 | 13256 | 23091 | 1.98% | 0.182% |
| 22 | 12.186 | 1693 | 1699 | 1702 | rBV2 | 10173 | 15418 | 1.32% | 0.121% |
| 23 | 12.445 | 1739 | 1743 | 1746 | rBV | 14814 | 20415 | 1.75% | 0.161% |
| 24 | 12.475 | 1746 | 1748 | 1755 | rVB5 | 11070 | 17939 | 1.54% | 0.141% |
| 25 | 12.533 | 1755 | 1758 | 1763 | rVB3 | 9503 | 13982 | 1.20% | 0.110% |
| 26 | 12.610 | 1766 | 1771 | 1781 | rBV | 165169 | 282890 | 24.28% | 2.225% |
| 27 | 12.704 | 1783 | 1787 | 1793 | rVB2 | 40490 | 56518 | 4.85% | 0.445% |
| 28 | 12.839 | 1803 | 1810 | 1816 | rBV | 137170 | 210740 | 18.08% | 1.657% |
| 29 | 12.892 | 1816 | 1819 | 1824 | rVB2 | 12186 | 18638 | 1.60% | 0.147% |
| 30 | 12.980 | 1824 | 1834 | 1842 | rBV | 714115 | 963694 | 82.70% | 7.580% |
| 31 | 13.057 | 1842 | 1847 | 1853 | rBV4 | 21441 | 40863 | 3.51% | 0.321% |
| 32 | 13.163 | 1859 | 1865 | 1869 | rVB | 28292 | 54633 | 4.69% | 0.430% |
| 33 | 13.233 | 1874 | 1877 | 1879 | rVV | 18112 | 21884 | 1.88% | 0.172% |
| 34 | 13.269 | 1879 | 1883 | 1891 | rVB2 | 31219 | 53037 | 4.55% | 0.417% |
| 35 | 13.363 | 1896 | 1899 | 1902 | rVV2 | 13397 | 16634 | 1.43% | 0.131% |
| 36 | 13.398 | 1902 | 1905 | 1908 | rVB2 | 11157 | 13505 | 1.16% | 0.106% |

Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.545 | 1927 | 1930 | 1933 | rBV3 | 11681 | 16802 | 1.44% | 0.132% |
| 38 | 13.680 | 1950 | 1953 | 1958 | rVB | 21795 | 27647 | 2.37% | 0.217% |
| 39 | 13.880 | 1982 | 1987 | 1994 | rVB4 | 80705 | 150022 | 12.87% | 1.180% |
| 40 | 14.039 | 2006 | 2014 | 2018 | rBV2 | 365439 | 642259 | 55.12% | 5.051% |
| 41 | 14.192 | 2037 | 2040 | 2046 | rVB4 | 30852 | 45078 | 3.87% | 0.355% |
| 42 | 14.392 | 2072 | 2074 | 2076 | rBV2 | 10454 | 12967 | 1.11% | 0.102% |
| 43 | 14.427 | 2076 | 2080 | 2084 | rVV | 37739 | 52272 | 4.49% | 0.411% |
| 44 | 14.510 | 2089 | 2094 | 2099 | rBV3 | 60305 | 132191 | 11.34% | 1.040% |
| 45 | 14.721 | 2127 | 2130 | 2131 | rBV3 | 12508 | 13421 | 1.15% | 0.106% |
| 46 | 14.810 | 2142 | 2145 | 2151 | rVB4 | 18190 | 23041 | 1.98% | 0.181% |
| 47 | 15.092 | 2187 | 2193 | 2199 | rBV | 137039 | 315413 | 27.07% | 2.481% |
| 48 | 15.145 | 2199 | 2202 | 2205 | rVV | 77400 | 116238 | 9.98% | 0.914% |
| 49 | 15.192 | 2206 | 2210 | 2223 | rVB2 | 65588 | 169794 | 14.57% | 1.335% |
| 50 | 15.398 | 2240 | 2245 | 2250 | rVB | 72894 | 114559 | 9.83% | 0.901% |
| 51 | 15.457 | 2251 | 2255 | 2261 | rVB | 109231 | 168769 | 14.48% | 1.327% |
| 52 | 15.521 | 2261 | 2266 | 2278 | rVB | 264475 | 476314 | 40.88% | 3.746% |
| 53 | 15.739 | 2299 | 2303 | 2307 | rVB3 | 24579 | 39328 | 3.37% | 0.309% |
| 54 | 15.968 | 2336 | 2342 | 2348 | rBV | 149882 | 278230 | 23.88% | 2.188% |
| 55 | 16.486 | 2424 | 2430 | 2441 | rVB2 | 37829 | 95506 | 8.20% | 0.751% |
| 56 | 17.021 | 2515 | 2521 | 2526 | rBV2 | 42331 | 92278 | 7.92% | 0.726% |
| 57 | 17.086 | 2528 | 2532 | 2539 | rVB2 | 39132 | 80415 | 6.90% | 0.632% |
| 58 | 17.174 | 2542 | 2547 | 2557 | rVV6 | 29133 | 94538 | 8.11% | 0.744% |
| 59 | 17.468 | 2593 | 2597 | 2606 | rVB | 27213 | 57501 | 4.93% | 0.452% |
| 60 | 18.580 | 2776 | 2786 | 2795 | rBV2 | 295165 | 873987 | 75.00% | 6.874% |

Sum of corrected areas: 12714403

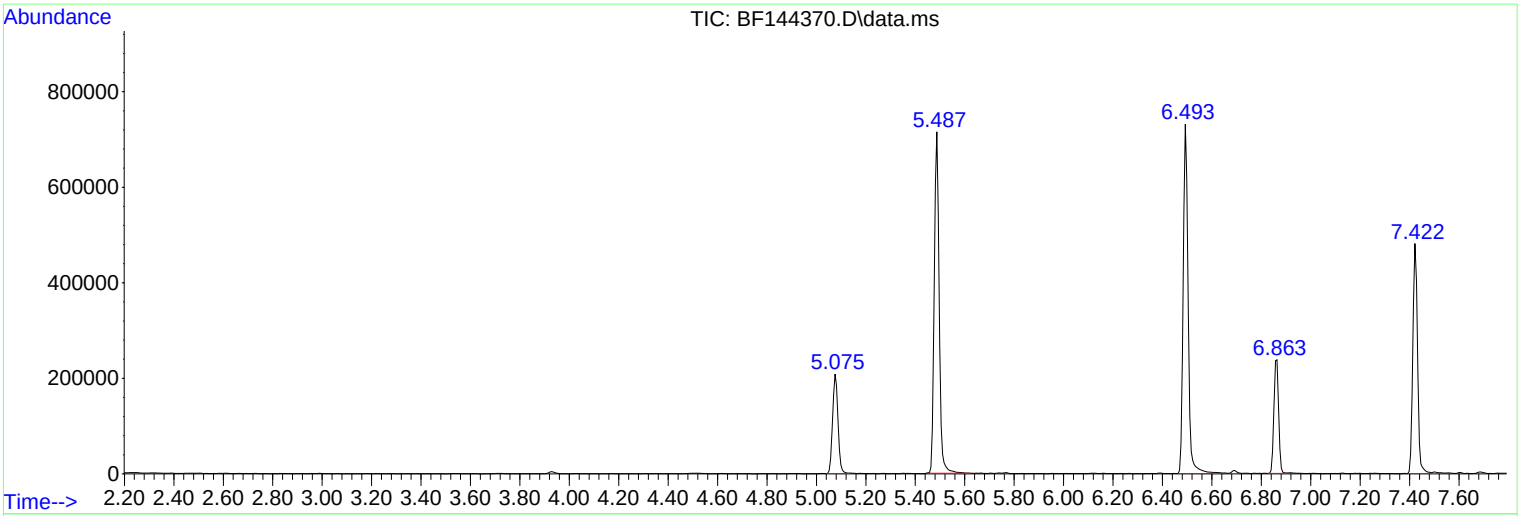
Sample Results: **BF144370.D**

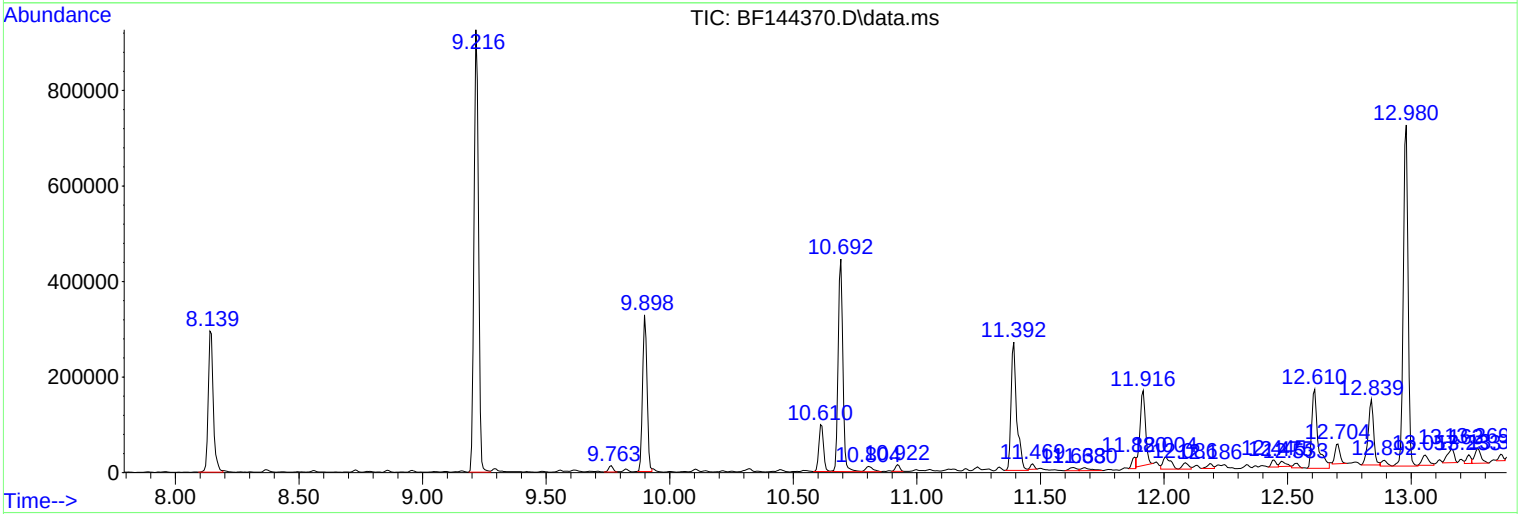
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

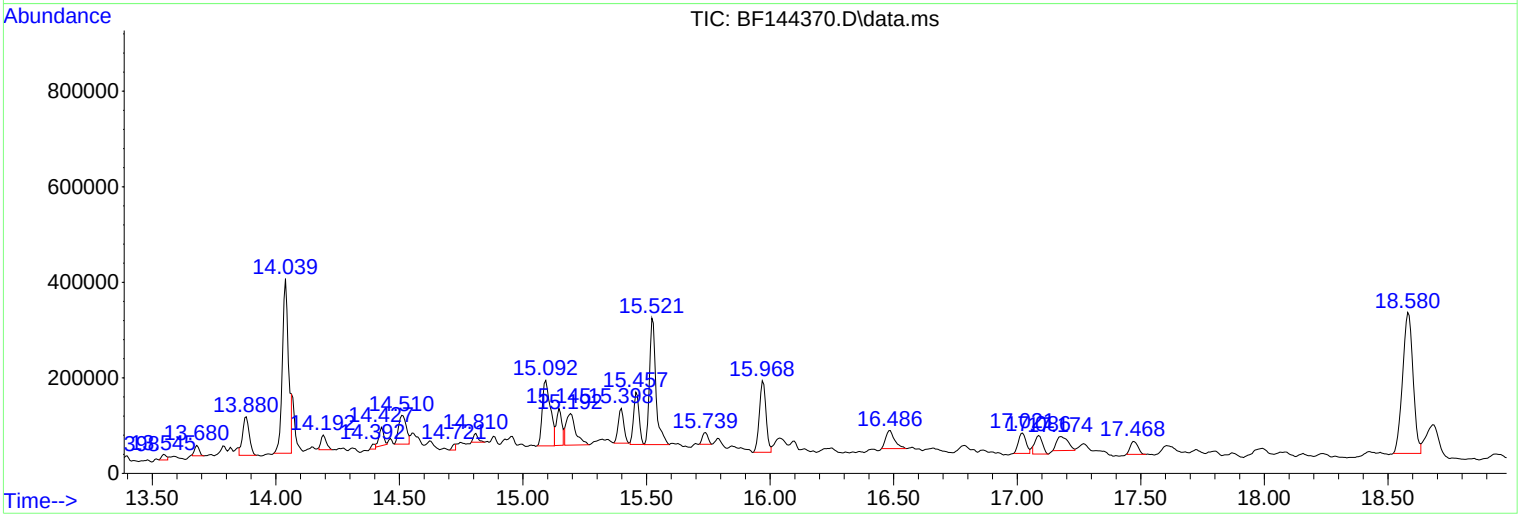
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

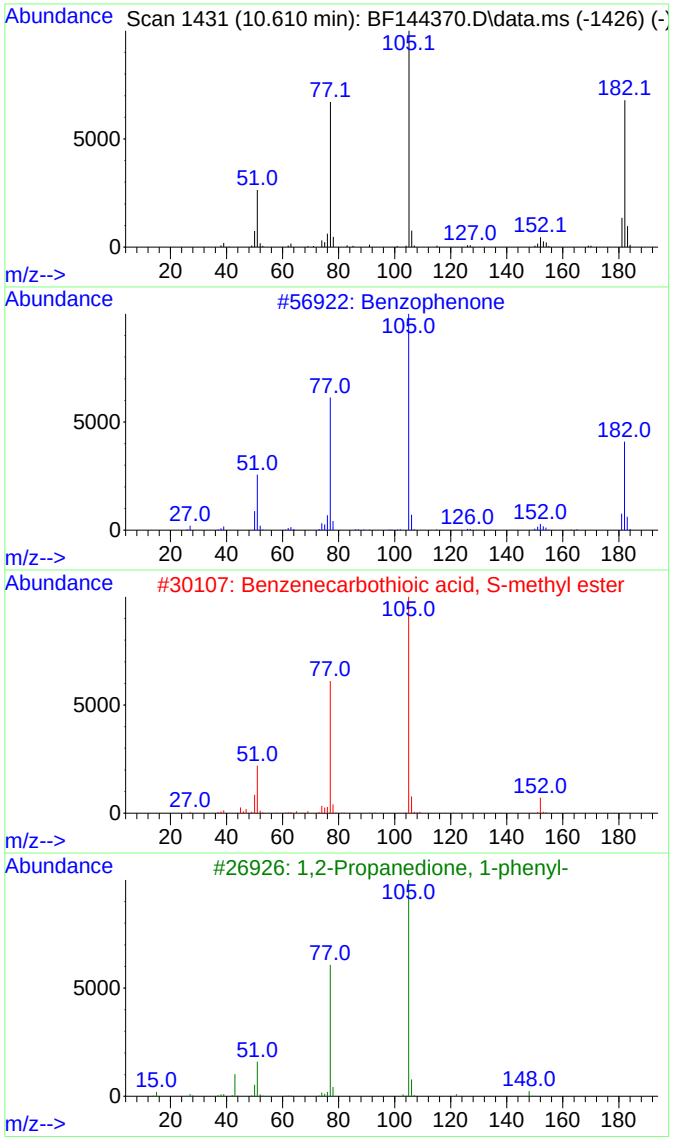
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

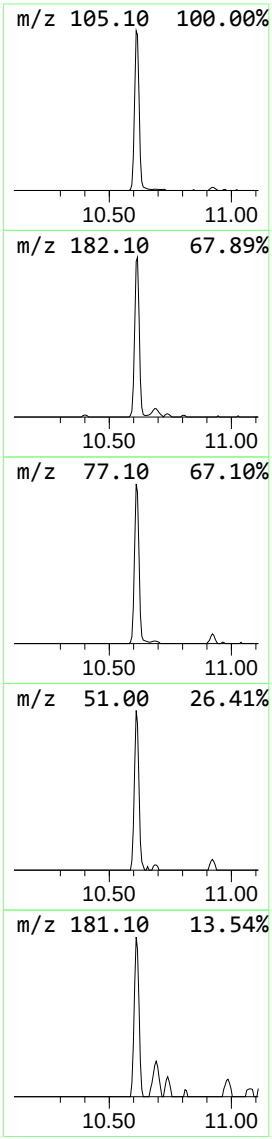
**********

Peak Number 2 Benzophenone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.610 | 6.39 ng | 130235 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 46 |
| 3 | 1,2-Propanedione, 1-phenyl- | 148 | C9H8O2 | 000579-07-7 | 43 |
| 4 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 43 |
| 5 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 43 |



Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

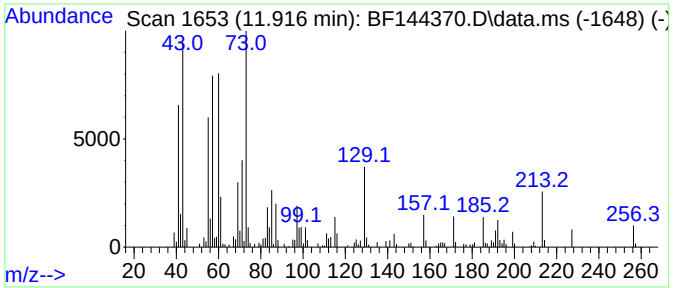
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

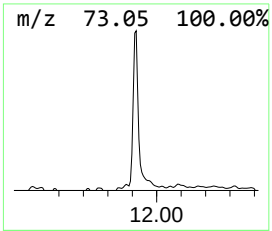
**********

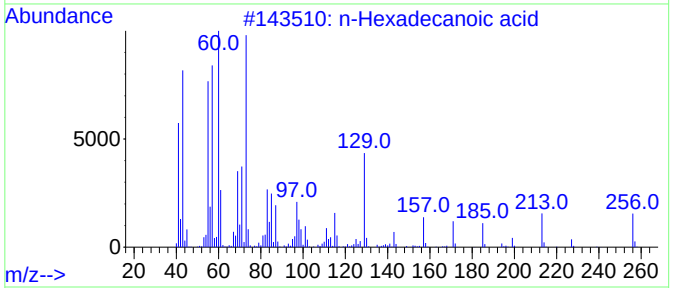
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

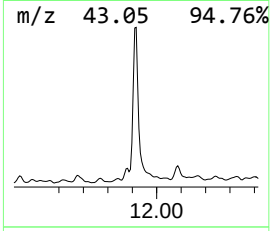
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 11.14 ng | 238361 | Phenanthrene-d10 | 11.392 |

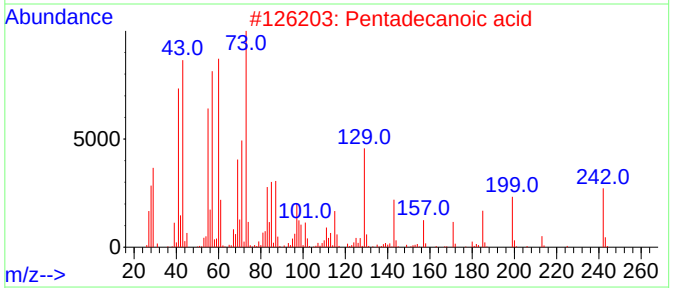
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 46 |
| 5 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 18 |

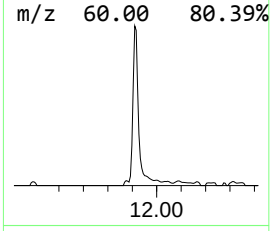


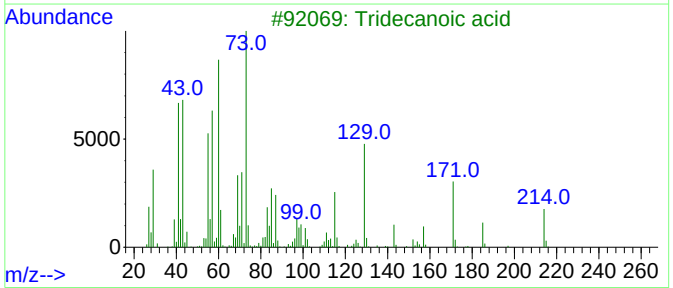



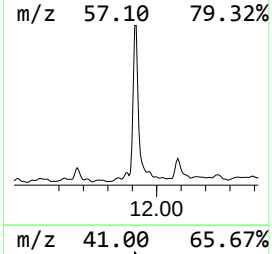



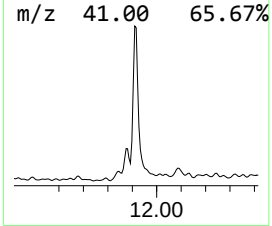



Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

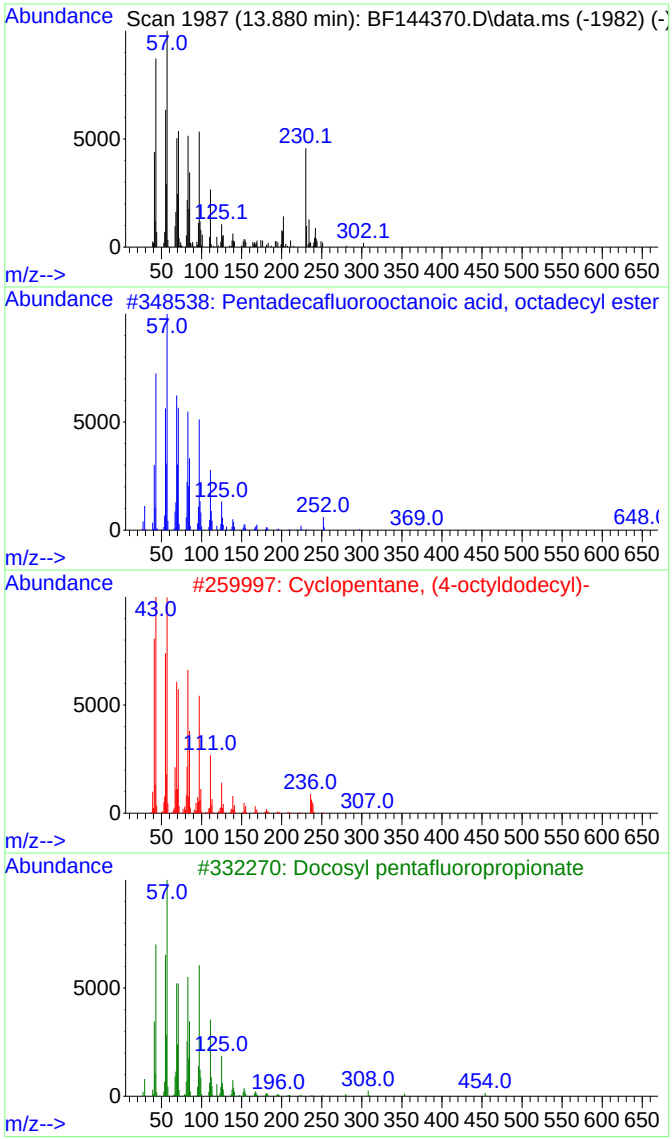
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

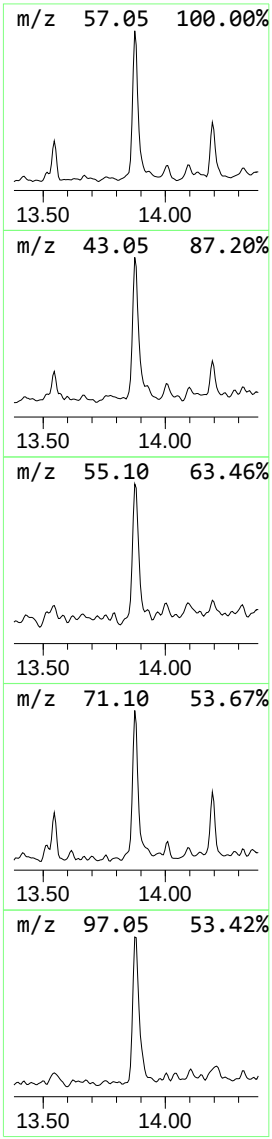
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 4.67 ng | 150022 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 86 |
| 2 | Cyclopentane, (4-octyldodecyl)- | 350 | C25H50 | 005638-09-5 | 70 |
| 3 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 70 |
| 4 | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 70 |
| 5 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 70 |



Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

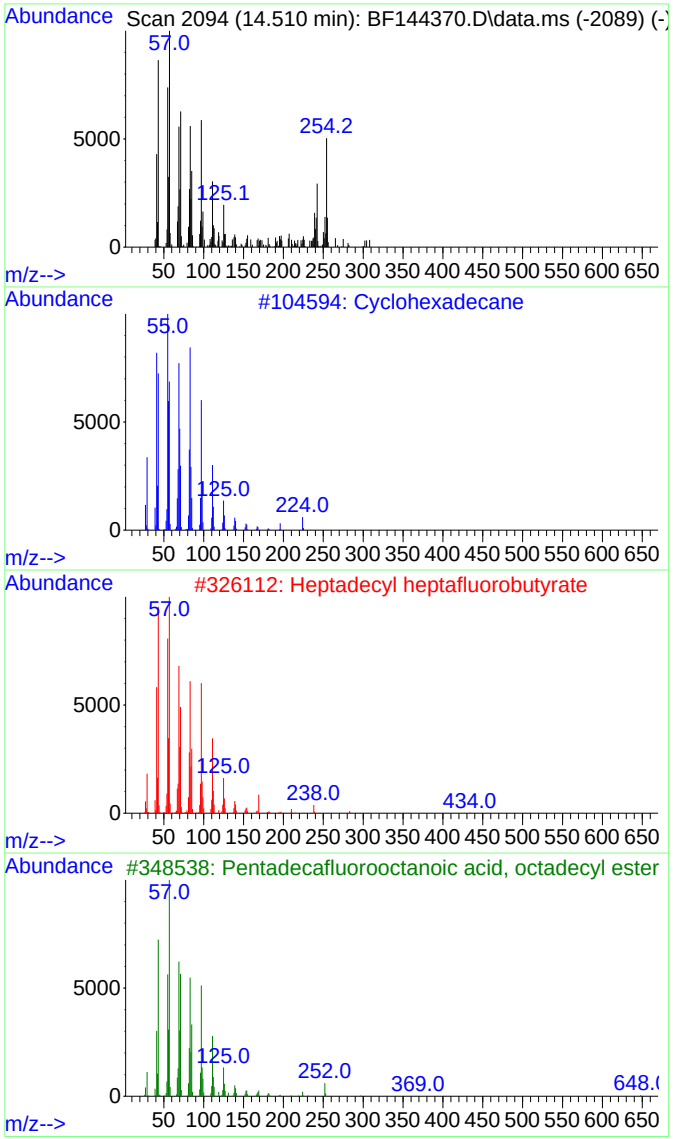
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

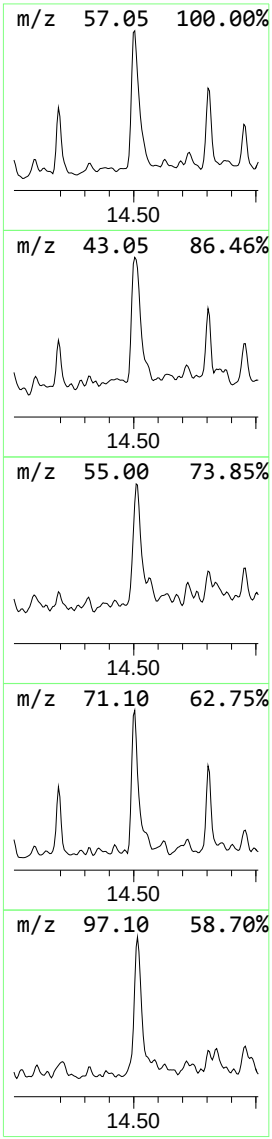
**********

Peak Number 7 Cyclohexadecane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.510 | 4.12 ng | 132191 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 95 |
| 2 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 89 |
| 3 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 86 |
| 4 | E-7-Octadecene | 252 | C18H36 | 1000130-92-0 | 78 |
| 5 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 76 |



Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

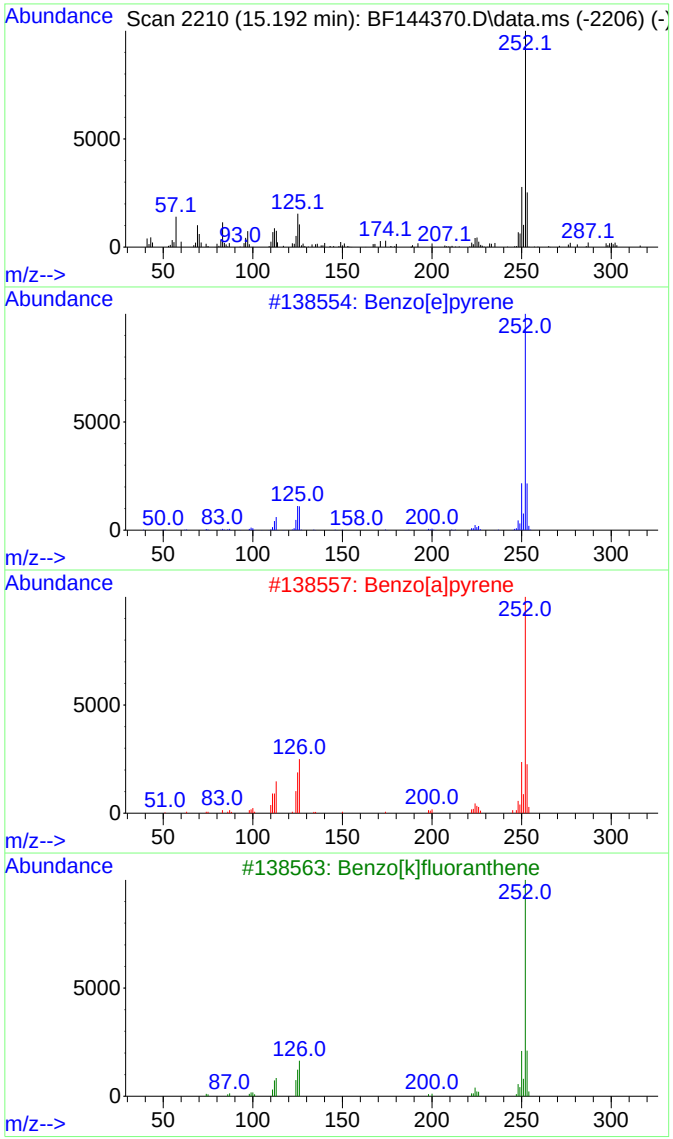
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

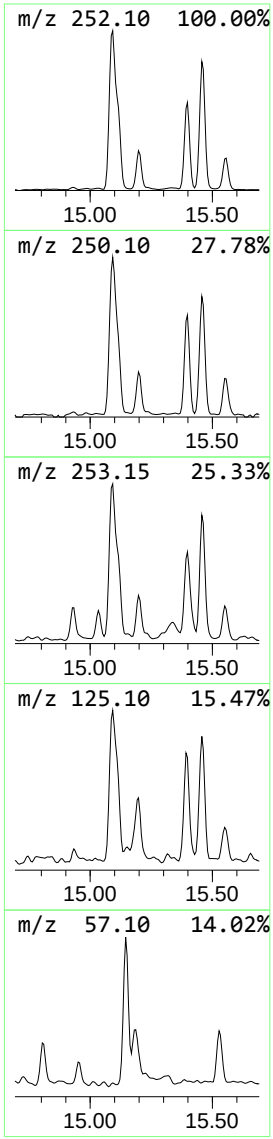
**********

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.192 | 7.13 ng | 169794 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 91 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 89 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 89 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

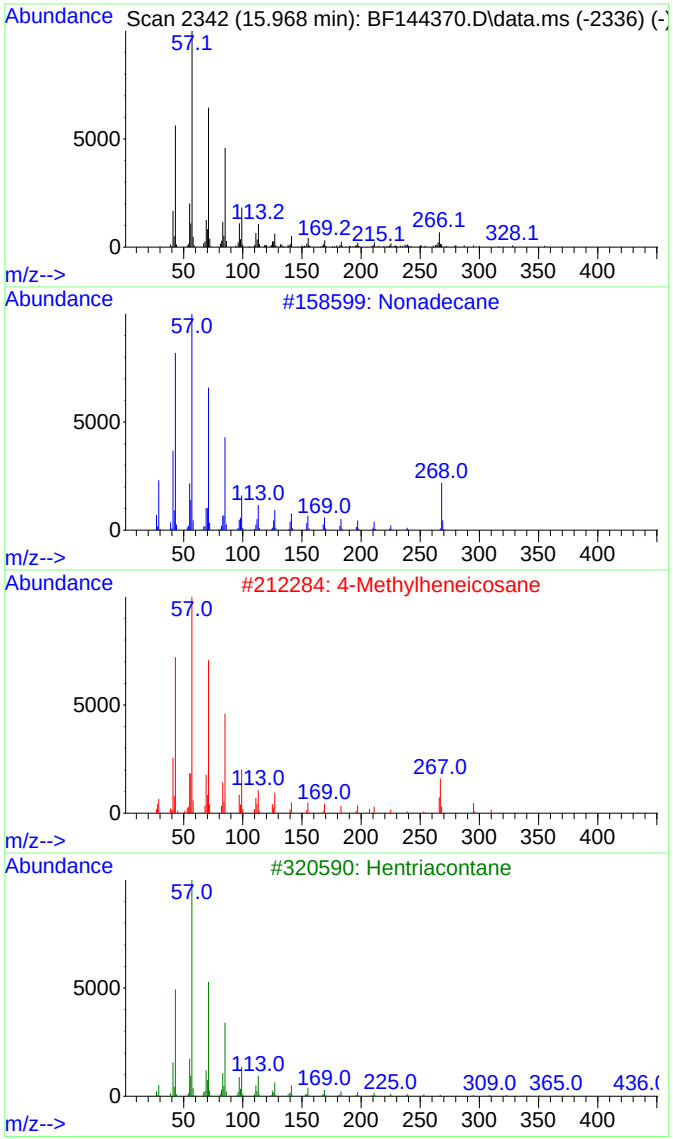
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

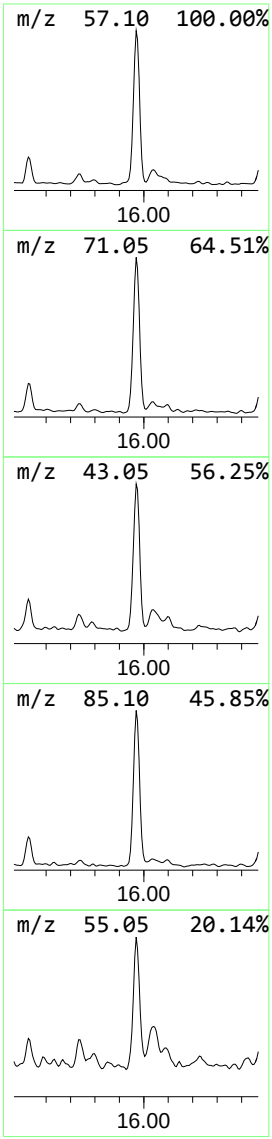
**********

Peak Number 10 Nonadecane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.968 | 11.68 ng | 278230 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | 4-Methylheneicosane | 310 | C22H46 | 025117-29-7 | 91 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 90 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

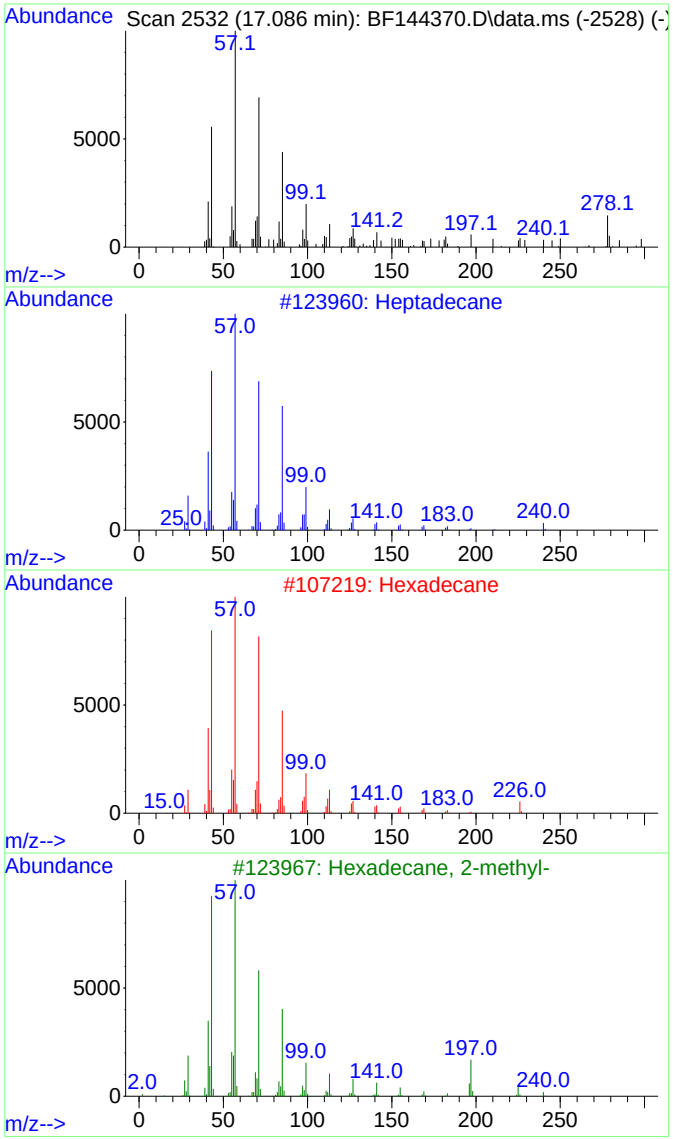
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

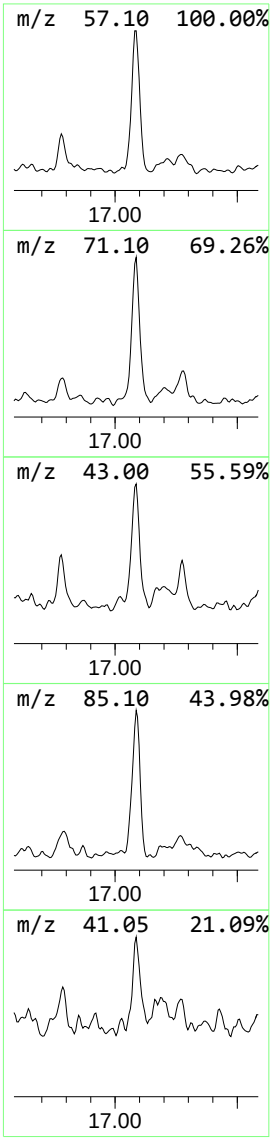
**********

Peak Number 12 Heptadecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.086 | 3.38 ng | 80415 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 76 |
| 3 | Hexadecane, 2-methyl- | 240 | C17H36 | 001560-92-5 | 74 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 64 |
| 5 | Nonadecane, 2-methyl- | 282 | C20H42 | 001560-86-7 | 64 |



Sample Results: **BF144370.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144370.D
Acq On : 26 Nov 2025 19:43
Operator : RC/JU
Sample : Q3719-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.610 | 6.4 | ng | 130235 | 3 | 9.898 | 407401 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 11.1 | ng | 238361 | 4 | 11.392 | 427764 | 20.0 |
| Pentadecafluoro... | 13.880 | 4.7 | ng | 150022 | 5 | 14.039 | 642259 | 20.0 |
| Cyclohexadecane | 14.510 | 4.1 | ng | 132191 | 5 | 14.039 | 642259 | 20.0 |
| Benzo[e]pyrene | 15.192 | 7.1 | ng | 169794 | 6 | 15.521 | 476314 | 20.0 |
| Nonadecane | 15.968 | 11.7 | ng | 278230 | 6 | 15.521 | 476314 | 20.0 |
| Heptadecane | 17.086 | 3.4 | ng | 80415 | 6 | 15.521 | 476314 | 20.0 |

Raw Data: **BF144371.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-09 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 87.3 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 180 | U | 1 | 180 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 108-95-2 | Phenol | 25.3 | U | 1 | 25.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 27.8 | U | 1 | 27.8 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 27.9 | U | 1 | 27.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 95-48-7 | 2-Methylphenol | 34.2 | U | 1 | 34.2 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 42.9 | U | 1 | 42.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 98-86-2 | Acetophenone | 33.7 | U | 1 | 33.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 47.0 | U | 1 | 47.0 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 54.2 | U | 1 | 54.2 | 91.5 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 67-72-1 | Hexachloroethane | 20.1 | U | 1 | 20.1 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 98-95-3 | Nitrobenzene | 20.9 | U | 1 | 20.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 78-59-1 | Isophorone | 37.5 | U | 1 | 37.5 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 66.6 | U | 1 | 66.6 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 74.1 | U | 1 | 74.1 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 35.2 | U | 1 | 35.2 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 32.4 | U | 1 | 32.4 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 91-20-3 | Naphthalene | 26.0 | U | 1 | 26.0 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 40.5 | U | 1 | 40.5 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 28.9 | U | 1 | 28.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 105-60-2 | Caprolactam | 59.6 | U | 1 | 59.6 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 32.8 | U | 1 | 32.8 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 29.3 | U | 1 | 29.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.7 | U | 1 | 22.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 33.3 | U | 1 | 33.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 24.9 | U | 1 | 24.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 25.7 | U | 1 | 25.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 55.0 | U | 1 | 55.0 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 131-11-3 | Dimethylphthalate | 31.0 | U | 1 | 31.0 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 208-96-8 | Acenaphthylene | 33.1 | U | 1 | 33.1 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 38.4 | U | 1 | 38.4 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 52.6 | U | 1 | 52.6 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 83-32-9 | Acenaphthene | 24.4 | U | 1 | 24.4 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 132-64-9 | Dibenzofuran | 26.0 | U | 1 | 26.0 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 57.3 | U | 1 | 57.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 84-66-2 | Diethylphthalate | 32.4 | U | 1 | 32.4 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30.5 | U | 1 | 30.5 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 86-73-7 | Fluorene | 28.9 | U | 1 | 28.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 73.4 | U | 1 | 73.4 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |

Raw Data: **BF144371.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-09 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 87.3 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 37.6 | U | 1 | 37.6 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 31.8 | U | 1 | 31.8 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 28.9 | U | 1 | 28.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 1912-24-9 | Atrazine | 38.9 | U | 1 | 38.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 87-86-5 | Pentachlorophenol | 58.7 | U | 1 | 58.7 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 85-01-8 | Phenanthrene | 180 | J | 1 | 23.9 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 120-12-7 | Anthracene | 38.1 | U | 1 | 38.1 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 86-74-8 | Carbazole | 35.7 | U | 1 | 35.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 54.8 | U | 1 | 54.8 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 206-44-0 | Fluoranthene | 270 | | 1 | 34.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 129-00-0 | Pyrene | 170 | J | 1 | 41.2 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 81.7 | U | 1 | 81.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 42.0 | U | 1 | 42.0 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 140 | J | 1 | 26.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 218-01-9 | Chrysene | 140 | J | 1 | 22.8 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 82.9 | J | 1 | 67.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 99.3 | U | 1 | 99.3 | 380 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 190 | | 1 | 21.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 76.9 | J | 1 | 25.6 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 130 | J | 1 | 33.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 33.3 | U | 1 | 33.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 31.3 | U | 1 | 31.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 29.4 | U | 1 | 29.4 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 29.3 | U | 1 | 29.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 51.7 | U | 1 | 51.7 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 31.3 | U | 1 | 31.3 | 190 | ug/Kg | 11/26/25 20:13 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 73.0 | | | 10 - 105 | 49% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 73.2 | | | 10 - 103 | 49% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 49.7 | | | 10 - 108 | 50% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 48.6 | | | 10 - 108 | 49% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 57.9 | | | 10 - 116 | 39% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 33.0 | | | 10 - 109 | 33% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 55800 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 208000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 106000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 155000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 142000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 168000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 220 | J | | | 10.6 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 360 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144371.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-09 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 87.3 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 1000351-74-9 | Octacosyl trifluoroacetate | 160 | J | | | 13.9 | ug/Kg | | |
| 000593-45-3 | Octadecane | 85.4 | J | | | 14.5 | ug/Kg | | |
| 000192-97-2 | Benzo[e]pyrene | 85.8 | J | | | 15.4 | ug/Kg | | |
| 025117-29-7 | 4-Methylheneicosane | 100 | J | | | 16.0 | 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

Sample Results: **BF144371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 27 00:52:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 55771 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 208342 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 106207 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 155107 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 141509 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 167558 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 260191 | 73.007 | ng | | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 295569 | 73.193 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 179213 | 49.680 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 77179 | 57.909 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 349793 | 48.643 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 294101 | 33.012 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 36002 | 4.662 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 56236 | 7.049 | ng | | 98 |
| 78) Pyrene | 12.839 | 202 | 51777 | 4.538 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.027 | 228 | 36329 | 3.704 | ng | # | 93 |
| 83) Chrysene | 14.062 | 228 | 32683 | 3.610 | ng | # | 93 |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 11769 | 2.174 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.086 | 252 | 48665m | 5.109 | ng | | |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 17973m | 2.016 | ng | | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 30358 | 3.454 | ng | # | 97 |

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

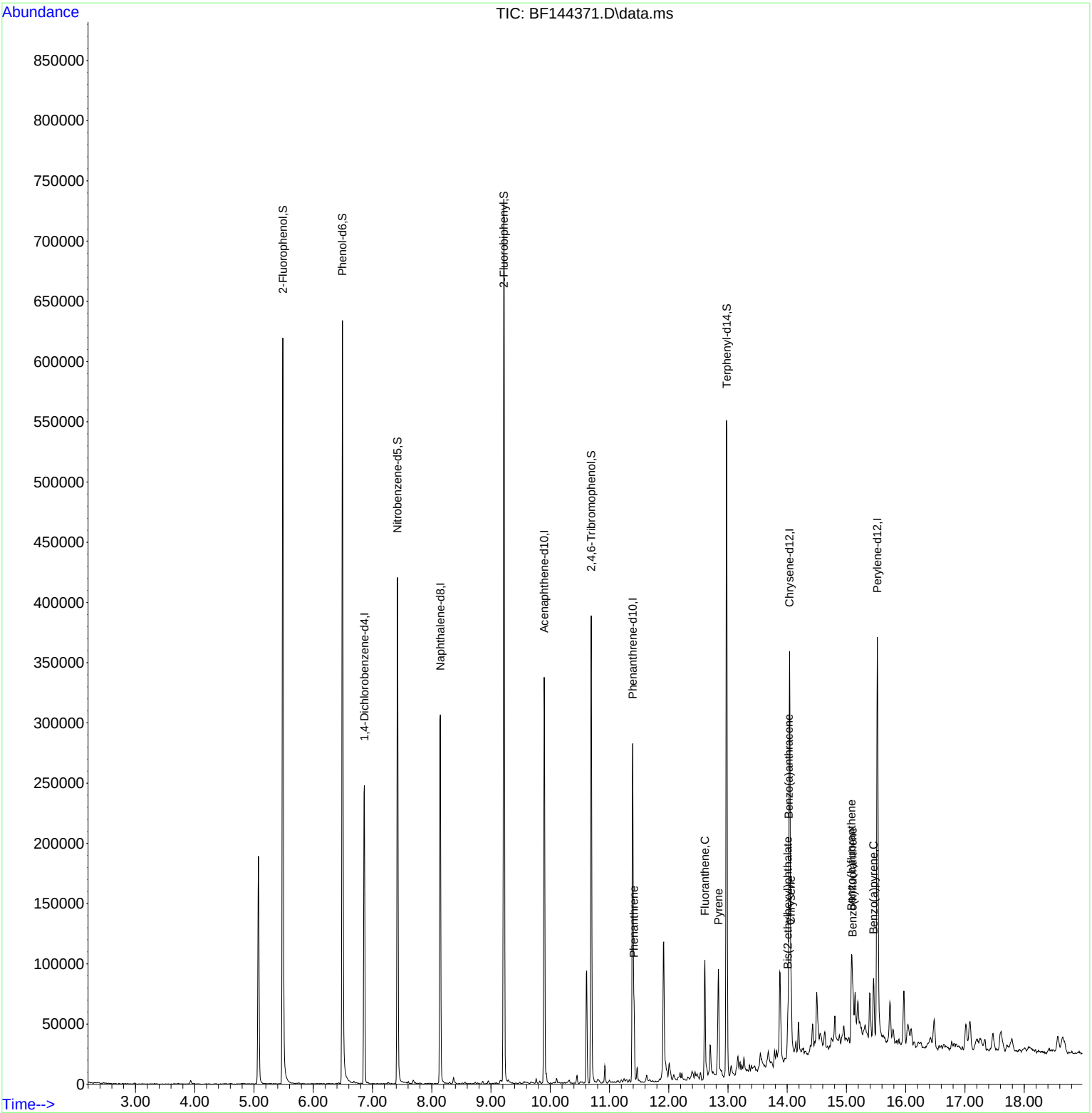
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

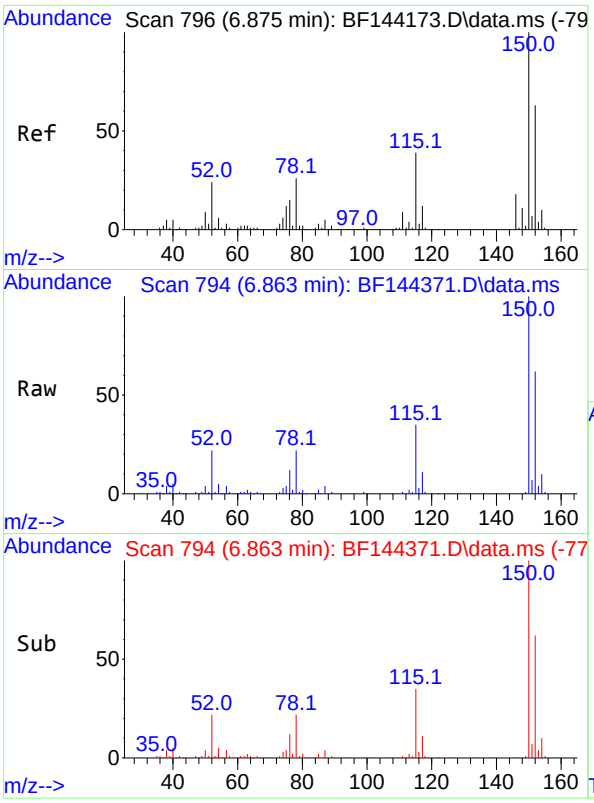
Quant Time: Nov 27 00:52:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

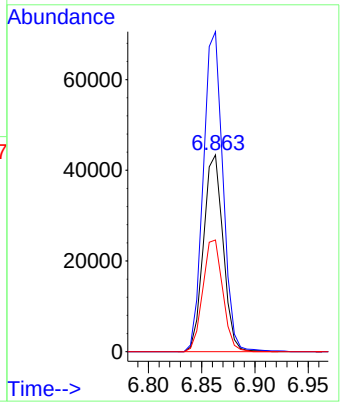





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:152 Resp: 5577

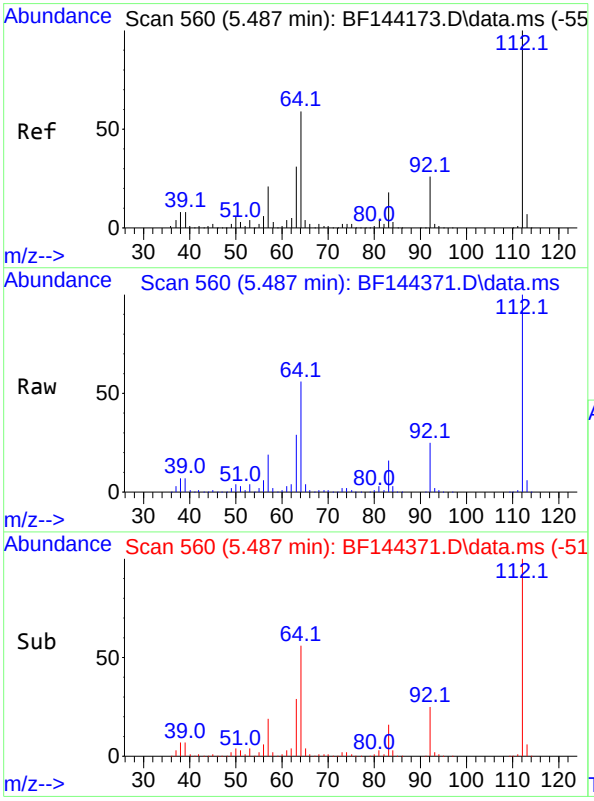
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.6 | 127.4 | 191.0 |
| 115 | 56.7 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

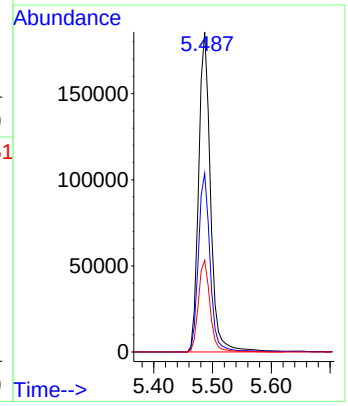
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

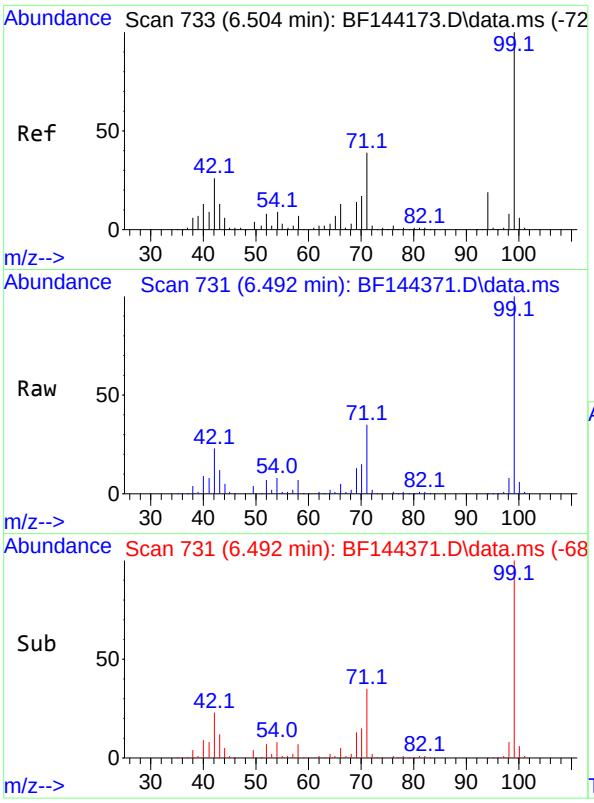



#5
2-Fluorophenol
Concen: 73.007 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:112 Resp: 260191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.8 | 47.2 | 70.8 |
| 63 | 28.7 | 24.4 | 36.6 |

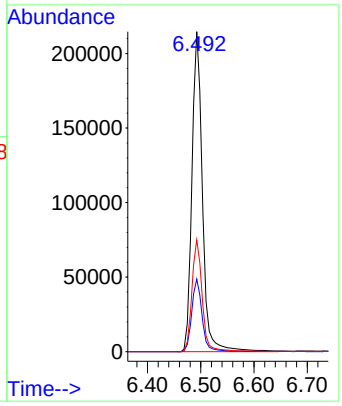





#7
Phenol-d6
Concen: 73.193 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion: 99 Resp: 29556

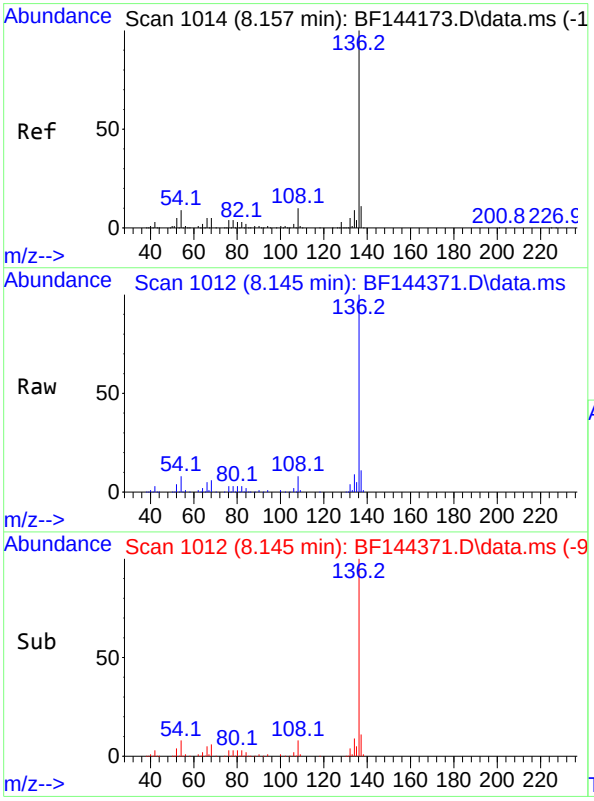
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.7 | 20.9 | 31.3 |
| 71 | 35.0 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

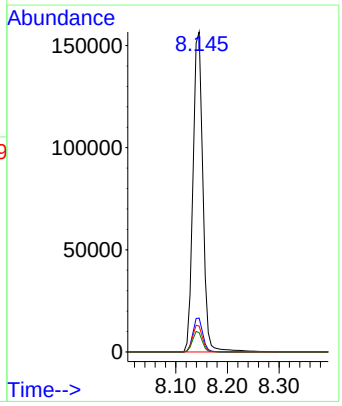
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

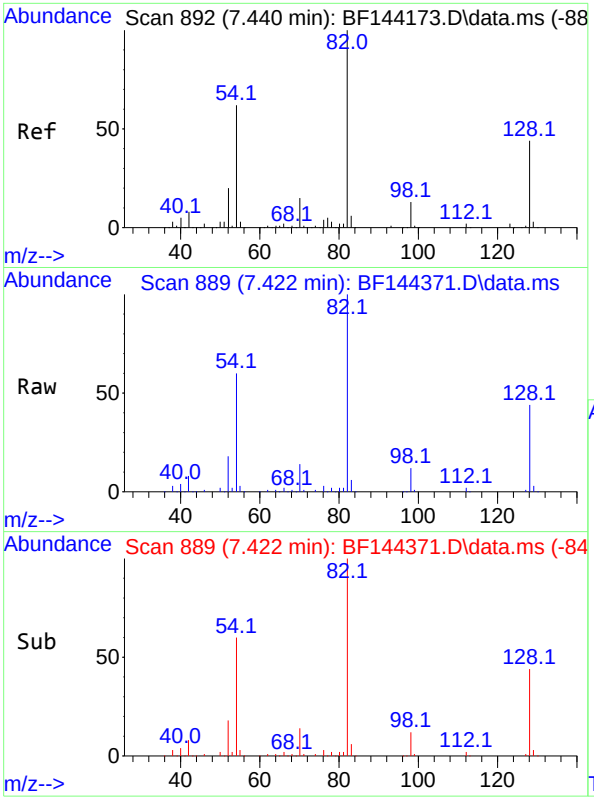



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:136 Resp: 208342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 8.1 | 7.0 | 10.6 |
| 68 | 6.1 | 4.3 | 6.5 |

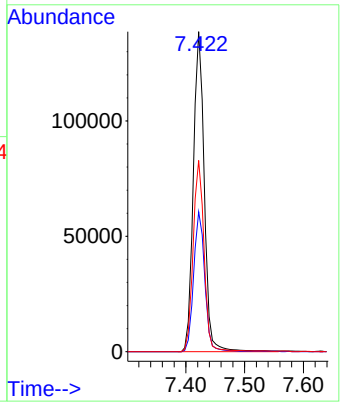





#23
Nitrobenzene-d5
Concen: 49.680 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion: 82 Resp: 17921

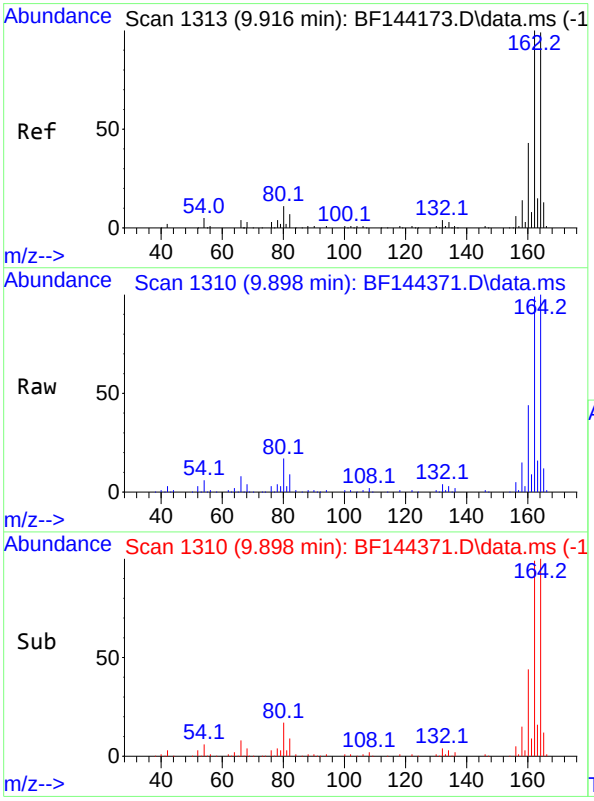
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.7 | 34.7 | 52.1 |
| 54 | 59.7 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

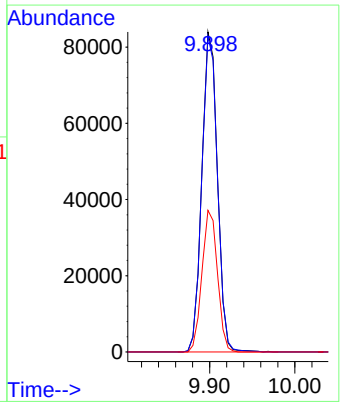
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

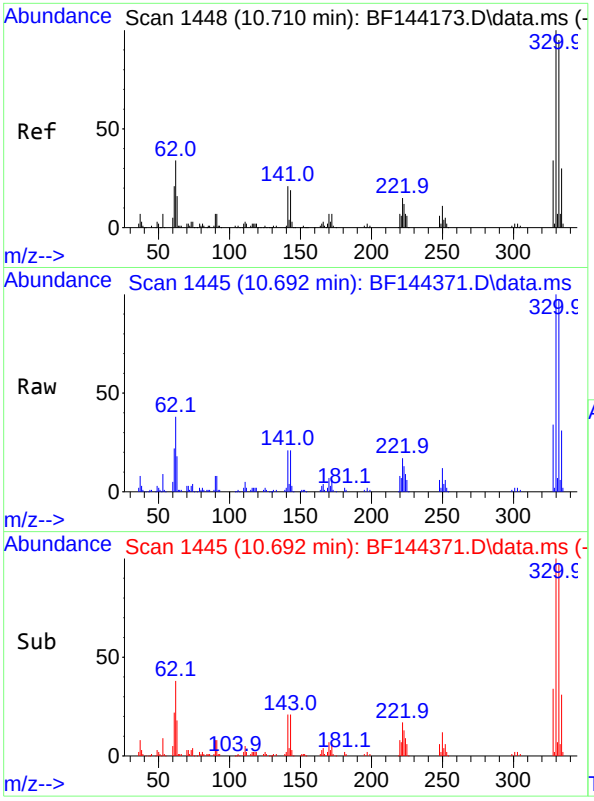



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:164 Resp: 106207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.7 | 81.1 | 121.7 |
| 160 | 44.3 | 34.5 | 51.7 |

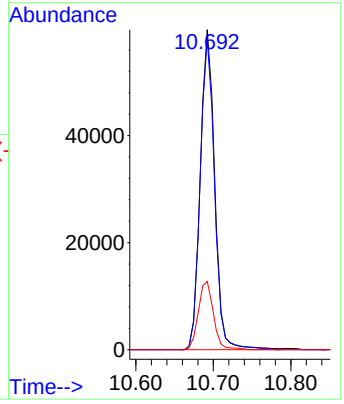





#42
2,4,6-Tribromophenol
Concen: 57.909 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:330 Resp: 7717

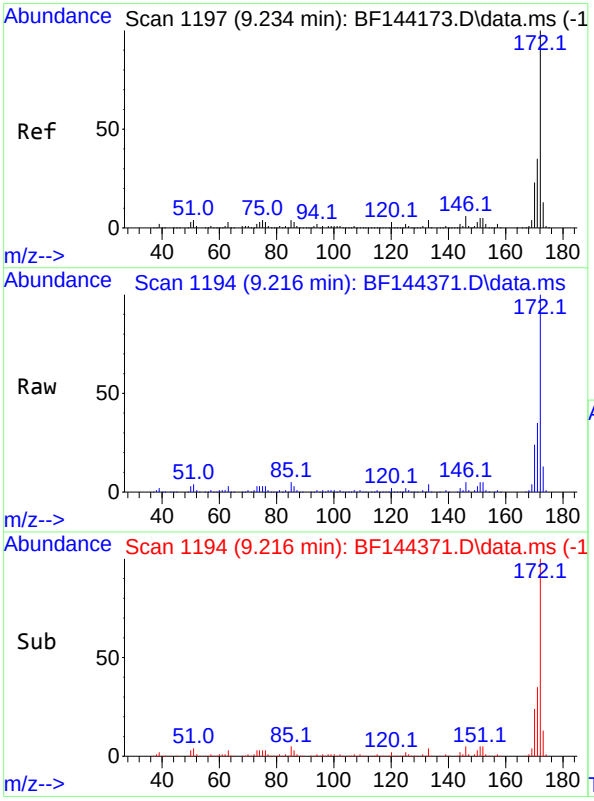
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.7 | 115.1 |
| 141 | 22.3 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

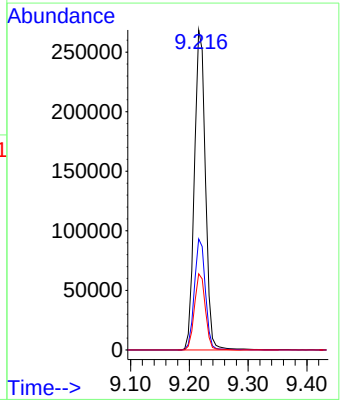
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

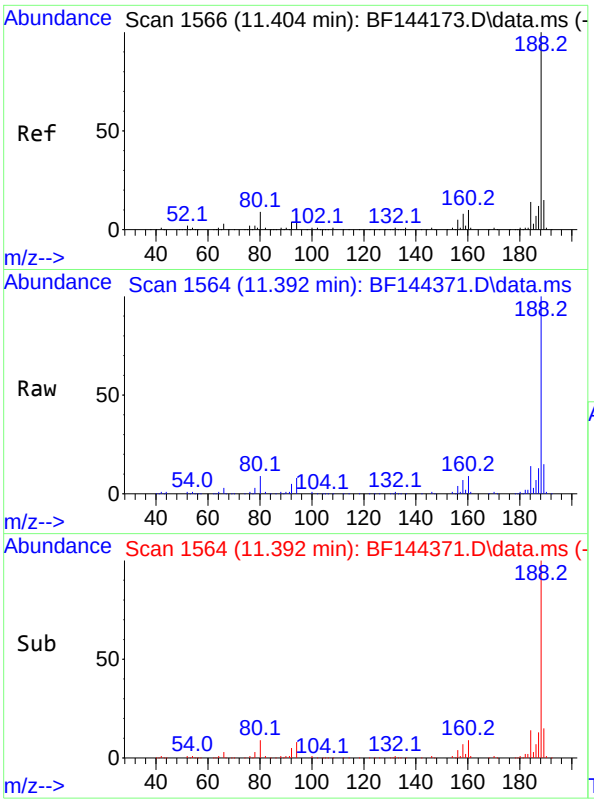



#45
2-Fluorobiphenyl
Concen: 48.643 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:172 Resp: 349793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 28.1 | 42.1 |
| 170 | 23.8 | 18.6 | 28.0 |

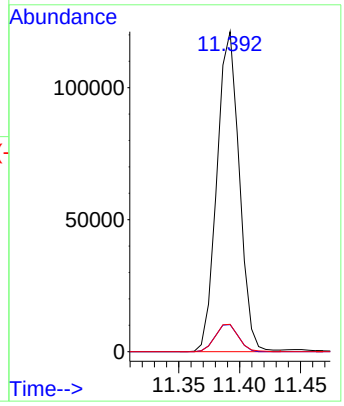





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:188 Resp: 15510

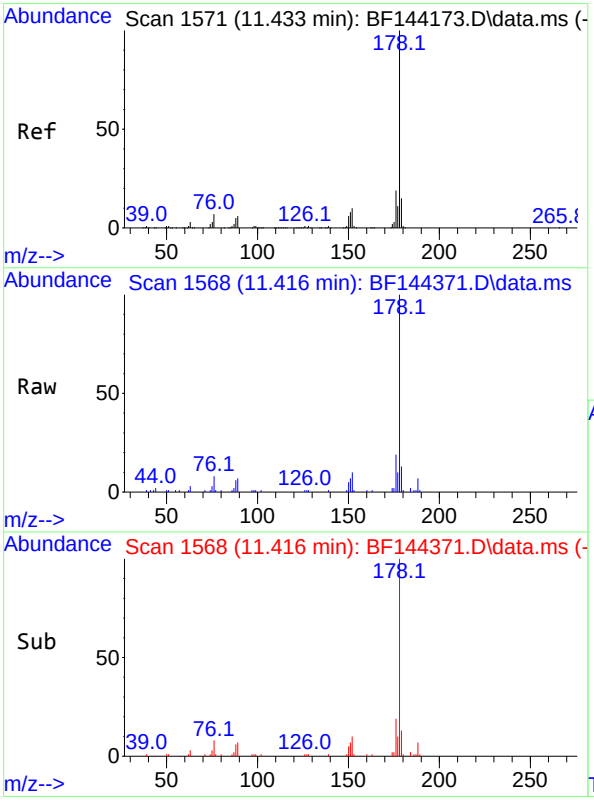
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.2 | 9.2 |
| 80 | 8.5 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

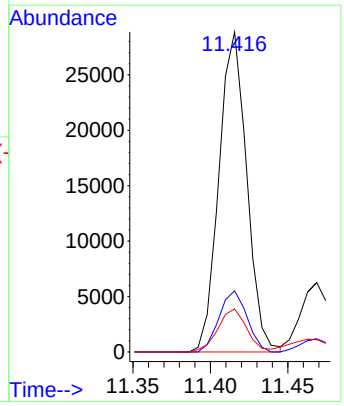
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

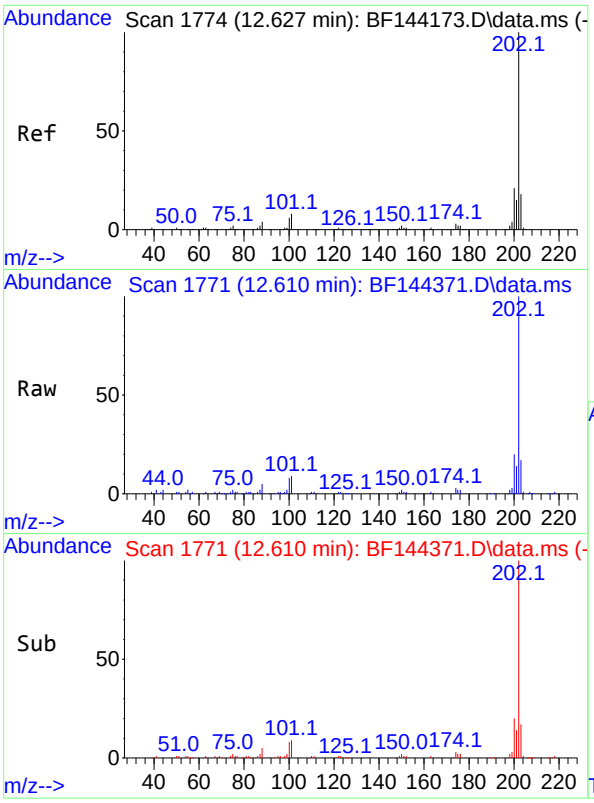



#71
Phenanthrene
Concen: 4.662 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:178 Resp: 36002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.5 | 23.3 |
| 179 | 13.4 | 12.2 | 18.4 |






#75
Fluoranthene
Concen: 7.049 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

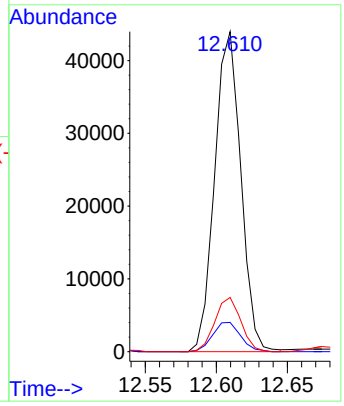
Tgt Ion:202 Resp: 5623

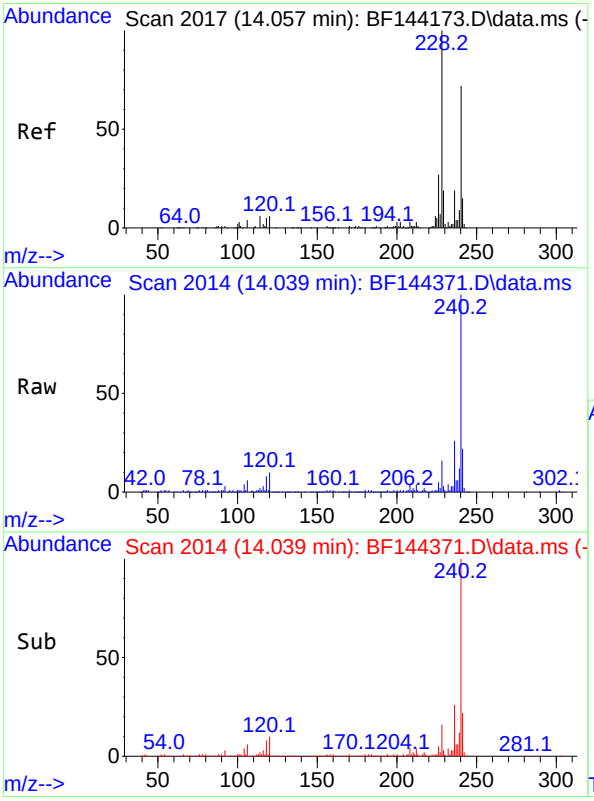
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.1 | 0.0 | 27.9 |
| 203 | 16.9 | 0.0 | 37.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

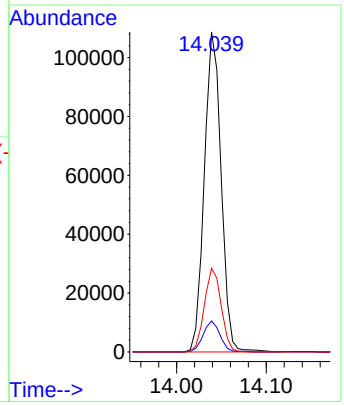


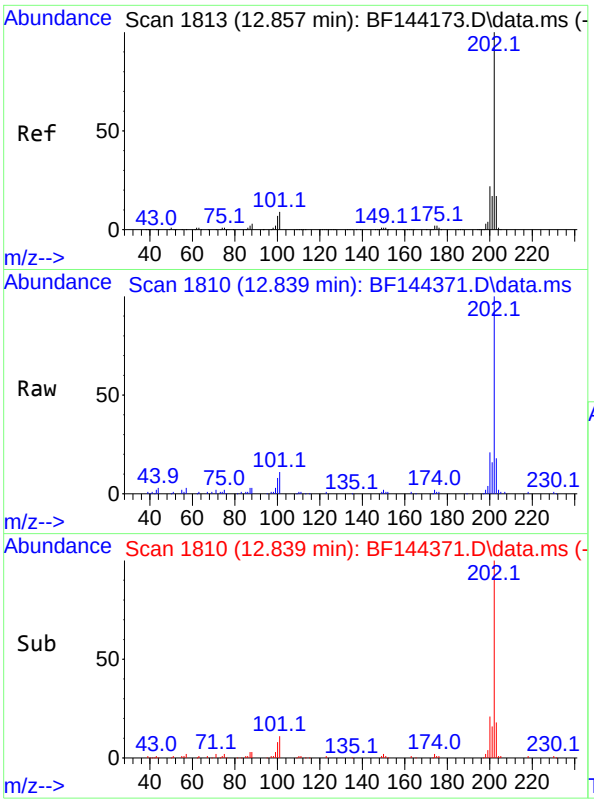




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:240 Resp: 141509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 6.6 | 10.0 |
| 236 | 26.1 | 21.4 | 32.2 |

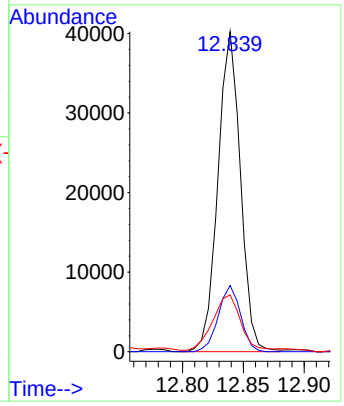





#78
Pyrene
Concen: 4.538 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:202 Resp: 5177

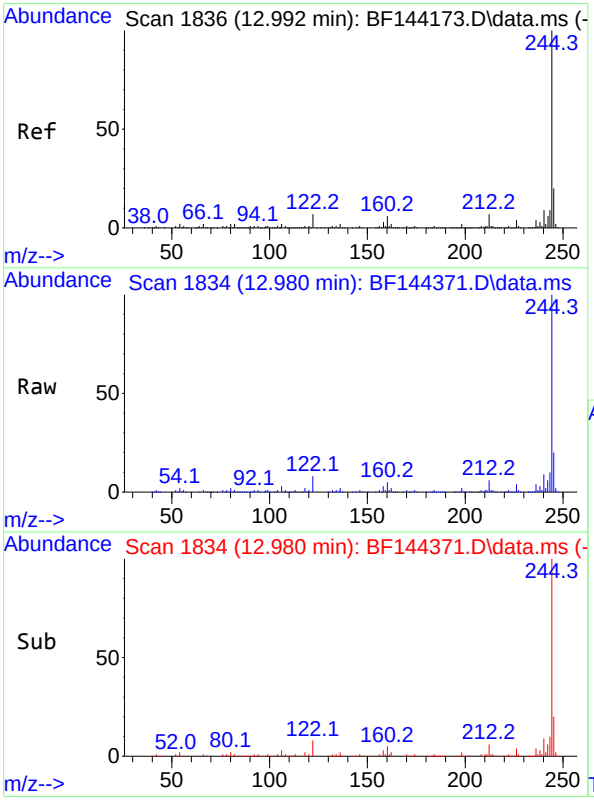
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 17.2 | 25.8 |
| 203 | 17.7 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

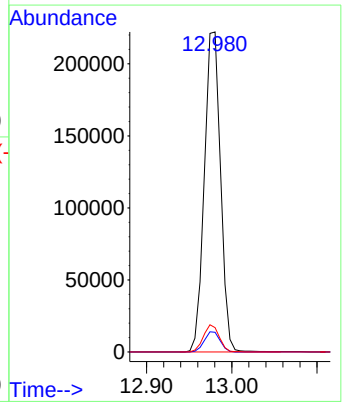
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

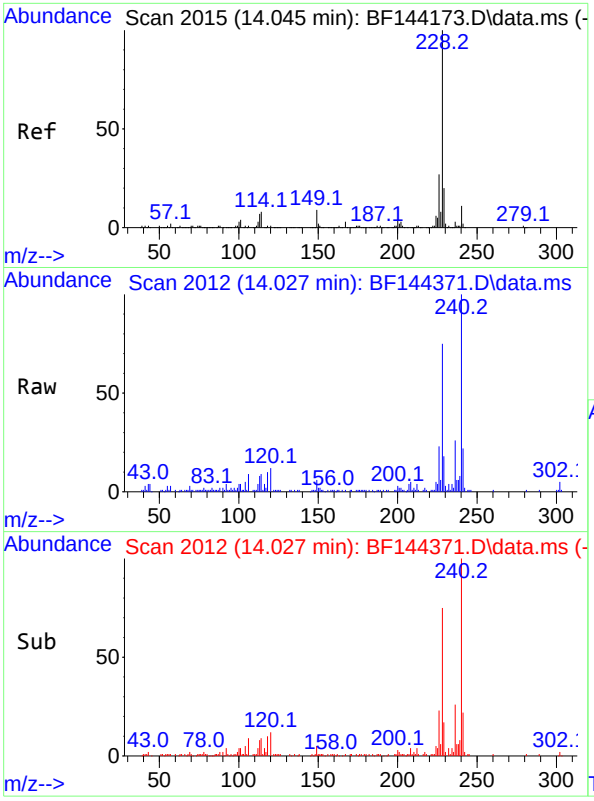



#79
Terphenyl-d14
Concen: 33.012 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:244 Resp: 294101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.3 | 7.9 |
| 122 | 7.6 | 5.6 | 8.4 |

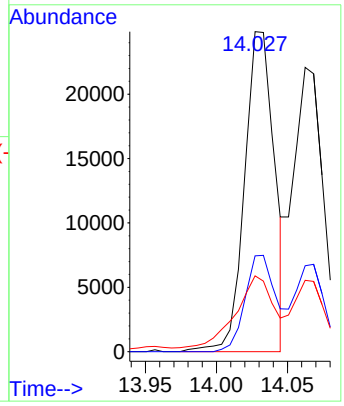





#81
Benzo(a)anthracene
Concen: 3.704 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:228 Resp: 3632

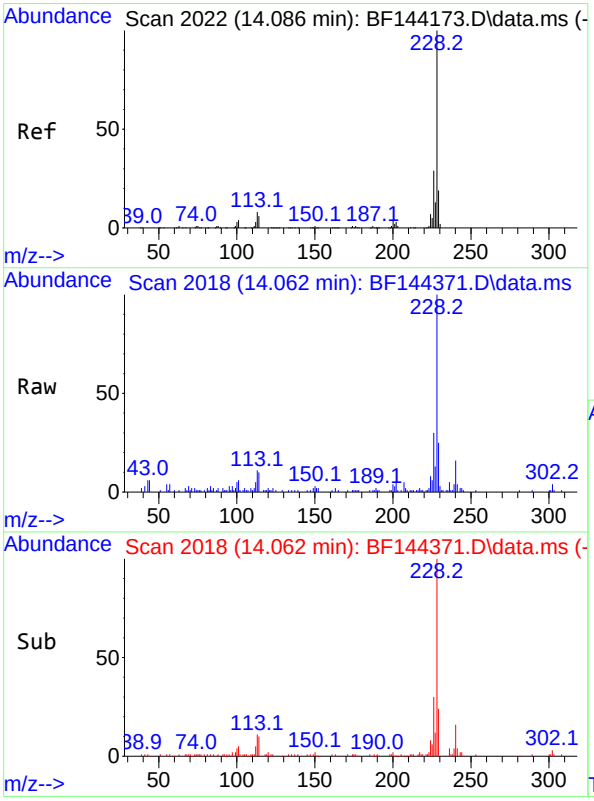
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 21.8 | 32.8 |
| 229 | 23.7 | 15.8 | 23.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

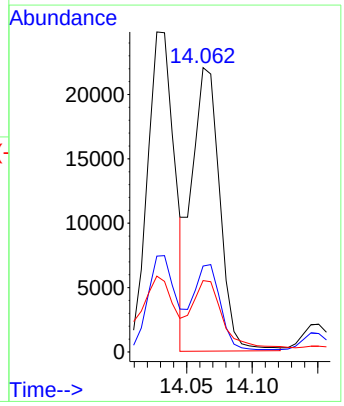
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

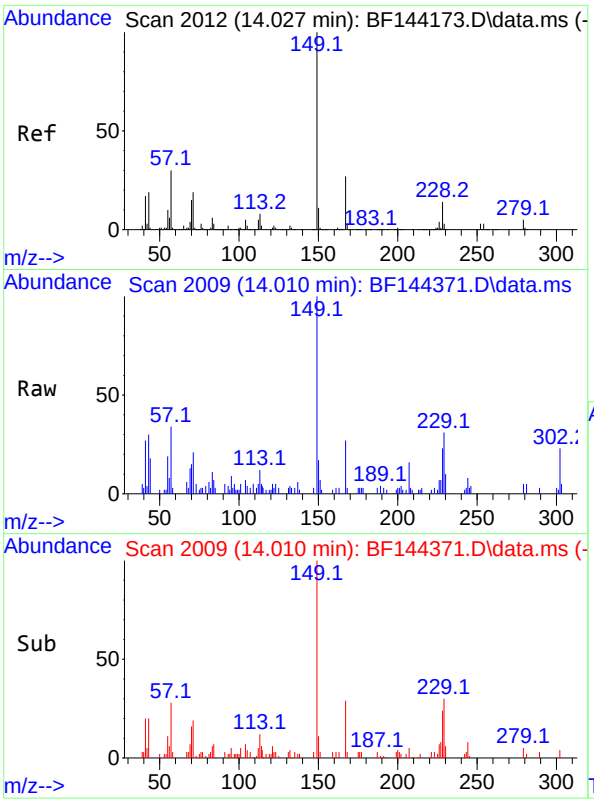



#83
Chrysene
Concen: 3.610 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:228 Resp: 32683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 22.9 | 34.3 |
| 229 | 25.1 | 15.0 | 22.6# |

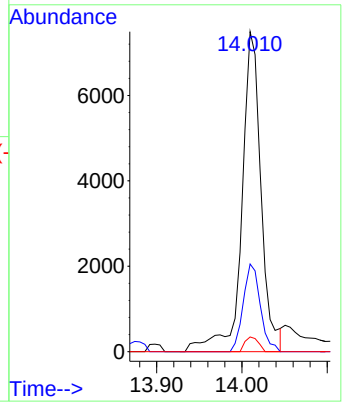





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.174 ng
RT: 14.010 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:149 Resp: 1176

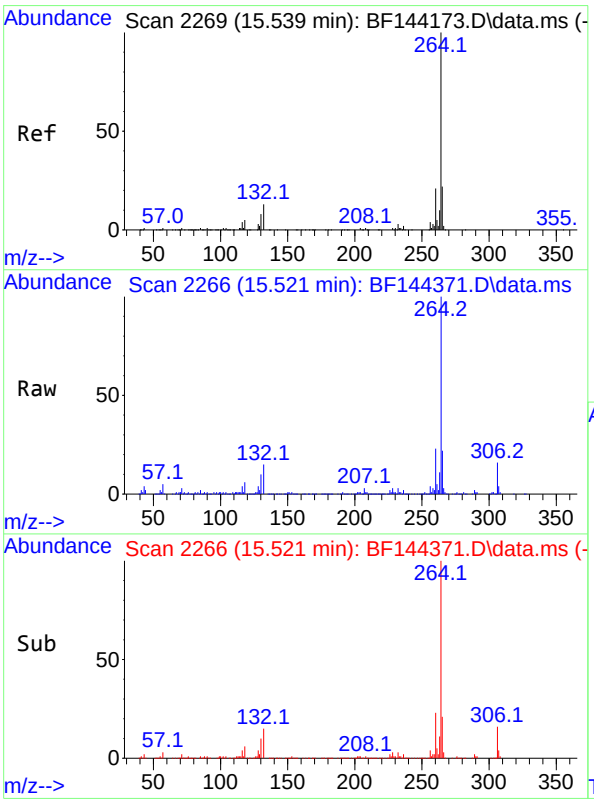
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 21.8 | 32.8 |
| 279 | 4.6 | 3.7 | 5.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

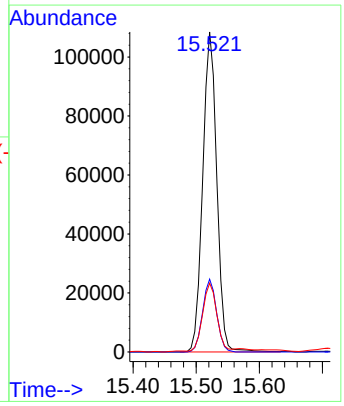
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

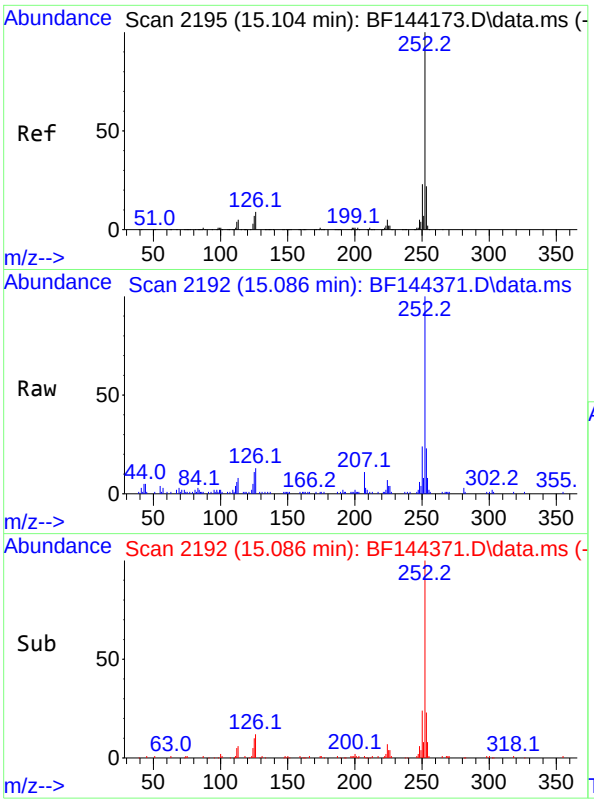



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:264 Resp: 167558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 17.1 | 25.7 |
| 265 | 21.5 | 17.4 | 26.0 |

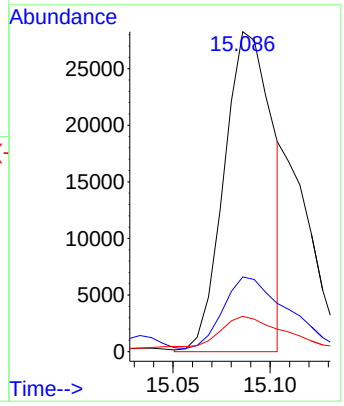





#88
Benzo(b)fluoranthene
Concen: 5.109 ng m
RT: 15.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:252 Resp: 4866

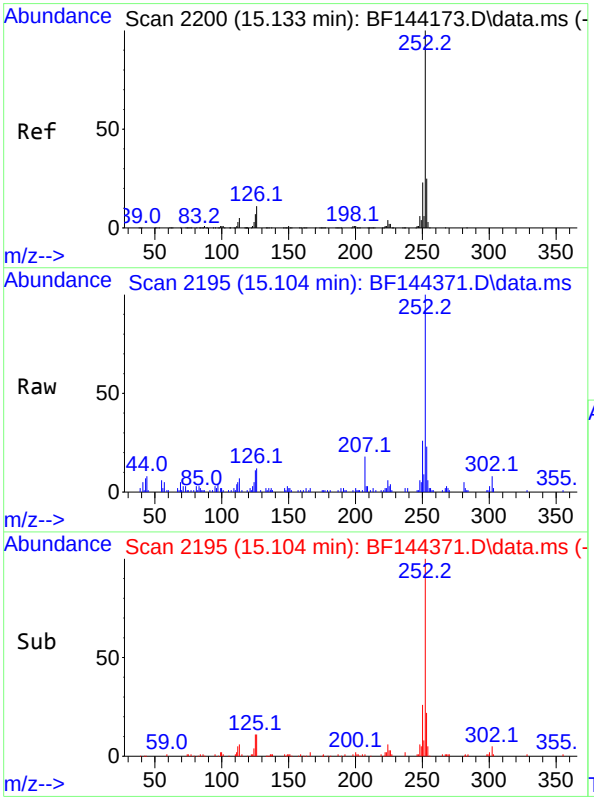
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.4 | 26.2 |
| 125 | 11.0 | 5.3 | 7.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

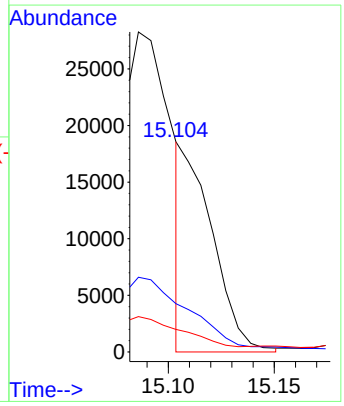
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

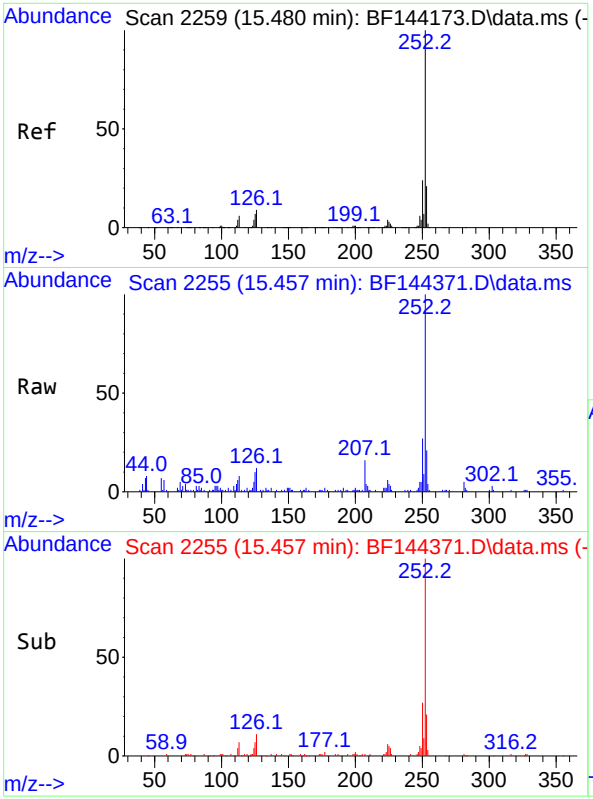



#89
Benzo(k)fluoranthene
Concen: 2.016 ng m
RT: 15.104 min Scan# 2195
Delta R.T. -0.024 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:252 Resp: 17973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 18.0 | 27.0 |
| 125 | 10.7 | 5.4 | 8.2# |

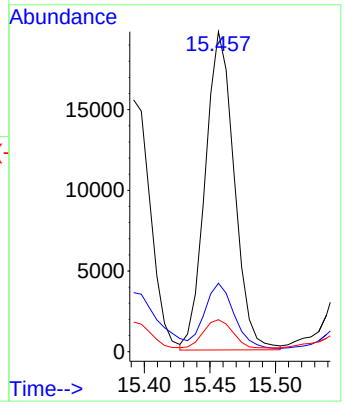





#90
Benzo(a)pyrene
Concen: 3.454 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144371.D
Acq: 26 Nov 2025 20:13

Tgt Ion:252 Resp: 3035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 16.7 | 25.1 |
| 125 | 10.0 | 5.7 | 8.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Sample Results: **BF144371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144371.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 502 | rBV | 188901 | 276701 | 29.77% | 2.928% |
| 2 | 5.487 | 554 | 560 | 585 | rBV | 619127 | 858698 | 92.38% | 9.087% |
| 3 | 6.492 | 726 | 731 | 750 | rBV | 633457 | 865244 | 93.08% | 9.156% |
| 4 | 6.863 | 789 | 794 | 801 | rBV | 247345 | 318407 | 34.25% | 3.369% |
| 5 | 7.422 | 884 | 889 | 902 | rBV | 420354 | 542946 | 58.41% | 5.745% |
| 6 | 8.145 | 1006 | 1012 | 1026 | rVB | 305864 | 404997 | 43.57% | 4.286% |
| 7 | 9.216 | 1189 | 1194 | 1205 | rBV | 732504 | 929530 | 100.00% | 9.836% |
| 8 | 9.898 | 1305 | 1310 | 1315 | rBV | 336762 | 426475 | 45.88% | 4.513% |
| 9 | 10.616 | 1427 | 1432 | 1440 | rVB | 92940 | 121877 | 13.11% | 1.290% |
| 10 | 10.692 | 1440 | 1445 | 1455 | rBV | 387865 | 504907 | 54.32% | 5.343% |
| 11 | 10.922 | 1480 | 1484 | 1491 | rVB | 14484 | 18685 | 2.01% | 0.198% |
| 12 | 11.392 | 1558 | 1564 | 1573 | rBV2 | 281070 | 438578 | 47.18% | 4.641% |
| 13 | 11.469 | 1573 | 1577 | 1580 | rVB | 10855 | 13921 | 1.50% | 0.147% |
| 14 | 11.627 | 1597 | 1604 | 1609 | rBV3 | 5806 | 10738 | 1.16% | 0.114% |
| 15 | 11.916 | 1643 | 1653 | 1665 | rBV3 | 114359 | 208986 | 22.48% | 2.211% |
| 16 | 12.010 | 1665 | 1669 | 1677 | rVB3 | 13715 | 27911 | 3.00% | 0.295% |
| 17 | 12.192 | 1692 | 1700 | 1702 | rBV3 | 5844 | 10413 | 1.12% | 0.110% |
| 18 | 12.392 | 1728 | 1734 | 1740 | rBV4 | 6399 | 13889 | 1.49% | 0.147% |
| 19 | 12.610 | 1766 | 1771 | 1780 | rBV | 99459 | 149144 | 16.05% | 1.578% |
| 20 | 12.698 | 1780 | 1786 | 1793 | rBV4 | 24658 | 40987 | 4.41% | 0.434% |
| 21 | 12.839 | 1803 | 1810 | 1818 | rBV | 87582 | 134710 | 14.49% | 1.425% |
| 22 | 12.974 | 1825 | 1833 | 1842 | rBV | 545401 | 732518 | 78.81% | 7.751% |
| 23 | 13.057 | 1842 | 1847 | 1857 | rBV5 | 8252 | 17842 | 1.92% | 0.189% |
| 24 | 13.168 | 1858 | 1866 | 1869 | rBV3 | 15421 | 31513 | 3.39% | 0.333% |
| 25 | 13.268 | 1880 | 1883 | 1890 | rVB3 | 10935 | 15996 | 1.72% | 0.169% |
| 26 | 13.545 | 1922 | 1930 | 1941 | rBV7 | 14870 | 50191 | 5.40% | 0.531% |
| 27 | 13.680 | 1946 | 1953 | 1959 | rBV | 12982 | 30621 | 3.29% | 0.324% |
| 28 | 13.786 | 1967 | 1971 | 1974 | rBV2 | 13526 | 20430 | 2.20% | 0.216% |
| 29 | 13.874 | 1982 | 1986 | 1997 | rVB2 | 74779 | 134581 | 14.48% | 1.424% |
| 30 | 14.039 | 2004 | 2014 | 2027 | rBV2 | 338448 | 640158 | 68.87% | 6.774% |
| 31 | 14.192 | 2036 | 2040 | 2047 | rVB2 | 24839 | 34832 | 3.75% | 0.369% |
| 32 | 14.427 | 2076 | 2080 | 2084 | rBV | 18775 | 23403 | 2.52% | 0.248% |
| 33 | 14.498 | 2088 | 2092 | 2099 | rVV2 | 41871 | 71694 | 7.71% | 0.759% |
| 34 | 14.633 | 2112 | 2115 | 2120 | rVB5 | 12986 | 18613 | 2.00% | 0.197% |
| 35 | 14.804 | 2141 | 2144 | 2154 | rVB | 20483 | 29074 | 3.13% | 0.308% |
| 36 | 15.086 | 2187 | 2192 | 2199 | rBV | 73330 | 179545 | 19.32% | 1.900% |

Sample Results: **BF144371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.145 | 2199 | 2202 | 2206 | rVV | 32379 | 47848 | 5.15% | 0.506% |
| 38 | 15.192 | 2207 | 2210 | 2214 | rVB3 | 18552 | 30735 | 3.31% | 0.325% |
| 39 | 15.392 | 2240 | 2244 | 2250 | rBV | 36312 | 61138 | 6.58% | 0.647% |
| 40 | 15.457 | 2251 | 2255 | 2260 | rVV | 48433 | 74411 | 8.01% | 0.787% |
| 41 | 15.521 | 2260 | 2266 | 2281 | rVB | 332009 | 544018 | 58.53% | 5.757% |
| 42 | 15.733 | 2298 | 2302 | 2307 | rVB2 | 29098 | 44986 | 4.84% | 0.476% |
| 43 | 15.968 | 2337 | 2342 | 2348 | rVB | 43501 | 73056 | 7.86% | 0.773% |
| 44 | 16.039 | 2349 | 2354 | 2359 | rBV7 | 13499 | 31215 | 3.36% | 0.330% |
| 45 | 16.480 | 2424 | 2429 | 2440 | rVB | 25291 | 55904 | 6.01% | 0.592% |
| 46 | 17.015 | 2516 | 2520 | 2525 | rBV2 | 14843 | 29624 | 3.19% | 0.313% |
| 47 | 17.086 | 2527 | 2532 | 2542 | rVB3 | 23474 | 54696 | 5.88% | 0.579% |
| 48 | 17.609 | 2615 | 2621 | 2633 | rVB3 | 16458 | 53857 | 5.79% | 0.570% |

Sum of corrected areas: 9450243

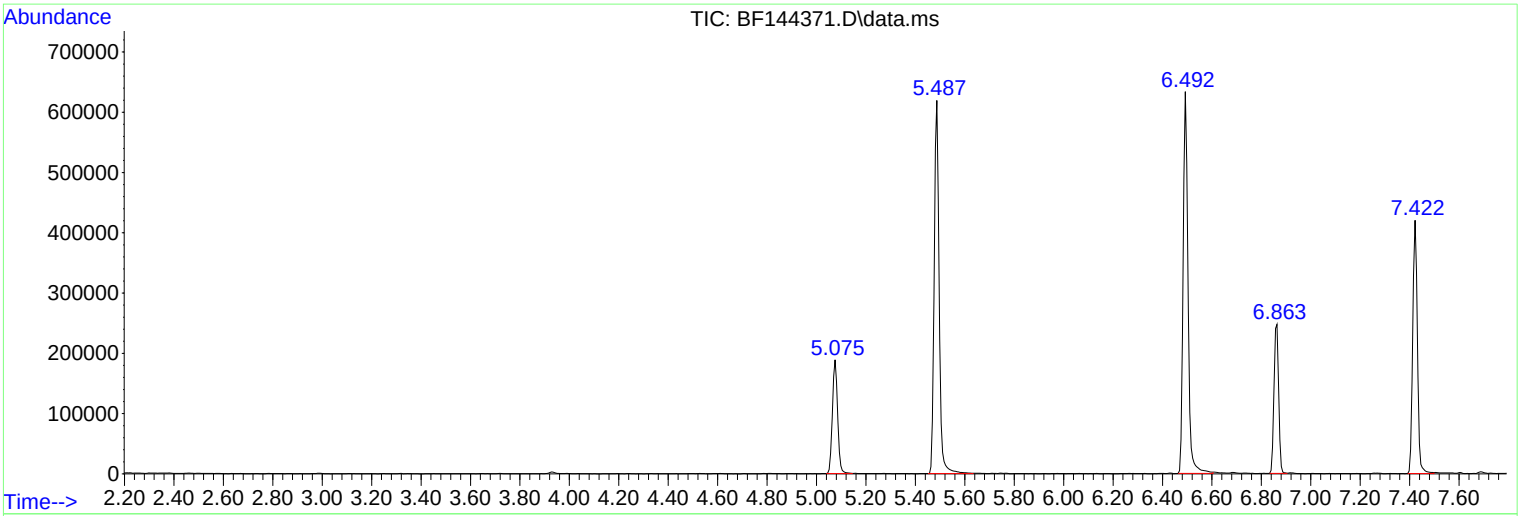
Sample Results: **BF144371.D**

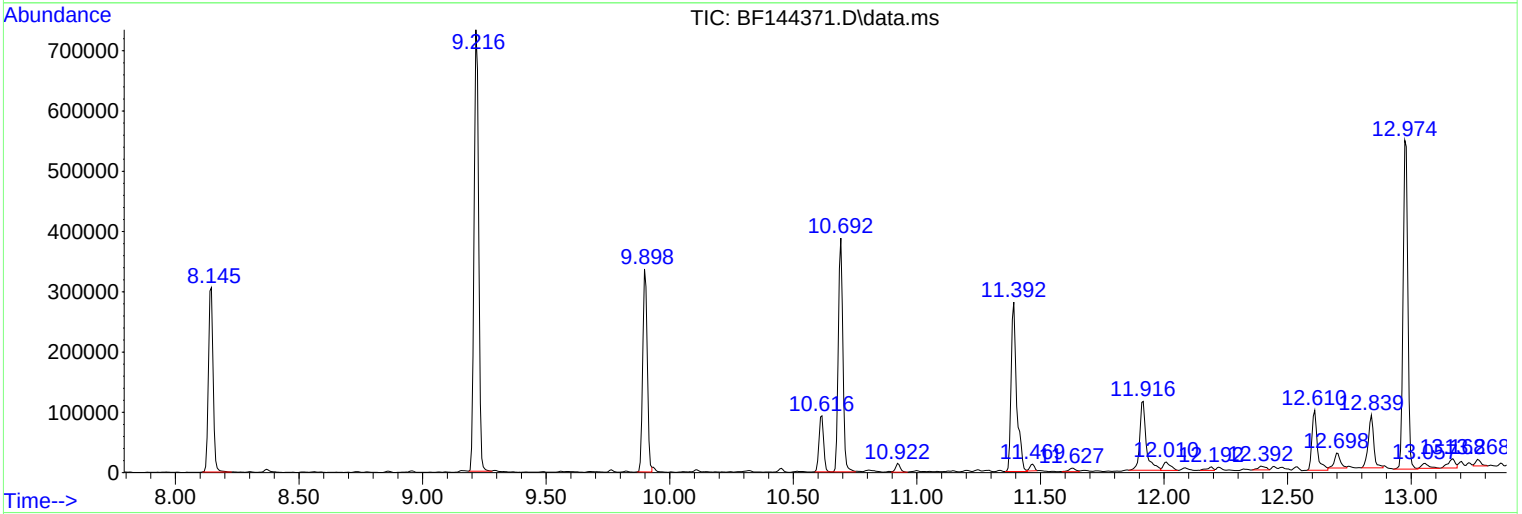
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

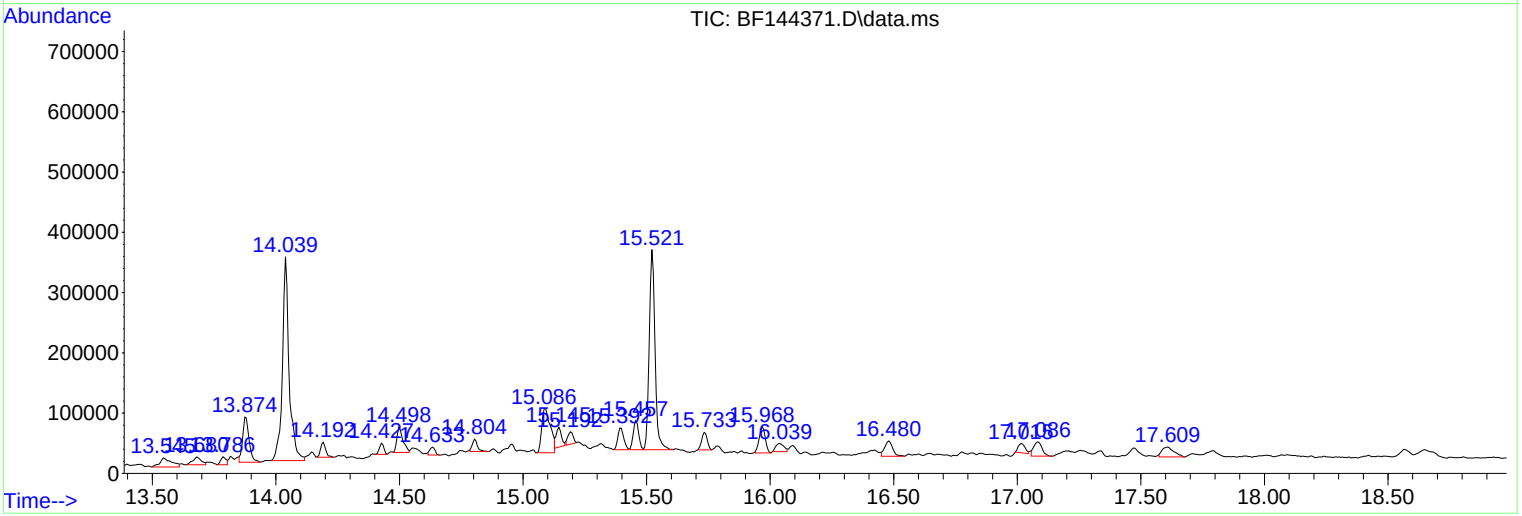
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

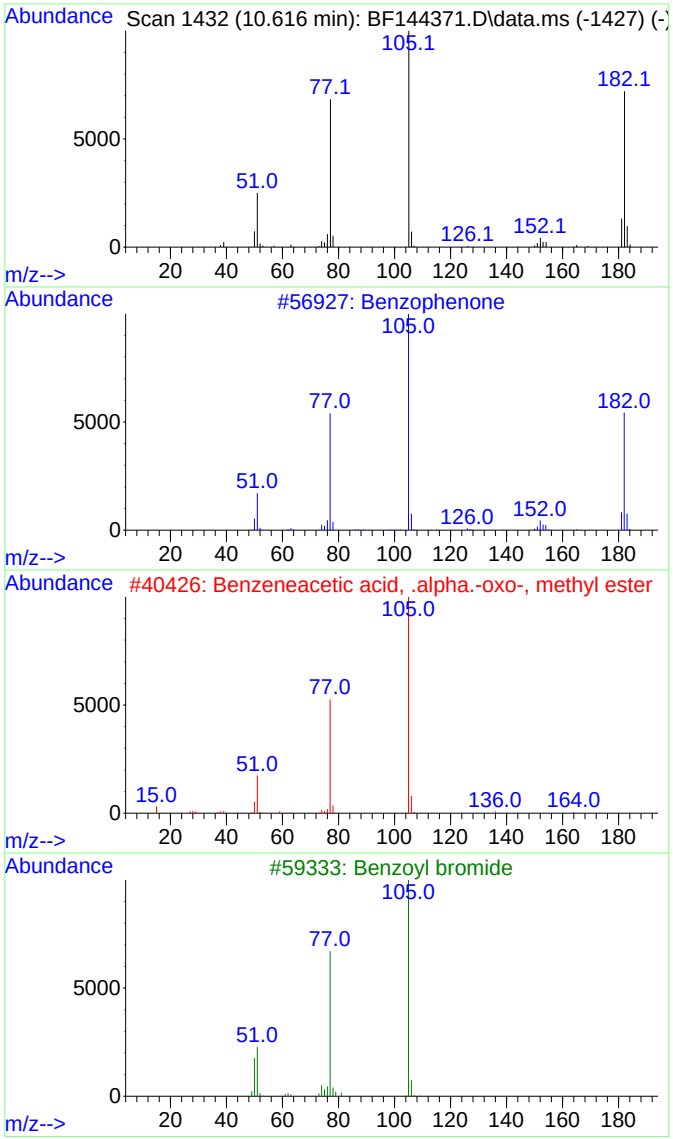
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

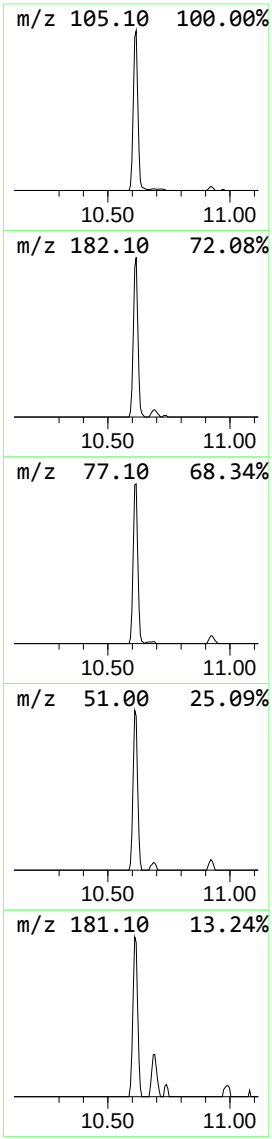
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 5.72 ng | 121877 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzeneacetic acid, .alpha.-oxo-... | 164 | C9H8O3 | 015206-55-0 | 43 |
| 3 | Benzoyl bromide | 184 | C7H5BrO | 000618-32-6 | 43 |
| 4 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 43 |
| 5 | Disulfide, dibenzoyl | 274 | C14H10O2S2 | 000644-32-6 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

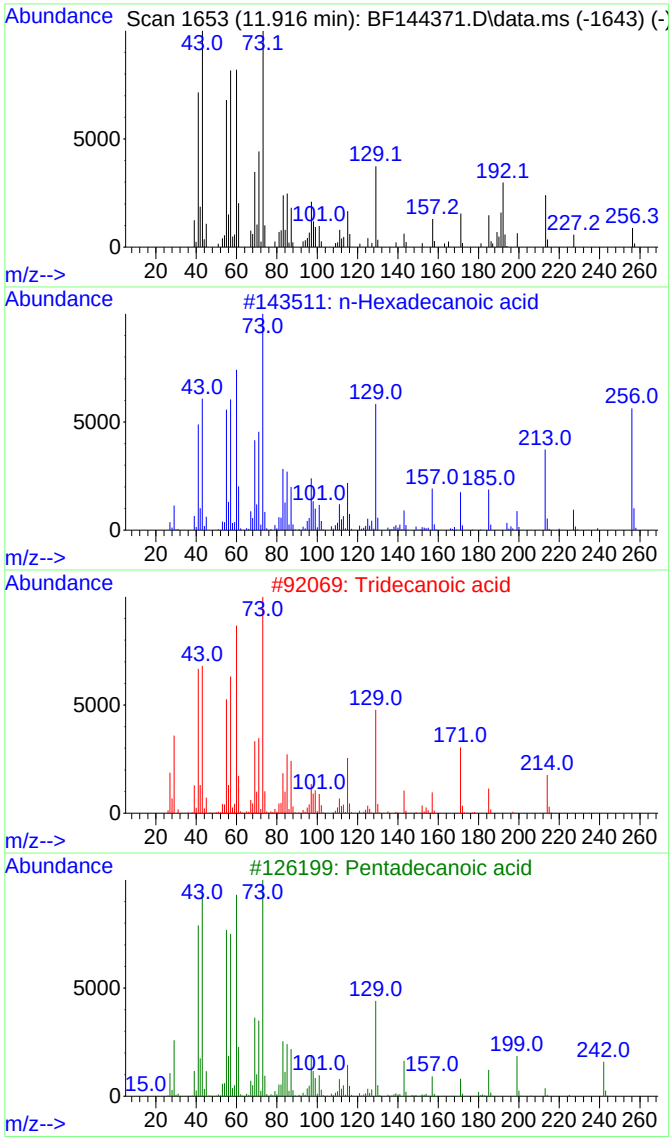
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

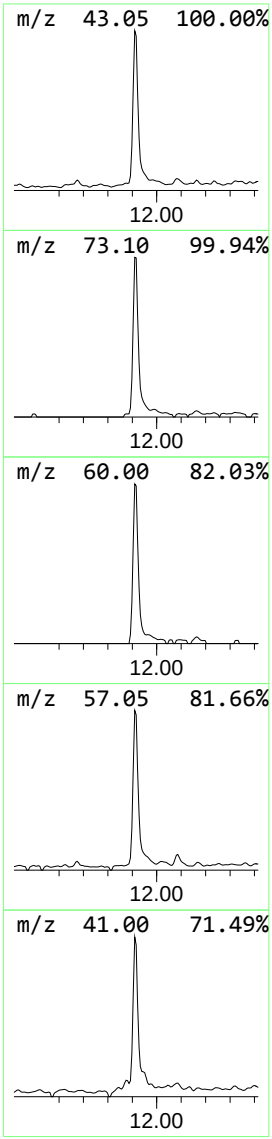
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 9.53 ng | 208986 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 62 |
| 4 | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 49 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

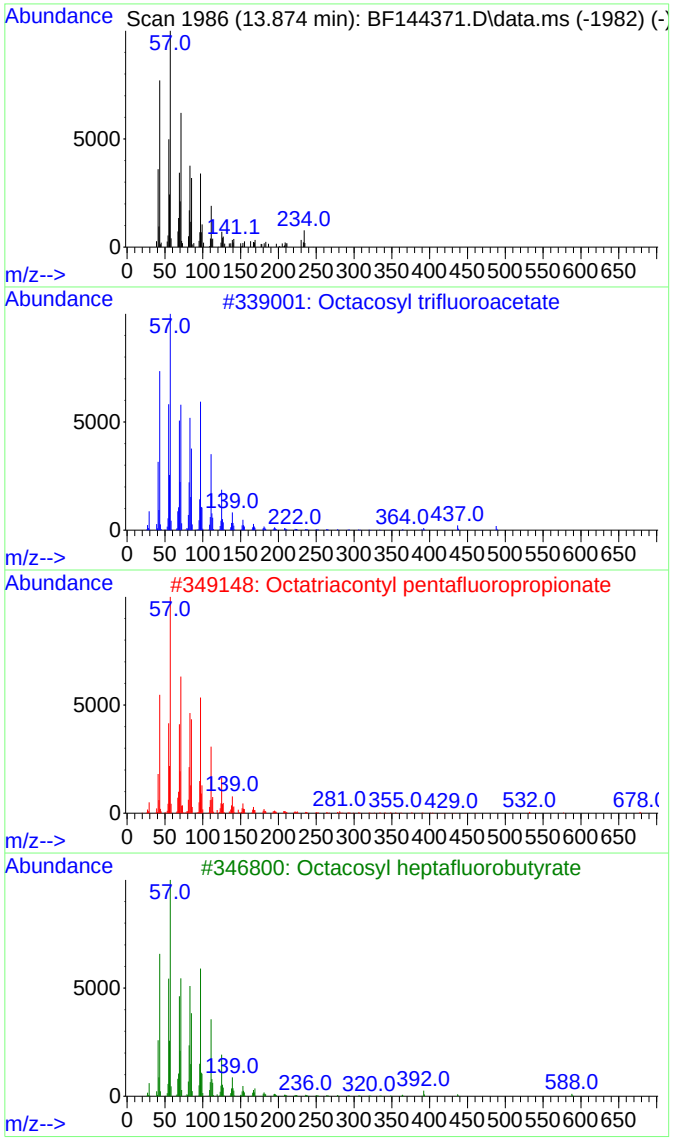
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

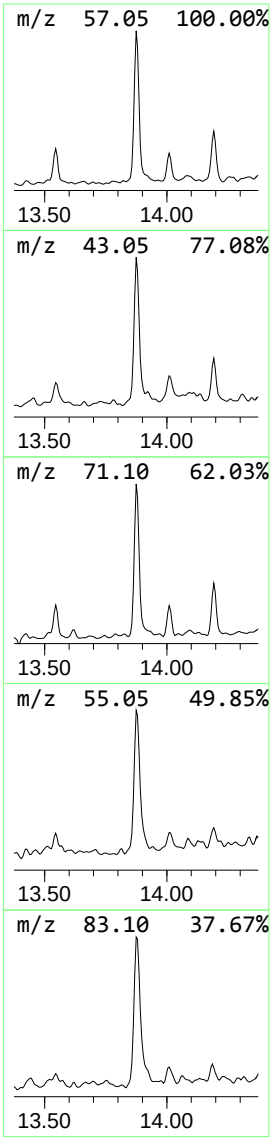
**********

Peak Number 4 Octacosyl trifluoroacetate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 4.20 ng | 134581 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosyl trifluoroacetate | 506 | C30H57F3O2 | 1000351-74-9 | 91 |
| 2 | Octatriacontyl pentafluoropropio... | 697 | C41H77F5O2 | 1000351-89-1 | 91 |
| 3 | Octacosyl heptafluorobutyrate | 606 | C32H57F7O2 | 1010351-83-6 | 91 |
| 4 | Tetratriacontyl heptafluorobutyrate | 691 | C38H69F7O2 | 1000351-84-1 | 90 |
| 5 | Dotriacontyl heptafluorobutyrate | 662 | C36H65F7O2 | 1000351-84-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

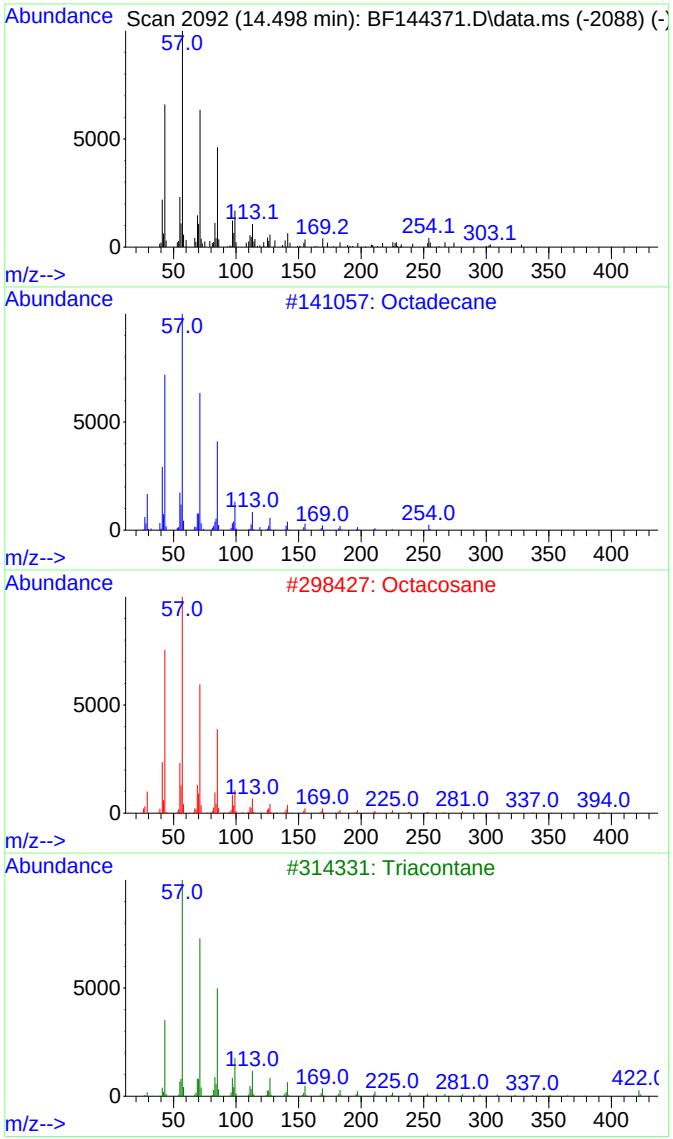
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

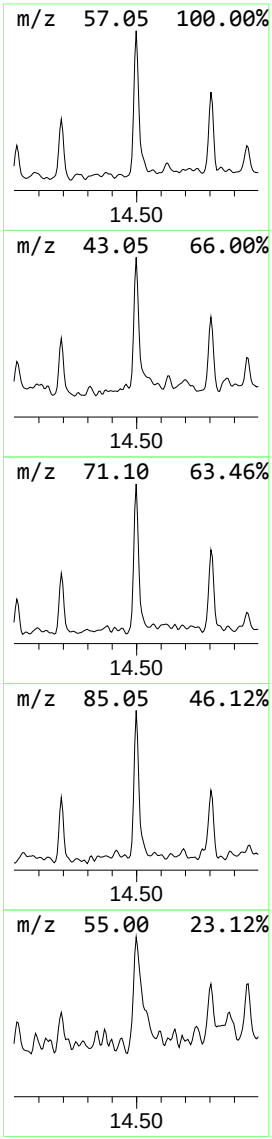
**********

Peak Number 5 Octadecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.498 | 2.24 ng | 71694 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 94 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 3 | Triacontane | 422 | C30H62 | 000638-68-6 | 87 |
| 4 | Eicosane, 2-methyl- | 296 | C21H44 | 001560-84-5 | 87 |
| 5 | 4-Methylheneicosane | 310 | C22H46 | 025117-29-7 | 87 |



Sample Results: **BF144371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

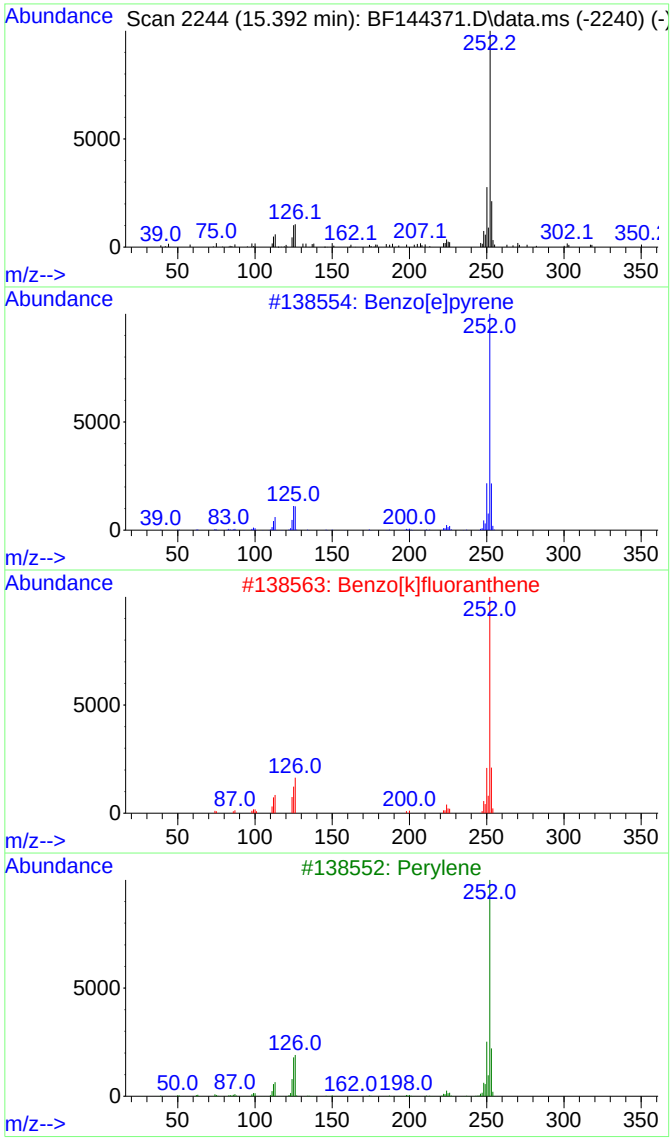
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

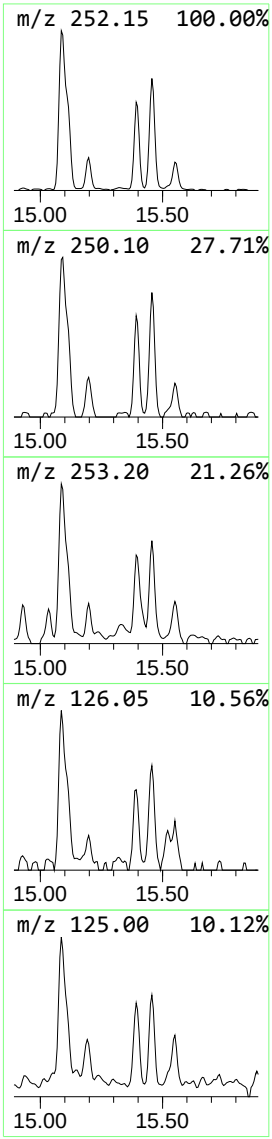
**********

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.392 | 2.25 ng | 61138 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 97 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 96 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 95 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

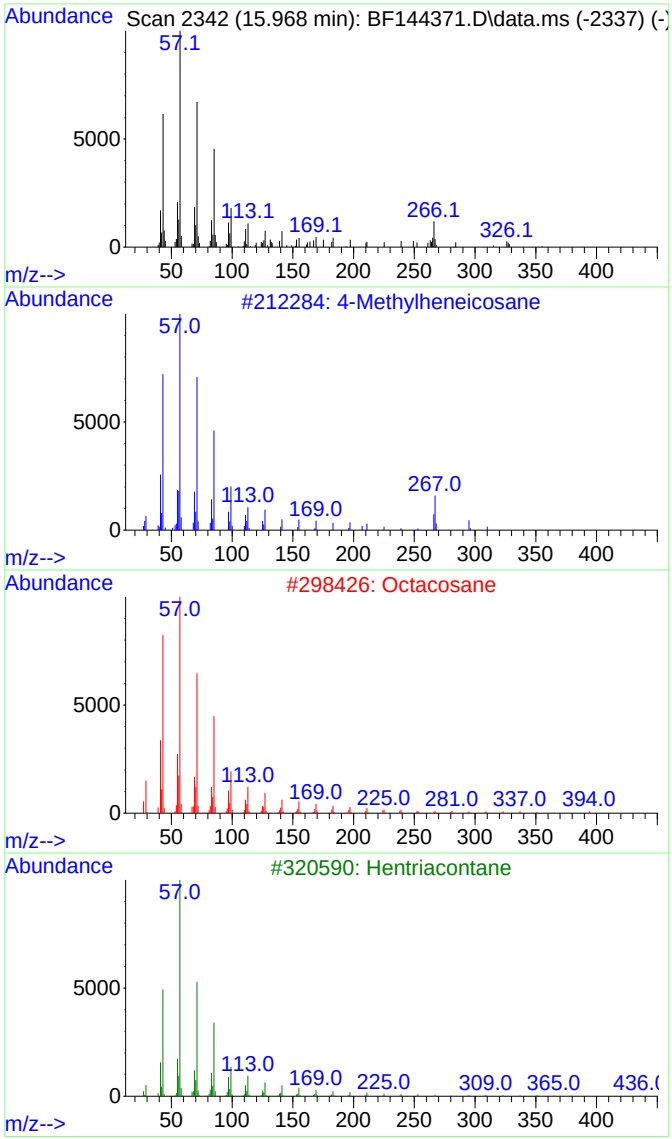
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

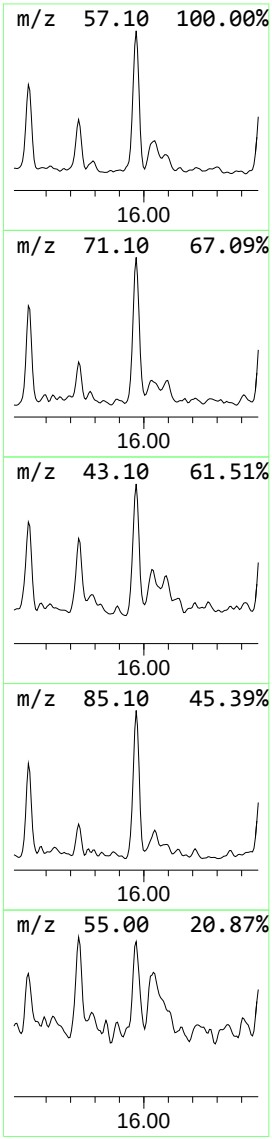
**********

Peak Number 7 4-Methylheneicosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.968 | 2.69 ng | 73056 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylheneicosane | 310 | C22H46 | 025117-29-7 | 90 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 87 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |



Sample Results: **BF144371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-15A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 5.7 | ng | 121877 | 3 | 9.898 | 426475 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 9.5 | ng | 208986 | 4 | 11.392 | 438578 | 20.0 |
| Octacosyl trifl... | 13.874 | 4.2 | ng | 134581 | 5 | 14.039 | 640158 | 20.0 |
| Octadecane | 14.498 | 2.2 | ng | 71694 | 5 | 14.039 | 640158 | 20.0 |
| Benzo[e]pyrene | 15.392 | 2.3 | ng | 61138 | 6 | 15.521 | 544018 | 20.0 |
| 4-Methylheneico... | 15.968 | 2.7 | ng | 73056 | 6 | 15.521 | 544018 | 20.0 |

Raw Data: **BP026203.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | Date Collected: | 11/24/25 | |
| Project: | Saddler Property | | Date Received: | 11/25/25 | |
| Client Sample ID: | SB-1125-15B | | SDG No.: | Q3719 | |
| Lab Sample ID: | Q3719-10 | | Matrix: | SOIL | |
| Analytical Method: | 8270E | Level: LOW | % Solid: | 89.4 | |
| Sample Wt/Vol: | 30.09 g | Final Vol: 1000 uL | Test: | SVOC-TCL BNA -20 | |
| Prep Method : | SW3541 | Prep Date: 11/25/25 | | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 170 | U | 1 | 170 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 108-95-2 | Phenol | 24.6 | U | 1 | 24.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 27.1 | U | 1 | 27.1 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 27.2 | U | 1 | 27.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 95-48-7 | 2-Methylphenol | 33.3 | U | 1 | 33.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 41.8 | U | 1 | 41.8 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 98-86-2 | Acetophenone | 32.9 | U | 1 | 32.9 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 45.8 | U | 1 | 45.8 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 52.9 | U | 1 | 52.9 | 89.2 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 67-72-1 | Hexachloroethane | 19.6 | U | 1 | 19.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 98-95-3 | Nitrobenzene | 20.4 | U | 1 | 20.4 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 78-59-1 | Isophorone | 36.6 | U | 1 | 36.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 64.9 | U | 1 | 64.9 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 72.3 | U | 1 | 72.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 34.3 | U | 1 | 34.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 31.6 | U | 1 | 31.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 91-20-3 | Naphthalene | 25.3 | U | 1 | 25.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 39.5 | U | 1 | 39.5 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 28.2 | U | 1 | 28.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 105-60-2 | Caprolactam | 58.1 | U | 1 | 58.1 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 32.0 | U | 1 | 32.0 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 28.5 | U | 1 | 28.5 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.1 | U | 1 | 22.1 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 32.5 | U | 1 | 32.5 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 24.3 | U | 1 | 24.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 25.1 | U | 1 | 25.1 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 53.6 | U | 1 | 53.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 131-11-3 | Dimethylphthalate | 30.2 | U | 1 | 30.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 208-96-8 | Acenaphthylene | 32.2 | U | 1 | 32.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 37.5 | U | 1 | 37.5 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 51.3 | U | 1 | 51.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 83-32-9 | Acenaphthene | 23.8 | U | 1 | 23.8 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 132-64-9 | Dibenzofuran | 25.3 | U | 1 | 25.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 55.9 | U | 1 | 55.9 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 84-66-2 | Diethylphthalate | 140 | J | 1 | 31.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 29.8 | U | 1 | 29.8 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 86-73-7 | Fluorene | 28.2 | U | 1 | 28.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 71.6 | U | 1 | 71.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 110 | U | 1 | 110 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |

Raw Data: **BP026203.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.09 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 36.7 | U | 1 | 36.7 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 31.0 | U | 1 | 31.0 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 28.2 | U | 1 | 28.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 1912-24-9 | Atrazine | 37.9 | U | 1 | 37.9 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 87-86-5 | Pentachlorophenol | 57.2 | U | 1 | 57.2 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 85-01-8 | Phenanthrene | 23.3 | U | 1 | 23.3 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 120-12-7 | Anthracene | 37.1 | U | 1 | 37.1 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 86-74-8 | Carbazole | 34.8 | U | 1 | 34.8 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 53.4 | U | 1 | 53.4 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 206-44-0 | Fluoranthene | 97.3 | J | 1 | 33.5 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 129-00-0 | Pyrene | 74.7 | J | 1 | 40.1 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 79.6 | U | 1 | 79.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 40.9 | U | 1 | 40.9 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 25.7 | U | 1 | 25.7 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 218-01-9 | Chrysene | 22.2 | U | 1 | 22.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 66.0 | U | 1 | 66.0 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 96.8 | U | 1 | 96.8 | 370 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 21.2 | U | 1 | 21.2 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 25.0 | U | 1 | 25.0 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 32.9 | U | 1 | 32.9 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 32.5 | U | 1 | 32.5 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 30.6 | U | 1 | 30.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 28.7 | U | 1 | 28.7 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 28.5 | U | 1 | 28.5 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 50.4 | U | 1 | 50.4 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 30.6 | U | 1 | 30.6 | 190 | ug/Kg | 12/01/25 19:21 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 68.9 | | | 10 - 105 | 46% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 65.3 | | | 10 - 103 | 44% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 46.4 | | | 10 - 108 | 46% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 48.3 | | | 10 - 108 | 48% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 70.5 | | | 10 - 116 | 47% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 44.3 | | | 10 - 109 | 44% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 220000 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 815000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 475000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 944000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 1180000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 1390000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 170 | J | | | 15.7 | ug/Kg | | |
| 000057-10-3 | n-Hexadecanoic acid | 140 | J | | | 18.0 | ug/Kg | | |

Raw Data: **BP026203.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.09 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000661-19-8 | Behenic alcohol | 110 | J | | | 21.2 | 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

Sample Results: **BP026203.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Quant Time: Dec 02 00:30:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

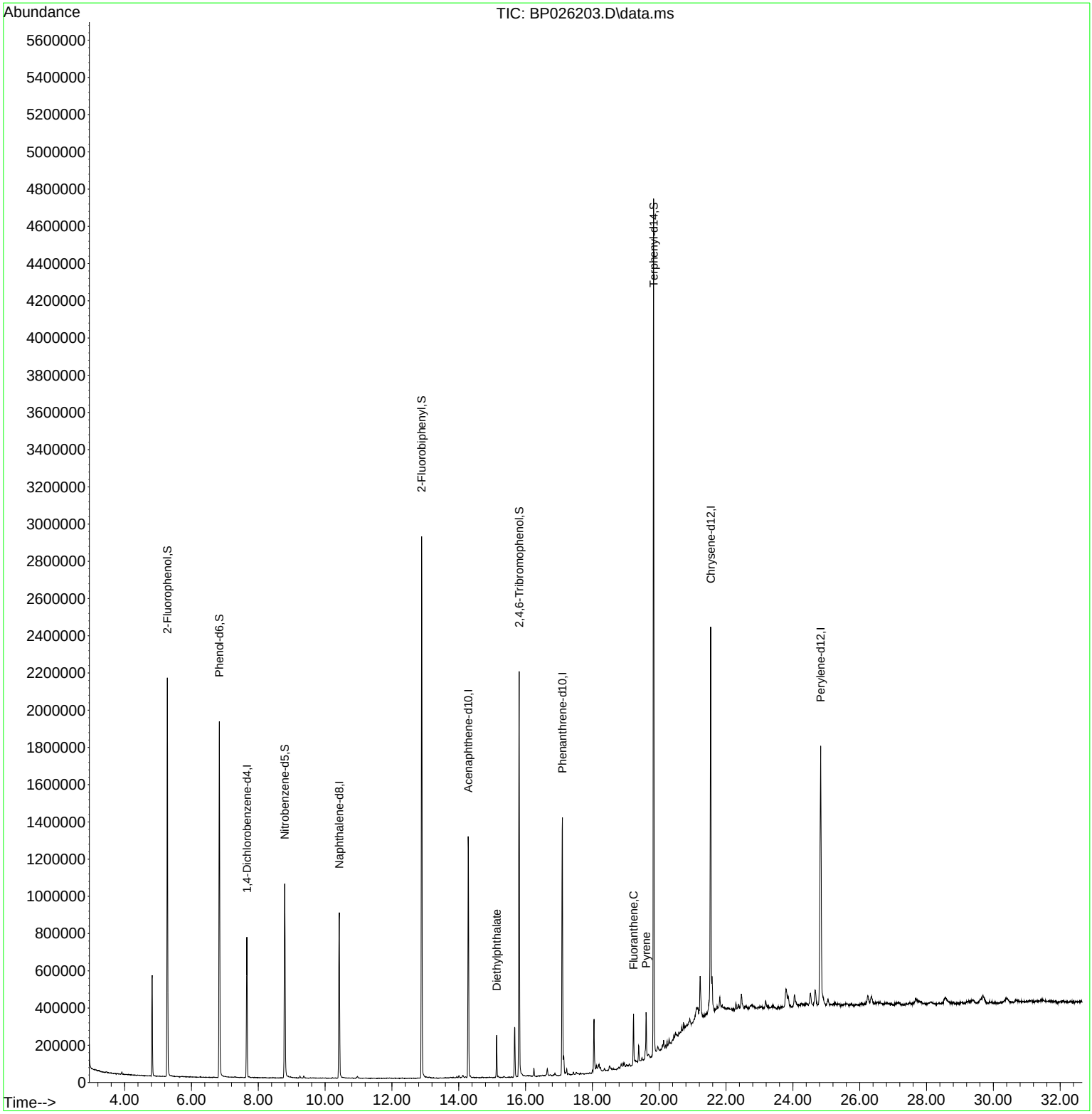
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.660 | 152 | 219787 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.425 | 136 | 815242 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.284 | 164 | 475411 | 20.000 | ng | -0.04 |
| 64) Phenanthrene-d10 | 17.101 | 188 | 944258 | 20.000 | ng | -0.03 |
| 76) Chrysene-d12 | 21.542 | 240 | 1177866 | 20.000 | ng | -0.03 |
| 86) Perylene-d12 | 24.830 | 264 | 1392134 | 20.000 | ng | -0.08 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.278 | 112 | 944080 | 68.945 | ng | -0.01 |
| 7) Phenol-d6 | 6.837 | 99 | 1138565 | 65.313 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.790 | 82 | 665253 | 46.352 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.807 | 330 | 434698 | 70.485 | ng | -0.03 |
| 45) 2-Fluorobiphenyl | 12.890 | 172 | 1565990 | 48.276 | ng | -0.04 |
| 79) Terphenyl-d14 | 19.830 | 244 | 2558988 | 44.300 | ng | -0.04 |
| Target Compounds | | | | | | Qvalue |
| 60) Diethylphthalate | 15.136 | 149 | 134710 | 3.766 | ng | 100 |
| 75) Fluoranthene | 19.230 | 202 | 169153 | 2.617 | ng | 99 |
| 78) Pyrene | 19.607 | 202 | 155218 | 2.010 | ng | 98 |

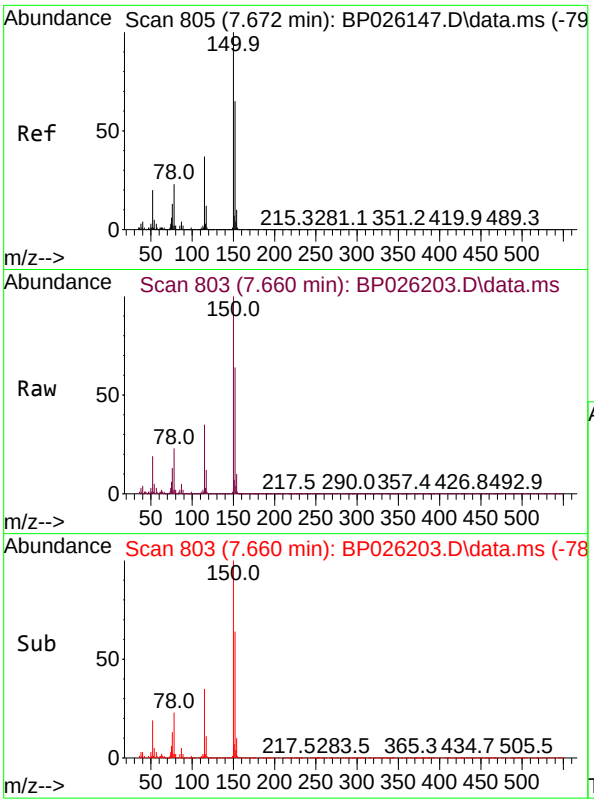
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Quant Time: Dec 02 00:30:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



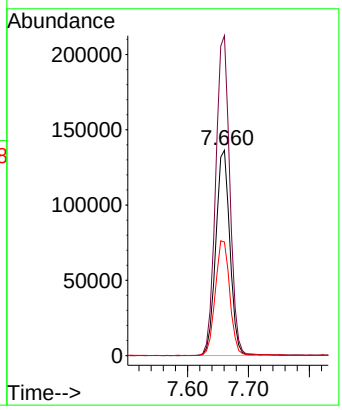


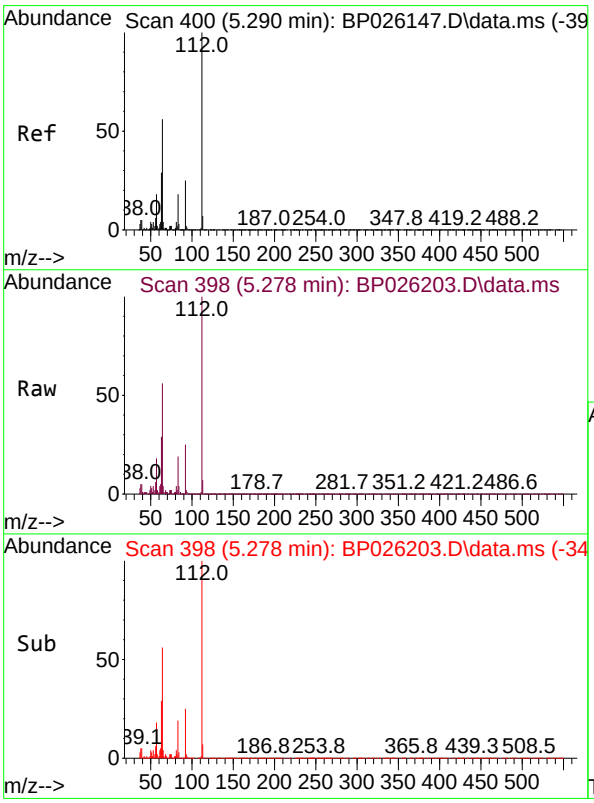

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion:152 Resp: 219787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.8 | 123.0 | 184.6 |
| 115 | 55.3 | 46.3 | 69.5 |

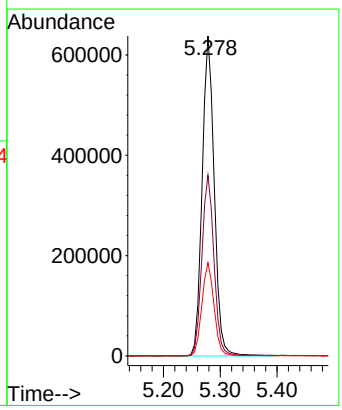


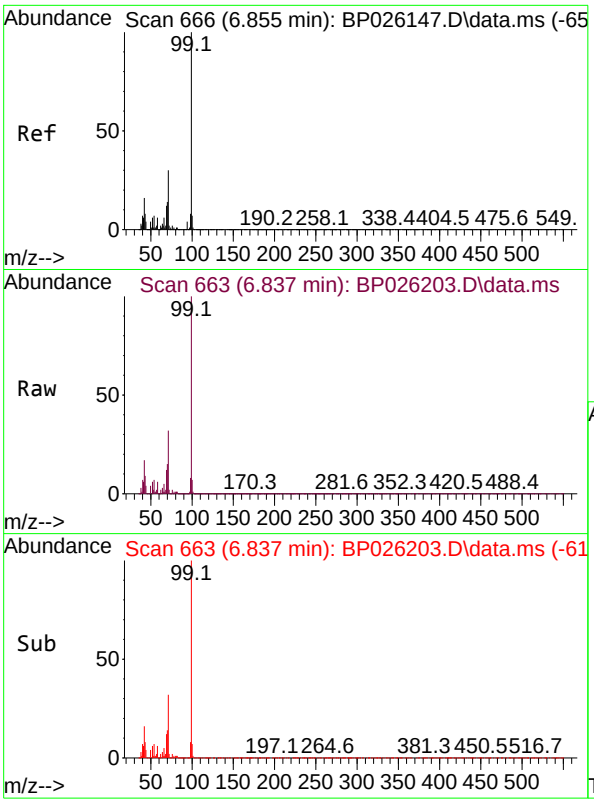




#5
2-Fluorophenol
Concen: 68.945 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.012 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:112 Resp: 944080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.4 | 45.8 | 68.6 |
| 63 | 29.2 | 23.5 | 35.3 |



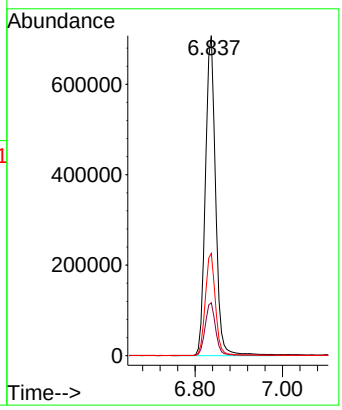


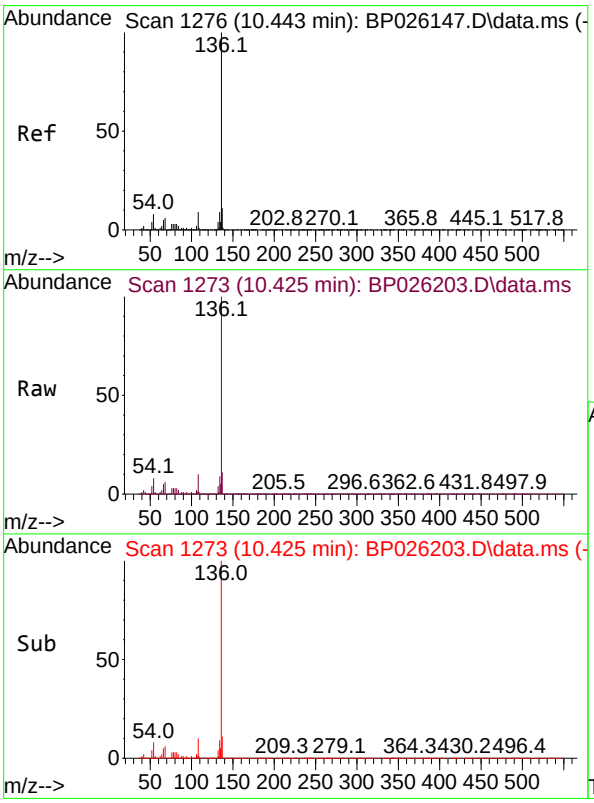

#7
Phenol-d6
Concen: 65.313 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion: 99 Resp: 1138565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.5 | 12.9 | 19.3 |
| 71 | 31.9 | 24.8 | 37.2 |

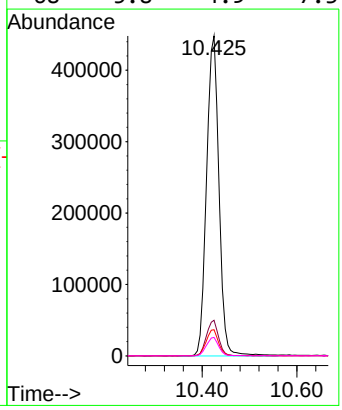


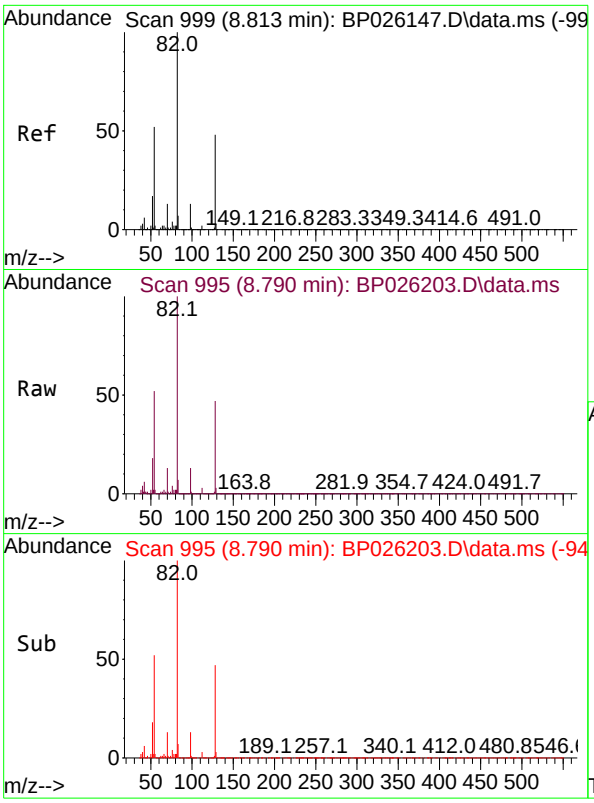




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.024 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:136 Resp: 815242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 8.2 | 6.4 | 9.6 |
| 68 | 5.8 | 4.9 | 7.3 |



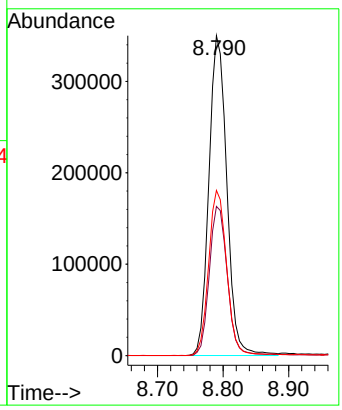


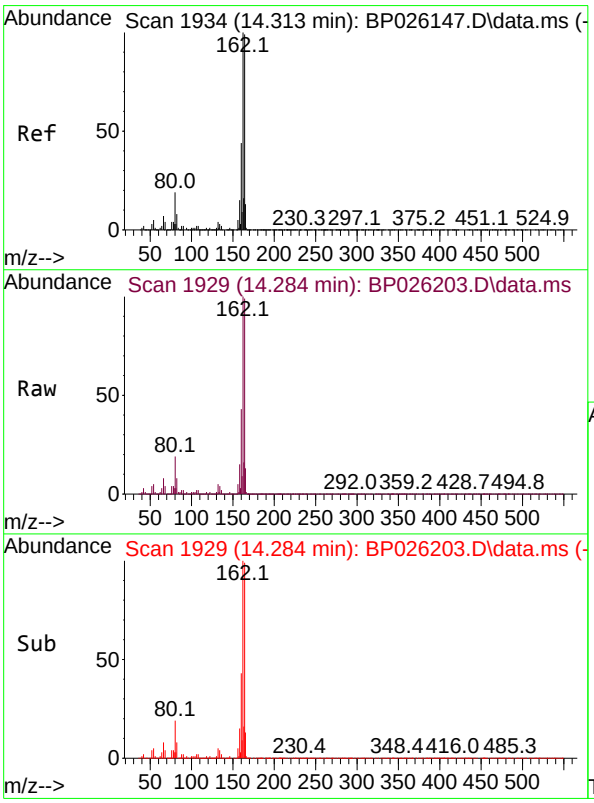

#23
Nitrobenzene-d5
Concen: 46.352 ng
RT: 8.790 min Scan# 99
Delta R.T. -0.023 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion: 82 Resp: 665253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.6 | 37.4 | 56.0 |
| 54 | 51.6 | 41.6 | 62.4 |

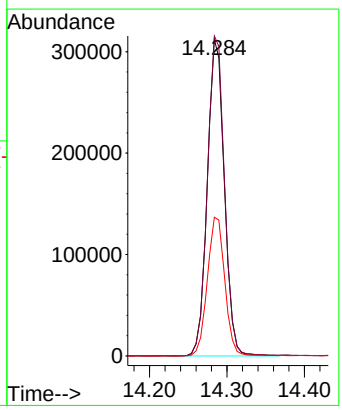


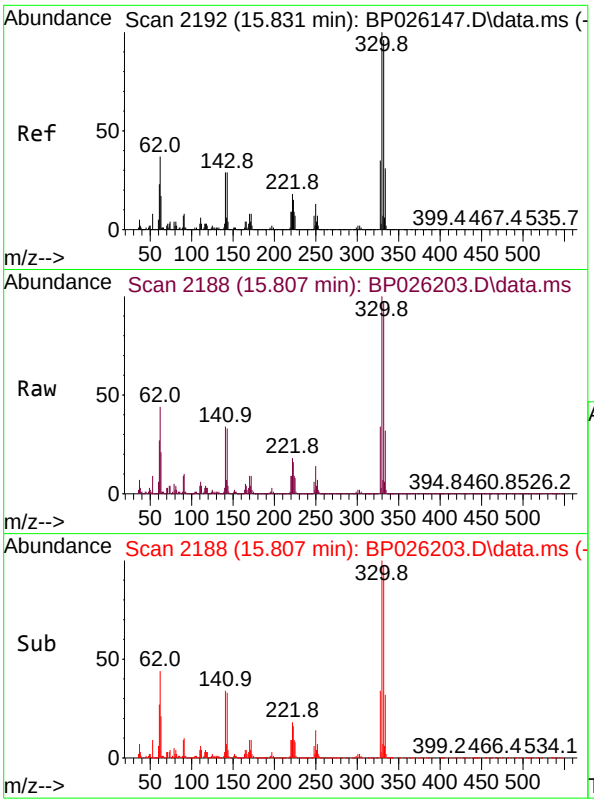




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.041 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:164 Resp: 475411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 80.3 | 120.5 |
| 160 | 43.8 | 35.2 | 52.8 |



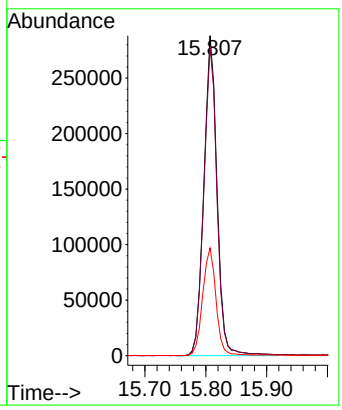


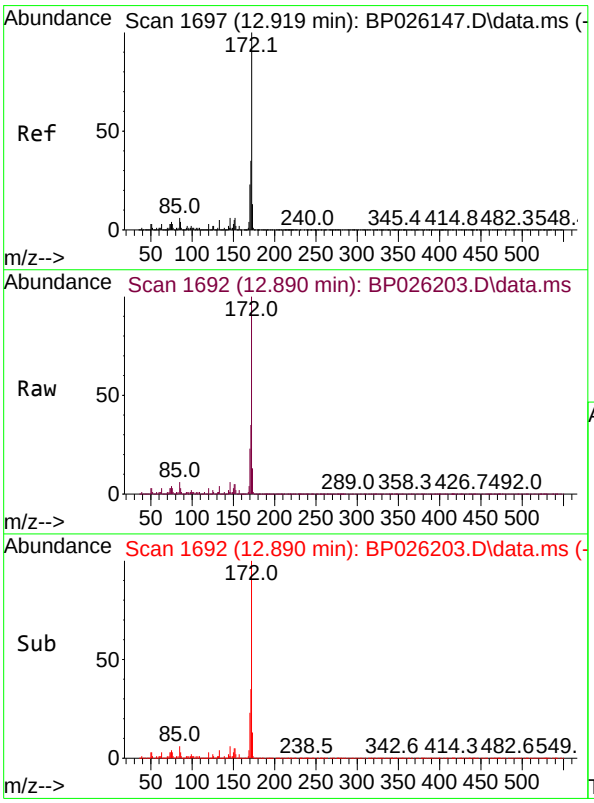

#42
2,4,6-Tribromophenol
Concen: 70.485 ng
RT: 15.807 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion:330 Resp: 434698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 78.0 | 117.0 |
| 141 | 33.8 | 26.8 | 40.2 |

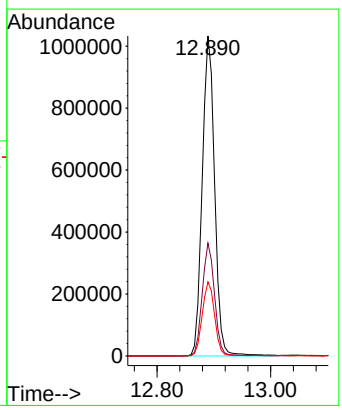


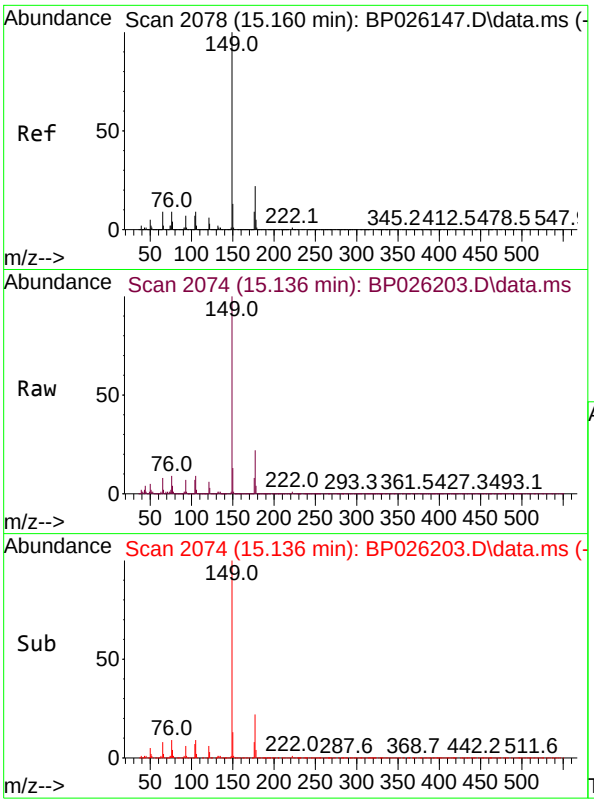




#45
2-Fluorobiphenyl
Concen: 48.276 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.041 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:172 Resp: 1565990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.2 | 42.4 |
| 170 | 23.1 | 18.7 | 28.1 |



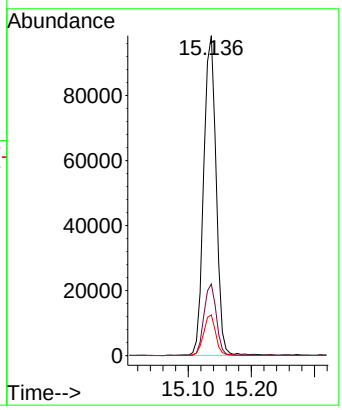


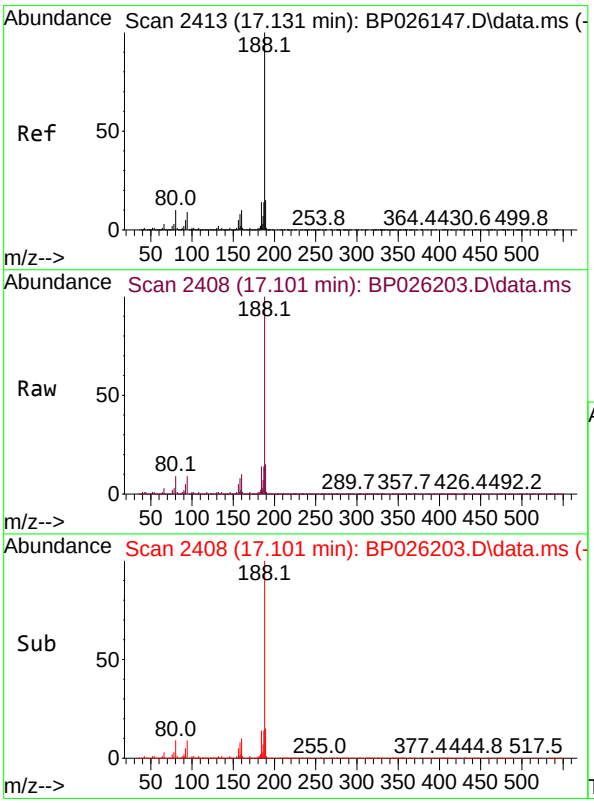

#60
Diethylphthalate
Concen: 3.766 ng
RT: 15.136 min Scan# 20
Delta R.T. -0.035 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion:149 Resp: 134710

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

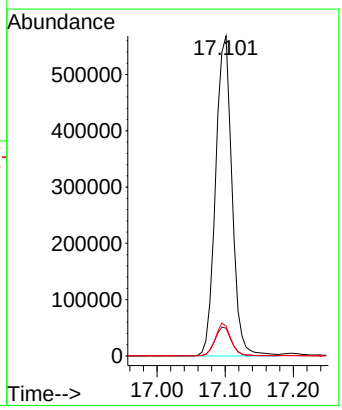


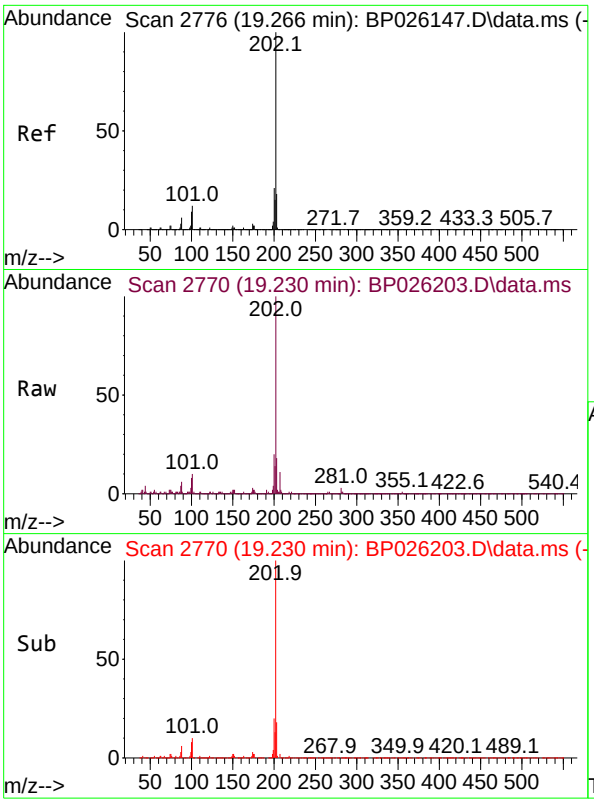




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.029 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:188 Resp: 944258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 7.8 | 11.6 |
| 80 | 9.4 | 8.2 | 12.2 |



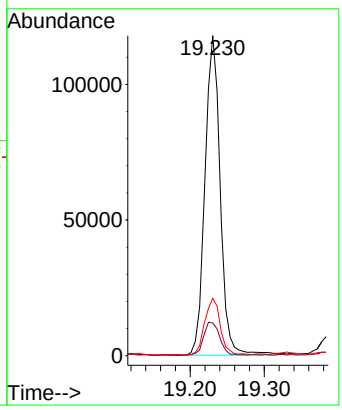


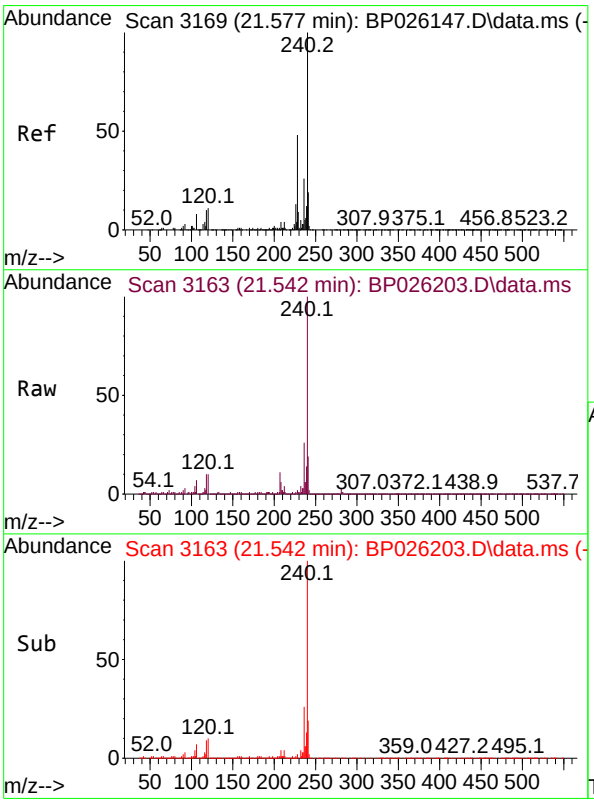

#75
Fluoranthene
Concen: 2.617 ng
RT: 19.230 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion:202 Resp: 169153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.2 | 0.0 | 31.2 |
| 203 | 17.9 | 0.0 | 37.7 |

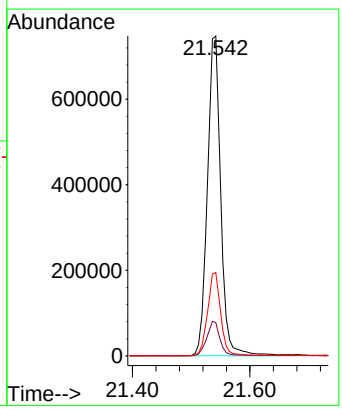


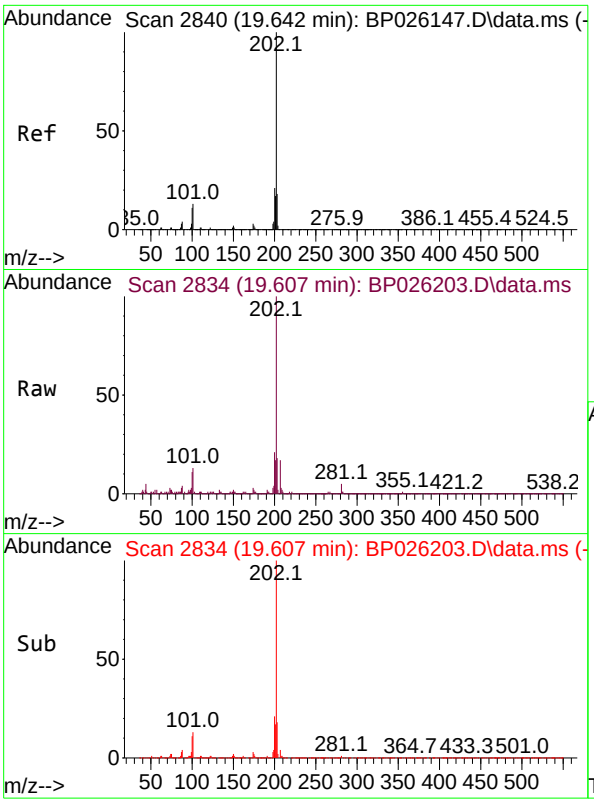




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:240 Resp: 1177866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 9.0 | 13.4 |
| 236 | 26.0 | 20.4 | 30.6 |



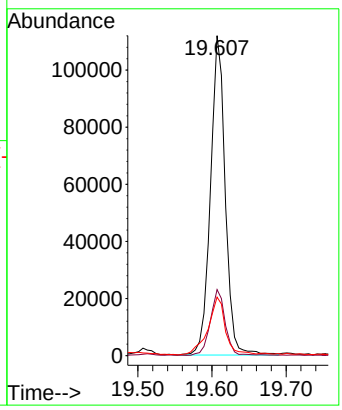


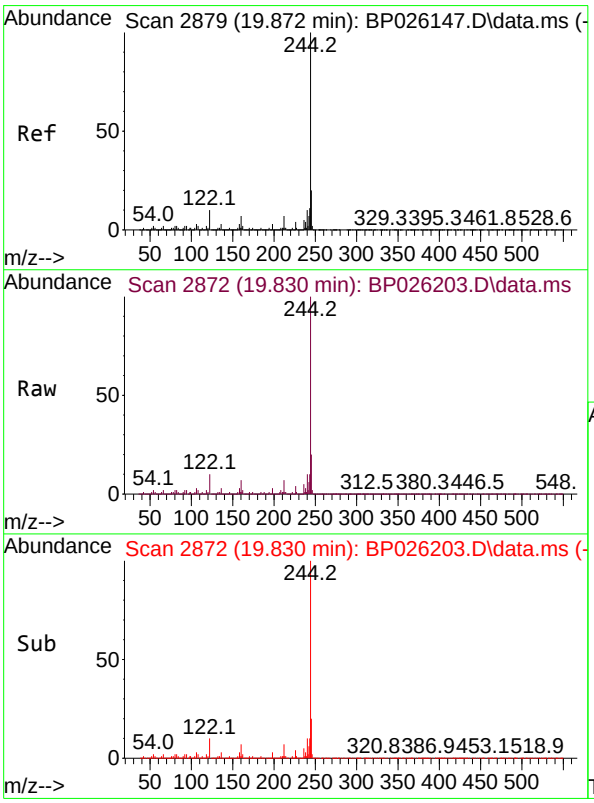

#78
Pyrene
Concen: 2.010 ng
RT: 19.607 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion:202 Resp: 155218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.9 | 25.3 |
| 203 | 18.3 | 13.8 | 20.8 |

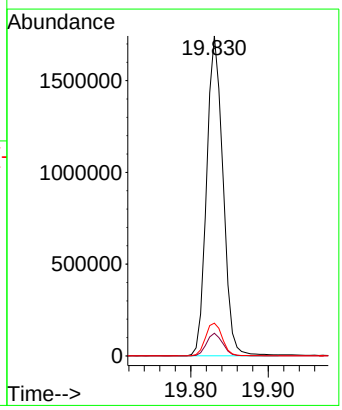


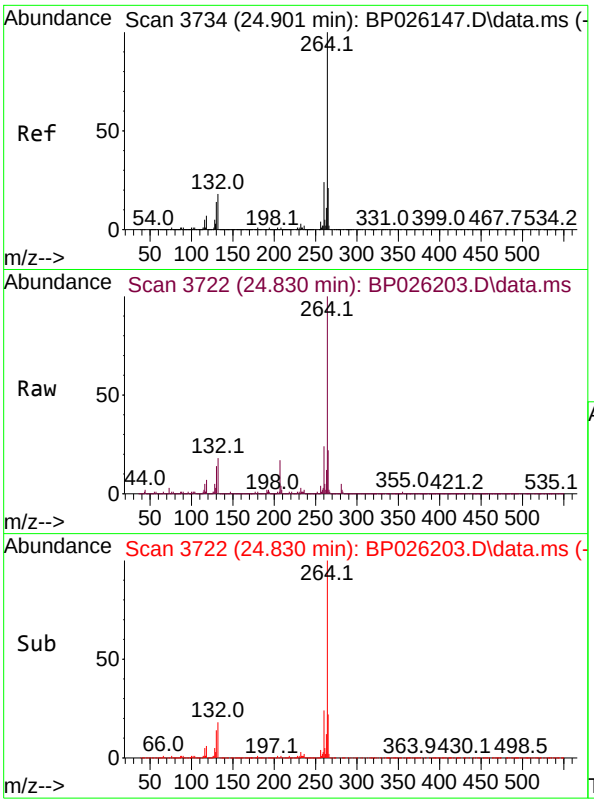




#79
Terphenyl-d14
Concen: 44.300 ng
RT: 19.830 min Scan# 2872
Delta R.T. -0.041 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:244 Resp: 2558988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.8 | 8.8 |
| 122 | 10.2 | 8.2 | 12.2 |



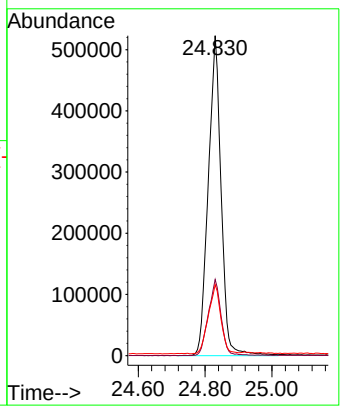



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3
Delta R.T. -0.076 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Tgt Ion:264 Resp: 1392134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.7 | 28.1 |
| 265 | 22.2 | 17.5 | 26.3 |



Sample Results: **BP026203.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026203.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.825 | 315 | 321 | 331 | rBV | 541732 | 777349 | 11.42% | 1.929% |
| 2 | 5.278 | 392 | 398 | 417 | rBV | 2139780 | 3156894 | 46.36% | 7.835% |
| 3 | 6.837 | 655 | 663 | 675 | rBV | 1913647 | 3099526 | 45.52% | 7.692% |
| 4 | 7.660 | 795 | 803 | 810 | rBV | 755037 | 1235670 | 18.15% | 3.067% |
| 5 | 8.790 | 987 | 995 | 1010 | rBV | 1042131 | 1999125 | 29.36% | 4.961% |
| 6 | 10.425 | 1260 | 1273 | 1287 | rBV | 890843 | 1635672 | 24.02% | 4.059% |
| 7 | 12.890 | 1685 | 1692 | 1709 | rBV | 2909757 | 4405914 | 64.70% | 10.935% |
| 8 | 14.284 | 1921 | 1929 | 1938 | rBV | 1296329 | 2003819 | 29.43% | 4.973% |
| 9 | 15.136 | 2066 | 2074 | 2079 | rBV | 228621 | 320192 | 4.70% | 0.795% |
| 10 | 15.672 | 2157 | 2165 | 2175 | rBV | 268330 | 470309 | 6.91% | 1.167% |
| 11 | 15.807 | 2180 | 2188 | 2199 | rBV | 2177495 | 3309033 | 48.59% | 8.212% |
| 12 | 16.648 | 2326 | 2331 | 2339 | rVB3 | 36678 | 70937 | 1.04% | 0.176% |
| 13 | 17.101 | 2400 | 2408 | 2413 | rBV | 1384832 | 2297183 | 33.73% | 5.701% |
| 14 | 17.142 | 2413 | 2415 | 2421 | rVB | 95179 | 132485 | 1.95% | 0.329% |
| 15 | 18.048 | 2564 | 2569 | 2576 | rBV2 | 281367 | 444445 | 6.53% | 1.103% |
| 16 | 19.230 | 2765 | 2770 | 2777 | rBV | 269502 | 400101 | 5.88% | 0.993% |
| 17 | 19.383 | 2792 | 2796 | 2802 | rBV3 | 85519 | 123726 | 1.82% | 0.307% |
| 18 | 19.607 | 2826 | 2834 | 2842 | rBV | 251534 | 428309 | 6.29% | 1.063% |
| 19 | 19.830 | 2866 | 2872 | 2885 | rBV | 4595100 | 6809681 | 100.00% | 16.900% |
| 20 | 21.224 | 3105 | 3109 | 3120 | rVB5 | 216024 | 460671 | 6.76% | 1.143% |
| 21 | 21.536 | 3156 | 3162 | 3168 | rBV | 1999351 | 3256202 | 47.82% | 8.081% |
| 22 | 24.830 | 3713 | 3722 | 3736 | rBV | 1365190 | 3456057 | 50.75% | 8.577% |

Sum of corrected areas: 40293300

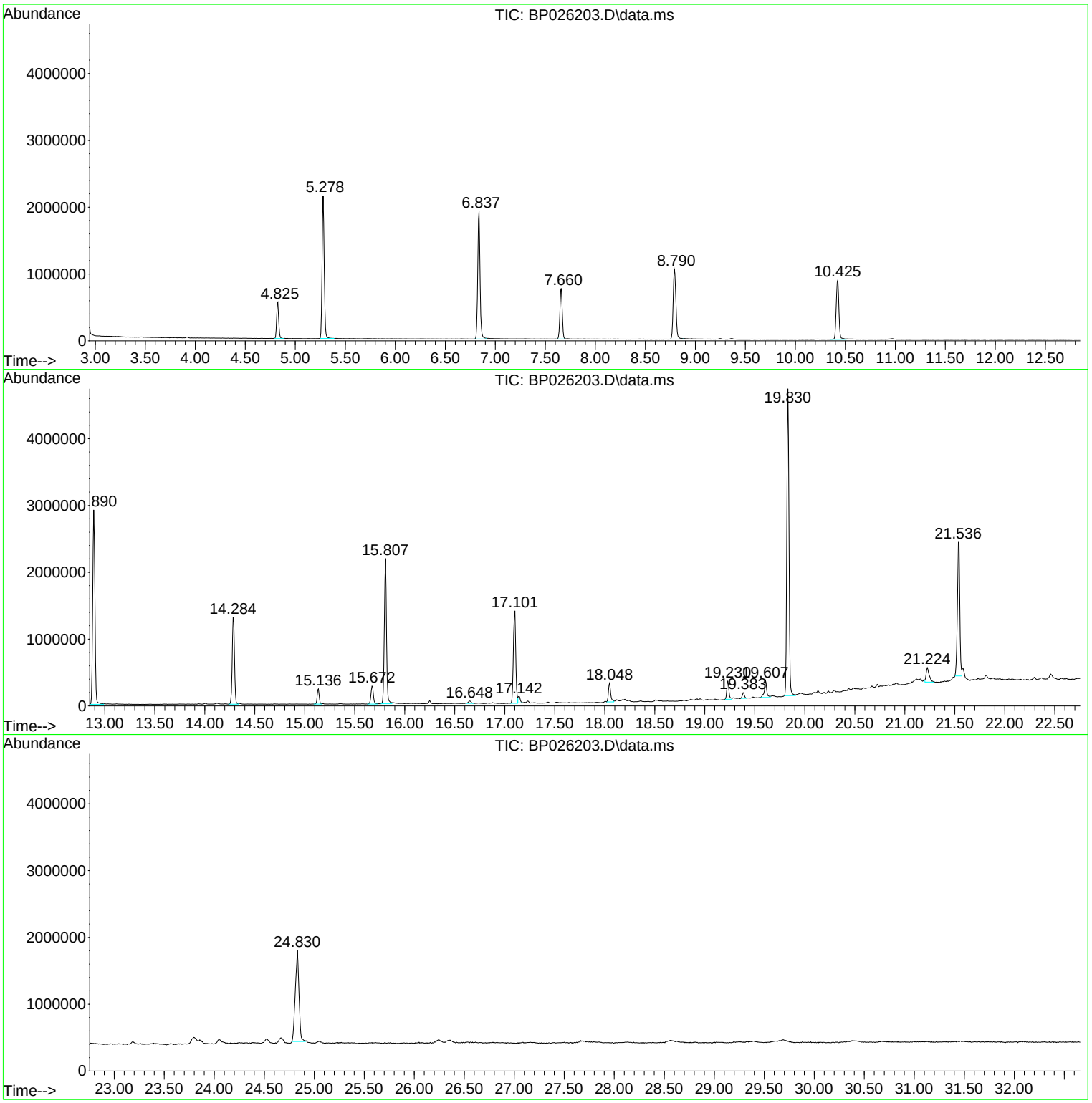
Sample Results: **BP026203.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

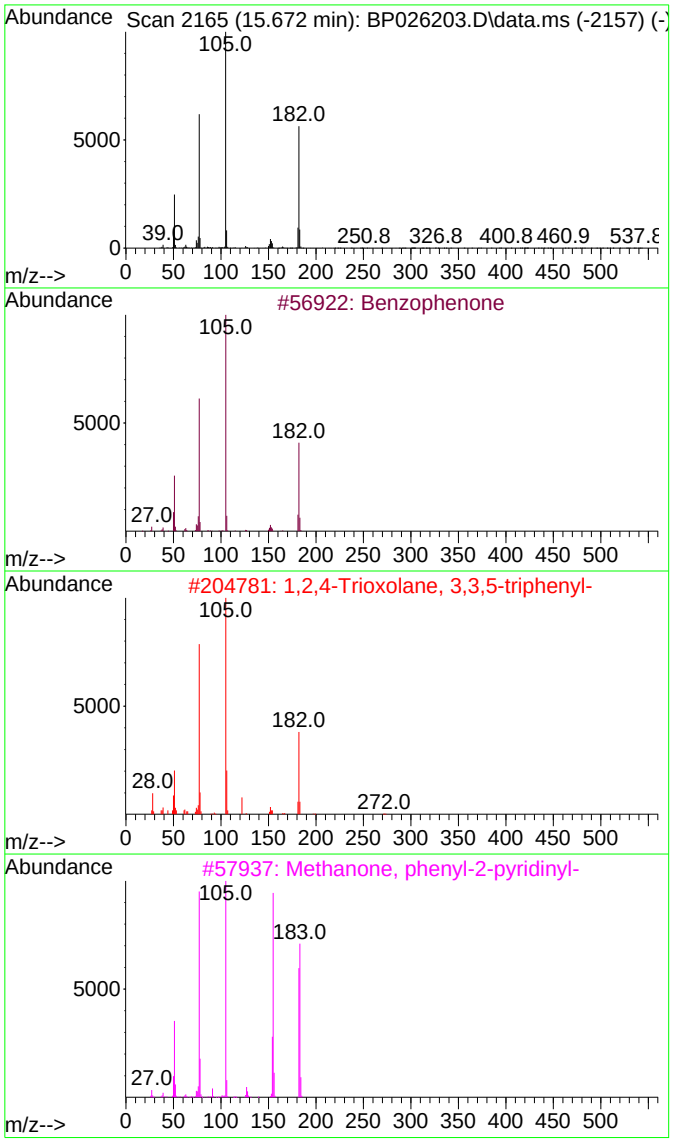
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

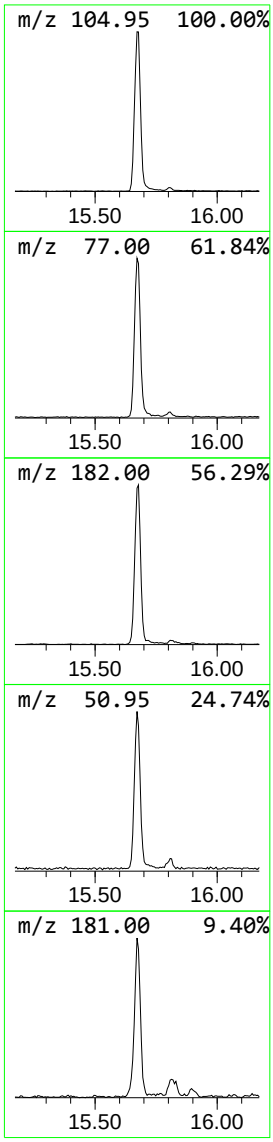
**********

Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.672 | 4.69 ng | 470309 | Acenaphthene-d10 | 14.284 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | 1,2,4-Trioxolane, 3,3,5-triphenyl- | 304 | C20H16O3 | 023246-12-0 | 45 |
| 3 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 45 |
| 4 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 42 |
| 5 | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

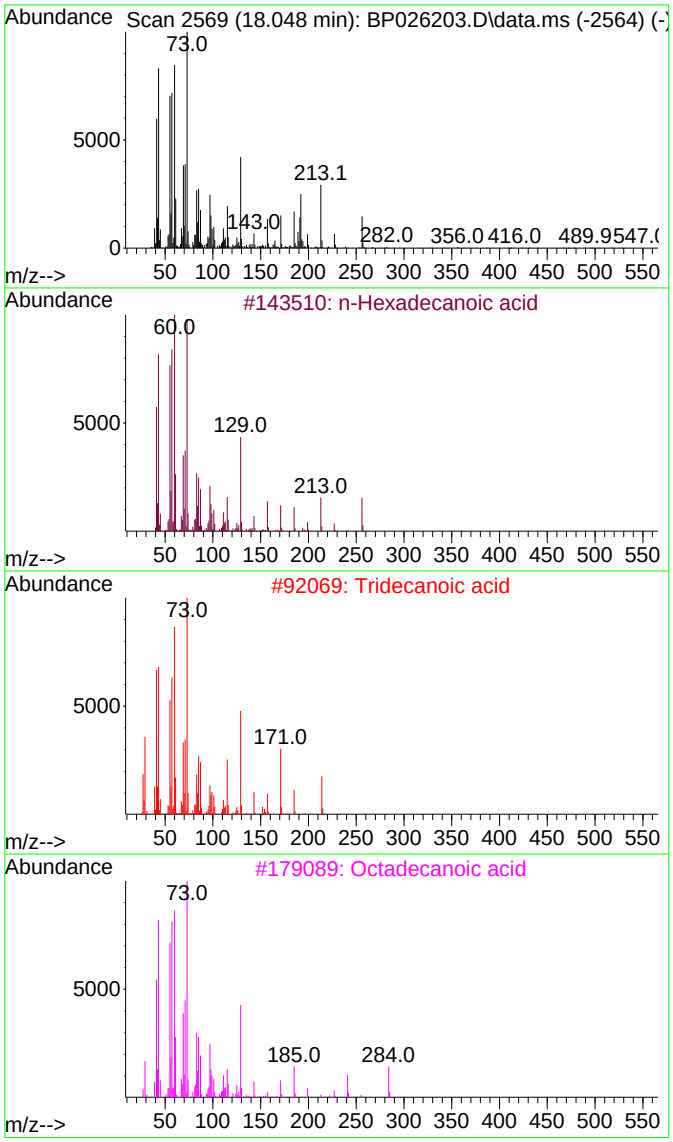
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

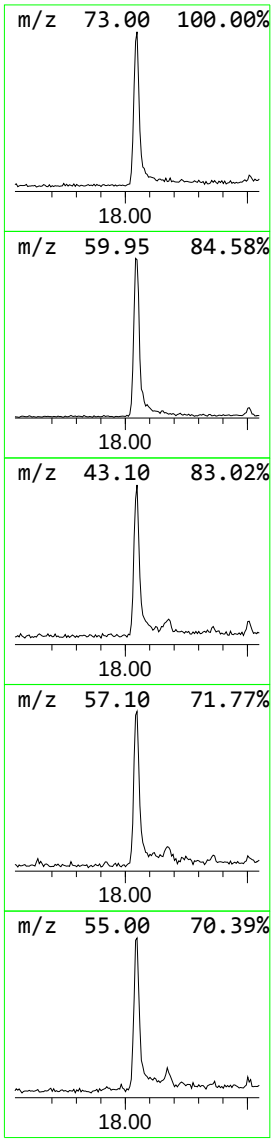
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.048 | 3.87 ng | 444445 | Phenanthrene-d10 | 17.101 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 90 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

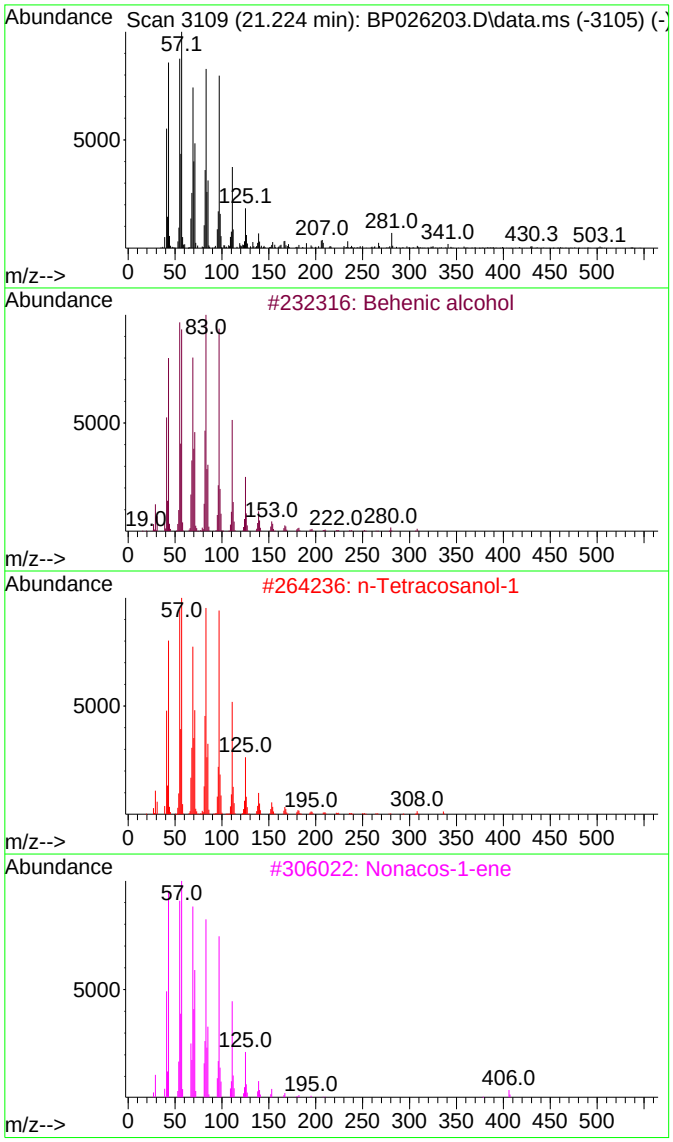
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

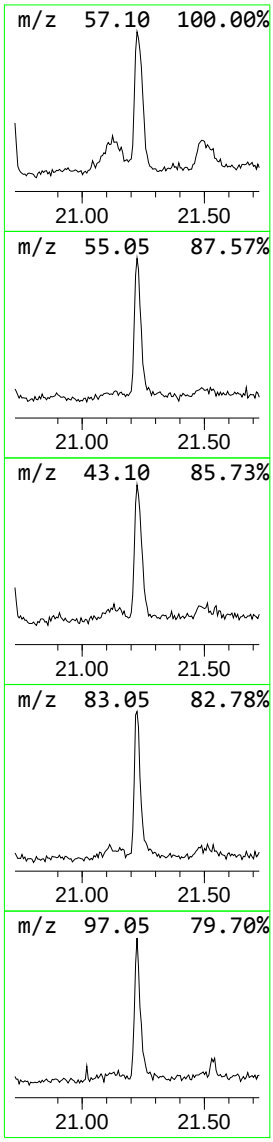
**********

Peak Number 4 Behenic alcohol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.224 | 2.83 ng | 460671 | Chrysene-d12 | 21.542 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 3 | Nonacos-1-ene | 406 | C29H58 | 018835-35-3 | 94 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 5 | Heptacos-1-ene | 378 | C27H54 | 015306-27-1 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026203.D
Acq On : 01 Dec 2025 19:21
Operator : RC/JU
Sample : Q3719-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 15.672 | 4.7 | ng | 470309 | 3 | 14.284 | 2003820 | 20.0 |
| n-Hexadecanoic ... | 18.048 | 3.9 | ng | 444445 | 4 | 17.101 | 2297180 | 20.0 |
| Behenic alcohol | 21.224 | 2.8 | ng | 460671 | 5 | 21.542 | 3256200 | 20.0 |

Raw Data: **BF144388.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-16A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-11 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 88 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 180 | U | 1 | 180 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 108-95-2 | Phenol | 25.1 | U | 1 | 25.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 27.5 | U | 1 | 27.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 27.7 | U | 1 | 27.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 95-48-7 | 2-Methylphenol | 33.9 | U | 1 | 33.9 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 42.5 | U | 1 | 42.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 98-86-2 | Acetophenone | 33.4 | U | 1 | 33.4 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 46.6 | U | 1 | 46.6 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 53.7 | U | 1 | 53.7 | 90.7 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 67-72-1 | Hexachloroethane | 20.0 | U | 1 | 20.0 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 98-95-3 | Nitrobenzene | 20.7 | U | 1 | 20.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 78-59-1 | Isophorone | 37.2 | U | 1 | 37.2 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 66.0 | U | 1 | 66.0 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 73.5 | U | 1 | 73.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 34.9 | U | 1 | 34.9 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 32.1 | U | 1 | 32.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 91-20-3 | Naphthalene | 25.7 | U | 1 | 25.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 40.1 | U | 1 | 40.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 28.7 | U | 1 | 28.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 105-60-2 | Caprolactam | 59.1 | U | 1 | 59.1 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 32.5 | U | 1 | 32.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 29.0 | U | 1 | 29.0 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.4 | U | 1 | 22.4 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 33.0 | U | 1 | 33.0 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 24.7 | U | 1 | 24.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 25.5 | U | 1 | 25.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 54.5 | U | 1 | 54.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 131-11-3 | Dimethylphthalate | 30.7 | U | 1 | 30.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 208-96-8 | Acenaphthylene | 32.8 | U | 1 | 32.8 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 38.1 | U | 1 | 38.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 52.2 | U | 1 | 52.2 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 83-32-9 | Acenaphthene | 24.1 | U | 1 | 24.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 132-64-9 | Dibenzofuran | 25.7 | U | 1 | 25.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 56.8 | U | 1 | 56.8 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 84-66-2 | Diethylphthalate | 32.1 | U | 1 | 32.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30.3 | U | 1 | 30.3 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 86-73-7 | Fluorene | 28.7 | U | 1 | 28.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 72.8 | U | 1 | 72.8 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |

Raw Data: **BF144388.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-16A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-11 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 88 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 37.3 | U | 1 | 37.3 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 31.5 | U | 1 | 31.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 28.7 | U | 1 | 28.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 1912-24-9 | Atrazine | 38.5 | U | 1 | 38.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 87-86-5 | Pentachlorophenol | 58.2 | U | 1 | 58.2 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 85-01-8 | Phenanthrene | 220 | | 1 | 23.7 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 120-12-7 | Anthracene | 37.8 | U | 1 | 37.8 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 86-74-8 | Carbazole | 35.4 | U | 1 | 35.4 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 54.3 | U | 1 | 54.3 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 206-44-0 | Fluoranthene | 410 | | 1 | 34.0 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 129-00-0 | Pyrene | 260 | | 1 | 40.8 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 80.9 | U | 1 | 80.9 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 41.6 | U | 1 | 41.6 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 190 | | 1 | 26.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 218-01-9 | Chrysene | 170 | J | 1 | 22.6 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 110 | J | 1 | 67.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 98.4 | U | 1 | 98.4 | 370 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 250 | | 1 | 21.5 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 75.8 | J | 1 | 25.4 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 190 | | 1 | 33.4 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 33.0 | U | 1 | 33.0 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 31.1 | U | 1 | 31.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 29.1 | U | 1 | 29.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 29.0 | U | 1 | 29.0 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 51.2 | U | 1 | 51.2 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 31.1 | U | 1 | 31.1 | 190 | ug/Kg | 12/01/25 15:45 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 91.7 | | | 10 - 105 | 61% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 88.5 | | | 10 - 103 | 59% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 62.8 | | | 10 - 108 | 63% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 59.6 | | | 10 - 108 | 60% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 74.7 | | | 10 - 116 | 50% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 41.8 | | | 10 - 109 | 42% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47900 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 176000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 87200 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 137000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 130000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 155000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000930-60-9 | 4-Cyclopentene-1,3-dione | 930 | J | | | 5.58 | ug/Kg | | |
| 000119-61-9 | Benzophenone | 270 | J | | | 10.6 | ug/Kg | | |

Raw Data: **BF144388.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-16A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-11 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 88 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000057-10-3 | n-Hexadecanoic acid | 700 | J | | | 11.9 | ug/Kg | | |
| 000057-11-4 | Octadecanoic acid | 160 | J | | | 12.7 | ug/Kg | | |
| 1000383-11-5 | Carbonic acid, octadecyl prop-1-en | 210 | J | | | 13.9 | ug/Kg | | |
| 000629-92-5 | Nonadecane | 120 | J | | | 14.5 | ug/Kg | | |
| 000192-97-2 | Benzo[e]pyrene | 140 | J | | | 15.4 | ug/Kg | | |
| 000629-78-7 | Heptadecane | 120 | J | | | 16.0 | 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

Quantitation Report (LSC Reviewed)

Sample Results: **BF144388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 47886 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 176365 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 87150 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 137127 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.045 | 240 | 130274 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 154506 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 280528 | 91.674 | ng | | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 306713 | 88.459 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 191621 | 62.751 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 81698 | 74.703 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 351776 | 59.616 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 342831 | 41.801 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 38898 | 5.697 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 76723 | 10.879 | ng | | 98 |
| 78) Pyrene | 12.839 | 202 | 71799 | 6.835 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 45679 | 5.059 | ng | | 97 |
| 83) Chrysene | 14.068 | 228 | 37385m | 4.485 | ng | | |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 14718 | 2.953 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 57412m | 6.536 | ng | | |
| 89) Benzo(k)fluoranthene | 15.110 | 252 | 16485m | 2.005 | ng | | |
| 90) Benzo(a)pyrene | 15.463 | 252 | 40123 | 4.951 | ng | # | 93 |

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

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Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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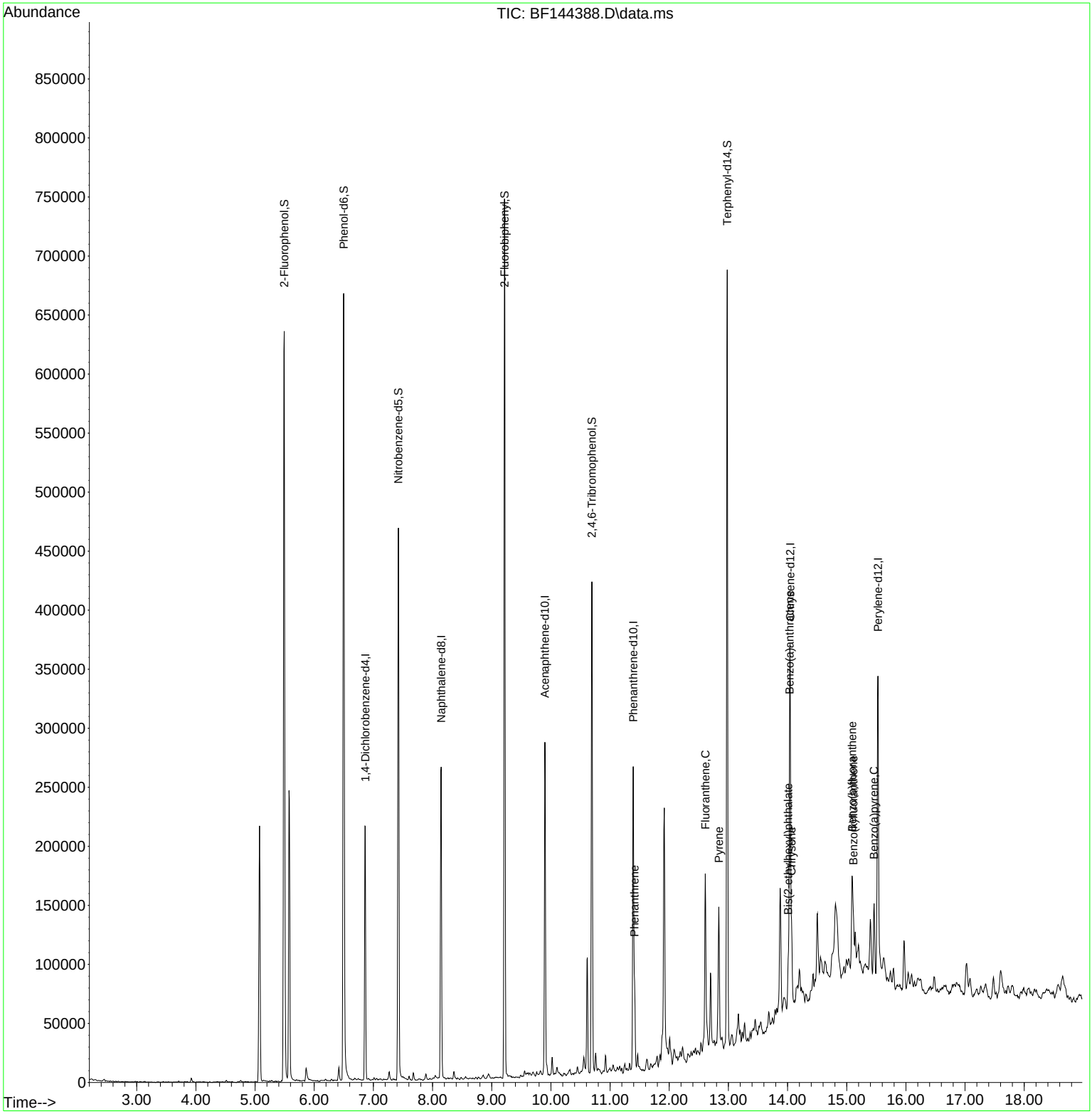
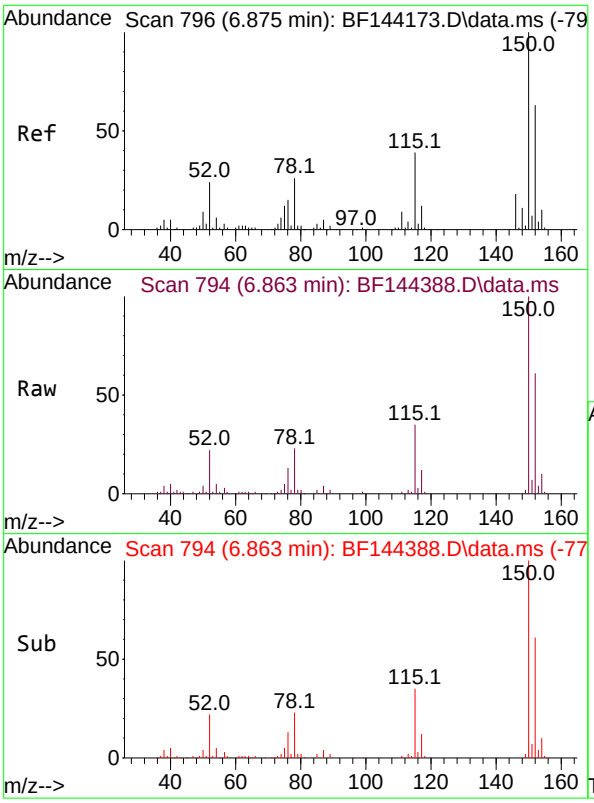
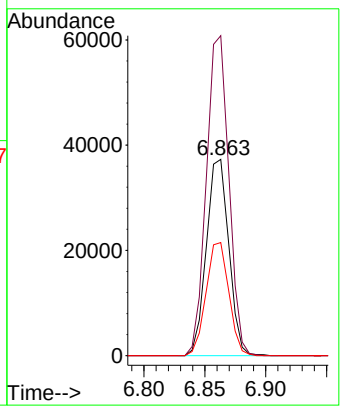





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:152 Resp: 4788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.1 | 127.4 | 191.0 |
| 115 | 57.6 | 49.5 | 74.3 |

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**ClientSampleId :**
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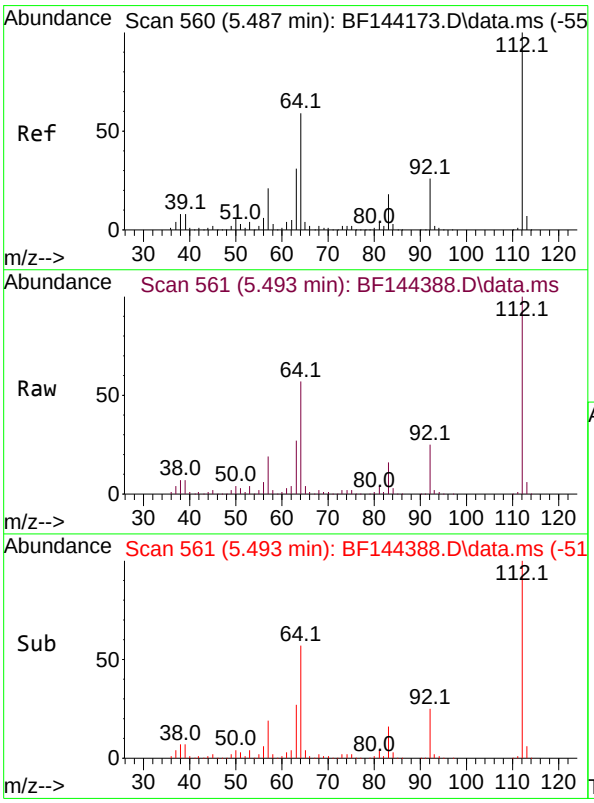
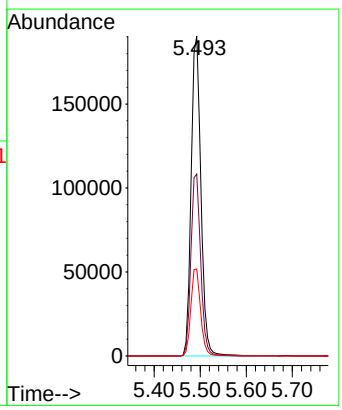
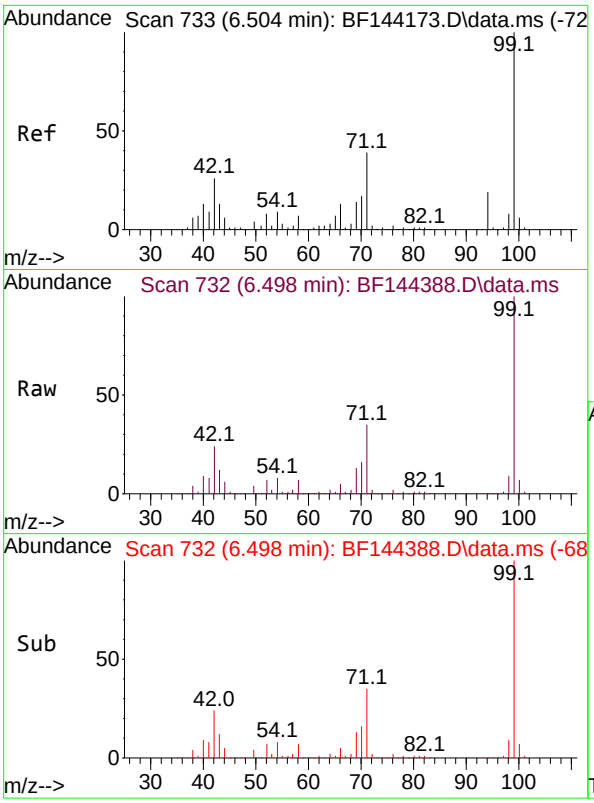



#5
2-Fluorophenol
Concen: 91.674 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:112 Resp: 280528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.8 | 47.2 | 70.8 |
| 63 | 27.2 | 24.4 | 36.6 |

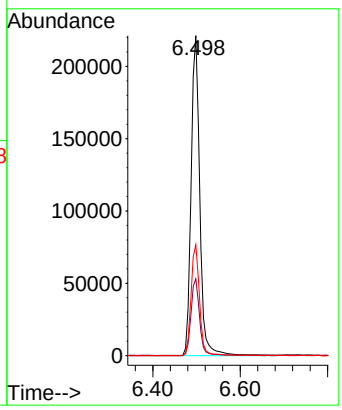





#7
Phenol-d6
Concen: 88.459 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion: 99 Resp: 30671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.0 | 20.9 | 31.3 |
| 71 | 34.6 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

**Manual Integrations**
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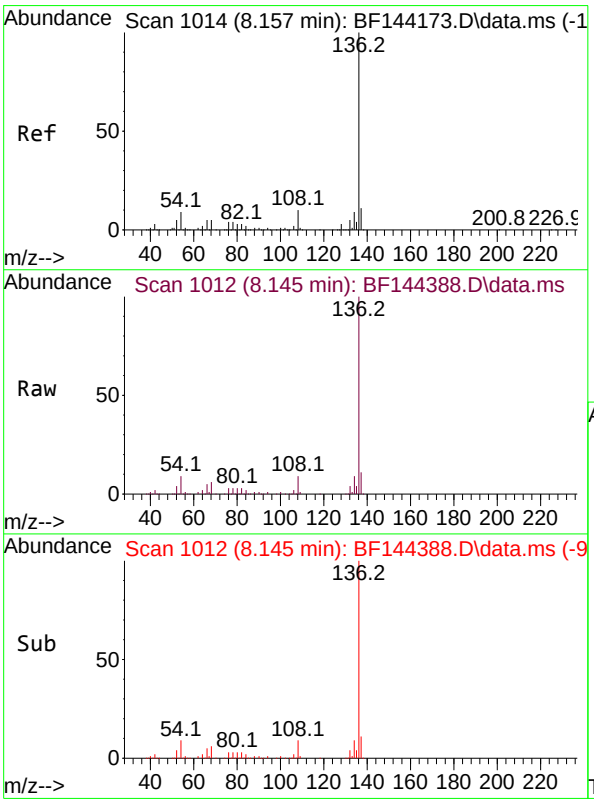
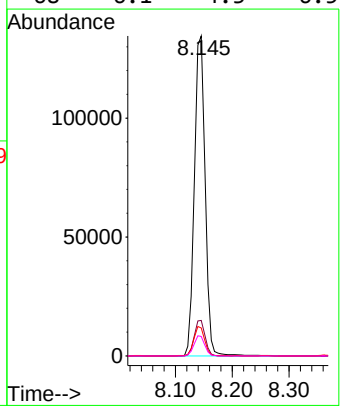
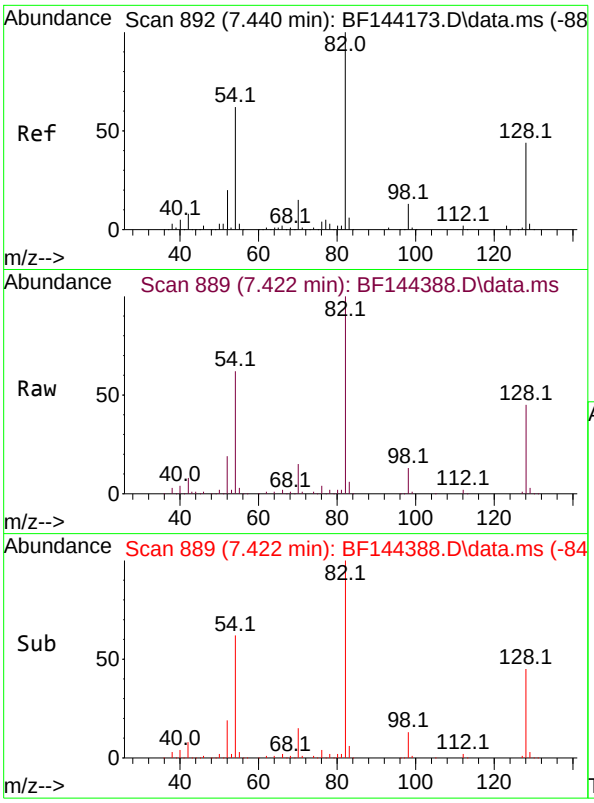



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:136 Resp: 176365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.6 | 13.0 |
| 54 | 8.7 | 7.0 | 10.6 |
| 68 | 6.1 | 4.3 | 6.5 |

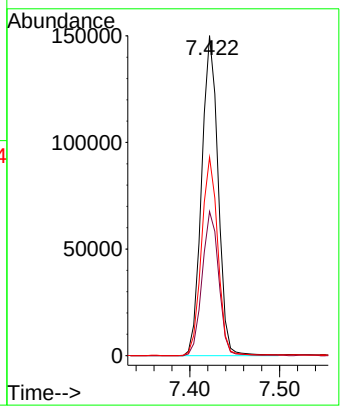





#23
Nitrobenzene-d5
Concen: 62.751 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion: 82 Resp: 19162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.0 | 34.7 | 52.1 |
| 54 | 62.0 | 49.5 | 74.3 |

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**ClientSampleId :**
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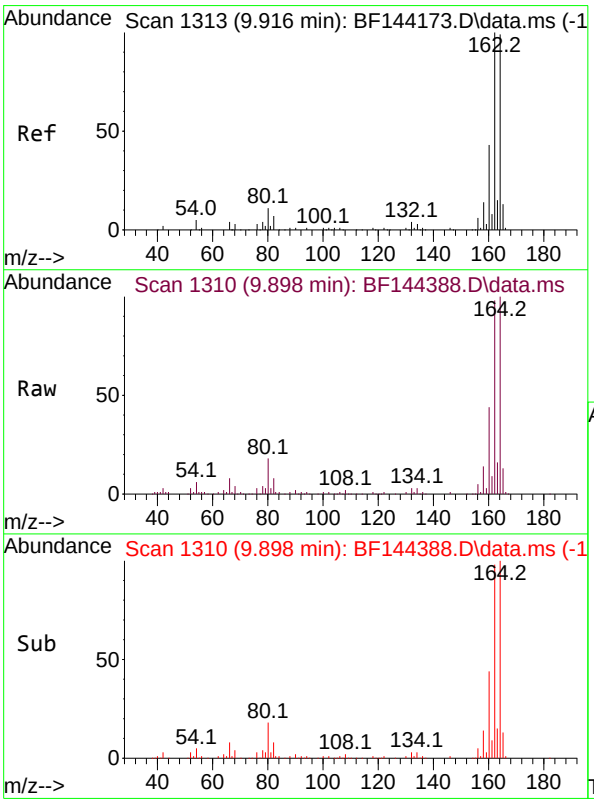
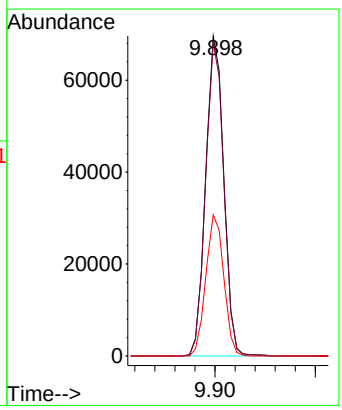
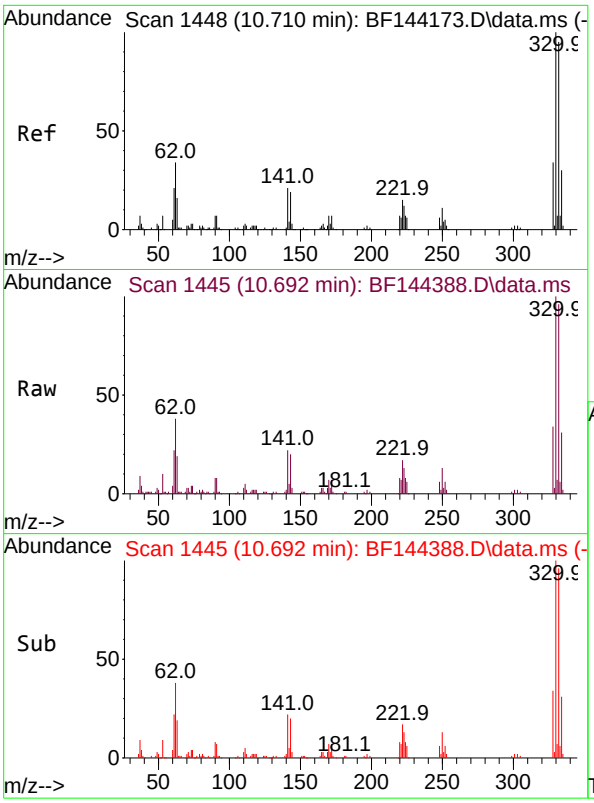



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:164 Resp: 87150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.8 | 81.1 | 121.7 |
| 160 | 44.1 | 34.5 | 51.7 |






#42
2,4,6-Tribromophenol
Concen: 74.703 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:330 Resp: 8169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 76.7 | 115.1 |
| 141 | 21.6 | 17.8 | 26.8 |

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BNA_F
**ClientSampleId :**
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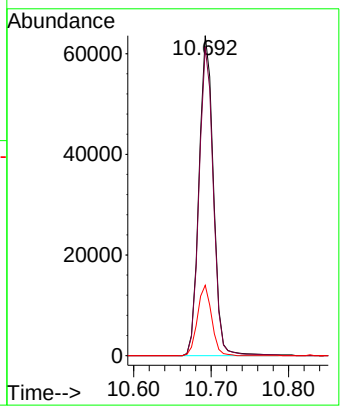
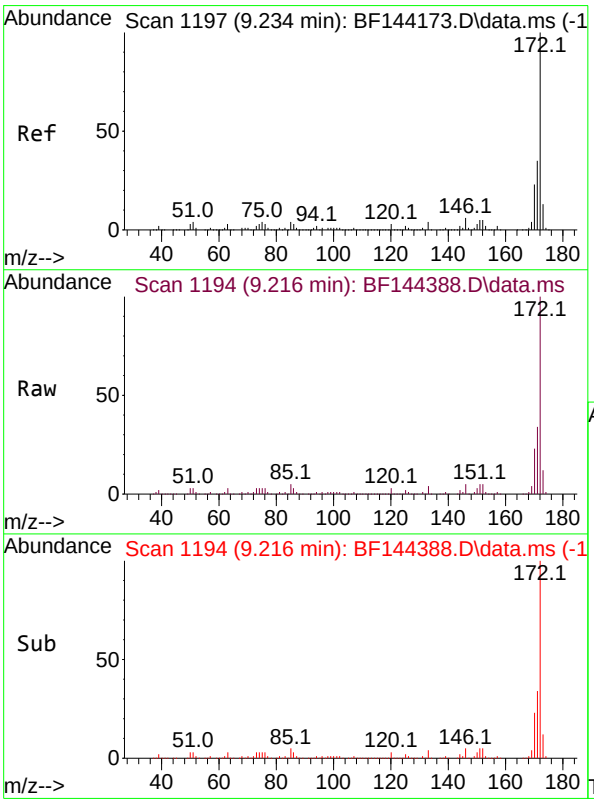
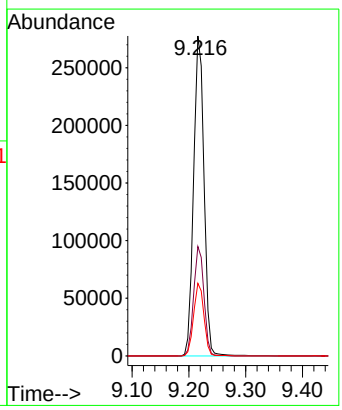


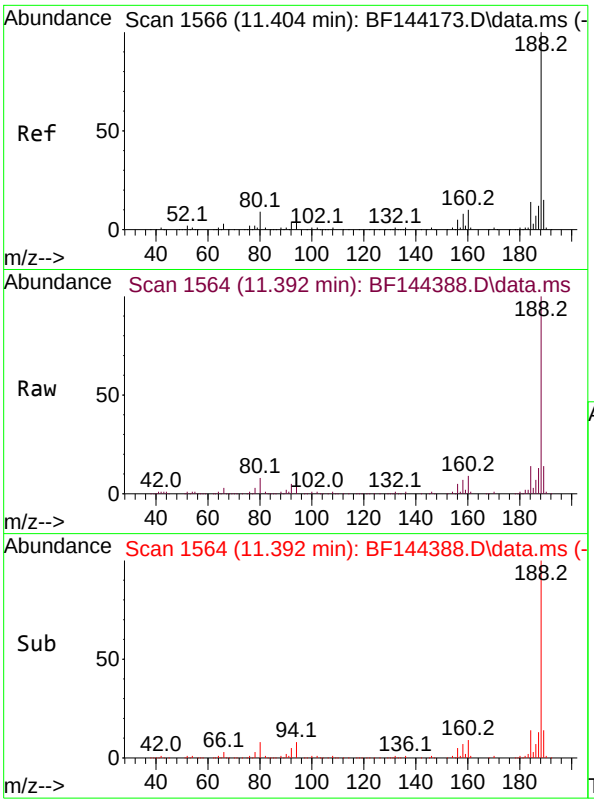




#45
2-Fluorobiphenyl
Concen: 59.616 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:172 Resp: 351776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 28.1 | 42.1 |
| 170 | 22.7 | 18.6 | 28.0 |

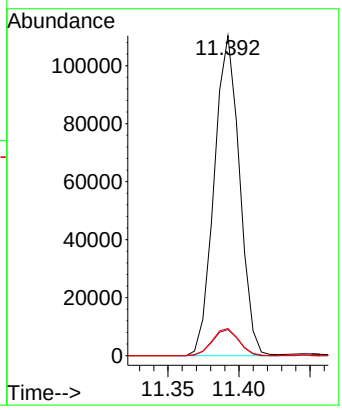





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:188 Resp: 13712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 6.2 | 9.2 |
| 80 | 8.5 | 6.9 | 10.3 |

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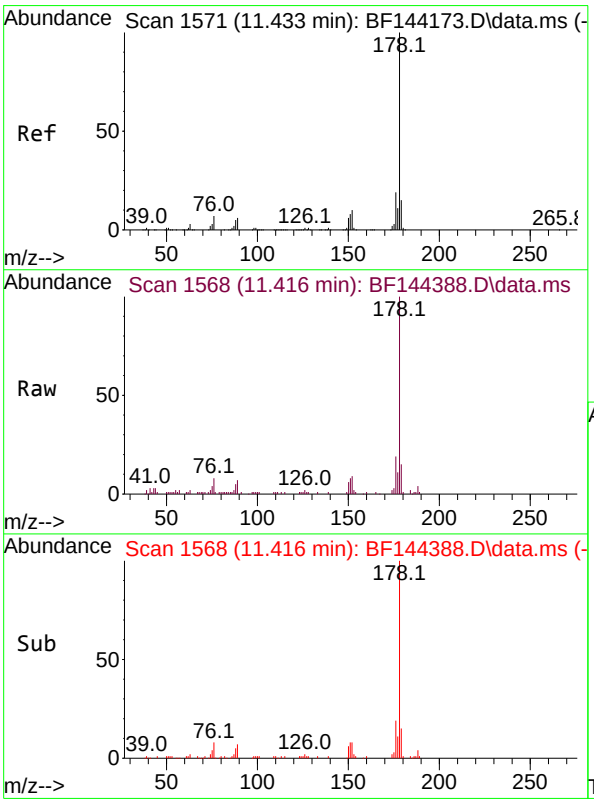
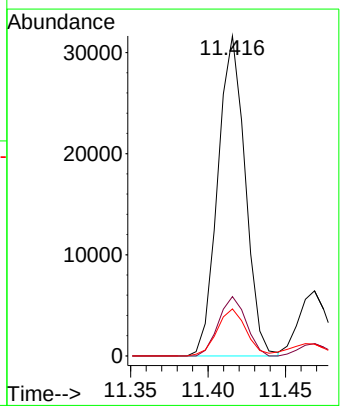
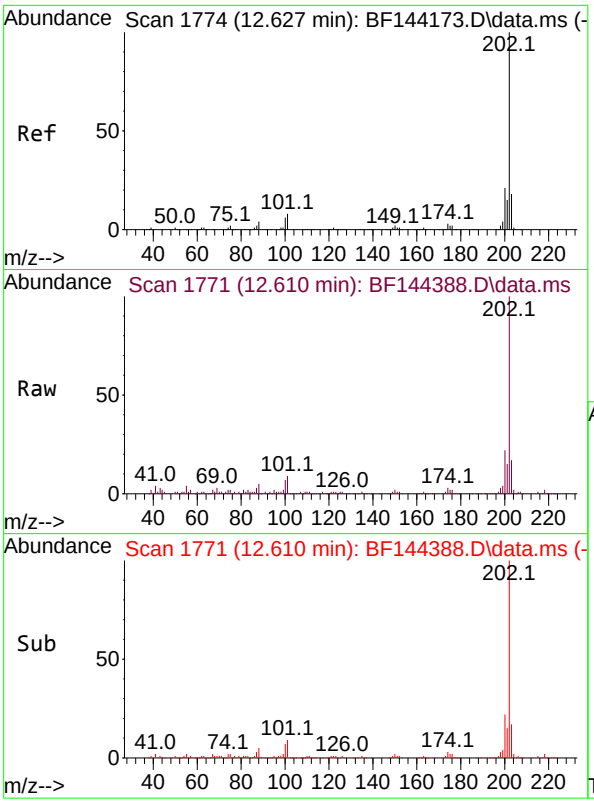



#71
Phenanthrene
Concen: 5.697 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:178 Resp: 38898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.5 | 23.3 |
| 179 | 14.7 | 12.2 | 18.4 |

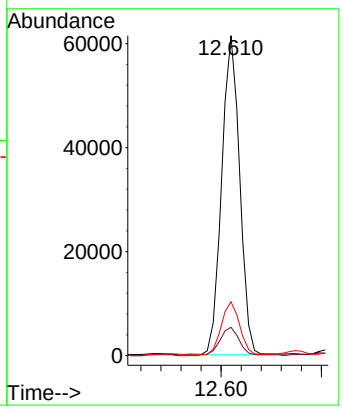





#75
Fluoranthene
Concen: 10.879 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:202 Resp: 7672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.9 | 0.0 | 27.9 |
| 203 | 16.8 | 0.0 | 37.5 |

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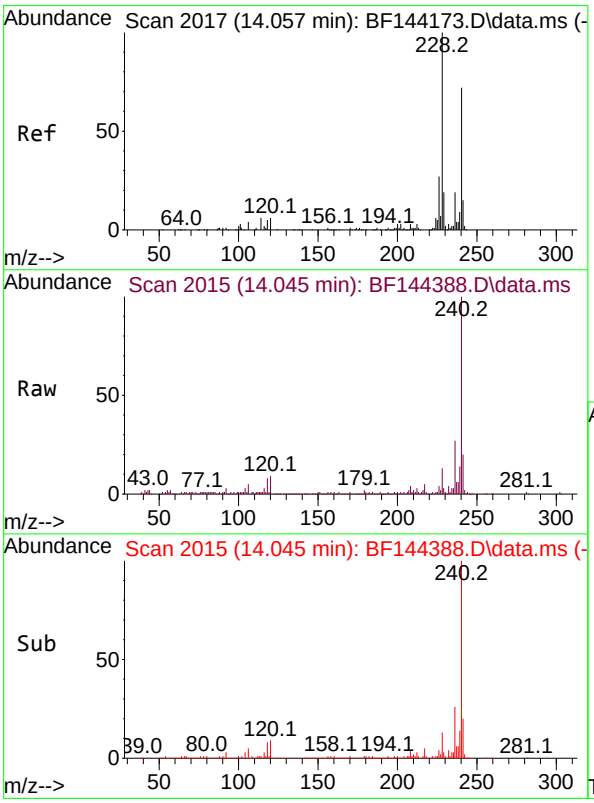
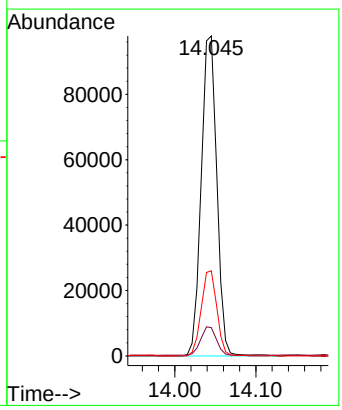
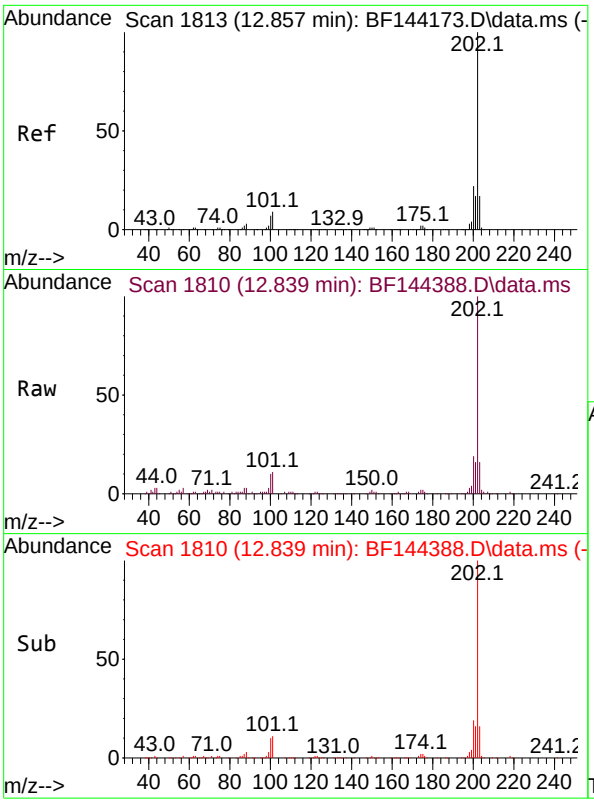



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:240 Resp: 130274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.8 | 6.6 | 10.0 |
| 236 | 26.6 | 21.4 | 32.2 |

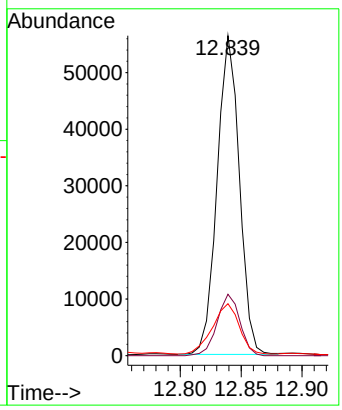





#78
Pyrene
Concen: 6.835 ng
RT: 12.839 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:202 Resp: 71799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.2 | 17.2 | 25.8 |
| 203 | 16.2 | 13.7 | 20.5 |

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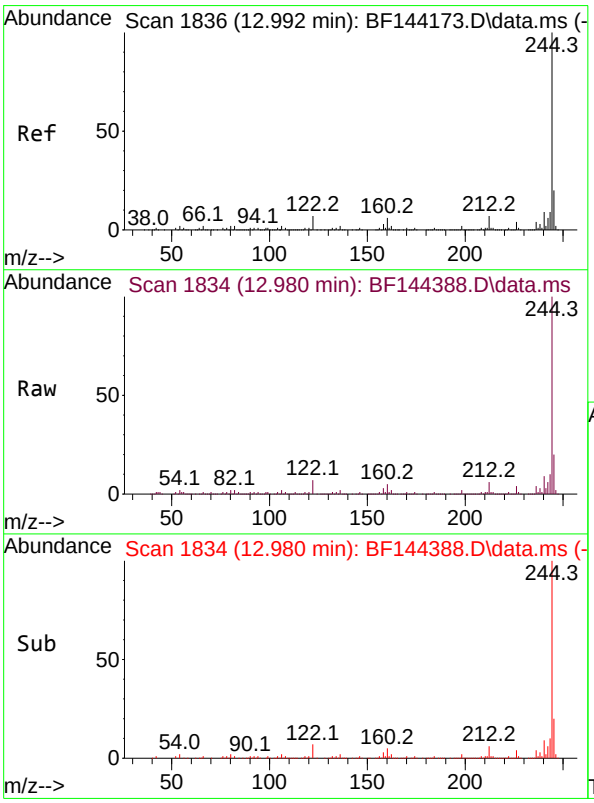
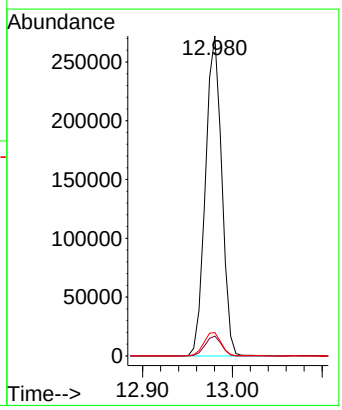
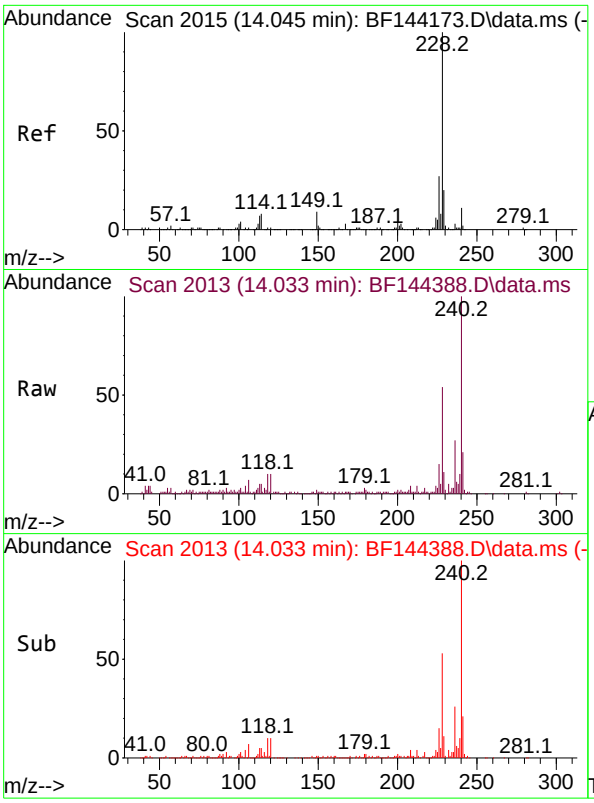



#79
Terphenyl-d14
Concen: 41.801 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:244 Resp: 342831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.3 | 7.9 |
| 122 | 7.3 | 5.6 | 8.4 |

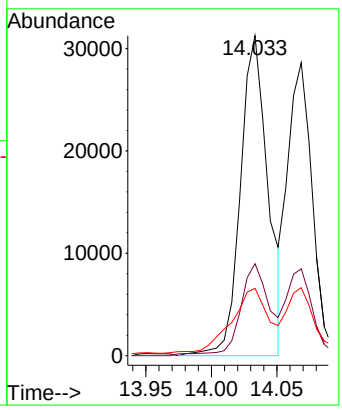





#81
Benzo(a)anthracene
Concen: 5.059 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:228 Resp: 4567

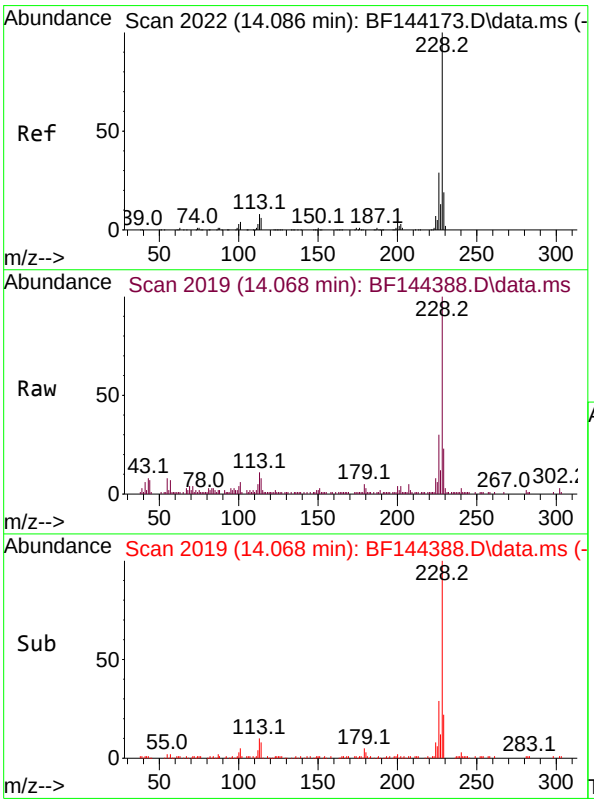
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.7 | 21.8 | 32.8 |
| 229 | 21.0 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

**Manual Integrations**
**APPROVED**

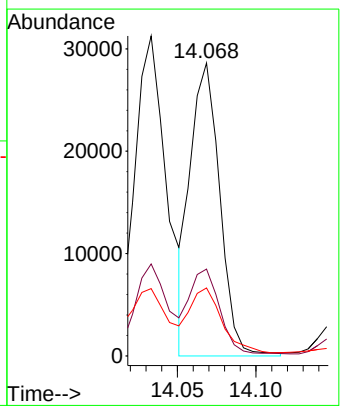
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

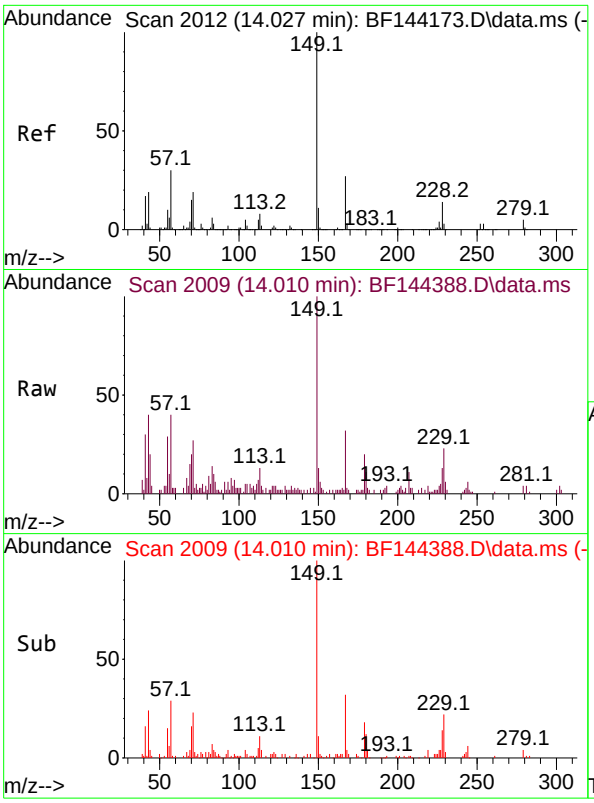



#83
Chrysene
Concen: 4.485 ng m
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:228 Resp: 37385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 22.9 | 34.3 |
| 229 | 23.2 | 15.0 | 22.6# |






#84
Bis(2-ethylhexyl)phthalate
Concen: 2.953 ng
RT: 14.010 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

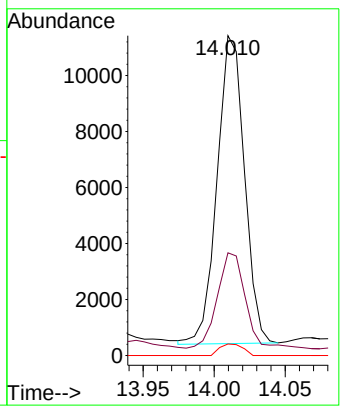
Tgt Ion:149 Resp: 1471

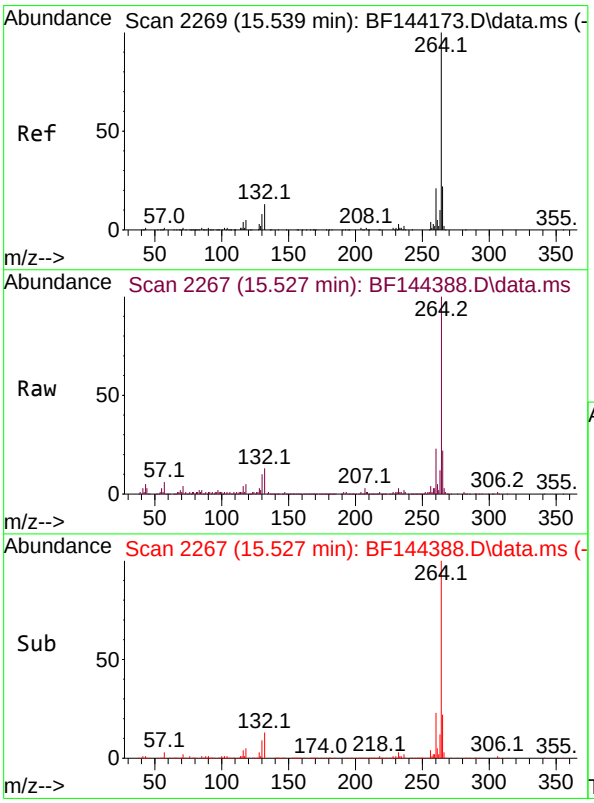
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 32.1 | 21.8 | 32.8 |
| 279 | 3.6 | 3.7 | 5.5# |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

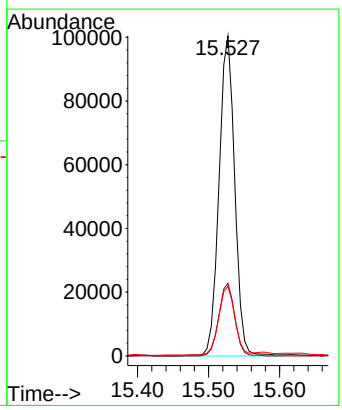


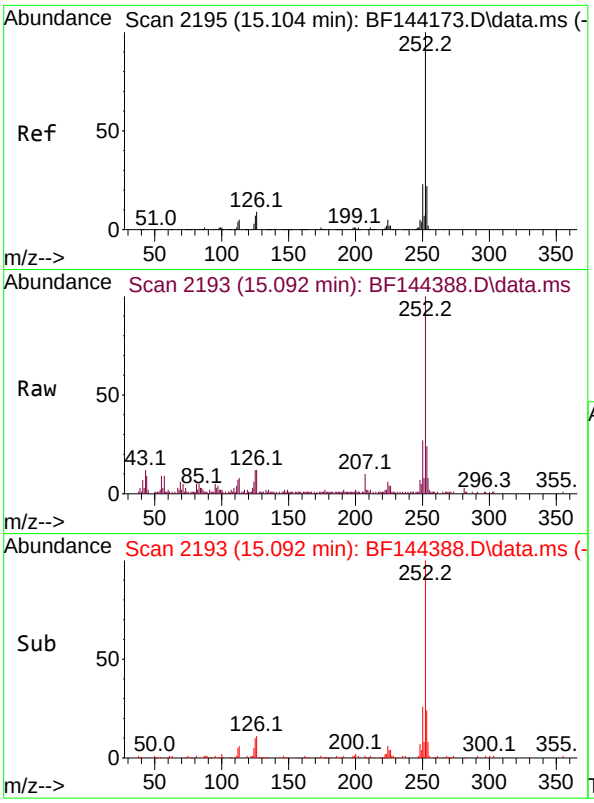




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:264 Resp: 154506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 17.1 | 25.7 |
| 265 | 21.7 | 17.4 | 26.0 |






#88
Benzo(b)fluoranthene
Concen: 6.536 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

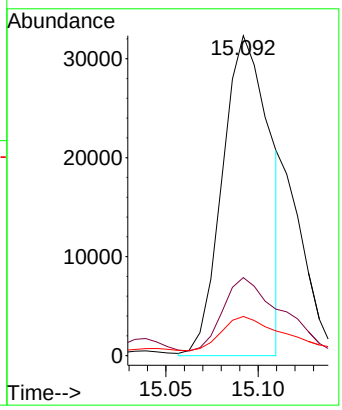
Tgt Ion:252 Resp: 5741

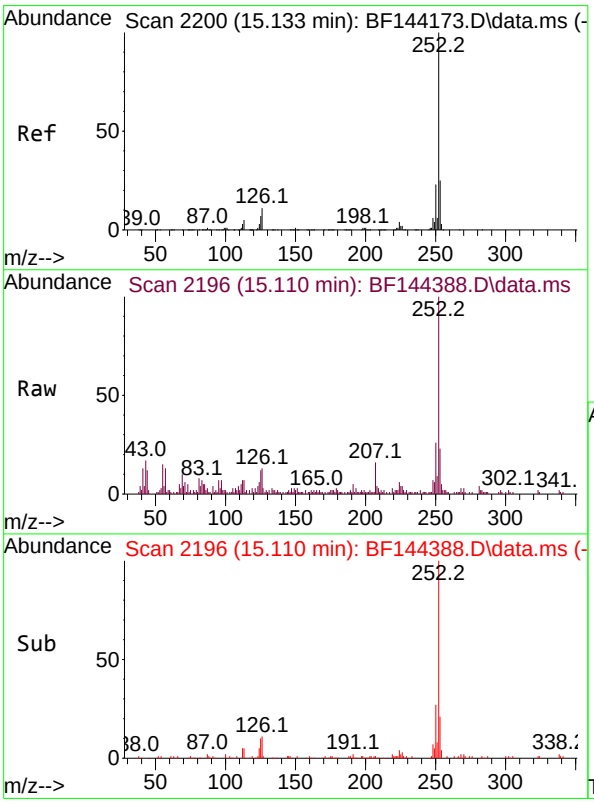
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 17.4 | 26.2 |
| 125 | 12.2 | 5.3 | 7.9# |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

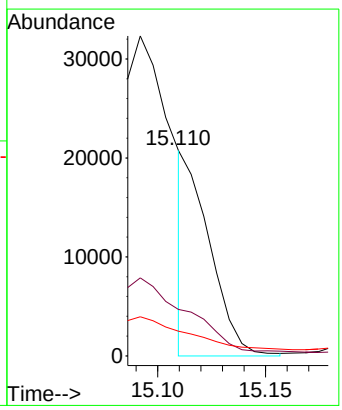


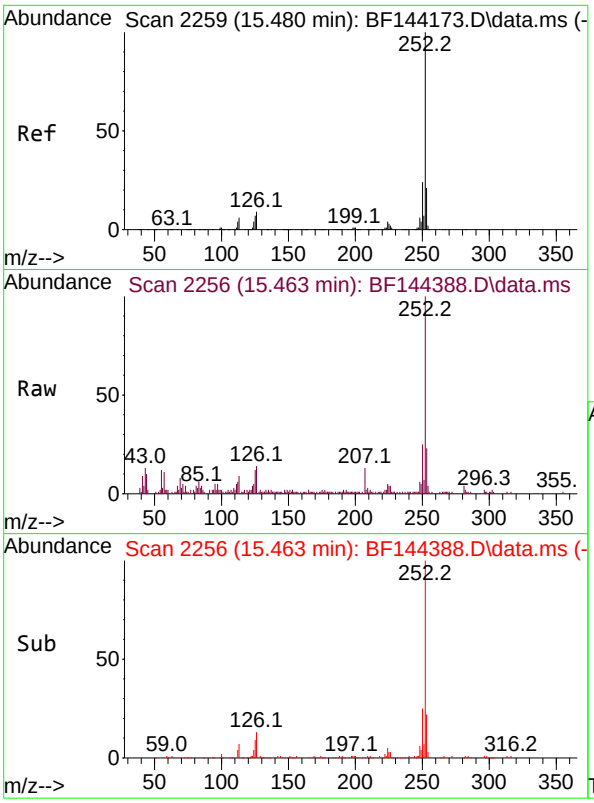




#89
Benzo(k)fluoranthene
Concen: 2.005 ng m
RT: 15.110 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:252 Resp: 16485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.0 | 27.0 |
| 125 | 12.0 | 5.4 | 8.2# |

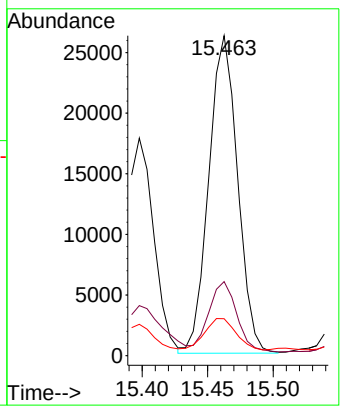





#90
Benzo(a)pyrene
Concen: 4.951 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144388.D
Acq: 01 Dec 2025 15:45

Tgt Ion:252 Resp: 4012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 16.7 | 25.1 |
| 125 | 11.5 | 5.7 | 8.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Sample Results: **BF144388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144388.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 499 | rBV | 217032 | 310639 | 33.28% | 3.143% |
| 2 | 5.493 | 555 | 561 | 570 | rBV | 634753 | 927994 | 99.43% | 9.389% |
| 3 | 5.575 | 570 | 575 | 593 | rVB | 245758 | 343121 | 36.76% | 3.472% |
| 4 | 5.863 | 620 | 624 | 632 | rBV2 | 10919 | 20672 | 2.21% | 0.209% |
| 5 | 6.416 | 714 | 718 | 724 | rBV | 10798 | 14270 | 1.53% | 0.144% |
| 6 | 6.498 | 726 | 732 | 751 | rVV | 666093 | 912900 | 97.82% | 9.237% |
| 7 | 6.857 | 788 | 793 | 799 | rBV | 215125 | 279029 | 29.90% | 2.823% |
| 8 | 7.269 | 855 | 863 | 870 | rVB2 | 7114 | 12170 | 1.30% | 0.123% |
| 9 | 7.422 | 883 | 889 | 900 | rBV | 467742 | 602101 | 64.51% | 6.092% |
| 10 | 8.145 | 1006 | 1012 | 1021 | rVB | 263358 | 346866 | 37.17% | 3.510% |
| 11 | 8.363 | 1044 | 1049 | 1057 | rVB3 | 6266 | 9889 | 1.06% | 0.100% |
| 12 | 9.216 | 1189 | 1194 | 1201 | rBV | 744980 | 933292 | 100.00% | 9.443% |
| 13 | 9.898 | 1303 | 1310 | 1315 | rBV | 281594 | 364472 | 39.05% | 3.688% |
| 14 | 10.022 | 1324 | 1331 | 1336 | rBV | 15540 | 21565 | 2.31% | 0.218% |
| 15 | 10.322 | 1372 | 1382 | 1387 | rBV | 4889 | 12700 | 1.36% | 0.128% |
| 16 | 10.557 | 1418 | 1422 | 1427 | rBV2 | 10470 | 15044 | 1.61% | 0.152% |
| 17 | 10.616 | 1427 | 1432 | 1439 | rVB | 97940 | 130428 | 13.98% | 1.320% |
| 18 | 10.692 | 1440 | 1445 | 1452 | rBV | 415581 | 528295 | 56.61% | 5.345% |
| 19 | 10.757 | 1452 | 1456 | 1461 | rBV | 15036 | 19099 | 2.05% | 0.193% |
| 20 | 10.922 | 1480 | 1484 | 1489 | rVB | 14330 | 18522 | 1.98% | 0.187% |
| 21 | 11.251 | 1535 | 1540 | 1544 | rBV8 | 7826 | 13899 | 1.49% | 0.141% |
| 22 | 11.392 | 1559 | 1564 | 1573 | rBV2 | 255513 | 407664 | 43.68% | 4.125% |
| 23 | 11.469 | 1573 | 1577 | 1580 | rVV | 10737 | 11778 | 1.26% | 0.119% |
| 24 | 11.622 | 1598 | 1603 | 1609 | rBV4 | 8883 | 16510 | 1.77% | 0.167% |
| 25 | 11.798 | 1630 | 1633 | 1636 | rVB4 | 8871 | 10561 | 1.13% | 0.107% |
| 26 | 11.845 | 1636 | 1641 | 1643 | rBV5 | 10162 | 15683 | 1.68% | 0.159% |
| 27 | 11.916 | 1643 | 1653 | 1661 | rVV3 | 216698 | 380094 | 40.73% | 3.846% |
| 28 | 12.010 | 1665 | 1669 | 1676 | rVB2 | 22362 | 43949 | 4.71% | 0.445% |
| 29 | 12.080 | 1676 | 1681 | 1688 | rBV8 | 12557 | 31774 | 3.40% | 0.321% |
| 30 | 12.227 | 1702 | 1706 | 1716 | rVB5 | 13083 | 27990 | 3.00% | 0.283% |
| 31 | 12.316 | 1718 | 1721 | 1726 | rBV6 | 6004 | 12147 | 1.30% | 0.123% |
| 32 | 12.533 | 1755 | 1758 | 1762 | rBV2 | 9895 | 14349 | 1.54% | 0.145% |
| 33 | 12.610 | 1762 | 1771 | 1780 | rVV | 151028 | 258153 | 27.66% | 2.612% |
| 34 | 12.698 | 1782 | 1786 | 1793 | rVV2 | 60008 | 85347 | 9.14% | 0.864% |
| 35 | 12.839 | 1804 | 1810 | 1816 | rBV | 115400 | 169374 | 18.15% | 1.714% |
| 36 | 12.980 | 1828 | 1834 | 1841 | rVB | 656885 | 856473 | 91.77% | 8.666% |

Sample Results: **BF144388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.169 | 1863 | 1866 | 1869 | rVB2 | 16912 | 19773 | 2.12% | 0.200% |
| 38 | 13.274 | 1880 | 1884 | 1890 | rVB3 | 15087 | 24215 | 2.59% | 0.245% |
| 39 | 13.874 | 1982 | 1986 | 1992 | rVB2 | 103360 | 161643 | 17.32% | 1.635% |
| 40 | 14.039 | 2006 | 2014 | 2026 | rBV2 | 304672 | 592481 | 63.48% | 5.995% |
| 41 | 14.504 | 2089 | 2093 | 2099 | rBV2 | 54152 | 93742 | 10.04% | 0.948% |
| 42 | 15.092 | 2189 | 2193 | 2200 | rBV | 74586 | 159909 | 17.13% | 1.618% |
| 43 | 15.398 | 2242 | 2245 | 2251 | rVB | 45862 | 76520 | 8.20% | 0.774% |
| 44 | 15.463 | 2252 | 2256 | 2261 | rVB | 59469 | 87830 | 9.41% | 0.889% |
| 45 | 15.527 | 2261 | 2267 | 2278 | rBV | 252108 | 420123 | 45.02% | 4.251% |
| 46 | 15.968 | 2338 | 2342 | 2348 | rVB | 40517 | 68478 | 7.34% | 0.693% |

Sum of corrected areas: 9883527

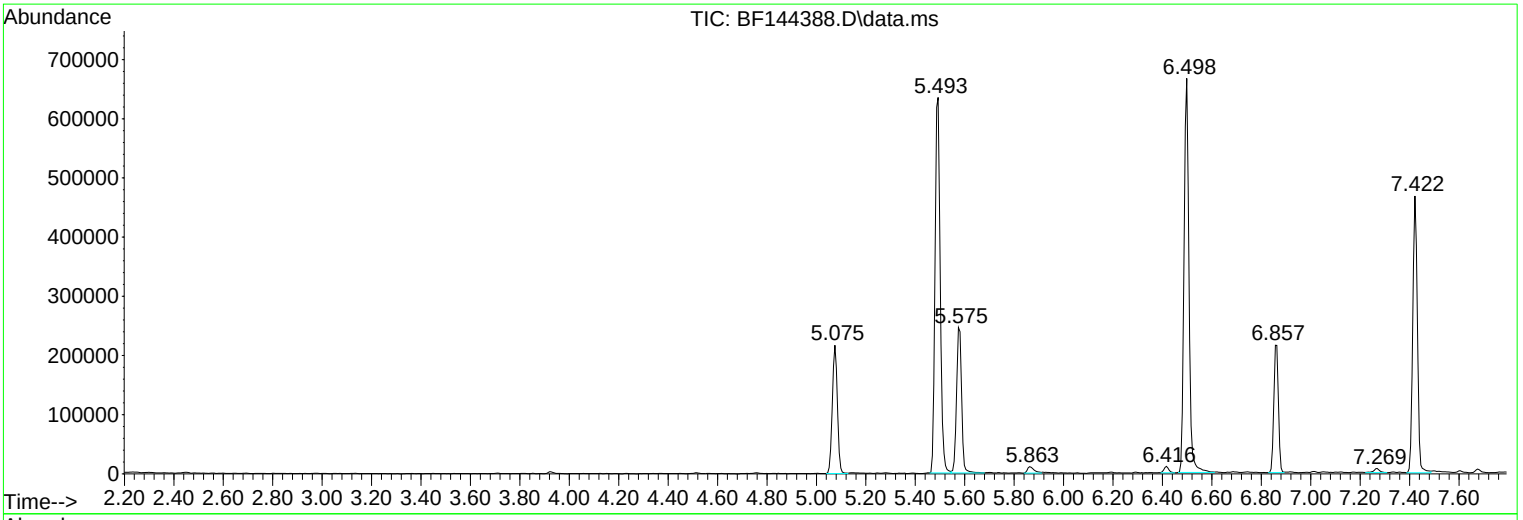
Sample Results: **BF144388.D**

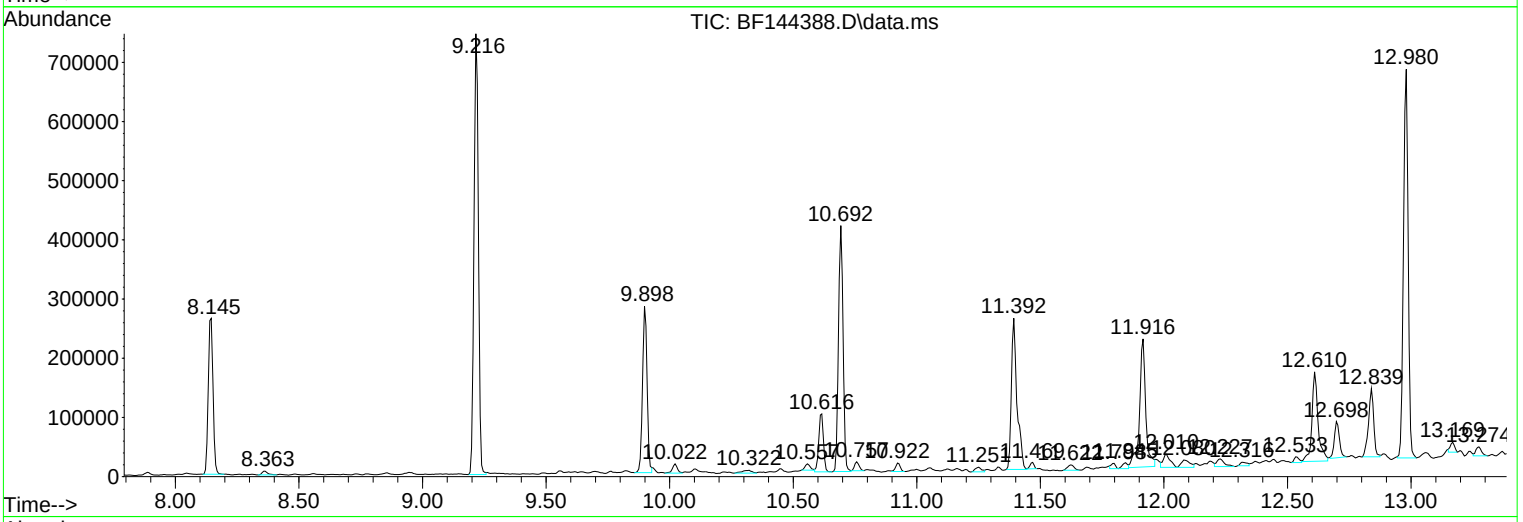
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

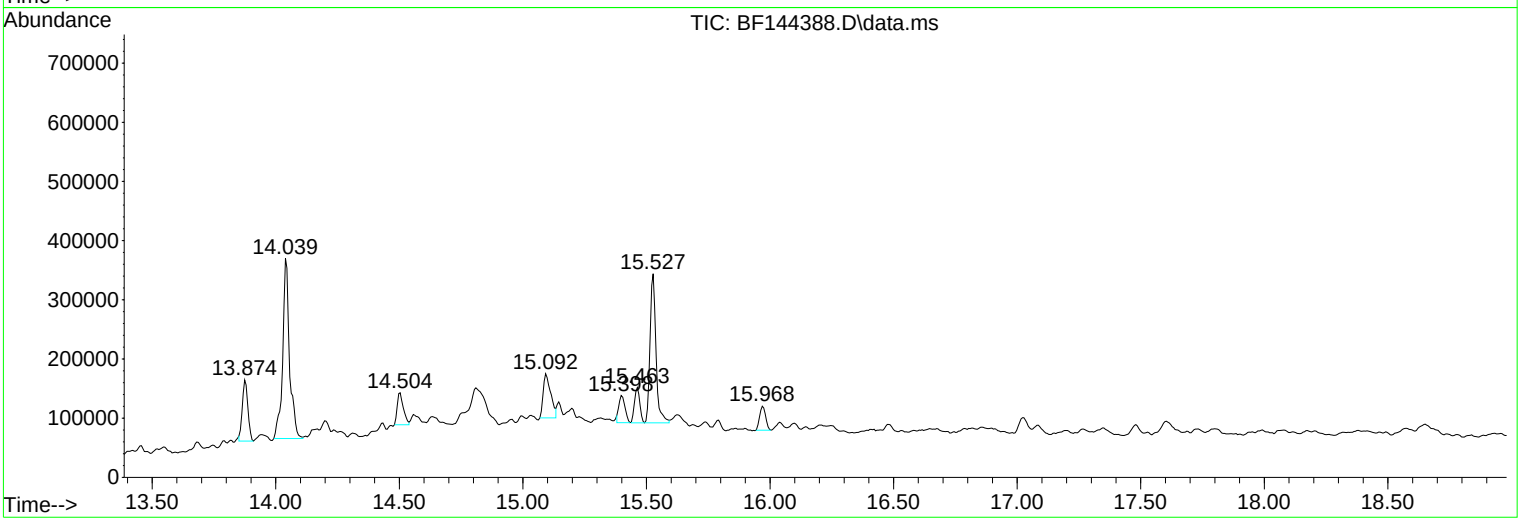
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

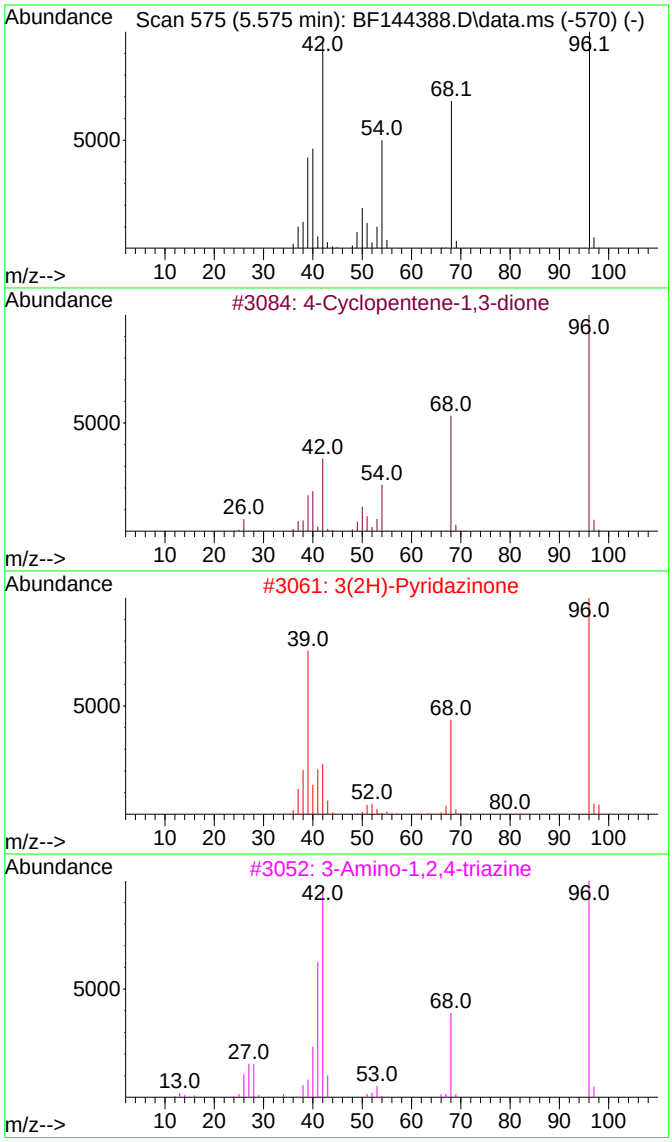
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

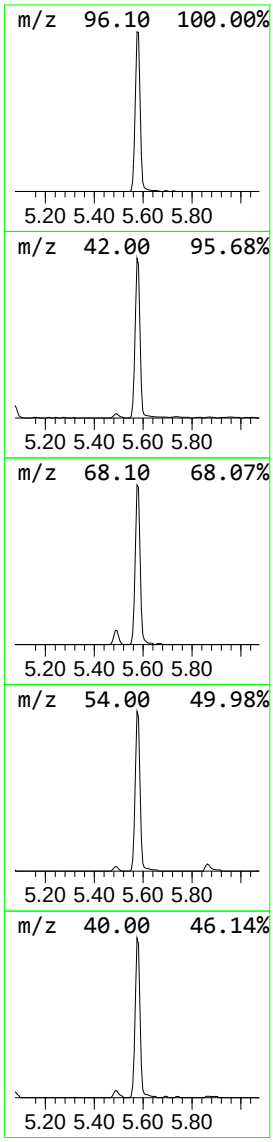
**********

Peak Number 2 4-Cyclopentene-1,3-dione Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.575 | 24.59 ng | 343121 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Cyclopentene-1,3-dione | 96 | C5H4O2 | 000930-60-9 | 93 |
| 2 | 3(2H)-Pyridazinone | 96 | C4H4N2O | 000504-30-3 | 49 |
| 3 | 3-Amino-1,2,4-triazine | 96 | C3H4N4 | 001120-99-6 | 47 |
| 4 | Pyrimidine, 4-hydroxy- | 96 | C4H4N2O | 051953-18-5 | 38 |
| 5 | 5-Methyl-1H-pyrrol-2-amine | 96 | C5H8N2 | 1000436-81-3 | 38 |



Sample Results: **BF144388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

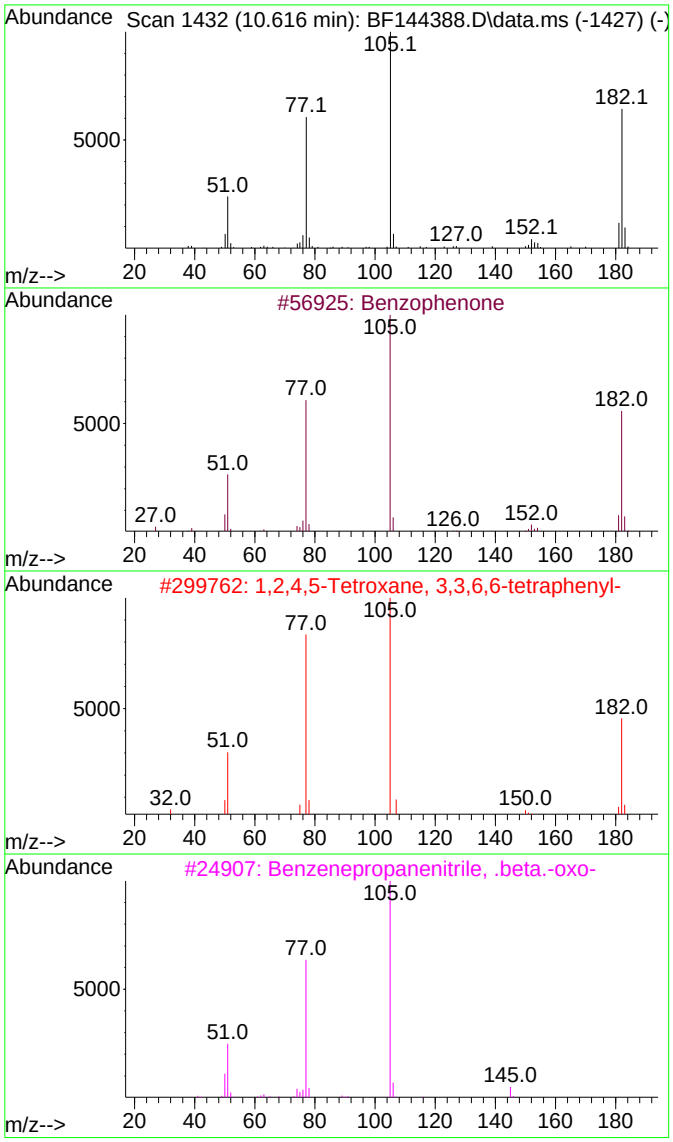
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

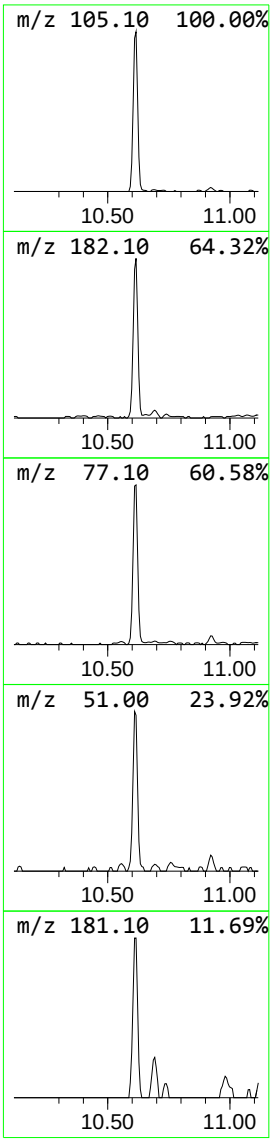
**********

Peak Number 3 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 7.16 ng | 130428 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 78 |
| 3 | Benzenepropanenitrile, .beta.-oxo- | 145 | C9H7NO | 000614-16-4 | 43 |
| 4 | 1-Butanone, 1-phenyl- | 148 | C10H12O | 000495-40-9 | 43 |
| 5 | 1,2-Propanedione, 1-phenyl- | 148 | C9H8O2 | 000579-07-7 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

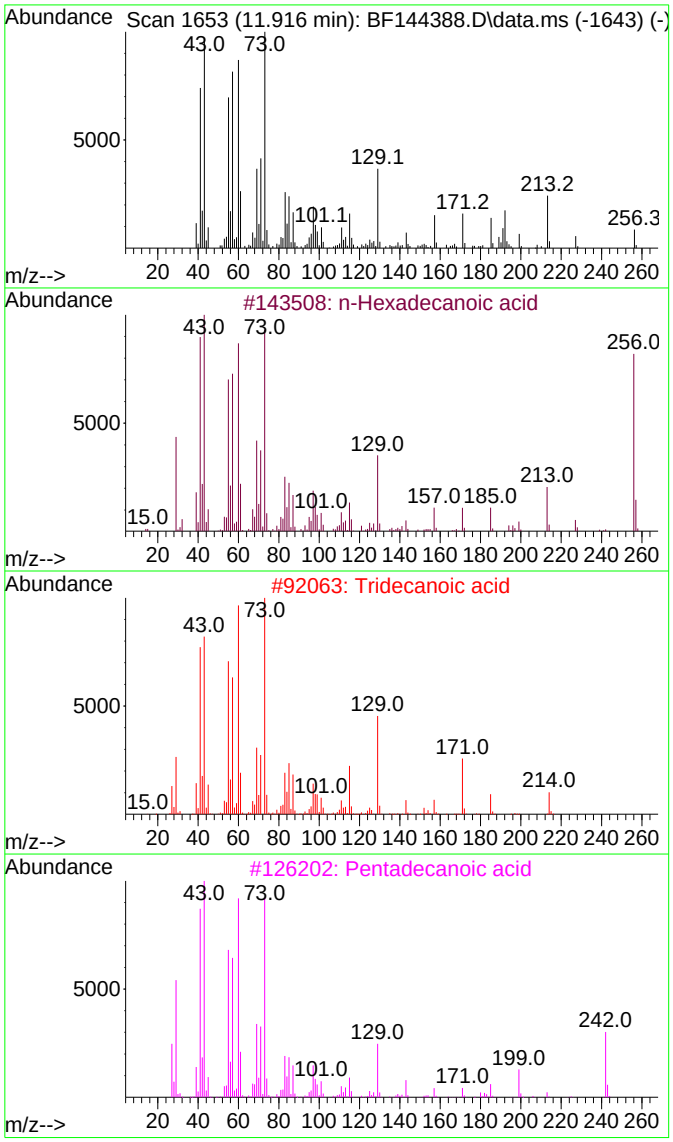
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

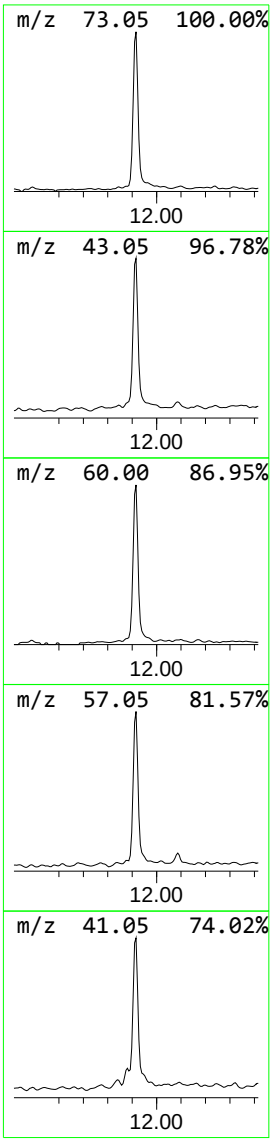
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 18.65 ng | 380094 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 86 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 80 |
| 4 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 45 |
| 5 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

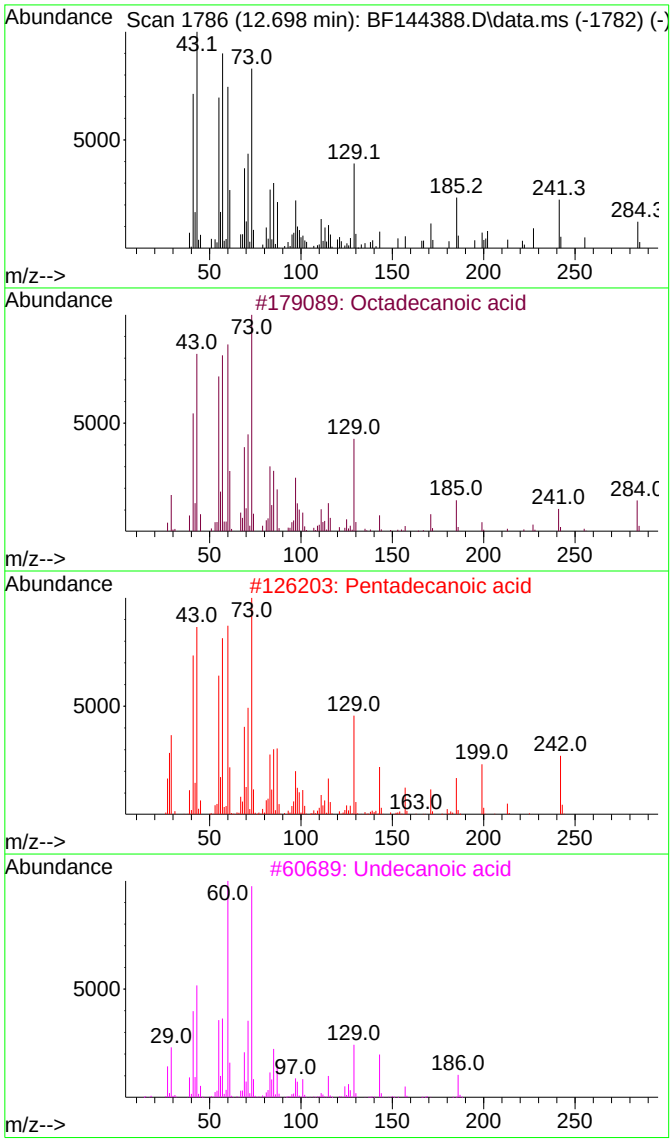
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

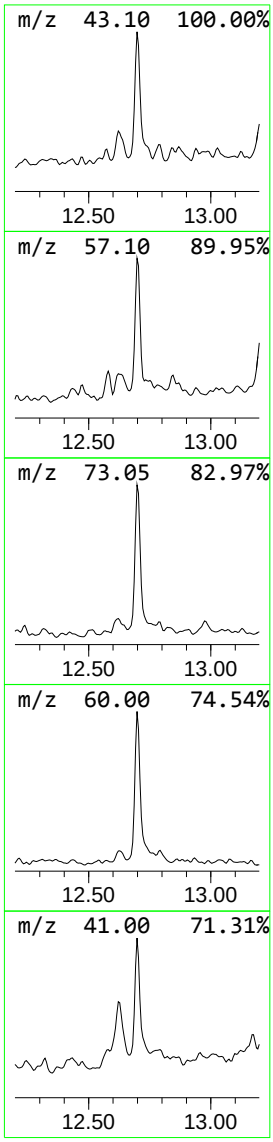
**********

Peak Number 6 Octadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.698 | 4.19 ng | 85347 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 64 |
| 3 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 62 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 62 |
| 5 | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4 | 1000309-37-9 | 14 |



Sample Results: **BF144388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

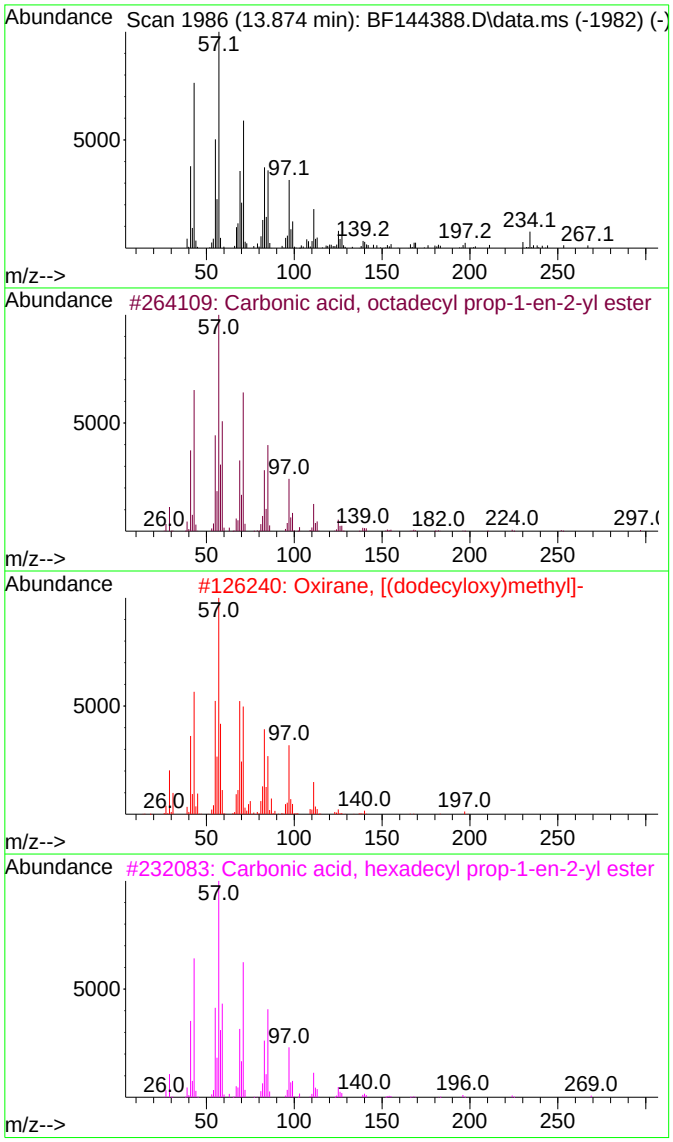
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

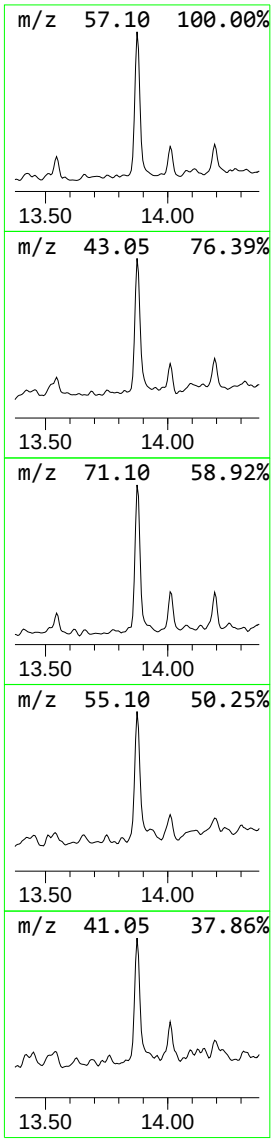
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Carbonic acid, octadecyl pr... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 5.46 ng | 161643 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 91 |
| 2 | Oxirane, [(dodecyloxy)methyl]- | 242 | C15H30O2 | 002461-18-9 | 91 |
| 3 | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 91 |
| 4 | 1-Dodecanol, 2-octyl- | 298 | C20H42O | 005333-42-6 | 91 |
| 5 | 1-Heptadecene | 238 | C17H34 | 006765-39-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

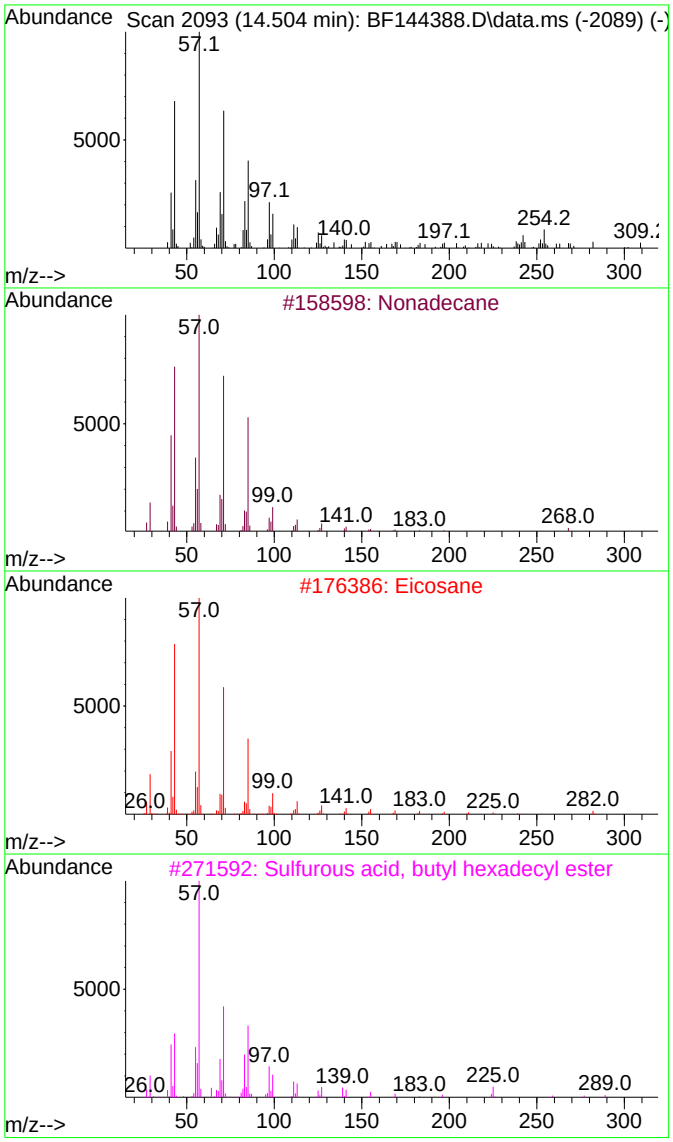
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

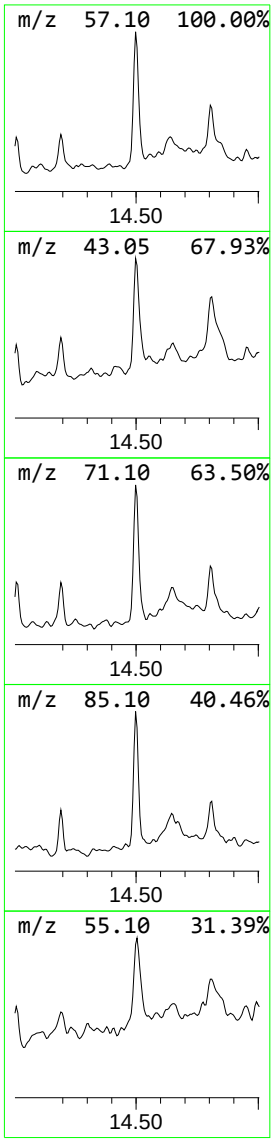
**********

Peak Number 8 Nonadecane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.504 | 3.16 ng | 93742 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 96 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 92 |
| 3 | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S | 1000309-18-3 | 91 |
| 4 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 91 |
| 5 | Sulfurous acid, butyl octadecyl ... | 390 | C22H46O3S | 1000309-18-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

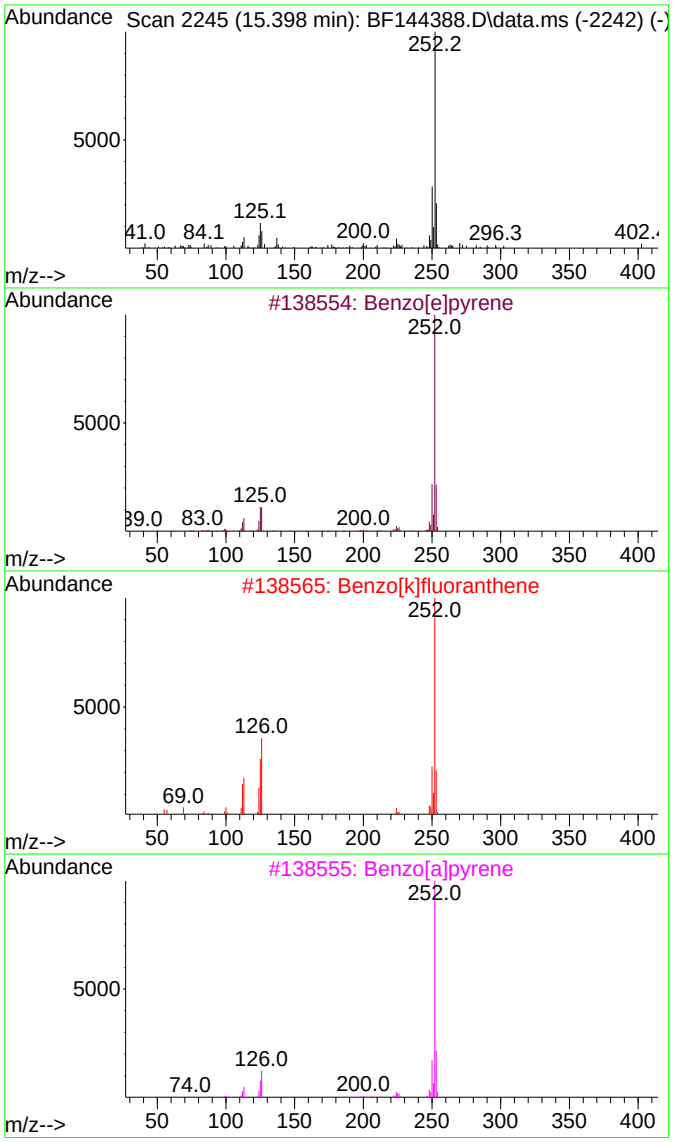
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

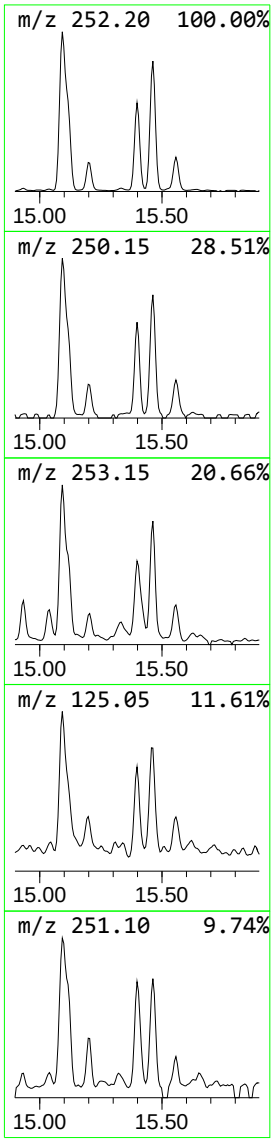
**********

Peak Number 9 Benzo[e]pyrene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.398 | 3.64 ng | 76520 | Perylene-d12 | 15.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 96 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 94 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 91 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 91 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

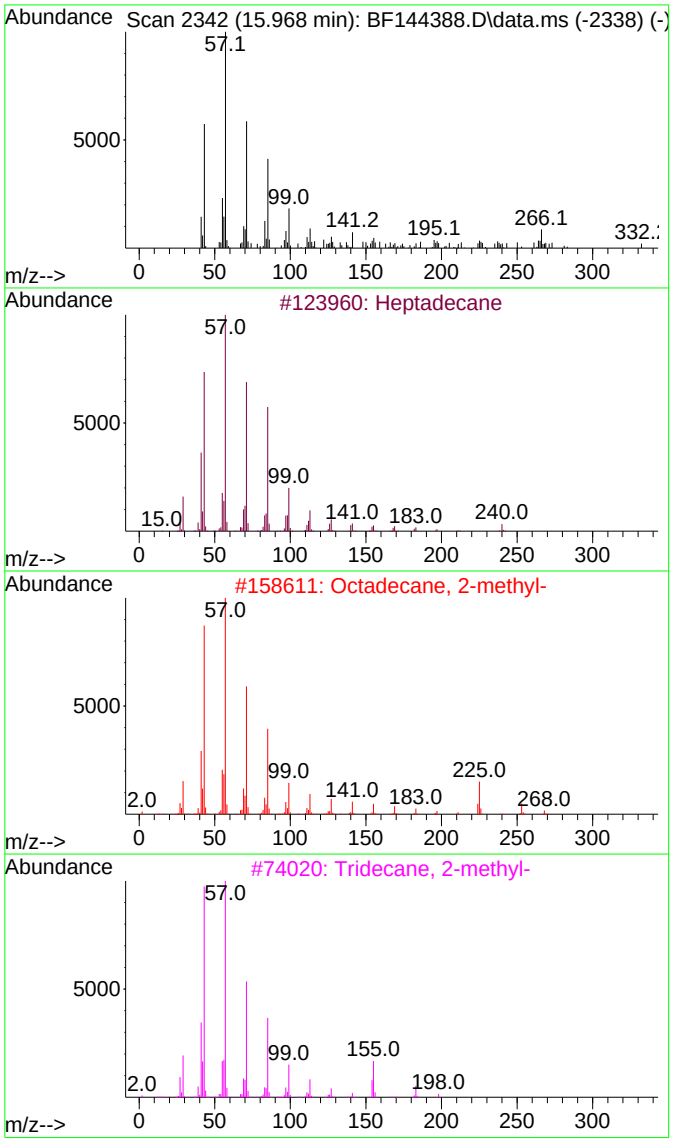
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

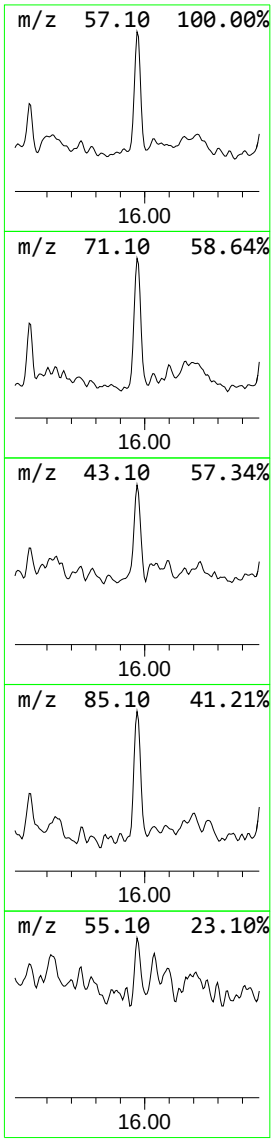
**********

Peak Number 10 Heptadecane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.968 | 3.26 ng | 68478 | Perylene-d12 | 15.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 2 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 87 |
| 3 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 87 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 83 |



Sample Results: **BF144388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 4-Cyclopentene-... | 5.575 | 24.6 | ng | 343121 | 1 | 6.863 | 279029 | 20.0 |
| Benzophenone | 10.616 | 7.2 | ng | 130428 | 3 | 9.898 | 364472 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 18.6 | ng | 380094 | 4 | 11.392 | 407664 | 20.0 |
| Octadecanoic acid | 12.698 | 4.2 | ng | 85347 | 4 | 11.392 | 407664 | 20.0 |
| Carbonic acid, ... | 13.874 | 5.5 | ng | 161643 | 5 | 14.045 | 592481 | 20.0 |
| Nonadecane | 14.504 | 3.2 | ng | 93742 | 5 | 14.045 | 592481 | 20.0 |
| Benzo[e]pyrene | 15.398 | 3.6 | ng | 76520 | 6 | 15.527 | 420123 | 20.0 |
| Heptadecane | 15.968 | 3.3 | ng | 68478 | 6 | 15.527 | 420123 | 20.0 |

Raw Data: **BF144375.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | Date Collected: | 11/24/25 | |
| Project: | Saddler Property | | Date Received: | 11/25/25 | |
| Client Sample ID: | SB-1125-16B | | SDG No.: | Q3719 | |
| Lab Sample ID: | Q3719-12 | | Matrix: | SOIL | |
| Analytical Method: | 8270E | Level: LOW | % Solid: | 90.7 | |
| Sample Wt/Vol: | 30.04 g | Final Vol: 1000 uL | Test: | SVOC-TCL BNA -20 | |
| Prep Method : | SW3541 | Prep Date: 11/25/25 | | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 170 | U | 1 | 170 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 108-95-2 | Phenol | 24.3 | U | 1 | 24.3 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 26.8 | U | 1 | 26.8 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 26.9 | U | 1 | 26.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 95-48-7 | 2-Methylphenol | 32.9 | U | 1 | 32.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 41.3 | U | 1 | 41.3 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 98-86-2 | Acetophenone | 32.5 | U | 1 | 32.5 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 45.3 | U | 1 | 45.3 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 52.2 | U | 1 | 52.2 | 88.1 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 67-72-1 | Hexachloroethane | 19.4 | U | 1 | 19.4 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 98-95-3 | Nitrobenzene | 20.1 | U | 1 | 20.1 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 78-59-1 | Isophorone | 36.1 | U | 1 | 36.1 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 64.1 | U | 1 | 64.1 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 71.3 | U | 1 | 71.3 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 33.9 | U | 1 | 33.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 31.2 | U | 1 | 31.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 91-20-3 | Naphthalene | 25.0 | U | 1 | 25.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 39.0 | U | 1 | 39.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 27.9 | U | 1 | 27.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 105-60-2 | Caprolactam | 57.4 | U | 1 | 57.4 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 31.6 | U | 1 | 31.6 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 28.2 | U | 1 | 28.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 21.8 | U | 1 | 21.8 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 32.0 | U | 1 | 32.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 24.0 | U | 1 | 24.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 24.8 | U | 1 | 24.8 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 53.0 | U | 1 | 53.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 131-11-3 | Dimethylphthalate | 29.8 | U | 1 | 29.8 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 208-96-8 | Acenaphthylene | 31.8 | U | 1 | 31.8 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 37.0 | U | 1 | 37.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 50.6 | U | 1 | 50.6 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 83-32-9 | Acenaphthene | 23.5 | U | 1 | 23.5 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 250 | U | 1 | 250 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 132-64-9 | Dibenzofuran | 25.0 | U | 1 | 25.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 55.2 | U | 1 | 55.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 84-66-2 | Diethylphthalate | 31.2 | U | 1 | 31.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 29.4 | U | 1 | 29.4 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 86-73-7 | Fluorene | 27.9 | U | 1 | 27.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 70.7 | U | 1 | 70.7 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 110 | U | 1 | 110 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |

Raw Data: **BF144375.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-16B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-12 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 90.7 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 36.2 | U | 1 | 36.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 30.6 | U | 1 | 30.6 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 27.9 | U | 1 | 27.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 1912-24-9 | Atrazine | 37.4 | U | 1 | 37.4 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 87-86-5 | Pentachlorophenol | 56.5 | U | 1 | 56.5 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 85-01-8 | Phenanthrene | 79.8 | J | 1 | 23.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 120-12-7 | Anthracene | 36.7 | U | 1 | 36.7 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 86-74-8 | Carbazole | 34.4 | U | 1 | 34.4 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 52.7 | U | 1 | 52.7 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 206-44-0 | Fluoranthene | 180 | J | 1 | 33.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 129-00-0 | Pyrene | 110 | J | 1 | 39.6 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 78.6 | U | 1 | 78.6 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 40.4 | U | 1 | 40.4 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 86.4 | J | 1 | 25.3 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 218-01-9 | Chrysene | 89.5 | J | 1 | 21.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 65.2 | U | 1 | 65.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 95.6 | U | 1 | 95.6 | 360 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 110 | J | 1 | 20.9 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 24.7 | U | 1 | 24.7 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 81.6 | J | 1 | 32.5 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 32.0 | U | 1 | 32.0 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 30.2 | U | 1 | 30.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 28.3 | U | 1 | 28.3 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 28.2 | U | 1 | 28.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 49.8 | U | 1 | 49.8 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 30.2 | U | 1 | 30.2 | 190 | ug/Kg | 11/26/25 22:13 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 79.5 | | | 10 - 105 | 53% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 78.7 | | | 10 - 103 | 52% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 55.4 | | | 10 - 108 | 55% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 56.2 | | | 10 - 108 | 56% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 61.7 | | | 10 - 116 | 41% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 37.7 | | | 10 - 109 | 38% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 57800 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 214000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 107000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 152000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 152000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 179000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 200 | J | | | 10.6 | ug/Kg | | |
| 000638-53-9 | Tridecanoic acid | 270 | J | | | 11.9 | ug/Kg | | |

Raw Data: **BF144375.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-16B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-12 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 90.7 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 1000351-83-7 | Tetracosyl heptafluorobutyrate | 140 | J | | | 13.9 | ug/Kg | | |
| 000630-04-6 | Hentriacontane | 88.1 | J | | | 16.0 | ug/Kg | | |
| 000629-94-7 | Heneicosane | 80.4 | J | | | 16.5 | 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

Sample Results: **BF144375.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 27 00:54:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 57782 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 213615 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 107143 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 152030 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 152288 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 178501 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 293671 | 79.533 | ng | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 329383 | 78.728 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 204817 | 55.376 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 82998 | 61.731 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 407915 | 56.230 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 361308 | 37.685 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 16462 | 2.175 | ng | 97 |
| 75) Fluoranthene | 12.610 | 202 | 39054 | 4.995 | ng | 98 |
| 78) Pyrene | 12.839 | 202 | 37387 | 3.045 | ng | 96 |
| 81) Benzo(a)anthracene | 14.027 | 228 | 24831 | 2.353 | ng | 97 |
| 83) Chrysene | 14.063 | 228 | 23762 | 2.439 | ng | 96 |
| 88) Benzo(b)fluoranthene | 15.086 | 252 | 30500m | 3.005 | ng | |
| 90) Benzo(a)pyrene | 15.457 | 252 | 20813 | 2.223 | ng | # 89 |

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

Sample Results: **BF144375.D**

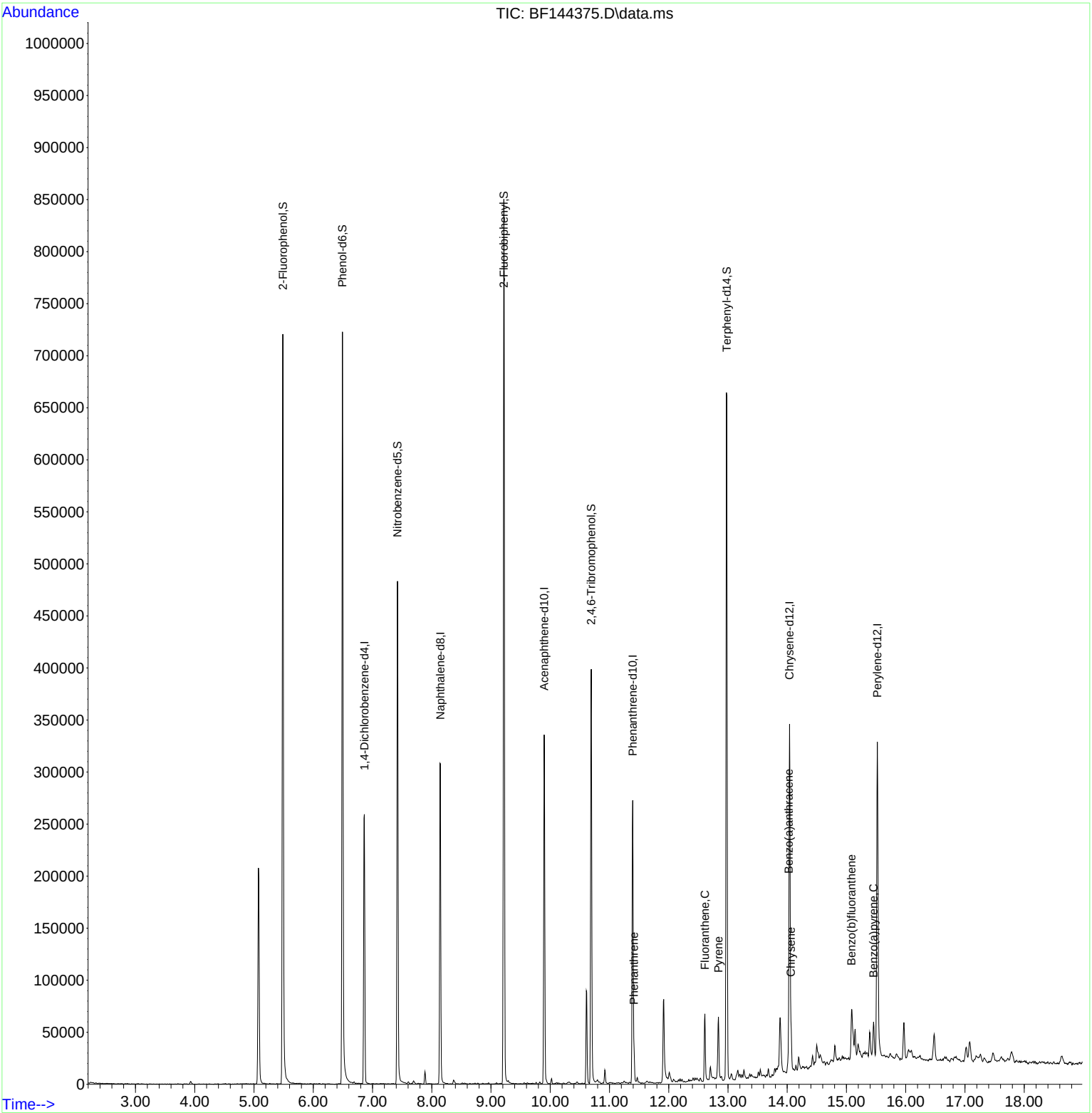
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

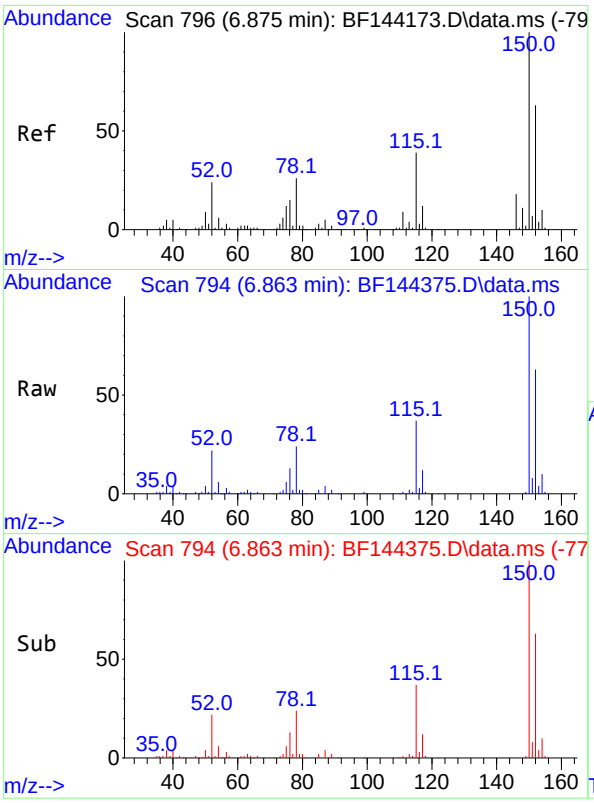
Quant Time: Nov 27 00:54:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

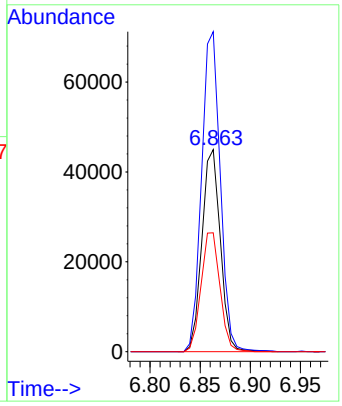





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:152 Resp: 5778

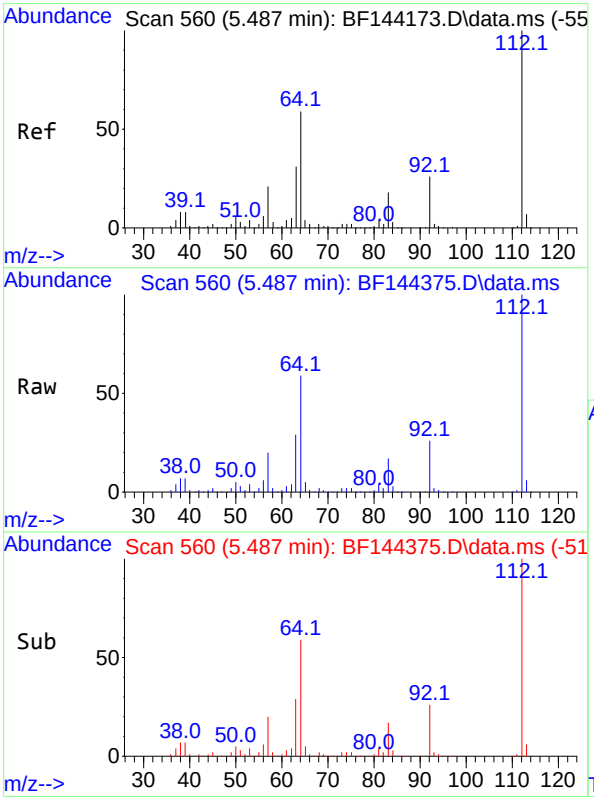
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 127.4 | 191.0 |
| 115 | 58.8 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

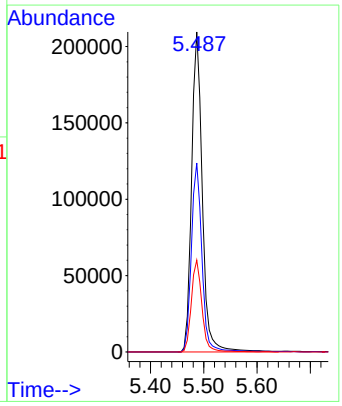
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

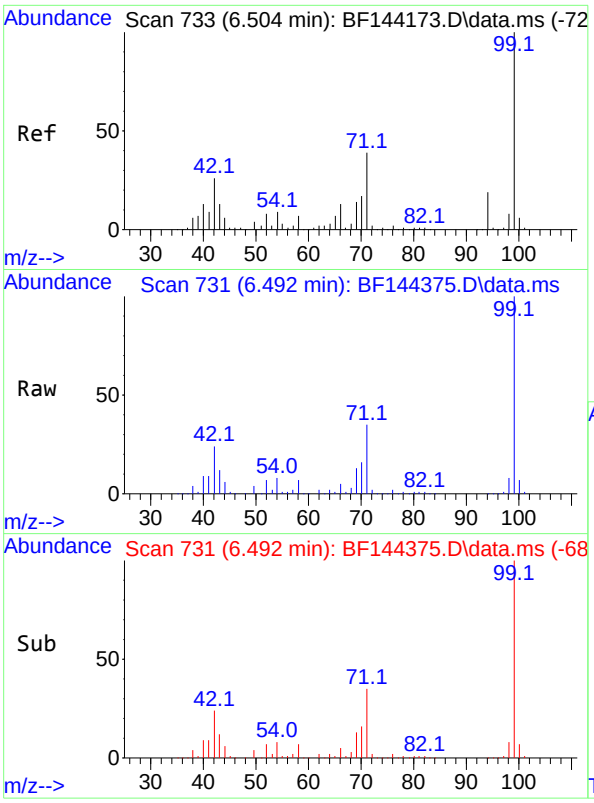



#5
2-Fluorophenol
Concen: 79.533 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:112 Resp: 293671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.1 | 47.2 | 70.8 |
| 63 | 28.7 | 24.4 | 36.6 |

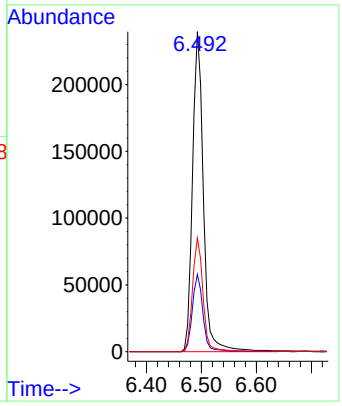





#7
Phenol-d6
Concen: 78.728 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion: 99 Resp: 32938

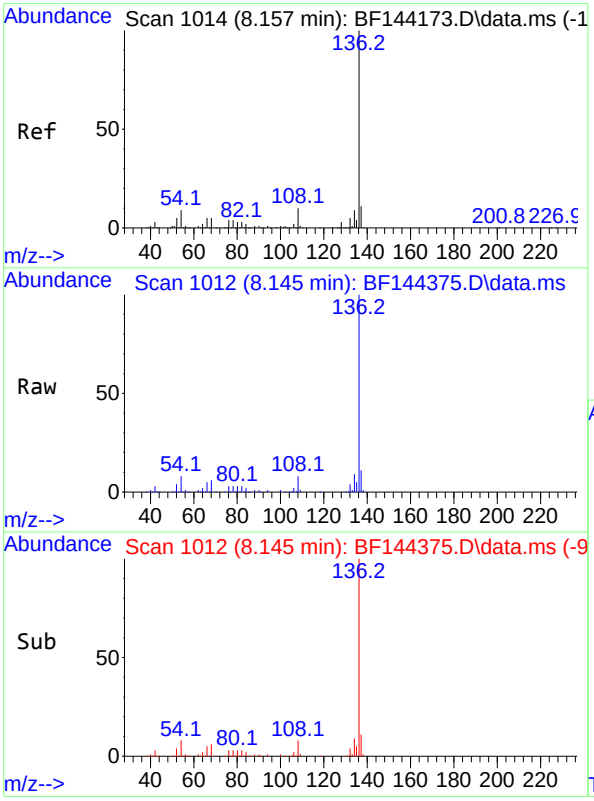
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.1 | 20.9 | 31.3 |
| 71 | 35.5 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

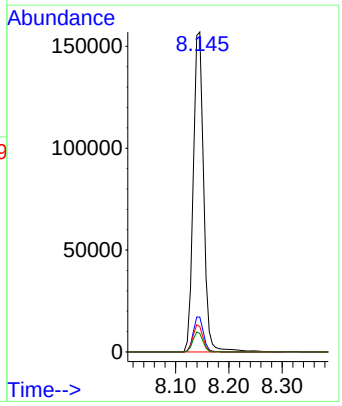
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

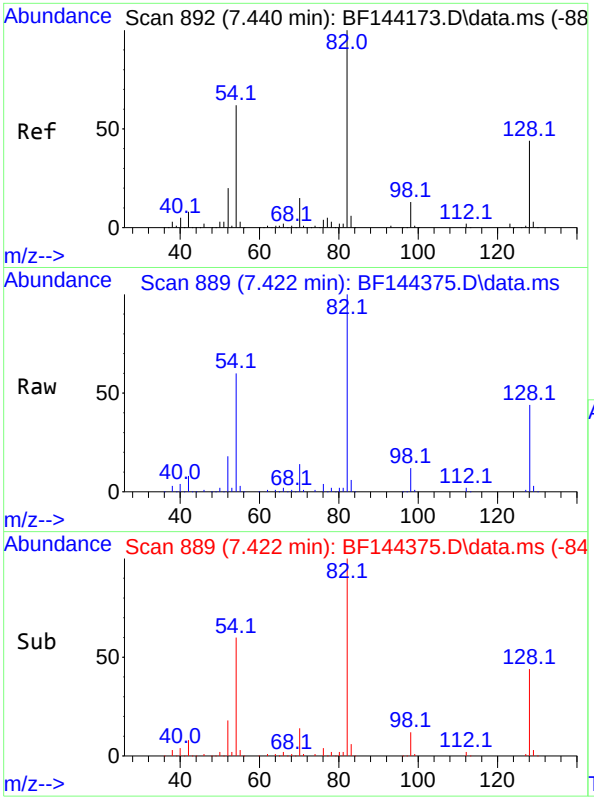



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:136 Resp: 213615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 8.0 | 7.0 | 10.6 |
| 68 | 5.8 | 4.3 | 6.5 |

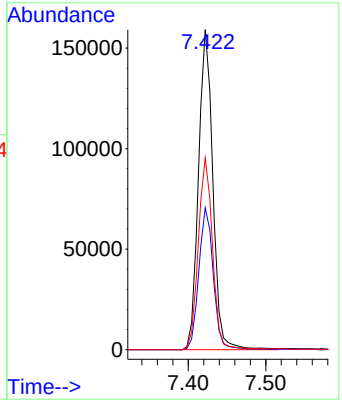





#23
Nitrobenzene-d5
Concen: 55.376 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion: 82 Resp: 20481

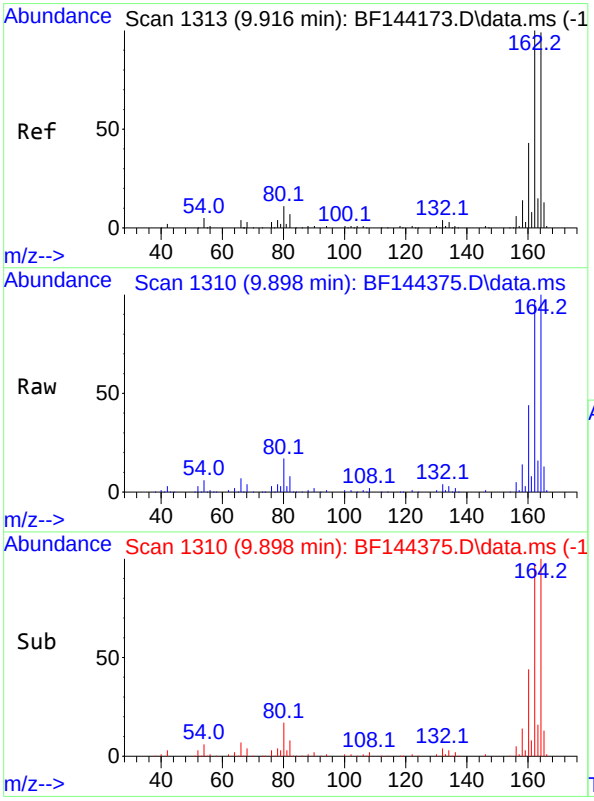
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 34.7 | 52.1 |
| 54 | 59.9 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

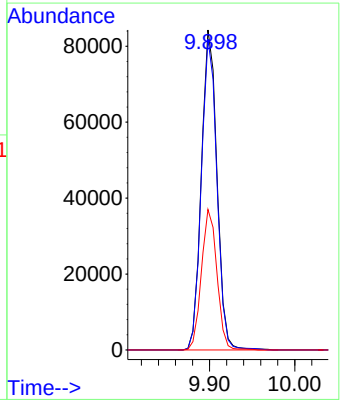
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

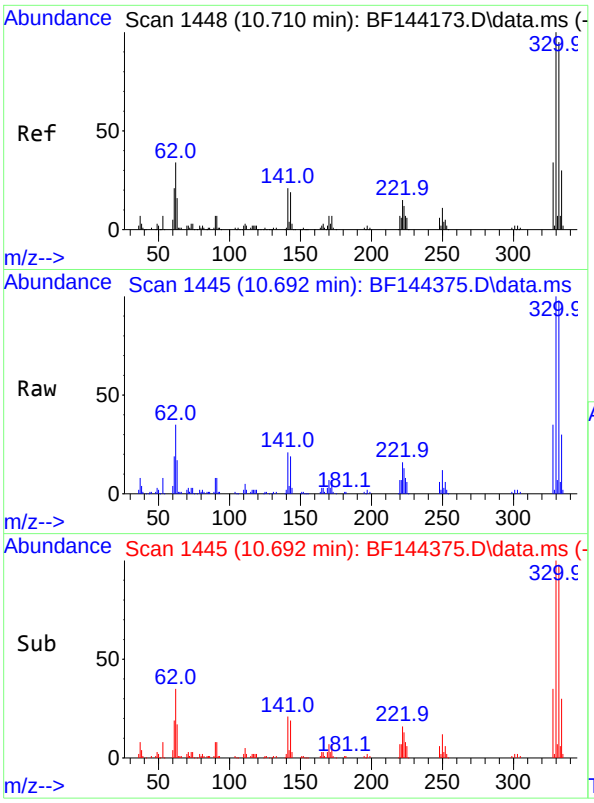



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:164 Resp: 107143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.2 | 81.1 | 121.7 |
| 160 | 43.9 | 34.5 | 51.7 |

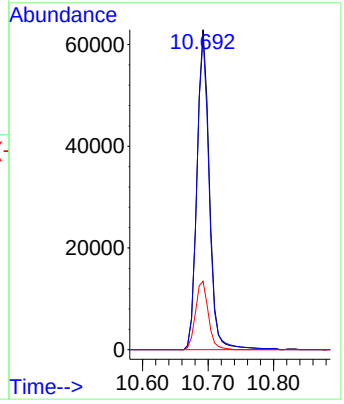





#42
2,4,6-Tribromophenol
Concen: 61.731 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:330 Resp: 8299

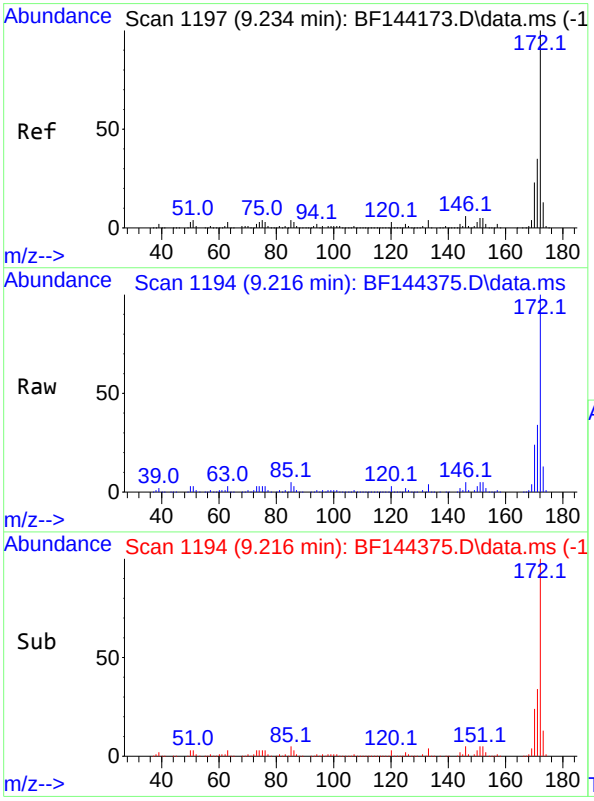
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 76.7 | 115.1 |
| 141 | 22.0 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

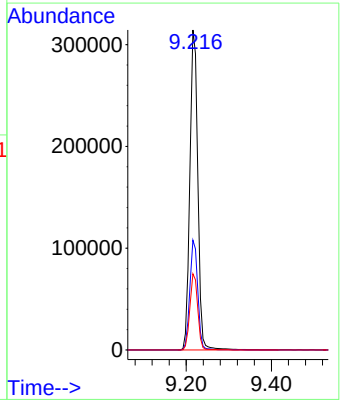
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

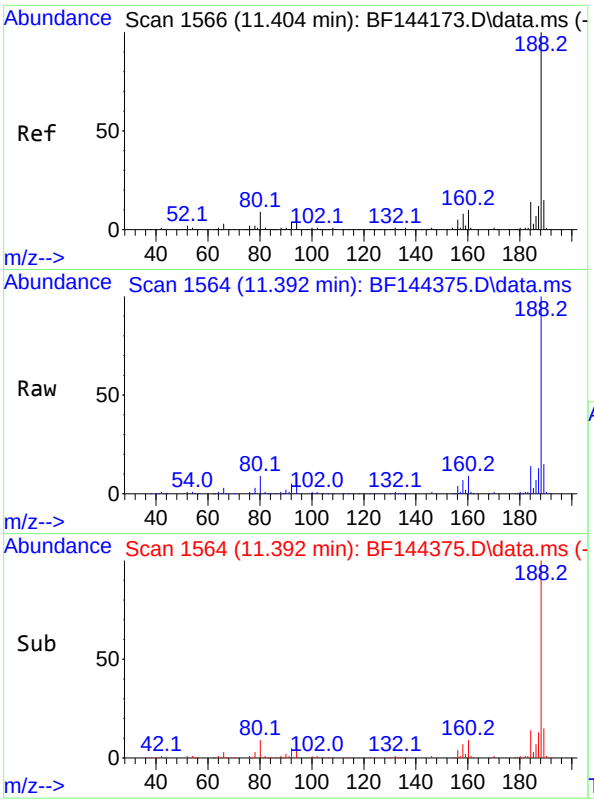



#45
2-Fluorobiphenyl
Concen: 56.230 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:172 Resp: 407915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.3 | 28.1 | 42.1 |
| 170 | 23.8 | 18.6 | 28.0 |

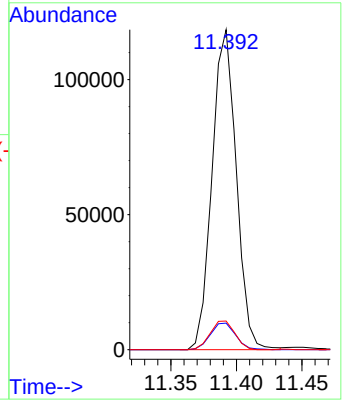





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:188 Resp: 15203

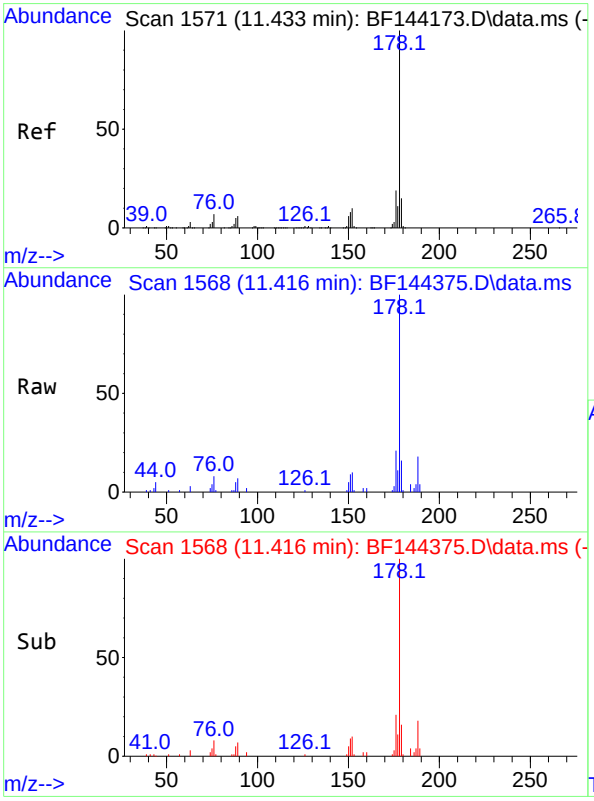
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 6.2 | 9.2 |
| 80 | 9.0 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

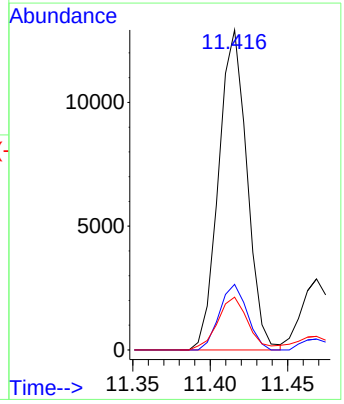
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

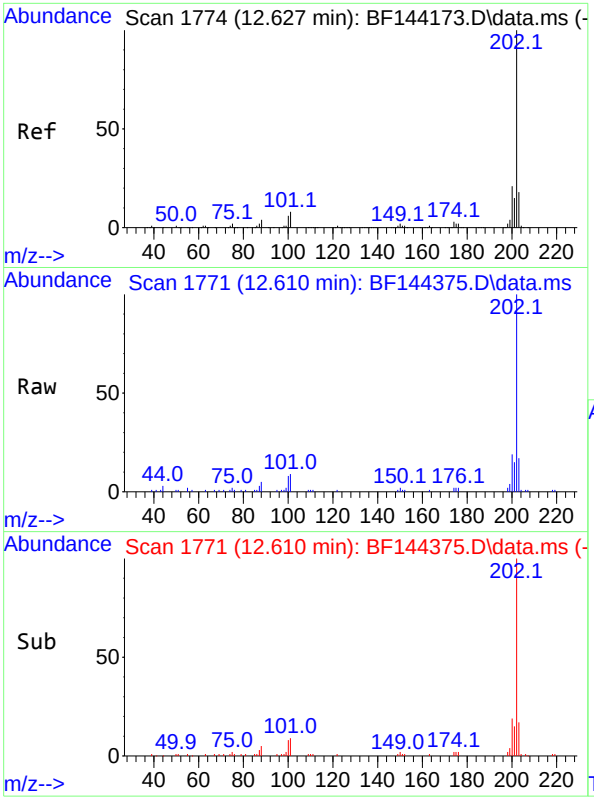



#71
Phenanthrene
Concen: 2.175 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:178 Resp: 16462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 15.5 | 23.3 |
| 179 | 16.5 | 12.2 | 18.4 |

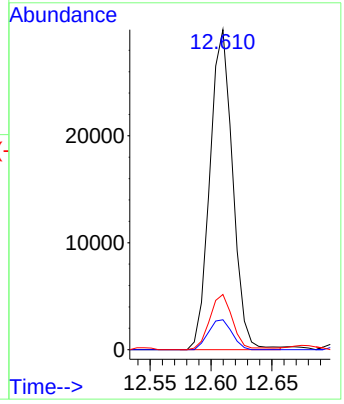





#75
Fluoranthene
Concen: 4.995 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:202 Resp: 3905

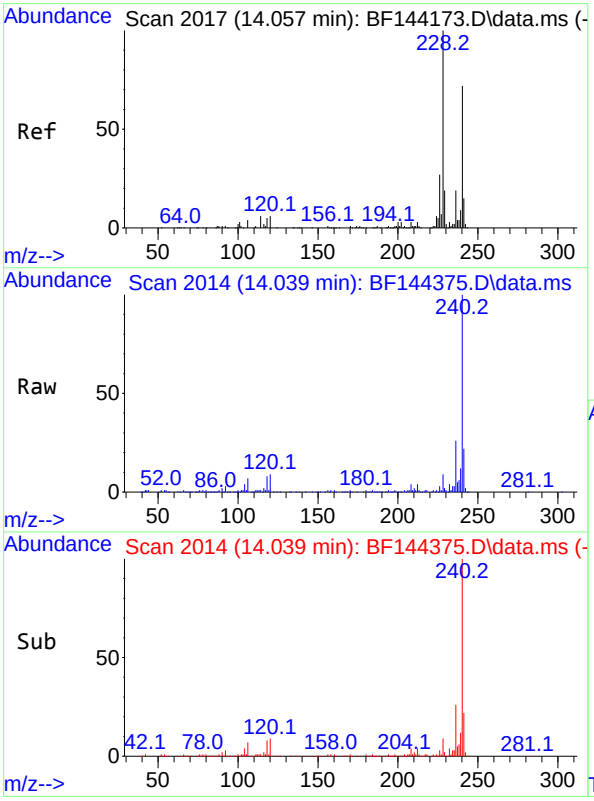
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.4 | 0.0 | 27.9 |
| 203 | 17.3 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

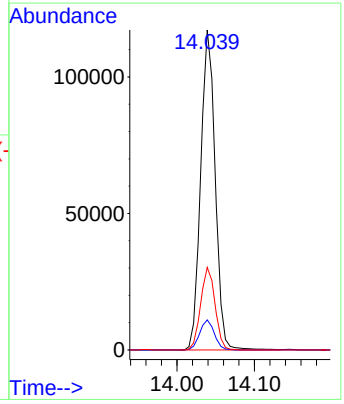
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

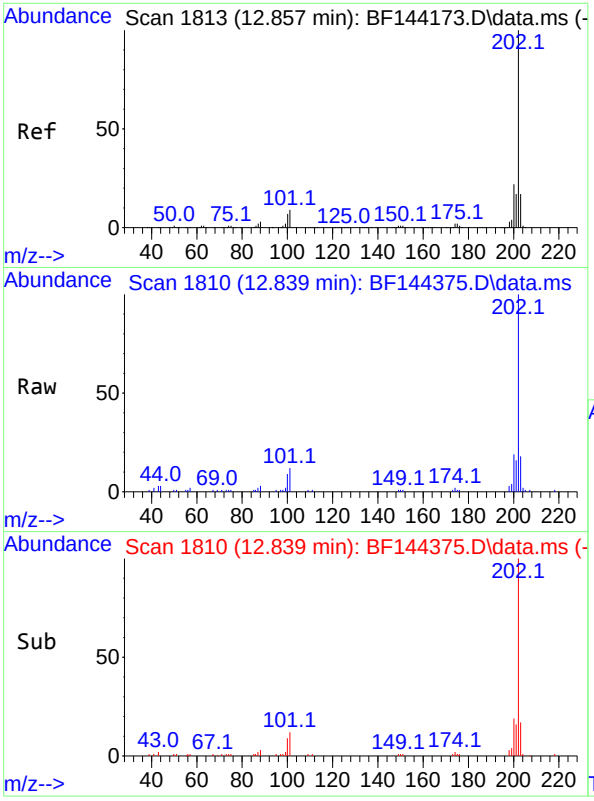



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:240 Resp: 152288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.4 | 6.6 | 10.0 |
| 236 | 25.8 | 21.4 | 32.2 |

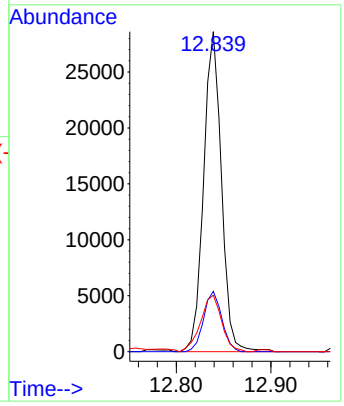





#78
Pyrene
Concen: 3.045 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:202 Resp: 3738

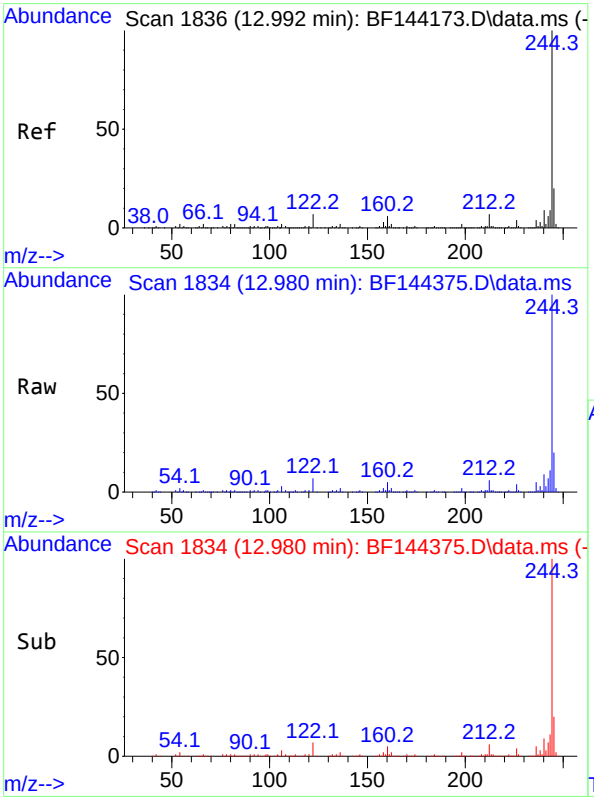
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 18.9 | 17.2 | 25.8 |
| 203 | 17.6 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

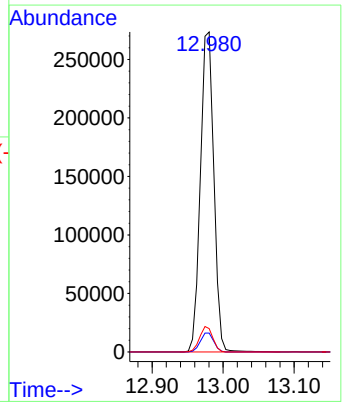
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

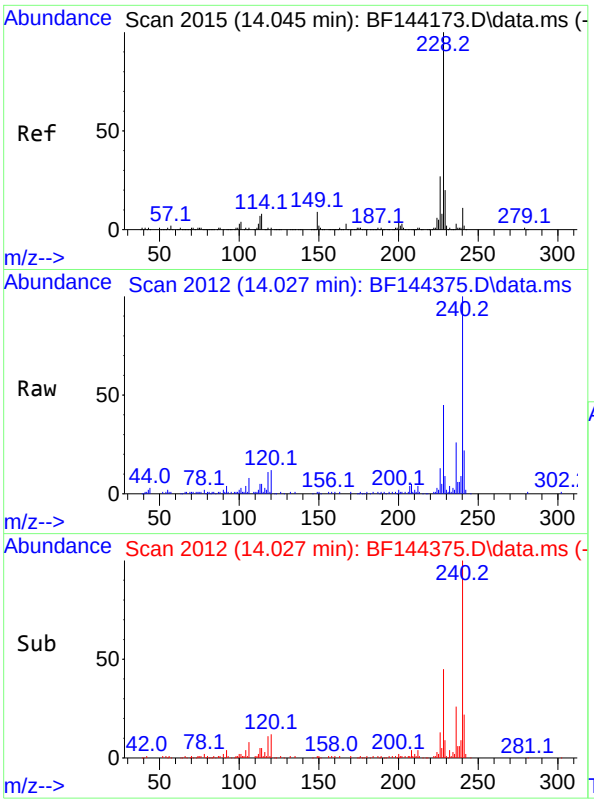



#79
Terphenyl-d14
Concen: 37.685 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:244 Resp: 361308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 5.9 | 5.3 | 7.9 |
| 122 | 7.3 | 5.6 | 8.4 |

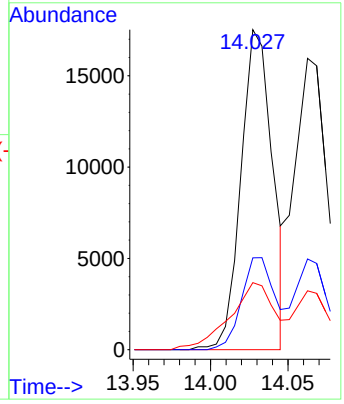





#81
Benzo(a)anthracene
Concen: 2.353 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:228 Resp: 2483

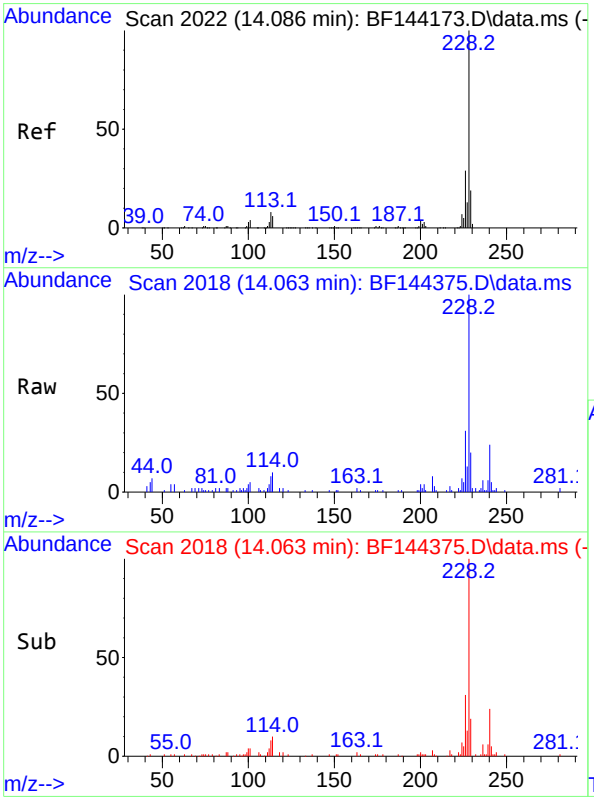
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.7 | 21.8 | 32.8 |
| 229 | 20.9 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

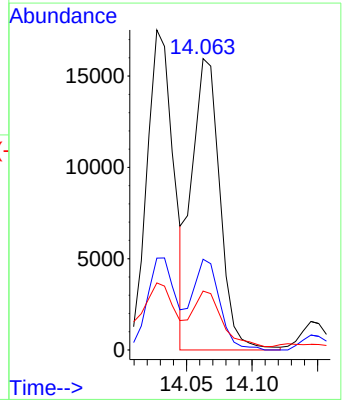
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

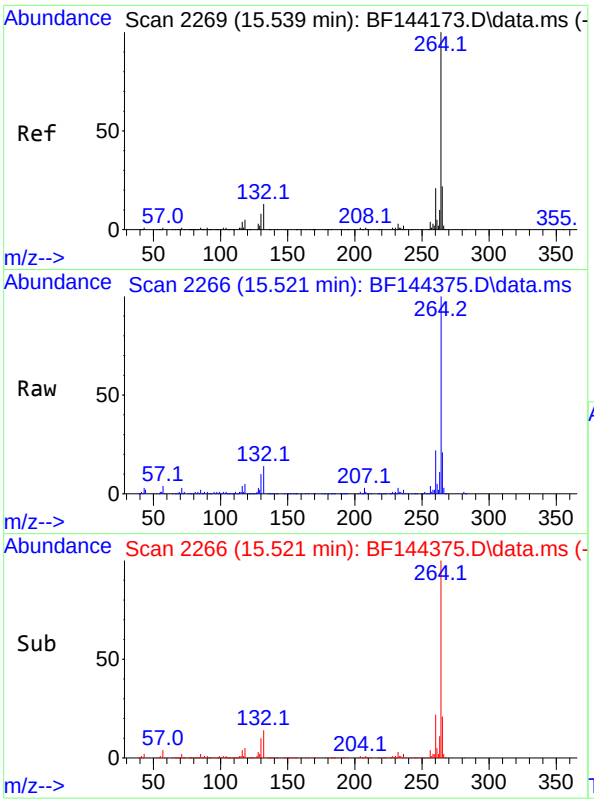



#83
Chrysene
Concen: 2.439 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:228 Resp: 23762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 22.9 | 34.3 |
| 229 | 20.2 | 15.0 | 22.6 |

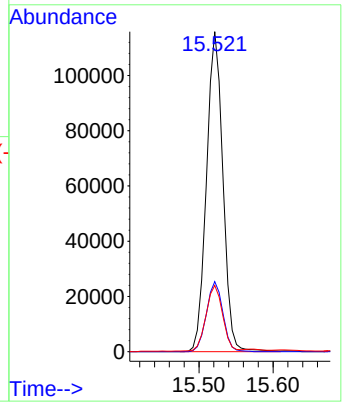





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:264 Resp: 17850

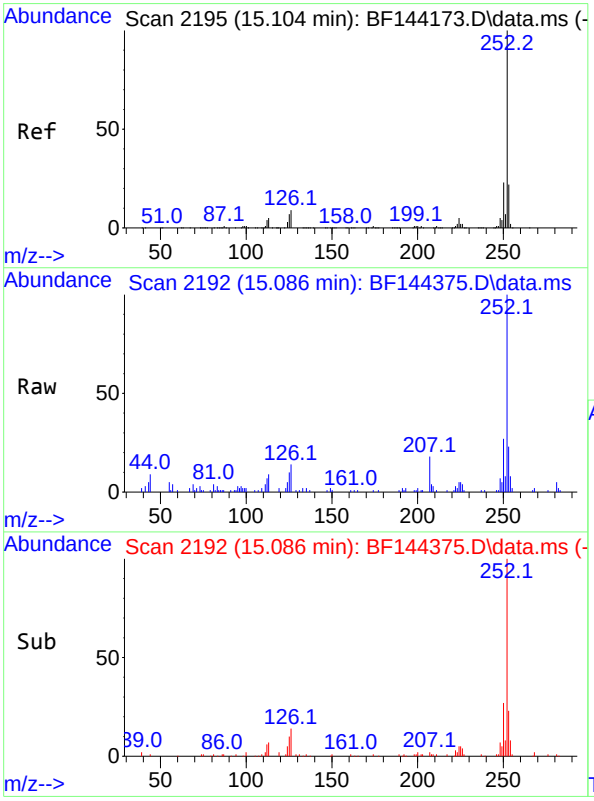
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 17.1 | 25.7 |
| 265 | 20.7 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

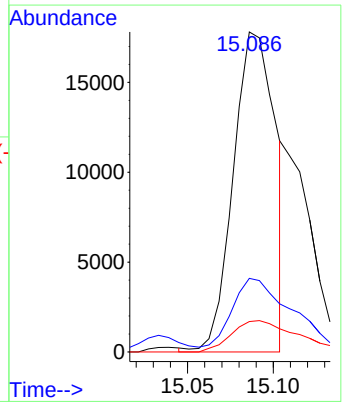
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

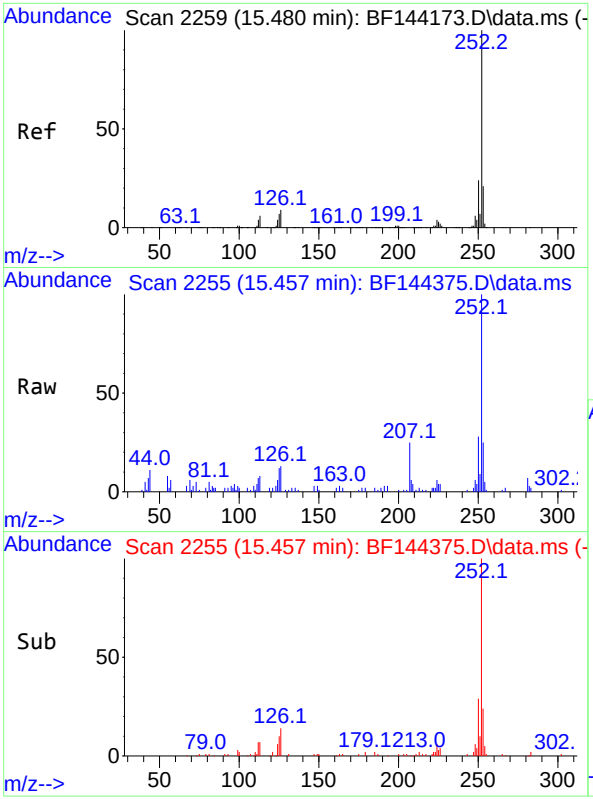



#88
Benzo(b)fluoranthene
Concen: 3.005 ng m
RT: 15.086 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:252 Resp: 30500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.4 | 26.2 |
| 125 | 9.5 | 5.3 | 7.9# |

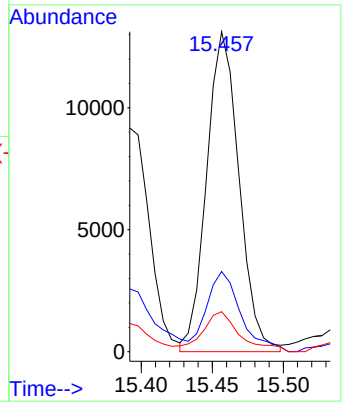





#90
Benzo(a)pyrene
Concen: 2.223 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144375.D
Acq: 26 Nov 2025 22:13

Tgt Ion:252 Resp: 2081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.1 | 16.7 | 25.1 |
| 125 | 12.5 | 5.7 | 8.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Sample Results: **BF144375.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144375.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.075 | 484 | 490 | 505 | rBV | 207165 | 314194 | 29.21% | 3.449% |
| 2 | 5.487 | 555 | 560 | 586 | rBV | 720110 | 991404 | 92.16% | 10.884% |
| 3 | 6.492 | 726 | 731 | 754 | rBV | 722603 | 987737 | 91.82% | 10.844% |
| 4 | 6.863 | 788 | 794 | 802 | rBV | 258683 | 335750 | 31.21% | 3.686% |
| 5 | 7.422 | 884 | 889 | 907 | rBV | 482884 | 622834 | 57.90% | 6.838% |
| 6 | 7.887 | 964 | 968 | 973 | rVB | 11928 | 13677 | 1.27% | 0.150% |
| 7 | 8.139 | 1006 | 1011 | 1028 | rVB | 307822 | 413392 | 38.43% | 4.538% |
| 8 | 9.216 | 1189 | 1194 | 1204 | rBV | 849784 | 1075739 | 100.00% | 11.810% |
| 9 | 9.898 | 1305 | 1310 | 1325 | rVB | 335314 | 424616 | 39.47% | 4.662% |
| 10 | 10.610 | 1427 | 1431 | 1440 | rBV | 89017 | 116428 | 10.82% | 1.278% |
| 11 | 10.692 | 1440 | 1445 | 1456 | rBV | 398090 | 527662 | 49.05% | 5.793% |
| 12 | 10.922 | 1480 | 1484 | 1493 | rVB | 13134 | 17784 | 1.65% | 0.195% |
| 13 | 11.392 | 1559 | 1564 | 1573 | rBV | 271676 | 384077 | 35.70% | 4.217% |
| 14 | 11.916 | 1643 | 1653 | 1662 | rBV3 | 80513 | 142324 | 13.23% | 1.563% |
| 15 | 12.010 | 1665 | 1669 | 1678 | rVB3 | 9120 | 19355 | 1.80% | 0.212% |
| 16 | 12.610 | 1766 | 1771 | 1779 | rBV | 64934 | 88738 | 8.25% | 0.974% |
| 17 | 12.704 | 1782 | 1787 | 1794 | rBV4 | 12357 | 21130 | 1.96% | 0.232% |
| 18 | 12.839 | 1803 | 1810 | 1816 | rBV | 58870 | 84329 | 7.84% | 0.926% |
| 19 | 12.974 | 1828 | 1833 | 1842 | rVV | 659621 | 876306 | 81.46% | 9.621% |
| 20 | 13.169 | 1857 | 1866 | 1869 | rBV3 | 9349 | 20765 | 1.93% | 0.228% |
| 21 | 13.269 | 1880 | 1883 | 1891 | rVB3 | 8097 | 12277 | 1.14% | 0.135% |
| 22 | 13.880 | 1982 | 1987 | 1997 | rVB3 | 52185 | 99733 | 9.27% | 1.095% |
| 23 | 14.039 | 2005 | 2014 | 2024 | rBV2 | 335062 | 530651 | 49.33% | 5.826% |
| 24 | 14.192 | 2036 | 2040 | 2047 | rBV6 | 12531 | 22350 | 2.08% | 0.245% |
| 25 | 14.427 | 2076 | 2080 | 2084 | rBV | 10224 | 14182 | 1.32% | 0.156% |
| 26 | 14.498 | 2089 | 2092 | 2099 | rVV5 | 15752 | 30983 | 2.88% | 0.340% |
| 27 | 14.804 | 2140 | 2144 | 2151 | rBV | 15128 | 25230 | 2.35% | 0.277% |
| 28 | 15.086 | 2187 | 2192 | 2199 | rBV | 47884 | 109703 | 10.20% | 1.204% |
| 29 | 15.145 | 2199 | 2202 | 2206 | rVB | 25024 | 33983 | 3.16% | 0.373% |
| 30 | 15.392 | 2240 | 2244 | 2250 | rBV | 23036 | 37082 | 3.45% | 0.407% |
| 31 | 15.457 | 2251 | 2255 | 2260 | rVV | 32831 | 49053 | 4.56% | 0.539% |
| 32 | 15.521 | 2260 | 2266 | 2279 | rVB | 301597 | 487852 | 45.35% | 5.356% |
| 33 | 15.968 | 2337 | 2342 | 2348 | rBV | 34892 | 58539 | 5.44% | 0.643% |
| 34 | 16.480 | 2423 | 2429 | 2439 | rVB2 | 25442 | 53346 | 4.96% | 0.586% |
| 35 | 17.021 | 2516 | 2521 | 2525 | rBV2 | 11470 | 22857 | 2.12% | 0.251% |
| 36 | 17.080 | 2527 | 2531 | 2541 | rVB3 | 19267 | 42556 | 3.96% | 0.467% |

Sample Results: **BF144375.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 9108618

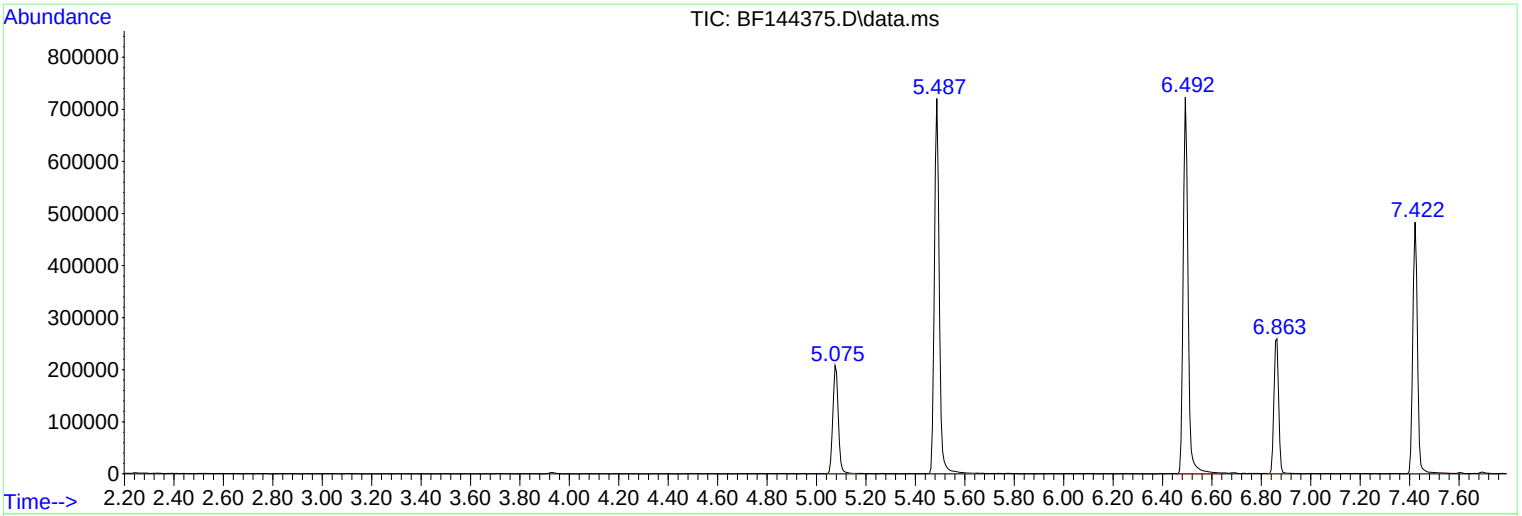
Sample Results: **BF144375.D**

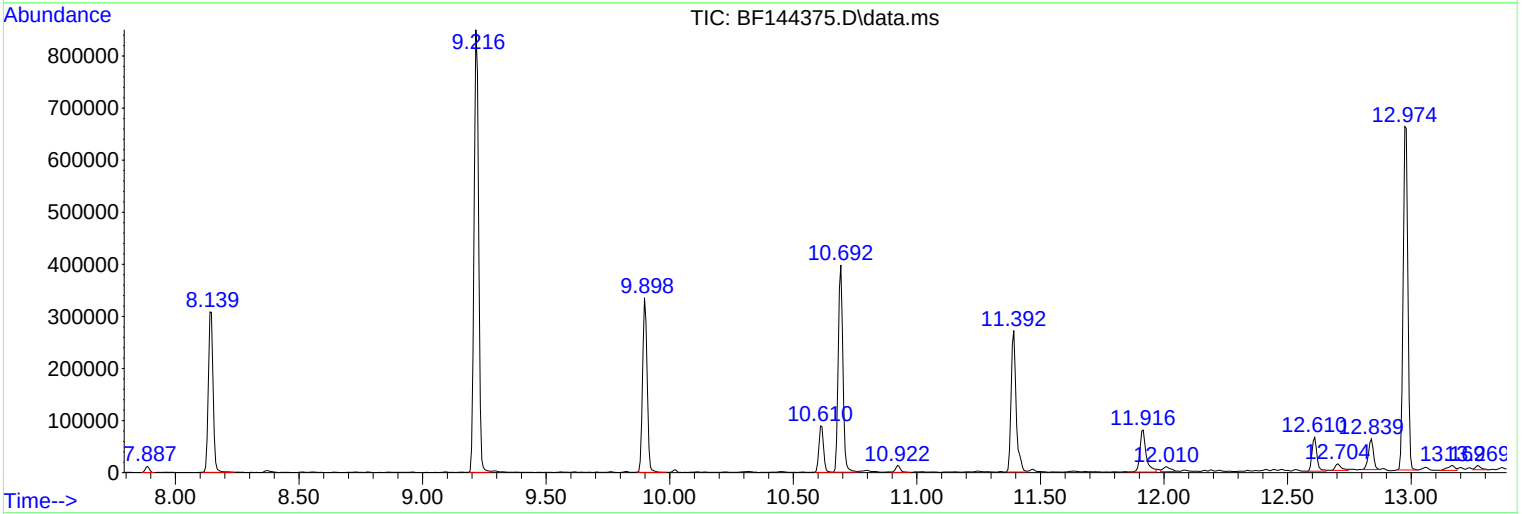
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

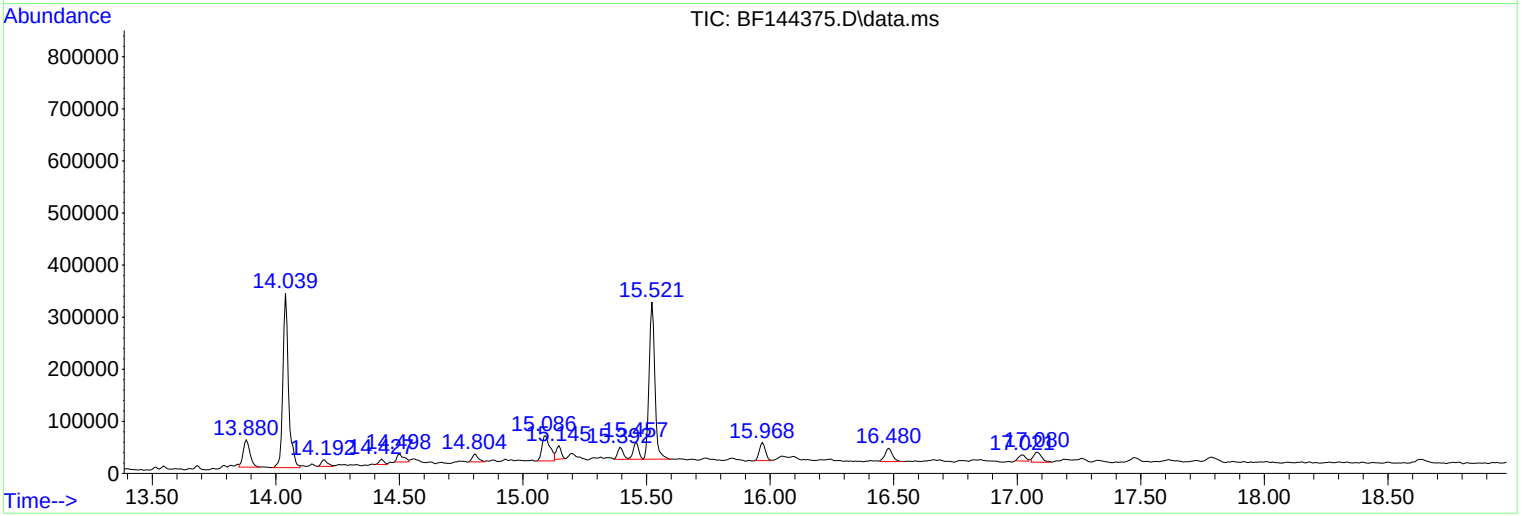
**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144375.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

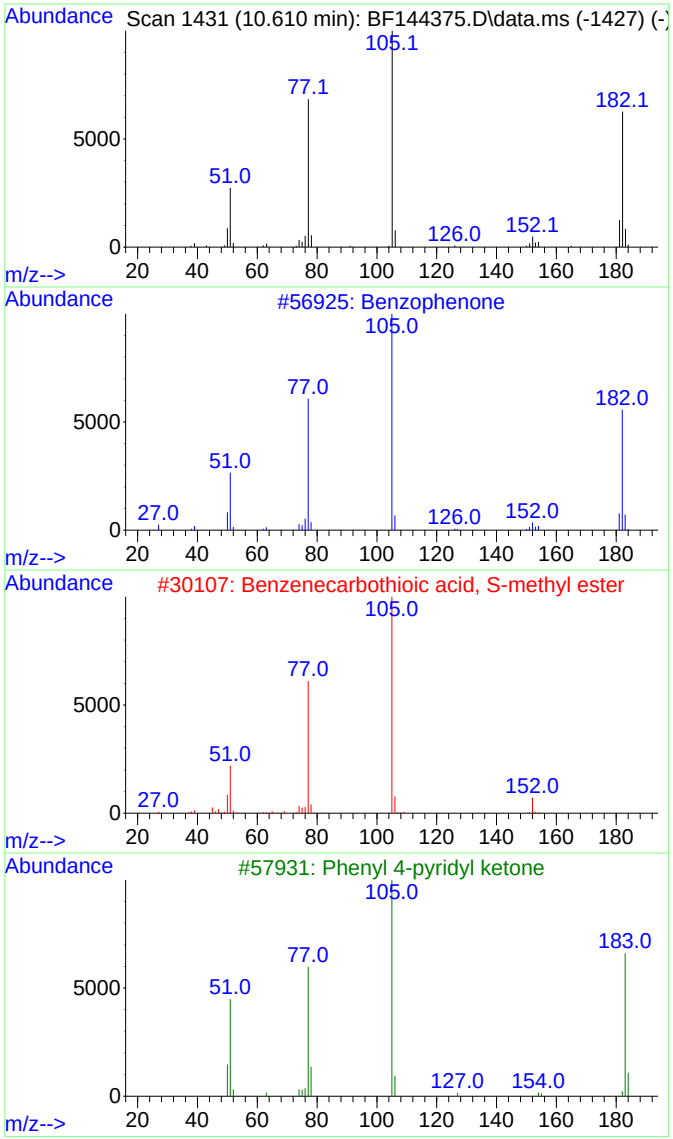
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

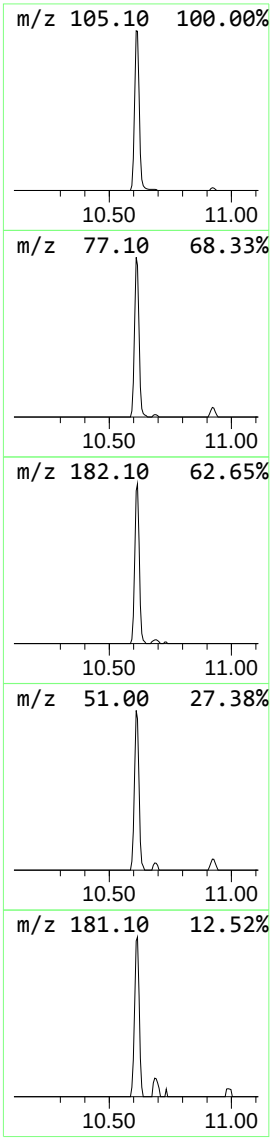
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.610 | 5.48 ng | 116428 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 60 |
| 3 | Phenyl 4-pyridyl ketone | 183 | C12H9NO | 014548-46-0 | 53 |
| 4 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 49 |
| 5 | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2 | 1000446-91-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

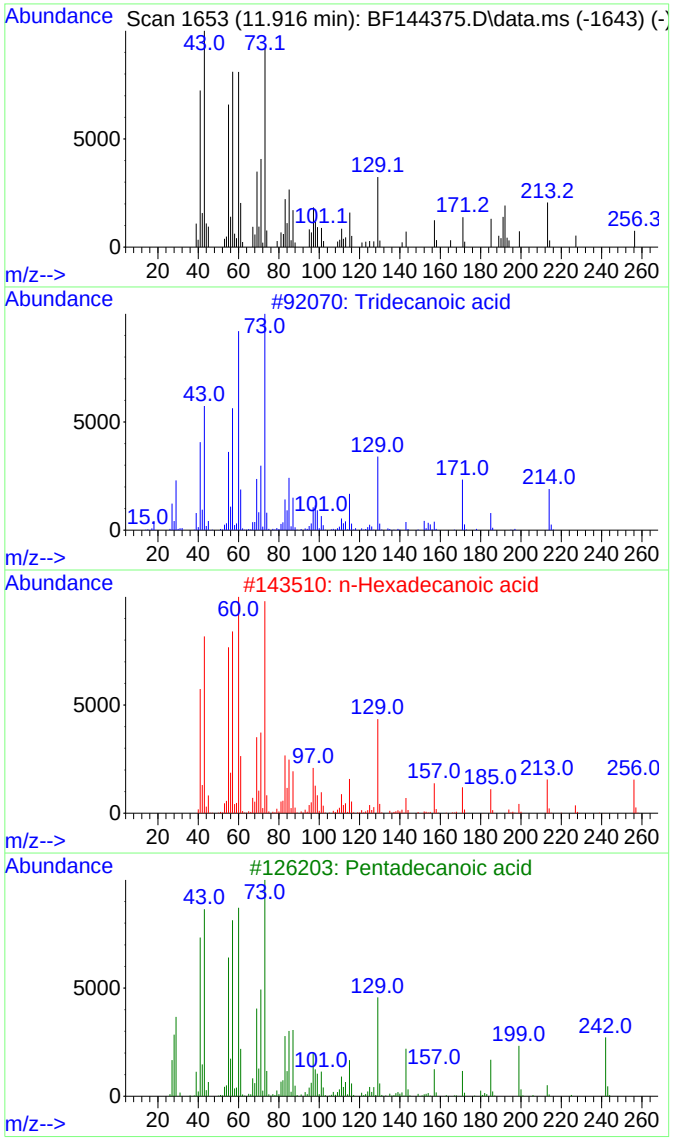
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

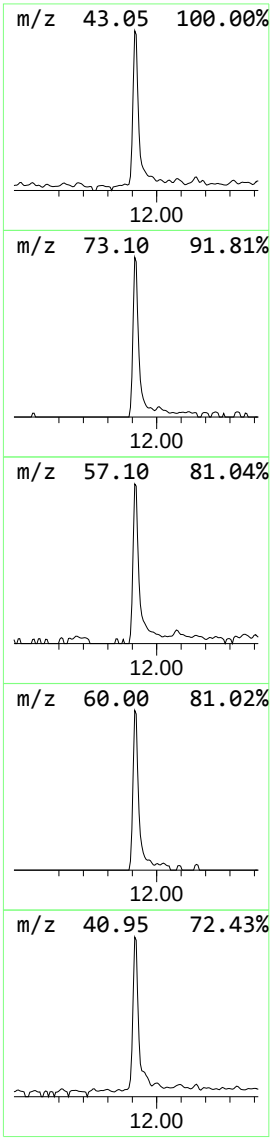
**********

Peak Number 3 Tridecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 7.41 ng | 142324 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 92 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 72 |
| 4 | Oxalic acid, dodecyl propyl ester | 300 | C17H32O4 | 1000309-26-5 | 18 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 18 |



Sample Results: **BF144375.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

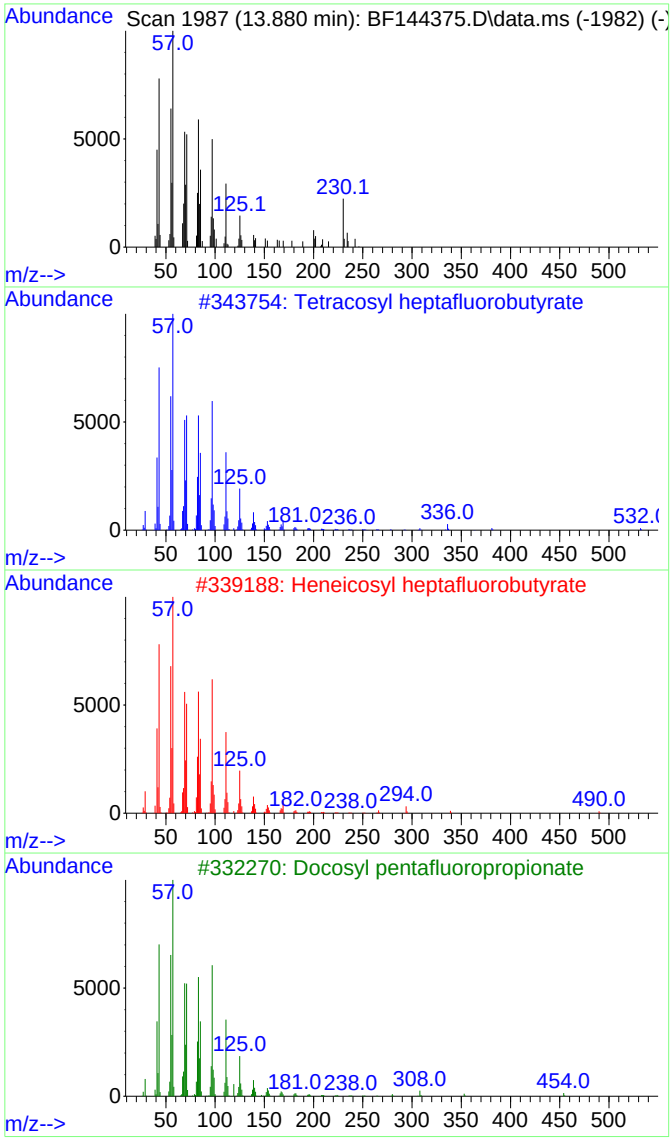
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

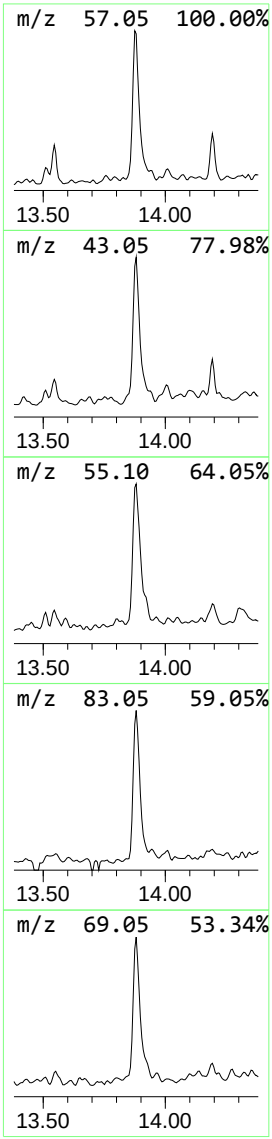
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Tetracosyl heptafluorobutyrate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 3.76 ng | 99733 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 91 |
| 2 | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 87 |
| 3 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 87 |
| 4 | Octacosyl heptafluorobutyrate | 606 | C32H57F7O2 | 1010351-83-6 | 87 |
| 5 | Tricosyl heptafluorobutyrate | 536 | C27H47F7O2 | 1000351-83-4 | 87 |



Sample Results: **BF144375.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

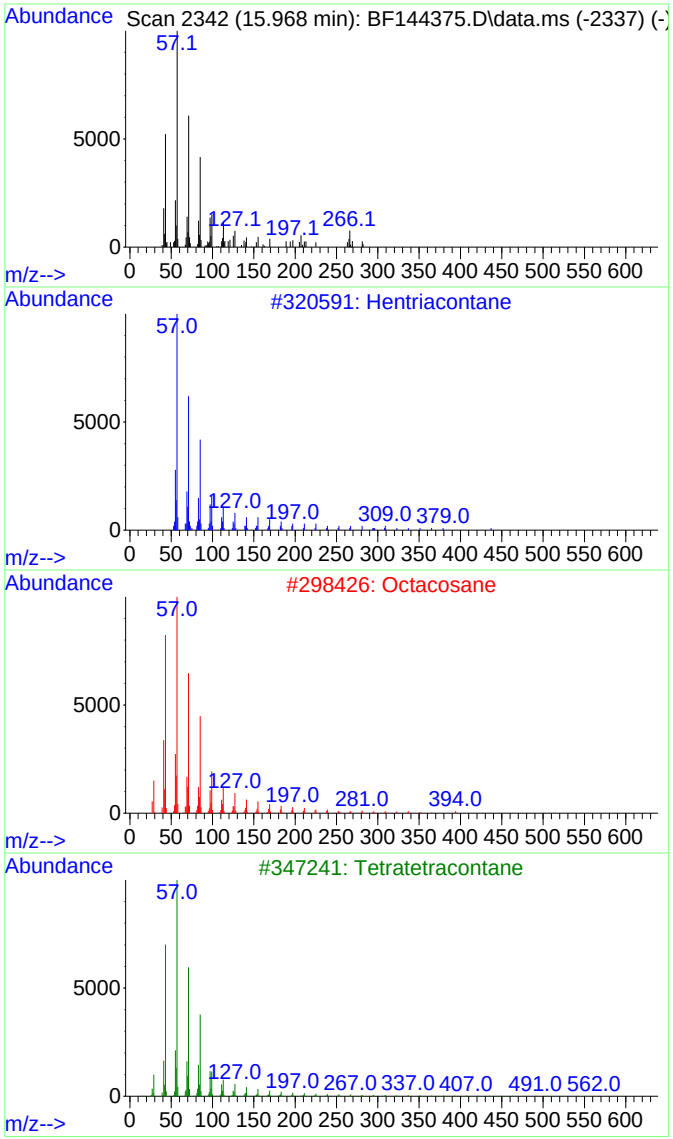
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

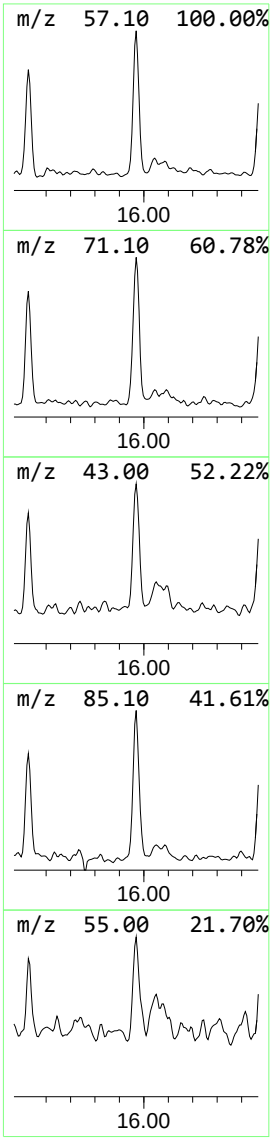
**********

Peak Number 5 Hentriacontane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.968 | 2.40 ng | 58539 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 87 |
| 4 | Nonacosane | 408 | C29H60 | 000630-03-5 | 86 |
| 5 | Eicosane, 1-iodo- | 408 | C20H41I | 1000406-31-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

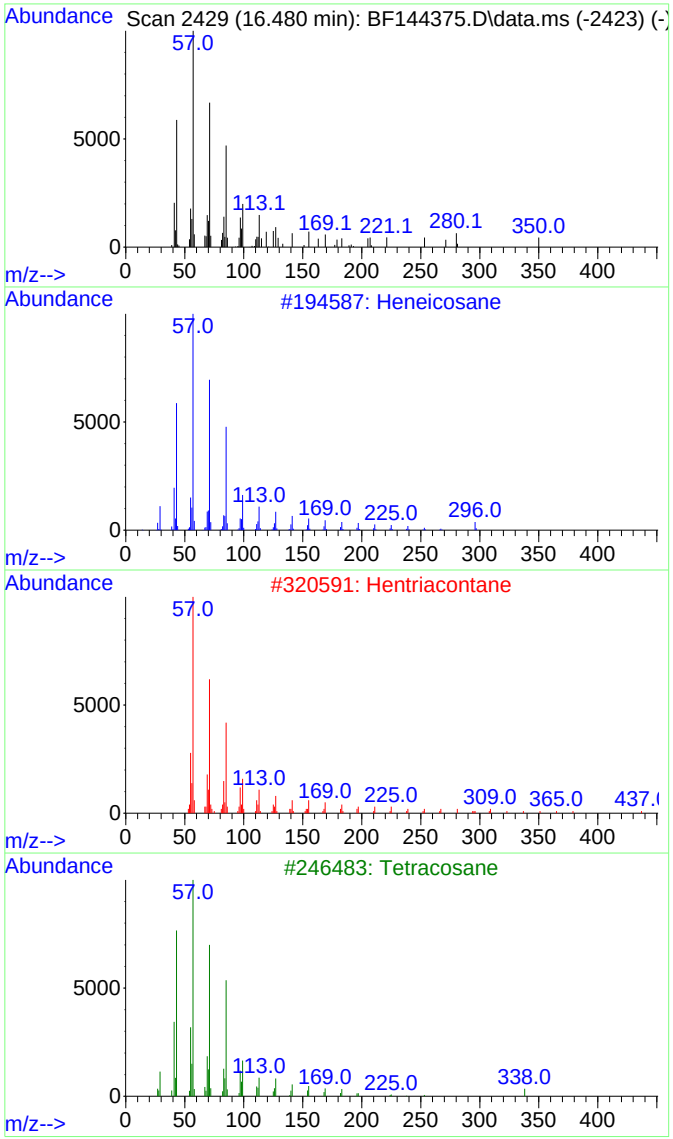
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

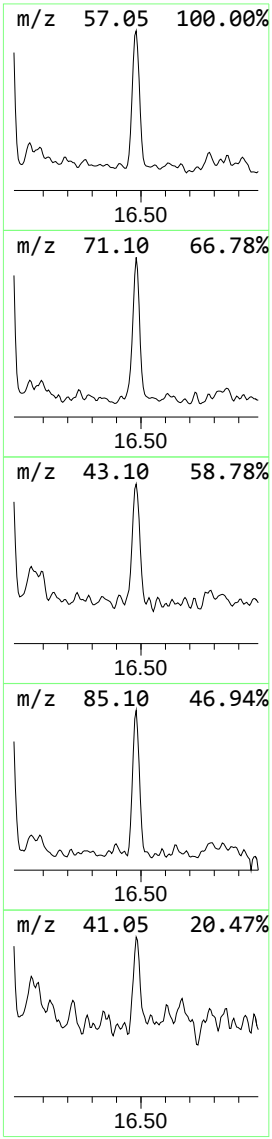
**********

Peak Number 6 Heneicosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.480 | 2.19 ng | 53346 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 2 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 87 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 4 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 87 |
| 5 | Docosane | 310 | C22H46 | 000629-97-0 | 87 |



Sample Results: **BF144375.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144375.D
Acq On : 26 Nov 2025 22:13
Operator : RC/JU
Sample : Q3719-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-16B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.610 | 5.5 | ng | 116428 | 3 | 9.898 | 424616 | 20.0 |
| Tridecanoic acid | 11.916 | 7.4 | ng | 142324 | 4 | 11.392 | 384077 | 20.0 |
| Tetracosyl hept... | 13.880 | 3.8 | ng | 99733 | 5 | 14.039 | 530651 | 20.0 |
| Hentriacontane | 15.968 | 2.4 | ng | 58539 | 6 | 15.521 | 487852 | 20.0 |
| Heneicosane | 16.480 | 2.2 | ng | 53346 | 6 | 15.521 | 487852 | 20.0 |

Raw Data: **BF144413.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-17A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-13 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 86.3 |
| Sample Wt/Vol: | 30.08 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 180 | U | 1 | 180 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 108-95-2 | Phenol | 25.5 | U | 1 | 25.5 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 28.1 | U | 1 | 28.1 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 28.2 | U | 1 | 28.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 95-48-7 | 2-Methylphenol | 34.6 | U | 1 | 34.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 43.3 | U | 1 | 43.3 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 98-86-2 | Acetophenone | 34.1 | U | 1 | 34.1 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 47.5 | U | 1 | 47.5 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 54.8 | U | 1 | 54.8 | 92.5 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 67-72-1 | Hexachloroethane | 20.3 | U | 1 | 20.3 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 98-95-3 | Nitrobenzene | 21.1 | U | 1 | 21.1 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 78-59-1 | Isophorone | 37.9 | U | 1 | 37.9 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 67.3 | U | 1 | 67.3 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 74.9 | U | 1 | 74.9 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 35.6 | U | 1 | 35.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 32.7 | U | 1 | 32.7 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 91-20-3 | Naphthalene | 26.2 | U | 1 | 26.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 40.9 | U | 1 | 40.9 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 29.2 | U | 1 | 29.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 105-60-2 | Caprolactam | 60.2 | U | 1 | 60.2 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 33.2 | U | 1 | 33.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 29.6 | U | 1 | 29.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 130 | U | 1 | 130 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 22.9 | U | 1 | 22.9 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 33.6 | U | 1 | 33.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 25.2 | U | 1 | 25.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 26.0 | U | 1 | 26.0 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 55.6 | U | 1 | 55.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 131-11-3 | Dimethylphthalate | 31.3 | U | 1 | 31.3 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 208-96-8 | Acenaphthylene | 33.4 | U | 1 | 33.4 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 38.8 | U | 1 | 38.8 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 53.2 | U | 1 | 53.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 83-32-9 | Acenaphthene | 24.6 | U | 1 | 24.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 1 | 260 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 120 | U | 1 | 120 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 132-64-9 | Dibenzofuran | 26.2 | U | 1 | 26.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 57.9 | U | 1 | 57.9 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 84-66-2 | Diethylphthalate | 32.7 | U | 1 | 32.7 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30.9 | U | 1 | 30.9 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 86-73-7 | Fluorene | 29.2 | U | 1 | 29.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 74.2 | U | 1 | 74.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 120 | U | 1 | 120 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |

Raw Data: **BF144413.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-17A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-13 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 86.3 |
| Sample Wt/Vol: | 30.08 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 38.0 | U | 1 | 38.0 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 32.1 | U | 1 | 32.1 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 29.2 | U | 1 | 29.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 1912-24-9 | Atrazine | 39.3 | U | 1 | 39.3 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 87-86-5 | Pentachlorophenol | 59.3 | U | 1 | 59.3 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 85-01-8 | Phenanthrene | 370 | | 1 | 24.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 120-12-7 | Anthracene | 88.9 | J | 1 | 38.5 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 86-74-8 | Carbazole | 36.1 | U | 1 | 36.1 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 55.4 | U | 1 | 55.4 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 206-44-0 | Fluoranthene | 800 | | 1 | 34.7 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 129-00-0 | Pyrene | 630 | | 1 | 41.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 93.6 | J | 1 | 82.5 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 42.4 | U | 1 | 42.4 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 320 | | 1 | 26.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 218-01-9 | Chrysene | 320 | | 1 | 23.0 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 68.4 | U | 1 | 68.4 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 100 | U | 1 | 100 | 380 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 390 | | 1 | 22.0 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 180 | J | 1 | 25.9 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 300 | | 1 | 34.1 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 130 | J | 1 | 33.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 31.7 | U | 1 | 31.7 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 160 | J | 1 | 29.7 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 29.6 | U | 1 | 29.6 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 52.2 | U | 1 | 52.2 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 31.7 | U | 1 | 31.7 | 200 | ug/Kg | 12/02/25 20:18 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 78.9 | | | 10 - 105 | 53% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 78.1 | | | 10 - 103 | 52% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 54.4 | | | 10 - 108 | 54% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 51.4 | | | 10 - 108 | 51% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 76.1 | | | 10 - 116 | 51% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 53.6 | | | 10 - 109 | 54% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 38100 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 134000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 71500 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 142000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 101000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 83800 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000119-61-9 | Benzophenone | 230 | J | | | 10.6 | ug/Kg | | |
| 006145-73-9 | Tris(2-chloropropyl) phosphate | 130 | J | | | 11.3 | ug/Kg | | |

Raw Data: **BF144413.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-17A | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-13 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 86.3 |
| Sample Wt/Vol: | 30.08 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000057-10-3 | n-Hexadecanoic acid | 280 | J | | | 11.9 | 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

Sample Results: **BF144413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 02 23:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 38060 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 134068 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 71503 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 142069 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.045 | 240 | 101218 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 83845 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 191784 | 78.854 | ng | | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 215365 | 78.149 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 126256 | 54.390 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 68246 | 76.059 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 248707 | 51.372 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 341617 | 53.610 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 68562 | 9.693 | ng | | 99 |
| 72) Anthracene | 11.469 | 178 | 16600 | 2.308 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 151729 | 20.765 | ng | | 98 |
| 78) Pyrene | 12.839 | 202 | 133509 | 16.359 | ng | | 97 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 6876 | 2.431 | ng | # | 86 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 58967 | 8.406 | ng | # | 93 |
| 83) Chrysene | 14.069 | 228 | 53954 | 8.331 | ng | # | 92 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 20979 | 3.486 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 48783m | 10.234 | ng | | |
| 89) Benzo(k)fluoranthene | 15.110 | 252 | 20440m | 4.581 | ng | | |
| 90) Benzo(a)pyrene | 15.468 | 252 | 33904 | 7.710 | ng | # | 85 |
| 92) Benzo(g,h,i)perylene | 17.498 | 276 | 20002 | 4.190 | ng | # | 92 |

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

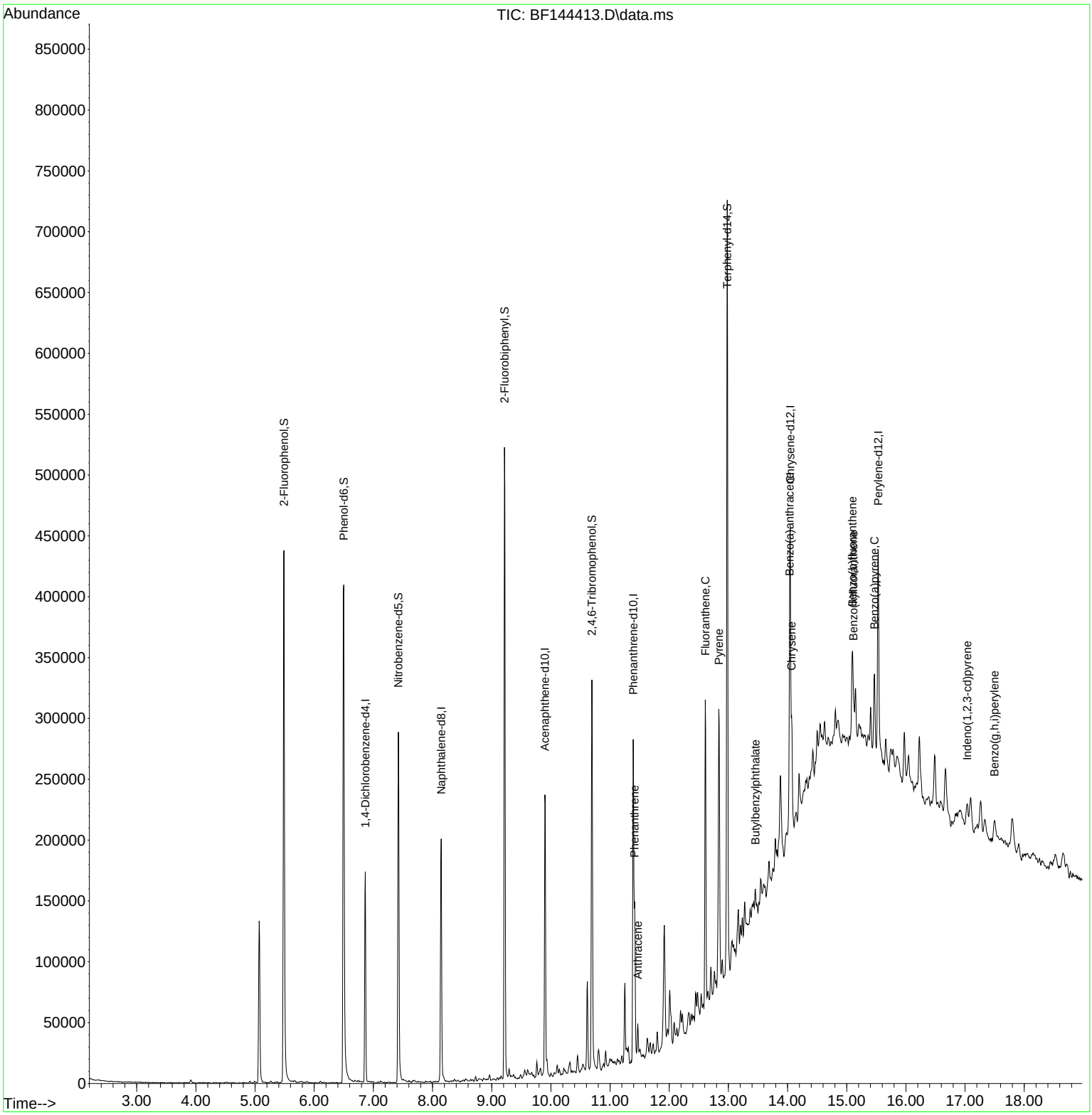
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

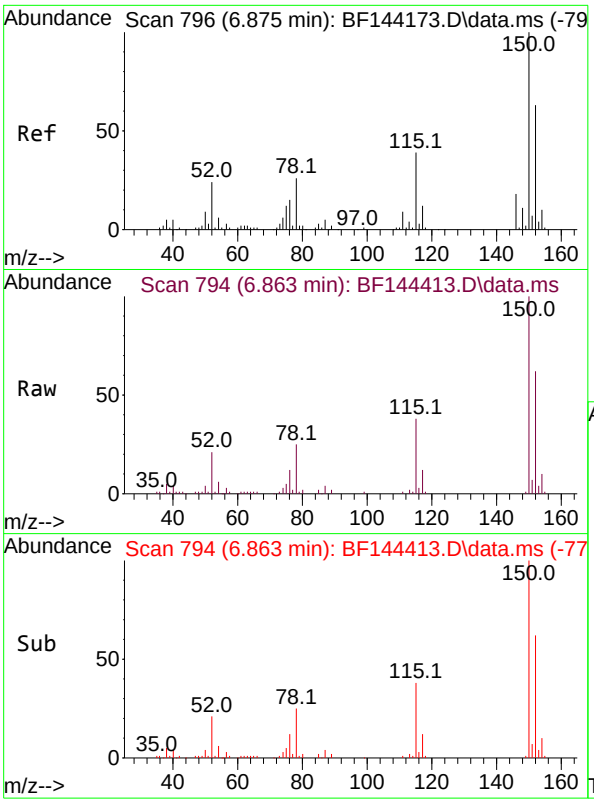
Quant Time: Dec 02 23:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

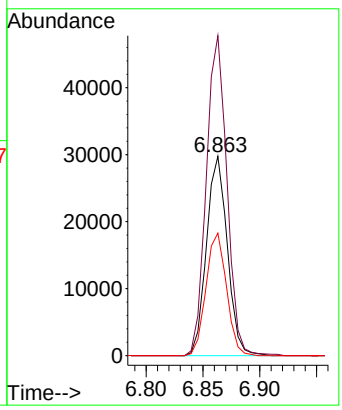





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:152 Resp: 3806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.6 | 127.4 | 191.0 |
| 115 | 61.4 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/03/2025
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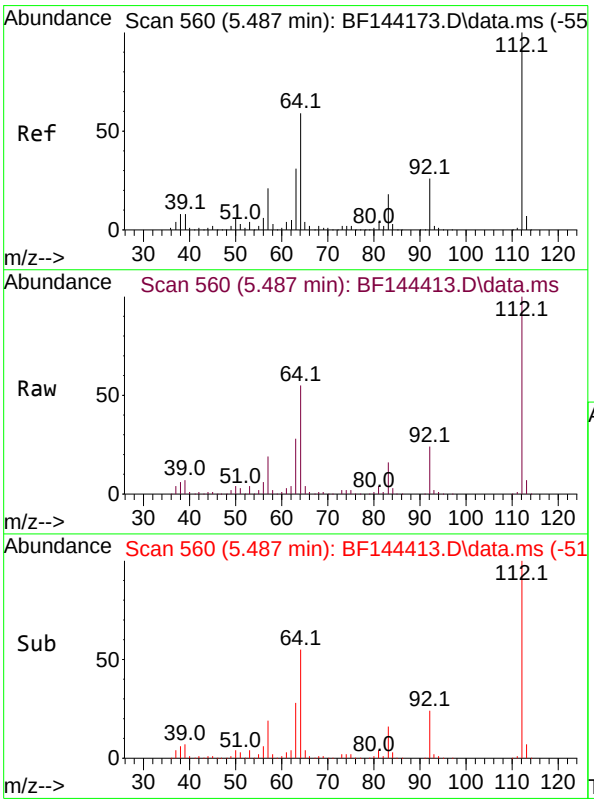
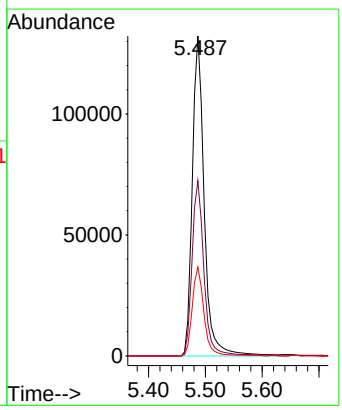
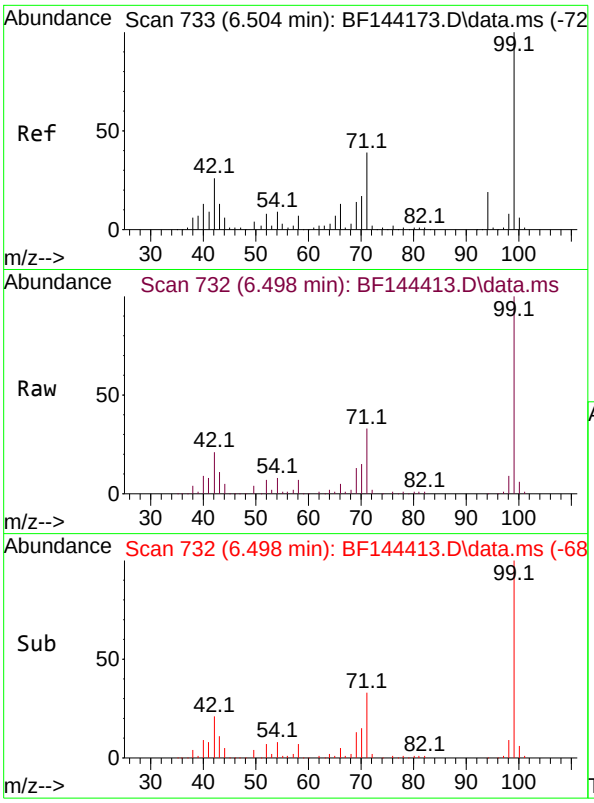



#5
2-Fluorophenol
Concen: 78.854 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:112 Resp: 191784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.8 | 47.2 | 70.8 |
| 63 | 27.7 | 24.4 | 36.6 |

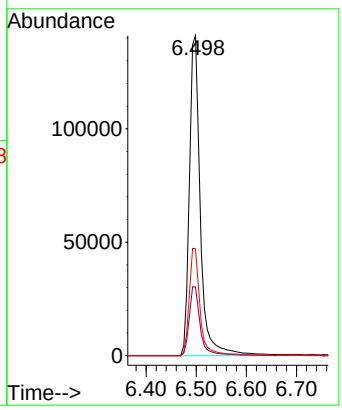





#7
Phenol-d6
Concen: 78.149 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion: 99 Resp: 21536

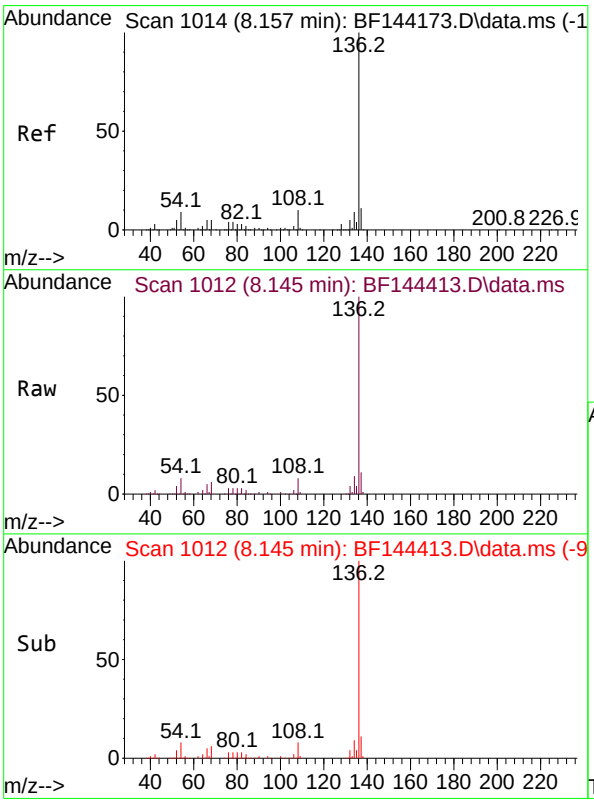
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 20.9 | 31.3 |
| 71 | 33.4 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
**APPROVED**

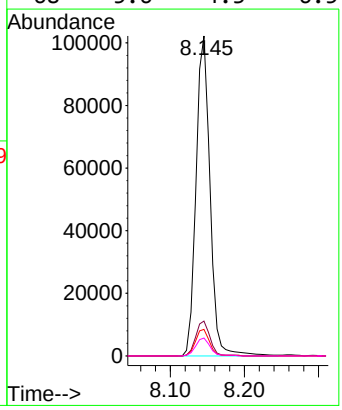
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

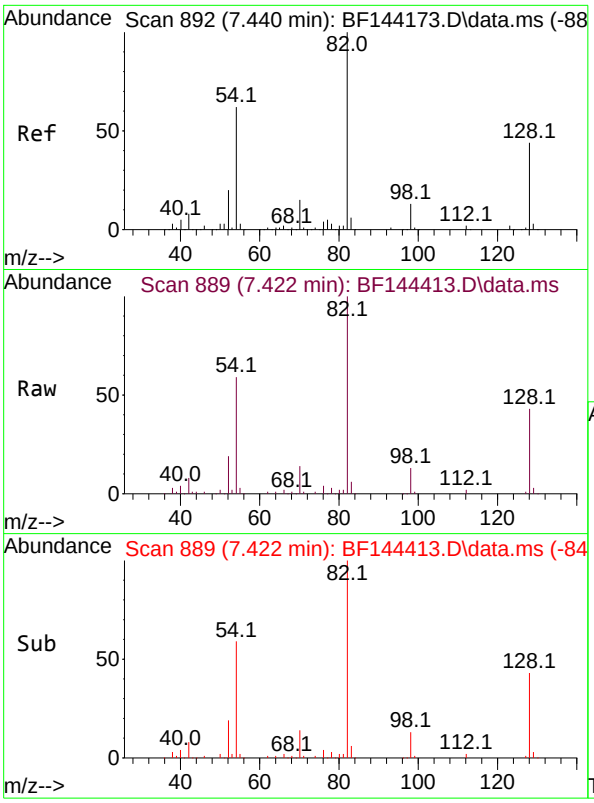



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:136 Resp: 134068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 8.3 | 7.0 | 10.6 |
| 68 | 5.6 | 4.3 | 6.5 |

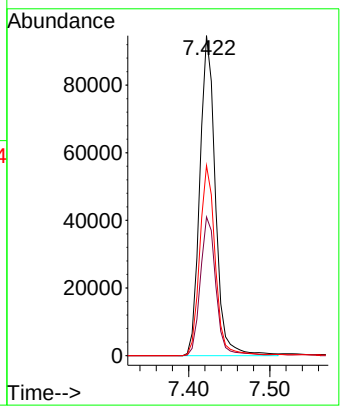





#23
Nitrobenzene-d5
Concen: 54.390 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion: 82 Resp: 12625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 34.7 | 52.1 |
| 54 | 59.4 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
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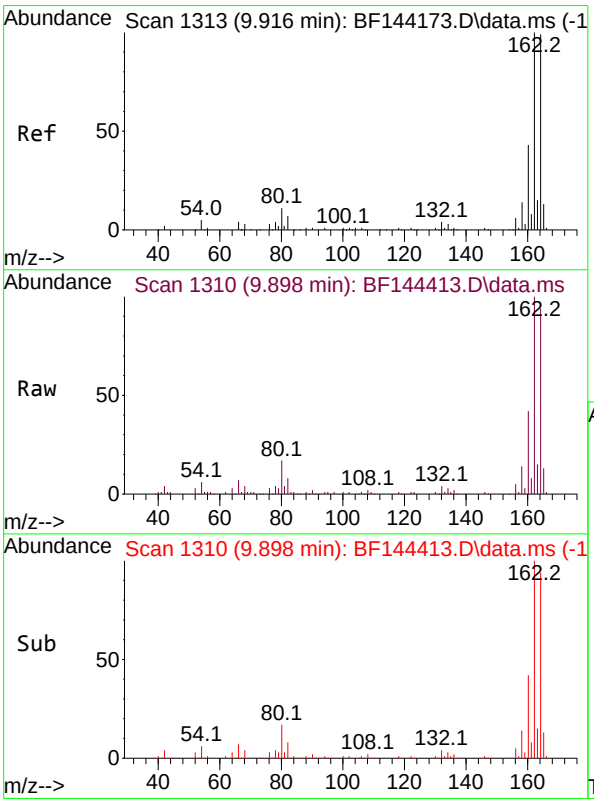
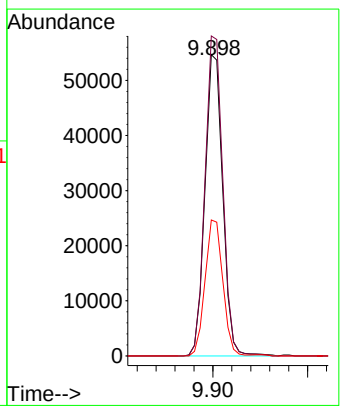
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

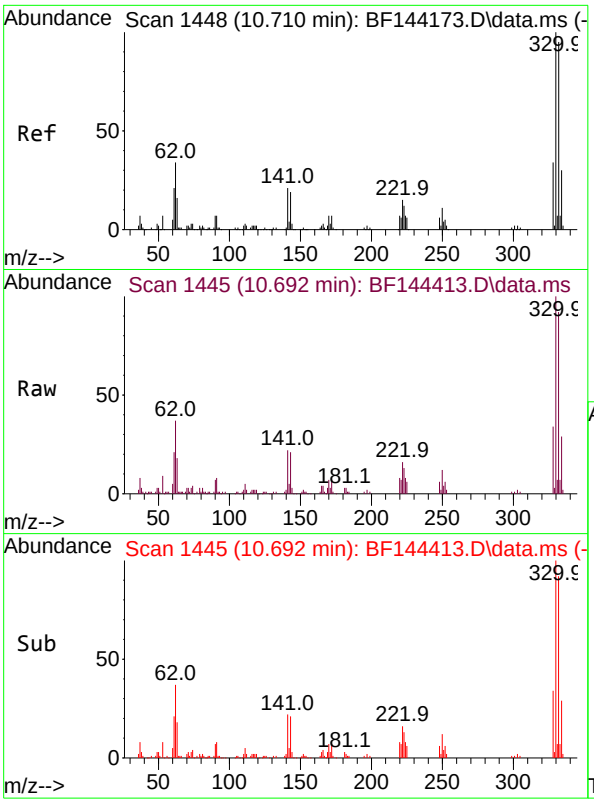



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:164 Resp: 71503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.2 | 81.1 | 121.7 |
| 160 | 45.1 | 34.5 | 51.7 |

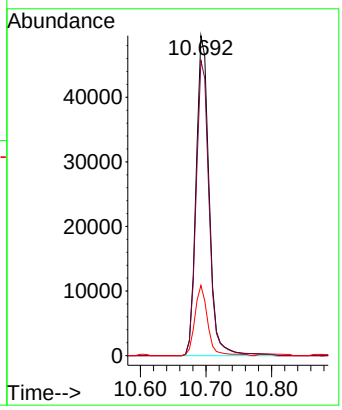





#42
2,4,6-Tribromophenol
Concen: 76.059 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:330 Resp: 6824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.5 | 76.7 | 115.1 |
| 141 | 21.5 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
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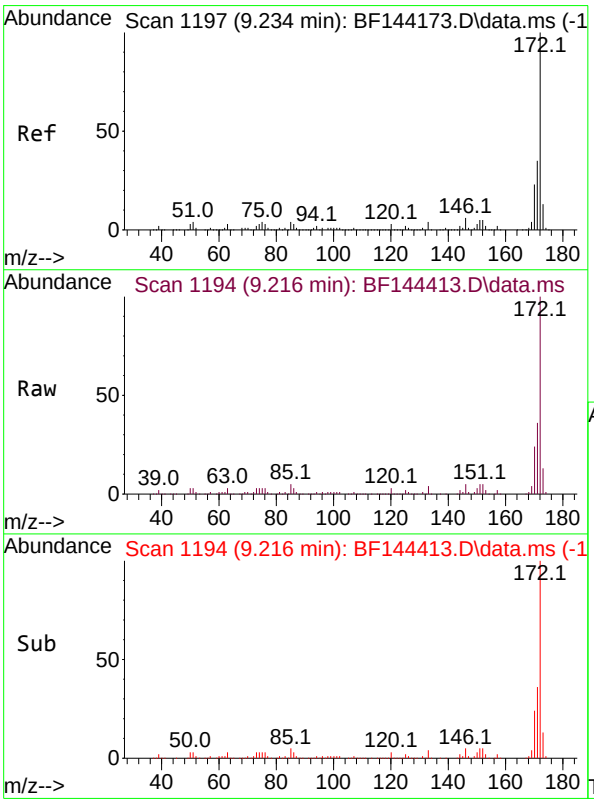
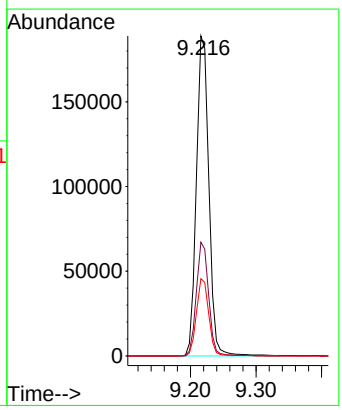
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

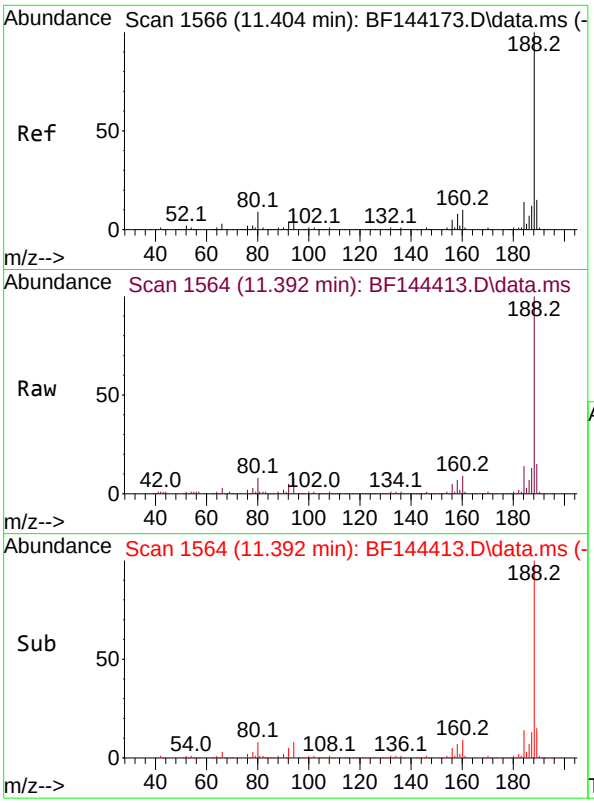



#45
2-Fluorobiphenyl
Concen: 51.372 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:172 Resp: 248707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.1 | 42.1 |
| 170 | 24.1 | 18.6 | 28.0 |

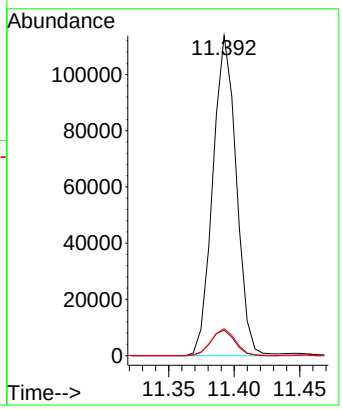





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:188 Resp: 14206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 6.2 | 9.2 |
| 80 | 8.4 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 12/03/2025
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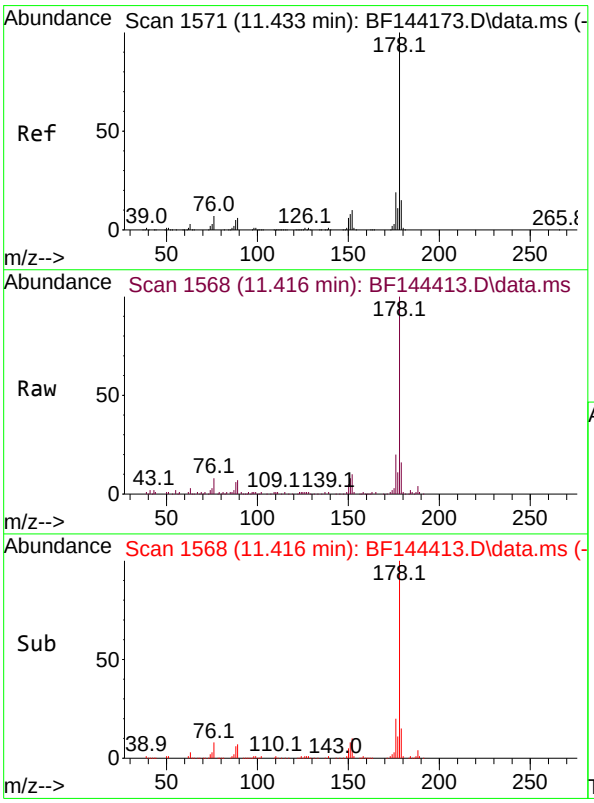
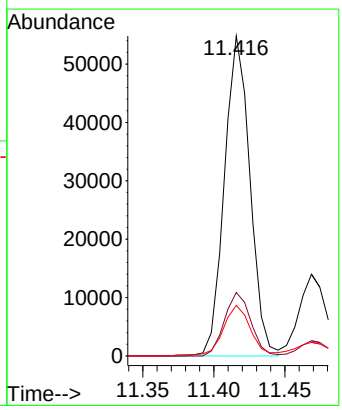
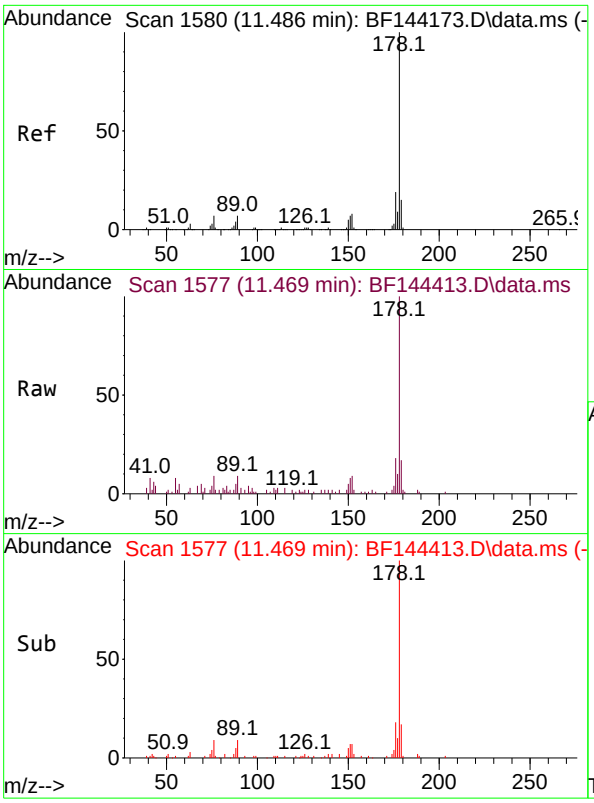



#71
Phenanthrene
Concen: 9.693 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:178 Resp: 68562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.5 | 23.3 |
| 179 | 15.8 | 12.2 | 18.4 |

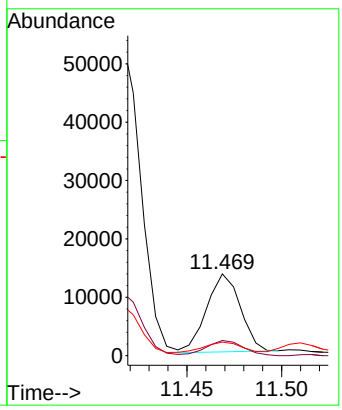





#72
Anthracene
Concen: 2.308 ng
RT: 11.469 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:178 Resp: 1660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.3 | 22.9 |
| 179 | 16.6 | 12.0 | 18.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
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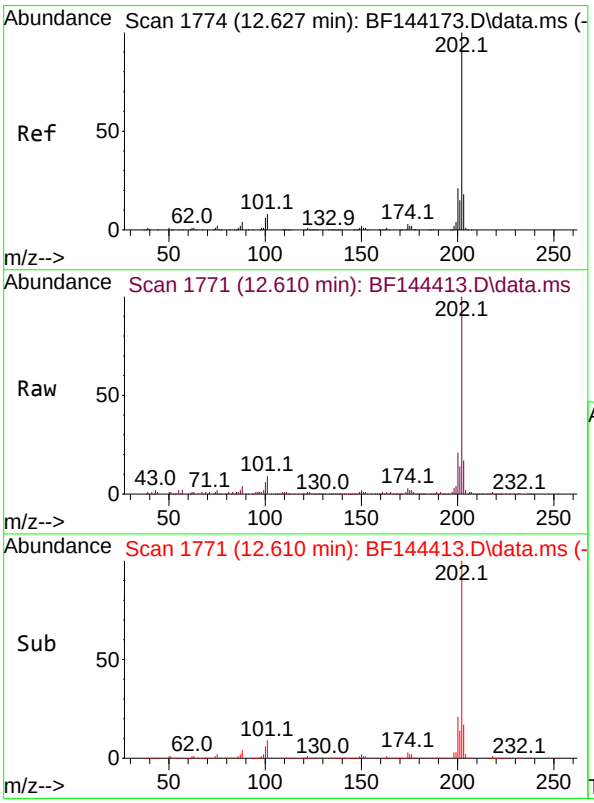
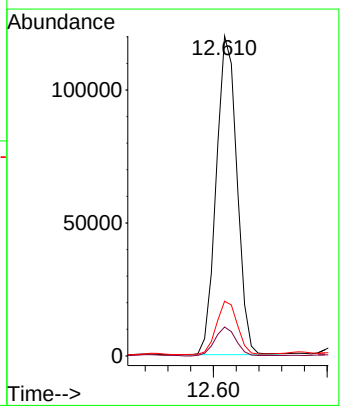
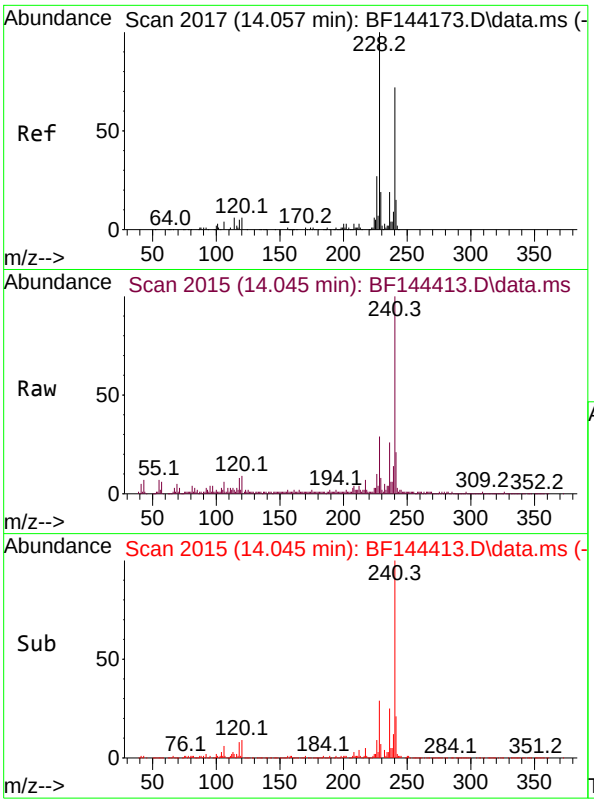



#75
Fluoranthene
Concen: 20.765 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:202 Resp: 151729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.0 | 0.0 | 27.9 |
| 203 | 17.1 | 0.0 | 37.5 |

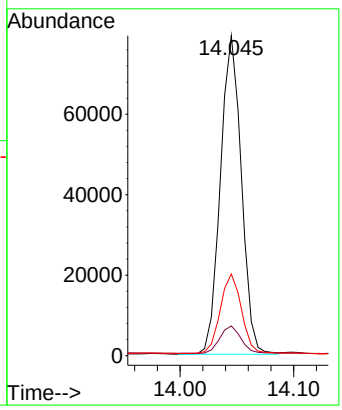





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:240 Resp: 10121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 6.6 | 10.0 |
| 236 | 25.5 | 21.4 | 32.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
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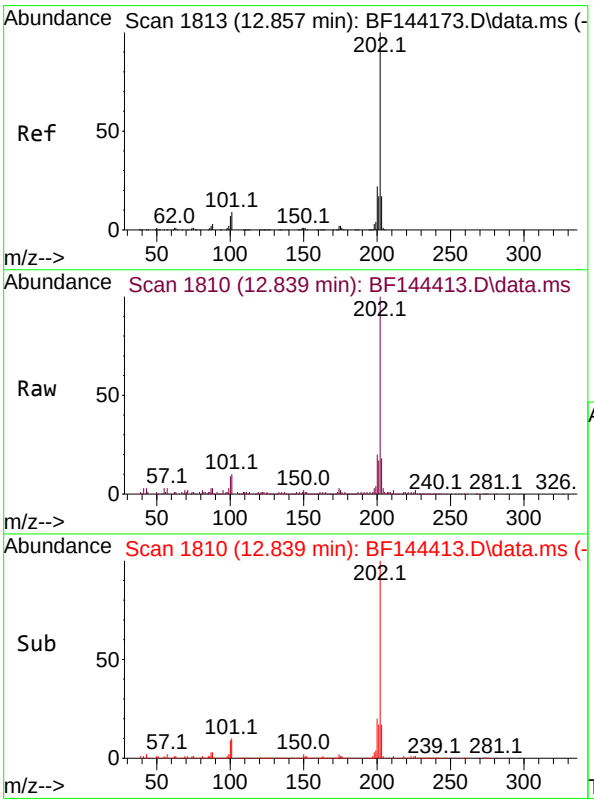
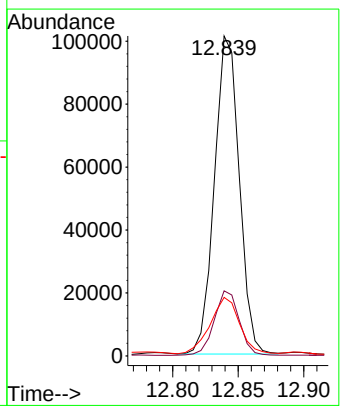
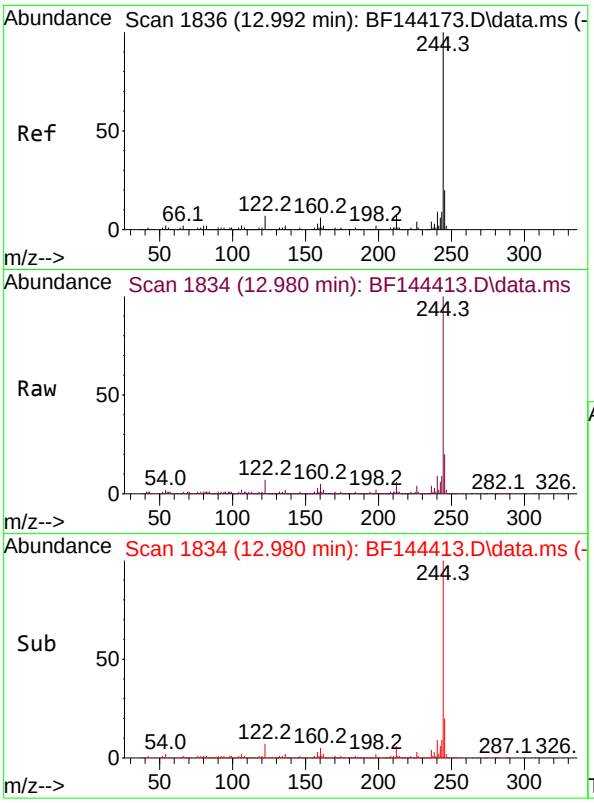



#78
Pyrene
Concen: 16.359 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:202 Resp: 133509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.3 | 17.2 | 25.8 |
| 203 | 18.3 | 13.7 | 20.5 |

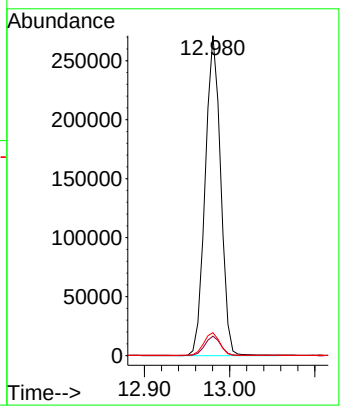





#79
Terphenyl-d14
Concen: 53.610 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:244 Resp: 34161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.3 | 7.9 |
| 122 | 7.2 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

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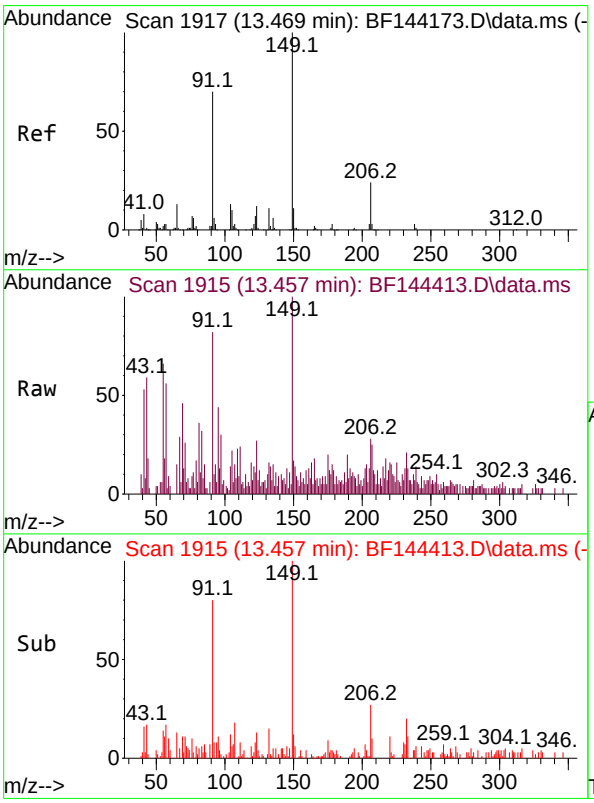
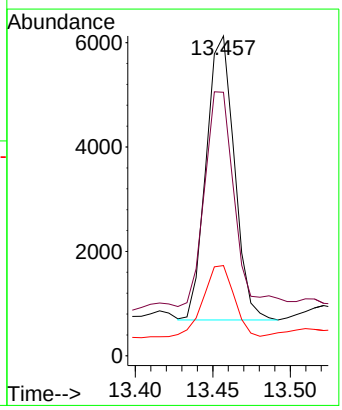
Supervised By :Sohil Jodhani 12/03/2025

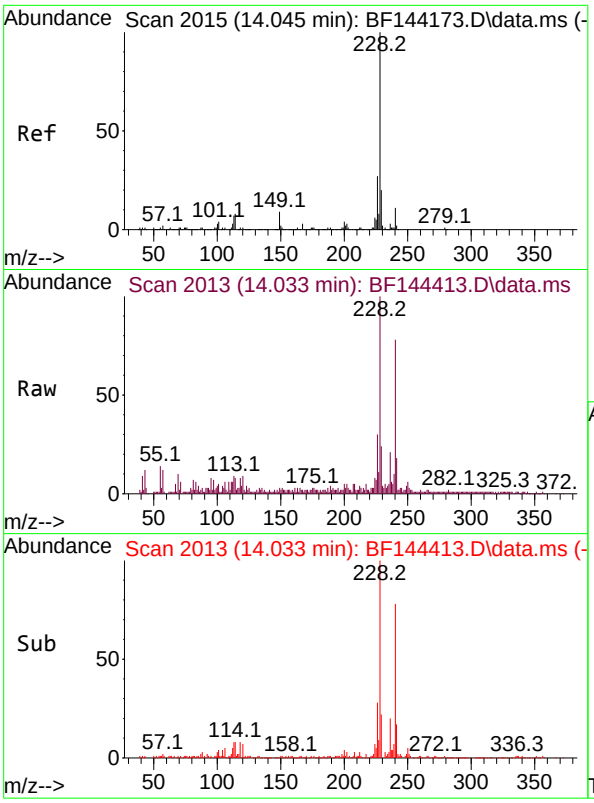



#80
Butylbenzylphthalate
Concen: 2.431 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:149 Resp: 6876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 82.4 | 56.1 | 84.1 |
| 206 | 28.2 | 18.8 | 28.2# |

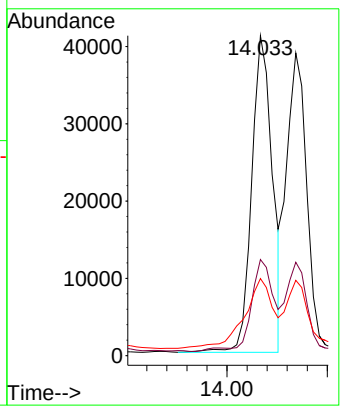





#81
Benzo(a)anthracene
Concen: 8.406 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:228 Resp: 5896

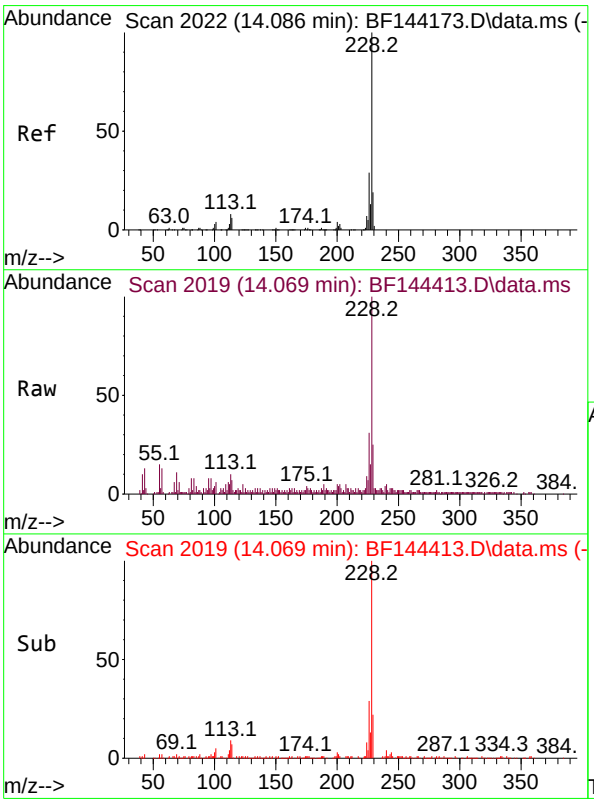
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 21.8 | 32.8 |
| 229 | 24.1 | 15.8 | 23.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
**APPROVED**

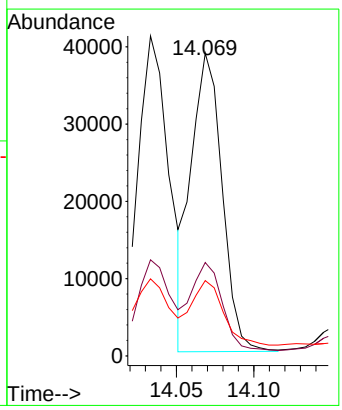
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

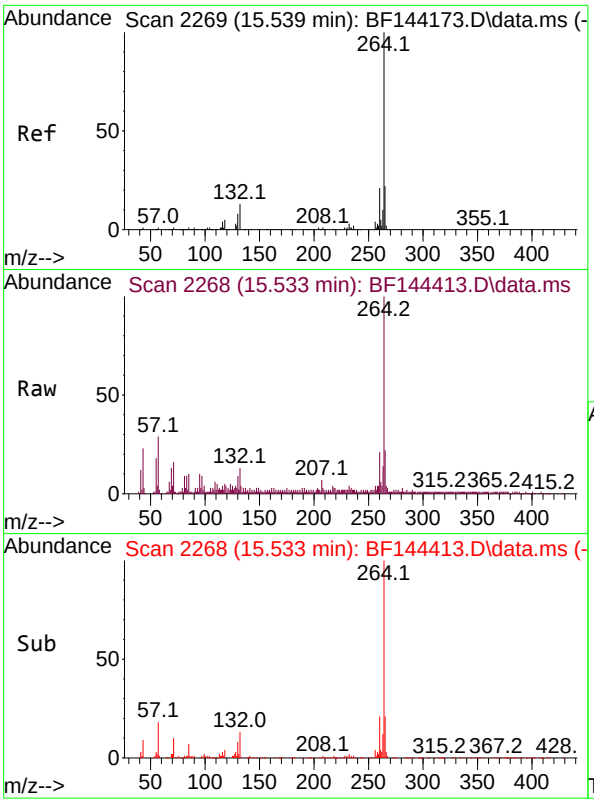



#83
Chrysene
Concen: 8.331 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:228 Resp: 53954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 22.9 | 34.3 |
| 229 | 24.8 | 15.0 | 22.6# |

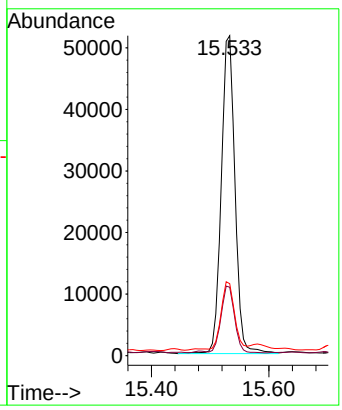





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:264 Resp: 8384

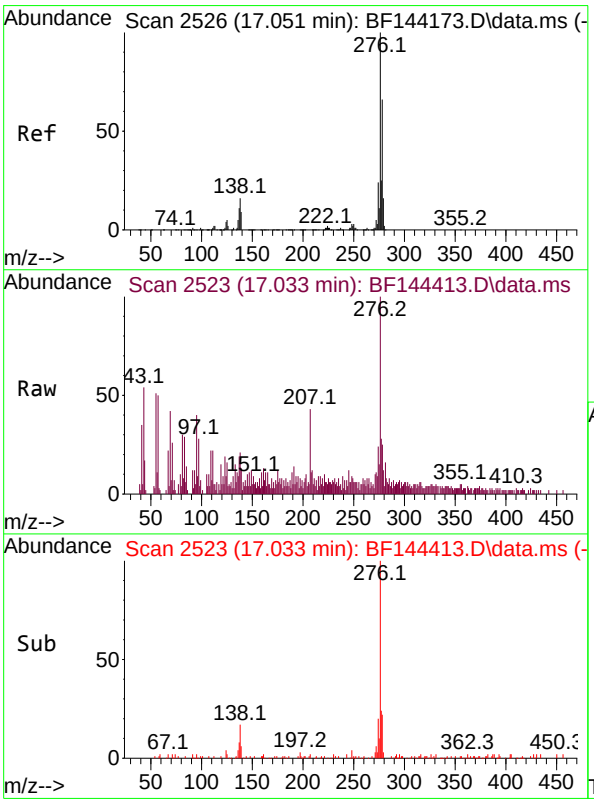
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.4 | 17.1 | 25.7 |
| 265 | 22.5 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
**APPROVED**

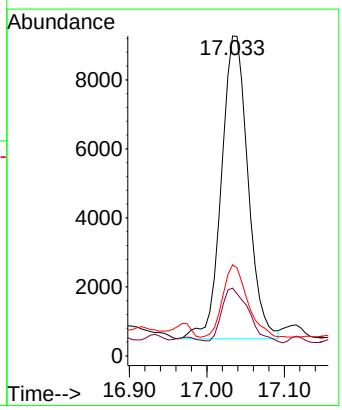
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

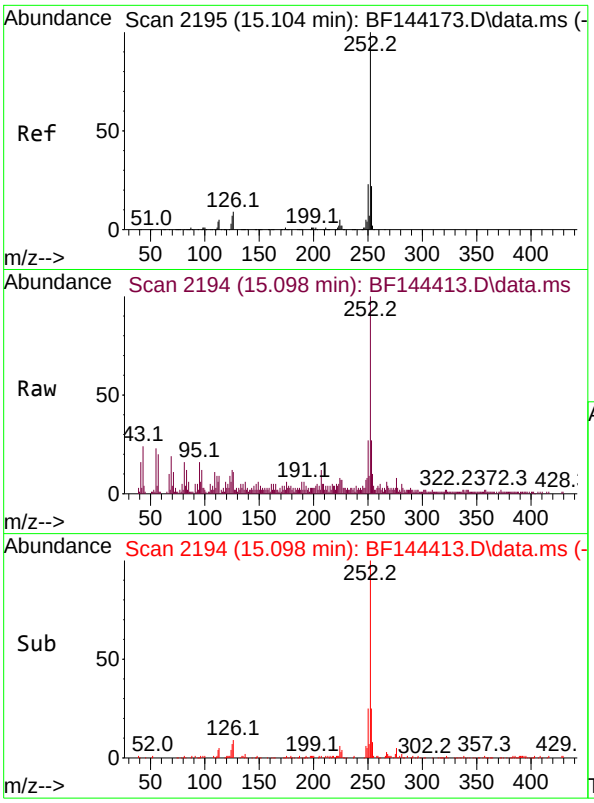



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.486 ng
RT: 17.033 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:276 Resp: 20979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.6 | 13.9 | 20.9 |
| 277 | 22.5 | 19.8 | 29.6 |






#88
Benzo(b)fluoranthene
Concen: 10.234 ng m
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

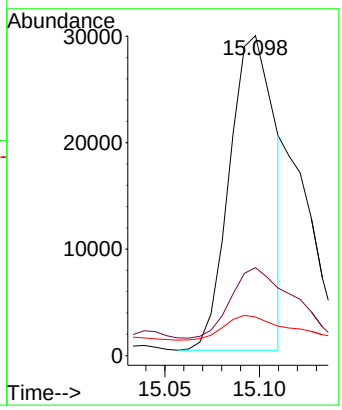
Tgt Ion:252 Resp: 4878

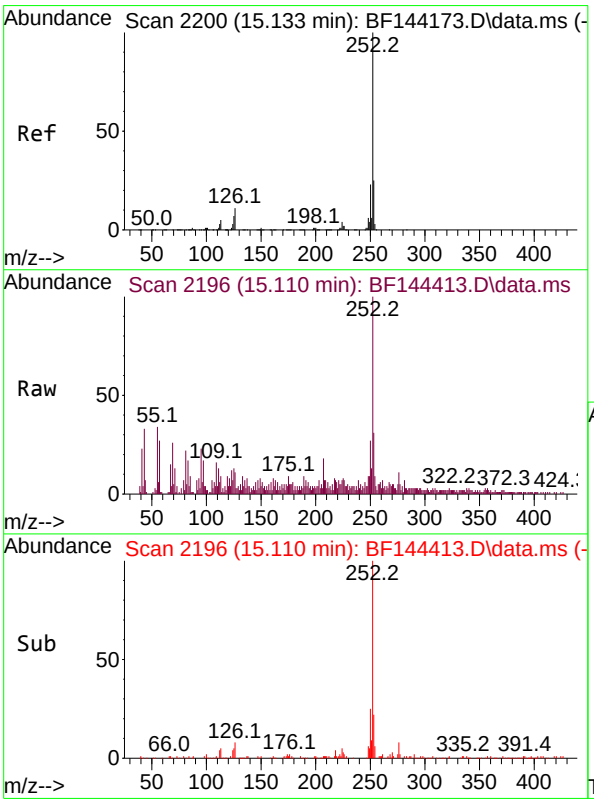
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.5 | 17.4 | 26.2# |
| 125 | 12.1 | 5.3 | 7.9# |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

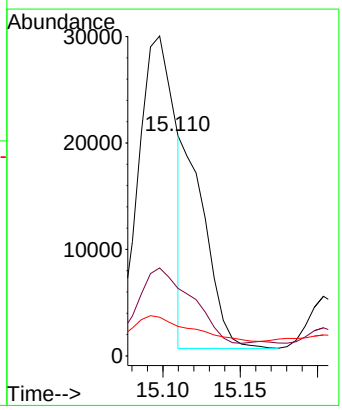


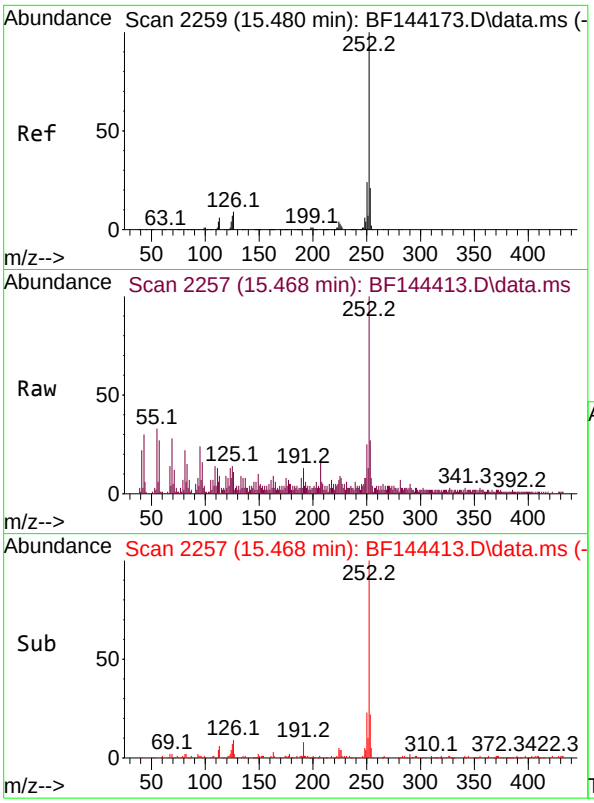




#89
Benzo(k)fluoranthene
Concen: 4.581 ng m
RT: 15.110 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:252 Resp: 20440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.7 | 18.0 | 27.0# |
| 125 | 13.4 | 5.4 | 8.2# |

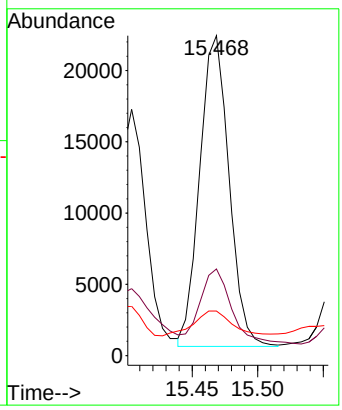





#90
Benzo(a)pyrene
Concen: 7.710 ng
RT: 15.468 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:252 Resp: 3390

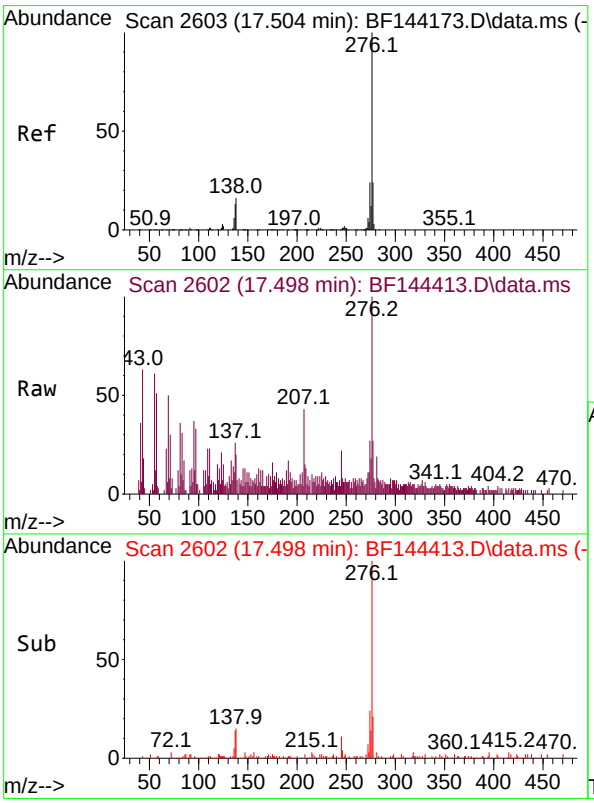
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.1 | 16.7 | 25.1# |
| 125 | 13.9 | 5.7 | 8.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

**Manual Integrations**
**APPROVED**

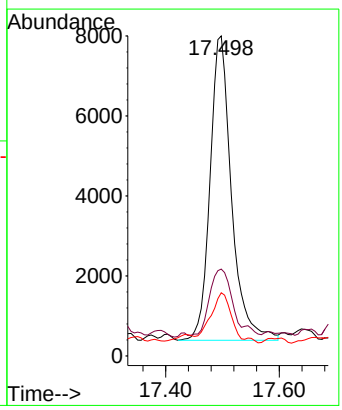
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025




#92
Benzo(g,h,i)perylene
Concen: 4.190 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BF144413.D
Acq: 02 Dec 2025 20:18

Tgt Ion:276 Resp: 20002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 27.1 | 19.0 | 28.4 |
| 138 | 19.7 | 12.9 | 19.3# |



Sample Results: **BF144413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144413.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.069 | 483 | 489 | 499 | rBV | 132969 | 196431 | 23.67% | 2.664% |
| 2 | 5.487 | 555 | 560 | 580 | rVB | 436290 | 618614 | 74.54% | 8.391% |
| 3 | 6.498 | 726 | 732 | 748 | rBV | 409055 | 621298 | 74.87% | 8.427% |
| 4 | 6.863 | 789 | 794 | 802 | rBV | 172780 | 216505 | 26.09% | 2.937% |
| 5 | 7.422 | 884 | 889 | 900 | rBV | 287581 | 382099 | 46.04% | 5.183% |
| 6 | 8.145 | 1004 | 1012 | 1024 | rBV | 199927 | 271495 | 32.72% | 3.682% |
| 7 | 9.216 | 1189 | 1194 | 1203 | rBV | 518976 | 663470 | 79.95% | 8.999% |
| 8 | 9.292 | 1203 | 1207 | 1211 | rVV2 | 6463 | 8506 | 1.02% | 0.115% |
| 9 | 9.557 | 1245 | 1252 | 1257 | rBV10 | 6581 | 14010 | 1.69% | 0.190% |
| 10 | 9.763 | 1283 | 1287 | 1291 | rBV | 12598 | 16496 | 1.99% | 0.224% |
| 11 | 9.822 | 1291 | 1297 | 1302 | rVV4 | 7142 | 15650 | 1.89% | 0.212% |
| 12 | 9.898 | 1303 | 1310 | 1315 | rVV | 231717 | 313730 | 37.81% | 4.255% |
| 13 | 9.934 | 1315 | 1316 | 1325 | rVB3 | 13894 | 14499 | 1.75% | 0.197% |
| 14 | 10.322 | 1375 | 1382 | 1386 | rBV6 | 9197 | 18029 | 2.17% | 0.245% |
| 15 | 10.451 | 1399 | 1404 | 1410 | rBV2 | 13982 | 21929 | 2.64% | 0.297% |
| 16 | 10.539 | 1416 | 1419 | 1426 | rVB7 | 4598 | 8639 | 1.04% | 0.117% |
| 17 | 10.616 | 1427 | 1432 | 1438 | rBV | 72410 | 94758 | 11.42% | 1.285% |
| 18 | 10.692 | 1440 | 1445 | 1459 | rVB | 319504 | 431473 | 51.99% | 5.852% |
| 19 | 10.804 | 1460 | 1464 | 1472 | rVB3 | 16983 | 32137 | 3.87% | 0.436% |
| 20 | 10.892 | 1473 | 1479 | 1481 | rBV6 | 5121 | 8791 | 1.06% | 0.119% |
| 21 | 10.928 | 1481 | 1485 | 1491 | rBV | 12673 | 17985 | 2.17% | 0.244% |
| 22 | 11.251 | 1535 | 1540 | 1543 | rBV | 64886 | 85834 | 10.34% | 1.164% |
| 23 | 11.392 | 1559 | 1564 | 1573 | rBV2 | 265236 | 498352 | 60.05% | 6.759% |
| 24 | 11.469 | 1573 | 1577 | 1581 | rVV | 24250 | 30028 | 3.62% | 0.407% |
| 25 | 11.628 | 1601 | 1604 | 1609 | rBV2 | 11814 | 17812 | 2.15% | 0.242% |
| 26 | 11.798 | 1629 | 1633 | 1638 | rVB2 | 16698 | 22811 | 2.75% | 0.309% |
| 27 | 11.916 | 1646 | 1653 | 1659 | rBV2 | 97782 | 180124 | 21.71% | 2.443% |
| 28 | 12.010 | 1665 | 1669 | 1677 | rVB3 | 43894 | 85715 | 10.33% | 1.163% |
| 29 | 12.086 | 1678 | 1682 | 1686 | rBV5 | 16241 | 27593 | 3.33% | 0.374% |
| 30 | 12.192 | 1697 | 1700 | 1703 | rBV | 13854 | 16546 | 1.99% | 0.224% |
| 31 | 12.445 | 1740 | 1743 | 1746 | rBV | 22469 | 30723 | 3.70% | 0.417% |
| 32 | 12.539 | 1756 | 1759 | 1762 | rBV | 16437 | 21423 | 2.58% | 0.291% |
| 33 | 12.610 | 1767 | 1771 | 1776 | rBV | 253940 | 325775 | 39.26% | 4.419% |
| 34 | 12.704 | 1784 | 1787 | 1792 | rBV2 | 24493 | 34466 | 4.15% | 0.467% |
| 35 | 12.839 | 1804 | 1810 | 1816 | rBV | 229281 | 362113 | 43.64% | 4.912% |
| 36 | 12.980 | 1829 | 1834 | 1842 | rVB | 632566 | 829857 | 100.00% | 11.256% |

Sample Results: **BF144413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.045 | 2010 | 2015 | 2026 | rVB2 | 245830 | 505374 | 60.90% | 6.855% |
| 38 | 15.533 | 2264 | 2268 | 2281 | rVB2 | 175423 | 311601 | 37.55% | 4.226% |

Sum of corrected areas: 7372691

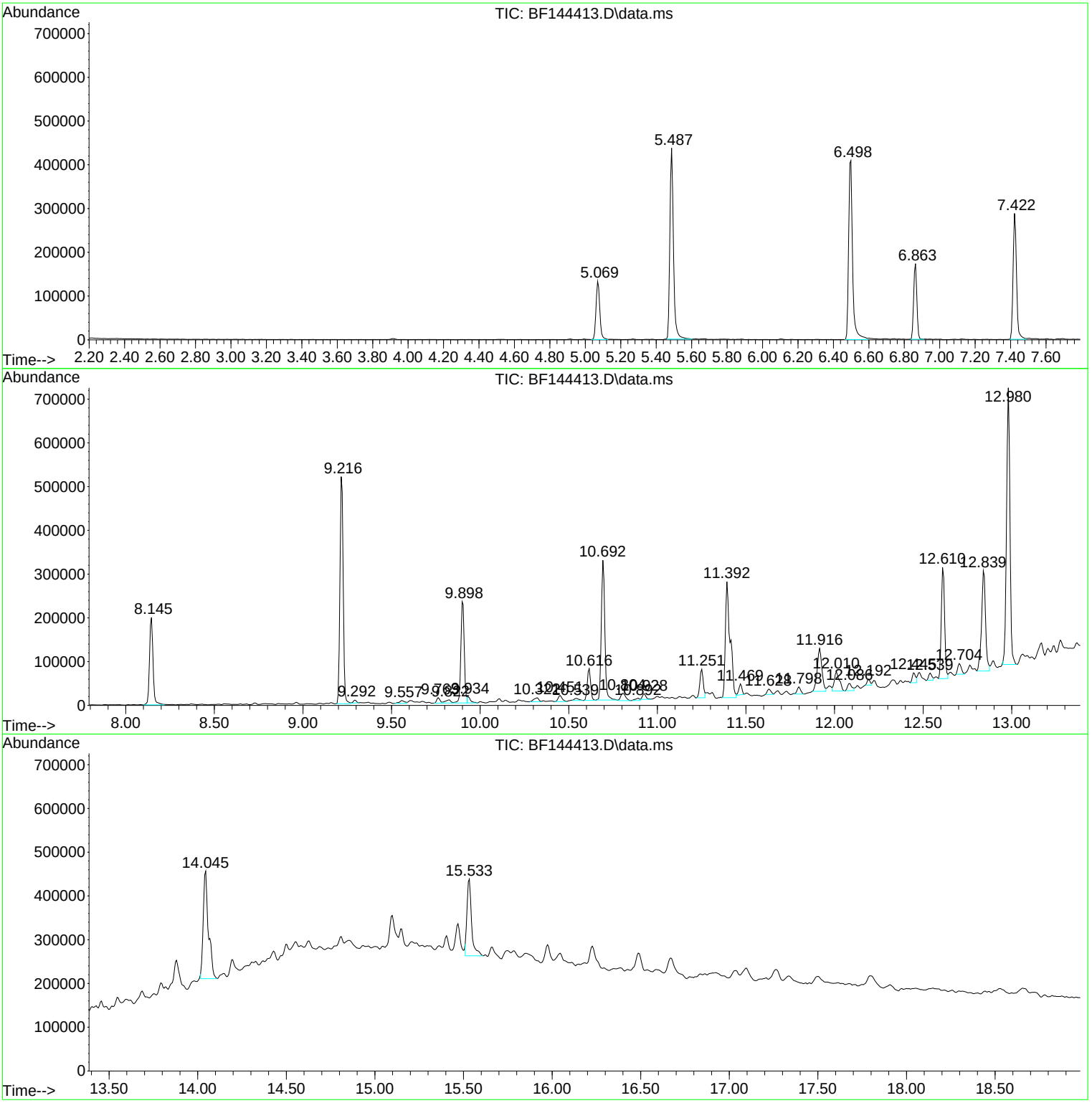
Sample Results: **BF144413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

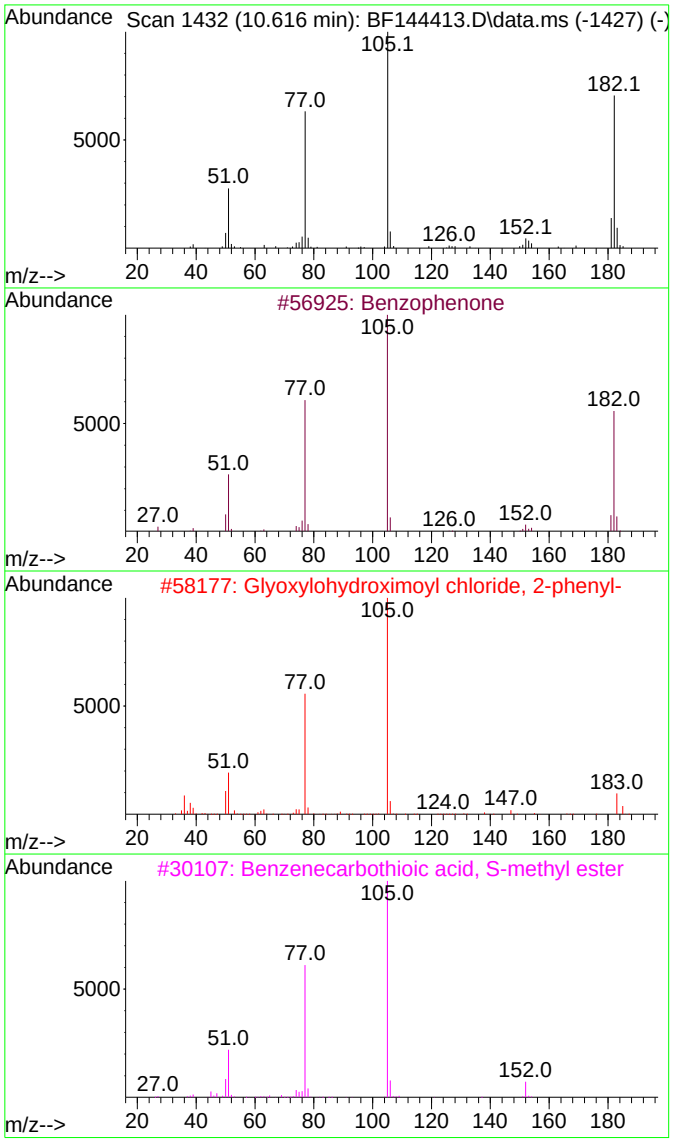
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

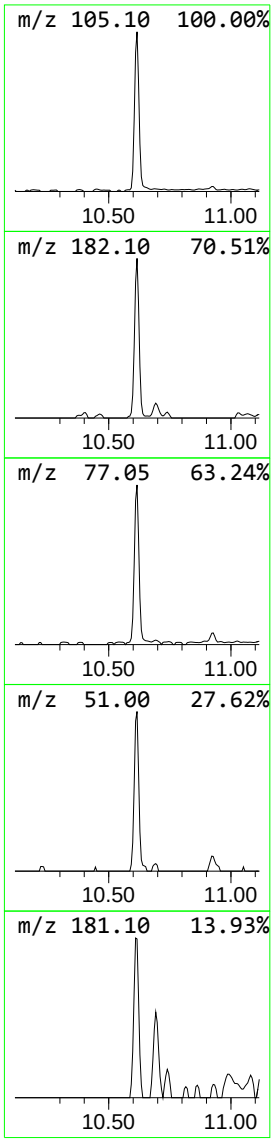
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.616 | 6.04 ng | 94758 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Glyoxylohydroximoyl chloride, 2-... | 183 | C8H6ClNO2 | 004937-87-5 | 47 |
| 3 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 43 |
| 4 | Ethanedione, diphenyl- | 210 | C14H10O2 | 000134-81-6 | 38 |
| 5 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

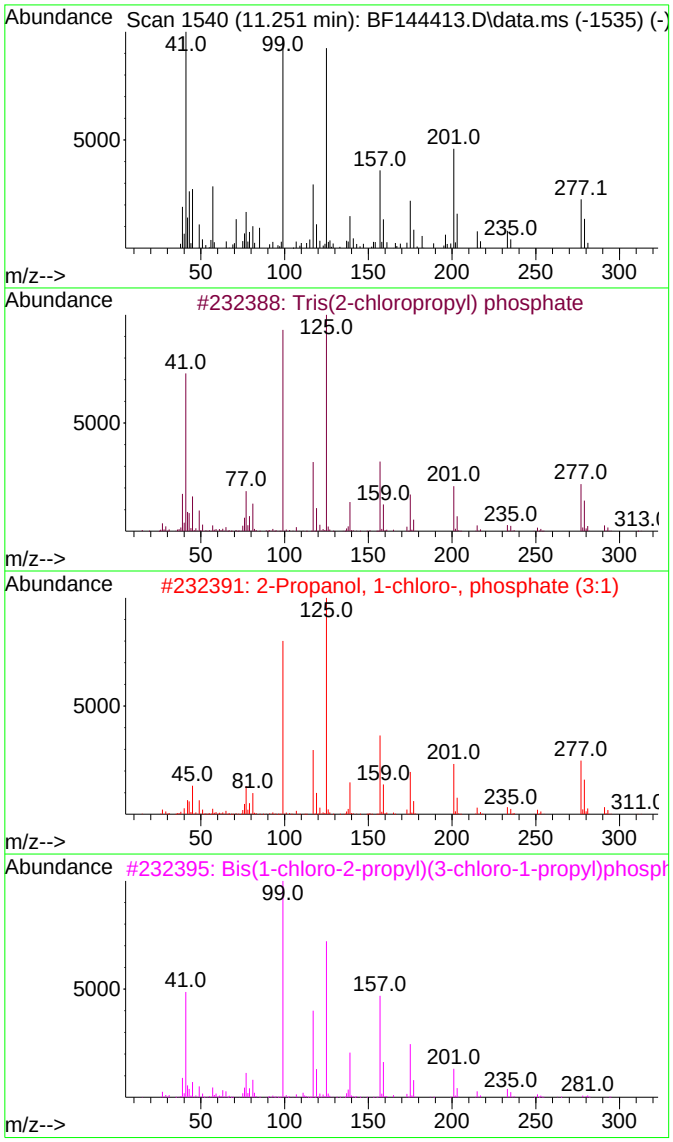
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

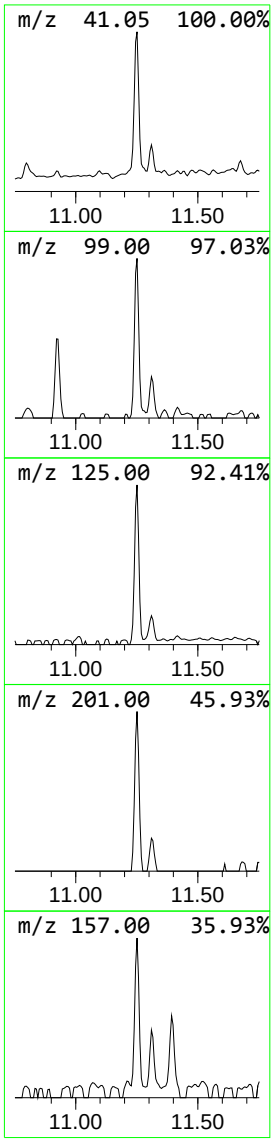
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Tris(2-chloropropyl) phosphate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.251 | 3.44 ng | 85834 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tris(2-chloropropyl) phosphate | 326 | C9H18Cl3O4P | 006145-73-9 | 90 |
| 2 | 2-Propanol, 1-chloro-, phosphate... | 326 | C9H18Cl3O4P | 013674-84-5 | 90 |
| 3 | Bis(1-chloro-2-propyl)(3-chloro-... | 326 | C9H18Cl3O4P | 137909-40-1 | 52 |
| 4 | Tris(3-chloropropyl) phosphate | 326 | C9H18Cl3O4P | 001067-98-7 | 35 |
| 5 | Bis(3-chloro-1-propyl)(1-chloro-... | 326 | C9H18Cl3O4P | 137888-35-8 | 27 |



Sample Results: **BF144413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

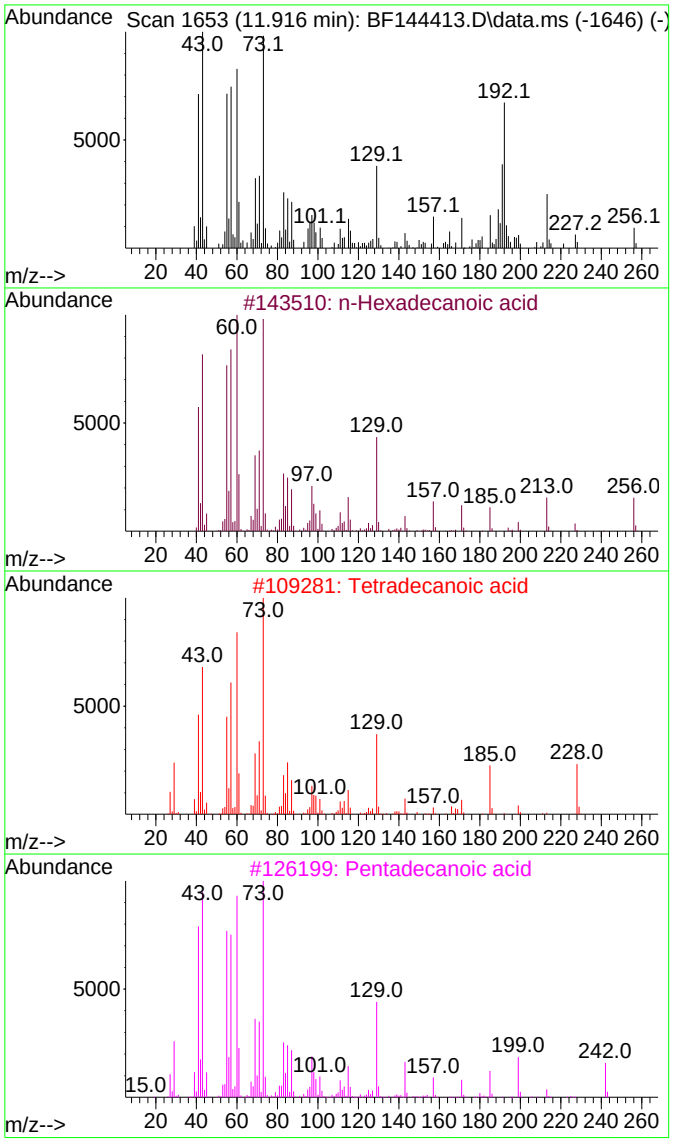
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

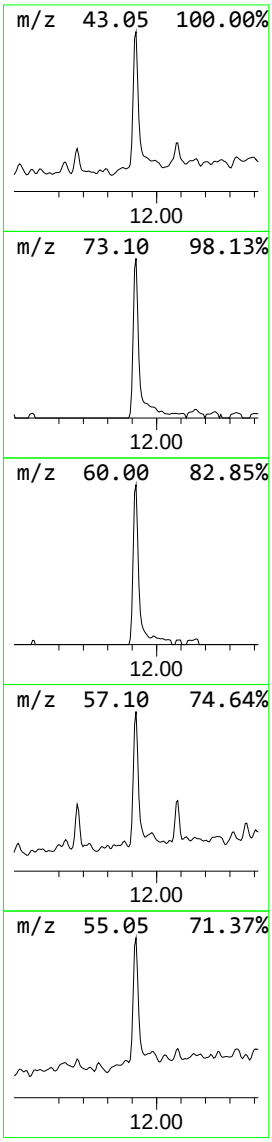
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 7.23 ng | 180124 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 60 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 55 |
| 5 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 50 |



Sample Results: **BF144413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144413.D
Acq On : 02 Dec 2025 20:18
Operator : RC/JU
Sample : Q3719-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.616 | 6.0 | ng | 94758 | 3 | 9.898 | 313730 | 20.0 |
| Tris(2-chloropr... | 11.251 | 3.4 | ng | 85834 | 4 | 11.392 | 498352 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 7.2 | ng | 180124 | 4 | 11.392 | 498352 | 20.0 |

Raw Data: **BF144395.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-17B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-14 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 84.3 |
| Sample Wt/Vol: | 30.06 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 920 | U | 5 | 920 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 108-95-2 | Phenol | 130 | U | 5 | 130 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 140 | U | 5 | 140 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 140 | U | 5 | 140 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 95-48-7 | 2-Methylphenol | 180 | U | 5 | 180 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 220 | U | 5 | 220 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 98-86-2 | Acetophenone | 170 | U | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 240 | U | 5 | 240 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 280 | U | 5 | 280 | 470 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 67-72-1 | Hexachloroethane | 100 | U | 5 | 100 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 98-95-3 | Nitrobenzene | 110 | U | 5 | 110 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 78-59-1 | Isophorone | 190 | U | 5 | 190 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 340 | U | 5 | 340 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 380 | U | 5 | 380 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 180 | U | 5 | 180 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 170 | U | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 91-20-3 | Naphthalene | 130 | U | 5 | 130 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 210 | U | 5 | 210 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 150 | U | 5 | 150 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 105-60-2 | Caprolactam | 310 | U | 5 | 310 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 170 | U | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 150 | U | 5 | 150 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 690 | U | 5 | 690 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 120 | U | 5 | 120 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 170 | U | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 130 | U | 5 | 130 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 130 | U | 5 | 130 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 280 | U | 5 | 280 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 131-11-3 | Dimethylphthalate | 160 | U | 5 | 160 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 208-96-8 | Acenaphthylene | 170 | U | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 200 | U | 5 | 200 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 270 | U | 5 | 270 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 83-32-9 | Acenaphthene | 130 | U | 5 | 130 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 1400 | U | 5 | 1400 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 630 | U | 5 | 630 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 132-64-9 | Dibenzofuran | 130 | U | 5 | 130 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 300 | U | 5 | 300 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 84-66-2 | Diethylphthalate | 170 | U | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 160 | U | 5 | 160 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 86-73-7 | Fluorene | 150 | U | 5 | 150 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 380 | U | 5 | 380 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 610 | U | 5 | 610 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |

Raw Data: **BF144395.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-17B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-14 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 84.3 |
| Sample Wt/Vol: | 30.06 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 190 | U | 5 | 190 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 160 | U | 5 | 160 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 150 | U | 5 | 150 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 1912-24-9 | Atrazine | 200 | U | 5 | 200 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 87-86-5 | Pentachlorophenol | 300 | U | 5 | 300 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 85-01-8 | Phenanthrene | 970 | J | 5 | 120 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 120-12-7 | Anthracene | 200 | U | 5 | 200 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 86-74-8 | Carbazole | 180 | U | 5 | 180 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 280 | U | 5 | 280 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 206-44-0 | Fluoranthene | 1400 | | 5 | 180 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 129-00-0 | Pyrene | 920 | J | 5 | 210 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 420 | U | 5 | 420 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 220 | U | 5 | 220 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 500 | J | 5 | 140 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 218-01-9 | Chrysene | 480 | J | 5 | 120 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 350 | U | 5 | 350 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 510 | U | 5 | 510 | 2000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 550 | J | 5 | 110 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 130 | U | 5 | 130 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 440 | J | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 170 | U | 5 | 170 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 160 | U | 5 | 160 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 150 | U | 5 | 150 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 150 | U | 5 | 150 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 270 | U | 5 | 270 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 160 | U | 5 | 160 | 1000 | ug/Kg | 12/01/25 19:11 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 49.6 | | | 10 - 105 | 33% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 50.7 | | | 10 - 103 | 34% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 33.3 | | | 10 - 108 | 33% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 37.6 | | | 10 - 108 | 38% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 40.8 | | | 10 - 116 | 27% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 32.0 | | | 10 - 109 | 32% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 64200 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 226000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 117000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 209000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 174000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 135000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000112-95-8 | Eicosane | 590 | J | | | 13.9 | ug/Kg | | |
| 000630-01-3 | Hexacosane | 520 | J | | | 14.2 | ug/Kg | | |

Raw Data: **BF144395.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-17B | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-14 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 84.3 |
| Sample Wt/Vol: | 30.06 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 000629-94-7 | Heneicosane | 530 | J | | | 14.5 | ug/Kg | | |
| 000593-49-7 | Heptacosane | 620 | J | | | 14.8 | 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

Sample Results: **BF144395.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 02 00:10:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 64196 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 226428 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 117202 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 208690 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.045 | 240 | 174001 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 135181 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 40726 | 9.928 | ng | | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 47122 | 10.138 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 26087 | 6.654 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 11993 | 8.154 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 59668 | 7.519 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 70148 | 6.404 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 11.416 | 178 | 51024 | 4.911 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 77212 | 7.194 | ng | | 98 |
| 78) Pyrene | 12.839 | 202 | 65445 | 4.665 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 30555 | 2.534 | ng | | 95 |
| 83) Chrysene | 14.068 | 228 | 26835 | 2.410 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 21414m | 2.786 | ng | | |
| 90) Benzo(a)pyrene | 15.462 | 252 | 15858 | 2.237 | ng | # | 88 |

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

Sample Results: **BF144395.D**

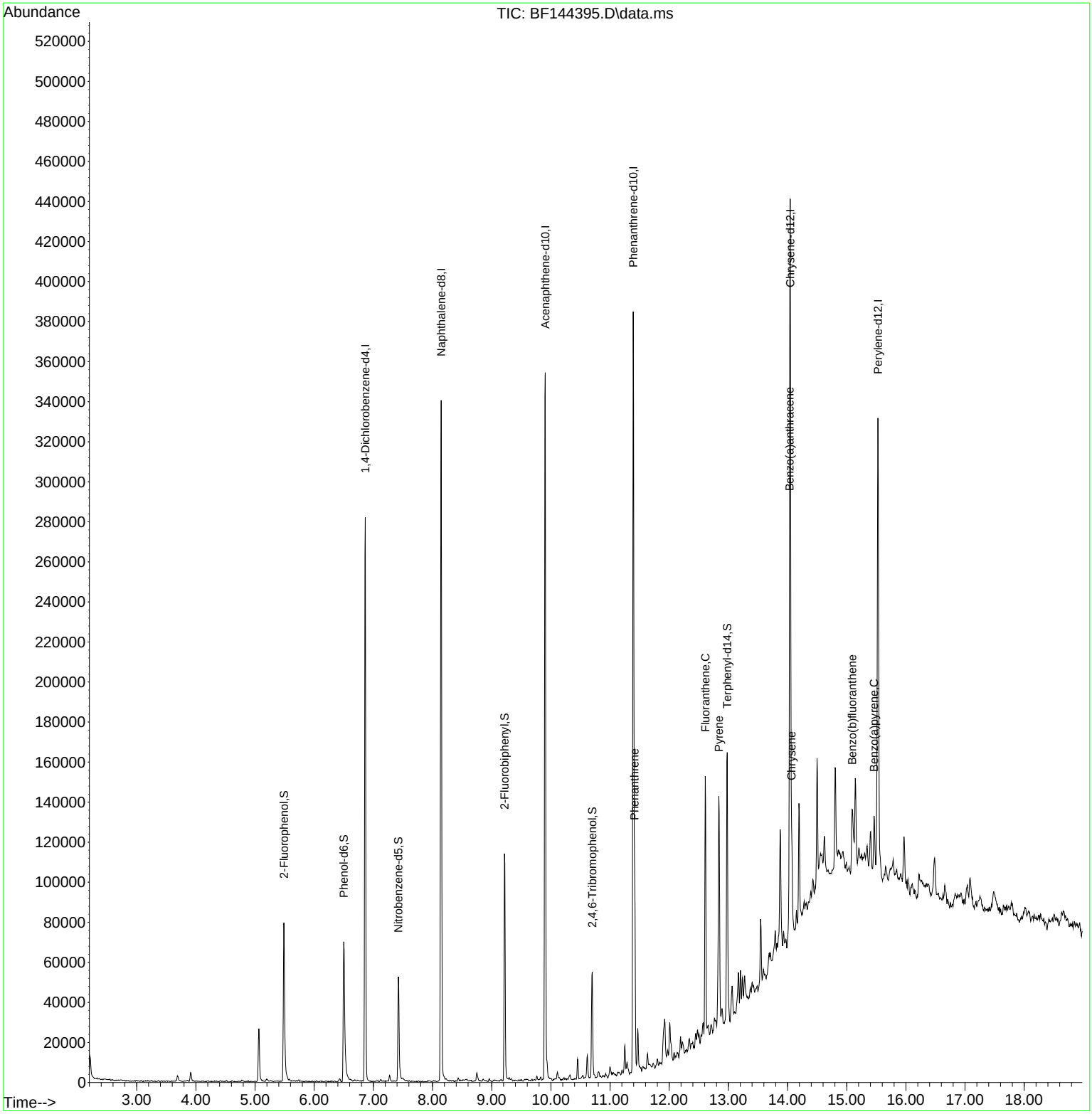
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

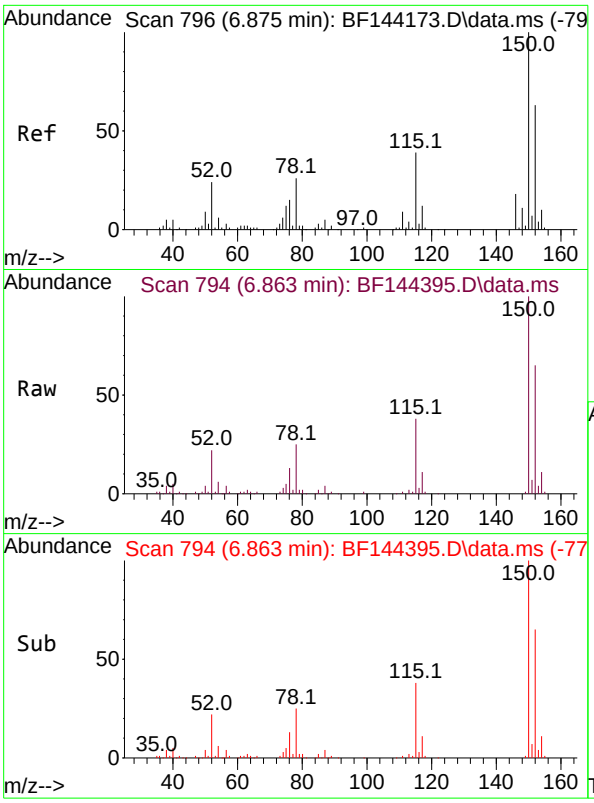
Quant Time: Dec 02 00:10:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

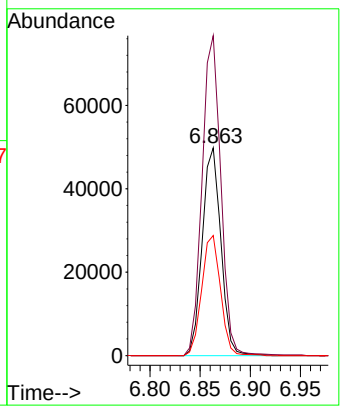





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:152 Resp: 6419

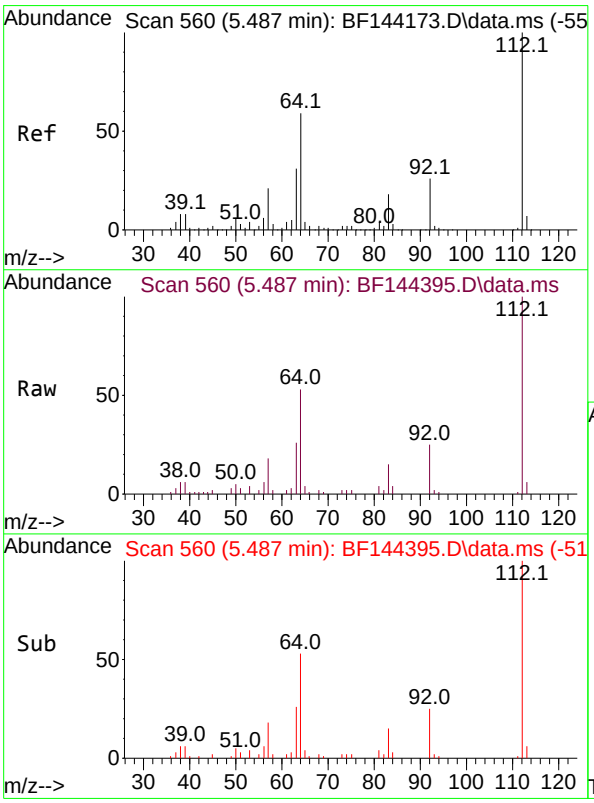
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.1 | 127.4 | 191.0 |
| 115 | 57.8 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

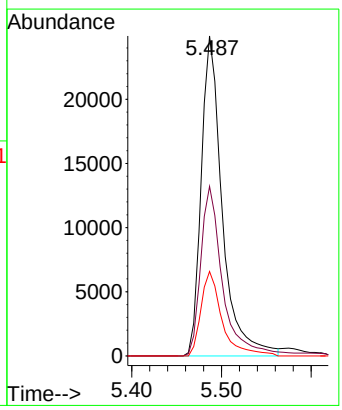
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

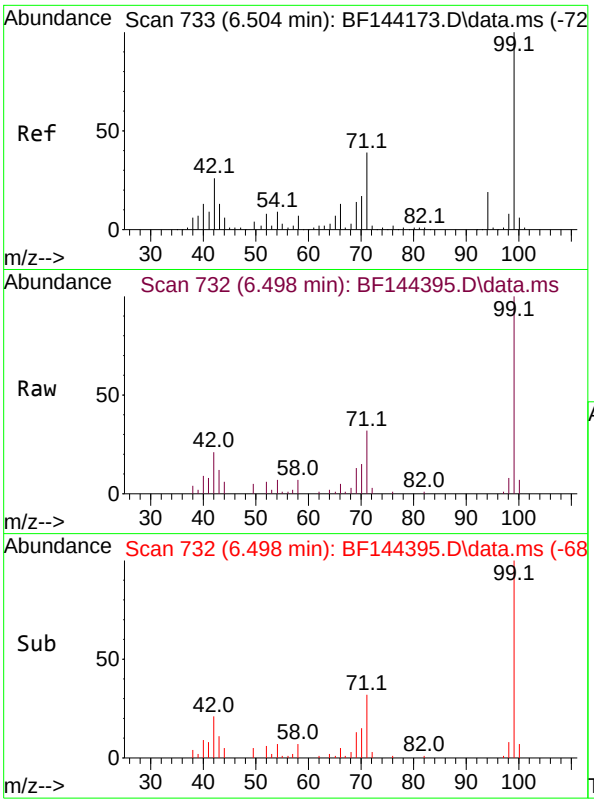



#5
2-Fluorophenol
Concen: 9.928 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:112 Resp: 40726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.0 | 47.2 | 70.8 |
| 63 | 26.4 | 24.4 | 36.6 |

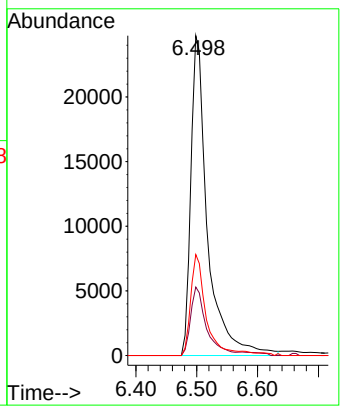





#7
Phenol-d6
Concen: 10.138 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion: 99 Resp: 4712

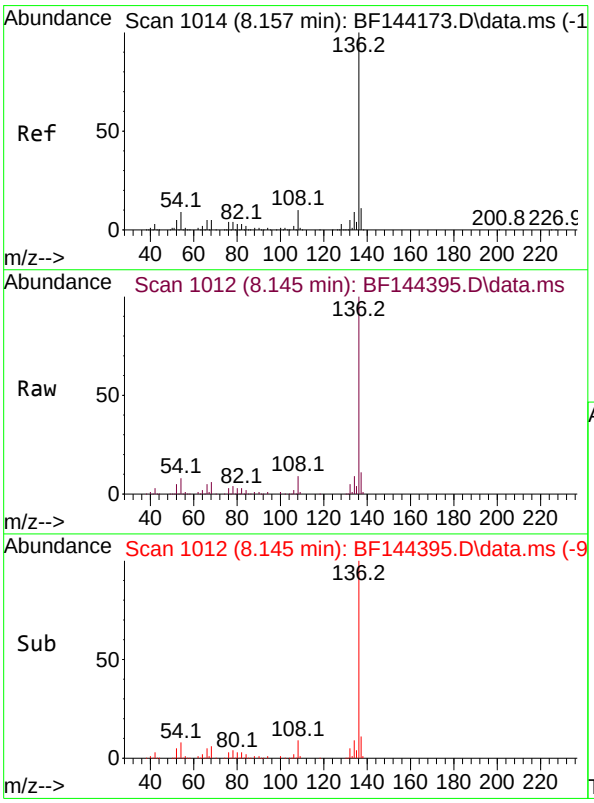
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 20.9 | 31.3 |
| 71 | 31.6 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

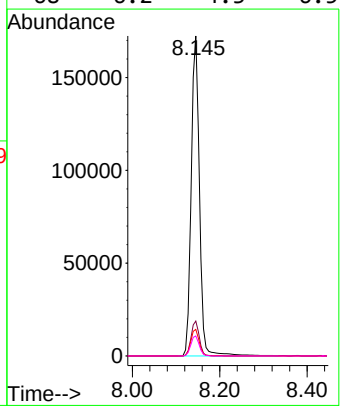
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

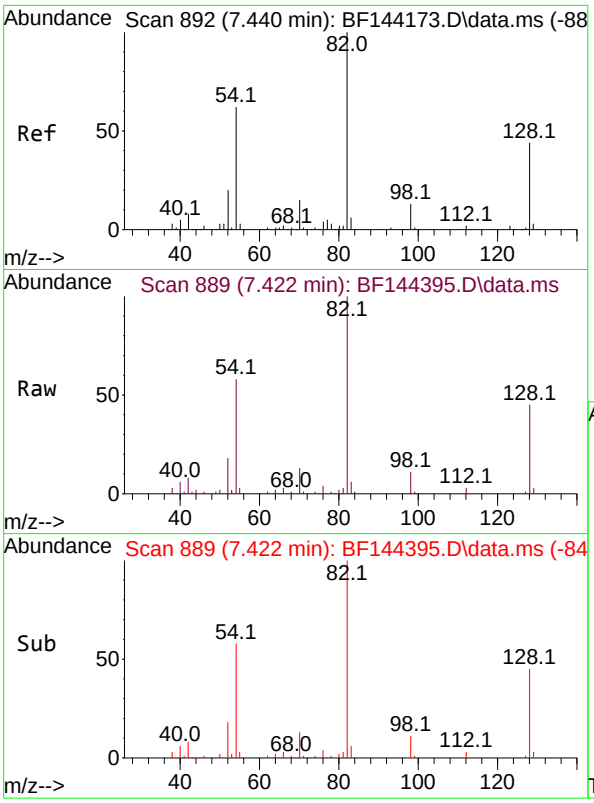



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:136 Resp: 226428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 8.3 | 7.0 | 10.6 |
| 68 | 6.2 | 4.3 | 6.5 |

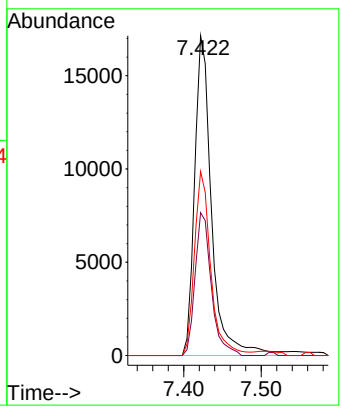





#23
Nitrobenzene-d5
Concen: 6.654 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion: 82 Resp: 2608

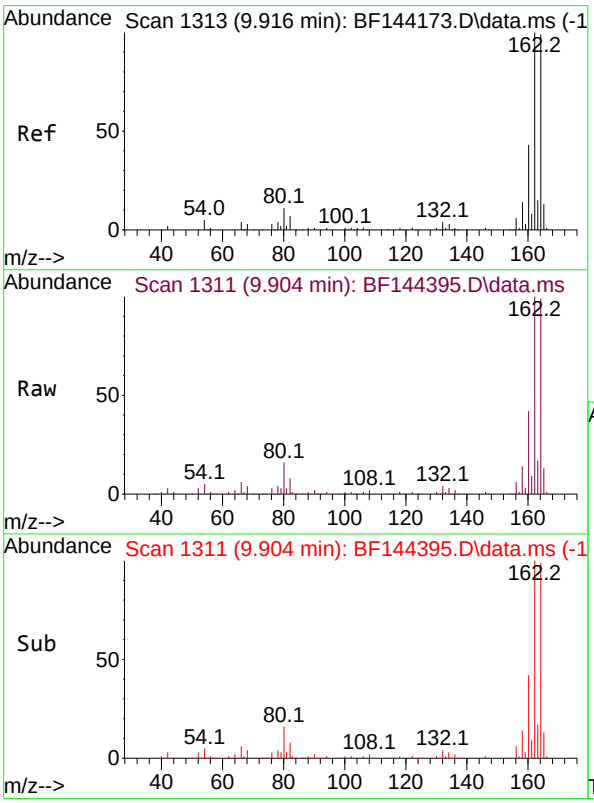
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.7 | 34.7 | 52.1 |
| 54 | 57.6 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

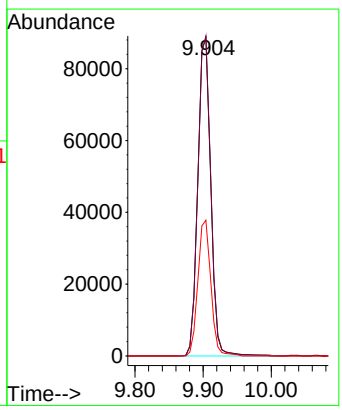
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

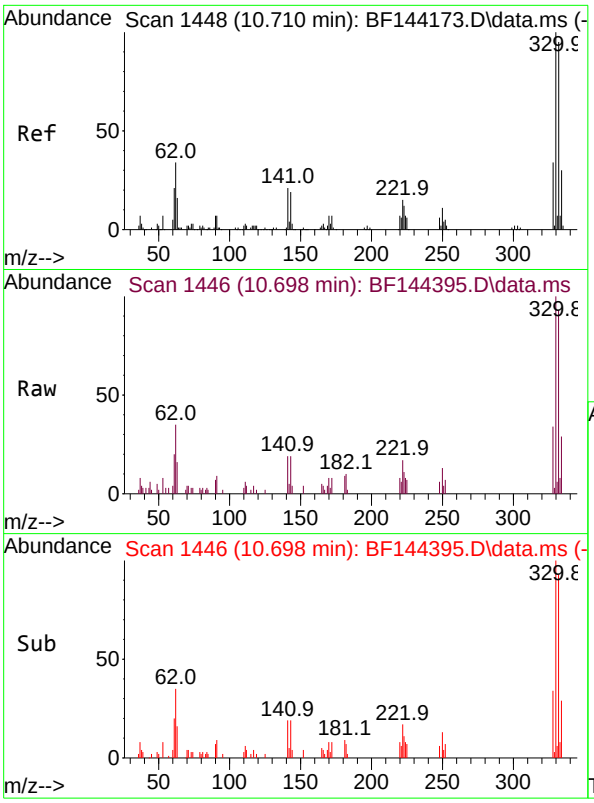



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:164 Resp: 117202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 81.1 | 121.7 |
| 160 | 42.7 | 34.5 | 51.7 |

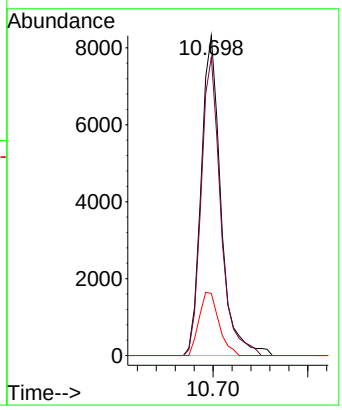





#42
2,4,6-Tribromophenol
Concen: 8.154 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:330 Resp: 1199

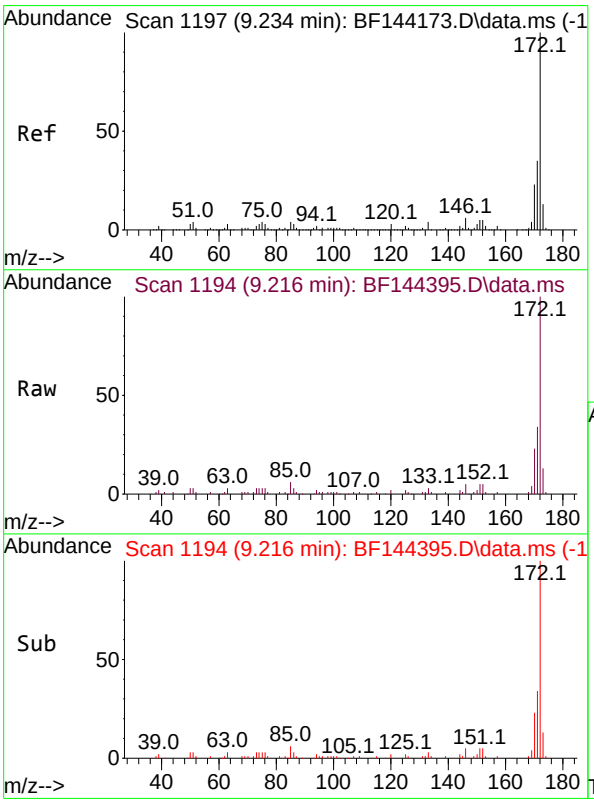
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.3 | 76.7 | 115.1 |
| 141 | 19.9 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

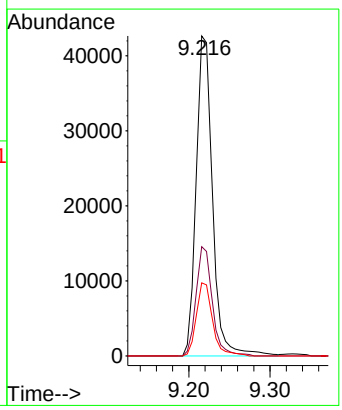
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

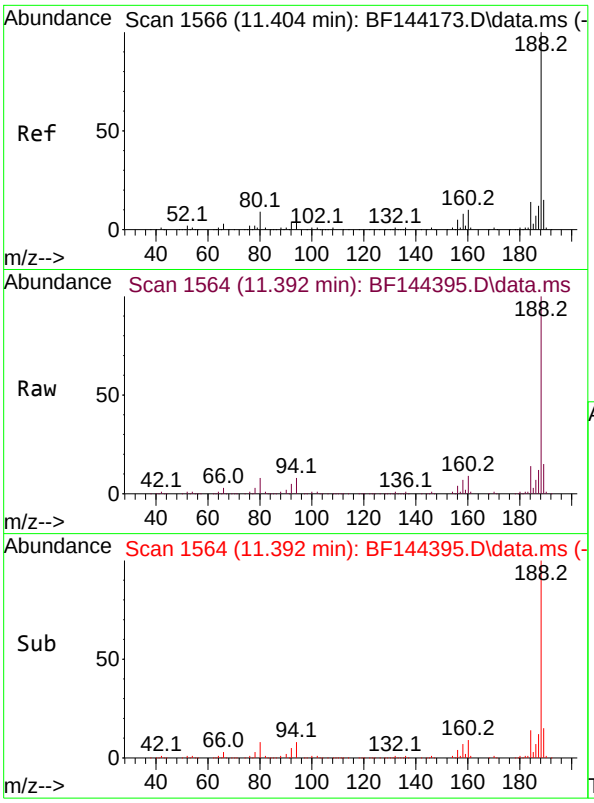



#45
2-Fluorobiphenyl
Concen: 7.519 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:172 Resp: 59668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.1 | 28.1 | 42.1 |
| 170 | 22.8 | 18.6 | 28.0 |

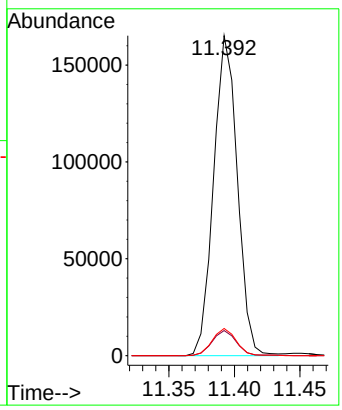





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:188 Resp: 208690

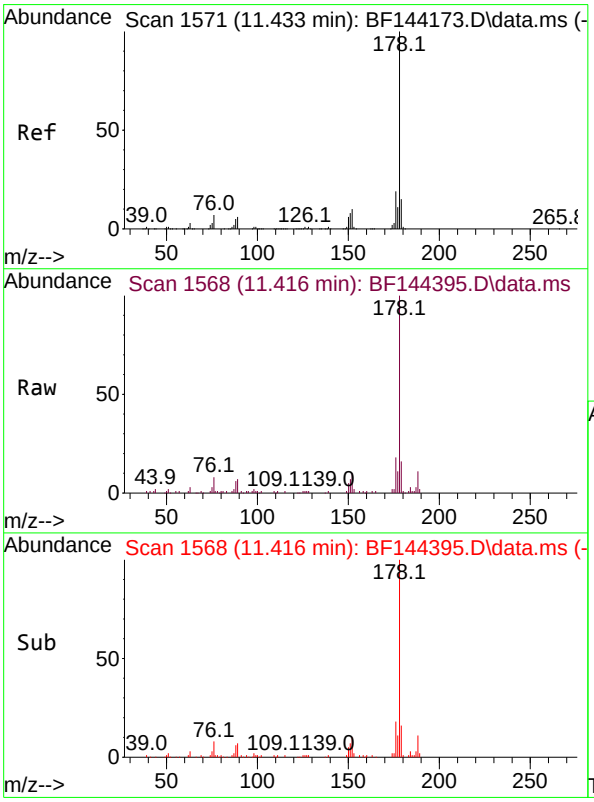
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.9 | 6.2 | 9.2 |
| 80 | 8.5 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

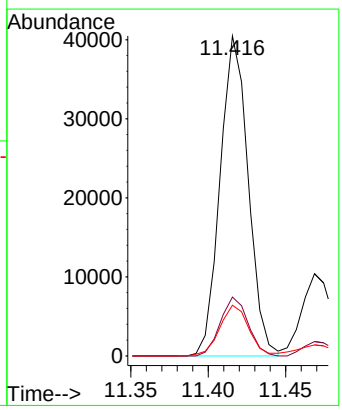
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

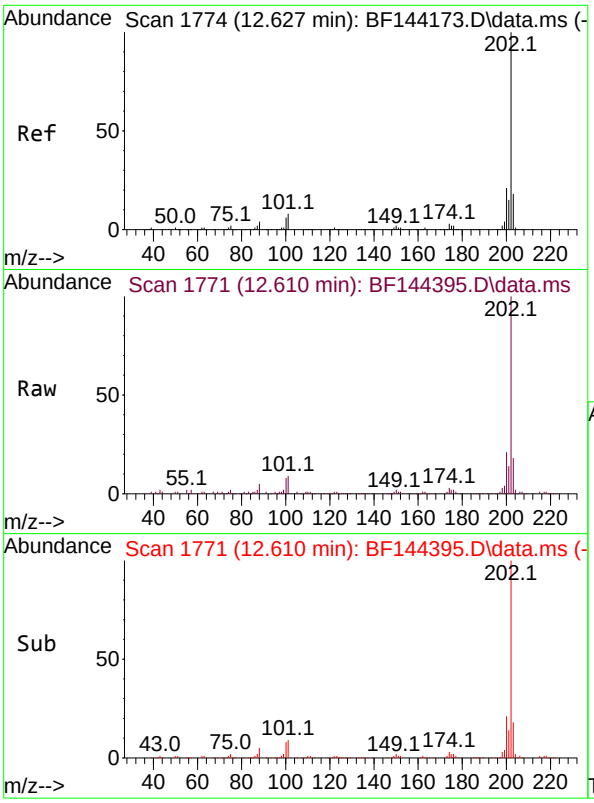



#71
Phenanthrene
Concen: 4.911 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:178 Resp: 51024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.5 | 23.3 |
| 179 | 15.8 | 12.2 | 18.4 |

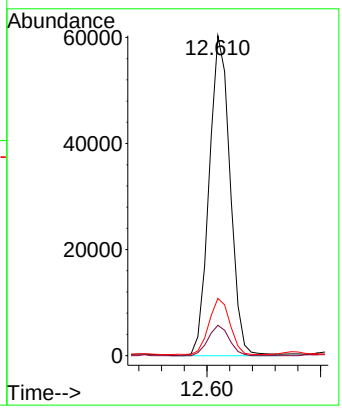





#75
Fluoranthene
Concen: 7.194 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:202 Resp: 7721

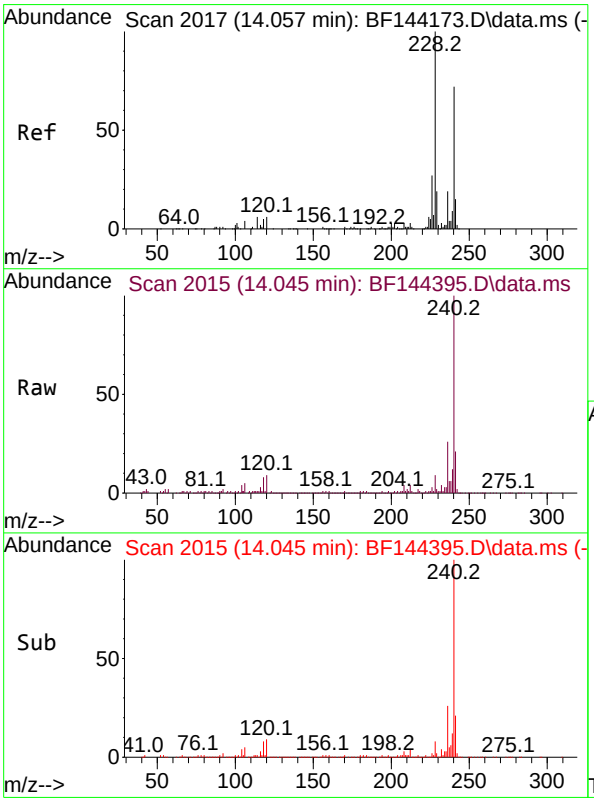
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 0.0 | 27.9 |
| 203 | 17.9 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

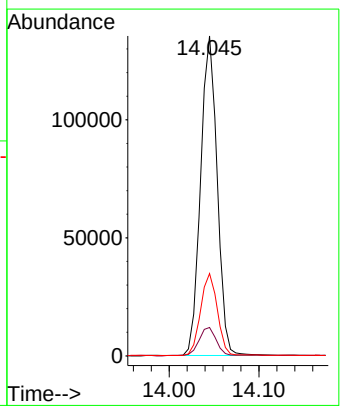
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

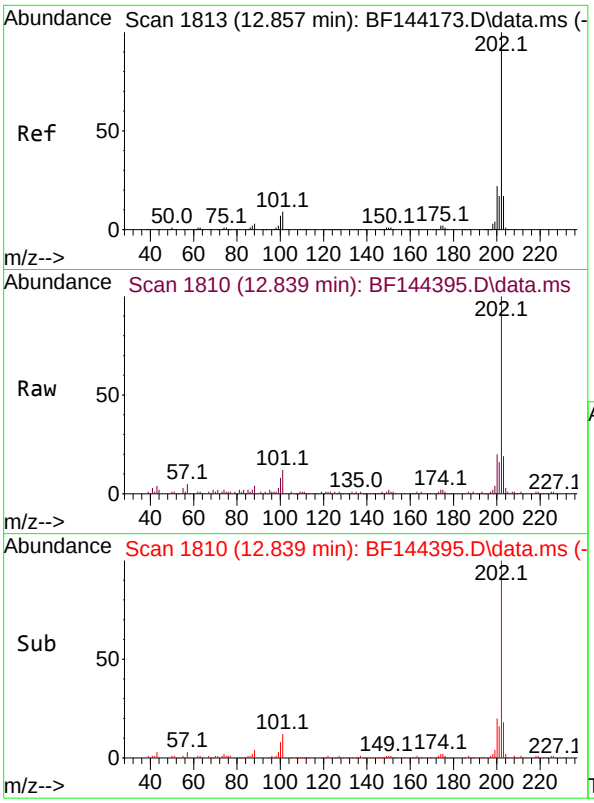



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:240 Resp: 174001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.9 | 6.6 | 10.0 |
| 236 | 25.7 | 21.4 | 32.2 |

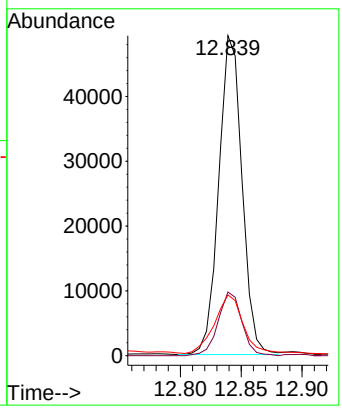





#78
Pyrene
Concen: 4.665 ng
RT: 12.839 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:202 Resp: 6544

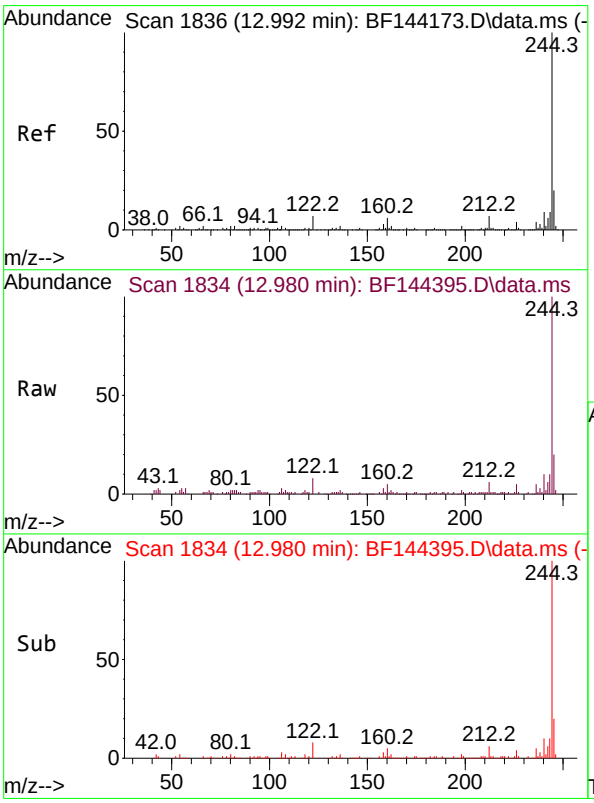
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.9 | 17.2 | 25.8 |
| 203 | 19.0 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

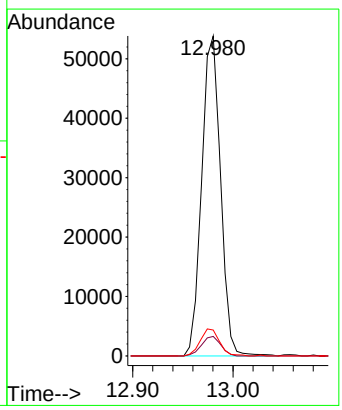
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

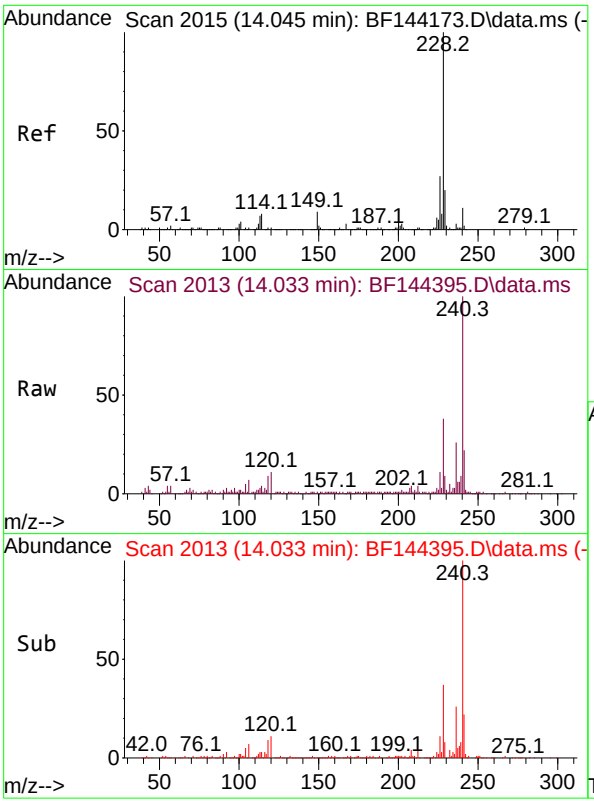



#79
Terphenyl-d14
Concen: 6.404 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:244 Resp: 70148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.3 | 7.9 |
| 122 | 8.1 | 5.6 | 8.4 |

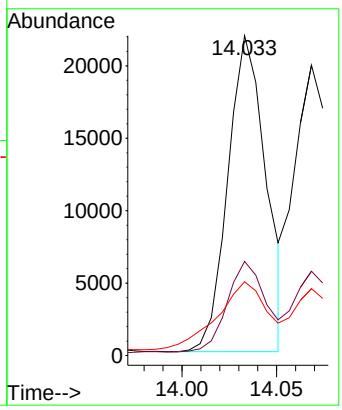





#81
Benzo(a)anthracene
Concen: 2.534 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:228 Resp: 3055

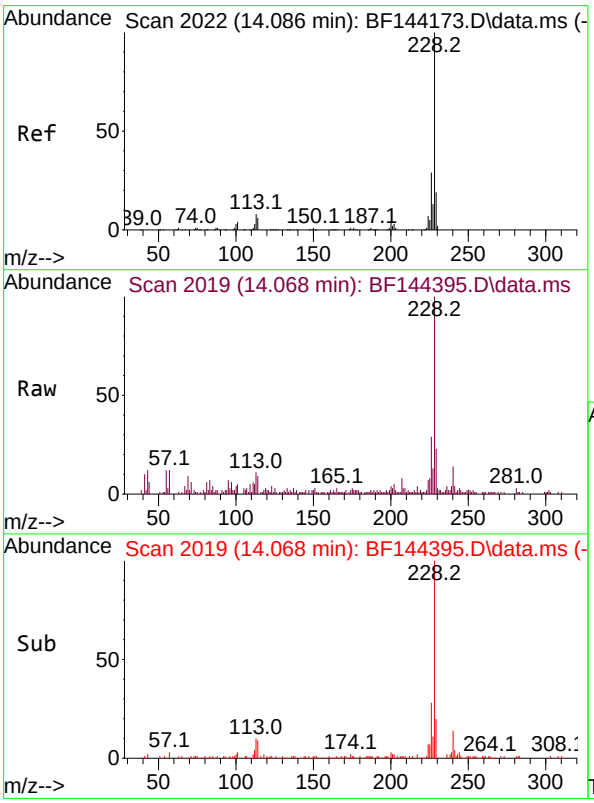
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 21.8 | 32.8 |
| 229 | 23.1 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

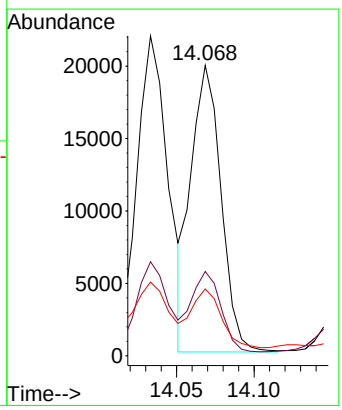
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

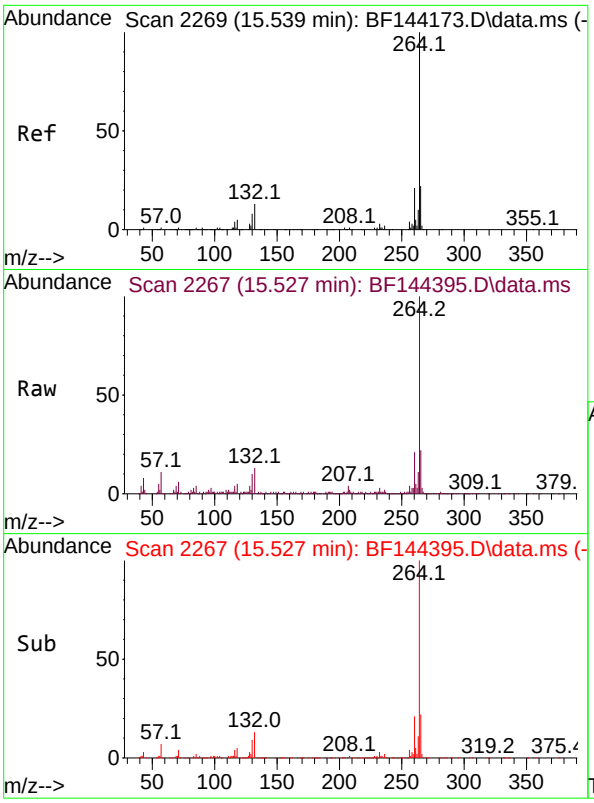



#83
Chrysene
Concen: 2.410 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:228 Resp: 26835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 22.9 | 34.3 |
| 229 | 23.1 | 15.0 | 22.6# |

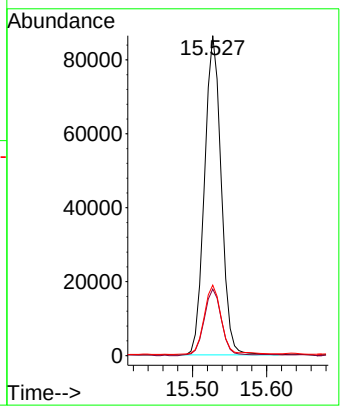





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:264 Resp: 13518

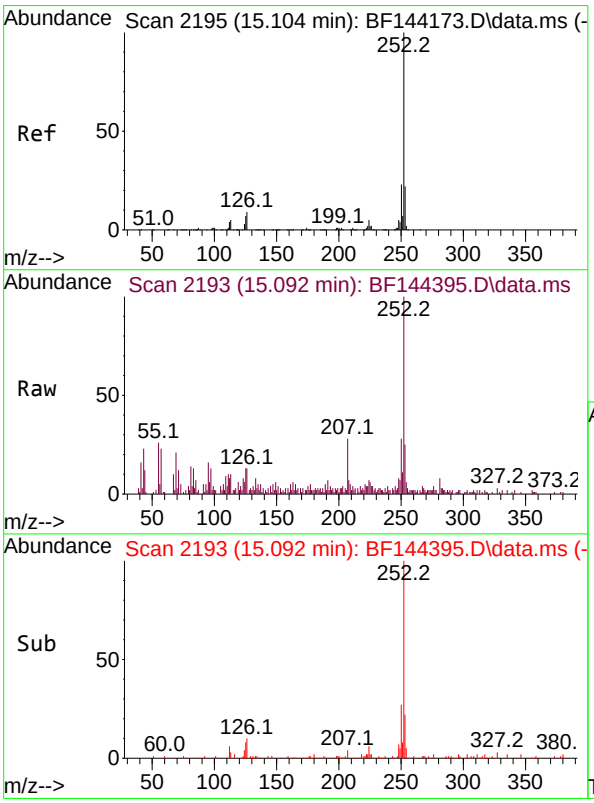
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 20.8 | 17.1 | 25.7 |
| 265 | 22.0 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

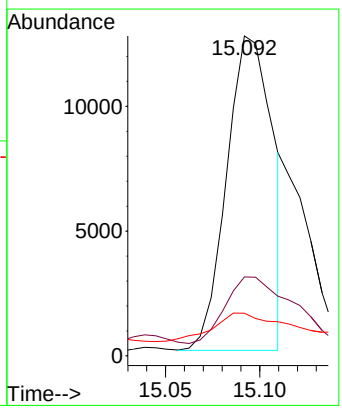
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

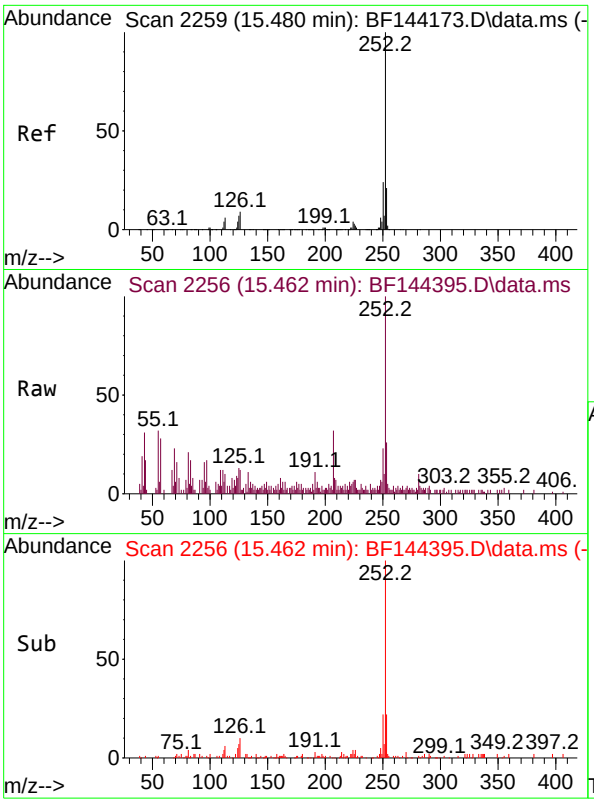



#88
Benzo(b)fluoranthene
Concen: 2.786 ng m
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:252 Resp: 21414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.7 | 17.4 | 26.2 |
| 125 | 13.3 | 5.3 | 7.9# |

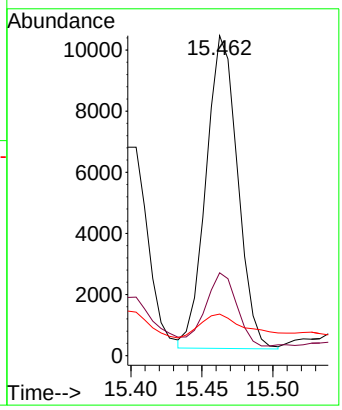





#90
Benzo(a)pyrene
Concen: 2.237 ng
RT: 15.462 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144395.D
Acq: 01 Dec 2025 19:11

Tgt Ion:252 Resp: 1585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.9 | 16.7 | 25.1# |
| 125 | 13.0 | 5.7 | 8.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Sample Results: **BF144395.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144395.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.910 | 287 | 292 | 298 | rBV | 4455 | 7385 | 1.23% | 0.157% |
| 2 | 5.063 | 480 | 488 | 497 | rBV | 26474 | 39494 | 6.58% | 0.839% |
| 3 | 5.487 | 555 | 560 | 574 | rBV | 78949 | 125278 | 20.88% | 2.661% |
| 4 | 6.498 | 727 | 732 | 748 | rBV | 69945 | 129370 | 21.57% | 2.748% |
| 5 | 6.863 | 788 | 794 | 807 | rVB | 281724 | 363162 | 60.54% | 7.713% |
| 6 | 7.422 | 884 | 889 | 898 | rBV | 52021 | 75126 | 12.52% | 1.596% |
| 7 | 8.145 | 1006 | 1012 | 1024 | rBV | 339689 | 437849 | 72.99% | 9.299% |
| 8 | 8.751 | 1108 | 1115 | 1122 | rBV4 | 4190 | 6904 | 1.15% | 0.147% |
| 9 | 9.216 | 1190 | 1194 | 1203 | rBV | 113444 | 149573 | 24.93% | 3.177% |
| 10 | 9.904 | 1306 | 1311 | 1320 | rBV | 352880 | 470897 | 78.50% | 10.001% |
| 11 | 10.451 | 1400 | 1404 | 1408 | rBV | 10010 | 12722 | 2.12% | 0.270% |
| 12 | 10.616 | 1427 | 1432 | 1437 | rVB2 | 11200 | 15291 | 2.55% | 0.325% |
| 13 | 10.698 | 1441 | 1446 | 1452 | rBV | 52587 | 73568 | 12.26% | 1.562% |
| 14 | 10.998 | 1491 | 1497 | 1501 | rBV6 | 5475 | 10242 | 1.71% | 0.218% |
| 15 | 11.251 | 1535 | 1540 | 1543 | rBV2 | 13853 | 18643 | 3.11% | 0.396% |
| 16 | 11.286 | 1543 | 1546 | 1553 | rVB3 | 5925 | 10777 | 1.80% | 0.229% |
| 17 | 11.392 | 1559 | 1564 | 1573 | rBV2 | 379991 | 599904 | 100.00% | 12.741% |
| 18 | 11.469 | 1573 | 1577 | 1581 | rVB | 19225 | 24366 | 4.06% | 0.517% |
| 19 | 11.633 | 1600 | 1605 | 1608 | rBV2 | 7613 | 10886 | 1.81% | 0.231% |
| 20 | 11.921 | 1646 | 1654 | 1659 | rBV2 | 22602 | 55651 | 9.28% | 1.182% |
| 21 | 12.010 | 1665 | 1669 | 1678 | rVB2 | 18869 | 35319 | 5.89% | 0.750% |
| 22 | 12.192 | 1695 | 1700 | 1703 | rBV | 10693 | 16279 | 2.71% | 0.346% |
| 23 | 12.221 | 1703 | 1705 | 1711 | rVB6 | 6087 | 10921 | 1.82% | 0.232% |
| 24 | 12.339 | 1721 | 1725 | 1728 | rBV6 | 5859 | 9227 | 1.54% | 0.196% |
| 25 | 12.451 | 1740 | 1744 | 1746 | rBV | 7186 | 10300 | 1.72% | 0.219% |
| 26 | 12.480 | 1746 | 1749 | 1751 | rVV3 | 4891 | 6344 | 1.06% | 0.135% |
| 27 | 12.574 | 1761 | 1765 | 1767 | rBV5 | 6834 | 9305 | 1.55% | 0.198% |
| 28 | 12.610 | 1767 | 1771 | 1776 | rBV | 128753 | 162005 | 27.01% | 3.441% |
| 29 | 12.839 | 1804 | 1810 | 1816 | rBV | 114919 | 179226 | 29.88% | 3.806% |
| 30 | 12.980 | 1829 | 1834 | 1842 | rVB | 134518 | 194982 | 32.50% | 4.141% |
| 31 | 13.063 | 1844 | 1848 | 1853 | rVB3 | 14303 | 22783 | 3.80% | 0.484% |
| 32 | 13.204 | 1869 | 1872 | 1875 | rBV | 16462 | 18164 | 3.03% | 0.386% |
| 33 | 13.239 | 1875 | 1878 | 1881 | rVV | 11830 | 14643 | 2.44% | 0.311% |
| 34 | 13.274 | 1881 | 1884 | 1892 | rVB4 | 11504 | 19132 | 3.19% | 0.406% |
| 35 | 13.545 | 1927 | 1930 | 1934 | rVB | 30320 | 34905 | 5.82% | 0.741% |
| 36 | 13.874 | 1983 | 1986 | 1993 | rVB2 | 58292 | 85379 | 14.23% | 1.813% |

Sample Results: **BF144395.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.045 | 2009 | 2015 | 2028 | rVB2 | 365289 | 573851 | 95.66% | 12.187% |
| 38 | 14.192 | 2037 | 2040 | 2048 | rBV | 56601 | 75076 | 12.51% | 1.594% |
| 39 | 14.498 | 2089 | 2092 | 2096 | rBV | 60896 | 77196 | 12.87% | 1.639% |
| 40 | 14.804 | 2141 | 2144 | 2151 | rBV | 44713 | 62147 | 10.36% | 1.320% |
| 41 | 15.145 | 2200 | 2202 | 2208 | rVB | 42675 | 56676 | 9.45% | 1.204% |
| 42 | 15.527 | 2262 | 2267 | 2280 | rVB | 231272 | 397655 | 66.29% | 8.445% |

Sum of corrected areas: 4708603

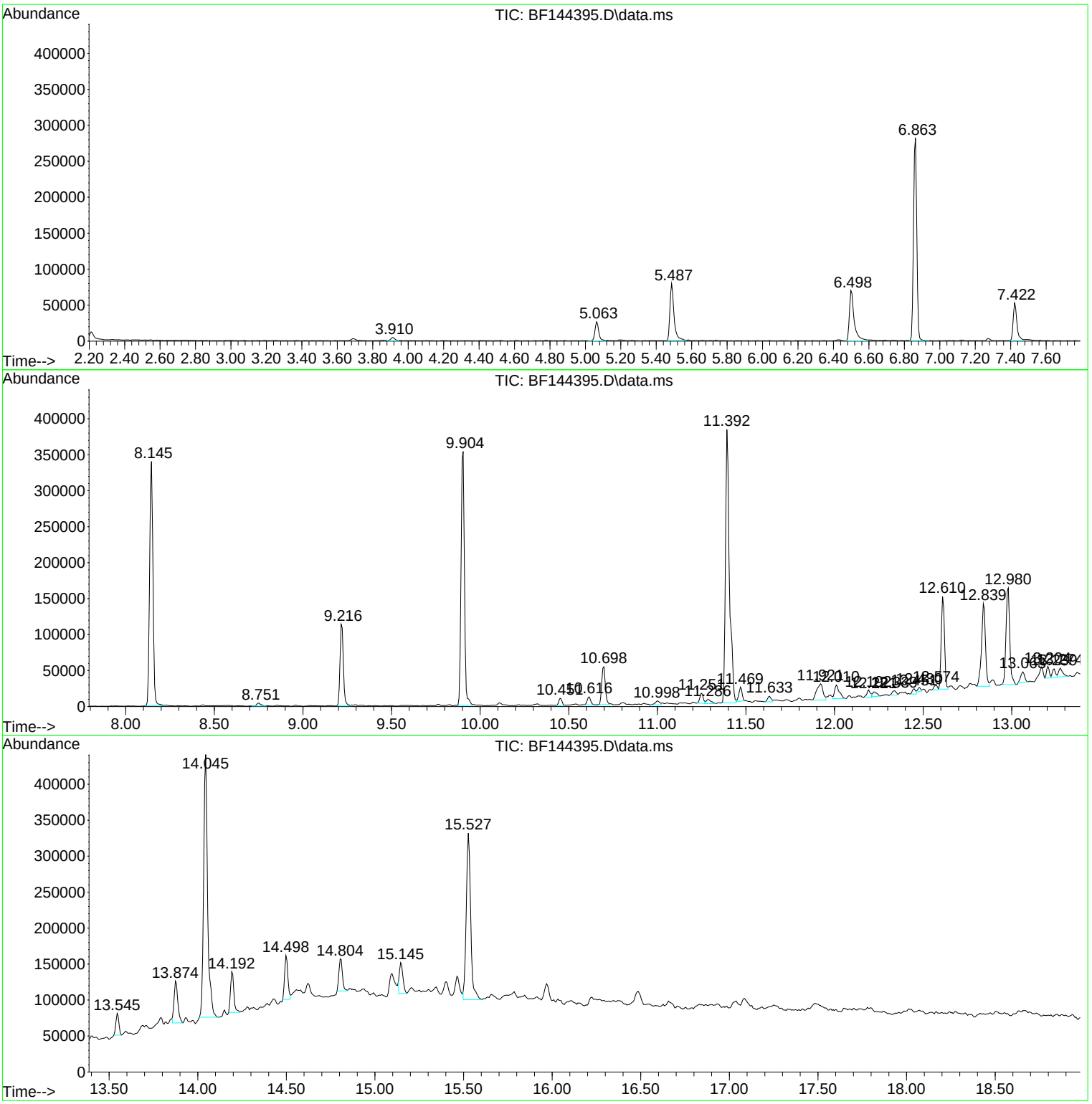
Sample Results: **BF144395.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

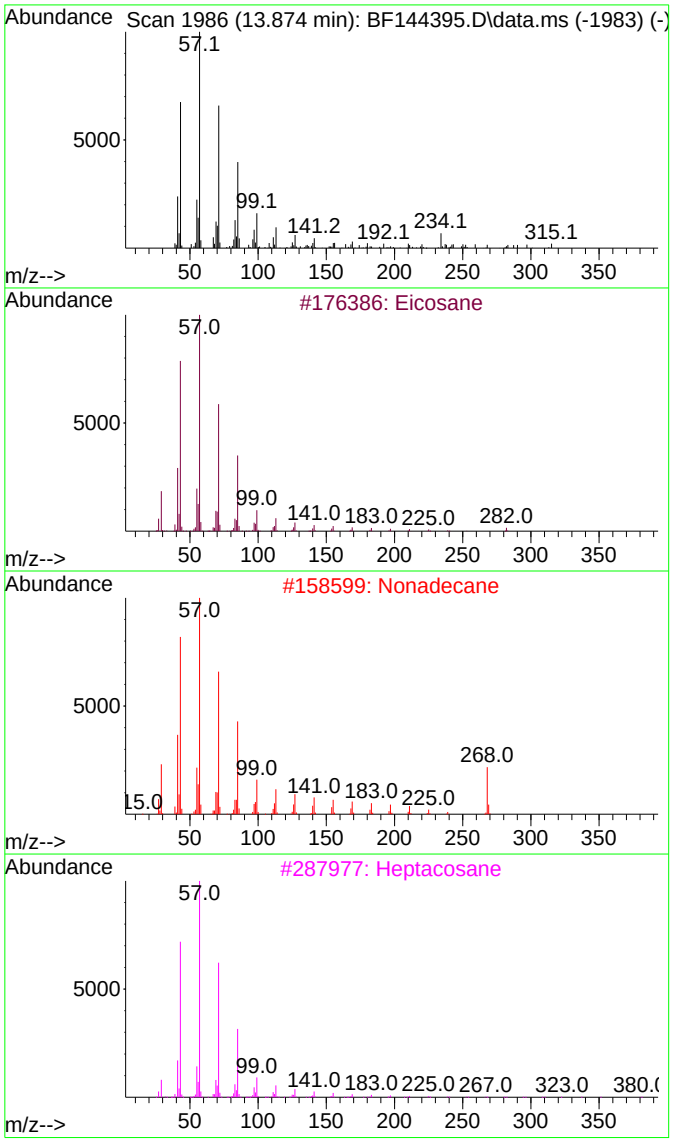
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

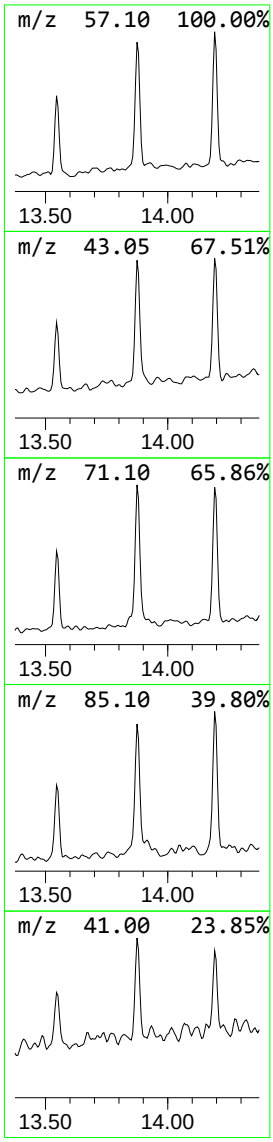
**********

Peak Number 2 Eicosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 2.98 ng | 85379 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 83 |
| 4 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 83 |
| 5 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 83 |



Sample Results: **BF144395.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

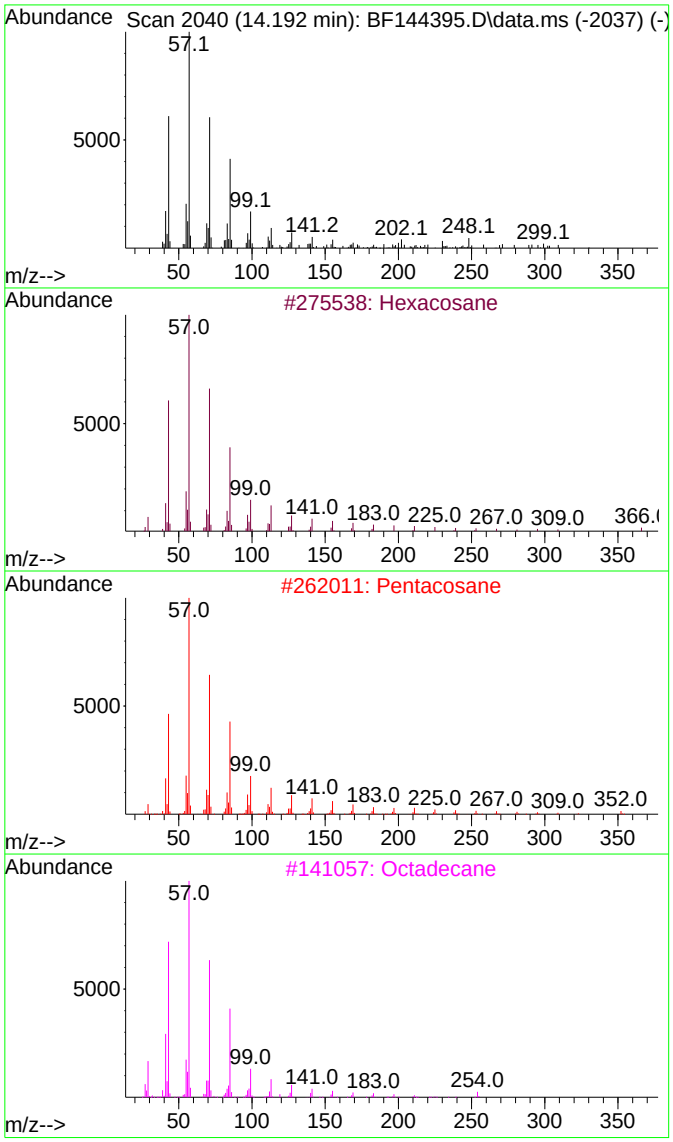
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

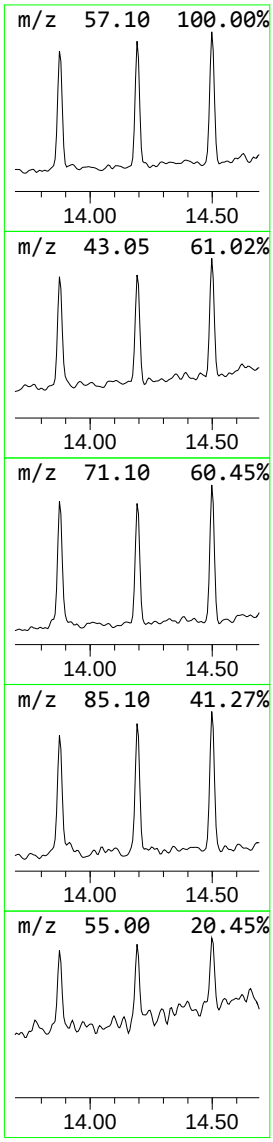
**********

Peak Number 3 Hexacosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.192 | 2.62 ng | 75076 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 83 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 83 |
| 4 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 83 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

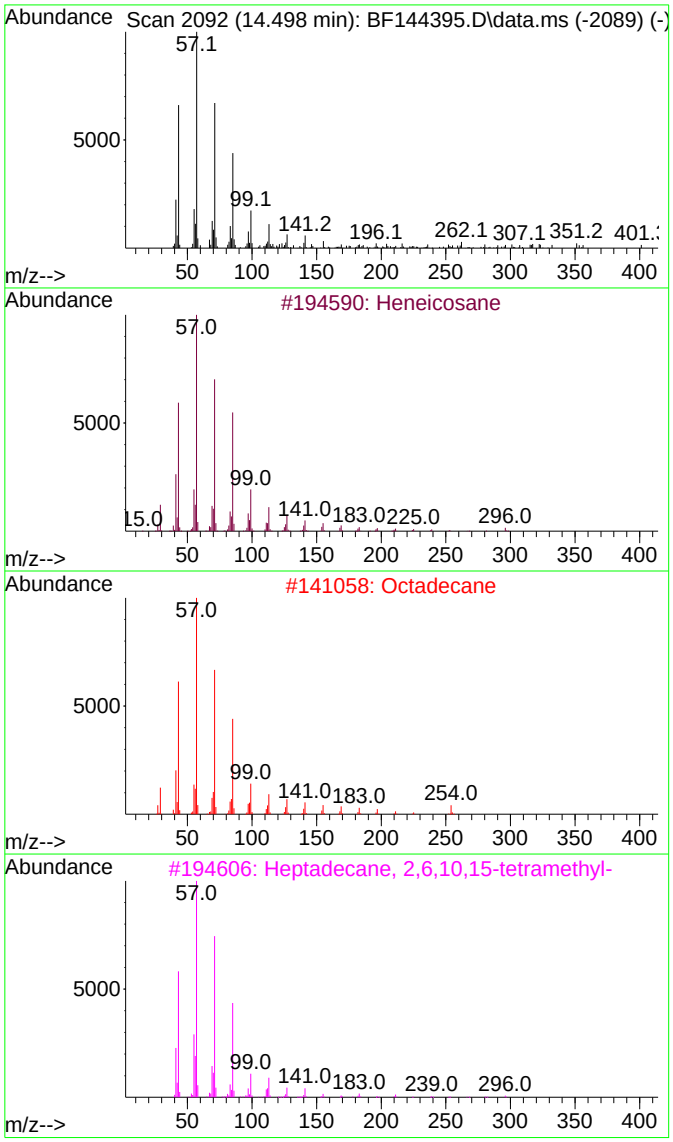
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

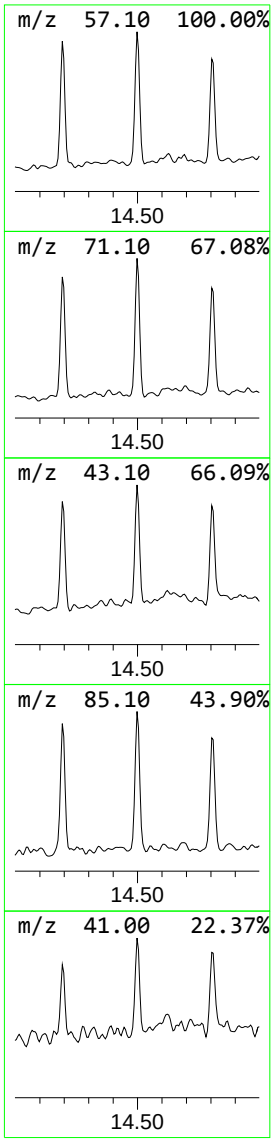
**********

Peak Number 4 Heneicosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.498 | 2.69 ng | 77196 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 93 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

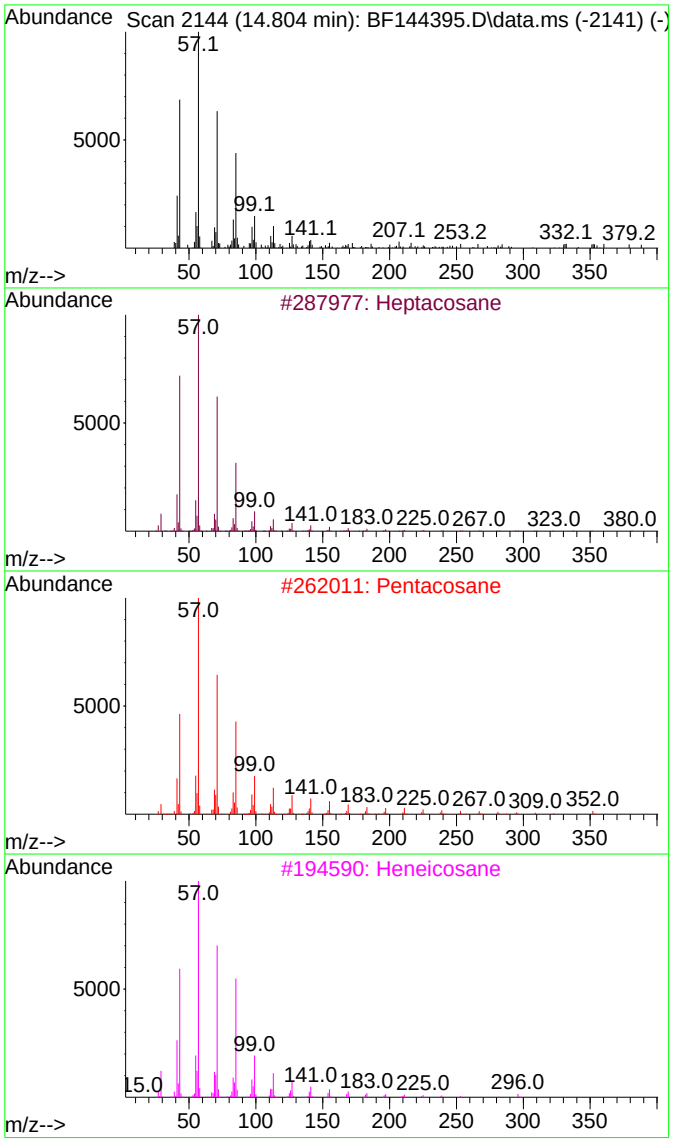
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

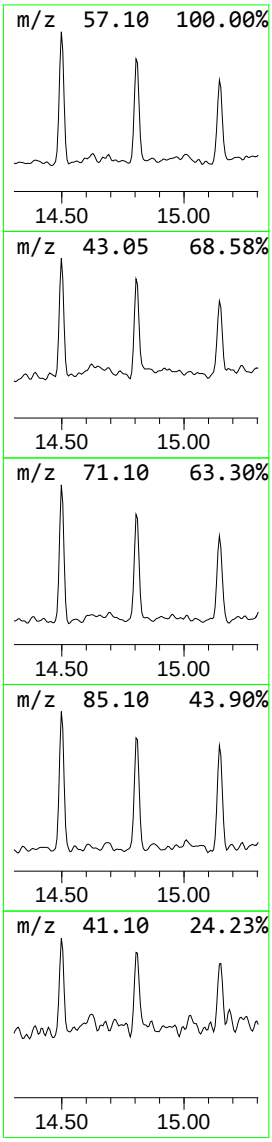
**********

Peak Number 5 Heptacosane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.804 | 3.13 ng | 62147 | Perylene-d12 | 15.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 86 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |
| 5 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 74 |



Sample Results: **BF144395.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1125-17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Eicosane | 13.874 | 3.0 | ng | 85379 | 5 | 14.045 | 573851 | 20.0 |
| Hexacosane | 14.192 | 2.6 | ng | 75076 | 5 | 14.045 | 573851 | 20.0 |
| Heneicosane | 14.498 | 2.7 | ng | 77196 | 5 | 14.045 | 573851 | 20.0 |
| Heptacosane | 14.804 | 3.1 | ng | 62147 | 6 | 15.527 | 397655 | 20.0 |

# CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date(s): 11/05/2025 11/05/2025

Calibration Time(s): 12:50 16:49

LAB FILE ID: RRF2.5 = BF144169.D RRF005 = BF144170.D RRF010 = BF144171.D
RRF020 = BF144172.D RRF040 = BF144173.D RRF050 = BF144174.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorophenol | | 1.332 | 1.303 | 1.316 | 1.315 | 1.157 | 1.278 | 5.6 |
| Benzaldehyde | | | 1.033 | 0.917 | 0.816 | 0.672 | 0.818 | 17.0 |
| Phenol-d6 | | 1.566 | 1.518 | 1.511 | 1.460 | 1.281 | 1.448 | 7.1 |
| Phenol | | 1.845 | 1.896 | 1.840 | 1.858 | 1.562 | 1.769 | 7.6 |
| bis(2-Chloroethyl)ether | | 1.278 | 1.333 | 1.342 | 1.316 | 1.155 | 1.289 | 5.2 |
| 2-Chlorophenol | | 1.242 | 1.309 | 1.292 | 1.281 | 1.152 | 1.253 | 4.6 |
| 2-Methylphenol | | 1.031 | 1.054 | 1.007 | 1.033 | 0.895 | 0.997 | 5.4 |
| 2,2-oxybis(1-Chloropropane) | | 2.408 | 2.470 | 2.496 | 2.418 | 2.147 | 2.374 | 5.5 |
| Acetophenone | | 0.479 | 0.464 | 0.434 | 0.434 | 0.380 | 0.429 | 8.3 |
| 3+4-Methylphenols | | | 1.330 | 1.223 | 1.215 | 1.030 | 1.175 | 9.2 |
| n-Nitroso-di-n-propylamine | 0.998 | 1.010 | 1.023 | 0.996 | 0.950 | 0.813 | 0.953 | 7.4 |
| Nitrobenzene-d5 | | 0.343 | 0.352 | 0.349 | 0.360 | 0.321 | 0.346 | 4.1 |
| Hexachloroethane | | 0.512 | 0.513 | 0.532 | 0.532 | 0.467 | 0.515 | 4.9 |
| Nitrobenzene | | 0.370 | 0.390 | 0.376 | 0.388 | 0.342 | 0.376 | 4.9 |
| Isophorone | | 0.659 | 0.668 | 0.669 | 0.673 | 0.581 | 0.655 | 5.1 |
| 2-Nitrophenol | | 0.167 | 0.187 | 0.191 | 0.197 | 0.174 | 0.186 | 6.5 |
| 2,4-Dimethylphenol | | 0.281 | 0.278 | 0.265 | 0.298 | 0.260 | 0.279 | 5.1 |
| bis(2-Chloroethoxy)methane | | 0.426 | 0.417 | 0.412 | 0.423 | 0.372 | 0.409 | 5.0 |
| 2,4-Dichlorophenol | | 0.334 | 0.342 | 0.330 | 0.331 | 0.289 | 0.322 | 6.2 |
| Naphthalene | | 1.019 | 1.008 | 0.982 | 0.969 | 0.850 | 0.951 | 6.7 |
| 4-Chloroaniline | | 0.358 | 0.364 | 0.355 | 0.362 | 0.309 | 0.347 | 6.1 |
| Hexachlorobutadiene | | 0.256 | 0.250 | 0.252 | 0.259 | 0.232 | 0.249 | 4.0 |
| Caprolactam | | | 0.094 | 0.093 | 0.092 | 0.075 | 0.088 | 8.1 |
| 4-Chloro-3-methylphenol | | 0.283 | 0.307 | 0.304 | 0.297 | 0.259 | 0.288 | 5.8 |
| 2-Methylnaphthalene | | 0.702 | 0.672 | 0.665 | 0.647 | 0.559 | 0.636 | 8.0 |
| Hexachlorocyclopentadiene | | | 0.121 | 0.142 | 0.200 | 0.204 | 0.195 | 27.8 |
| 2,4,6-Trichlorophenol | | 0.440 | 0.449 | 0.449 | 0.456 | 0.409 | 0.446 | 5.5 |
| 2-Fluorobiphenyl | | 1.598 | 1.428 | 1.361 | 1.350 | 1.177 | 1.354 | 10.7 |
| 2,4,5-Trichlorophenol | | 0.497 | 0.489 | 0.497 | 0.489 | 0.438 | 0.481 | 5.1 |
| 1,1-Biphenyl | | 1.535 | 1.446 | 1.425 | 1.408 | 1.239 | 1.396 | 7.5 |
| 2-Chloronaphthalene | | 1.303 | 1.216 | 1.206 | 1.204 | 1.068 | 1.191 | 7.1 |
| 2-Nitroaniline | | 0.302 | 0.347 | 0.349 | 0.361 | 0.326 | 0.344 | 6.8 |
| Dimethylphthalate | | 1.437 | 1.343 | 1.359 | 1.345 | 1.168 | 1.325 | 6.7 |
| Acenaphthylene | | 1.727 | 1.686 | 1.677 | 1.645 | 1.440 | 1.623 | 6.6 |

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date(s): 11/05/2025 11/05/2025

Calibration Time(s): 12:50 16:49

LAB FILE ID: RRF2.5 = BF144169.D RRF005 = BF144170.D RRF010 = BF144171.D
RRF020 = BF144172.D RRF040 = BF144173.D RRF050 = BF144174.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| 2,6-Dinitrotoluene | | 0.251 | 0.271 | 0.271 | 0.276 | 0.252 | 0.268 | 5.2 |
| 3-Nitroaniline | | 0.271 | 0.301 | 0.302 | 0.315 | 0.264 | 0.293 | 7.1 |
| Acenaphthene | | 1.138 | 1.162 | 1.120 | 1.096 | 0.956 | 1.085 | 6.9 |
| 2,4-Dinitrophenol | | | 0.202 | 0.166 | 0.140 | 0.133 | 0.162 | 15.0 |
| 4-Nitrophenol | | | 0.273 | 0.202 | 0.204 | 0.185 | 0.212 | 14.6 |
| Dibenzofuran | | 1.644 | 1.600 | 1.586 | 1.551 | 1.337 | 1.520 | 8.0 |
| 2,4-Dinitrotoluene | | 0.322 | 0.377 | 0.372 | 0.385 | 0.328 | 0.359 | 7.1 |
| Diethylphthalate | | 1.294 | 1.273 | 1.254 | 1.254 | 1.075 | 1.221 | 6.3 |
| 4-Chlorophenyl-phenylether | | 0.711 | 0.701 | 0.678 | 0.685 | 0.570 | 0.658 | 7.9 |
| Fluorene | | 1.295 | 1.223 | 1.197 | 1.180 | 0.997 | 1.156 | 8.9 |
| 4-Nitroaniline | | 0.273 | 0.290 | 0.293 | 0.288 | 0.254 | 0.279 | 5.1 |
| 4,6-Dinitro-2-methylphenol | | | 0.147 | 0.138 | 0.130 | 0.120 | 0.136 | 7.0 |
| n-Nitrosodiphenylamine | | 0.695 | 0.676 | 0.635 | 0.646 | 0.577 | 0.643 | 6.1 |
| 2,4,6-Tribromophenol | | 0.242 | 0.257 | 0.257 | 0.265 | 0.227 | 0.251 | 5.3 |
| 4-Bromophenyl-phenylether | | 0.264 | 0.260 | 0.255 | 0.263 | 0.228 | 0.255 | 5.2 |
| Hexachlorobenzene | | 0.306 | 0.306 | 0.305 | 0.300 | 0.273 | 0.301 | 4.7 |
| Atrazine | | 0.215 | 0.211 | 0.215 | 0.206 | 0.180 | 0.205 | 6.3 |
| Pentachlorophenol | | | 0.135 | 0.144 | 0.156 | 0.137 | 0.150 | 8.8 |
| Phenanthrene | | 1.103 | 1.042 | 0.986 | 1.009 | 0.892 | 0.996 | 6.9 |
| Anthracene | | 1.120 | 1.059 | 1.027 | 1.022 | 0.897 | 1.013 | 7.4 |
| Carbazole | | 0.938 | 0.917 | 0.882 | 0.878 | 0.762 | 0.861 | 7.4 |
| Di-n-butylphthalate | | 1.075 | 1.101 | 1.077 | 1.070 | 0.917 | 1.041 | 6.3 |
| Fluoranthene | | 1.117 | 1.066 | 1.053 | 1.054 | 0.910 | 1.029 | 6.8 |
| Pyrene | | 1.763 | 1.745 | 1.631 | 1.704 | 1.372 | 1.613 | 8.8 |
| Terphenyl-d14 | | 1.403 | 1.415 | 1.274 | 1.317 | 1.042 | 1.259 | 10.7 |
| Butylbenzylphthalate | | 0.565 | 0.590 | 0.550 | 0.590 | 0.499 | 0.559 | 5.6 |
| 3,3-Dichlorobenzidine | | | 0.453 | 0.461 | 0.482 | 0.441 | 0.475 | 6.8 |
| Benzo(a)anthracene | | 1.455 | 1.340 | 1.330 | 1.430 | 1.290 | 1.386 | 5.4 |
| Chrysene | | 1.276 | 1.245 | 1.279 | 1.403 | 1.164 | 1.280 | 5.7 |
| Bis(2-ethylhexyl)phthalate | | 0.773 | 0.739 | 0.755 | 0.816 | 0.705 | 0.765 | 4.9 |
| Di-n-octyl phthalate | | | 1.163 | 1.272 | 1.410 | 1.269 | 1.320 | 7.9 |
| Benzo(b)fluoranthene | | 1.199 | 1.133 | 1.114 | 1.233 | 1.002 | 1.137 | 6.4 |
| Benzo(k)fluoranthene | | 1.077 | 1.094 | 1.083 | 1.041 | 0.999 | 1.064 | 4.4 |
| Benzo(a)pyrene | | 1.064 | 1.050 | 1.058 | 1.077 | 0.963 | 1.049 | 4.2 |
| Indeno(1,2,3-cd)pyrene | | 1.450 | 1.411 | 1.447 | 1.485 | 1.311 | 1.436 | 4.6 |

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date(s): 11/05/2025 11/05/2025

Calibration Time(s): 12:50 16:49

LAB FILE ID: RRF2.5 = BF144169.D RRF005 = BF144170.D RRF010 = BF144171.D
RRF020 = BF144172.D RRF040 = BF144173.D RRF050 = BF144174.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Dibenzo(a,h)anthracene | | 1.155 | 1.155 | 1.175 | 1.198 | 1.040 | 1.153 | 4.8 |
| Benzo(g,h,i)perylene | | 1.095 | 1.125 | 1.153 | 1.191 | 1.028 | 1.139 | 5.7 |
| 1,2,4,5-Tetrachlorobenzene | | 0.677 | 0.662 | 0.659 | 0.675 | 0.588 | 0.655 | 6.6 |
| 1,4-Dioxane | | 0.526 | 0.487 | 0.518 | 0.554 | 0.500 | 0.528 | 5.7 |
| 2,3,4,6-Tetrachlorophenol | | 0.308 | 0.347 | 0.336 | 0.358 | 0.316 | 0.340 | 6.6 |

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF1441
76.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.526 | 0.487 | 0.518 | 0.554 | 0.500 | 0.573 | 0.540 | 0.528 | 5.68 |
| 3) | | Pyridine | | 1.374 | 1.406 | 1.491 | 1.520 | 1.378 | 1.607 | 1.543 | 1.474 | 6.12 |
| 4) | | n-Nitrosodimet... | | | 0.719 | 0.726 | 0.775 | 0.723 | 0.868 | 0.810 | 0.770 | 7.79 |
| 5) | S | 2-Fluorophenol | | 1.332 | 1.303 | 1.316 | 1.315 | 1.157 | 1.330 | 1.193 | 1.278 | 5.62 |
| 6) | | Aniline | | 2.194 | 2.169 | 2.114 | 2.067 | 1.841 | 2.139 | 1.920 | 2.063 | 6.46 |
| 7) | S | Phenol-d6 | | 1.566 | 1.518 | 1.511 | 1.460 | 1.281 | 1.461 | 1.339 | 1.448 | 7.08 |
| 8) | | 2-Chlorophenol | | 1.242 | 1.309 | 1.292 | 1.281 | 1.152 | 1.293 | 1.204 | 1.253 | 4.59 |
| 9) | | Benzaldehyde | | | 1.033 | 0.917 | 0.816 | 0.672 | 0.786 | 0.683 | 0.818 | 16.99 |
| 10) | C | Phenol | | 1.845 | 1.896 | 1.840 | 1.858 | 1.562 | 1.790 | 1.594 | 1.769 | 7.60 |
| 11) | | bis(2-Chloroet... | | 1.278 | 1.333 | 1.342 | 1.316 | 1.155 | 1.341 | 1.259 | 1.289 | 5.22 |
| 12) | | 1,3-Dichlorobe... | | 1.677 | 1.573 | 1.583 | 1.541 | 1.397 | 1.586 | 1.468 | 1.547 | 5.86 |
| 13) | C | 1,4-Dichlorobe... | | 1.669 | 1.563 | 1.583 | 1.591 | 1.372 | 1.604 | 1.464 | 1.549 | 6.40 |
| 14) | | 1,2-Dichlorobe... | | 1.651 | 1.510 | 1.488 | 1.485 | 1.325 | 1.533 | 1.404 | 1.485 | 6.88 |
| 15) | | Benzyl Alcohol | | | 1.140 | 1.188 | 1.161 | 1.050 | 1.197 | 1.145 | 1.147 | 4.61 |
| 16) | | 2,2'-oxybis(1-... | | 2.408 | 2.470 | 2.496 | 2.418 | 2.147 | 2.442 | 2.238 | 2.374 | 5.50 |
| 17) | | 2-Methylphenol | | 1.031 | 1.054 | 1.007 | 1.033 | 0.895 | 1.002 | 0.958 | 0.997 | 5.44 |
| 18) | | Hexachloroethane | | 0.512 | 0.513 | 0.532 | 0.532 | 0.467 | 0.543 | 0.504 | 0.515 | 4.90 |
| 19) | P | n-Nitroso-di-n... | 0.998 | 1.010 | 1.023 | 0.996 | 0.950 | 0.813 | 0.937 | 0.900 | 0.953 | 7.38 |
| 20) | | 3+4-Methylphenols | | | 1.330 | 1.223 | 1.215 | 1.030 | 1.175 | 1.080 | 1.175 | 9.16 |
| 21) | I | Naphthalene-d8 | ----------ISTD---------- | | | | | | | | | |
| 22) | | Acetophenone | | 0.479 | 0.464 | 0.434 | 0.434 | 0.380 | 0.421 | 0.391 | 0.429 | 8.34 |
| 23) | S | Nitrobenzene-d5 | | 0.343 | 0.352 | 0.349 | 0.360 | 0.321 | 0.361 | 0.338 | 0.346 | 4.07 |
| 24) | | Nitrobenzene | | 0.370 | 0.390 | 0.376 | 0.388 | 0.342 | 0.398 | 0.368 | 0.376 | 4.90 |
| 25) | | Isophorone | | 0.659 | 0.668 | 0.669 | 0.673 | 0.581 | 0.675 | 0.659 | 0.655 | 5.05 |
| 26) | C | 2-Nitrophenol | | 0.167 | 0.187 | 0.191 | 0.197 | 0.174 | 0.200 | 0.186 | 0.186 | 6.47 |
| 27) | | 2,4-Dimethylph... | | 0.281 | 0.278 | 0.265 | 0.298 | 0.260 | 0.295 | 0.275 | 0.279 | 5.08 |
| 28) | | bis(2-Chloroet... | | 0.426 | 0.417 | 0.412 | 0.423 | 0.372 | 0.423 | 0.390 | 0.409 | 5.02 |
| 29) | C | 2,4-Dichloroph... | | 0.334 | 0.342 | 0.330 | 0.331 | 0.289 | 0.326 | 0.297 | 0.322 | 6.20 |
| 30) | | 1,2,4-Trichlor... | | 0.350 | 0.349 | 0.332 | 0.337 | 0.296 | 0.335 | 0.312 | 0.330 | 5.96 |
| 31) | | Naphthalene | | 1.019 | 1.008 | 0.982 | 0.969 | 0.850 | 0.952 | 0.880 | 0.951 | 6.71 |
| 32) | | Benzoic acid | | | 0.268 | 0.220 | 0.180 | 0.165 | 0.190 | 0.204 | 0.204 | 17.90 |
| 33) | | 4-Chloroaniline | | 0.358 | 0.364 | 0.355 | 0.362 | 0.309 | 0.355 | 0.326 | 0.347 | 6.07 |
| 34) | C | Hexachlorobuta... | | 0.256 | 0.250 | 0.252 | 0.259 | 0.232 | 0.254 | 0.238 | 0.249 | 4.03 |
| 35) | | Caprolactam | | | 0.094 | 0.093 | 0.092 | 0.075 | 0.087 | 0.088 | 0.088 | 8.10 |
| 36) | C | 4-Chloro-3-met... | | 0.283 | 0.307 | 0.304 | 0.297 | 0.259 | 0.290 | 0.277 | 0.288 | 5.77 |
| 37) | | 2-Methylnaphth... | | 0.702 | 0.672 | 0.665 | 0.647 | 0.559 | 0.623 | 0.583 | 0.636 | 7.98 |
| 38) | | 1-Methylnaphth... | | 0.667 | 0.681 | 0.632 | 0.620 | 0.536 | 0.600 | 0.561 | 0.614 | 8.61 |

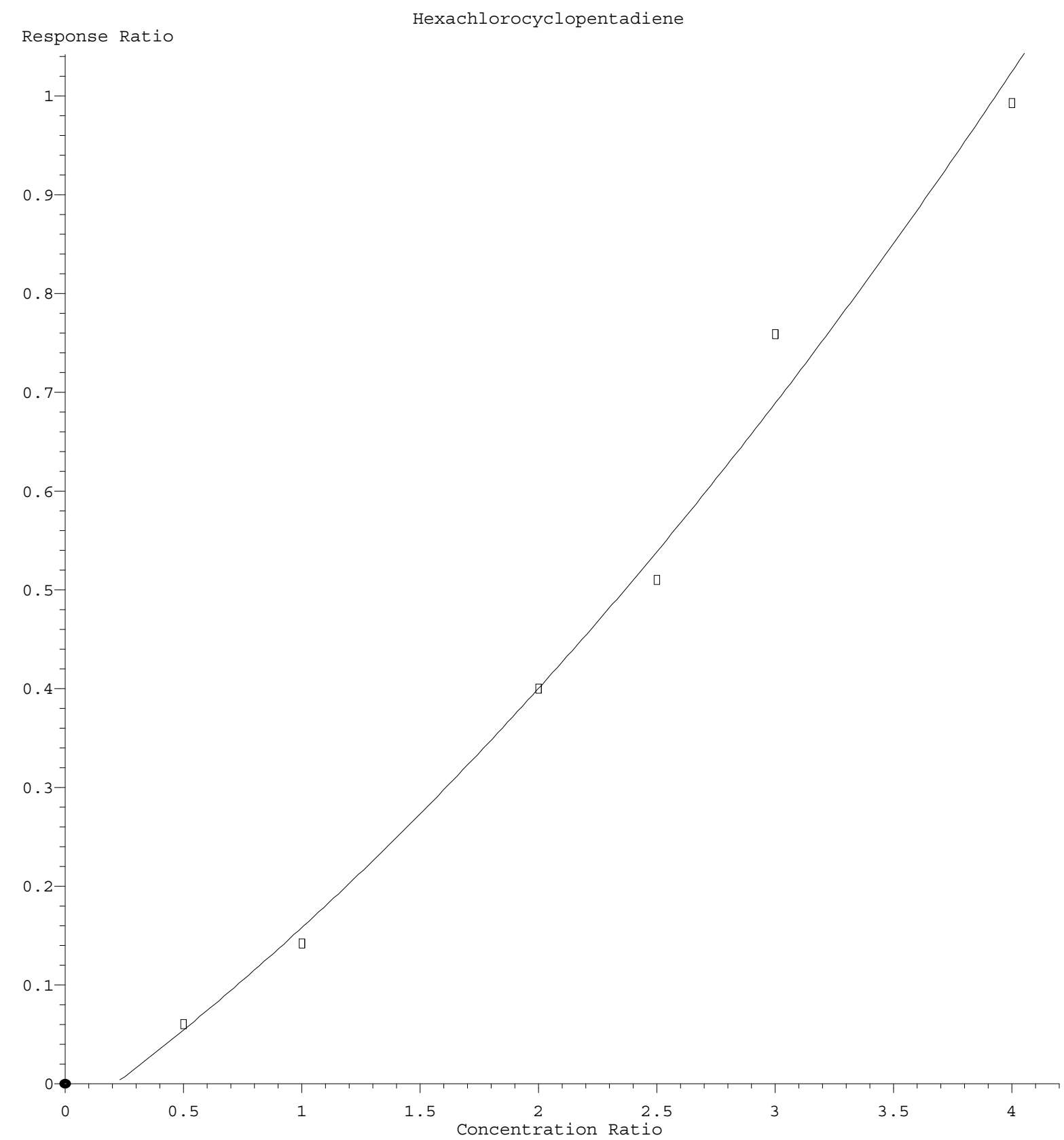
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.677 | 0.662 | 0.659 | 0.675 | 0.588 | 0.716 | 0.611 | 0.655 | 6.57 |
| 41) | P | Hexachlorocycl... | | 0.121 | 0.142 | 0.200 | 0.204 | 0.253 | 0.248 | 0.195 | 27.78 |
| 42) | S | 2,4,6-Tribromo... | 0.242 | 0.257 | 0.257 | 0.265 | 0.227 | 0.261 | 0.249 | 0.251 | 5.27 |
| 43) | C | 2,4,6-Trichlor... | 0.440 | 0.449 | 0.449 | 0.456 | 0.409 | 0.489 | 0.431 | 0.446 | 5.49 |
| 44) | | 2,4,5-Trichlor... | 0.497 | 0.489 | 0.497 | 0.489 | 0.438 | 0.502 | 0.456 | 0.481 | 5.05 |
| 45) | S | 2-Fluorobiphenyl | 1.598 | 1.428 | 1.361 | 1.350 | 1.177 | 1.381 | 1.183 | 1.354 | 10.72 |
| 46) | | 1,1'-Biphenyl | 1.535 | 1.446 | 1.425 | 1.408 | 1.239 | 1.450 | 1.270 | 1.396 | 7.52 |
| 47) | | 2-Chloronaphth... | 1.303 | 1.216 | 1.206 | 1.204 | 1.068 | 1.252 | 1.087 | 1.191 | 7.12 |
| 48) | | 2-Nitroaniline | 0.302 | 0.347 | 0.349 | 0.361 | 0.326 | 0.374 | 0.345 | 0.344 | 6.84 |
| 49) | | Acenaphthylene | 1.727 | 1.686 | 1.677 | 1.645 | 1.440 | 1.678 | 1.506 | 1.623 | 6.57 |
| 50) | | Dimethylphthalate | 1.437 | 1.343 | 1.359 | 1.345 | 1.168 | 1.375 | 1.247 | 1.325 | 6.71 |
| 51) | | 2,6-Dinitrotol... | 0.251 | 0.271 | 0.271 | 0.276 | 0.252 | 0.290 | 0.266 | 0.268 | 5.16 |
| 52) | C | Acenaphthene | 1.138 | 1.162 | 1.120 | 1.096 | 0.956 | 1.117 | 1.007 | 1.085 | 6.90 |
| 53) | | 3-Nitroaniline | 0.271 | 0.301 | 0.302 | 0.315 | 0.264 | 0.316 | 0.283 | 0.293 | 7.07 |
| 54) | P | 2,4-Dinitrophenol | | 0.202 | 0.166 | 0.140 | 0.133 | 0.168 | 0.164 | 0.162 | 14.99 |
| 55) | | Dibenzofuran | 1.644 | 1.600 | 1.586 | 1.551 | 1.337 | 1.562 | 1.359 | 1.520 | 7.99 |
| 56) | P | 4-Nitrophenol | | 0.273 | 0.202 | 0.204 | 0.185 | 0.211 | 0.198 | 0.212 | 14.64 |
| 57) | | 2,4-Dinitrotol... | 0.322 | 0.377 | 0.372 | 0.385 | 0.328 | 0.377 | 0.353 | 0.359 | 7.07 |
| 58) | | Fluorene | 1.295 | 1.223 | 1.197 | 1.180 | 0.997 | 1.149 | 1.048 | 1.156 | 8.88 |
| 59) | | 2,3,4,6-Tetrac... | 0.308 | 0.347 | 0.336 | 0.358 | 0.316 | 0.372 | 0.345 | 0.340 | 6.58 |
| 60) | | Diethylphthalate | 1.294 | 1.273 | 1.254 | 1.254 | 1.075 | 1.237 | 1.163 | 1.221 | 6.27 |
| 61) | | 4-Chlorophenyl... | 0.711 | 0.701 | 0.678 | 0.685 | 0.570 | 0.659 | 0.605 | 0.658 | 7.92 |
| 62) | | 4-Nitroaniline | 0.273 | 0.290 | 0.293 | 0.288 | 0.254 | 0.288 | 0.268 | 0.279 | 5.10 |
| 63) | | Azobenzene | 1.157 | 1.203 | 1.145 | 1.164 | 0.995 | 1.197 | 1.096 | 1.137 | 6.33 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.147 | 0.138 | 0.130 | 0.120 | 0.142 | 0.138 | 0.136 | 6.99 |
| 66) | c | n-Nitrosodiphe... | 0.695 | 0.676 | 0.635 | 0.646 | 0.577 | 0.660 | 0.614 | 0.643 | 6.12 |
| 67) | | 4-Bromophenyl-... | 0.264 | 0.260 | 0.255 | 0.263 | 0.228 | 0.266 | 0.252 | 0.255 | 5.18 |
| 68) | | Hexachlorobenzene | 0.306 | 0.306 | 0.305 | 0.300 | 0.273 | 0.319 | 0.296 | 0.301 | 4.74 |
| 69) | | Atrazine | 0.215 | 0.211 | 0.215 | 0.206 | 0.180 | 0.210 | 0.196 | 0.205 | 6.26 |
| 70) | C | Pentachlorophenol | | 0.135 | 0.144 | 0.156 | 0.137 | 0.162 | 0.165 | 0.150 | 8.76 |
| 71) | | Phenanthrene | 1.103 | 1.042 | 0.986 | 1.009 | 0.892 | 1.003 | 0.937 | 0.996 | 6.87 |
| 72) | | Anthracene | 1.120 | 1.059 | 1.027 | 1.022 | 0.897 | 1.027 | 0.936 | 1.013 | 7.37 |
| 73) | | Carbazole | 0.938 | 0.917 | 0.882 | 0.878 | 0.762 | 0.854 | 0.794 | 0.861 | 7.36 |
| 74) | | Di-n-butylphth... | 1.075 | 1.101 | 1.077 | 1.070 | 0.917 | 1.059 | 0.986 | 1.041 | 6.27 |
| 75) | C | Fluoranthene | 1.117 | 1.066 | 1.053 | 1.054 | 0.910 | 1.043 | 0.958 | 1.029 | 6.84 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.707 | 0.519 | 0.624 | 0.512 | 0.635 | 0.553 | 0.592 | 12.98 |
| 78) | | Pyrene | 1.763 | 1.745 | 1.631 | 1.704 | 1.372 | 1.569 | 1.504 | 1.613 | 8.79 |
| 79) | S | Terphenyl-d14 | 1.403 | 1.415 | 1.274 | 1.317 | 1.042 | 1.208 | 1.155 | 1.259 | 10.71 |
| 80) | | Butylbenzylpht... | 0.565 | 0.590 | 0.550 | 0.590 | 0.499 | 0.570 | 0.549 | 0.559 | 5.60 |
| 81) | | Benzo(a)anthra... | 1.455 | 1.340 | 1.330 | 1.430 | 1.290 | 1.493 | 1.366 | 1.386 | 5.37 |
| 82) | | 3,3'-Dichlorob... | | 0.453 | 0.461 | 0.482 | 0.441 | 0.532 | 0.481 | 0.475 | 6.77 |
| 83) | | Chrysene | 1.276 | 1.245 | 1.279 | 1.403 | 1.164 | 1.326 | 1.263 | 1.280 | 5.72 |
| 84) | | Bis(2-ethylhex... | 0.773 | 0.739 | 0.755 | 0.816 | 0.705 | 0.803 | 0.764 | 0.765 | 4.92 |
| 85) | c | Di-n-octyl pht... | | 1.163 | 1.272 | 1.410 | 1.269 | 1.442 | 1.364 | 1.320 | 7.91 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.450 | 1.411 | 1.447 | 1.485 | 1.311 | 1.521 | 1.425 | 1.436 | 4.62 |
| 88) | | Benzo(b)fluora... | 1.199 | 1.133 | 1.114 | 1.233 | 1.002 | 1.134 | 1.143 | 1.137 | 6.40 |
| 89) | | Benzo(k)fluora... | 1.077 | 1.094 | 1.083 | 1.041 | 0.999 | 1.134 | 1.021 | 1.064 | 4.36 |
| 90) | C | Benzo(a)pyrene | 1.064 | 1.050 | 1.058 | 1.077 | 0.963 | 1.103 | 1.029 | 1.049 | 4.23 |
| 91) | | Dibenzo(a,h)an... | 1.155 | 1.155 | 1.175 | 1.198 | 1.040 | 1.209 | 1.138 | 1.153 | 4.85 |
| 92) | | Benzo(g,h,i)pe... | 1.095 | 1.125 | 1.153 | 1.191 | 1.028 | 1.228 | 1.150 | 1.139 | 5.70 |

(#) = Out of Range




R = 2.331e-002 A*A + 1.722e-001 A - 3.751e-002
Coef of Det (r^2) = 0.992660  Curve Fit: Quadratic w(1/a)
Method Name:  Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 85230 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 335743 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 195513 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 365872 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 241412 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 241479 | 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... | 7.275 | 70 | 10629 | 2.616 | ng | # 98 |

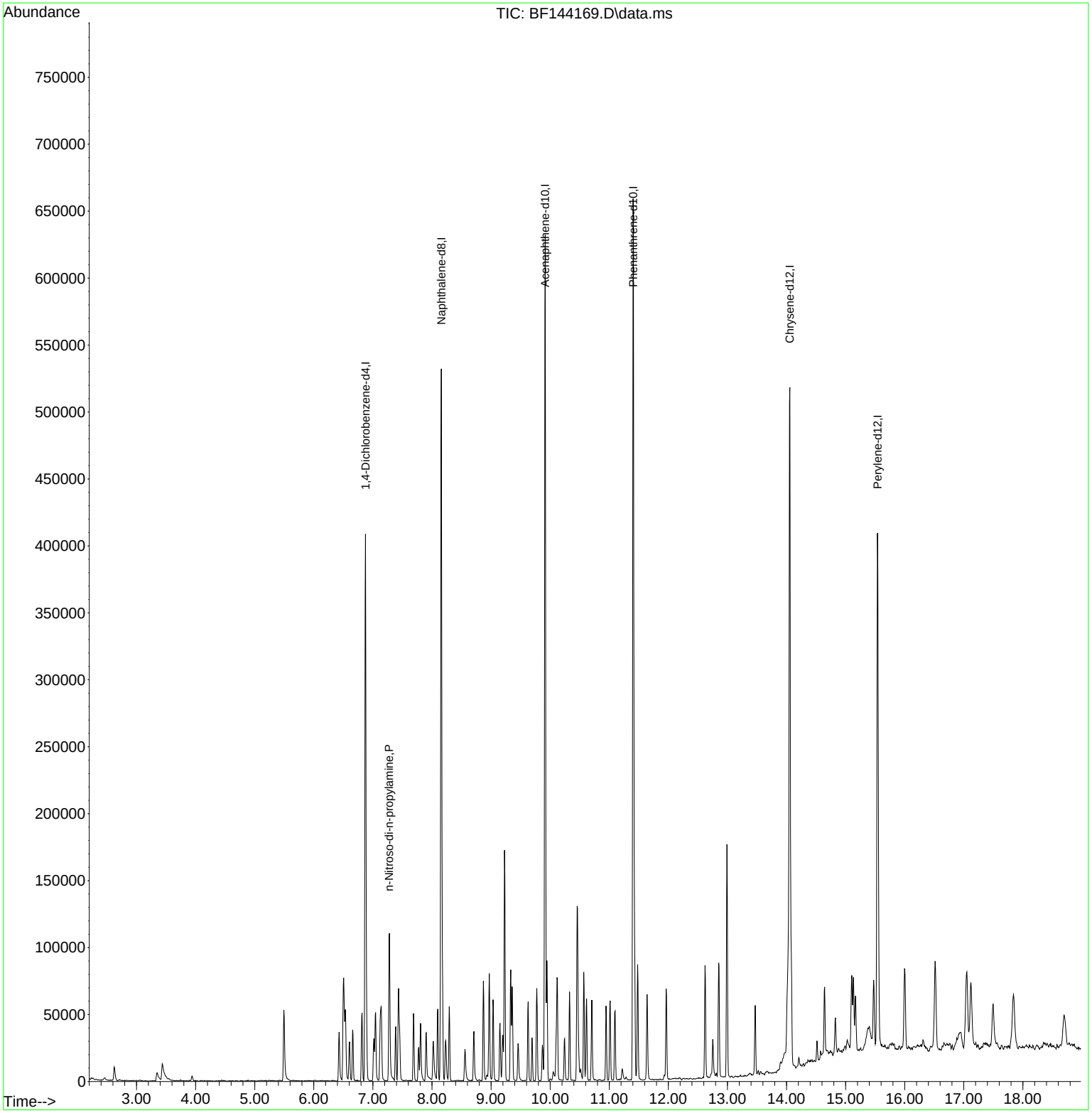
(#) = qualifier out of range (m) = manual integration (+) = signals summed

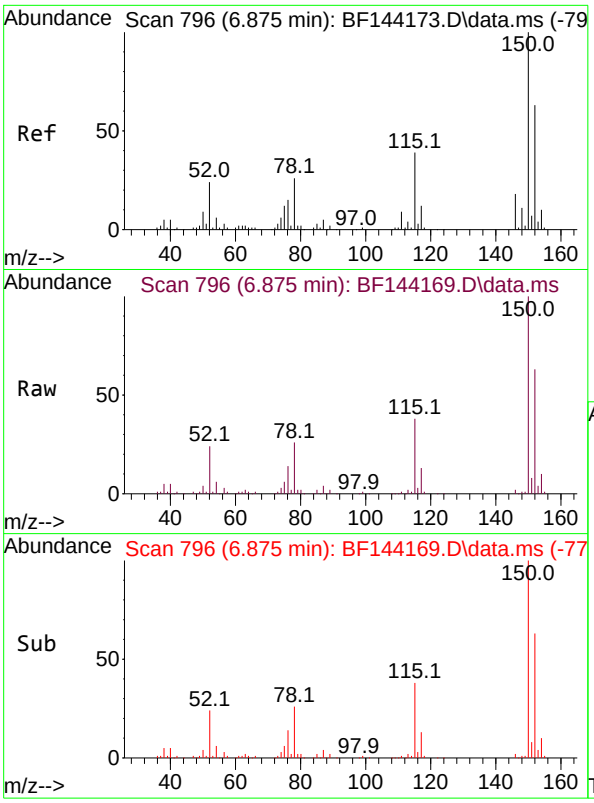
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



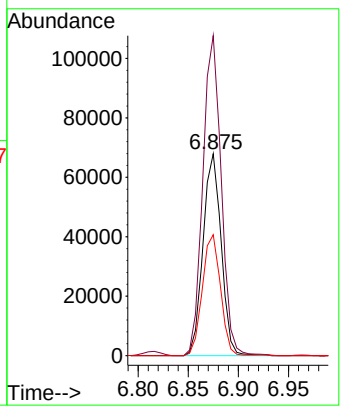


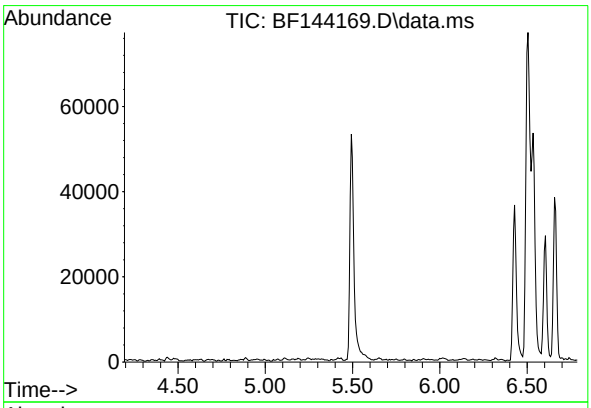

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:152 Resp: 85230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.5 | 127.4 | 191.0 |
| 115 | 59.9 | 49.5 | 74.3 |



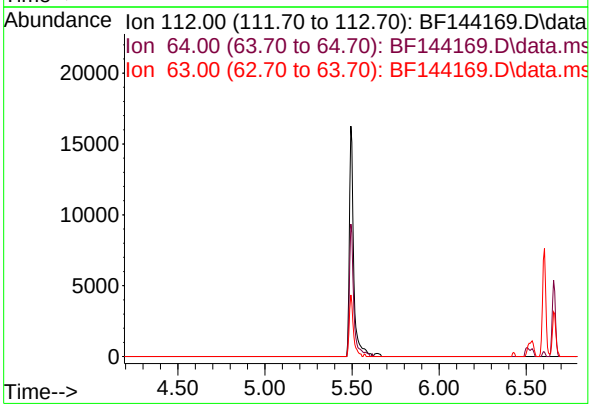



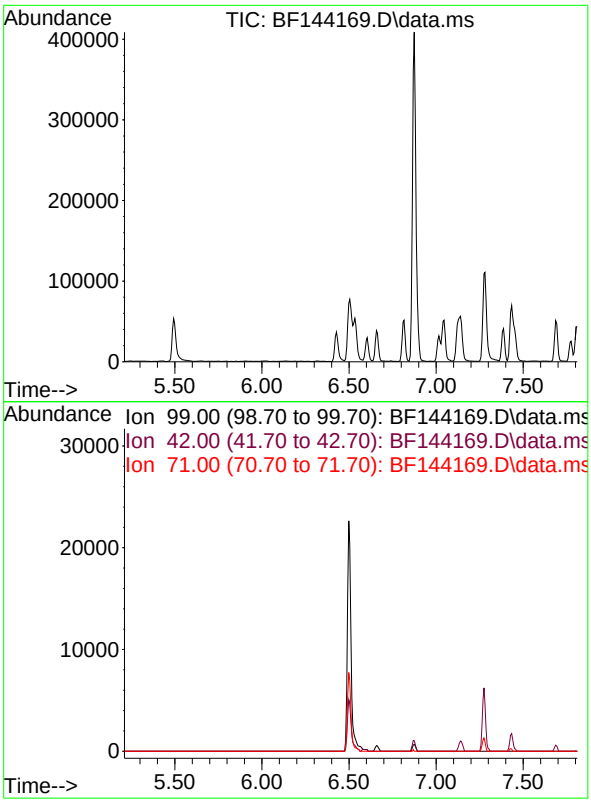

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 59.0 |
| 63 | 30.5 |





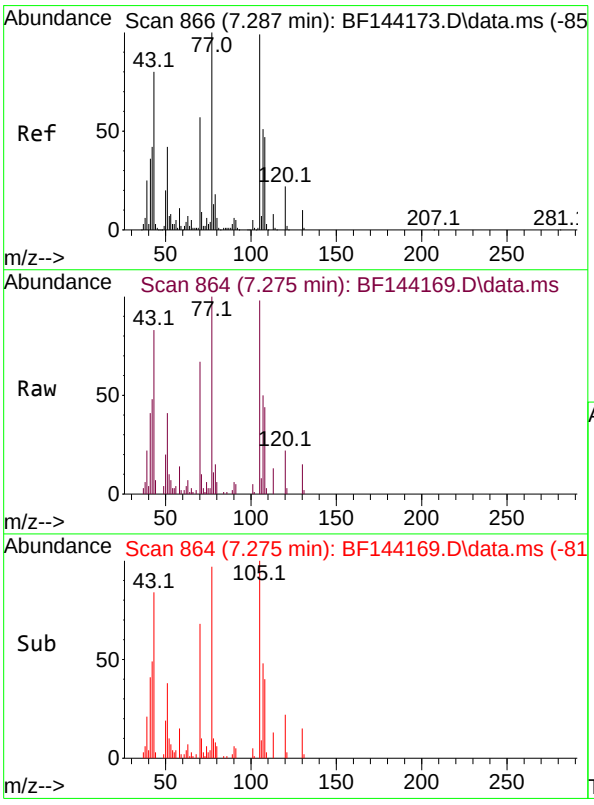

#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 99

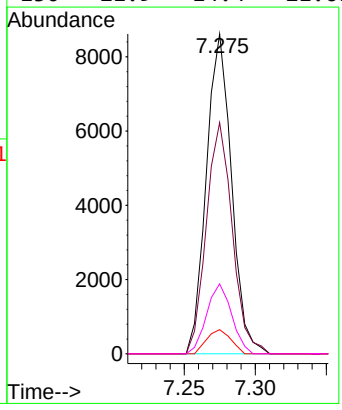
| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 26.1 |
| 71 | 39.3 |

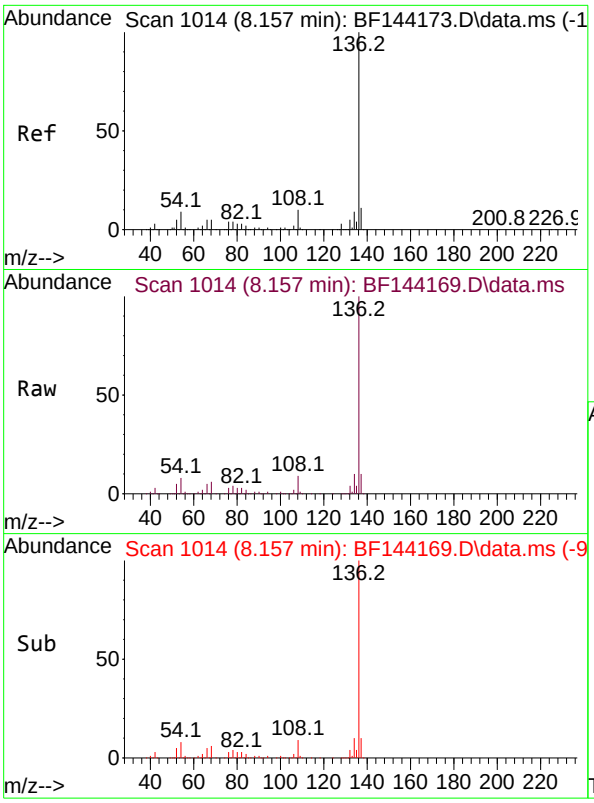



#19
n-Nitroso-di-n-propylamine
Concen: 2.616 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 70 Resp: 10629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.3 | 58.3 | 87.5 |
| 101 | 7.6 | 7.0 | 10.6 |
| 130 | 21.9 | 14.4 | 21.6# |



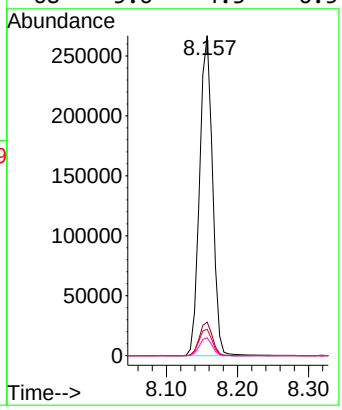


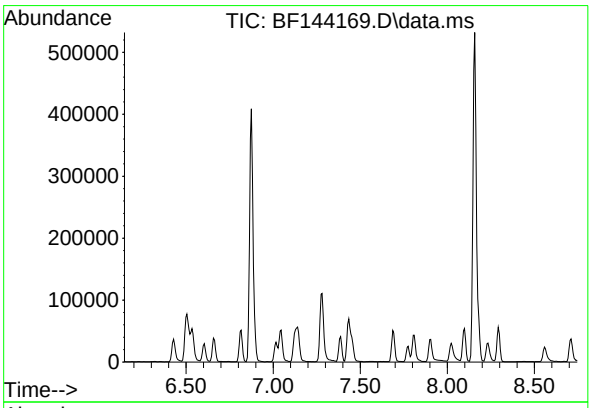

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:136 Resp: 335743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 8.2 | 7.0 | 10.6 |
| 68 | 5.6 | 4.3 | 6.5 |



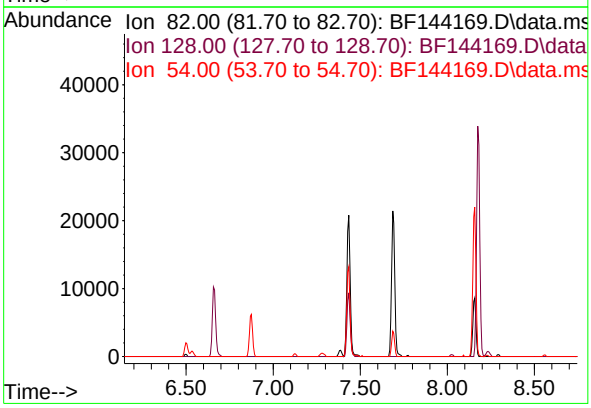



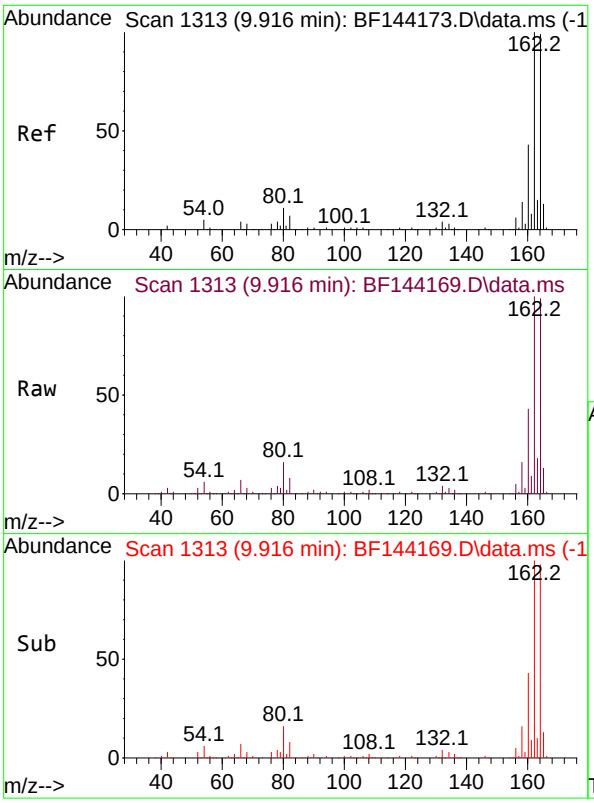

#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 43.4 |
| 54 | 61.9 |



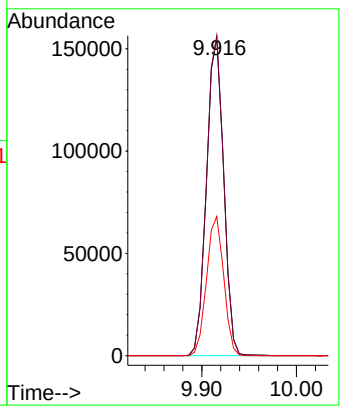


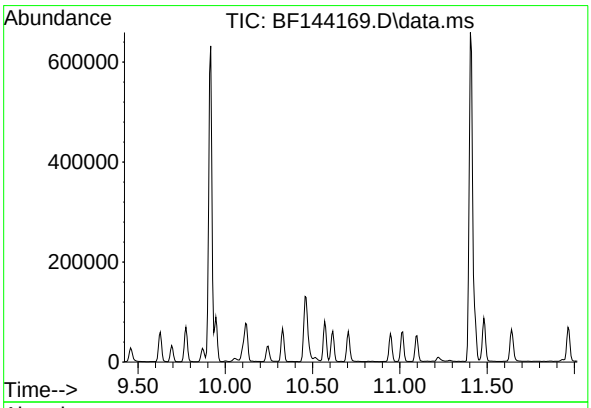

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:164 Resp: 195513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 81.1 | 121.7 |
| 160 | 43.9 | 34.5 | 51.7 |



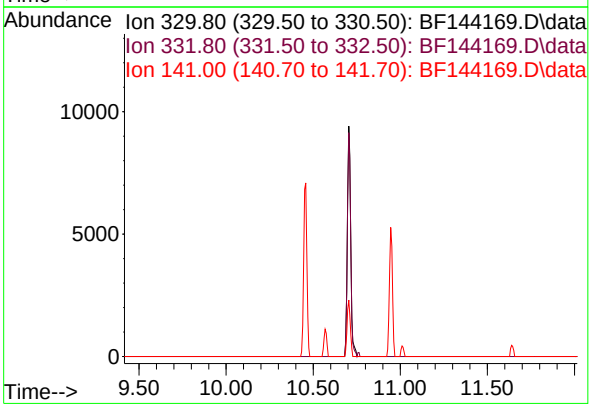



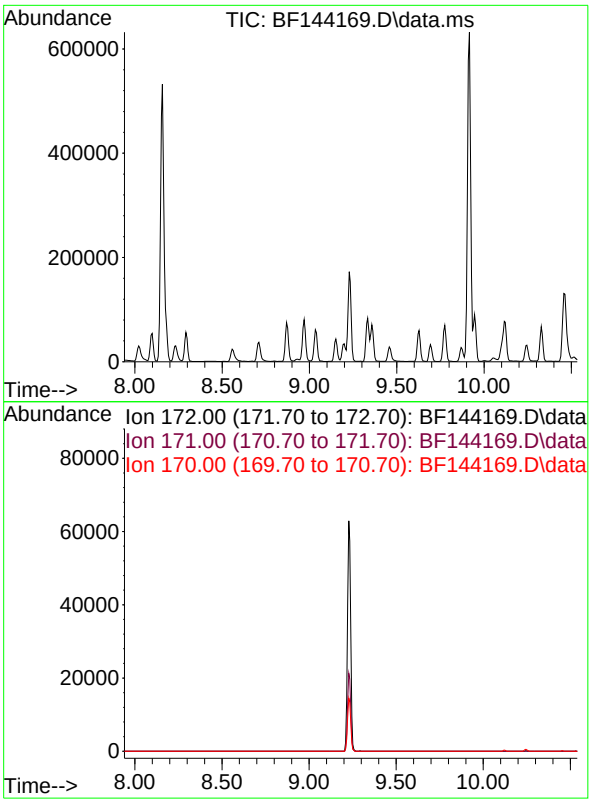

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 95.9 |
| 141 | 22.3 |





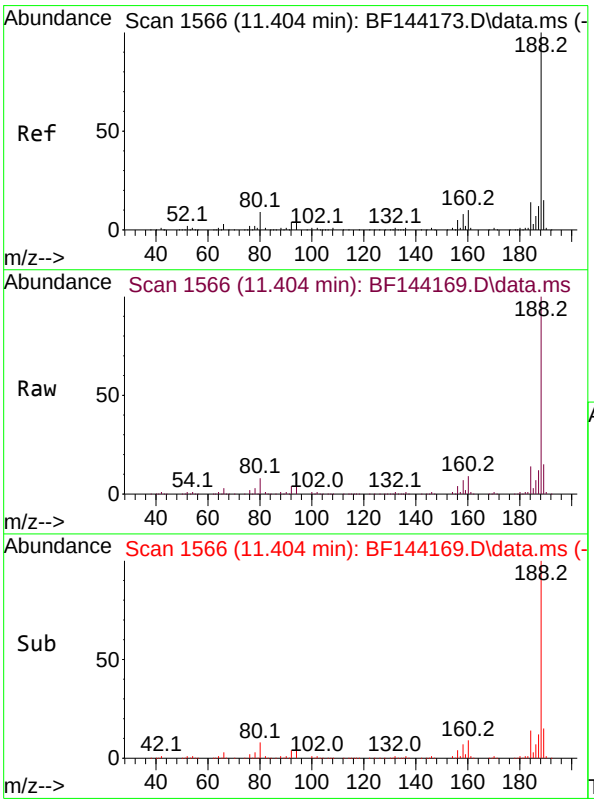

#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 172

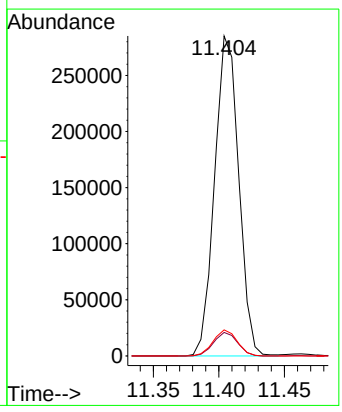
| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 35.1 |
| 170 | 23.3 |

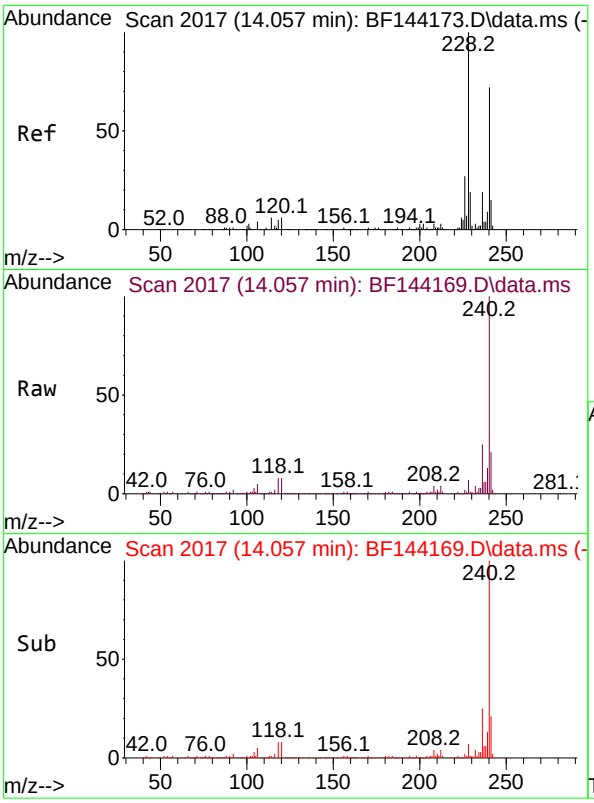



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion:188 Resp: 365872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 6.2 | 9.2 |
| 80 | 8.2 | 6.9 | 10.3 |



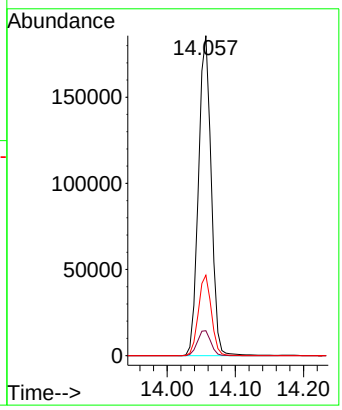


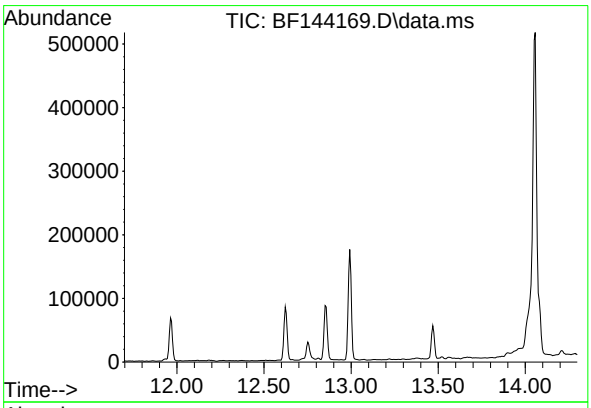

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:240 Resp: 241412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.8 | 6.6 | 10.0 |
| 236 | 25.1 | 21.4 | 32.2 |



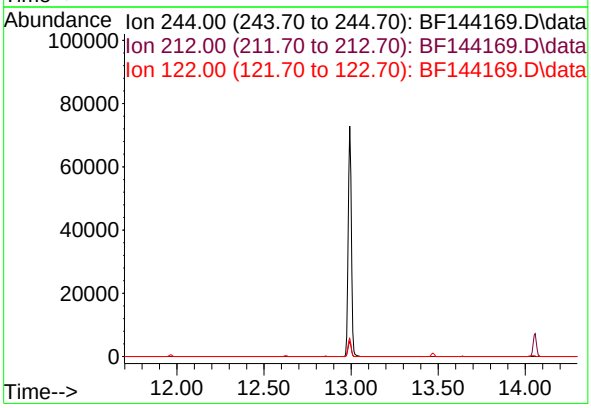



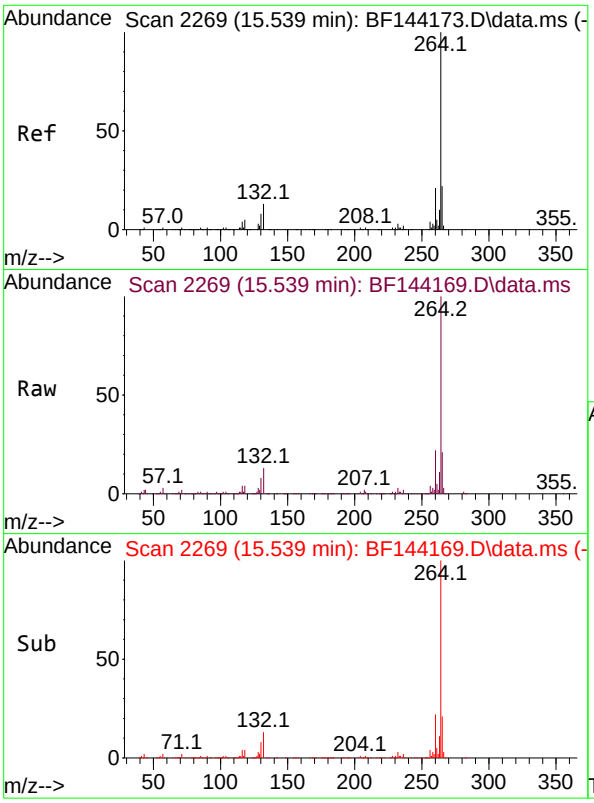

#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 6.6 |
| 122 | 7.0 |



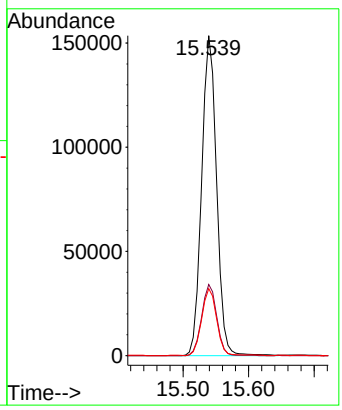



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:264 Resp: 241479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 17.1 | 25.7 |
| 265 | 20.9 | 17.4 | 26.0 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 85379 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 330889 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 188001 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 326565 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 215706 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 15.539 | 264 | 241361 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 56869 | 10.423 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 66870 | 10.817 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 56744 | 9.904 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 22758 | 9.647 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 150248 | 11.803 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.992 | 244 | 151347 | 11.145 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.616 | 88 | 11227 | 4.977 | ng | 98 |
| 3) Pyridine | 3.410 | 79 | 29321 | 4.659 | ng | 98 |
| 6) Aniline | 6.534 | 93 | 46833 | 5.317 | ng | 97 |
| 8) 2-Chlorophenol | 6.657 | 128 | 26502 | 4.953 | ng | 98 |
| 10) Phenol | 6.510 | 94 | 39383 | 5.214 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 27288 | 4.958 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 35799 | 5.422 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.893 | 146 | 35623 | 5.385 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.046 | 146 | 35243 | 5.559 | ng | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140 | 45 | 51408 | 5.072 | ng | 92 |
| 17) 2-Methylphenol | 7.122 | 107 | 21999 | 5.168 | ng | 94 |
| 18) Hexachloroethane | 7.387 | 117 | 10929 | 4.973 | ng | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 21555 | 5.296 | ng | 99 |
| 22) Acetophenone | 7.281 | 105 | 39609 | 5.580 | ng | 97 |
| 24) Nitrobenzene | 7.451 | 77 | 30574 | 4.915 | ng | 98 |
| 25) Isophorone | 7.687 | 82 | 54487 | 5.028 | ng | 97 |
| 26) 2-Nitrophenol | 7.775 | 139 | 13789 | 4.478 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 23283 | 5.045 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 35235 | 5.207 | ng | 97 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 27603 | 5.189 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 28937 | 5.298 | ng | 91 |
| 31) Naphthalene | 8.175 | 128 | 84320 | 5.357 | ng | 100 |
| 33) 4-Chloroaniline | 8.228 | 127 | 29602 | 5.157 | ng | 99 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 21207 | 5.152 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 23428 | 4.914 | ng | 95 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 58087 | 5.520 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 55152 | 5.431 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 31823 | 5.165 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 20685 | 4.933 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 23346 | 5.165 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 72127 | 5.496 | ng | 98 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 61232 | 5.470 | ng | 98 |
| 48) 2-Nitroaniline | 9.457 | 65 | 14208 | 4.399 | ng | 90 |
| 49) Acenaphthylene | 9.775 | 152 | 81168 | 5.321 | ng | 100 |
| 50) Dimethylphthalate | 9.628 | 163 | 67538 | 5.423 | ng | 97 |
| 51) 2,6-Dinitrotoluene | 9.692 | 165 | 11809 | 4.684 | ng | 94 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 52) Acenaphthene | 9.945 | 154 | 53468 | 5.241 | ng | | 96 |
| 53) 3-Nitroaniline | 9.869 | 138 | 12750 | 4.626 | ng | | 88 |
| 55) Dibenzofuran | 10.116 | 168 | 77278 | 5.409 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 15136 | 4.485 | ng | # | 93 |
| 58) Fluorene | 10.463 | 166 | 60881 | 5.605 | ng | | 94 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 14470 | 4.525 | ng | | 96 |
| 60) Diethylphthalate | 10.328 | 149 | 60815 | 5.297 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 33416 | 5.401 | ng | | 97 |
| 62) 4-Nitroaniline | 10.475 | 138 | 12847 | 4.895 | ng | | 91 |
| 63) Azobenzene | 10.616 | 77 | 54383 | 5.089 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 56733 | 5.401 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 21547 | 5.169 | ng | | 96 |
| 68) Hexachlorobenzene | 11.010 | 284 | 24951 | 5.082 | ng | | 99 |
| 69) Atrazine | 11.098 | 200 | 17546 | 5.253 | ng | | 93 |
| 71) Phenanthrene | 11.428 | 178 | 90035 | 5.537 | ng | | 99 |
| 72) Anthracene | 11.481 | 178 | 91416 | 5.529 | ng | | 99 |
| 73) Carbazole | 11.639 | 167 | 76605 | 5.449 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 87751 | 5.163 | ng | | 100 |
| 75) Fluoranthene | 12.622 | 202 | 91198 | 5.430 | ng | | 97 |
| 78) Pyrene | 12.851 | 202 | 95053 | 5.465 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 30478 | 5.056 | ng | | 92 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 78472 | 5.249 | ng | | 96 |
| 83) Chrysene | 14.080 | 228 | 68808 | 4.986 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 41706 | 5.054 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 87482 | 5.049 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 72360m | 5.273 | ng | | |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 64984 | 5.060 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 64190 | 5.071 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 69714 | 5.010 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.492 | 276 | 66099 | 4.810 | ng | | 97 |

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

ICAL Form

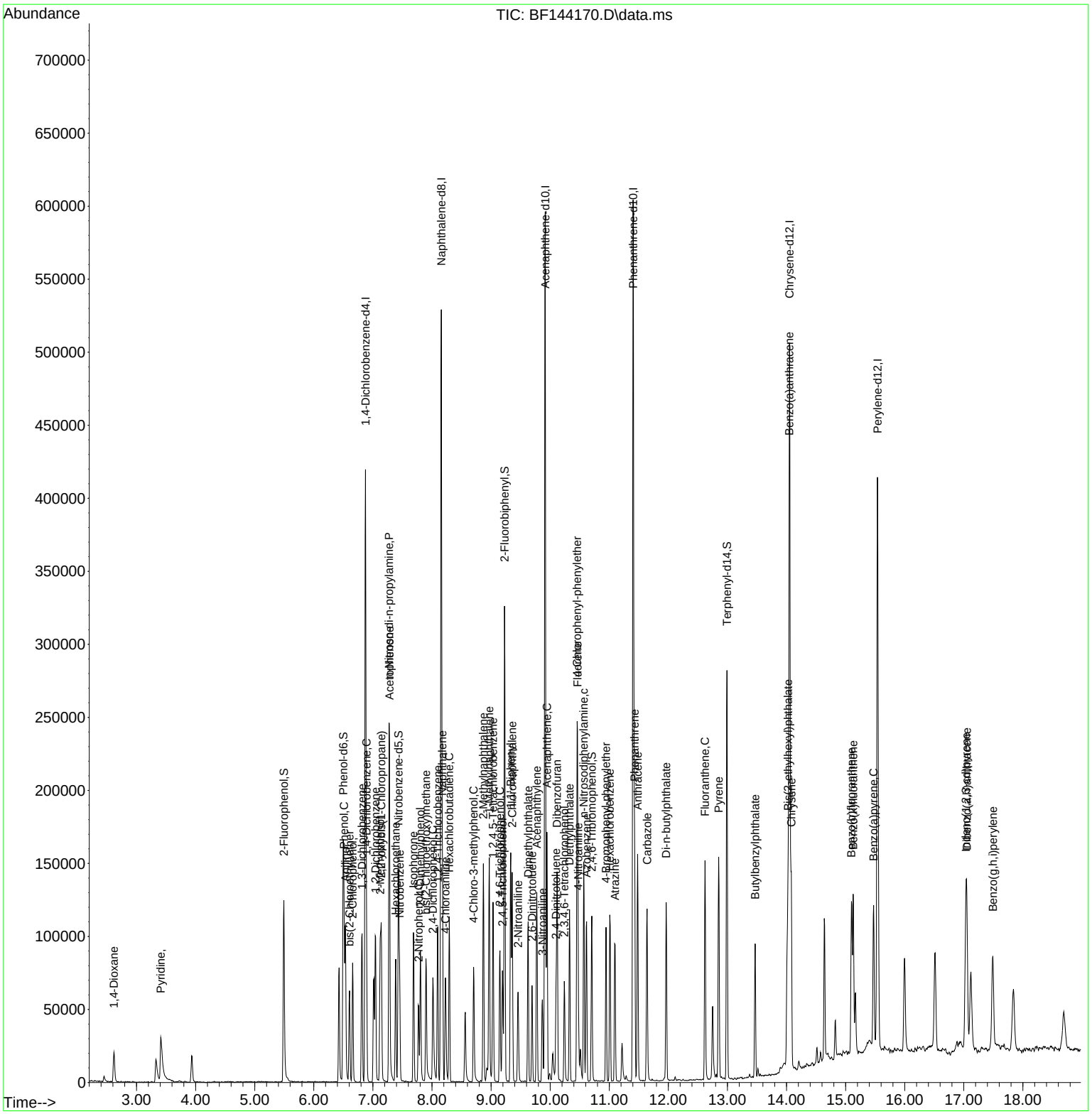
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

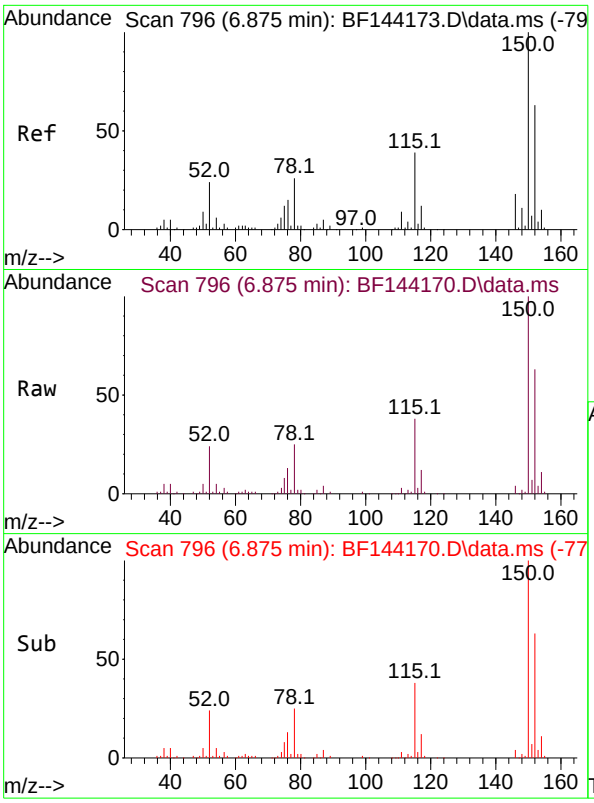
Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

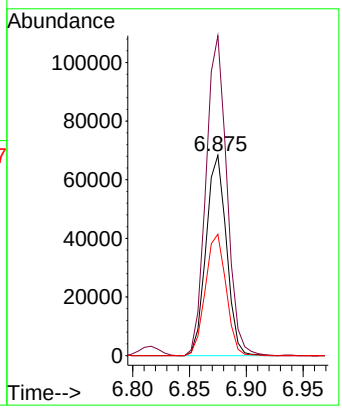





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:152 Resp: 85379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.8 | 127.4 | 191.0 |
| 115 | 60.6 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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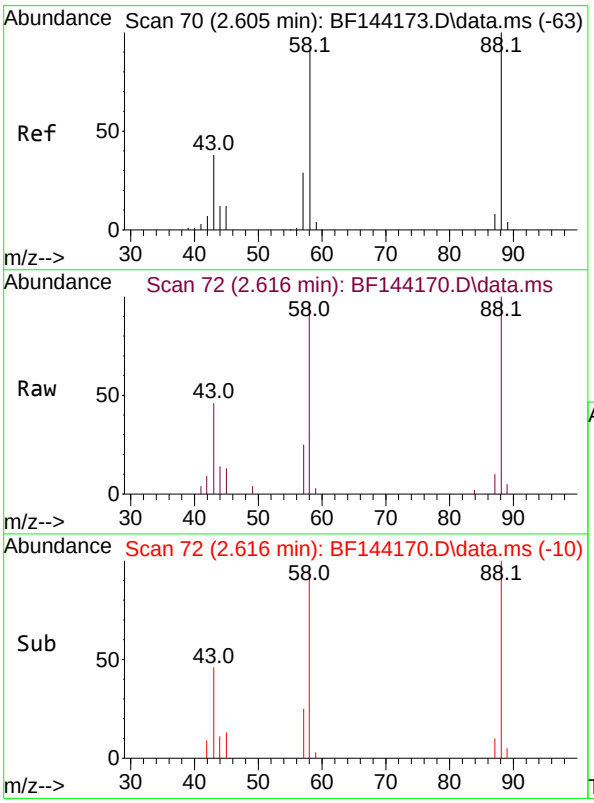
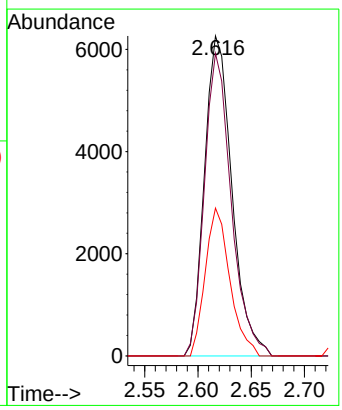
Supervised By :Jagrut Upadhyay 11/06/2025

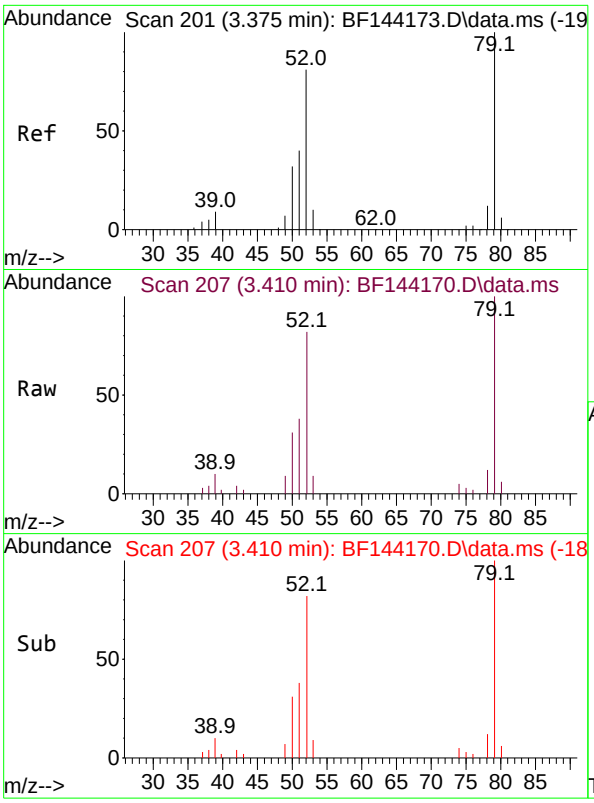



#2
1,4-Dioxane
Concen: 4.977 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 88 Resp: 11227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 92.4 | 73.1 | 109.7 |
| 43 | 41.5 | 31.0 | 46.6 |

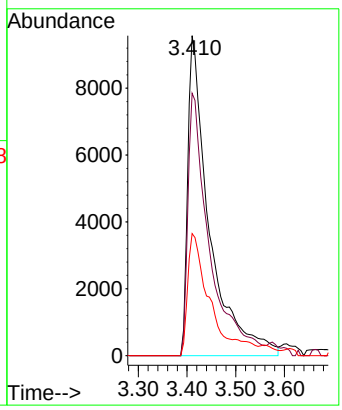





#3
Pyridine
Concen: 4.659 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 79 Resp: 2932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 82.0 | 64.5 | 96.7 |
| 51 | 38.1 | 31.7 | 47.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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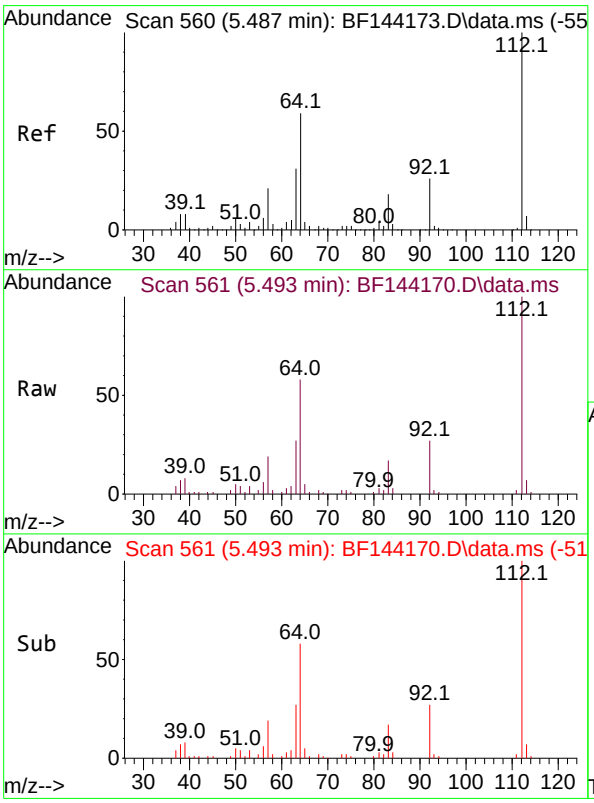
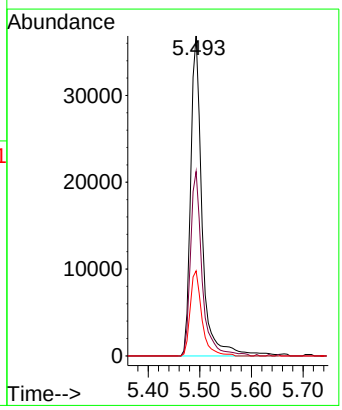
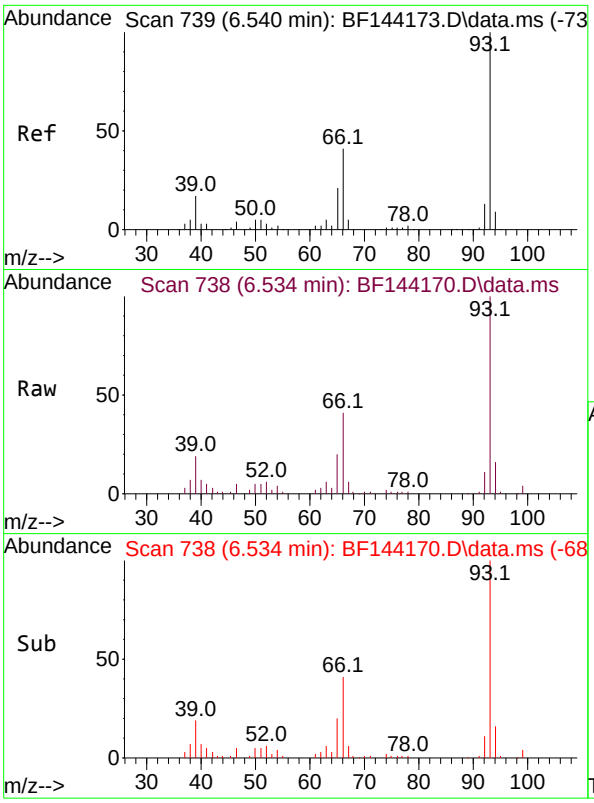



#5
2-Fluorophenol
Concen: 10.423 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:112 Resp: 56869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.6 | 47.2 | 70.8 |
| 63 | 26.6 | 24.4 | 36.6 |

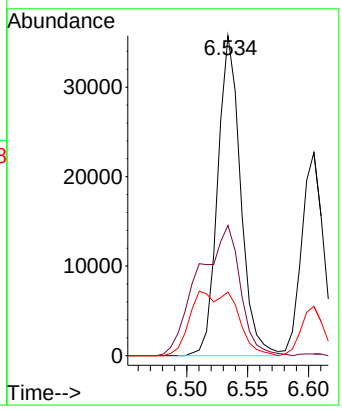





#6
Aniline
Concen: 5.317 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 93 Resp: 4683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.7 | 34.3 | 51.5 |
| 65 | 19.9 | 16.9 | 25.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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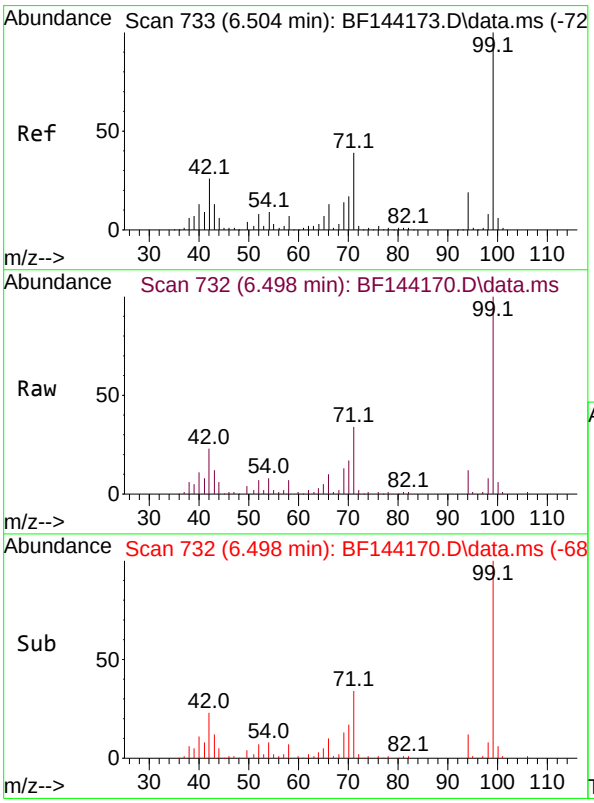
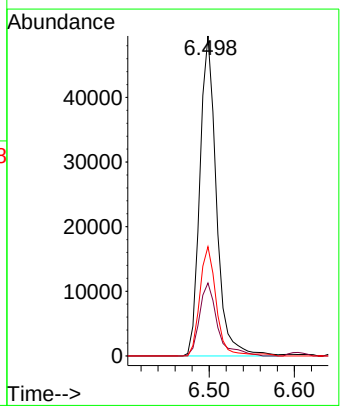
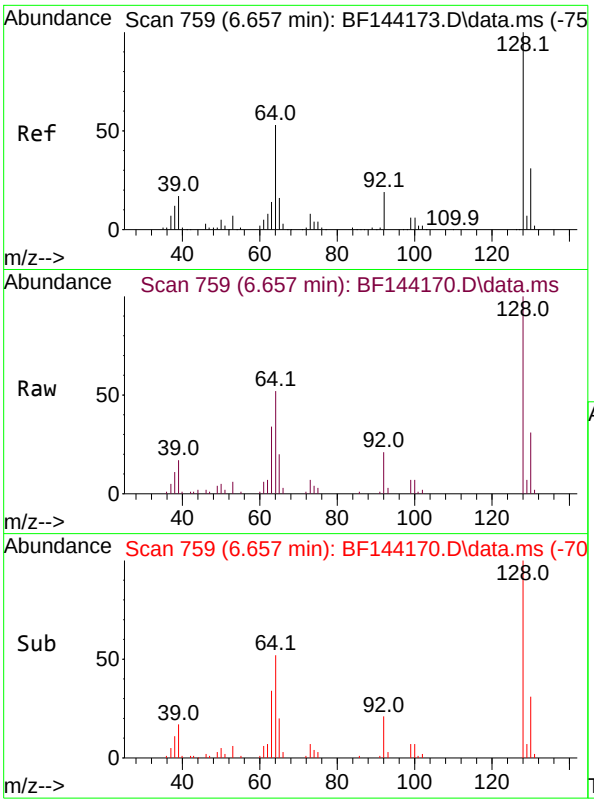



#7
Phenol-d6
Concen: 10.817 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 99 Resp: 66870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.8 | 20.9 | 31.3 |
| 71 | 34.1 | 31.4 | 47.2 |

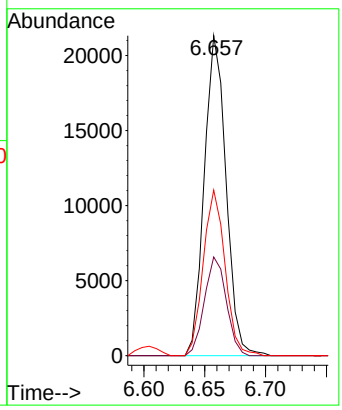





#8
2-Chlorophenol
Concen: 4.953 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:128 Resp: 2650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.8 | 10.5 | 50.5 |
| 64 | 51.7 | 33.2 | 73.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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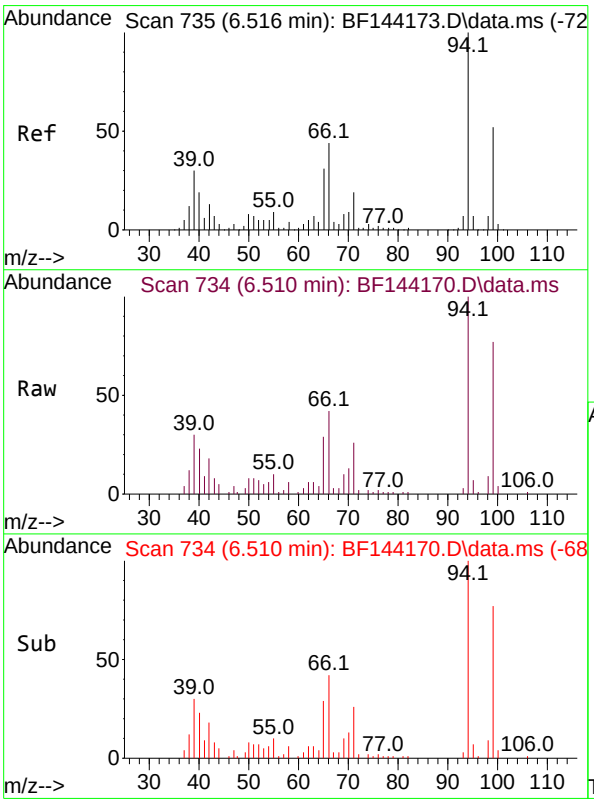
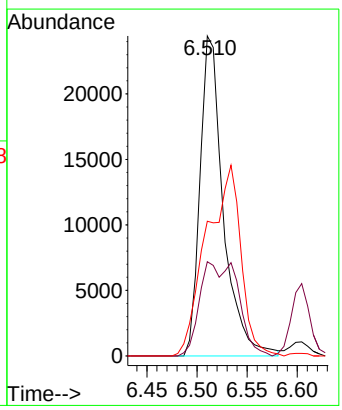
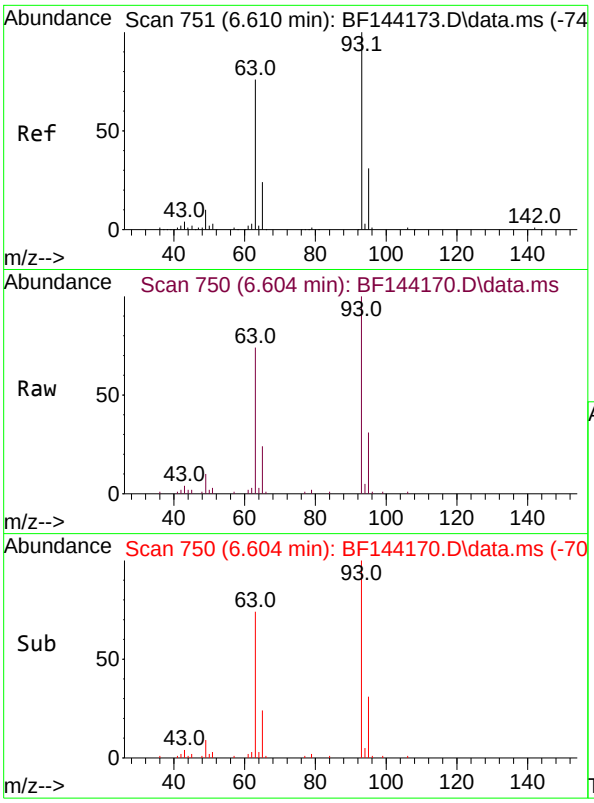



#10
Phenol
Concen: 5.214 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 94 Resp: 39383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.4 | 10.8 | 50.8 |
| 66 | 42.1 | 24.3 | 64.3 |

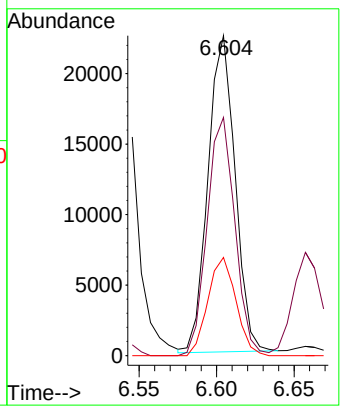





#11
bis(2-Chloroethyl)ether
Concen: 4.958 ng
RT: 6.604 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 93 Resp: 2728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.4 | 55.2 | 95.2 |
| 95 | 30.7 | 11.2 | 51.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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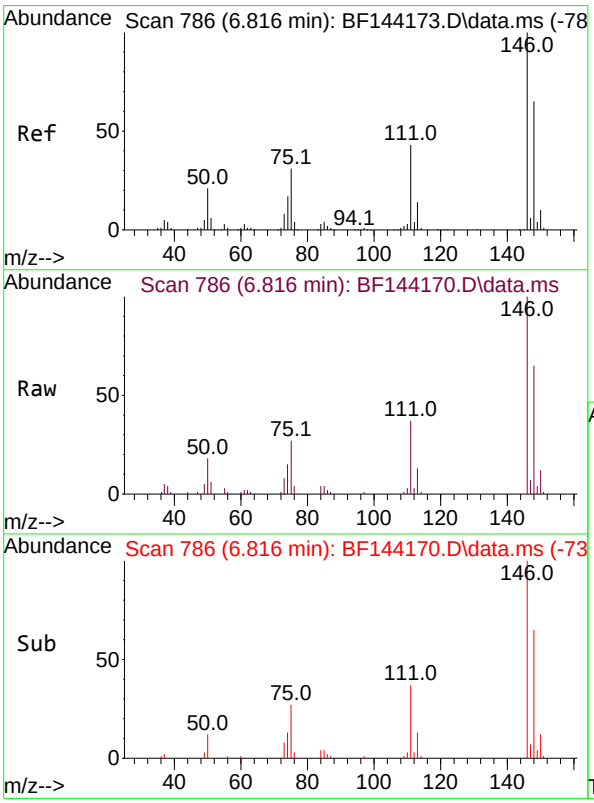
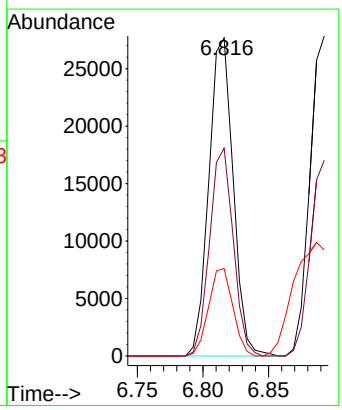
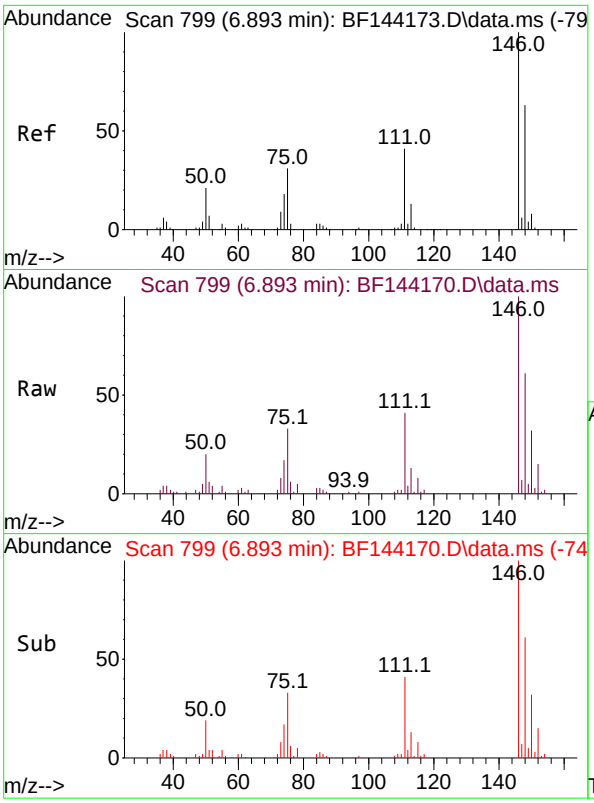



#12
1,3-Dichlorobenzene
Concen: 5.422 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 51.8 | 77.8 |
| 75 | 27.4 | 25.0 | 37.4 |

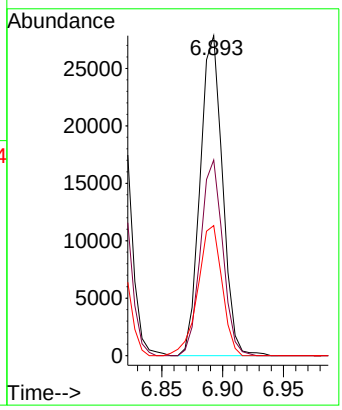





#13
1,4-Dichlorobenzene
Concen: 5.385 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 3562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.1 | 50.2 | 75.2 |
| 111 | 40.6 | 32.6 | 48.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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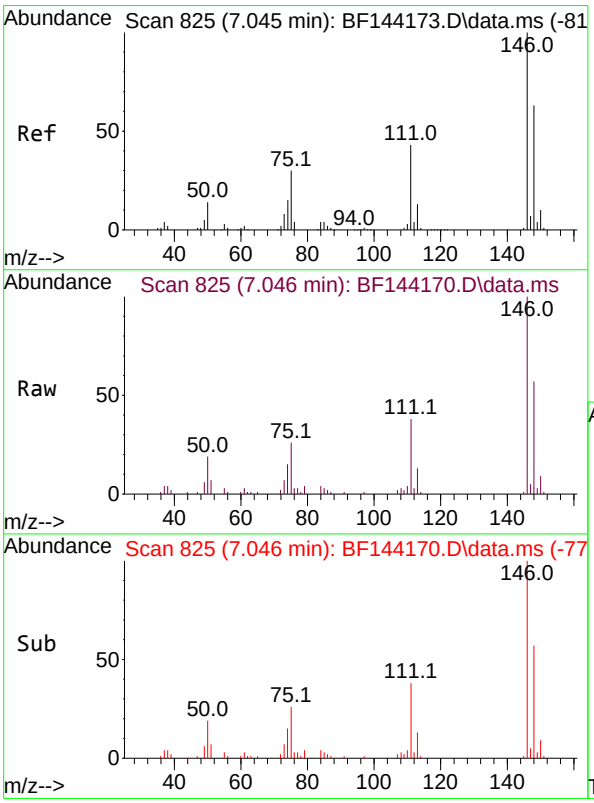
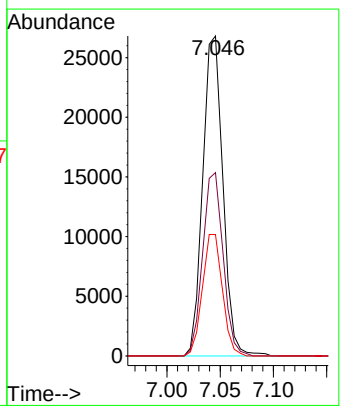
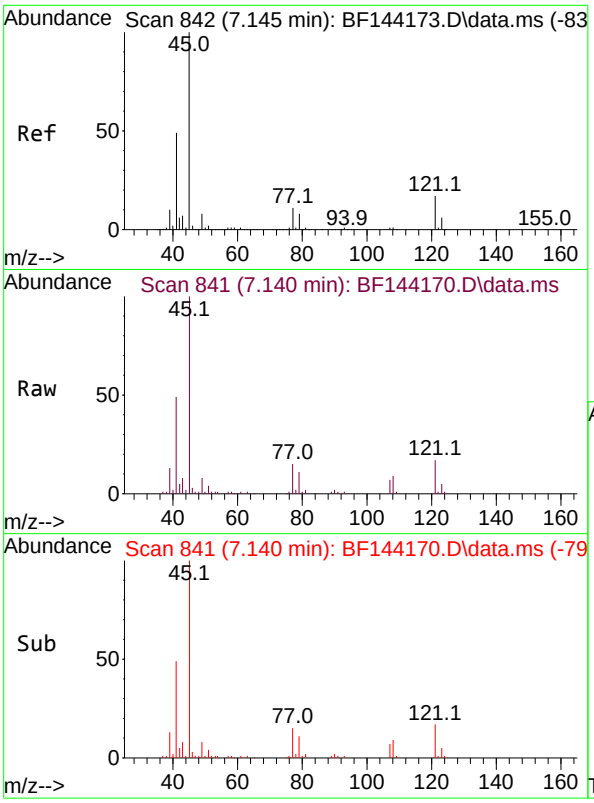



#14
1,2-Dichlorobenzene
Concen: 5.559 ng
RT: 7.046 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 57.3 | 50.7 | 76.1 |
| 111 | 37.9 | 34.2 | 51.4 |

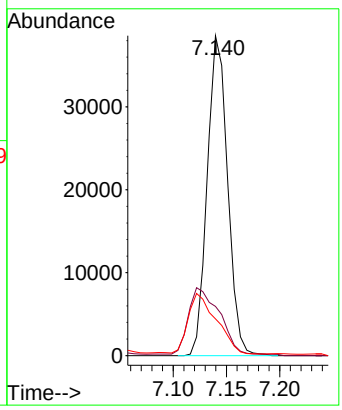





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.072 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 45 Resp: 5140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.4 | 0.0 | 31.8 |
| 79 | 11.5 | 0.0 | 29.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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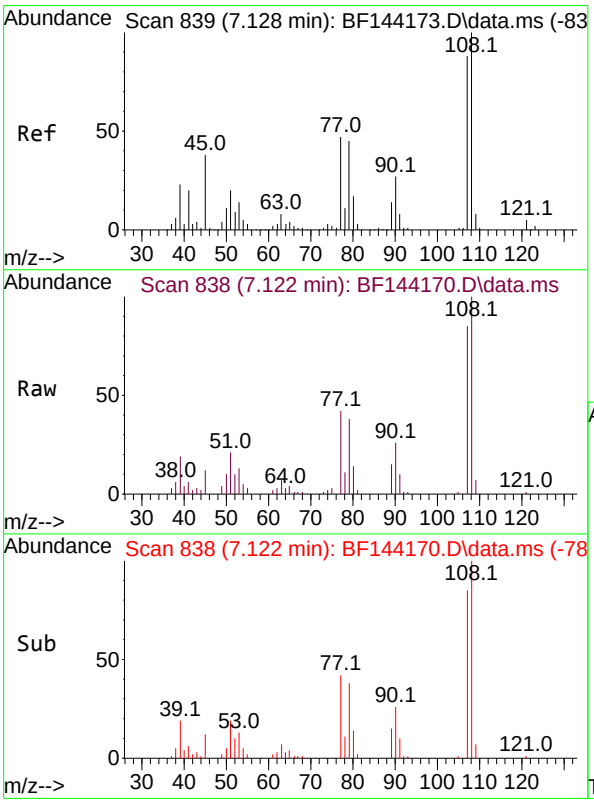
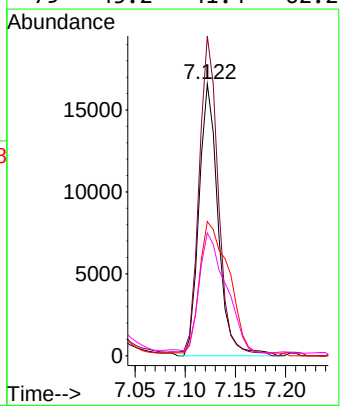
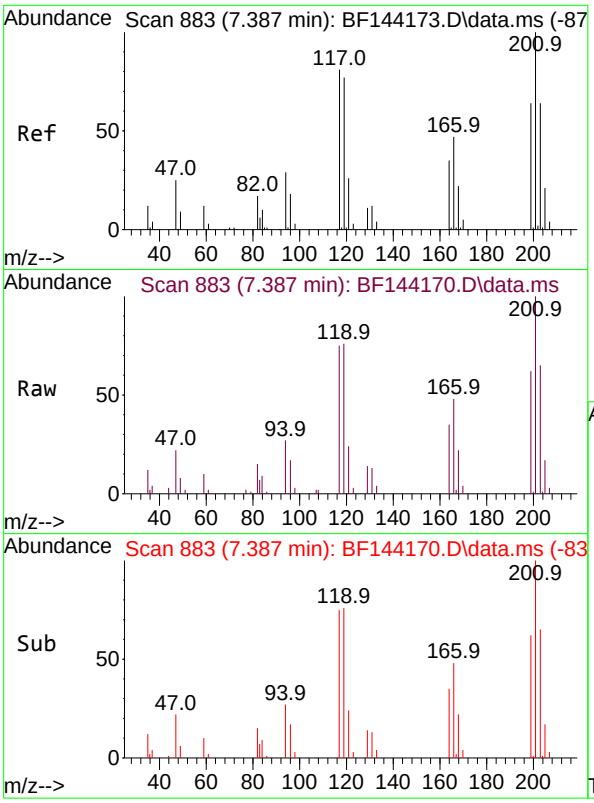



#17
2-Methylphenol
Concen: 5.168 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:107 Resp: 21999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.7 | 91.0 | 136.4 |
| 77 | 49.4 | 42.7 | 64.1 |
| 79 | 45.2 | 41.4 | 62.2 |

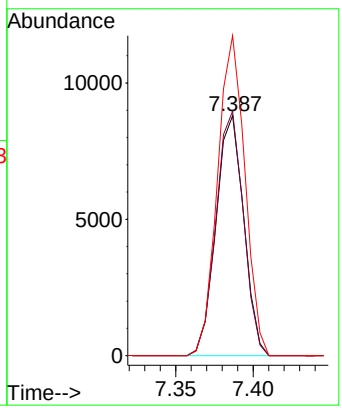





#18
Hexachloroethane
Concen: 4.973 ng
RT: 7.387 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:117 Resp: 1092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 102.0 | 75.8 | 113.8 |
| 201 | 133.4 | 98.9 | 148.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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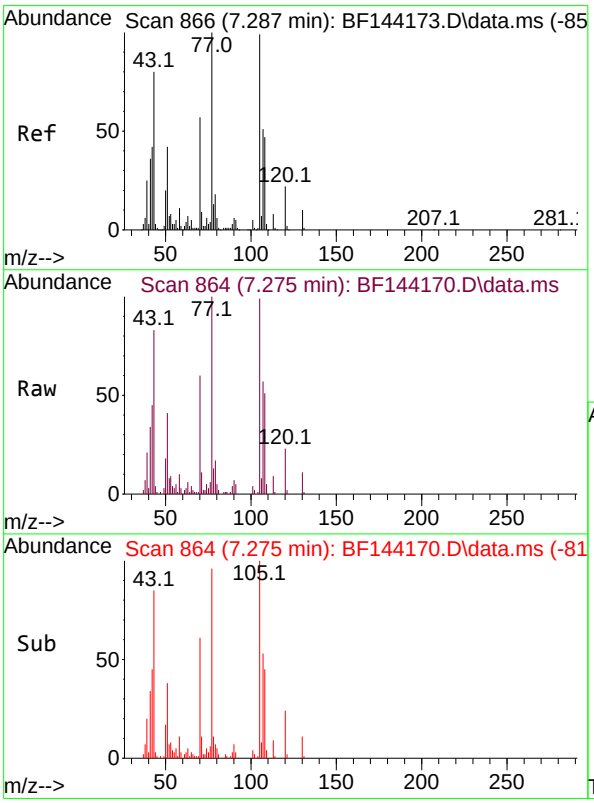
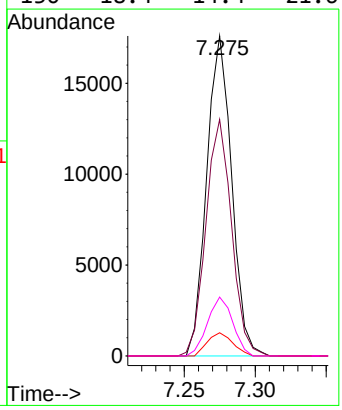
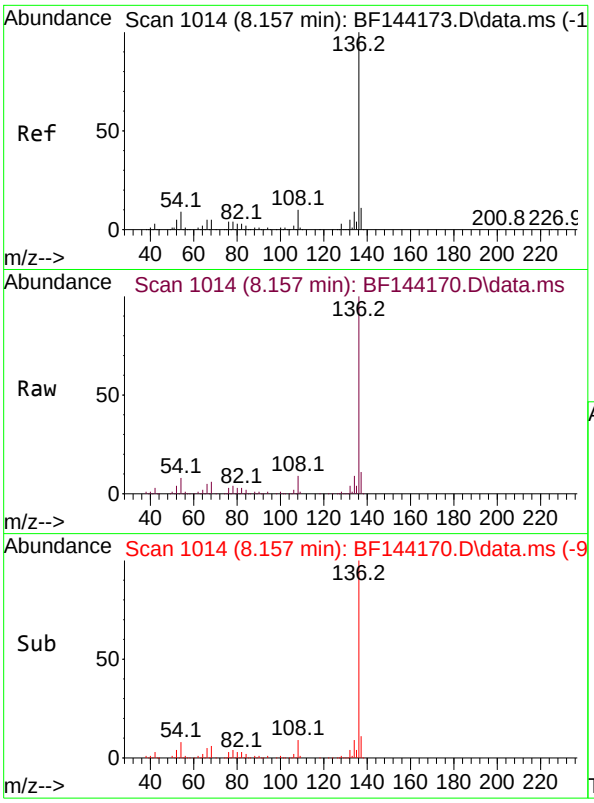



#19
n-Nitroso-di-n-propylamine
Concen: 5.296 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 70 Resp: 21555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 73.9 | 58.3 | 87.5 |
| 101 | 7.3 | 7.0 | 10.6 |
| 130 | 18.4 | 14.4 | 21.6 |

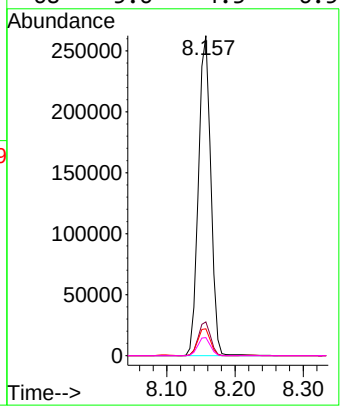





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:136 Resp: 330889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 8.4 | 7.0 | 10.6 |
| 68 | 5.6 | 4.3 | 6.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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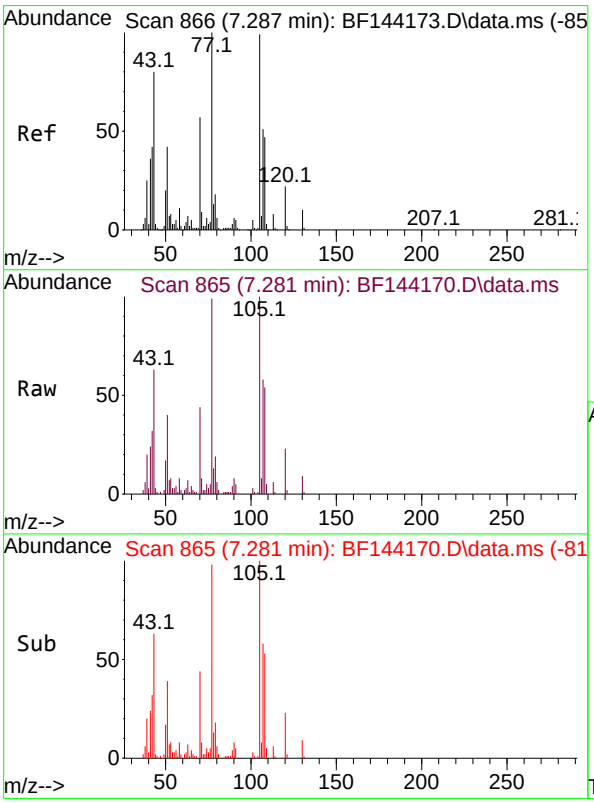
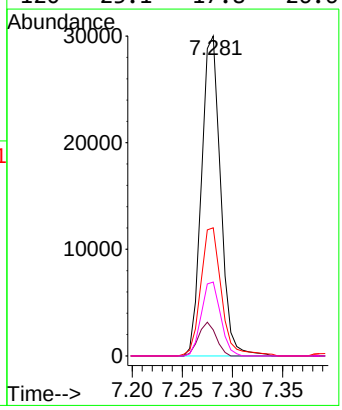
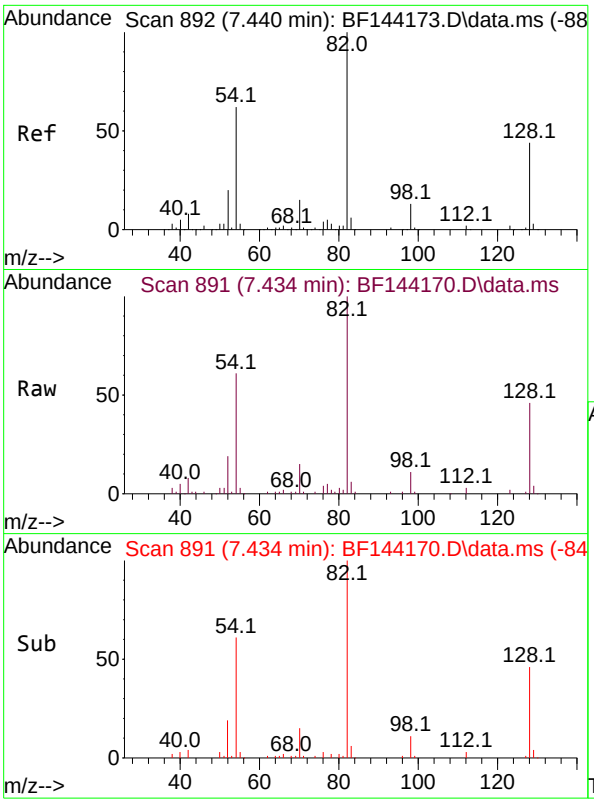



#22
Acetophenone
Concen: 5.580 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:105 Resp: 39609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.1 | 7.2 | 10.8 |
| 51 | 40.0 | 34.0 | 51.0 |
| 120 | 23.1 | 17.8 | 26.6 |

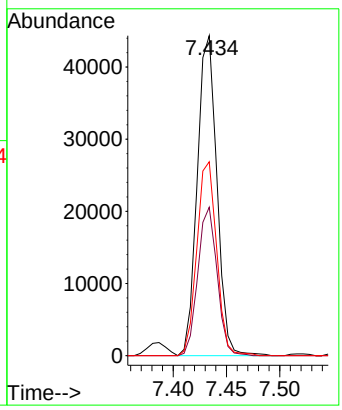





#23
Nitrobenzene-d5
Concen: 9.904 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 82 Resp: 5674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.4 | 34.7 | 52.1 |
| 54 | 60.6 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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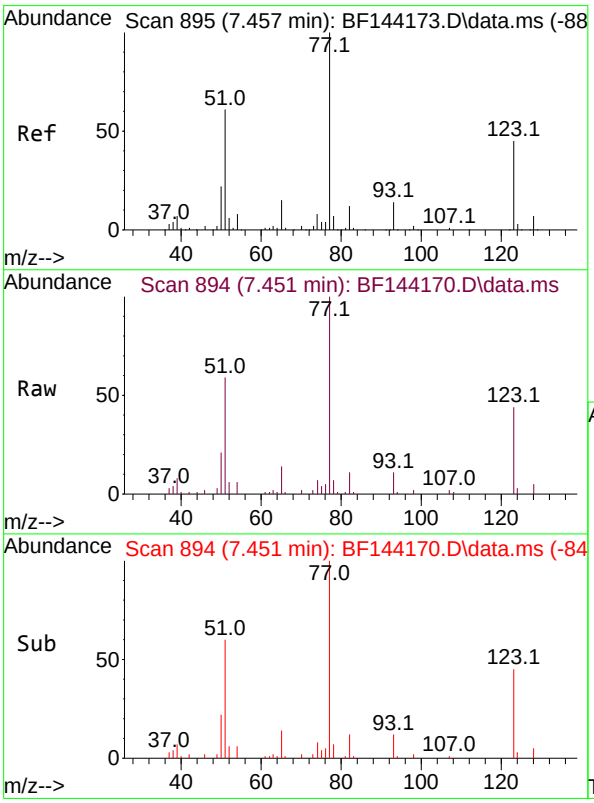
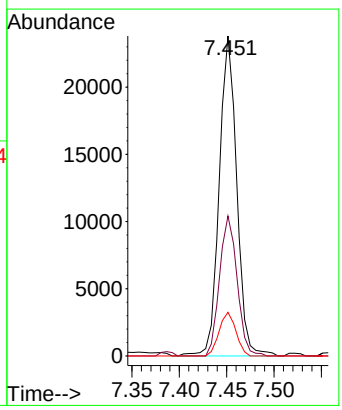
Supervised By :Jagrut Upadhyay 11/06/2025

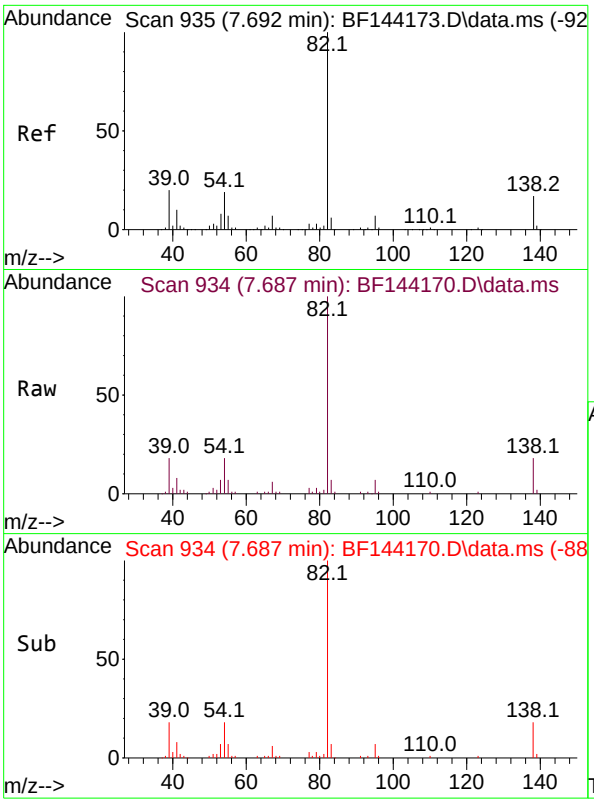



#24
Nitrobenzene
Concen: 4.915 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 77 Resp: 30574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.7 | 35.8 | 53.8 |
| 65 | 13.6 | 12.2 | 18.2 |

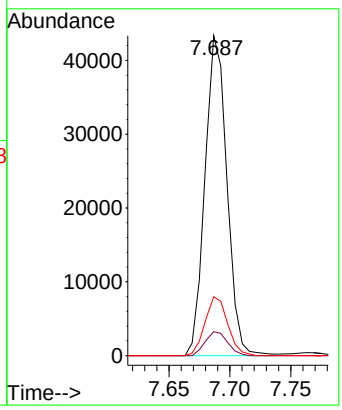





#25
Isophorone
Concen: 5.028 ng
RT: 7.687 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 82 Resp: 5448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 5.5 | 8.3 |
| 138 | 18.4 | 13.7 | 20.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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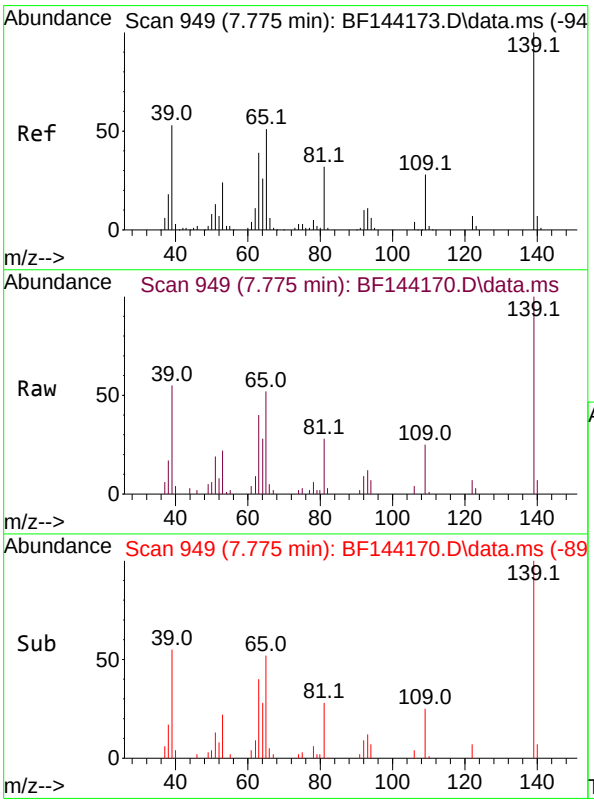
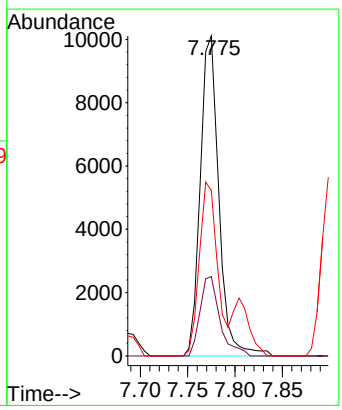
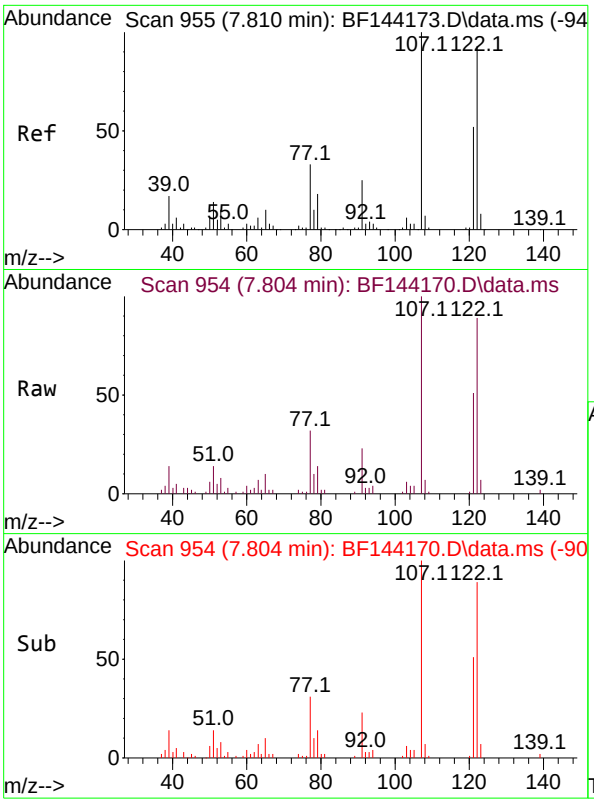



#26
2-Nitrophenol
Concen: 4.478 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:139 Resp: 13789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.8 | 22.2 | 33.2 |
| 65 | 51.7 | 40.7 | 61.1 |

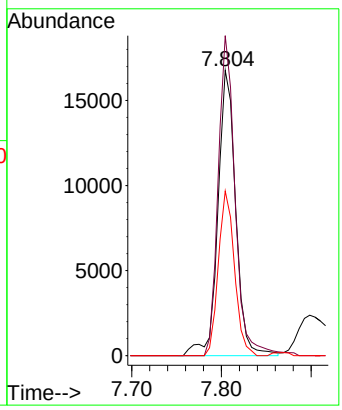





#27
2,4-Dimethylphenol
Concen: 5.045 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:122 Resp: 2328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.2 | 86.2 | 129.4 |
| 121 | 57.7 | 44.6 | 66.8 |




**Instrument :**
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SSTDICC005

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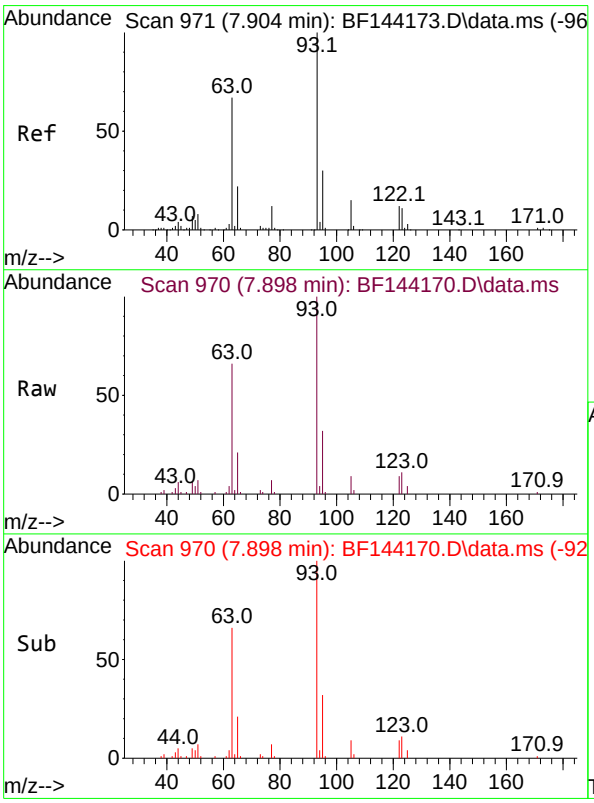
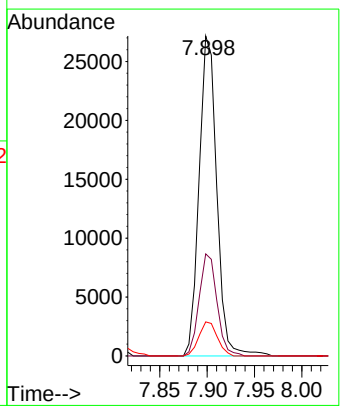
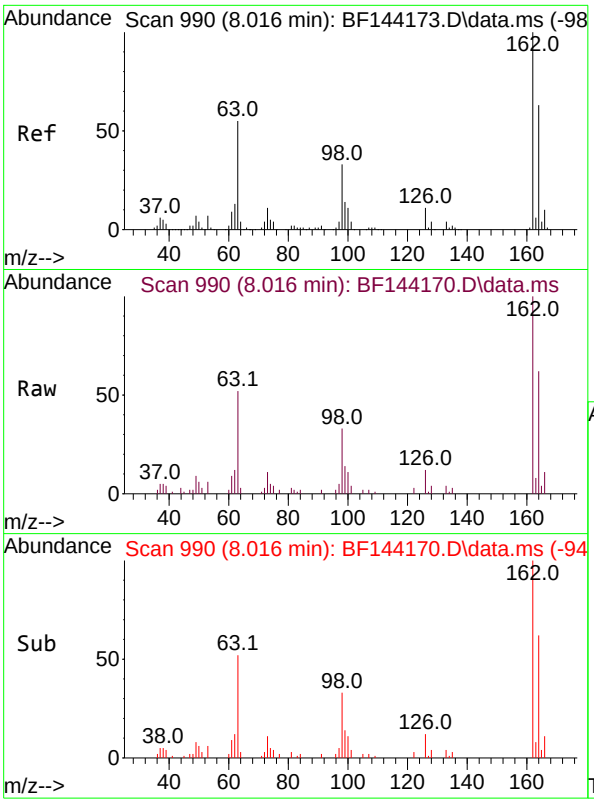



#28
bis(2-Chloroethoxy)methane
Concen: 5.207 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 93 Resp: 35235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.9 | 24.2 | 36.4 |
| 123 | 10.6 | 9.0 | 13.4 |






#29
2,4-Dichlorophenol
Concen: 5.189 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:162 Resp: 2760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.0 | 42.9 | 82.9 |
| 98 | 33.3 | 13.3 | 53.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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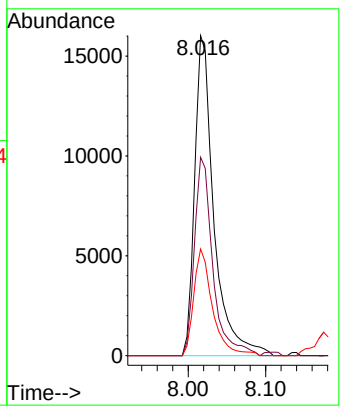
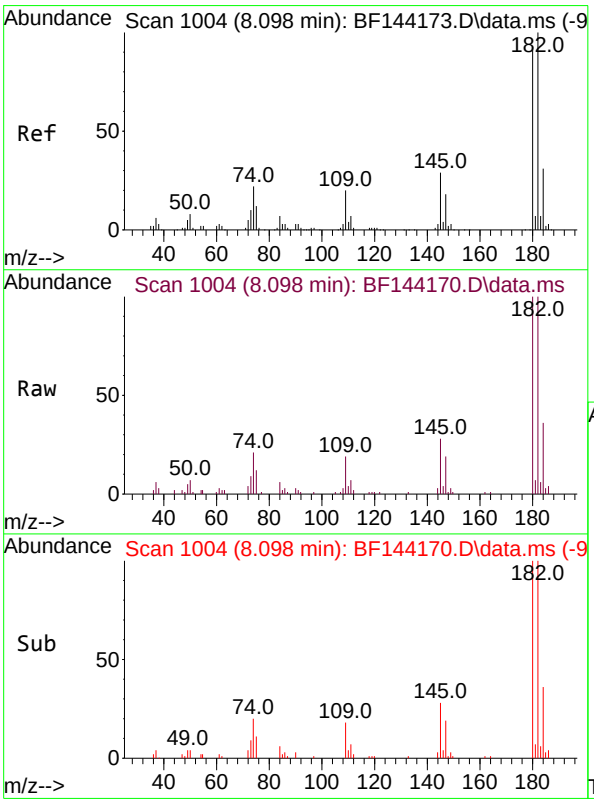
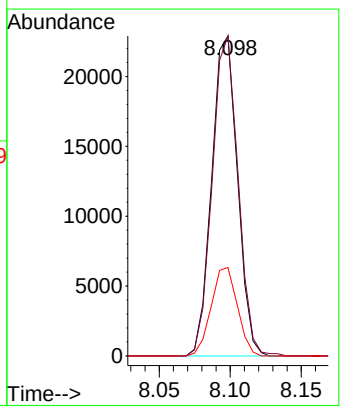


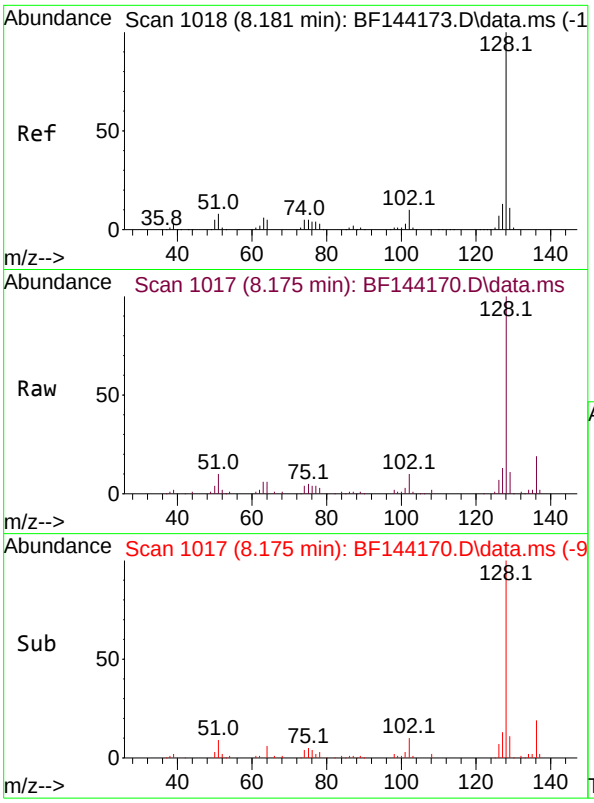




#30
1,2,4-Trichlorobenzene
Concen: 5.298 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:180 Resp: 28937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 100.0 | 87.7 | 131.5 |
| 145 | 27.6 | 25.4 | 38.0 |

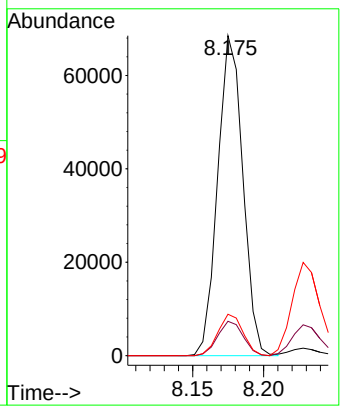





#31
Naphthalene
Concen: 5.357 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:128 Resp: 8432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.9 | 13.3 |
| 127 | 12.9 | 10.3 | 15.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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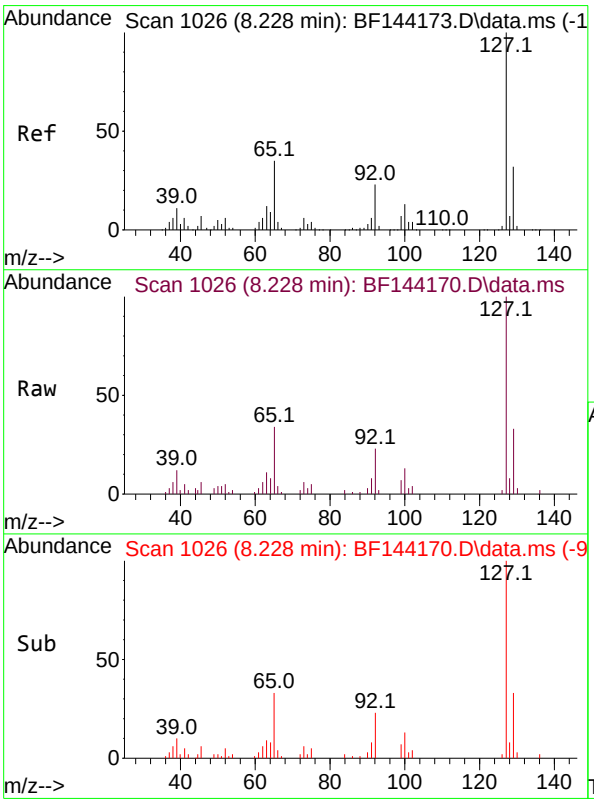
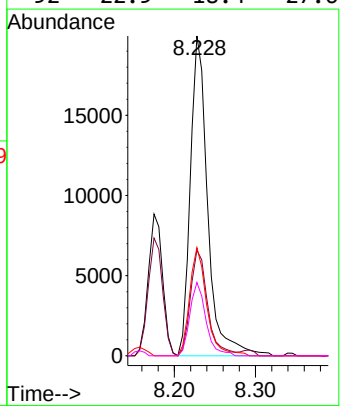
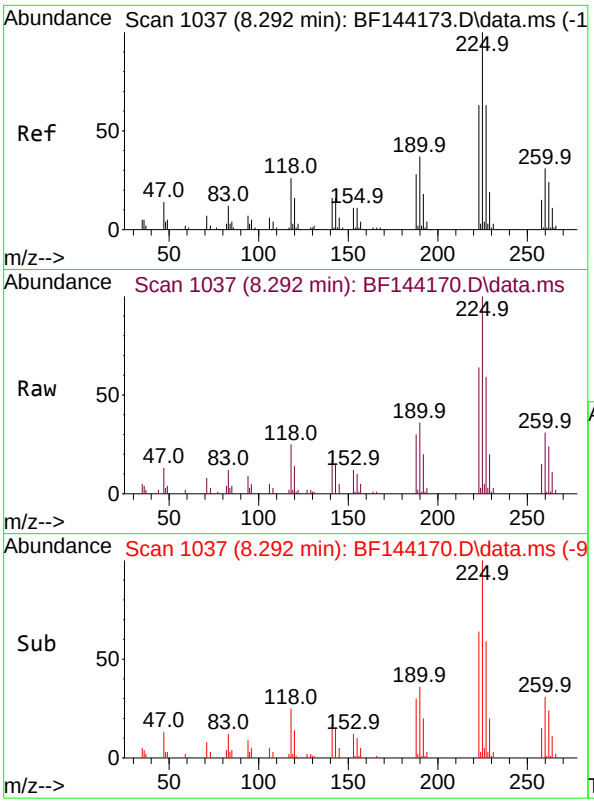



#33
4-Chloroaniline
Concen: 5.157 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:127 Resp: 29602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.0 | 25.3 | 37.9 |
| 65 | 33.8 | 27.6 | 41.4 |
| 92 | 22.9 | 18.4 | 27.6 |

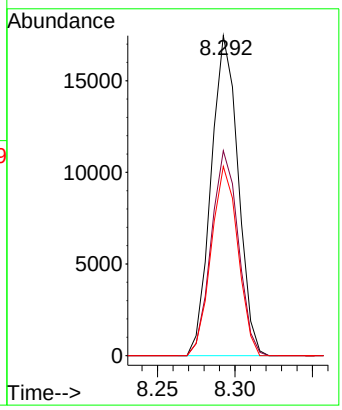





#34
Hexachlorobutadiene
Concen: 5.152 ng
RT: 8.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:225 Resp: 2120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 50.2 | 75.4 |
| 227 | 59.1 | 50.1 | 75.1 |




**Instrument :**
BNA_F
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SSTDICC005

**Manual Integrations**
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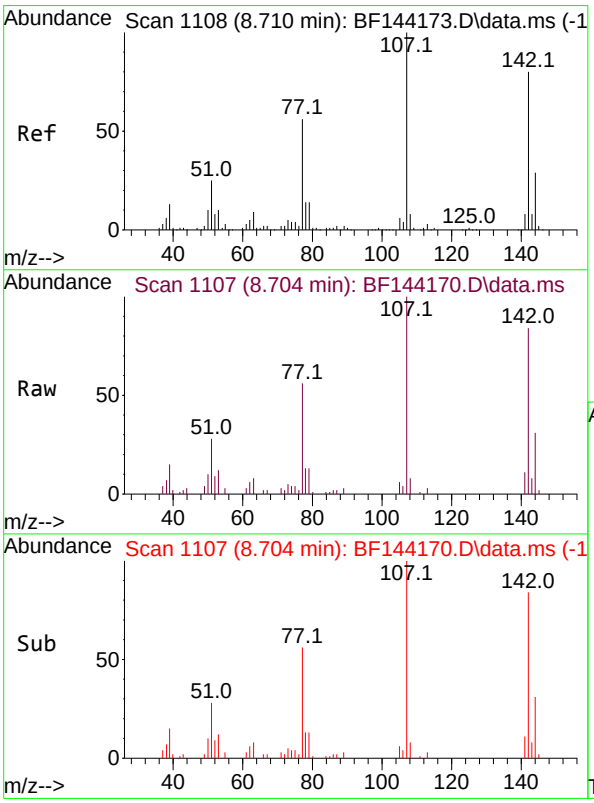
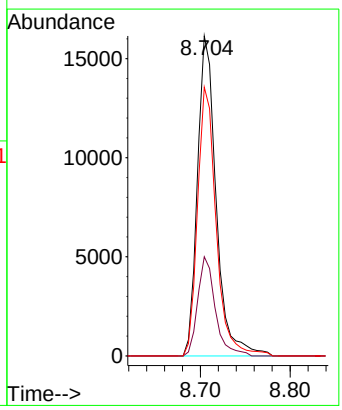
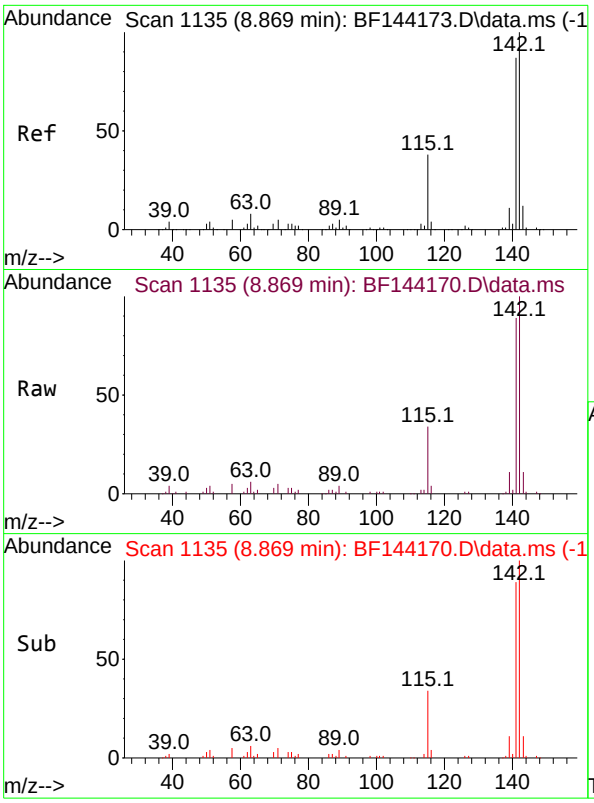



#36
4-Chloro-3-methylphenol
Concen: 4.914 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:107 Resp: 23428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 31.0 | 23.3 | 34.9 |
| 142 | 84.0 | 63.8 | 95.6 |

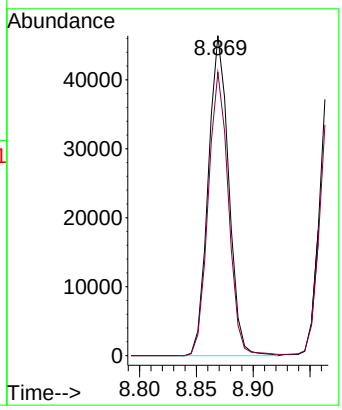





#37
2-Methylnaphthalene
Concen: 5.520 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:142 Resp: 5808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 69.9 | 104.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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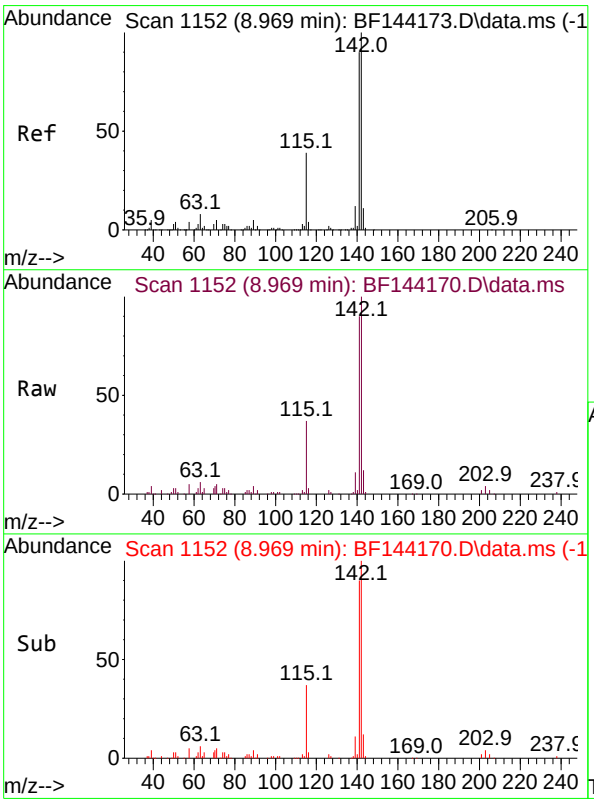
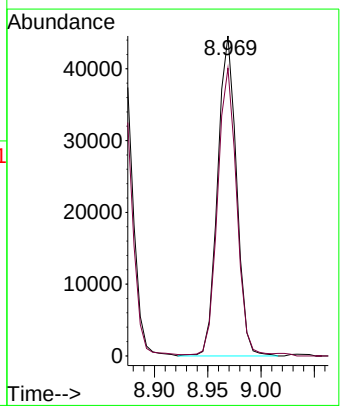
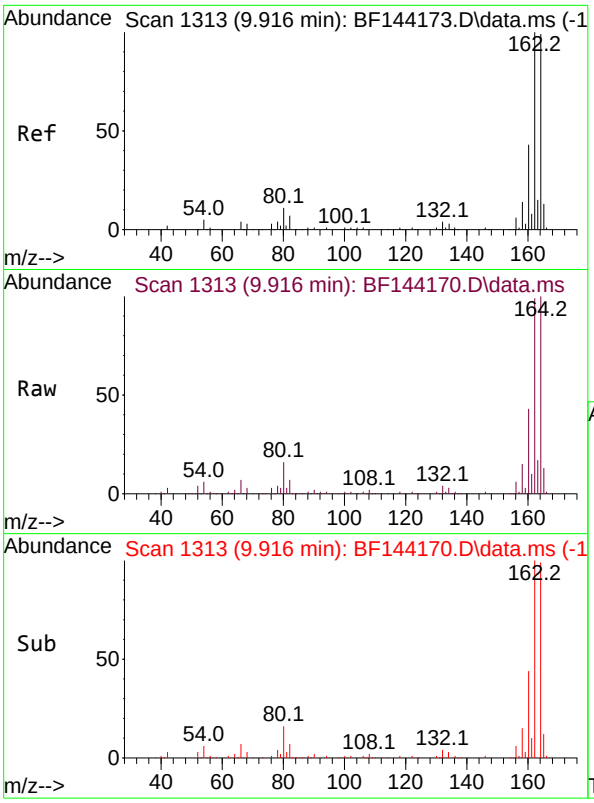



#38
1-Methylnaphthalene
Concen: 5.431 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:142 Resp: 55152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 72.1 | 108.1 |

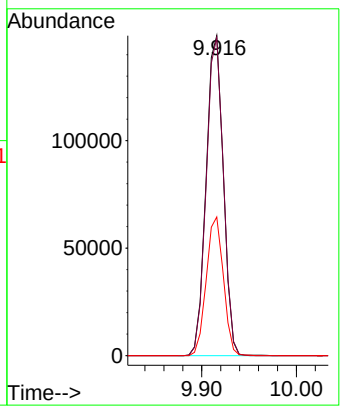





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:164 Resp: 18800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.4 | 81.1 | 121.7 |
| 160 | 43.3 | 34.5 | 51.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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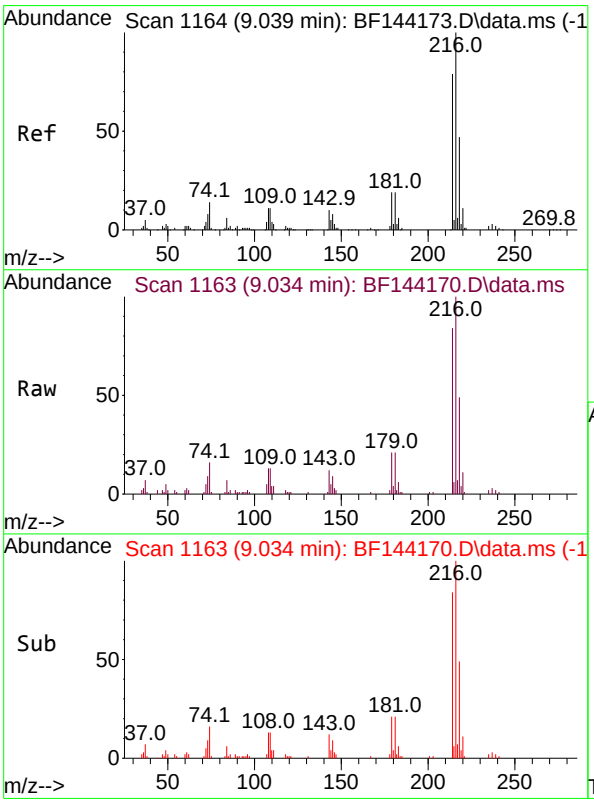
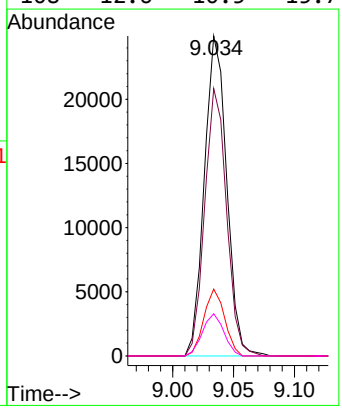
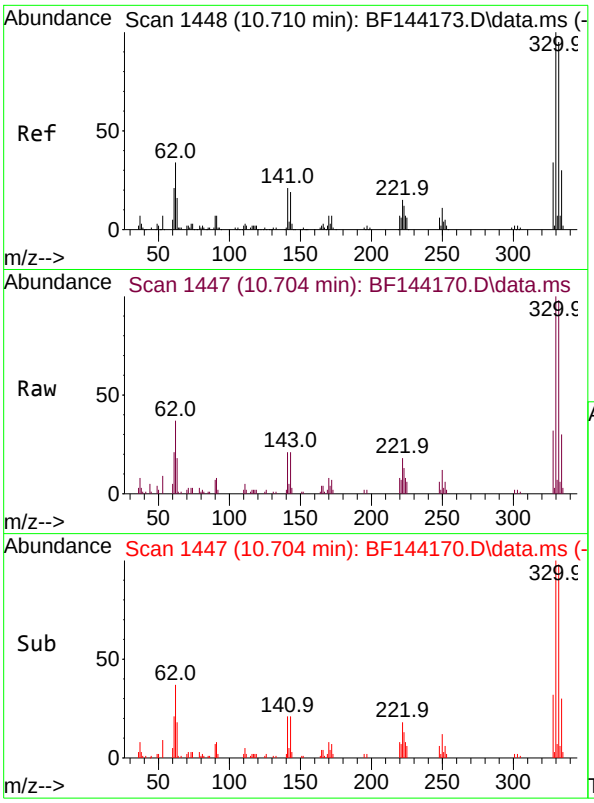



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.165 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:216 Resp: 31823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 81.6 | 63.4 | 95.2 |
| 179 | 19.4 | 15.0 | 22.4 |
| 108 | 12.6 | 10.5 | 15.7 |

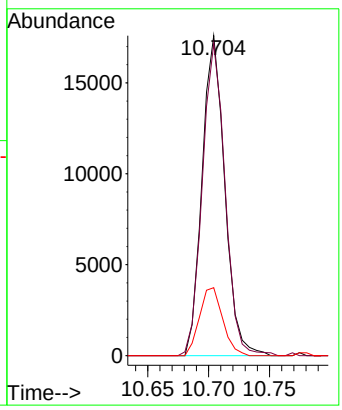





#42
2,4,6-Tribromophenol
Concen: 9.647 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:330 Resp: 2275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 76.7 | 115.1 |
| 141 | 21.8 | 17.8 | 26.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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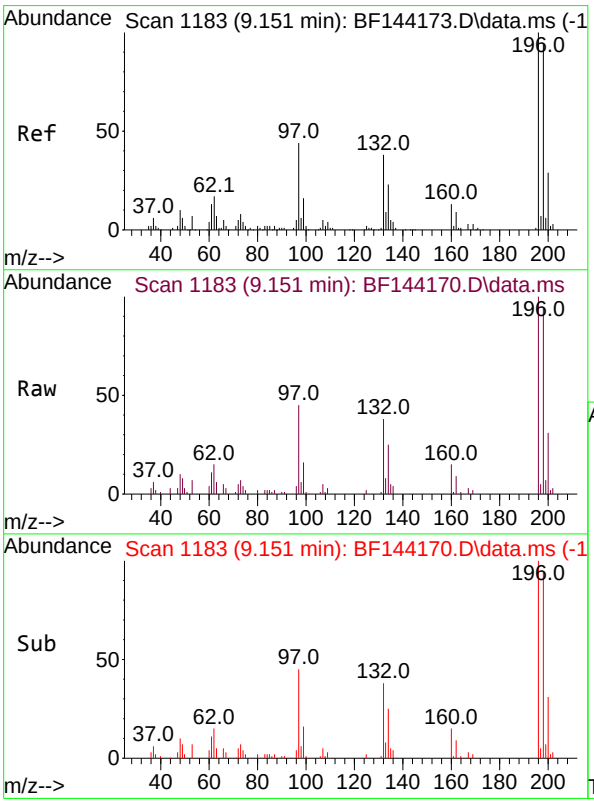
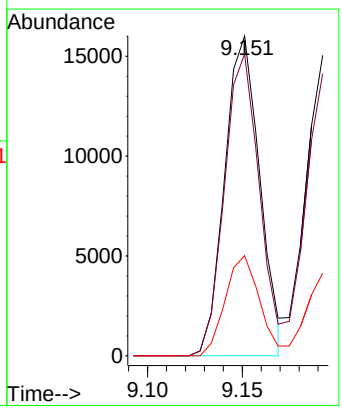
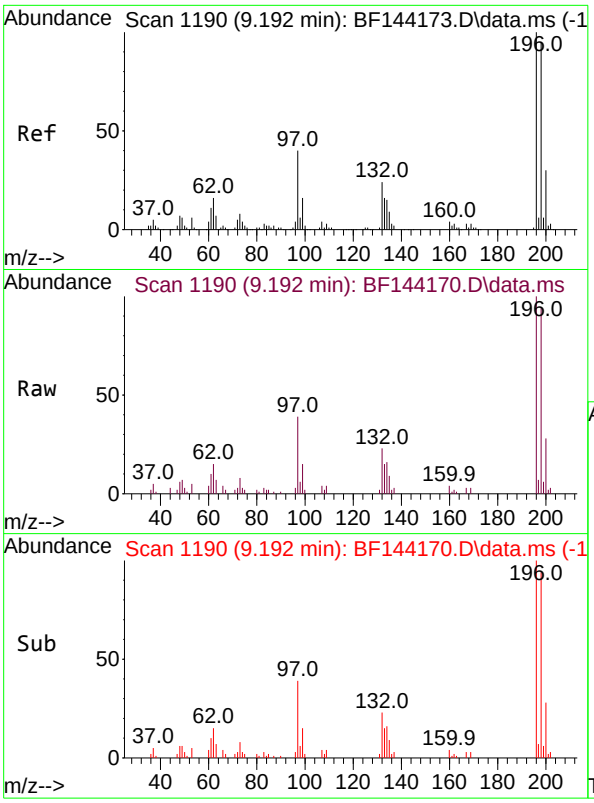



#43
2,4,6-Trichlorophenol
Concen: 4.933 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:196 Resp: 20685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.4 | 75.3 | 112.9 |
| 200 | 31.3 | 23.4 | 35.2 |

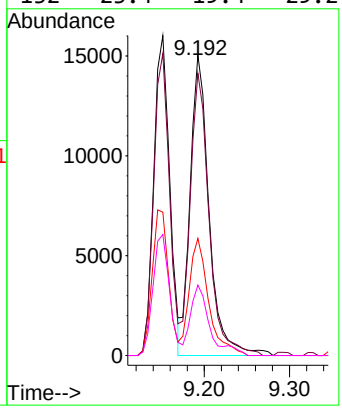





#44
2,4,5-Trichlorophenol
Concen: 5.165 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:196 Resp: 2334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.9 | 76.1 | 114.1 |
| 97 | 39.0 | 31.9 | 47.9 |
| 132 | 23.4 | 19.4 | 29.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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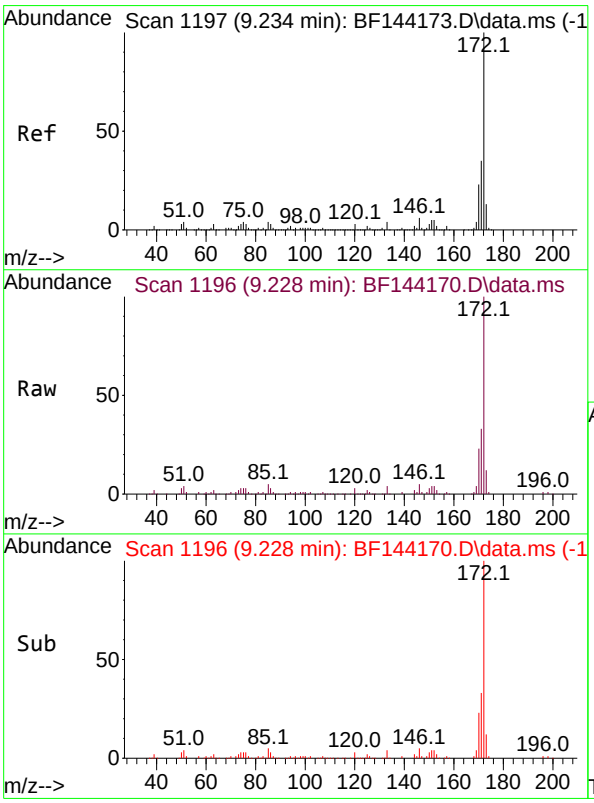
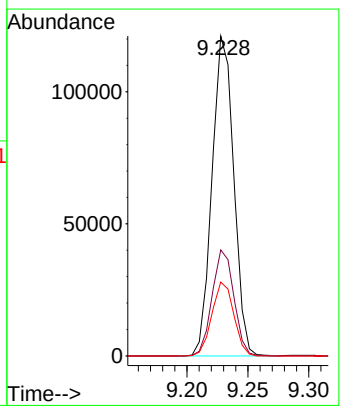
Supervised By :Jagrut Upadhyay 11/06/2025

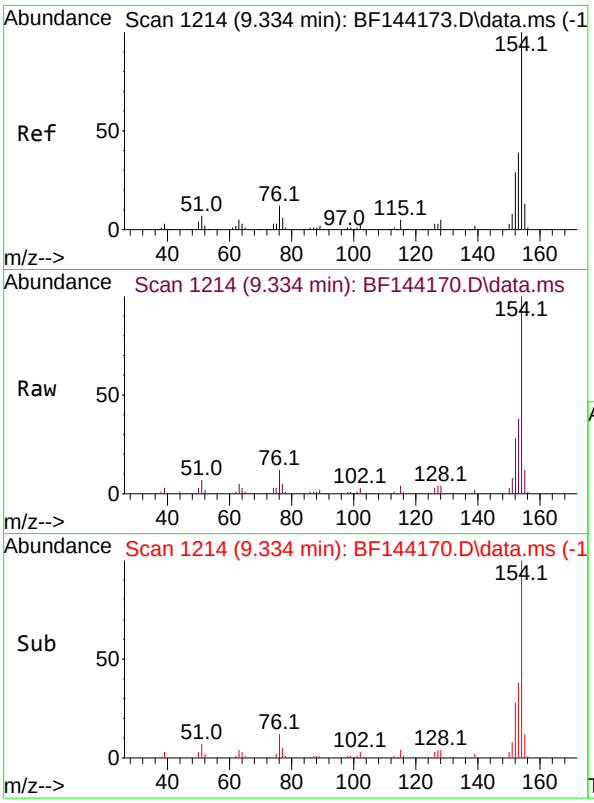



#45
2-Fluorobiphenyl
Concen: 11.803 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:172 Resp: 150248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.1 | 28.1 | 42.1 |
| 170 | 23.1 | 18.6 | 28.0 |

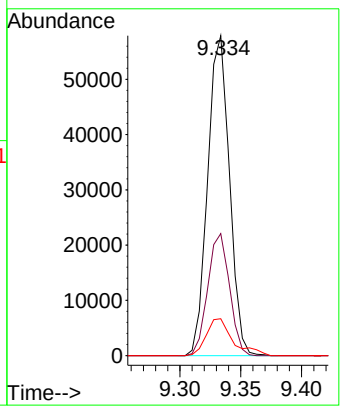





#46
1,1'-Biphenyl
Concen: 5.496 ng
RT: 9.334 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:154 Resp: 7212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.1 | 19.2 | 59.2 |
| 76 | 11.5 | 0.0 | 31.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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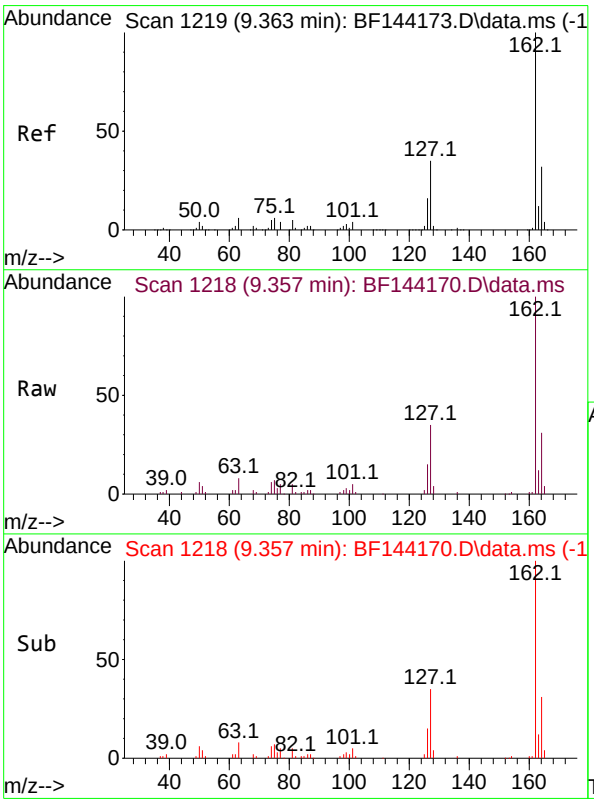
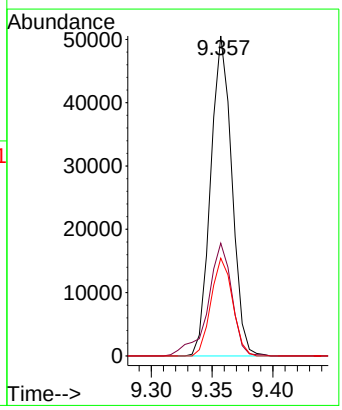
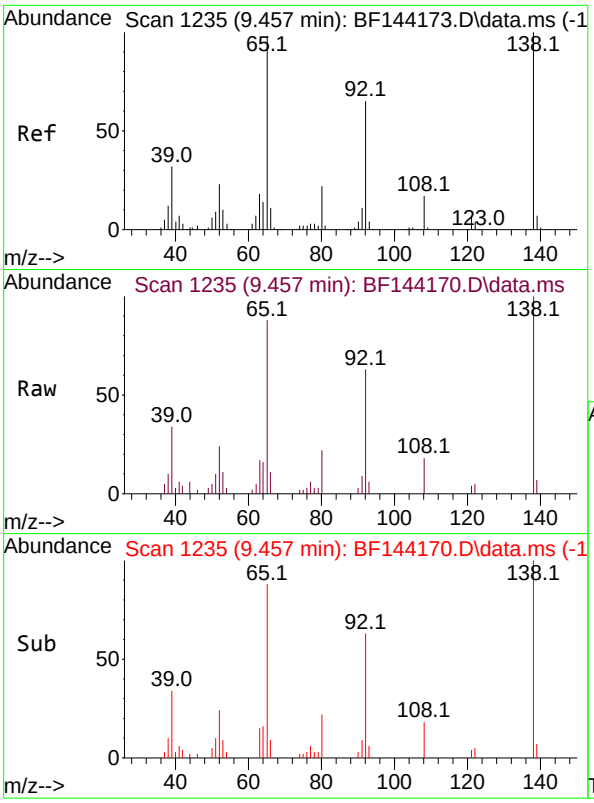



#47
2-Chloronaphthalene
Concen: 5.470 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:162 Resp: 61232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 35.2 | 28.8 | 43.2 |
| 164 | 30.5 | 25.8 | 38.8 |

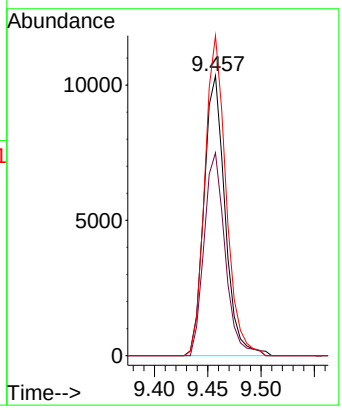





#48
2-Nitroaniline
Concen: 4.399 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 65 Resp: 1420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.4 | 53.0 | 79.6 |
| 138 | 114.3 | 81.6 | 122.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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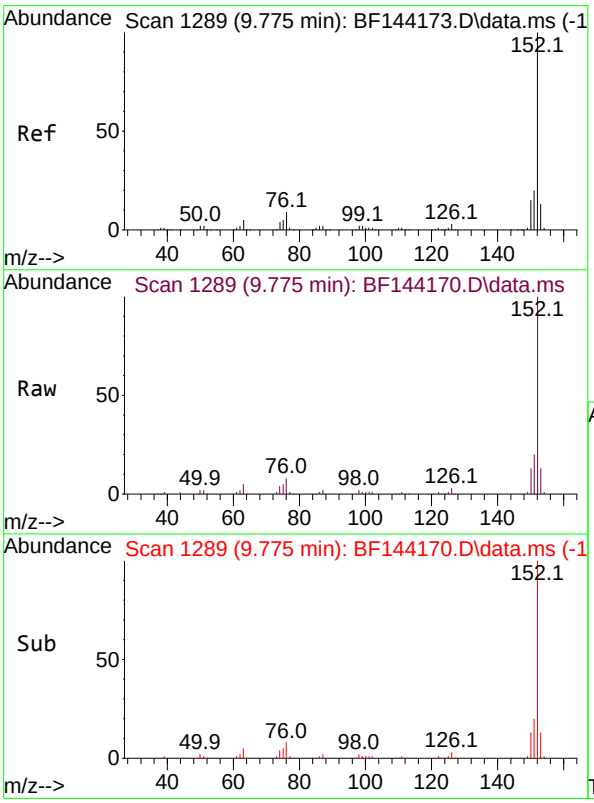
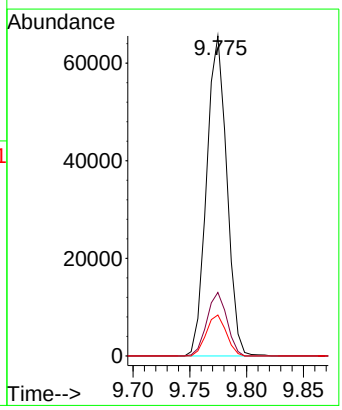
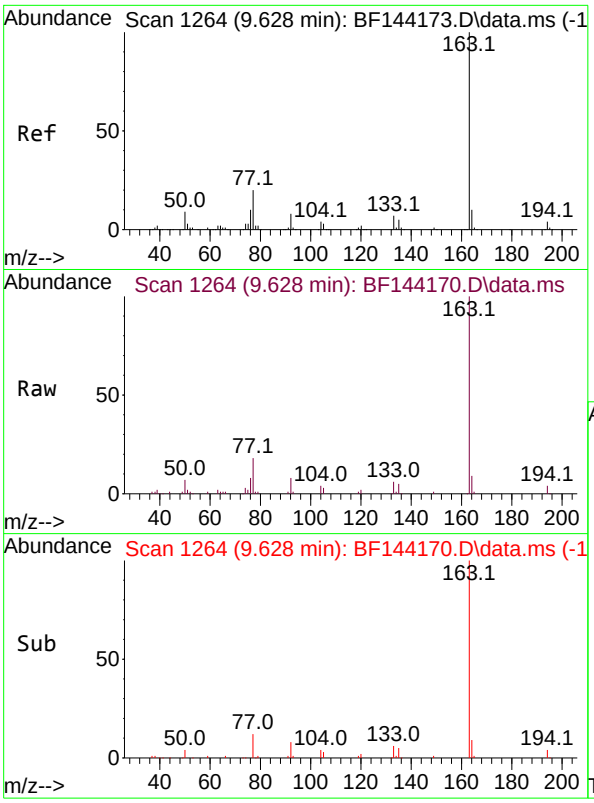



#49
Acenaphthylene
Concen: 5.321 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:152 Resp: 81168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 12.8 | 10.5 | 15.7 |






#50
Dimethylphthalate
Concen: 5.423 ng
RT: 9.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:163 Resp: 6753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 8.5 | 8.1 | 12.1 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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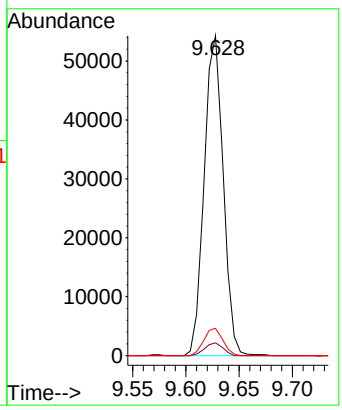
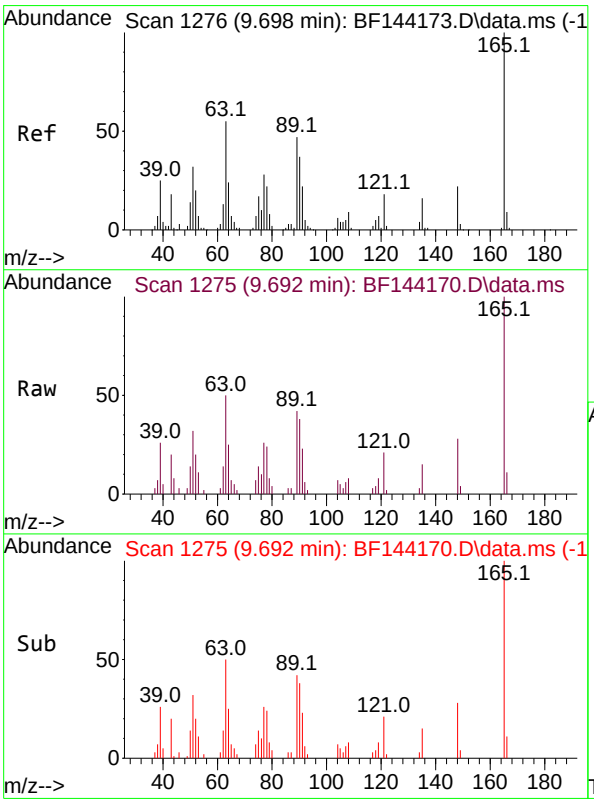
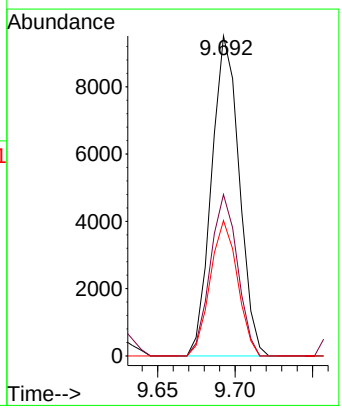


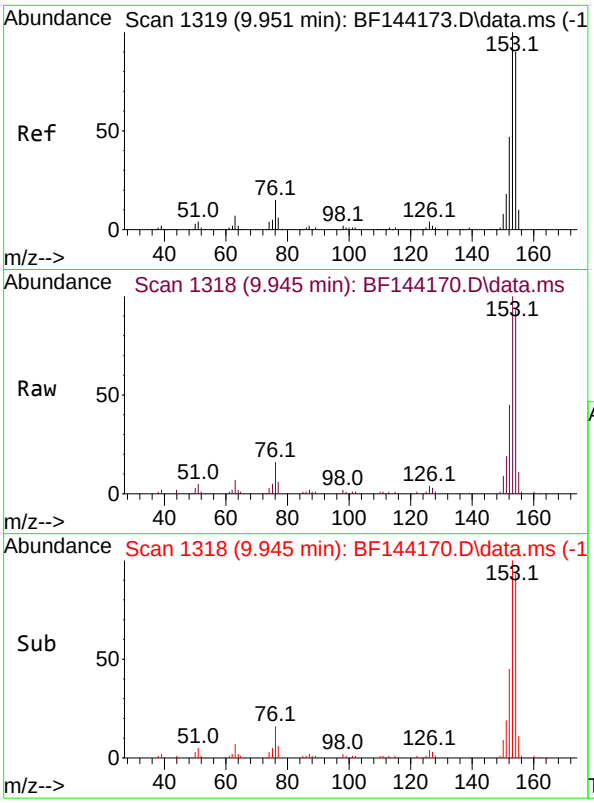




#51
2,6-Dinitrotoluene
Concen: 4.684 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 11809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.5 | 43.8 | 65.8 |
| 89 | 42.3 | 37.5 | 56.3 |

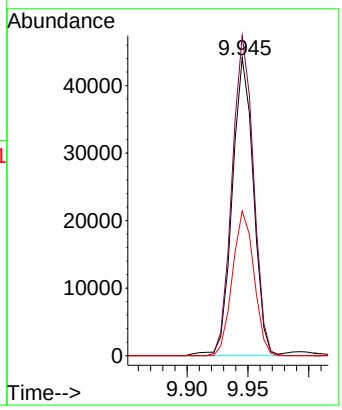





#52
Acenaphthene
Concen: 5.241 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:154 Resp: 5346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.4 | 89.0 | 133.4 |
| 152 | 48.5 | 42.2 | 63.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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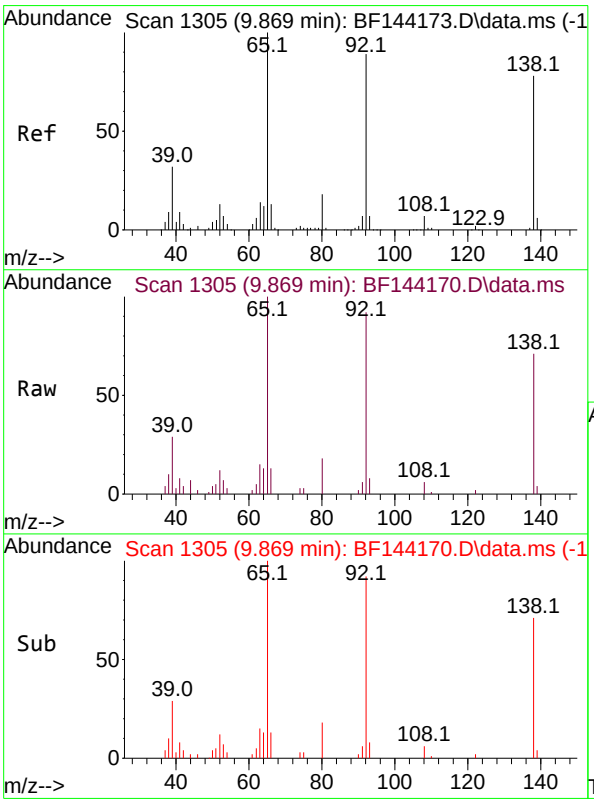
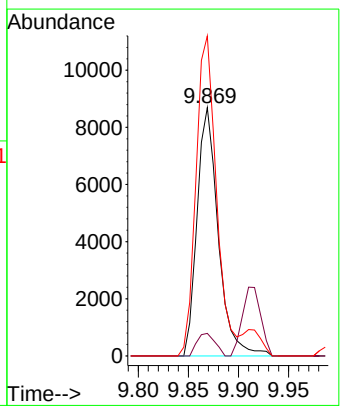
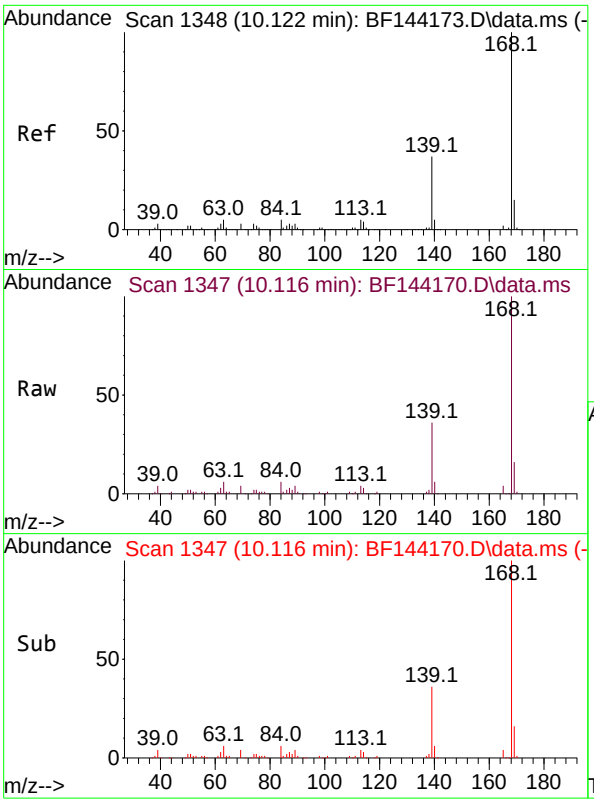



#53
3-Nitroaniline
Concen: 4.626 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 12750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.0 | 7.5 | 11.3 |
| 92 | 128.9 | 91.8 | 137.6 |

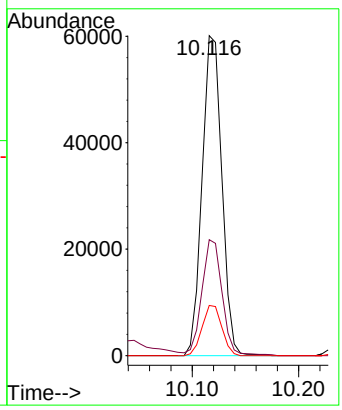





#55
Dibenzofuran
Concen: 5.409 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:168 Resp: 7727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.2 | 30.2 | 45.2 |
| 169 | 15.7 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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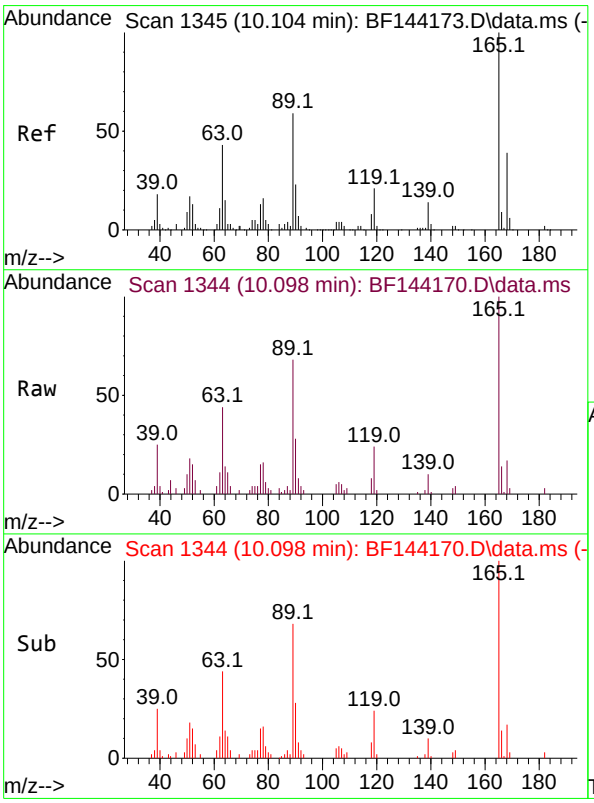
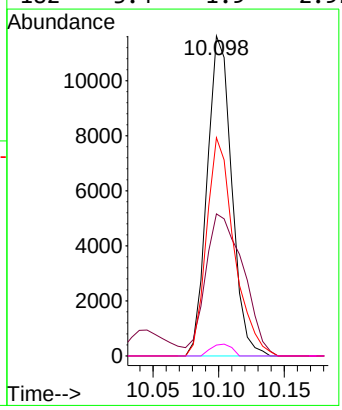
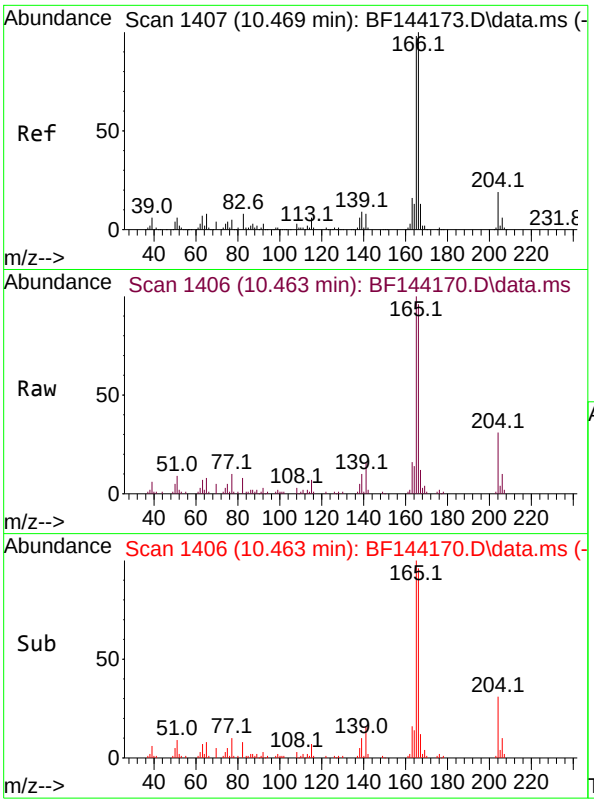



#57
2,4-Dinitrotoluene
Concen: 4.485 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 15136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.4 | 35.5 | 53.3 |
| 89 | 68.2 | 47.4 | 71.2 |
| 182 | 3.4 | 1.9 | 2.9# |

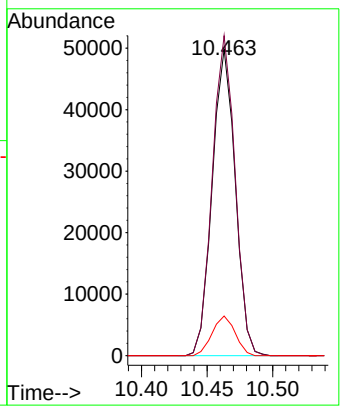





#58
Fluorene
Concen: 5.605 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:166 Resp: 6088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 104.5 | 78.6 | 118.0 |
| 167 | 12.9 | 10.4 | 15.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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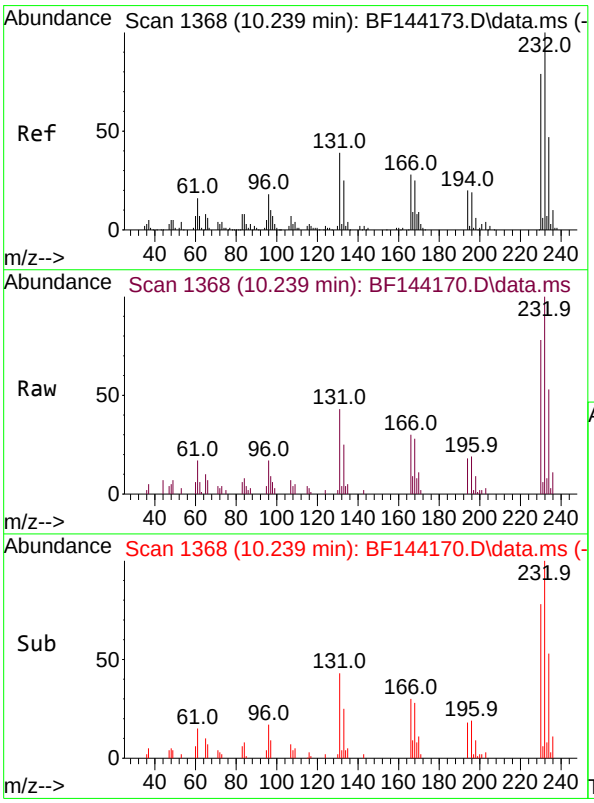
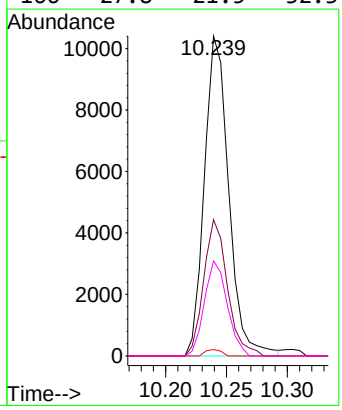
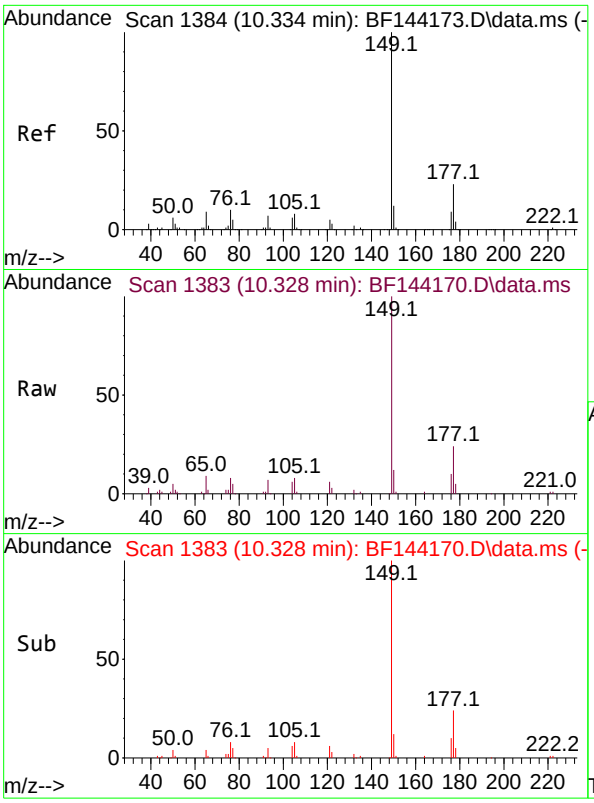



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:232 Resp: 14470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.4 | 30.3 | 45.5 |
| 130 | 1.3 | 1.2 | 1.8 |
| 166 | 27.8 | 21.5 | 32.3 |

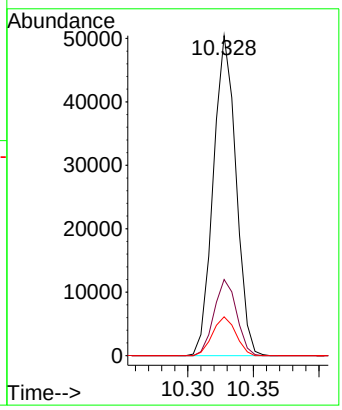





#60
Diethylphthalate
Concen: 5.297 ng
RT: 10.328 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:149 Resp: 6081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.8 | 18.3 | 27.5 |
| 150 | 12.1 | 9.8 | 14.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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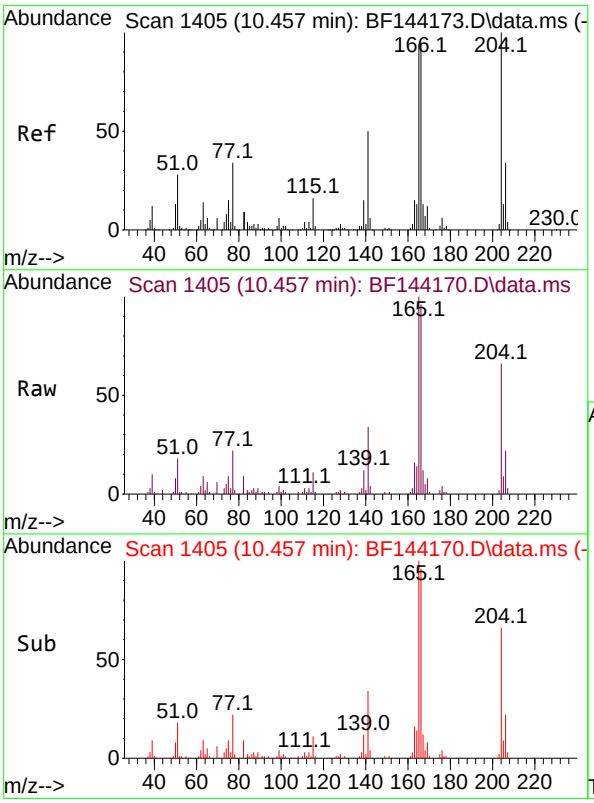
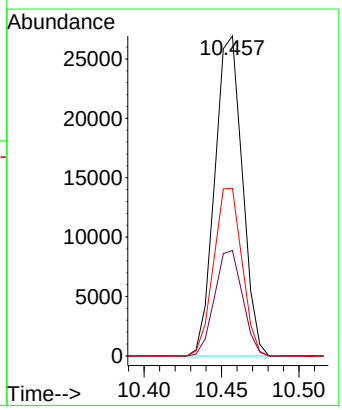
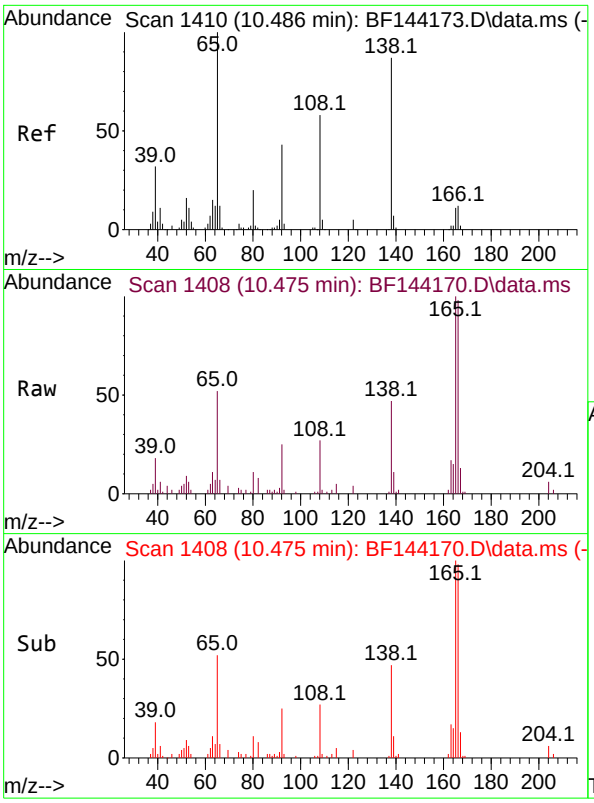



#61
4-Chlorophenyl-phenylether
Concen: 5.401 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:204 Resp: 33416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 27.4 | 41.2 |
| 141 | 52.4 | 40.0 | 60.0 |

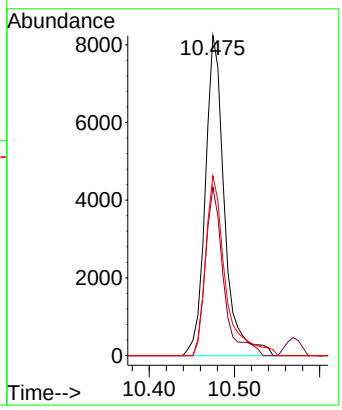





#62
4-Nitroaniline
Concen: 4.895 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 1284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 52.6 | 29.4 | 69.4 |
| 108 | 56.2 | 46.4 | 86.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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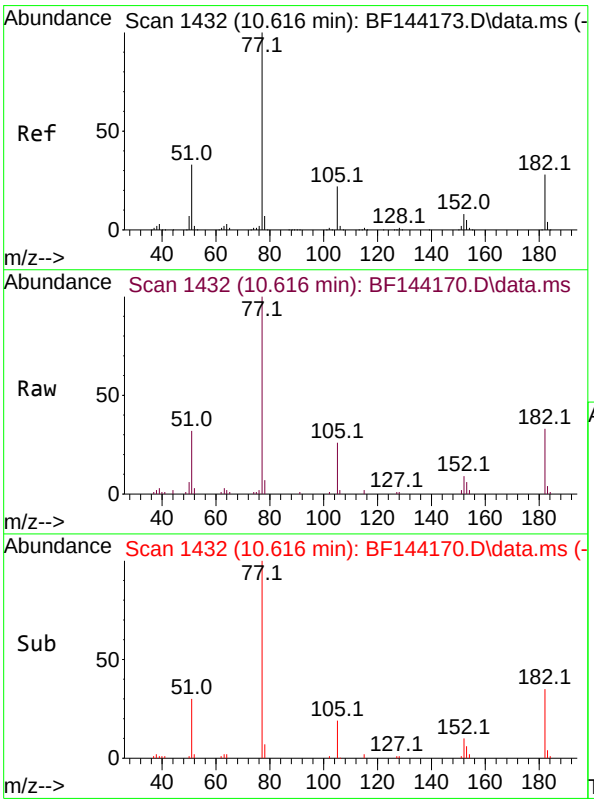
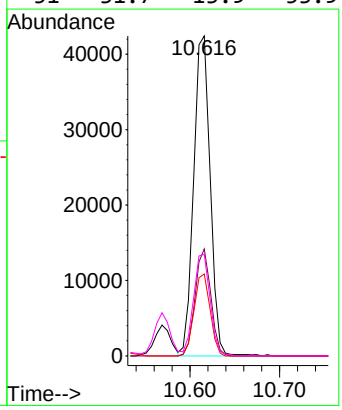
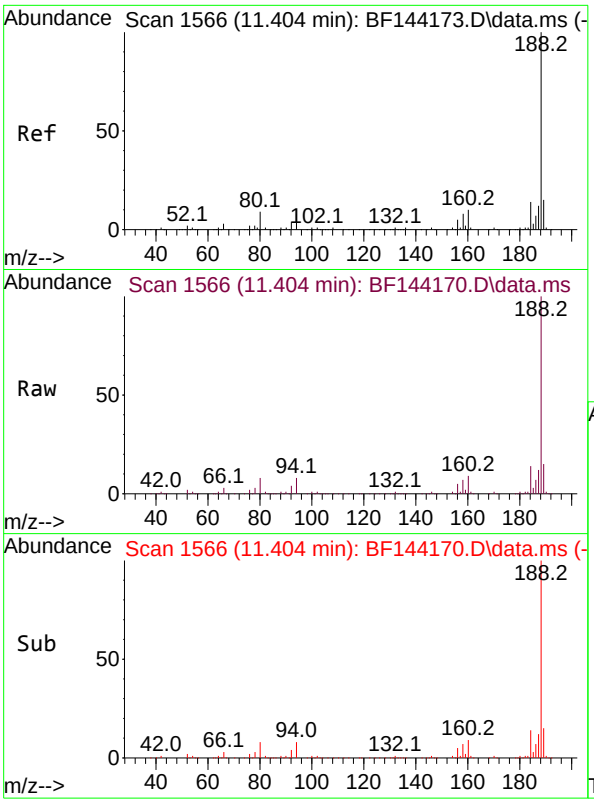



#63
Azobenzene
Concen: 5.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 77 Resp: 54383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 33.4 | 8.1 | 48.1 |
| 105 | 25.6 | 2.0 | 42.0 |
| 51 | 31.7 | 13.9 | 53.9 |

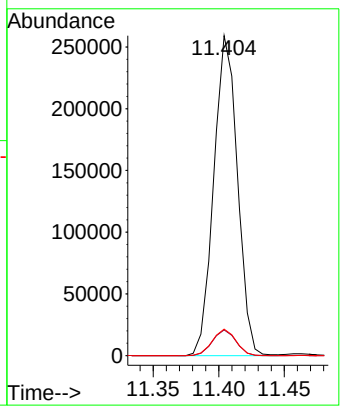





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:188 Resp: 32656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 6.2 | 9.2 |
| 80 | 8.3 | 6.9 | 10.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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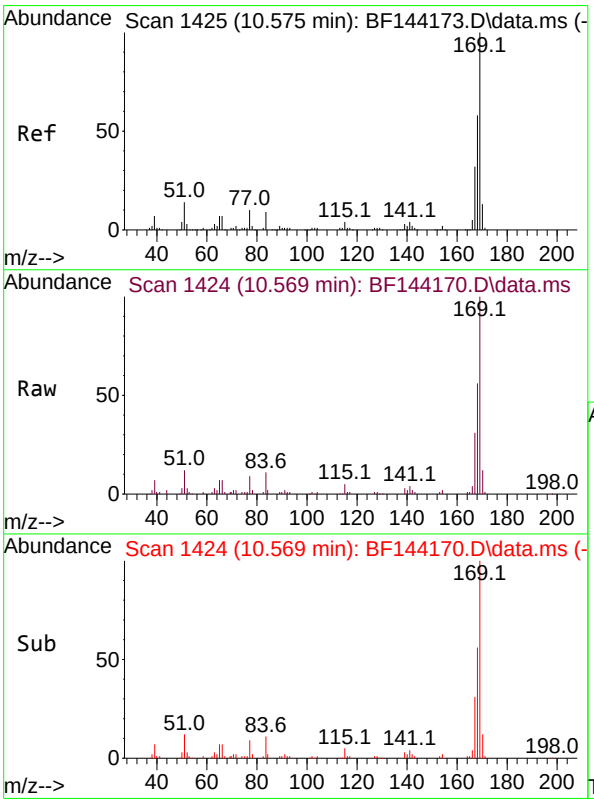
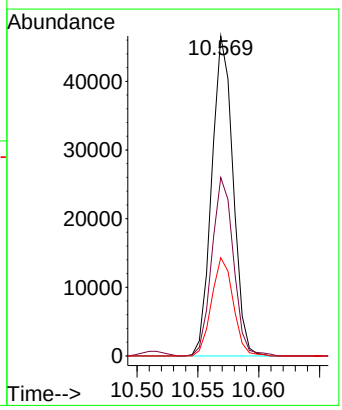
Supervised By :Jagrut Upadhyay 11/06/2025

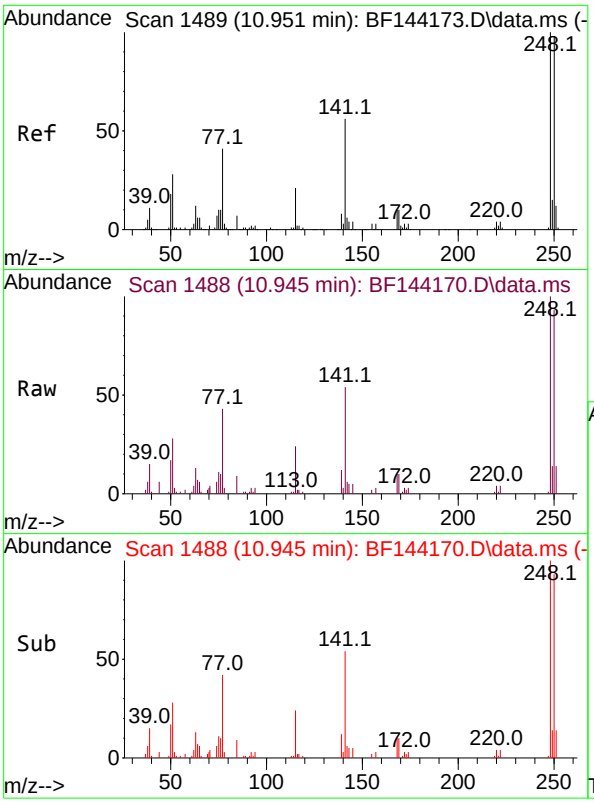



#66
n-Nitrosodiphenylamine
Concen: 5.401 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:169 Resp: 56733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 55.7 | 46.2 | 69.2 |
| 167 | 30.7 | 25.7 | 38.5 |

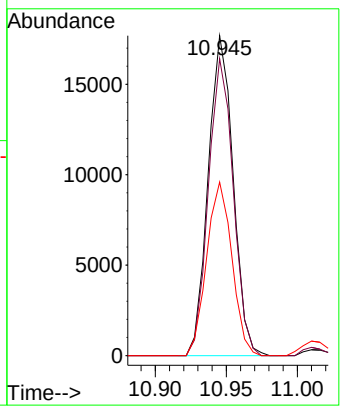





#67
4-Bromophenyl-phenylether
Concen: 5.169 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:248 Resp: 2154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 92.8 | 78.4 | 117.6 |
| 141 | 54.2 | 45.1 | 67.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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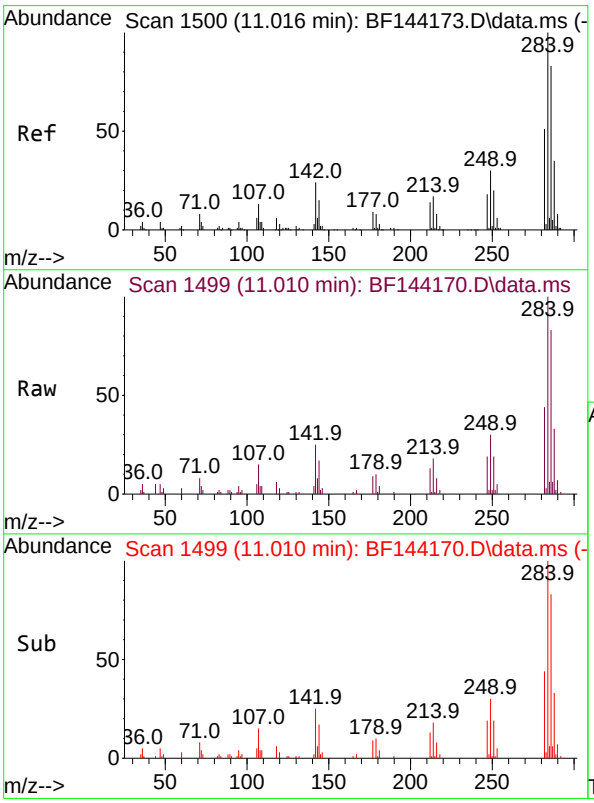
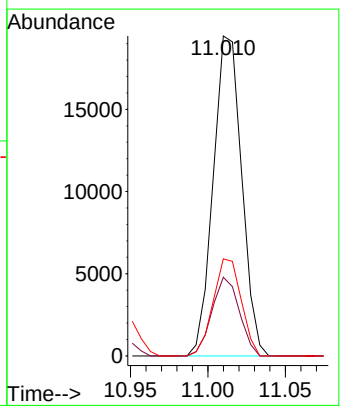
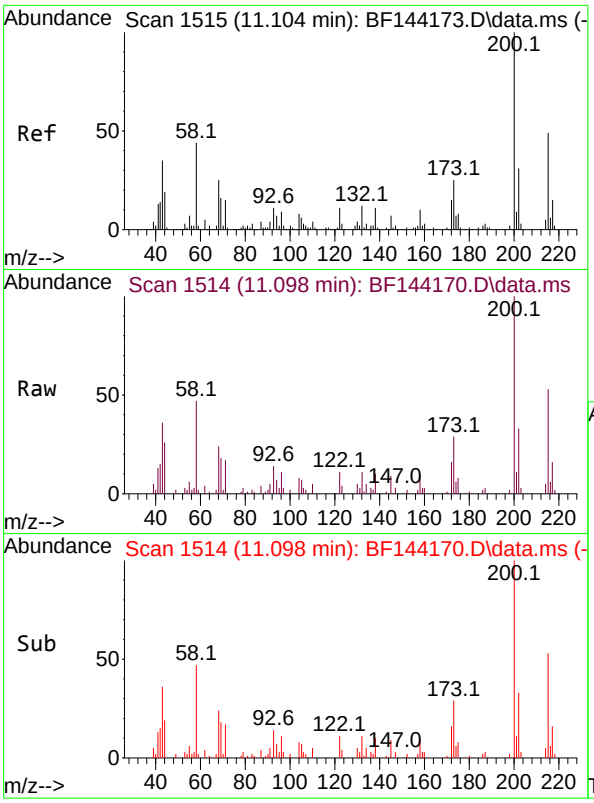



#68
Hexachlorobenzene
Concen: 5.082 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:284 Resp: 24951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.6 | 19.2 | 28.8 |
| 249 | 30.3 | 23.8 | 35.8 |

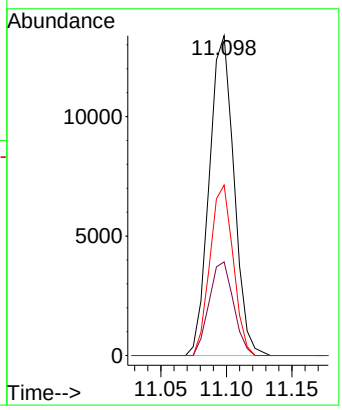





#69
Atrazine
Concen: 5.253 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:200 Resp: 1754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.3 | 5.0 | 45.0 |
| 215 | 53.3 | 28.7 | 68.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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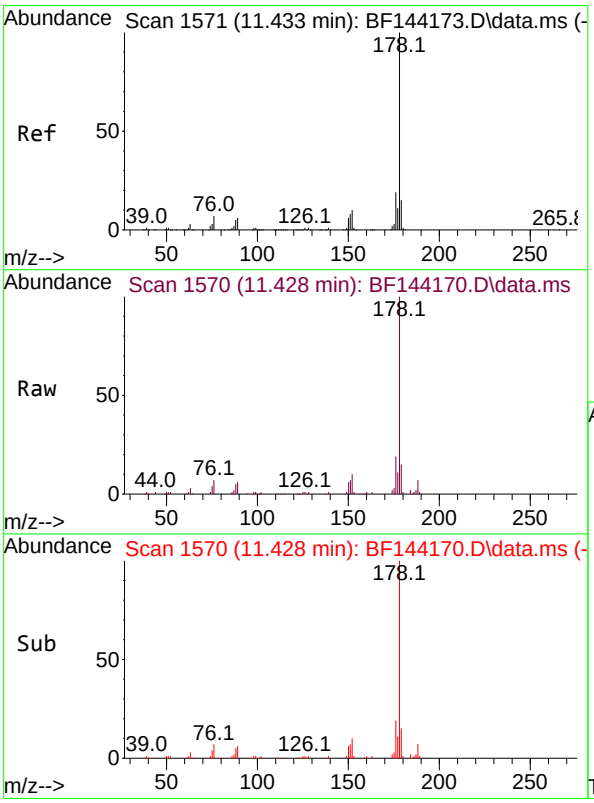
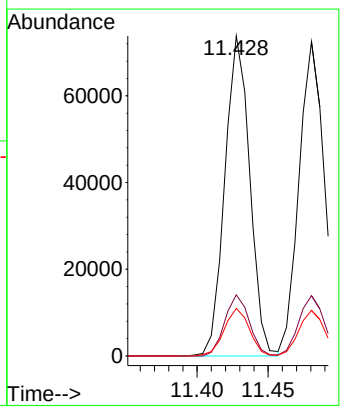
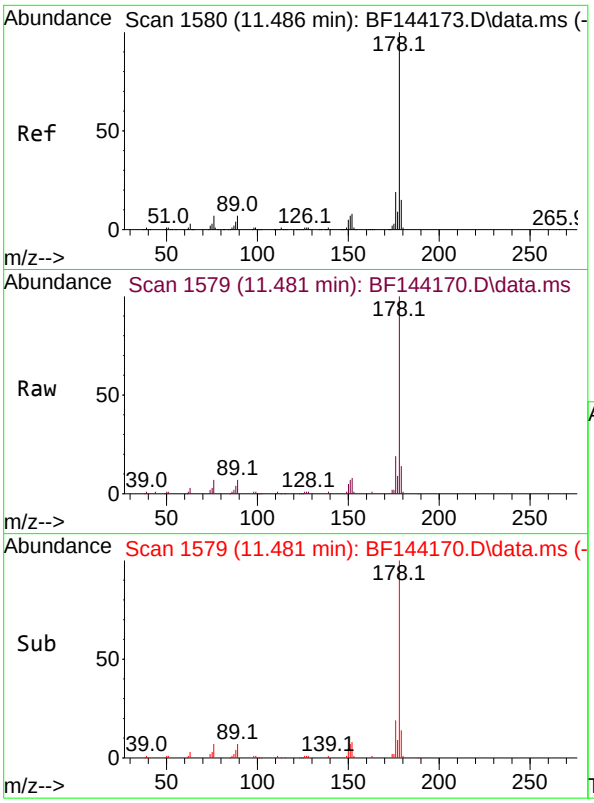



#71
Phenanthrene
Concen: 5.537 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:178 Resp: 90035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.5 | 23.3 |
| 179 | 14.8 | 12.2 | 18.4 |

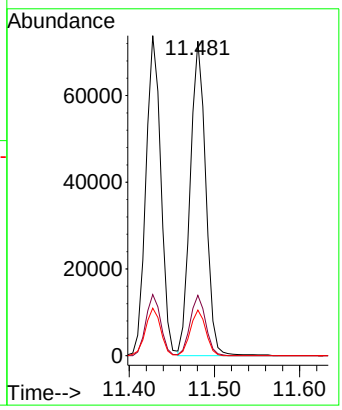





#72
Anthracene
Concen: 5.529 ng
RT: 11.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:178 Resp: 9141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.3 | 22.9 |
| 179 | 14.5 | 12.0 | 18.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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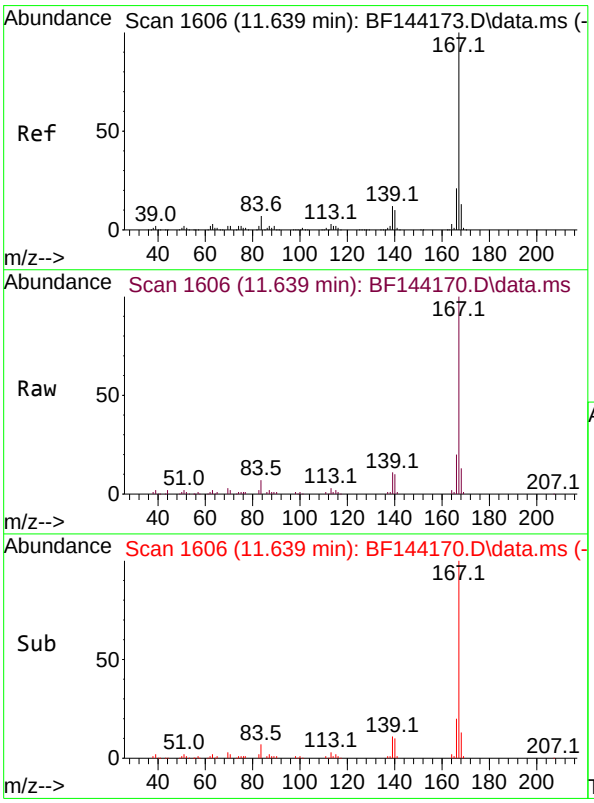
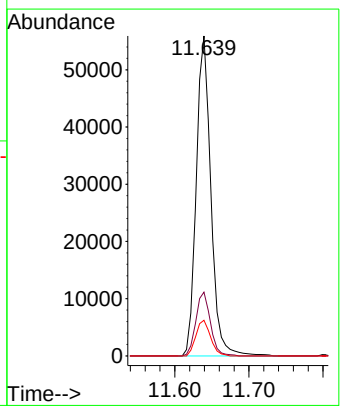
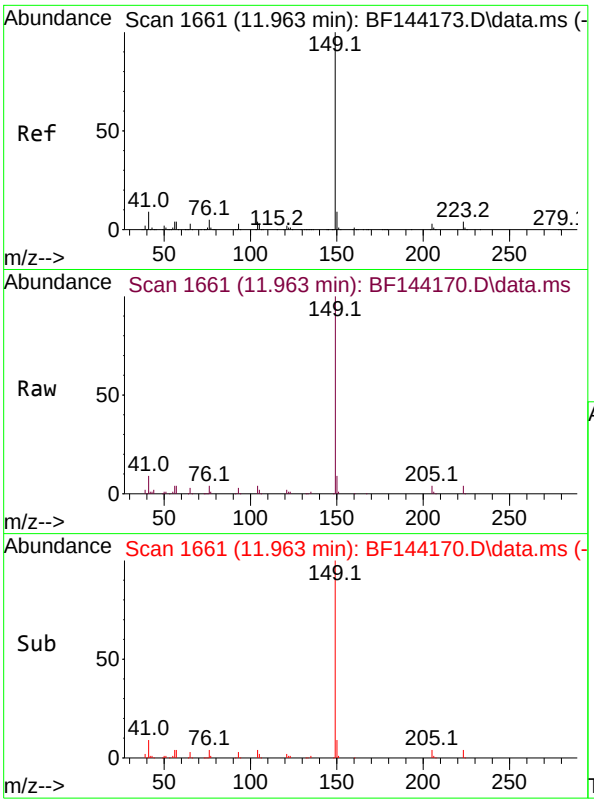



#73
Carbazole
Concen: 5.449 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:167 Resp: 76605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 19.9 | 17.2 | 25.8 |
| 139 | 11.1 | 9.9 | 14.9 |

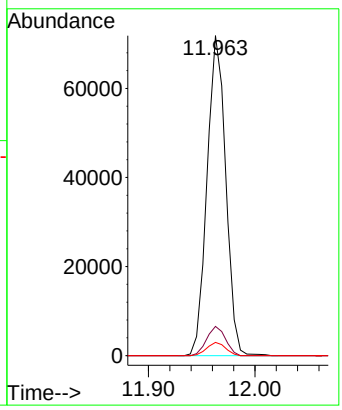





#74
Di-n-butylphthalate
Concen: 5.163 ng
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:149 Resp: 8775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.4 | 11.0 |
| 104 | 4.1 | 3.4 | 5.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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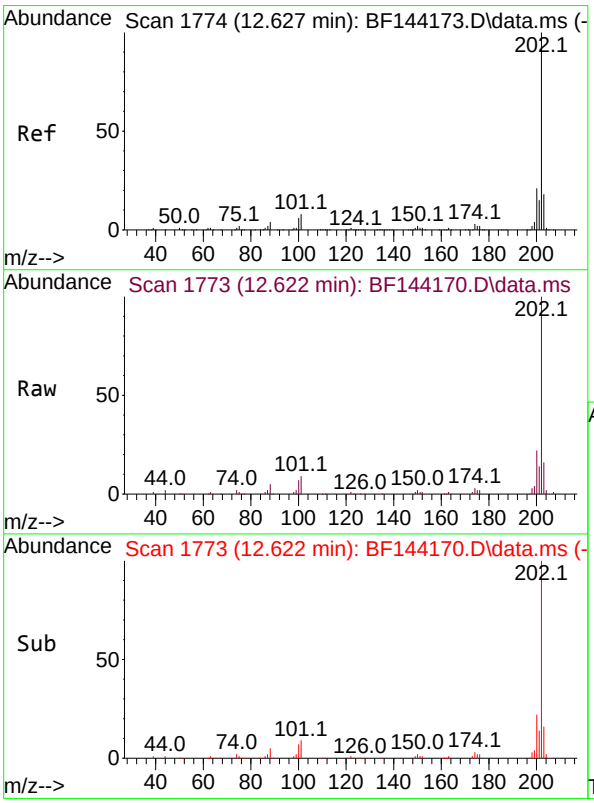
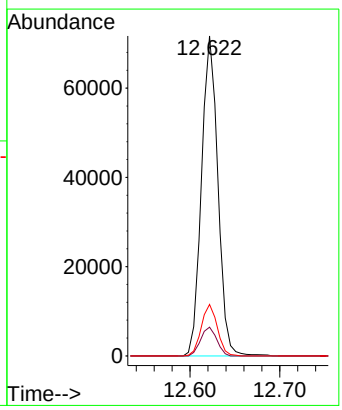
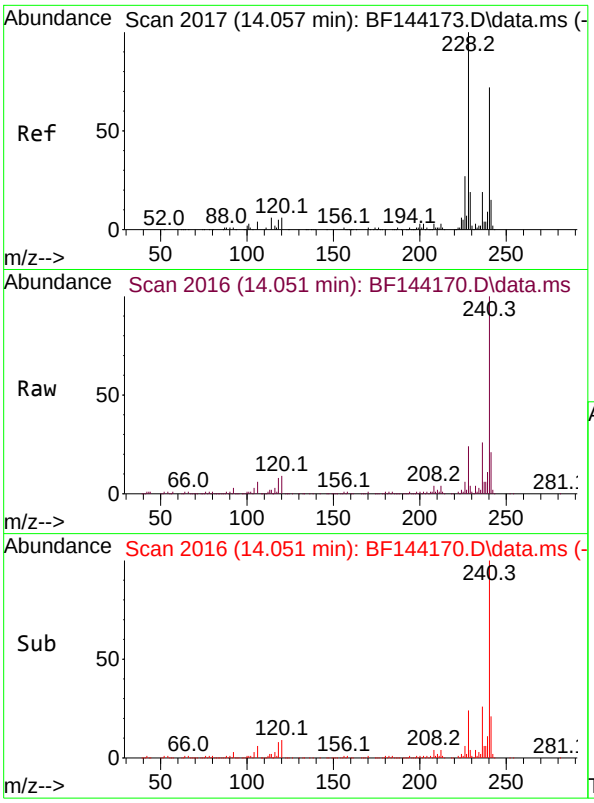



#75
Fluoranthene
Concen: 5.430 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:202 Resp: 91198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.0 | 0.0 | 27.9 |
| 203 | 16.1 | 0.0 | 37.5 |

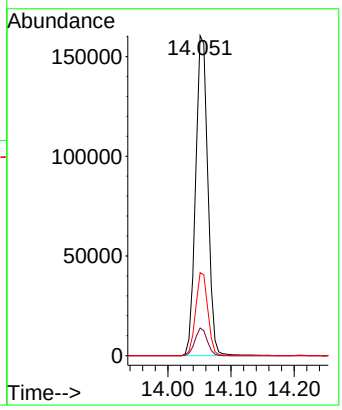





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:240 Resp: 21570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.6 | 6.6 | 10.0 |
| 236 | 25.9 | 21.4 | 32.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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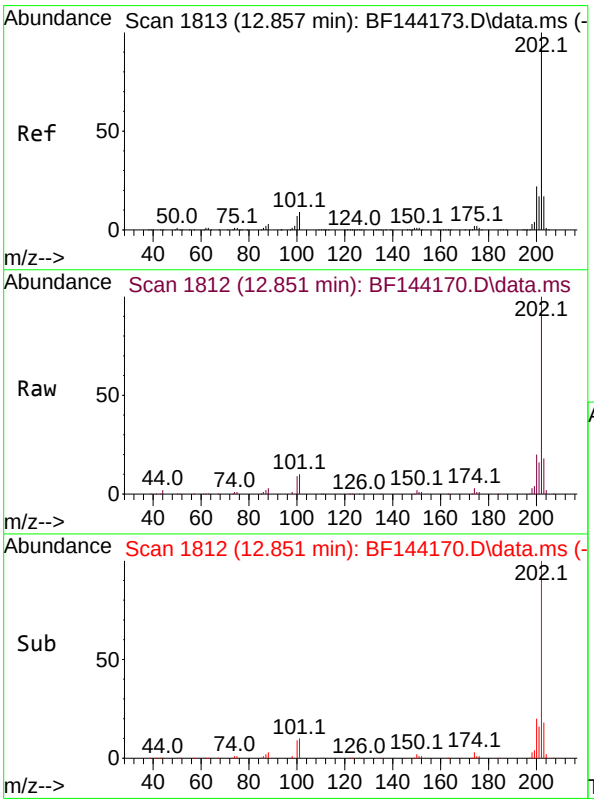
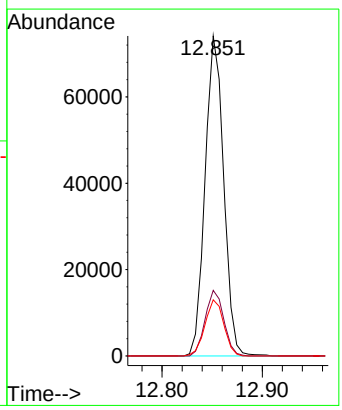
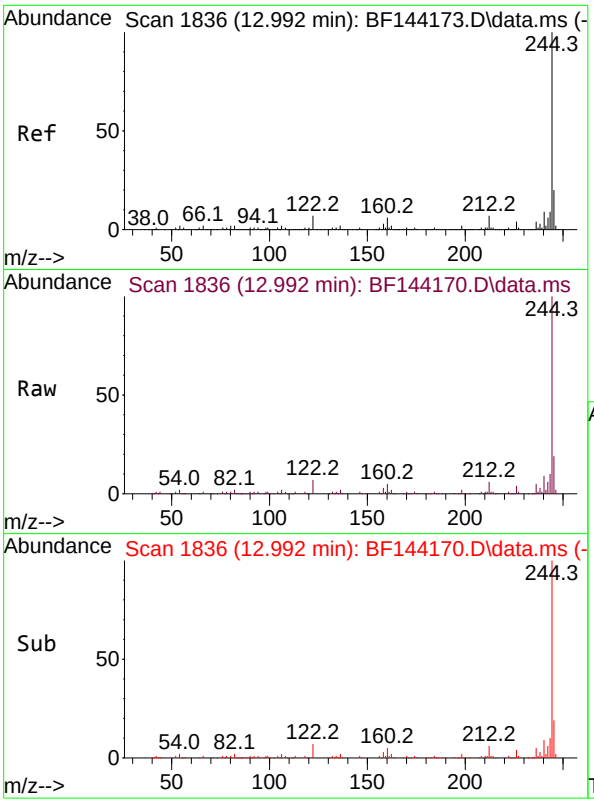



#78
Pyrene
Concen: 5.465 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:202 Resp: 95053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 17.2 | 25.8 |
| 203 | 17.5 | 13.7 | 20.5 |

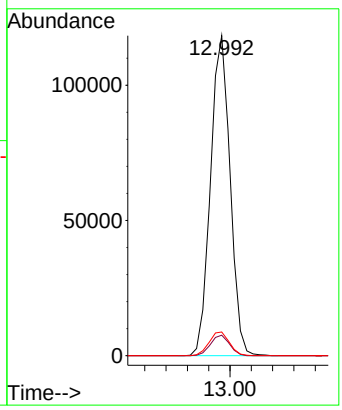





#79
Terphenyl-d14
Concen: 11.145 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:244 Resp: 15134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.3 | 7.9 |
| 122 | 7.4 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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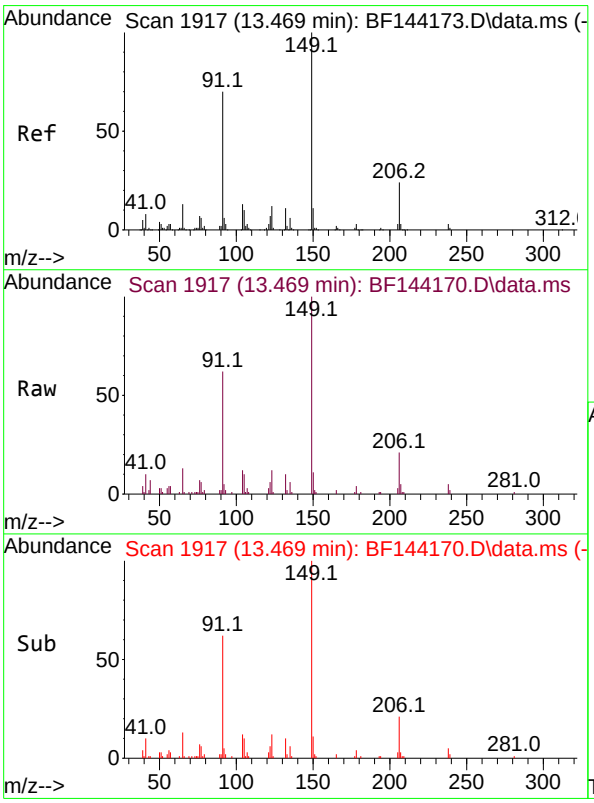
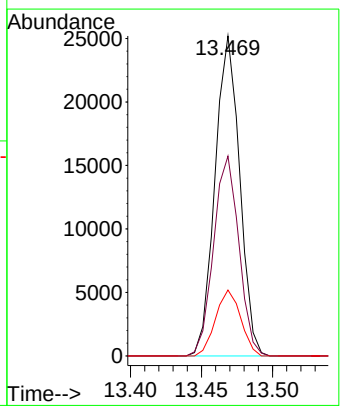
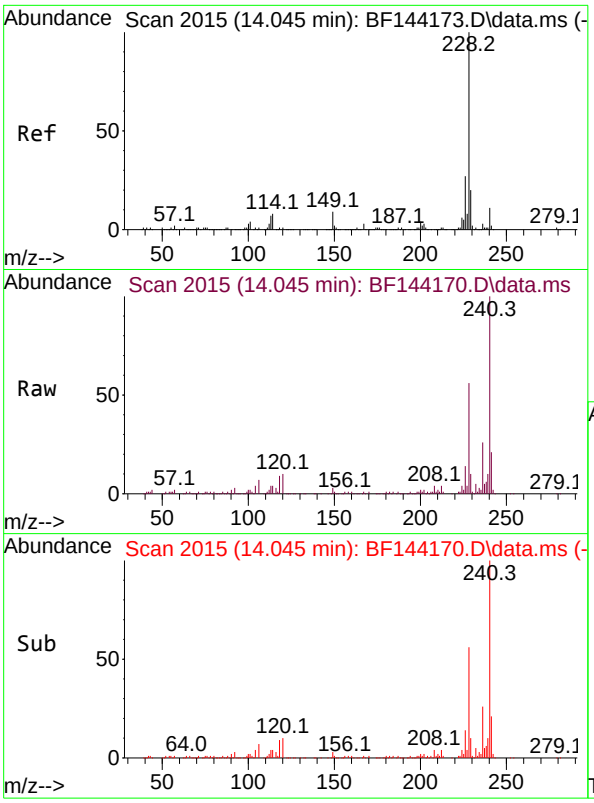



#80
Butylbenzylphthalate
Concen: 5.056 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:149 Resp: 30478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.4 | 56.1 | 84.1 |
| 206 | 20.6 | 18.8 | 28.2 |

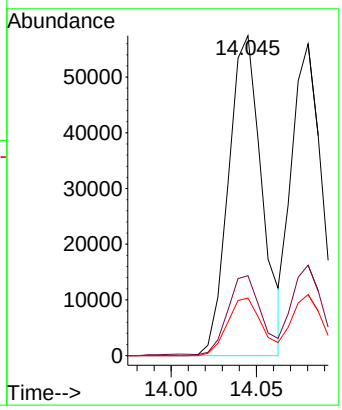





#81
Benzo(a)anthracene
Concen: 5.249 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:228 Resp: 7847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.0 | 21.8 | 32.8 |
| 229 | 18.0 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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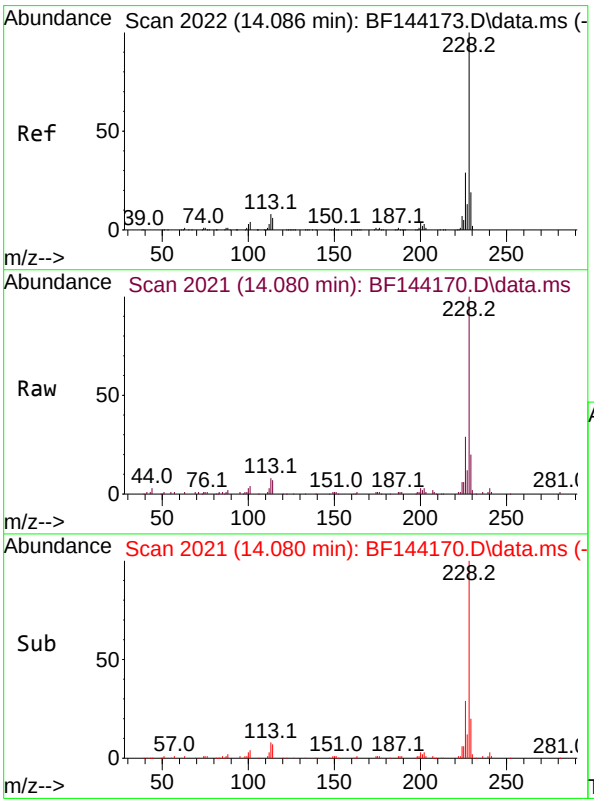
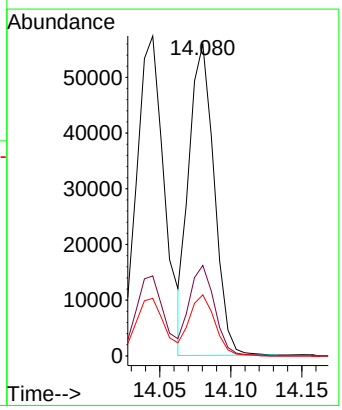
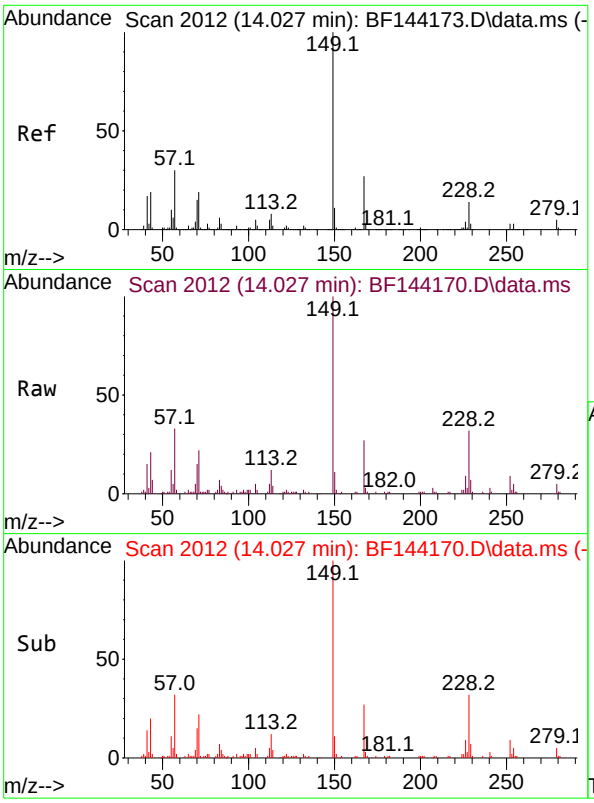



#83
Chrysene
Concen: 4.986 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:228 Resp: 68808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 22.9 | 34.3 |
| 229 | 19.6 | 15.0 | 22.6 |

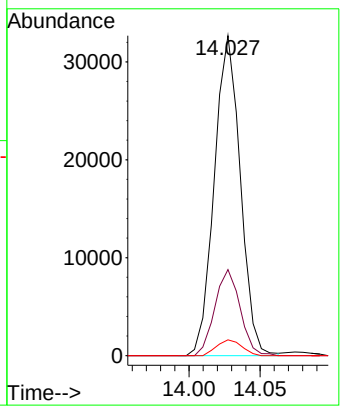





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:149 Resp: 4170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.9 | 21.8 | 32.8 |
| 279 | 4.9 | 3.7 | 5.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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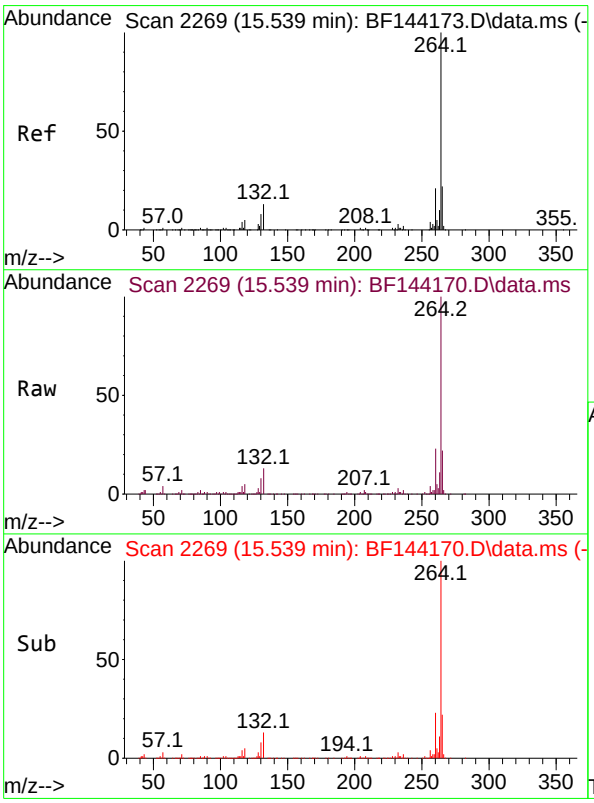
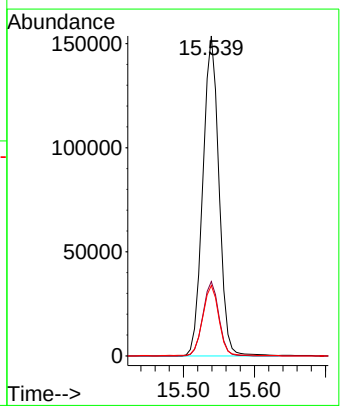
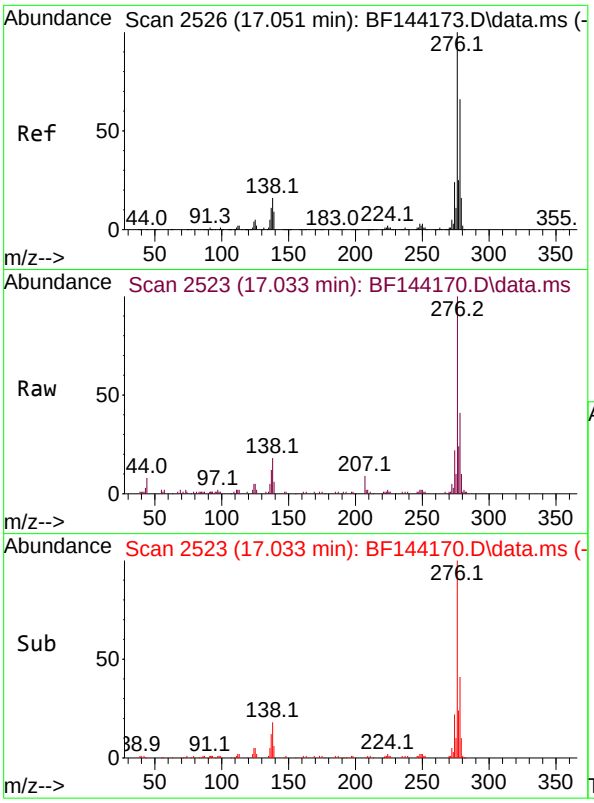



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:264 Resp: 241361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 17.1 | 25.7 |
| 265 | 22.0 | 17.4 | 26.0 |

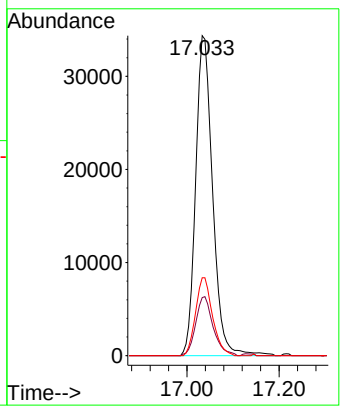





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.049 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:276 Resp: 8748

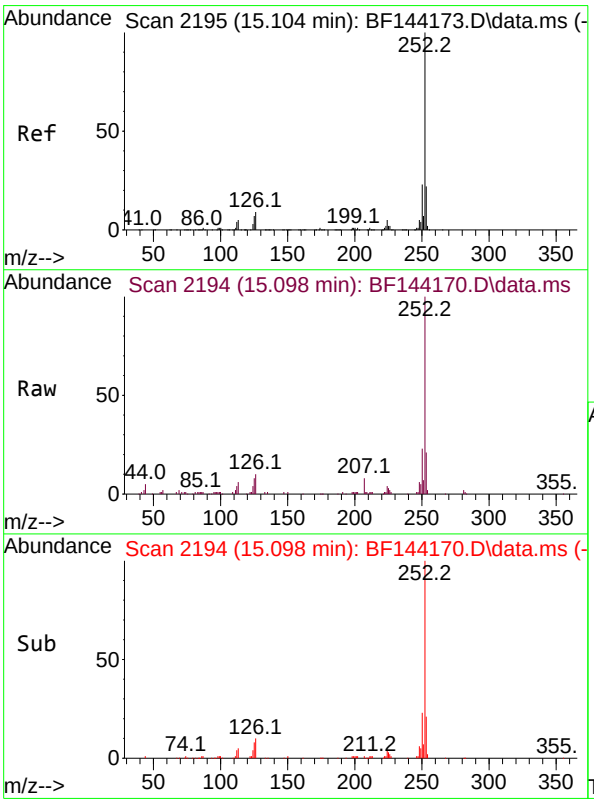
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.9 | 13.9 | 20.9 |
| 277 | 24.2 | 19.8 | 29.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

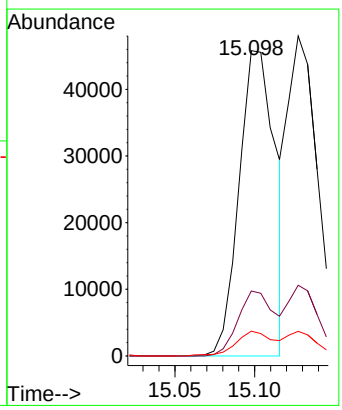
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

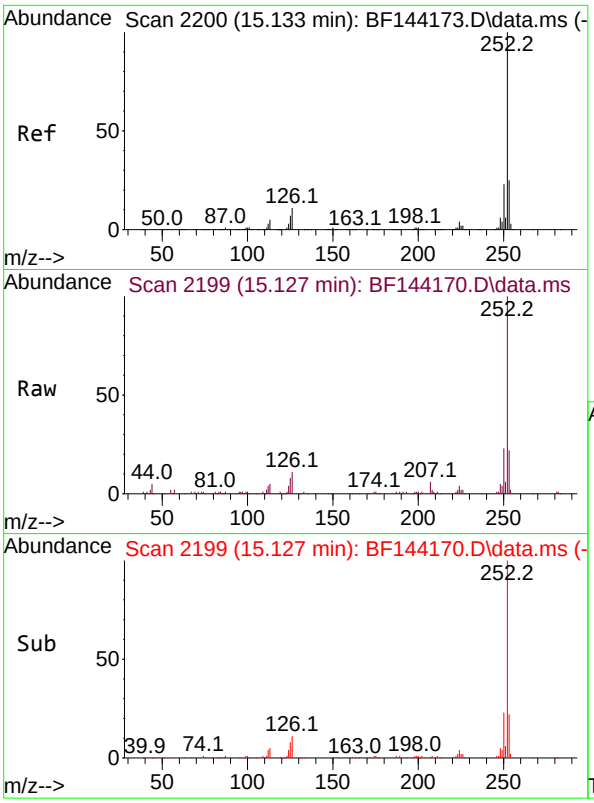



#88
Benzo(b)fluoranthene
Concen: 5.273 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 72360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.4 | 26.2 |
| 125 | 8.1 | 5.3 | 7.9# |

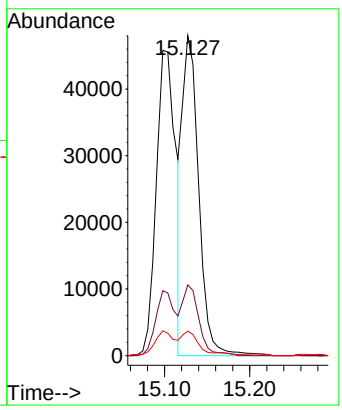





#89
Benzo(k)fluoranthene
Concen: 5.060 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 6498

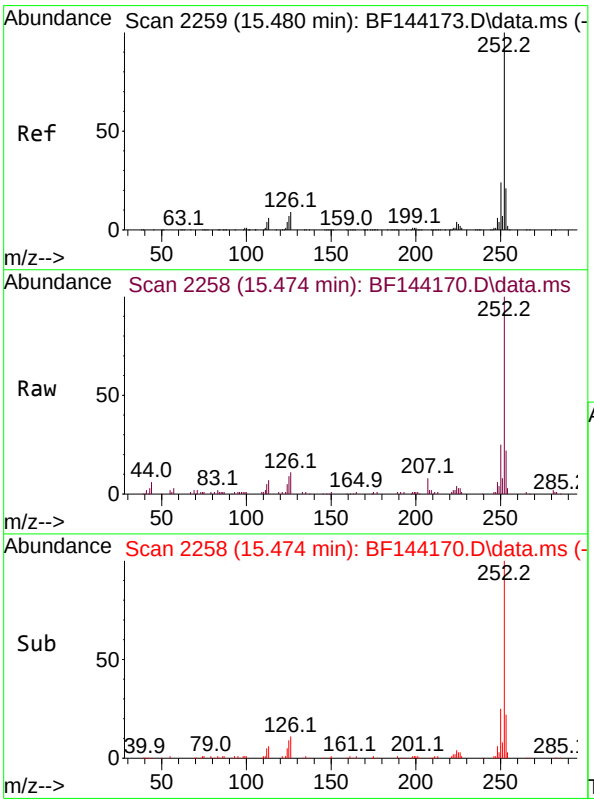
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.0 | 27.0 |
| 125 | 7.7 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

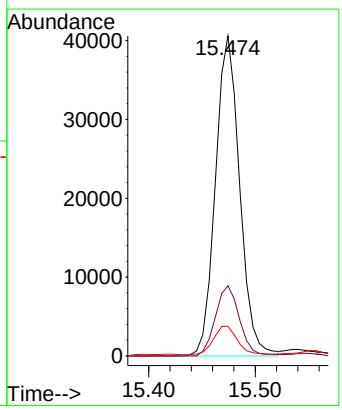
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

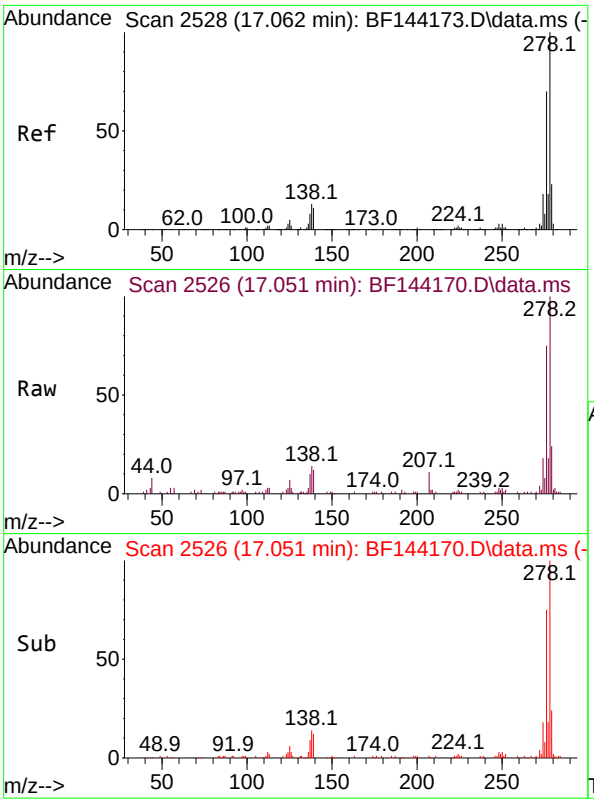



#90
Benzo(a)pyrene
Concen: 5.071 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 64190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 16.7 | 25.1 |
| 125 | 9.3 | 5.7 | 8.5# |

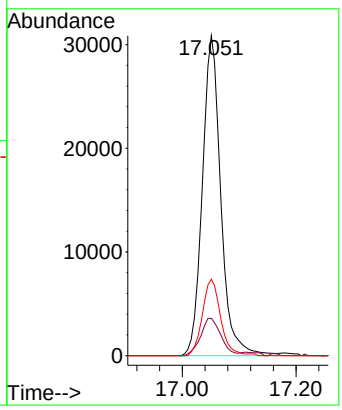





#91
Dibenzo(a,h)anthracene
Concen: 5.010 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:278 Resp: 6971

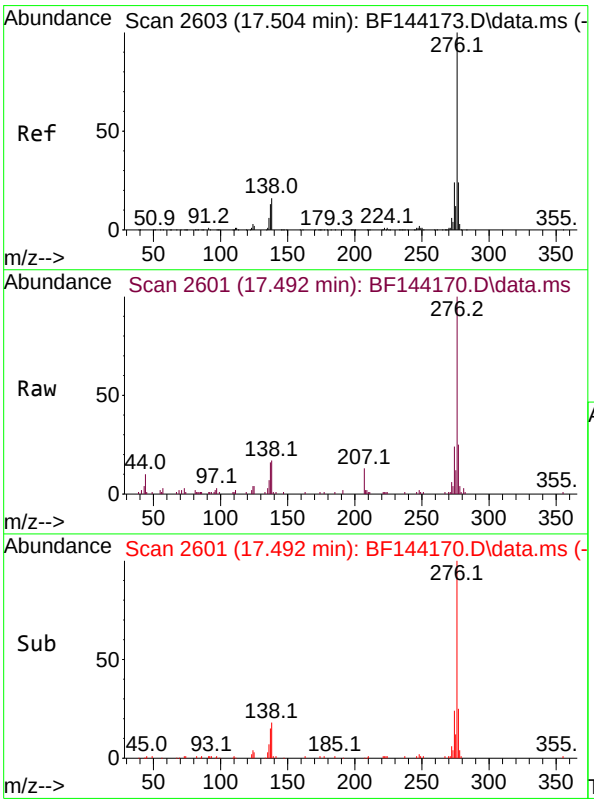
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.7 | 9.1 | 13.7 |
| 279 | 23.9 | 18.2 | 27.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

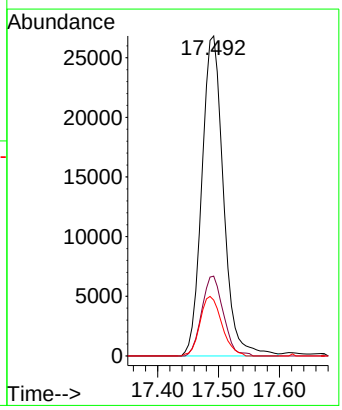
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025




#92
Benzo(g,h,i)perylene
Concen: 4.810 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:276 Resp: 66099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.9 | 19.0 | 28.4 |
| 138 | 17.4 | 12.9 | 19.3 |



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 112609 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 438512 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 261107 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 469428 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 296506 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 311371 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 146731 | 20.391 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 170929 | 20.963 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 154488 | 20.347 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 66981 | 20.442 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 372845 | 21.090 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.992 | 244 | 419548 | 22.476 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.616 | 88 | 27411 | 9.214 | ng | 97 |
| 3) Pyridine | 3.393 | 79 | 79148 | 9.536 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.322 | 42 | 40456 | 9.331 | ng | 95 |
| 6) Aniline | 6.534 | 93 | 122118 | 10.512 | ng | 98 |
| 8) 2-Chlorophenol | 6.657 | 128 | 73729 | 10.448 | ng | 99 |
| 9) Benzaldehyde | 6.422 | 77 | 58146 | 12.629 | ng | 98 |
| 10) Phenol | 6.510 | 94 | 106765 | 10.717 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 75075 | 10.342 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 88594 | 10.174 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.893 | 146 | 87984 | 10.085 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 84997 | 10.165 | ng | 98 |
| 15) Benzyl Alcohol | 7.010 | 79 | 64160 | 9.937 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140 | 45 | 139062 | 10.403 | ng | 97 |
| 17) 2-Methylphenol | 7.122 | 107 | 59368 | 10.575 | ng | 98 |
| 18) Hexachloroethane | 7.387 | 117 | 28876 | 9.963 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 57621 | 10.735 | ng | 98 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 74874 | 11.314 | ng | 96 |
| 22) Acetophenone | 7.281 | 105 | 101777 | 10.819 | ng | 97 |
| 24) Nitrobenzene | 7.451 | 77 | 85567 | 10.380 | ng | 98 |
| 25) Isophorone | 7.692 | 82 | 146541 | 10.204 | ng | 98 |
| 26) 2-Nitrophenol | 7.769 | 139 | 41083 | 10.067 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 60896 | 9.956 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 91497 | 10.202 | ng | 95 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 75032 | 10.643 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 76623 | 10.585 | ng | 94 |
| 31) Naphthalene | 8.181 | 128 | 220903 | 10.590 | ng | 99 |
| 32) Benzoic acid | 7.910 | 122 | 58822 | 13.120 | ng | 92 |
| 33) 4-Chloroaniline | 8.228 | 127 | 79703 | 10.476 | ng | 97 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 54849 | 10.054 | ng | 96 |
| 35) Caprolactam | 8.575 | 113 | 20560 | 10.645 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 67228 | 10.641 | ng | 96 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 147427 | 10.571 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 149280 | 11.093 | ng | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 86408 | 10.098 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 15765 | 10.609 | ng | 93 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 58560 | 10.054 | ng | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

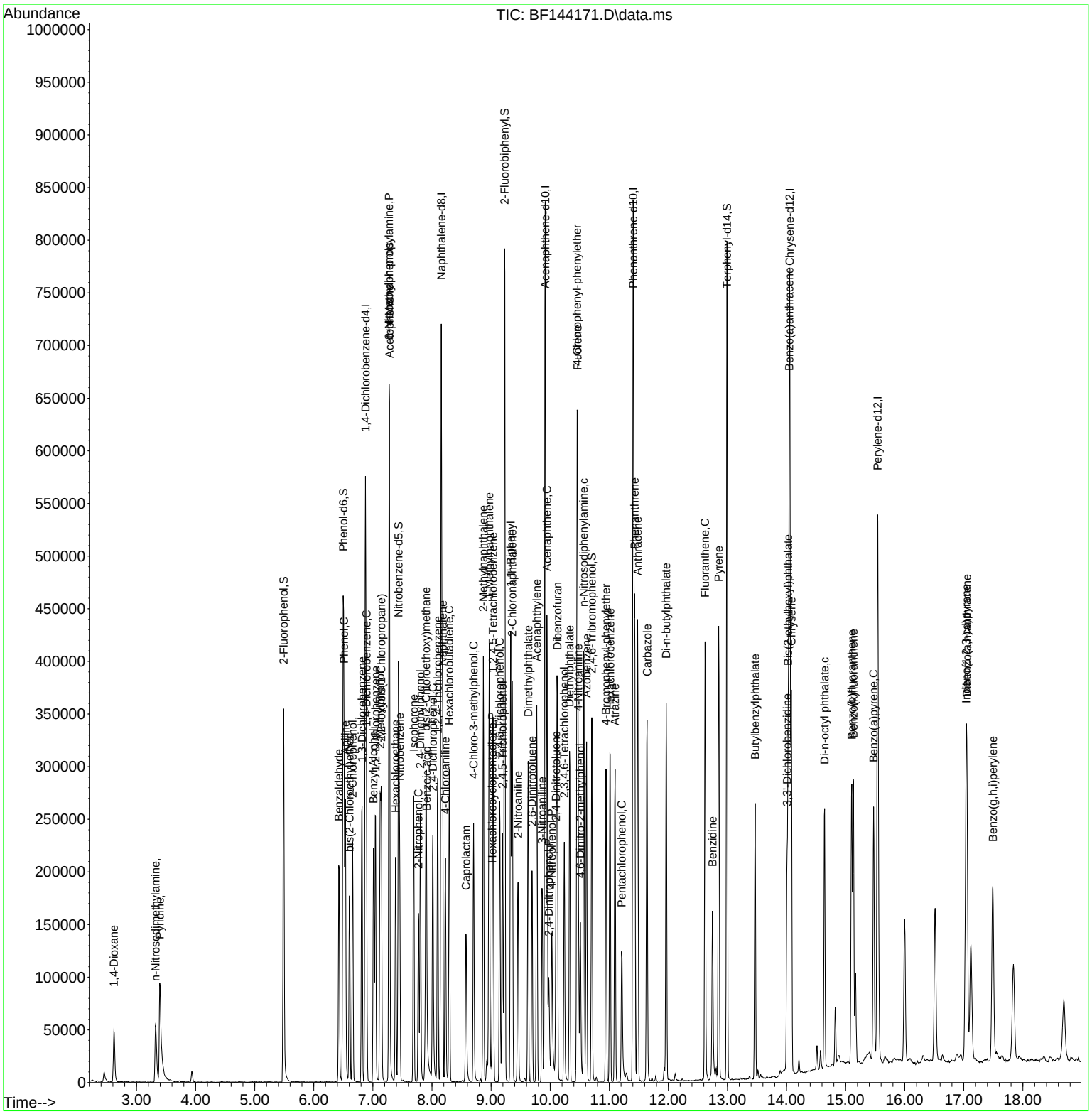
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 63779 | 10.160 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 188739 | 10.355 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 158745 | 10.211 | ng | | 100 |
| 48) 2-Nitroaniline | 9.457 | 65 | 45323 | 10.104 | ng | | 97 |
| 49) Acenaphthylene | 9.775 | 152 | 220118 | 10.390 | ng | | 99 |
| 50) Dimethylphthalate | 9.628 | 163 | 175284 | 10.133 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.692 | 165 | 35433 | 10.119 | ng | | 98 |
| 52) Acenaphthene | 9.945 | 154 | 151661 | 10.705 | ng | | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 39270 | 10.259 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 26319 | 12.447 | ng | | 97 |
| 55) Dibenzofuran | 10.122 | 168 | 208943 | 10.530 | ng | | 99 |
| 56) 4-Nitrophenol | 10.028 | 139 | 35627 | 12.867 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 49257 | 10.508 | ng | # | 98 |
| 58) Fluorene | 10.463 | 166 | 159623 | 10.581 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 45333 | 10.207 | ng | | 97 |
| 60) Diethylphthalate | 10.328 | 149 | 166246 | 10.426 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 91478 | 10.645 | ng | | 99 |
| 62) 4-Nitroaniline | 10.475 | 138 | 37821 | 10.375 | ng | | 98 |
| 63) Azobenzene | 10.616 | 77 | 157098 | 10.586 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 34516 | 10.823 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 158661 | 10.509 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 60929 | 10.169 | ng | | 96 |
| 68) Hexachlorobenzene | 11.016 | 284 | 71759 | 10.168 | ng | | 94 |
| 69) Atrazine | 11.098 | 200 | 49466 | 10.302 | ng | | 97 |
| 70) Pentachlorophenol | 11.210 | 266 | 31673 | 9.012 | ng | | 97 |
| 71) Phenanthrene | 11.428 | 178 | 244478 | 10.460 | ng | | 99 |
| 72) Anthracene | 11.480 | 178 | 248511 | 10.457 | ng | | 99 |
| 73) Carbazole | 11.639 | 167 | 215269 | 10.652 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 258464 | 10.580 | ng | | 99 |
| 75) Fluoranthene | 12.622 | 202 | 250112 | 10.359 | ng | | 99 |
| 77) Benzidine | 12.745 | 184 | 104876 | 11.958 | ng | | 99 |
| 78) Pyrene | 12.851 | 202 | 258743 | 10.823 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 87462 | 10.556 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 198590 | 9.664 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 67166 | 9.535 | ng | | 97 |
| 83) Chrysene | 14.080 | 228 | 184604 | 9.731 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 109593 | 9.662 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 172428 | 8.811 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.039 | 276 | 219736 | 9.831 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 176369 | 9.963 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 170386 | 10.283 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 163529 | 10.013 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 179793 | 10.016 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.492 | 276 | 175090 | 9.877 | ng | | 100 |

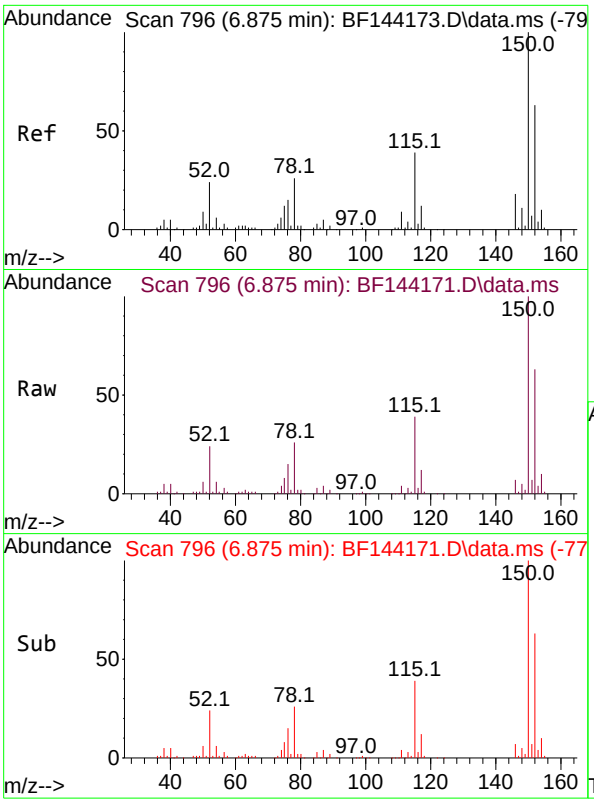
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



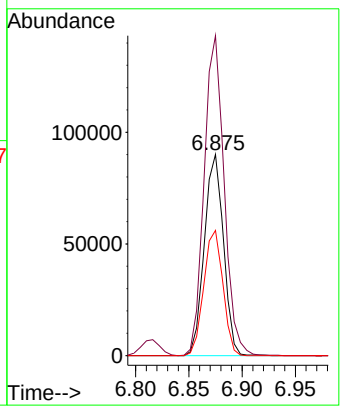


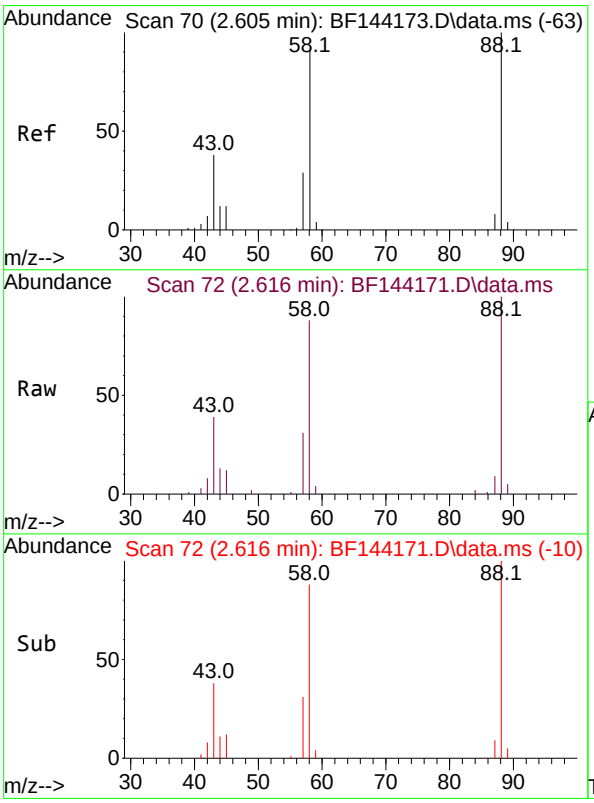

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 112609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 127.4 | 191.0 |
| 115 | 62.3 | 49.5 | 74.3 |

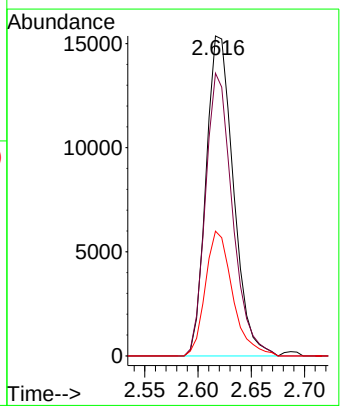


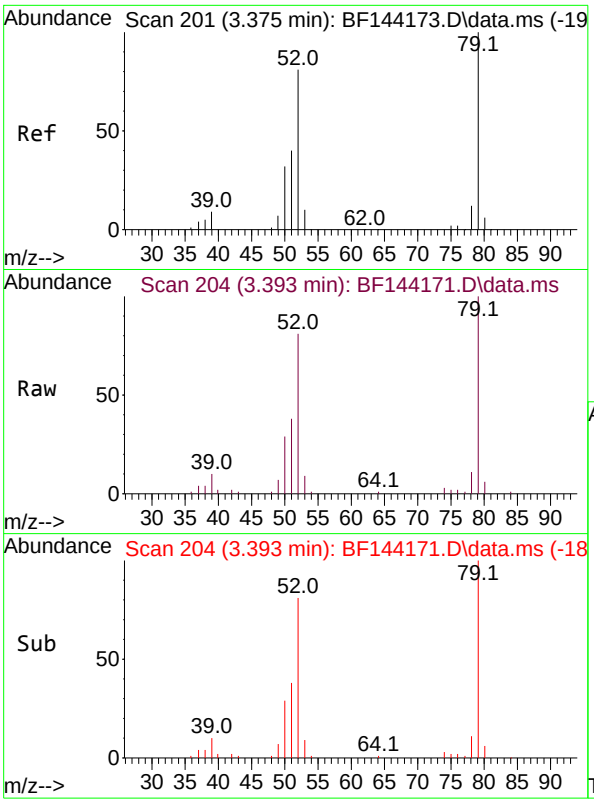




#2
1,4-Dioxane
Concen: 9.214 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 88 Resp: 27411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.1 | 73.1 | 109.7 |
| 43 | 38.9 | 31.0 | 46.6 |



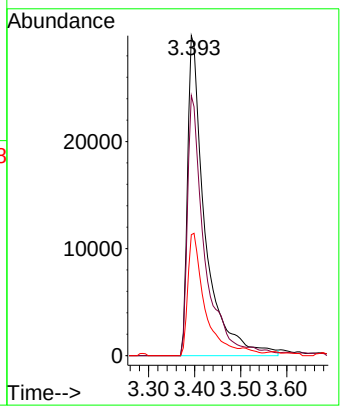


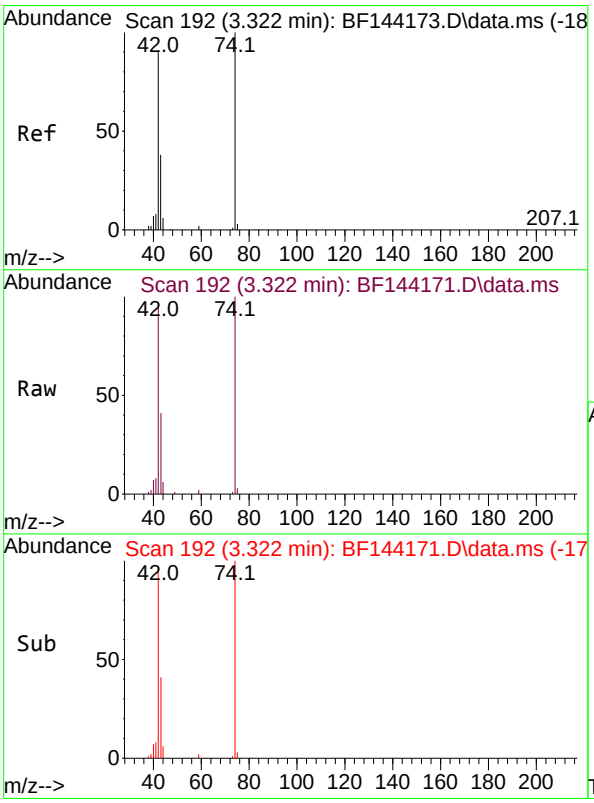

#3
Pyridine
Concen: 9.536 ng
RT: 3.393 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 79148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.3 | 64.5 | 96.7 |
| 51 | 37.8 | 31.7 | 47.5 |

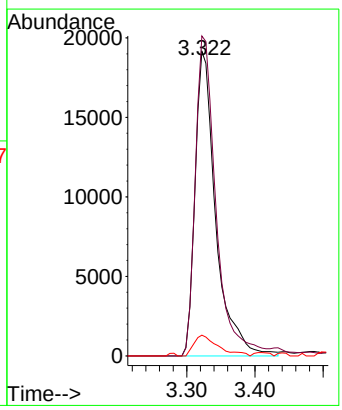


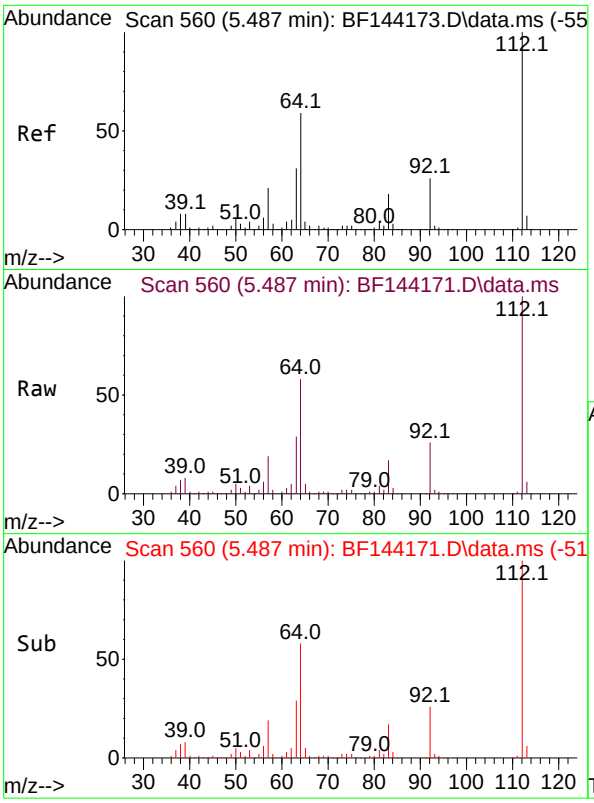




#4
n-Nitrosodimethylamine
Concen: 9.331 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 42 Resp: 40456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 105.1 | 88.2 | 132.4 |
| 44 | 6.8 | 5.7 | 8.5 |



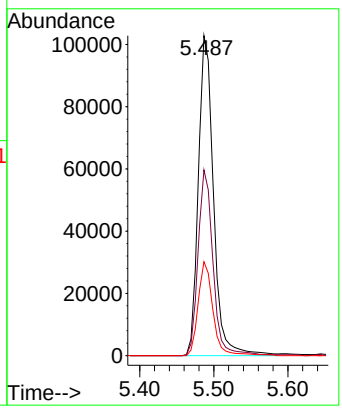


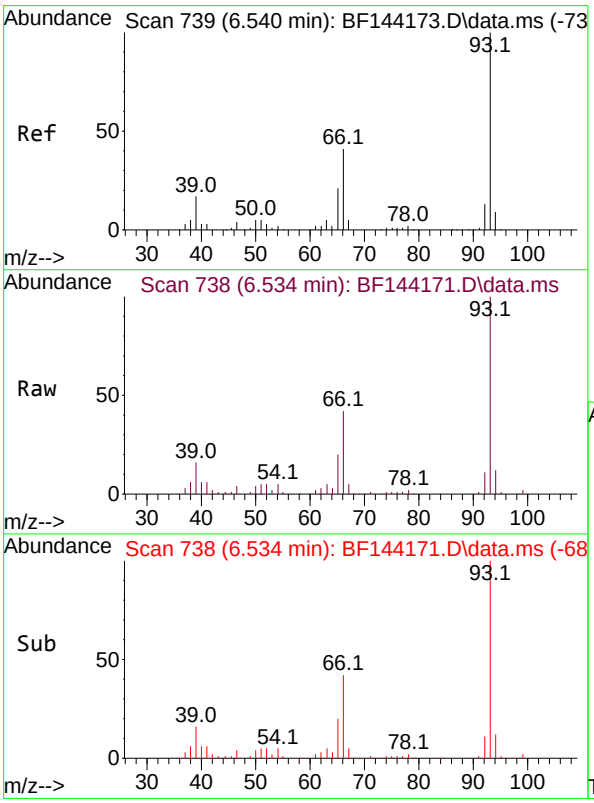

#5
2-Fluorophenol
Concen: 20.391 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:112 Resp: 146731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.0 | 47.2 | 70.8 |
| 63 | 29.3 | 24.4 | 36.6 |

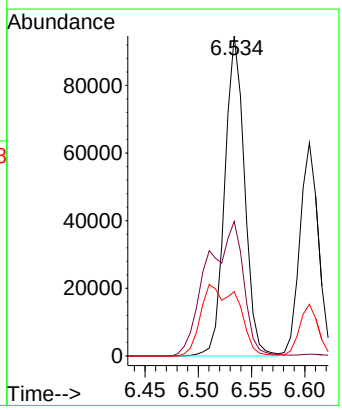


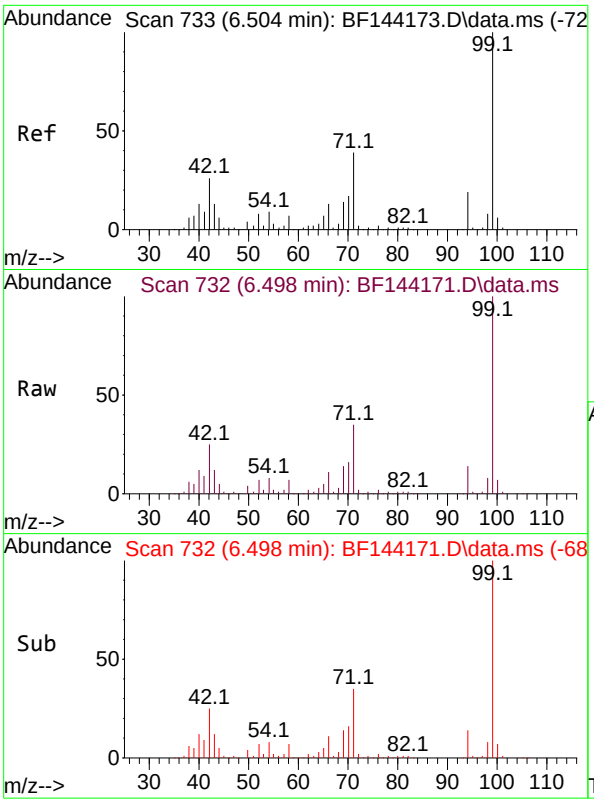




#6
Aniline
Concen: 10.512 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 93 Resp: 122118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.0 | 34.3 | 51.5 |
| 65 | 20.1 | 16.9 | 25.3 |



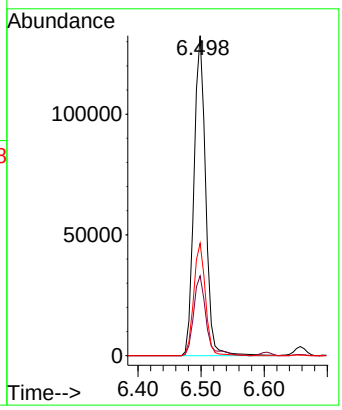


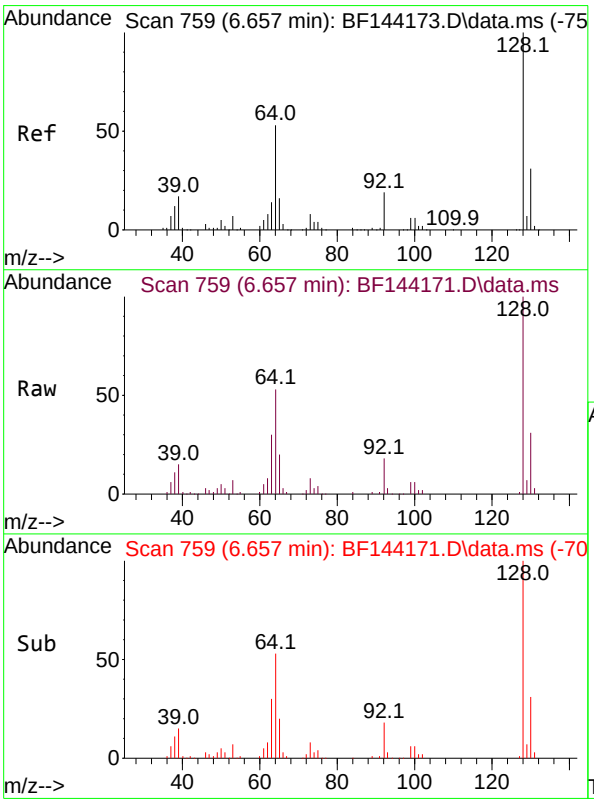

#7
Phenol-d6
Concen: 20.963 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 99 Resp: 170929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.9 | 20.9 | 31.3 |
| 71 | 35.1 | 31.4 | 47.2 |

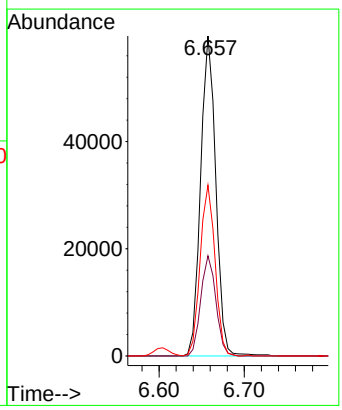


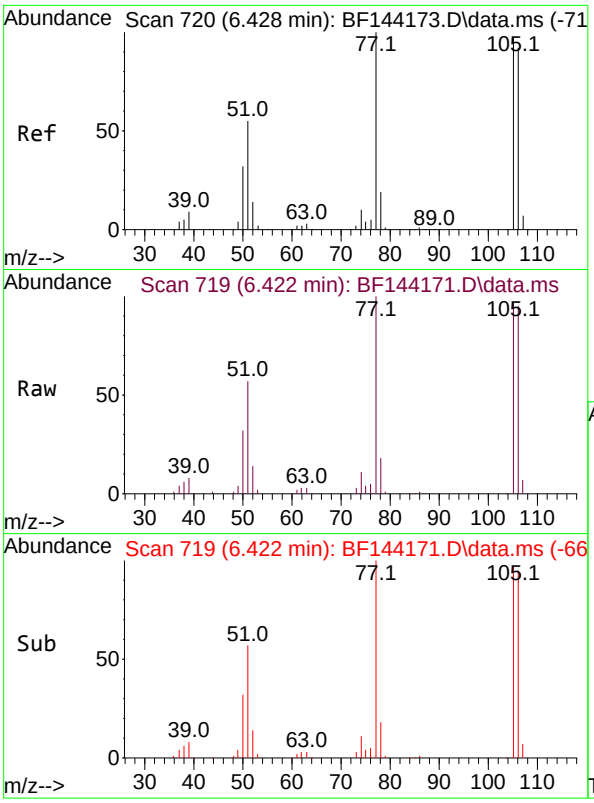




#8
2-Chlorophenol
Concen: 10.448 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:128 Resp: 73729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.3 | 10.5 | 50.5 |
| 64 | 53.3 | 33.2 | 73.2 |



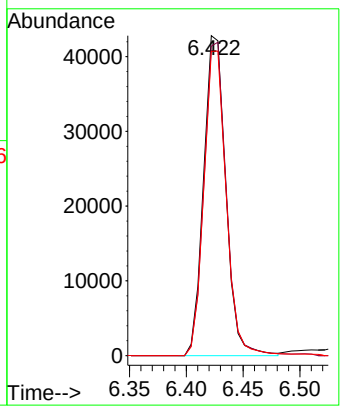


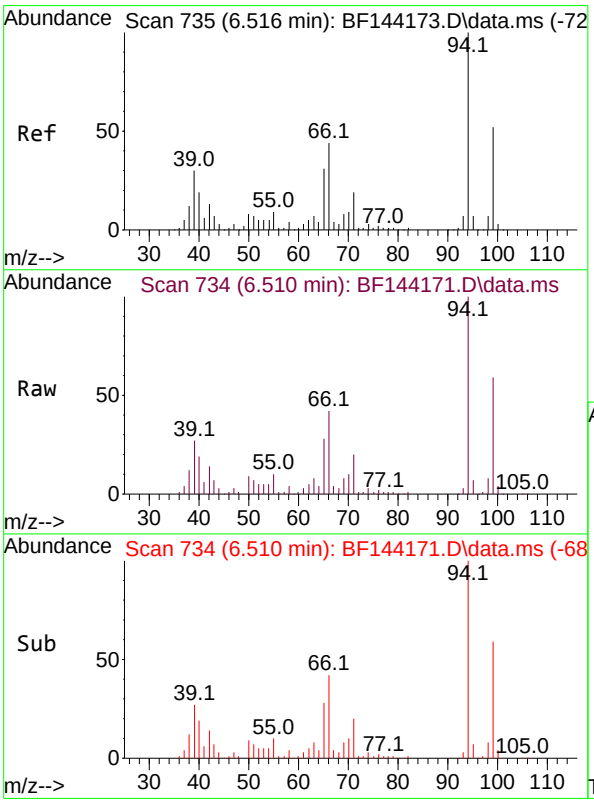

#9
Benzaldehyde
Concen: 12.629 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 58146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.7 | 77.2 | 117.2 |
| 106 | 95.1 | 72.2 | 112.2 |

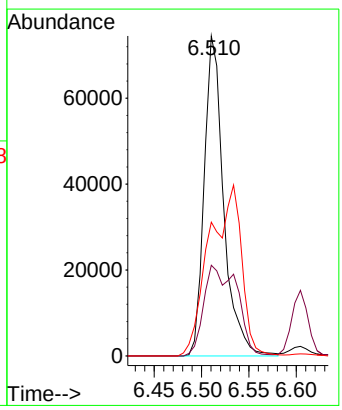


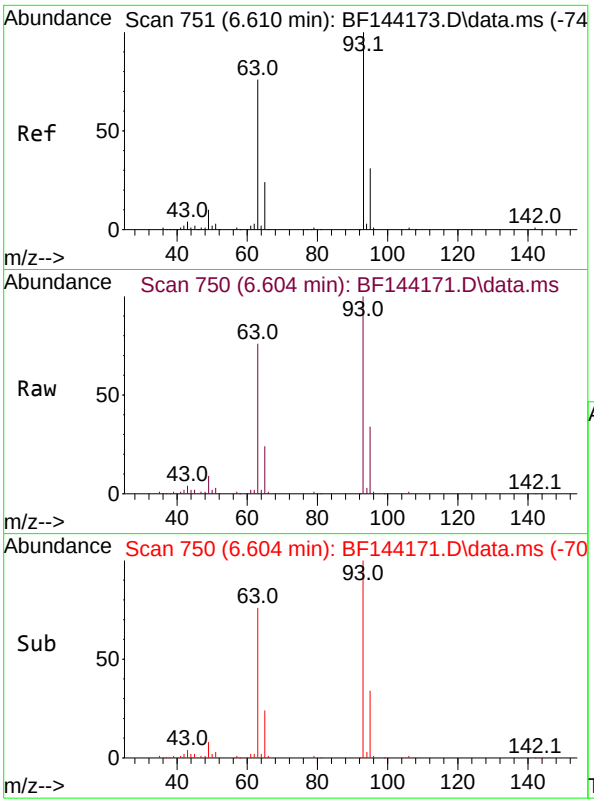




#10
Phenol
Concen: 10.717 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 94 Resp: 106765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.3 | 10.8 | 50.8 |
| 66 | 41.8 | 24.3 | 64.3 |



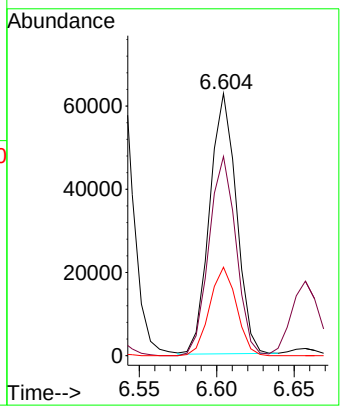


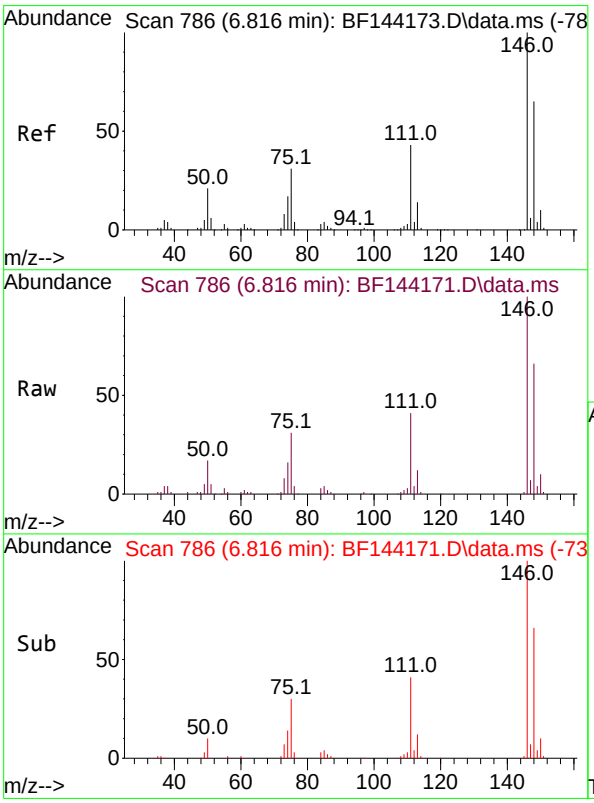

#11
bis(2-Chloroethyl)ether
Concen: 10.342 ng
RT: 6.604 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 93 Resp: 75075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.9 | 55.2 | 95.2 |
| 95 | 33.7 | 11.2 | 51.2 |

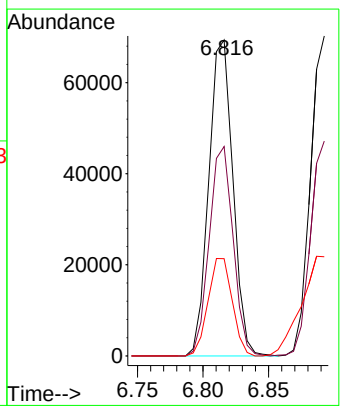


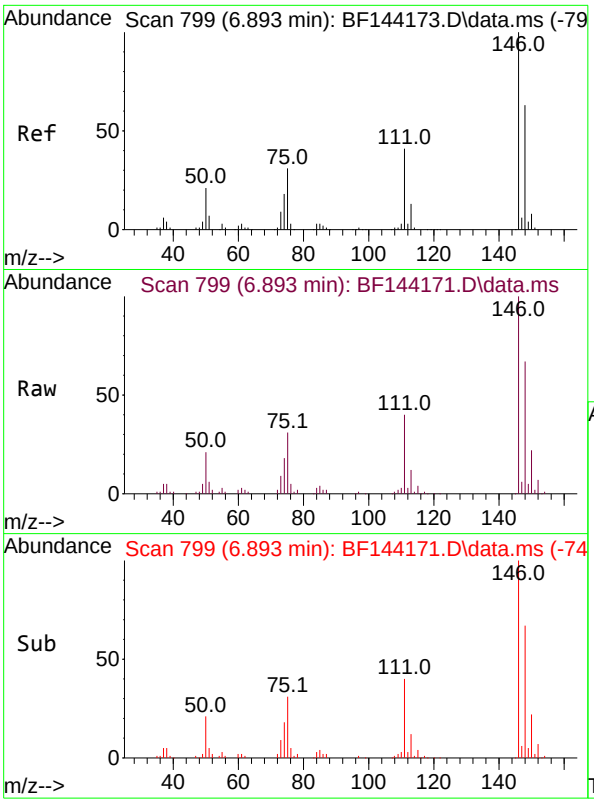




#12
1,3-Dichlorobenzene
Concen: 10.174 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:146 Resp: 88594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.3 | 51.8 | 77.8 |
| 75 | 30.8 | 25.0 | 37.4 |



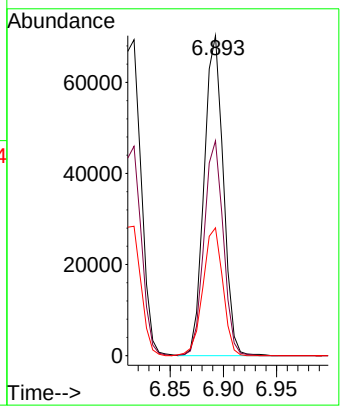


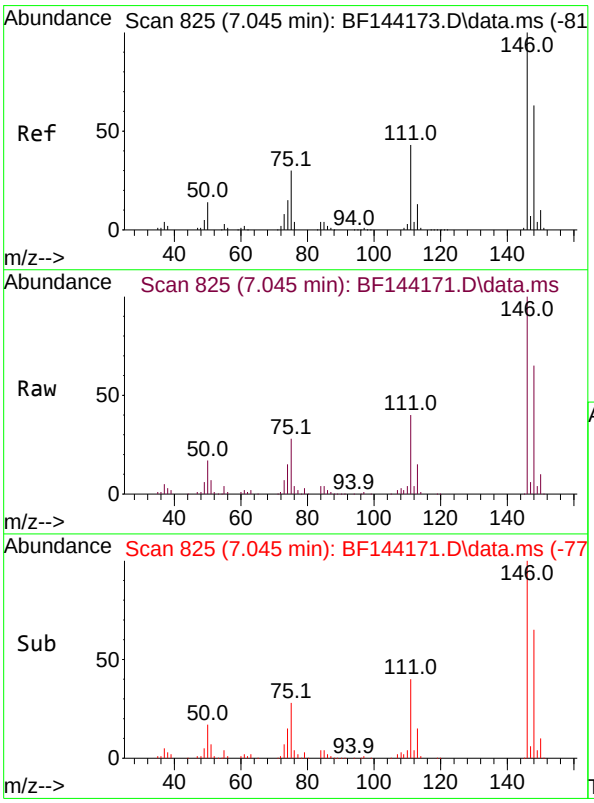

#13
1,4-Dichlorobenzene
Concen: 10.085 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:146 Resp: 87984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.1 | 50.2 | 75.2 |
| 111 | 39.9 | 32.6 | 48.8 |

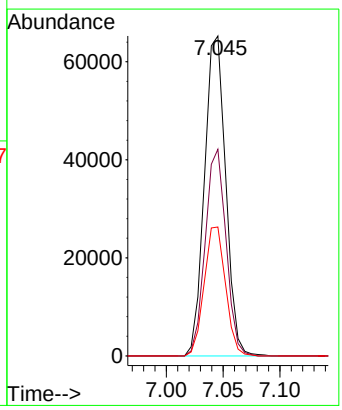


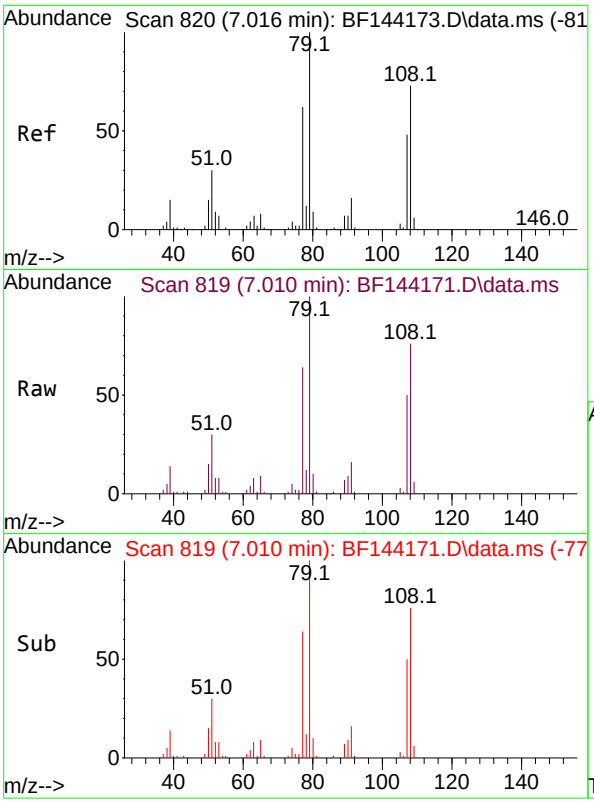




#14
1,2-Dichlorobenzene
Concen: 10.165 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:146 Resp: 84997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 50.7 | 76.1 |
| 111 | 40.3 | 34.2 | 51.4 |



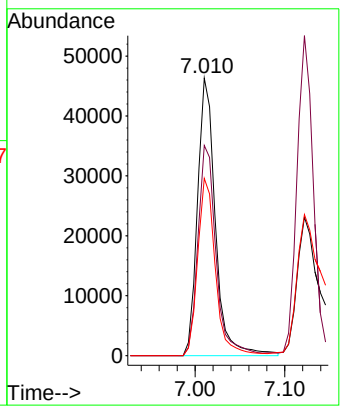


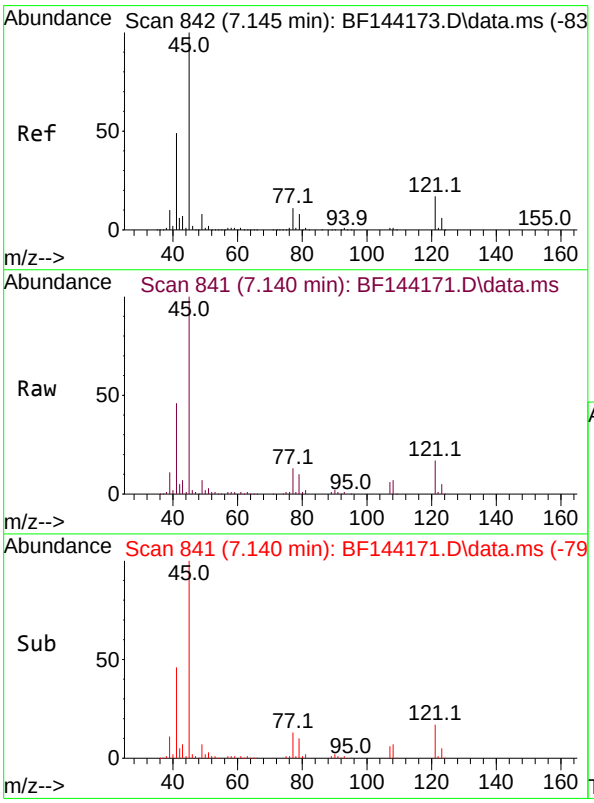

#15
Benzyl Alcohol
Concen: 9.937 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 64160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.8 | 58.2 | 87.4 |
| 77 | 63.8 | 49.9 | 74.9 |

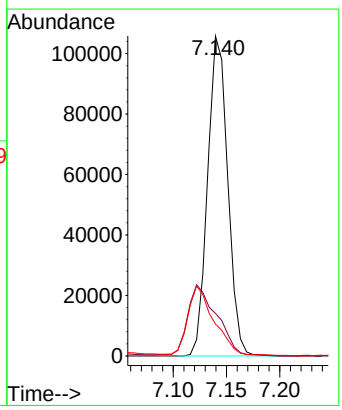


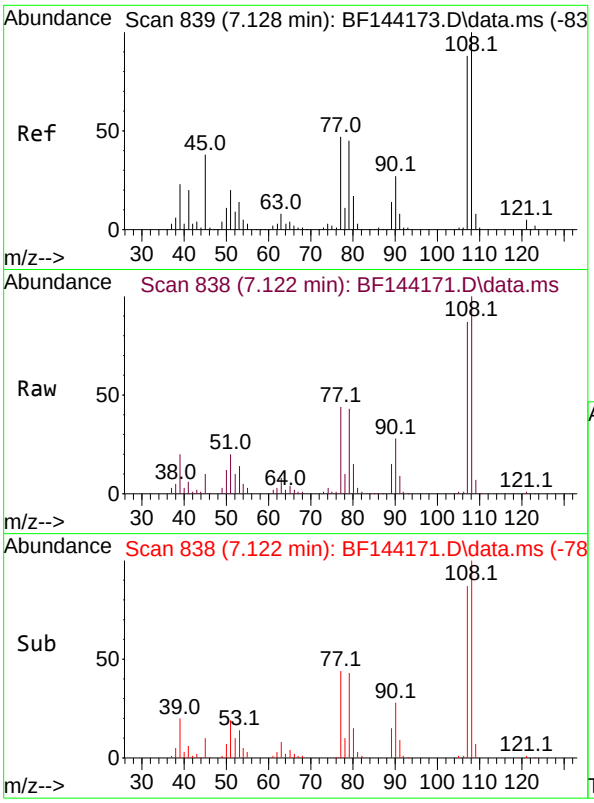




#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.403 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 45 Resp: 139062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.3 | 0.0 | 31.8 |
| 79 | 9.9 | 0.0 | 29.1 |



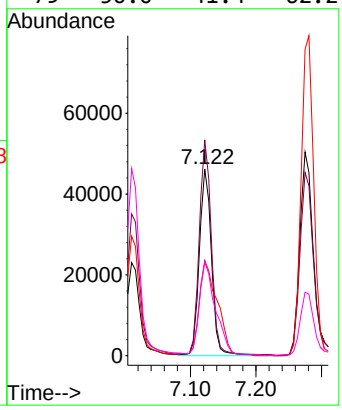


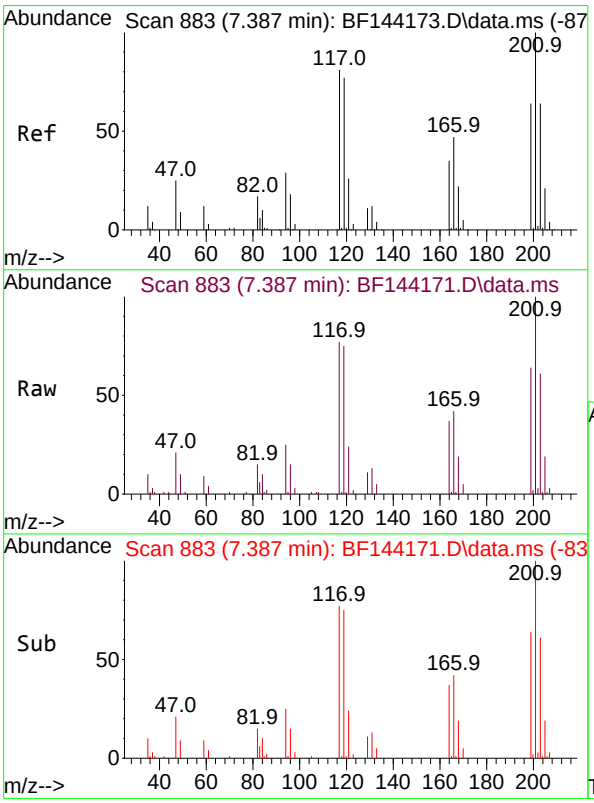

#17
2-Methylphenol
Concen: 10.575 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:107 Resp: 59368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.6 | 91.0 | 136.4 |
| 77 | 51.0 | 42.7 | 64.1 |
| 79 | 50.0 | 41.4 | 62.2 |

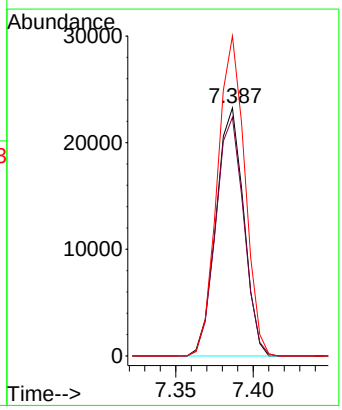


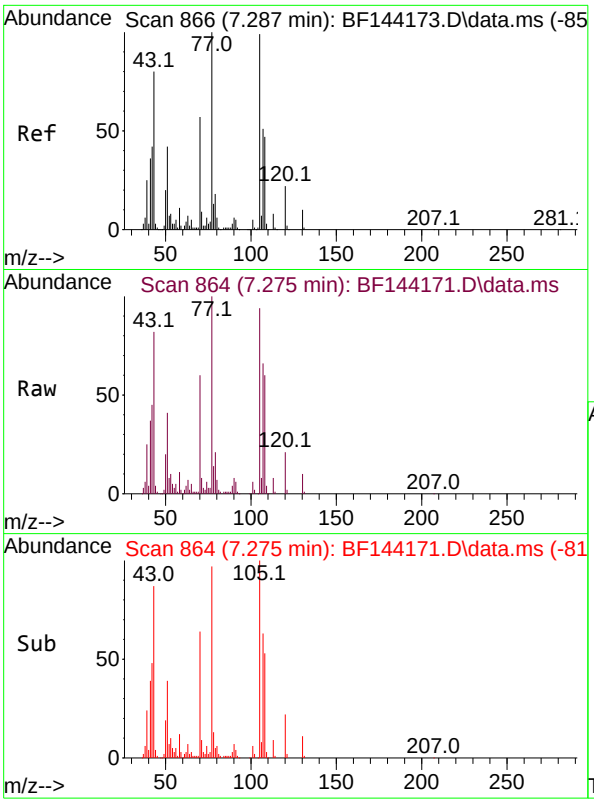




#18
Hexachloroethane
Concen: 9.963 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:117 Resp: 28876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.2 | 75.8 | 113.8 |
| 201 | 129.1 | 98.9 | 148.3 |



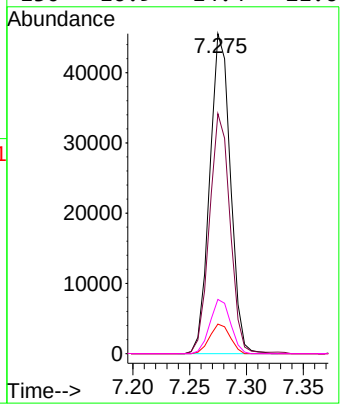


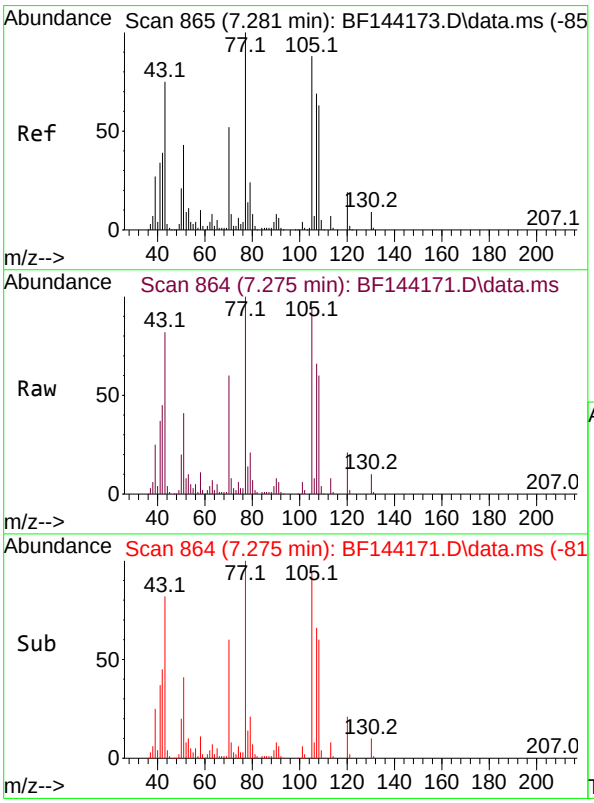

#19
n-Nitroso-di-n-propylamine
Concen: 10.735 ng
RT: 7.275 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 70 Resp: 57621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 75.0 | 58.3 | 87.5 |
| 101 | 9.2 | 7.0 | 10.6 |
| 130 | 16.9 | 14.4 | 21.6 |

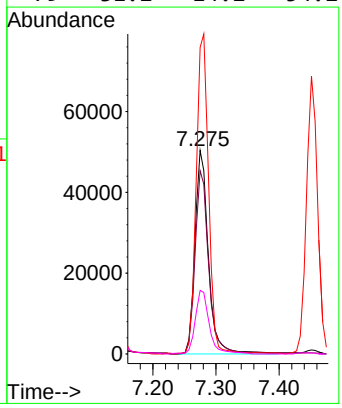


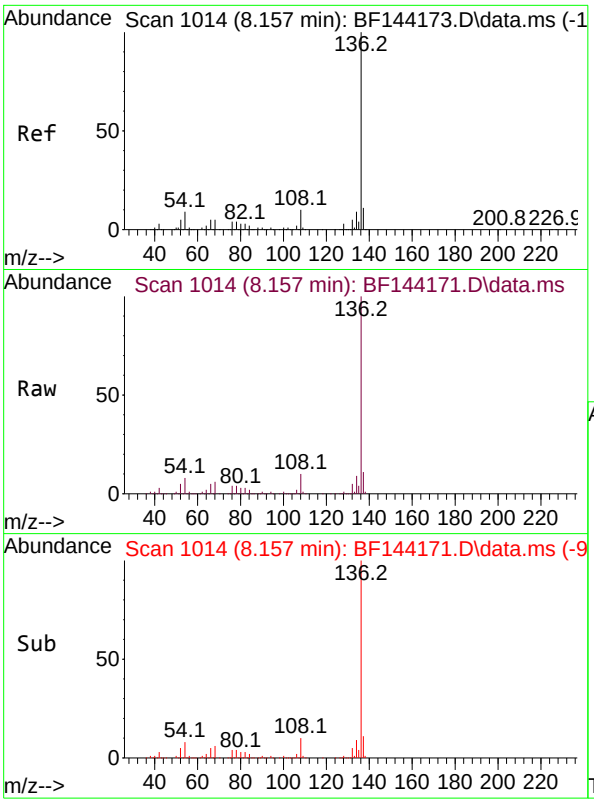




#20
3+4-Methylphenols
Concen: 11.314 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 74874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 70.2 | 110.2 |
| 77 | 150.7 | 123.9 | 163.9 |
| 79 | 31.2 | 14.2 | 54.2 |



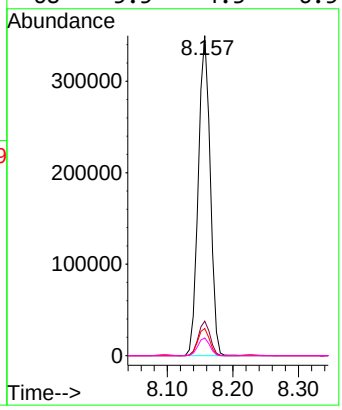


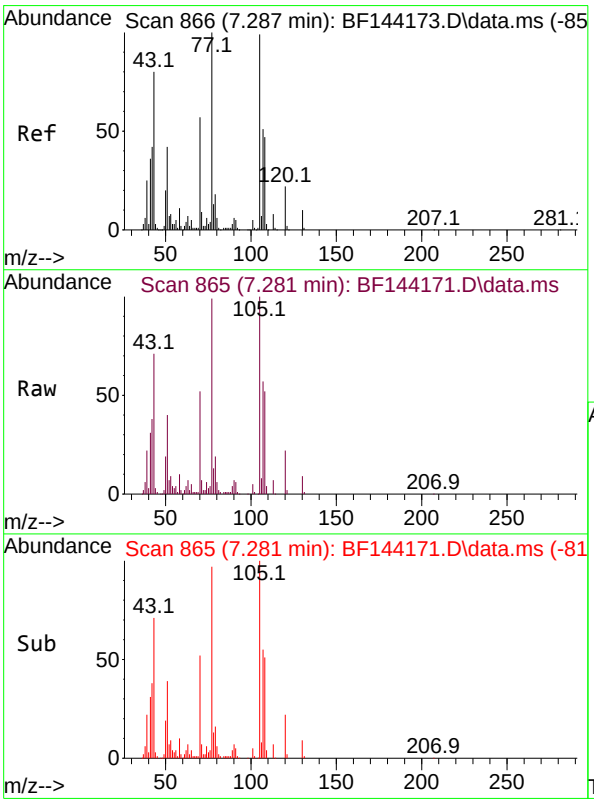

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:136 Resp: 438512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 8.5 | 7.0 | 10.6 |
| 68 | 5.5 | 4.3 | 6.5 |

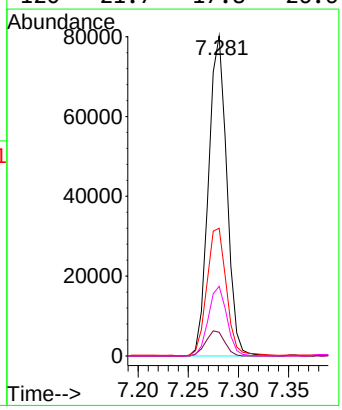


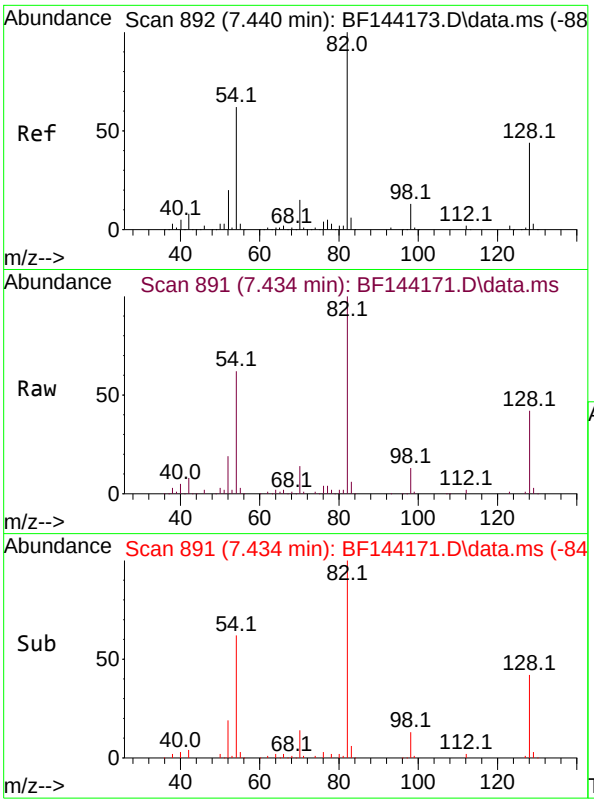




#22
Acetophenone
Concen: 10.819 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:105 Resp: 101777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.4 | 7.2 | 10.8 |
| 51 | 39.9 | 34.0 | 51.0 |
| 120 | 21.7 | 17.8 | 26.6 |



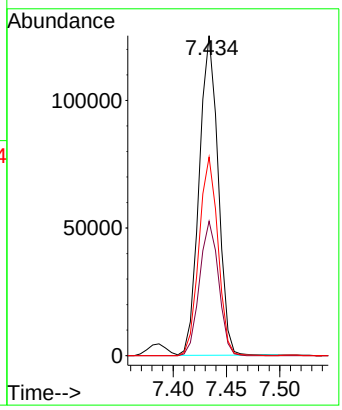


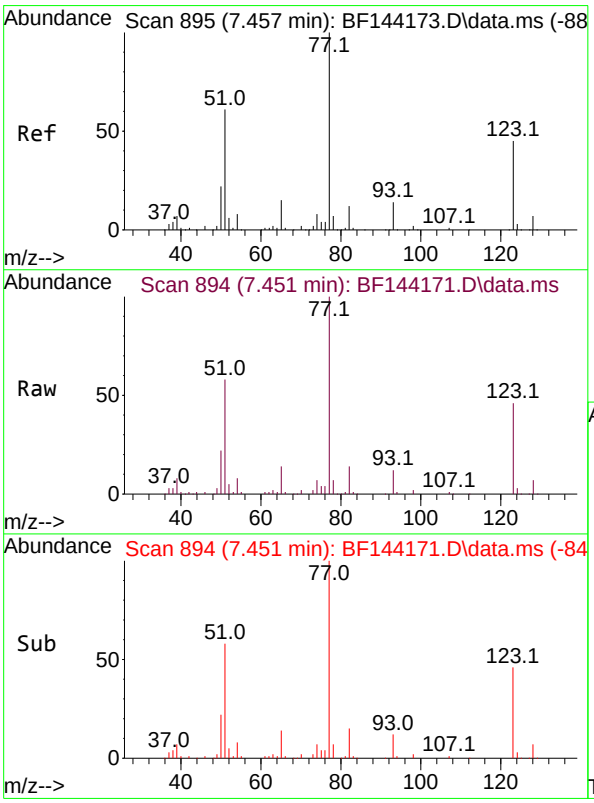

#23
Nitrobenzene-d5
Concen: 20.347 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 154488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 34.7 | 52.1 |
| 54 | 62.0 | 49.5 | 74.3 |

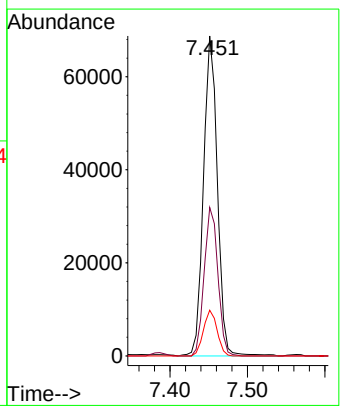


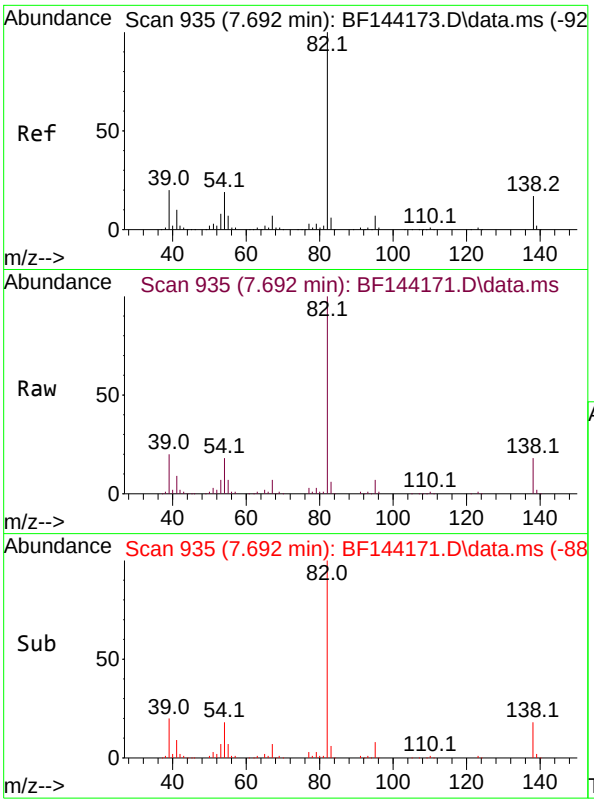




#24
Nitrobenzene
Concen: 10.380 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 77 Resp: 85567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.4 | 35.8 | 53.8 |
| 65 | 14.3 | 12.2 | 18.2 |



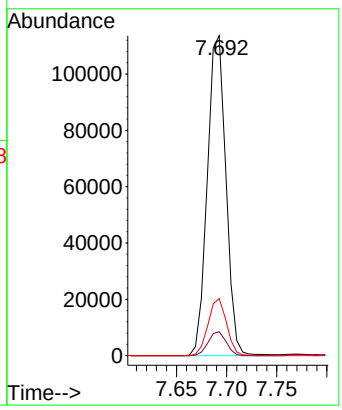


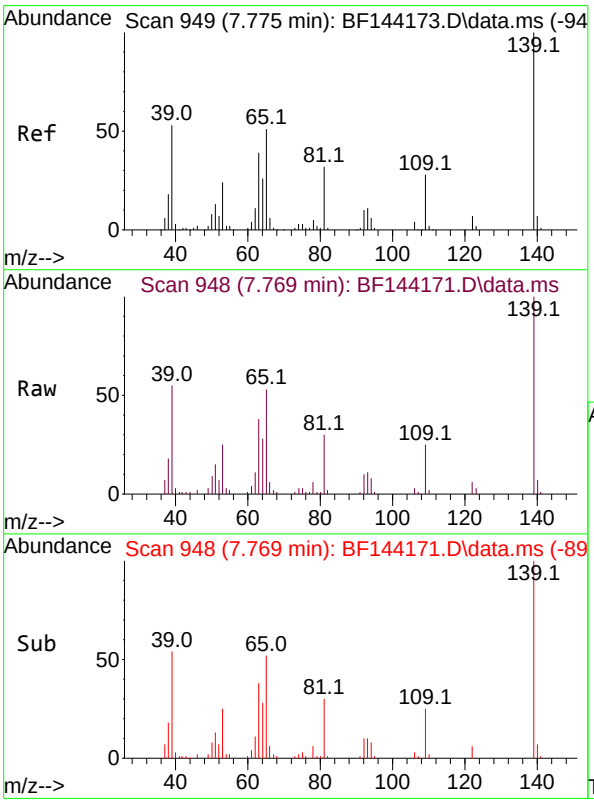

#25
Isophorone
Concen: 10.204 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 146541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 5.5 | 8.3 |
| 138 | 17.9 | 13.7 | 20.5 |

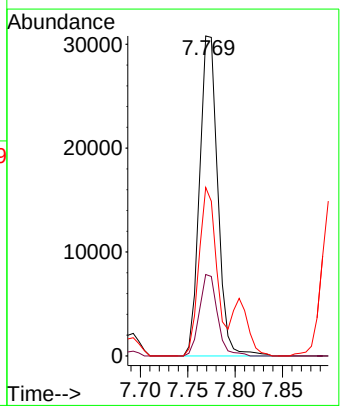


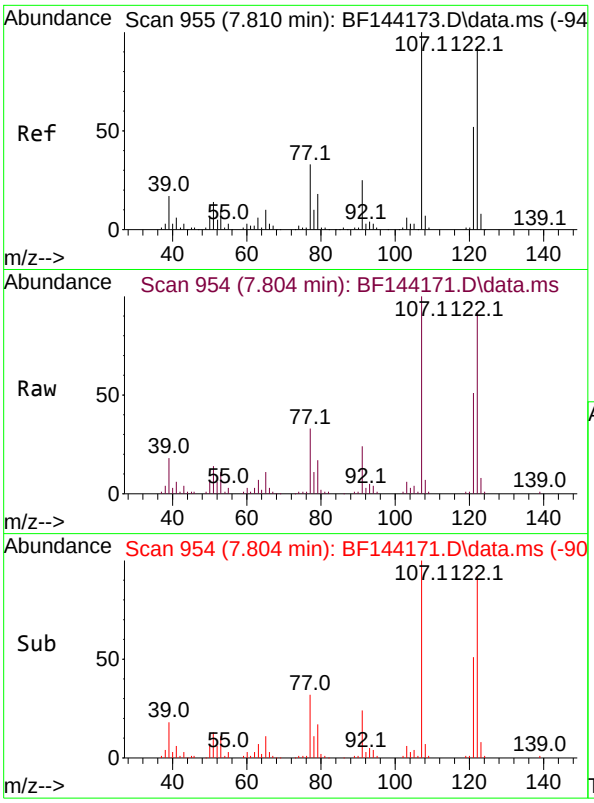




#26
2-Nitrophenol
Concen: 10.067 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:139 Resp: 41083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.4 | 22.2 | 33.2 |
| 65 | 52.6 | 40.7 | 61.1 |



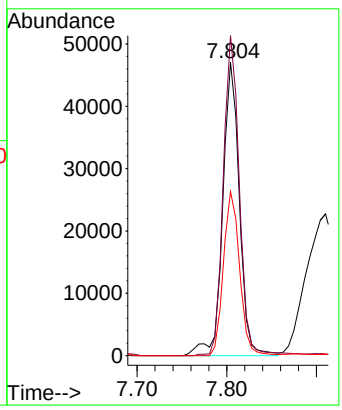


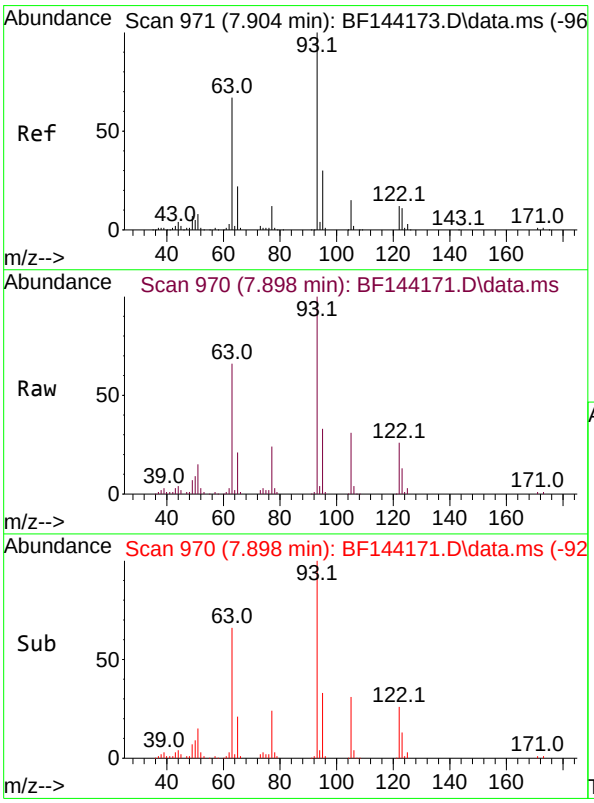

#27
2,4-Dimethylphenol
Concen: 9.956 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:122 Resp: 60896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.2 | 86.2 | 129.4 |
| 121 | 56.0 | 44.6 | 66.8 |

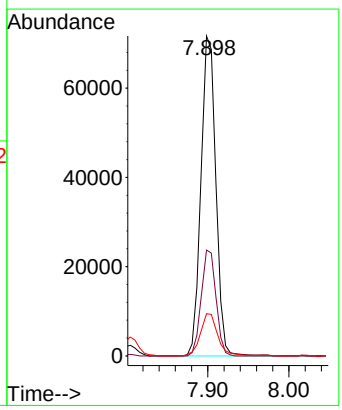


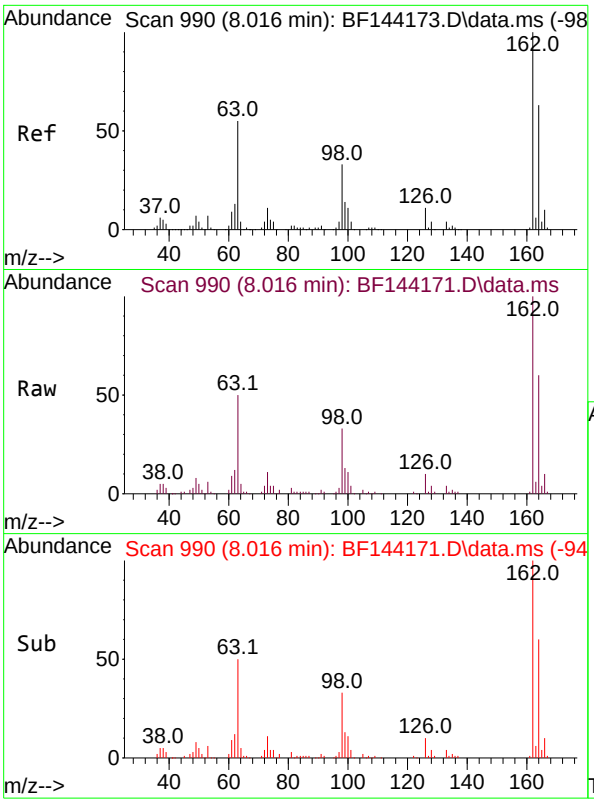




#28
bis(2-Chloroethoxy)methane
Concen: 10.202 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 93 Resp: 91497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 24.2 | 36.4 |
| 123 | 13.2 | 9.0 | 13.4 |



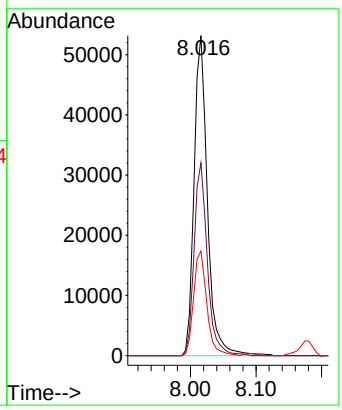


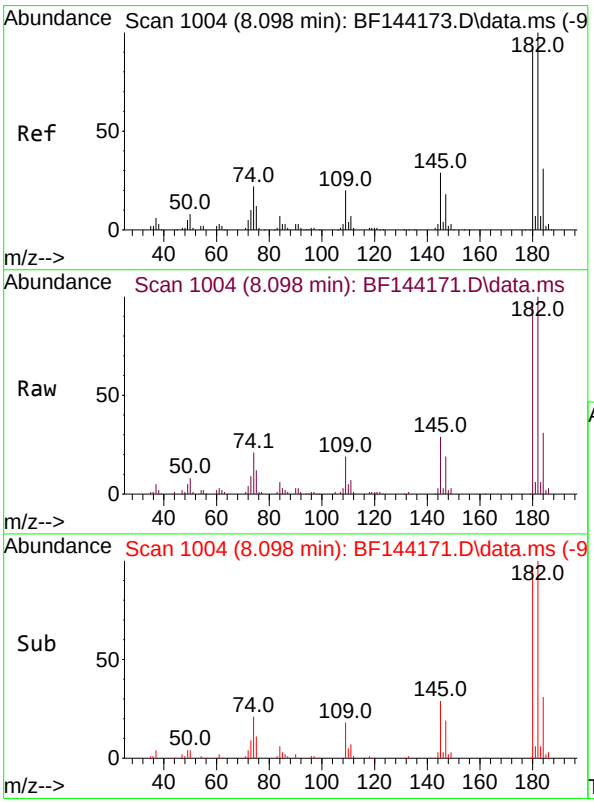

#29
2,4-Dichlorophenol
Concen: 10.643 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 75032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.2 | 42.9 | 82.9 |
| 98 | 32.7 | 13.3 | 53.3 |

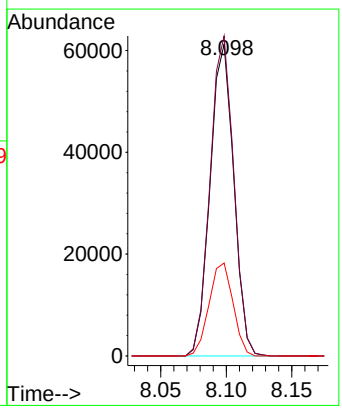


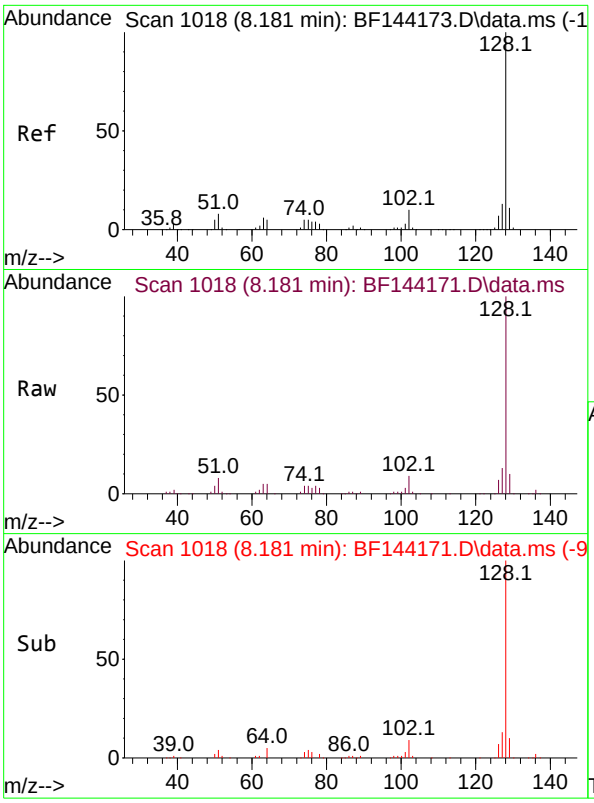




#30
1,2,4-Trichlorobenzene
Concen: 10.585 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:180 Resp: 76623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 102.7 | 87.7 | 131.5 |
| 145 | 29.8 | 25.4 | 38.0 |



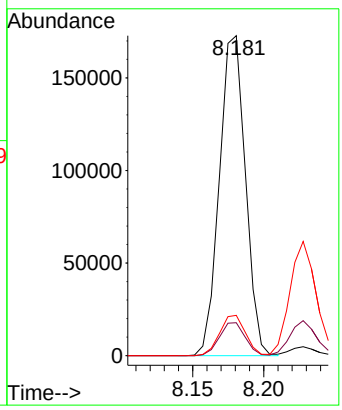


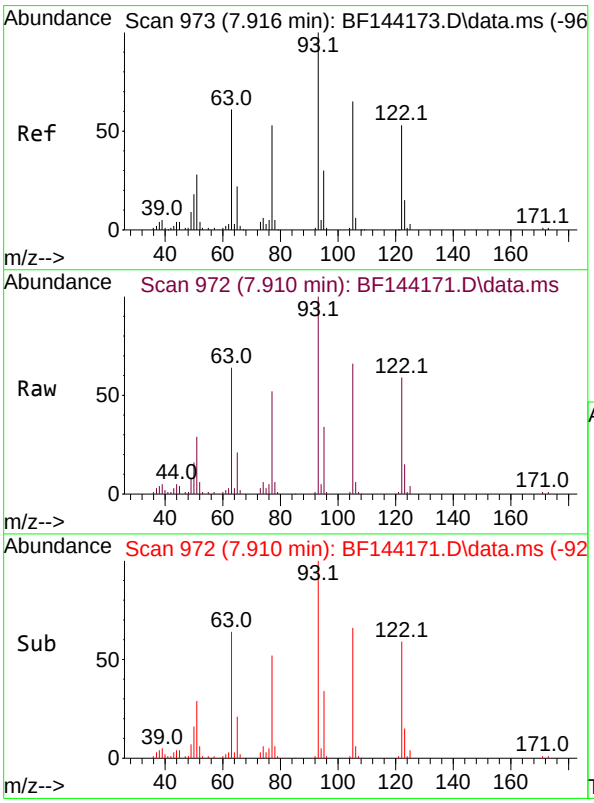

#31
Naphthalene
Concen: 10.590 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:128 Resp: 220903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.3 | 8.9 | 13.3 |
| 127 | 12.6 | 10.3 | 15.5 |

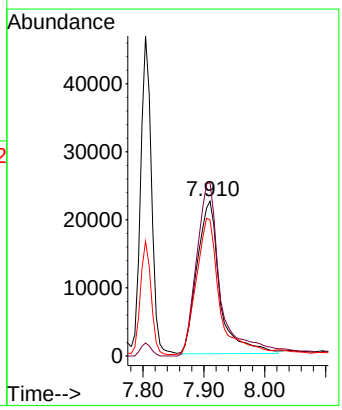


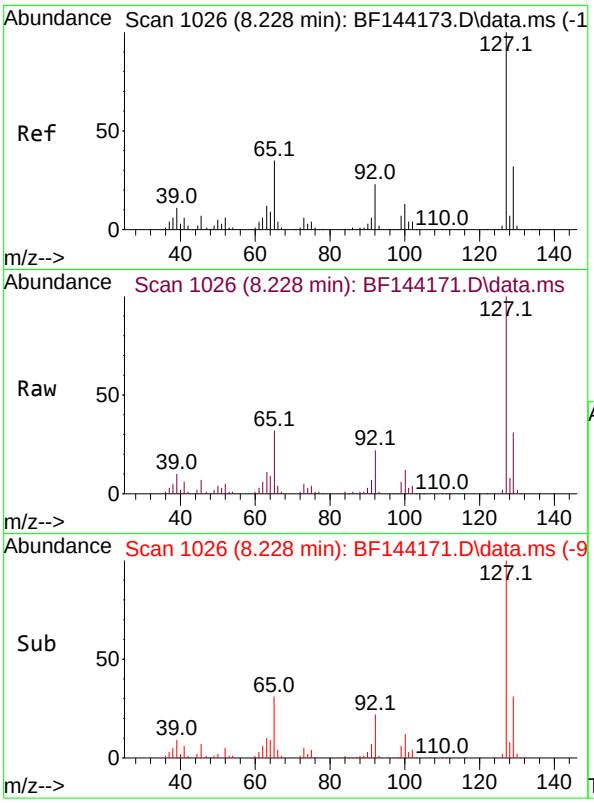




#32
Benzoic acid
Concen: 13.120 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.041 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:122 Resp: 58822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 112.1 | 99.9 | 139.9 |
| 77 | 88.0 | 77.5 | 117.5 |



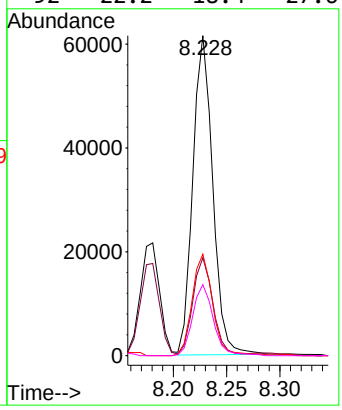


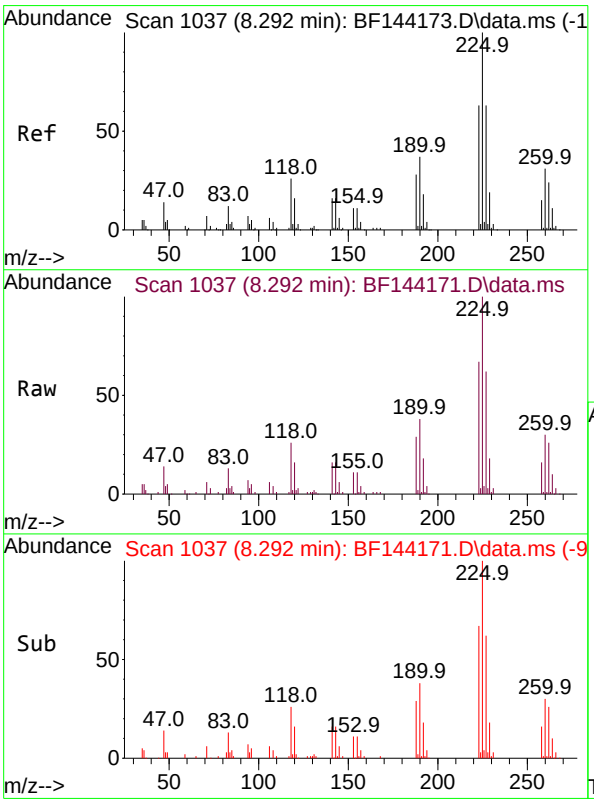

#33
4-Chloroaniline
Concen: 10.476 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:127 Resp: 79703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.6 | 25.3 | 37.9 |
| 65 | 31.7 | 27.6 | 41.4 |
| 92 | 22.2 | 18.4 | 27.6 |

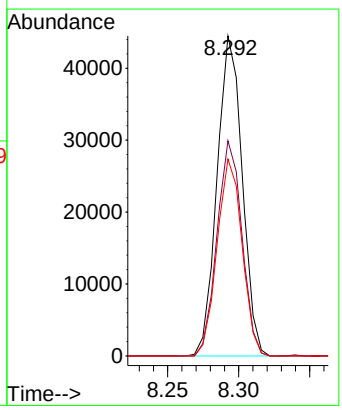


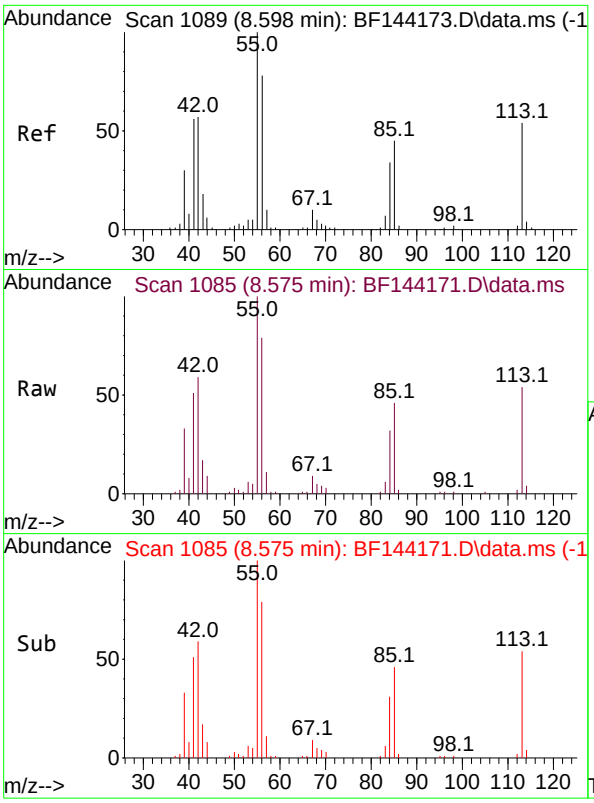




#34
Hexachlorobutadiene
Concen: 10.054 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:225 Resp: 54849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 67.2 | 50.2 | 75.4 |
| 227 | 61.5 | 50.1 | 75.1 |



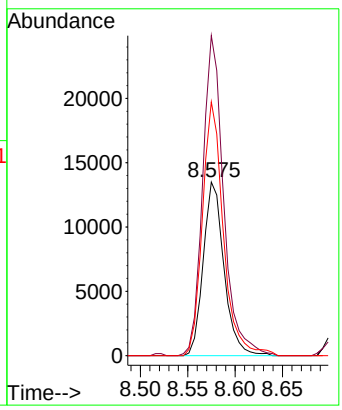


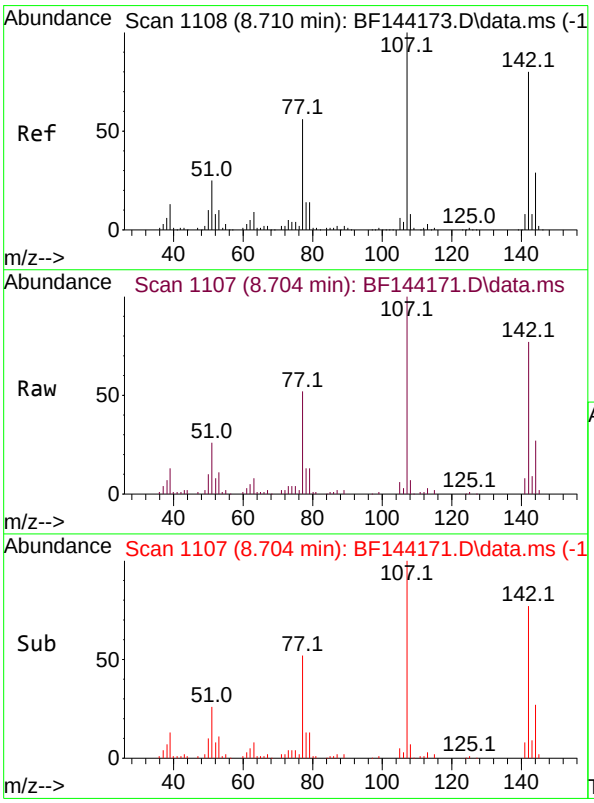

#35
Caprolactam
Concen: 10.645 ng
RT: 8.575 min Scan# 10
Delta R.T. -0.047 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:113 Resp: 20560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 184.5 | 166.8 | 206.8 |
| 56 | 146.2 | 125.9 | 165.9 |

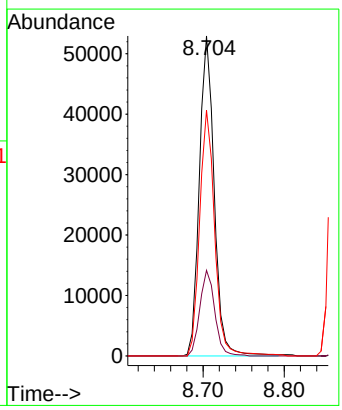


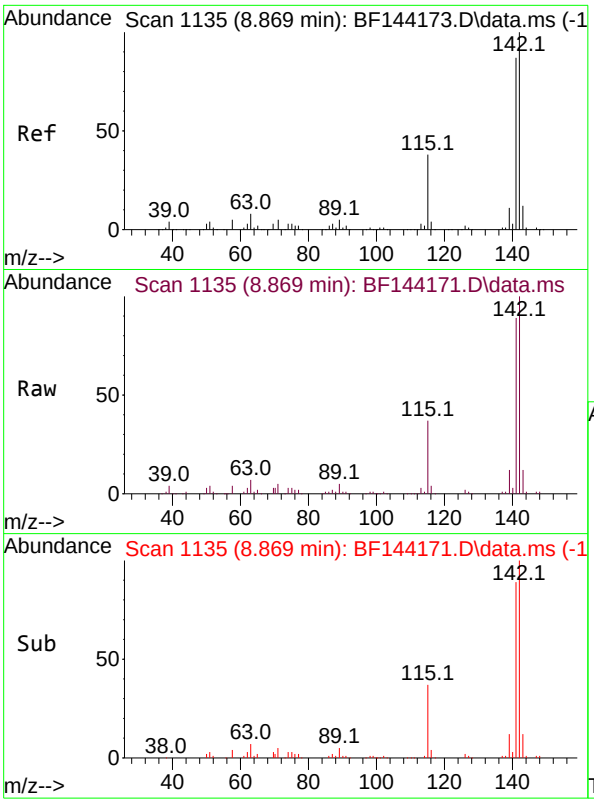




#36
4-Chloro-3-methylphenol
Concen: 10.641 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 67228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.7 | 23.3 | 34.9 |
| 142 | 76.8 | 63.8 | 95.6 |



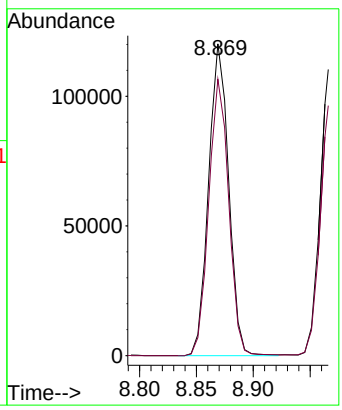


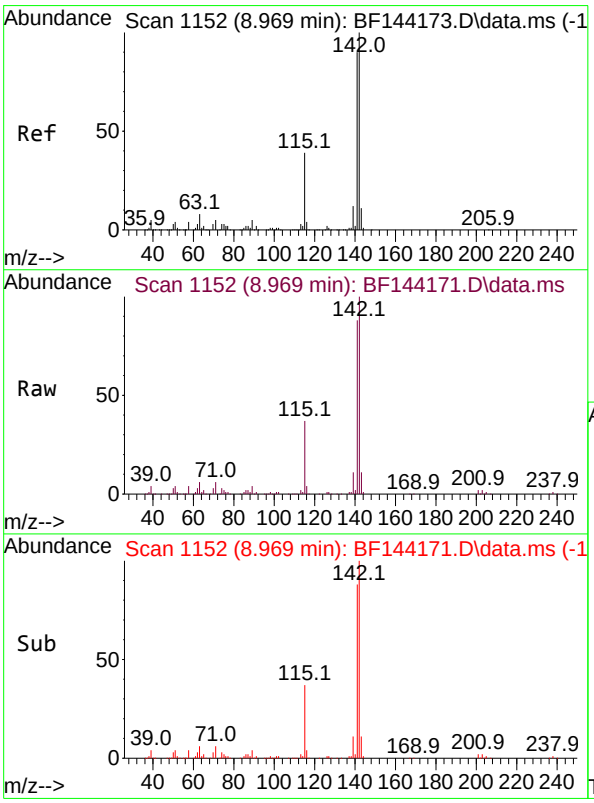

#37
2-Methylnaphthalene
Concen: 10.571 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:142 Resp: 147427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 69.9 | 104.9 |

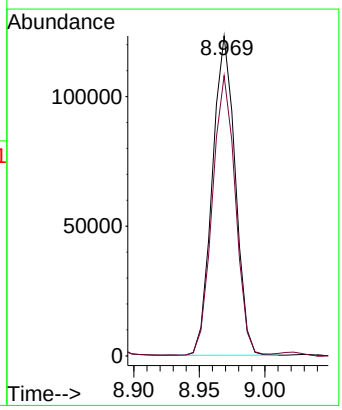


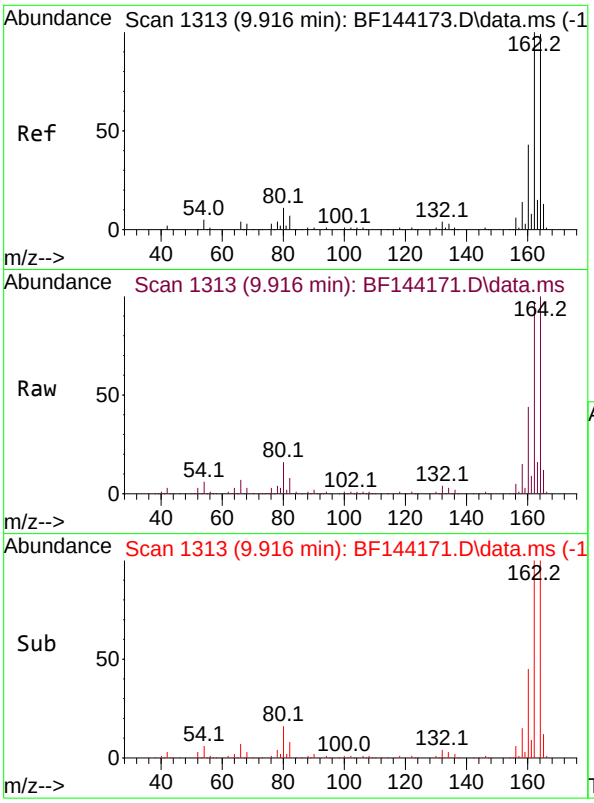




#38
1-Methylnaphthalene
Concen: 11.093 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:142 Resp: 149280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 72.1 | 108.1 |



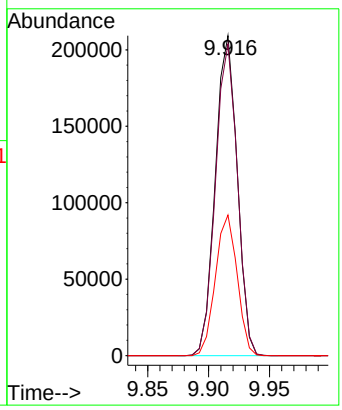


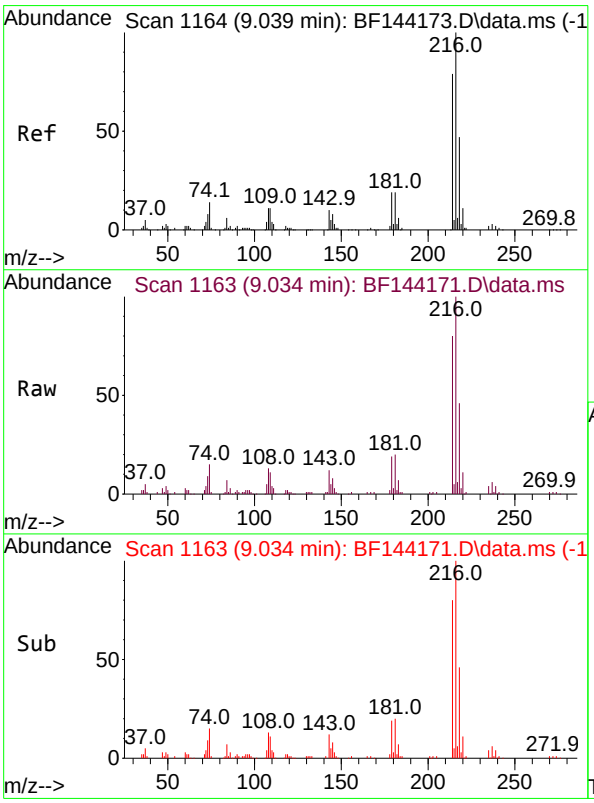

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:164 Resp: 261107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.4 | 81.1 | 121.7 |
| 160 | 43.9 | 34.5 | 51.7 |

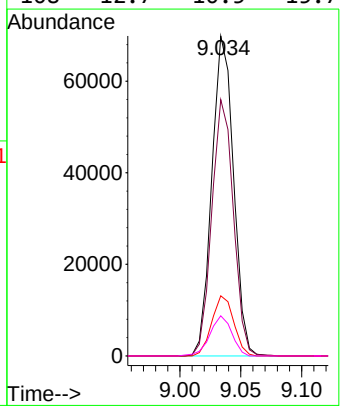


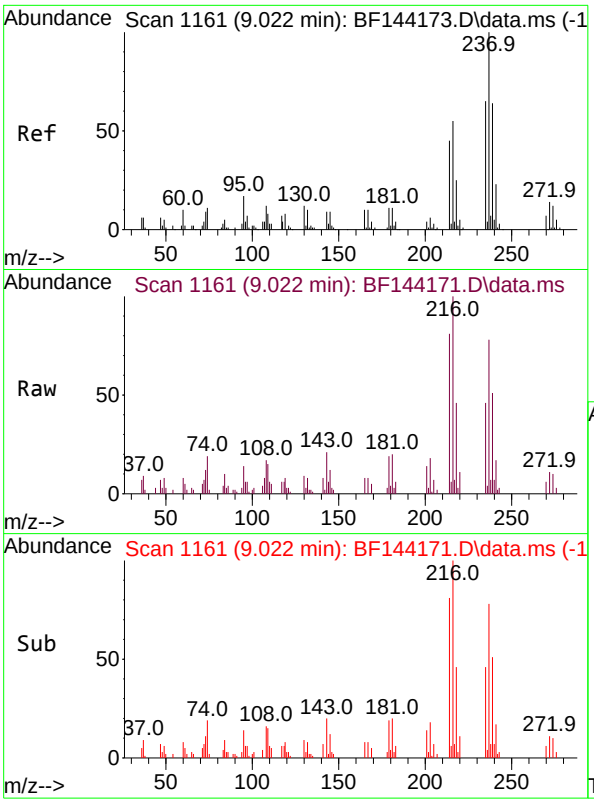




#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.098 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:216 Resp: 86408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.8 | 63.4 | 95.2 |
| 179 | 19.0 | 15.0 | 22.4 |
| 108 | 12.7 | 10.5 | 15.7 |



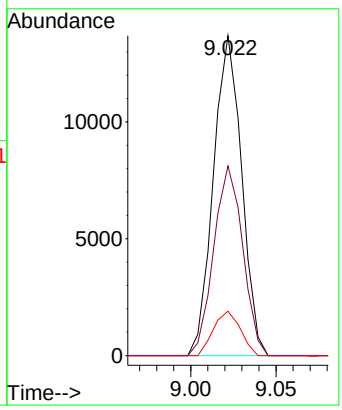


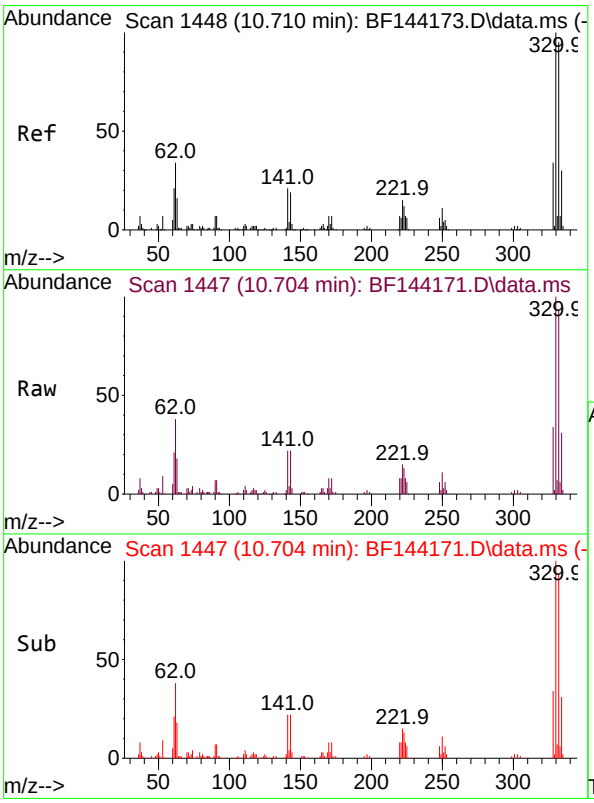

#41
Hexachlorocyclopentadiene
Concen: 10.609 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:237 Resp: 15765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 59.3 | 45.5 | 85.5 |
| 272 | 13.9 | 0.0 | 33.5 |

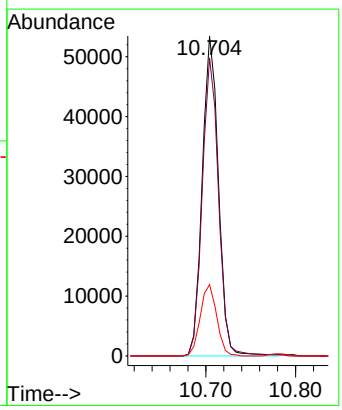


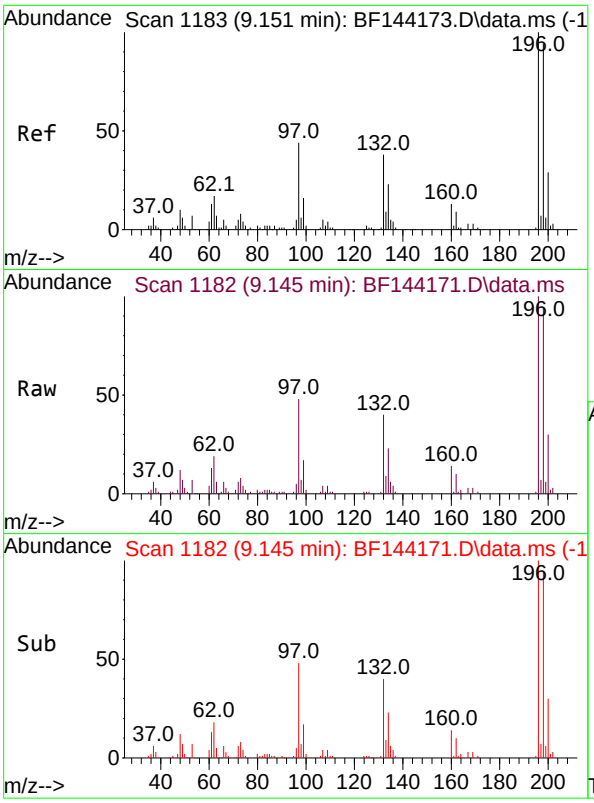




#42
2,4,6-Tribromophenol
Concen: 20.442 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:330 Resp: 66981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.9 | 76.7 | 115.1 |
| 141 | 22.6 | 17.8 | 26.8 |



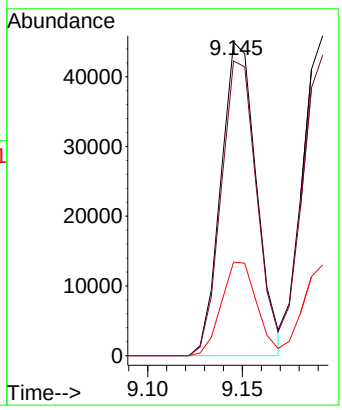


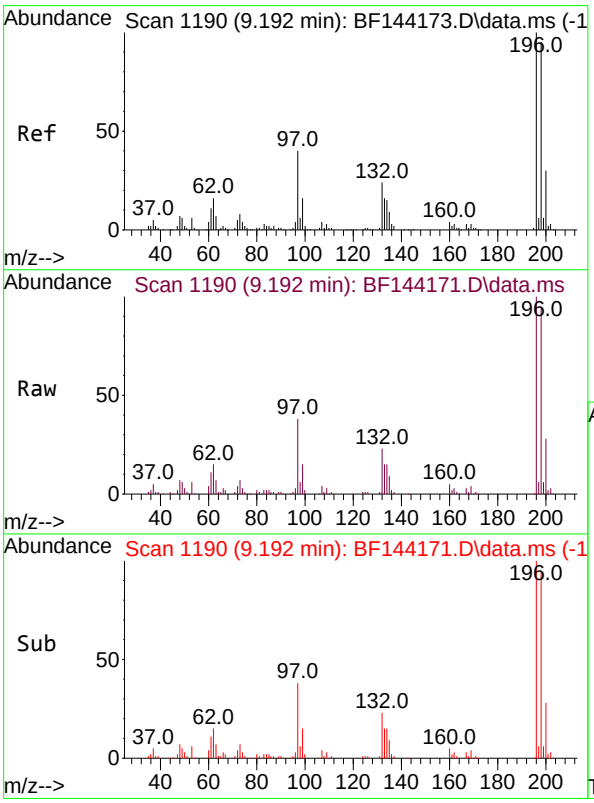

#43
2,4,6-Trichlorophenol
Concen: 10.054 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:196 Resp: 58560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.0 | 75.3 | 112.9 |
| 200 | 29.8 | 23.4 | 35.2 |

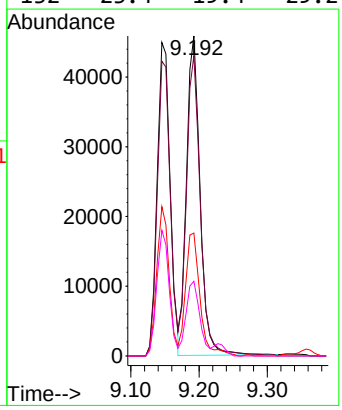


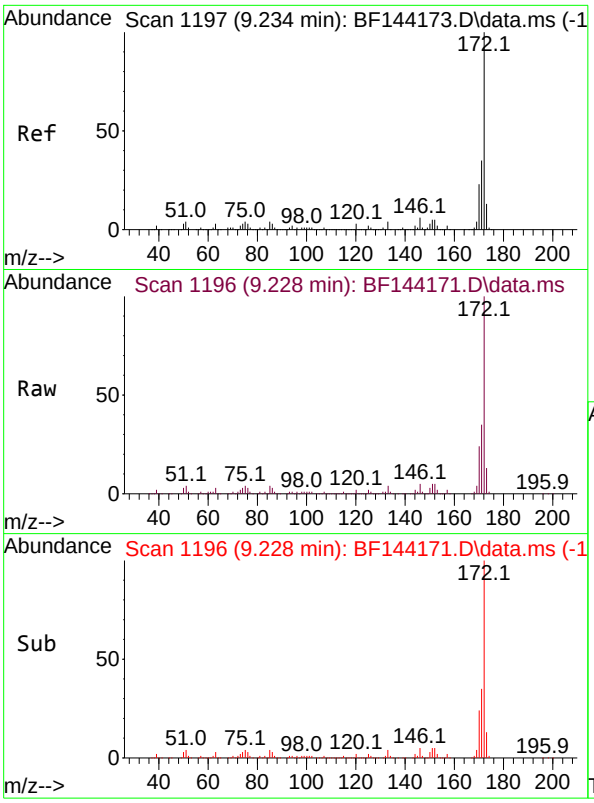




#44
2,4,5-Trichlorophenol
Concen: 10.160 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 63779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.9 | 76.1 | 114.1 |
| 97 | 38.4 | 31.9 | 47.9 |
| 132 | 23.4 | 19.4 | 29.2 |



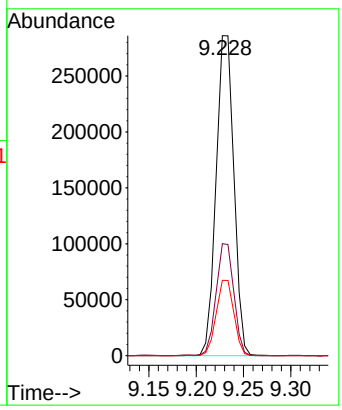


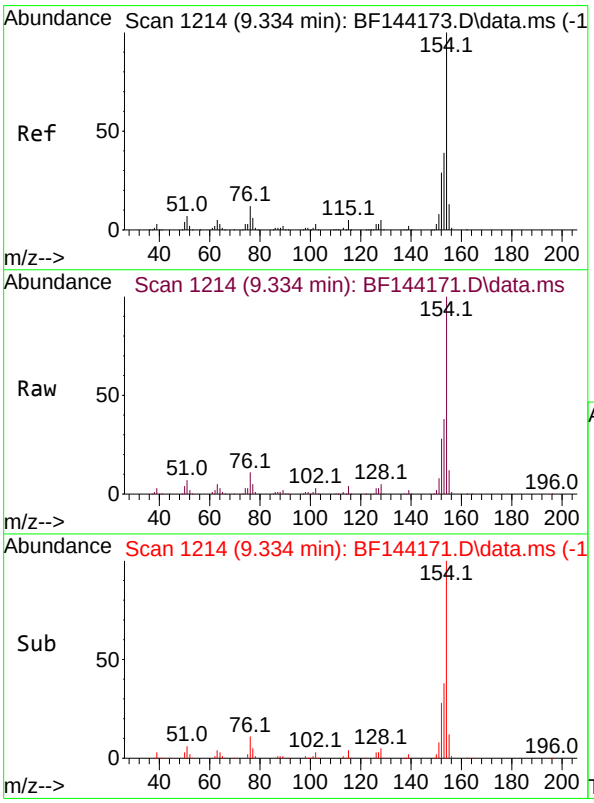

#45
2-Fluorobiphenyl
Concen: 21.090 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:172 Resp: 372845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 28.1 | 42.1 |
| 170 | 23.5 | 18.6 | 28.0 |

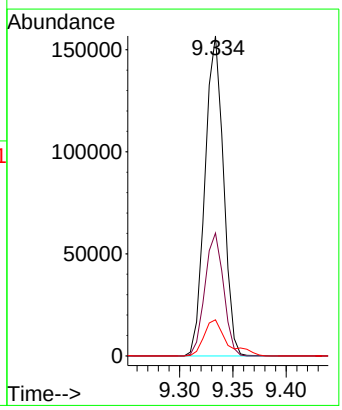


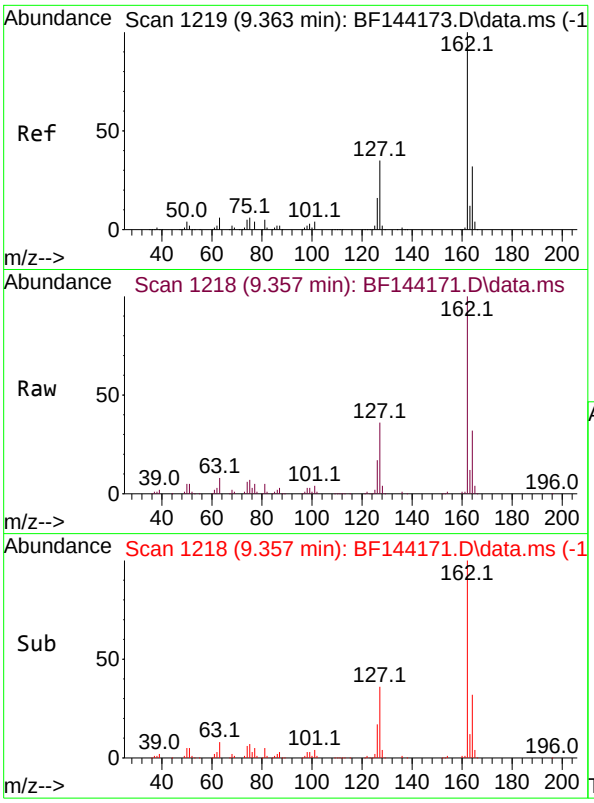




#46
1,1'-Biphenyl
Concen: 10.355 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:154 Resp: 188739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.4 | 19.2 | 59.2 |
| 76 | 11.3 | 0.0 | 31.8 |



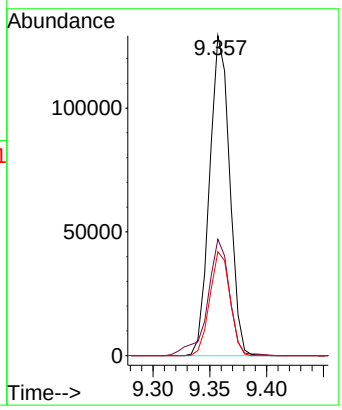


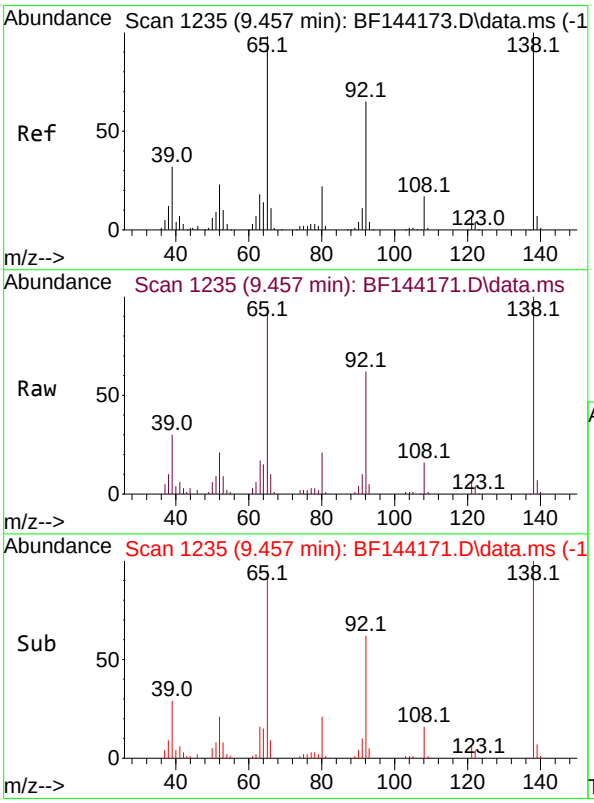

#47
2-Chloronaphthalene
Concen: 10.211 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 158745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.4 | 28.8 | 43.2 |
| 164 | 32.5 | 25.8 | 38.8 |

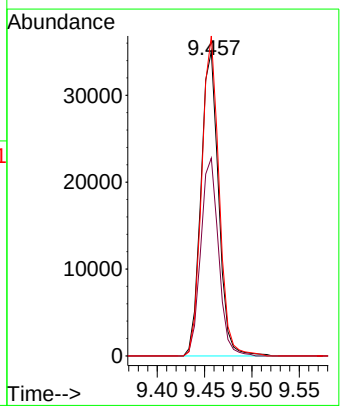


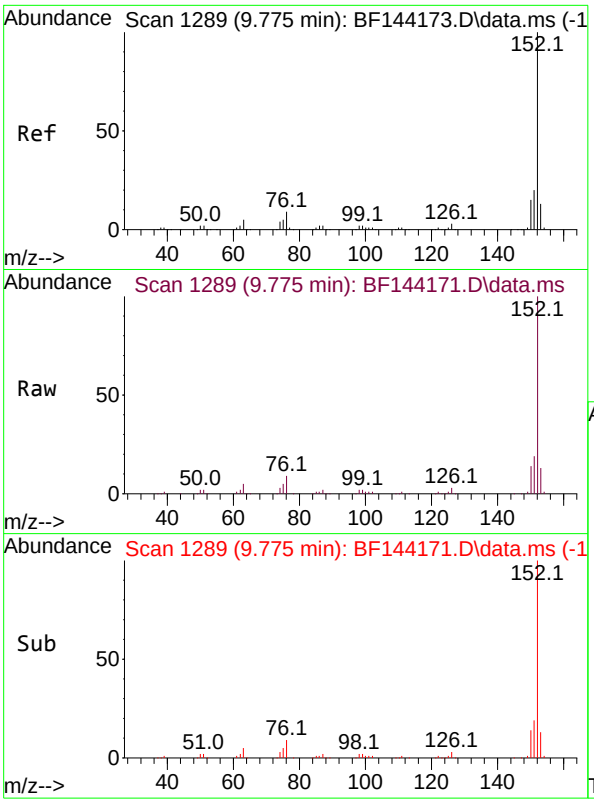




#48
2-Nitroaniline
Concen: 10.104 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 65 Resp: 45323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.0 | 53.0 | 79.6 |
| 138 | 105.1 | 81.6 | 122.4 |



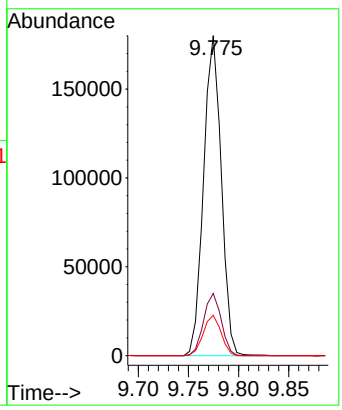


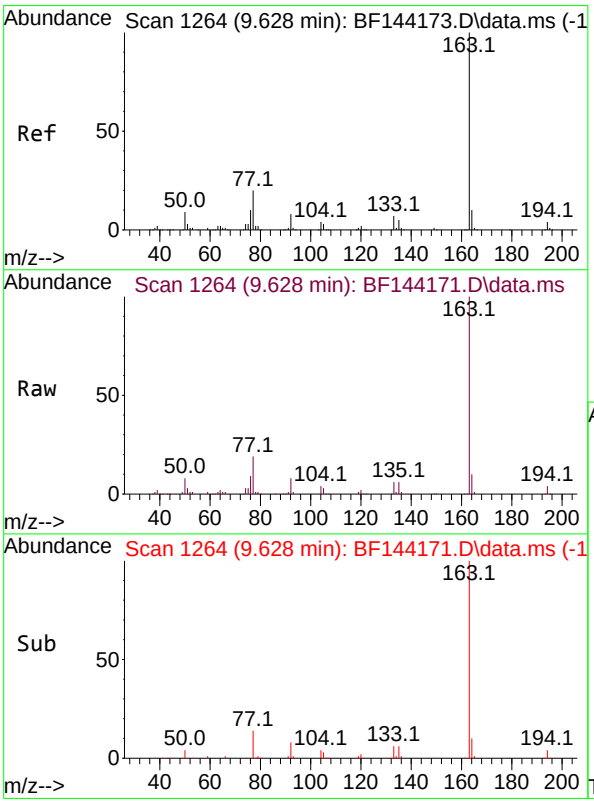

#49
Acenaphthylene
Concen: 10.390 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 220118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.9 | 23.9 |
| 153 | 12.6 | 10.5 | 15.7 |

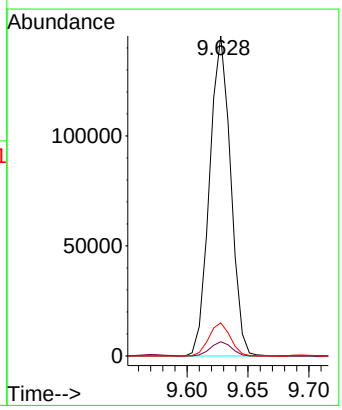


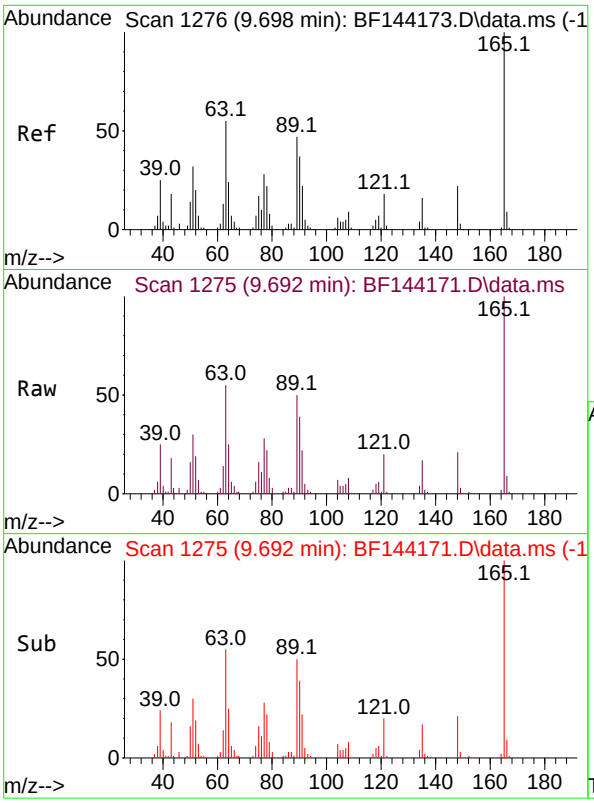




#50
Dimethylphthalate
Concen: 10.133 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:163 Resp: 175284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.3 | 4.9 |
| 164 | 10.3 | 8.1 | 12.1 |



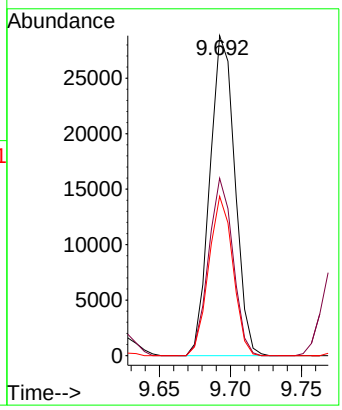


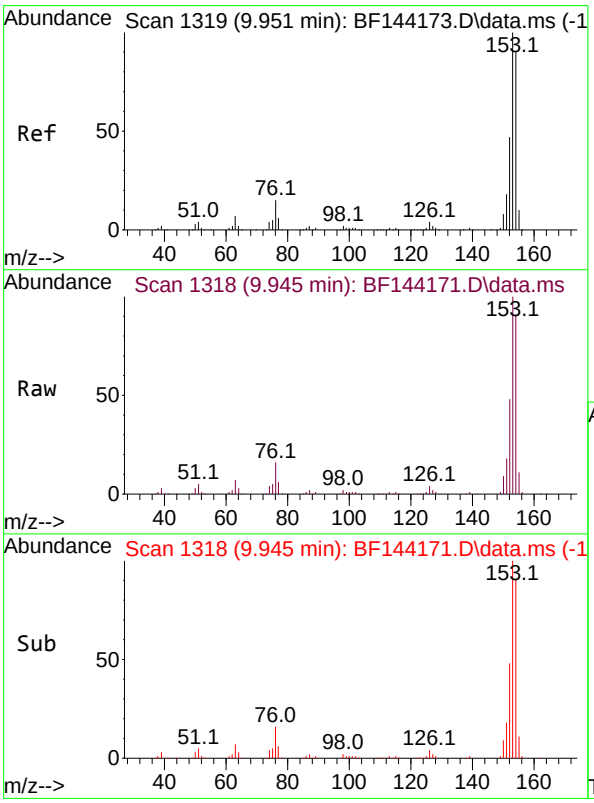

#51
2,6-Dinitrotoluene
Concen: 10.119 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 35433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 55.4 | 43.8 | 65.8 |
| 89 | 49.8 | 37.5 | 56.3 |

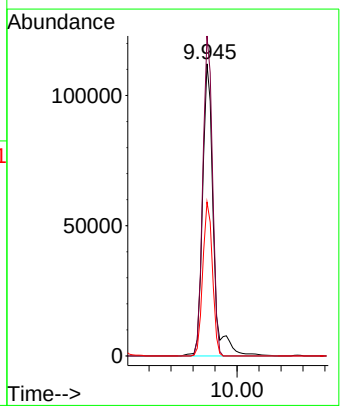


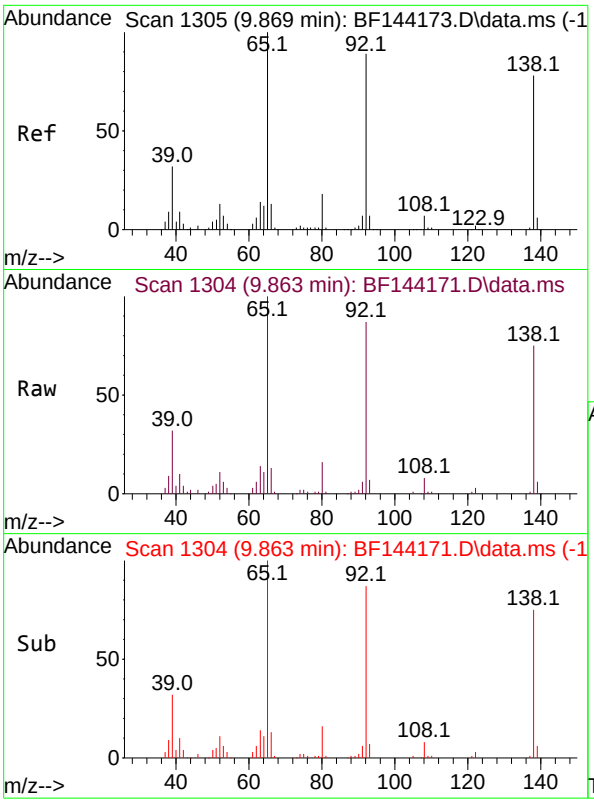




#52
Acenaphthene
Concen: 10.705 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:154 Resp: 151661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.5 | 89.0 | 133.4 |
| 152 | 52.7 | 42.2 | 63.4 |



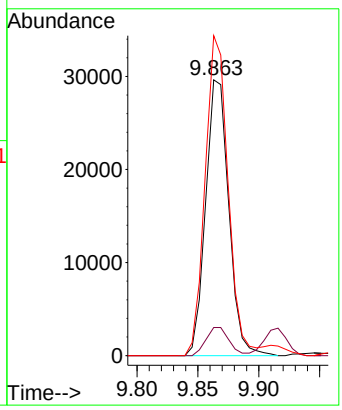


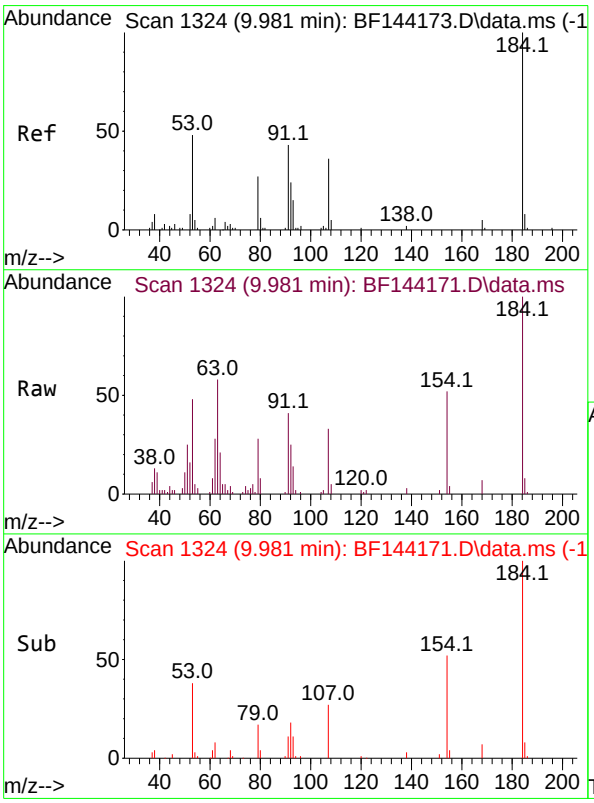

#53
3-Nitroaniline
Concen: 10.259 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:138 Resp: 39270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.2 | 7.5 | 11.3 |
| 92 | 116.1 | 91.8 | 137.6 |

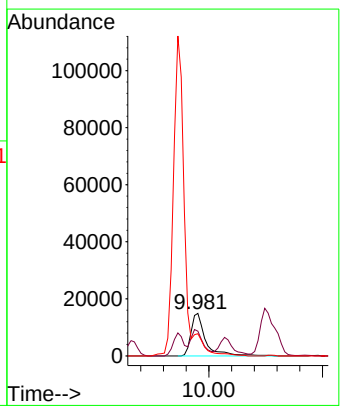


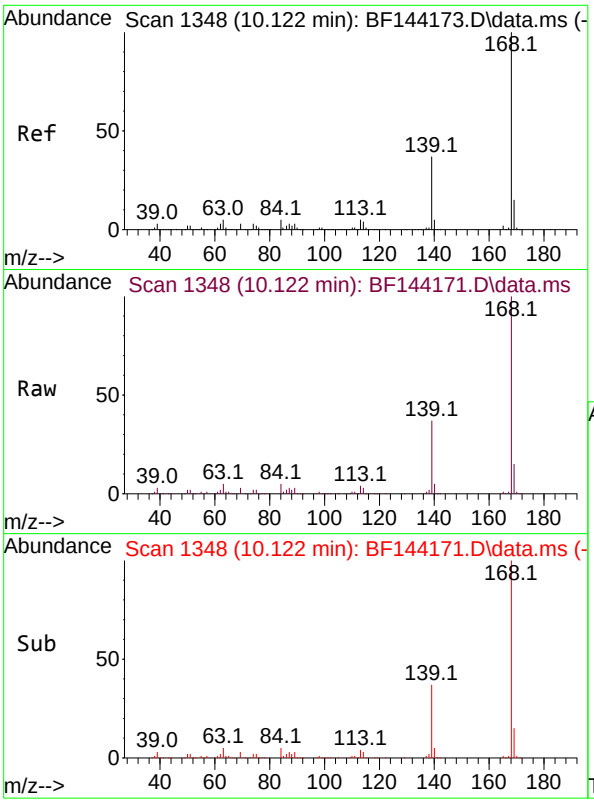




#54
2,4-Dinitrophenol
Concen: 12.447 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:184 Resp: 26319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 58.3 | 44.0 | 66.0 |
| 154 | 51.9 | 42.4 | 63.6 |



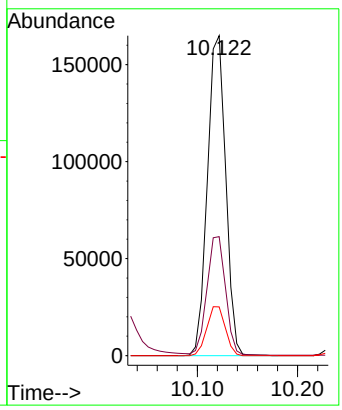


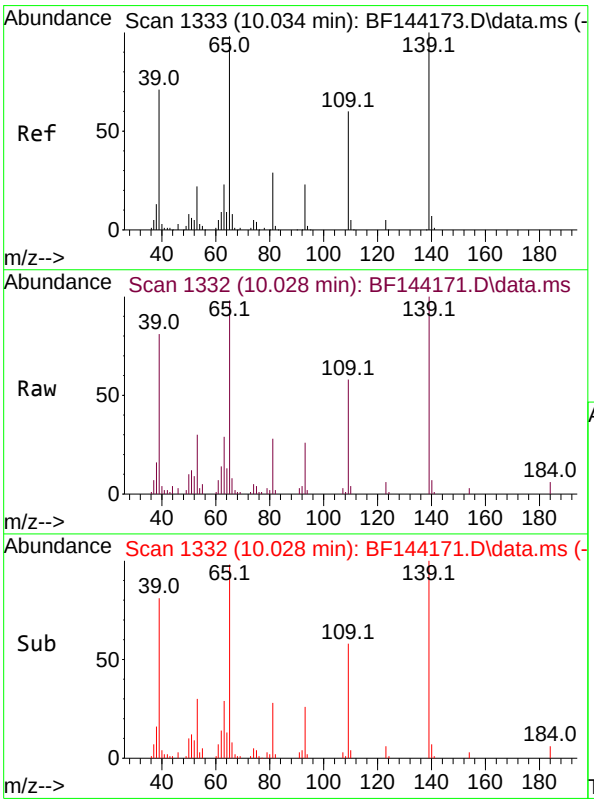

#55
Dibenzofuran
Concen: 10.530 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:168 Resp: 208943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.2 | 30.2 | 45.2 |
| 169 | 15.2 | 12.2 | 18.4 |

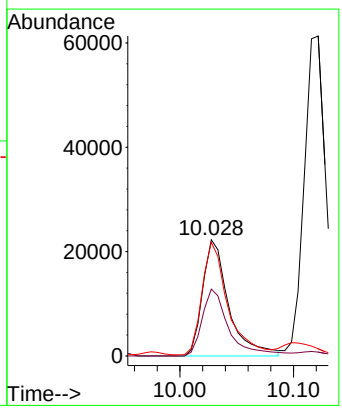


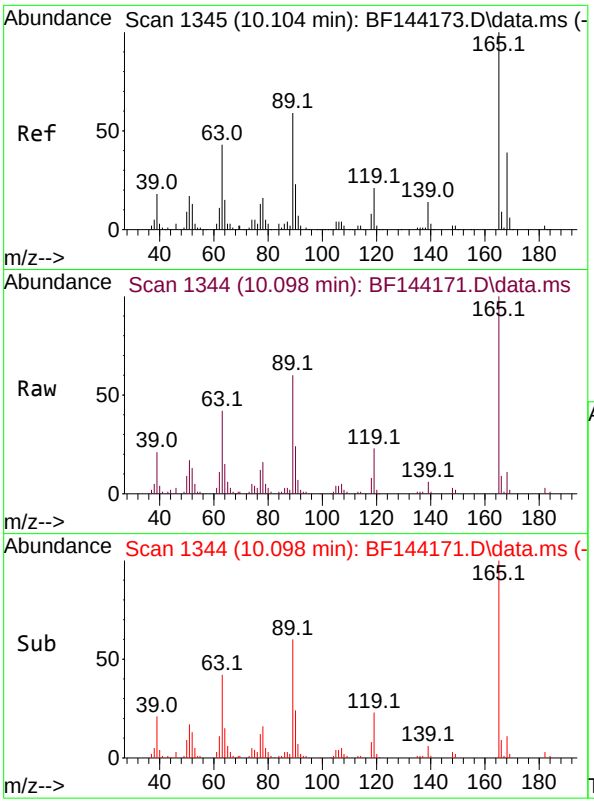




#56
4-Nitrophenol
Concen: 12.867 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:139 Resp: 35627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 57.6 | 39.9 | 79.9 |
| 65 | 98.0 | 79.5 | 119.5 |



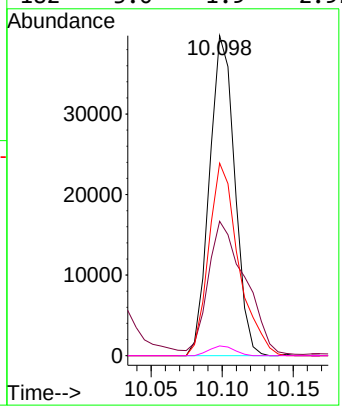


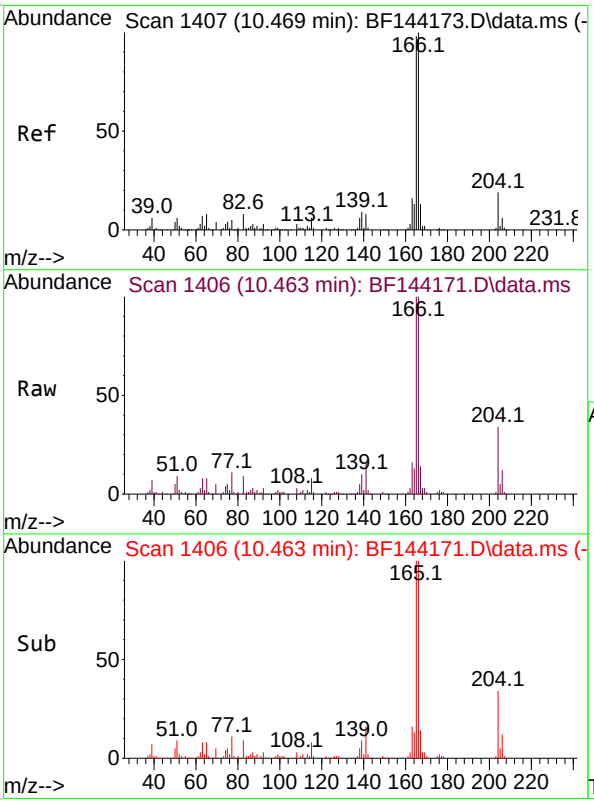

#57
2,4-Dinitrotoluene
Concen: 10.508 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 49257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.0 | 35.5 | 53.3 |
| 89 | 60.1 | 47.4 | 71.2 |
| 182 | 3.0 | 1.9 | 2.9# |

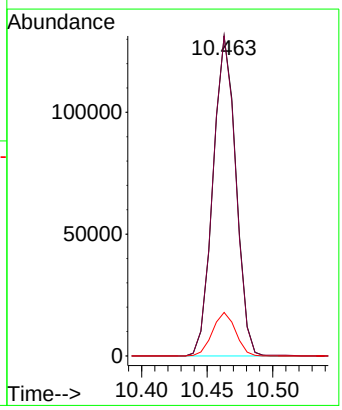


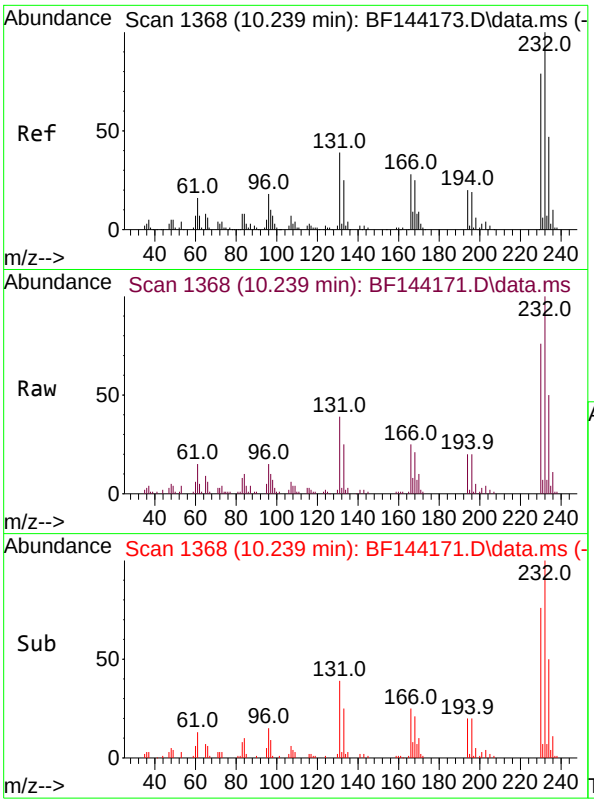




#58
Fluorene
Concen: 10.581 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:166 Resp: 159623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.9 | 78.6 | 118.0 |
| 167 | 13.6 | 10.4 | 15.6 |



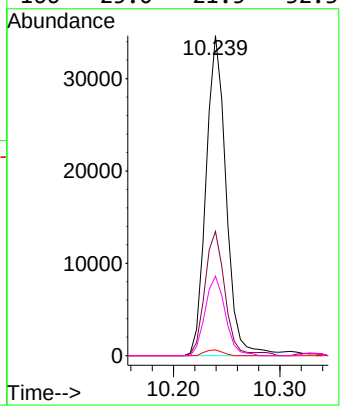


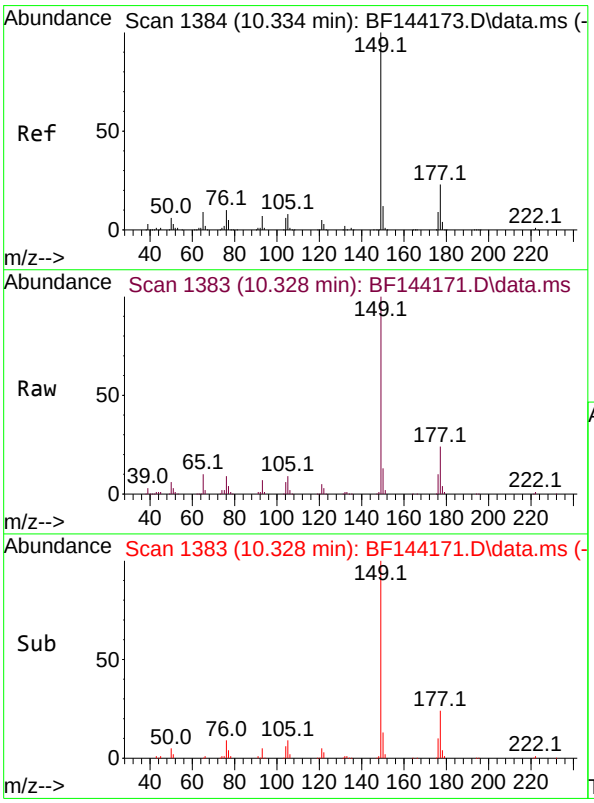

#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:232 Resp: 45333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 39.1 | 30.3 | 45.5 |
| 130 | 1.6 | 1.2 | 1.8 |
| 166 | 25.0 | 21.5 | 32.3 |

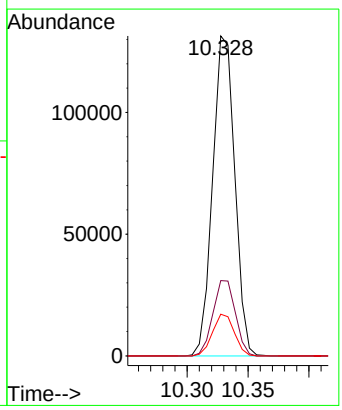


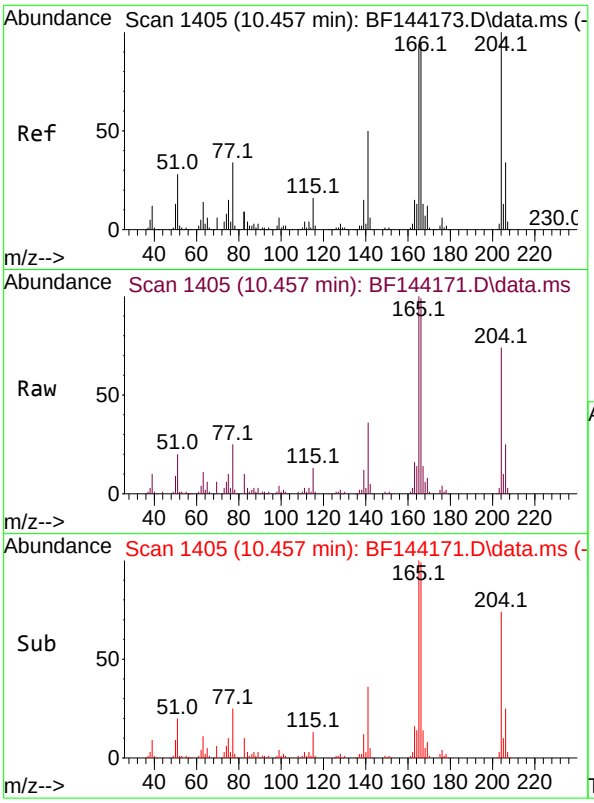




#60
Diethylphthalate
Concen: 10.426 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 166246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.5 | 18.3 | 27.5 |
| 150 | 13.0 | 9.8 | 14.6 |



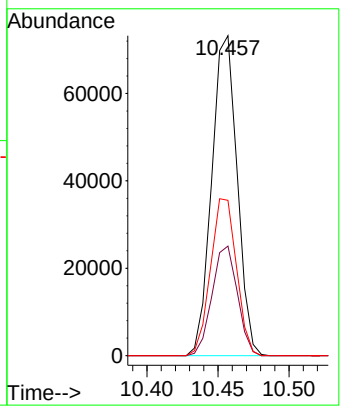


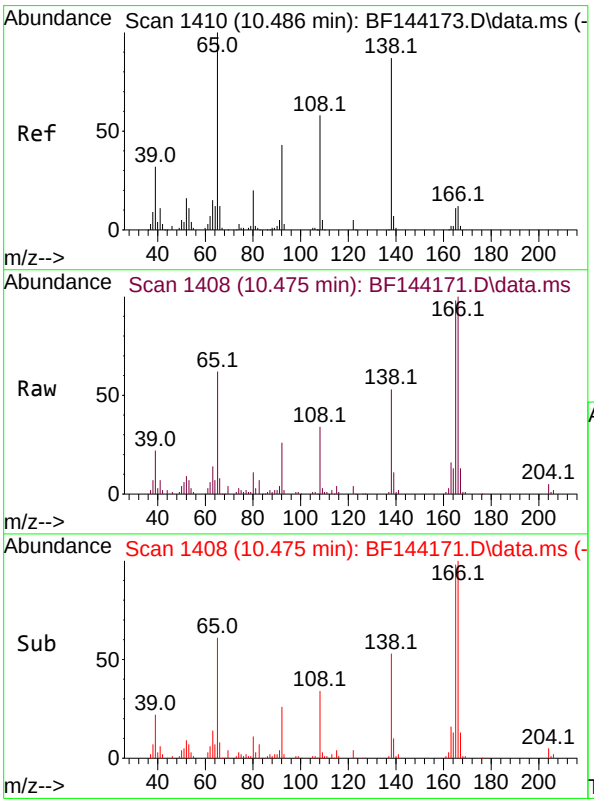

#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:204 Resp: 91478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.2 | 27.4 | 41.2 |
| 141 | 48.5 | 40.0 | 60.0 |

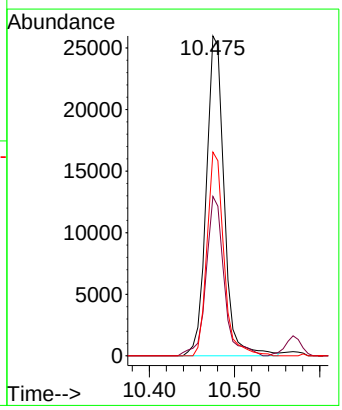


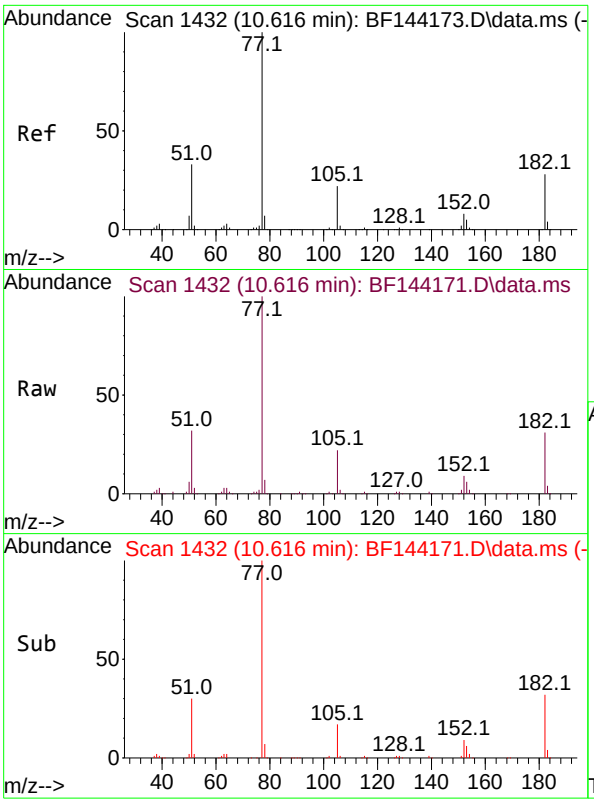




#62
4-Nitroaniline
Concen: 10.375 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:138 Resp: 37821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.8 | 29.4 | 69.4 |
| 108 | 63.7 | 46.4 | 86.4 |



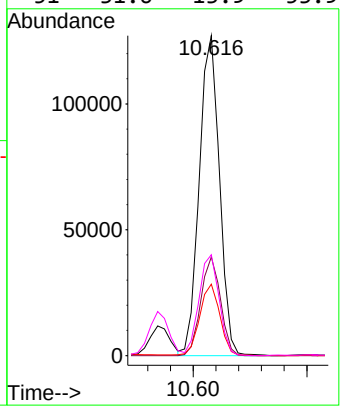


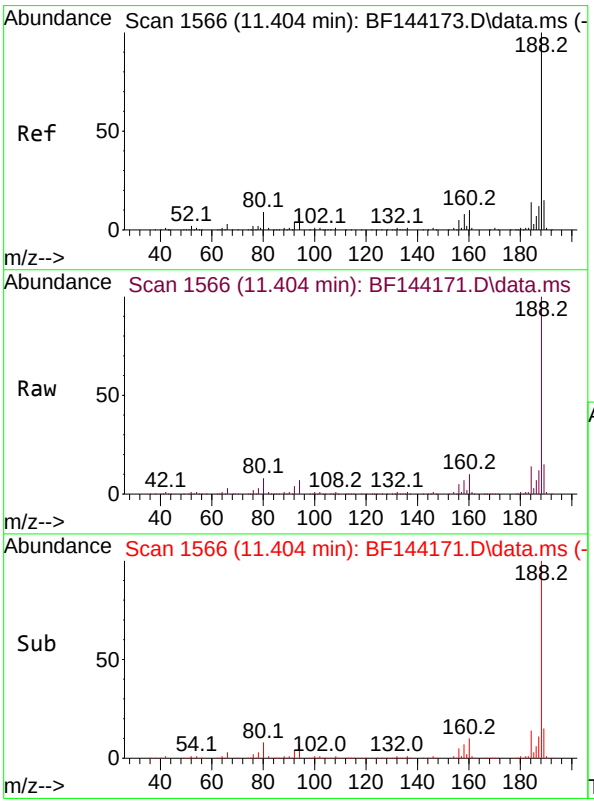

#63
Azobenzene
Concen: 10.586 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 157098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.8 | 8.1 | 48.1 |
| 105 | 22.3 | 2.0 | 42.0 |
| 51 | 31.6 | 13.9 | 53.9 |

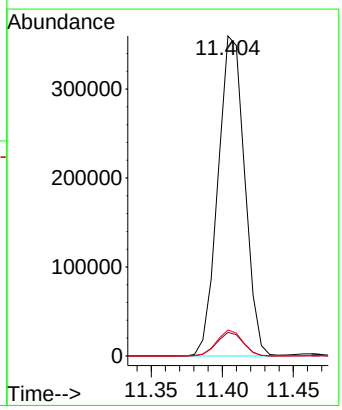


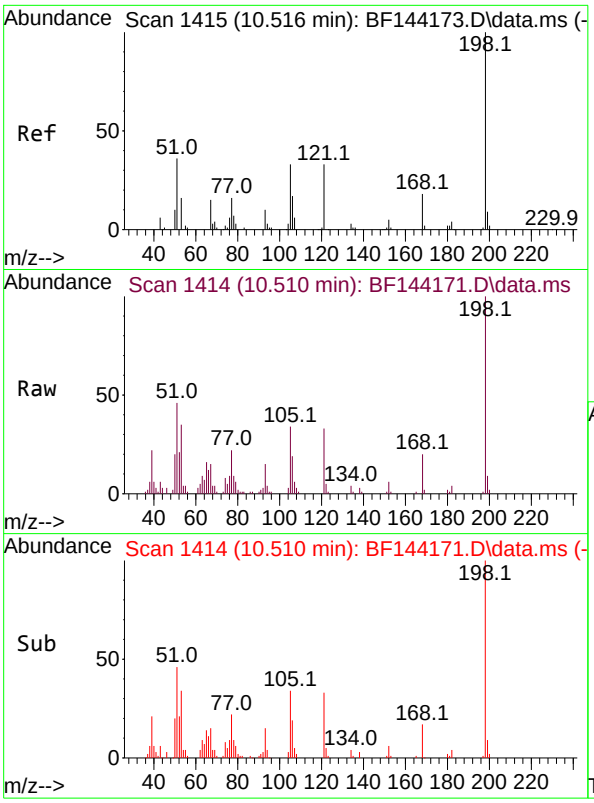




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:188 Resp: 469428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 6.2 | 9.2 |
| 80 | 8.1 | 6.9 | 10.3 |



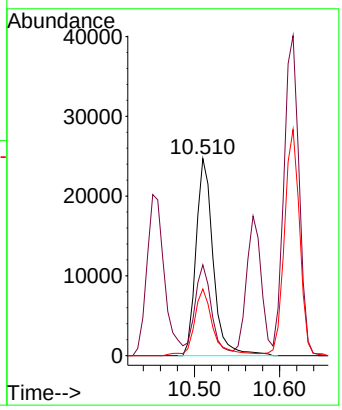


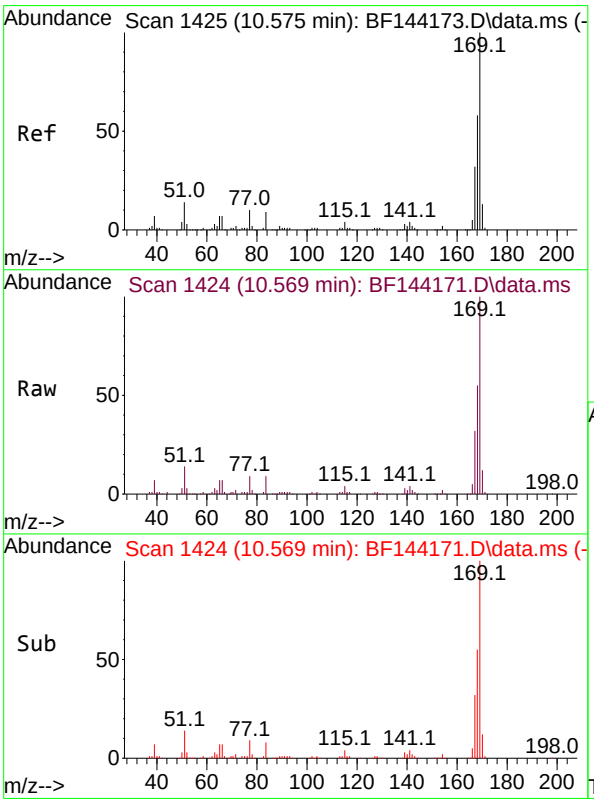

#65
4,6-Dinitro-2-methylphenol
Concen: 10.823 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:198 Resp: 34516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 46.1 | 25.6 | 65.6 |
| 105 | 33.8 | 14.6 | 54.6 |

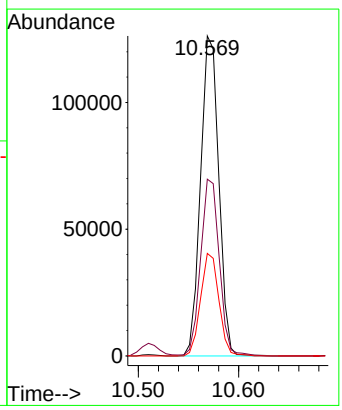


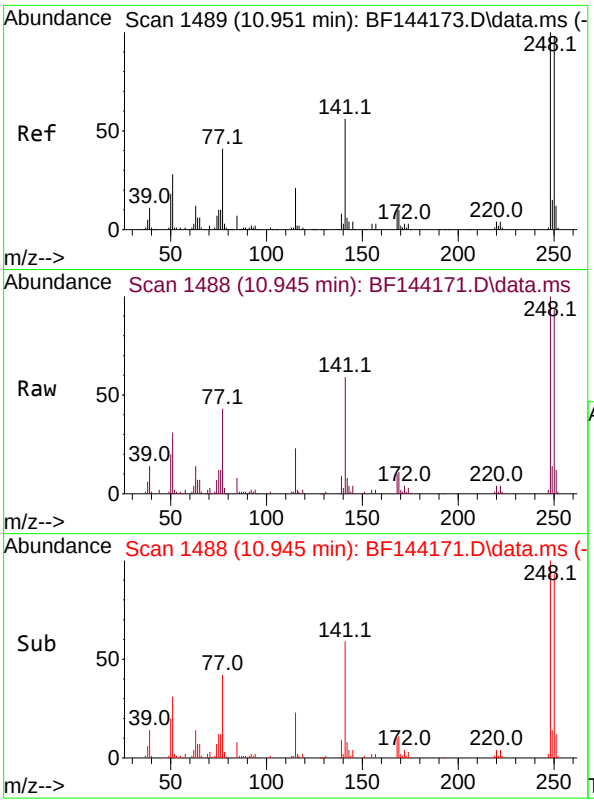




#66
n-Nitrosodiphenylamine
Concen: 10.509 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:169 Resp: 158661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 55.2 | 46.2 | 69.2 |
| 167 | 32.0 | 25.7 | 38.5 |



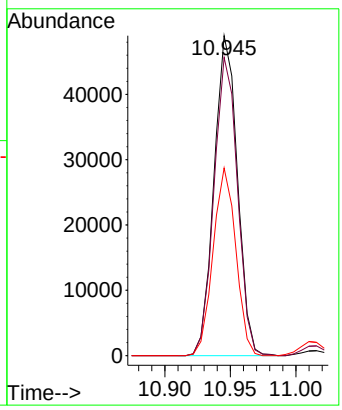


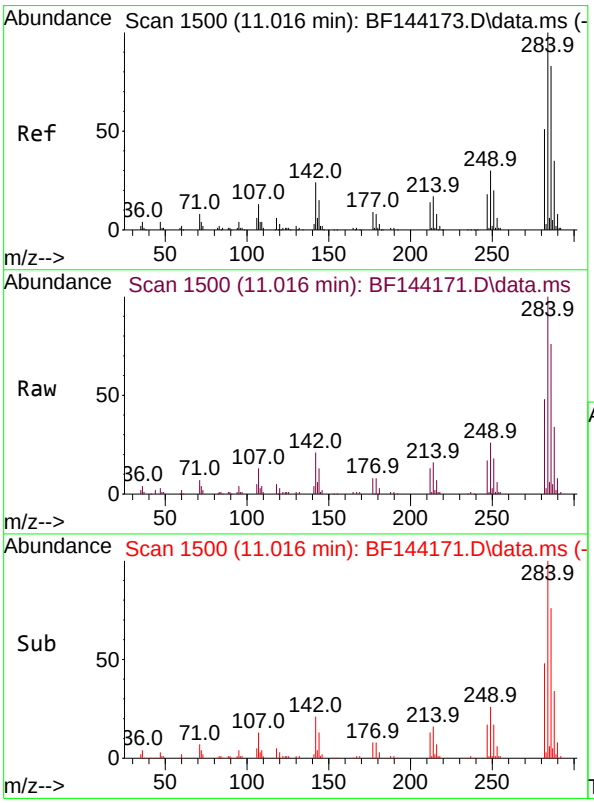

#67
4-Bromophenyl-phenylether
Concen: 10.169 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:248 Resp: 60929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 93.2 | 78.4 | 117.6 |
| 141 | 58.6 | 45.1 | 67.7 |

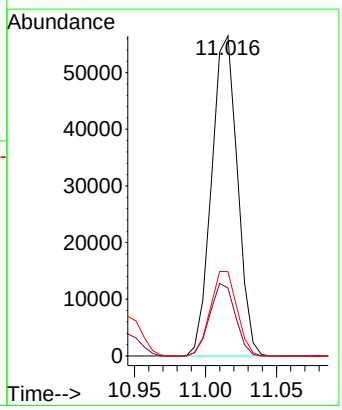


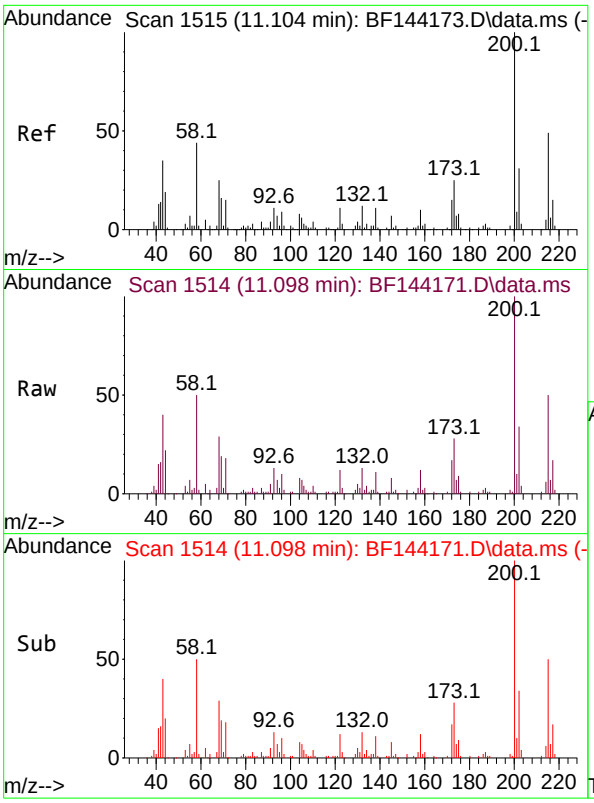




#68
Hexachlorobenzene
Concen: 10.168 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:284 Resp: 71759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 21.2 | 19.2 | 28.8 |
| 249 | 26.3 | 23.8 | 35.8 |



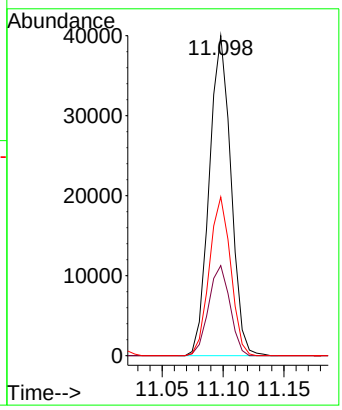


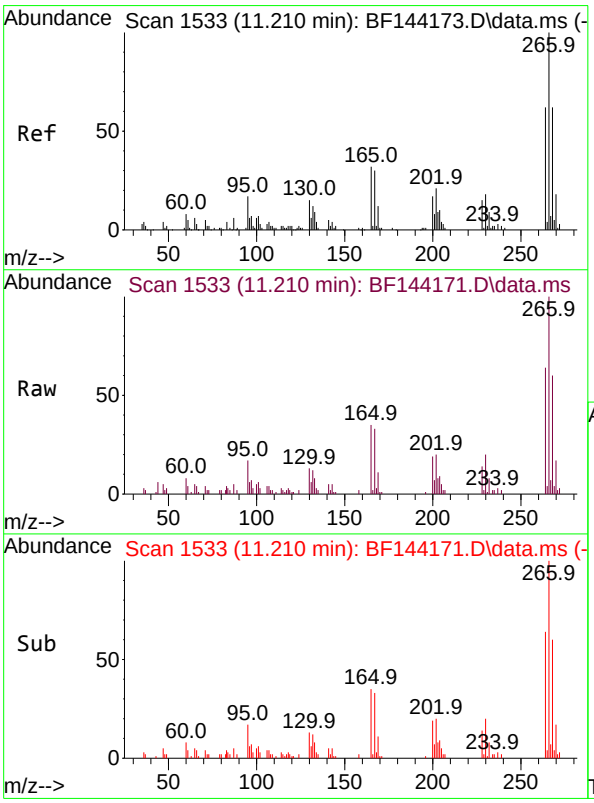

#69
Atrazine
Concen: 10.302 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:200 Resp: 49466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.1 | 5.0 | 45.0 |
| 215 | 49.6 | 28.7 | 68.7 |

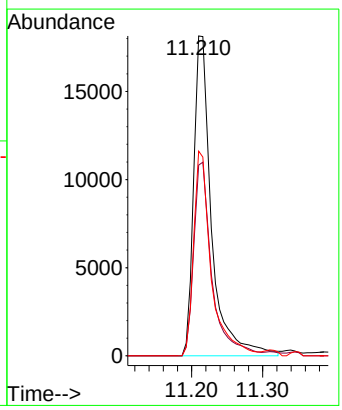


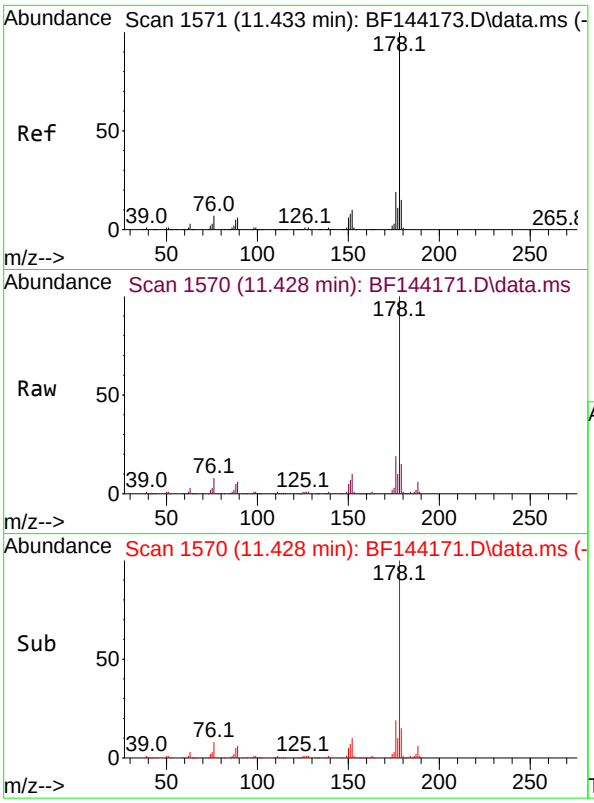




#70
Pentachlorophenol
Concen: 9.012 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:266 Resp: 31673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 59.6 | 49.5 | 74.3 |
| 264 | 64.0 | 49.4 | 74.2 |



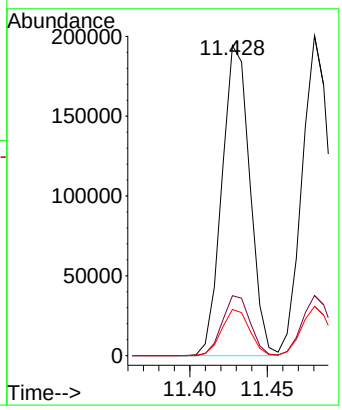


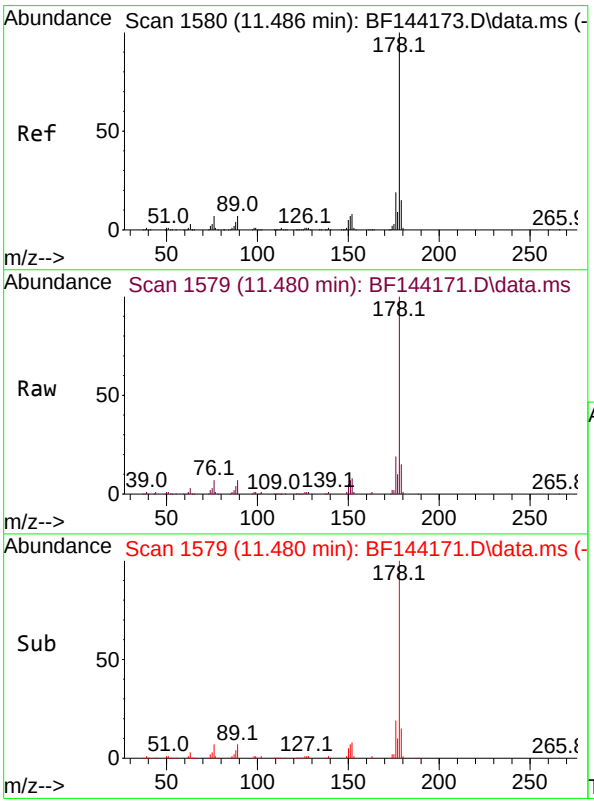

#71
Phenanthrene
Concen: 10.460 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:178 Resp: 244478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.5 | 23.3 |
| 179 | 14.9 | 12.2 | 18.4 |

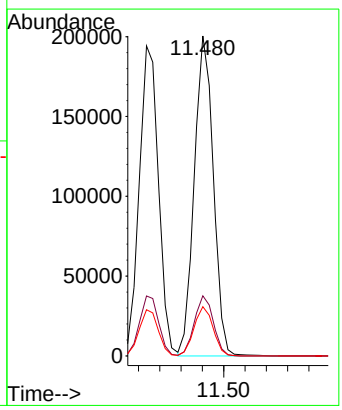


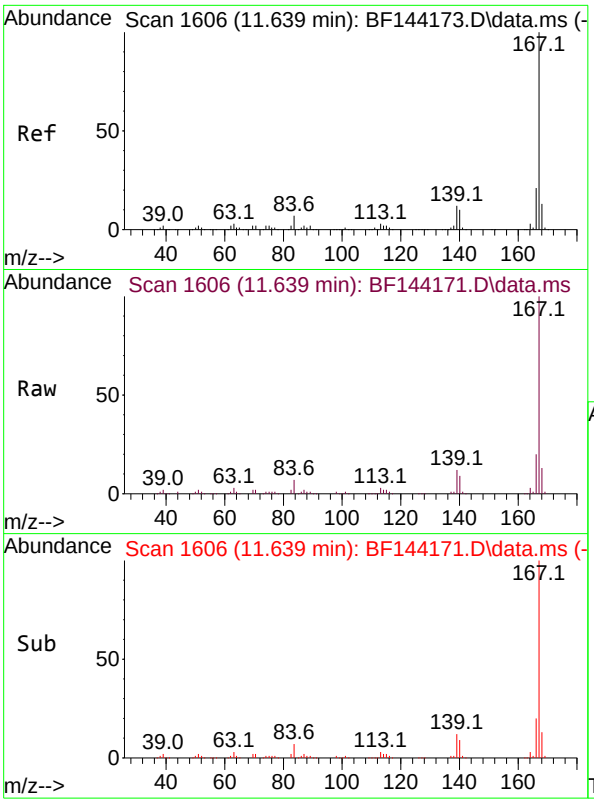




#72
Anthracene
Concen: 10.457 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:178 Resp: 248511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.3 | 22.9 |
| 179 | 15.4 | 12.0 | 18.0 |



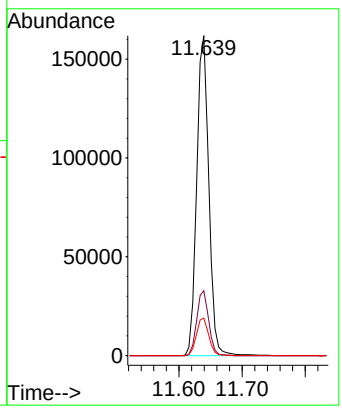


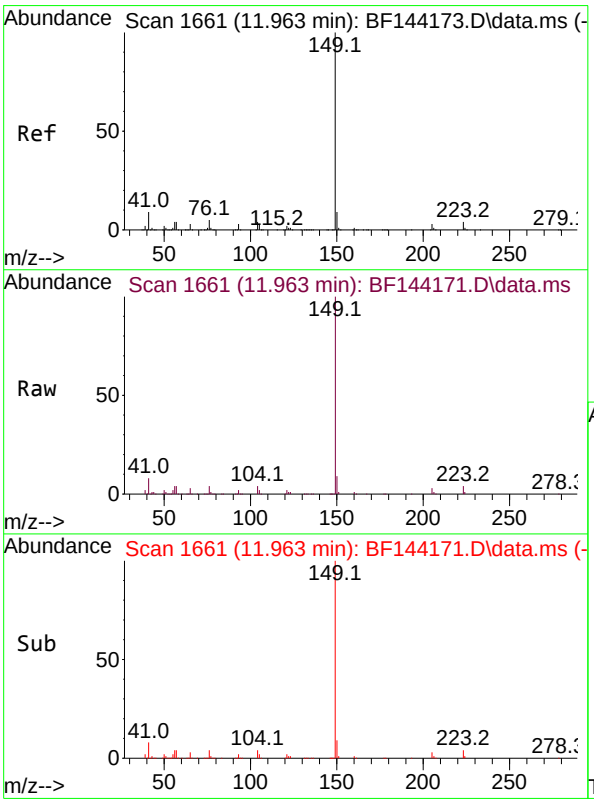

#73
Carbazole
Concen: 10.652 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:167 Resp: 215269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.3 | 17.2 | 25.8 |
| 139 | 11.7 | 9.9 | 14.9 |

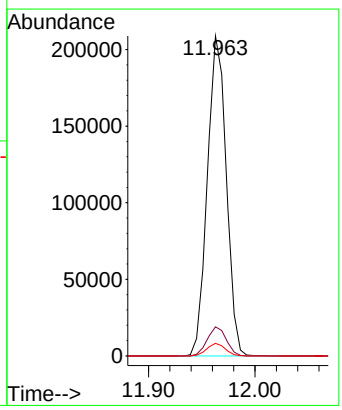


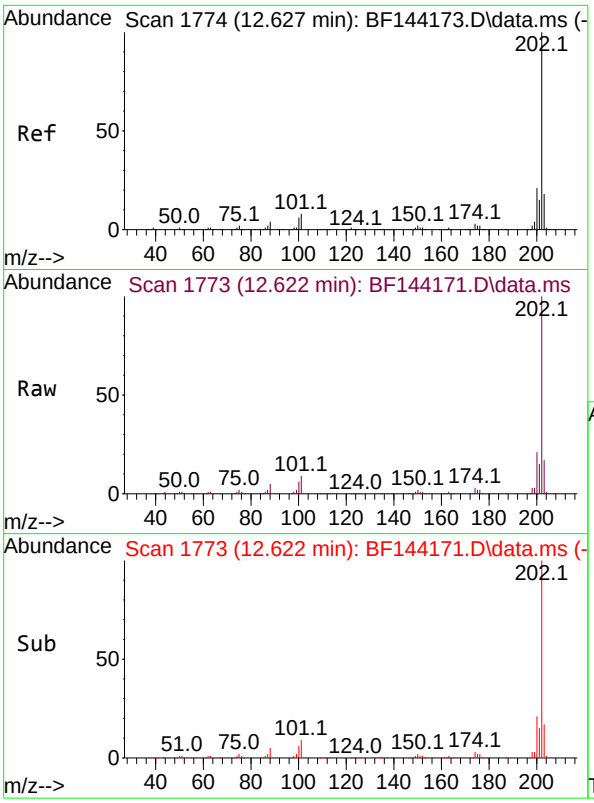




#74
Di-n-butylphthalate
Concen: 10.580 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 258464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.4 | 11.0 |
| 104 | 3.9 | 3.4 | 5.2 |



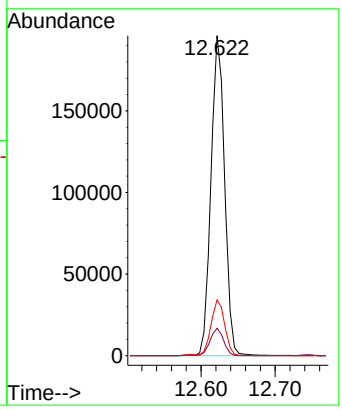


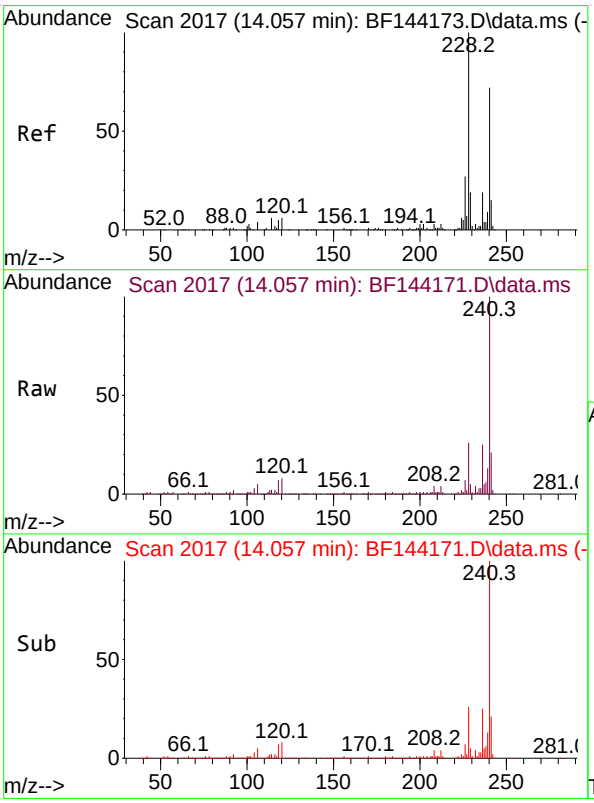

#75
Fluoranthene
Concen: 10.359 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:202 Resp: 250112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.5 | 0.0 | 27.9 |
| 203 | 17.4 | 0.0 | 37.5 |

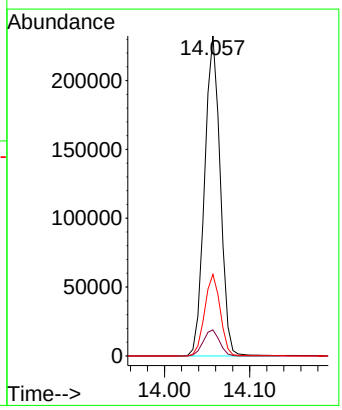


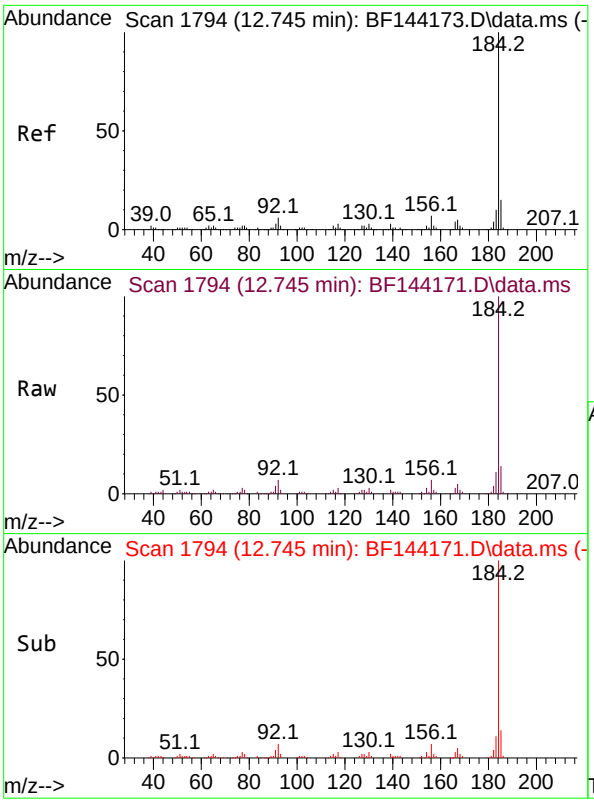




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:240 Resp: 296506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.1 | 6.6 | 10.0 |
| 236 | 25.5 | 21.4 | 32.2 |



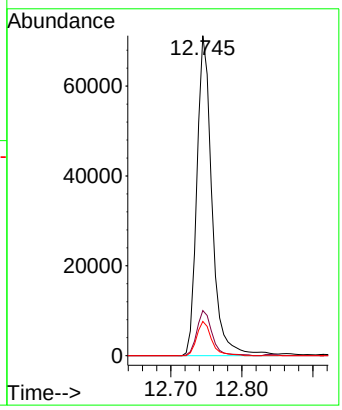


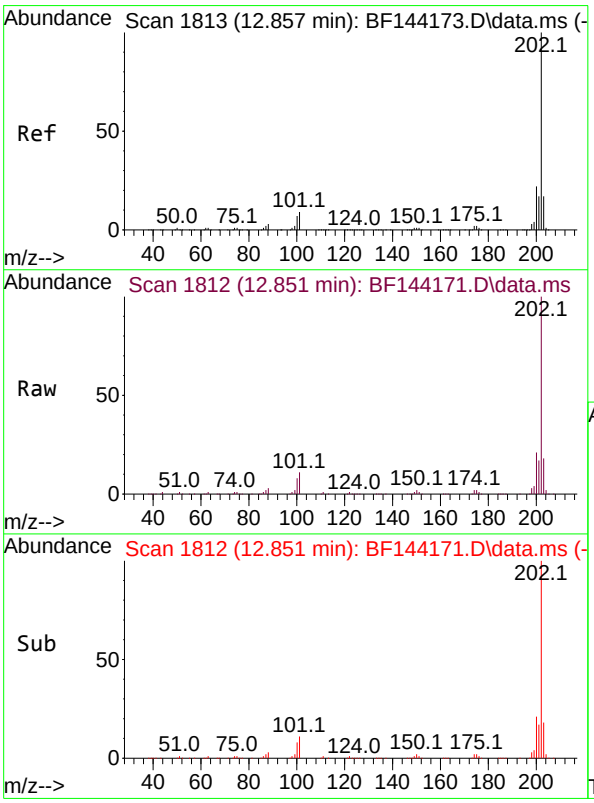

#77
Benzidine
Concen: 11.958 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:184 Resp: 104876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.7 | 17.5 |
| 183 | 10.7 | 8.3 | 12.5 |

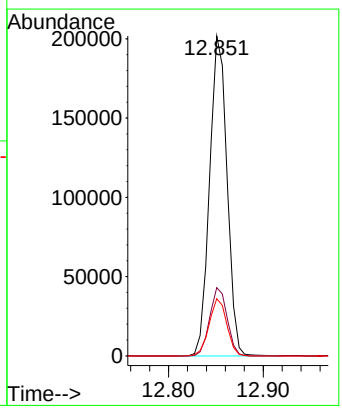


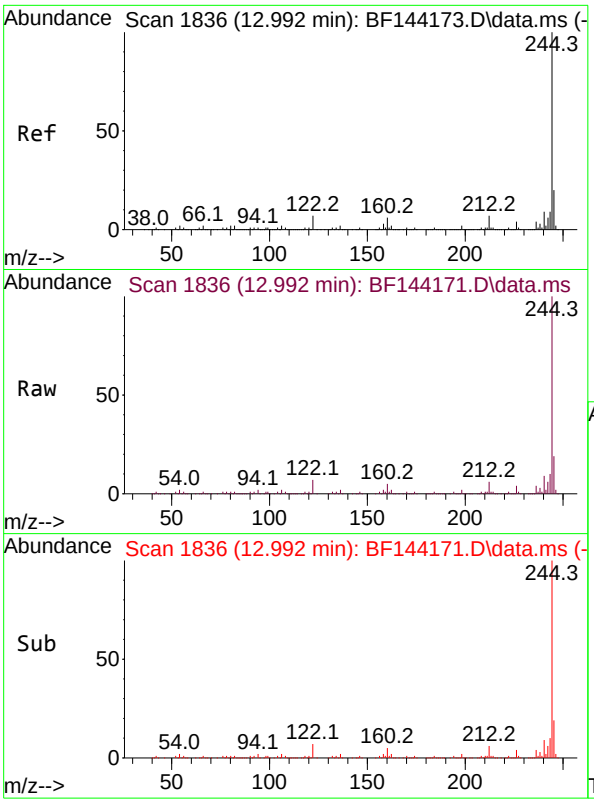




#78
Pyrene
Concen: 10.823 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:202 Resp: 258743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.2 | 25.8 |
| 203 | 17.9 | 13.7 | 20.5 |



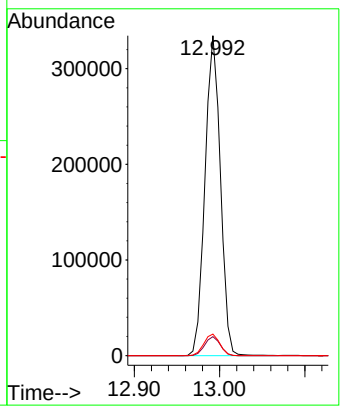


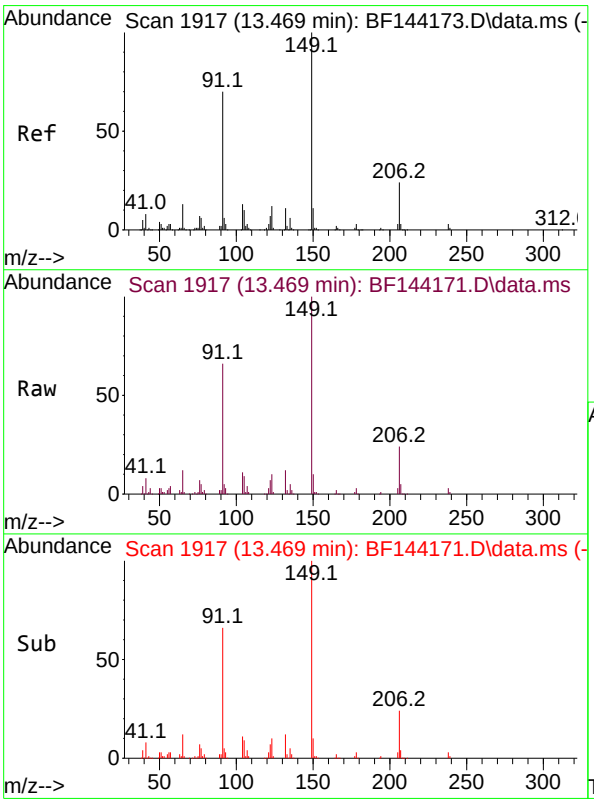

#79
Terphenyl-d14
Concen: 22.476 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:244 Resp: 419548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 5.9 | 5.3 | 7.9 |
| 122 | 6.8 | 5.6 | 8.4 |

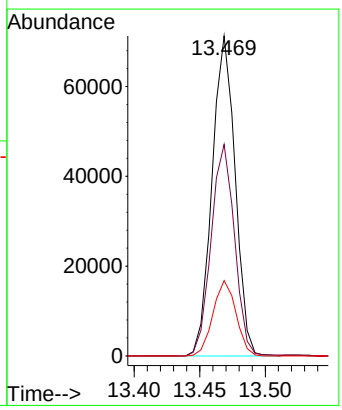


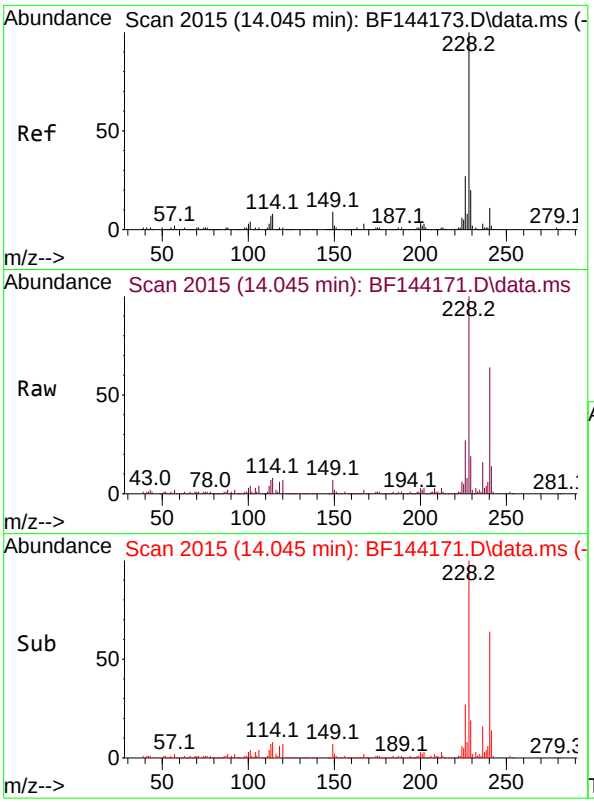




#80
Butylbenzylphthalate
Concen: 10.556 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 87462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.1 | 56.1 | 84.1 |
| 206 | 23.6 | 18.8 | 28.2 |



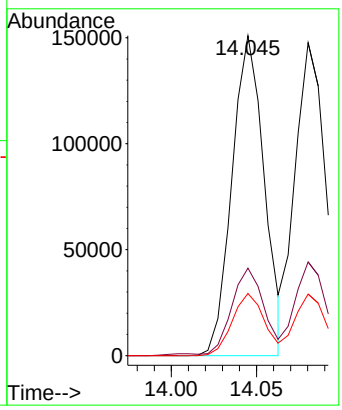


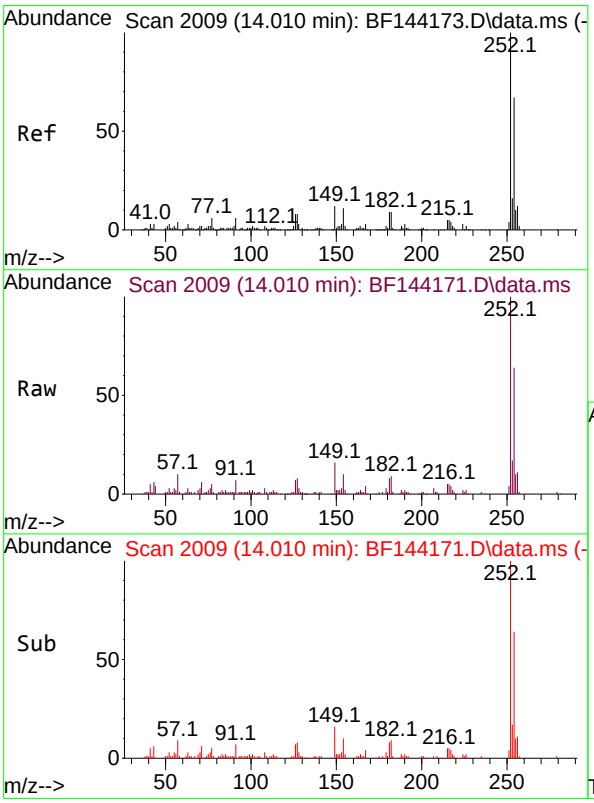

#81
Benzo(a)anthracene
Concen: 9.664 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 198590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.8 | 32.8 |
| 229 | 19.4 | 15.8 | 23.6 |

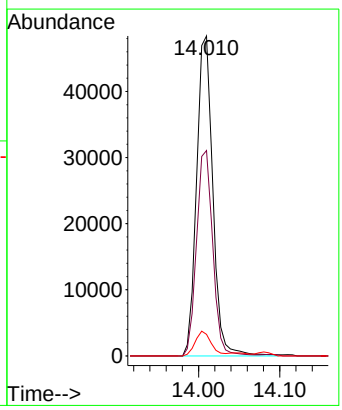


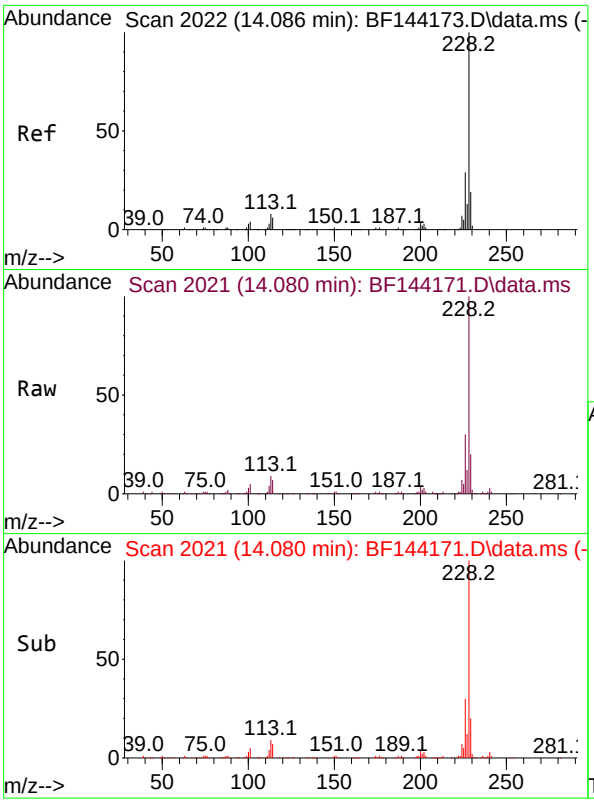




#82
3,3'-Dichlorobenzidine
Concen: 9.535 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 67166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.2 | 53.5 | 80.3 |
| 126 | 6.7 | 6.4 | 9.6 |



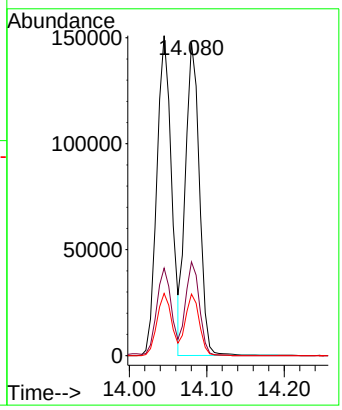


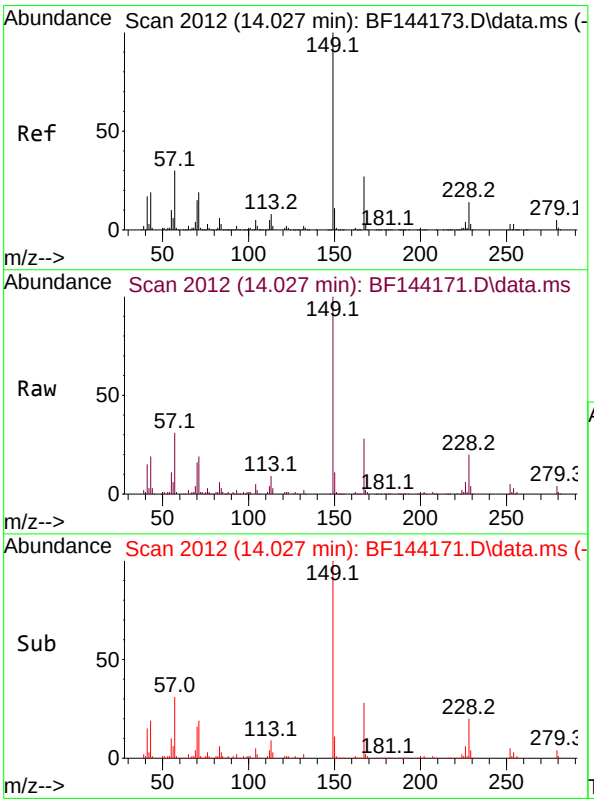

#83
Chrysene
Concen: 9.731 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 184604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 22.9 | 34.3 |
| 229 | 19.7 | 15.0 | 22.6 |

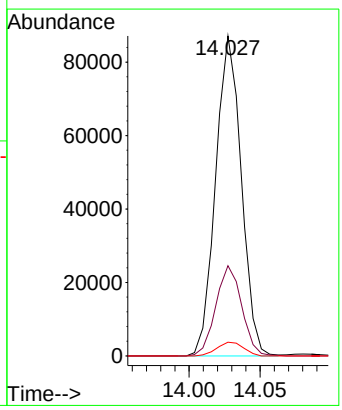


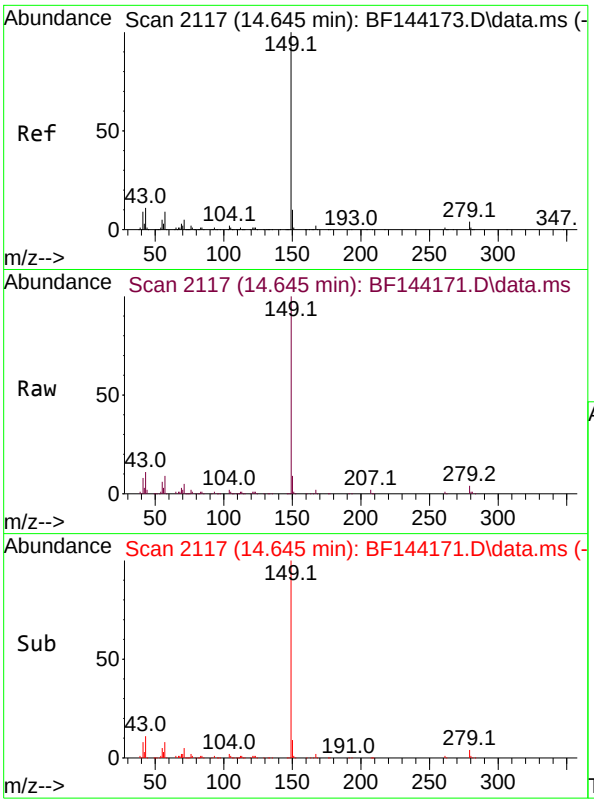




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.662 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 109593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 21.8 | 32.8 |
| 279 | 4.3 | 3.7 | 5.5 |



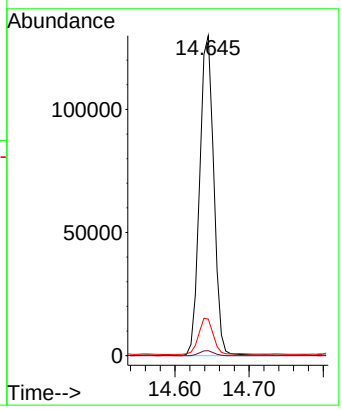


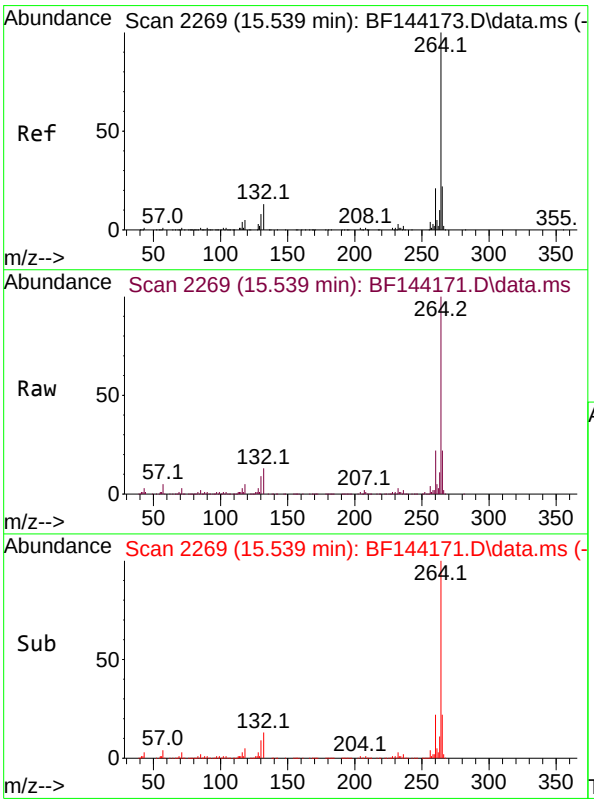

#85
Di-n-octyl phthalate
Concen: 8.811 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:149 Resp: 172428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 11.7 | 9.0 | 13.4 |

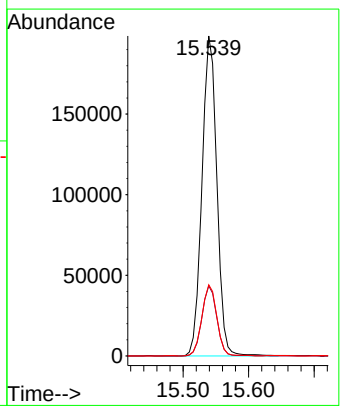


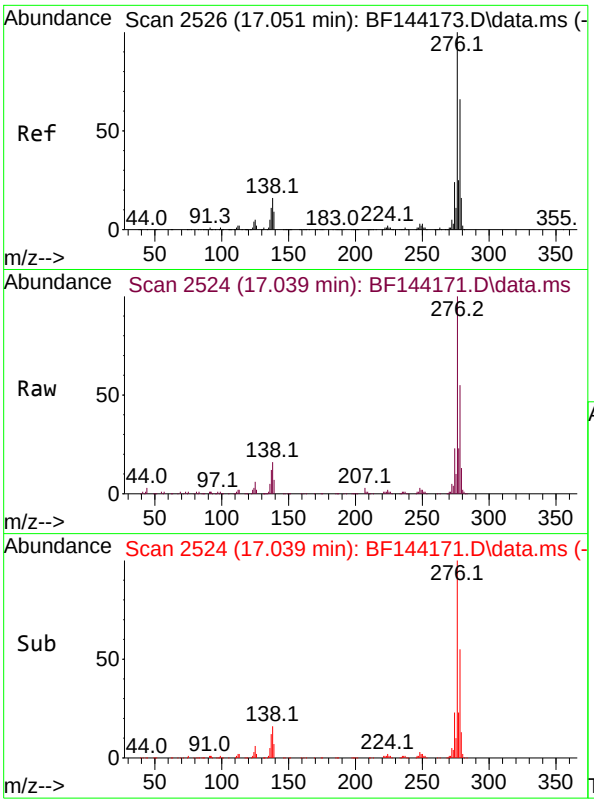




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:264 Resp: 311371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 17.1 | 25.7 |
| 265 | 22.2 | 17.4 | 26.0 |



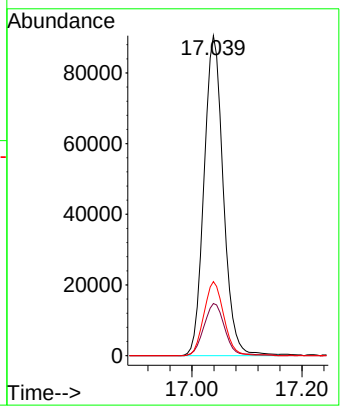


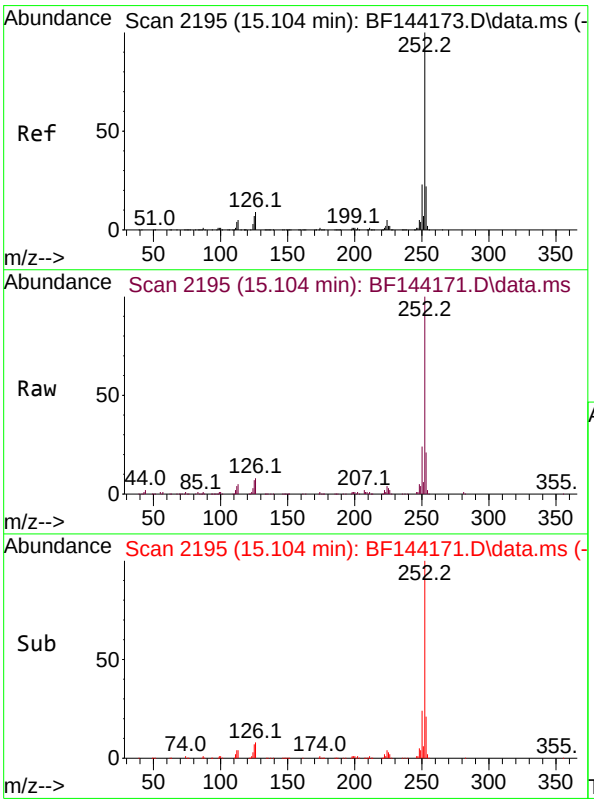

#87
Indeno(1,2,3-cd)pyrene
Concen: 9.831 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:276 Resp: 219736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.7 | 13.9 | 20.9 |
| 277 | 23.8 | 19.8 | 29.6 |

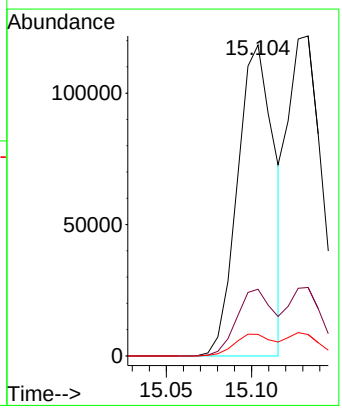


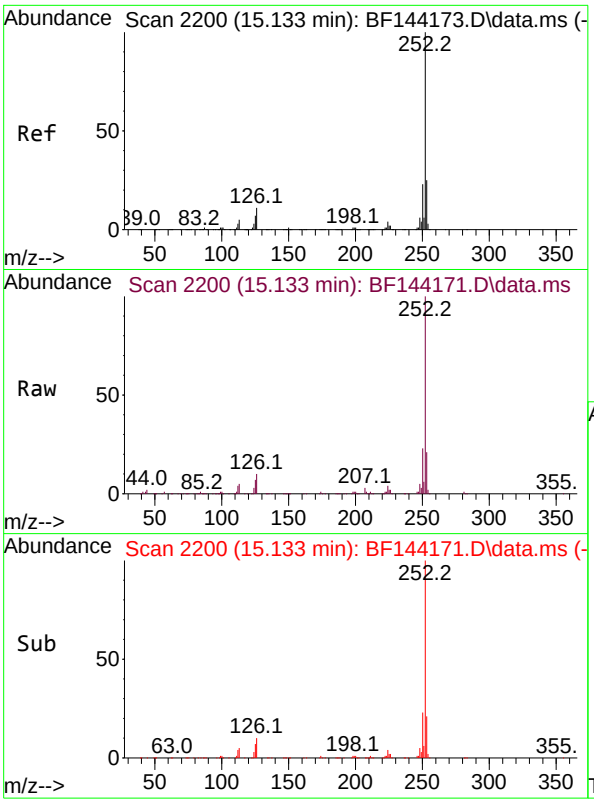




#88
Benzo(b)fluoranthene
Concen: 9.963 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 176369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.4 | 26.2 |
| 125 | 6.9 | 5.3 | 7.9 |



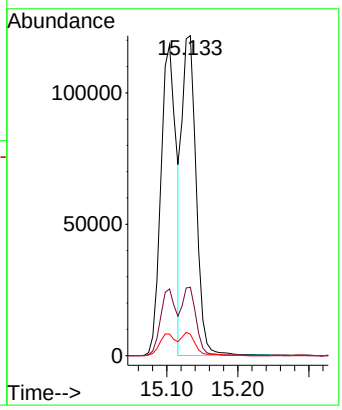


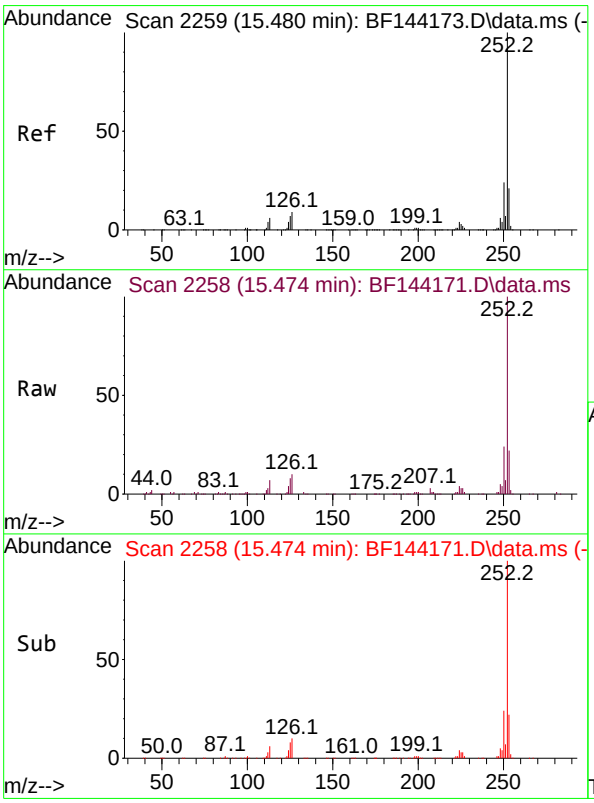

#89
Benzo(k)fluoranthene
Concen: 10.283 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:252 Resp: 170386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 18.0 | 27.0 |
| 125 | 6.7 | 5.4 | 8.2 |

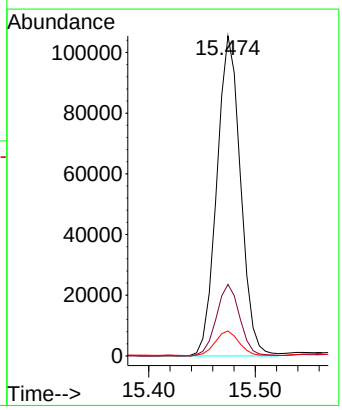


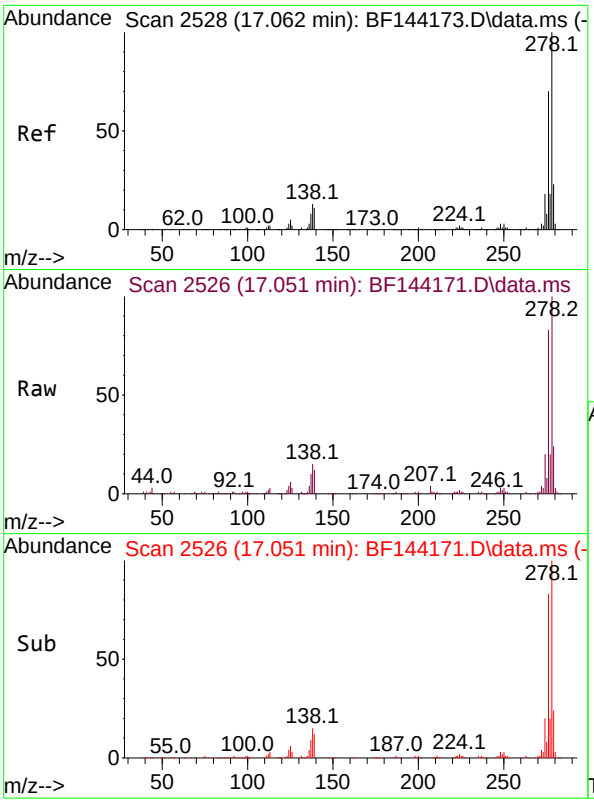




#90
Benzo(a)pyrene
Concen: 10.013 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 163529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 16.7 | 25.1 |
| 125 | 7.8 | 5.7 | 8.5 |



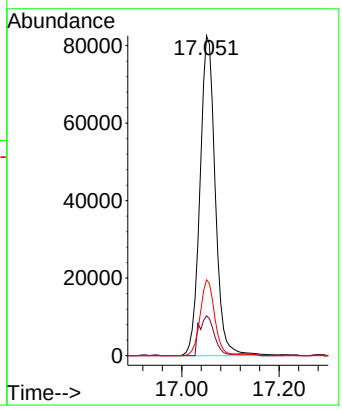


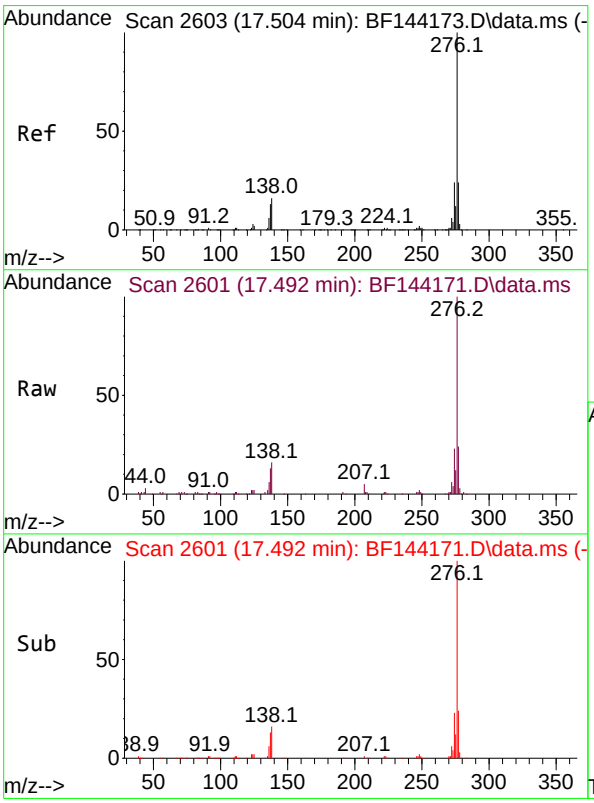

#91
Dibenzo(a,h)anthracene
Concen: 10.016 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:278 Resp: 179793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.5 | 9.1 | 13.7 |
| 279 | 23.7 | 18.2 | 27.4 |

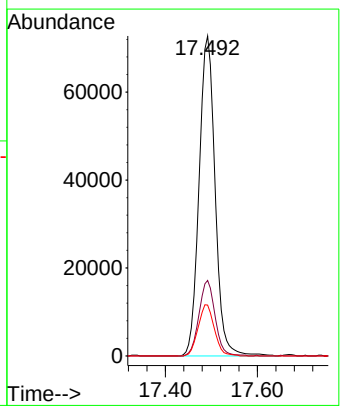



#92
Benzo(g,h,i)perylene
Concen: 9.877 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.029 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:276 Resp: 175090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.0 | 28.4 |
| 138 | 15.9 | 12.9 | 19.3 |



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 97055 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 380834 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 220087 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 388430 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 250706 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 297677 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 255468 | 41.191 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 293338 | 41.742 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 265652 | 40.287 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 112928 | 40.889 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 599169 | 40.208 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 638611 | 40.461 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.611 | 88 | 50319 | 19.624 | ng | 99 |
| 3) Pyridine | 3.387 | 79 | 144716 | 20.230 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.322 | 42 | 70474 | 18.860 | ng | 99 |
| 6) Aniline | 6.534 | 93 | 205178 | 20.492 | ng | 100 |
| 8) 2-Chlorophenol | 6.657 | 128 | 125443 | 20.624 | ng | 99 |
| 9) Benzaldehyde | 6.428 | 77 | 88978 | 22.422 | ng | 99 |
| 10) Phenol | 6.516 | 94 | 178562 | 20.797 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 130219 | 20.814 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 153679 | 20.476 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.893 | 146 | 153656 | 20.435 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.046 | 146 | 144447 | 20.042 | ng | 99 |
| 15) Benzyl Alcohol | 7.016 | 79 | 115331 | 20.726 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140 | 45 | 242281 | 21.029 | ng | 95 |
| 17) 2-Methylphenol | 7.122 | 107 | 97725 | 20.196 | ng | 96 |
| 18) Hexachloroethane | 7.387 | 117 | 51648 | 20.675 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 96676 | 20.897 | ng | 99 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 118666 | 20.804 | ng | 94 |
| 22) Acetophenone | 7.281 | 105 | 165374 | 20.242 | ng | 97 |
| 24) Nitrobenzene | 7.457 | 77 | 143192 | 20.000 | ng | 97 |
| 25) Isophorone | 7.693 | 82 | 254863 | 20.434 | ng | 97 |
| 26) 2-Nitrophenol | 7.775 | 139 | 72909 | 20.572 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 100827 | 18.981 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 157029 | 20.161 | ng | 96 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 125803 | 20.548 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 126402 | 20.106 | ng | 96 |
| 31) Naphthalene | 8.181 | 128 | 373973 | 20.643 | ng | 99 |
| 32) Benzoic acid | 7.916 | 122 | 83801 | 21.522 | ng | 97 |
| 33) 4-Chloroaniline | 8.228 | 127 | 135273 | 20.474 | ng | 99 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 95971 | 20.255 | ng | 99 |
| 35) Caprolactam | 8.587 | 113 | 35272 | 21.028 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 115603 | 21.069 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 253201 | 20.905 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 240612 | 20.588 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 144980 | 20.100 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 31247 | 18.527 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 98855 | 20.136 | ng | 98 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 109277 | 20.653 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 313667 | 20.417 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 265522 | 20.262 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 76785 | 20.308 | ng | 97 |
| 49) Acenaphthylene | 9.775 | 152 | 369018 | 20.664 | ng | 98 |
| 50) Dimethylphthalate | 9.628 | 163 | 299125 | 20.516 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 59656 | 20.212 | ng | 96 |
| 52) Acenaphthene | 9.945 | 154 | 246497 | 20.641 | ng | 99 |
| 53) 3-Nitroaniline | 9.869 | 138 | 66539 | 20.623 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 36453 | 20.453 | ng | 96 |
| 55) Dibenzofuran | 10.122 | 168 | 348955 | 20.864 | ng | 98 |
| 56) 4-Nitrophenol | 10.028 | 139 | 44352 | 19.003 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 81812 | 20.706 | ng | 98 |
| 58) Fluorene | 10.463 | 166 | 263546 | 20.725 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 73978 | 19.762 | ng | 97 |
| 60) Diethylphthalate | 10.334 | 149 | 276008 | 20.535 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 149181 | 20.595 | ng | 99 |
| 62) 4-Nitroaniline | 10.481 | 138 | 64484 | 20.987 | ng | 97 |
| 63) Azobenzene | 10.616 | 77 | 252025 | 20.147 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 53585 | 20.307 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.575 | 169 | 246642 | 19.743 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 98958 | 19.959 | ng | 98 |
| 68) Hexachlorobenzene | 11.016 | 284 | 118426 | 20.279 | ng | 94 |
| 69) Atrazine | 11.098 | 200 | 83639 | 21.052 | ng | 98 |
| 70) Pentachlorophenol | 11.210 | 266 | 55766 | 19.177 | ng | 99 |
| 71) Phenanthrene | 11.433 | 178 | 382805 | 19.794 | ng | 99 |
| 72) Anthracene | 11.481 | 178 | 399043 | 20.292 | ng | 98 |
| 73) Carbazole | 11.639 | 167 | 342636 | 20.490 | ng | 99 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 418262 | 20.691 | ng | 100 |
| 75) Fluoranthene | 12.622 | 202 | 408870 | 20.466 | ng | 99 |
| 77) Benzidine | 12.745 | 184 | 130033 | 17.535 | ng | 100 |
| 78) Pyrene | 12.851 | 202 | 408920 | 20.229 | ng | 99 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 137856 | 19.677 | ng | 99 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 333458 | 19.191 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 115478 | 19.389 | ng | 96 |
| 83) Chrysene | 14.080 | 228 | 320726 | 19.995 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 189305 | 19.738 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 318841 | 19.268 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.045 | 276 | 430691 | 20.155 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 331673 | 19.598 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 322479 | 20.358 | ng | 98 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 314894 | 20.169 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 17.057 | 278 | 349788 | 20.383 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.498 | 276 | 343144 | 20.248 | ng | 99 |

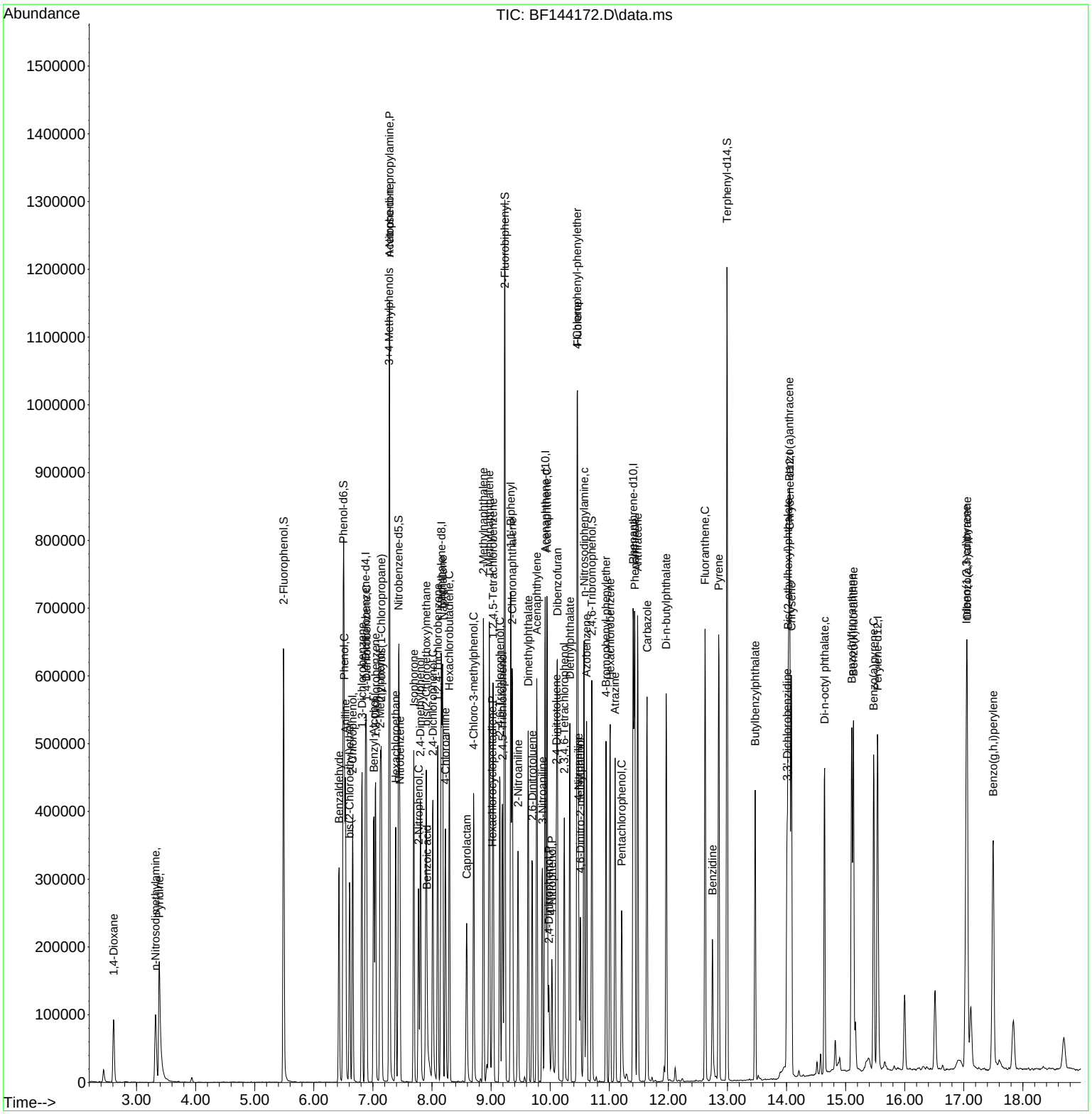
(#) = qualifier out of range (m) = manual integration (+) = signals summed

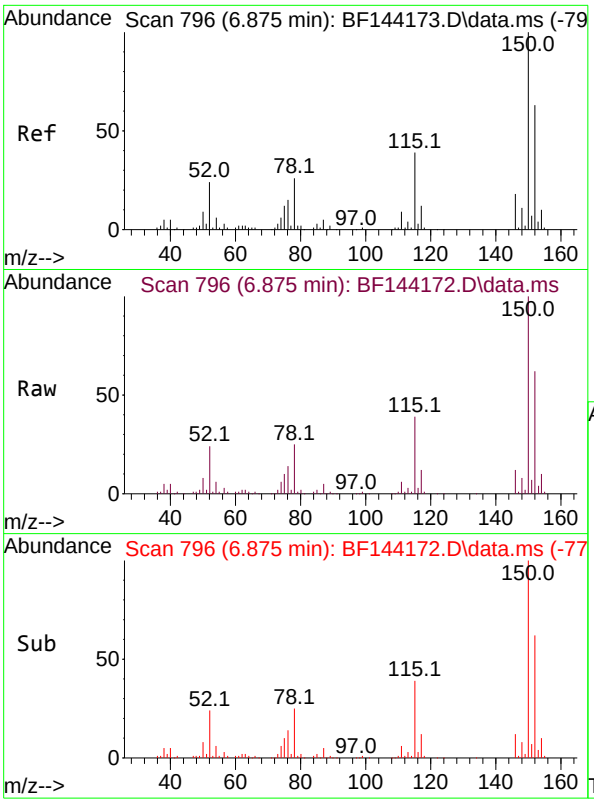
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



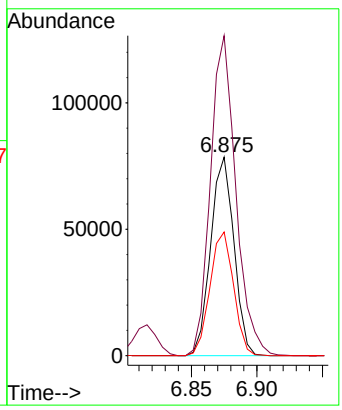


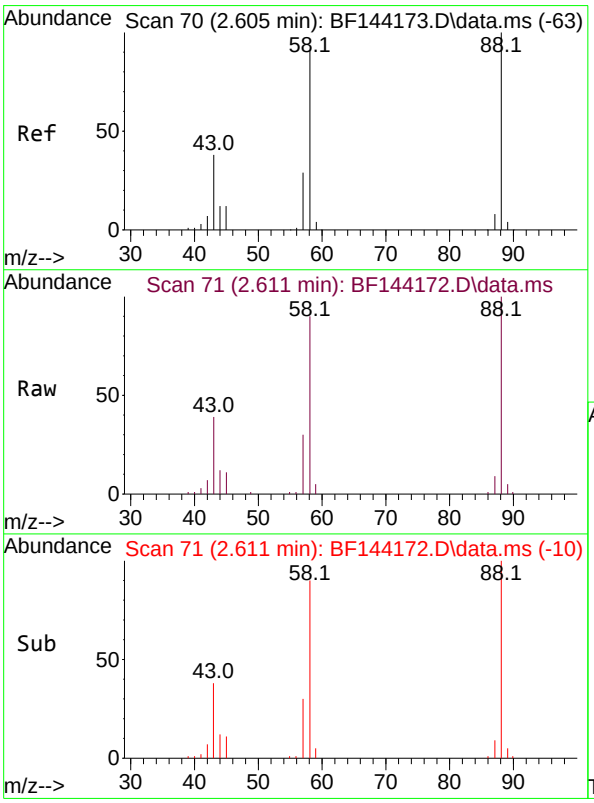

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:152 Resp: 97055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.2 | 127.4 | 191.0 |
| 115 | 62.2 | 49.5 | 74.3 |

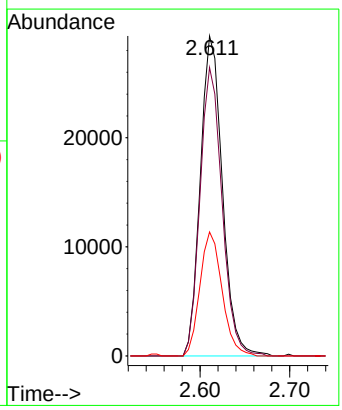


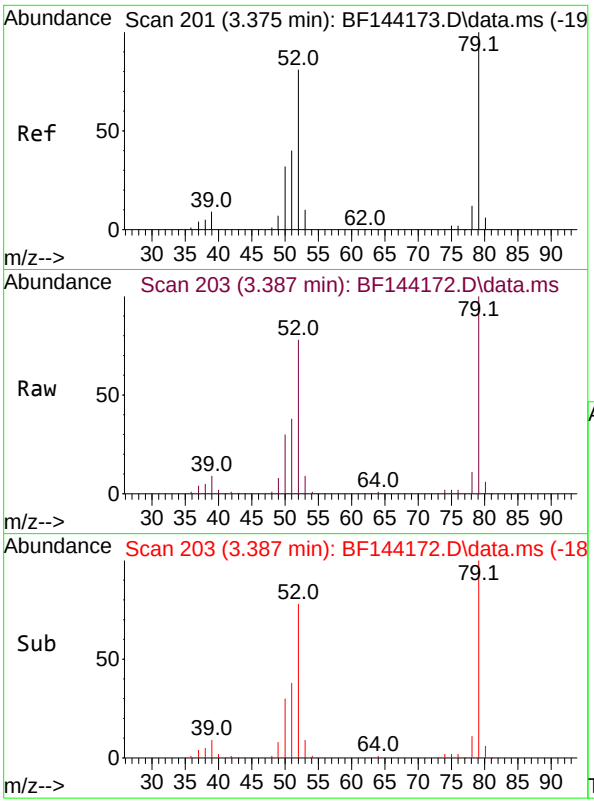




#2
1,4-Dioxane
Concen: 19.624 ng
RT: 2.611 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 88 Resp: 50319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 89.7 | 73.1 | 109.7 |
| 43 | 38.8 | 31.0 | 46.6 |



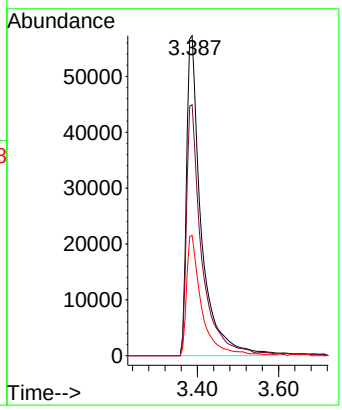


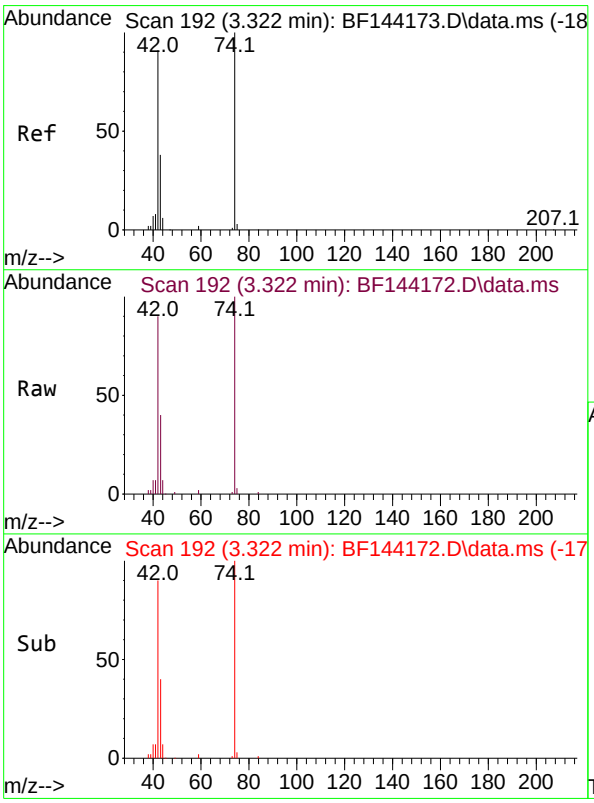

#3
Pyridine
Concen: 20.230 ng
RT: 3.387 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 79 Resp: 144716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 78.4 | 64.5 | 96.7 |
| 51 | 37.5 | 31.7 | 47.5 |

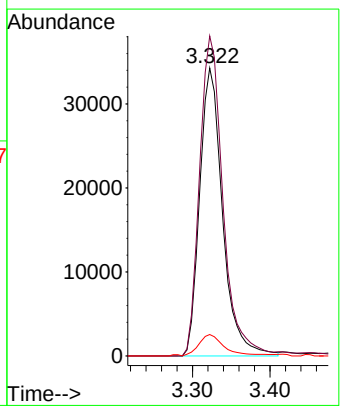


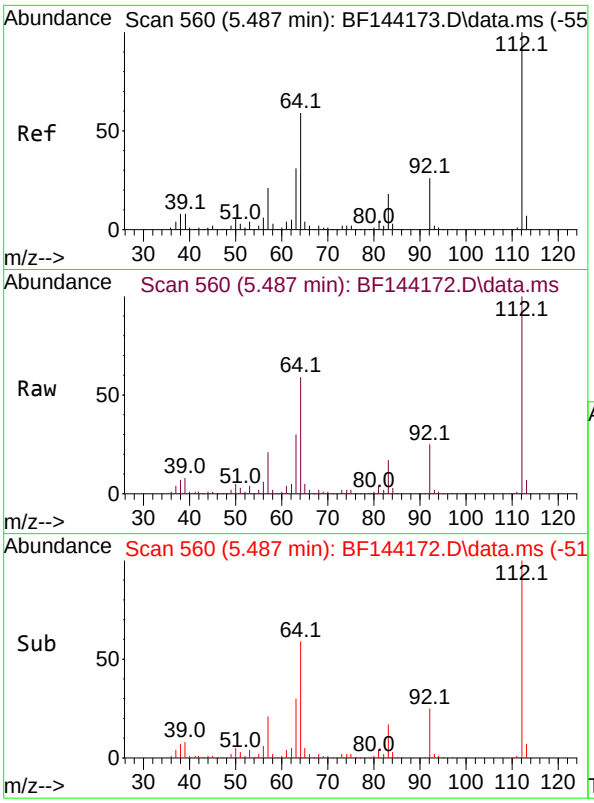




#4
n-Nitrosodimethylamine
Concen: 18.860 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 42 Resp: 70474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.1 | 88.2 | 132.4 |
| 44 | 7.4 | 5.7 | 8.5 |



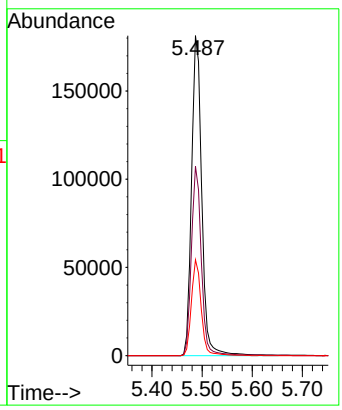


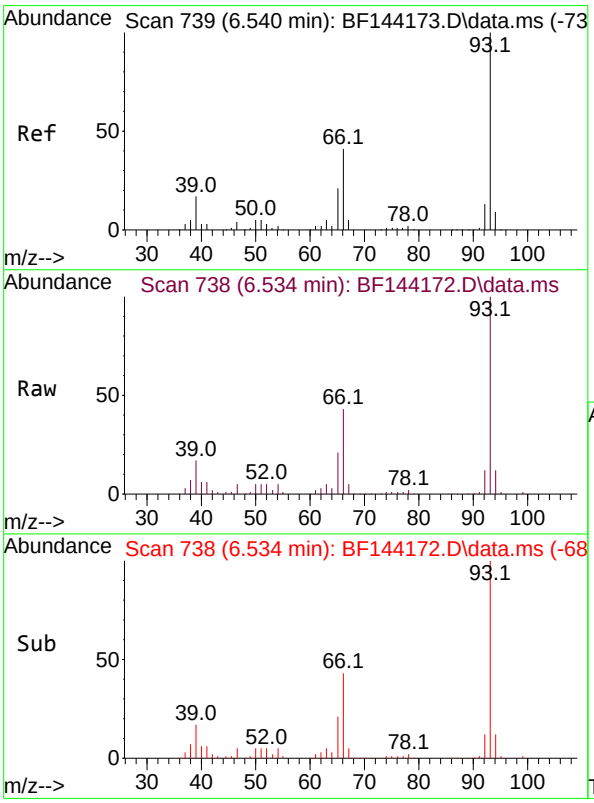

#5
2-Fluorophenol
Concen: 41.191 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:112 Resp: 255468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.2 | 47.2 | 70.8 |
| 63 | 29.9 | 24.4 | 36.6 |

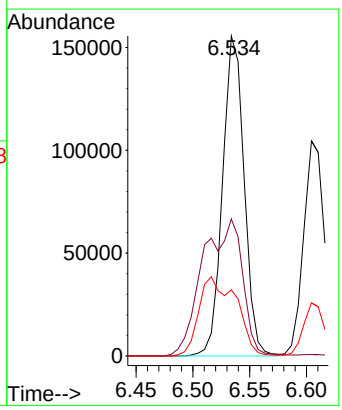


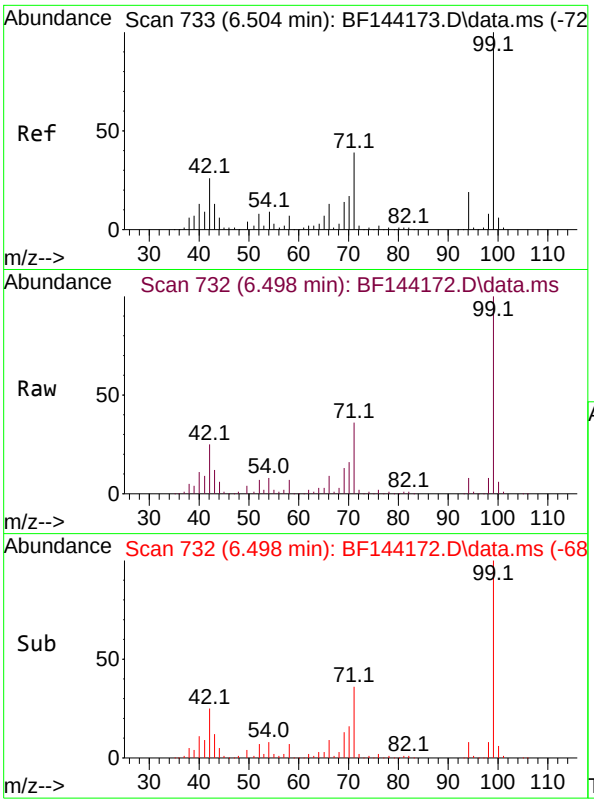




#6
Aniline
Concen: 20.492 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 93 Resp: 205178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.8 | 34.3 | 51.5 |
| 65 | 20.6 | 16.9 | 25.3 |



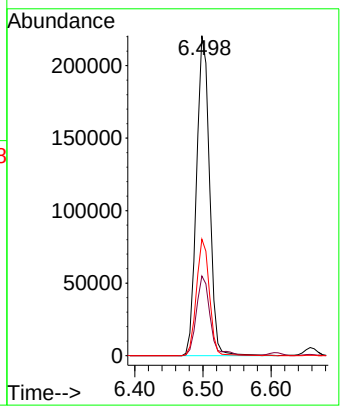


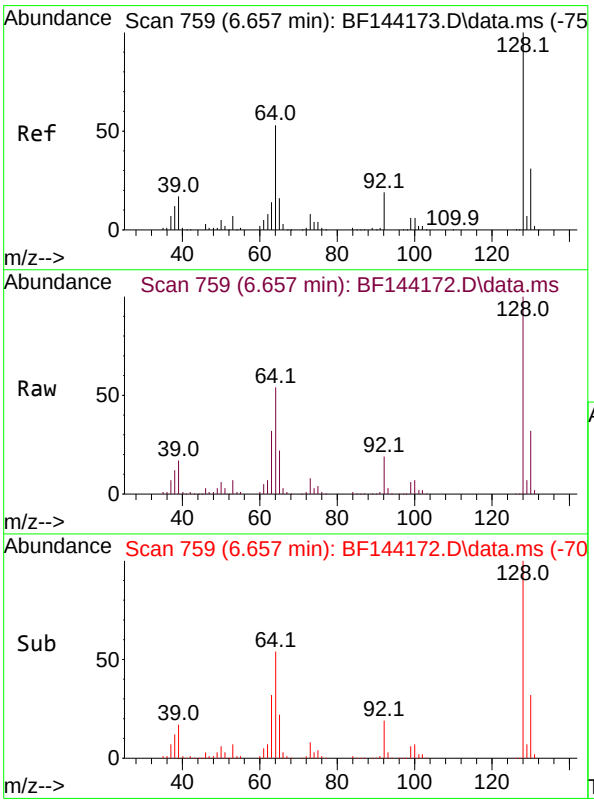

#7
Phenol-d6
Concen: 41.742 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 99 Resp: 293338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.9 | 20.9 | 31.3 |
| 71 | 36.4 | 31.4 | 47.2 |

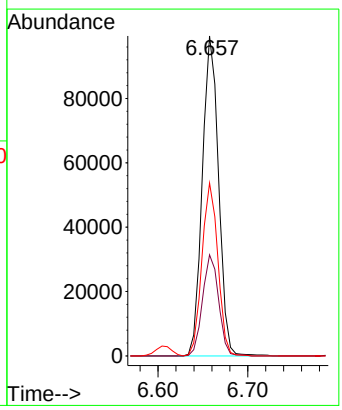


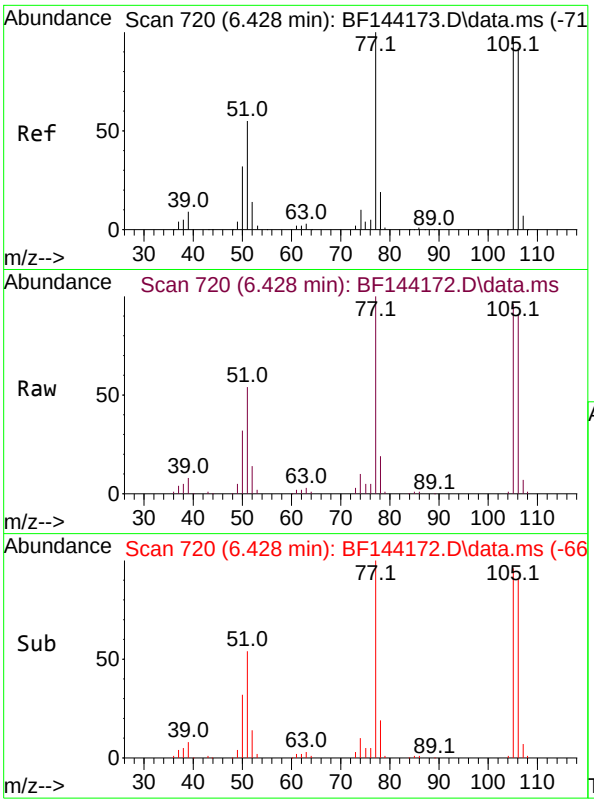




#8
2-Chlorophenol
Concen: 20.624 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:128 Resp: 125443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.6 | 10.5 | 50.5 |
| 64 | 54.0 | 33.2 | 73.2 |



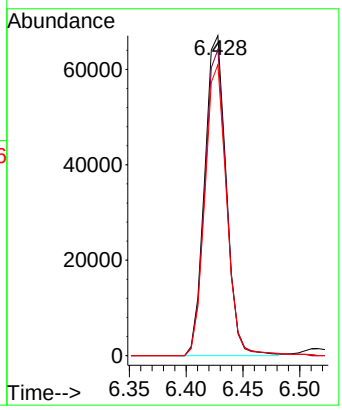


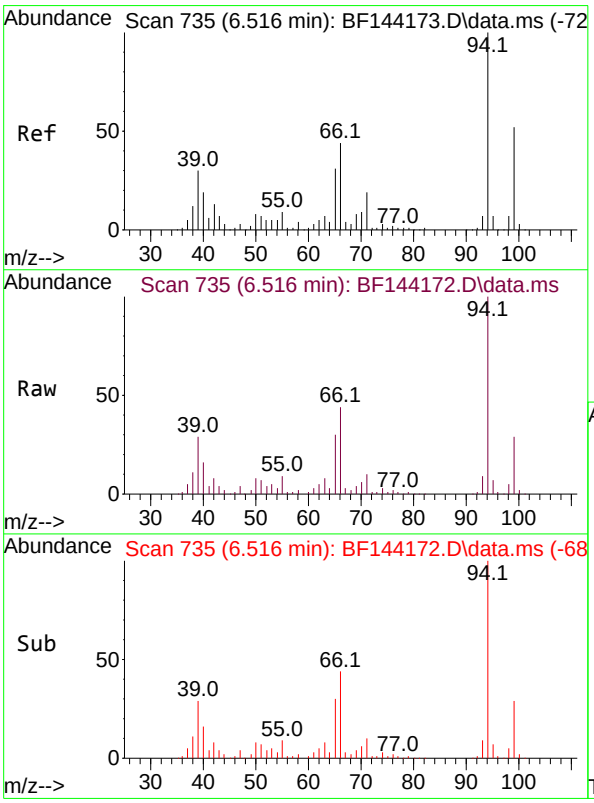

#9
Benzaldehyde
Concen: 22.422 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 77 Resp: 88978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.6 | 77.2 | 117.2 |
| 106 | 90.9 | 72.2 | 112.2 |

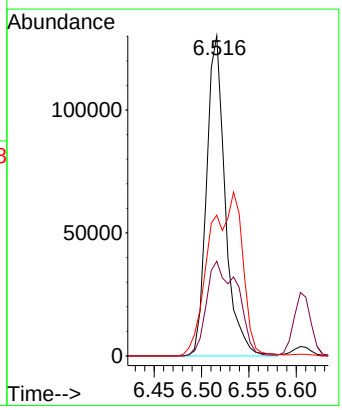


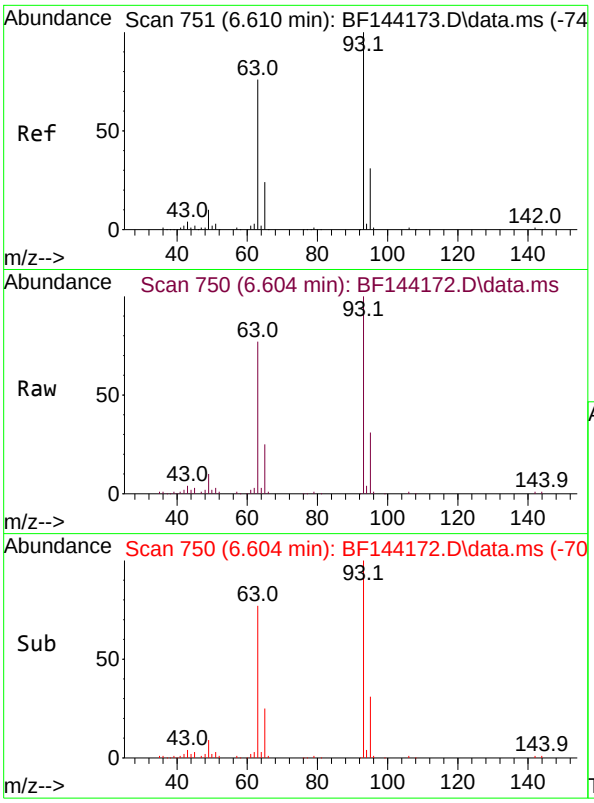




#10
Phenol
Concen: 20.797 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 94 Resp: 178562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.6 | 10.8 | 50.8 |
| 66 | 44.0 | 24.3 | 64.3 |



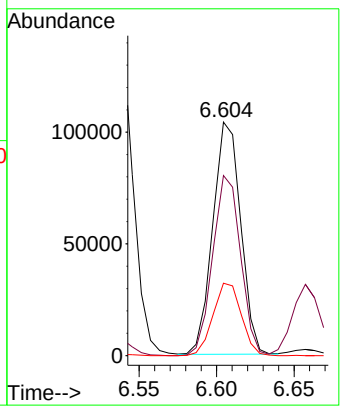


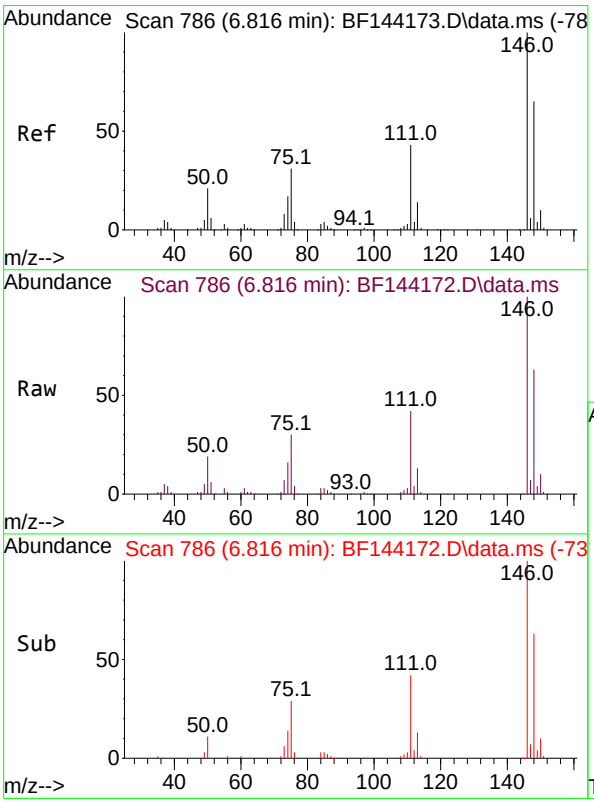

#11
bis(2-Chloroethyl)ether
Concen: 20.814 ng
RT: 6.604 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 93 Resp: 130219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.1 | 55.2 | 95.2 |
| 95 | 31.0 | 11.2 | 51.2 |

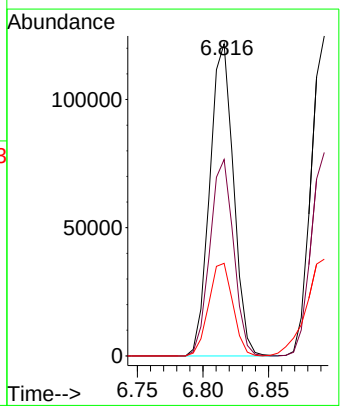


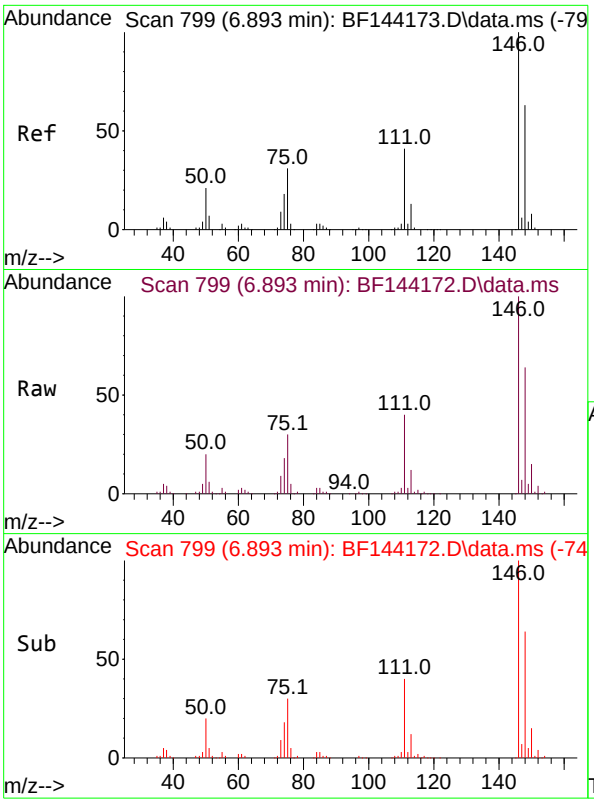




#12
1,3-Dichlorobenzene
Concen: 20.476 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 153679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 51.8 | 77.8 |
| 75 | 29.7 | 25.0 | 37.4 |



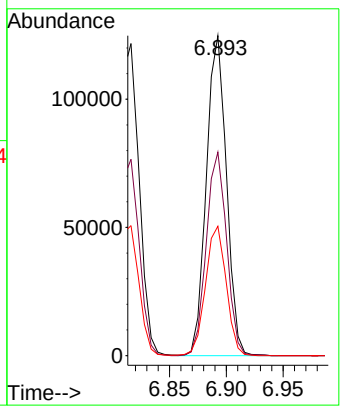


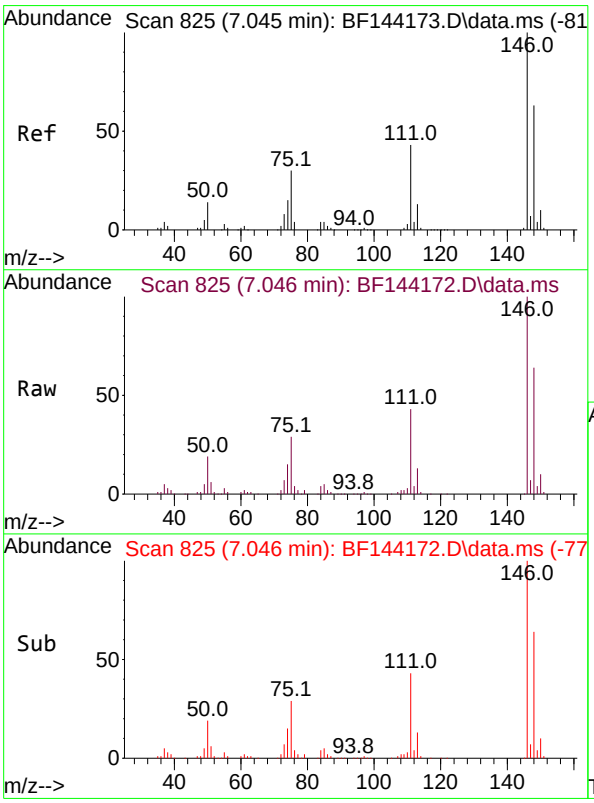

#13
1,4-Dichlorobenzene
Concen: 20.435 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:146 Resp: 153656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.2 | 75.2 |
| 111 | 40.4 | 32.6 | 48.8 |

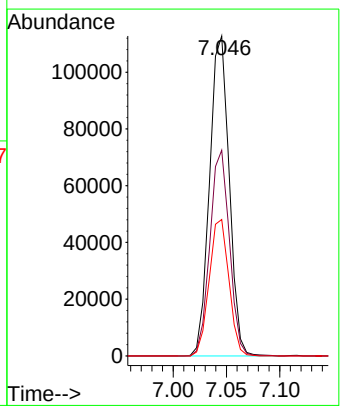


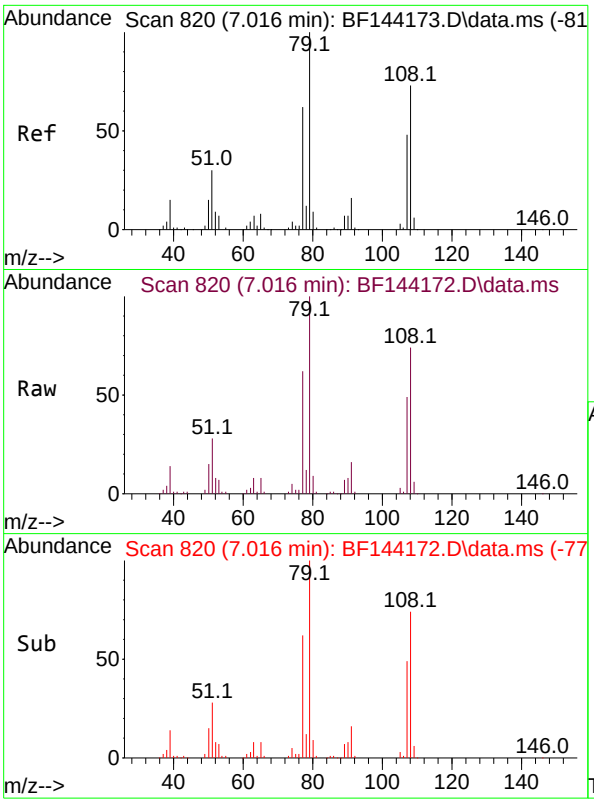




#14
1,2-Dichlorobenzene
Concen: 20.042 ng
RT: 7.046 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 144447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.7 | 76.1 |
| 111 | 42.6 | 34.2 | 51.4 |



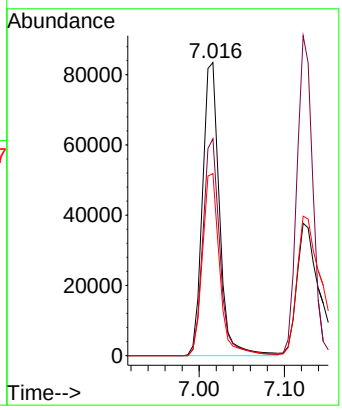


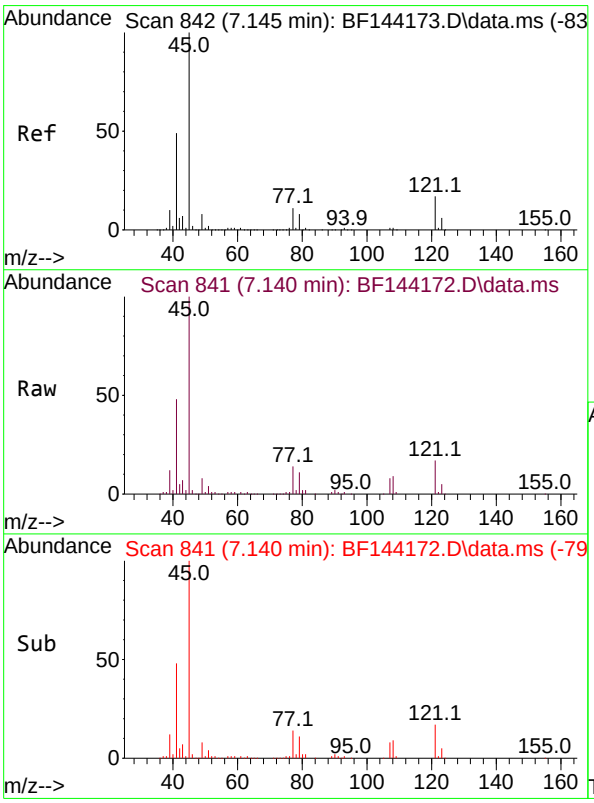

#15
Benzyl Alcohol
Concen: 20.726 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 79 Resp: 115331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.0 | 58.2 | 87.4 |
| 77 | 62.1 | 49.9 | 74.9 |

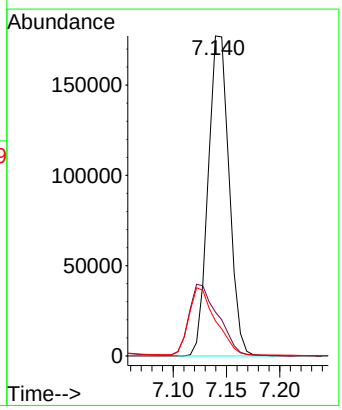


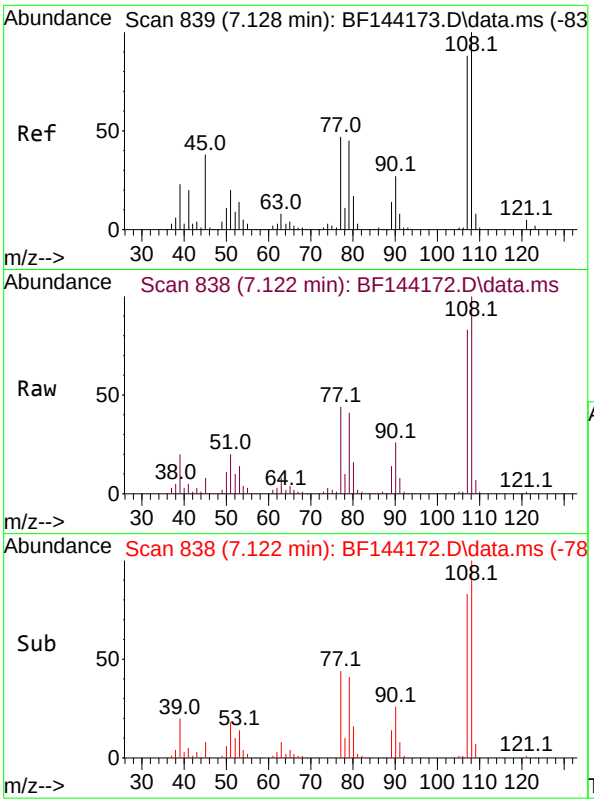




#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.029 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 45 Resp: 242281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.7 | 0.0 | 31.8 |
| 79 | 10.9 | 0.0 | 29.1 |



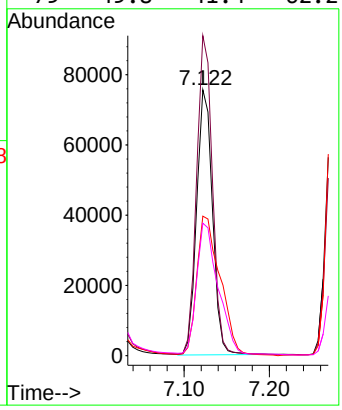


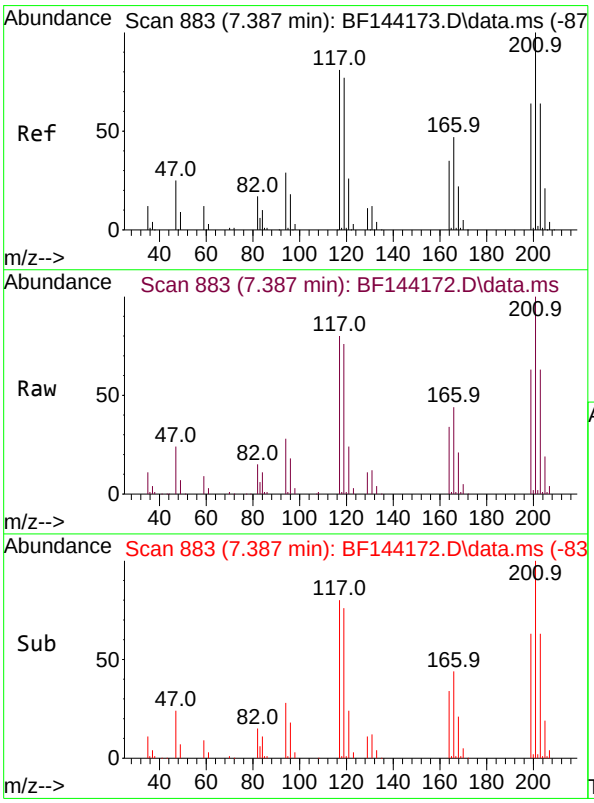

#17
2-Methylphenol
Concen: 20.196 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:107 Resp: 97725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 120.4 | 91.0 | 136.4 |
| 77 | 52.4 | 42.7 | 64.1 |
| 79 | 49.8 | 41.4 | 62.2 |

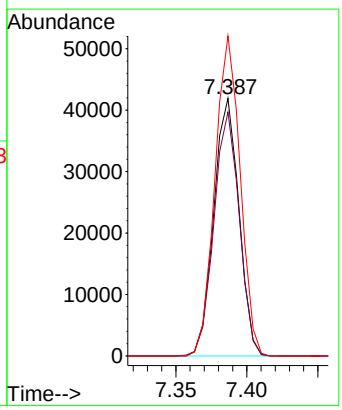


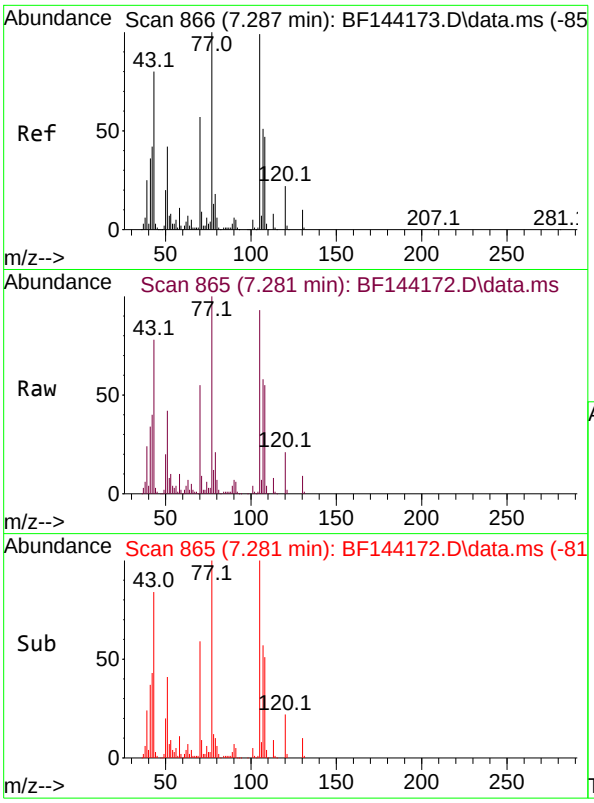




#18
Hexachloroethane
Concen: 20.675 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:117 Resp: 51648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 75.8 | 113.8 |
| 201 | 124.3 | 98.9 | 148.3 |



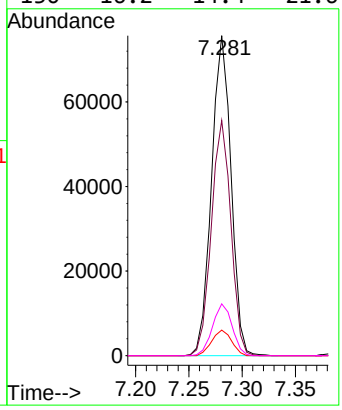


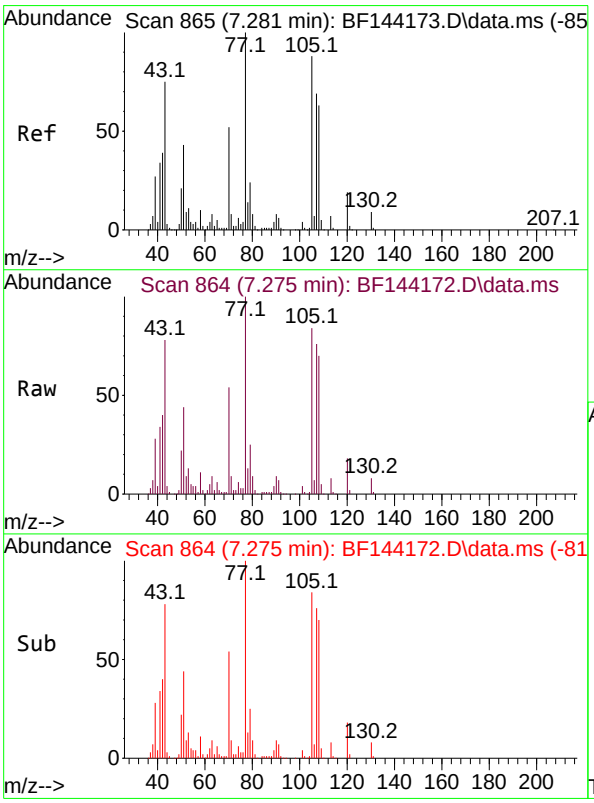

#19
n-Nitroso-di-n-propylamine
Concen: 20.897 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 70 Resp: 96676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 73.5 | 58.3 | 87.5 |
| 101 | 8.0 | 7.0 | 10.6 |
| 130 | 16.2 | 14.4 | 21.6 |

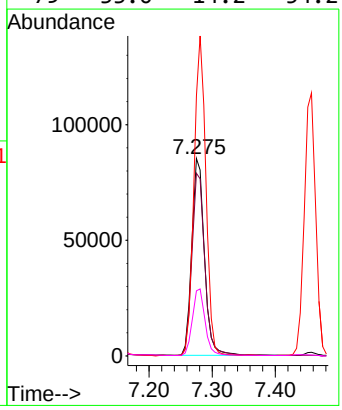


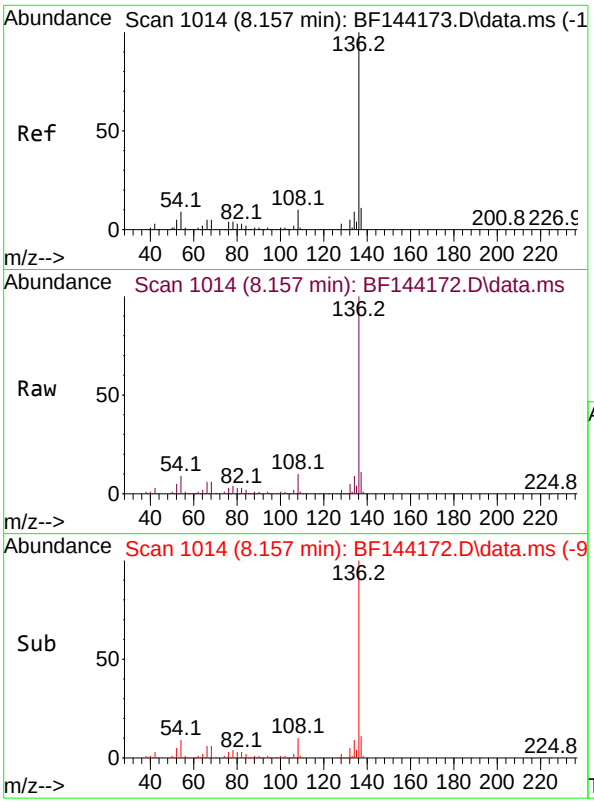




#20
3+4-Methylphenols
Concen: 20.804 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 118666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.5 | 70.2 | 110.2 |
| 77 | 131.8 | 123.9 | 163.9 |
| 79 | 33.0 | 14.2 | 54.2 |



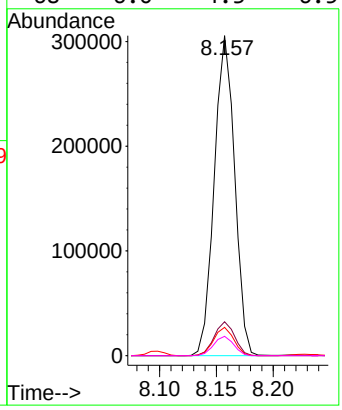


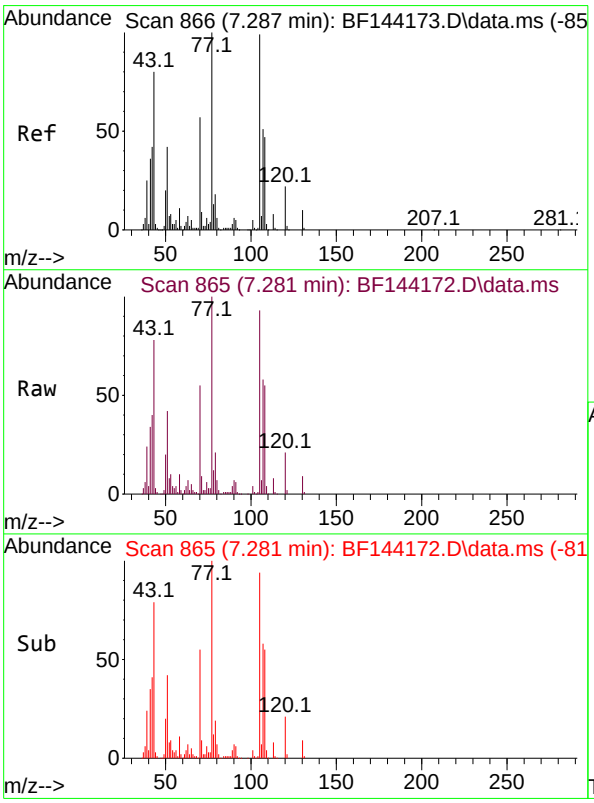

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:136 Resp: 380834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 8.8 | 7.0 | 10.6 |
| 68 | 6.0 | 4.3 | 6.5 |

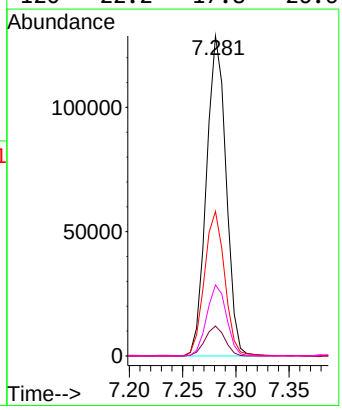


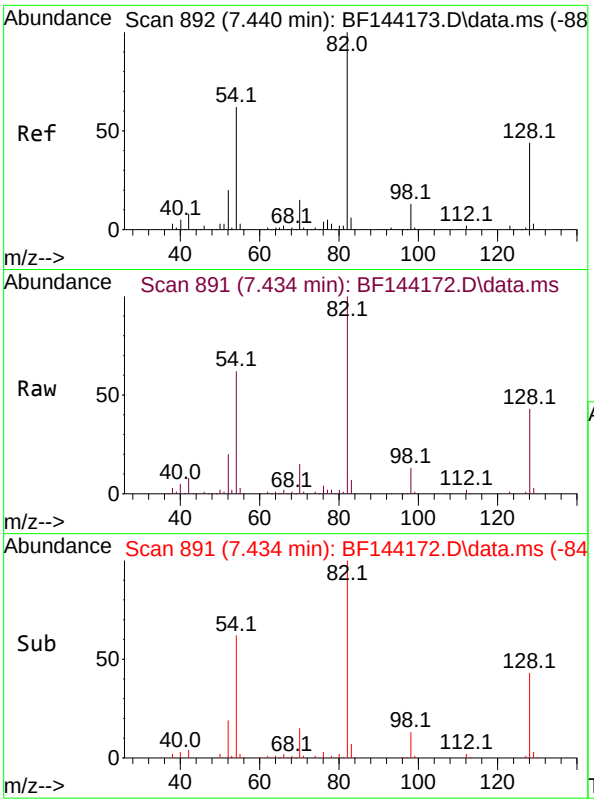




#22
Acetophenone
Concen: 20.242 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:105 Resp: 165374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.3 | 7.2 | 10.8 |
| 51 | 45.2 | 34.0 | 51.0 |
| 120 | 22.2 | 17.8 | 26.6 |



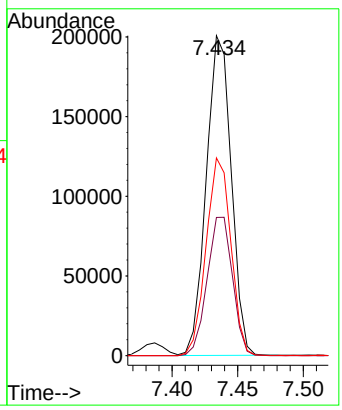


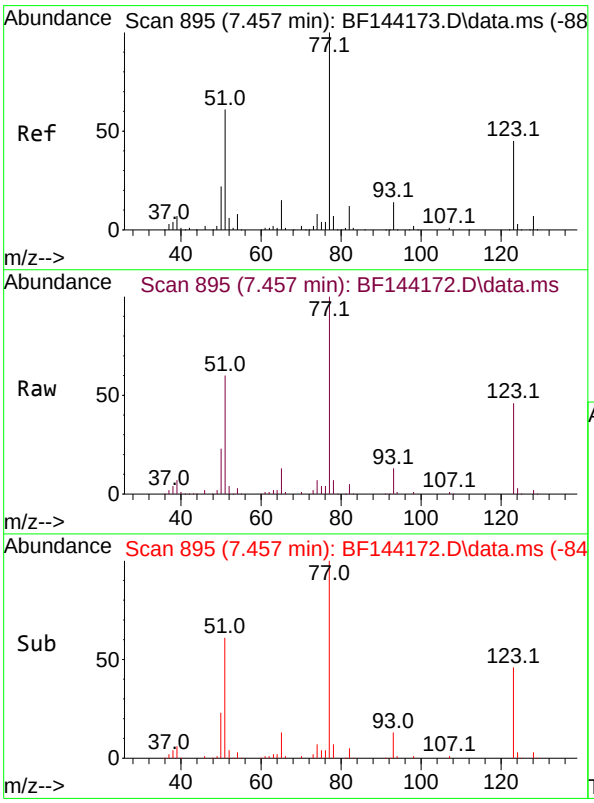

#23
Nitrobenzene-d5
Concen: 40.287 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 82 Resp: 265652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.2 | 34.7 | 52.1 |
| 54 | 61.8 | 49.5 | 74.3 |

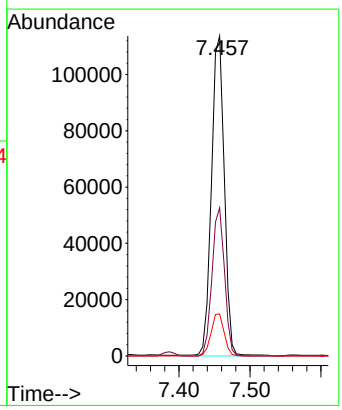


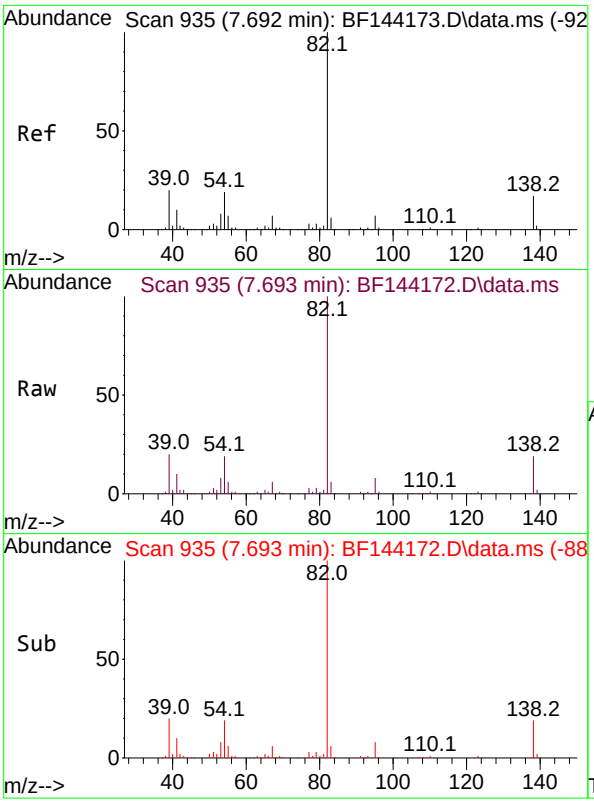




#24
Nitrobenzene
Concen: 20.000 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 143192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.3 | 35.8 | 53.8 |
| 65 | 13.2 | 12.2 | 18.2 |



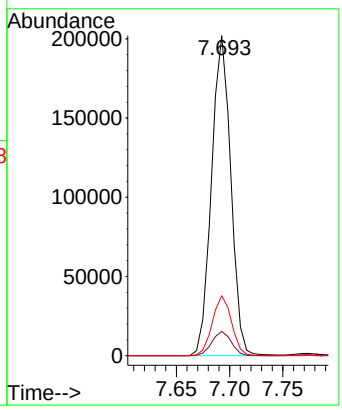


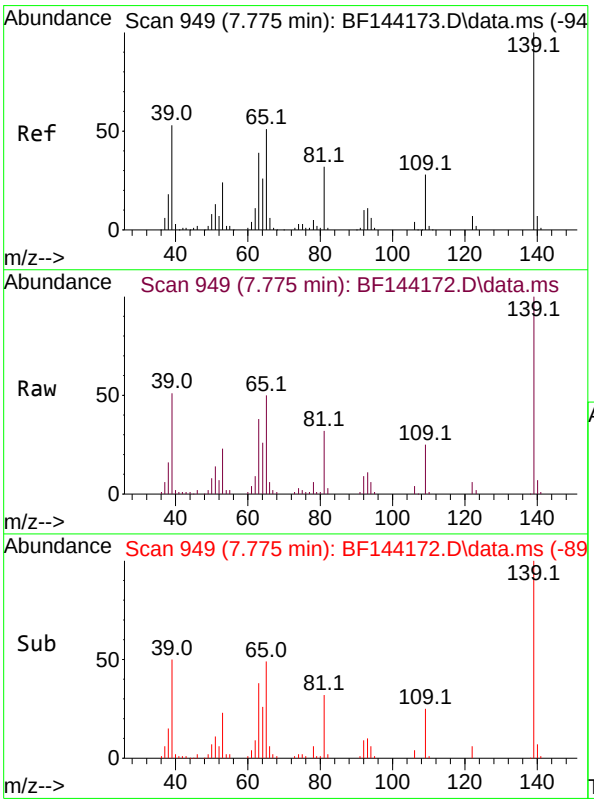

#25
Isophorone
Concen: 20.434 ng
RT: 7.693 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 82 Resp: 254863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 5.5 | 8.3 |
| 138 | 18.7 | 13.7 | 20.5 |

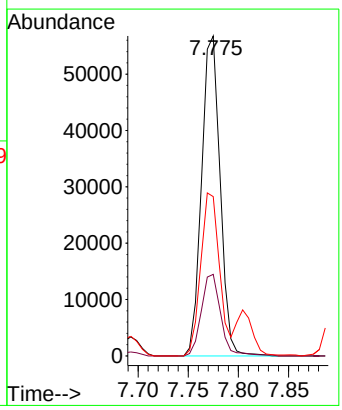


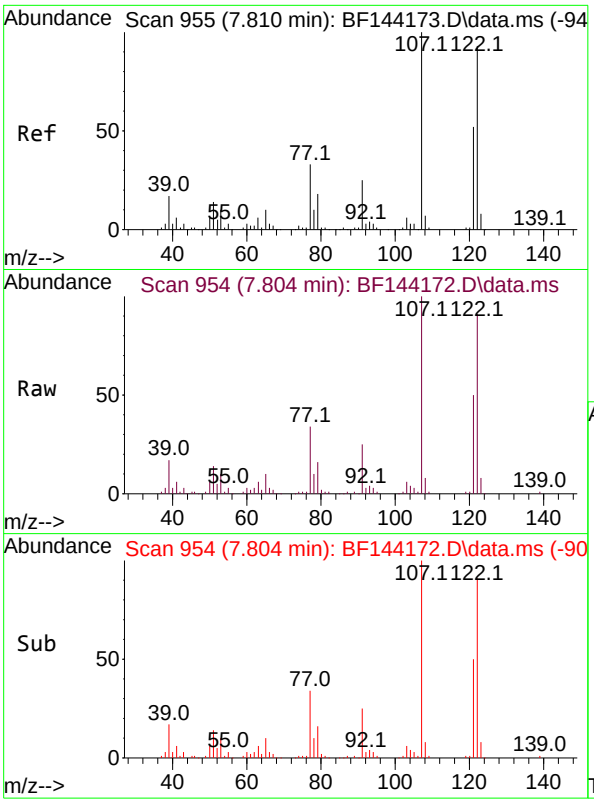




#26
2-Nitrophenol
Concen: 20.572 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:139 Resp: 72909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.5 | 22.2 | 33.2 |
| 65 | 49.8 | 40.7 | 61.1 |



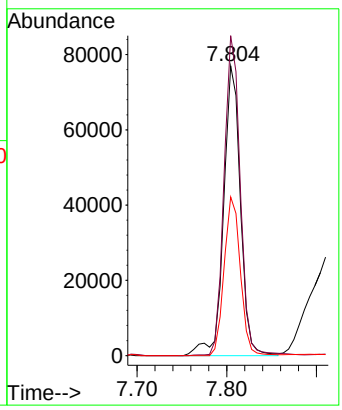


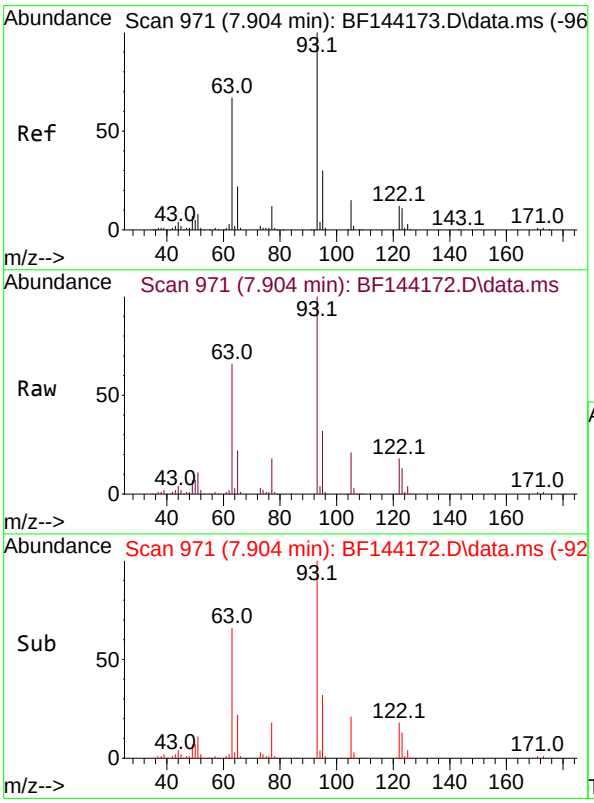

#27
2,4-Dimethylphenol
Concen: 18.981 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:122 Resp: 100827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.4 | 86.2 | 129.4 |
| 121 | 54.8 | 44.6 | 66.8 |

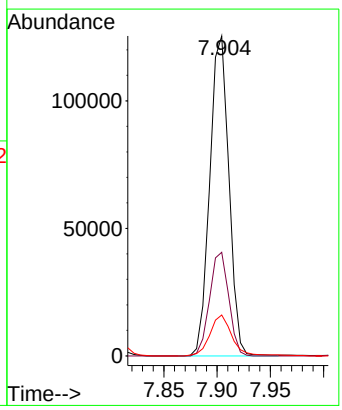


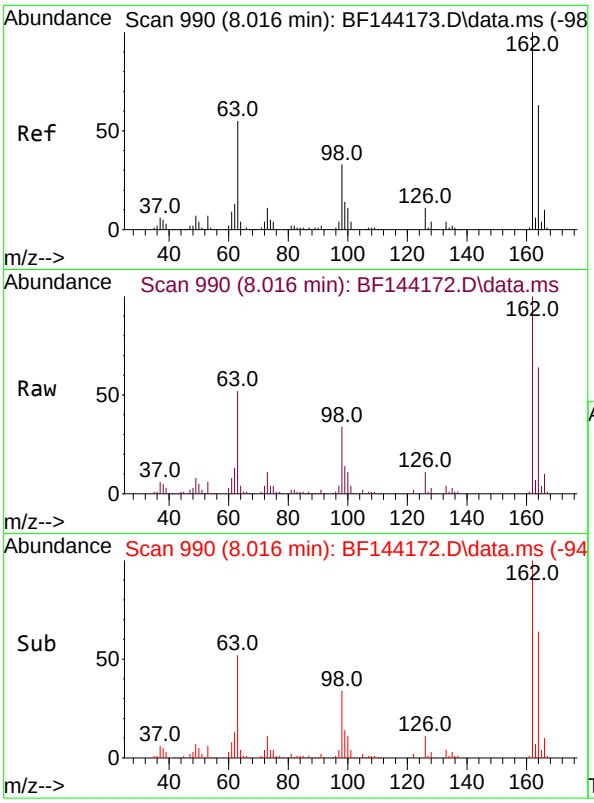




#28
bis(2-Chloroethoxy)methane
Concen: 20.161 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 93 Resp: 157029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 24.2 | 36.4 |
| 123 | 12.8 | 9.0 | 13.4 |



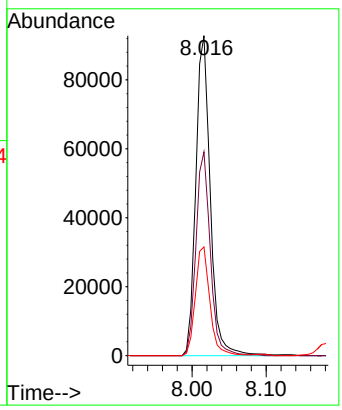


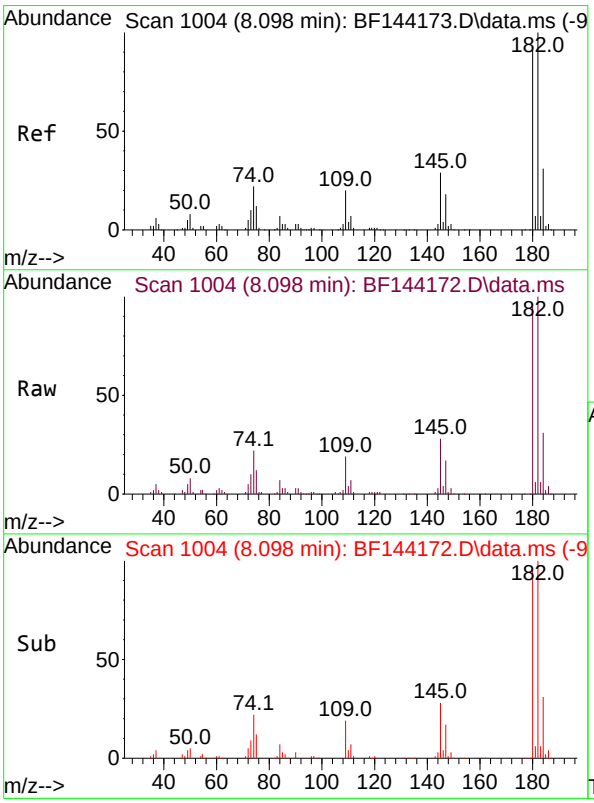

#29
2,4-Dichlorophenol
Concen: 20.548 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:162 Resp: 125803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.7 | 42.9 | 82.9 |
| 98 | 34.0 | 13.3 | 53.3 |

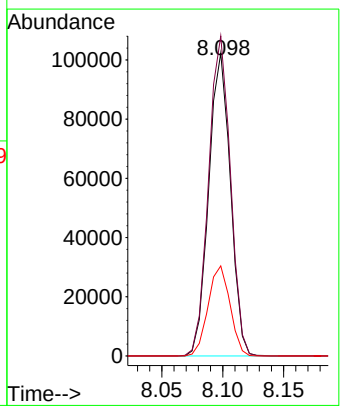


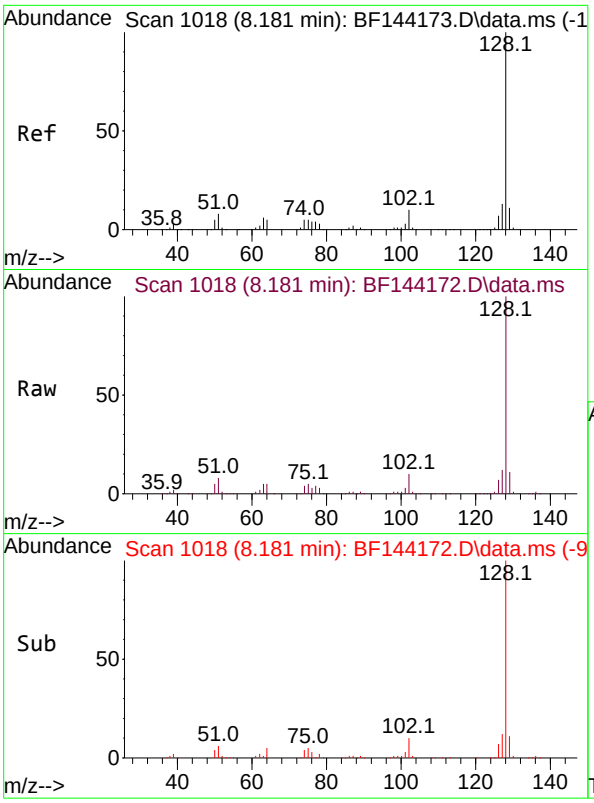




#30
1,2,4-Trichlorobenzene
Concen: 20.106 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:180 Resp: 126402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 105.7 | 87.7 | 131.5 |
| 145 | 29.7 | 25.4 | 38.0 |



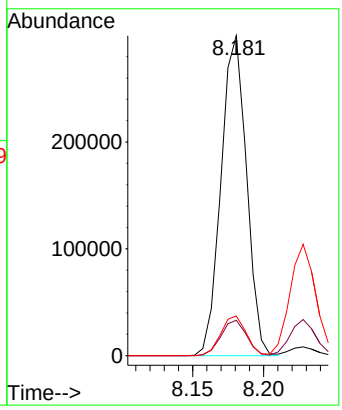


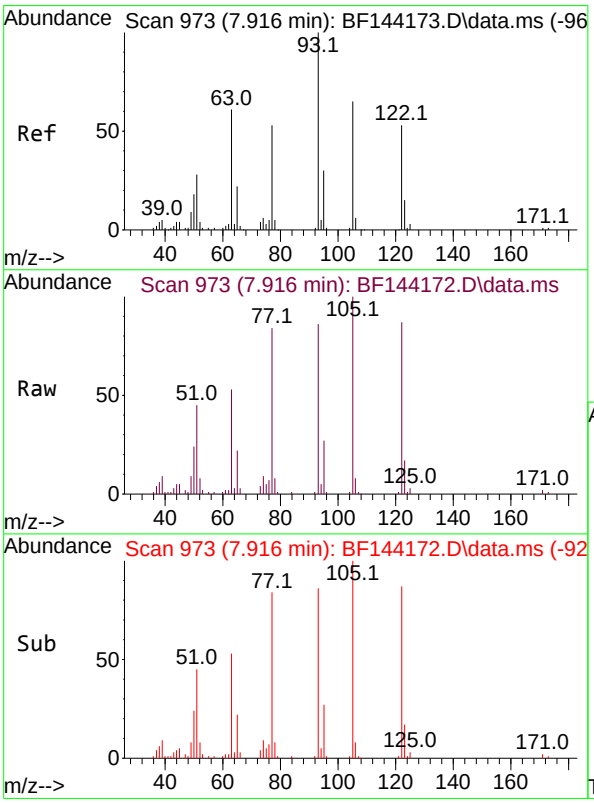

#31
Naphthalene
Concen: 20.643 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:128 Resp: 373973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.9 | 13.3 |
| 127 | 12.4 | 10.3 | 15.5 |

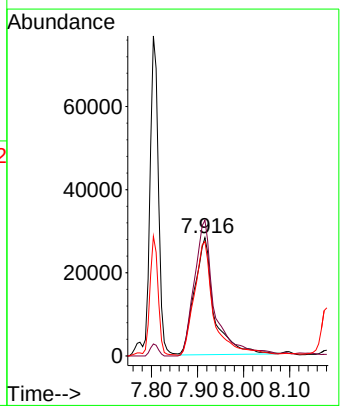


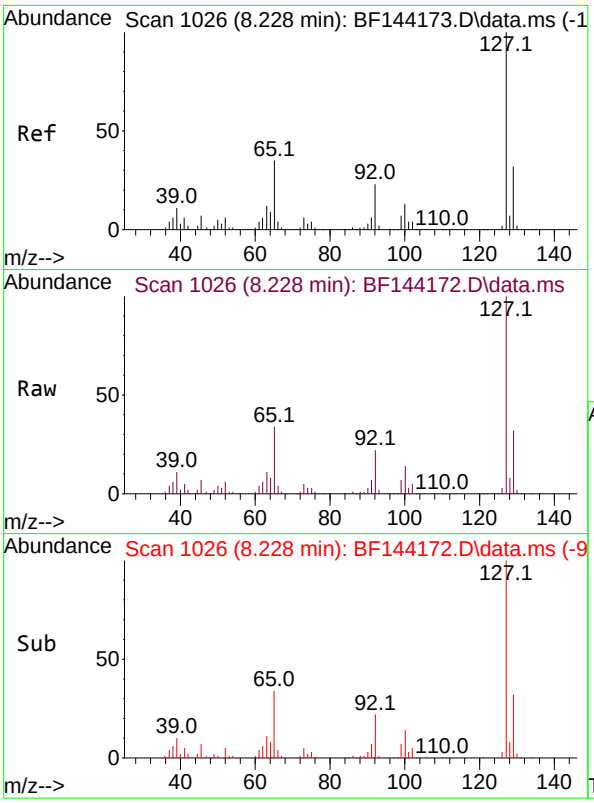




#32
Benzoic acid
Concen: 21.522 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:122 Resp: 83801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 114.8 | 99.9 | 139.9 |
| 77 | 96.8 | 77.5 | 117.5 |



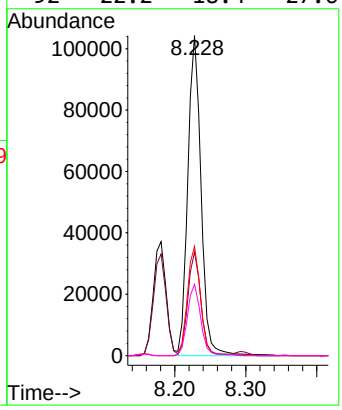


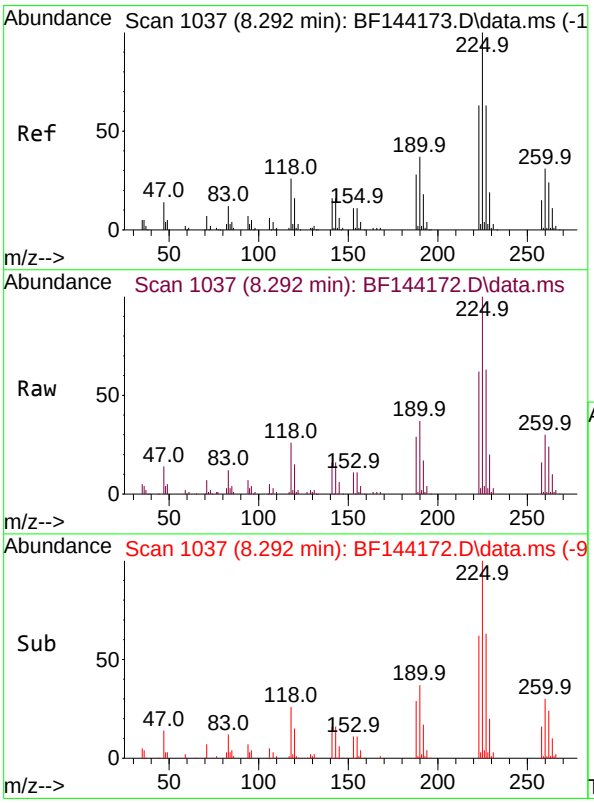

#33
4-Chloroaniline
Concen: 20.474 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:127 Resp: 135273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.3 | 37.9 |
| 65 | 34.1 | 27.6 | 41.4 |
| 92 | 22.2 | 18.4 | 27.6 |

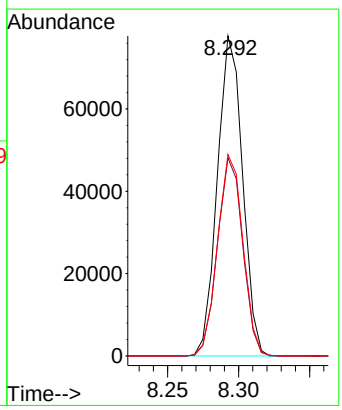


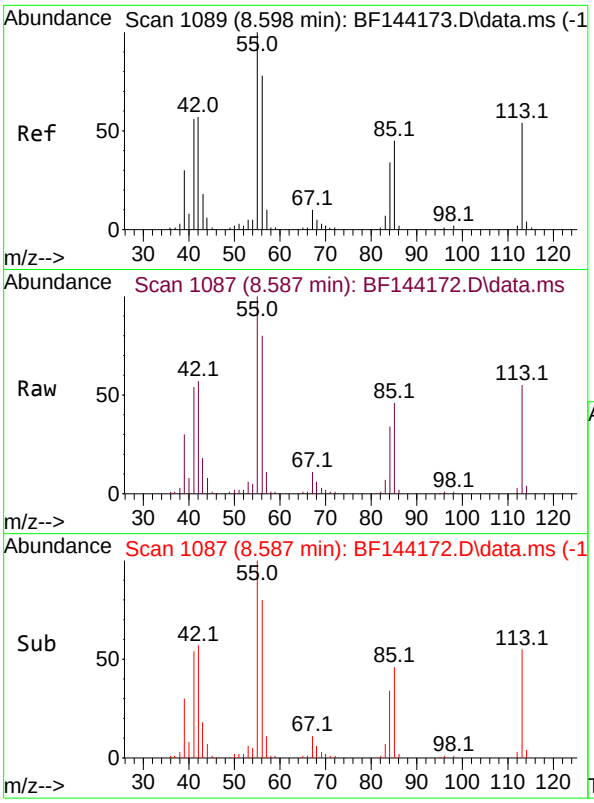




#34
Hexachlorobutadiene
Concen: 20.255 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:225 Resp: 95971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.9 | 50.2 | 75.4 |
| 227 | 62.9 | 50.1 | 75.1 |



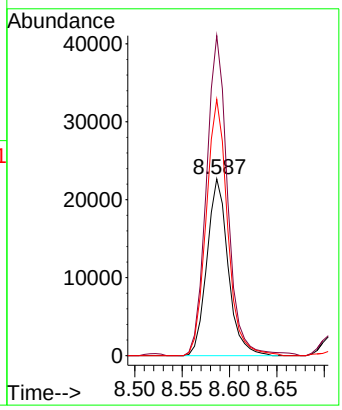


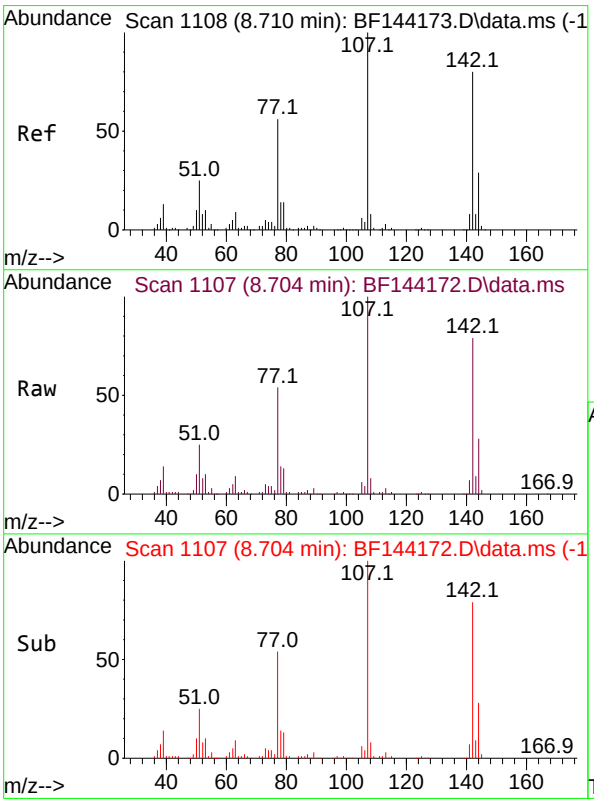

#35
Caprolactam
Concen: 21.028 ng
RT: 8.587 min Scan# 10
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:113 Resp: 35272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 181.1 | 166.8 | 206.8 |
| 56 | 145.1 | 125.9 | 165.9 |

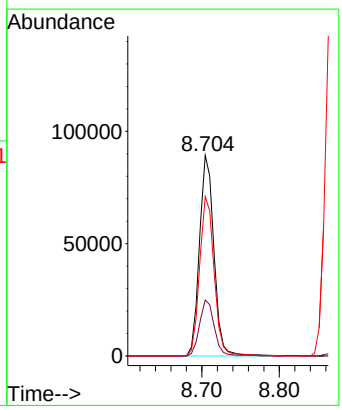


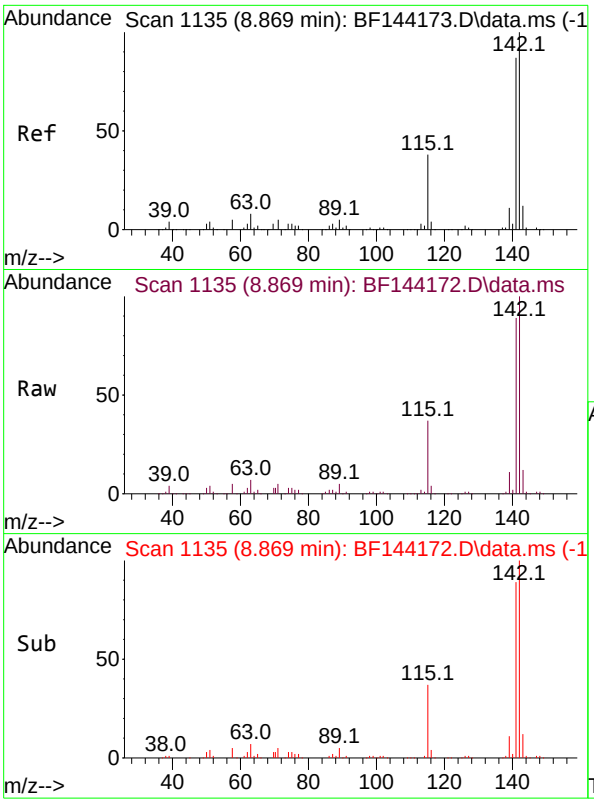




#36
4-Chloro-3-methylphenol
Concen: 21.069 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 115603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.9 | 23.3 | 34.9 |
| 142 | 79.4 | 63.8 | 95.6 |



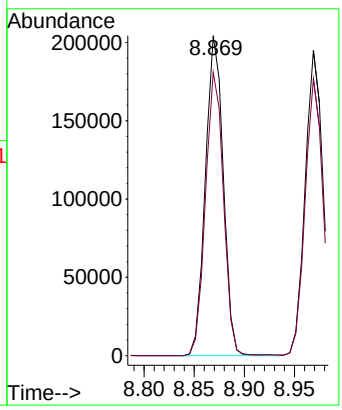


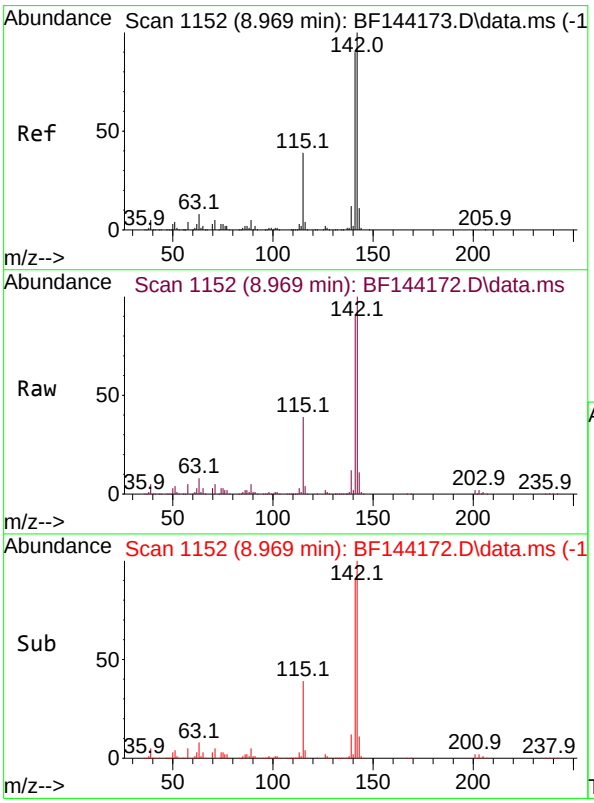

#37
2-Methylnaphthalene
Concen: 20.905 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:142 Resp: 253201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 69.9 | 104.9 |

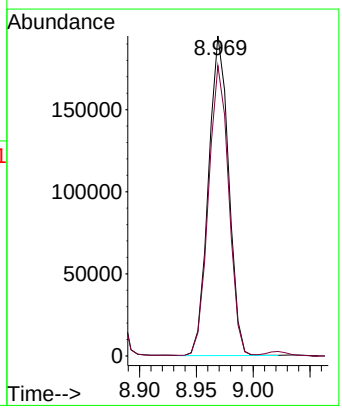


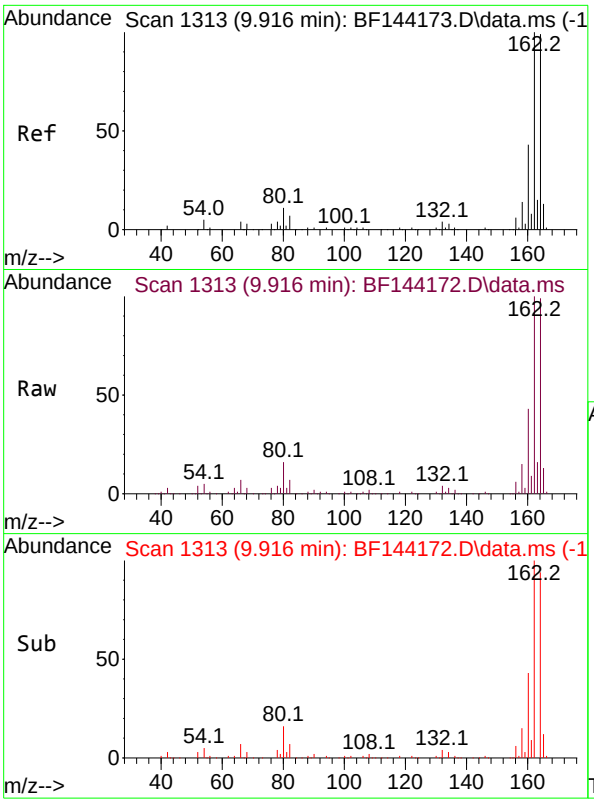




#38
1-Methylnaphthalene
Concen: 20.588 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:142 Resp: 240612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 72.1 | 108.1 |



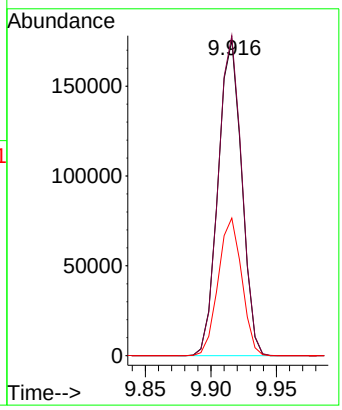


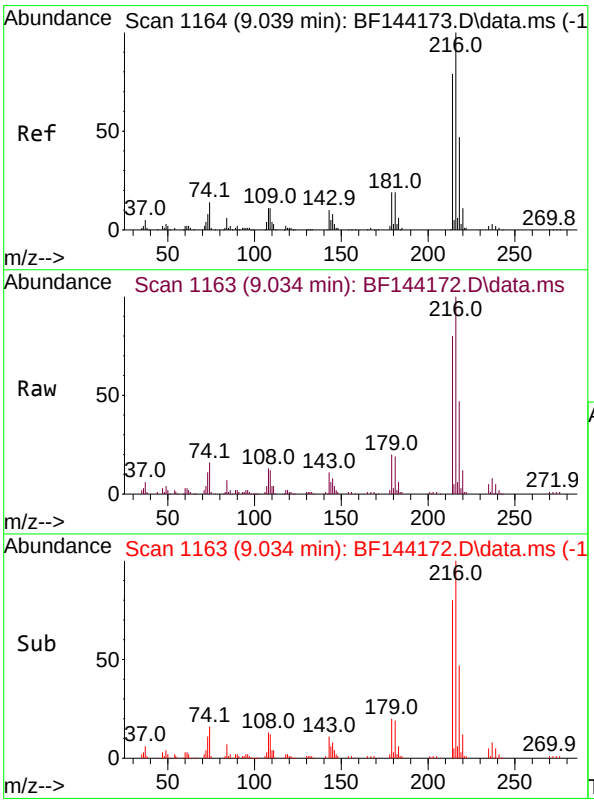

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:164 Resp: 220087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 81.1 | 121.7 |
| 160 | 43.6 | 34.5 | 51.7 |

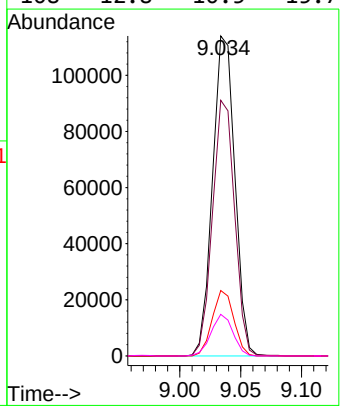


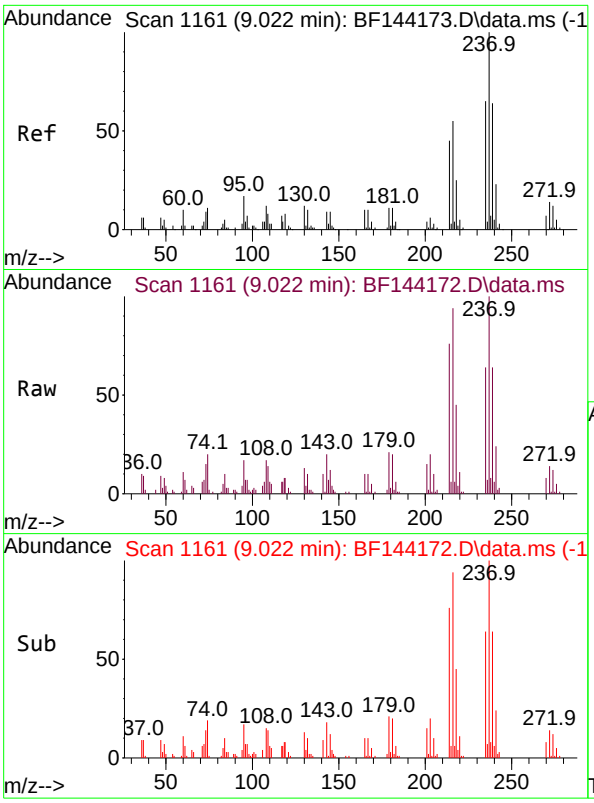




#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.100 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:216 Resp: 144980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.3 | 63.4 | 95.2 |
| 179 | 19.8 | 15.0 | 22.4 |
| 108 | 12.8 | 10.5 | 15.7 |



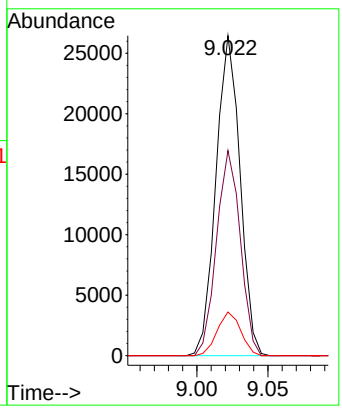


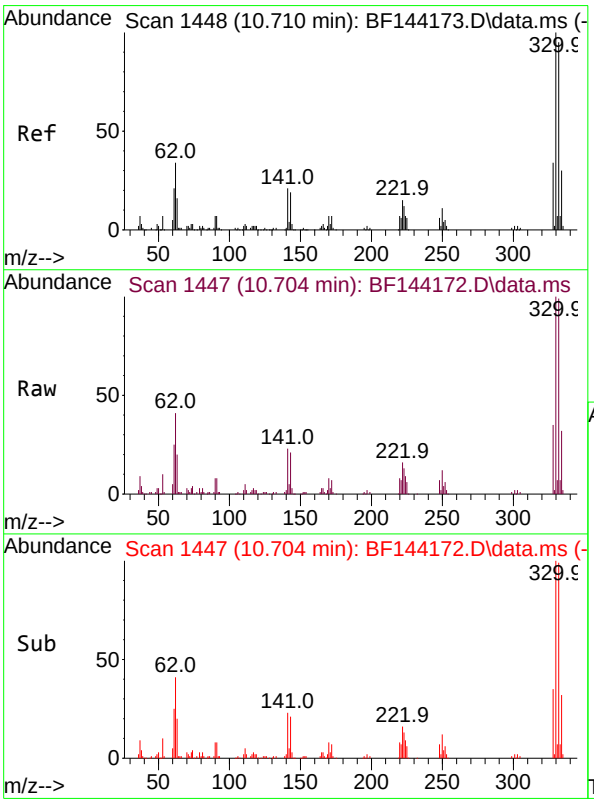

#41
Hexachlorocyclopentadiene
Concen: 18.527 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:237 Resp: 31247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.1 | 45.5 | 85.5 |
| 272 | 13.6 | 0.0 | 33.5 |

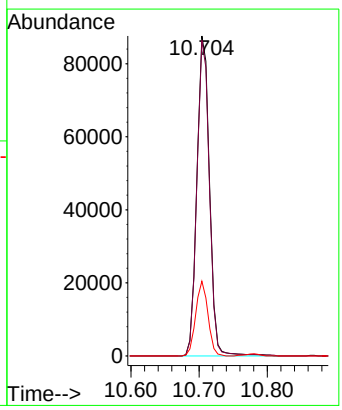


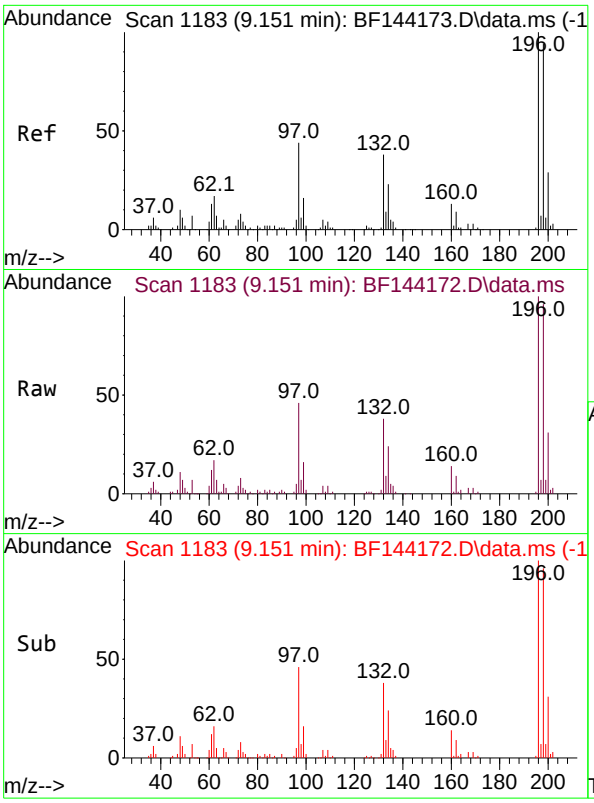




#42
2,4,6-Tribromophenol
Concen: 40.889 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:330 Resp: 112928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 76.7 | 115.1 |
| 141 | 22.6 | 17.8 | 26.8 |



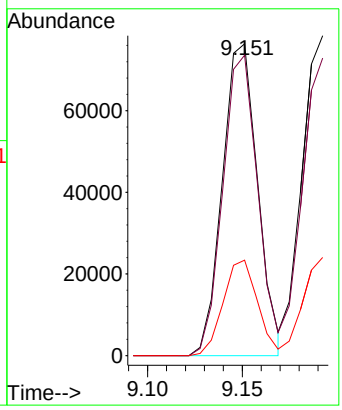


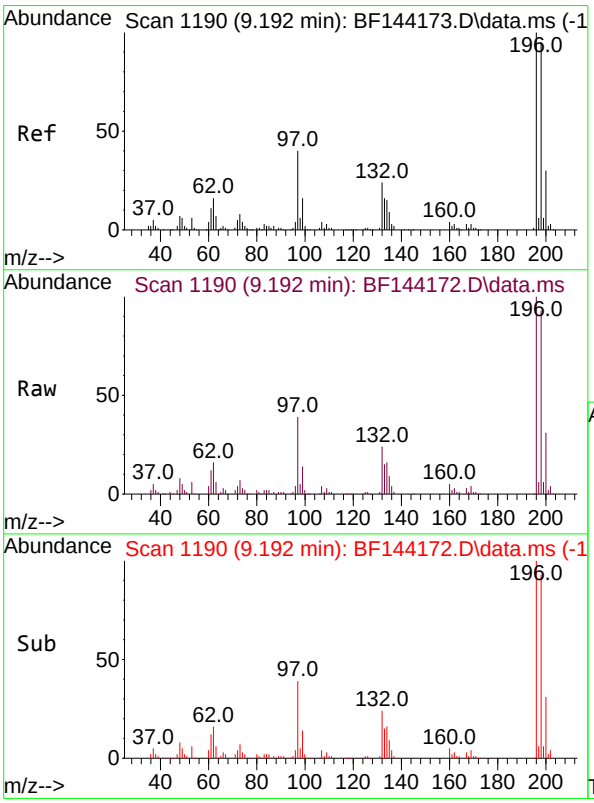

#43
2,4,6-Trichlorophenol
Concen: 20.136 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:196 Resp: 98855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.4 | 75.3 | 112.9 |
| 200 | 30.6 | 23.4 | 35.2 |

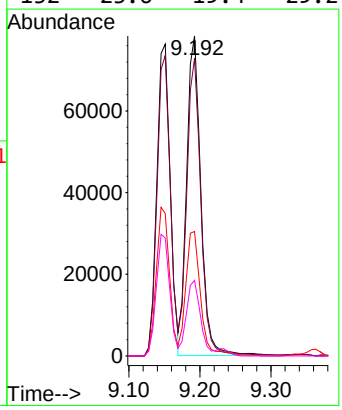


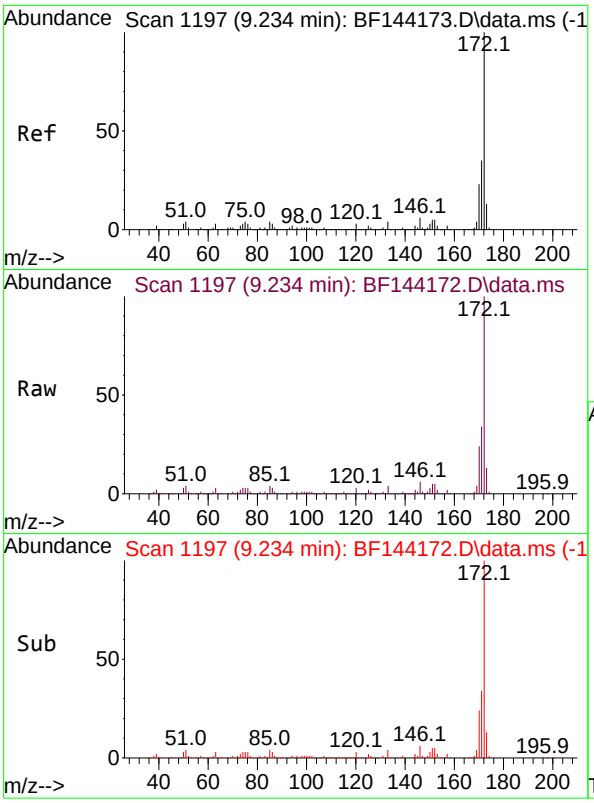




#44
2,4,5-Trichlorophenol
Concen: 20.653 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 109277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.0 | 76.1 | 114.1 |
| 97 | 38.9 | 31.9 | 47.9 |
| 132 | 23.6 | 19.4 | 29.2 |



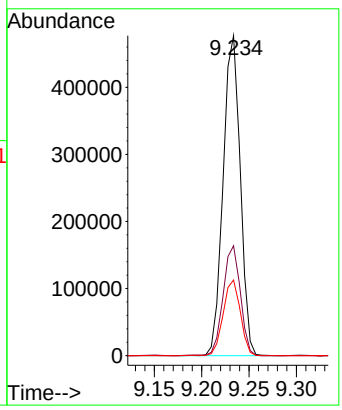


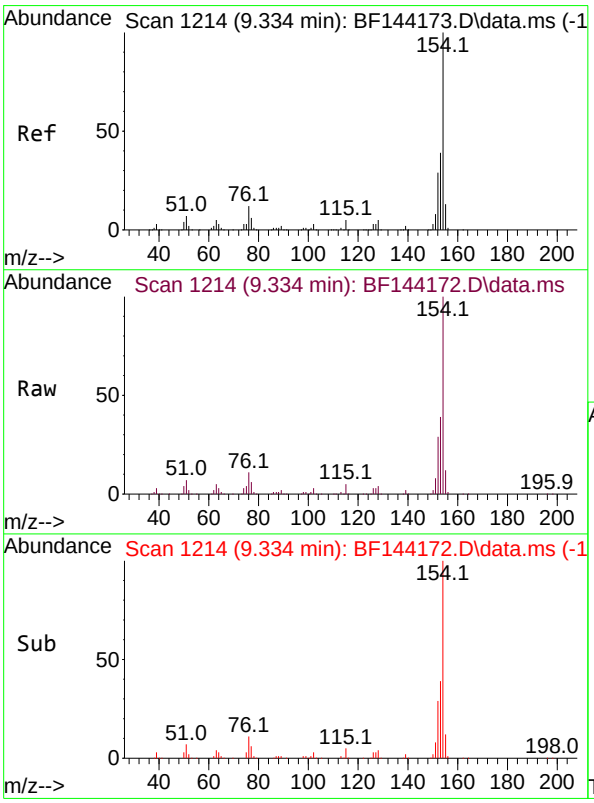

#45
2-Fluorobiphenyl
Concen: 40.208 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:172 Resp: 599169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.1 | 42.1 |
| 170 | 23.6 | 18.6 | 28.0 |

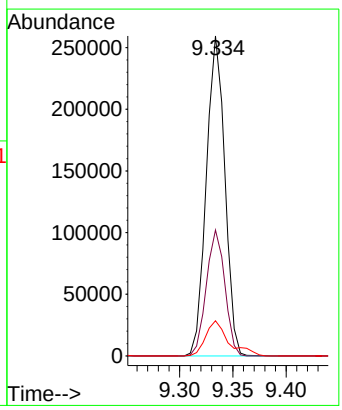


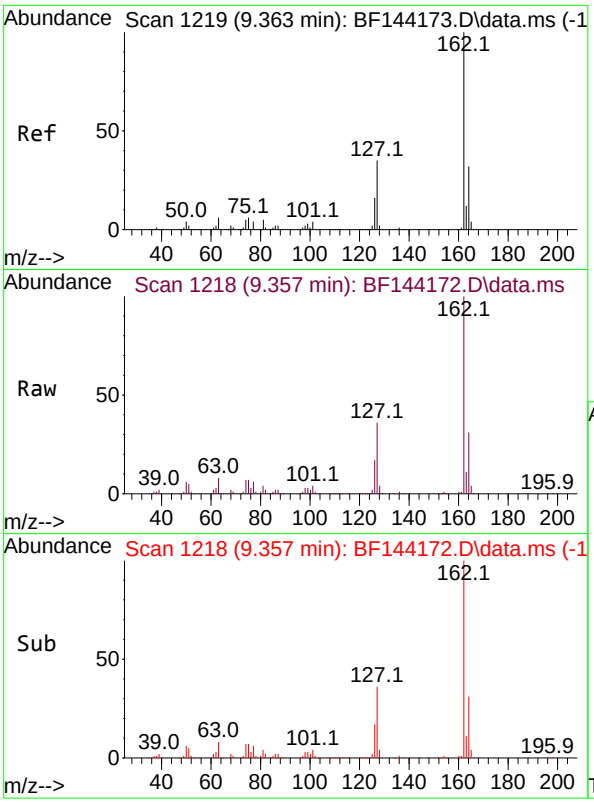




#46
1,1'-Biphenyl
Concen: 20.417 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 313667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.3 | 19.2 | 59.2 |
| 76 | 11.0 | 0.0 | 31.8 |



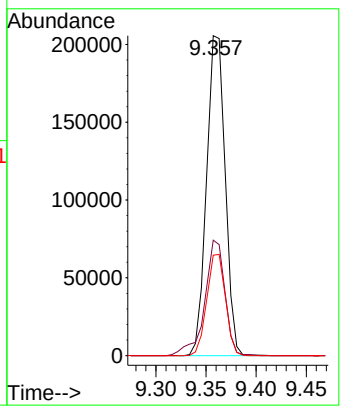


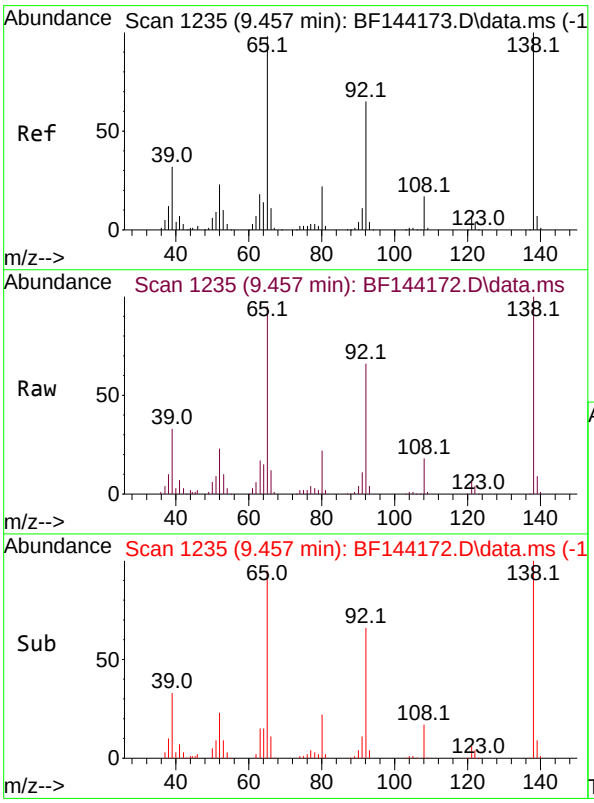

#47
2-Chloronaphthalene
Concen: 20.262 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:162 Resp: 265522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.1 | 28.8 | 43.2 |
| 164 | 31.4 | 25.8 | 38.8 |

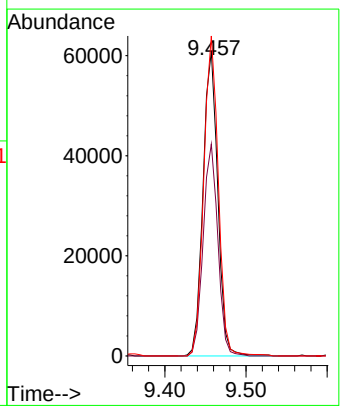


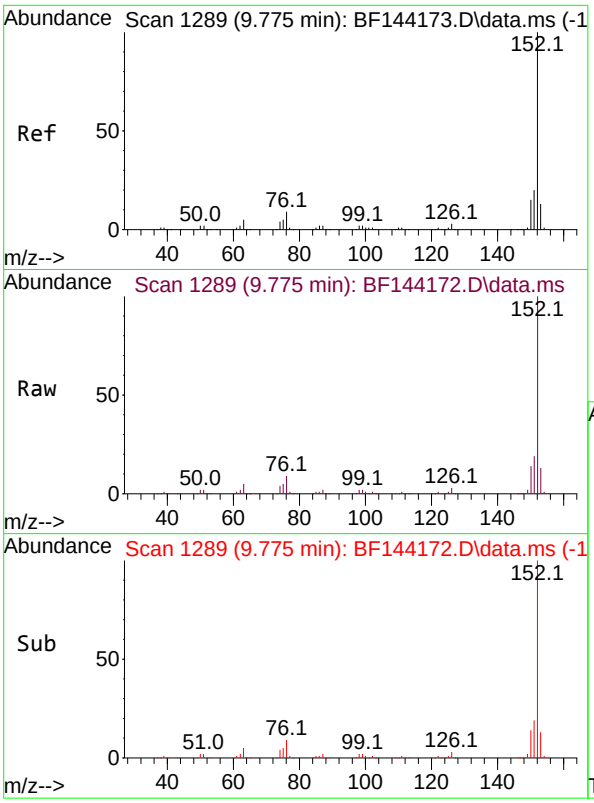




#48
2-Nitroaniline
Concen: 20.308 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 65 Resp: 76785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.5 | 53.0 | 79.6 |
| 138 | 105.1 | 81.6 | 122.4 |



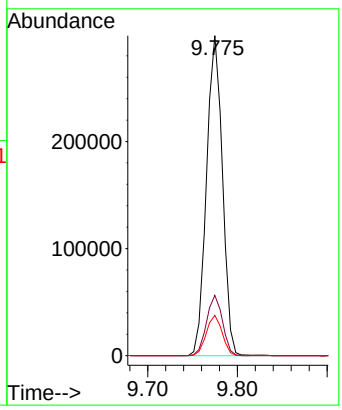


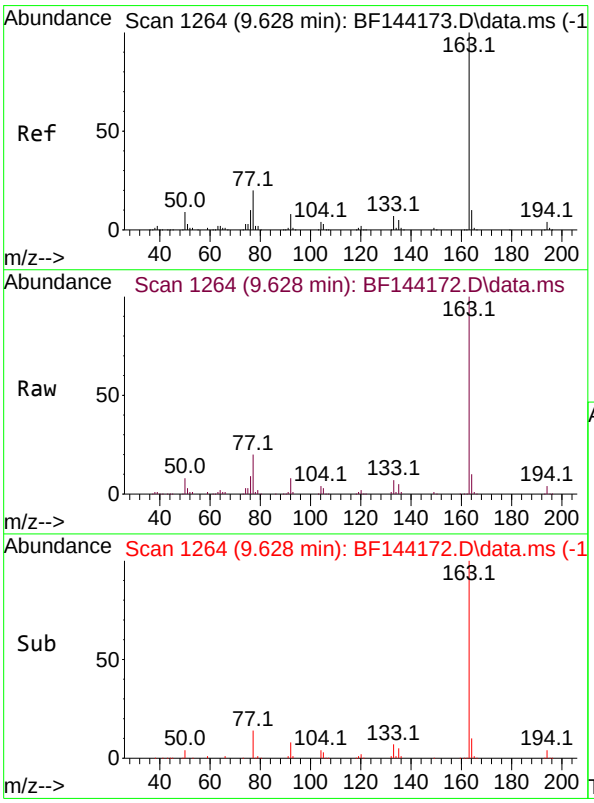

#49
Acenaphthylene
Concen: 20.664 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:152 Resp: 369018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.8 | 15.9 | 23.9 |
| 153 | 12.6 | 10.5 | 15.7 |

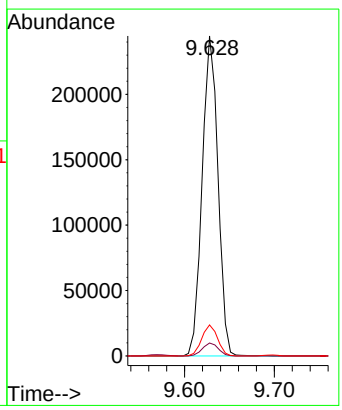


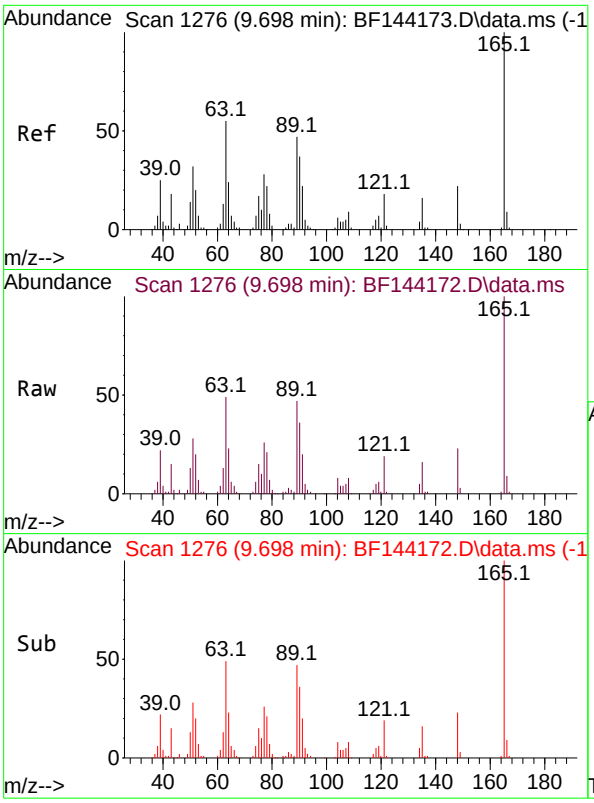




#50
Dimethylphthalate
Concen: 20.516 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:163 Resp: 299125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 9.7 | 8.1 | 12.1 |



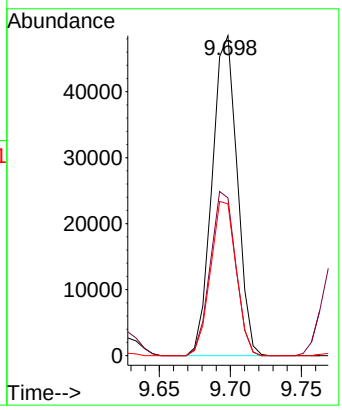


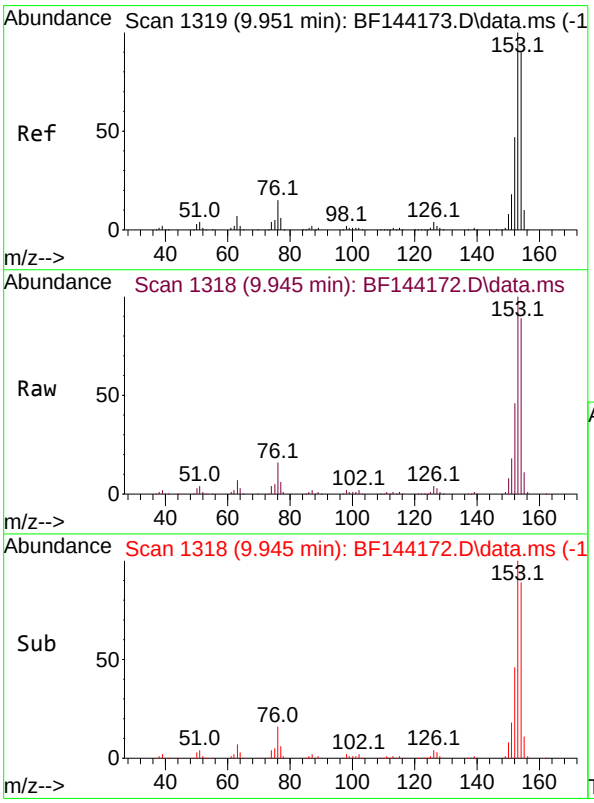

#51
2,6-Dinitrotoluene
Concen: 20.212 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:165 Resp: 59656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.3 | 43.8 | 65.8 |
| 89 | 47.4 | 37.5 | 56.3 |

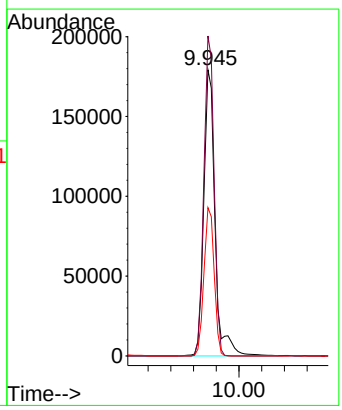


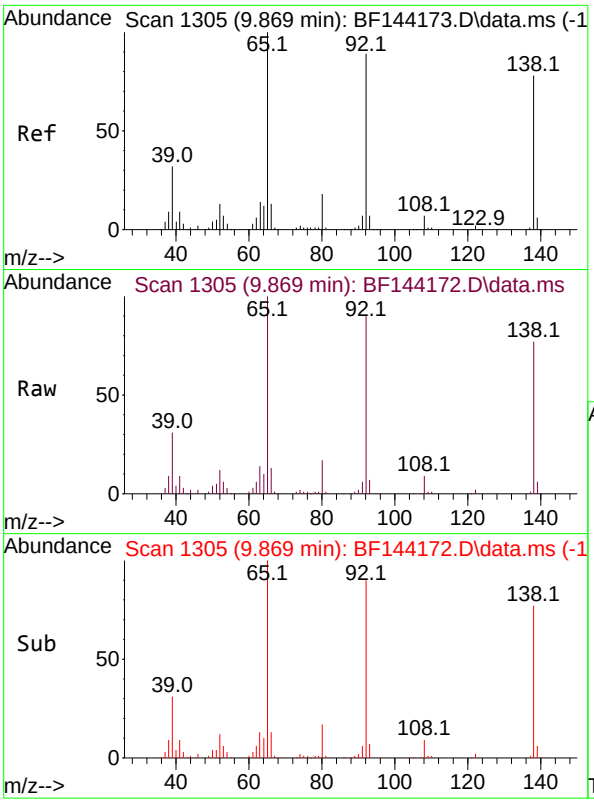




#52
Acenaphthene
Concen: 20.641 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 246497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.9 | 89.0 | 133.4 |
| 152 | 51.8 | 42.2 | 63.4 |



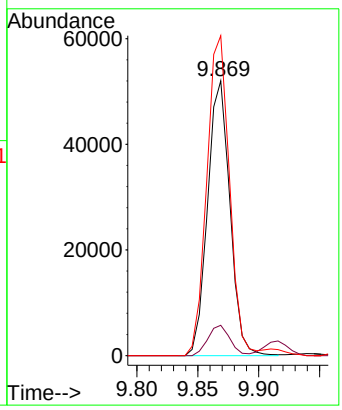


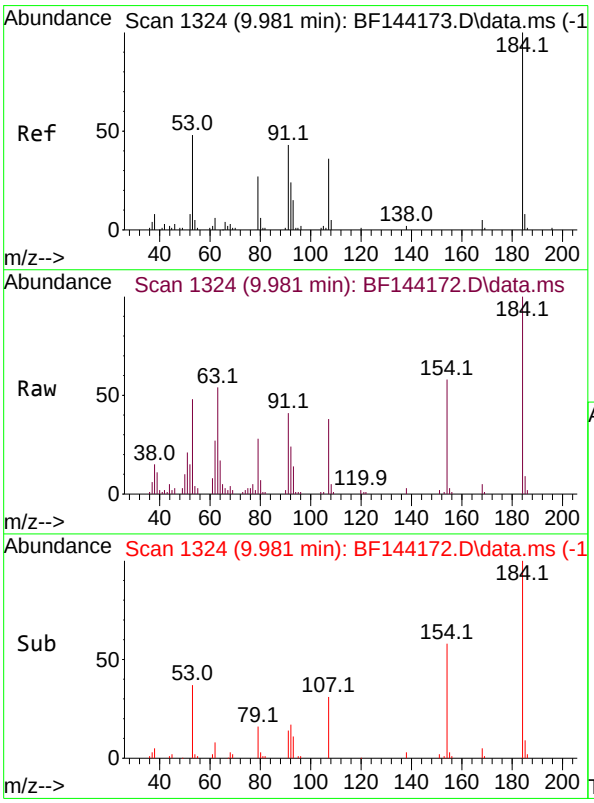

#53
3-Nitroaniline
Concen: 20.623 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:138 Resp: 66539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 7.5 | 11.3 |
| 92 | 116.4 | 91.8 | 137.6 |

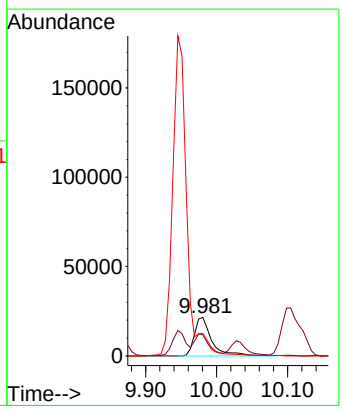


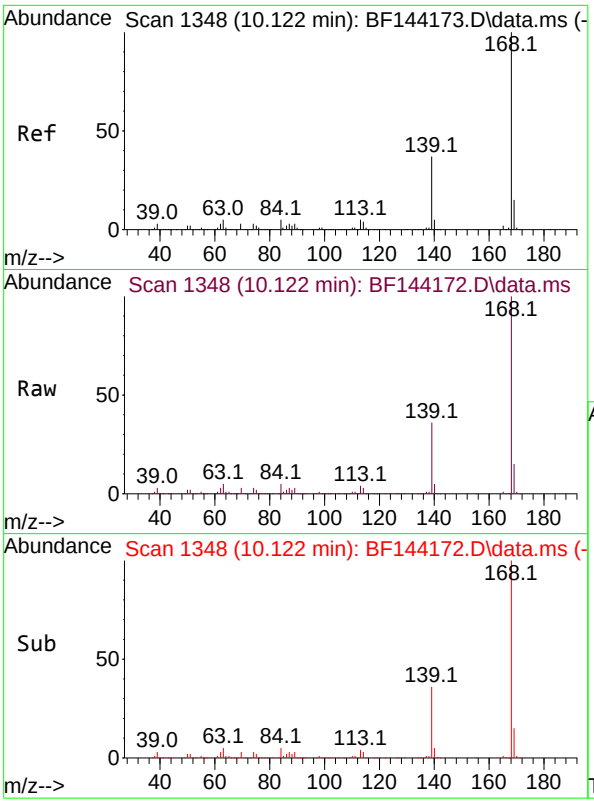




#54
2,4-Dinitrophenol
Concen: 20.453 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:184 Resp: 36453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 54.5 | 44.0 | 66.0 |
| 154 | 58.3 | 42.4 | 63.6 |



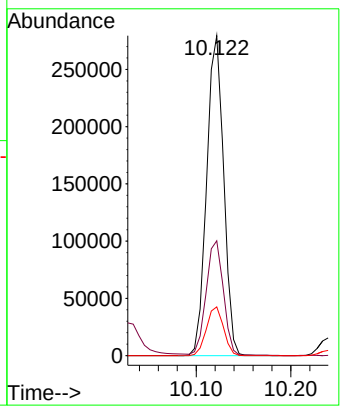


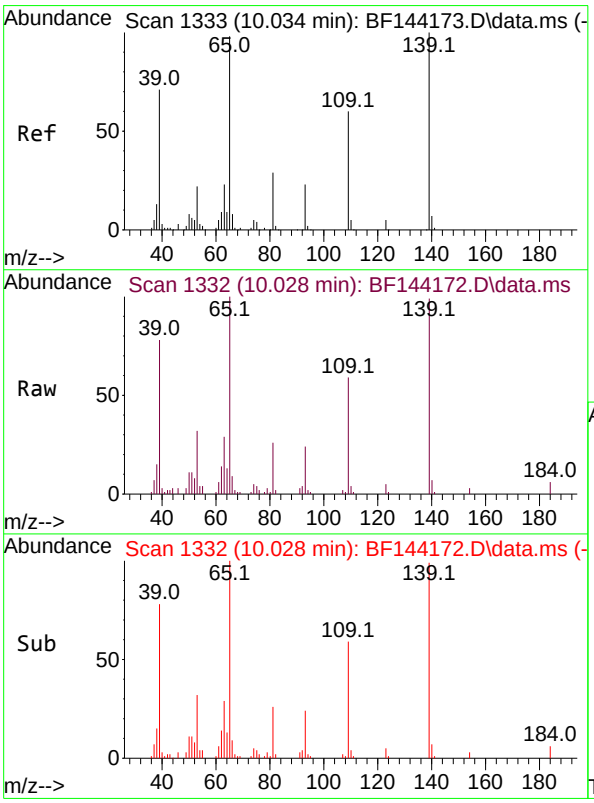

#55
Dibenzofuran
Concen: 20.864 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:168 Resp: 348955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.9 | 30.2 | 45.2 |
| 169 | 15.2 | 12.2 | 18.4 |

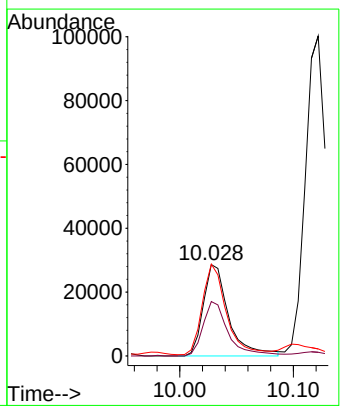


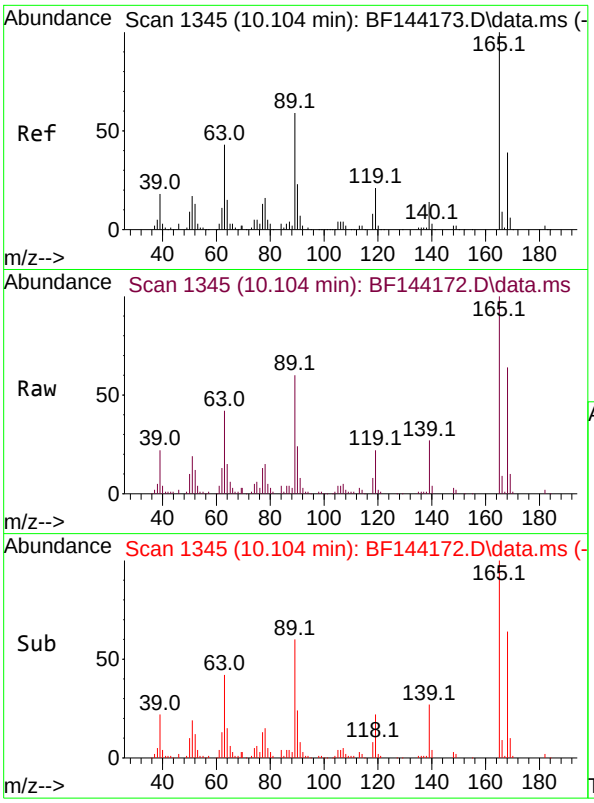




#56
4-Nitrophenol
Concen: 19.003 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:139 Resp: 44352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 59.5 | 39.9 | 79.9 |
| 65 | 100.6 | 79.5 | 119.5 |



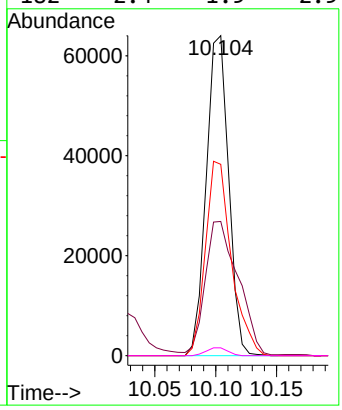


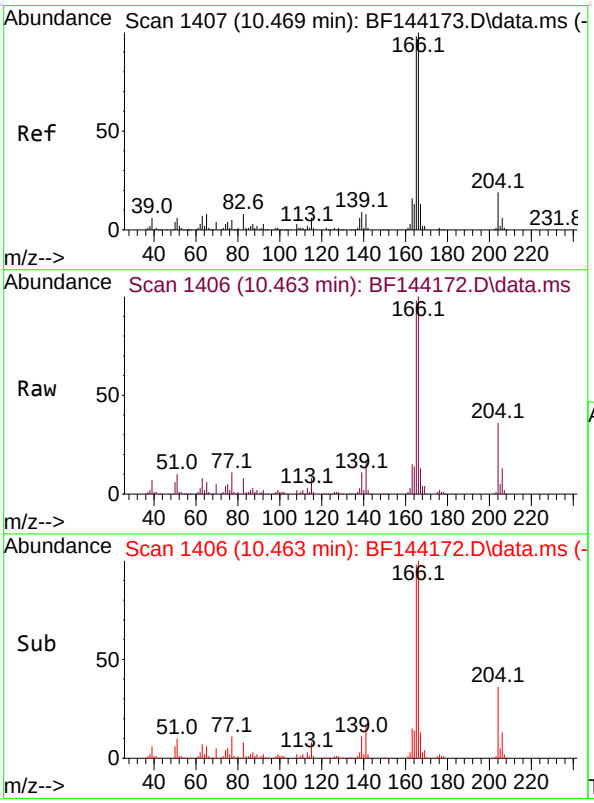

#57
2,4-Dinitrotoluene
Concen: 20.706 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:165 Resp: 81812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.9 | 35.5 | 53.3 |
| 89 | 59.8 | 47.4 | 71.2 |
| 182 | 2.4 | 1.9 | 2.9 |

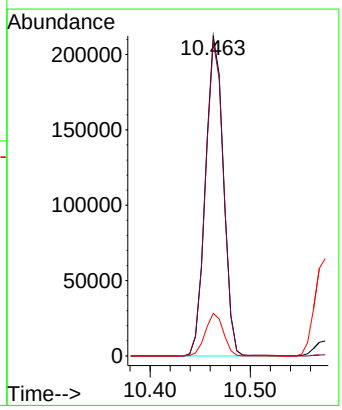


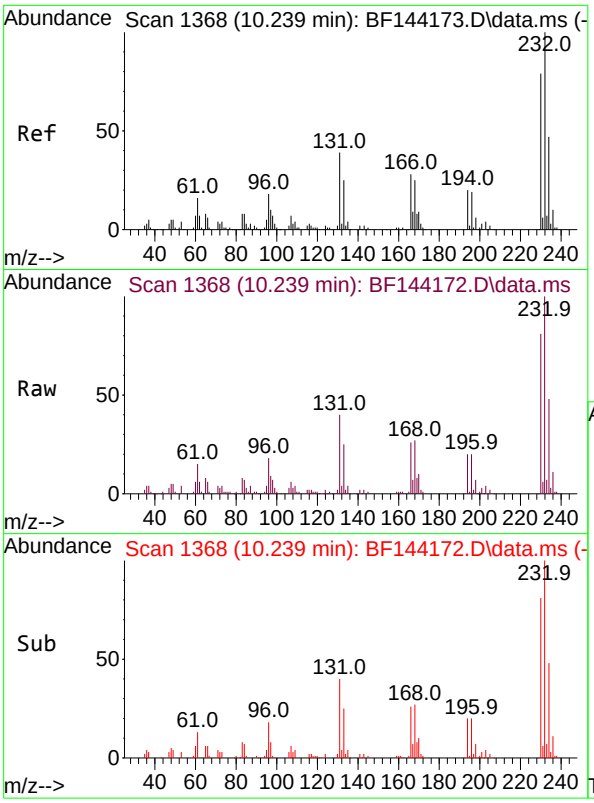




#58
Fluorene
Concen: 20.725 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:166 Resp: 263546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 78.6 | 118.0 |
| 167 | 13.3 | 10.4 | 15.6 |



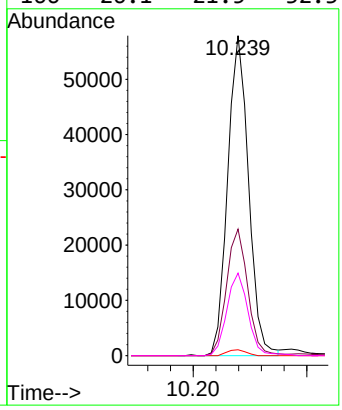


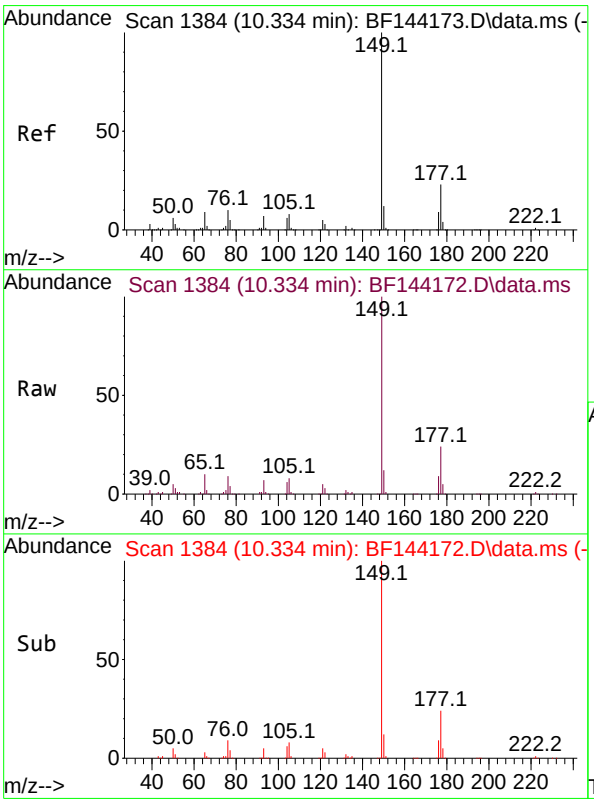

#59
2,3,4,6-Tetrachlorophenol
Concen: 19.762 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:232 Resp: 73978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.2 | 30.3 | 45.5 |
| 130 | 1.6 | 1.2 | 1.8 |
| 166 | 26.1 | 21.5 | 32.3 |

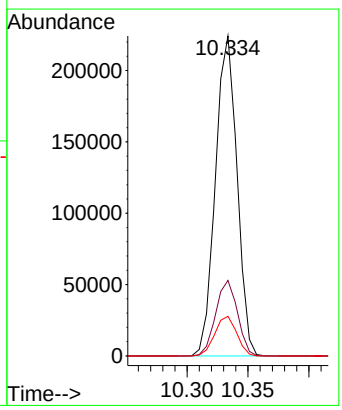


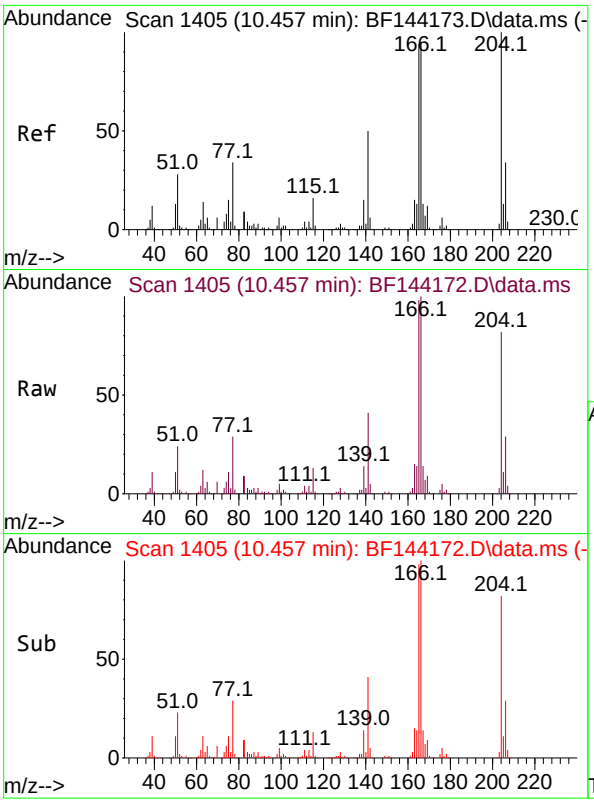




#60
Diethylphthalate
Concen: 20.535 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 276008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.6 | 18.3 | 27.5 |
| 150 | 12.4 | 9.8 | 14.6 |



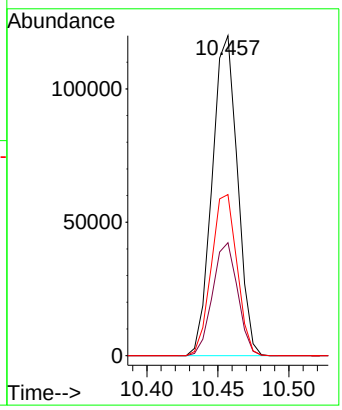


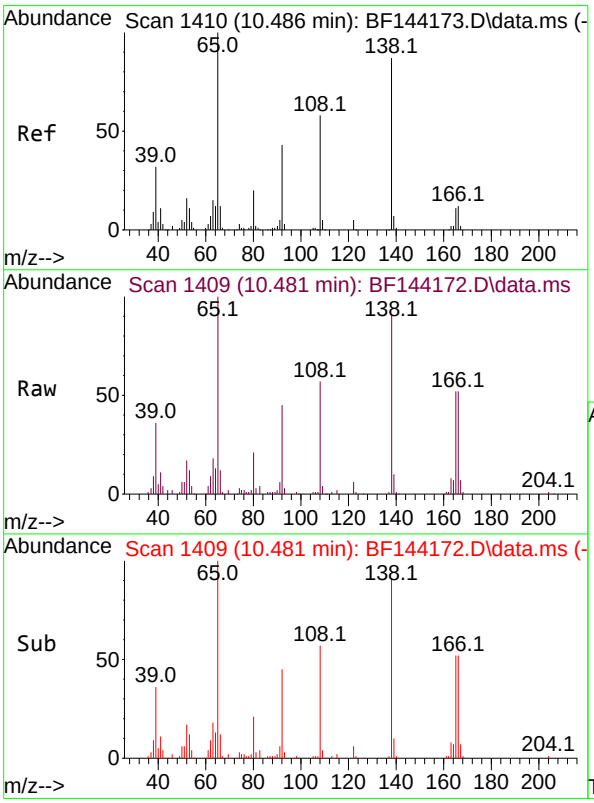

#61
4-Chlorophenyl-phenylether
Concen: 20.595 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:204 Resp: 149181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.3 | 27.4 | 41.2 |
| 141 | 50.3 | 40.0 | 60.0 |

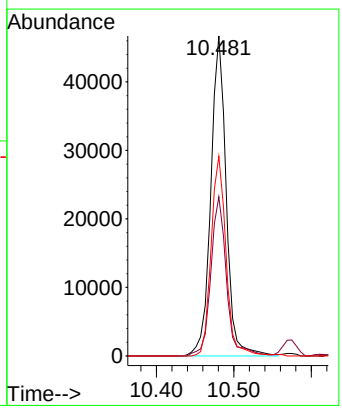


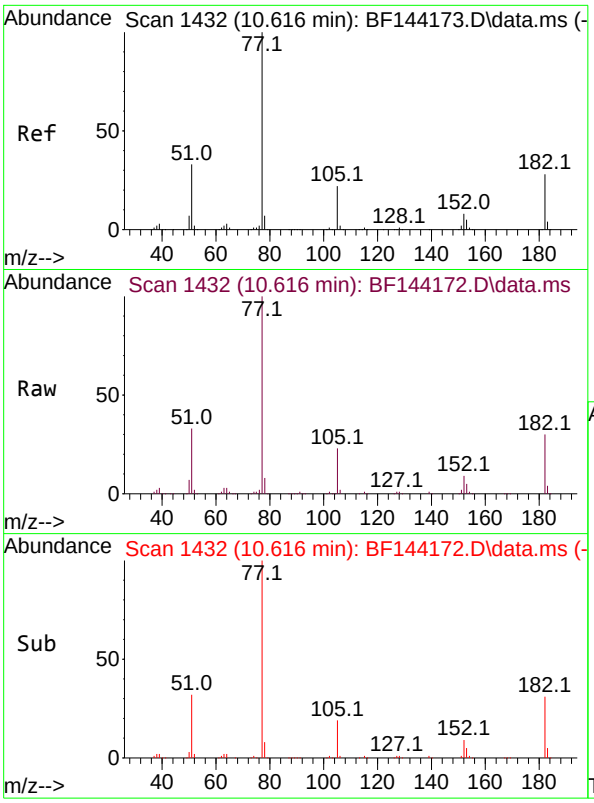




#62
4-Nitroaniline
Concen: 20.987 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:138 Resp: 64484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.7 | 29.4 | 69.4 |
| 108 | 62.4 | 46.4 | 86.4 |



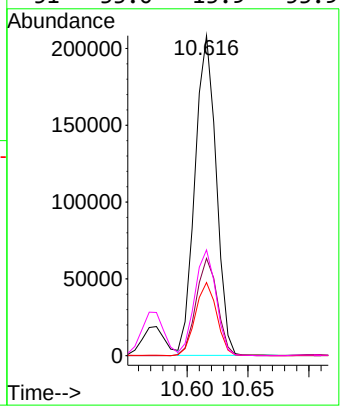


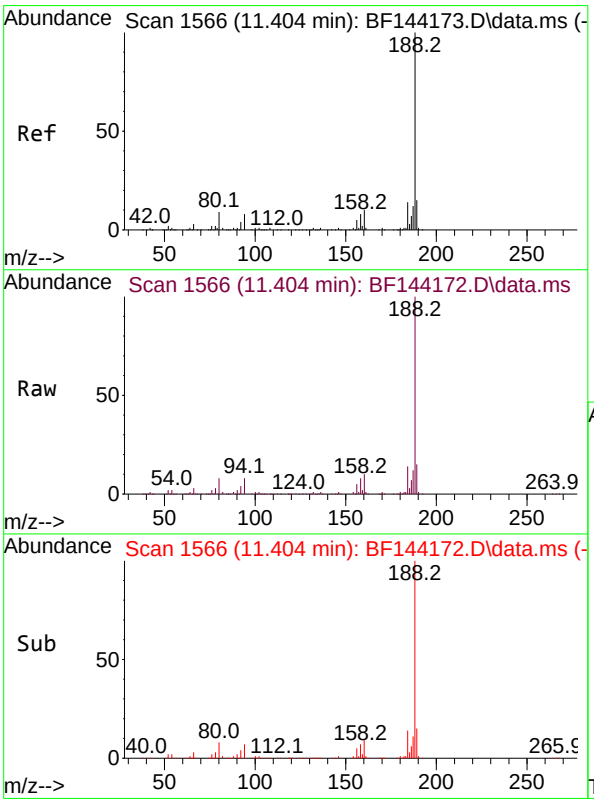

#63
Azobenzene
Concen: 20.147 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 77 Resp: 252025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.4 | 8.1 | 48.1 |
| 105 | 22.8 | 2.0 | 42.0 |
| 51 | 33.0 | 13.9 | 53.9 |

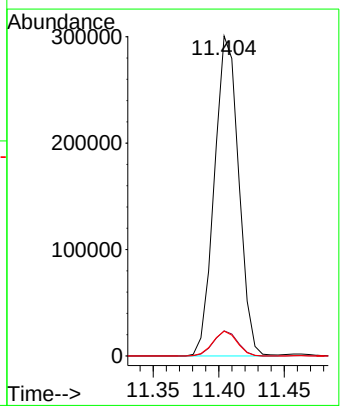


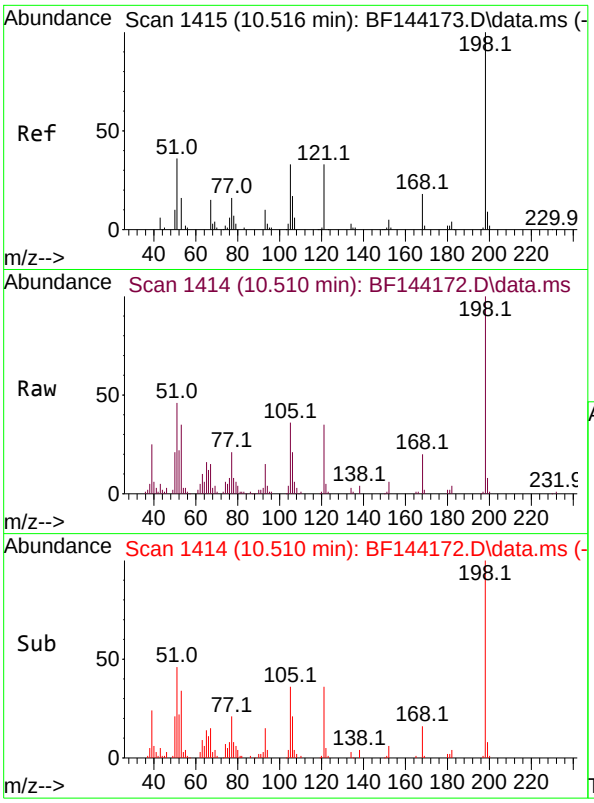




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:188 Resp: 388430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.2 | 9.2 |
| 80 | 7.7 | 6.9 | 10.3 |



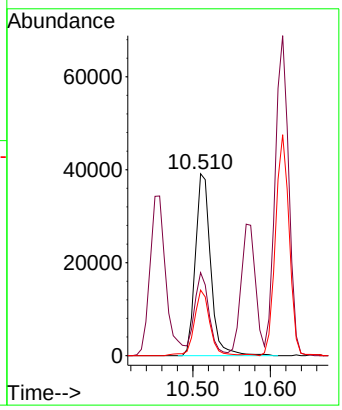


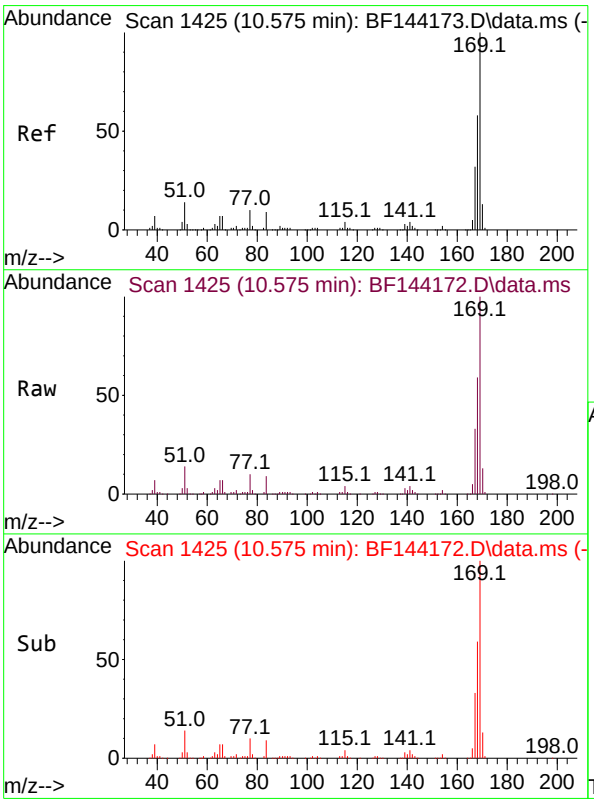

#65
4,6-Dinitro-2-methylphenol
Concen: 20.307 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:198 Resp: 53585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.6 | 25.6 | 65.6 |
| 105 | 36.0 | 14.6 | 54.6 |

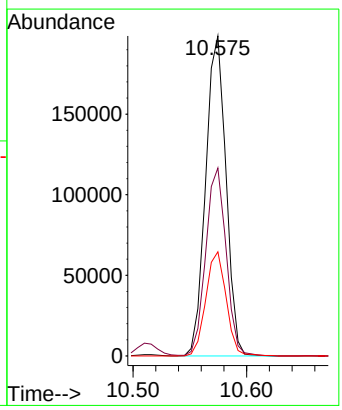


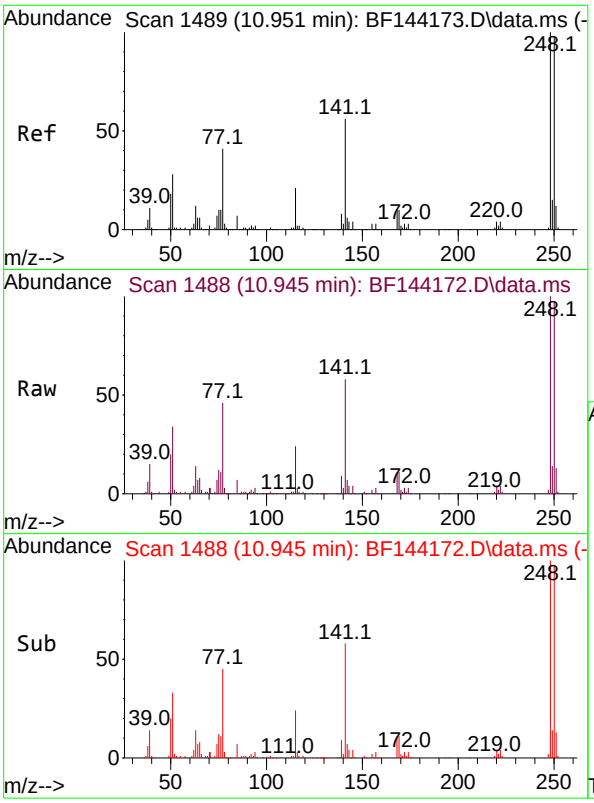




#66
n-Nitrosodiphenylamine
Concen: 19.743 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:169 Resp: 246642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 58.7 | 46.2 | 69.2 |
| 167 | 32.5 | 25.7 | 38.5 |



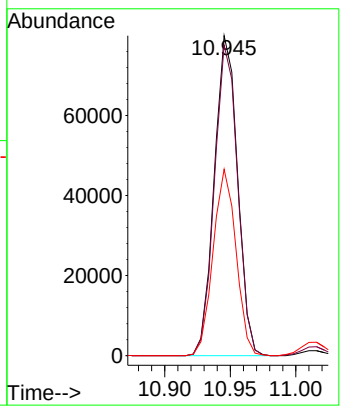


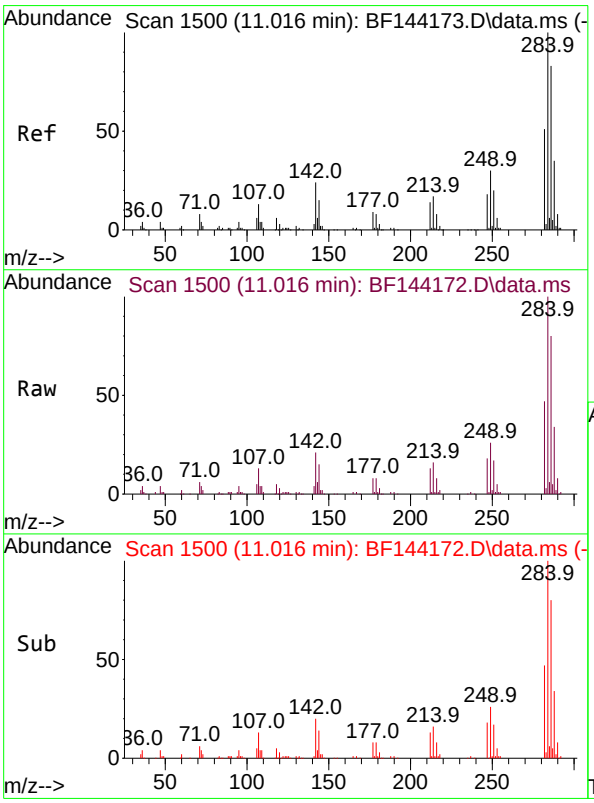

#67
4-Bromophenyl-phenylether
Concen: 19.959 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:248 Resp: 98958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 78.4 | 117.6 |
| 141 | 58.2 | 45.1 | 67.7 |

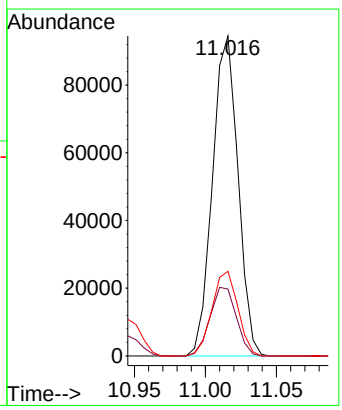


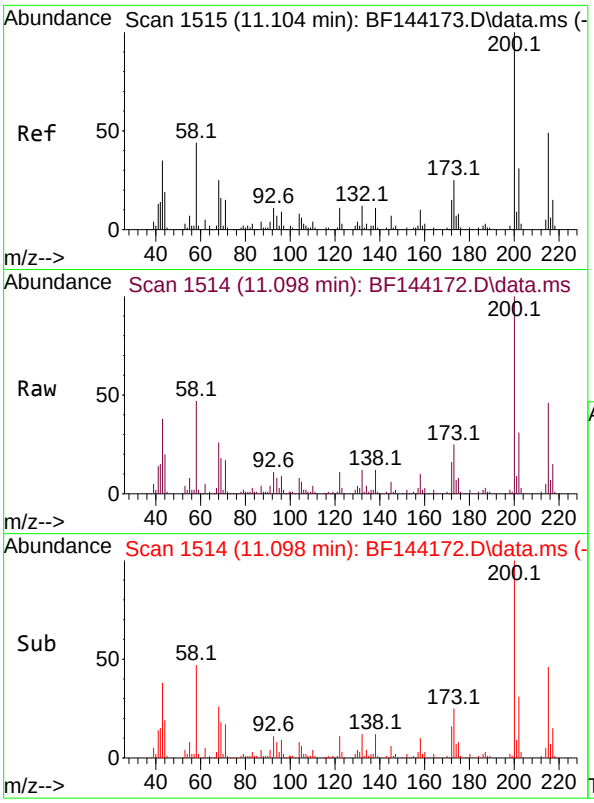




#68
Hexachlorobenzene
Concen: 20.279 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:284 Resp: 118426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 20.9 | 19.2 | 28.8 |
| 249 | 26.4 | 23.8 | 35.8 |



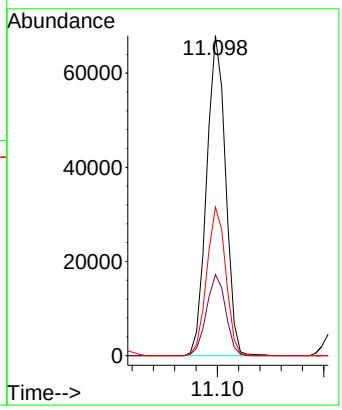


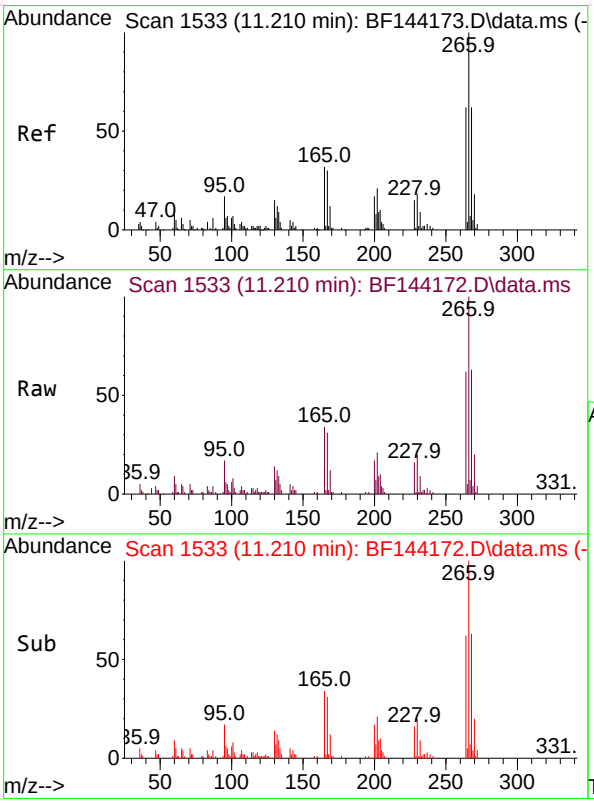

#69
Atrazine
Concen: 21.052 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:200 Resp: 83639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.3 | 5.0 | 45.0 |
| 215 | 46.4 | 28.7 | 68.7 |

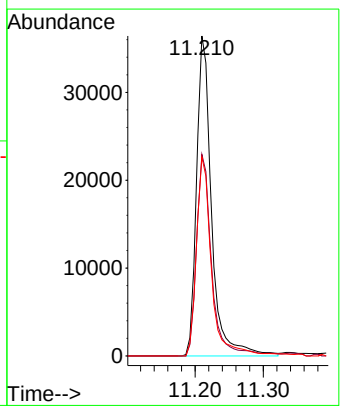


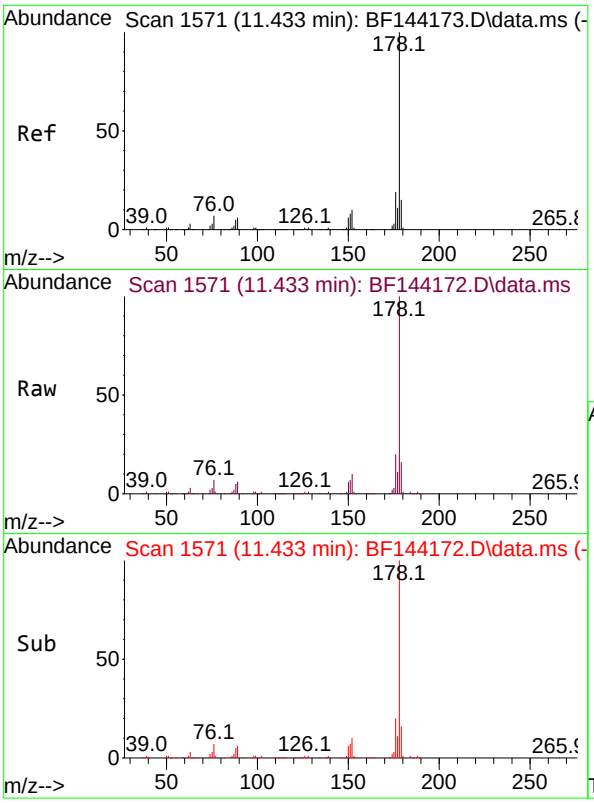




#70
Pentachlorophenol
Concen: 19.177 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:266 Resp: 55766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.0 | 49.5 | 74.3 |
| 264 | 62.1 | 49.4 | 74.2 |



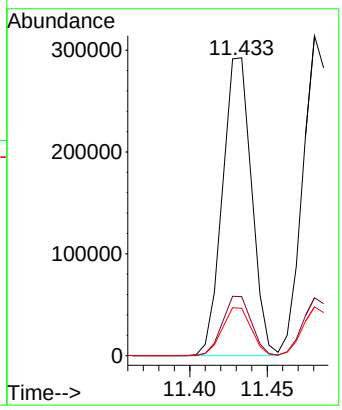


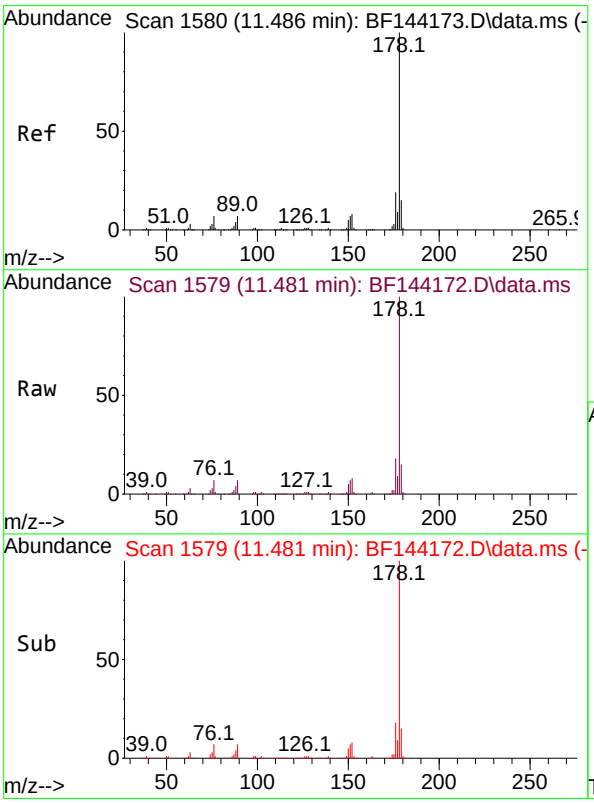

#71
Phenanthrene
Concen: 19.794 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:178 Resp: 382805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.5 | 23.3 |
| 179 | 15.9 | 12.2 | 18.4 |

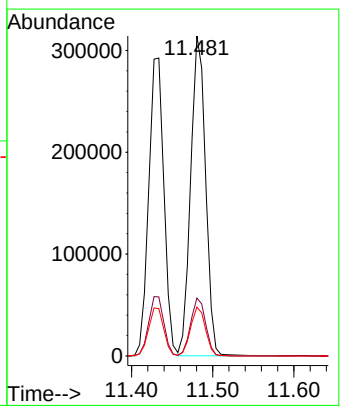


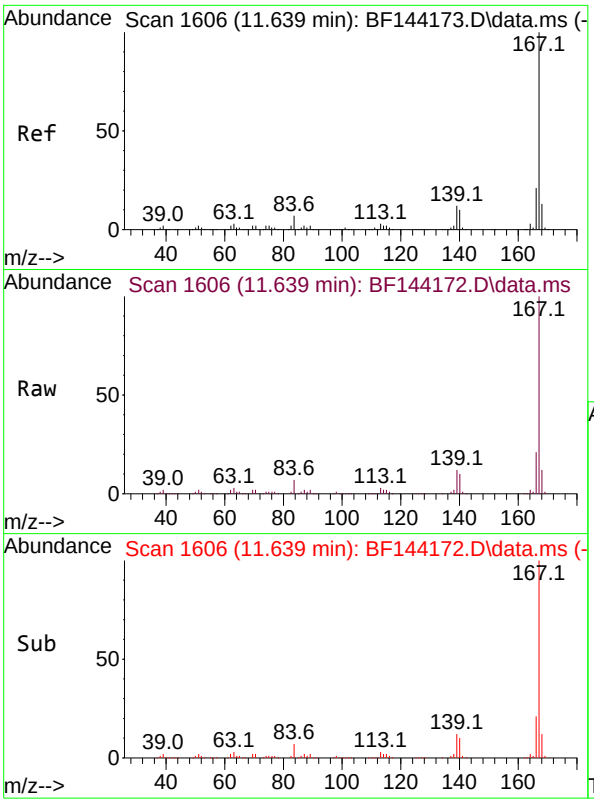




#72
Anthracene
Concen: 20.292 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:178 Resp: 399043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.1 | 15.3 | 22.9 |
| 179 | 15.3 | 12.0 | 18.0 |



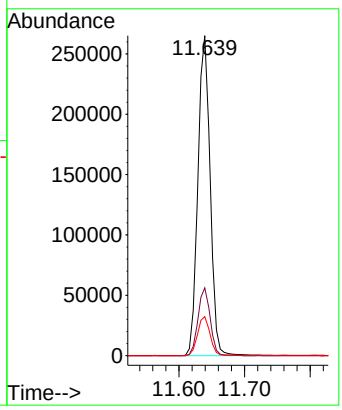


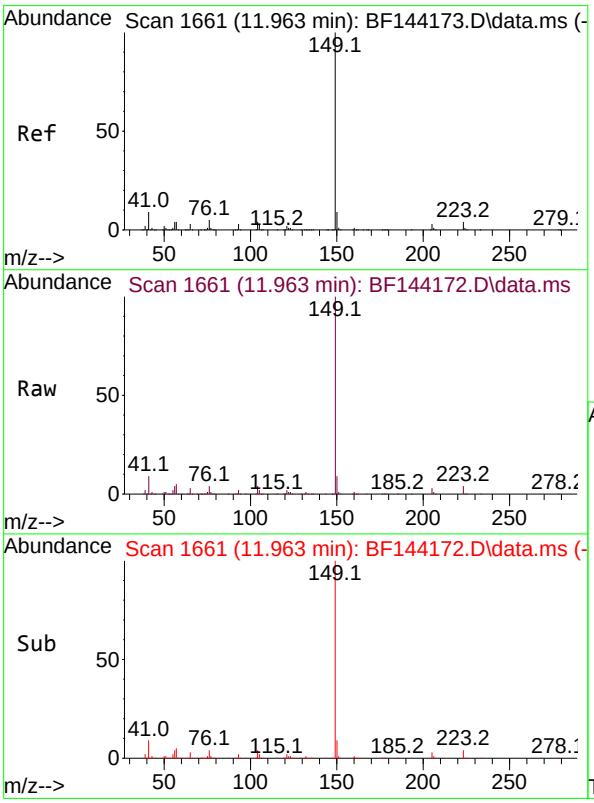

#73
Carbazole
Concen: 20.490 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:167 Resp: 342636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.2 | 25.8 |
| 139 | 12.2 | 9.9 | 14.9 |

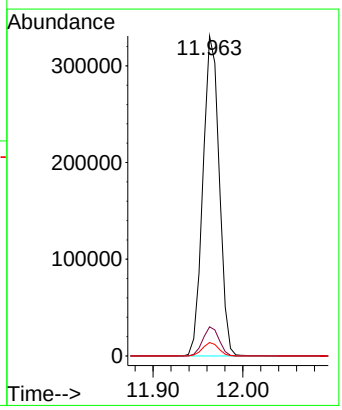


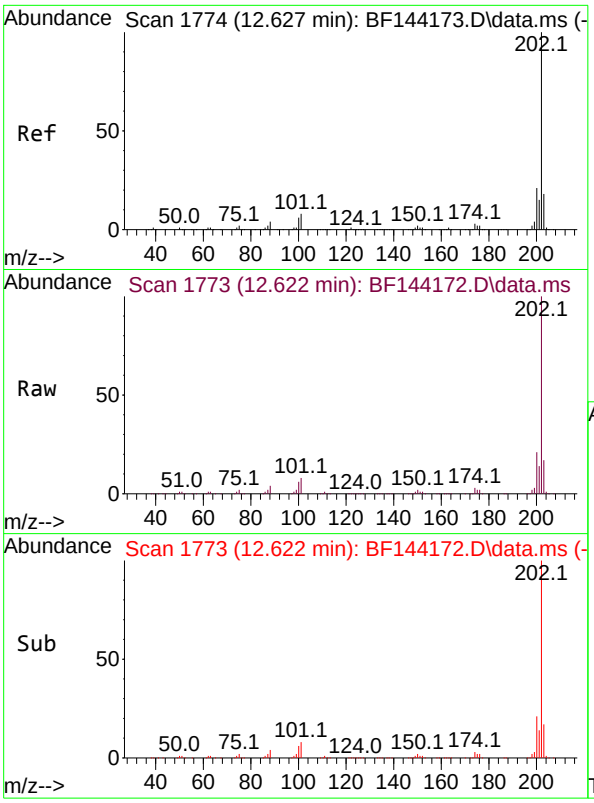




#74
Di-n-butylphthalate
Concen: 20.691 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 418262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.4 | 11.0 |
| 104 | 4.2 | 3.4 | 5.2 |



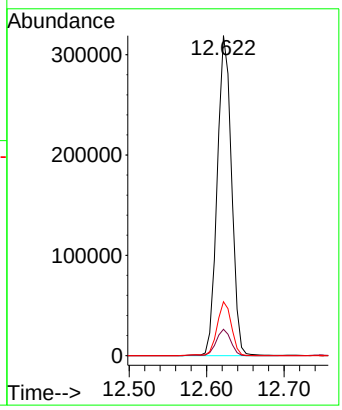


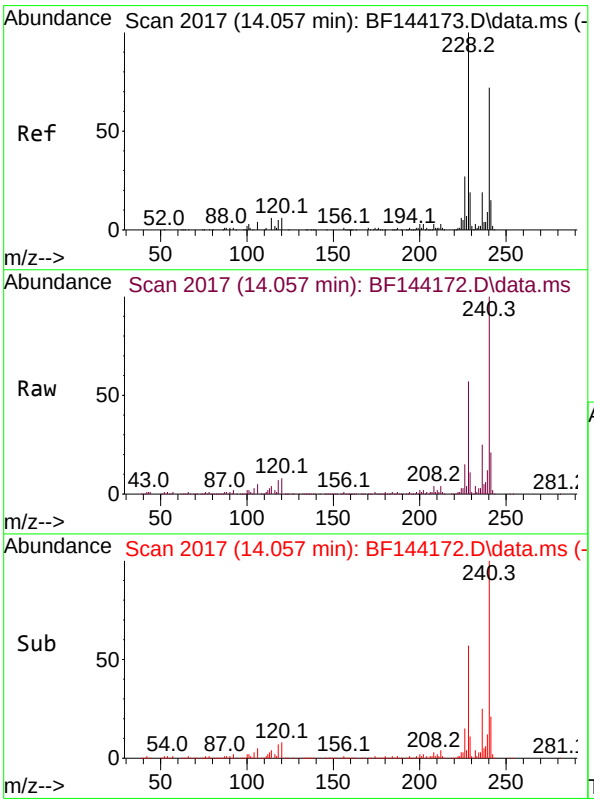

#75
Fluoranthene
Concen: 20.466 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:202 Resp: 408870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.2 | 0.0 | 27.9 |
| 203 | 16.8 | 0.0 | 37.5 |

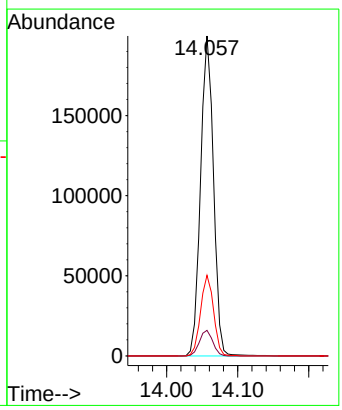


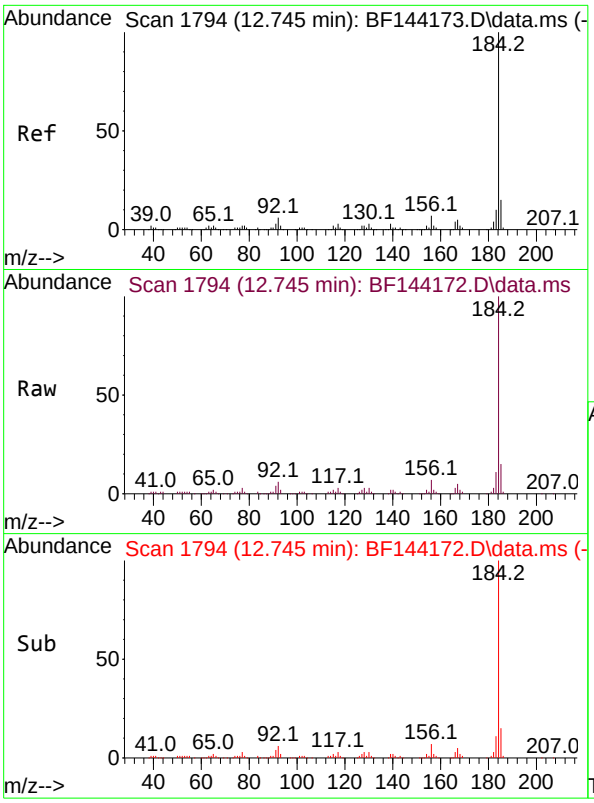




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:240 Resp: 250706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.0 | 6.6 | 10.0 |
| 236 | 25.2 | 21.4 | 32.2 |



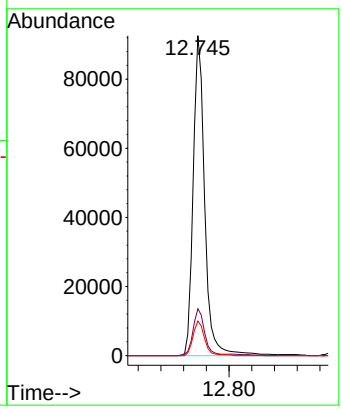


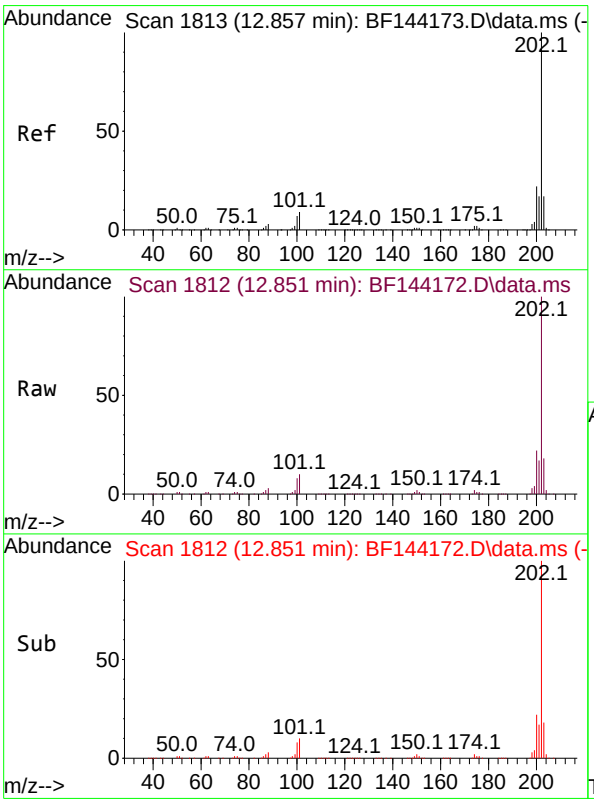

#77
Benzidine
Concen: 17.535 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:184 Resp: 130033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.7 | 17.5 |
| 183 | 10.8 | 8.3 | 12.5 |

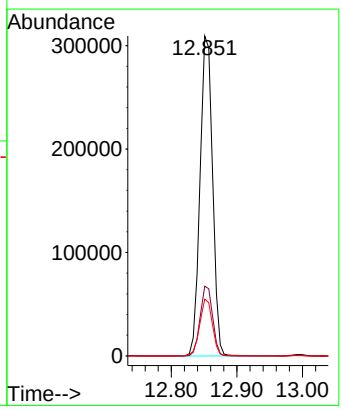


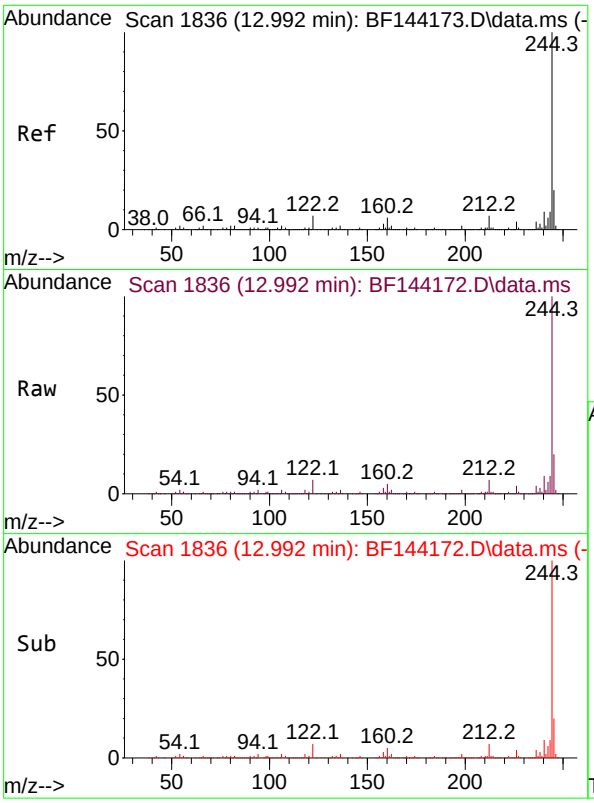




#78
Pyrene
Concen: 20.229 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:202 Resp: 408920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.2 | 25.8 |
| 203 | 17.7 | 13.7 | 20.5 |



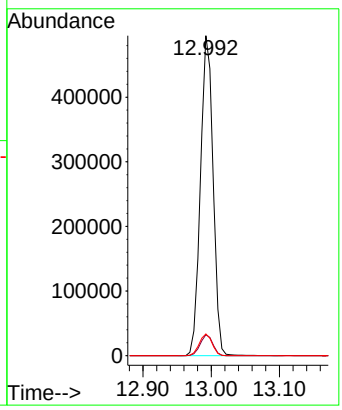


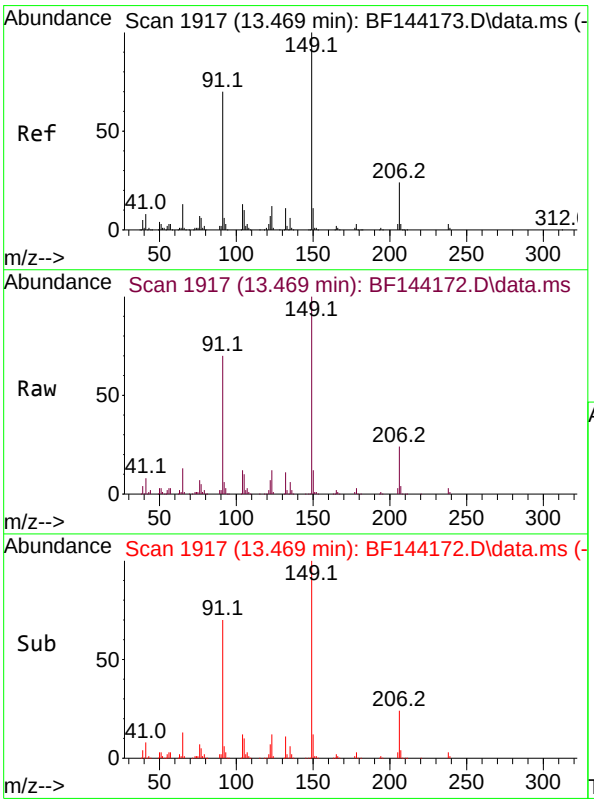

#79
Terphenyl-d14
Concen: 40.461 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:244 Resp: 638611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.3 | 7.9 |
| 122 | 6.8 | 5.6 | 8.4 |

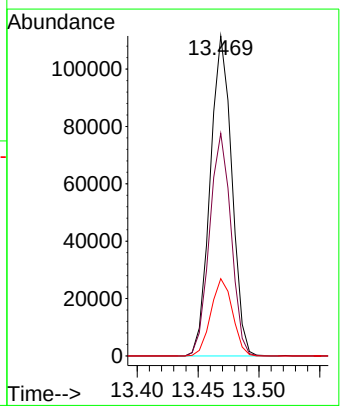


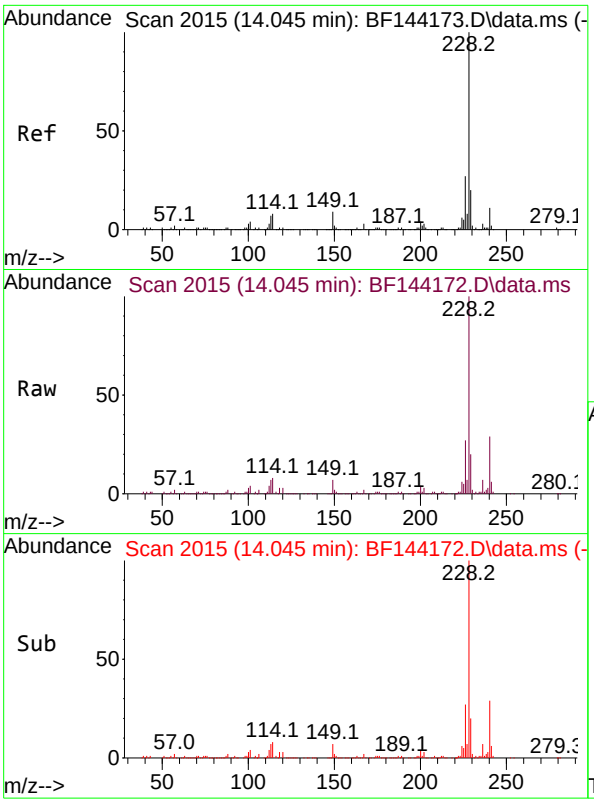




#80
Butylbenzylphthalate
Concen: 19.677 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 137856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.5 | 56.1 | 84.1 |
| 206 | 24.1 | 18.8 | 28.2 |



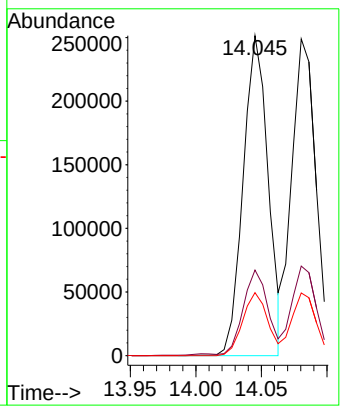


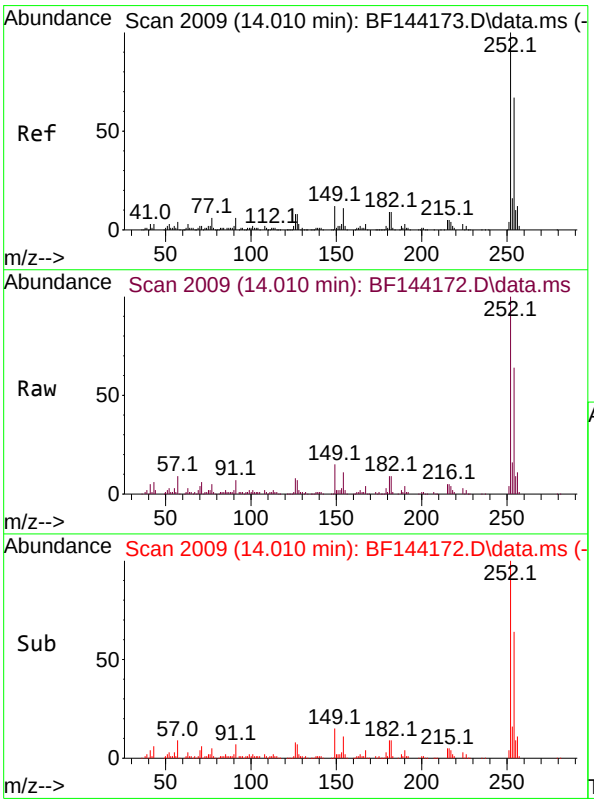

#81
Benzo(a)anthracene
Concen: 19.191 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:228 Resp: 333458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 21.8 | 32.8 |
| 229 | 19.7 | 15.8 | 23.6 |

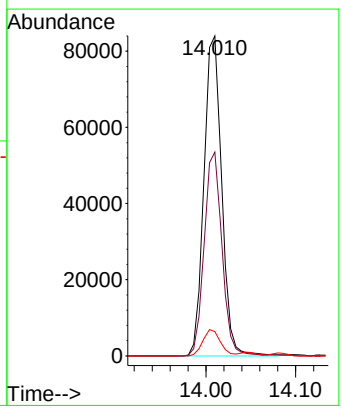


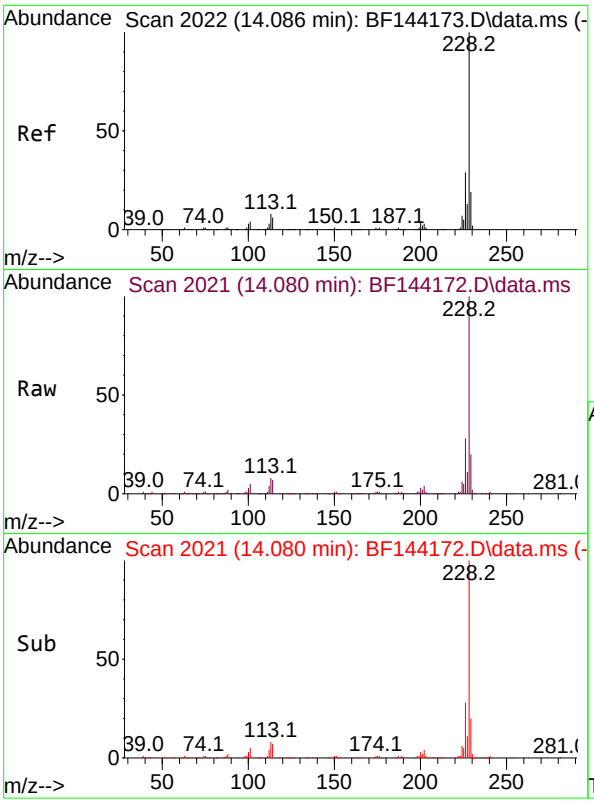




#82
3,3'-Dichlorobenzidine
Concen: 19.389 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 115478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.7 | 53.5 | 80.3 |
| 126 | 7.6 | 6.4 | 9.6 |



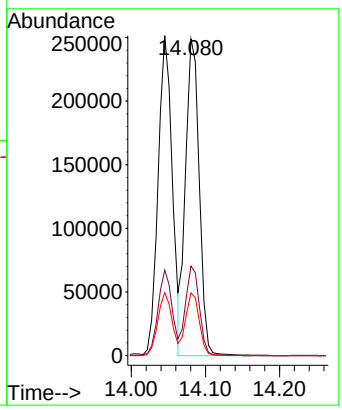


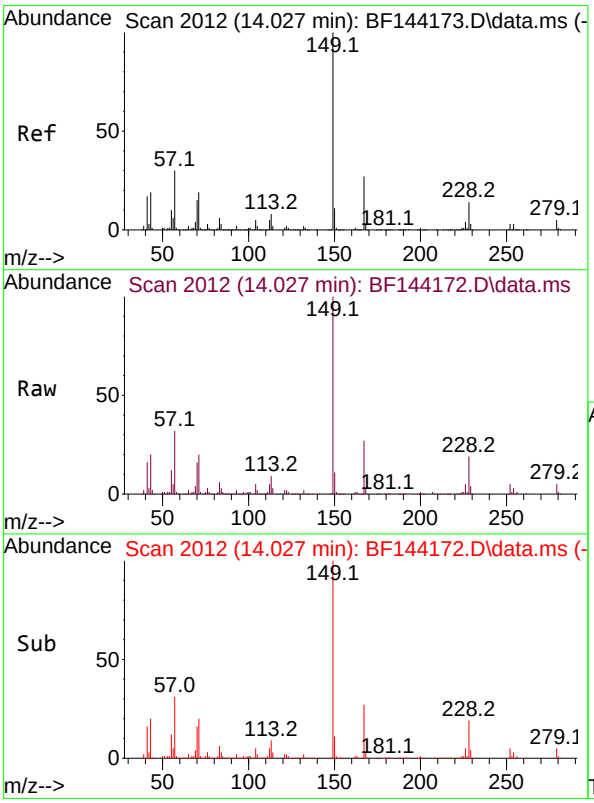

#83
Chrysene
Concen: 19.995 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:228 Resp: 320726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 22.9 | 34.3 |
| 229 | 19.8 | 15.0 | 22.6 |

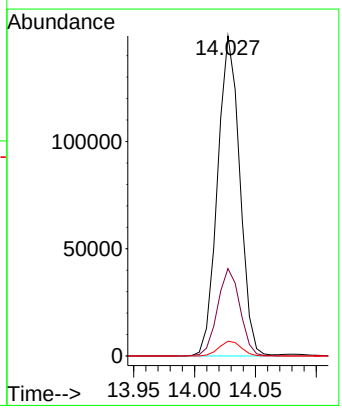


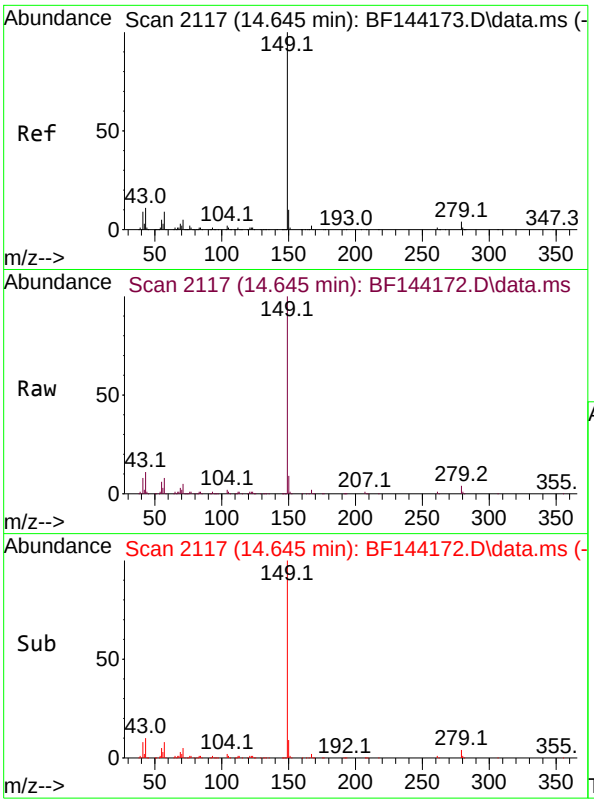




#84
Bis(2-ethylhexyl)phthalate
Concen: 19.738 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 189305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 21.8 | 32.8 |
| 279 | 4.6 | 3.7 | 5.5 |



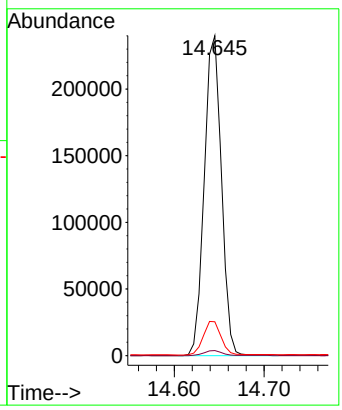


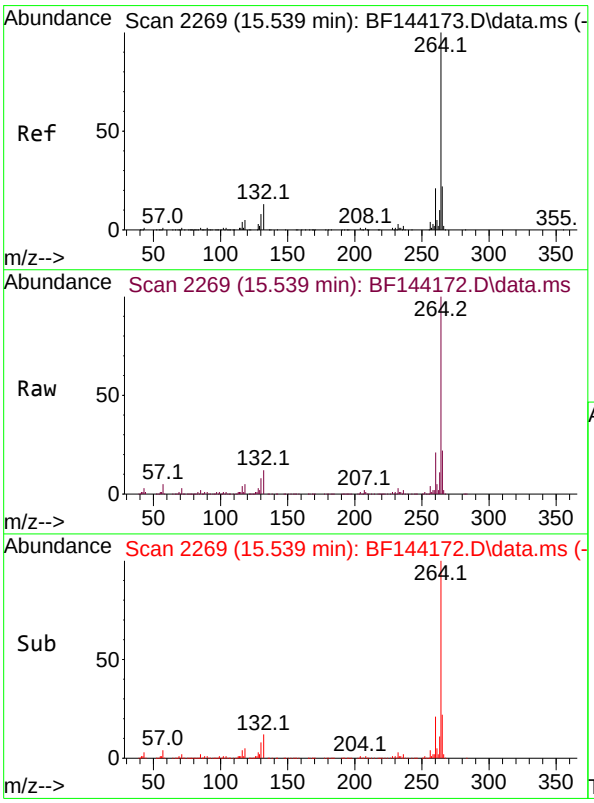

#85
Di-n-octyl phthalate
Concen: 19.268 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:149 Resp: 318841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 11.0 | 9.0 | 13.4 |

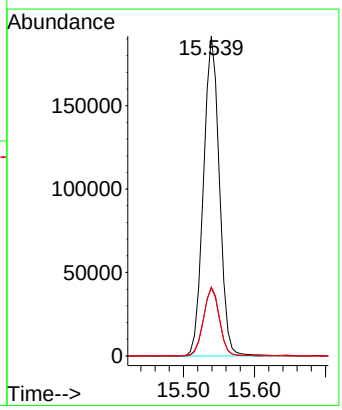


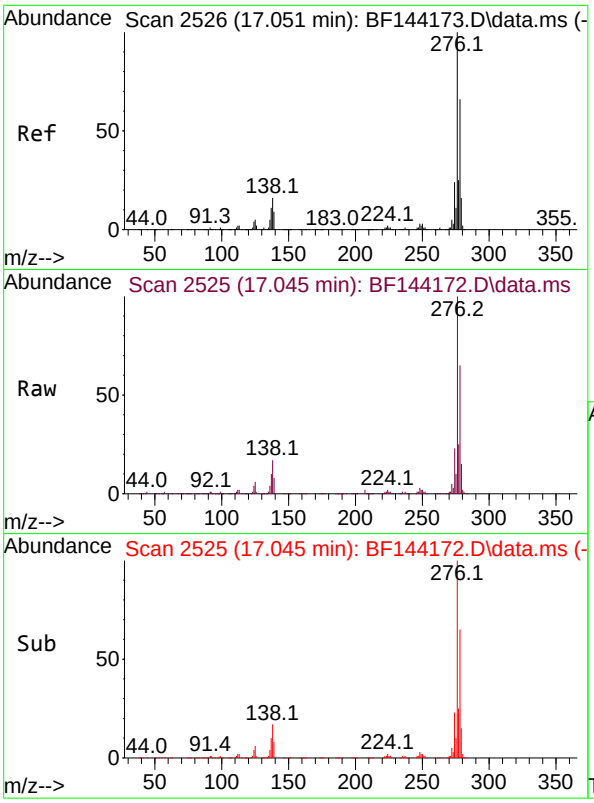




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:264 Resp: 297677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.2 | 17.1 | 25.7 |
| 265 | 21.6 | 17.4 | 26.0 |



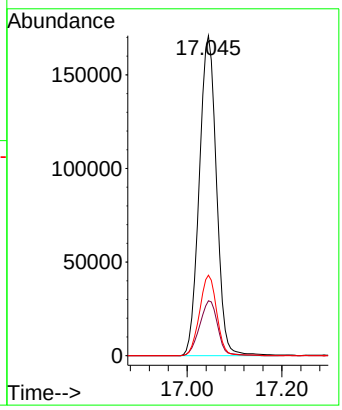


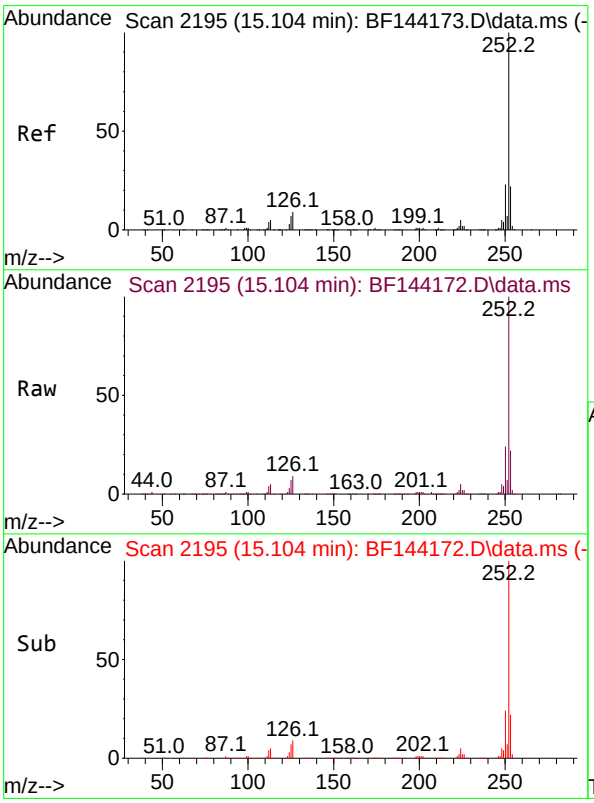

#87
Indeno(1,2,3-cd)pyrene
Concen: 20.155 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:276 Resp: 430691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.0 | 13.9 | 20.9 |
| 277 | 25.0 | 19.8 | 29.6 |

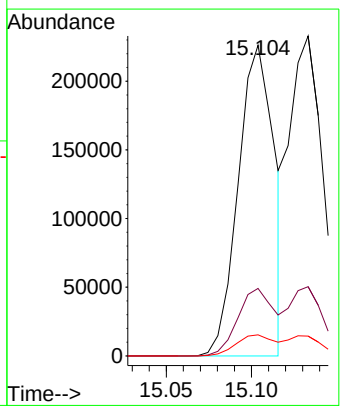


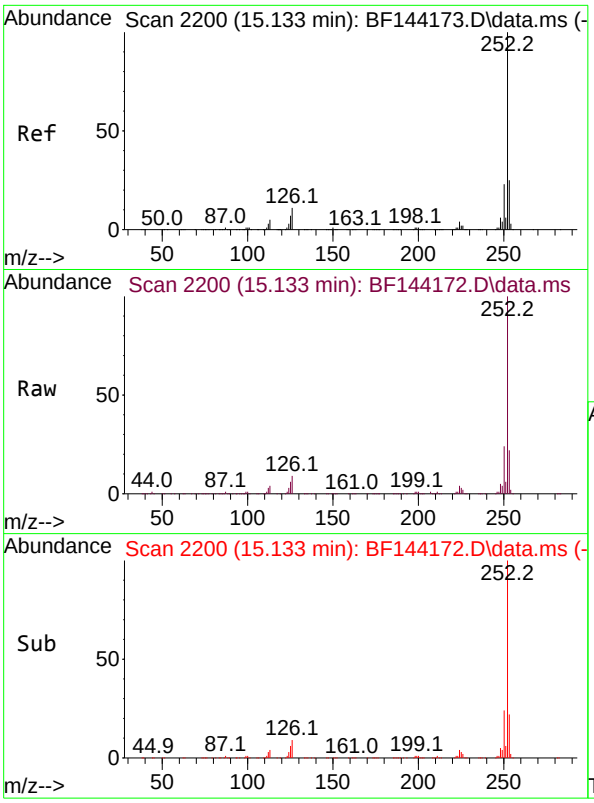




#88
Benzo(b)fluoranthene
Concen: 19.598 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 331673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.4 | 26.2 |
| 125 | 6.8 | 5.3 | 7.9 |



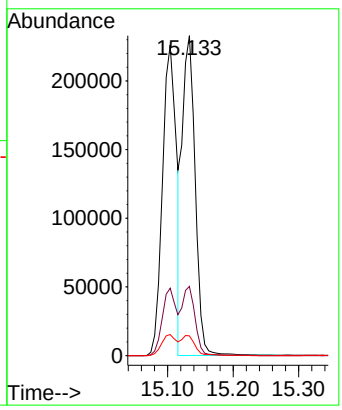


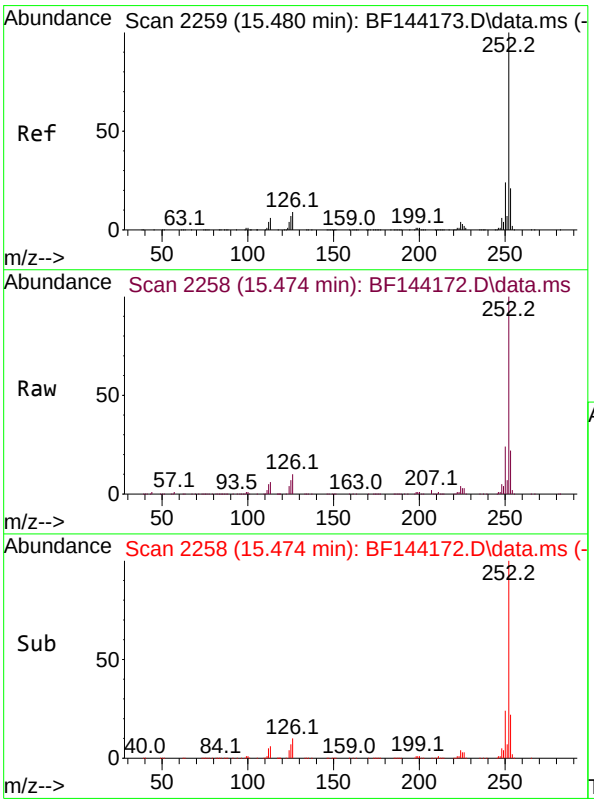

#89
Benzo(k)fluoranthene
Concen: 20.358 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:252 Resp: 322479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.0 | 27.0 |
| 125 | 6.2 | 5.4 | 8.2 |

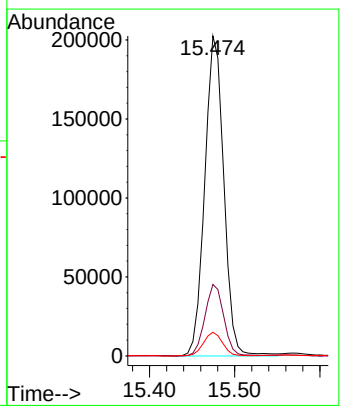


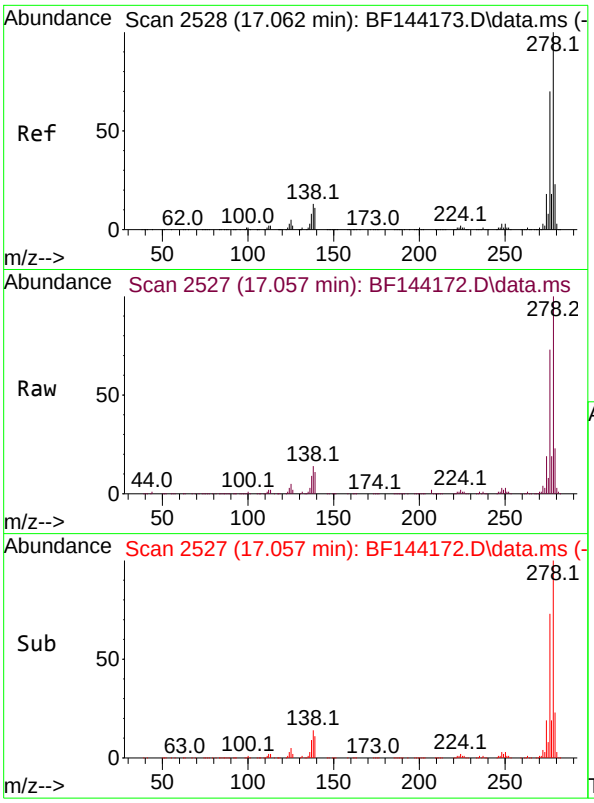




#90
Benzo(a)pyrene
Concen: 20.169 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 314894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 16.7 | 25.1 |
| 125 | 7.4 | 5.7 | 8.5 |



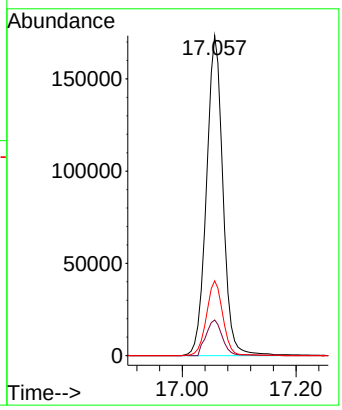


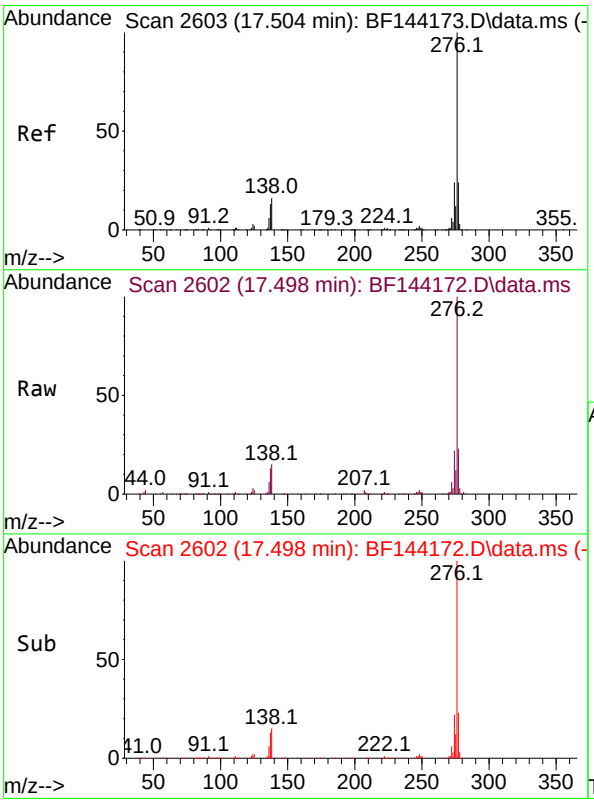

#91
Dibenzo(a,h)anthracene
Concen: 20.383 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:278 Resp: 349788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.1 | 9.1 | 13.7 |
| 279 | 23.4 | 18.2 | 27.4 |

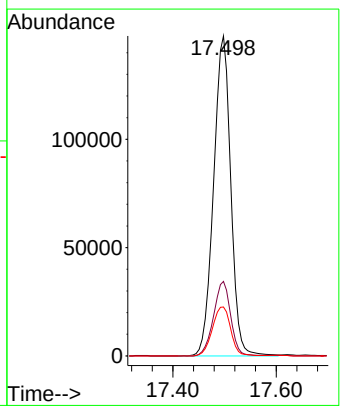



#92
Benzo(g,h,i)perylene
Concen: 20.248 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:276 Resp: 343144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 19.0 | 28.4 |
| 138 | 15.3 | 12.9 | 19.3 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 69901 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 262306 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 148823 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 257329 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 162650 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 208923 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 367722 | 82.322 | ng | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 408339 | 80.678 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.440 | 82 | 377687 | 83.160 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 157795 | 84.493 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 803464 | 79.737 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 856515 | 83.645 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.605 | 88 | 77384 | 41.903 | ng | 100 |
| 3) Pyridine | 3.375 | 79 | 212533 | 41.251 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.322 | 42 | 108374 | 40.269 | ng | 100 |
| 6) Aniline | 6.540 | 93 | 288906 | 40.064 | ng | 100 |
| 8) 2-Chlorophenol | 6.657 | 128 | 179075 | 40.879 | ng | 100 |
| 9) Benzaldehyde | 6.428 | 77 | 114062 | 39.909 | ng | 100 |
| 10) Phenol | 6.516 | 94 | 259703 | 41.997 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 184041 | 40.844 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 215469 | 39.861 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.893 | 146 | 222488 | 41.084 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 207631 | 40.001 | ng | 100 |
| 15) Benzyl Alcohol | 7.016 | 79 | 162316 | 40.501 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 338078 | 40.743 | ng | 100 |
| 17) 2-Methylphenol | 7.128 | 107 | 144386 | 41.431 | ng | 100 |
| 18) Hexachloroethane | 7.387 | 117 | 74377 | 41.339 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.287 | 70 | 132769 | 39.848 | ng | 100 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 169917 | 41.361 | ng | 100 |
| 22) Acetophenone | 7.287 | 105 | 227627 | 40.452 | ng | 100 |
| 24) Nitrobenzene | 7.457 | 77 | 203520 | 41.272 | ng | 100 |
| 25) Isophorone | 7.692 | 82 | 352919 | 41.082 | ng | 100 |
| 26) 2-Nitrophenol | 7.775 | 139 | 103181 | 42.269 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 156535 | 42.784 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 221900 | 41.364 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 173779 | 41.210 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 176777 | 40.825 | ng | 100 |
| 31) Naphthalene | 8.181 | 128 | 508521 | 40.755 | ng | 100 |
| 32) Benzoic acid | 7.916 | 122 | 94209 | 35.128 | ng | 100 |
| 33) 4-Chloroaniline | 8.228 | 127 | 190054 | 41.763 | ng | 100 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 135990 | 41.671 | ng | 100 |
| 35) Caprolactam | 8.598 | 113 | 48459 | 41.945 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 155844 | 41.237 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 339639 | 40.712 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 325483 | 40.435 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 200998 | 41.210 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 59520 | 39.991 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 135691 | 40.875 | ng | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

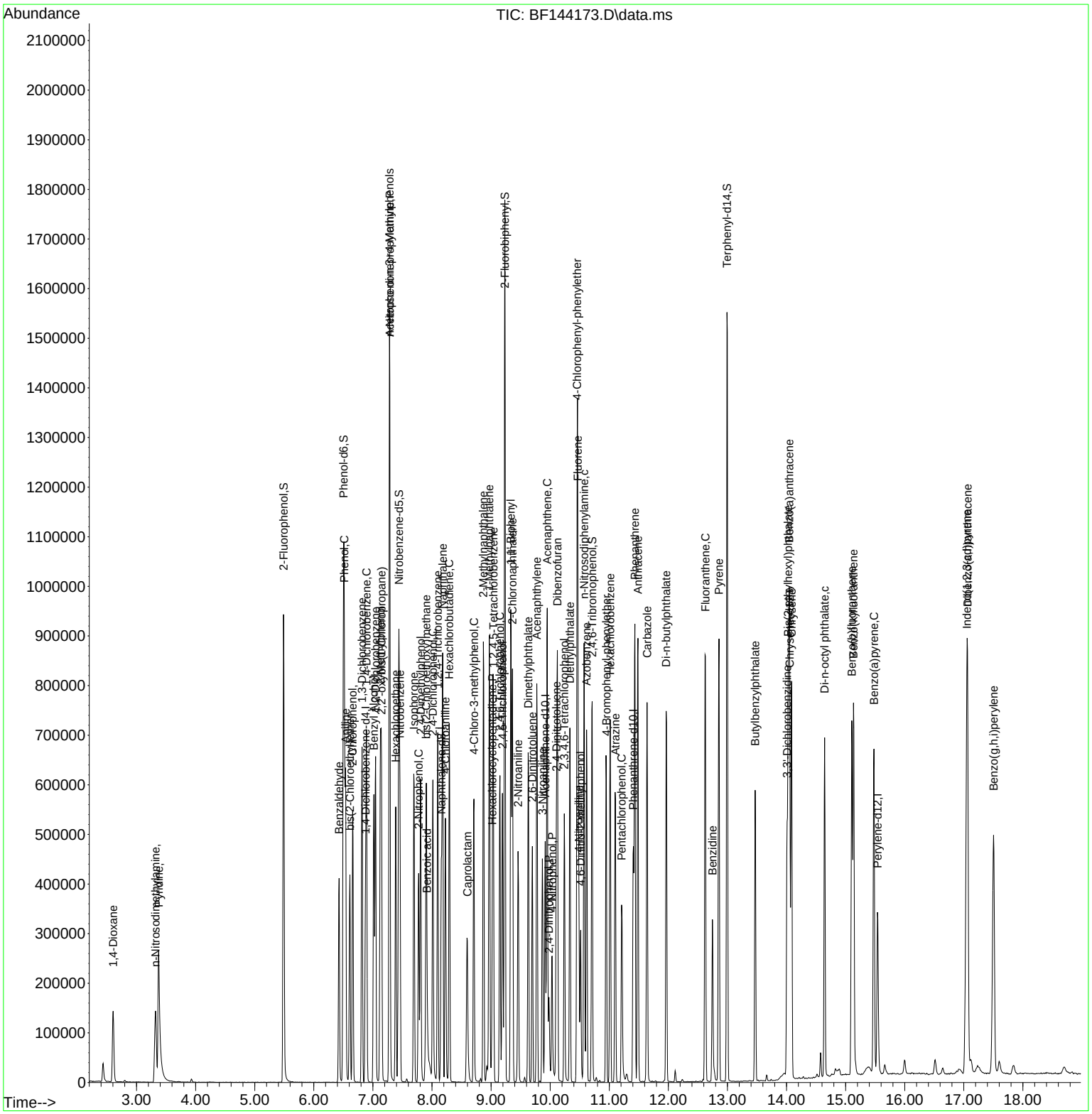
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 145405 | 40.641 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 419119 | 40.345 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 358514 | 40.458 | ng | 100 |
| 48) 2-Nitroaniline | 9.457 | 65 | 107536 | 42.059 | ng | 100 |
| 49) Acenaphthylene | 9.775 | 152 | 489708 | 40.553 | ng | 100 |
| 50) Dimethylphthalate | 9.628 | 163 | 400479 | 40.620 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 82166 | 41.169 | ng | 100 |
| 52) Acenaphthene | 9.951 | 154 | 326285 | 40.406 | ng | 100 |
| 53) 3-Nitroaniline | 9.869 | 138 | 93636 | 42.918 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 41716 | 34.614 | ng | 100 |
| 55) Dibenzofuran | 10.122 | 168 | 461538 | 40.810 | ng | 100 |
| 56) 4-Nitrophenol | 10.034 | 139 | 60643 | 38.426 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 114508 | 42.858 | ng | 100 |
| 58) Fluorene | 10.469 | 166 | 351182 | 40.841 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 106411 | 42.037 | ng | 100 |
| 60) Diethylphthalate | 10.334 | 149 | 373187 | 41.061 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 203750 | 41.598 | ng | 100 |
| 62) 4-Nitroaniline | 10.486 | 138 | 85679 | 41.237 | ng | 100 |
| 63) Azobenzene | 10.616 | 77 | 346367 | 40.948 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 67029 | 38.343 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.575 | 169 | 332623 | 40.189 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 135319 | 41.198 | ng | 100 |
| 68) Hexachlorobenzene | 11.016 | 284 | 154532 | 39.943 | ng | 100 |
| 69) Atrazine | 11.104 | 200 | 105912 | 40.239 | ng | 100 |
| 70) Pentachlorophenol | 11.210 | 266 | 80306 | 41.685 | ng | 100 |
| 71) Phenanthrene | 11.433 | 178 | 519052 | 40.513 | ng | 100 |
| 72) Anthracene | 11.486 | 178 | 525954 | 40.372 | ng | 100 |
| 73) Carbazole | 11.639 | 167 | 451935 | 40.796 | ng | 100 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 550628 | 41.117 | ng | 100 |
| 75) Fluoranthene | 12.627 | 202 | 542525 | 40.992 | ng | 100 |
| 77) Benzidine | 12.745 | 184 | 202921 | 42.178 | ng | 100 |
| 78) Pyrene | 12.857 | 202 | 554374 | 42.272 | ng | 100 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 191850 | 42.209 | ng | 100 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 465201 | 41.267 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 156957 | 40.620 | ng | 100 |
| 83) Chrysene | 14.086 | 228 | 456347 | 43.853 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 265384 | 42.651 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 458823 | 42.739 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.051 | 276 | 620668 | 41.385 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 515192 | 43.375 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 435087 | 39.135 | ng | 100 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 449869 | 41.055 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.062 | 278 | 500778 | 41.578 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.504 | 276 | 497680 | 41.843 | ng | 100 |

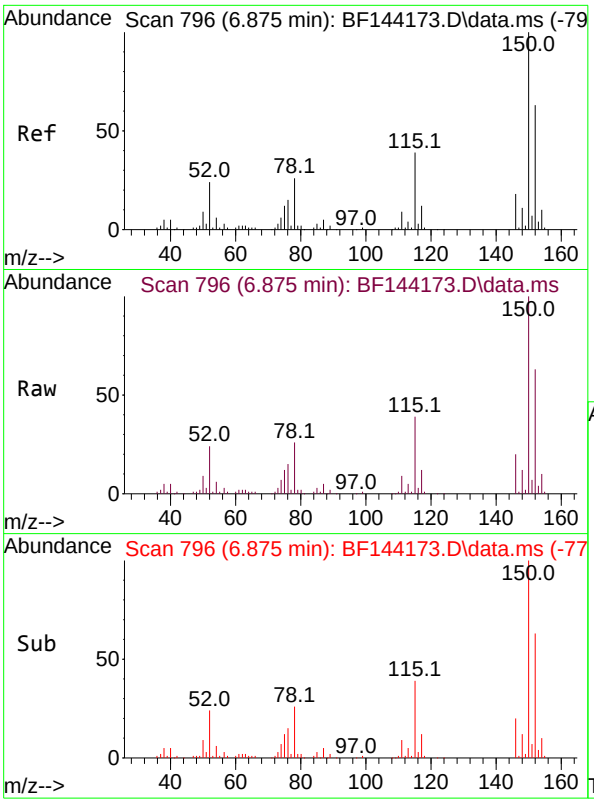
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



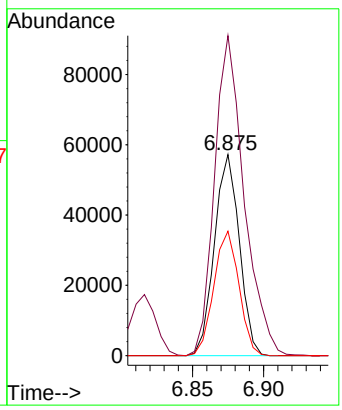


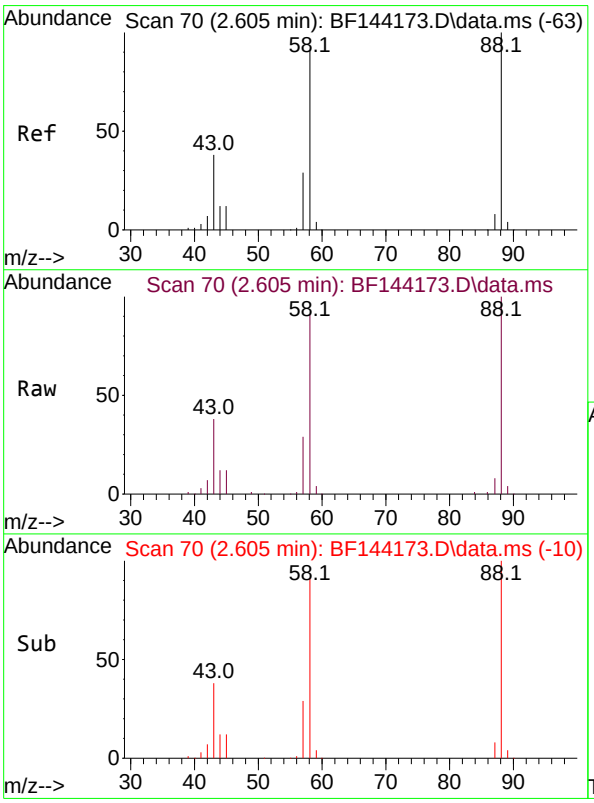

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:152 Resp: 69901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 127.4 | 191.0 |
| 115 | 61.9 | 49.5 | 74.3 |

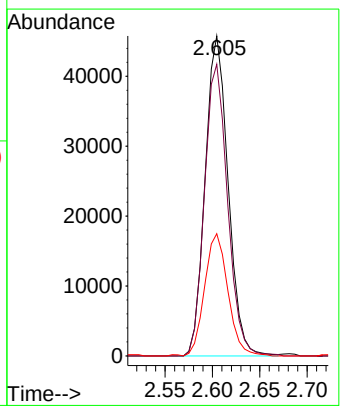


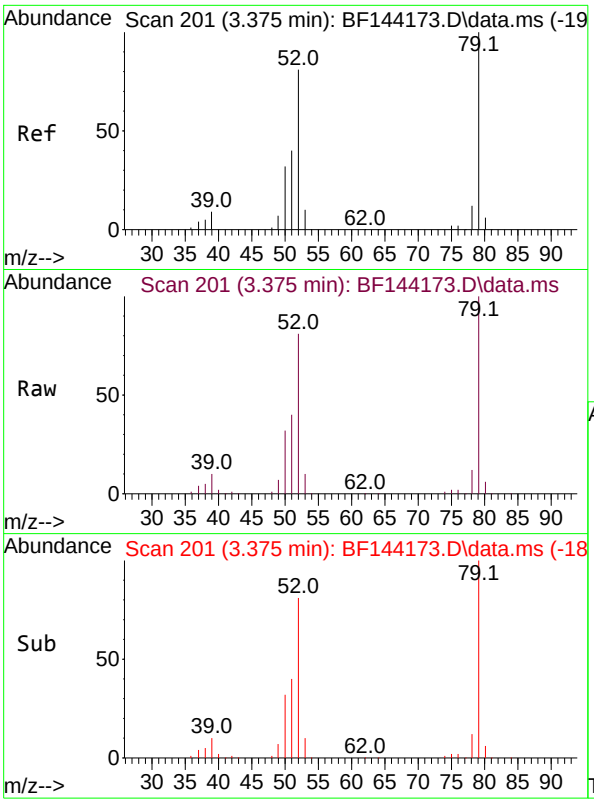




#2
1,4-Dioxane
Concen: 41.903 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 88 Resp: 77384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 91.4 | 73.1 | 109.7 |
| 43 | 38.8 | 31.0 | 46.6 |



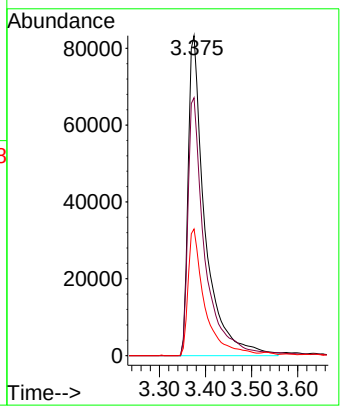


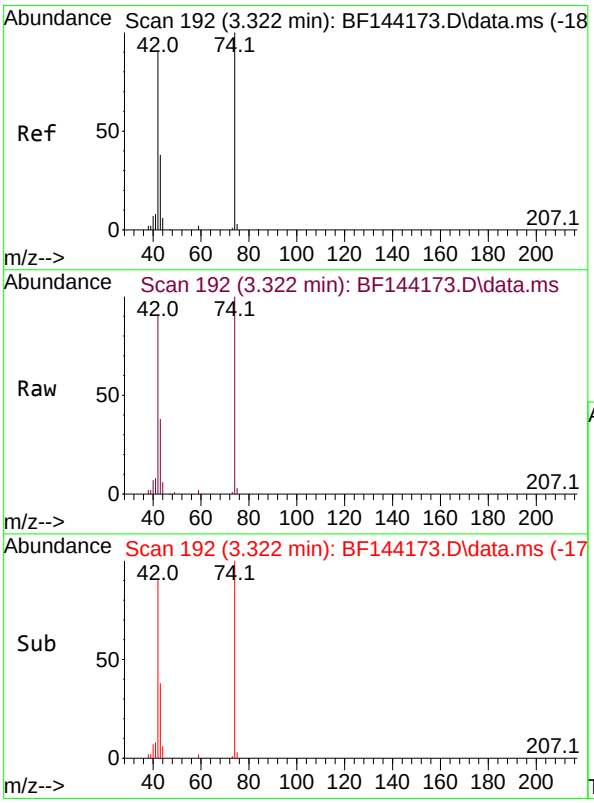

#3
Pyridine
Concen: 41.251 ng
RT: 3.375 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 79 Resp: 212533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 80.6 | 64.5 | 96.7 |
| 51 | 39.6 | 31.7 | 47.5 |

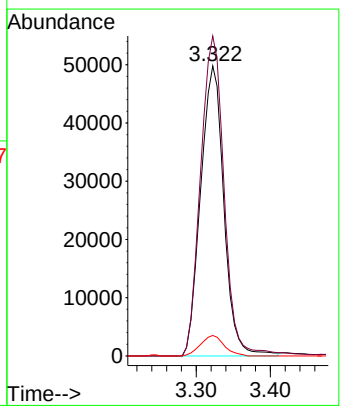


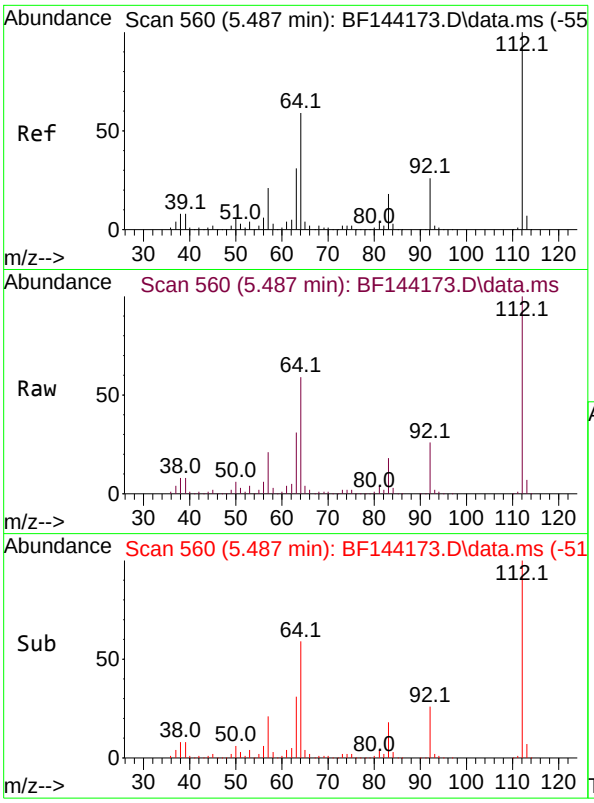




#4
n-Nitrosodimethylamine
Concen: 40.269 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 42 Resp: 108374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 110.3 | 88.2 | 132.4 |
| 44 | 7.1 | 5.7 | 8.5 |



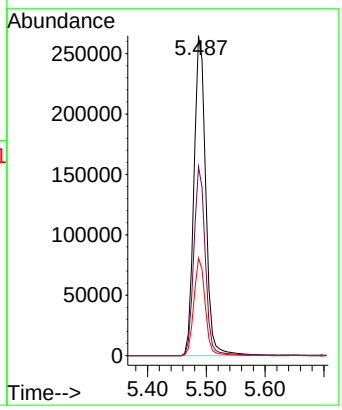


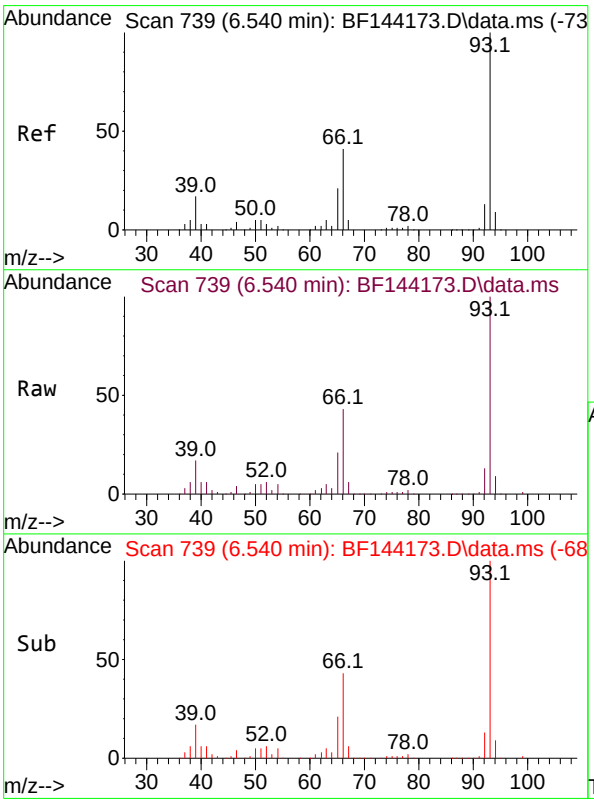

#5
2-Fluorophenol
Concen: 82.322 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:112 Resp: 367722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.0 | 47.2 | 70.8 |
| 63 | 30.5 | 24.4 | 36.6 |

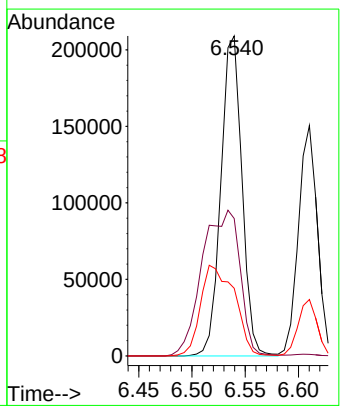


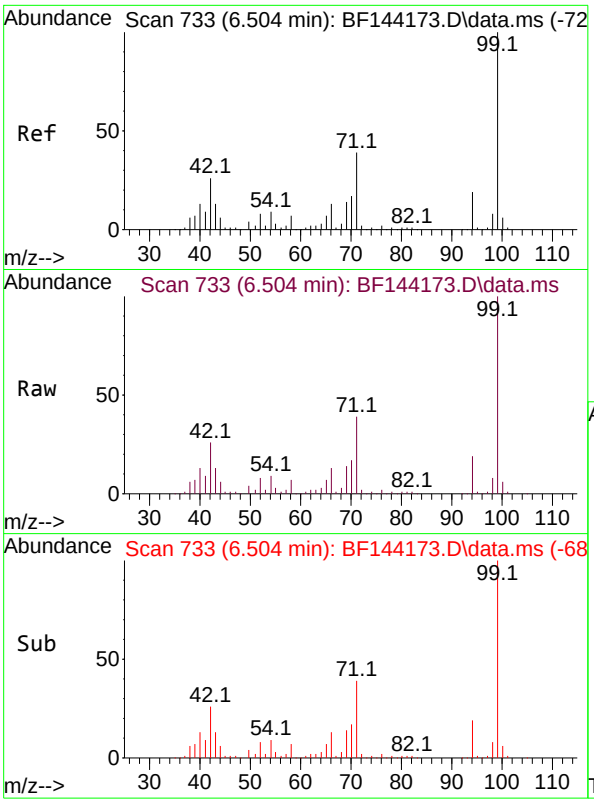




#6
Aniline
Concen: 40.064 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 288906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.9 | 34.3 | 51.5 |
| 65 | 21.1 | 16.9 | 25.3 |



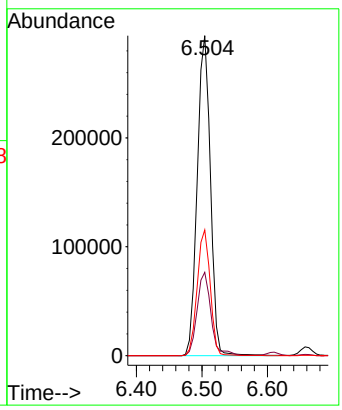


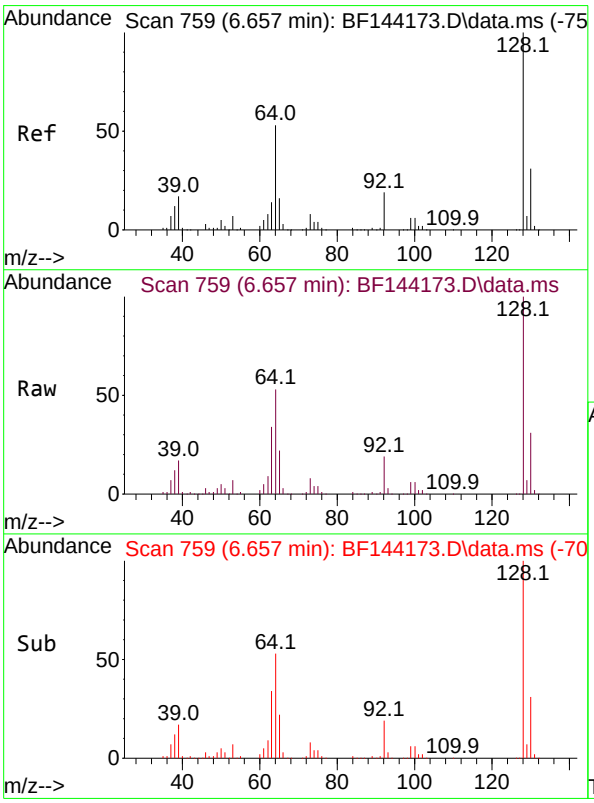

#7
Phenol-d6
Concen: 80.678 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 99 Resp: 408339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 26.1 | 20.9 | 31.3 |
| 71 | 39.3 | 31.4 | 47.2 |

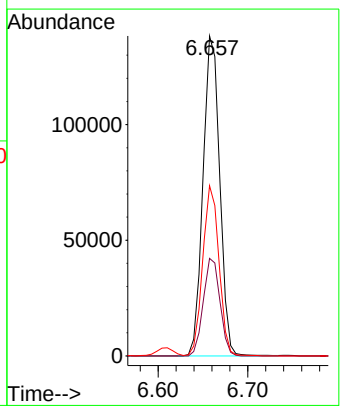


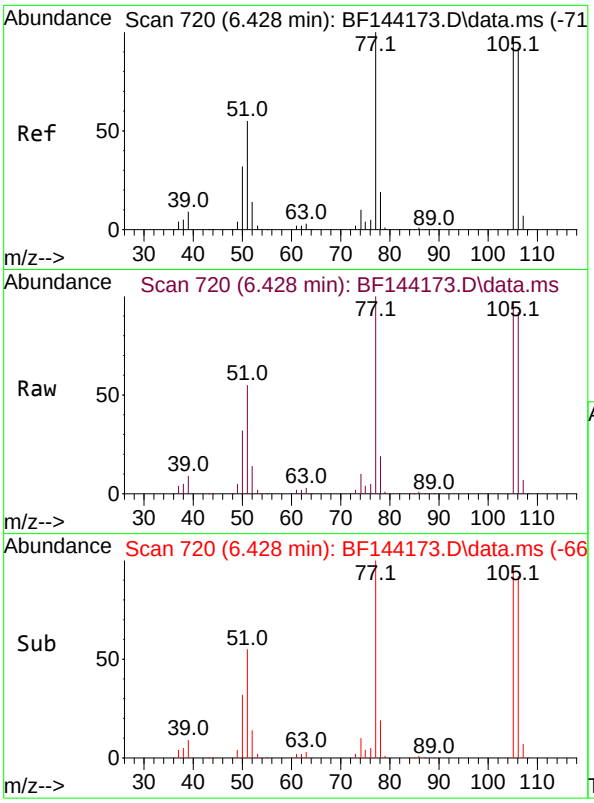




#8
2-Chlorophenol
Concen: 40.879 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:128 Resp: 179075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.5 | 10.5 | 50.5 |
| 64 | 53.2 | 33.2 | 73.2 |



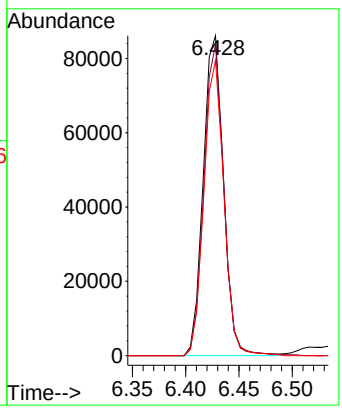


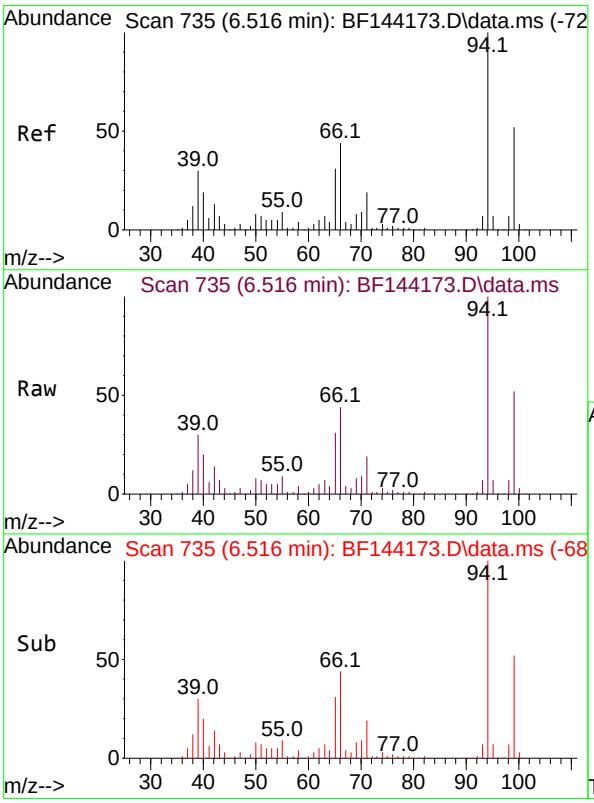

#9
Benzaldehyde
Concen: 39.909 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 77 Resp: 114062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 97.2 | 77.2 | 117.2 |
| 106 | 92.2 | 72.2 | 112.2 |

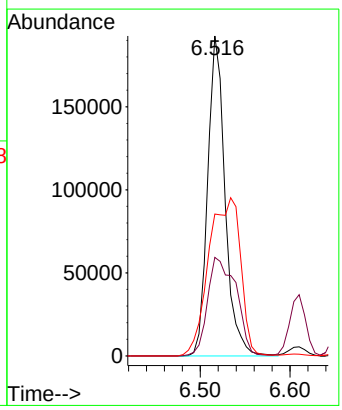


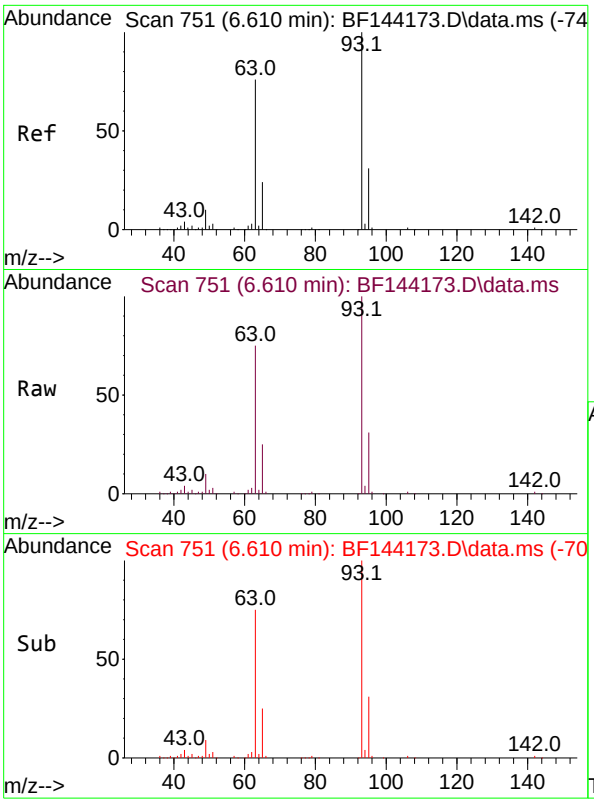




#10
Phenol
Concen: 41.997 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 94 Resp: 259703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.8 | 10.8 | 50.8 |
| 66 | 44.3 | 24.3 | 64.3 |



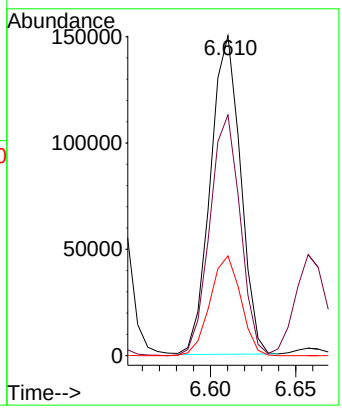


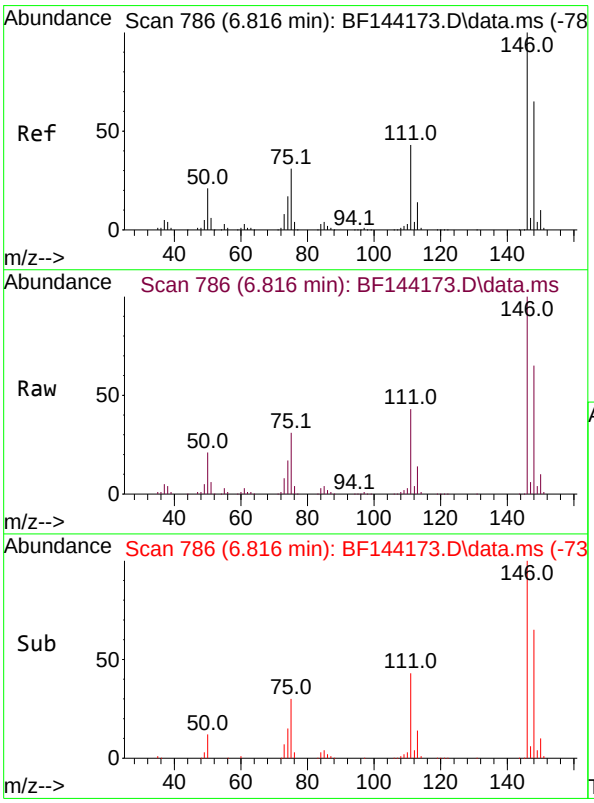

#11
bis(2-Chloroethyl)ether
Concen: 40.844 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 93 Resp: 184041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.2 | 55.2 | 95.2 |
| 95 | 31.2 | 11.2 | 51.2 |

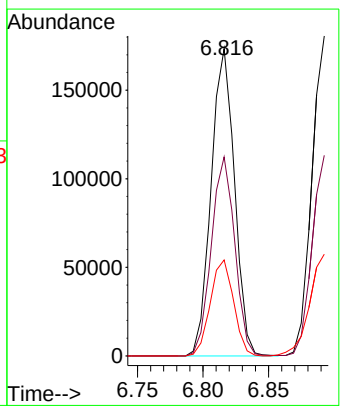


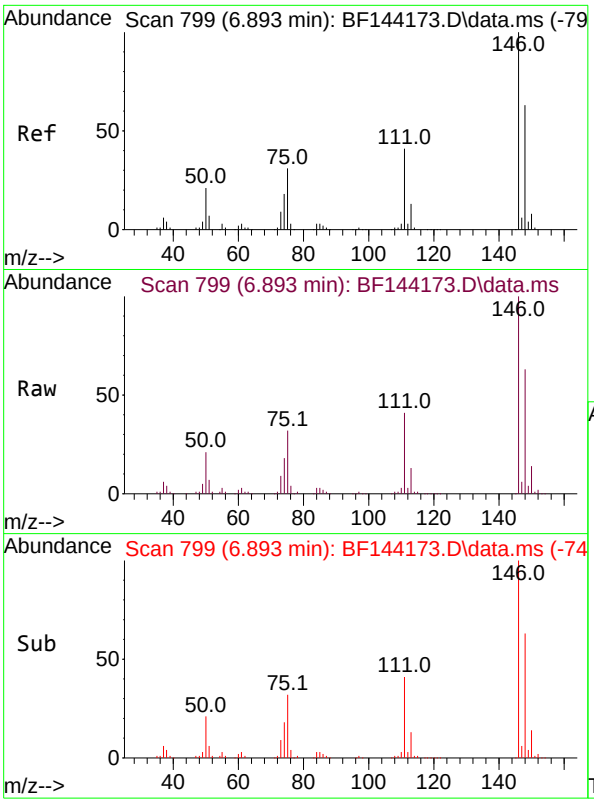




#12
1,3-Dichlorobenzene
Concen: 39.861 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:146 Resp: 215469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 31.2 | 25.0 | 37.4 |



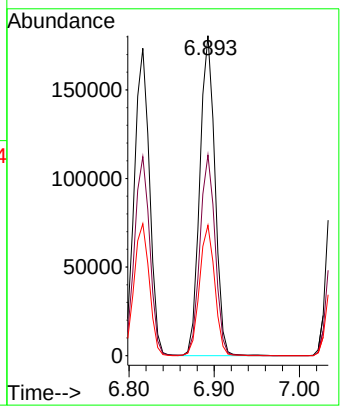


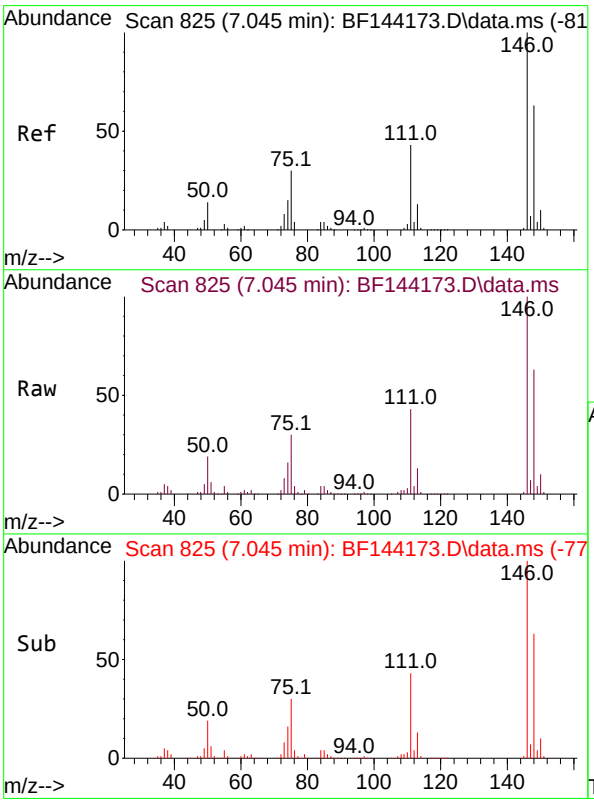

#13
1,4-Dichlorobenzene
Concen: 41.084 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:146 Resp: 222488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 50.2 | 75.2 |
| 111 | 40.7 | 32.6 | 48.8 |

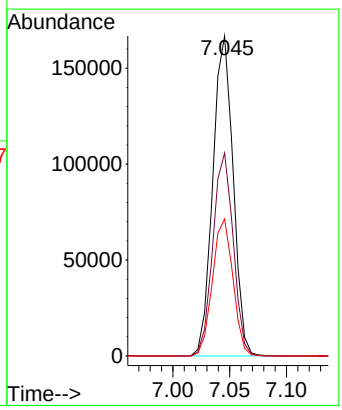


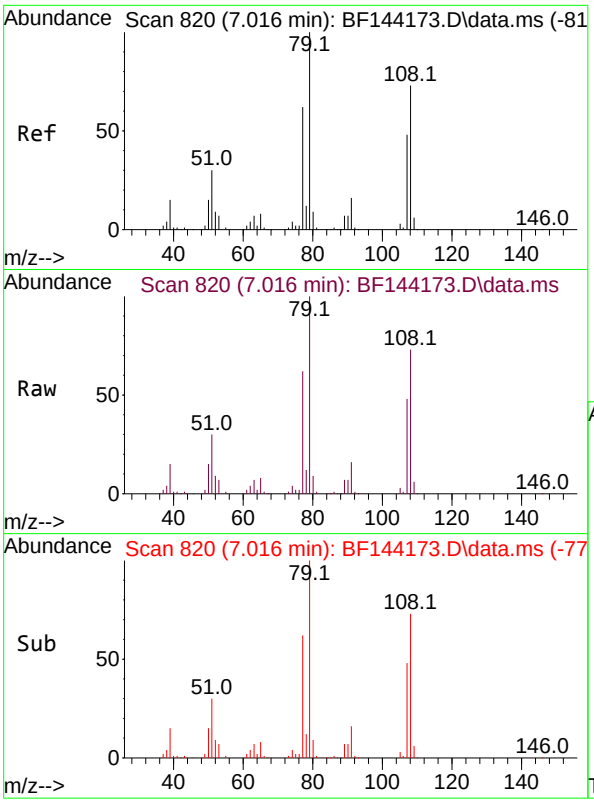




#14
1,2-Dichlorobenzene
Concen: 40.001 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:146 Resp: 207631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.7 | 76.1 |
| 111 | 42.8 | 34.2 | 51.4 |



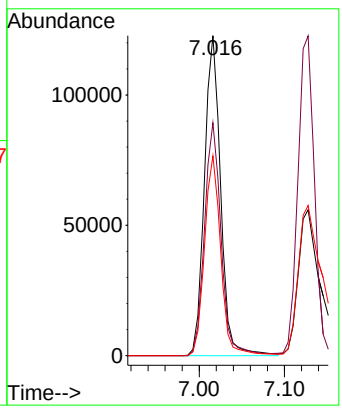


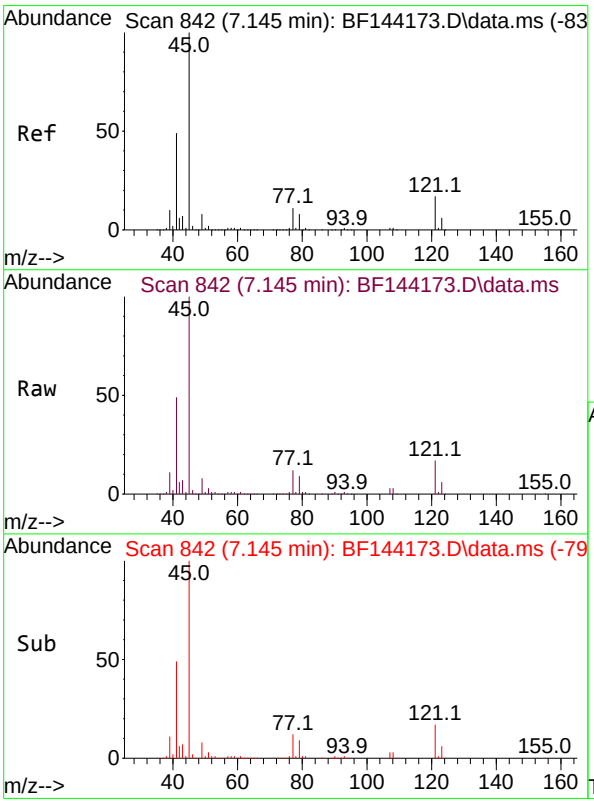

#15
Benzyl Alcohol
Concen: 40.501 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 79 Resp: 162316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.8 | 58.2 | 87.4 |
| 77 | 62.4 | 49.9 | 74.9 |

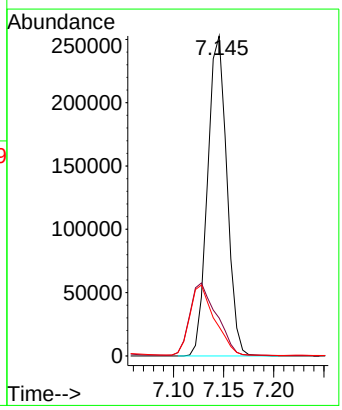


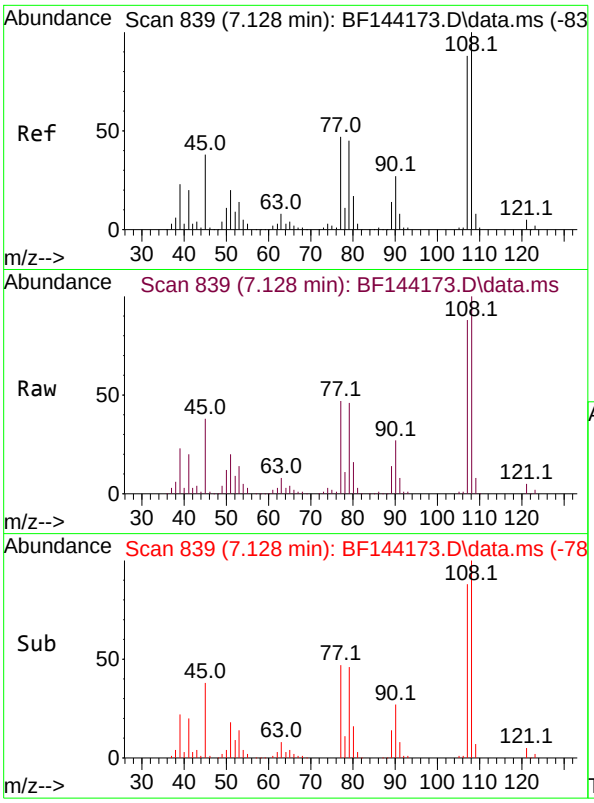




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.743 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 45 Resp: 338078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.8 | 0.0 | 31.8 |
| 79 | 9.1 | 0.0 | 29.1 |



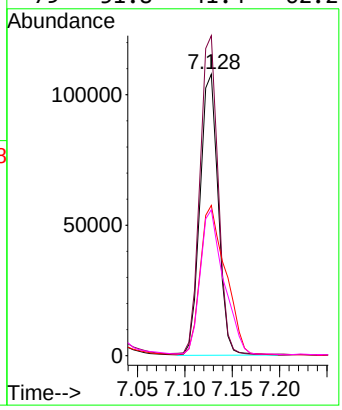


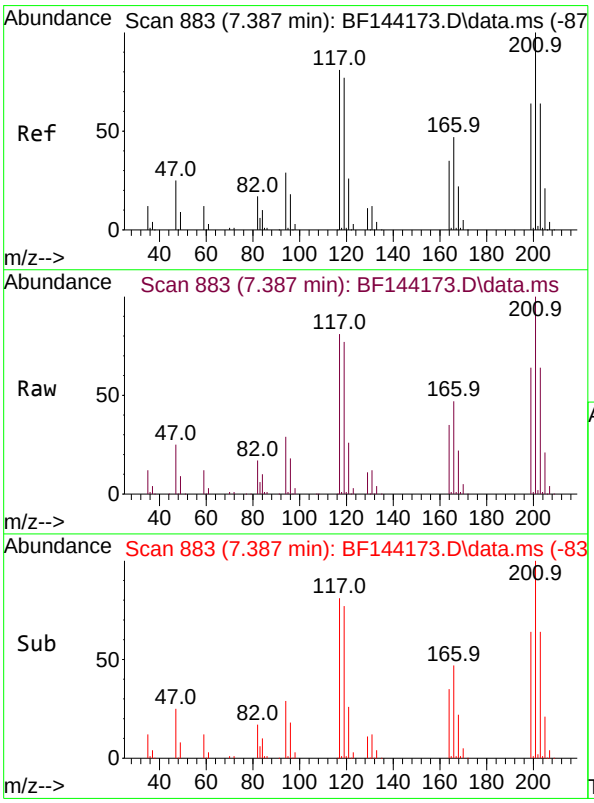

#17
2-Methylphenol
Concen: 41.431 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:107 Resp: 144386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.7 | 91.0 | 136.4 |
| 77 | 53.4 | 42.7 | 64.1 |
| 79 | 51.8 | 41.4 | 62.2 |

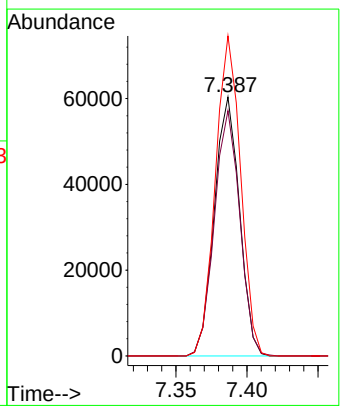


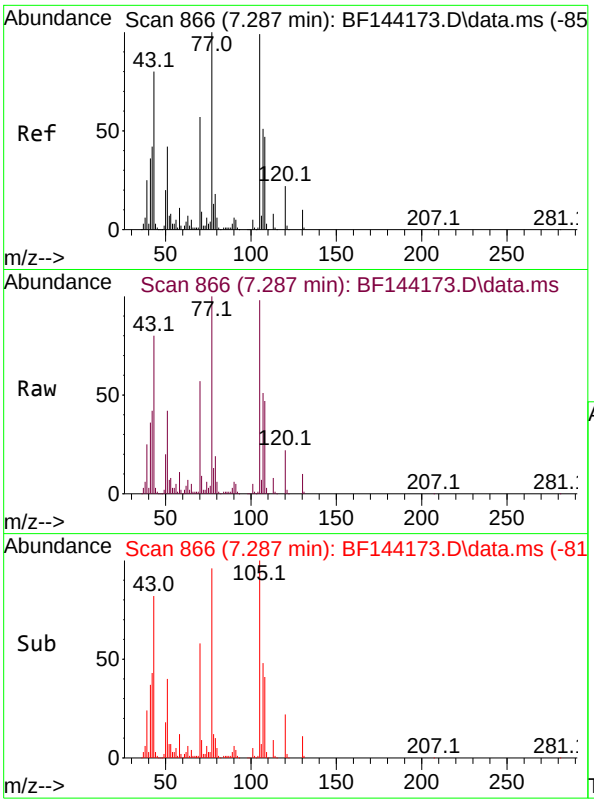




#18
Hexachloroethane
Concen: 41.339 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:117 Resp: 74377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.8 | 75.8 | 113.8 |
| 201 | 123.6 | 98.9 | 148.3 |



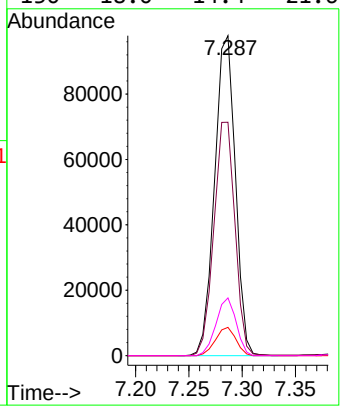


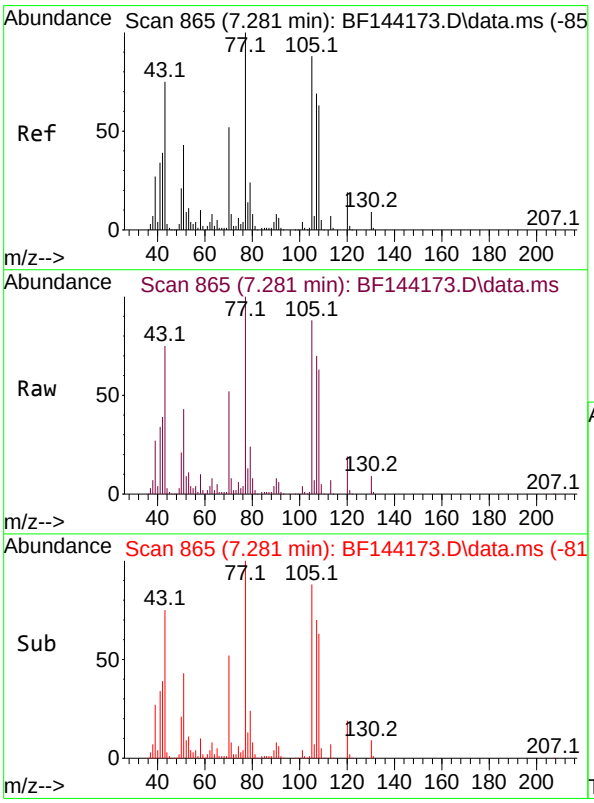

#19
n-Nitroso-di-n-propylamine
Concen: 39.848 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 70 Resp: 132769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.9 | 58.3 | 87.5 |
| 101 | 8.8 | 7.0 | 10.6 |
| 130 | 18.0 | 14.4 | 21.6 |

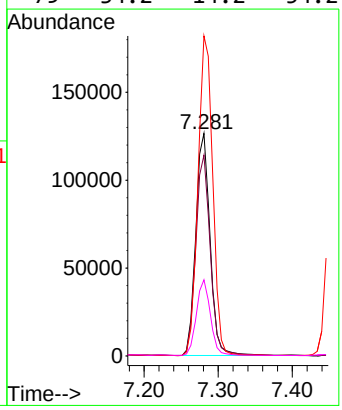


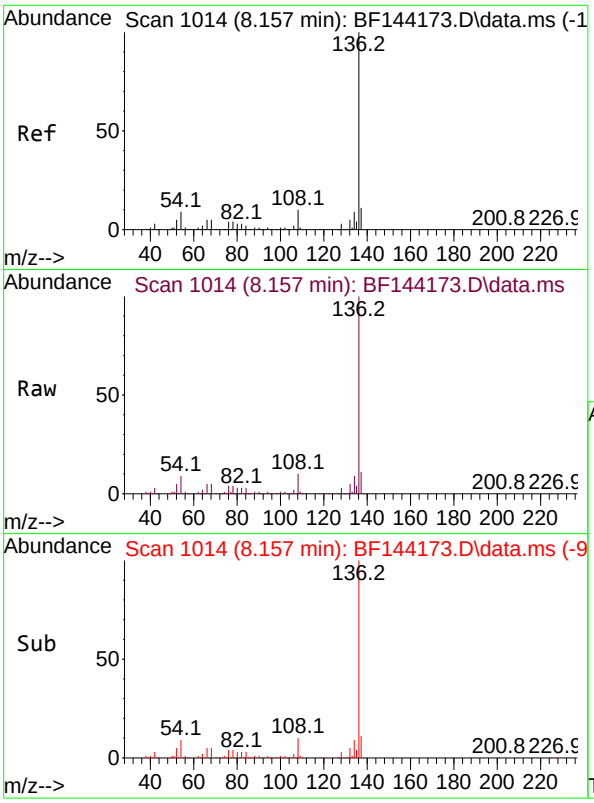




#20
3+4-Methylphenols
Concen: 41.361 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:107 Resp: 169917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.2 | 70.2 | 110.2 |
| 77 | 143.9 | 123.9 | 163.9 |
| 79 | 34.2 | 14.2 | 54.2 |



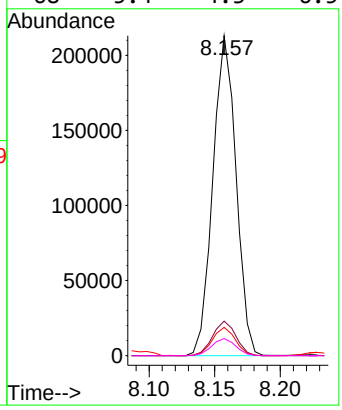


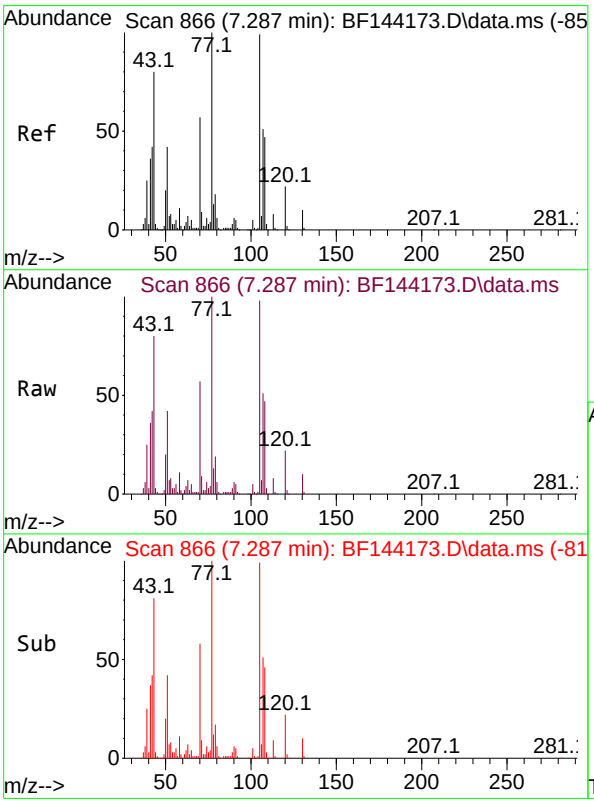

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:136 Resp: 262306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 8.8 | 7.0 | 10.6 |
| 68 | 5.4 | 4.3 | 6.5 |

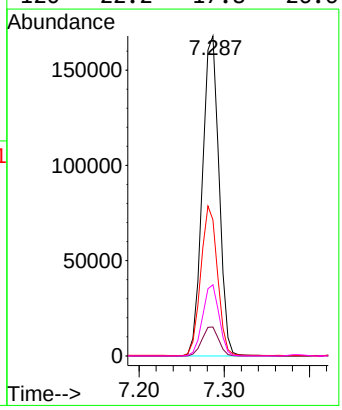


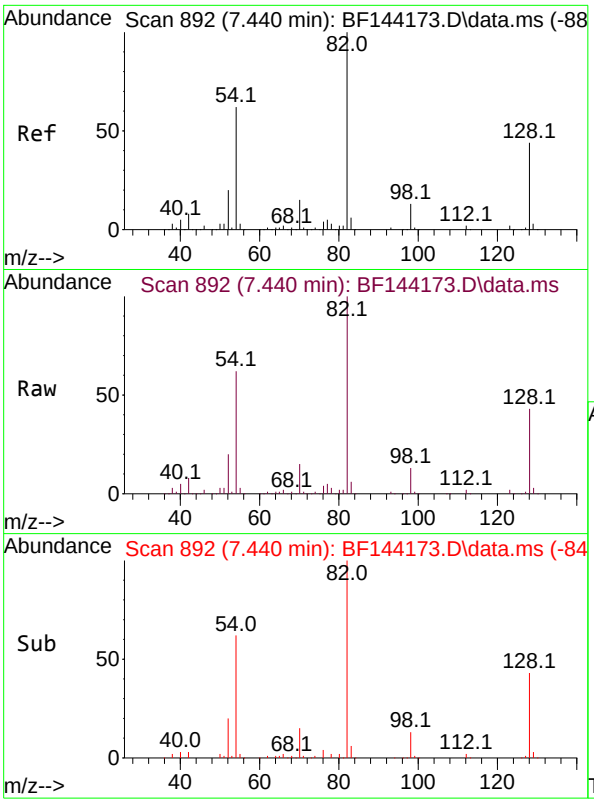




#22
Acetophenone
Concen: 40.452 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:105 Resp: 227627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.0 | 7.2 | 10.8 |
| 51 | 42.5 | 34.0 | 51.0 |
| 120 | 22.2 | 17.8 | 26.6 |



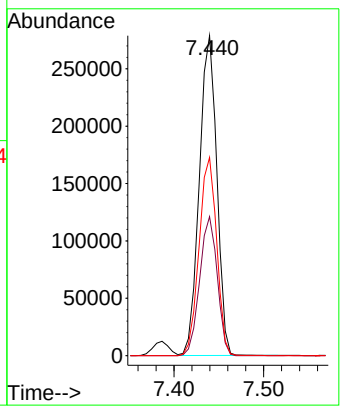


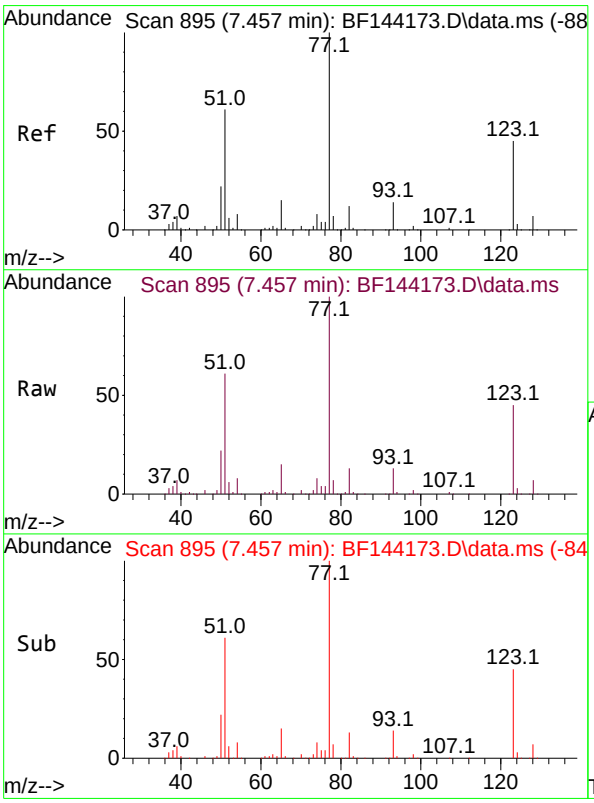

#23
Nitrobenzene-d5
Concen: 83.160 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 82 Resp: 377687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.4 | 34.7 | 52.1 |
| 54 | 61.9 | 49.5 | 74.3 |

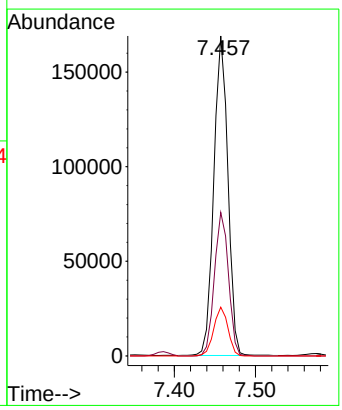


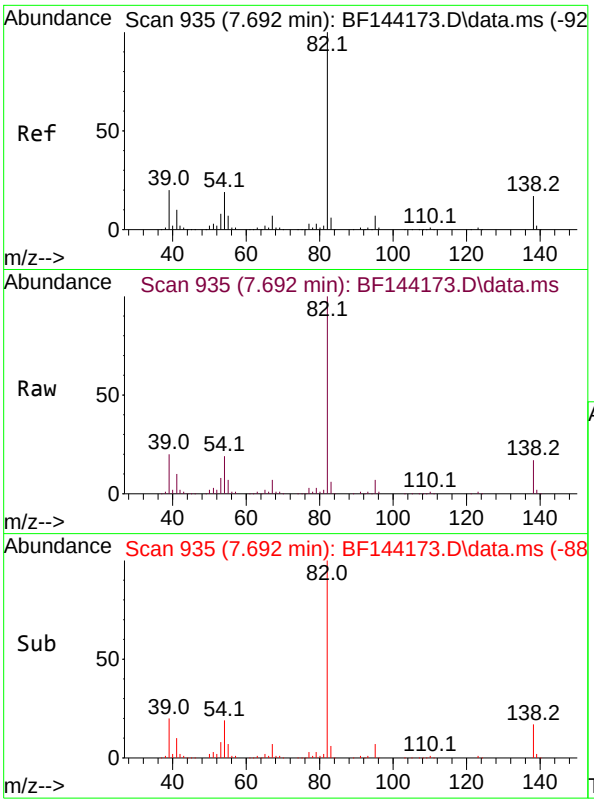




#24
Nitrobenzene
Concen: 41.272 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 77 Resp: 203520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.8 | 35.8 | 53.8 |
| 65 | 15.2 | 12.2 | 18.2 |



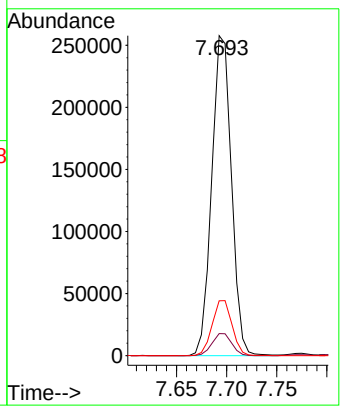


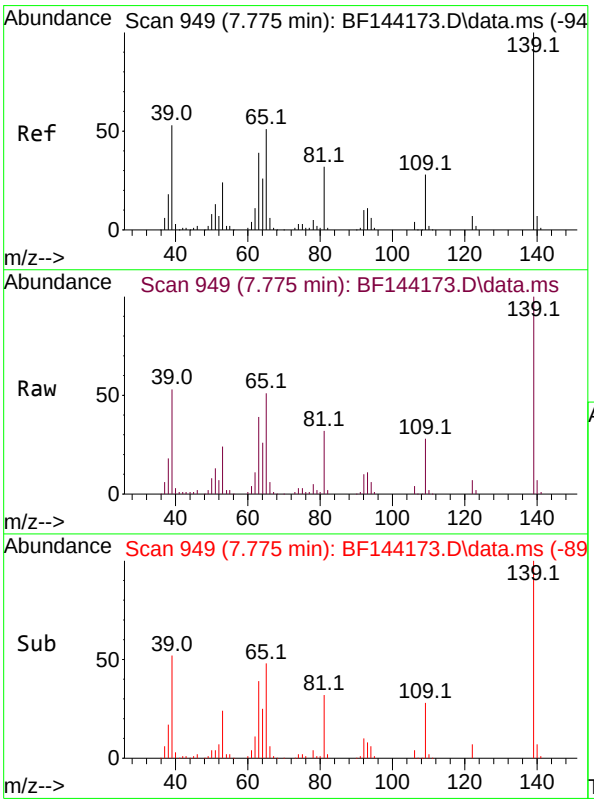

#25
Isophorone
Concen: 41.082 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 82 Resp: 352919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 17.1 | 13.7 | 20.5 |

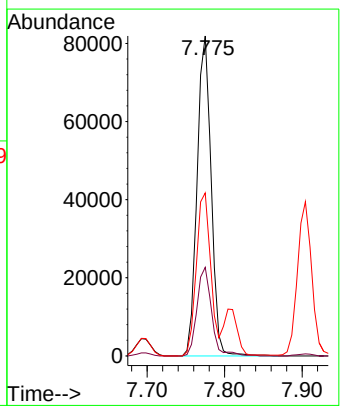


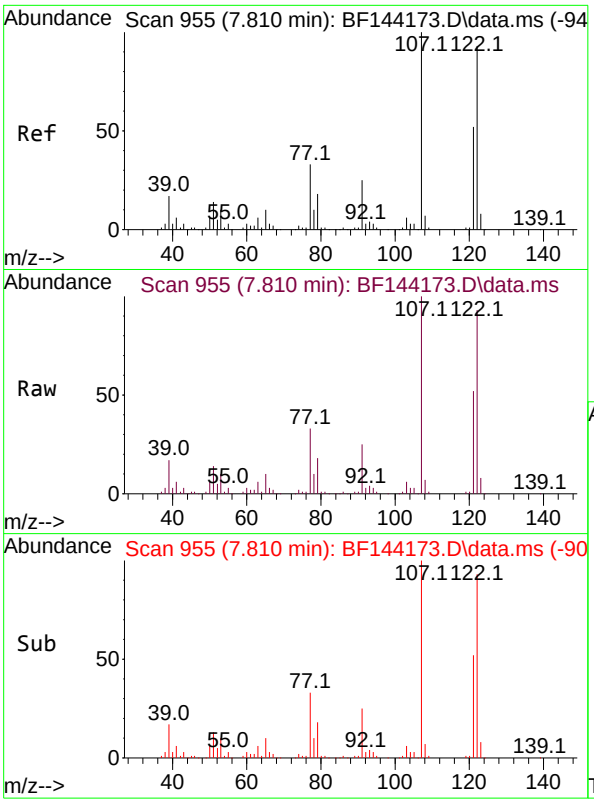




#26
2-Nitrophenol
Concen: 42.269 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:139 Resp: 103181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.7 | 22.2 | 33.2 |
| 65 | 50.9 | 40.7 | 61.1 |



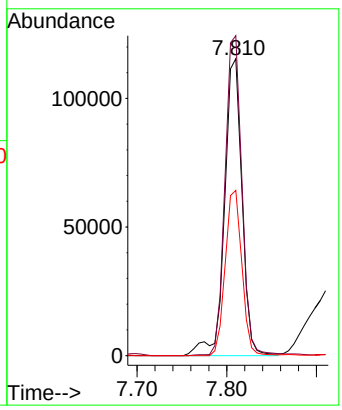


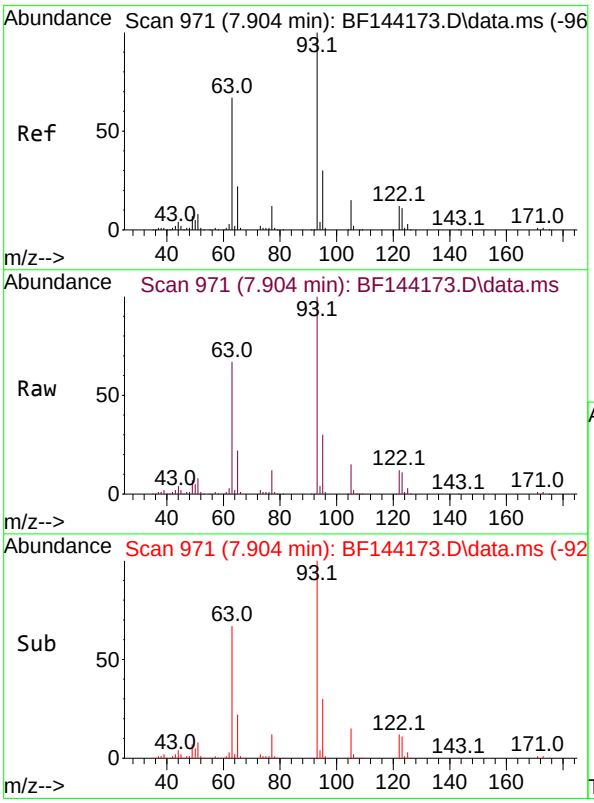

#27
2,4-Dimethylphenol
Concen: 42.784 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:122 Resp: 156535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.8 | 86.2 | 129.4 |
| 121 | 55.7 | 44.6 | 66.8 |

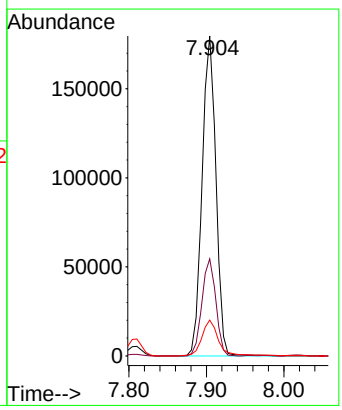


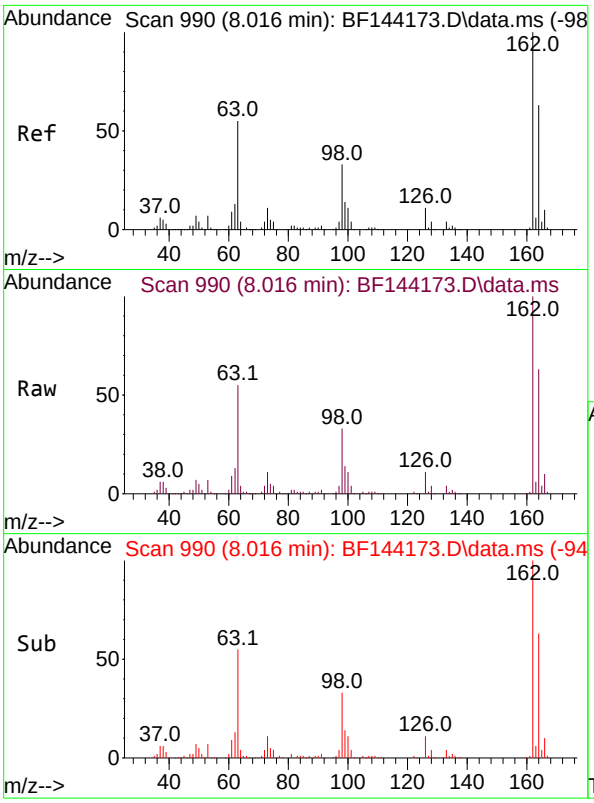




#28
bis(2-Chloroethoxy)methane
Concen: 41.364 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 221900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 30.3 | 24.2 | 36.4 |
| 123 | 11.2 | 9.0 | 13.4 |



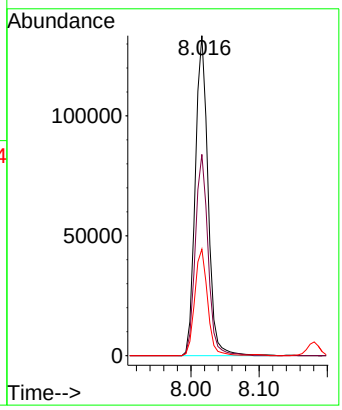


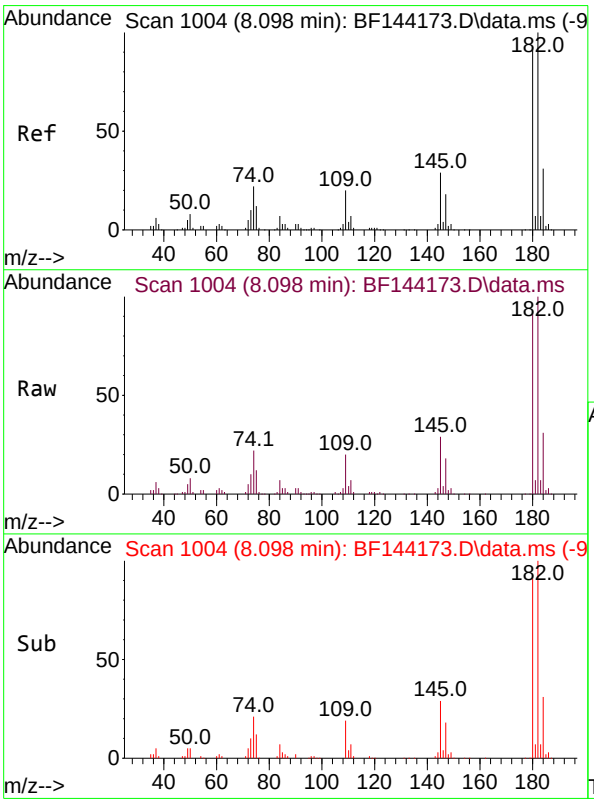

#29
2,4-Dichlorophenol
Concen: 41.210 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:162 Resp: 173779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.9 | 42.9 | 82.9 |
| 98 | 33.3 | 13.3 | 53.3 |

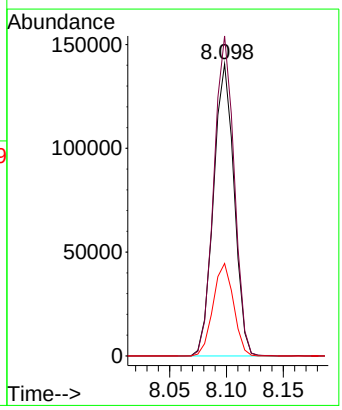


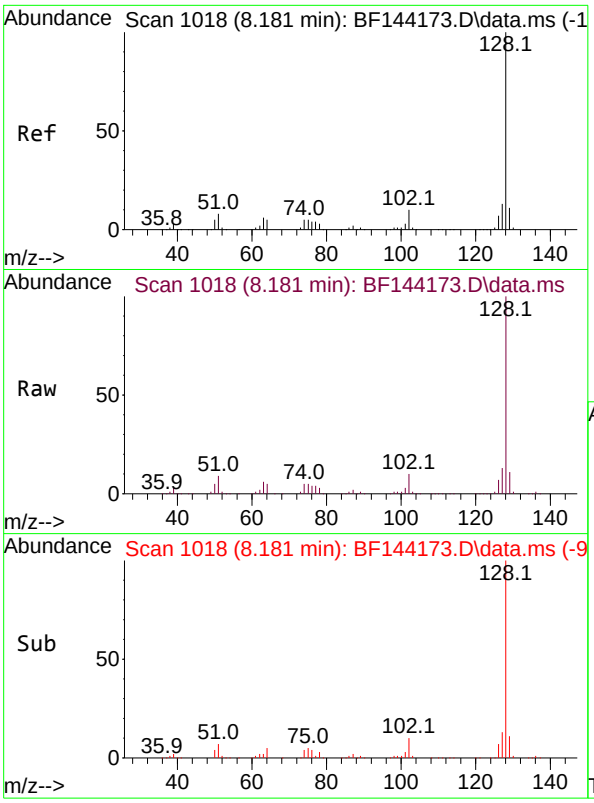




#30
1,2,4-Trichlorobenzene
Concen: 40.825 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:180 Resp: 176777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 109.6 | 87.7 | 131.5 |
| 145 | 31.7 | 25.4 | 38.0 |



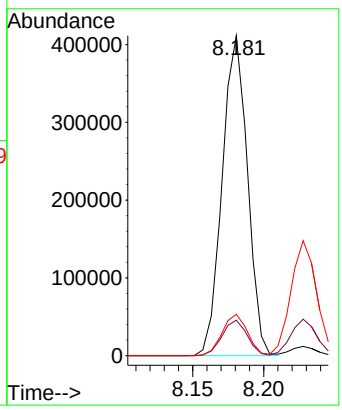


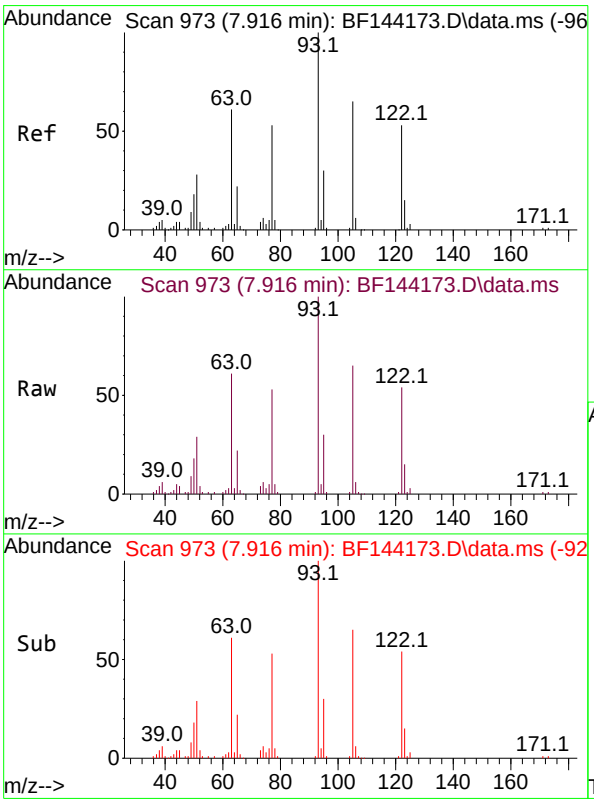

#31
Naphthalene
Concen: 40.755 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:128 Resp: 508521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.9 | 13.3 |
| 127 | 12.9 | 10.3 | 15.5 |

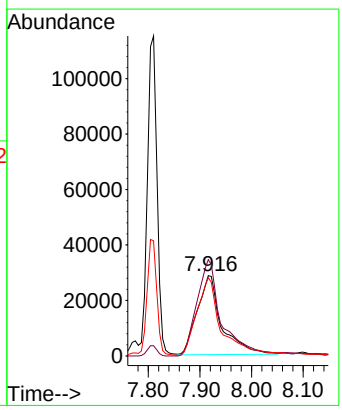


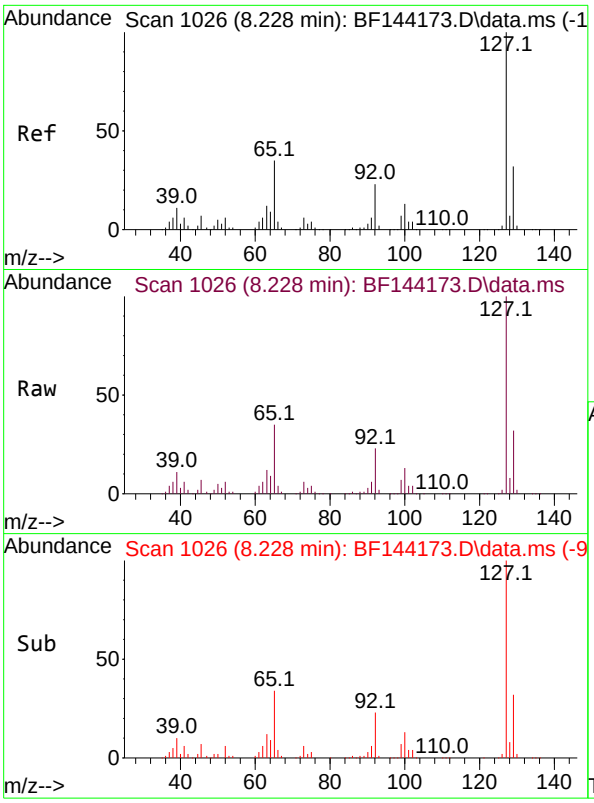




#32
Benzoic acid
Concen: 35.128 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:122 Resp: 94209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.9 | 99.9 | 139.9 |
| 77 | 97.5 | 77.5 | 117.5 |



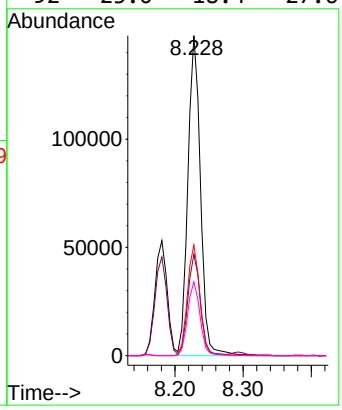


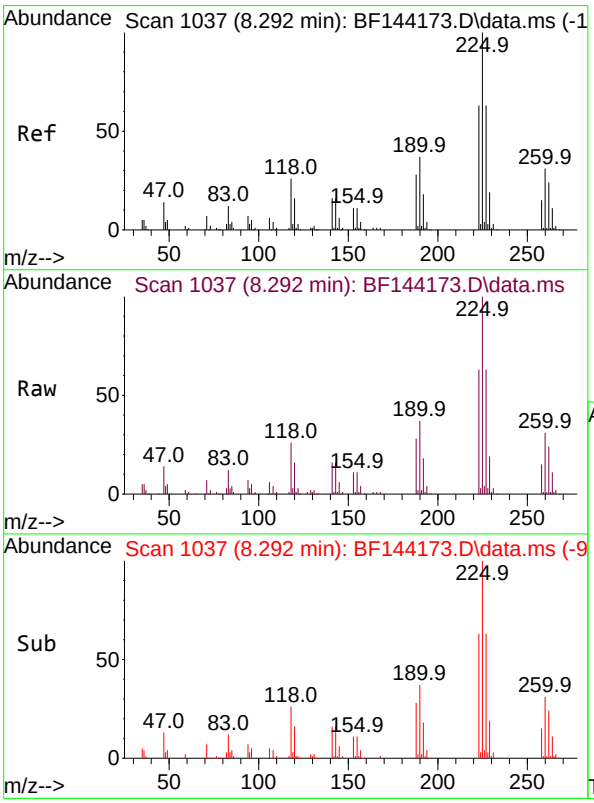

#33
4-Chloroaniline
Concen: 41.763 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:127 Resp: 190054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 25.3 | 37.9 |
| 65 | 34.5 | 27.6 | 41.4 |
| 92 | 23.0 | 18.4 | 27.6 |

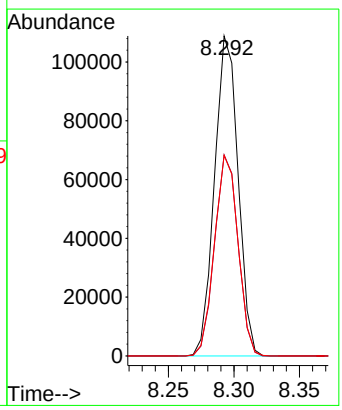


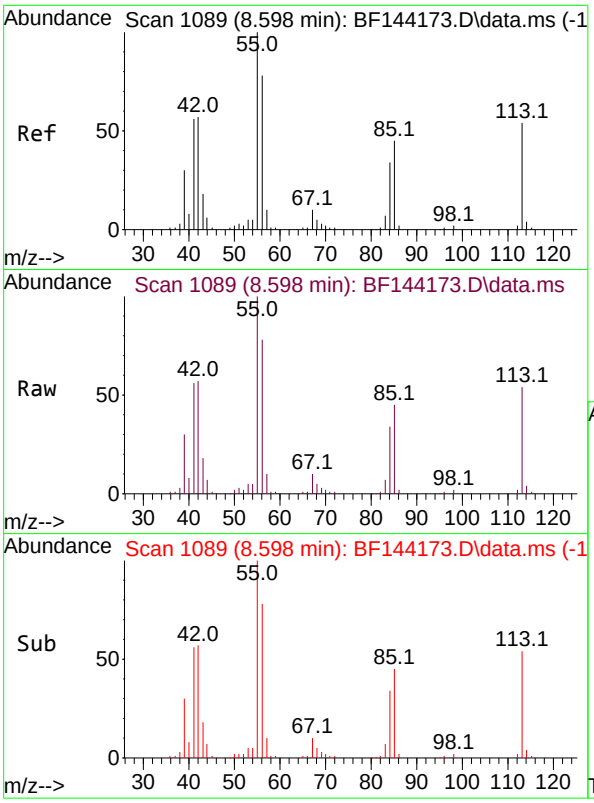




#34
Hexachlorobutadiene
Concen: 41.671 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:225 Resp: 135990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 50.2 | 75.4 |
| 227 | 62.6 | 50.1 | 75.1 |



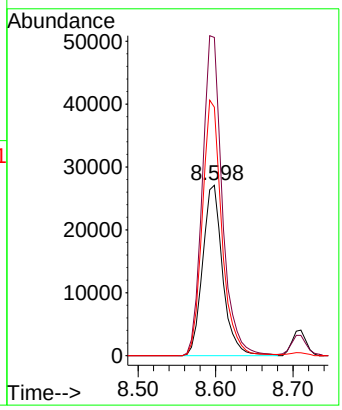


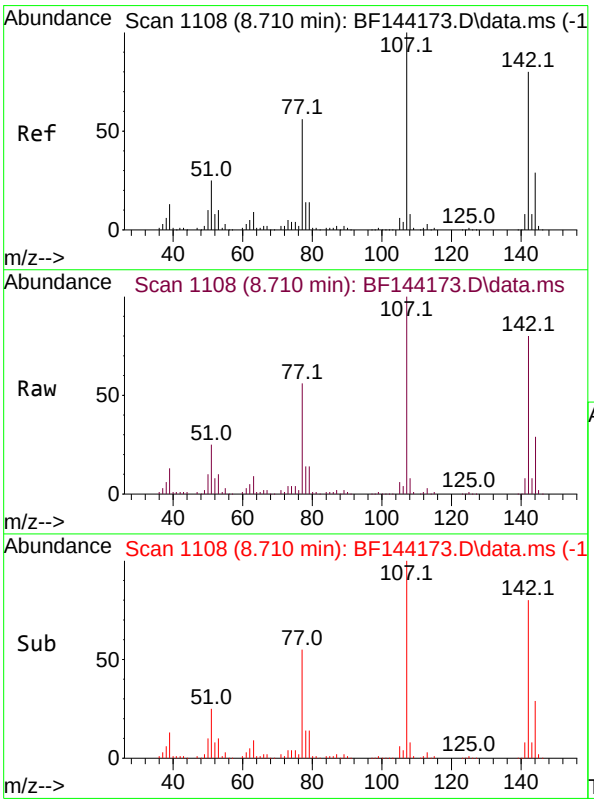

#35
Caprolactam
Concen: 41.945 ng
RT: 8.598 min Scan# 10
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:113 Resp: 48459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 186.8 | 166.8 | 206.8 |
| 56 | 145.9 | 125.9 | 165.9 |

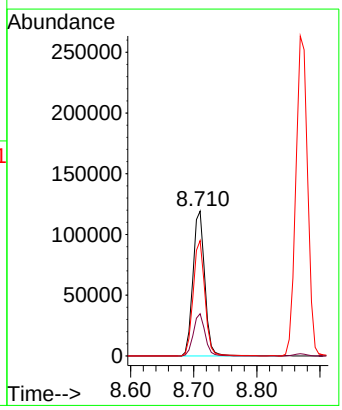


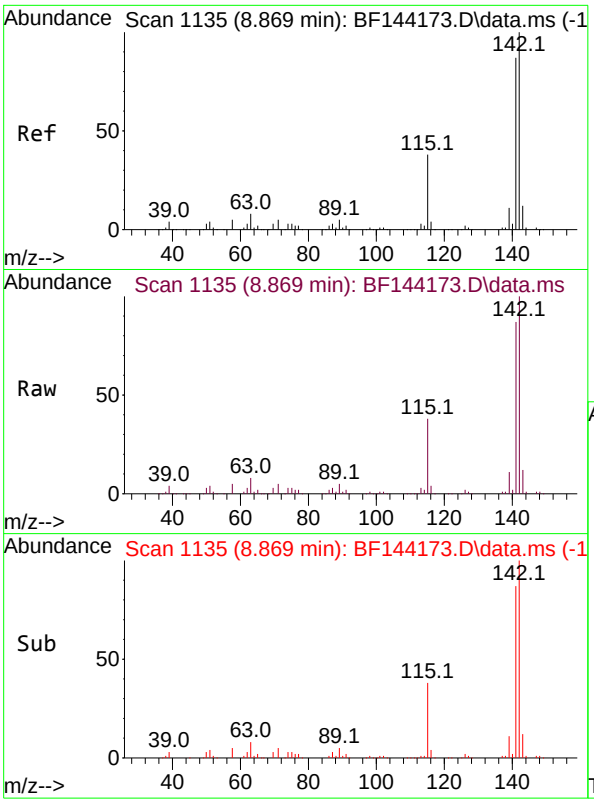




#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:107 Resp: 155844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.1 | 23.3 | 34.9 |
| 142 | 79.7 | 63.8 | 95.6 |



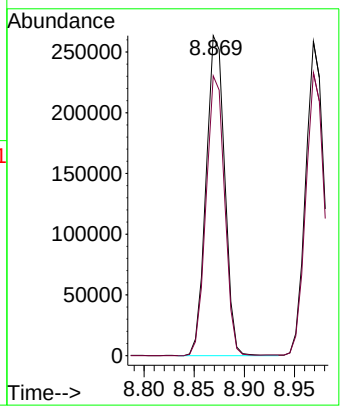


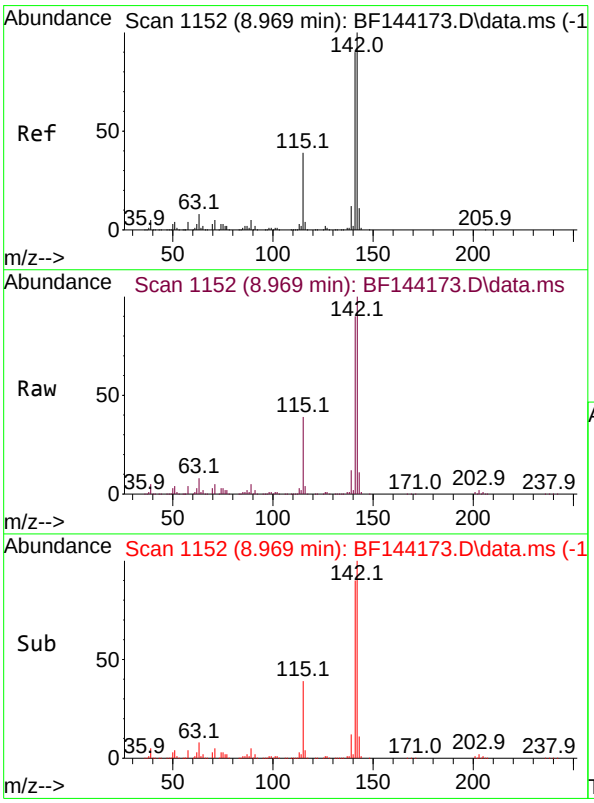

#37
2-Methylnaphthalene
Concen: 40.712 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:142 Resp: 339639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.4 | 69.9 | 104.9 |

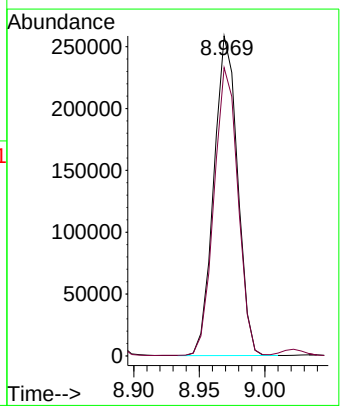


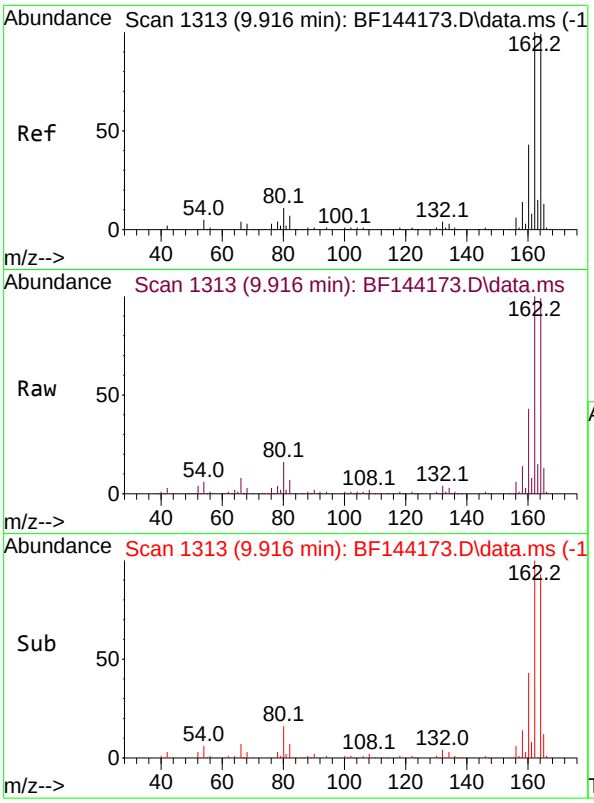




#38
1-Methylnaphthalene
Concen: 40.435 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:142 Resp: 325483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 72.1 | 108.1 |



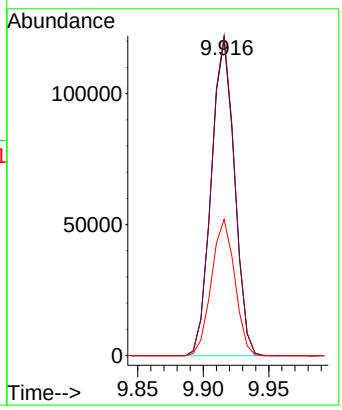


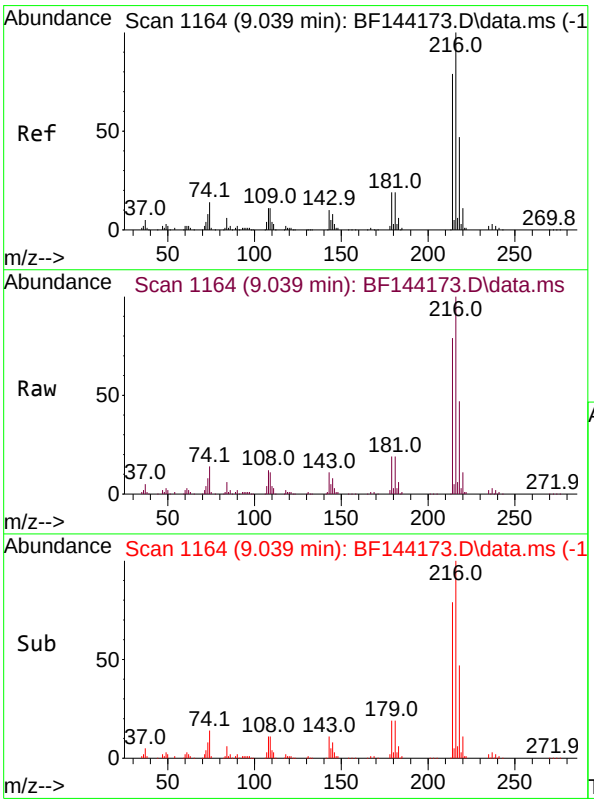

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:164 Resp: 148823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 81.1 | 121.7 |
| 160 | 43.1 | 34.5 | 51.7 |

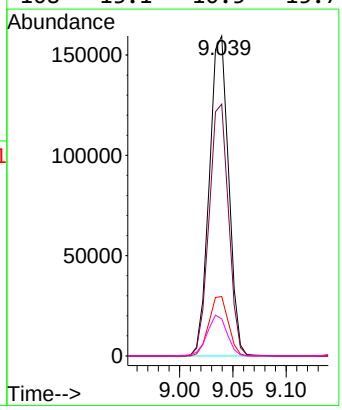


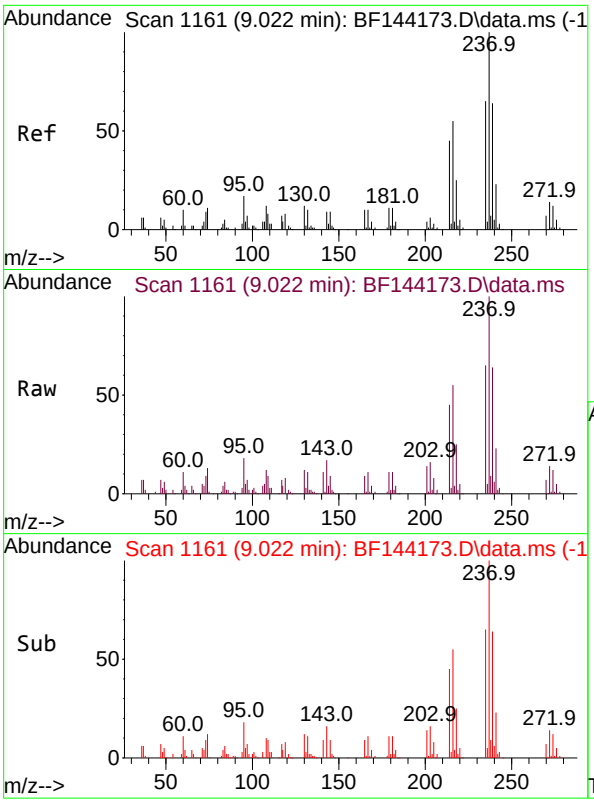




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.210 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:216 Resp: 200998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.3 | 63.4 | 95.2 |
| 179 | 18.7 | 15.0 | 22.4 |
| 108 | 13.1 | 10.5 | 15.7 |



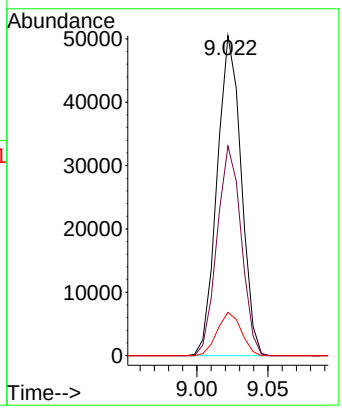


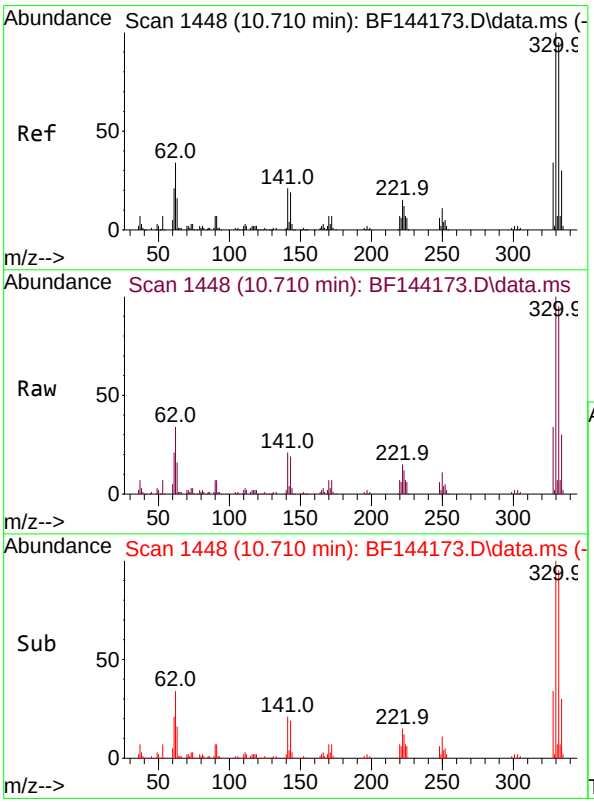

#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:237 Resp: 59520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.5 | 45.5 | 85.5 |
| 272 | 13.5 | 0.0 | 33.5 |

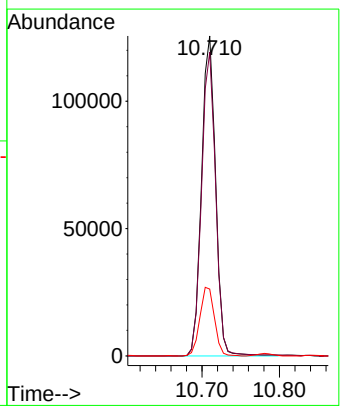


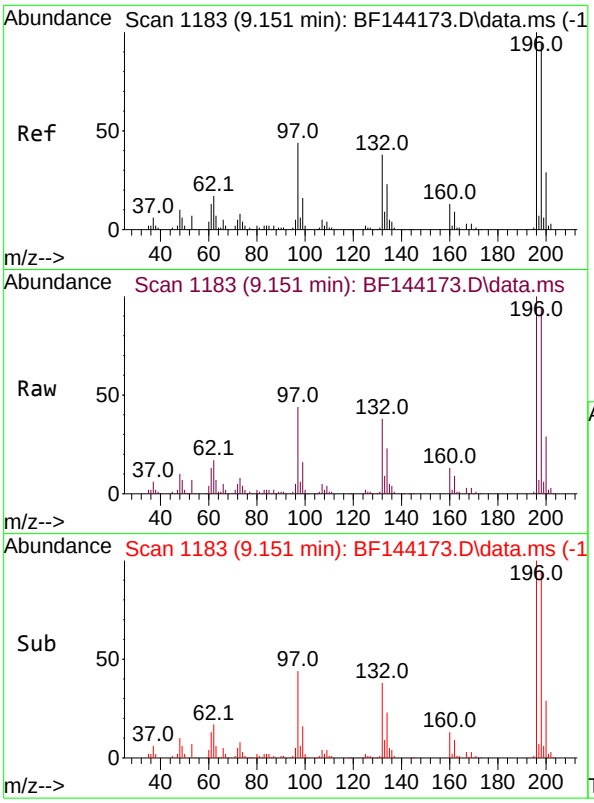




#42
2,4,6-Tribromophenol
Concen: 84.493 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:330 Resp: 157795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.7 | 115.1 |
| 141 | 22.3 | 17.8 | 26.8 |



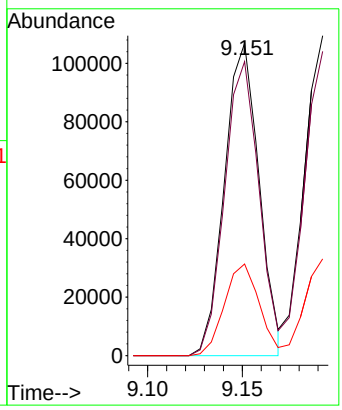


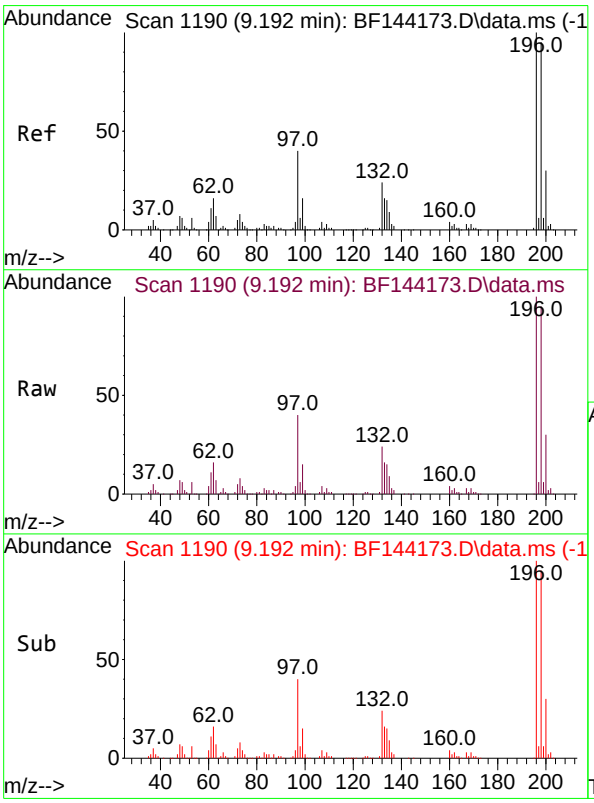

#43
2,4,6-Trichlorophenol
Concen: 40.875 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:196 Resp: 135691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 75.3 | 112.9 |
| 200 | 29.3 | 23.4 | 35.2 |

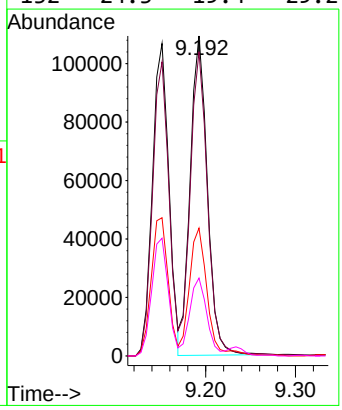


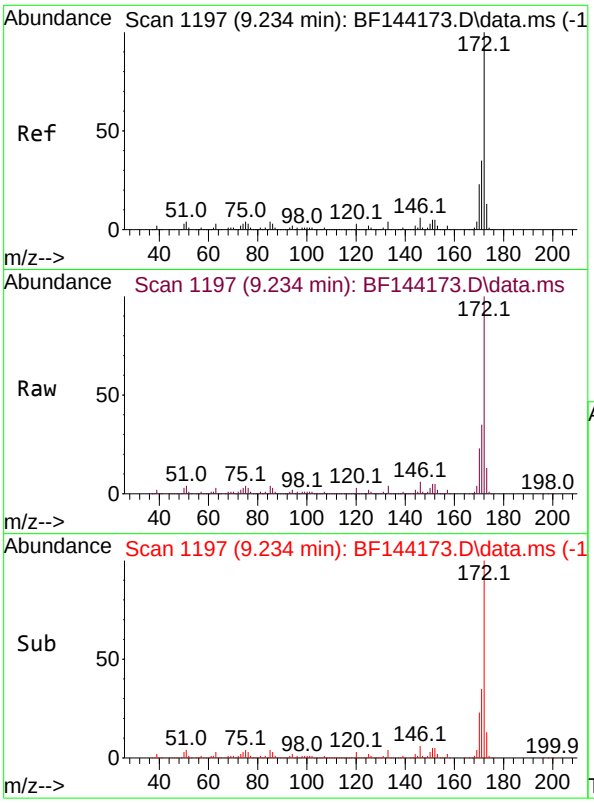




#44
2,4,5-Trichlorophenol
Concen: 40.641 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 145405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 76.1 | 114.1 |
| 97 | 39.9 | 31.9 | 47.9 |
| 132 | 24.3 | 19.4 | 29.2 |



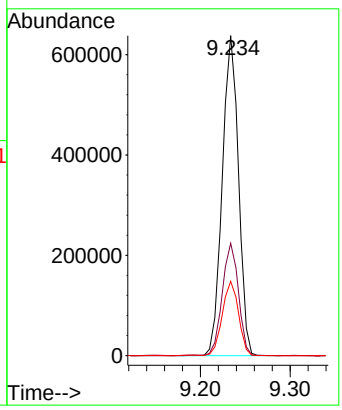


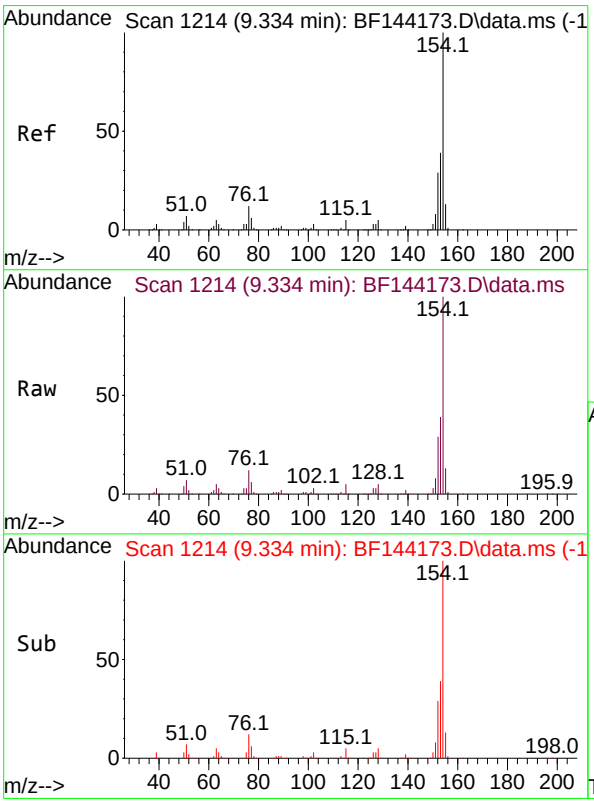

#45
2-Fluorobiphenyl
Concen: 79.737 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:172 Resp: 803464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.1 | 42.1 |
| 170 | 23.3 | 18.6 | 28.0 |

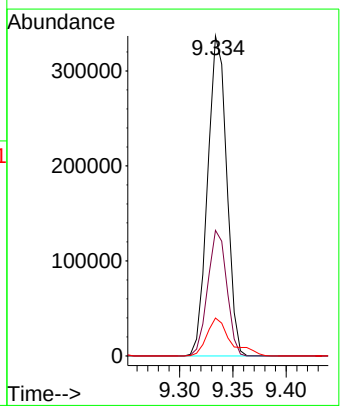


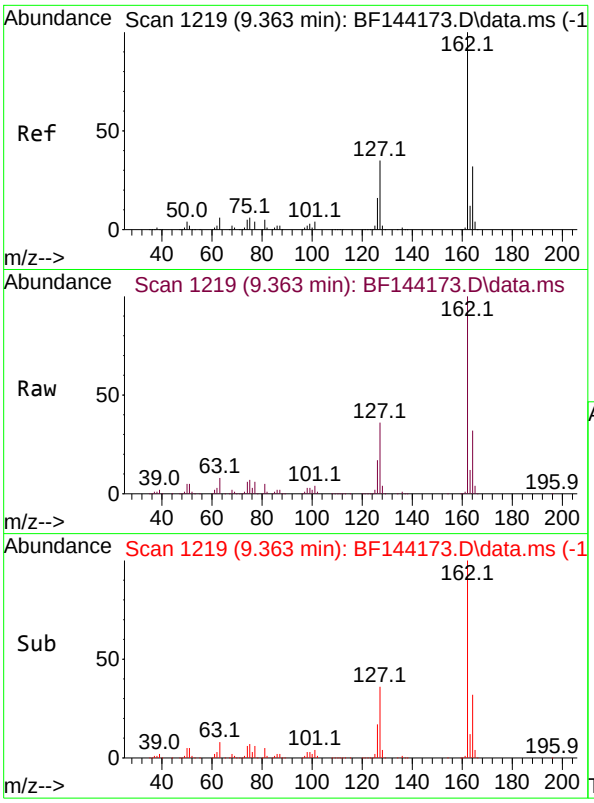




#46
1,1'-Biphenyl
Concen: 40.345 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:154 Resp: 419119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.2 | 19.2 | 59.2 |
| 76 | 11.8 | 0.0 | 31.8 |



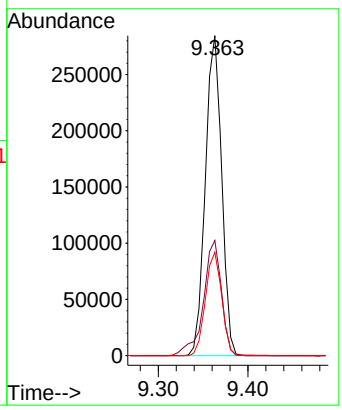


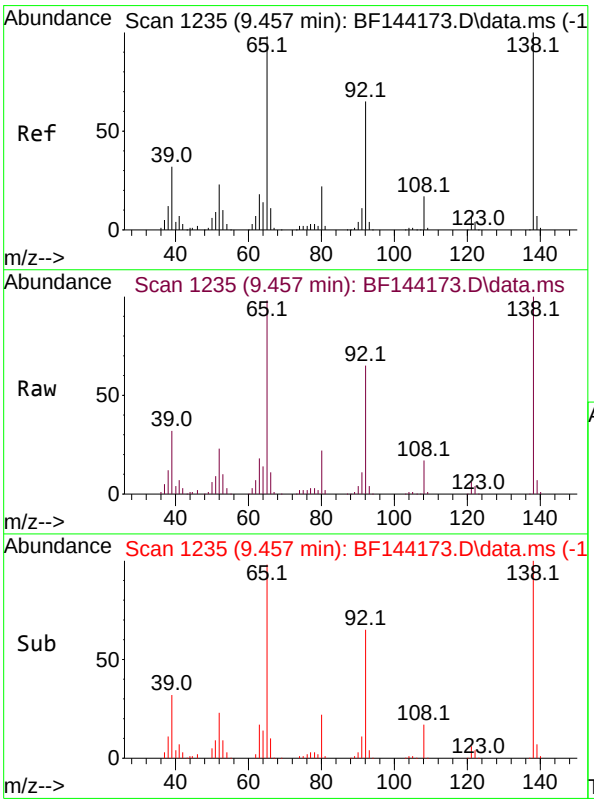

#47
2-Chloronaphthalene
Concen: 40.458 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:162 Resp: 358514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.0 | 28.8 | 43.2 |
| 164 | 32.3 | 25.8 | 38.8 |

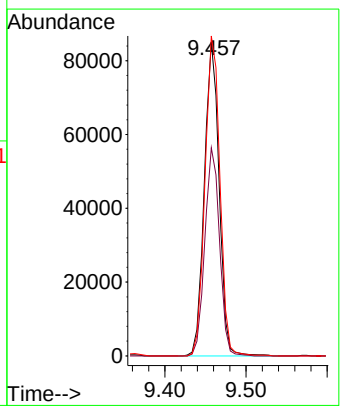


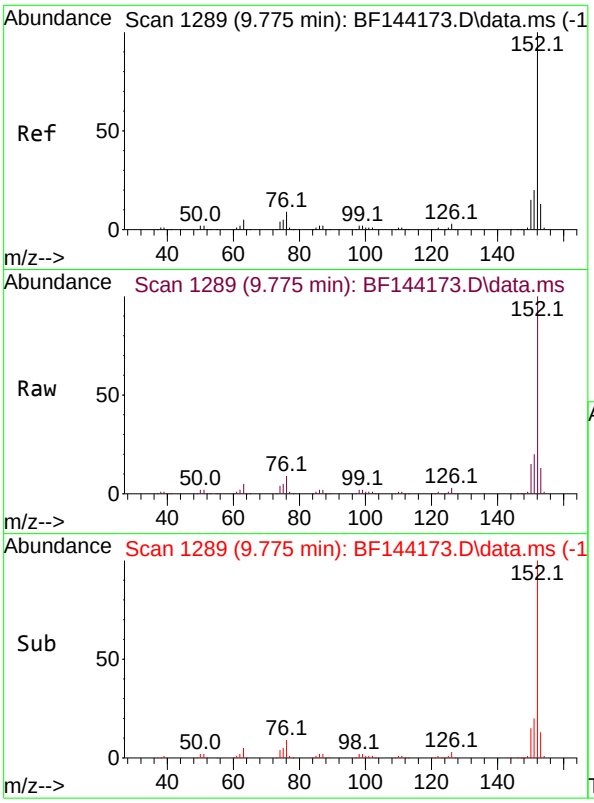




#48
2-Nitroaniline
Concen: 42.059 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 65 Resp: 107536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.3 | 53.0 | 79.6 |
| 138 | 102.0 | 81.6 | 122.4 |



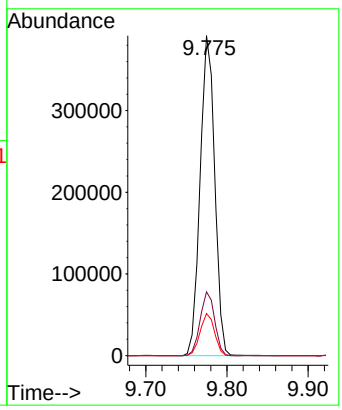


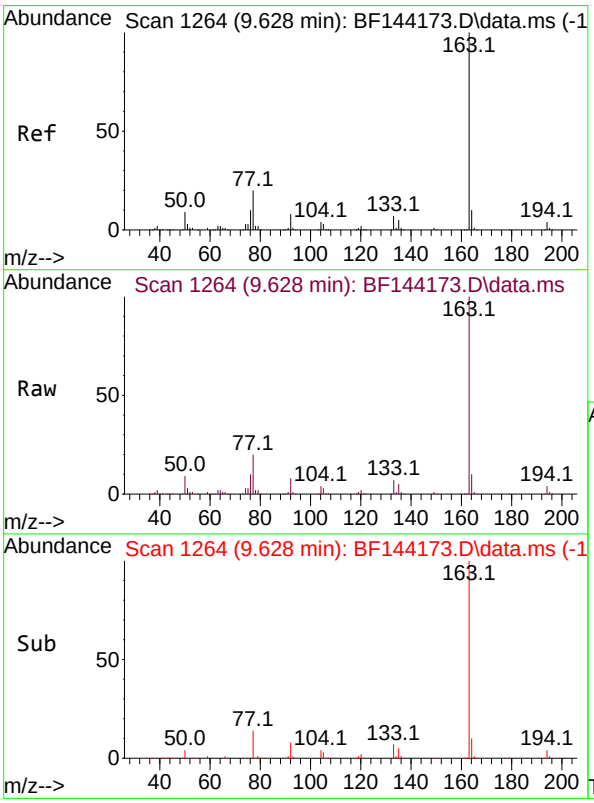

#49
Acenaphthylene
Concen: 40.553 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:152 Resp: 489708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.9 | 23.9 |
| 153 | 13.1 | 10.5 | 15.7 |

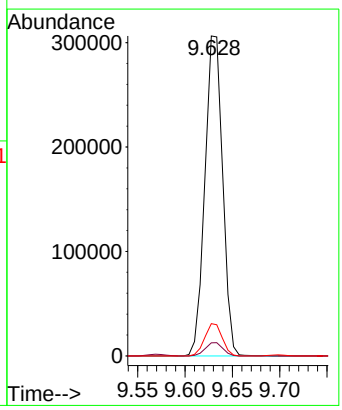


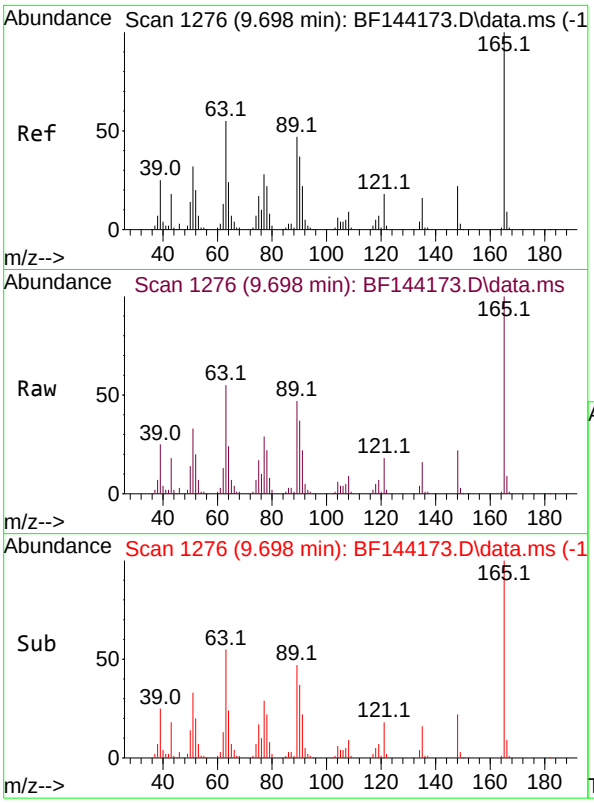




#50
Dimethylphthalate
Concen: 40.620 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:163 Resp: 400479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.1 | 8.1 | 12.1 |



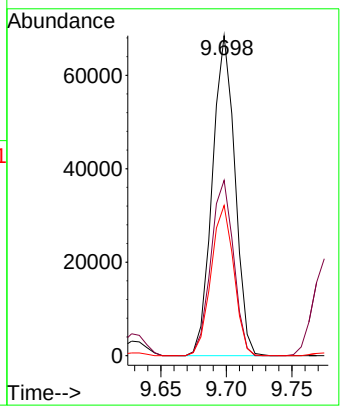


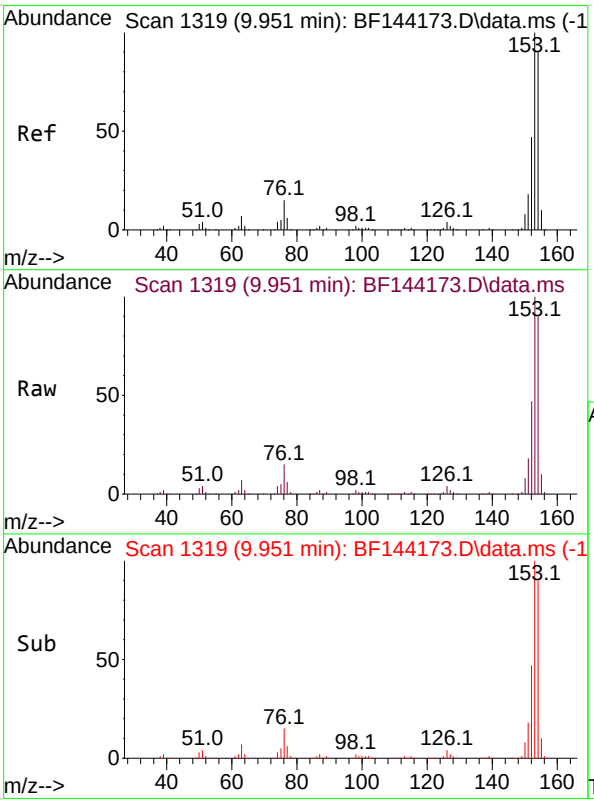

#51
2,6-Dinitrotoluene
Concen: 41.169 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:165 Resp: 82166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 54.8 | 43.8 | 65.8 |
| 89 | 46.9 | 37.5 | 56.3 |

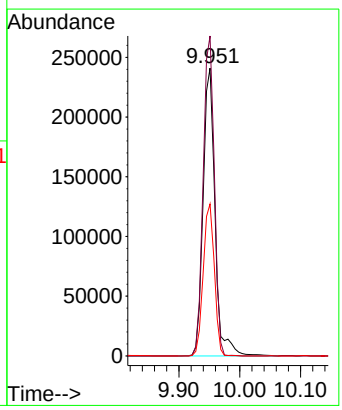


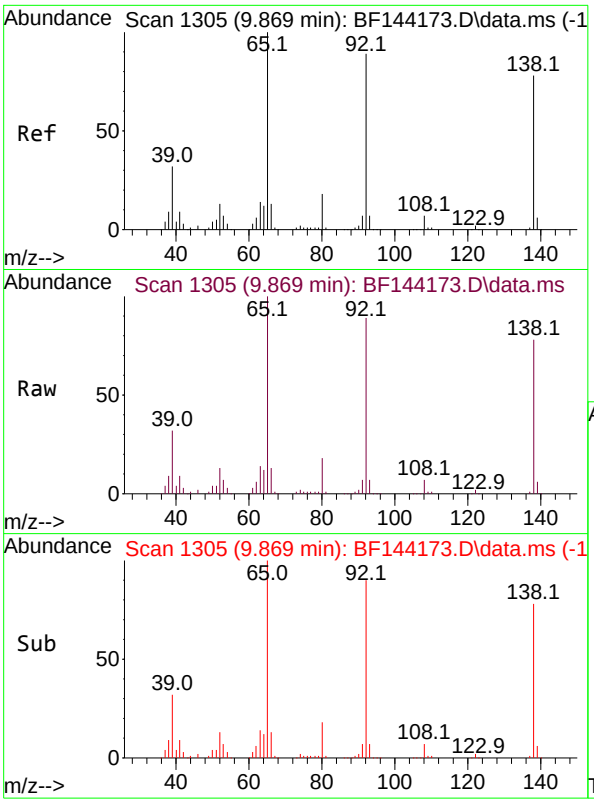




#52
Acenaphthene
Concen: 40.406 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:154 Resp: 326285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.2 | 89.0 | 133.4 |
| 152 | 52.8 | 42.2 | 63.4 |



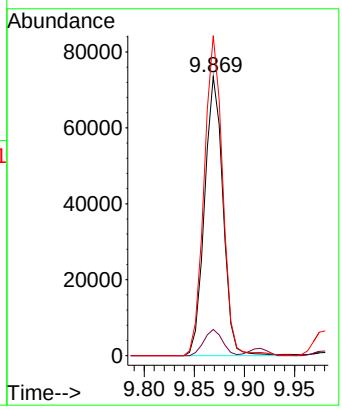


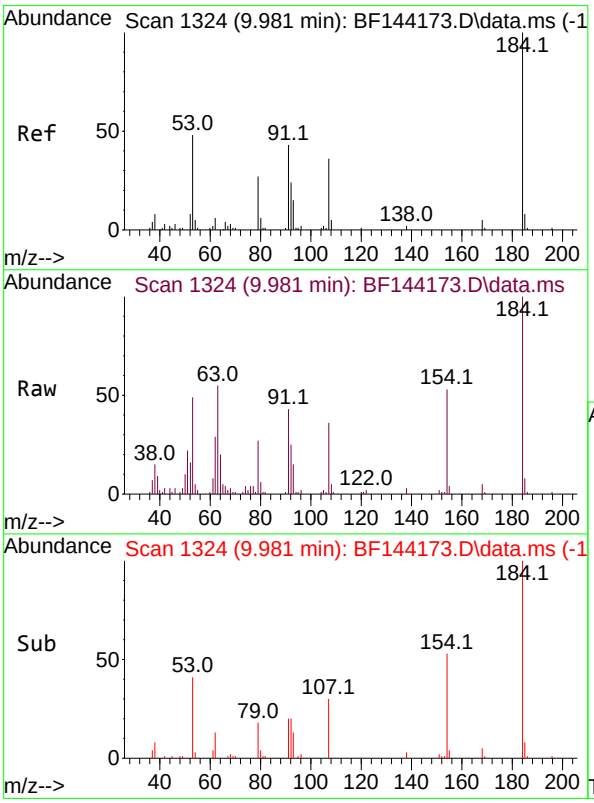

#53
3-Nitroaniline
Concen: 42.918 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:138 Resp: 93636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.4 | 7.5 | 11.3 |
| 92 | 114.7 | 91.8 | 137.6 |

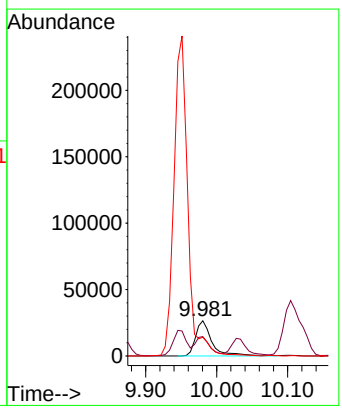


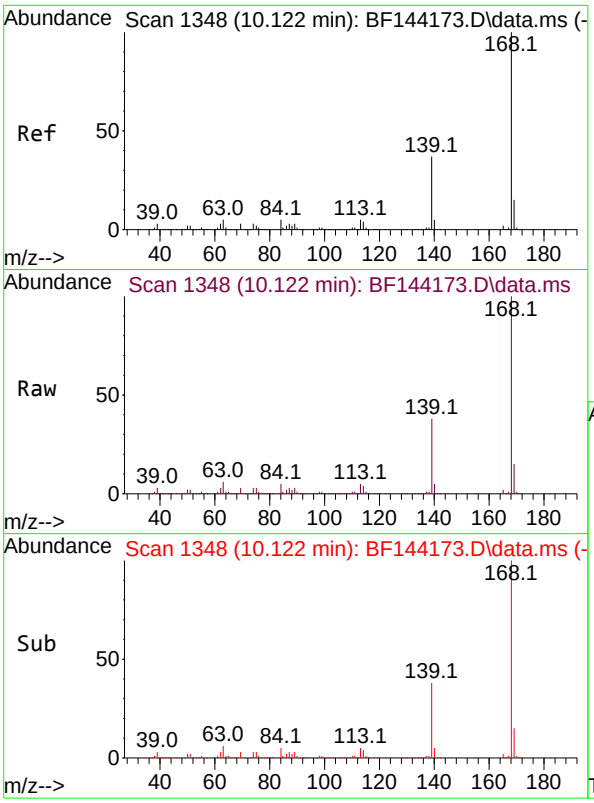




#54
2,4-Dinitrophenol
Concen: 34.614 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:184 Resp: 41716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.0 | 44.0 | 66.0 |
| 154 | 53.0 | 42.4 | 63.6 |



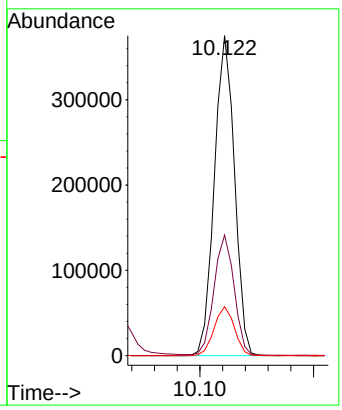


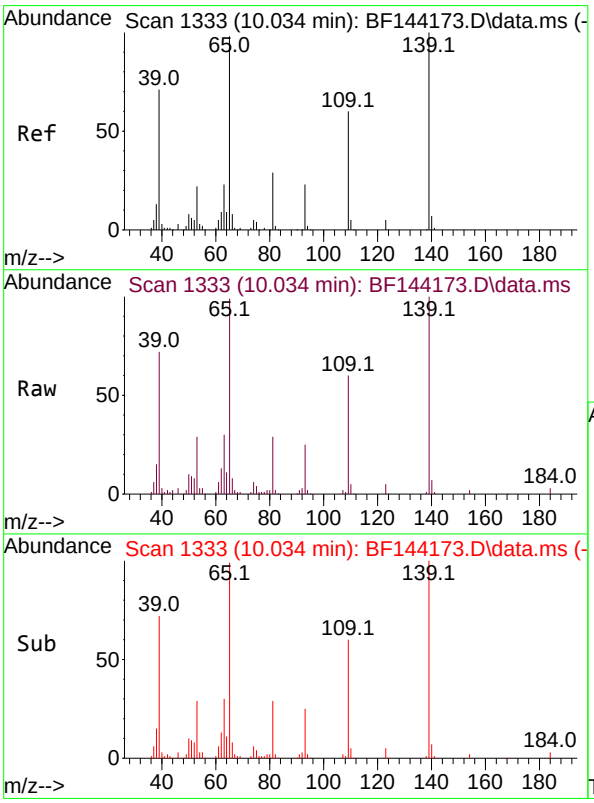

#55
Dibenzofuran
Concen: 40.810 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:168 Resp: 461538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.7 | 30.2 | 45.2 |
| 169 | 15.3 | 12.2 | 18.4 |

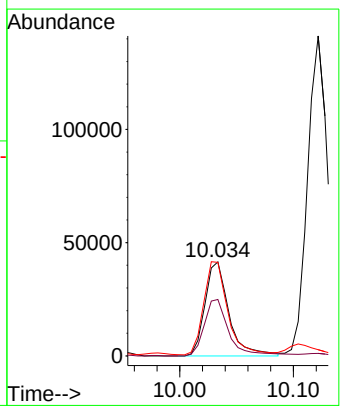


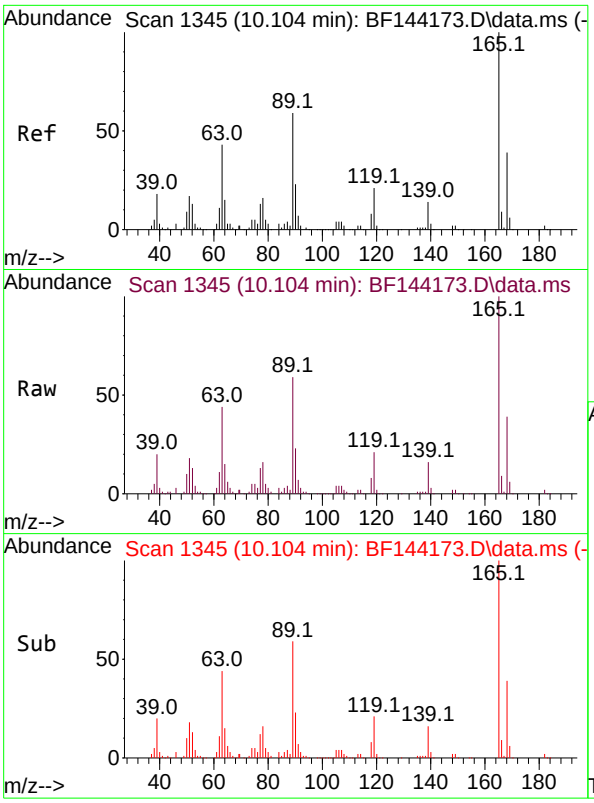




#56
4-Nitrophenol
Concen: 38.426 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:139 Resp: 60643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 59.9 | 39.9 | 79.9 |
| 65 | 99.5 | 79.5 | 119.5 |



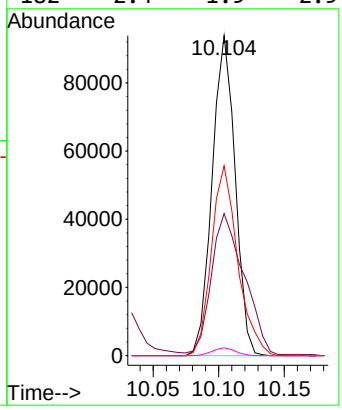


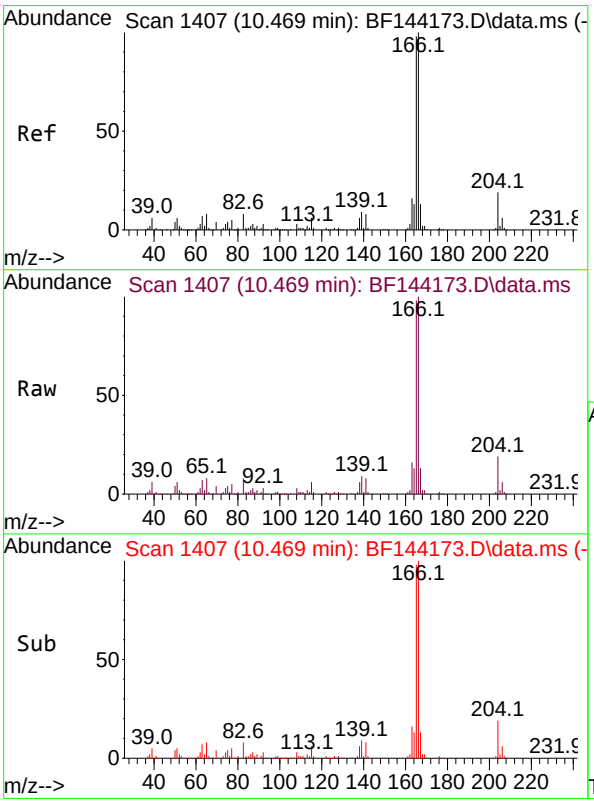

#57
2,4-Dinitrotoluene
Concen: 42.858 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:165 Resp: 114508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.4 | 35.5 | 53.3 |
| 89 | 59.3 | 47.4 | 71.2 |
| 182 | 2.4 | 1.9 | 2.9 |

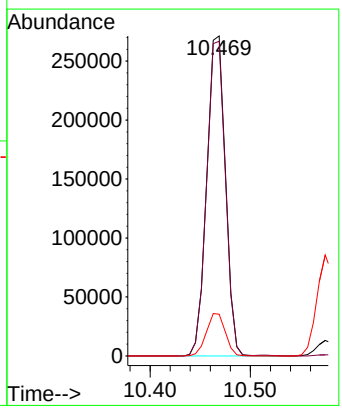


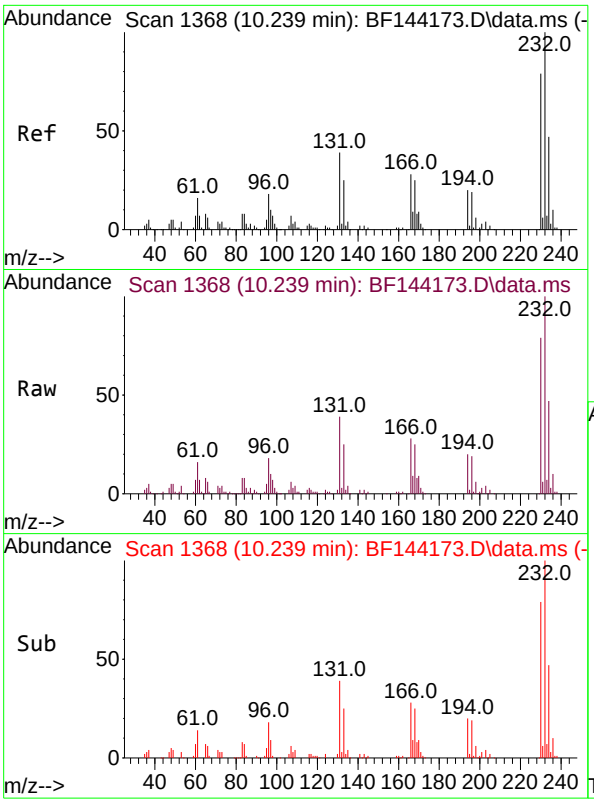




#58
Fluorene
Concen: 40.841 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:166 Resp: 351182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 78.6 | 118.0 |
| 167 | 13.0 | 10.4 | 15.6 |



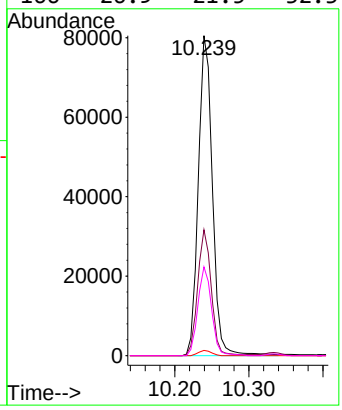


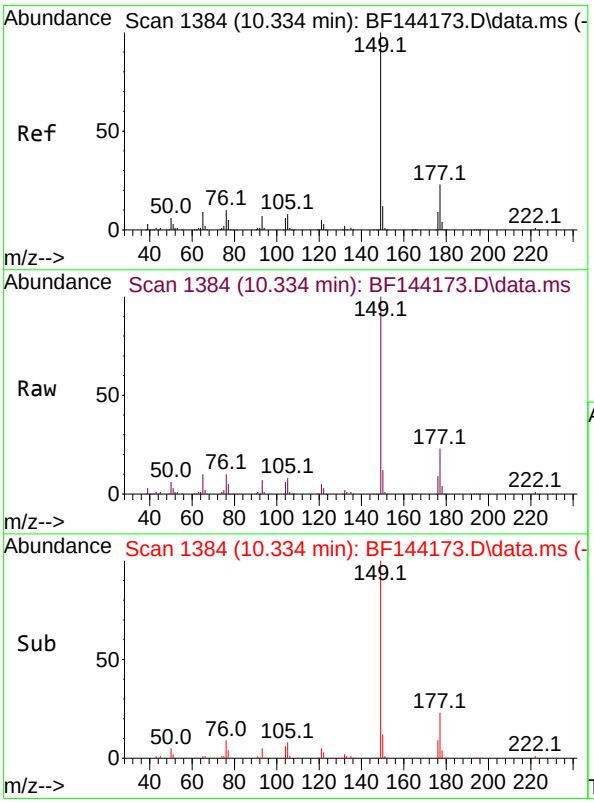

#59
2,3,4,6-Tetrachlorophenol
Concen: 42.037 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:232 Resp: 106411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.9 | 30.3 | 45.5 |
| 130 | 1.5 | 1.2 | 1.8 |
| 166 | 26.9 | 21.5 | 32.3 |

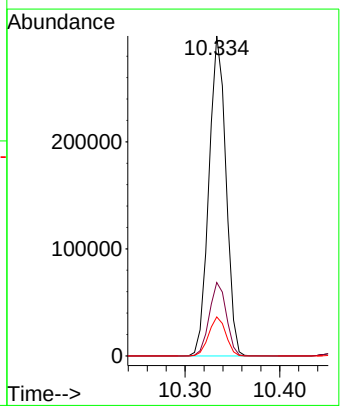


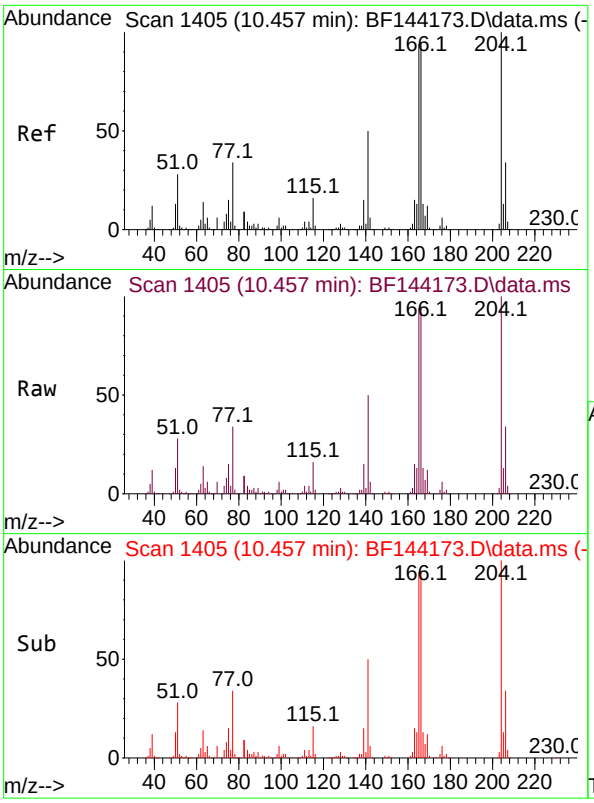




#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 373187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.9 | 18.3 | 27.5 |
| 150 | 12.2 | 9.8 | 14.6 |



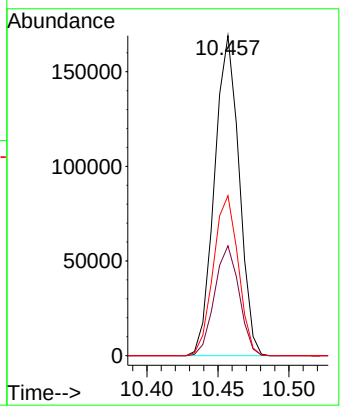


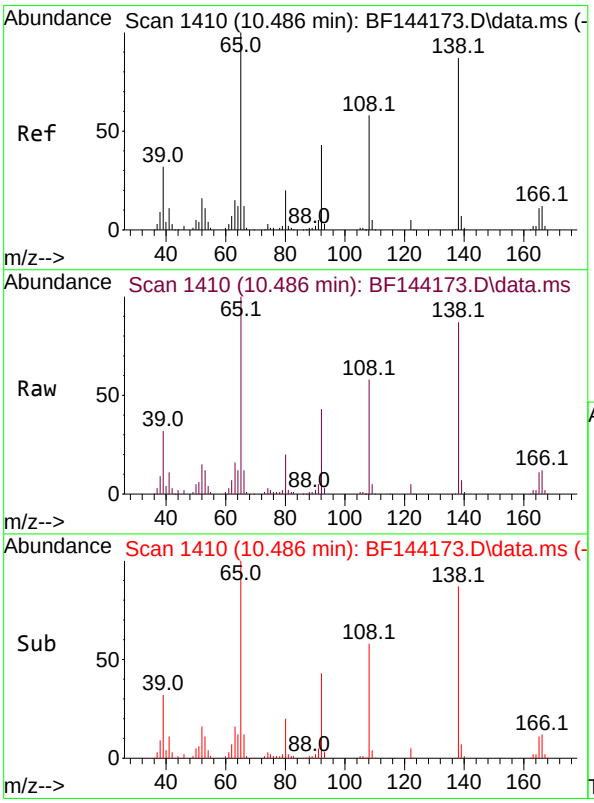

#61
4-Chlorophenyl-phenylether
Concen: 41.598 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:204 Resp: 203750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.3 | 27.4 | 41.2 |
| 141 | 50.0 | 40.0 | 60.0 |

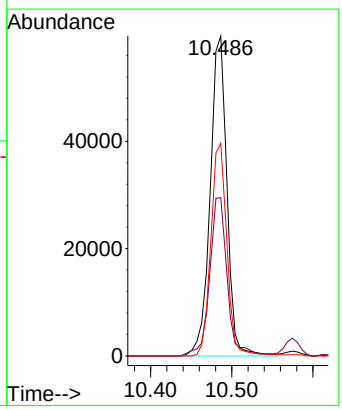


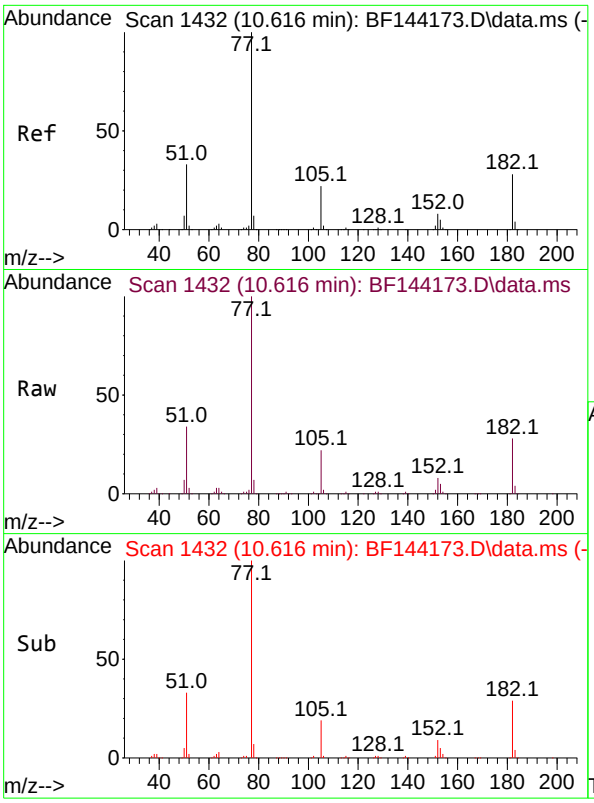




#62
4-Nitroaniline
Concen: 41.237 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 85679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.4 | 29.4 | 69.4 |
| 108 | 66.4 | 46.4 | 86.4 |



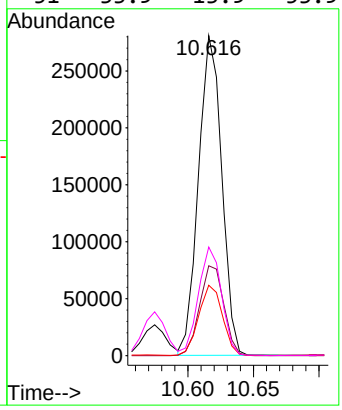


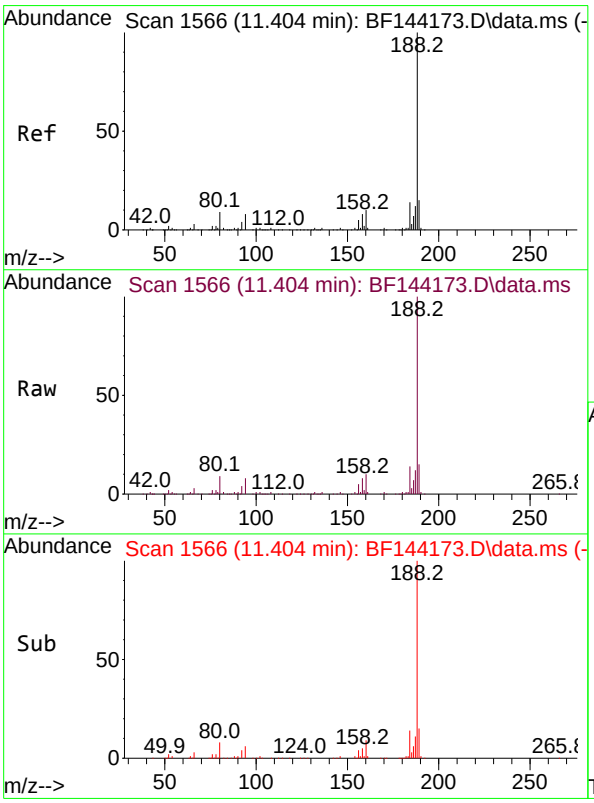

#63
Azobenzene
Concen: 40.948 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 77 Resp: 346367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.1 | 8.1 | 48.1 |
| 105 | 22.0 | 2.0 | 42.0 |
| 51 | 33.9 | 13.9 | 53.9 |

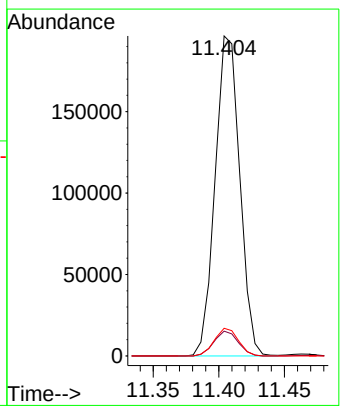


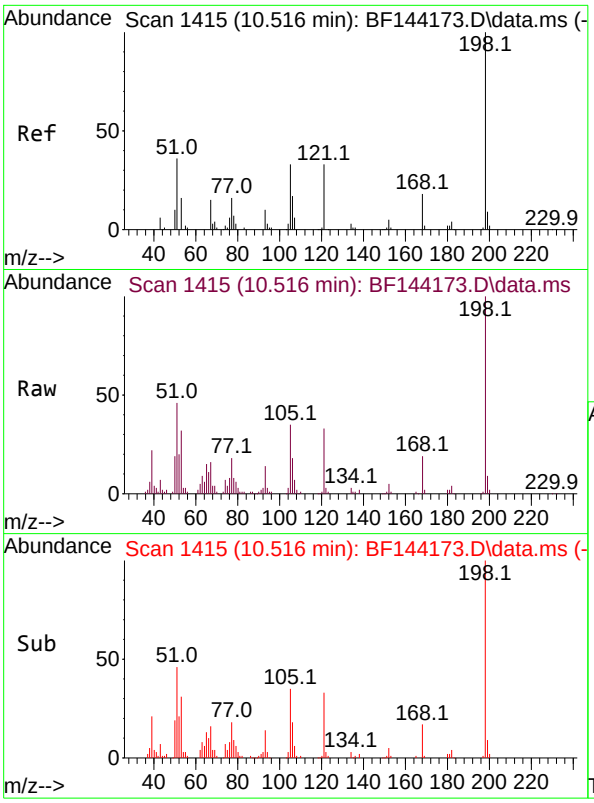




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:188 Resp: 257329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 6.2 | 9.2 |
| 80 | 8.6 | 6.9 | 10.3 |



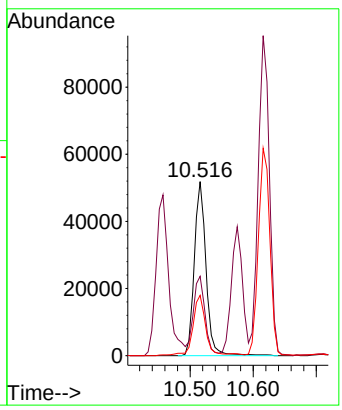


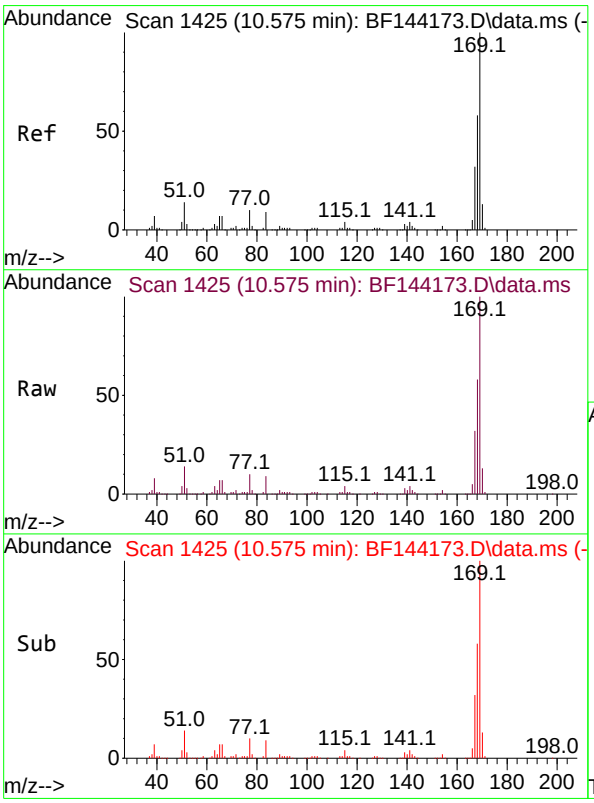

#65
4,6-Dinitro-2-methylphenol
Concen: 38.343 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:198 Resp: 67029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.6 | 25.6 | 65.6 |
| 105 | 34.6 | 14.6 | 54.6 |

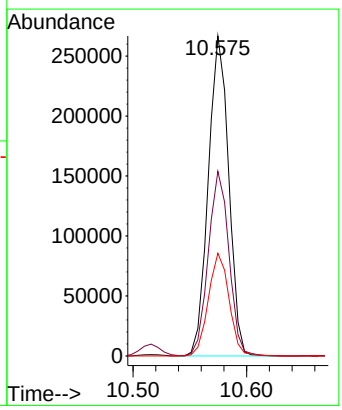


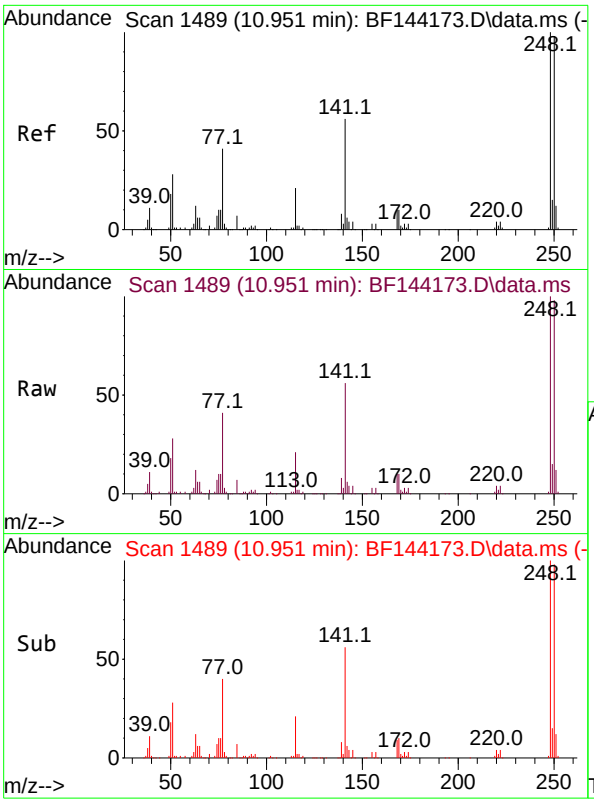




#66
n-Nitrosodiphenylamine
Concen: 40.189 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:169 Resp: 332623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 57.7 | 46.2 | 69.2 |
| 167 | 32.1 | 25.7 | 38.5 |



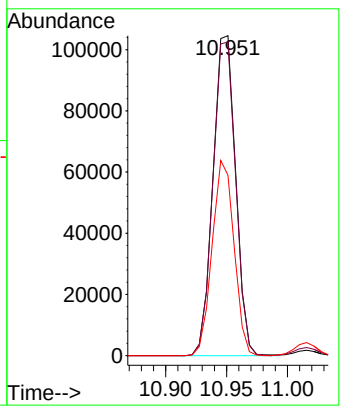


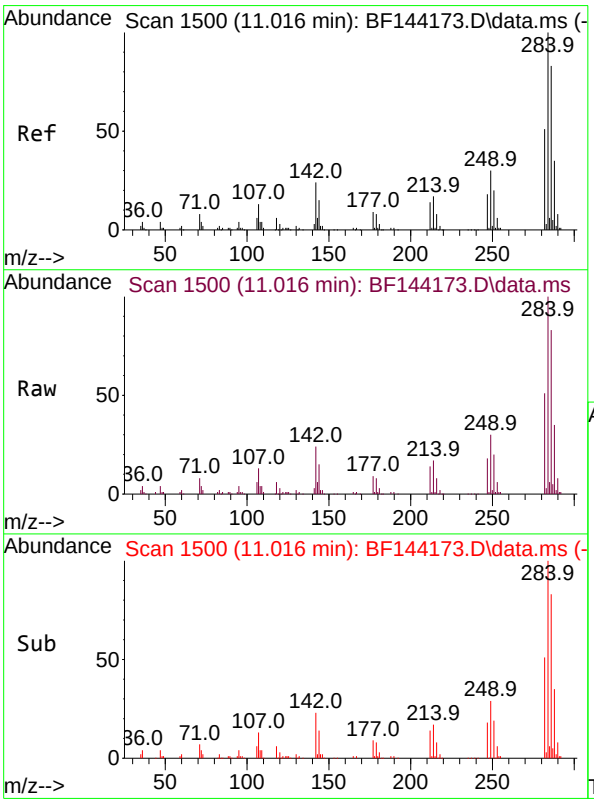

#67
4-Bromophenyl-phenylether
Concen: 41.198 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:248 Resp: 135319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 78.4 | 117.6 |
| 141 | 56.4 | 45.1 | 67.7 |

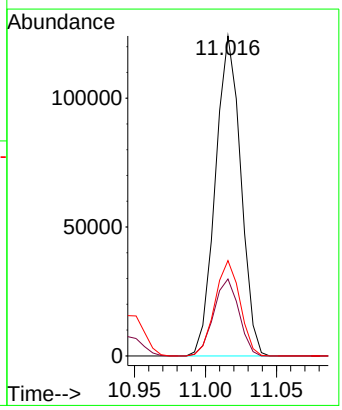


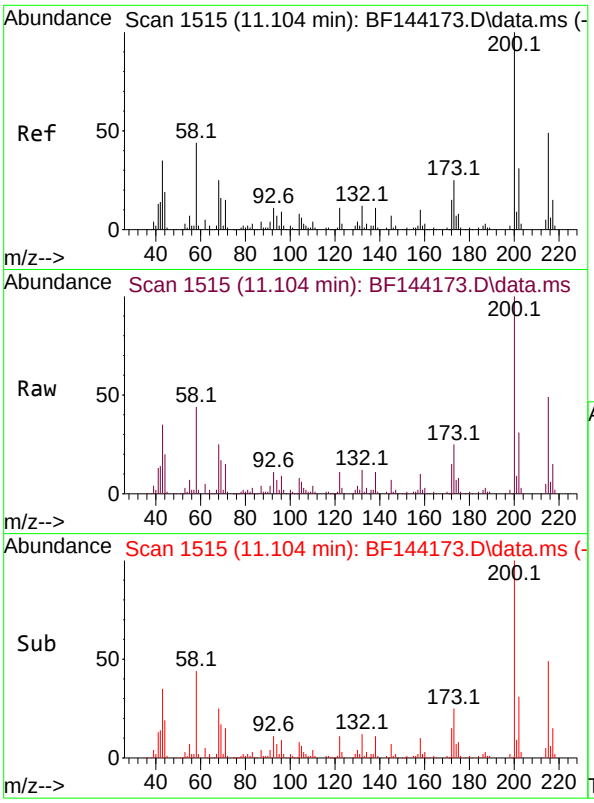




#68
Hexachlorobenzene
Concen: 39.943 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:284 Resp: 154532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.0 | 19.2 | 28.8 |
| 249 | 29.8 | 23.8 | 35.8 |



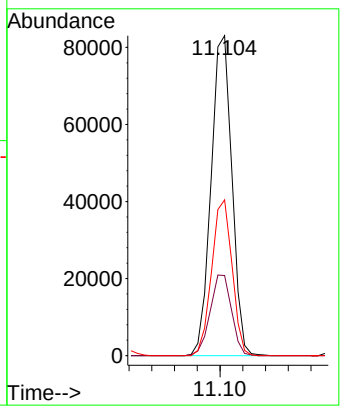


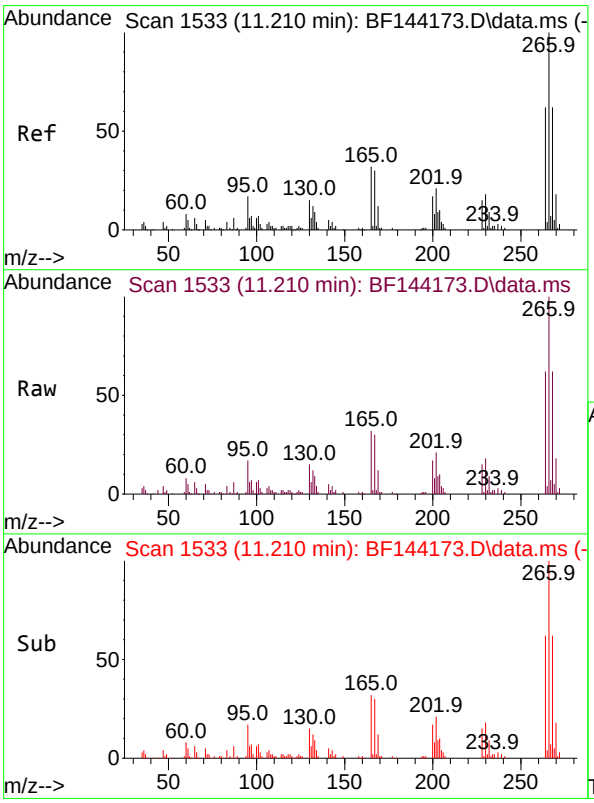

#69
Atrazine
Concen: 40.239 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:200 Resp: 105912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.0 | 5.0 | 45.0 |
| 215 | 48.7 | 28.7 | 68.7 |

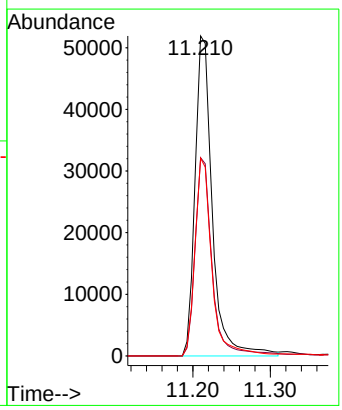


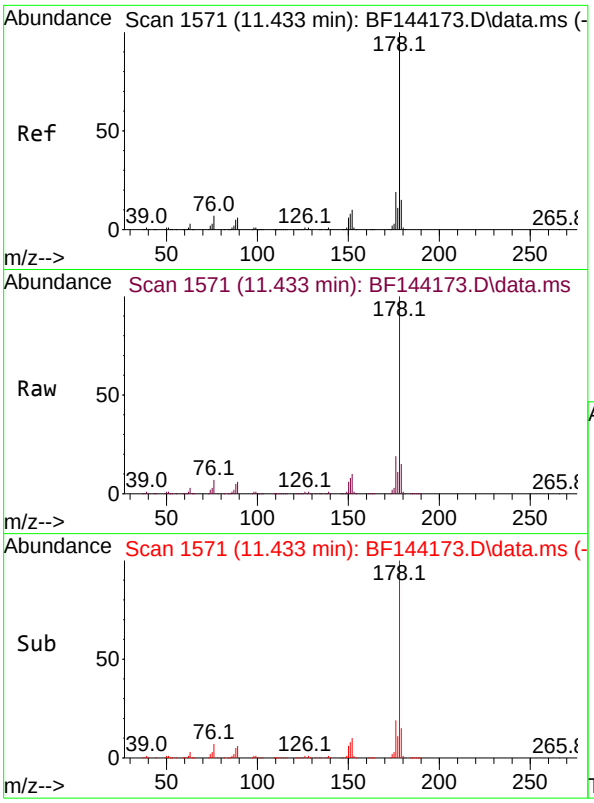




#70
Pentachlorophenol
Concen: 41.685 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:266 Resp: 80306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.9 | 49.5 | 74.3 |
| 264 | 61.8 | 49.4 | 74.2 |



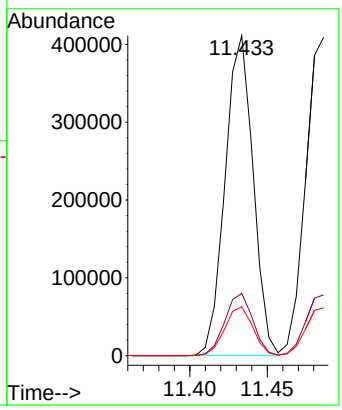


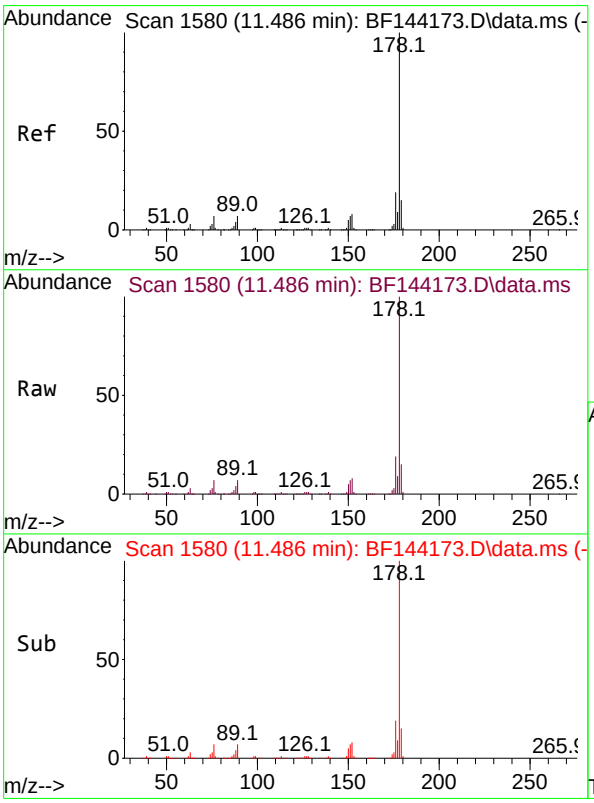

#71
Phenanthrene
Concen: 40.513 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:178 Resp: 519052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.5 | 23.3 |
| 179 | 15.3 | 12.2 | 18.4 |

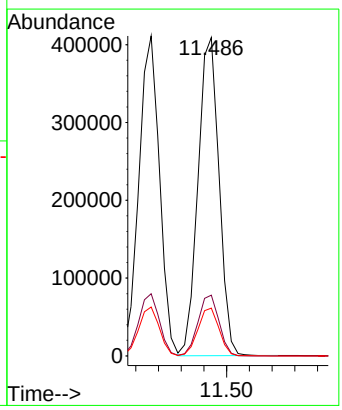


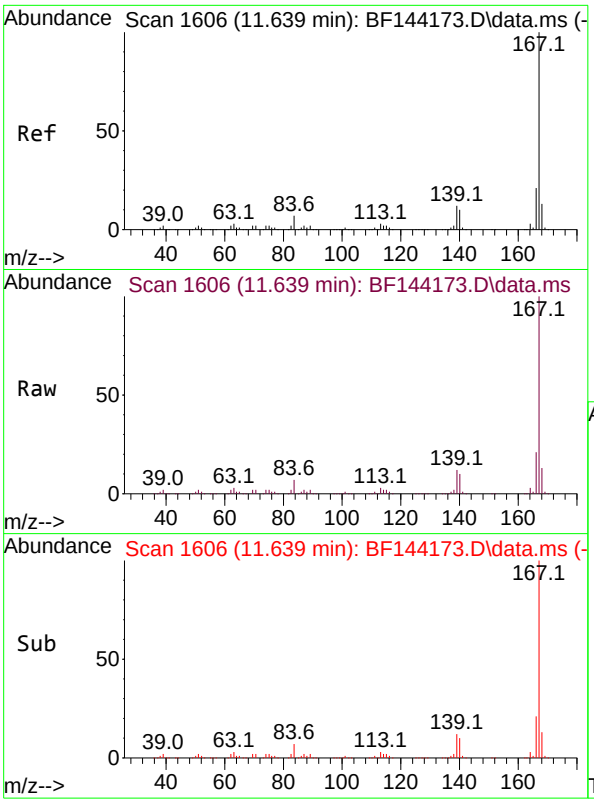




#72
Anthracene
Concen: 40.372 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:178 Resp: 525954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.0 | 12.0 | 18.0 |



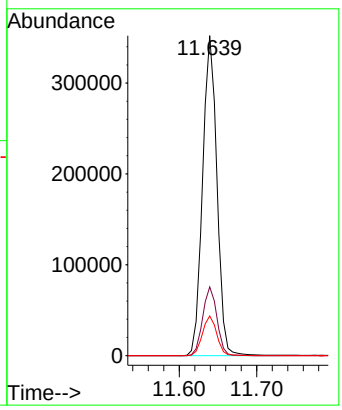


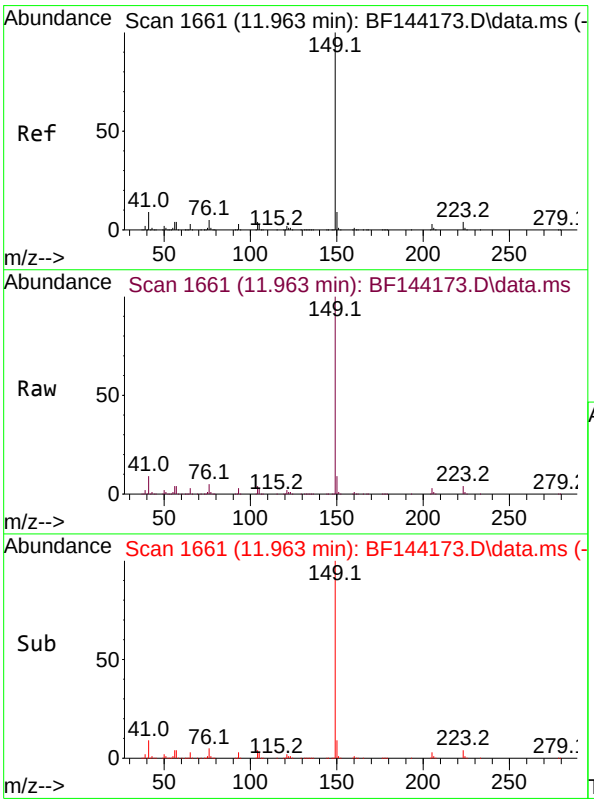

#73
Carbazole
Concen: 40.796 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:167 Resp: 451935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.2 | 25.8 |
| 139 | 12.4 | 9.9 | 14.9 |

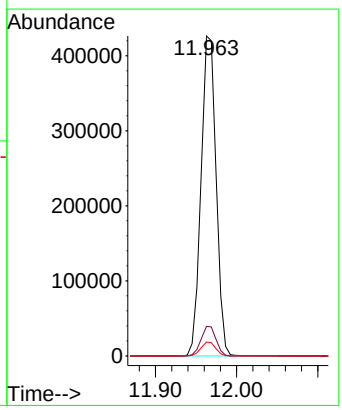


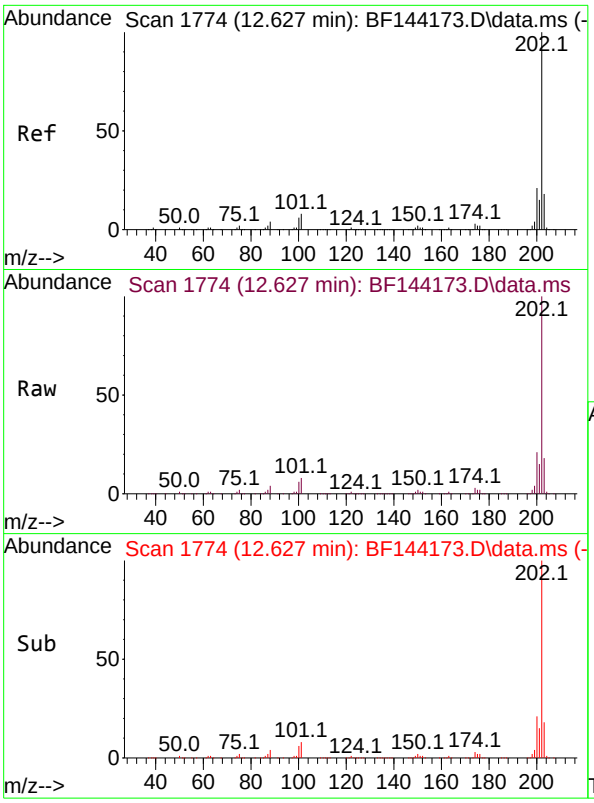




#74
Di-n-butylphthalate
Concen: 41.117 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 550628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.0 |
| 104 | 4.3 | 3.4 | 5.2 |



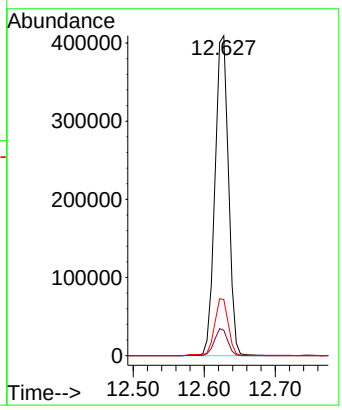


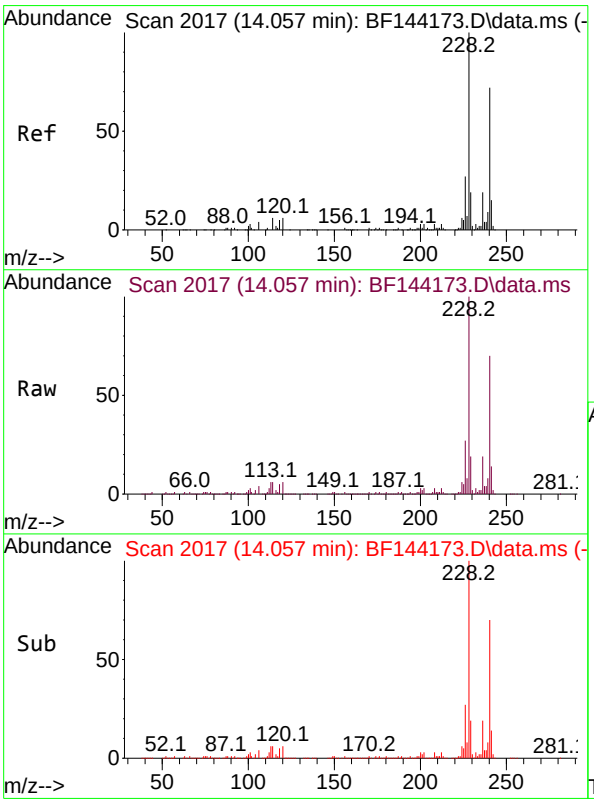

#75
Fluoranthene
Concen: 40.992 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:202 Resp: 542525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.9 | 0.0 | 27.9 |
| 203 | 17.5 | 0.0 | 37.5 |

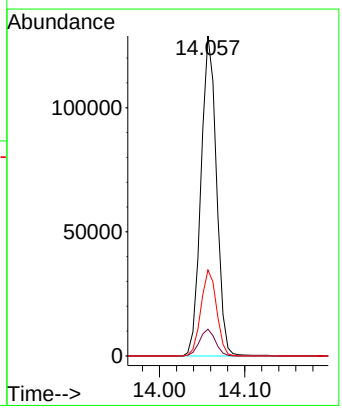


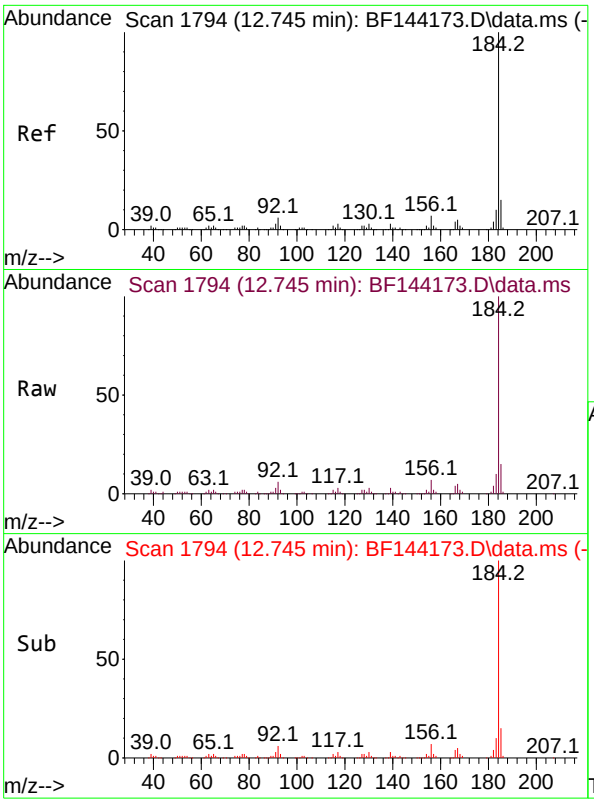




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:240 Resp: 162650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 6.6 | 10.0 |
| 236 | 26.8 | 21.4 | 32.2 |



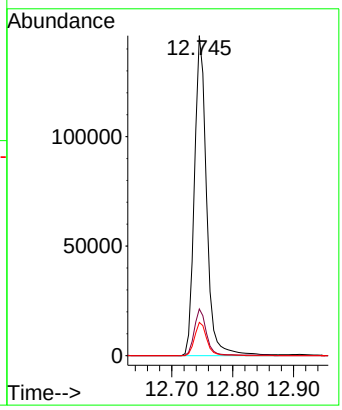


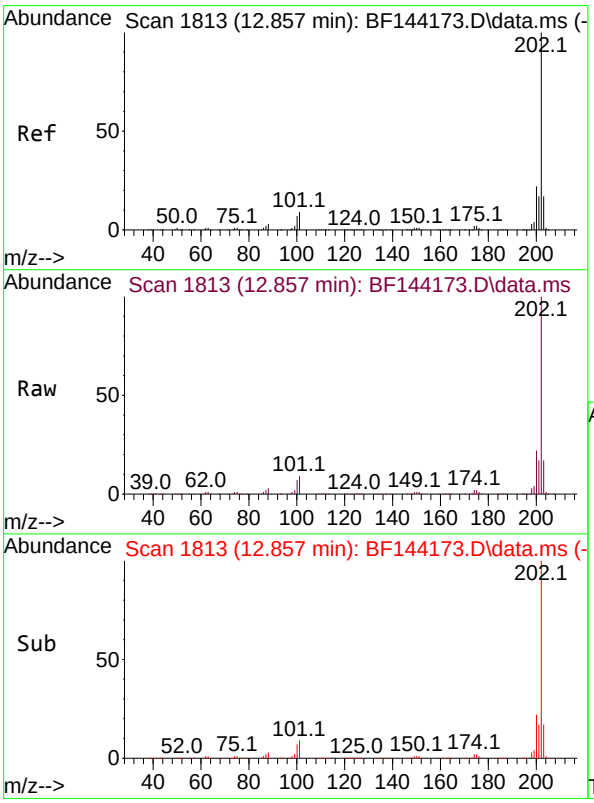

#77
Benzidine
Concen: 42.178 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:184 Resp: 202921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.7 | 17.5 |
| 183 | 10.4 | 8.3 | 12.5 |

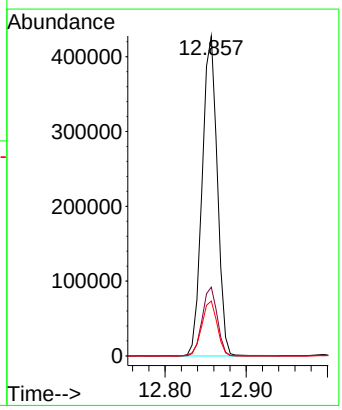


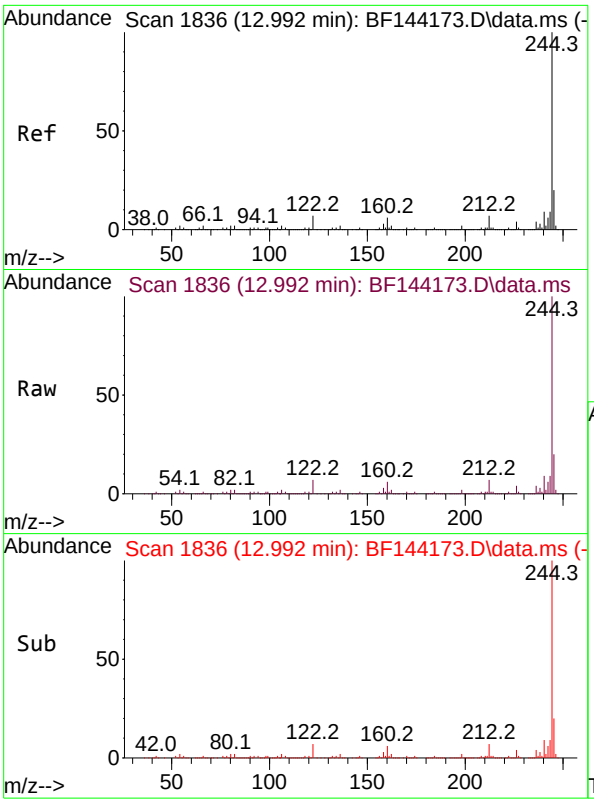




#78
Pyrene
Concen: 42.272 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:202 Resp: 554374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.2 | 25.8 |
| 203 | 17.1 | 13.7 | 20.5 |



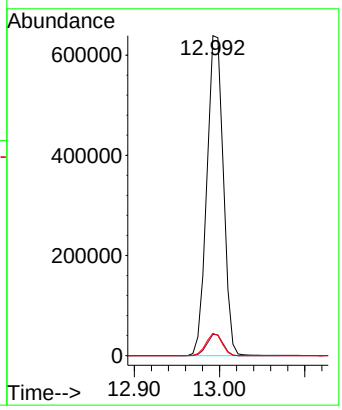


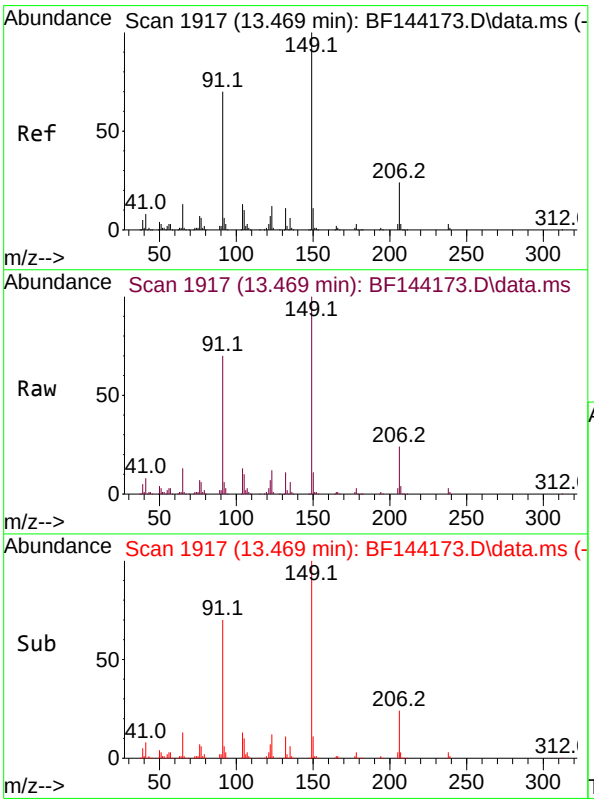

#79
Terphenyl-d14
Concen: 83.645 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:244 Resp: 856515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.3 | 7.9 |
| 122 | 7.0 | 5.6 | 8.4 |

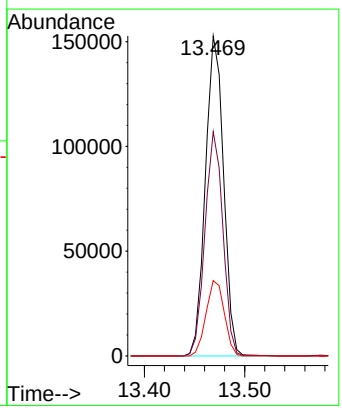


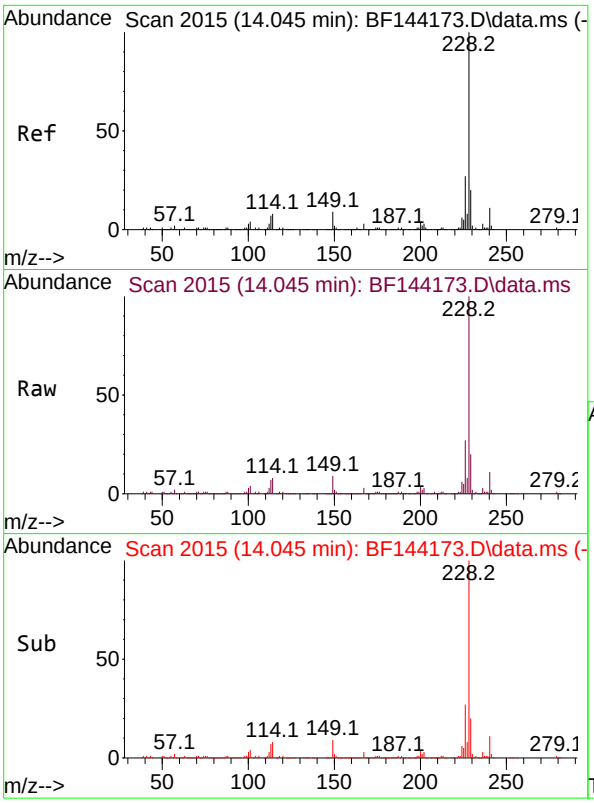




#80
Butylbenzylphthalate
Concen: 42.209 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 191850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.1 | 56.1 | 84.1 |
| 206 | 23.5 | 18.8 | 28.2 |



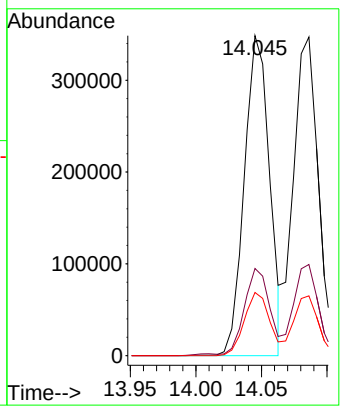


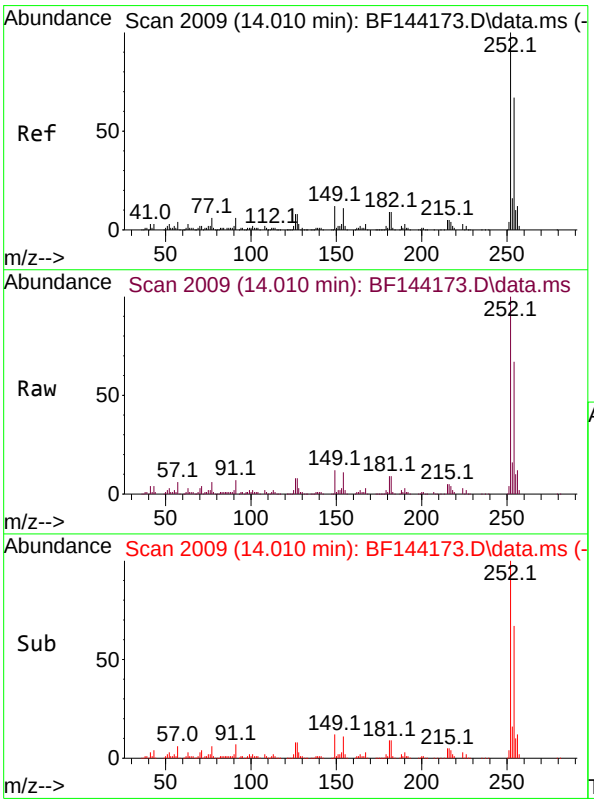

#81
Benzo(a)anthracene
Concen: 41.267 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:228 Resp: 465201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.8 | 32.8 |
| 229 | 19.7 | 15.8 | 23.6 |

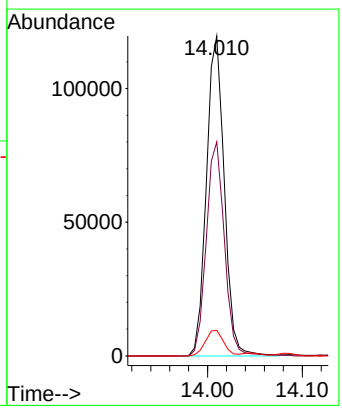


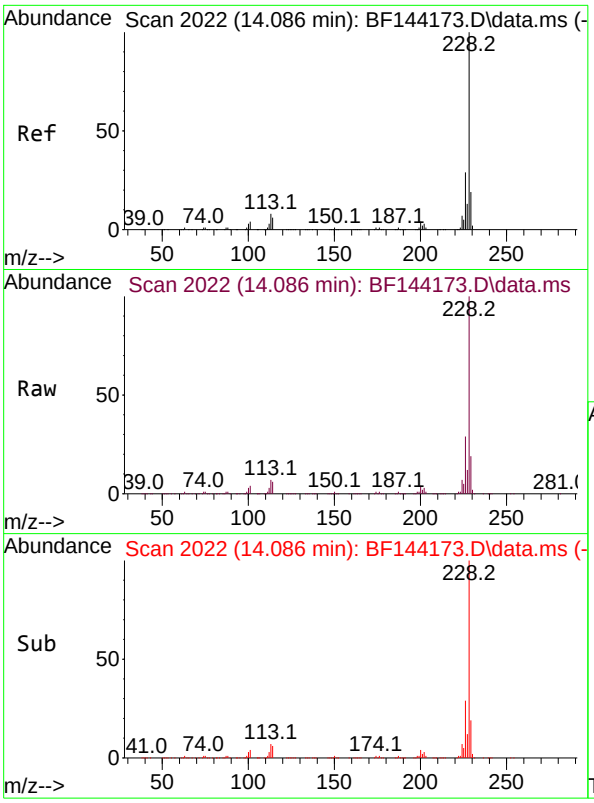




#82
3,3'-Dichlorobenzidine
Concen: 40.620 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 156957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.9 | 53.5 | 80.3 |
| 126 | 8.0 | 6.4 | 9.6 |



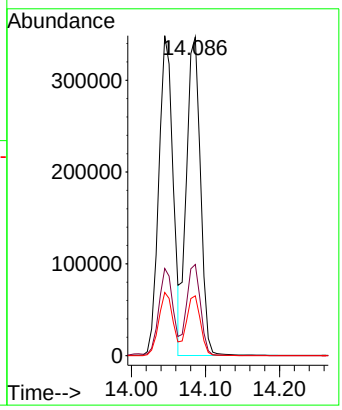


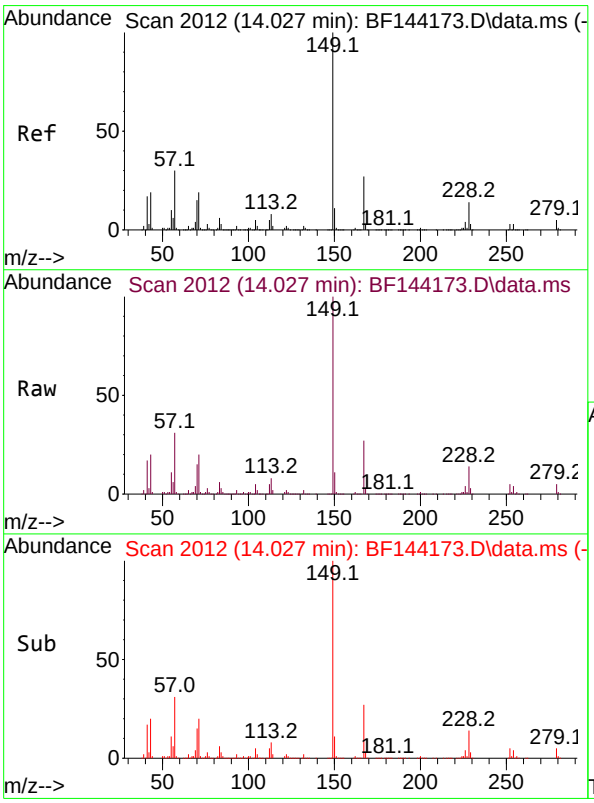

#83
Chrysene
Concen: 43.853 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:228 Resp: 456347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 22.9 | 34.3 |
| 229 | 18.8 | 15.0 | 22.6 |

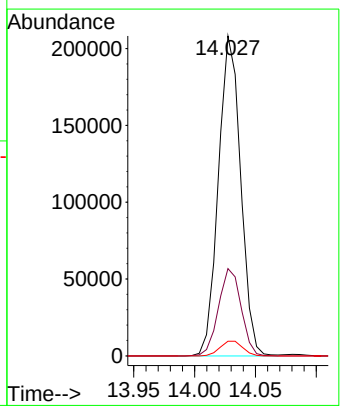


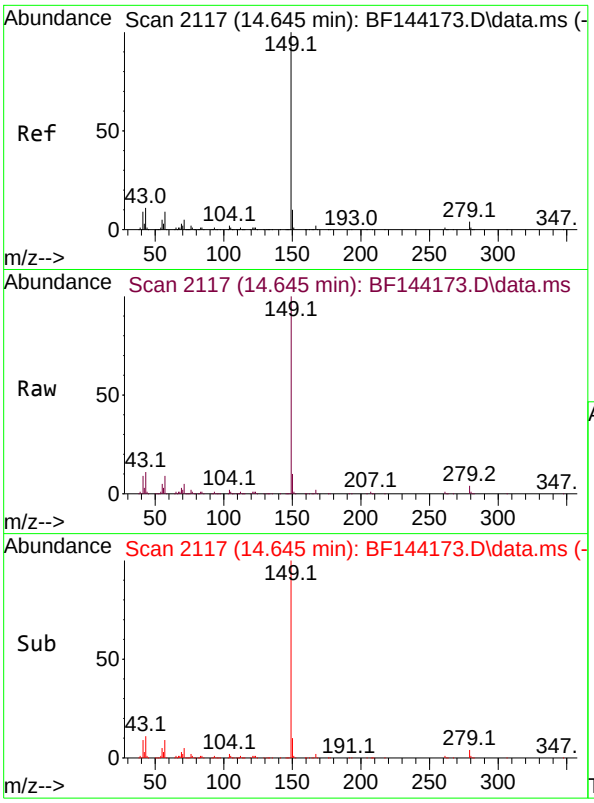




#84
Bis(2-ethylhexyl)phthalate
Concen: 42.651 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 265384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 21.8 | 32.8 |
| 279 | 4.6 | 3.7 | 5.5 |



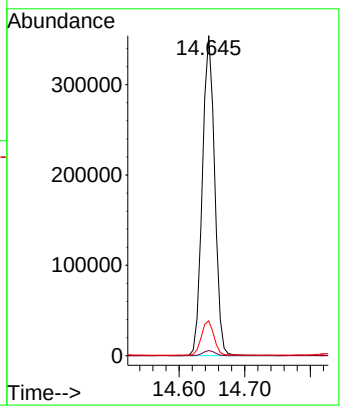


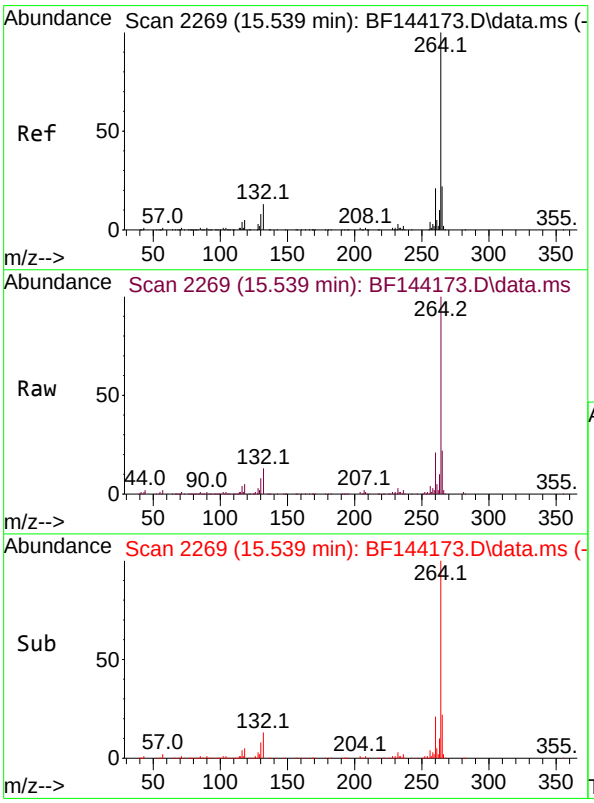

#85
Di-n-octyl phthalate
Concen: 42.739 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:149 Resp: 458823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 11.2 | 9.0 | 13.4 |

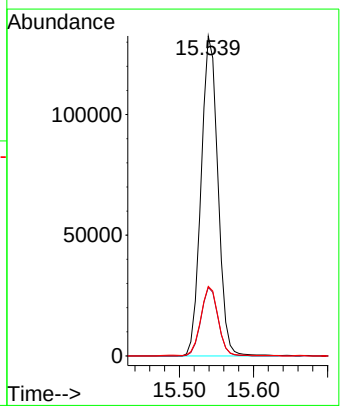


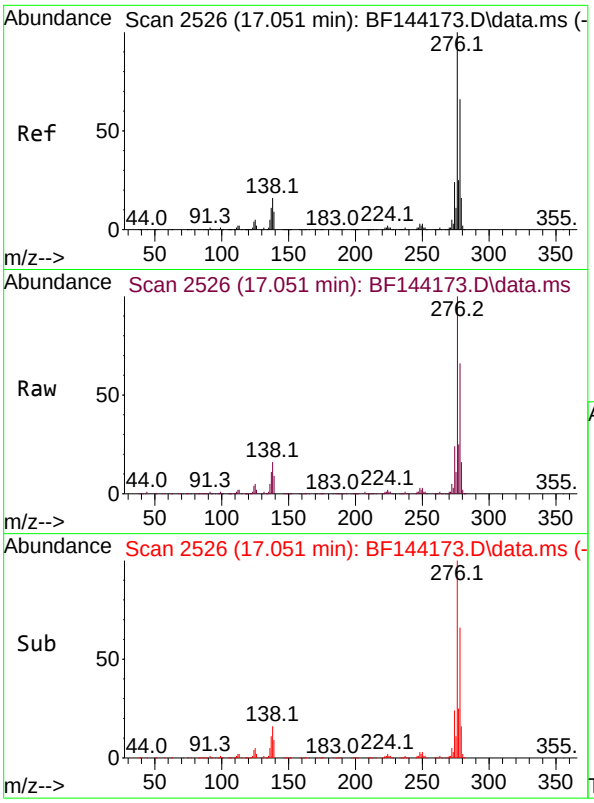




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:264 Resp: 208923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.4 | 17.1 | 25.7 |
| 265 | 21.7 | 17.4 | 26.0 |



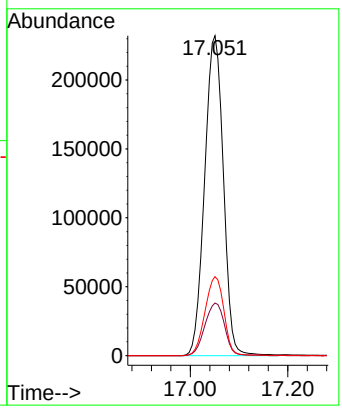


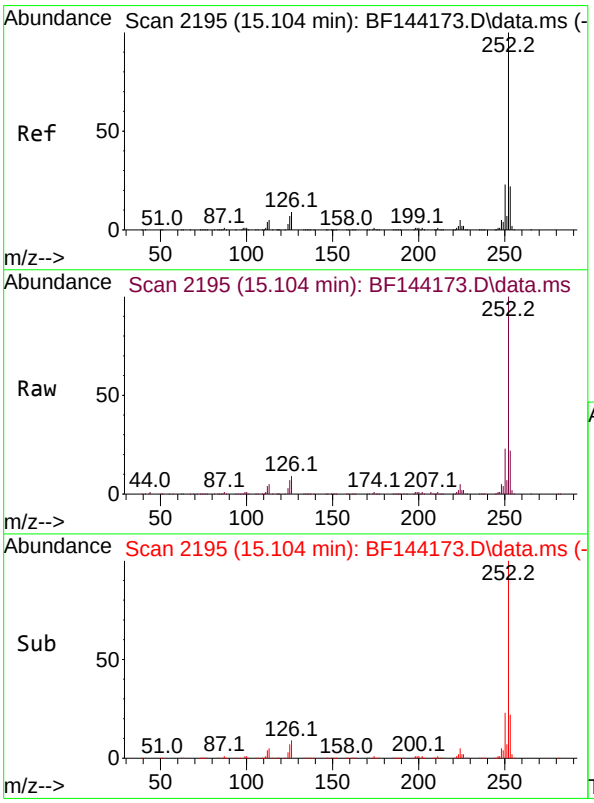

#87
Indeno(1,2,3-cd)pyrene
Concen: 41.385 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:276 Resp: 620668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.4 | 13.9 | 20.9 |
| 277 | 24.7 | 19.8 | 29.6 |

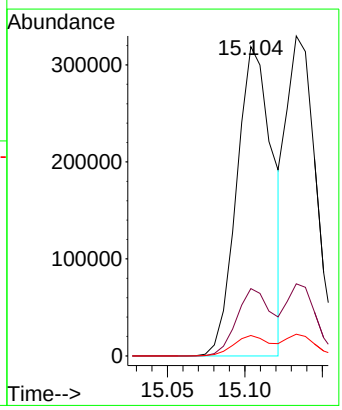


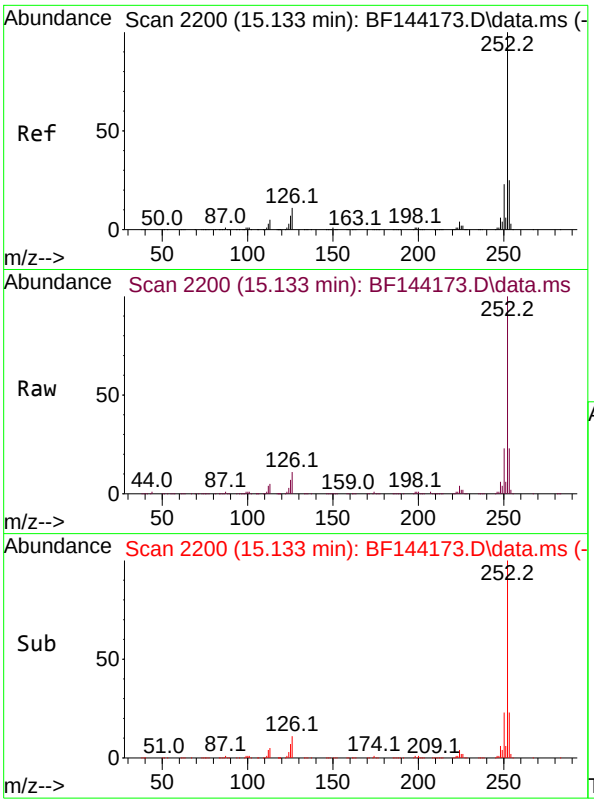




#88
Benzo(b)fluoranthene
Concen: 43.375 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 515192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 6.6 | 5.3 | 7.9 |



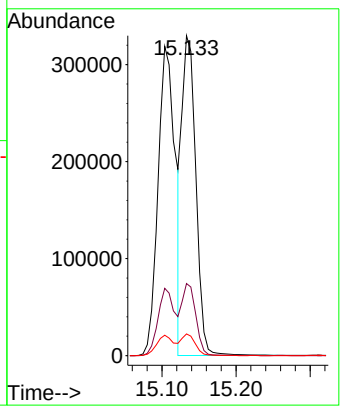


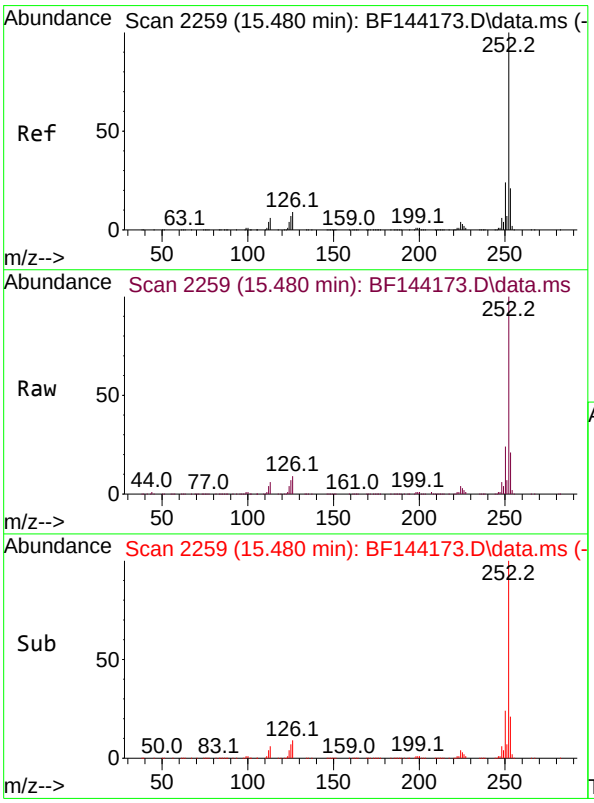

#89
Benzo(k)fluoranthene
Concen: 39.135 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:252 Resp: 435087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.0 | 27.0 |
| 125 | 6.8 | 5.4 | 8.2 |

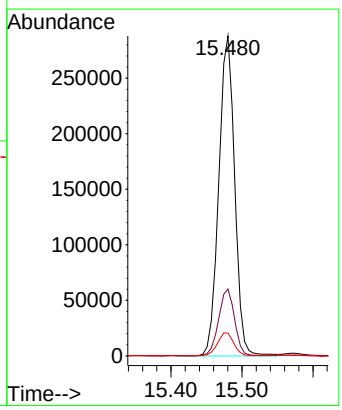


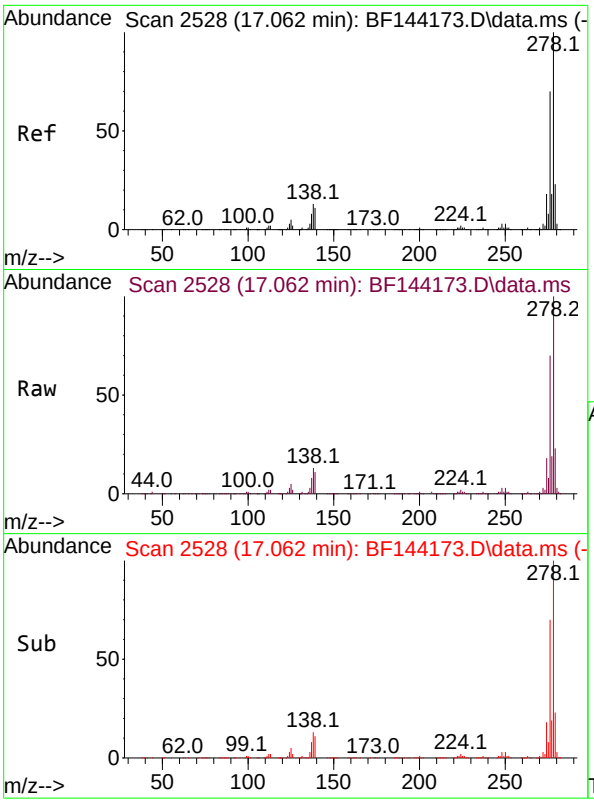




#90
Benzo(a)pyrene
Concen: 41.055 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 449869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.9 | 16.7 | 25.1 |
| 125 | 7.1 | 5.7 | 8.5 |



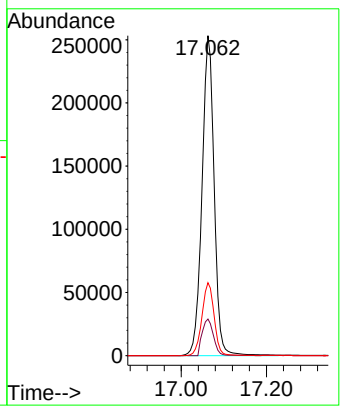


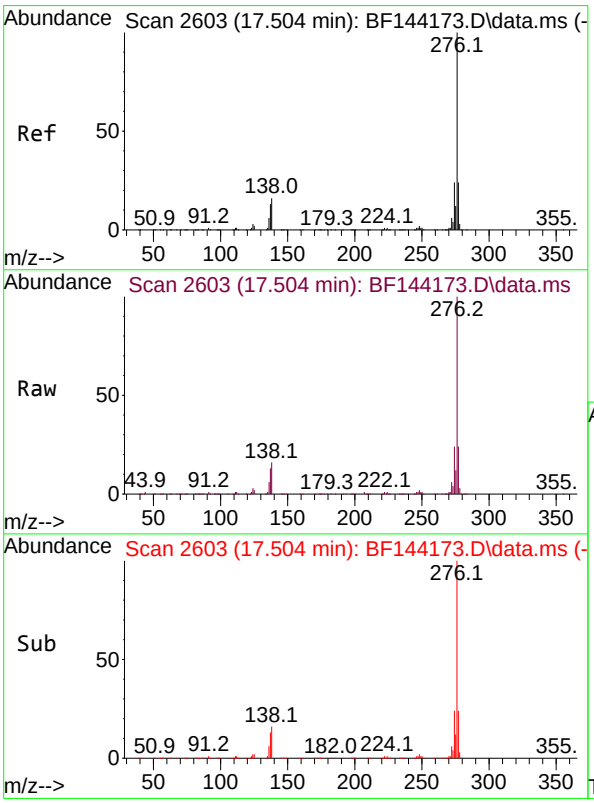

#91
Dibenzo(a,h)anthracene
Concen: 41.578 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:278 Resp: 500778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.4 | 9.1 | 13.7 |
| 279 | 22.8 | 18.2 | 27.4 |

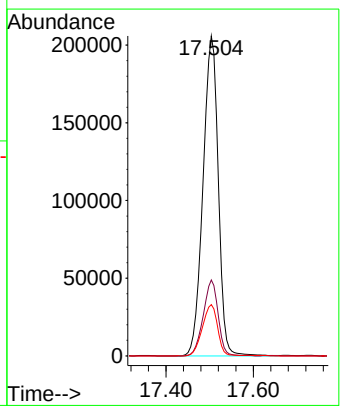



#92
Benzo(g,h,i)perylene
Concen: 41.843 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:276 Resp: 497680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.0 | 28.4 |
| 138 | 16.1 | 12.9 | 19.3 |



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 84549 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 313425 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 170294 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 283828 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 194366 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.545 | 264 | 264861 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 489170 | 90.538 | ng | | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 541465 | 88.447 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.439 | 82 | 502493 | 92.595 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 192917 | 90.275 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.233 | 172 | 1002454 | 86.941 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1012618 | 82.754 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.605 | 88 | 105785 | 47.358 | ng | | 97 |
| 3) Pyridine | 3.375 | 79 | 291313 | 46.746 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.334 | 42 | 152767 | 46.930 | ng | | 98 |
| 6) Aniline | 6.540 | 93 | 389058 | 44.605 | ng | | 99 |
| 8) 2-Chlorophenol | 6.663 | 128 | 243472 | 45.950 | ng | | 99 |
| 9) Benzaldehyde | 6.428 | 77 | 141949 | 41.062 | ng | | 97 |
| 10) Phenol | 6.522 | 94 | 330203 | 44.146 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 244159 | 44.798 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 295294 | 45.164 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.892 | 146 | 290027 | 44.277 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 280070 | 44.609 | ng | | 99 |
| 15) Benzyl Alcohol | 7.016 | 79 | 221836 | 45.762 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 453774 | 45.212 | ng | | 98 |
| 17) 2-Methylphenol | 7.128 | 107 | 189260 | 44.899 | ng | | 100 |
| 18) Hexachloroethane | 7.387 | 117 | 98682 | 45.346 | ng | | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.287 | 70 | 171911 | 42.657 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 217734 | 43.819 | ng | | 92 |
| 22) Acetophenone | 7.287 | 105 | 297391 | 44.230 | ng | | 96 |
| 24) Nitrobenzene | 7.463 | 77 | 268336 | 45.541 | ng | | 98 |
| 25) Isophorone | 7.698 | 82 | 455511 | 44.376 | ng | | 98 |
| 26) 2-Nitrophenol | 7.775 | 139 | 136351 | 46.747 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 204079 | 46.681 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 291202 | 45.429 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 226748 | 45.001 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 231992 | 44.838 | ng | | 99 |
| 31) Naphthalene | 8.181 | 128 | 665821 | 44.658 | ng | | 99 |
| 32) Benzoic acid | 7.928 | 122 | 129332 | 40.359 | ng | | 98 |
| 33) 4-Chloroaniline | 8.228 | 127 | 241956 | 44.496 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 181564 | 46.562 | ng | | 98 |
| 35) Caprolactam | 8.604 | 113 | 58430 | 42.327 | ng | # | 88 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 202891 | 44.930 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 438395 | 43.979 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 419784 | 43.644 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 250210 | 44.832 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 86860 | 48.007 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 174024 | 45.813 | ng | | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

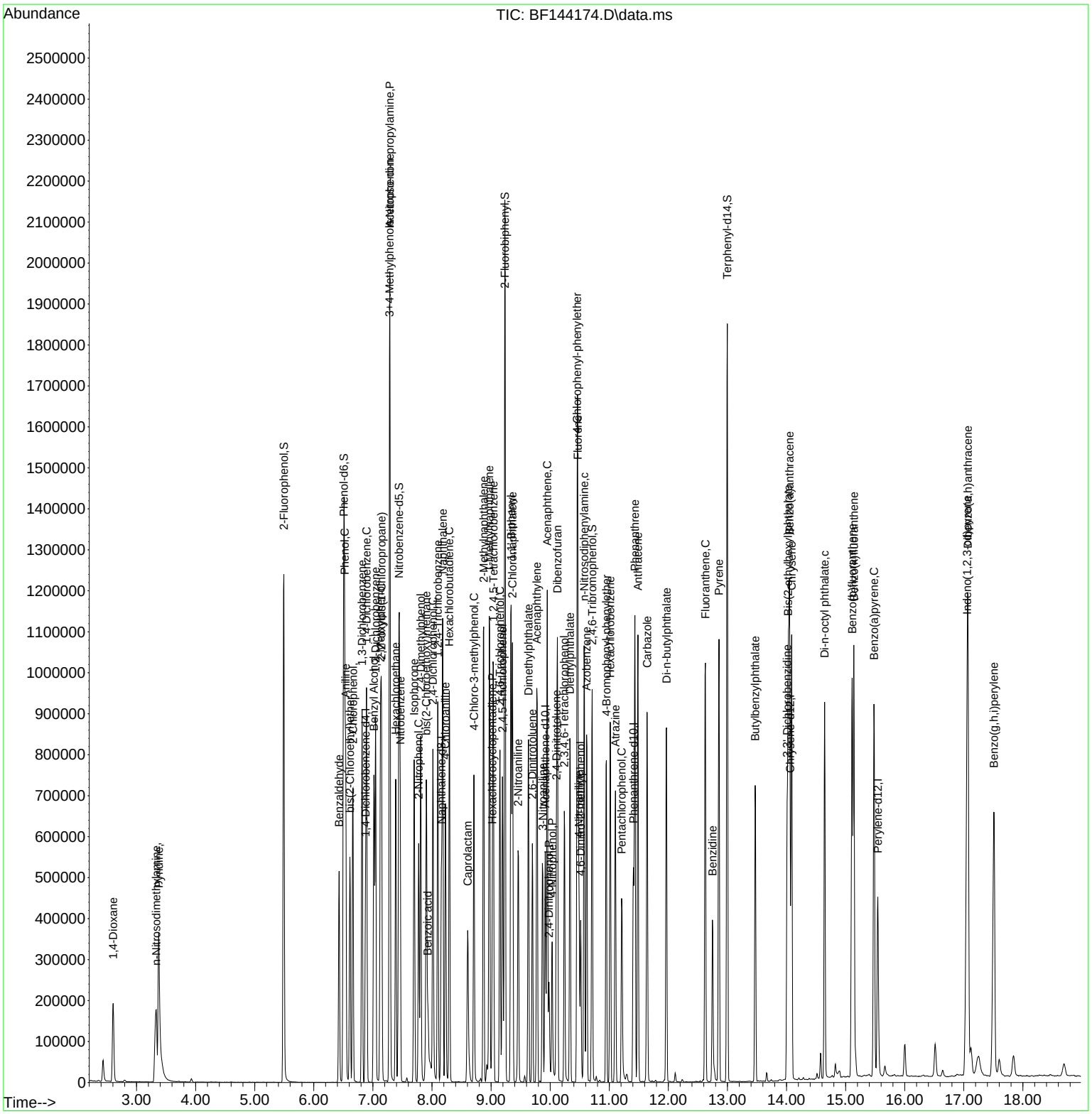
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 186449 | 45.542 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 527437 | 44.371 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 454778 | 44.851 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 138845 | 47.458 | ng | 97 |
| 49) Acenaphthylene | 9.775 | 152 | 613066 | 44.368 | ng | 99 |
| 50) Dimethylphthalate | 9.633 | 163 | 497451 | 44.094 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 107091 | 46.892 | ng | 99 |
| 52) Acenaphthene | 9.951 | 154 | 407187 | 44.067 | ng | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 112371 | 45.012 | ng | 99 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 56551 | 41.007 | ng | 97 |
| 55) Dibenzofuran | 10.122 | 168 | 569268 | 43.989 | ng | 99 |
| 56) 4-Nitrophenol | 10.033 | 139 | 78636 | 43.544 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 139501 | 45.629 | ng | 98 |
| 58) Fluorene | 10.469 | 166 | 424429 | 43.136 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 134554 | 46.453 | ng | 98 |
| 60) Diethylphthalate | 10.333 | 149 | 457569 | 43.997 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 242650 | 43.294 | ng | 96 |
| 62) 4-Nitroaniline | 10.486 | 138 | 108312 | 45.557 | ng | 97 |
| 63) Azobenzene | 10.616 | 77 | 423631 | 43.768 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 85232 | 44.204 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.575 | 169 | 409670 | 44.877 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 161600 | 44.606 | ng | 99 |
| 68) Hexachlorobenzene | 11.016 | 284 | 193574 | 45.364 | ng | 97 |
| 69) Atrazine | 11.104 | 200 | 127465 | 43.906 | ng | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 96941 | 45.622 | ng | 97 |
| 71) Phenanthrene | 11.433 | 178 | 633088 | 44.800 | ng | 100 |
| 72) Anthracene | 11.486 | 178 | 636448 | 44.292 | ng | 99 |
| 73) Carbazole | 11.639 | 167 | 540957 | 44.273 | ng | 100 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 650810 | 44.060 | ng | 100 |
| 75) Fluoranthene | 12.627 | 202 | 645856 | 44.244 | ng | 99 |
| 77) Benzidine | 12.745 | 184 | 248615 | 43.243 | ng | 99 |
| 78) Pyrene | 12.857 | 202 | 666673 | 42.540 | ng | 100 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 242259 | 44.602 | ng | 99 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 626599 | 46.515 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 214437 | 46.440 | ng | 97 |
| 83) Chrysene | 14.086 | 228 | 565678 | 45.489 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 342489 | 46.061 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 616644 | 48.068 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.057 | 276 | 867786 | 45.642 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.110 | 252 | 663728 | 44.079 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 661746 | 46.952 | ng | 98 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 637370 | 45.882 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.068 | 278 | 688620 | 45.098 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.509 | 276 | 680830 | 45.152 | ng | 99 |

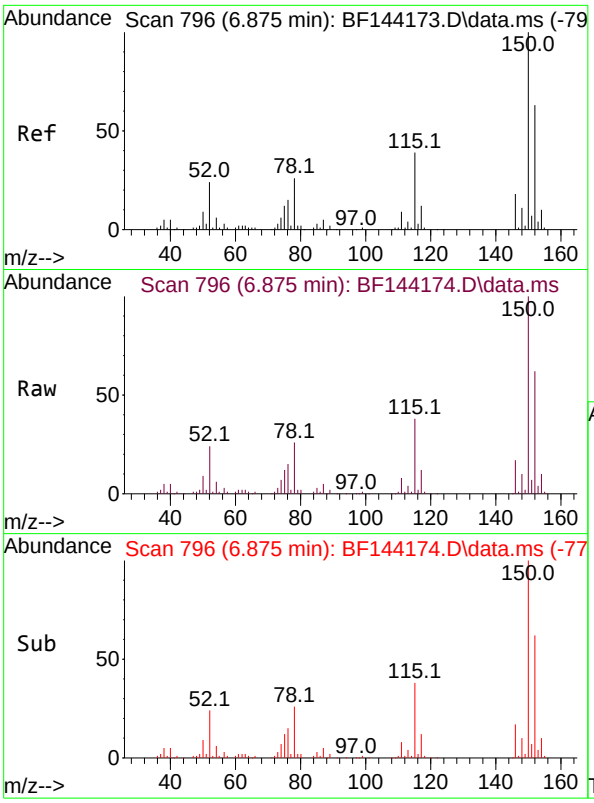
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



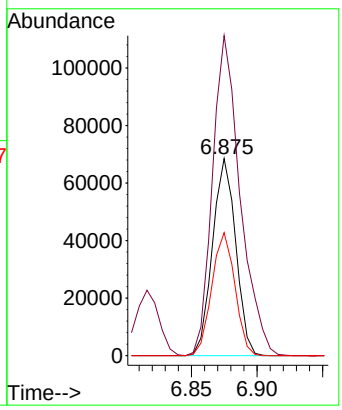


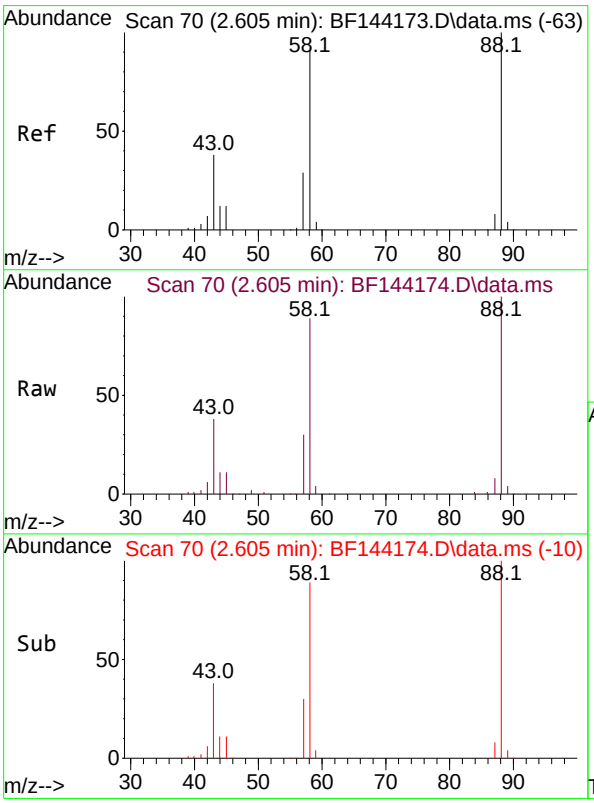

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 84549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.4 | 127.4 | 191.0 |
| 115 | 62.4 | 49.5 | 74.3 |

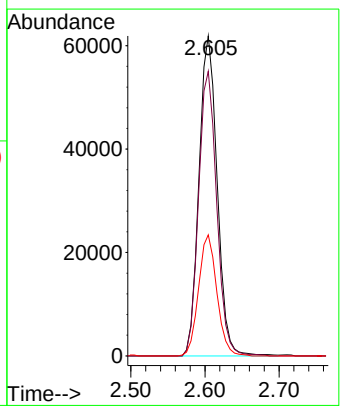


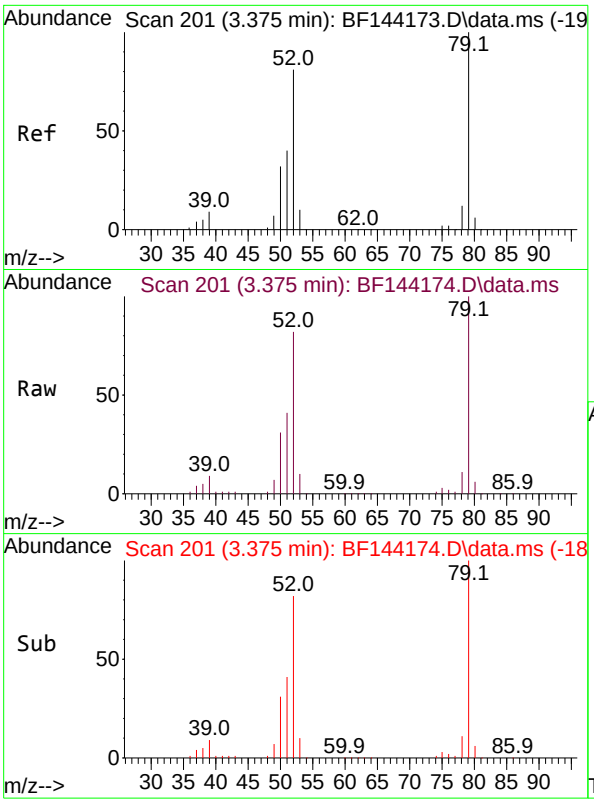




#2
1,4-Dioxane
Concen: 47.358 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 88 Resp: 105785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.5 | 73.1 | 109.7 |
| 43 | 38.0 | 31.0 | 46.6 |



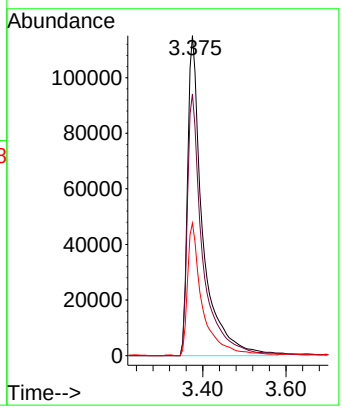


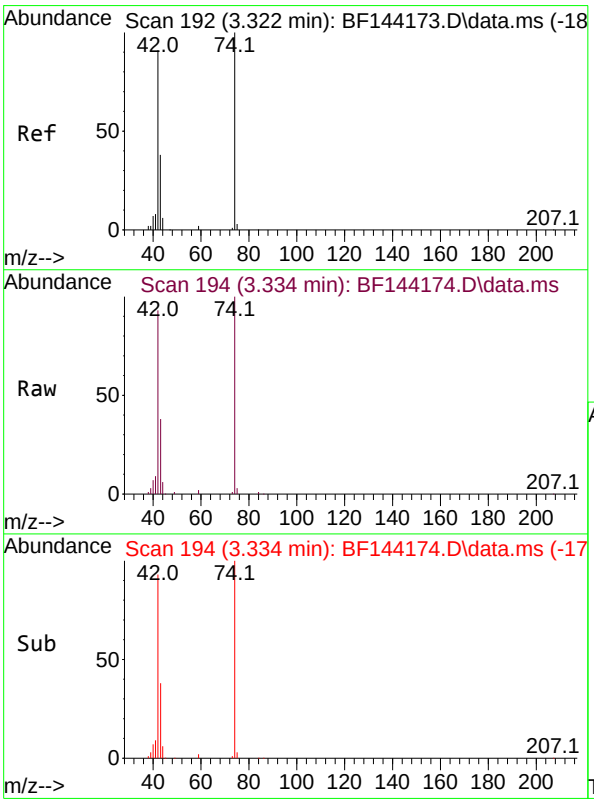

#3
Pyridine
Concen: 46.746 ng
RT: 3.375 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 291313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.8 | 64.5 | 96.7 |
| 51 | 41.4 | 31.7 | 47.5 |

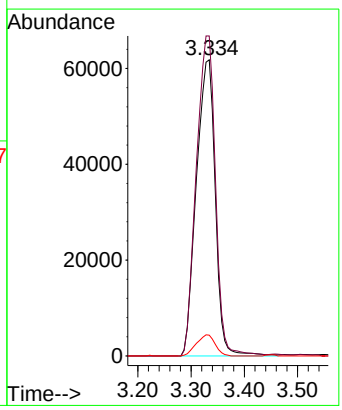


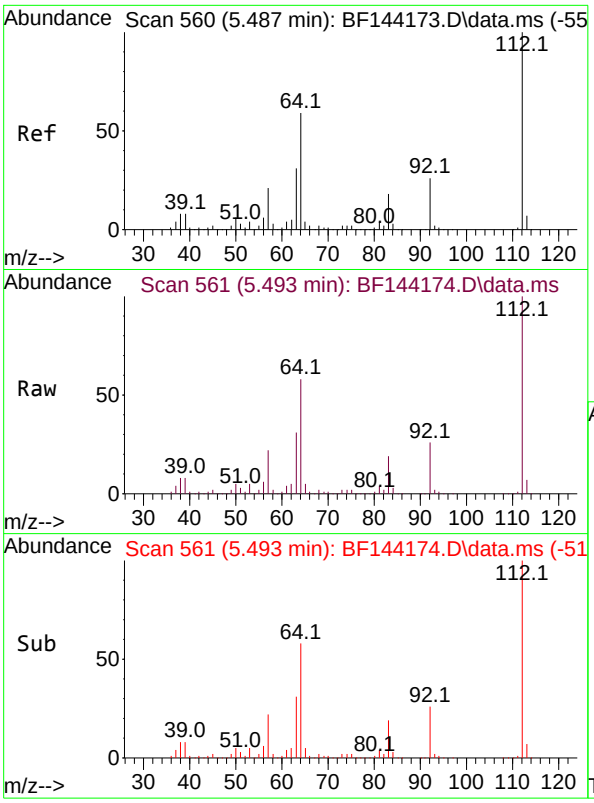




#4
n-Nitrosodimethylamine
Concen: 46.930 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 42 Resp: 152767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 108.1 | 88.2 | 132.4 |
| 44 | 7.0 | 5.7 | 8.5 |



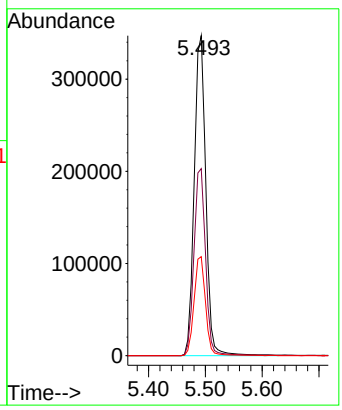


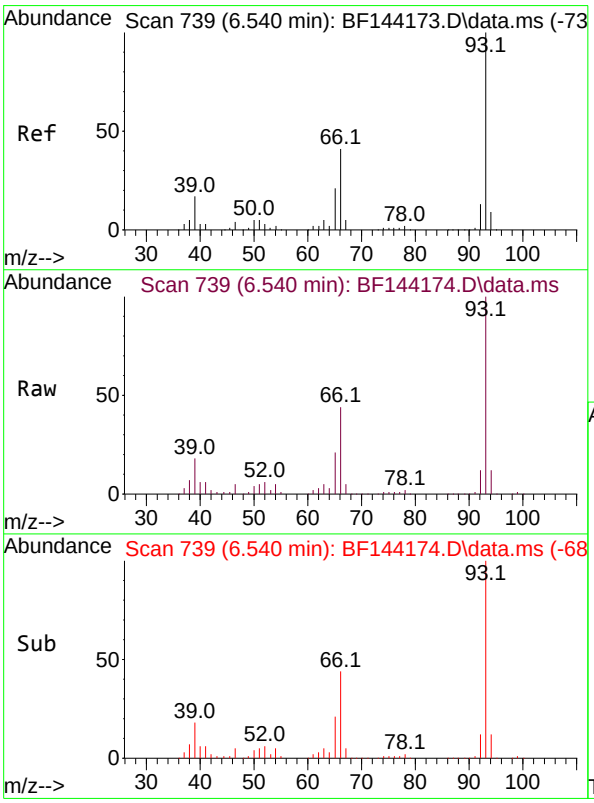

#5
2-Fluorophenol
Concen: 90.538 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:112 Resp: 489170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.4 | 47.2 | 70.8 |
| 63 | 30.9 | 24.4 | 36.6 |

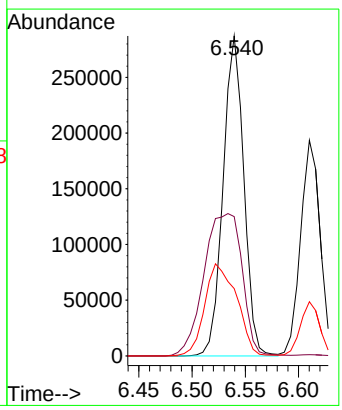


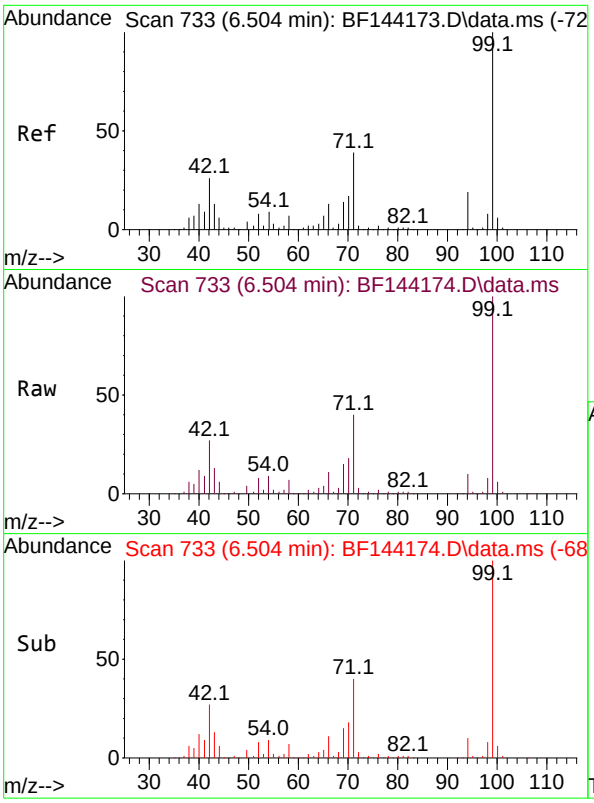




#6
Aniline
Concen: 44.605 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 93 Resp: 389058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.5 | 34.3 | 51.5 |
| 65 | 21.0 | 16.9 | 25.3 |



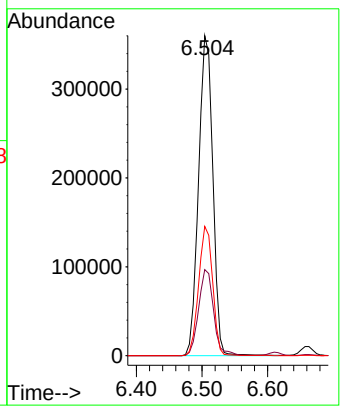


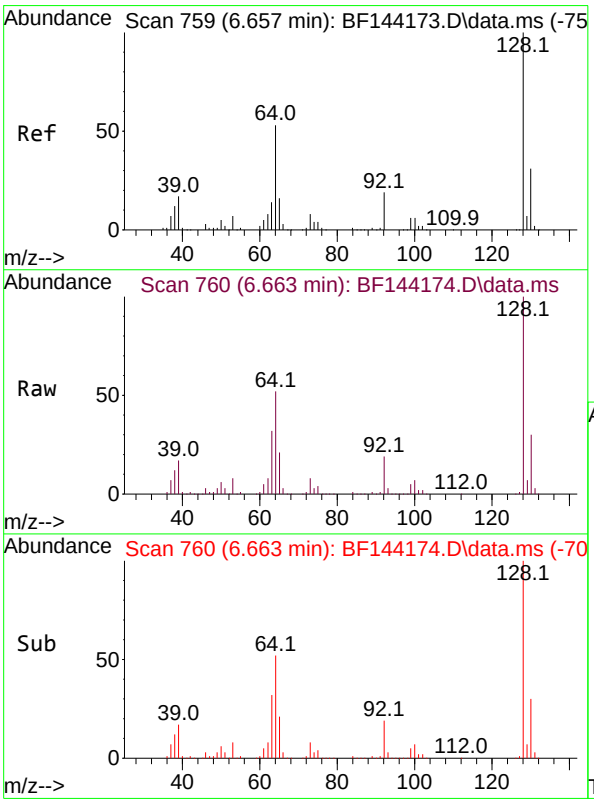

#7
Phenol-d6
Concen: 88.447 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 99 Resp: 541465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 26.9 | 20.9 | 31.3 |
| 71 | 40.4 | 31.4 | 47.2 |

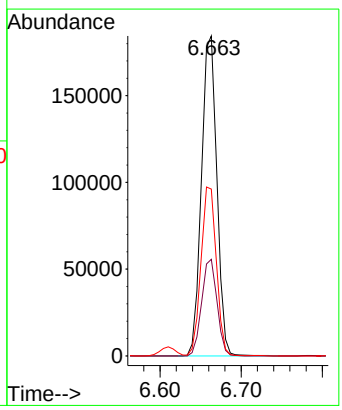


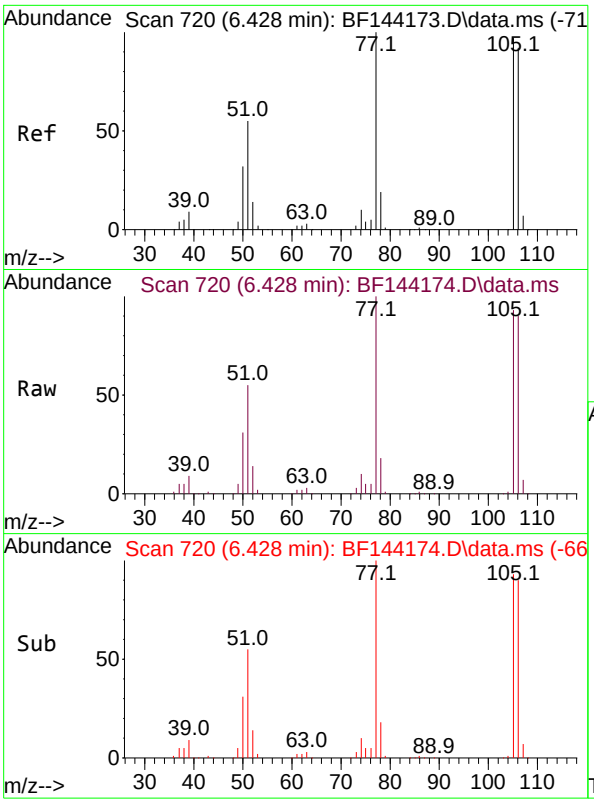




#8
2-Chlorophenol
Concen: 45.950 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:128 Resp: 243472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.2 | 10.5 | 50.5 |
| 64 | 52.1 | 33.2 | 73.2 |



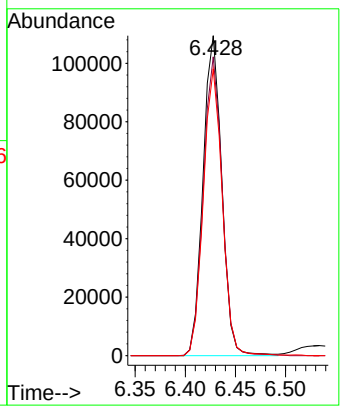


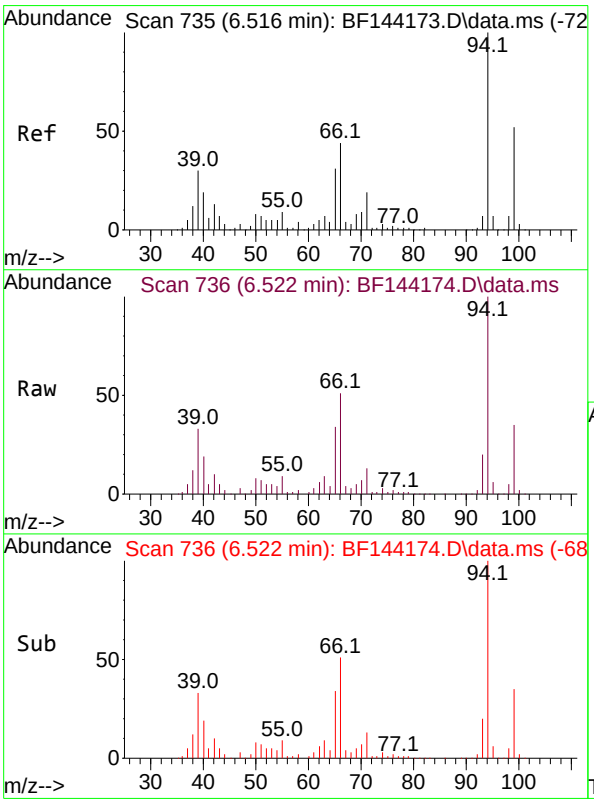

#9
Benzaldehyde
Concen: 41.062 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 141949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.4 | 77.2 | 117.2 |
| 106 | 89.6 | 72.2 | 112.2 |

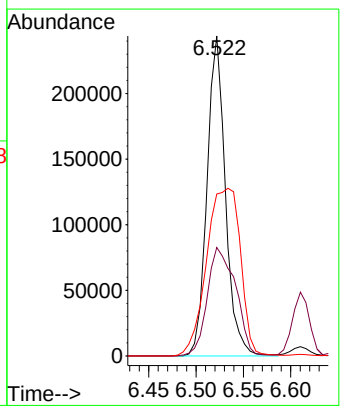


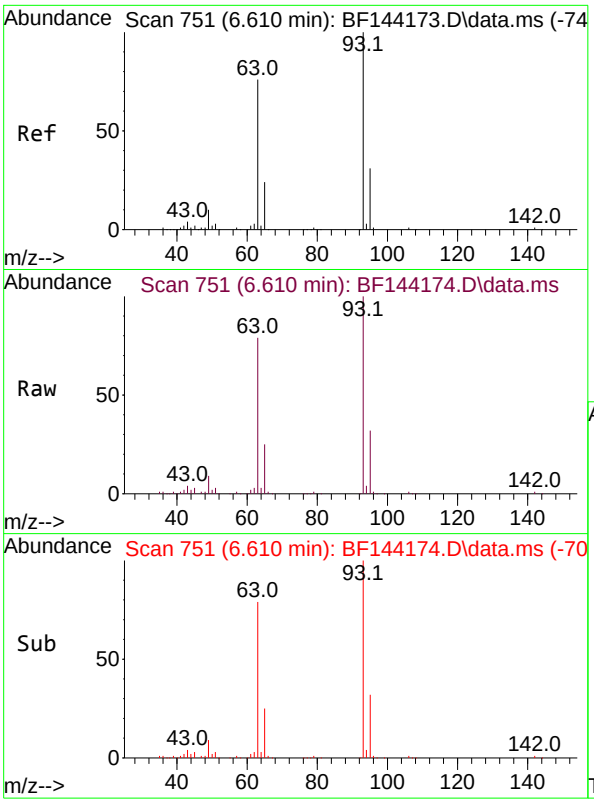




#10
Phenol
Concen: 44.146 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 94 Resp: 330203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.9 | 10.8 | 50.8 |
| 66 | 50.6 | 24.3 | 64.3 |



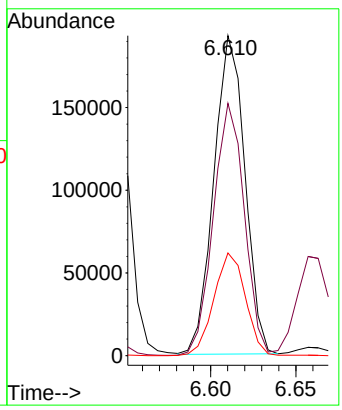


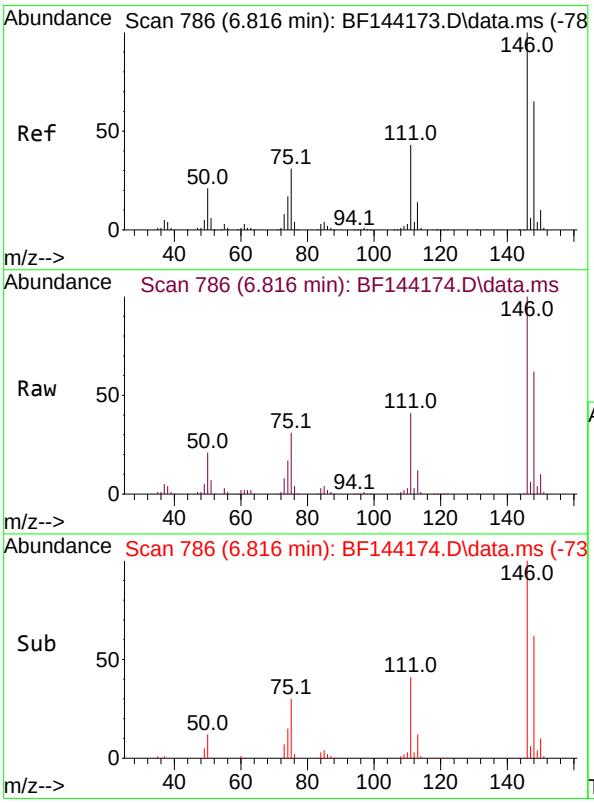

#11
bis(2-Chloroethyl)ether
Concen: 44.798 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 93 Resp: 244159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 78.8 | 55.2 | 95.2 |
| 95 | 32.1 | 11.2 | 51.2 |

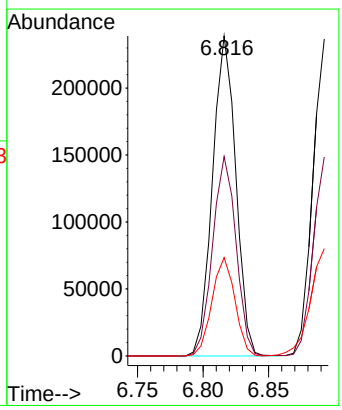


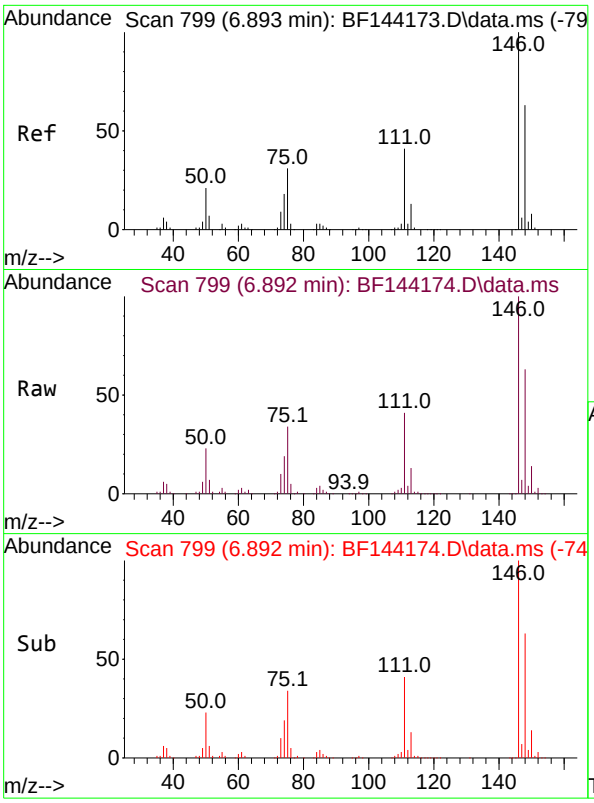




#12
1,3-Dichlorobenzene
Concen: 45.164 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:146 Resp: 295294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 51.8 | 77.8 |
| 75 | 30.7 | 25.0 | 37.4 |



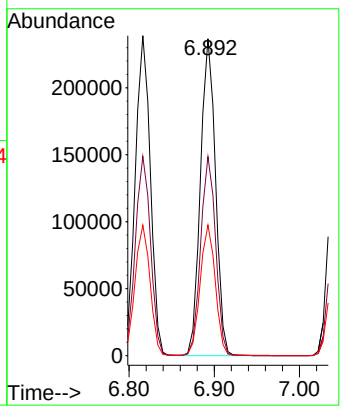


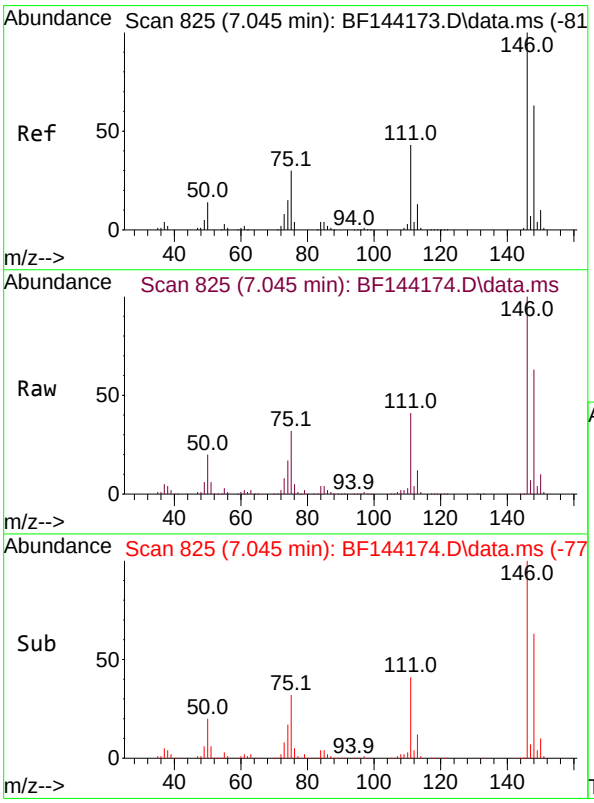

#13
1,4-Dichlorobenzene
Concen: 44.277 ng
RT: 6.892 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:146 Resp: 290027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 50.2 | 75.2 |
| 111 | 41.2 | 32.6 | 48.8 |

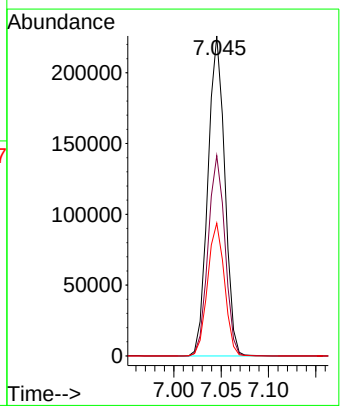


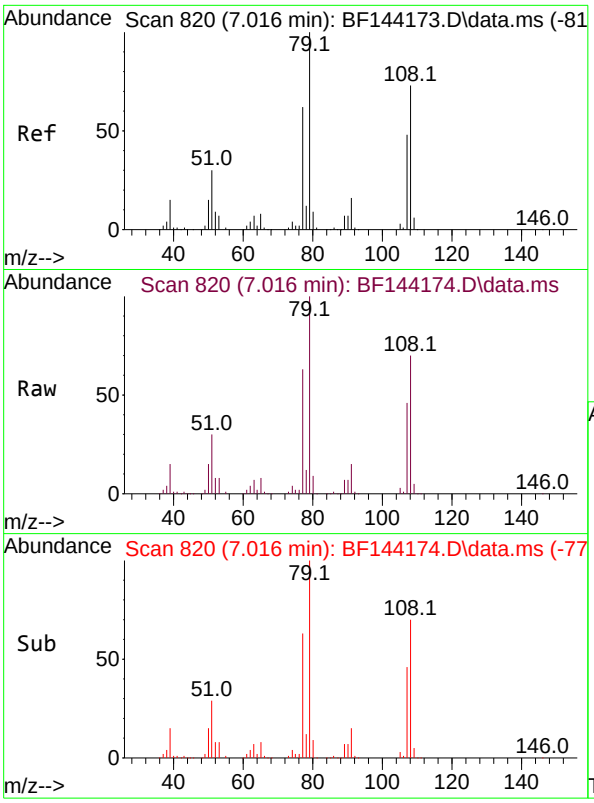




#14
1,2-Dichlorobenzene
Concen: 44.609 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:146 Resp: 280070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 50.7 | 76.1 |
| 111 | 41.5 | 34.2 | 51.4 |



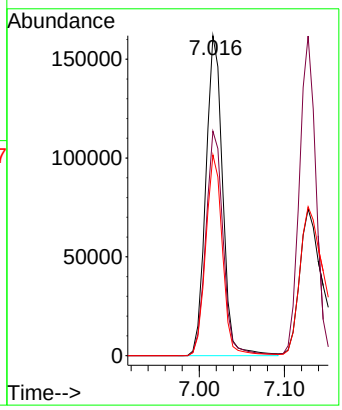


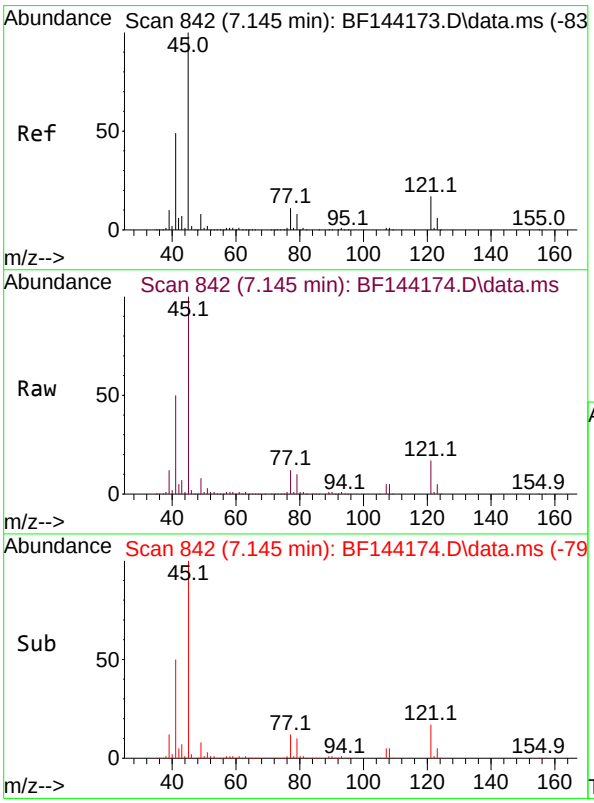

#15
Benzyl Alcohol
Concen: 45.762 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 221836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 70.1 | 58.2 | 87.4 |
| 77 | 62.7 | 49.9 | 74.9 |

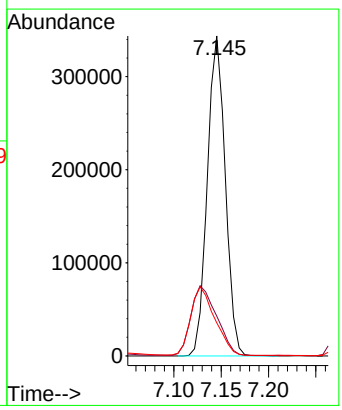


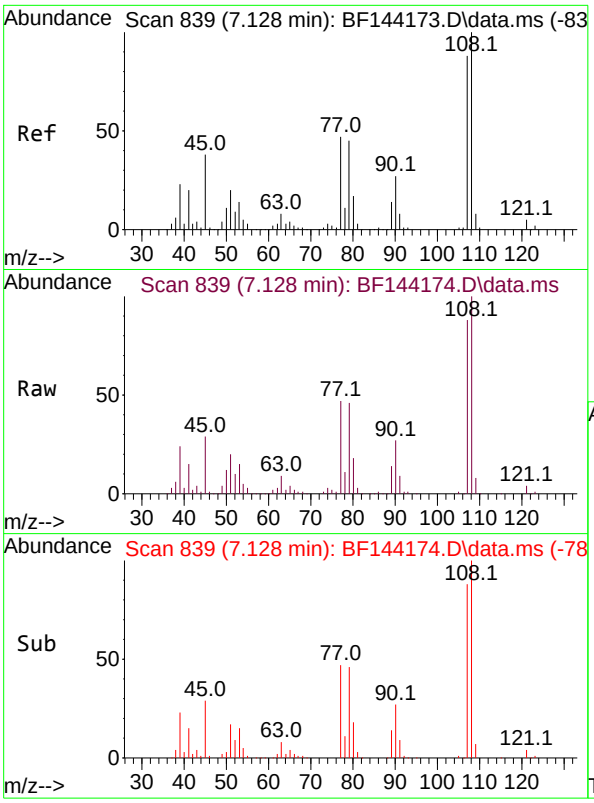




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.212 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 45 Resp: 453774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.4 | 0.0 | 31.8 |
| 79 | 10.3 | 0.0 | 29.1 |



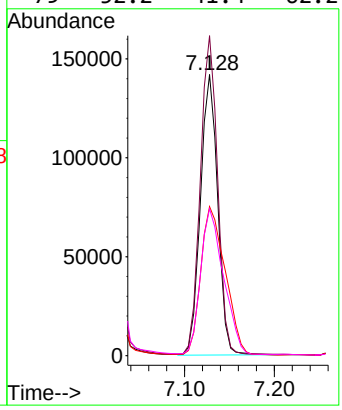


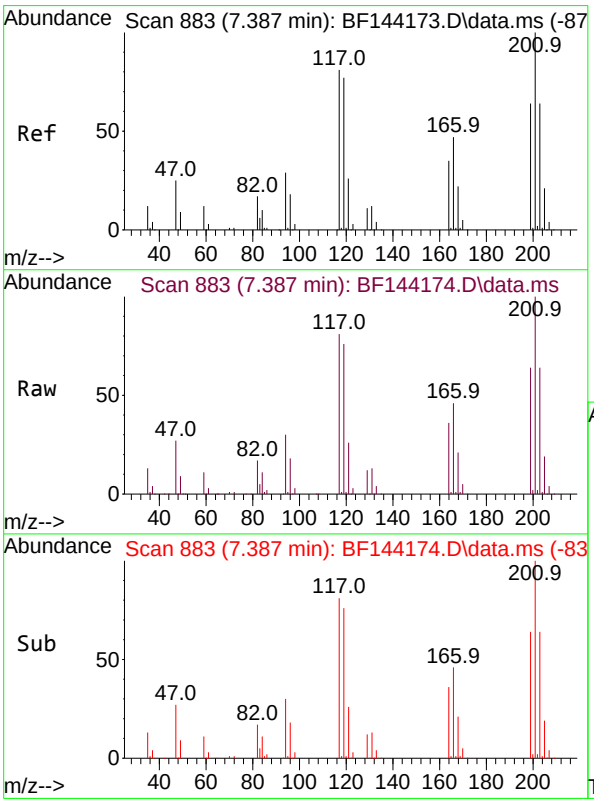

#17
2-Methylphenol
Concen: 44.899 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:107 Resp: 189260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.9 | 91.0 | 136.4 |
| 77 | 53.1 | 42.7 | 64.1 |
| 79 | 52.2 | 41.4 | 62.2 |

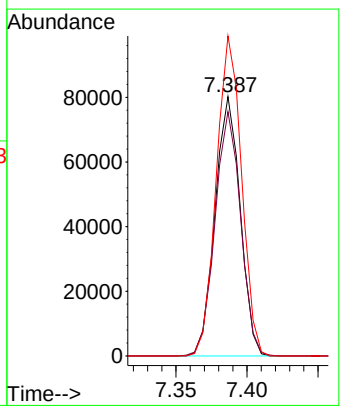


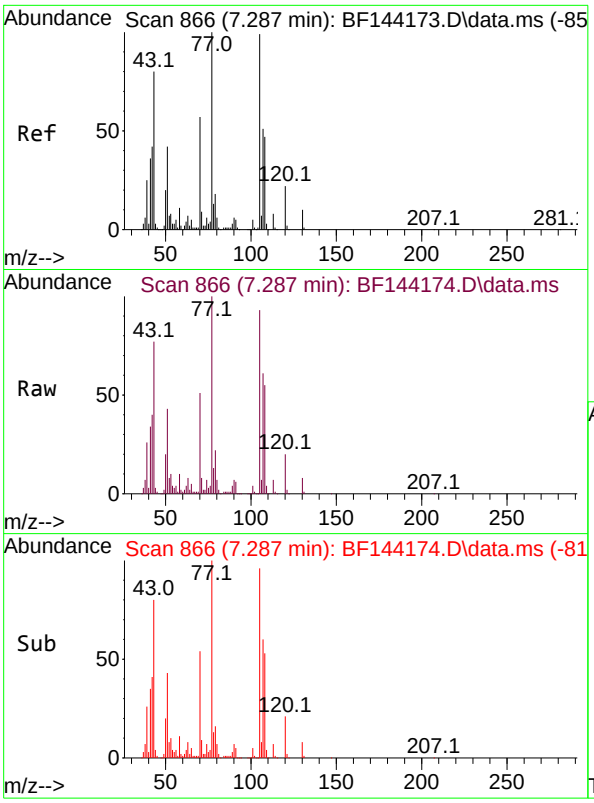




#18
Hexachloroethane
Concen: 45.346 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:117 Resp: 98682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.2 | 75.8 | 113.8 |
| 201 | 123.4 | 98.9 | 148.3 |



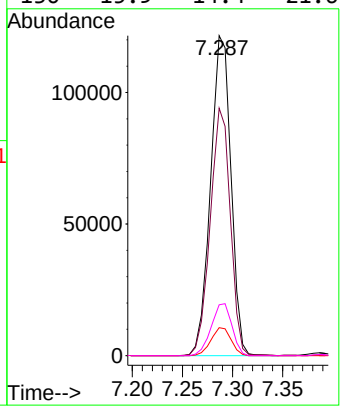


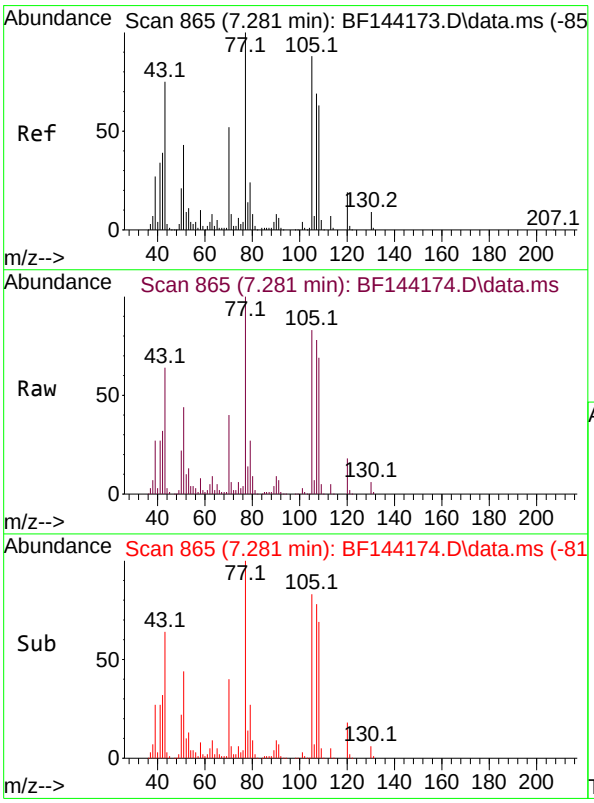

#19
n-Nitroso-di-n-propylamine
Concen: 42.657 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 70 Resp: 171911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 77.3 | 58.3 | 87.5 |
| 101 | 8.7 | 7.0 | 10.6 |
| 130 | 15.9 | 14.4 | 21.6 |

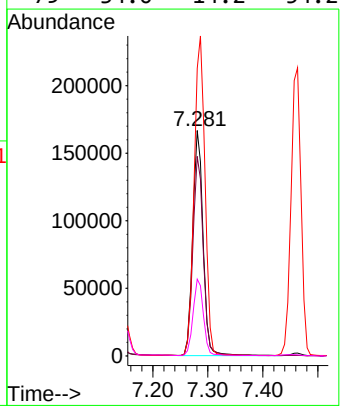


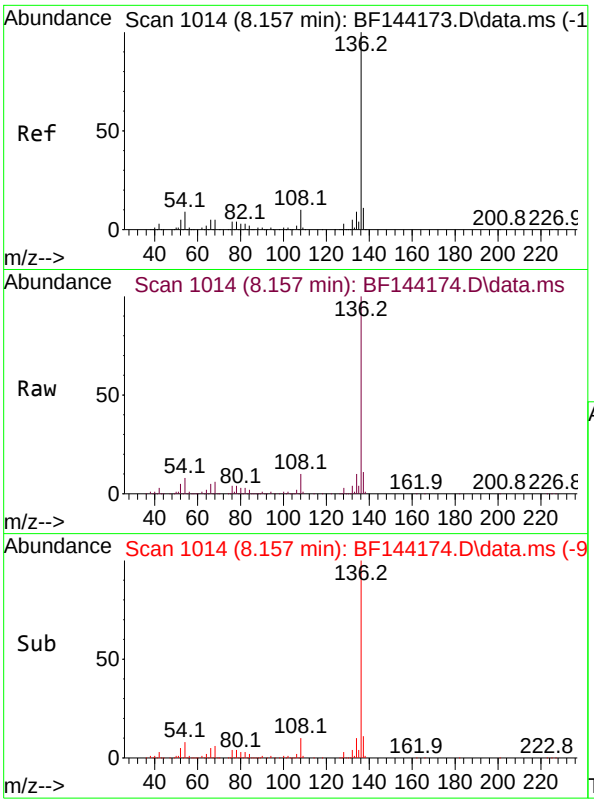




#20
3+4-Methylphenols
Concen: 43.819 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:107 Resp: 217734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.5 | 70.2 | 110.2 |
| 77 | 127.5 | 123.9 | 163.9 |
| 79 | 34.0 | 14.2 | 54.2 |



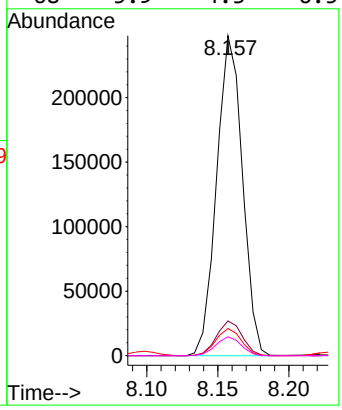


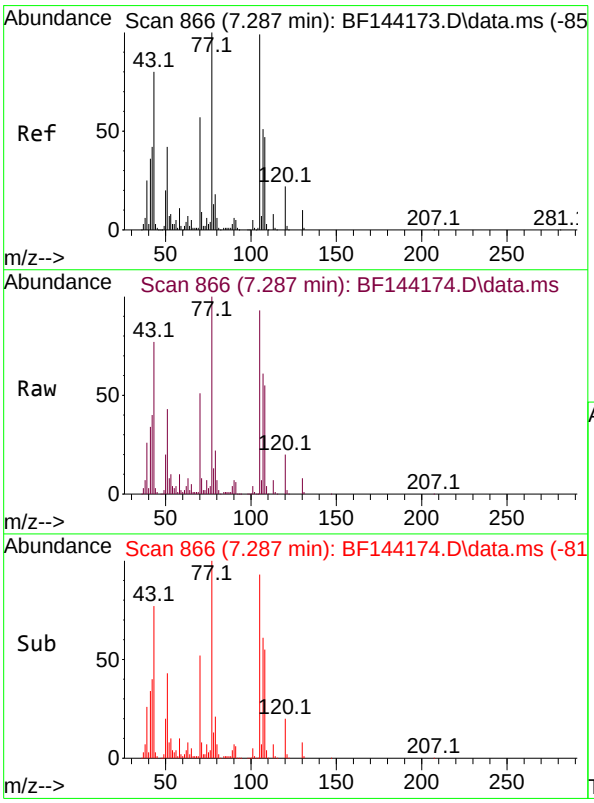

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:136 Resp: 313425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 8.5 | 7.0 | 10.6 |
| 68 | 5.9 | 4.3 | 6.5 |

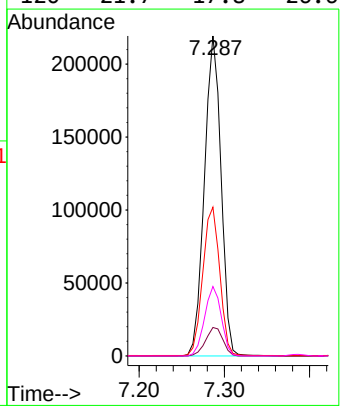


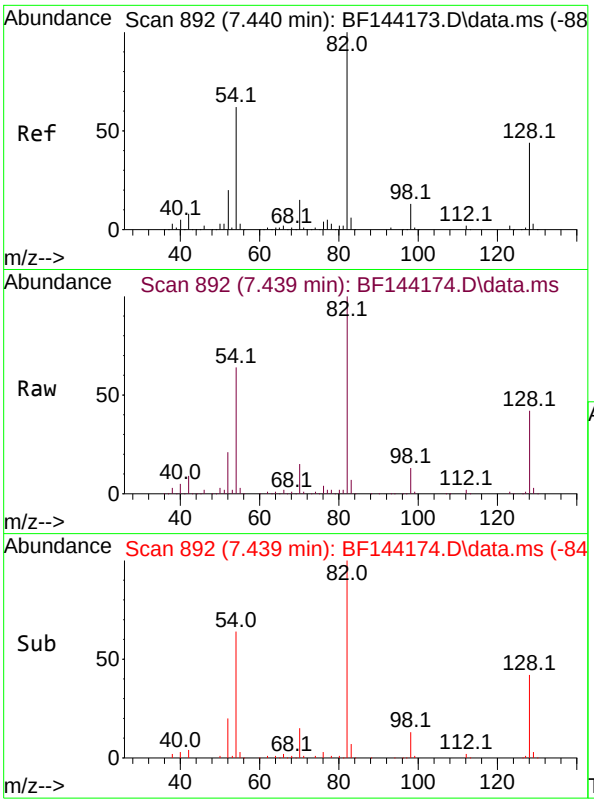




#22
Acetophenone
Concen: 44.230 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:105 Resp: 297391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.9 | 7.2 | 10.8 |
| 51 | 46.5 | 34.0 | 51.0 |
| 120 | 21.7 | 17.8 | 26.6 |



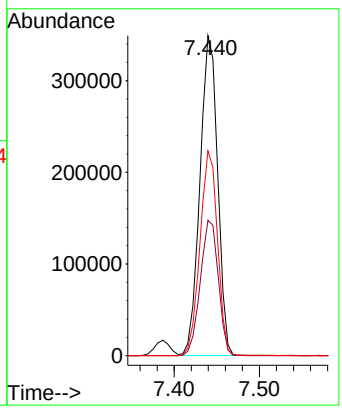


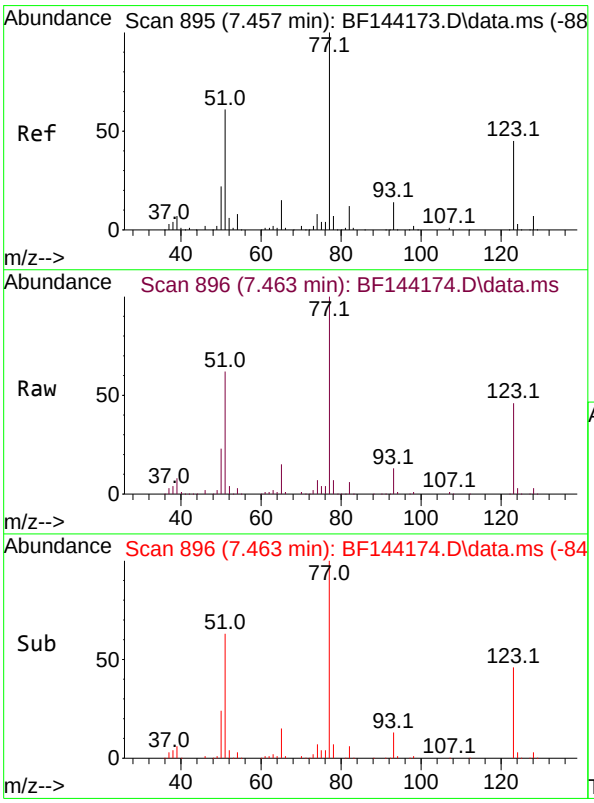

#23
Nitrobenzene-d5
Concen: 92.595 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 502493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.3 | 34.7 | 52.1 |
| 54 | 64.0 | 49.5 | 74.3 |

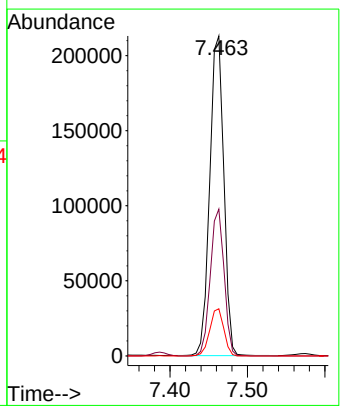


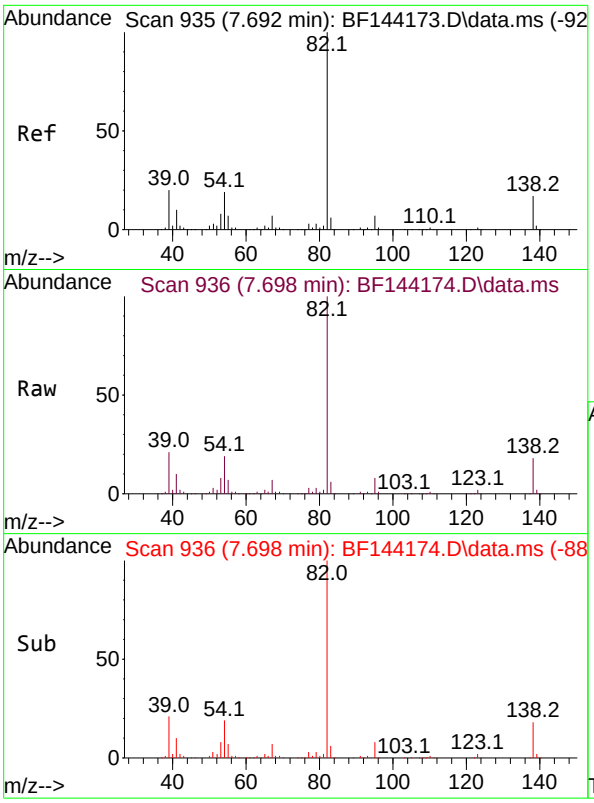




#24
Nitrobenzene
Concen: 45.541 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 77 Resp: 268336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.9 | 35.8 | 53.8 |
| 65 | 14.7 | 12.2 | 18.2 |



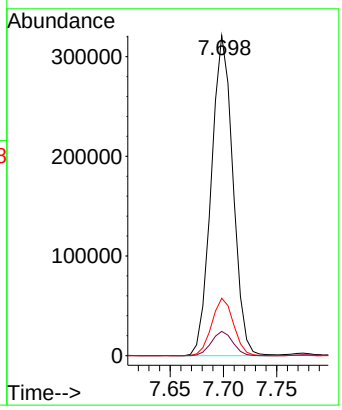


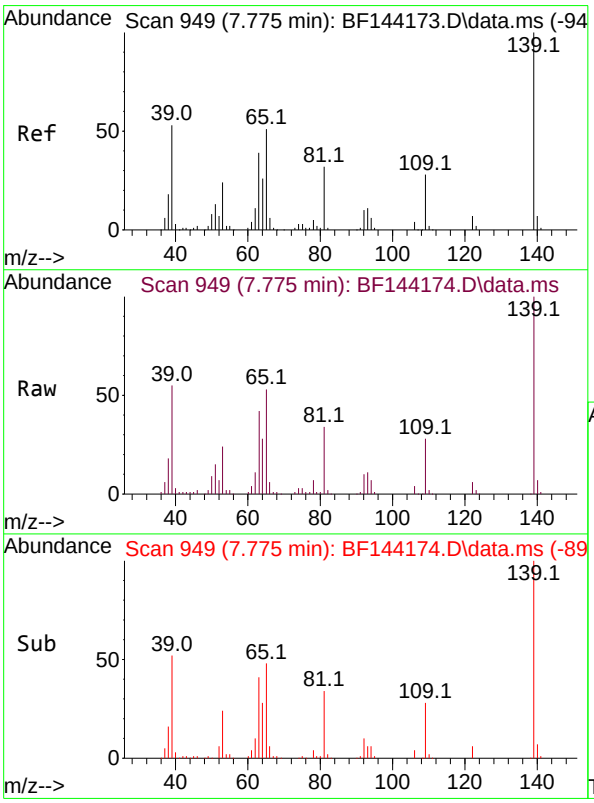

#25
Isophorone
Concen: 44.376 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 455511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 5.5 | 8.3 |
| 138 | 17.9 | 13.7 | 20.5 |

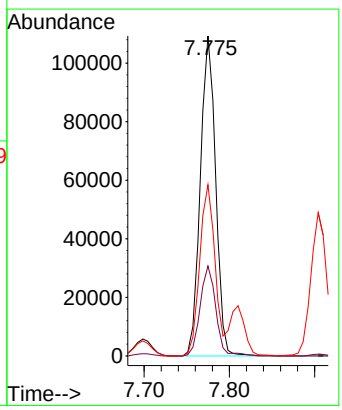


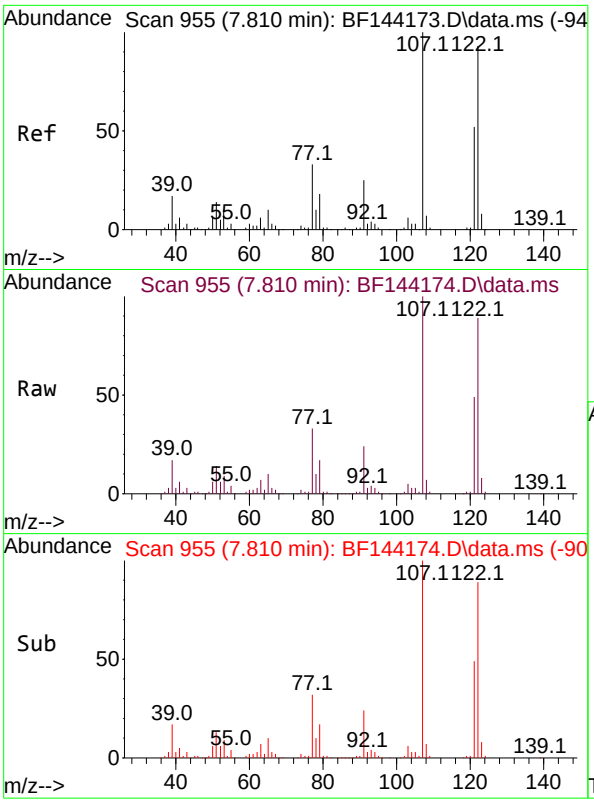




#26
2-Nitrophenol
Concen: 46.747 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:139 Resp: 136351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.1 | 22.2 | 33.2 |
| 65 | 53.5 | 40.7 | 61.1 |



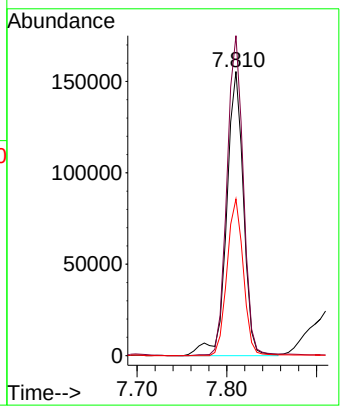


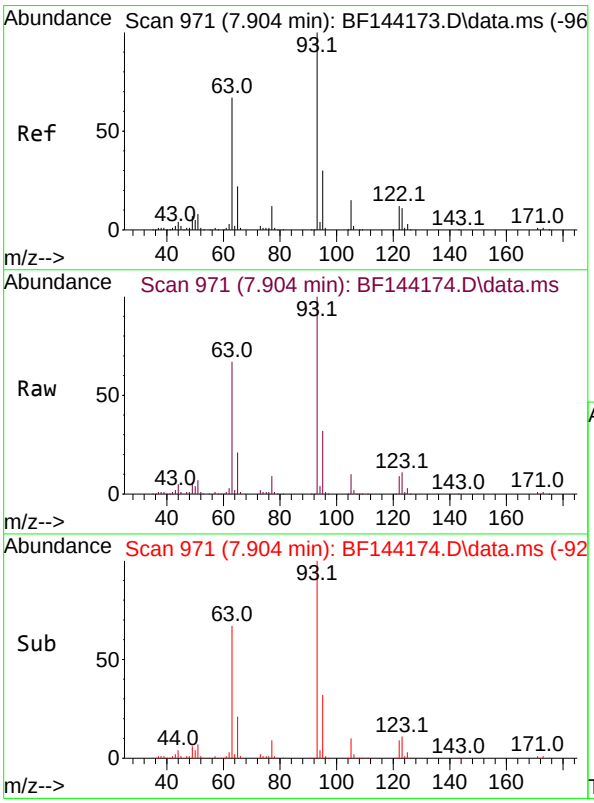

#27
2,4-Dimethylphenol
Concen: 46.681 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:122 Resp: 204079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 86.2 | 129.4 |
| 121 | 55.1 | 44.6 | 66.8 |

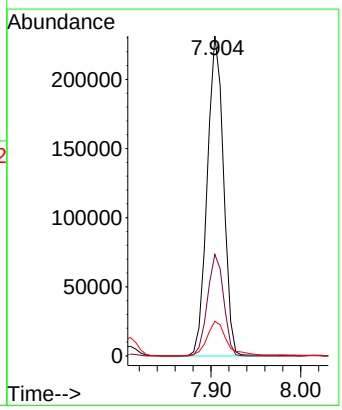


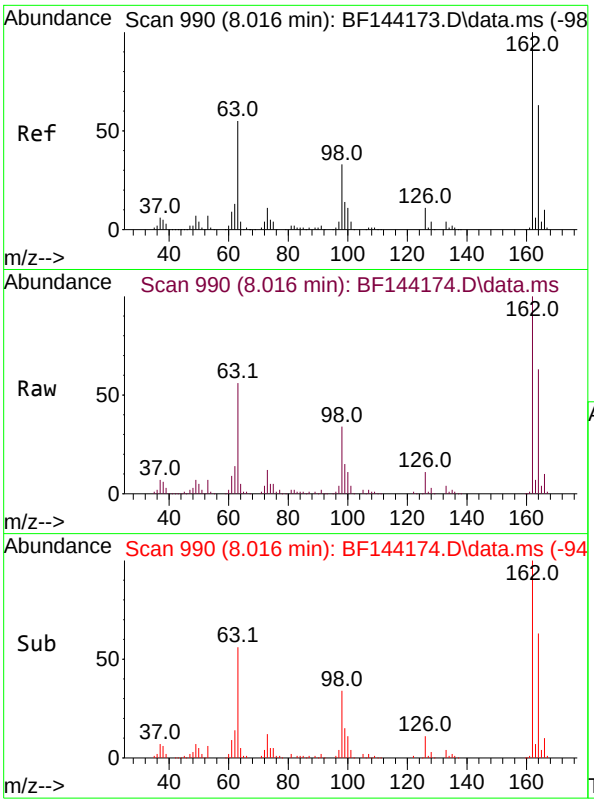




#28
bis(2-Chloroethoxy)methane
Concen: 45.429 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 93 Resp: 291202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 24.2 | 36.4 |
| 123 | 10.8 | 9.0 | 13.4 |



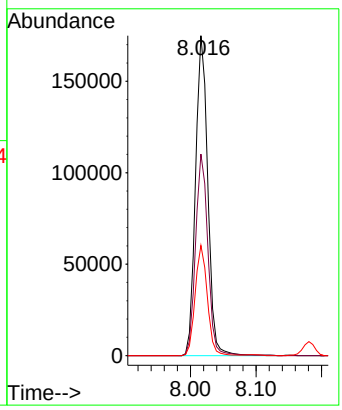


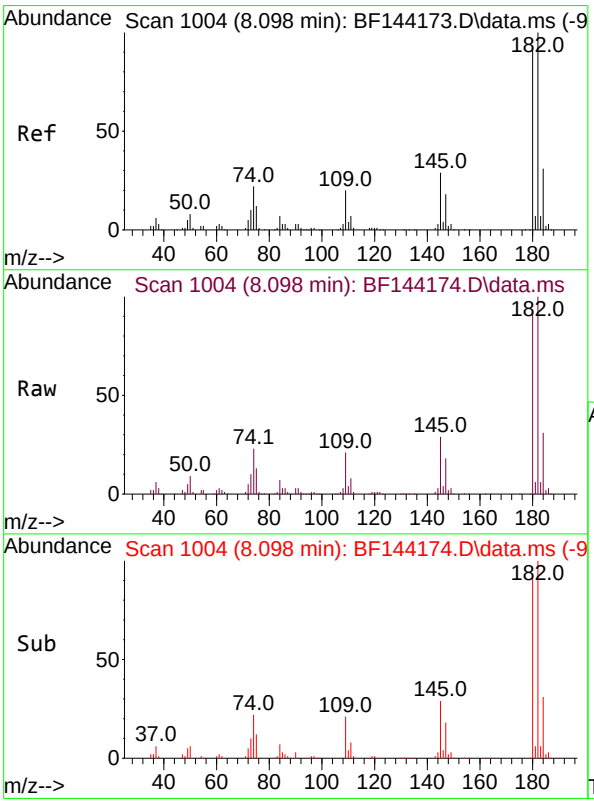

#29
2,4-Dichlorophenol
Concen: 45.001 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 226748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.0 | 42.9 | 82.9 |
| 98 | 34.4 | 13.3 | 53.3 |

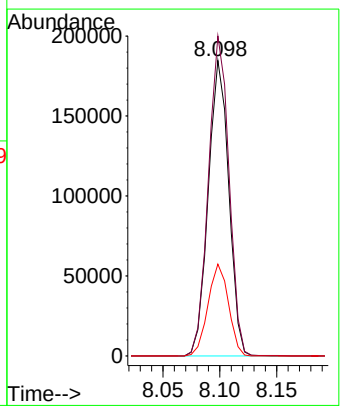


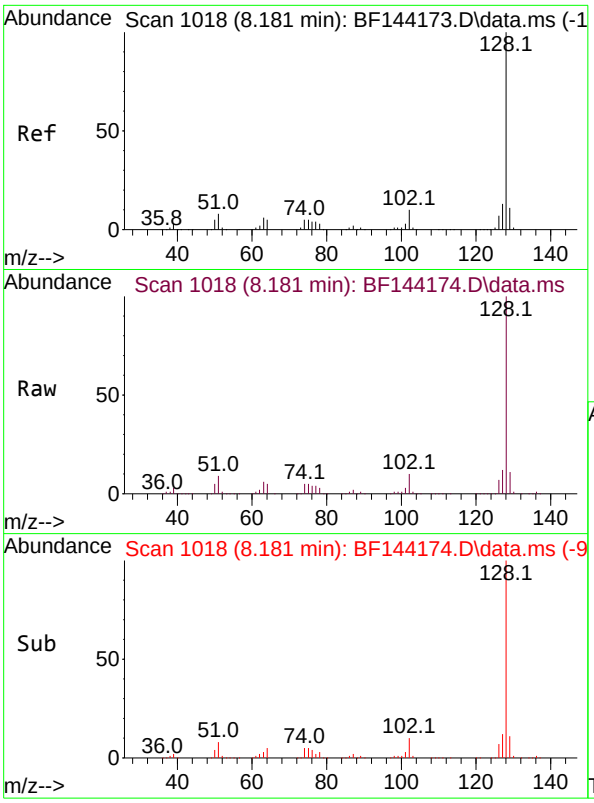




#30
1,2,4-Trichlorobenzene
Concen: 44.838 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:180 Resp: 231992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 108.3 | 87.7 | 131.5 |
| 145 | 31.1 | 25.4 | 38.0 |



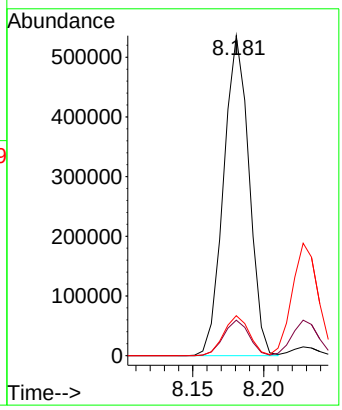


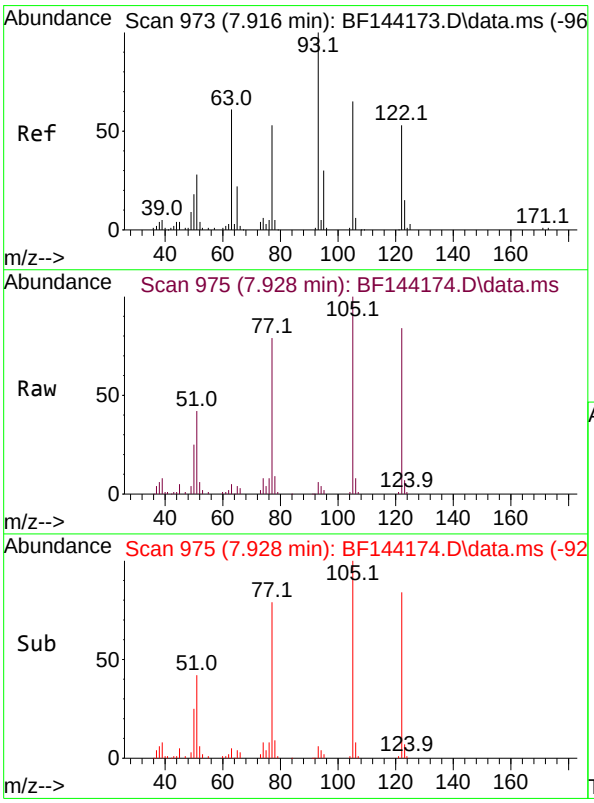

#31
Naphthalene
Concen: 44.658 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:128 Resp: 665821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.9 | 13.3 |
| 127 | 12.5 | 10.3 | 15.5 |

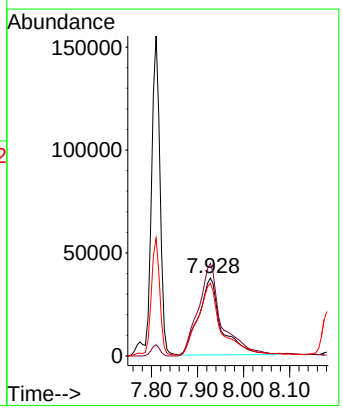


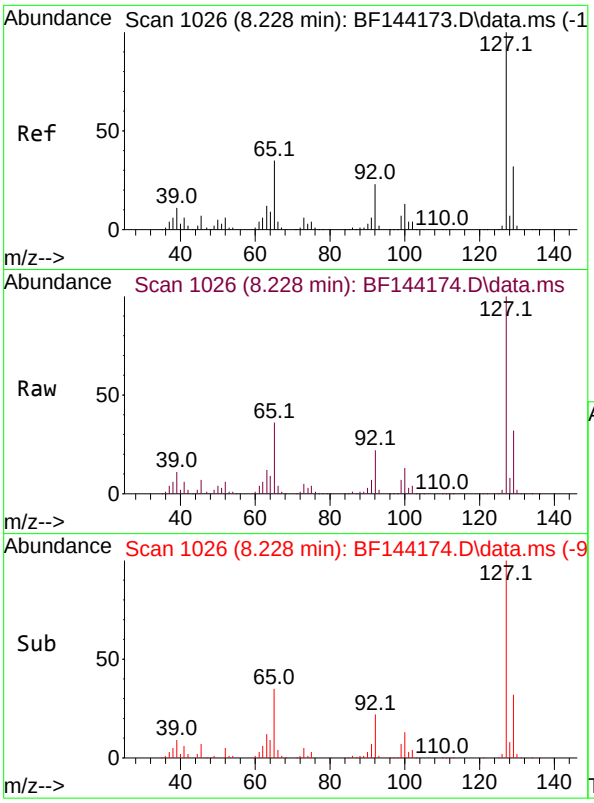




#32
Benzoic acid
Concen: 40.359 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:122 Resp: 129332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.8 | 99.9 | 139.9 |
| 77 | 93.6 | 77.5 | 117.5 |



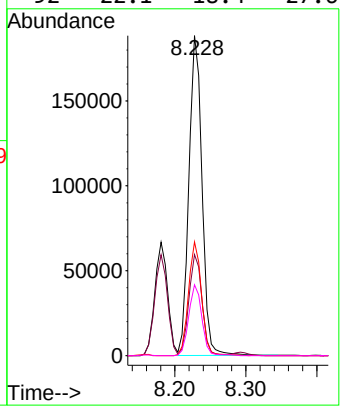


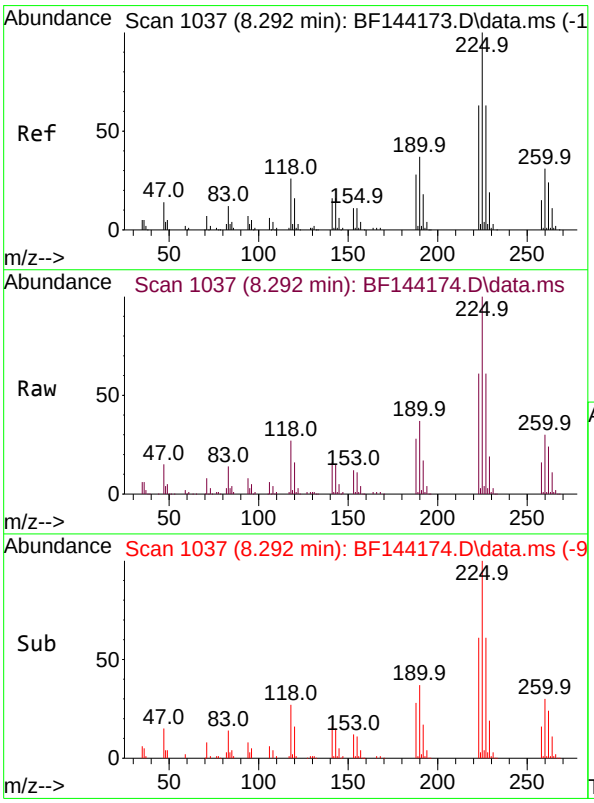

#33
4-Chloroaniline
Concen: 44.496 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:127 Resp: 241956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 25.3 | 37.9 |
| 65 | 35.5 | 27.6 | 41.4 |
| 92 | 22.1 | 18.4 | 27.6 |

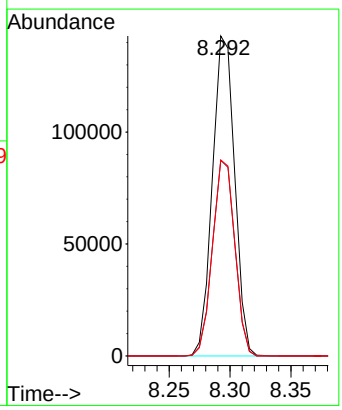


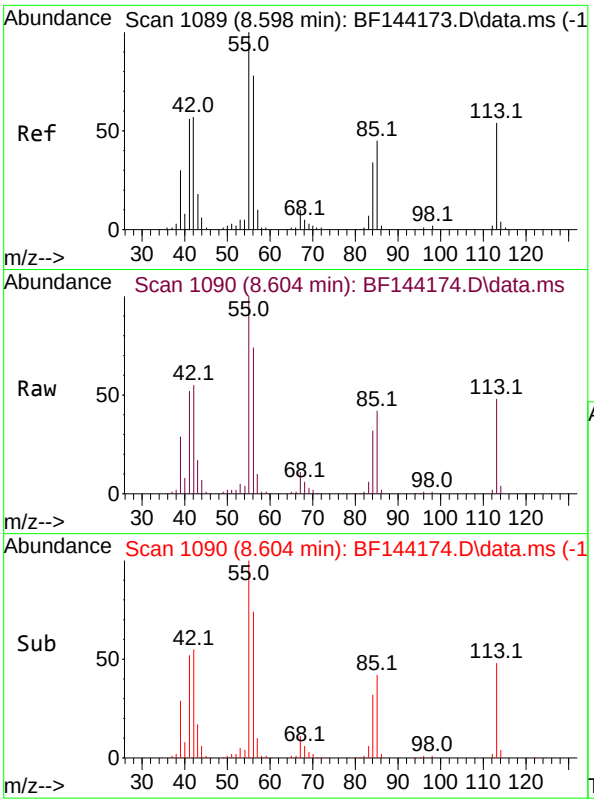




#34
Hexachlorobutadiene
Concen: 46.562 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:225 Resp: 181564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.1 | 50.2 | 75.4 |
| 227 | 61.2 | 50.1 | 75.1 |



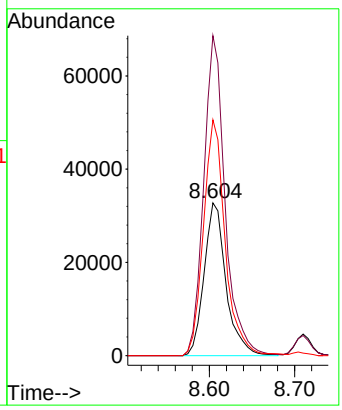


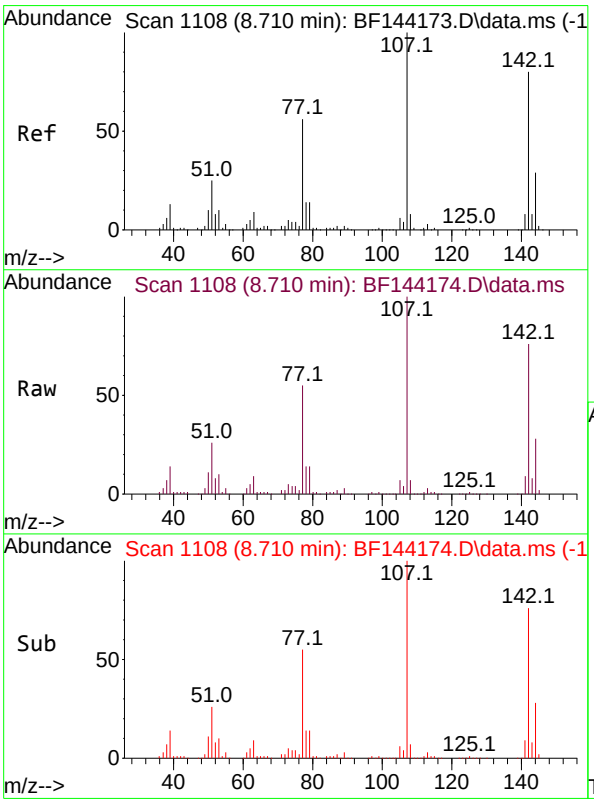

#35
Caprolactam
Concen: 42.327 ng
RT: 8.604 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:113 Resp: 58430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 209.4 | 166.8 | 206.8# |
| 56 | 154.3 | 125.9 | 165.9 |

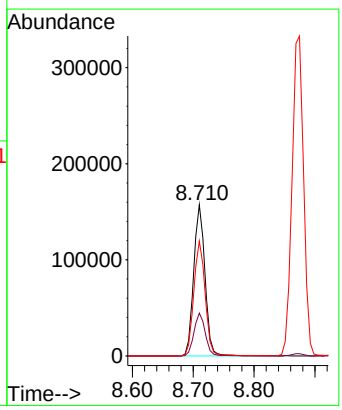


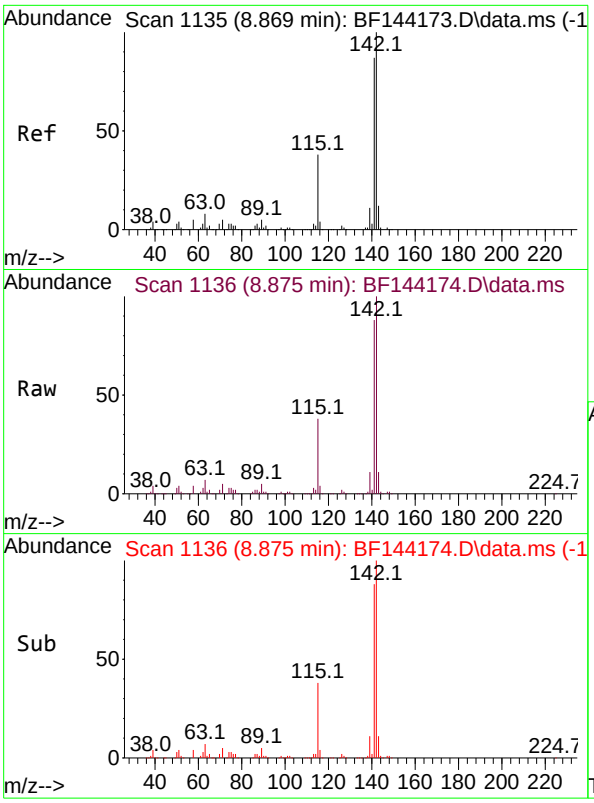




#36
4-Chloro-3-methylphenol
Concen: 44.930 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:107 Resp: 202891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.3 | 23.3 | 34.9 |
| 142 | 75.9 | 63.8 | 95.6 |



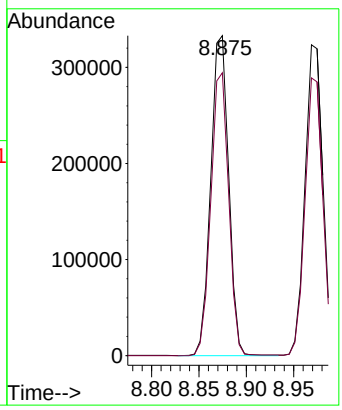


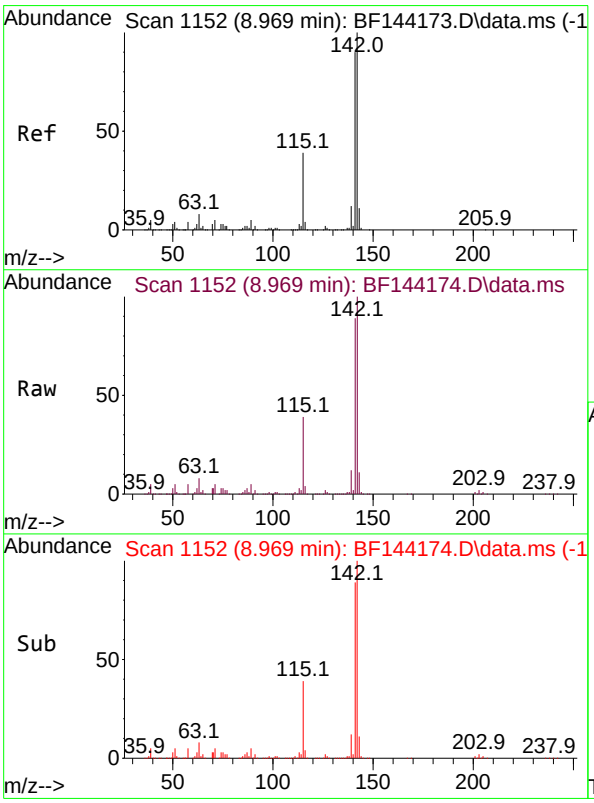

#37
2-Methylnaphthalene
Concen: 43.979 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:142 Resp: 438395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 69.9 | 104.9 |

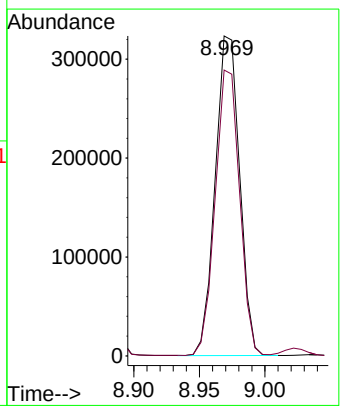


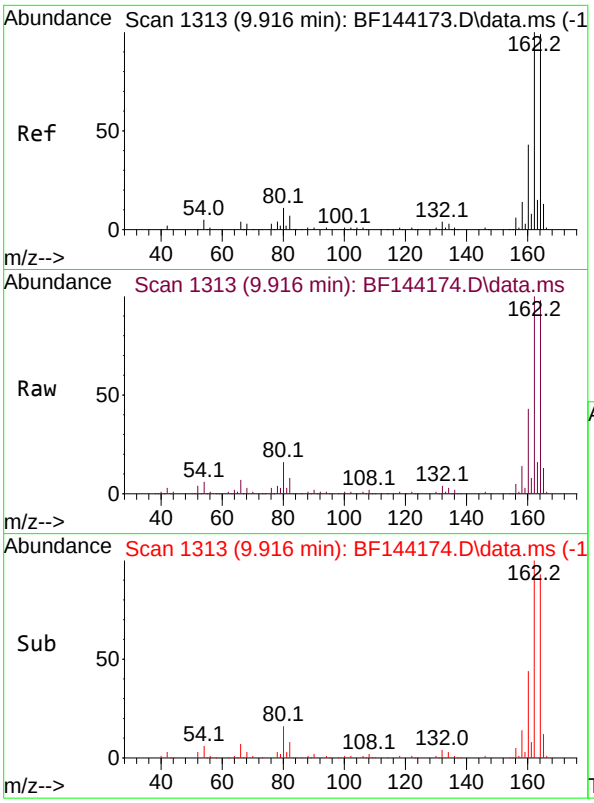




#38
1-Methylnaphthalene
Concen: 43.644 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:142 Resp: 419784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.3 | 72.1 | 108.1 |



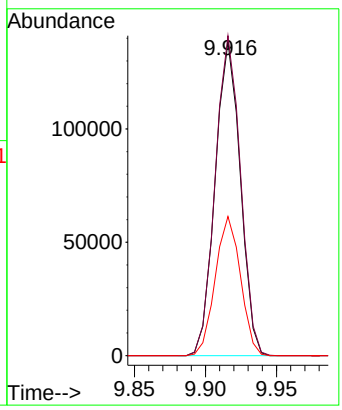


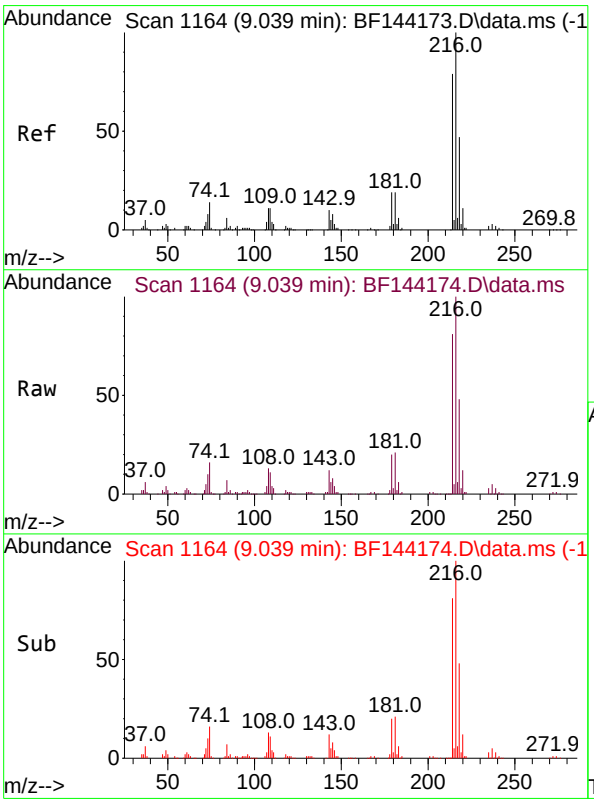

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:164 Resp: 170294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 81.1 | 121.7 |
| 160 | 44.4 | 34.5 | 51.7 |

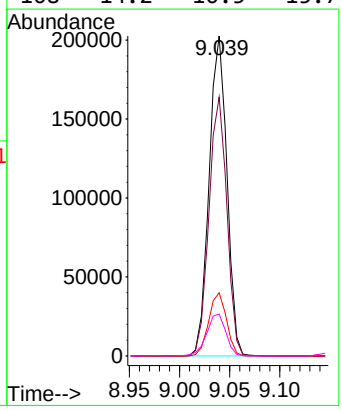


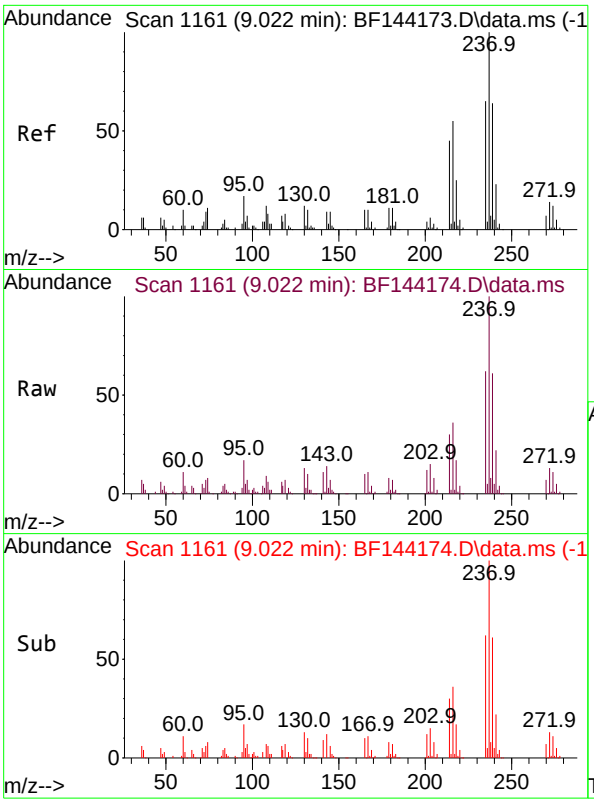




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.832 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:216 Resp: 250210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 81.3 | 63.4 | 95.2 |
| 179 | 19.6 | 15.0 | 22.4 |
| 108 | 14.2 | 10.5 | 15.7 |



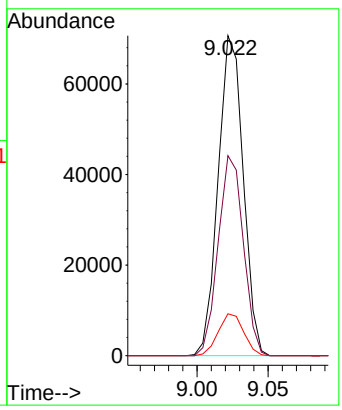


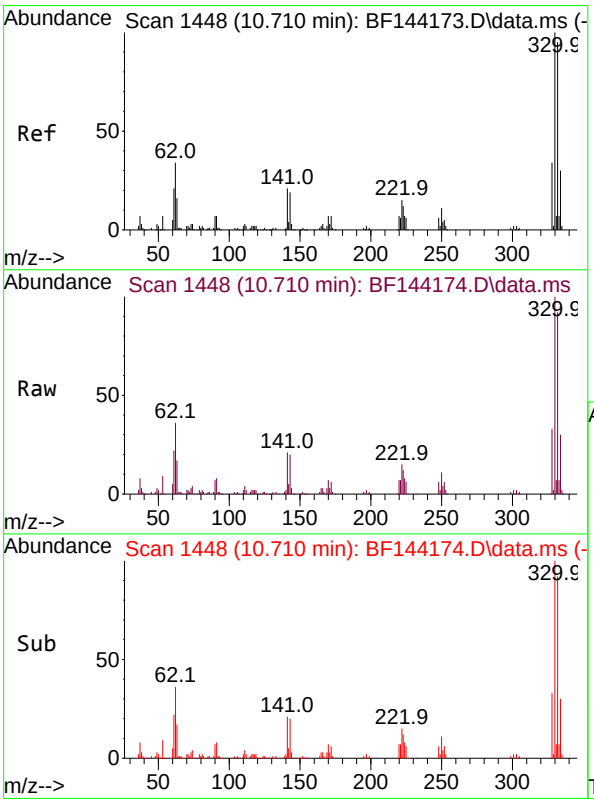

#41
Hexachlorocyclopentadiene
Concen: 48.007 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:237 Resp: 86860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 45.5 | 85.5 |
| 272 | 13.1 | 0.0 | 33.5 |

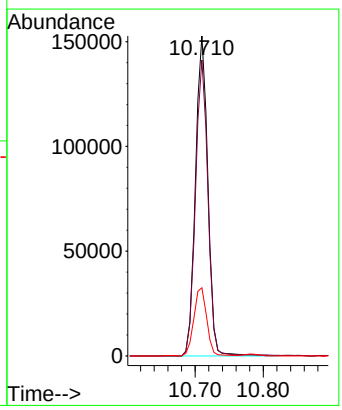


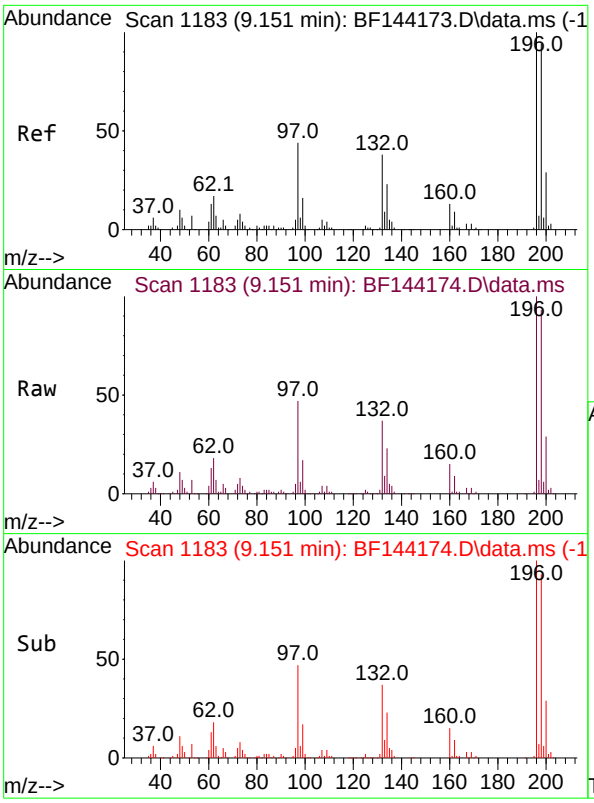




#42
2,4,6-Tribromophenol
Concen: 90.275 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:330 Resp: 192917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.0 | 76.7 | 115.1 |
| 141 | 22.2 | 17.8 | 26.8 |



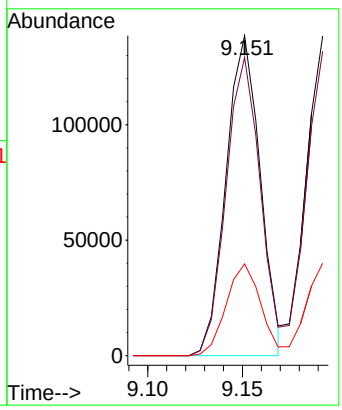


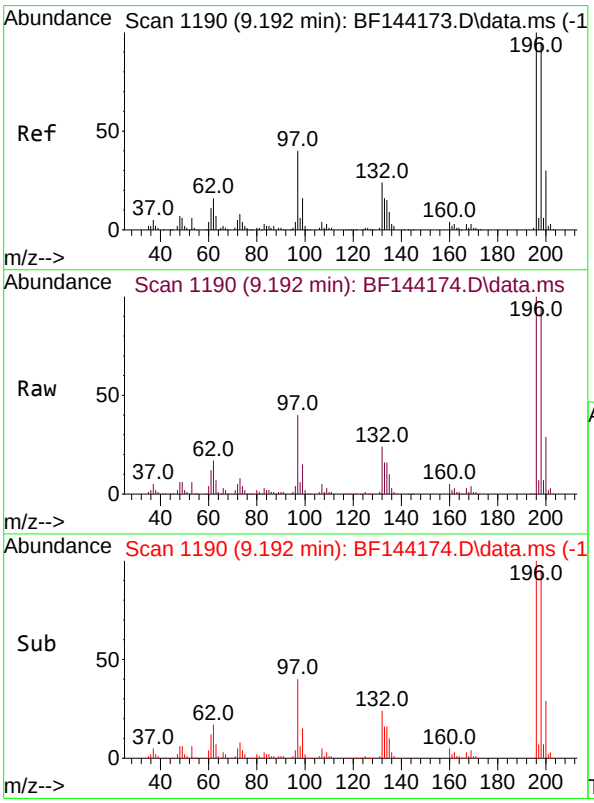

#43
2,4,6-Trichlorophenol
Concen: 45.813 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:196 Resp: 174024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.2 | 75.3 | 112.9 |
| 200 | 28.7 | 23.4 | 35.2 |

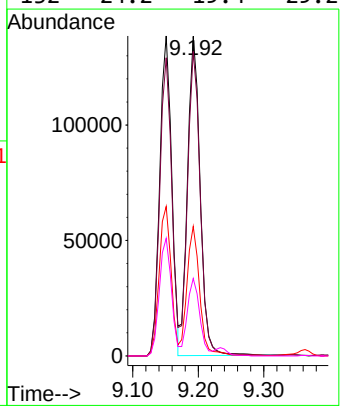


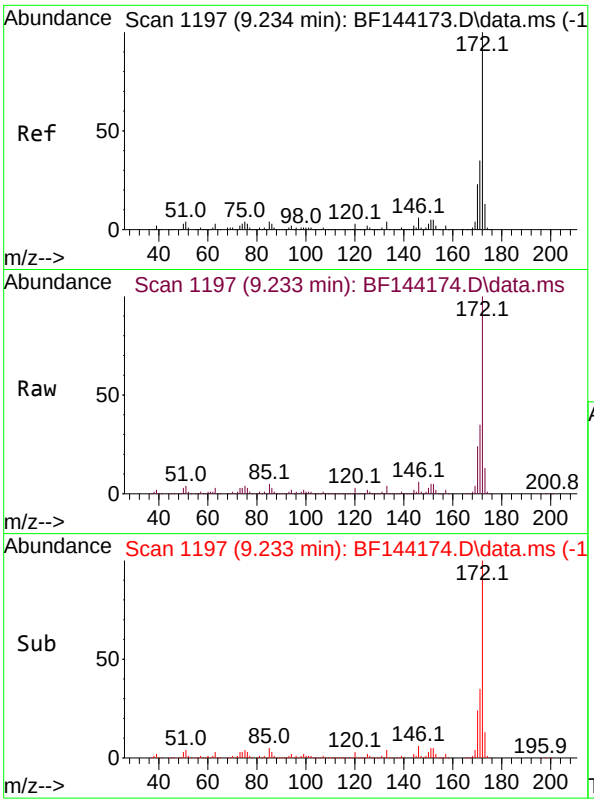




#44
2,4,5-Trichlorophenol
Concen: 45.542 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:196 Resp: 186449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.1 | 114.1 |
| 97 | 40.5 | 31.9 | 47.9 |
| 132 | 24.2 | 19.4 | 29.2 |



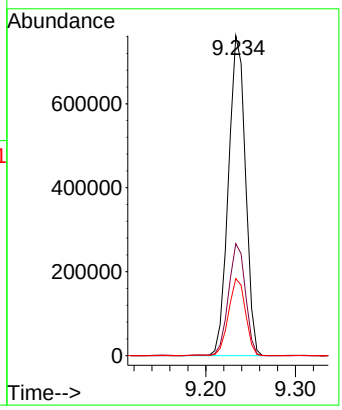


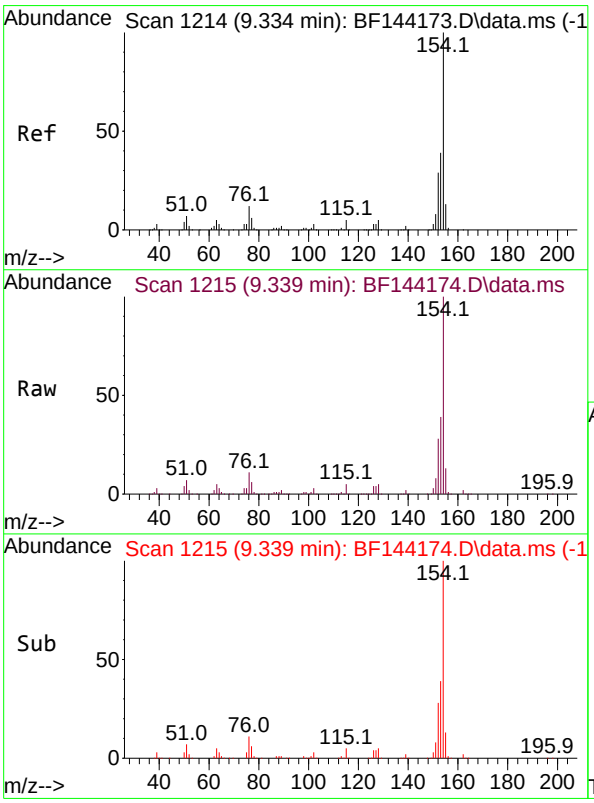

#45
2-Fluorobiphenyl
Concen: 86.941 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:172 Resp: 1002454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 28.1 | 42.1 |
| 170 | 24.1 | 18.6 | 28.0 |

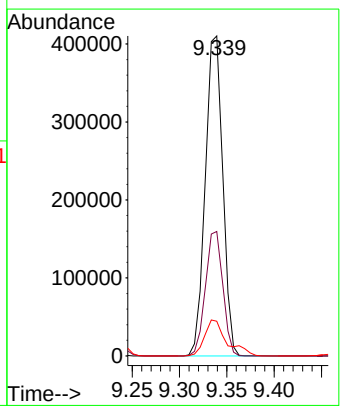


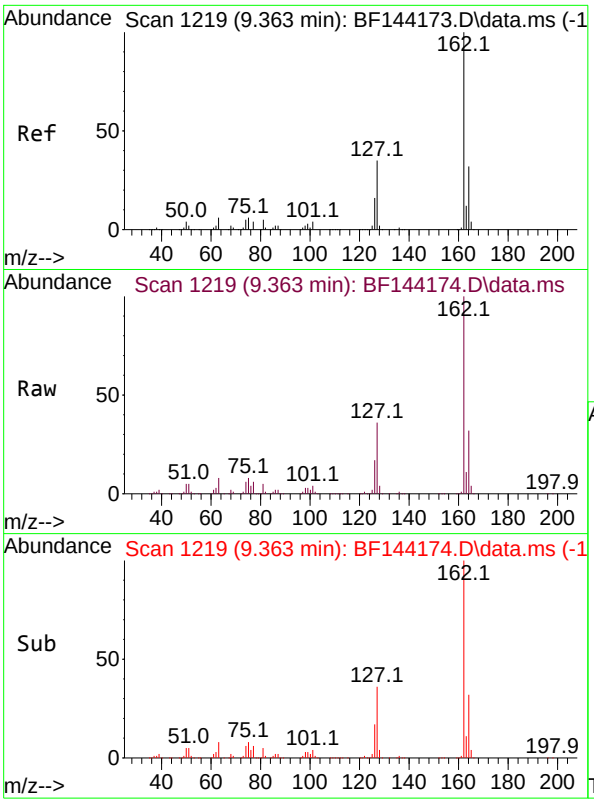




#46
1,1'-Biphenyl
Concen: 44.371 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:154 Resp: 527437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.9 | 19.2 | 59.2 |
| 76 | 10.9 | 0.0 | 31.8 |



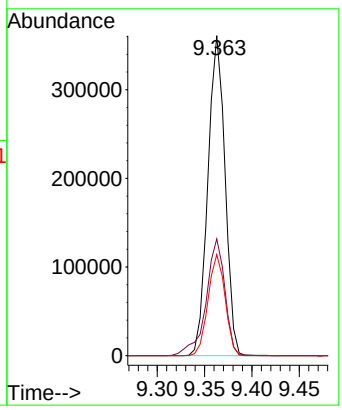


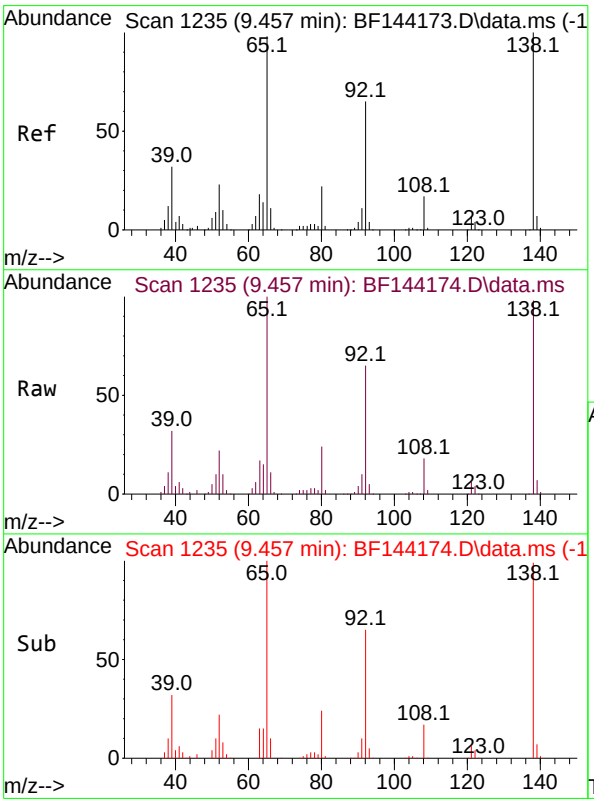

#47
2-Chloronaphthalene
Concen: 44.851 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 454778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.5 | 28.8 | 43.2 |
| 164 | 31.6 | 25.8 | 38.8 |

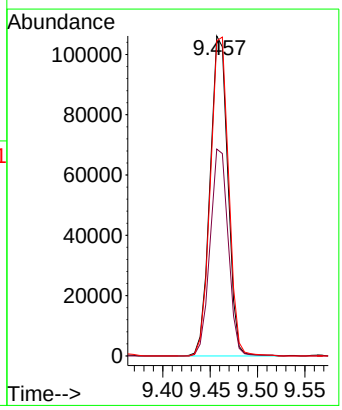


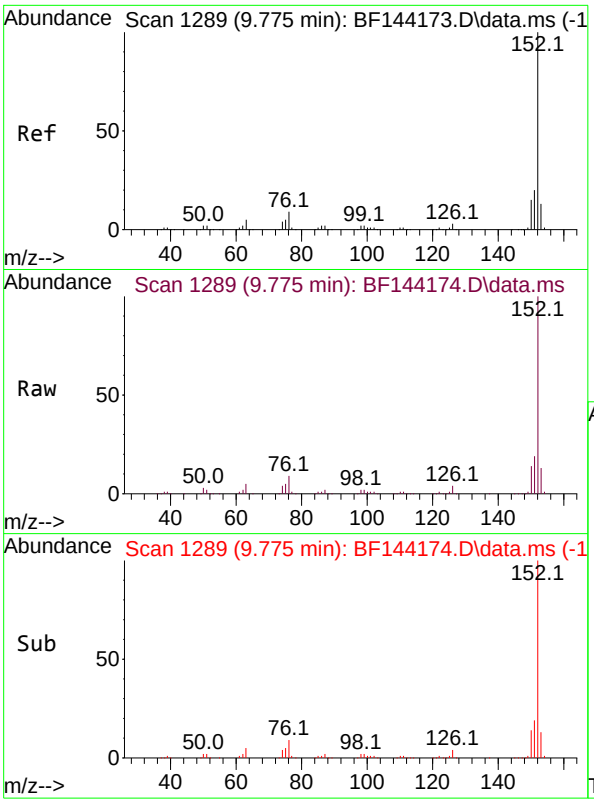




#48
2-Nitroaniline
Concen: 47.458 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 65 Resp: 138845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.6 | 53.0 | 79.6 |
| 138 | 98.5 | 81.6 | 122.4 |



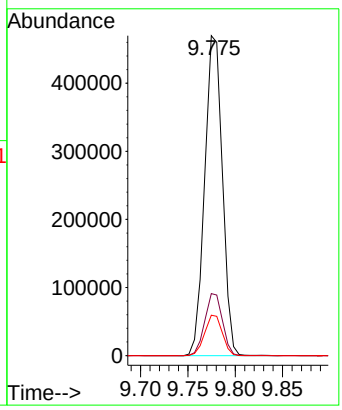


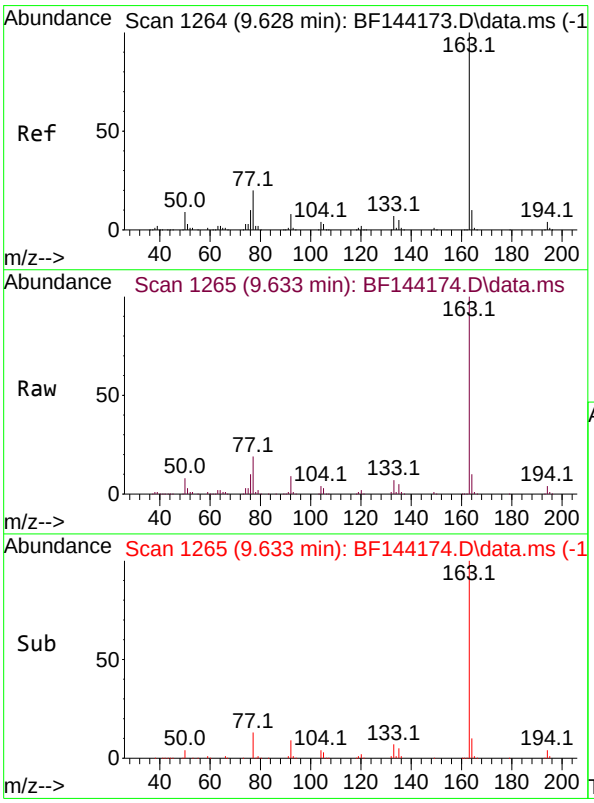

#49
Acenaphthylene
Concen: 44.368 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 613066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.9 | 23.9 |
| 153 | 12.6 | 10.5 | 15.7 |

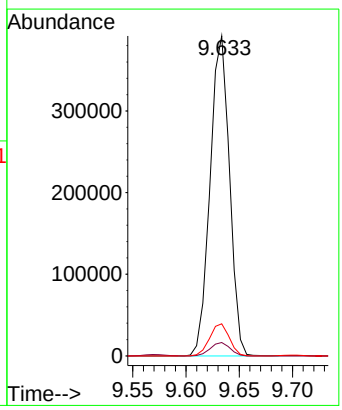


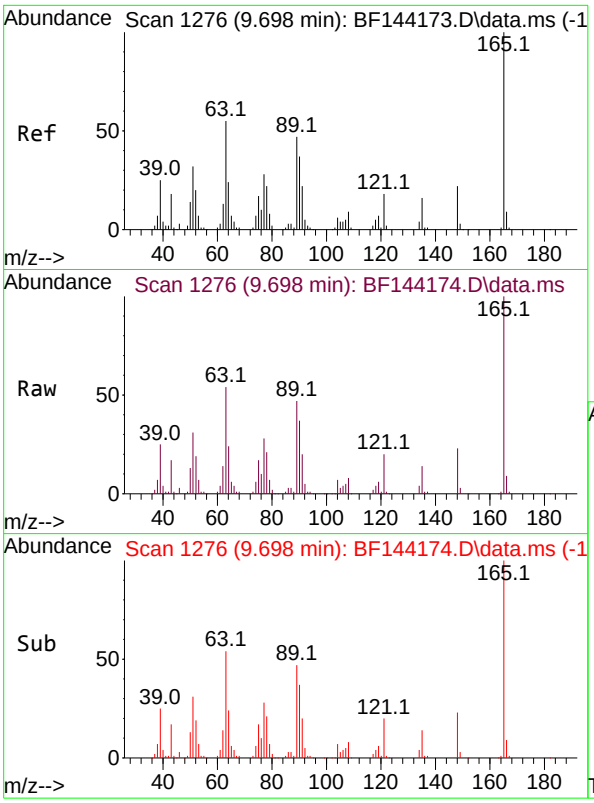




#50
Dimethylphthalate
Concen: 44.094 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:163 Resp: 497451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.0 | 8.1 | 12.1 |



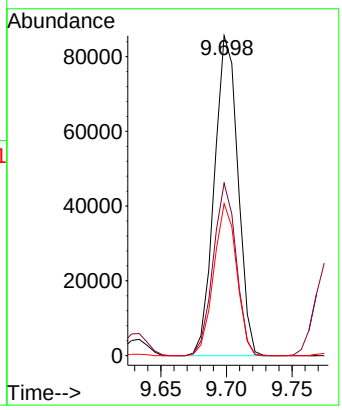


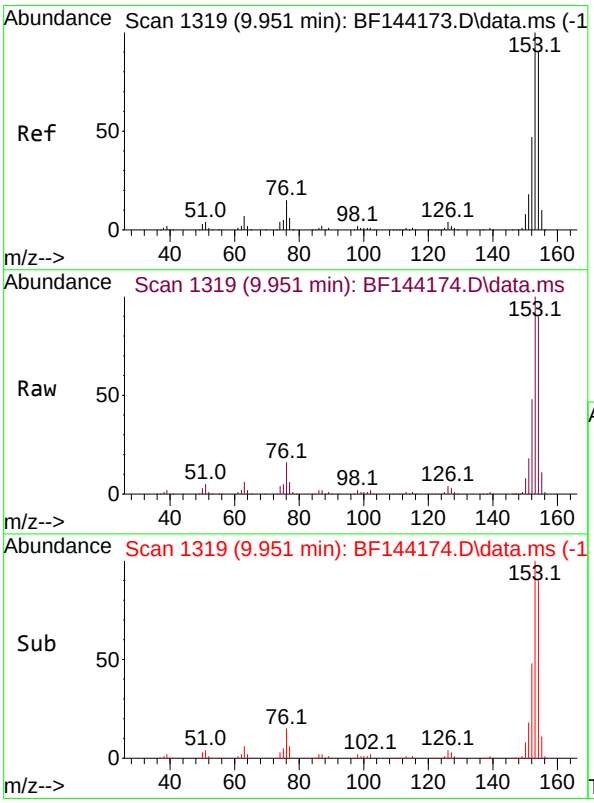

#51
2,6-Dinitrotoluene
Concen: 46.892 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 107091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 53.9 | 43.8 | 65.8 |
| 89 | 47.5 | 37.5 | 56.3 |

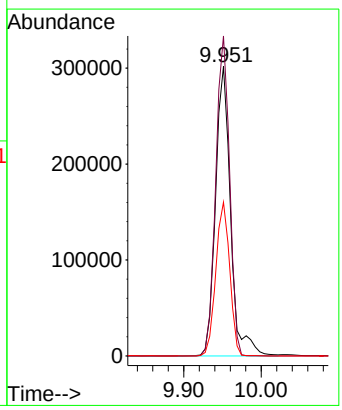


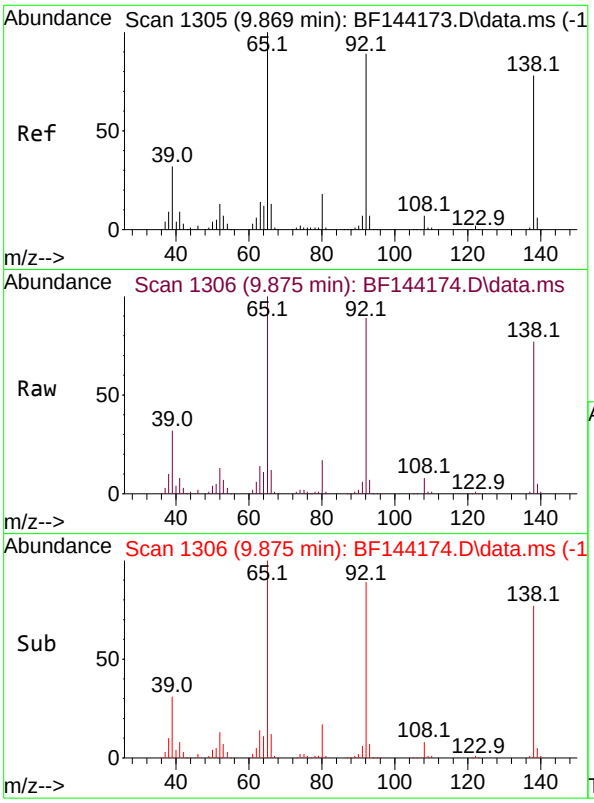




#52
Acenaphthene
Concen: 44.067 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:154 Resp: 407187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.5 | 89.0 | 133.4 |
| 152 | 53.1 | 42.2 | 63.4 |



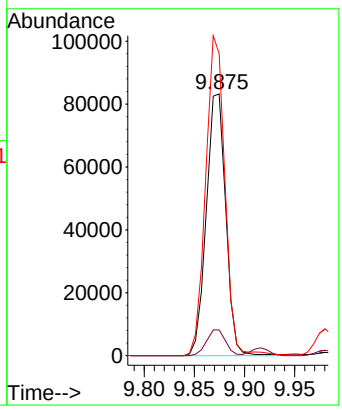


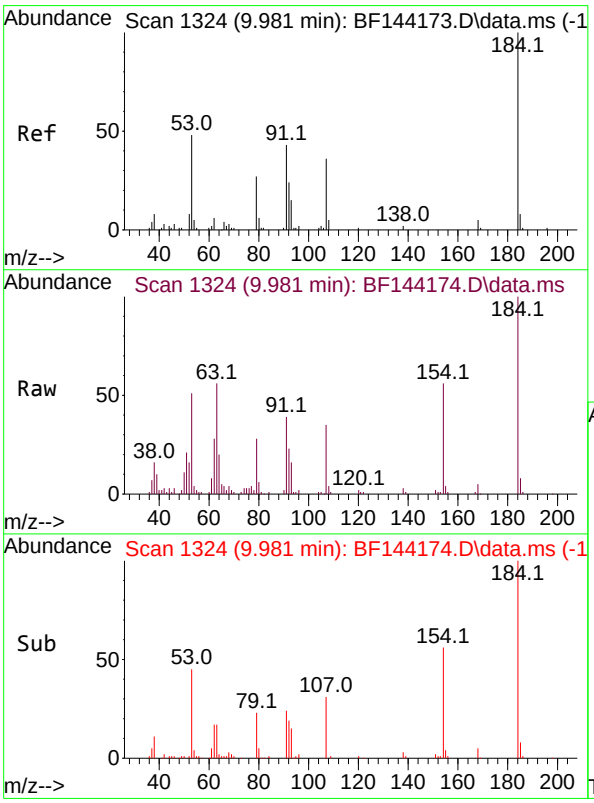

#53
3-Nitroaniline
Concen: 45.012 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:138 Resp: 112371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.8 | 7.5 | 11.3 |
| 92 | 115.4 | 91.8 | 137.6 |

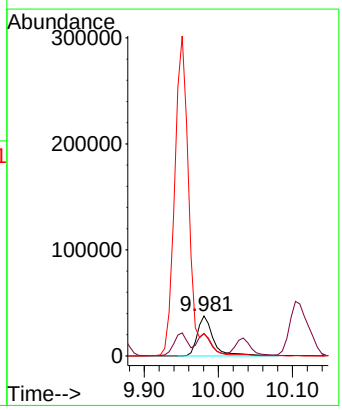


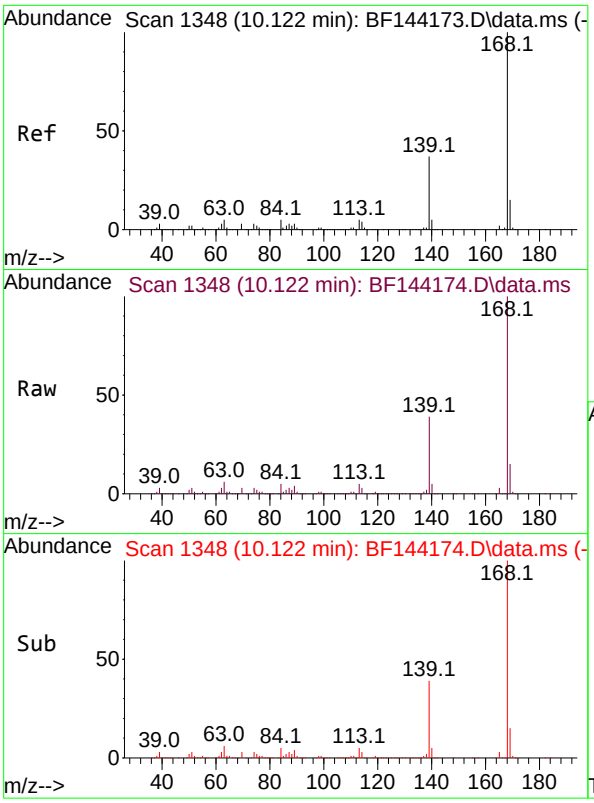




#54
2,4-Dinitrophenol
Concen: 41.007 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:184 Resp: 56551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 56.3 | 44.0 | 66.0 |
| 154 | 55.5 | 42.4 | 63.6 |



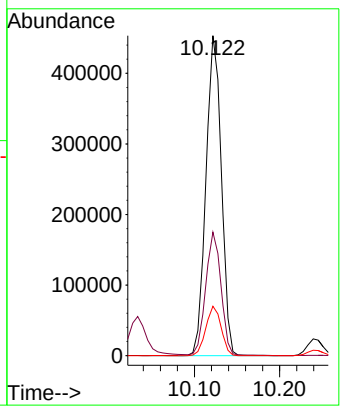


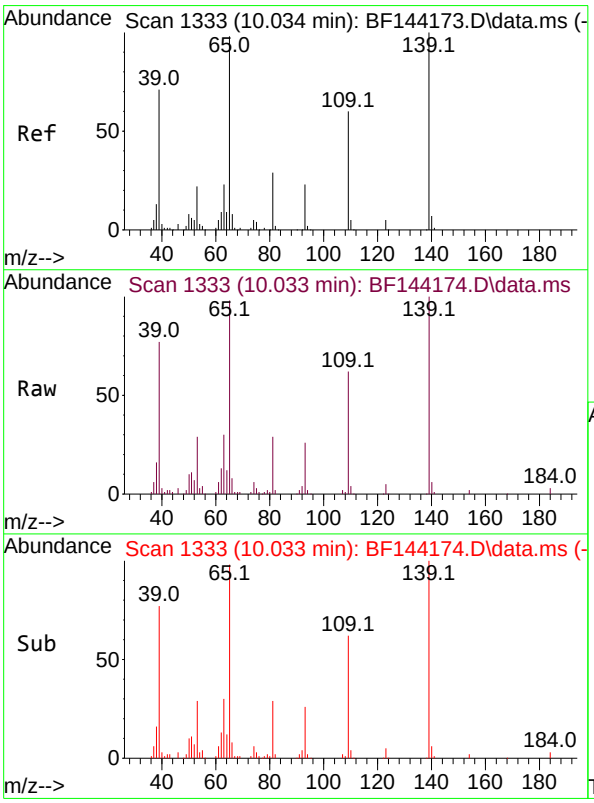

#55
Dibenzofuran
Concen: 43.989 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:168 Resp: 569268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.6 | 30.2 | 45.2 |
| 169 | 15.4 | 12.2 | 18.4 |

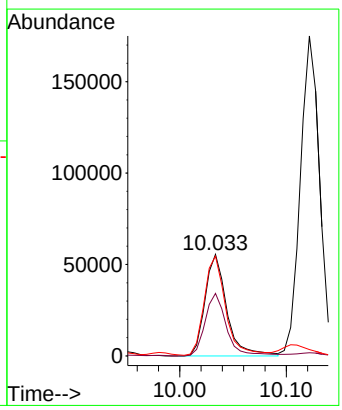


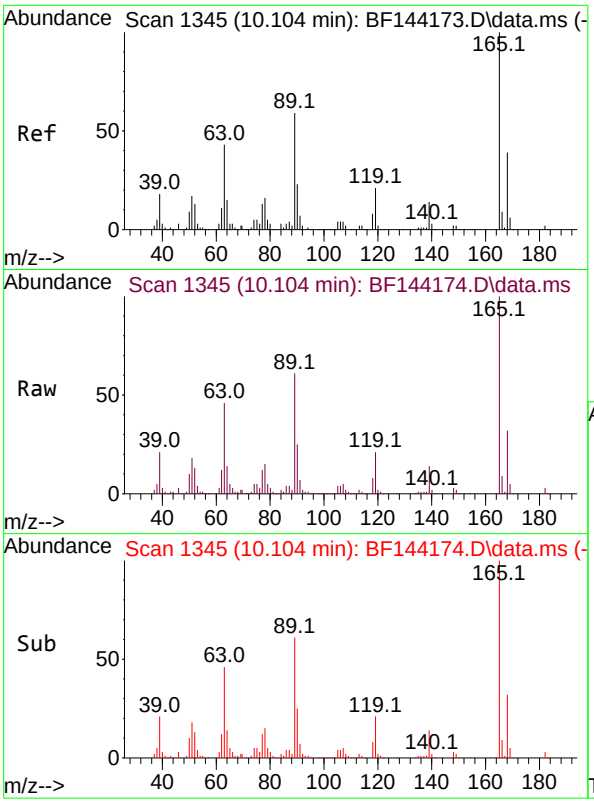




#56
4-Nitrophenol
Concen: 43.544 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:139 Resp: 78636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.6 | 39.9 | 79.9 |
| 65 | 98.3 | 79.5 | 119.5 |



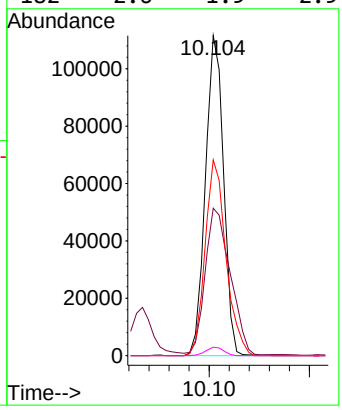


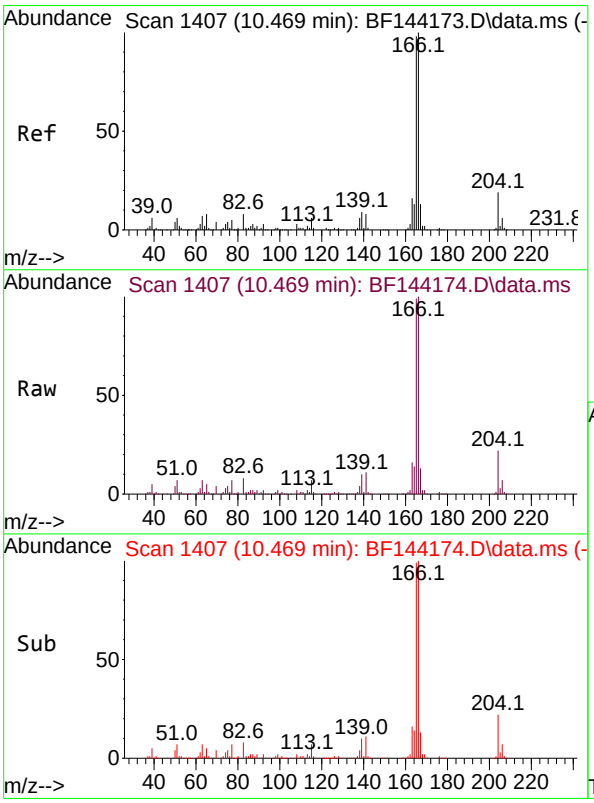

#57
2,4-Dinitrotoluene
Concen: 45.629 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 139501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.1 | 35.5 | 53.3 |
| 89 | 61.2 | 47.4 | 71.2 |
| 182 | 2.6 | 1.9 | 2.9 |

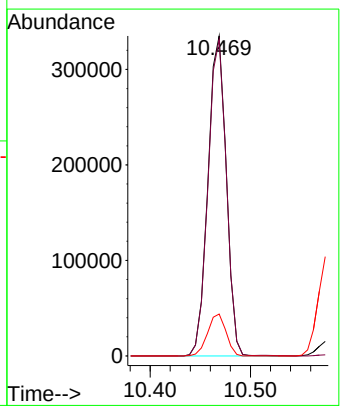


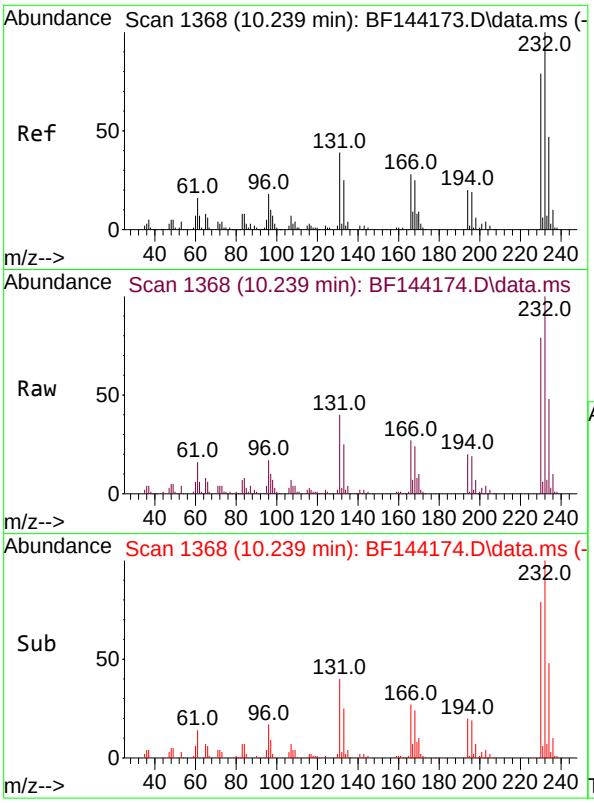




#58
Fluorene
Concen: 43.136 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:166 Resp: 424429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 78.6 | 118.0 |
| 167 | 13.1 | 10.4 | 15.6 |



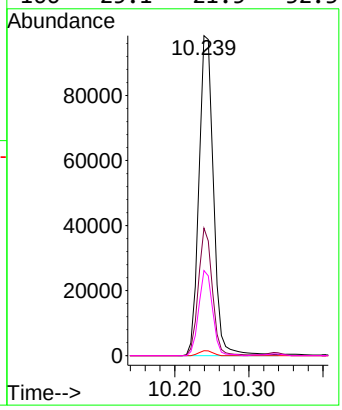


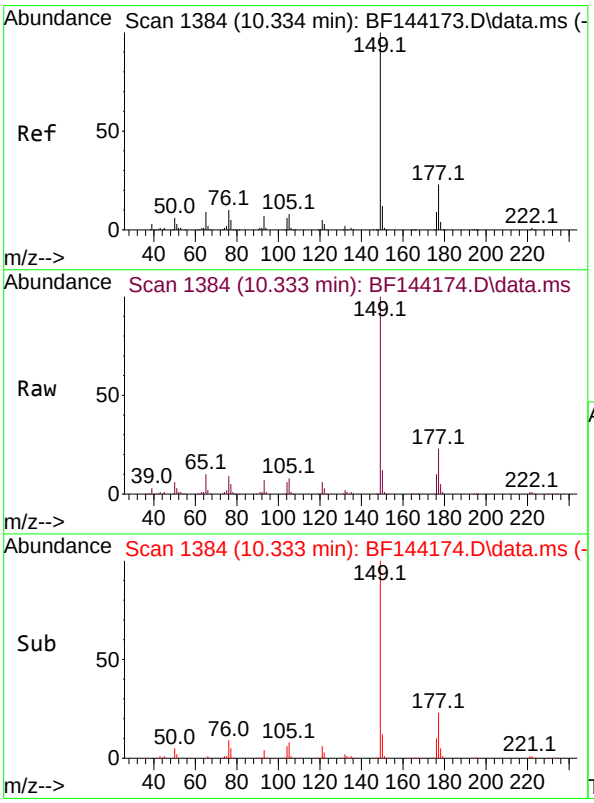

#59
2,3,4,6-Tetrachlorophenol
Concen: 46.453 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:232 Resp: 134554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.0 | 30.3 | 45.5 |
| 130 | 1.4 | 1.2 | 1.8 |
| 166 | 25.1 | 21.5 | 32.3 |

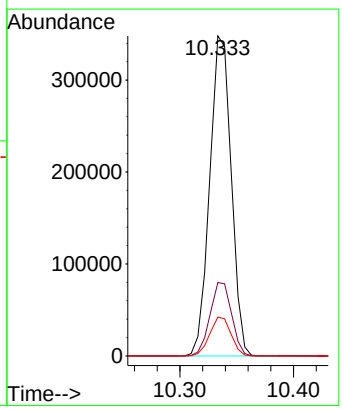


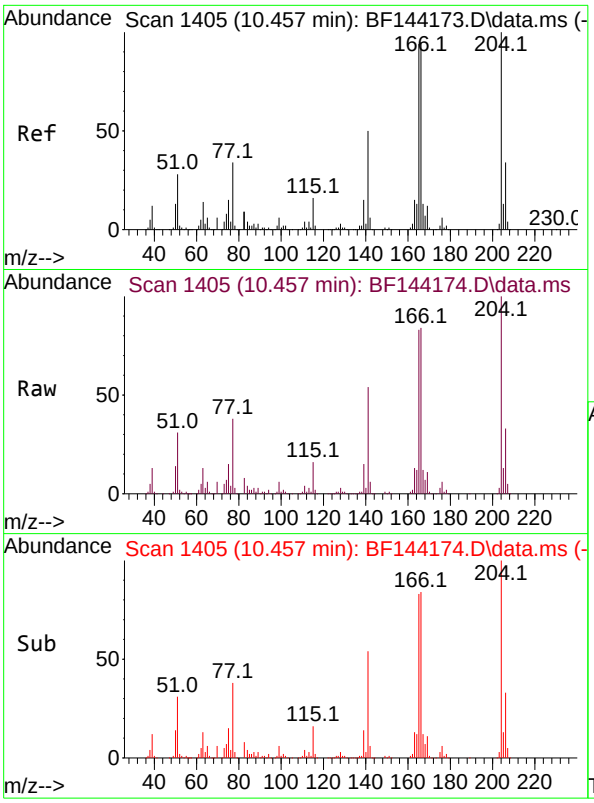




#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 457569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.9 | 18.3 | 27.5 |
| 150 | 12.1 | 9.8 | 14.6 |



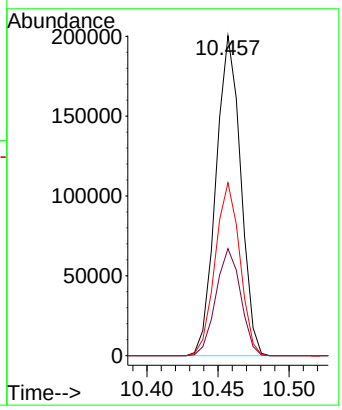


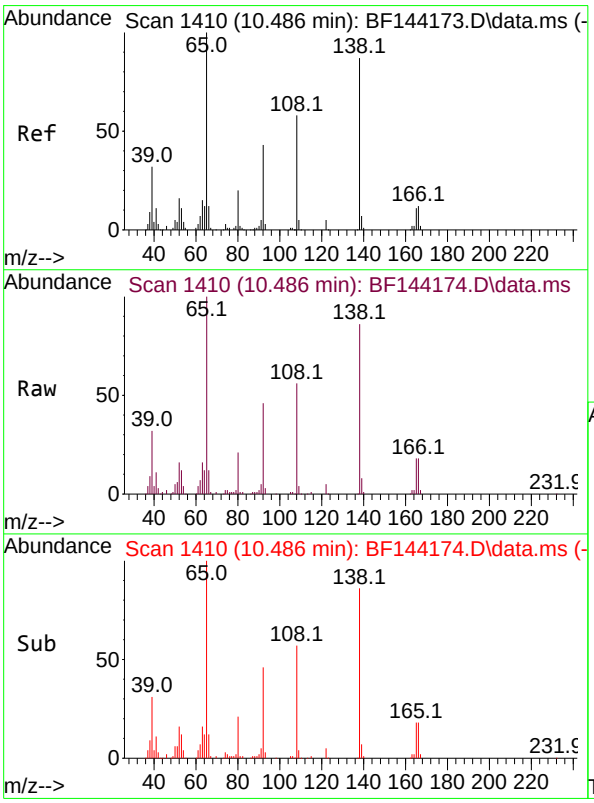

#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:204 Resp: 242650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 27.4 | 41.2 |
| 141 | 54.0 | 40.0 | 60.0 |

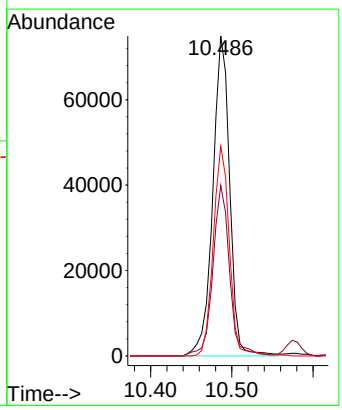


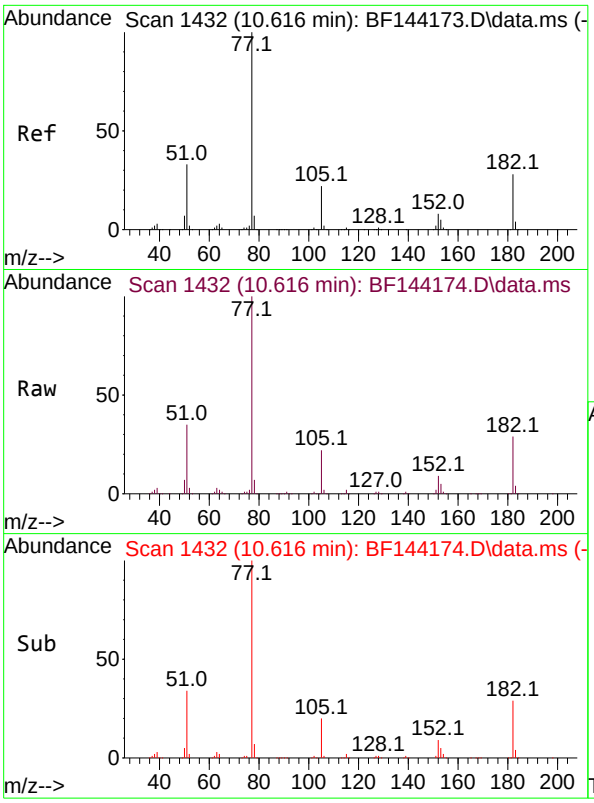




#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 108312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 53.2 | 29.4 | 69.4 |
| 108 | 65.5 | 46.4 | 86.4 |



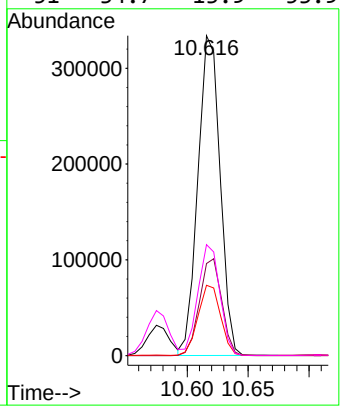


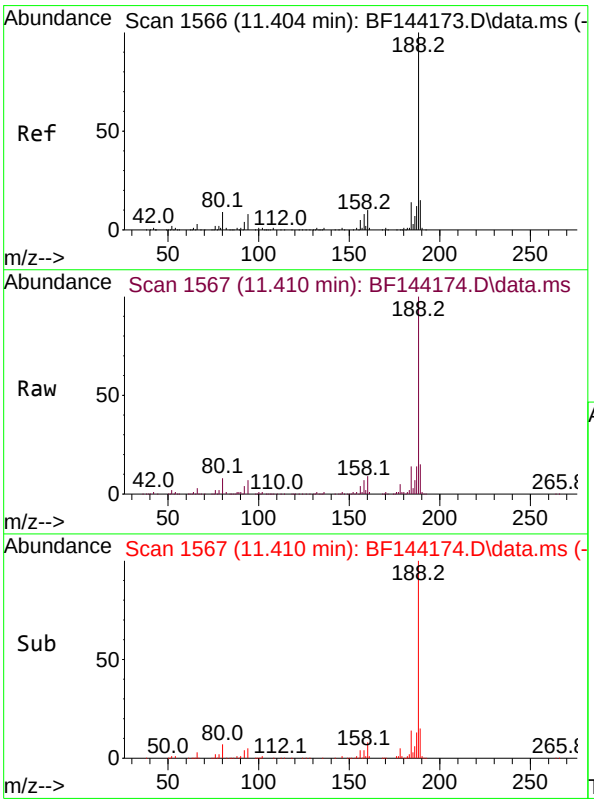

#63
Azobenzene
Concen: 43.768 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 423631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.8 | 8.1 | 48.1 |
| 105 | 22.0 | 2.0 | 42.0 |
| 51 | 34.7 | 13.9 | 53.9 |

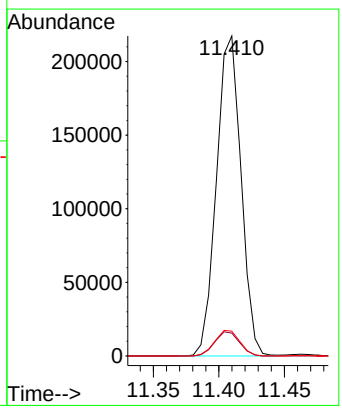


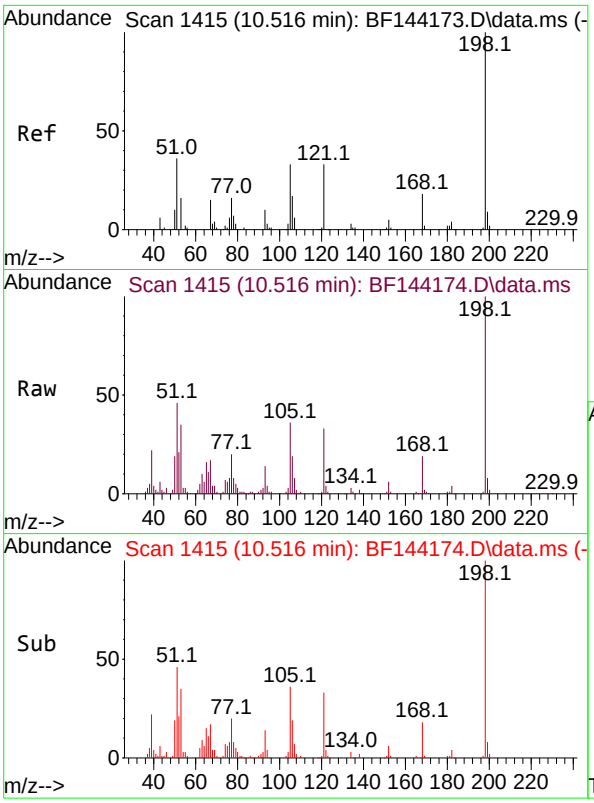




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:188 Resp: 283828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.1 | 6.2 | 9.2 |
| 80 | 7.7 | 6.9 | 10.3 |



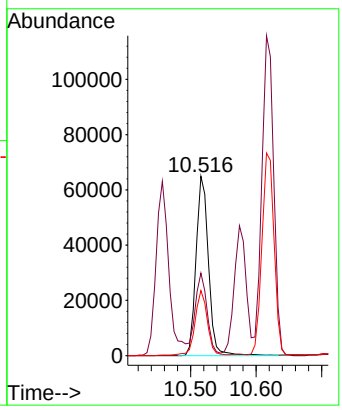


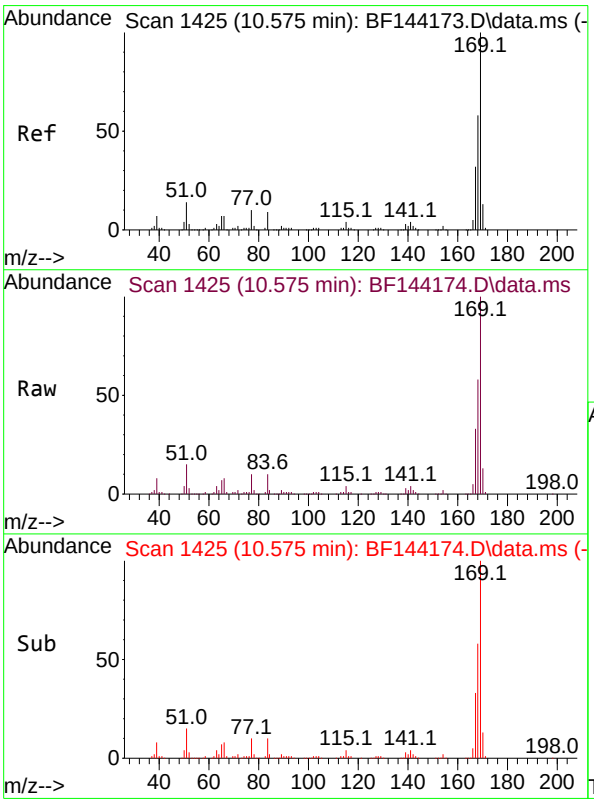

#65
4,6-Dinitro-2-methylphenol
Concen: 44.204 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:198 Resp: 85232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 46.0 | 25.6 | 65.6 |
| 105 | 36.3 | 14.6 | 54.6 |

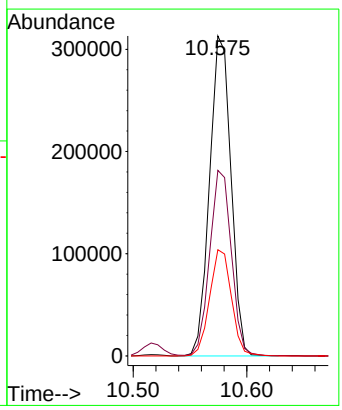


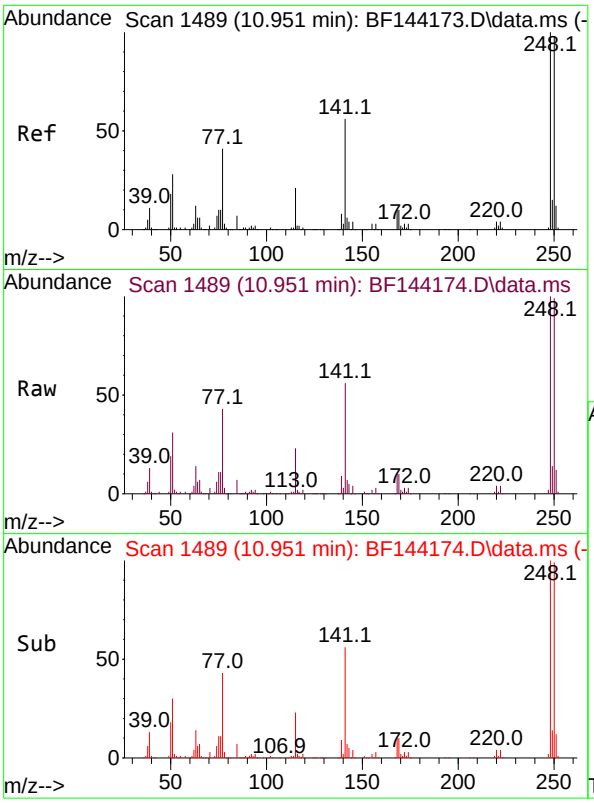




#66
n-Nitrosodiphenylamine
Concen: 44.877 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:169 Resp: 409670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 58.0 | 46.2 | 69.2 |
| 167 | 33.2 | 25.7 | 38.5 |



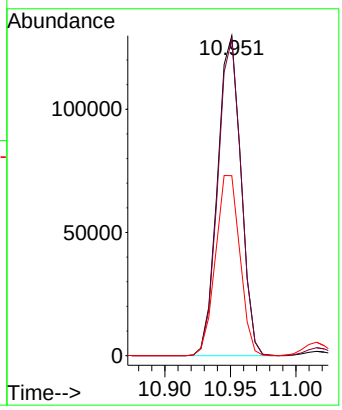


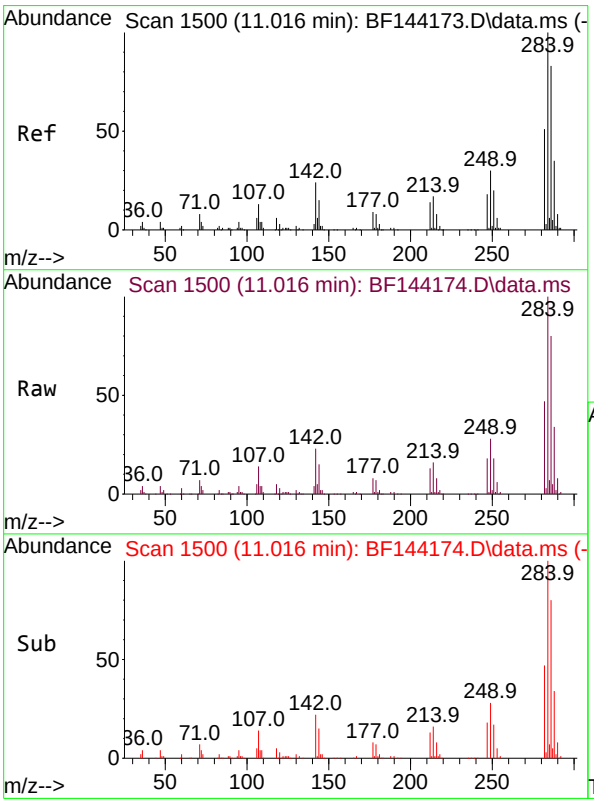

#67
4-Bromophenyl-phenylether
Concen: 44.606 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:248 Resp: 161600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.0 | 78.4 | 117.6 |
| 141 | 56.2 | 45.1 | 67.7 |

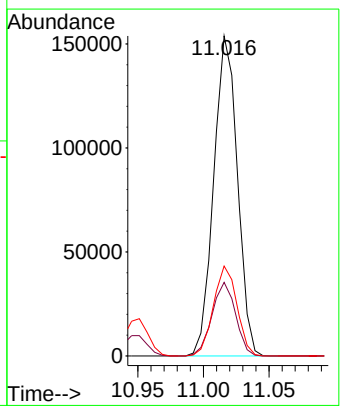


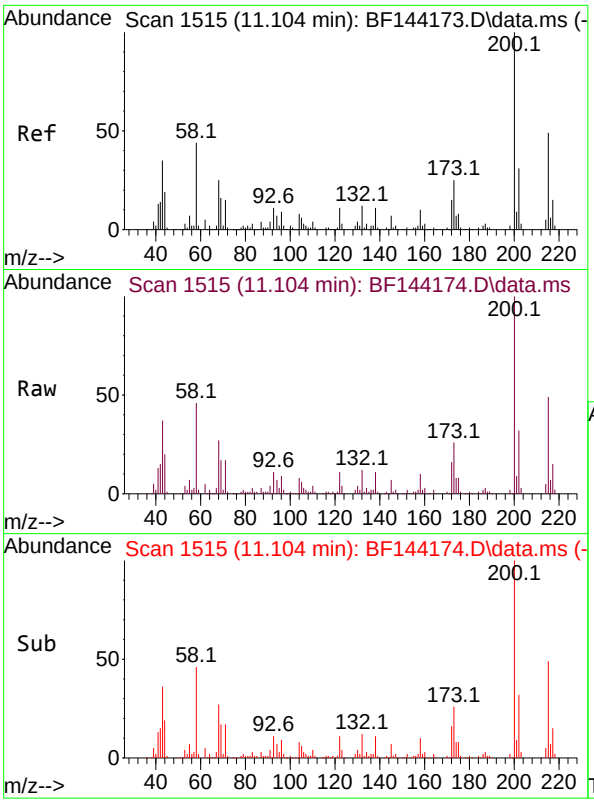




#68
Hexachlorobenzene
Concen: 45.364 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:284 Resp: 193574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.0 | 19.2 | 28.8 |
| 249 | 28.1 | 23.8 | 35.8 |



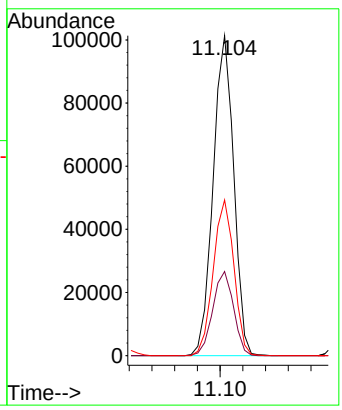


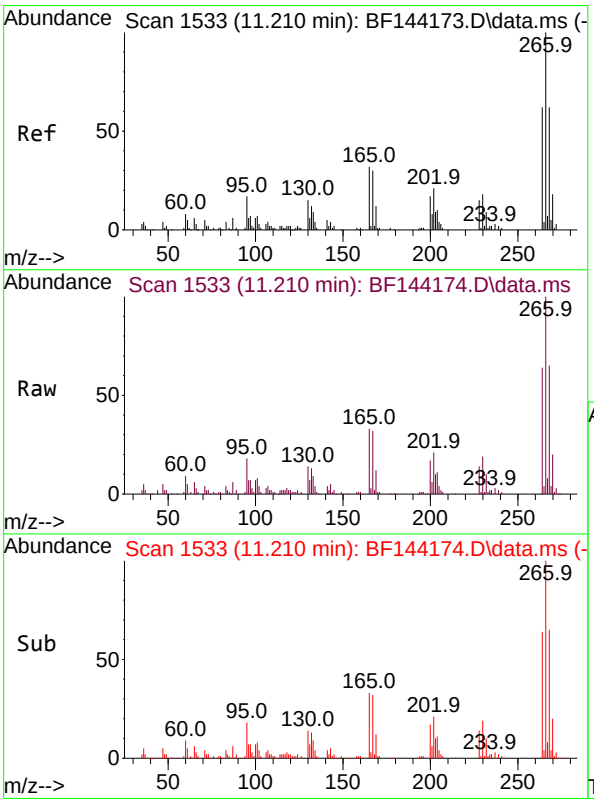

#69
Atrazine
Concen: 43.906 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:200 Resp: 127465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 5.0 | 45.0 |
| 215 | 48.6 | 28.7 | 68.7 |

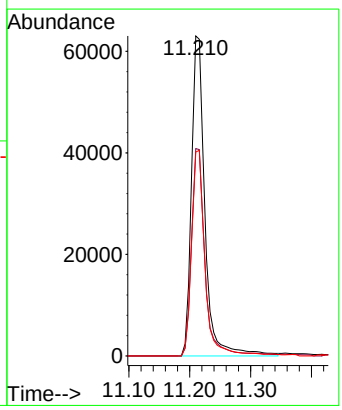


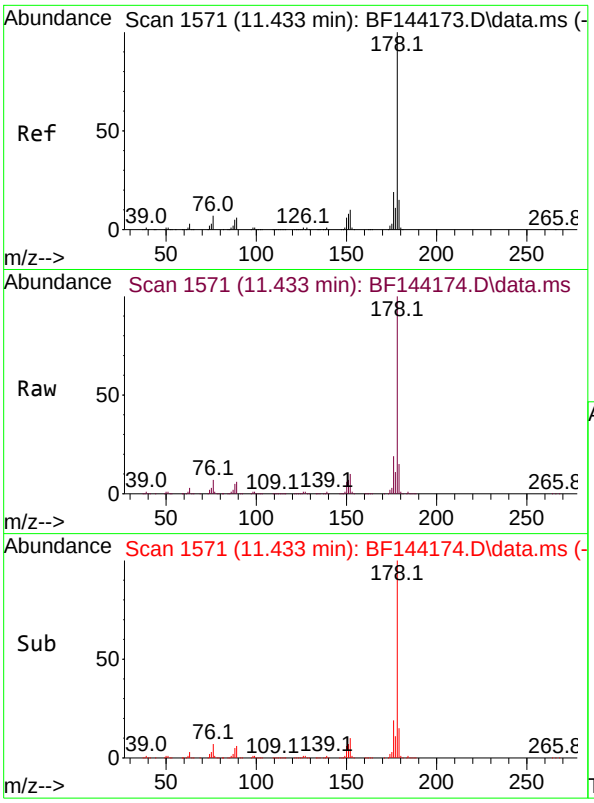




#70
Pentachlorophenol
Concen: 45.622 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:266 Resp: 96941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.8 | 49.5 | 74.3 |
| 264 | 63.7 | 49.4 | 74.2 |



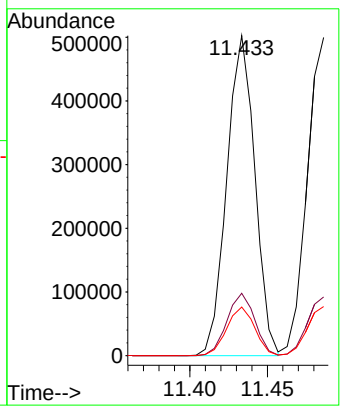


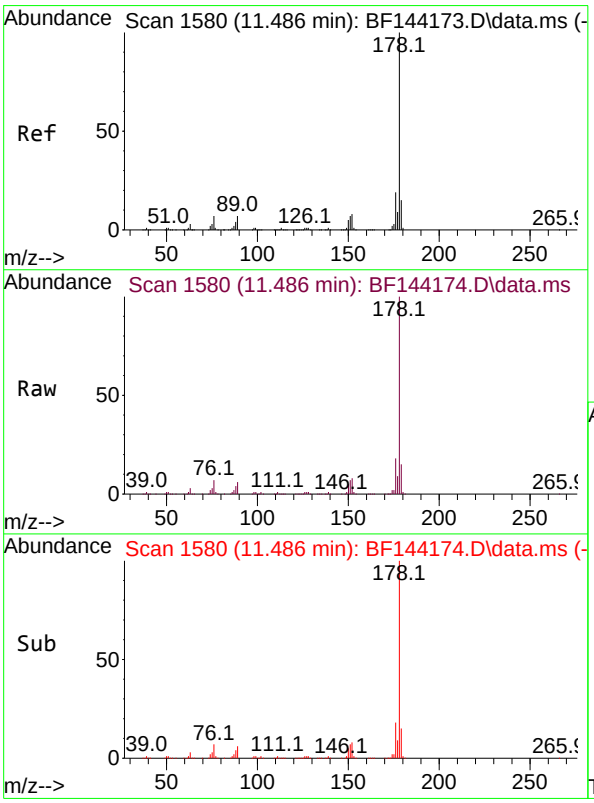

#71
Phenanthrene
Concen: 44.800 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:178 Resp: 633088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.5 | 23.3 |
| 179 | 15.2 | 12.2 | 18.4 |

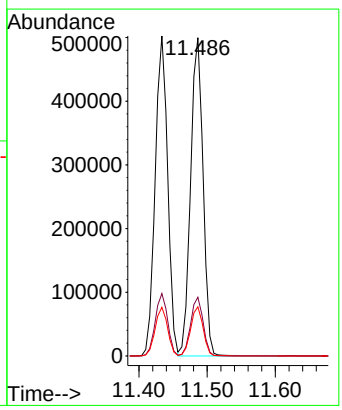


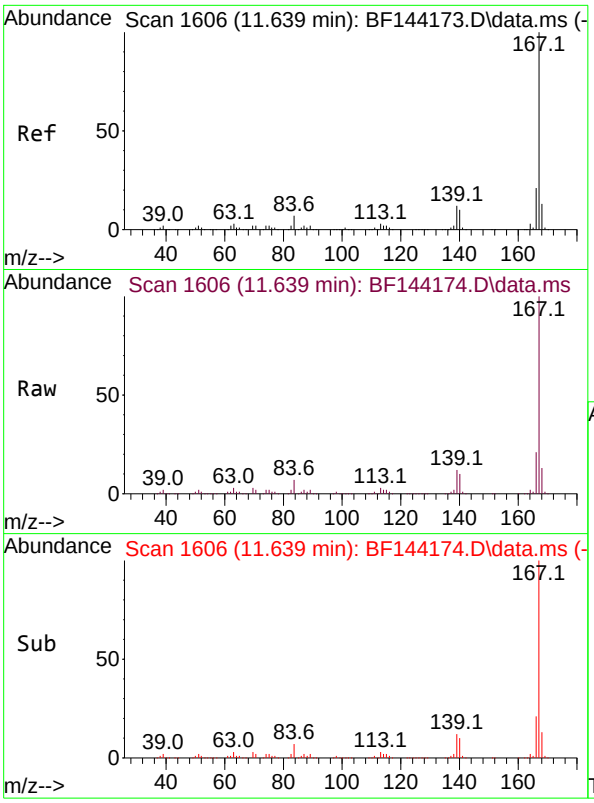




#72
Anthracene
Concen: 44.292 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:178 Resp: 636448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.3 | 22.9 |
| 179 | 15.4 | 12.0 | 18.0 |



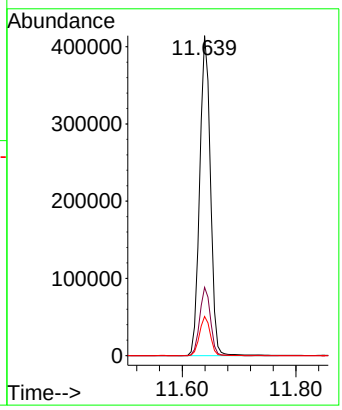


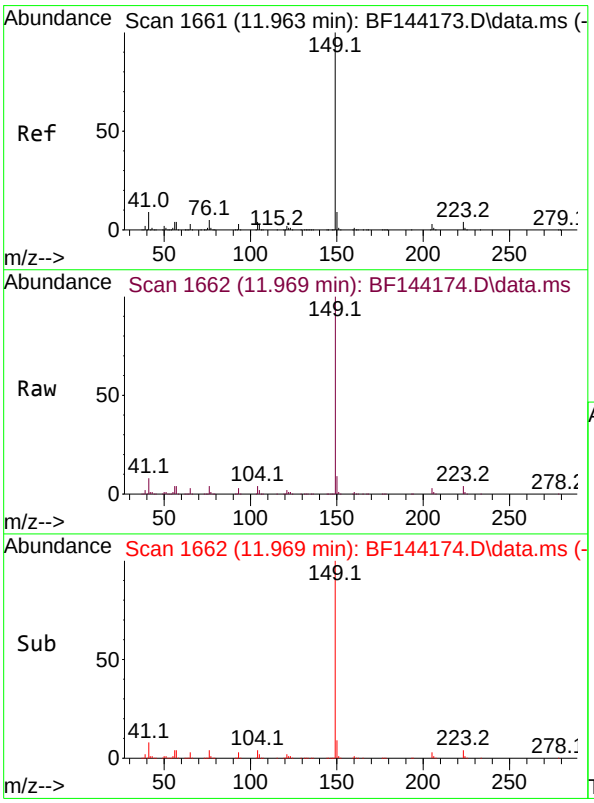

#73
Carbazole
Concen: 44.273 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:167 Resp: 540957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.2 | 25.8 |
| 139 | 12.2 | 9.9 | 14.9 |

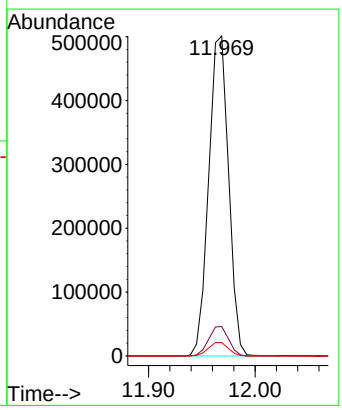


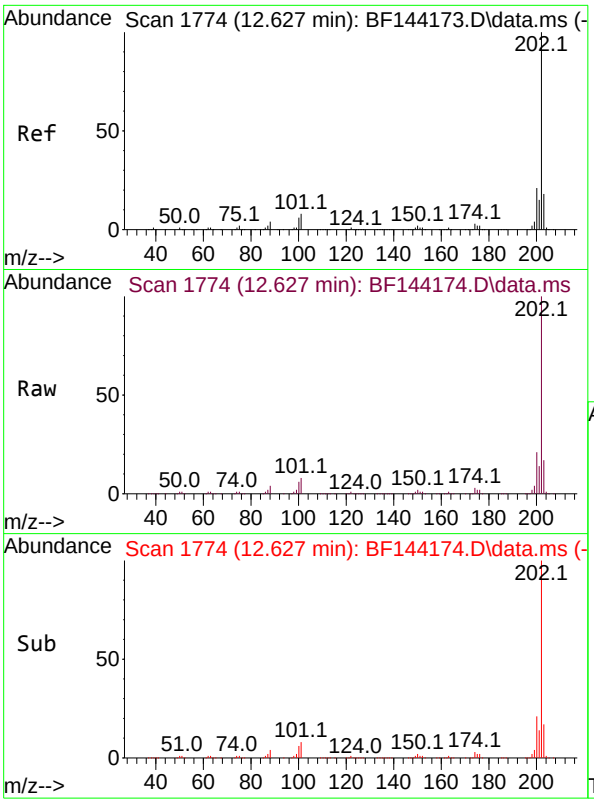




#74
Di-n-butylphthalate
Concen: 44.060 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 650810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.0 |
| 104 | 4.2 | 3.4 | 5.2 |



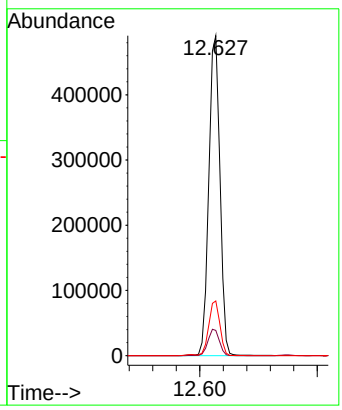


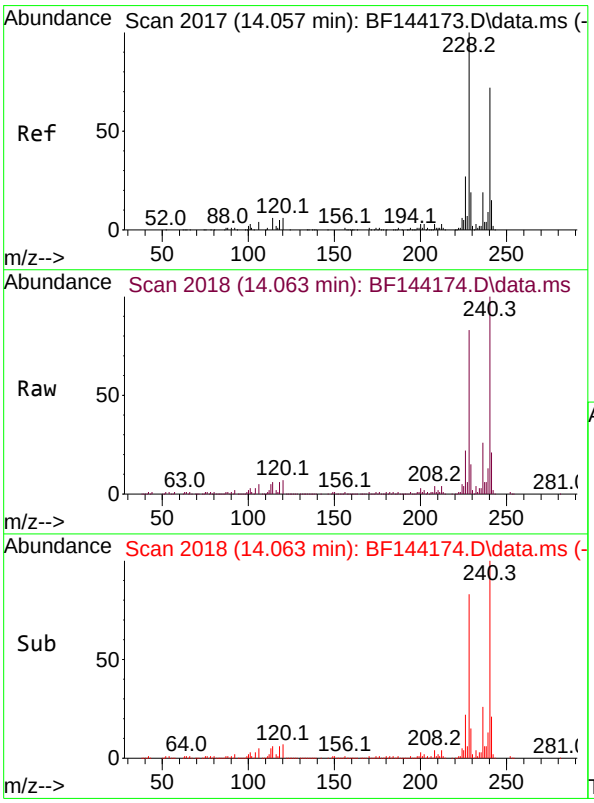

#75
Fluoranthene
Concen: 44.244 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:202 Resp: 645856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.9 | 0.0 | 27.9 |
| 203 | 17.1 | 0.0 | 37.5 |

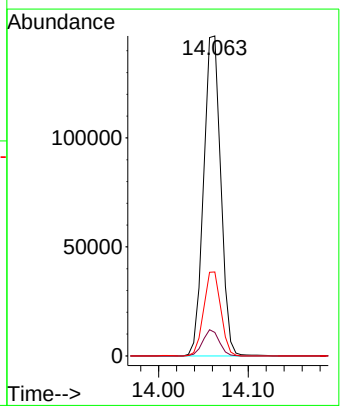


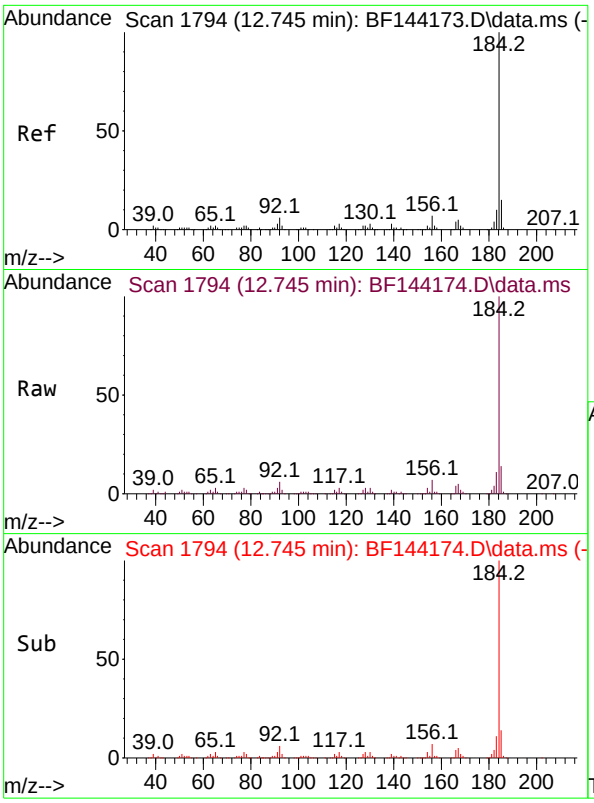




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:240 Resp: 194366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.4 | 6.6 | 10.0 |
| 236 | 26.2 | 21.4 | 32.2 |



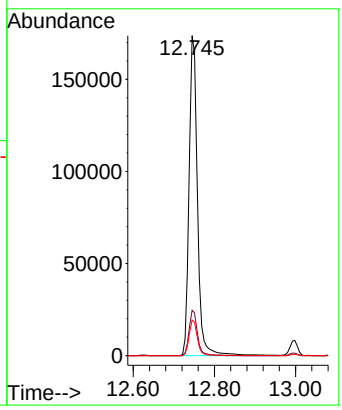


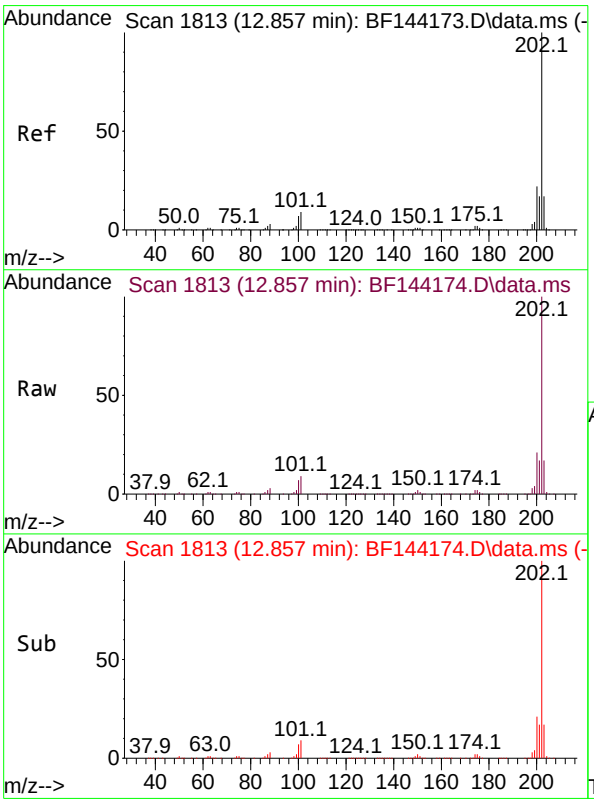

#77
Benzidine
Concen: 43.243 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:184 Resp: 248615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.7 | 17.5 |
| 183 | 11.1 | 8.3 | 12.5 |

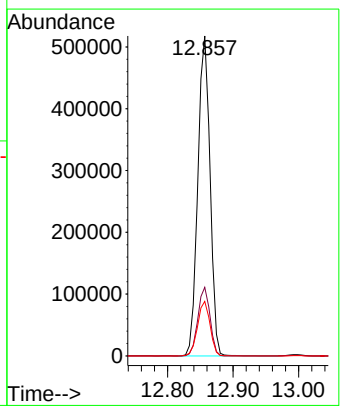


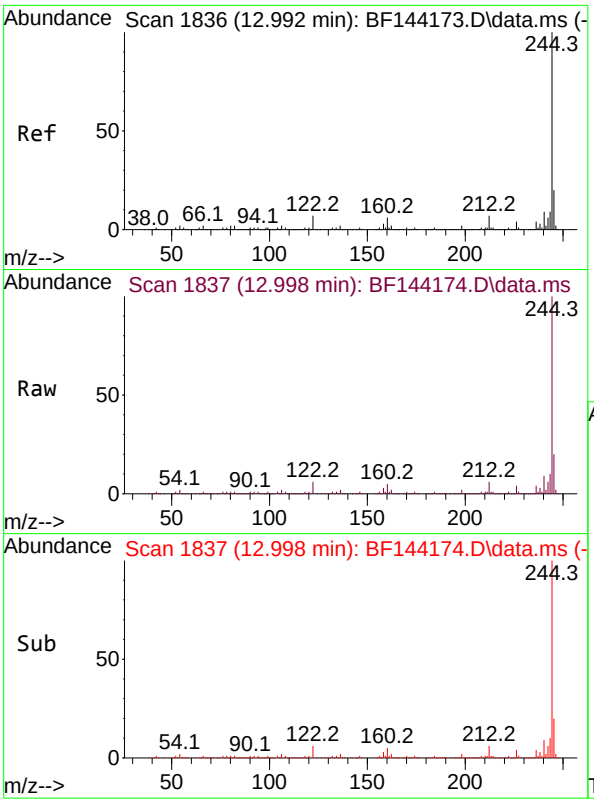




#78
Pyrene
Concen: 42.540 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 666673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.2 | 25.8 |
| 203 | 17.0 | 13.7 | 20.5 |



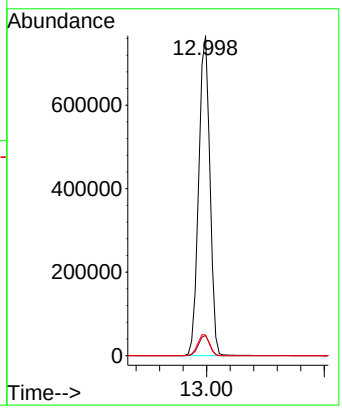


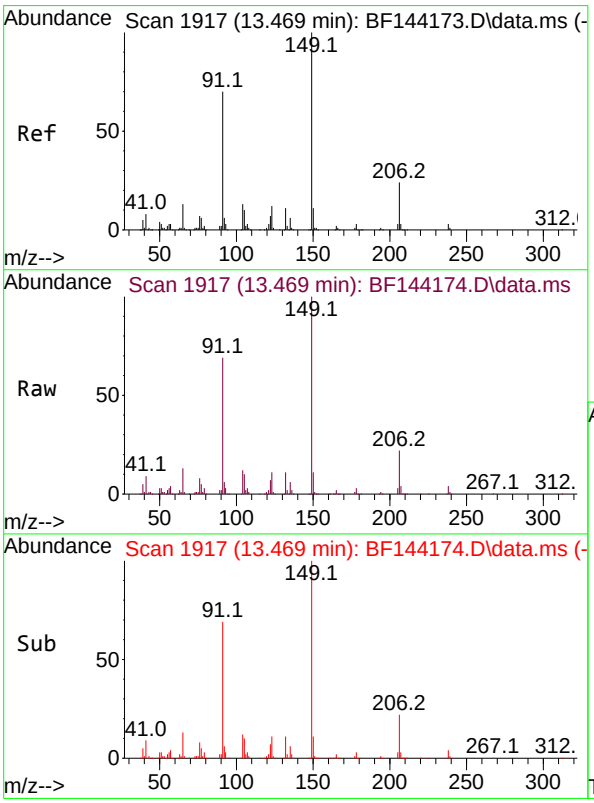

#79
Terphenyl-d14
Concen: 82.754 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:244 Resp: 1012618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.3 | 7.9 |
| 122 | 6.5 | 5.6 | 8.4 |

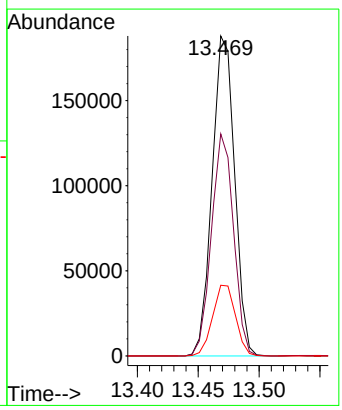


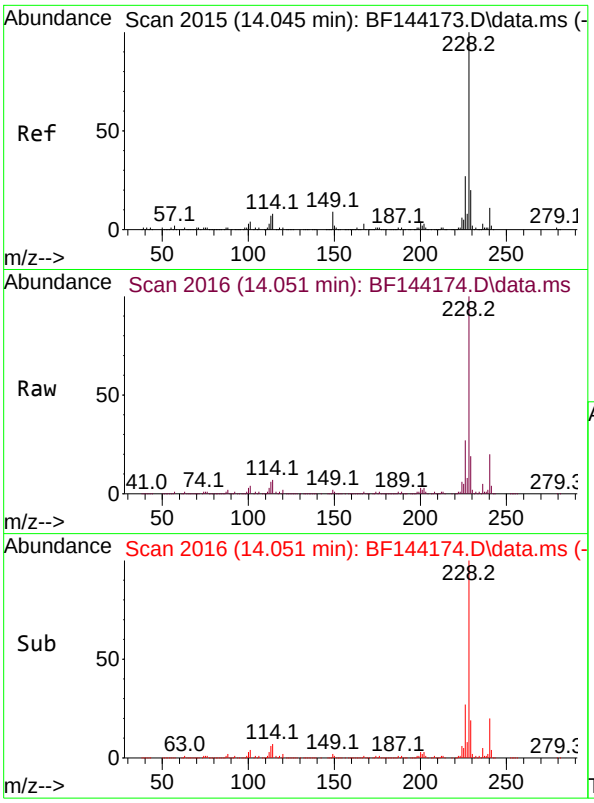




#80
Butylbenzylphthalate
Concen: 44.602 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 242259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.4 | 56.1 | 84.1 |
| 206 | 22.1 | 18.8 | 28.2 |



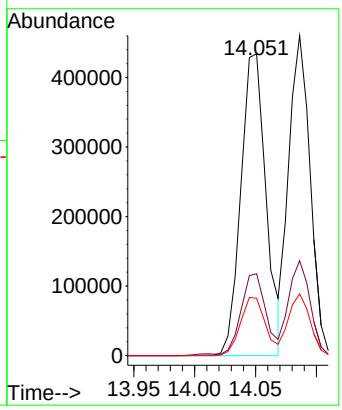


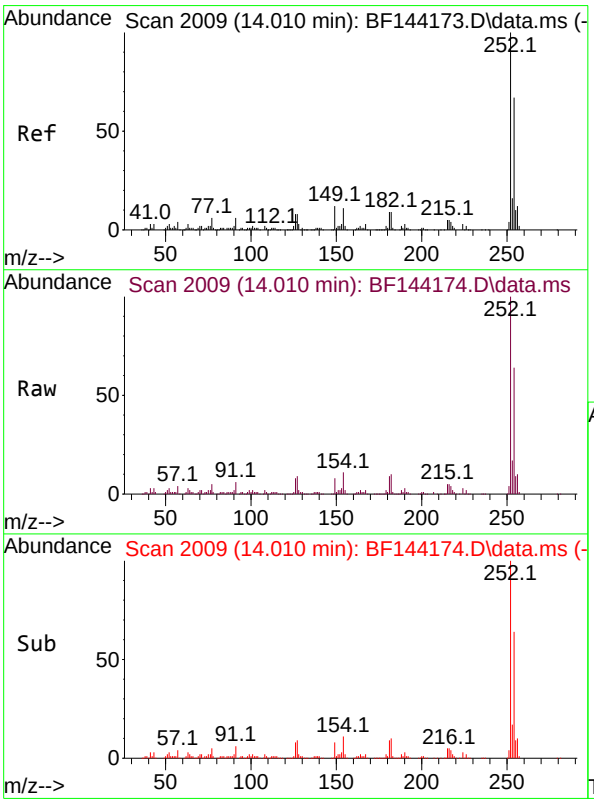

#81
Benzo(a)anthracene
Concen: 46.515 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 626599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.8 | 32.8 |
| 229 | 19.0 | 15.8 | 23.6 |

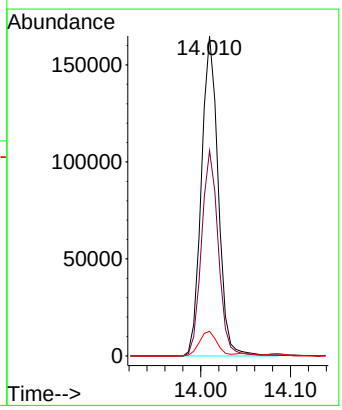


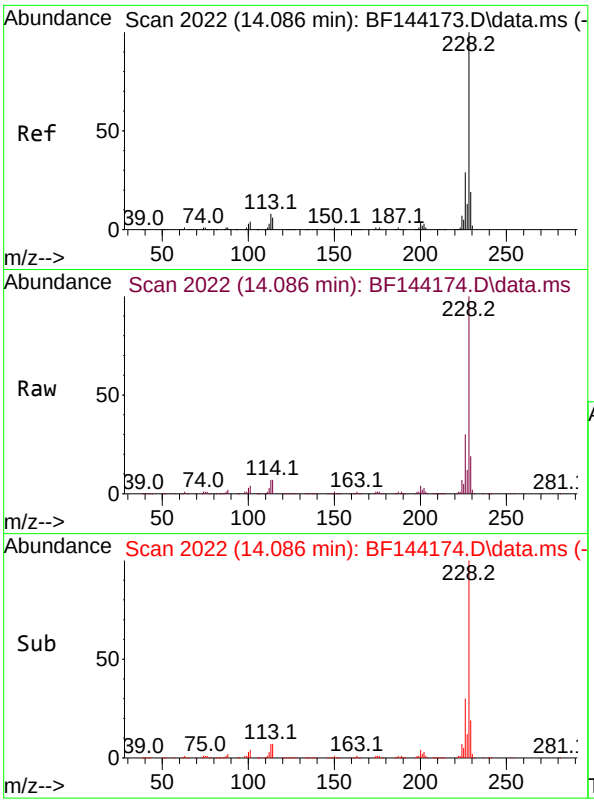




#82
3,3'-Dichlorobenzidine
Concen: 46.440 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 214437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.1 | 53.5 | 80.3 |
| 126 | 7.7 | 6.4 | 9.6 |



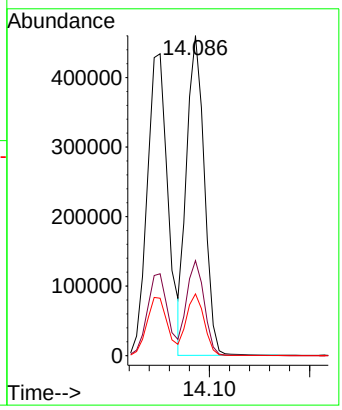


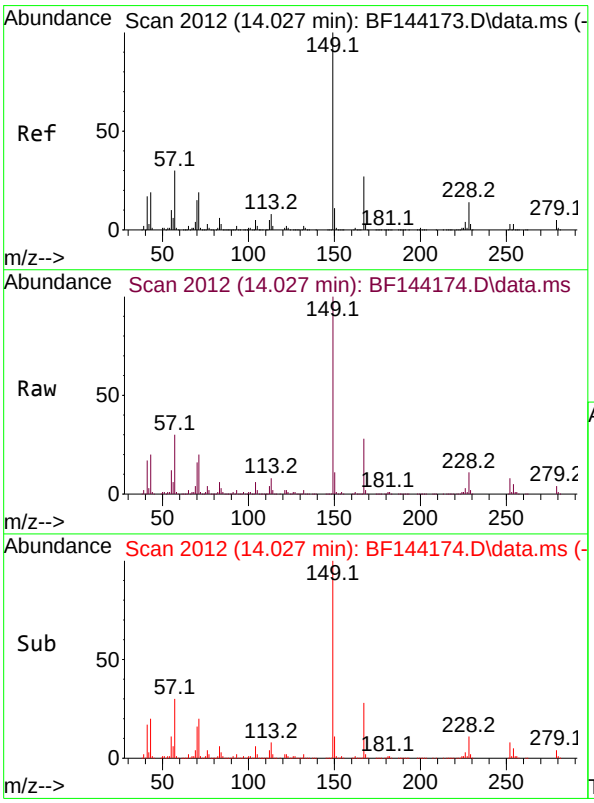

#83
Chrysene
Concen: 45.489 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 565678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 22.9 | 34.3 |
| 229 | 19.3 | 15.0 | 22.6 |

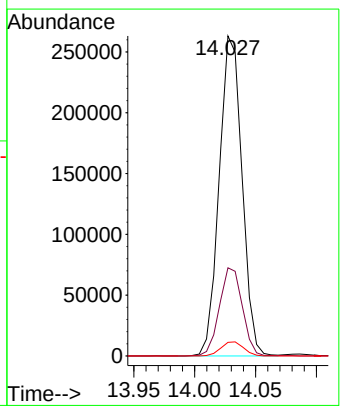


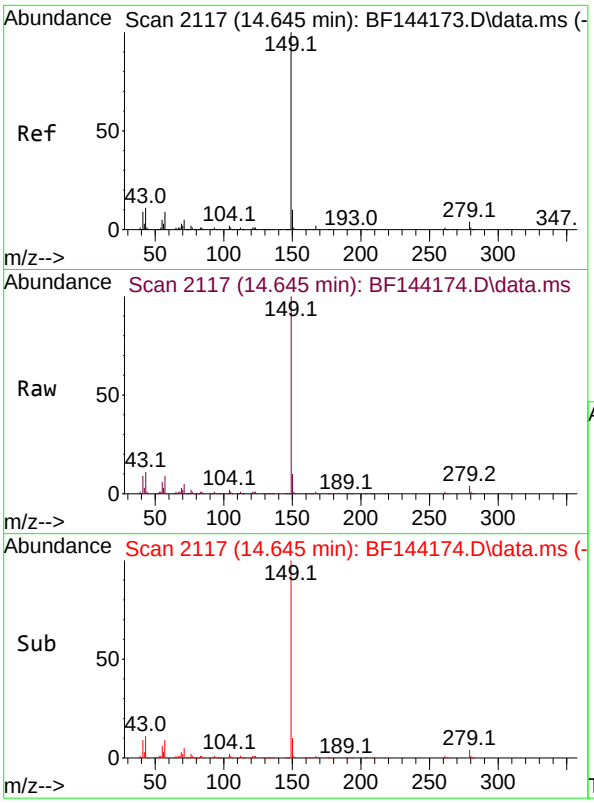




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.061 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 342489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.5 | 21.8 | 32.8 |
| 279 | 4.2 | 3.7 | 5.5 |



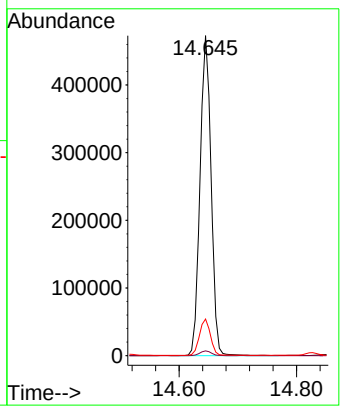


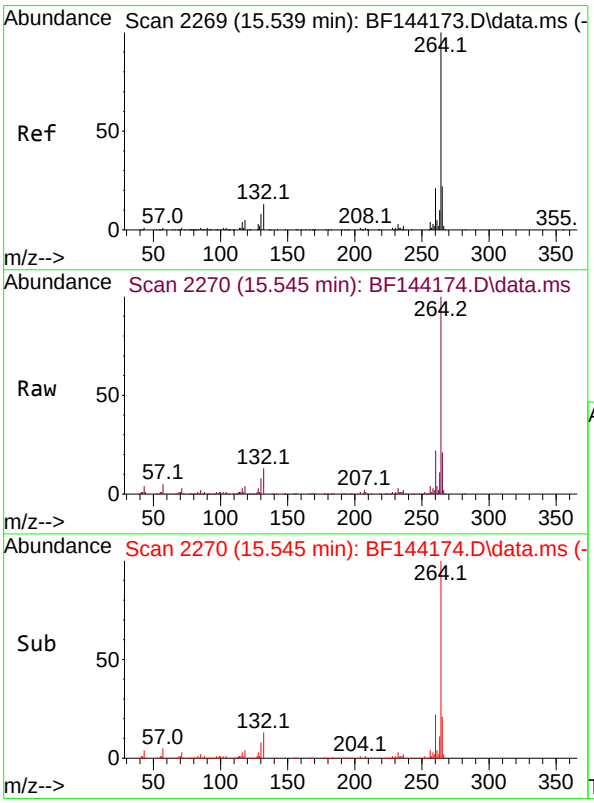

#85
Di-n-octyl phthalate
Concen: 48.068 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:149 Resp: 616644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 11.4 | 9.0 | 13.4 |

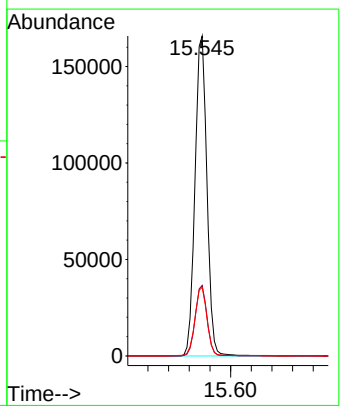


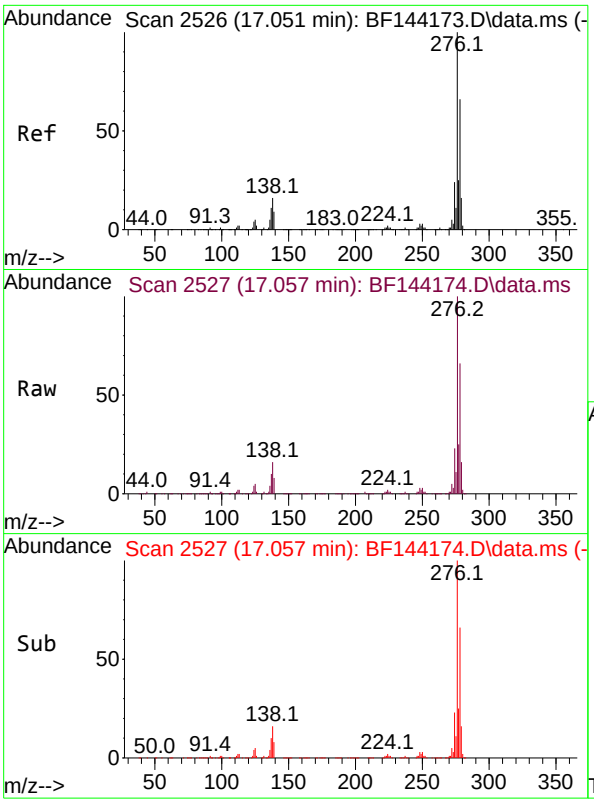




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:264 Resp: 264861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.0 | 17.1 | 25.7 |
| 265 | 21.5 | 17.4 | 26.0 |



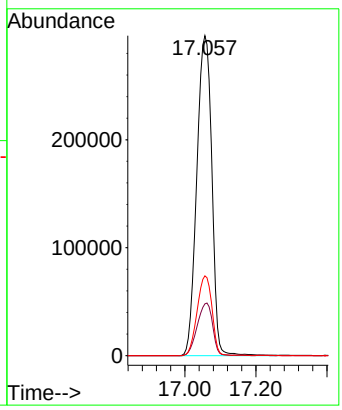


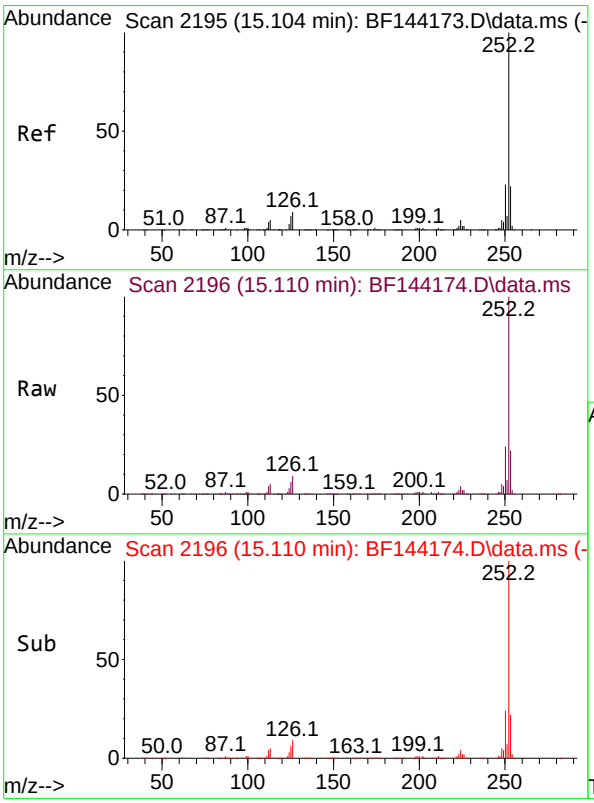

#87
Indeno(1,2,3-cd)pyrene
Concen: 45.642 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:276 Resp: 867786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.7 | 13.9 | 20.9 |
| 277 | 24.5 | 19.8 | 29.6 |

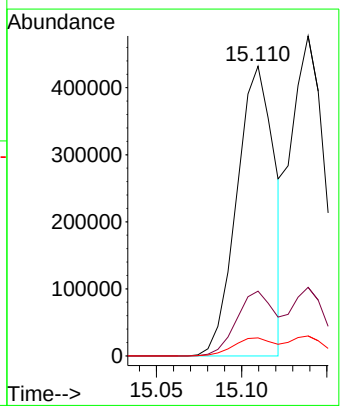


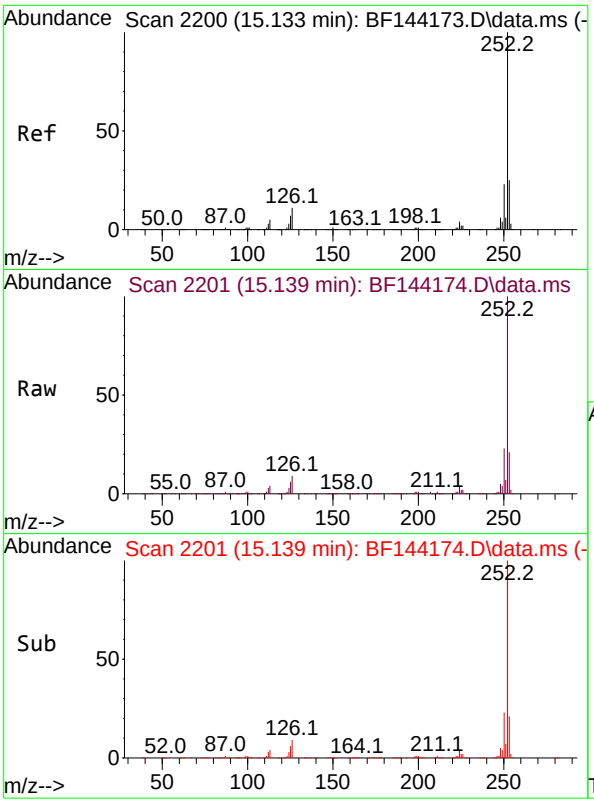




#88
Benzo(b)fluoranthene
Concen: 44.079 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 663728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 6.2 | 5.3 | 7.9 |



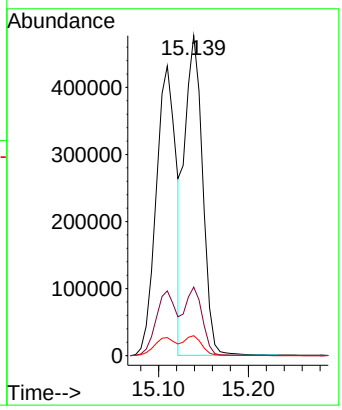


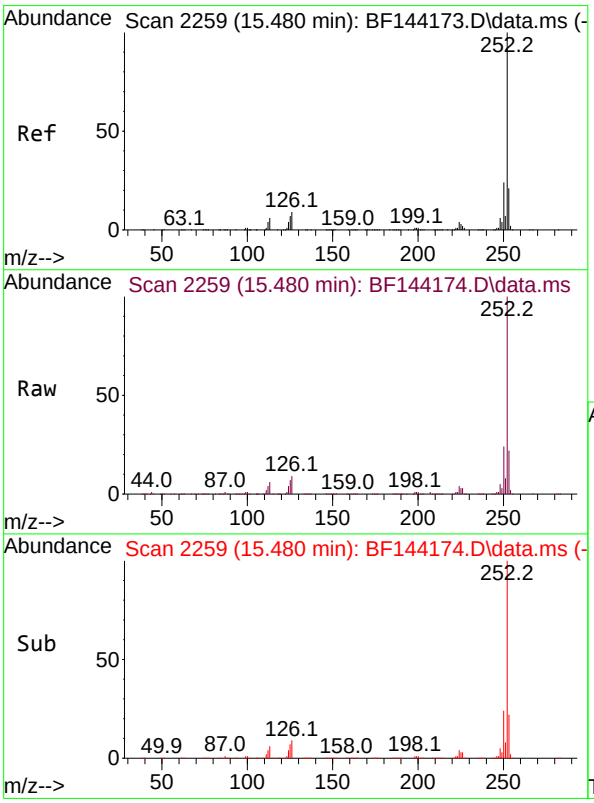

#89
Benzo(k)fluoranthene
Concen: 46.952 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:252 Resp: 661746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 18.0 | 27.0 |
| 125 | 6.2 | 5.4 | 8.2 |

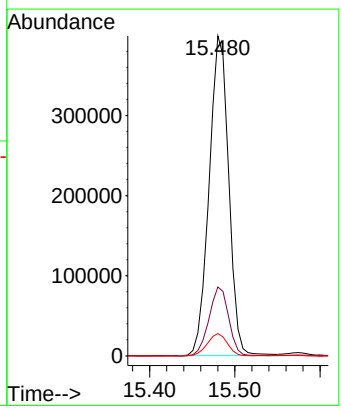


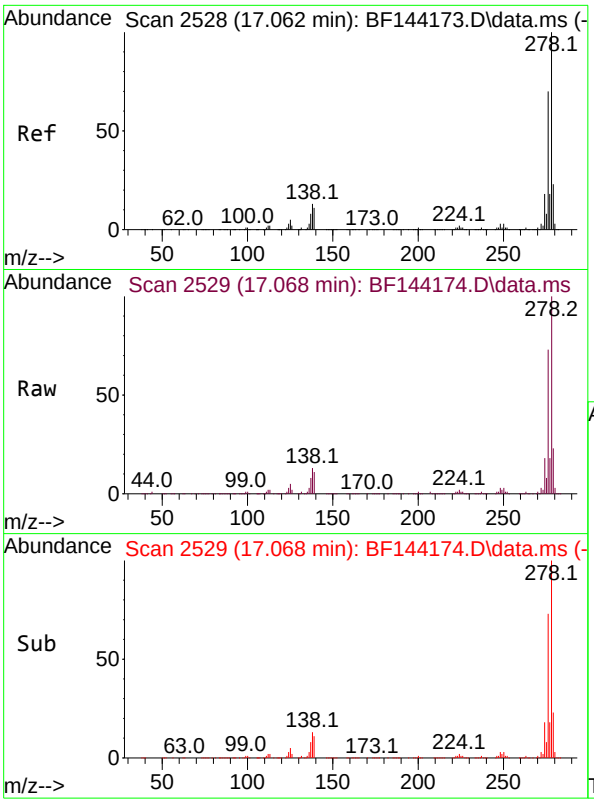




#90
Benzo(a)pyrene
Concen: 45.882 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 637370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 16.7 | 25.1 |
| 125 | 7.0 | 5.7 | 8.5 |



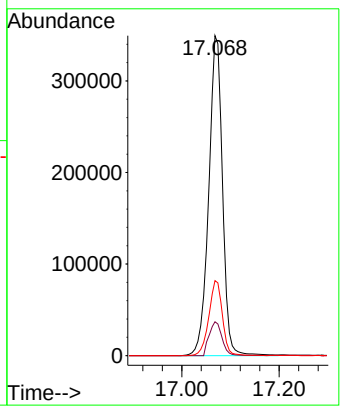


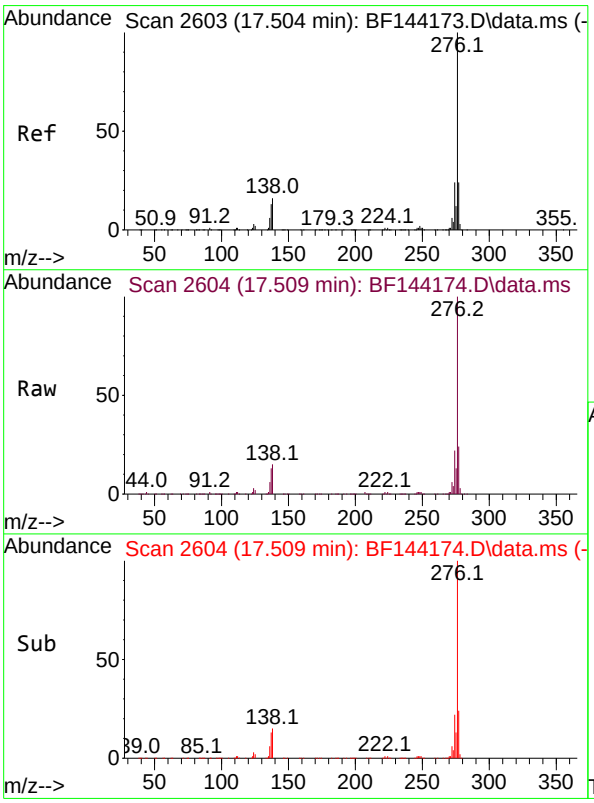

#91
Dibenzo(a,h)anthracene
Concen: 45.098 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:278 Resp: 688620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.6 | 9.1 | 13.7 |
| 279 | 23.4 | 18.2 | 27.4 |

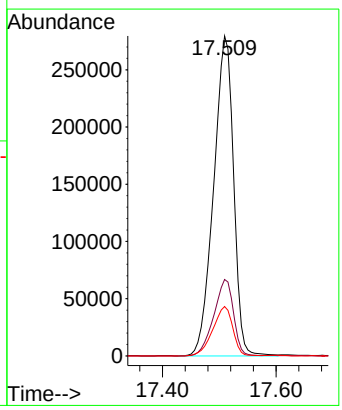



#92
Benzo(g,h,i)perylene
Concen: 45.152 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:276 Resp: 680830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.0 | 28.4 |
| 138 | 15.4 | 12.9 | 19.3 |



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 63801 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 239743 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 126385 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 213136 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 145867 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 205758 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.492 | 112 | 509184 | 124.890 | ng | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 559443 | 121.101 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.439 | 82 | 519687 | 125.195 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 198226 | 124.986 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.233 | 172 | 1047440 | 122.404 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1057426 | 115.147 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.604 | 88 | 109742 | 65.106 | ng | 99 |
| 3) Pyridine | 3.375 | 79 | 307664 | 65.424 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.334 | 42 | 166098 | 67.619 | ng | 97 |
| 6) Aniline | 6.539 | 93 | 409356 | 62.194 | ng | 99 |
| 8) 2-Chlorophenol | 6.663 | 128 | 247503 | 61.902 | ng | 99 |
| 9) Benzaldehyde | 6.428 | 77 | 150534 | 57.706 | ng | 98 |
| 10) Phenol | 6.522 | 94 | 342646 | 60.707 | ng | 90 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 256657 | 62.405 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 303642 | 61.543 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.892 | 146 | 306973 | 62.104 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 293432 | 61.936 | ng | 99 |
| 15) Benzyl Alcohol | 7.016 | 79 | 229107 | 62.632 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 467387 | 61.712 | ng | 96 |
| 17) 2-Methylphenol | 7.128 | 107 | 191705 | 60.269 | ng | 96 |
| 18) Hexachloroethane | 7.386 | 117 | 103964 | 63.308 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 179314 | 58.963 | ng | 96 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 224891 | 59.977 | ng | 91 |
| 22) Acetophenone | 7.286 | 105 | 302907 | 58.897 | ng | 94 |
| 24) Nitrobenzene | 7.463 | 77 | 285924 | 63.439 | ng | 98 |
| 25) Isophorone | 7.698 | 82 | 485836 | 61.876 | ng | 99 |
| 26) 2-Nitrophenol | 7.775 | 139 | 144140 | 64.606 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 212249 | 63.471 | ng | 95 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 304411 | 62.085 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 234718 | 60.899 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 240858 | 60.858 | ng | 98 |
| 31) Naphthalene | 8.181 | 128 | 684579 | 60.028 | ng | 100 |
| 32) Benzoic acid | 7.933 | 122 | 136682 | 55.761 | ng | 96 |
| 33) 4-Chloroaniline | 8.228 | 127 | 255554 | 61.441 | ng | 98 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 182626 | 61.229 | ng | 98 |
| 35) Caprolactam | 8.610 | 113 | 62840 | 59.512 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 208910 | 60.481 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 447909 | 58.743 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 431529 | 58.654 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 271508 | 65.549 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 95909 | 64.419 | ng | 96 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 185412 | 65.769 | ng | 98 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 190324 | 62.639 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 549700 | 62.310 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 474514 | 63.056 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 141938 | 65.370 | ng | 98 |
| 49) Acenaphthylene | 9.775 | 152 | 636324 | 62.050 | ng | 100 |
| 50) Dimethylphthalate | 9.633 | 163 | 521205 | 62.250 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 110140 | 64.983 | ng | 99 |
| 52) Acenaphthene | 9.951 | 154 | 423653 | 61.778 | ng | 99 |
| 53) 3-Nitroaniline | 9.869 | 138 | 119967 | 64.749 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 63597 | 62.138 | ng | 98 |
| 55) Dibenzofuran | 10.122 | 168 | 592400 | 61.680 | ng | 98 |
| 56) 4-Nitrophenol | 10.033 | 139 | 80163 | 59.812 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 142910 | 62.984 | ng | 97 |
| 58) Fluorene | 10.469 | 166 | 435687 | 59.664 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 140953 | 65.569 | ng | 97 |
| 60) Diethylphthalate | 10.333 | 149 | 468931 | 60.755 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 249857 | 60.068 | ng | 97 |
| 62) 4-Nitroaniline | 10.486 | 138 | 109153 | 61.862 | ng | 97 |
| 63) Azobenzene | 10.616 | 77 | 453890 | 63.187 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 90823 | 62.727 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.574 | 169 | 421720 | 61.520 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 170395 | 62.634 | ng | 99 |
| 68) Hexachlorobenzene | 11.016 | 284 | 204258 | 63.744 | ng | 96 |
| 69) Atrazine | 11.104 | 200 | 134002 | 61.467 | ng | 100 |
| 70) Pentachlorophenol | 11.216 | 266 | 103466 | 64.842 | ng | 99 |
| 71) Phenanthrene | 11.433 | 178 | 641461 | 60.448 | ng | 99 |
| 72) Anthracene | 11.486 | 178 | 656819 | 60.871 | ng | 100 |
| 73) Carbazole | 11.639 | 167 | 546322 | 59.542 | ng | 100 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 677444 | 61.075 | ng | 99 |
| 75) Fluoranthene | 12.627 | 202 | 667021 | 60.849 | ng | 99 |
| 77) Benzidine | 12.745 | 184 | 277725 | 64.368 | ng | 100 |
| 78) Pyrene | 12.857 | 202 | 686663 | 58.384 | ng | 100 |
| 80) Butylbenzylphthalate | 13.468 | 149 | 249274 | 61.152 | ng | 100 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 653341 | 64.625 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 232807 | 67.182 | ng | 96 |
| 83) Chrysene | 14.086 | 228 | 580449 | 62.196 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 351501 | 62.991 | ng | 98 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 631065 | 65.547 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.056 | 276 | 938738 | 63.557 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.109 | 252 | 700099 | 59.849 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 699851 | 63.919 | ng | 98 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 680720 | 63.078 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.074 | 278 | 746544 | 62.936 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.515 | 276 | 757880 | 64.699 | ng | 98 |

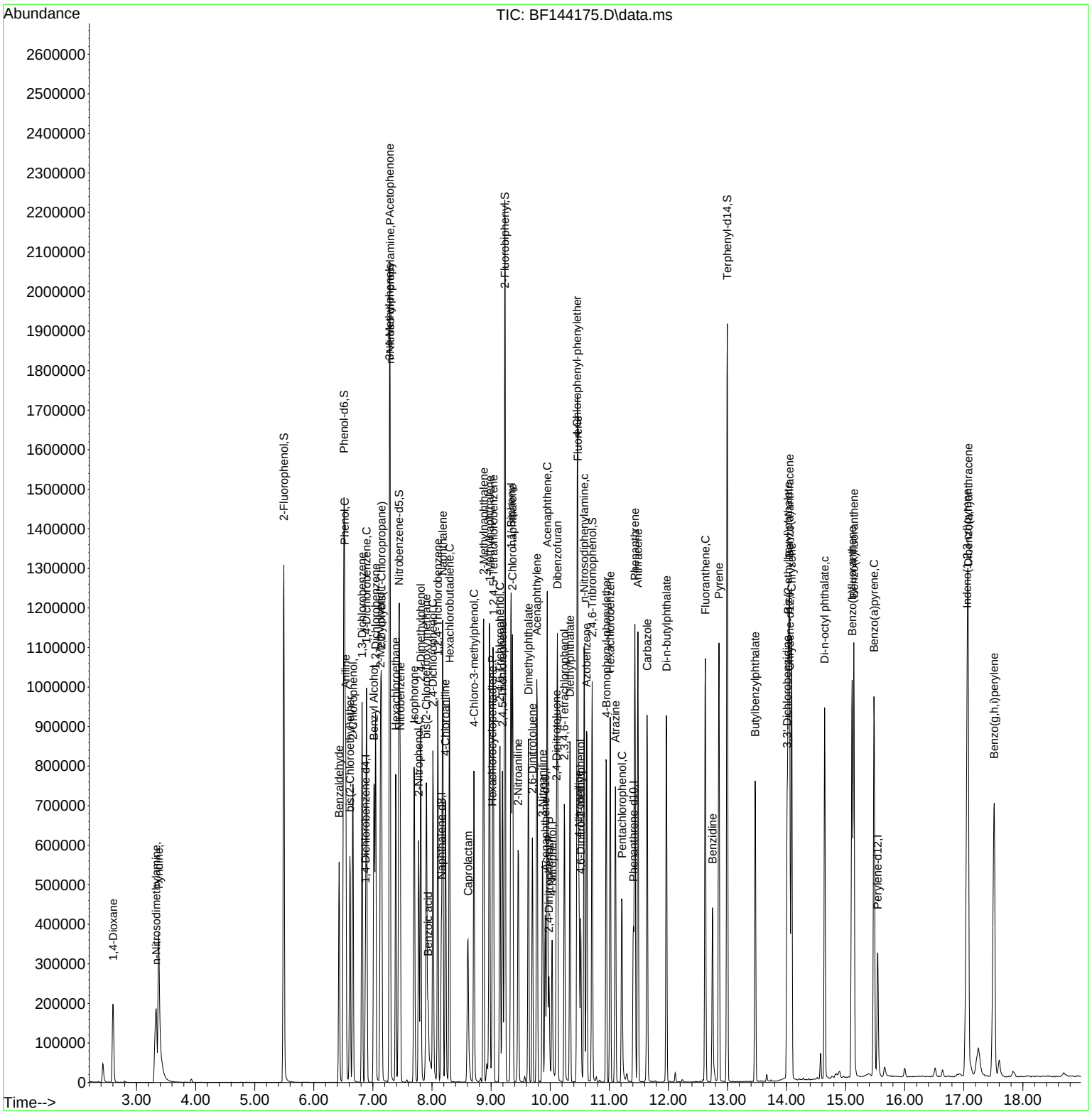
(#) = qualifier out of range (m) = manual integration (+) = signals summed

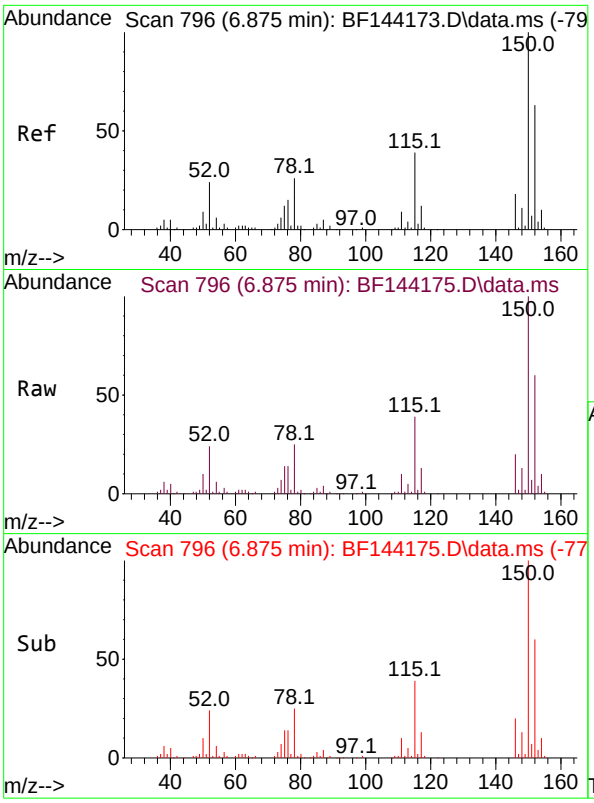
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



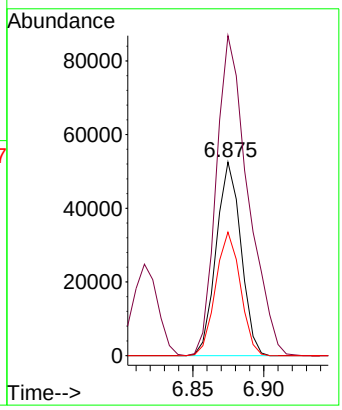


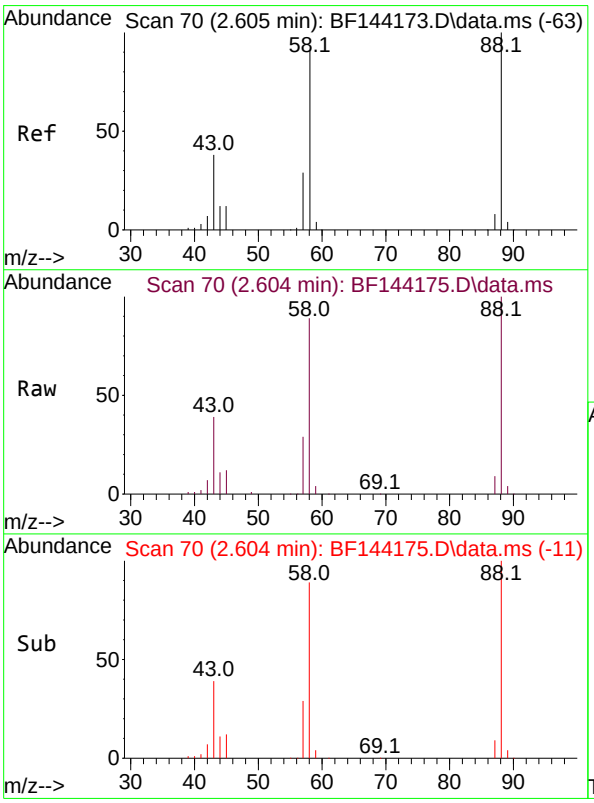

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:152 Resp: 63801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 165.3 | 127.4 | 191.0 |
| 115 | 63.8 | 49.5 | 74.3 |

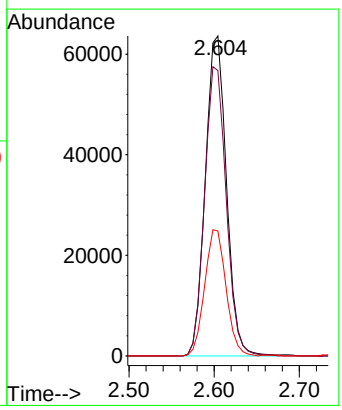


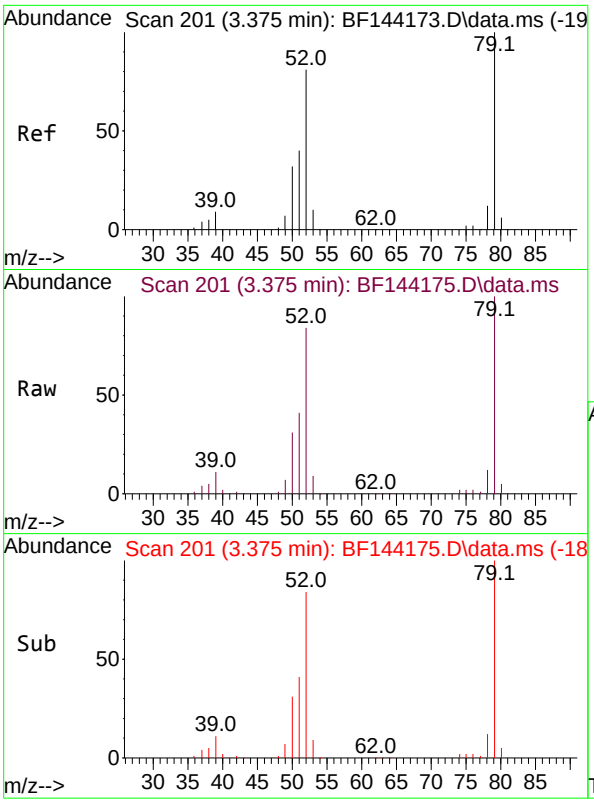




#2
1,4-Dioxane
Concen: 65.106 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 88 Resp: 109742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 92.2 | 73.1 | 109.7 |
| 43 | 39.9 | 31.0 | 46.6 |



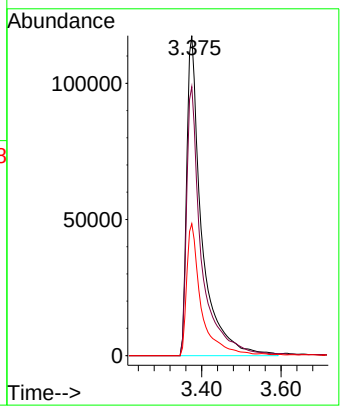


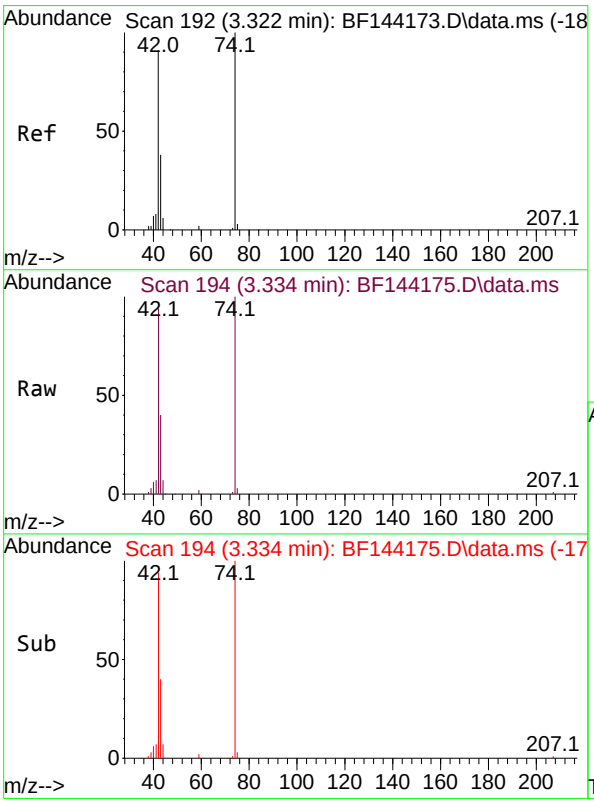

#3
Pyridine
Concen: 65.424 ng
RT: 3.375 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 79 Resp: 307664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 84.0 | 64.5 | 96.7 |
| 51 | 41.2 | 31.7 | 47.5 |

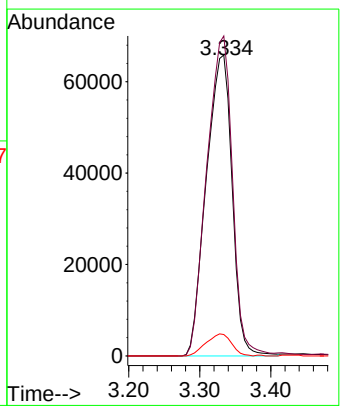


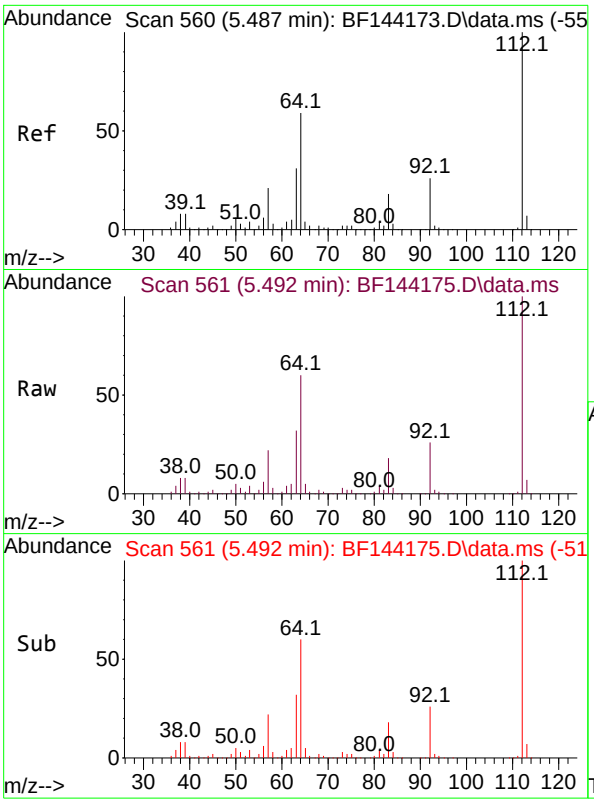




#4
n-Nitrosodimethylamine
Concen: 67.619 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 42 Resp: 166098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 106.4 | 88.2 | 132.4 |
| 44 | 7.1 | 5.7 | 8.5 |



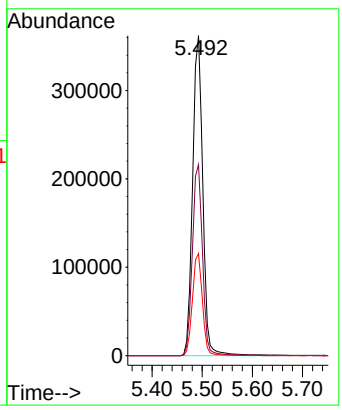


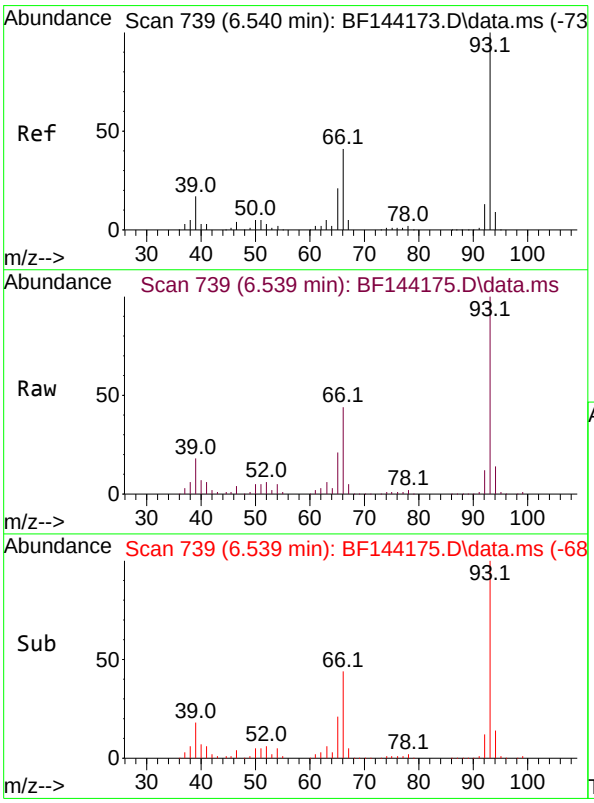

#5
2-Fluorophenol
Concen: 124.890 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:112 Resp: 509184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.7 | 47.2 | 70.8 |
| 63 | 31.9 | 24.4 | 36.6 |

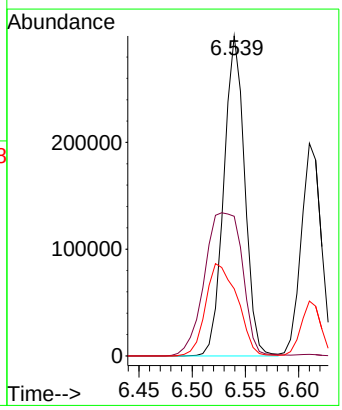


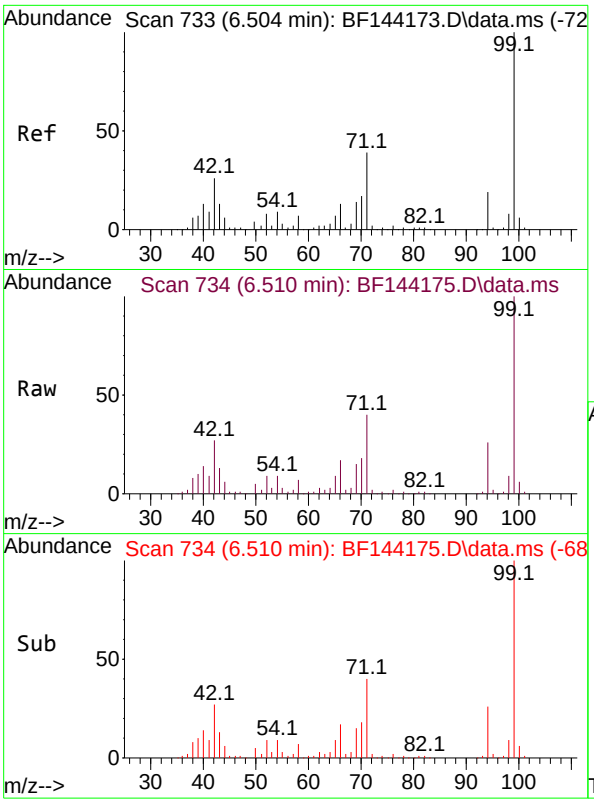




#6
Aniline
Concen: 62.194 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 409356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.6 | 34.3 | 51.5 |
| 65 | 21.0 | 16.9 | 25.3 |



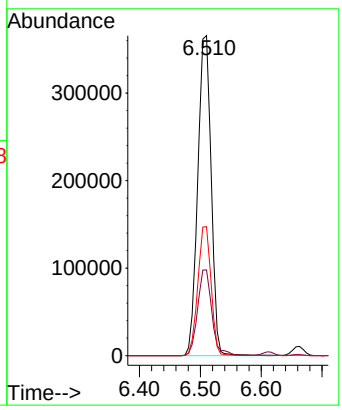


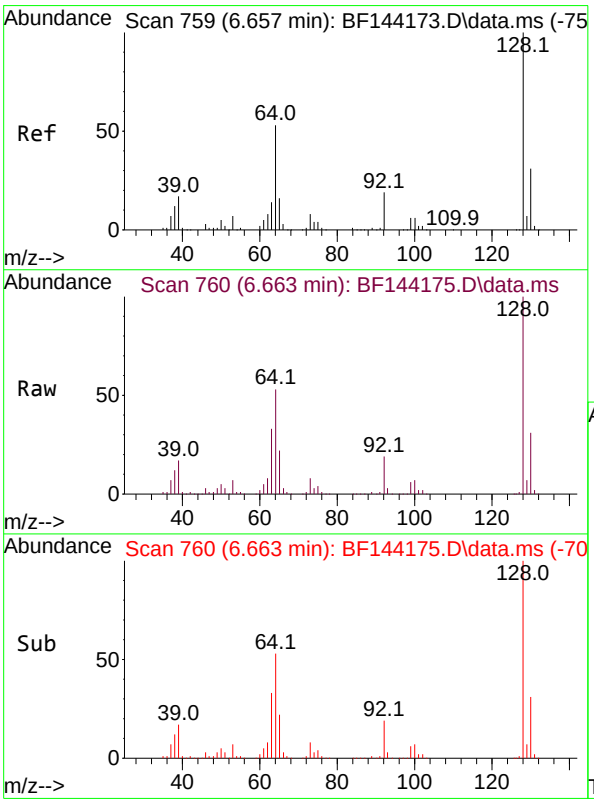

#7
Phenol-d6
Concen: 121.101 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 99 Resp: 559443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 26.8 | 20.9 | 31.3 |
| 71 | 40.3 | 31.4 | 47.2 |

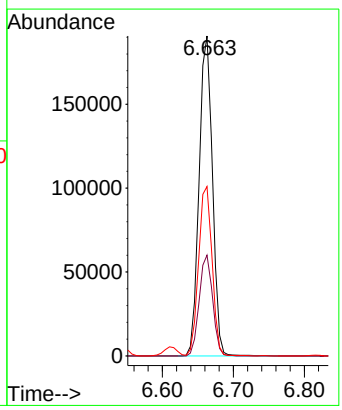


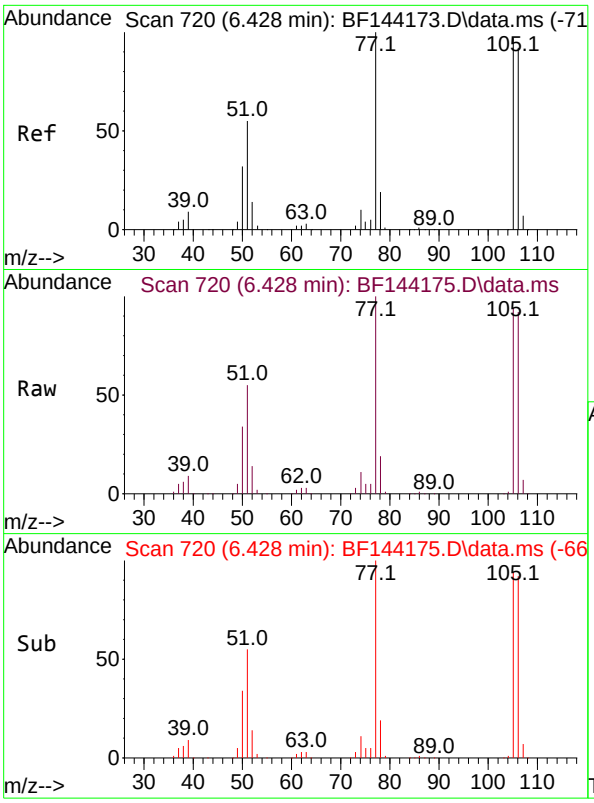




#8
2-Chlorophenol
Concen: 61.902 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:128 Resp: 247503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.5 | 10.5 | 50.5 |
| 64 | 52.9 | 33.2 | 73.2 |



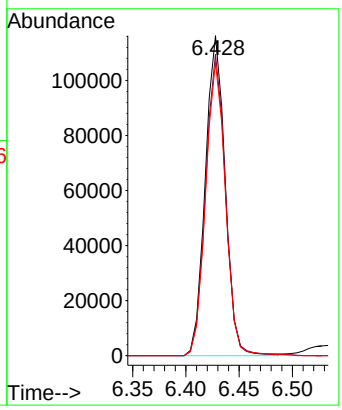


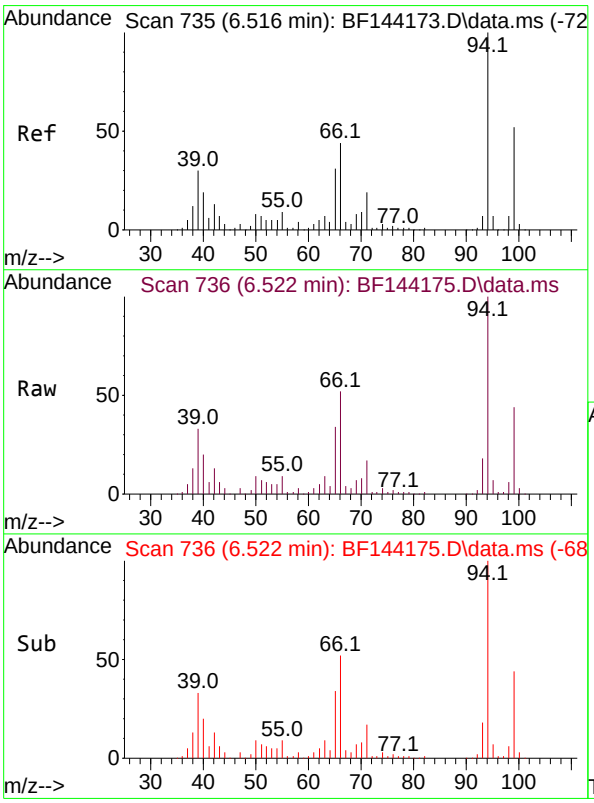

#9
Benzaldehyde
Concen: 57.706 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 77 Resp: 150534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.2 | 77.2 | 117.2 |
| 106 | 91.6 | 72.2 | 112.2 |

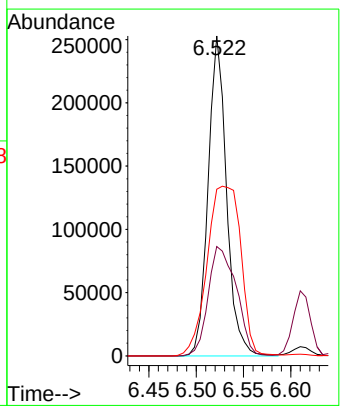


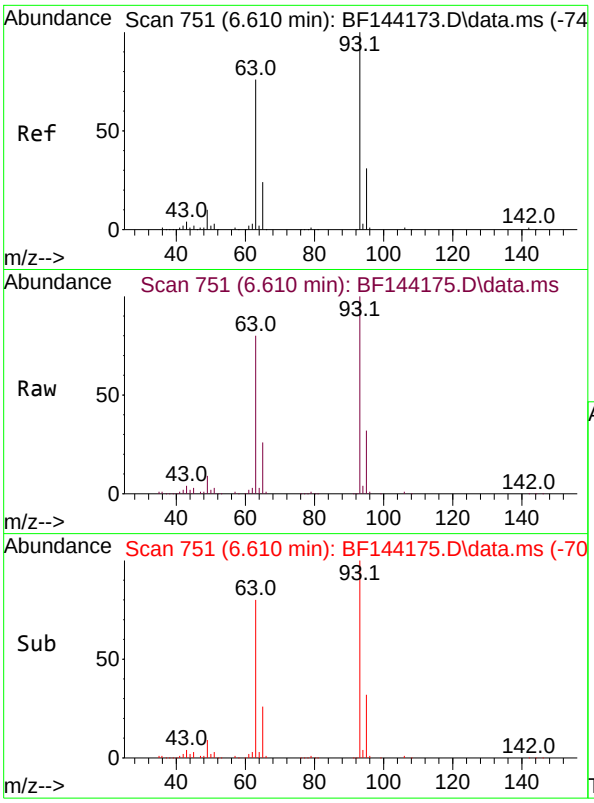




#10
Phenol
Concen: 60.707 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 94 Resp: 342646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.2 | 10.8 | 50.8 |
| 66 | 52.1 | 24.3 | 64.3 |



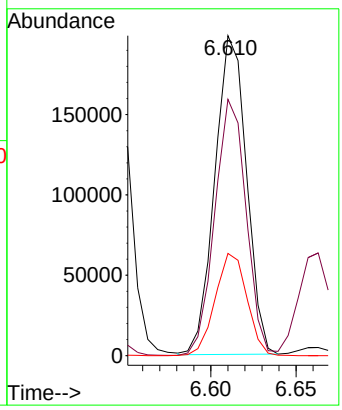


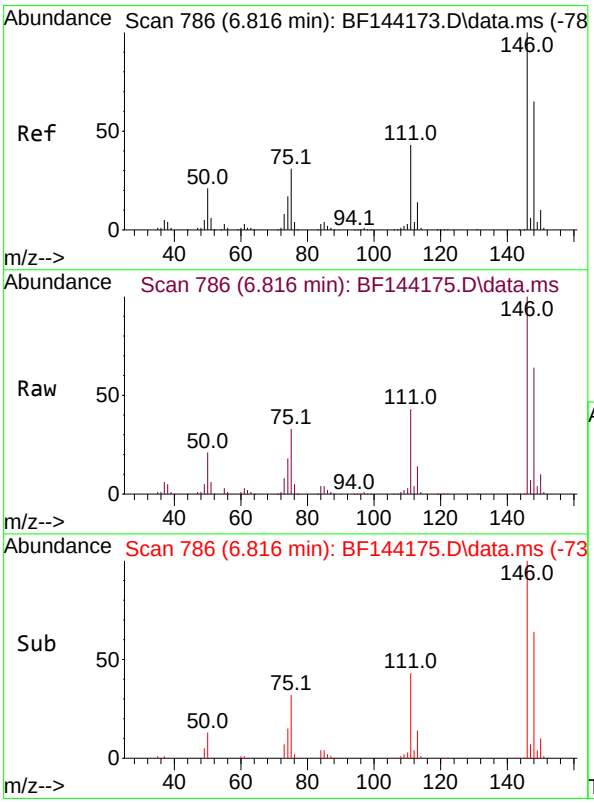

#11
bis(2-Chloroethyl)ether
Concen: 62.405 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 93 Resp: 256657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.1 | 55.2 | 95.2 |
| 95 | 31.9 | 11.2 | 51.2 |

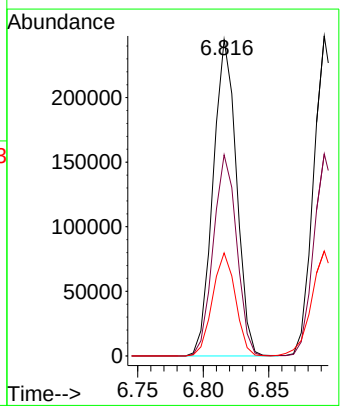


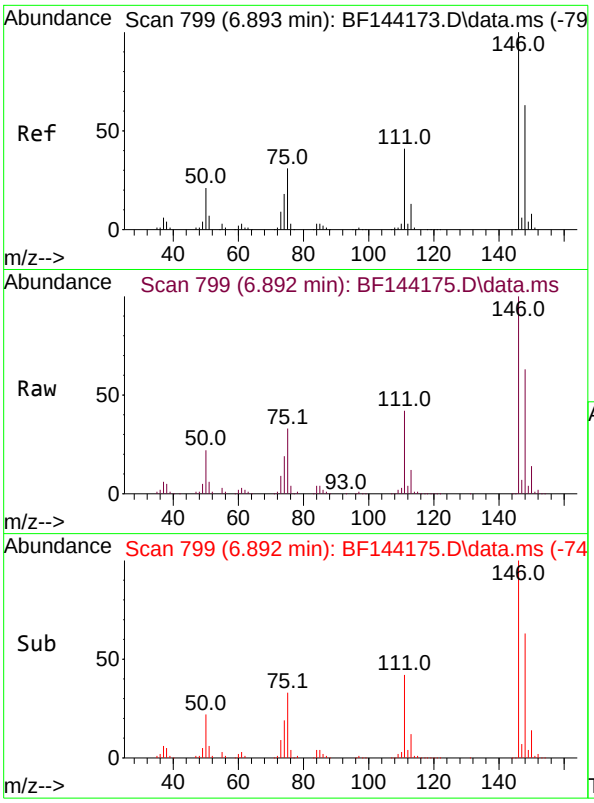




#12
1,3-Dichlorobenzene
Concen: 61.543 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:146 Resp: 303642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.8 | 77.8 |
| 75 | 32.6 | 25.0 | 37.4 |



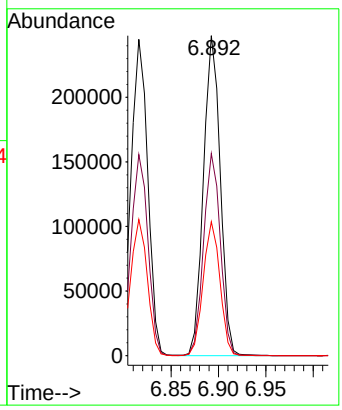


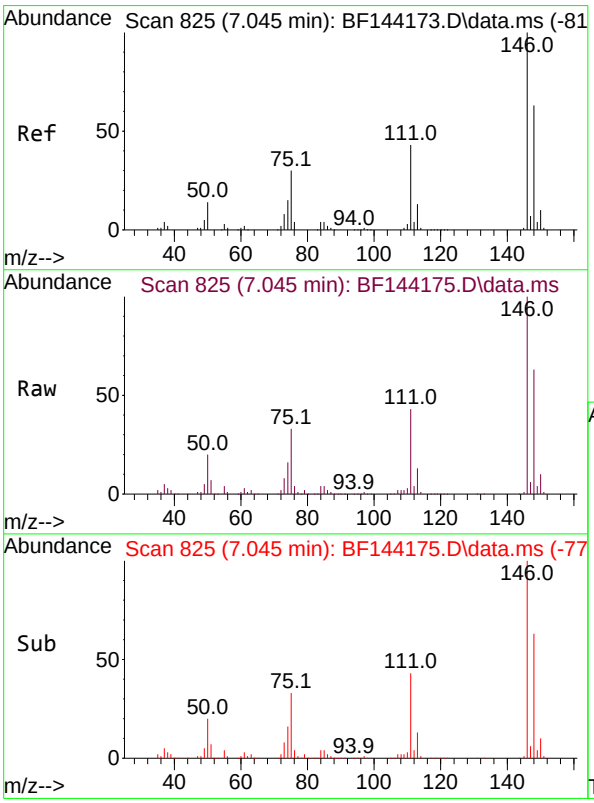

#13
1,4-Dichlorobenzene
Concen: 62.104 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:146 Resp: 306973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 50.2 | 75.2 |
| 111 | 41.8 | 32.6 | 48.8 |

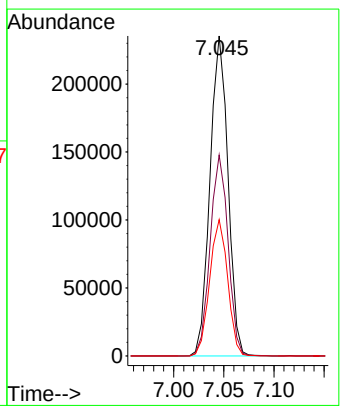


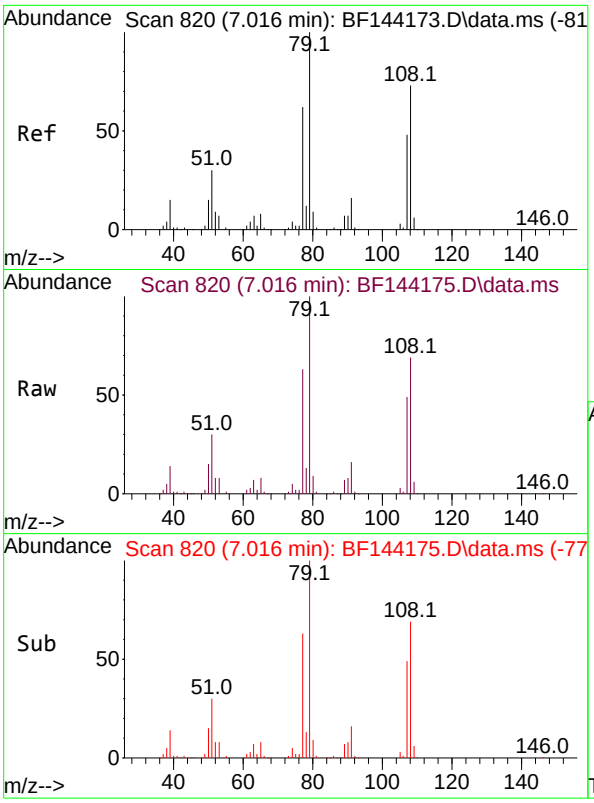




#14
1,2-Dichlorobenzene
Concen: 61.936 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:146 Resp: 293432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 50.7 | 76.1 |
| 111 | 42.6 | 34.2 | 51.4 |



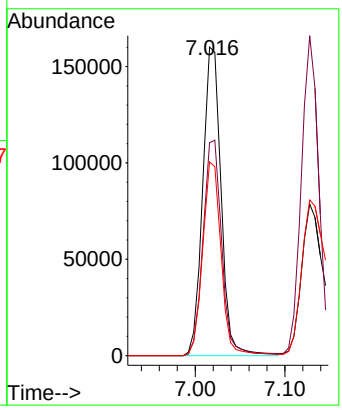


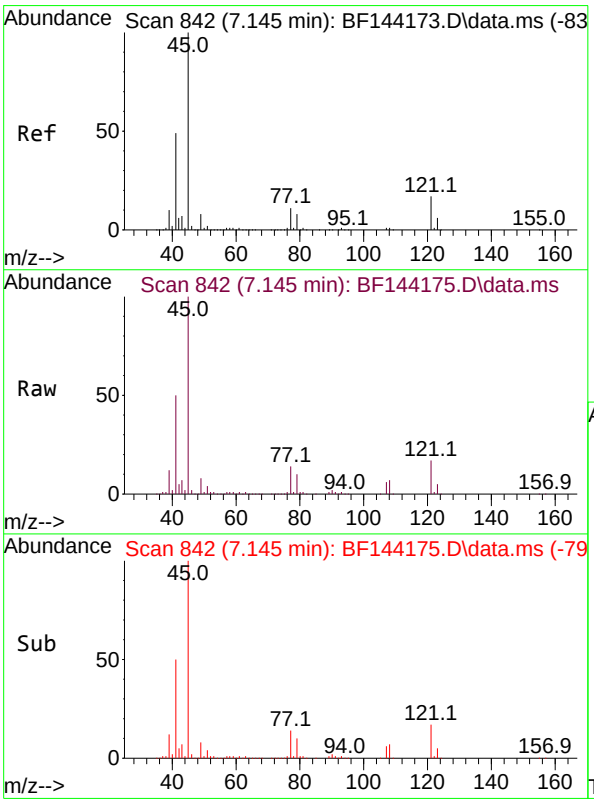

#15
Benzyl Alcohol
Concen: 62.632 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 79 Resp: 229107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.0 | 58.2 | 87.4 |
| 77 | 62.8 | 49.9 | 74.9 |

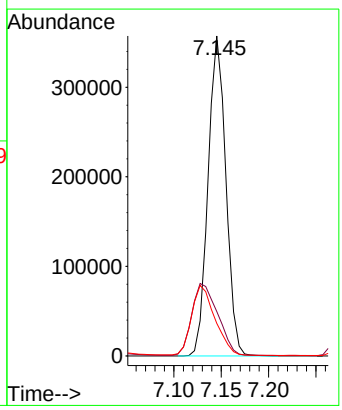


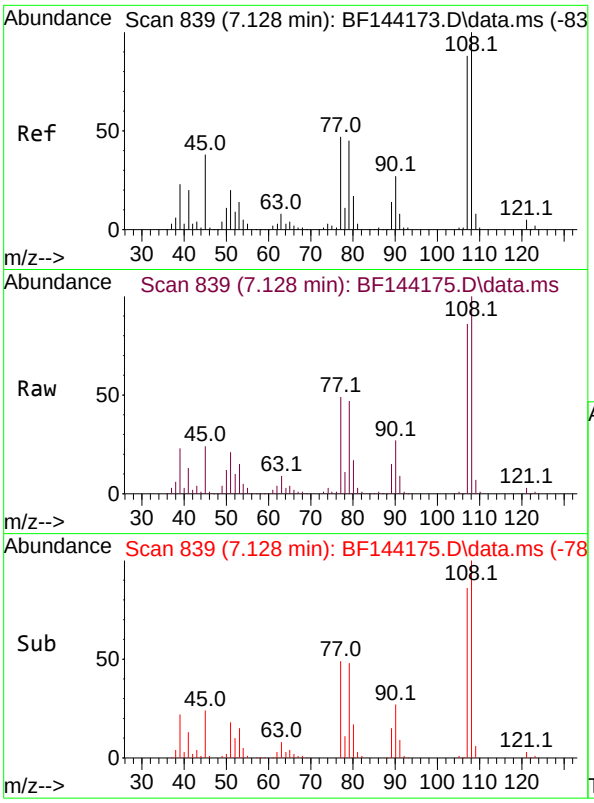




#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.712 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 45 Resp: 467387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.9 | 0.0 | 31.8 |
| 79 | 10.2 | 0.0 | 29.1 |



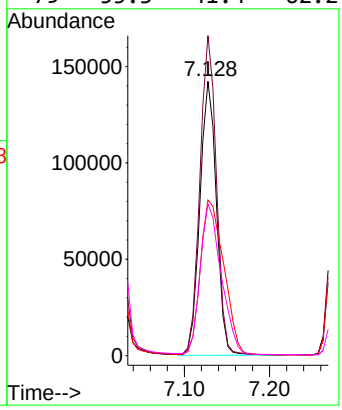


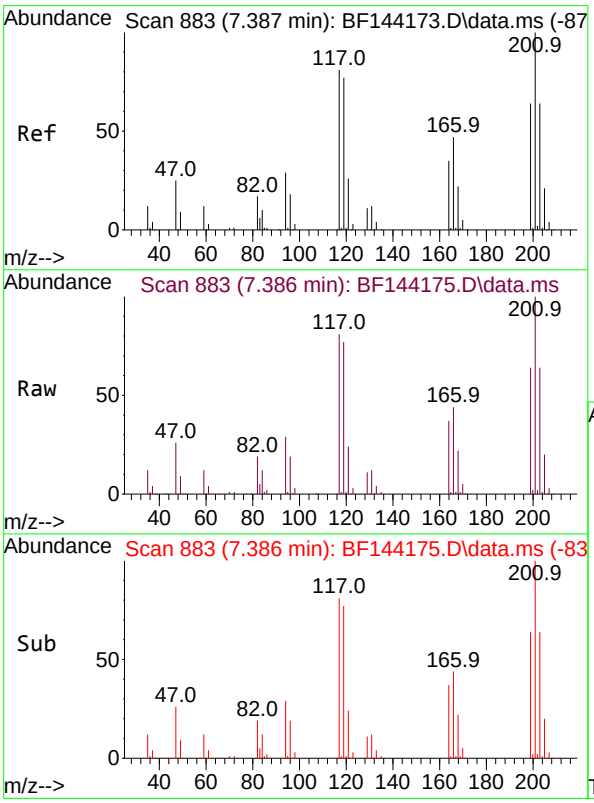

#17
2-Methylphenol
Concen: 60.269 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:107 Resp: 191705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.6 | 91.0 | 136.4 |
| 77 | 56.7 | 42.7 | 64.1 |
| 79 | 55.3 | 41.4 | 62.2 |

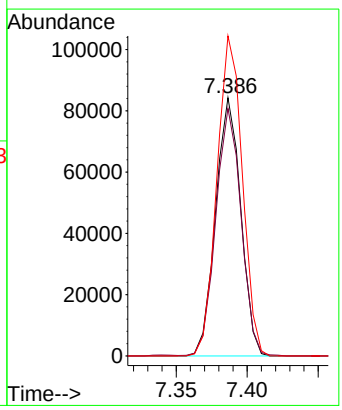


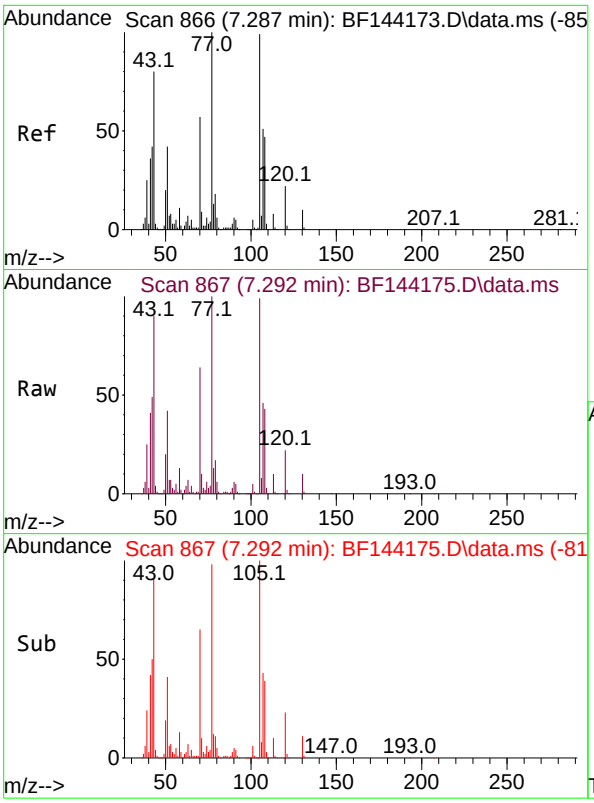




#18
Hexachloroethane
Concen: 63.308 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:117 Resp: 103964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.9 | 75.8 | 113.8 |
| 201 | 123.9 | 98.9 | 148.3 |



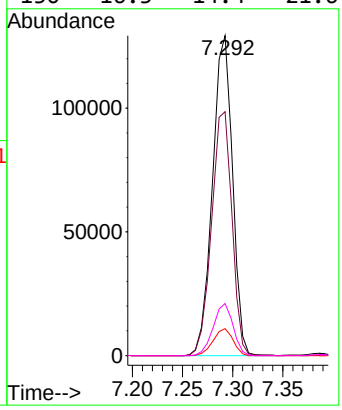


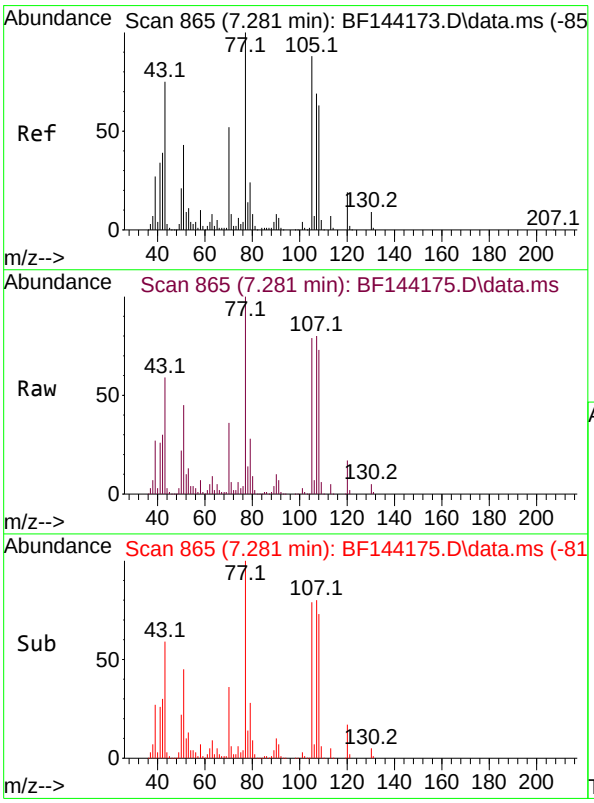

#19
n-Nitroso-di-n-propylamine
Concen: 58.963 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 70 Resp: 179314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 76.2 | 58.3 | 87.5 |
| 101 | 8.4 | 7.0 | 10.6 |
| 130 | 16.3 | 14.4 | 21.6 |

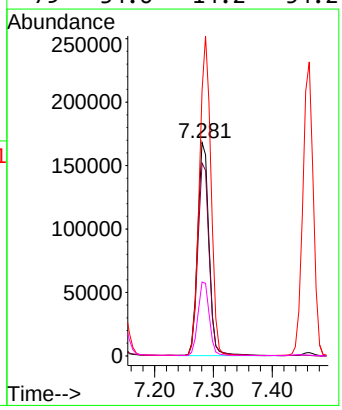


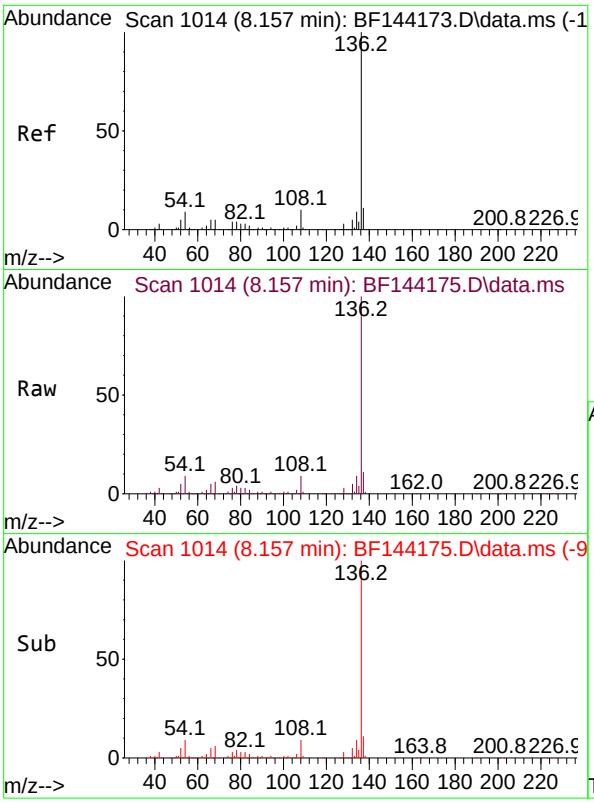




#20
3+4-Methylphenols
Concen: 59.977 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:107 Resp: 224891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 70.2 | 110.2 |
| 77 | 124.2 | 123.9 | 163.9 |
| 79 | 34.6 | 14.2 | 54.2 |



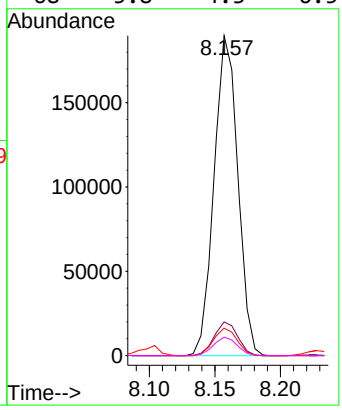


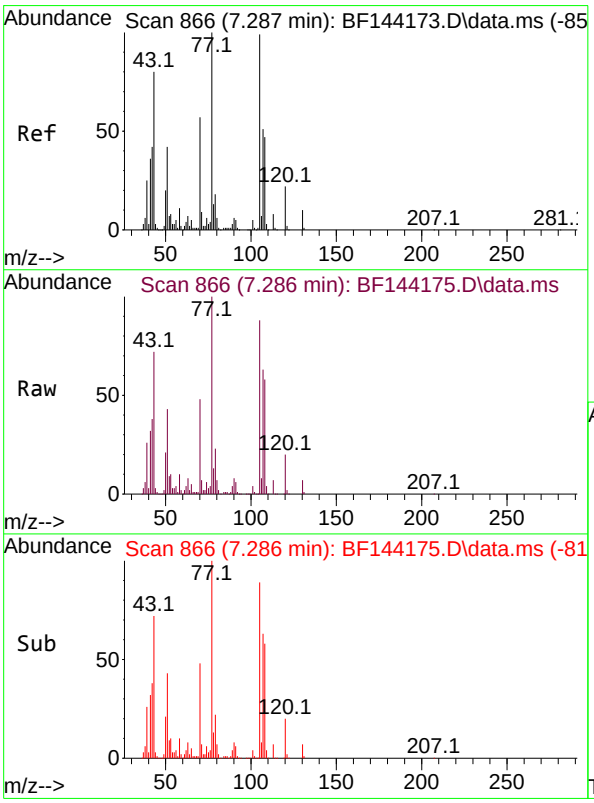

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:136 Resp: 239743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 8.6 | 7.0 | 10.6 |
| 68 | 5.8 | 4.3 | 6.5 |

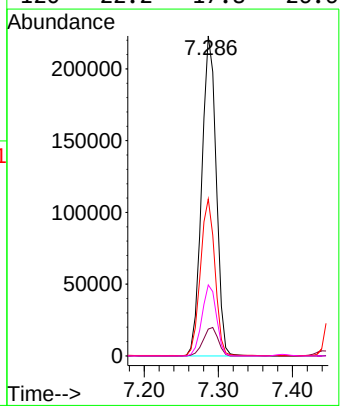


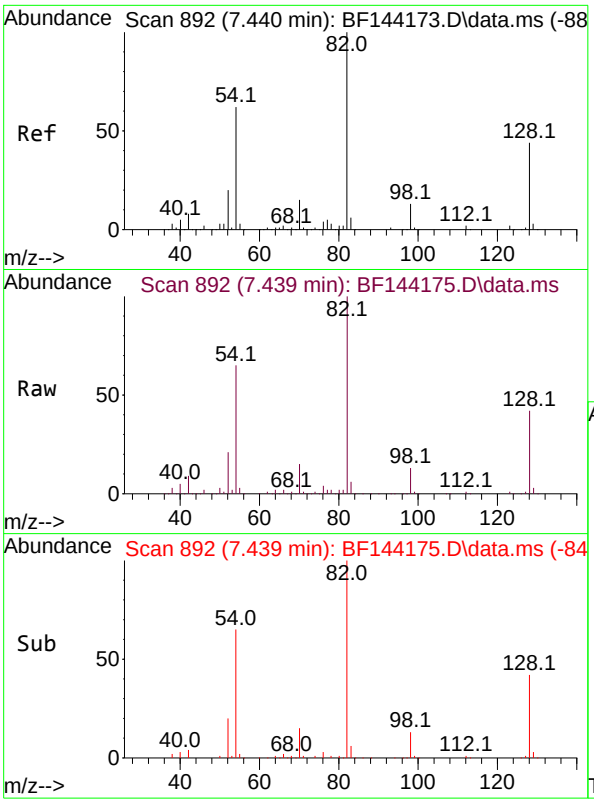




#22
Acetophenone
Concen: 58.897 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:105 Resp: 302907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.4 | 7.2 | 10.8 |
| 51 | 49.0 | 34.0 | 51.0 |
| 120 | 22.2 | 17.8 | 26.6 |



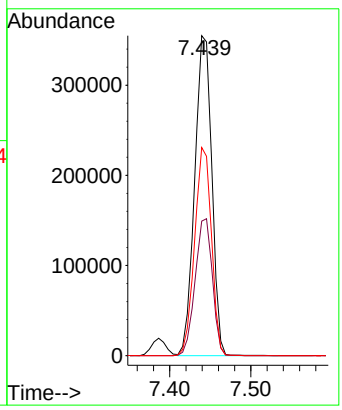


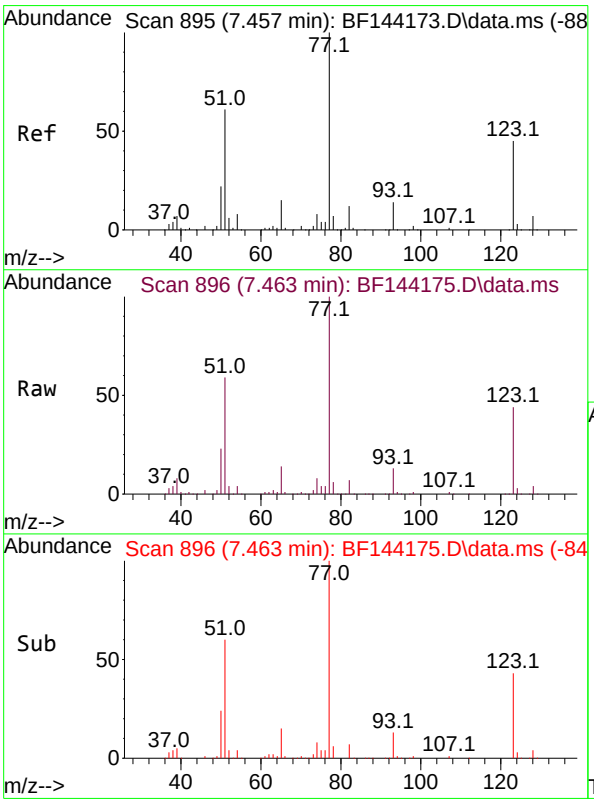

#23
Nitrobenzene-d5
Concen: 125.195 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 82 Resp: 519687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 34.7 | 52.1 |
| 54 | 65.1 | 49.5 | 74.3 |

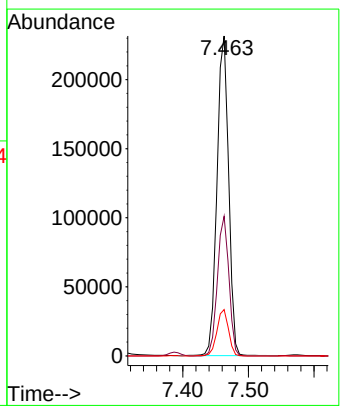


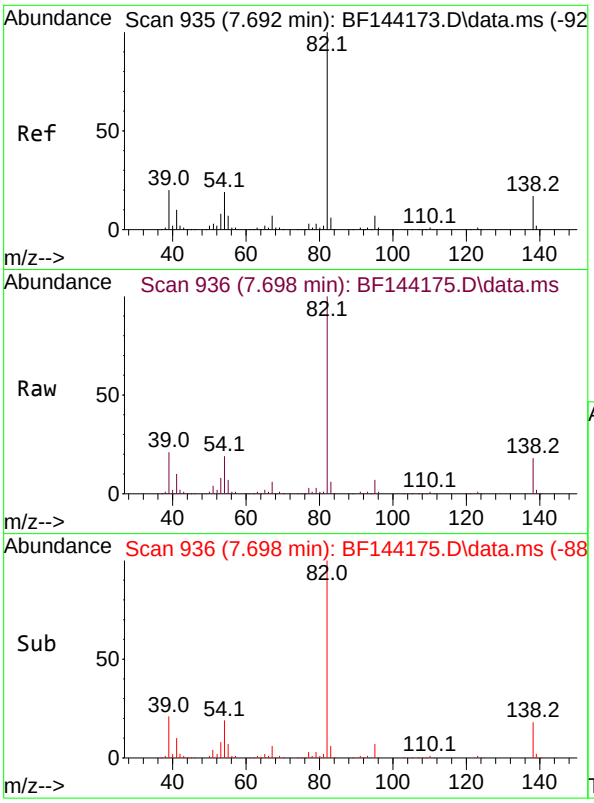




#24
Nitrobenzene
Concen: 63.439 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 77 Resp: 285924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.6 | 35.8 | 53.8 |
| 65 | 14.5 | 12.2 | 18.2 |



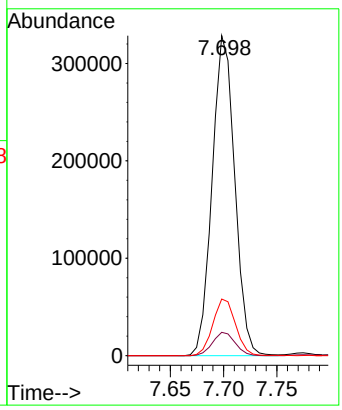


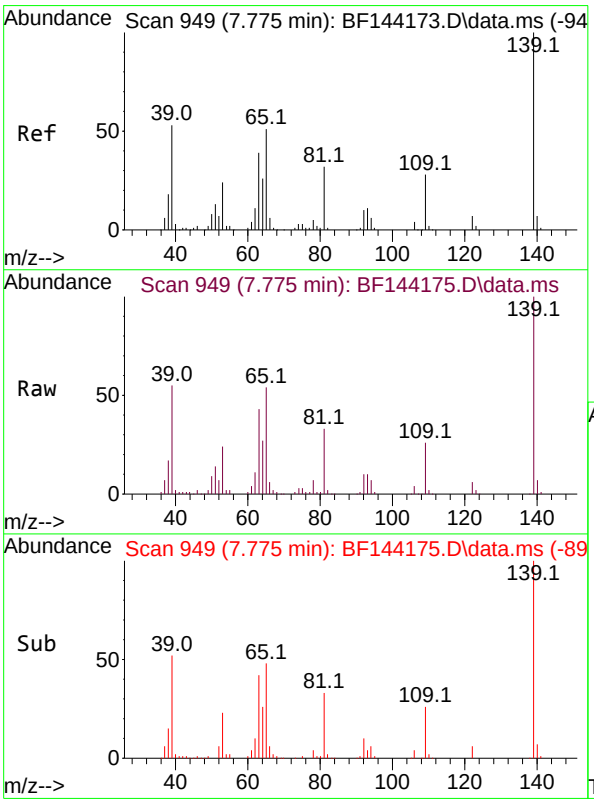

#25
Isophorone
Concen: 61.876 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 82 Resp: 485836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.5 | 8.3 |
| 138 | 17.7 | 13.7 | 20.5 |

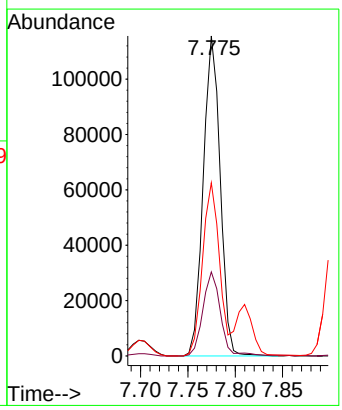


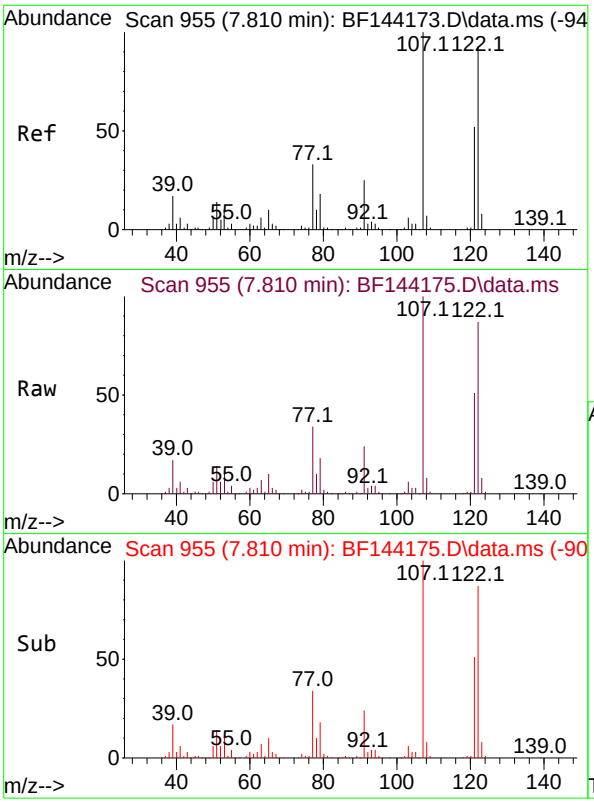




#26
2-Nitrophenol
Concen: 64.606 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:139 Resp: 144140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.2 | 22.2 | 33.2 |
| 65 | 54.1 | 40.7 | 61.1 |



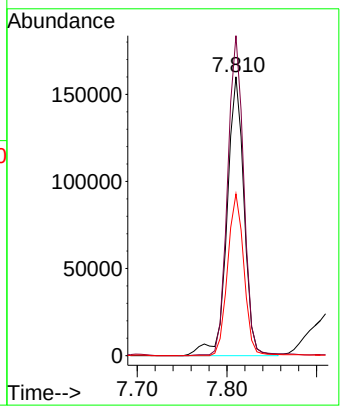


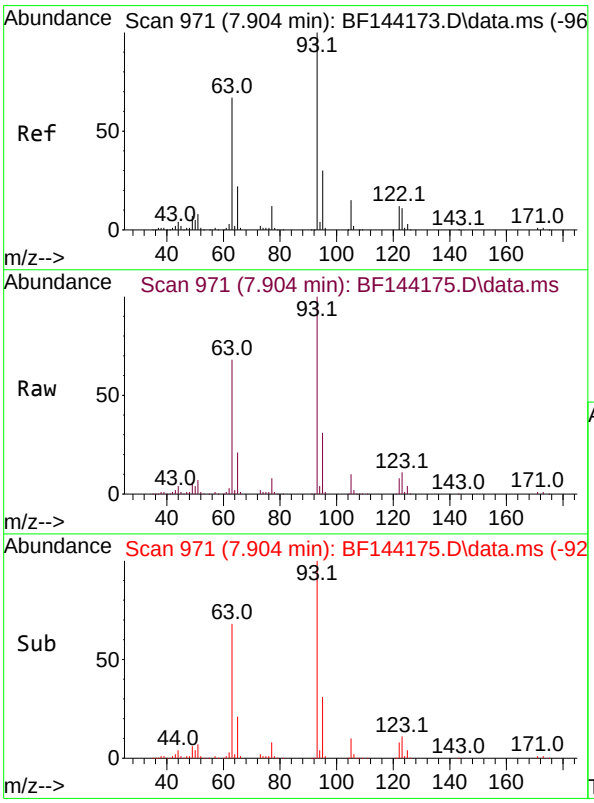

#27
2,4-Dimethylphenol
Concen: 63.471 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:122 Resp: 212249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.7 | 86.2 | 129.4 |
| 121 | 58.0 | 44.6 | 66.8 |

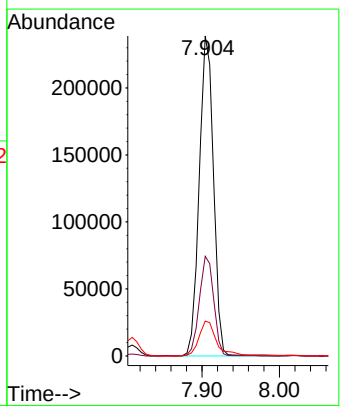


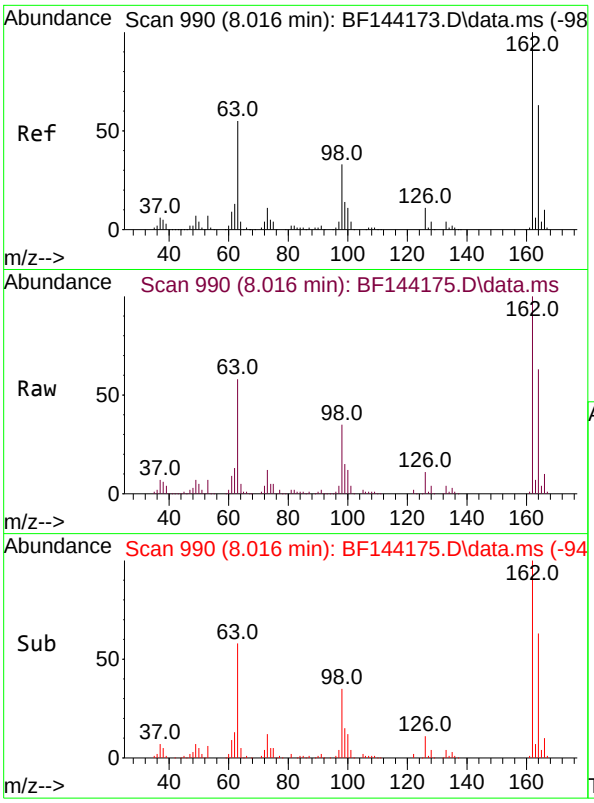




#28
bis(2-Chloroethoxy)methane
Concen: 62.085 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 304411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.1 | 24.2 | 36.4 |
| 123 | 10.9 | 9.0 | 13.4 |



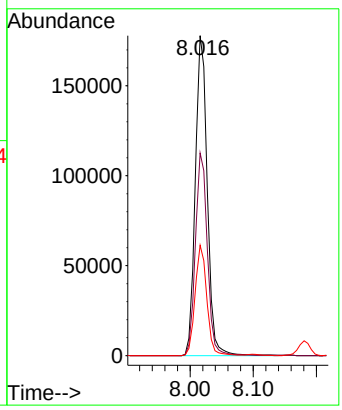


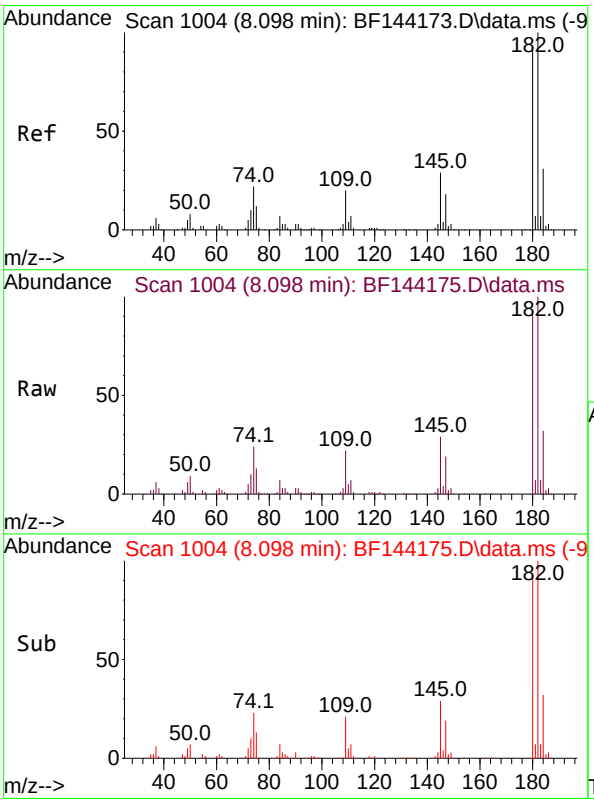

#29
2,4-Dichlorophenol
Concen: 60.899 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:162 Resp: 234718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.3 | 42.9 | 82.9 |
| 98 | 34.5 | 13.3 | 53.3 |

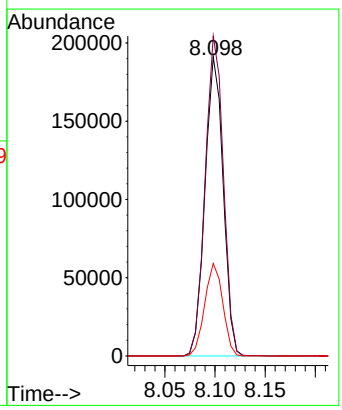


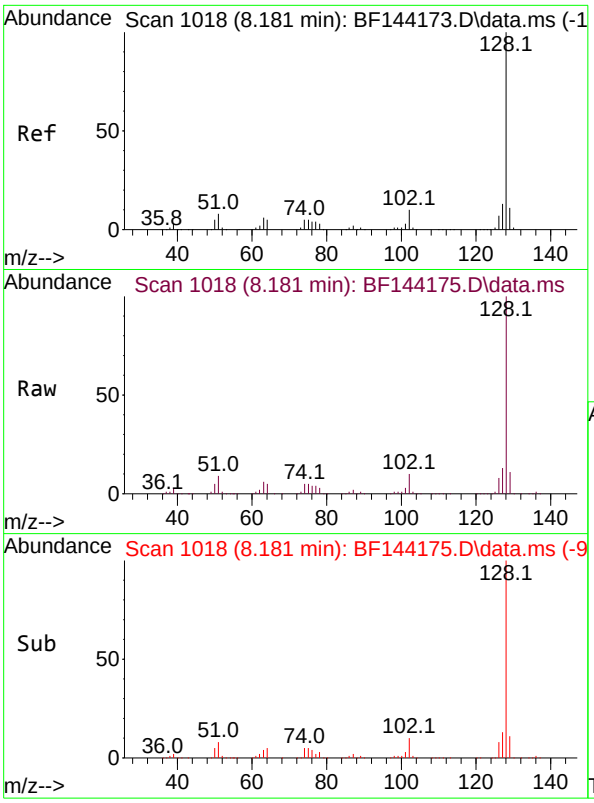




#30
1,2,4-Trichlorobenzene
Concen: 60.858 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:180 Resp: 240858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 107.0 | 87.7 | 131.5 |
| 145 | 30.9 | 25.4 | 38.0 |



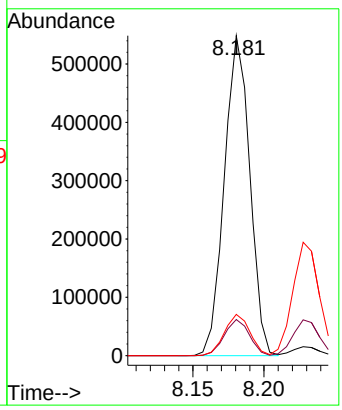


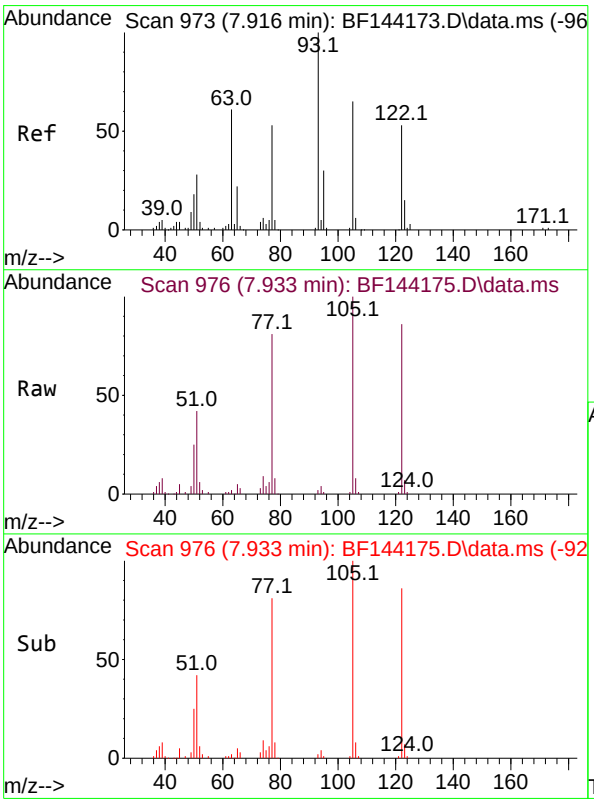

#31
Naphthalene
Concen: 60.028 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:128 Resp: 684579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.9 | 13.3 |
| 127 | 12.9 | 10.3 | 15.5 |

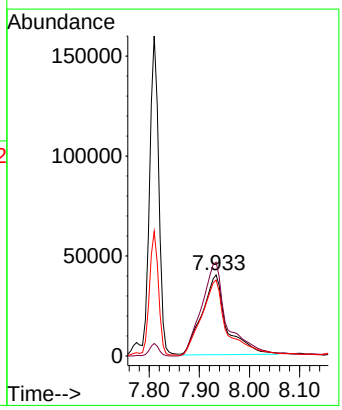


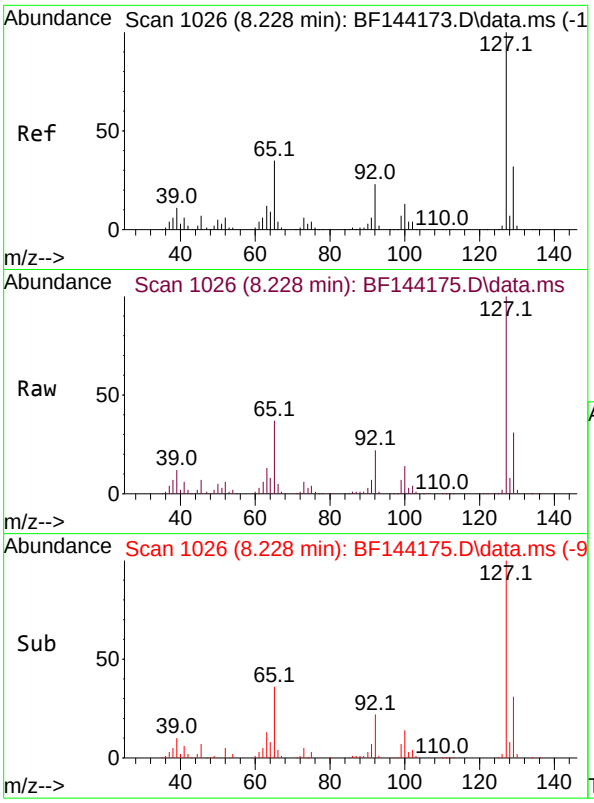




#32
Benzoic acid
Concen: 55.761 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 136682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.8 | 99.9 | 139.9 |
| 77 | 93.8 | 77.5 | 117.5 |



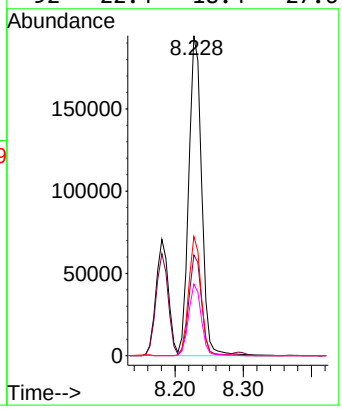


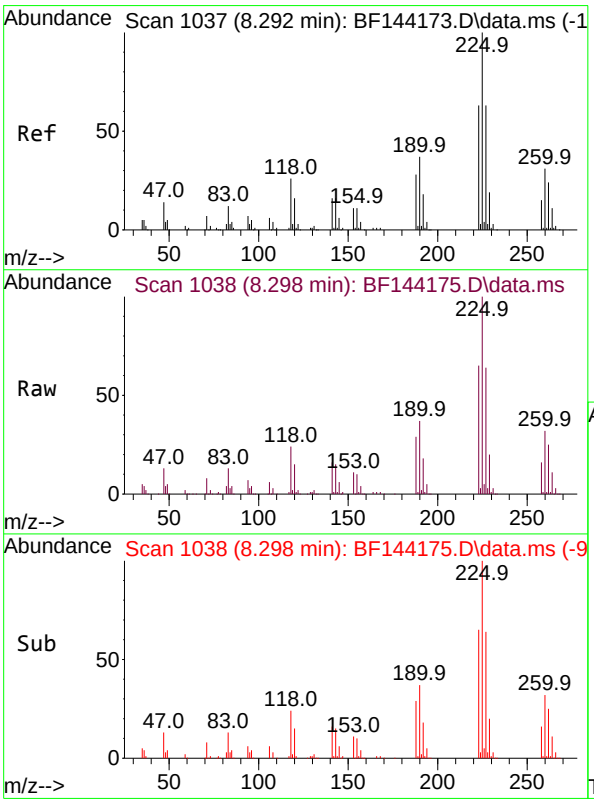

#33
4-Chloroaniline
Concen: 61.441 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:127 Resp: 255554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.5 | 25.3 | 37.9 |
| 65 | 37.2 | 27.6 | 41.4 |
| 92 | 22.4 | 18.4 | 27.6 |

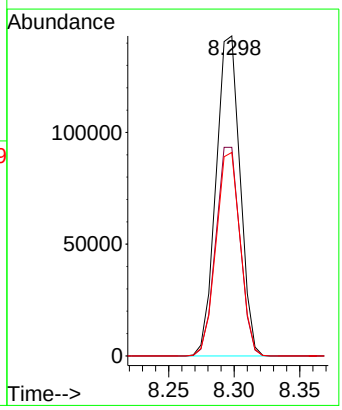


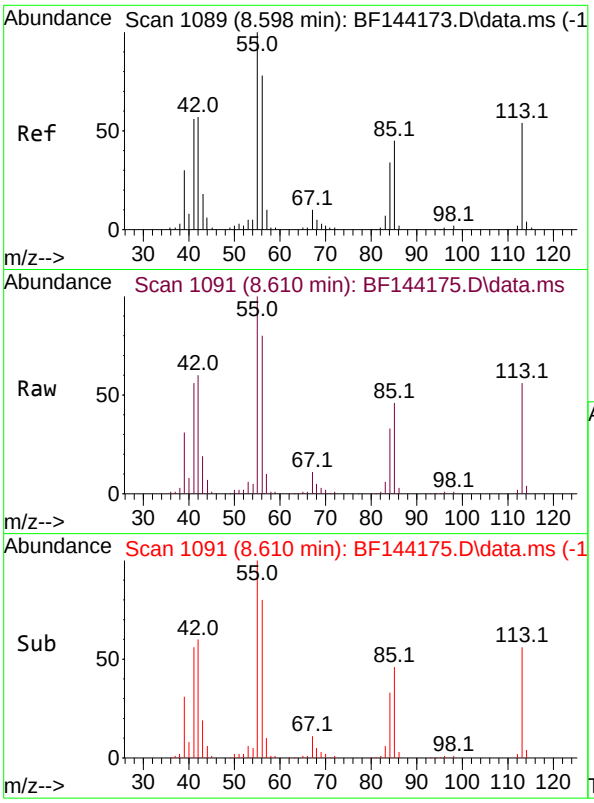




#34
Hexachlorobutadiene
Concen: 61.229 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:225 Resp: 182626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.2 | 50.2 | 75.4 |
| 227 | 63.6 | 50.1 | 75.1 |



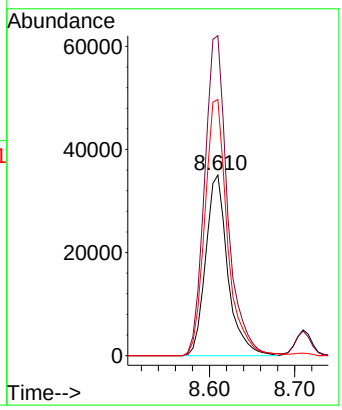


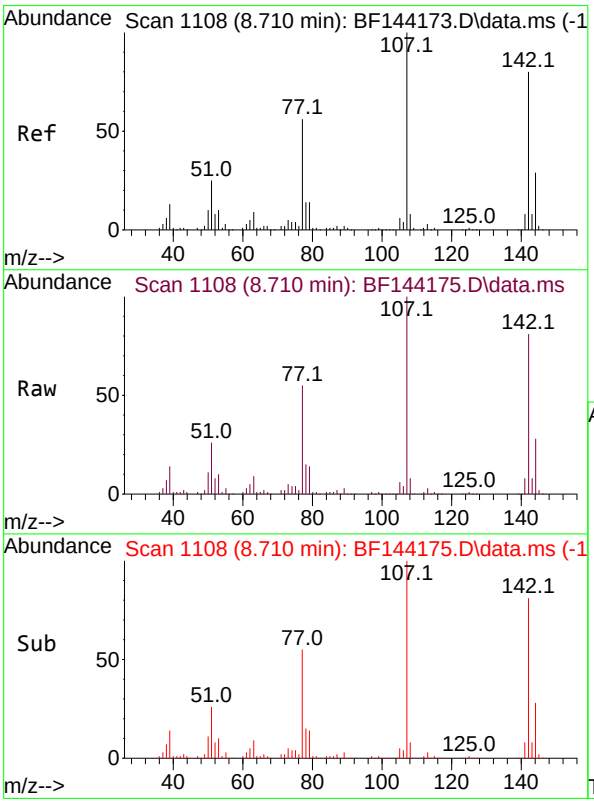

#35
Caprolactam
Concen: 59.512 ng
RT: 8.610 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:113 Resp: 62840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 177.2 | 166.8 | 206.8 |
| 56 | 141.8 | 125.9 | 165.9 |

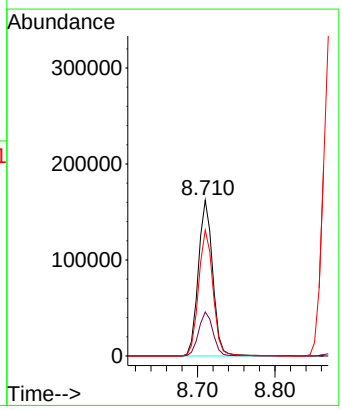


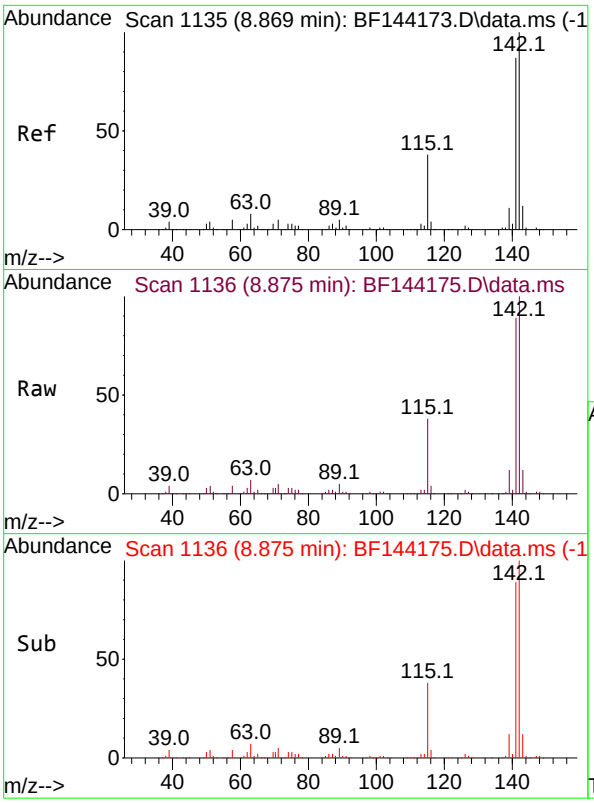




#36
4-Chloro-3-methylphenol
Concen: 60.481 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:107 Resp: 208910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.2 | 23.3 | 34.9 |
| 142 | 80.8 | 63.8 | 95.6 |



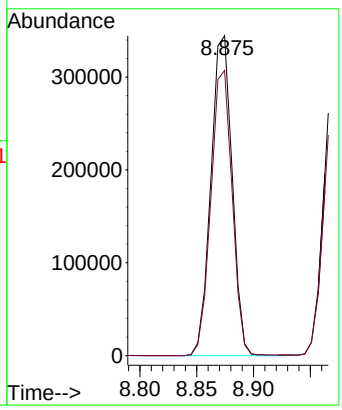


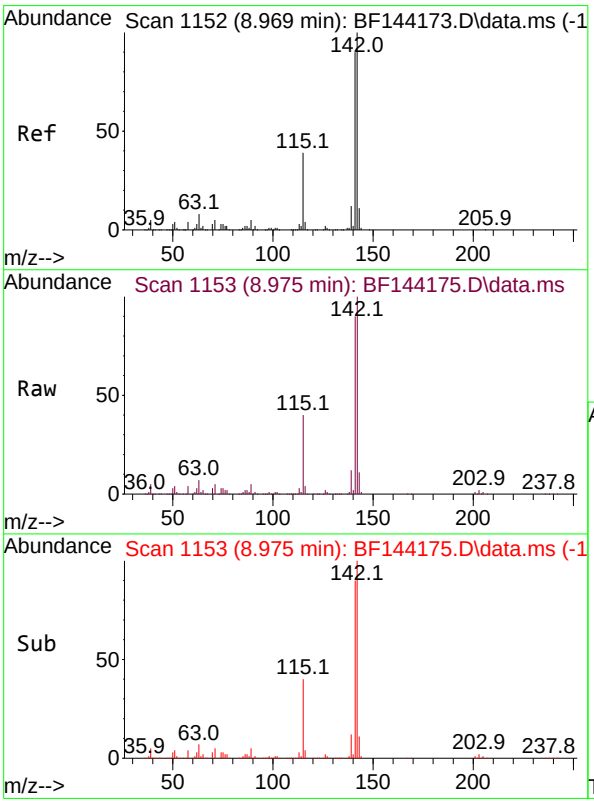

#37
2-Methylnaphthalene
Concen: 58.743 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:142 Resp: 447909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 69.9 | 104.9 |

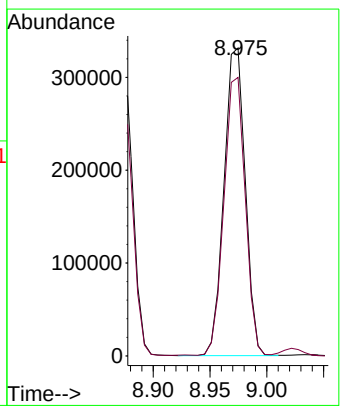


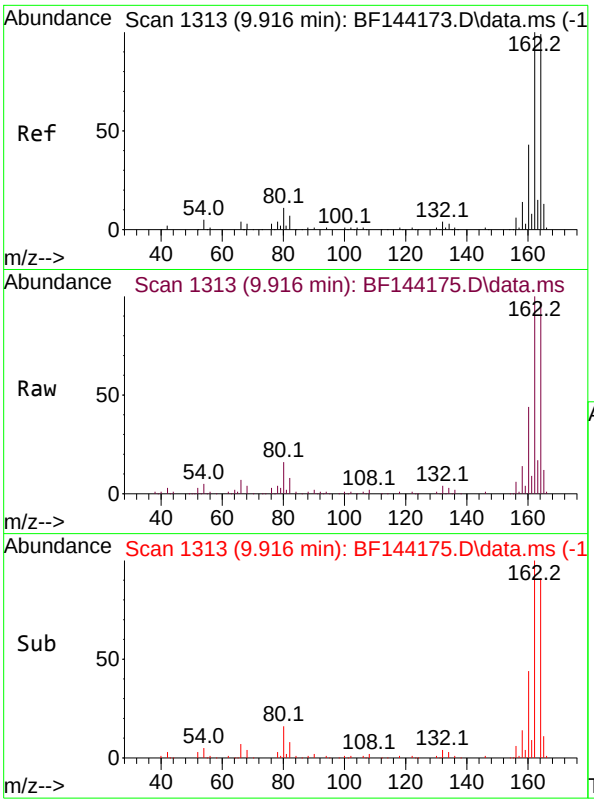




#38
1-Methylnaphthalene
Concen: 58.654 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:142 Resp: 431529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.1 | 108.1 |



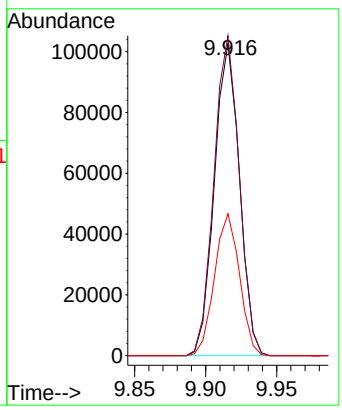


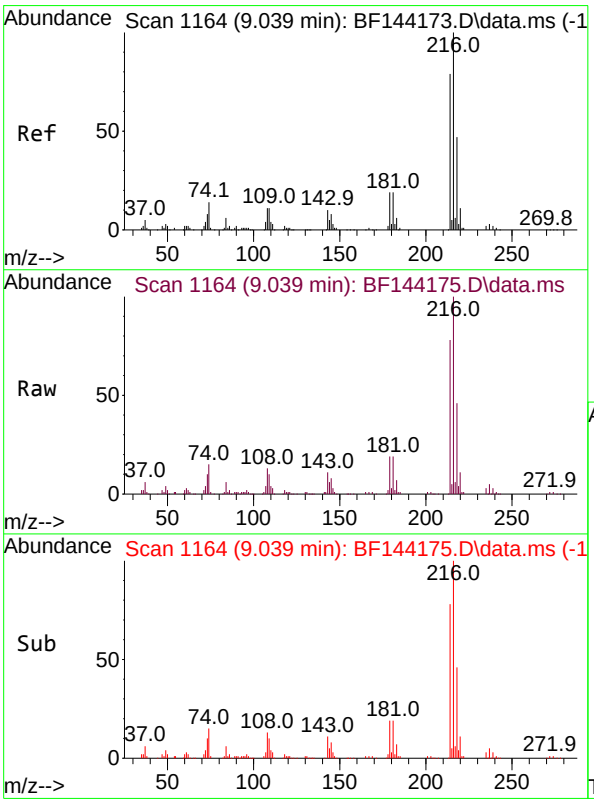

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:164 Resp: 126385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 81.1 | 121.7 |
| 160 | 45.5 | 34.5 | 51.7 |

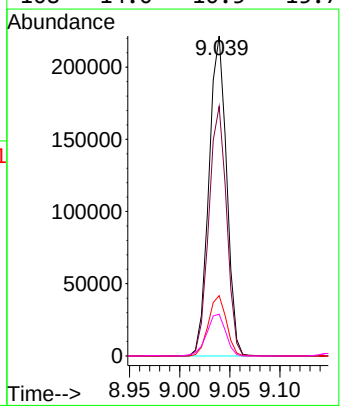


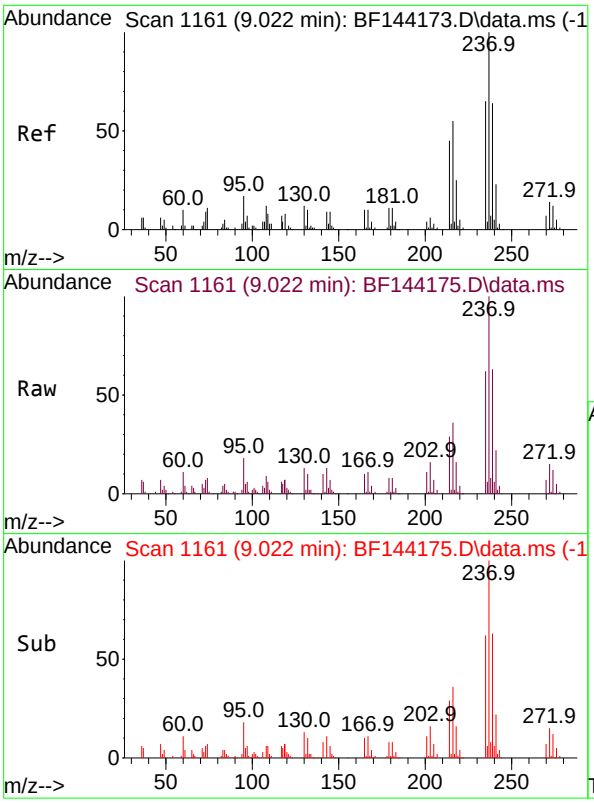




#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.549 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:216 Resp: 271508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.2 | 63.4 | 95.2 |
| 179 | 19.0 | 15.0 | 22.4 |
| 108 | 14.0 | 10.5 | 15.7 |



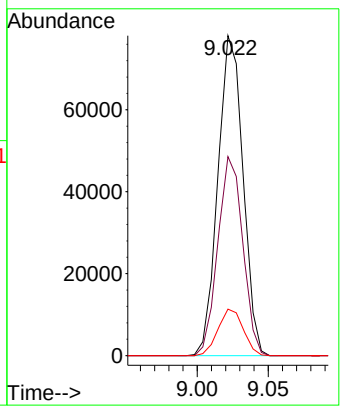


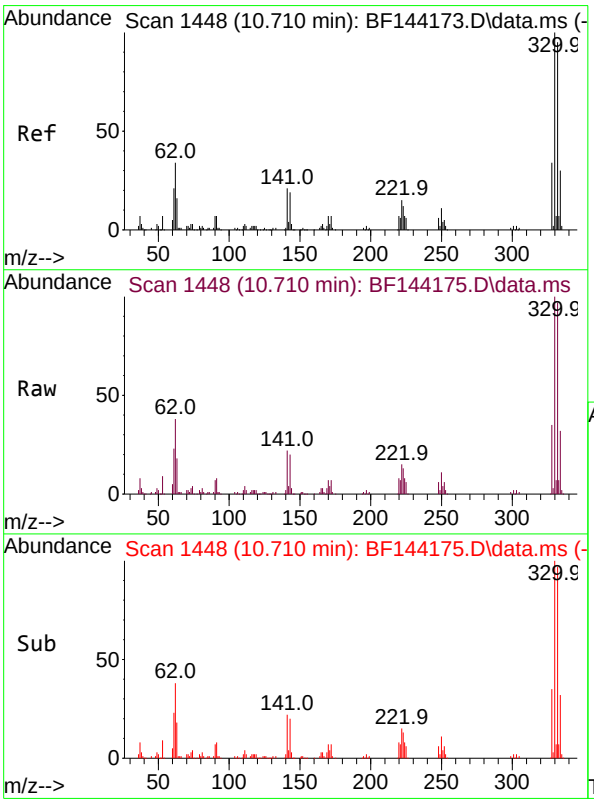

#41
Hexachlorocyclopentadiene
Concen: 64.419 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:237 Resp: 95909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.2 | 45.5 | 85.5 |
| 272 | 14.5 | 0.0 | 33.5 |

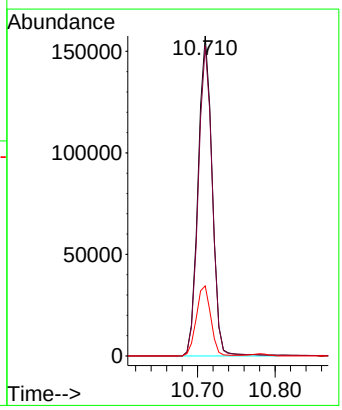


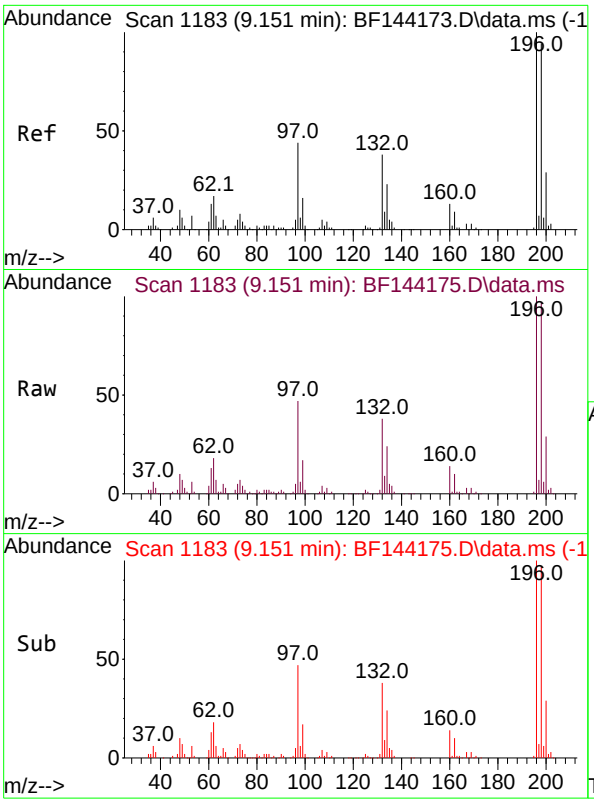




#42
2,4,6-Tribromophenol
Concen: 124.986 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:330 Resp: 198226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.7 | 115.1 |
| 141 | 22.5 | 17.8 | 26.8 |



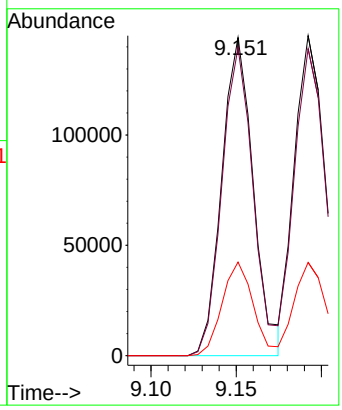


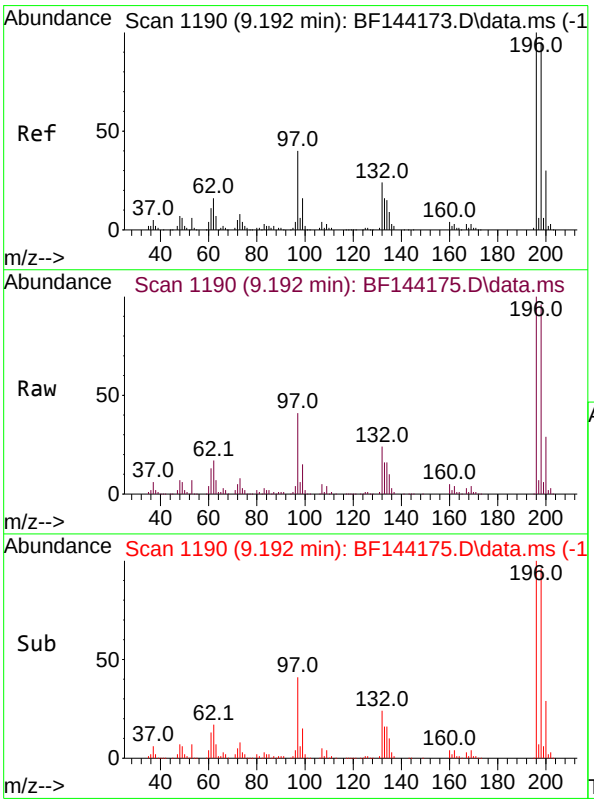

#43
2,4,6-Trichlorophenol
Concen: 65.769 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:196 Resp: 185412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 75.3 | 112.9 |
| 200 | 29.4 | 23.4 | 35.2 |

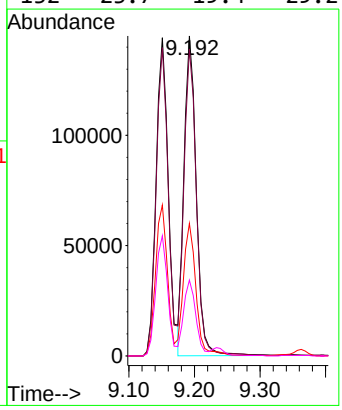


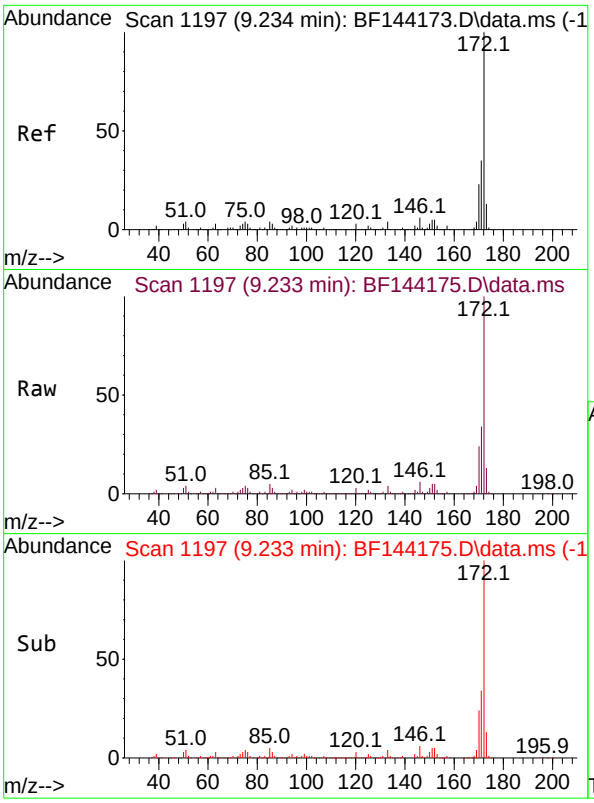




#44
2,4,5-Trichlorophenol
Concen: 62.639 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:196 Resp: 190324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.1 | 114.1 |
| 97 | 41.4 | 31.9 | 47.9 |
| 132 | 23.7 | 19.4 | 29.2 |



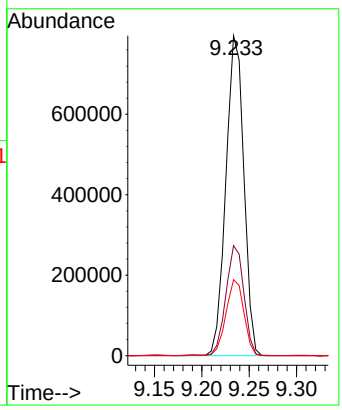


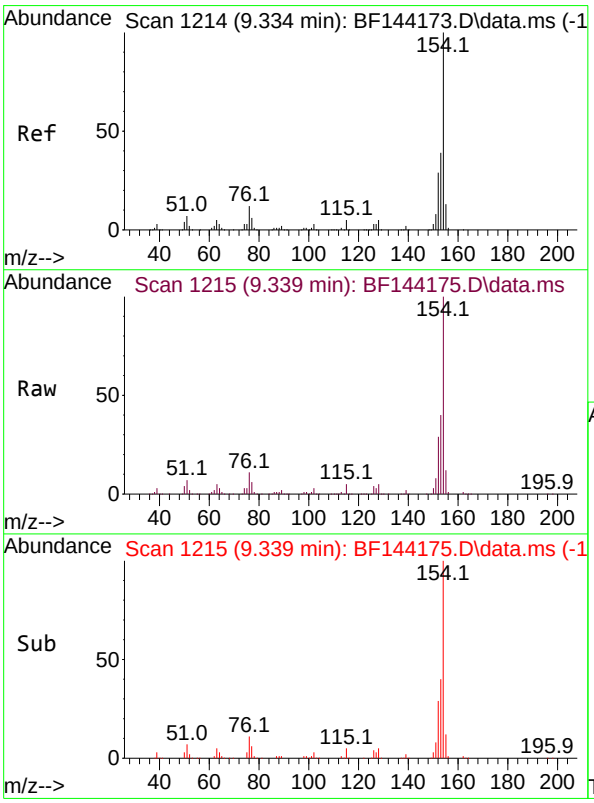

#45
2-Fluorobiphenyl
Concen: 122.404 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:172 Resp: 1047440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.1 | 42.1 |
| 170 | 23.7 | 18.6 | 28.0 |

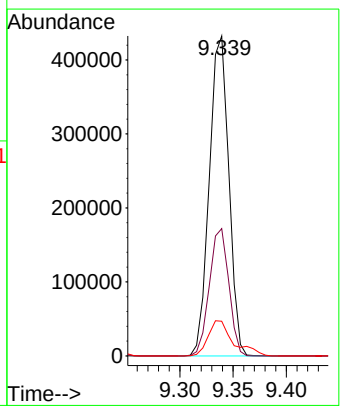


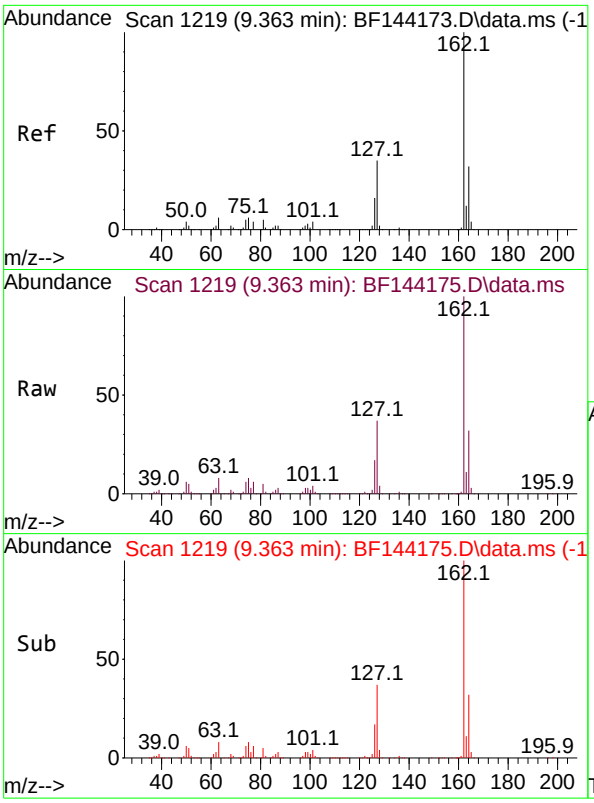




#46
1,1'-Biphenyl
Concen: 62.310 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 549700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.8 | 19.2 | 59.2 |
| 76 | 10.8 | 0.0 | 31.8 |



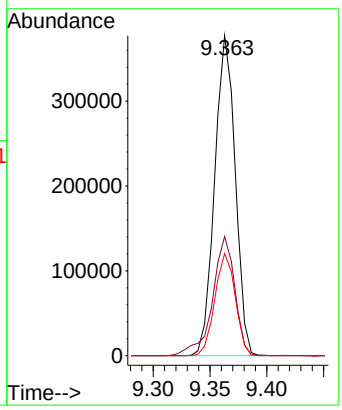


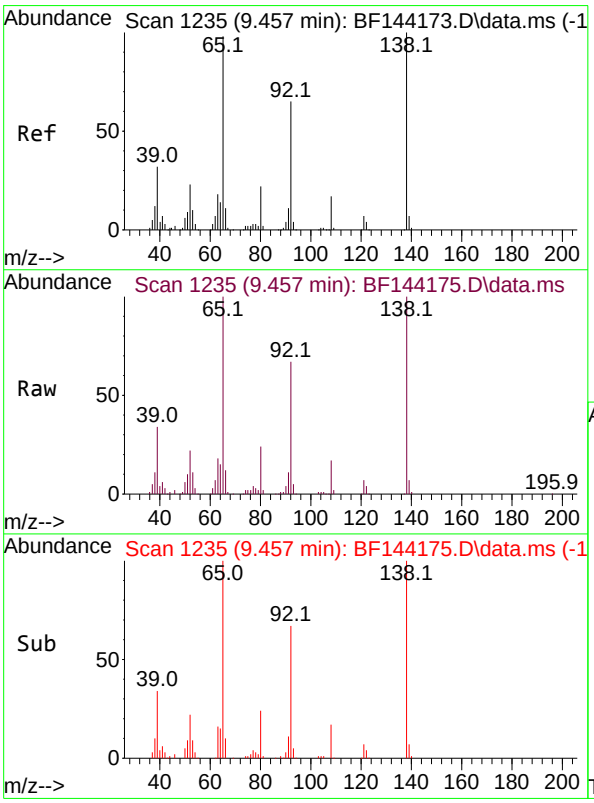

#47
2-Chloronaphthalene
Concen: 63.056 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:162 Resp: 474514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.2 | 28.8 | 43.2 |
| 164 | 31.9 | 25.8 | 38.8 |

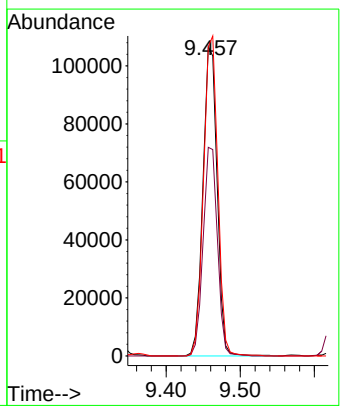


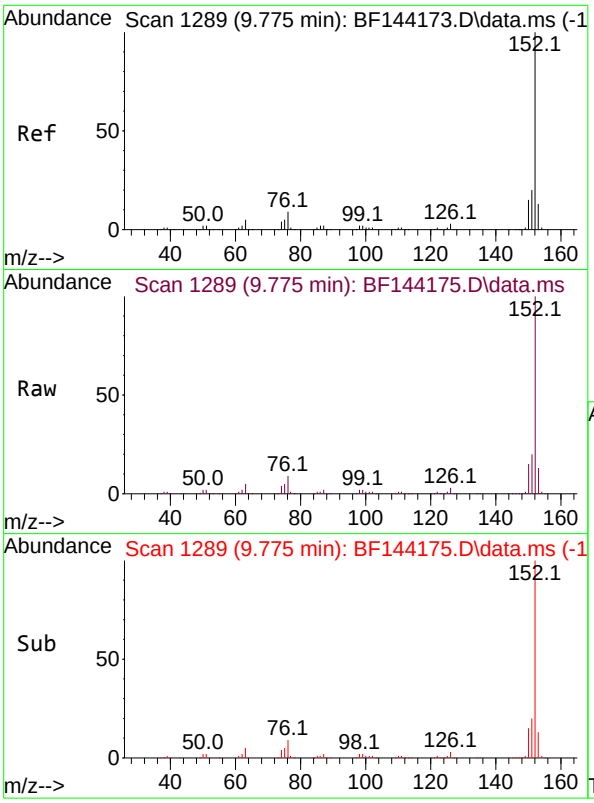




#48
2-Nitroaniline
Concen: 65.370 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 65 Resp: 141938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.5 | 53.0 | 79.6 |
| 138 | 100.0 | 81.6 | 122.4 |



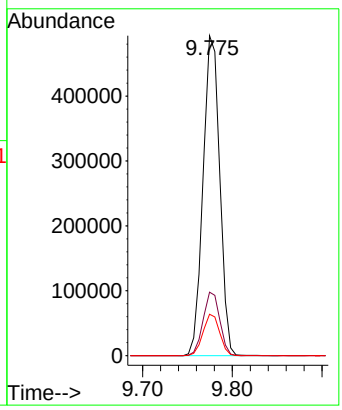


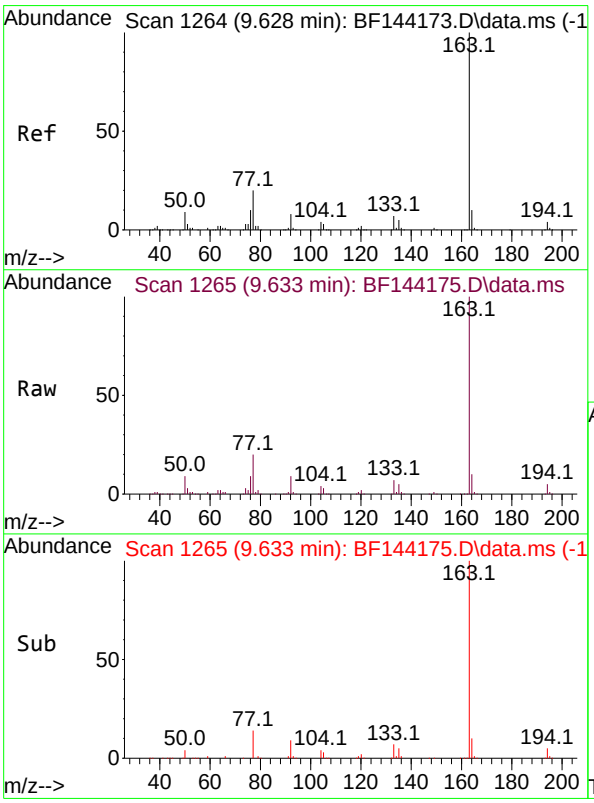

#49
Acenaphthylene
Concen: 62.050 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:152 Resp: 636324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.9 | 23.9 |
| 153 | 12.9 | 10.5 | 15.7 |

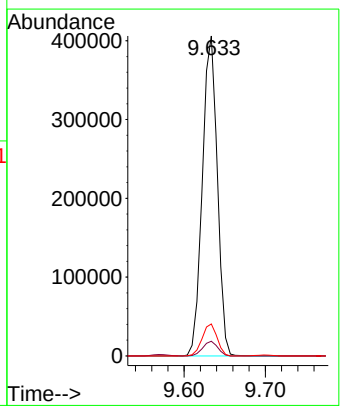


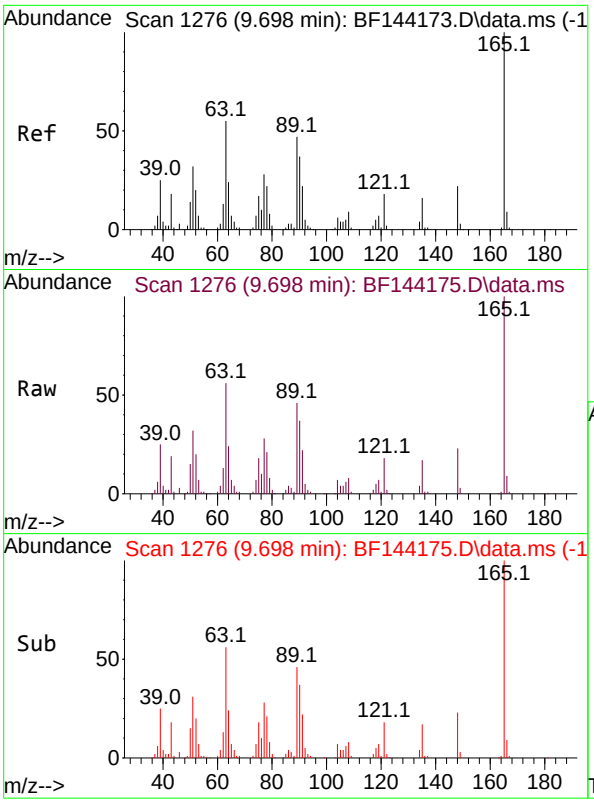




#50
Dimethylphthalate
Concen: 62.250 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:163 Resp: 521205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.3 | 4.9 |
| 164 | 10.0 | 8.1 | 12.1 |



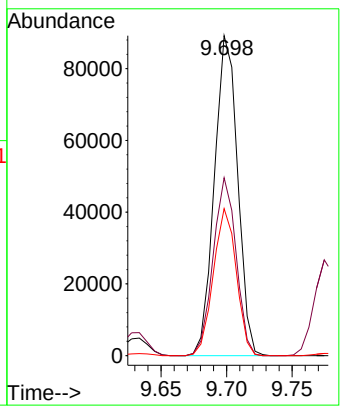


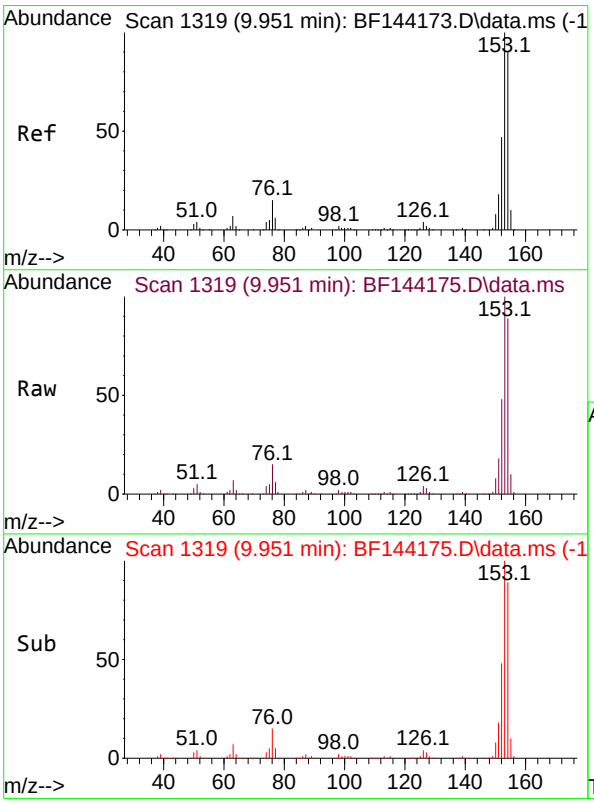

#51
2,6-Dinitrotoluene
Concen: 64.983 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:165 Resp: 110140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 55.6 | 43.8 | 65.8 |
| 89 | 45.9 | 37.5 | 56.3 |

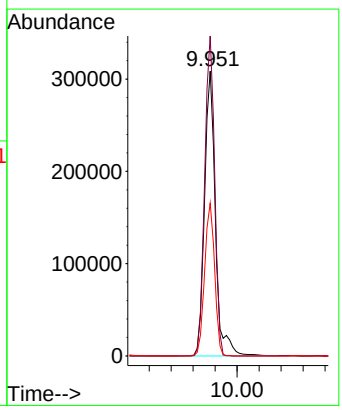


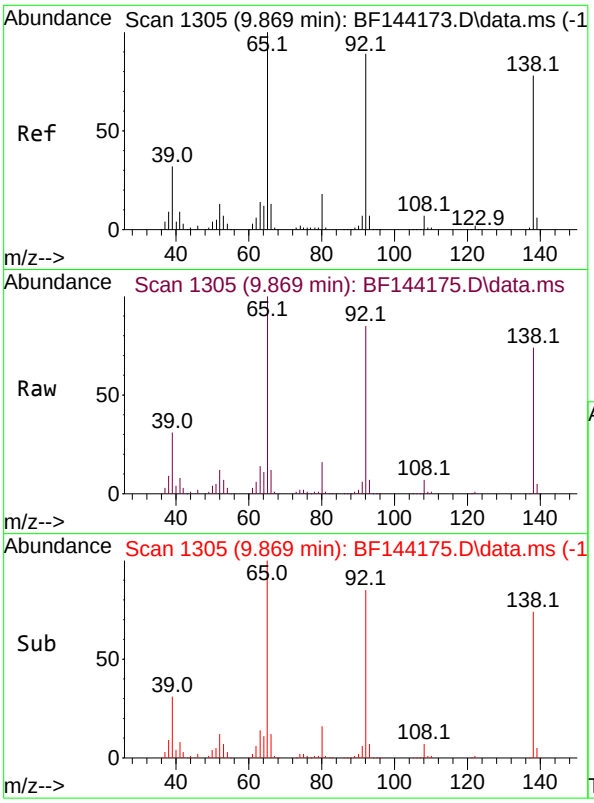




#52
Acenaphthene
Concen: 61.778 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 423653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.4 | 89.0 | 133.4 |
| 152 | 53.7 | 42.2 | 63.4 |



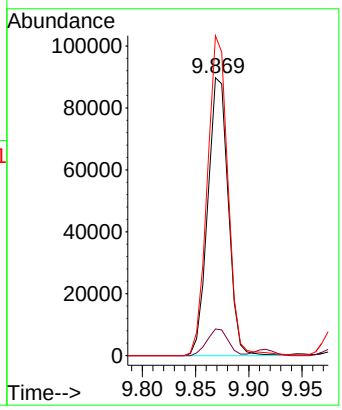


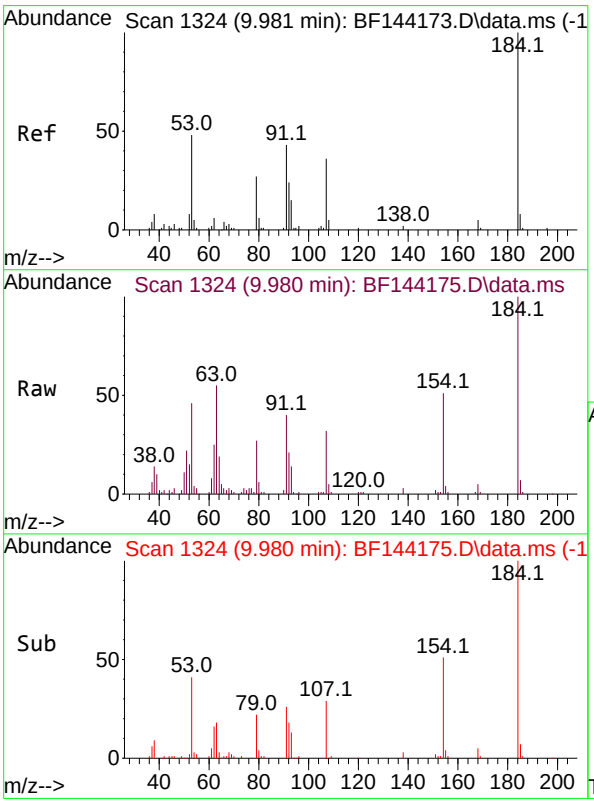

#53
3-Nitroaniline
Concen: 64.749 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:138 Resp: 119967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.6 | 7.5 | 11.3 |
| 92 | 115.2 | 91.8 | 137.6 |

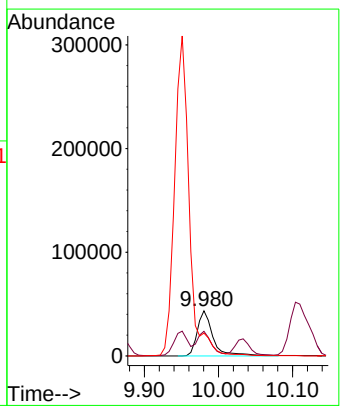


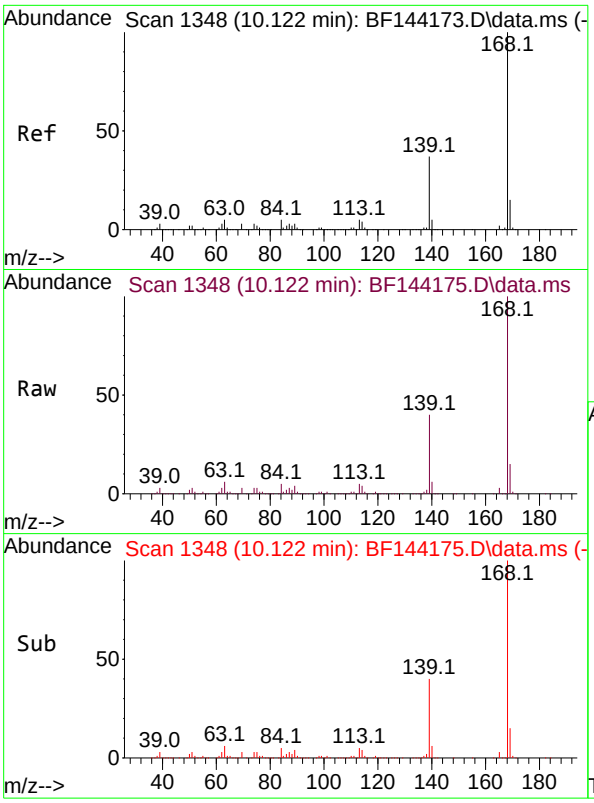




#54
2,4-Dinitrophenol
Concen: 62.138 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:184 Resp: 63597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 54.7 | 44.0 | 66.0 |
| 154 | 50.8 | 42.4 | 63.6 |



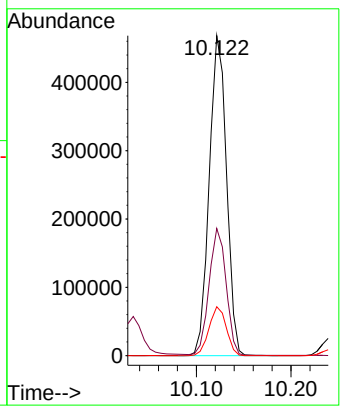


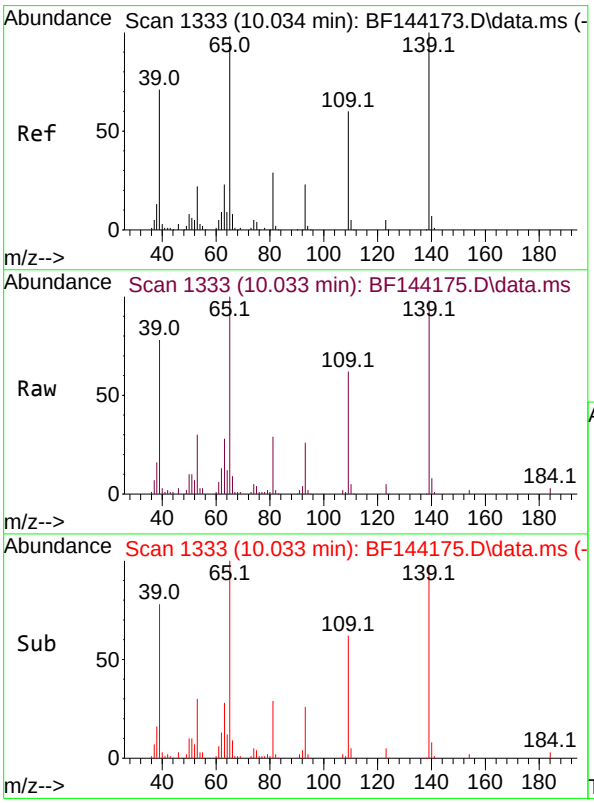

#55
Dibenzofuran
Concen: 61.680 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:168 Resp: 592400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.7 | 30.2 | 45.2 |
| 169 | 15.3 | 12.2 | 18.4 |

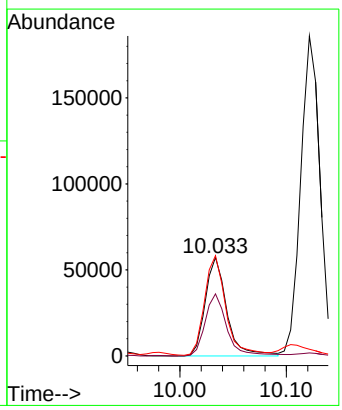


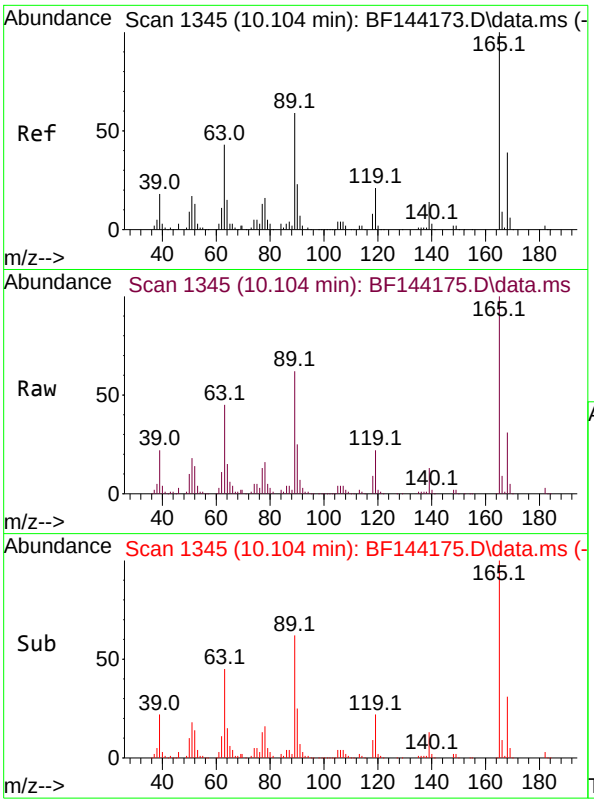




#56
4-Nitrophenol
Concen: 59.812 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:139 Resp: 80163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.0 | 39.9 | 79.9 |
| 65 | 101.8 | 79.5 | 119.5 |



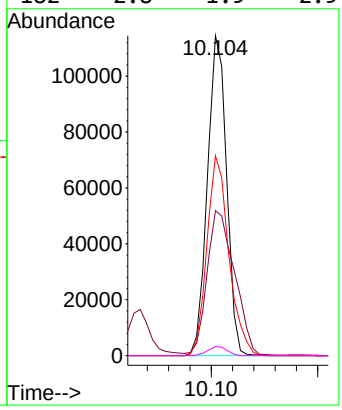


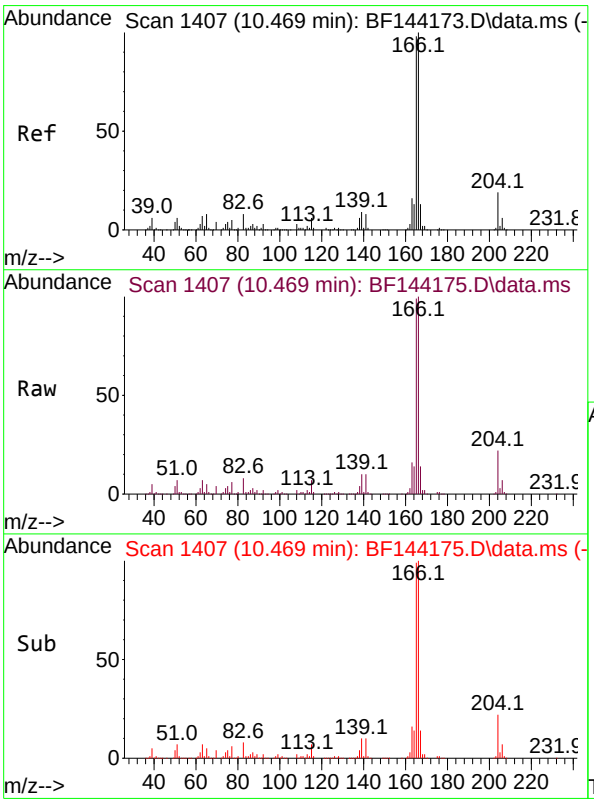

#57
2,4-Dinitrotoluene
Concen: 62.984 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:165 Resp: 142910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.3 | 35.5 | 53.3 |
| 89 | 62.4 | 47.4 | 71.2 |
| 182 | 2.8 | 1.9 | 2.9 |

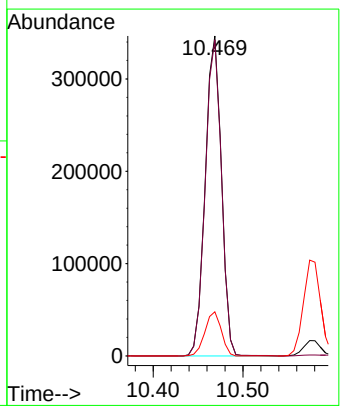


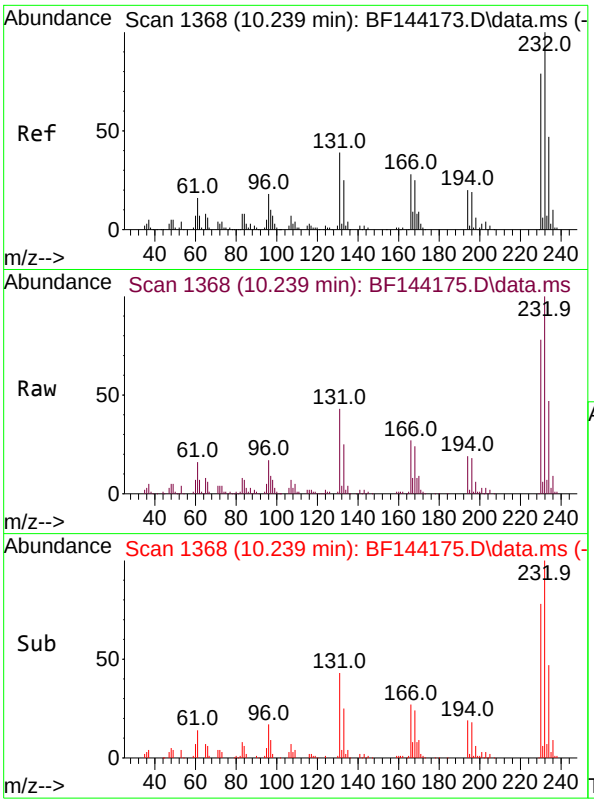




#58
Fluorene
Concen: 59.664 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:166 Resp: 435687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 78.6 | 118.0 |
| 167 | 13.8 | 10.4 | 15.6 |



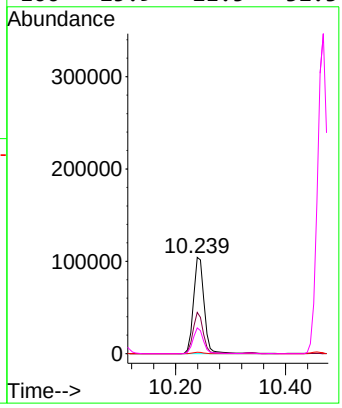


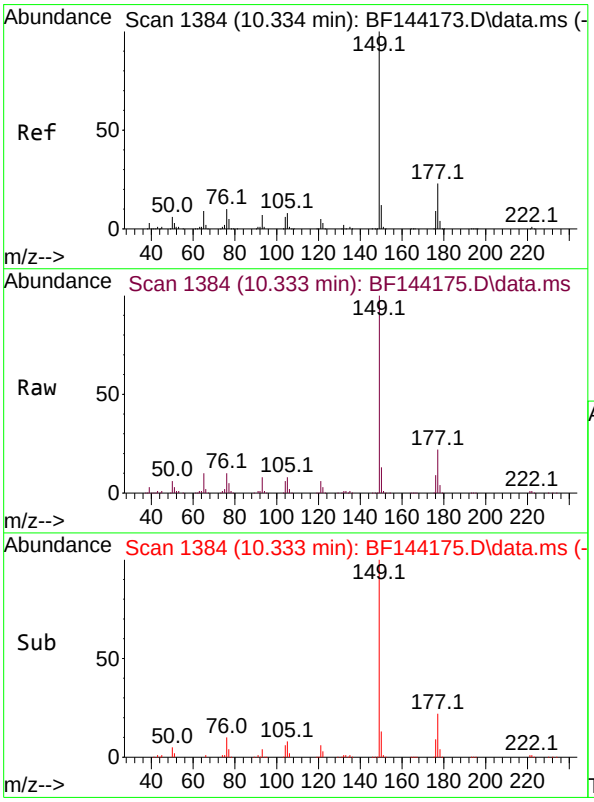

#59
2,3,4,6-Tetrachlorophenol
Concen: 65.569 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:232 Resp: 140953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.7 | 30.3 | 45.5 |
| 130 | 1.3 | 1.2 | 1.8 |
| 166 | 25.9 | 21.5 | 32.3 |

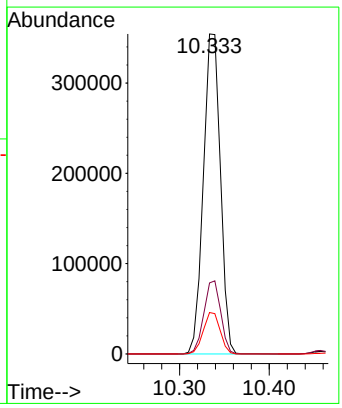


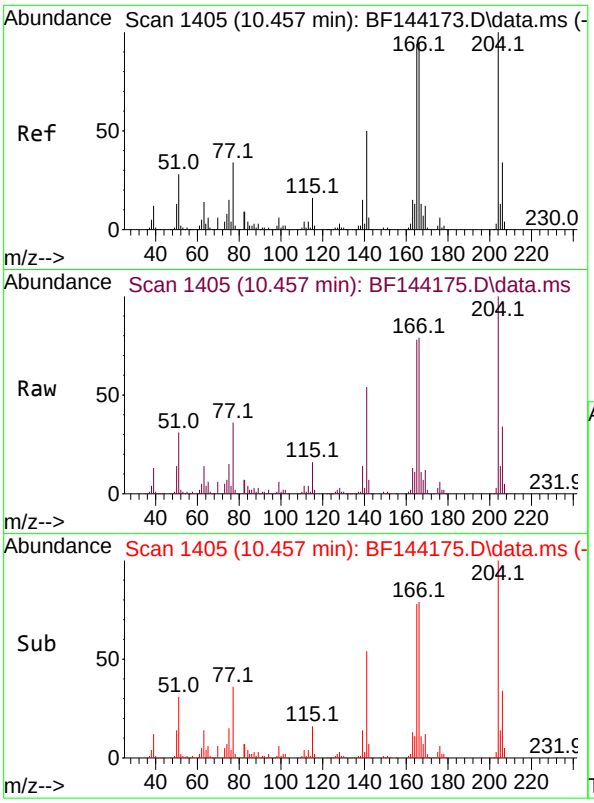




#60
Diethylphthalate
Concen: 60.755 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 468931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 18.3 | 27.5 |
| 150 | 12.9 | 9.8 | 14.6 |



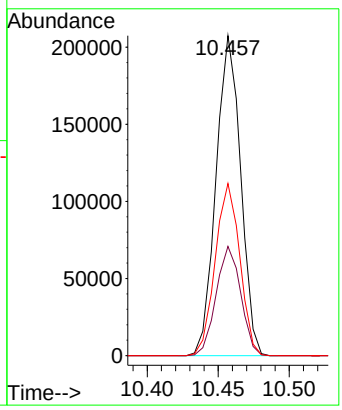


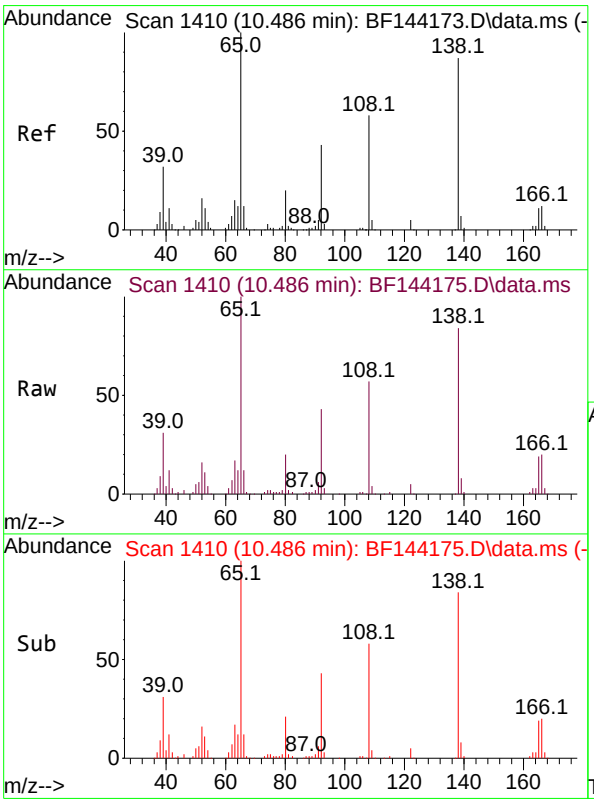

#61
4-Chlorophenyl-phenylether
Concen: 60.068 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:204 Resp: 249857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.1 | 27.4 | 41.2 |
| 141 | 53.8 | 40.0 | 60.0 |

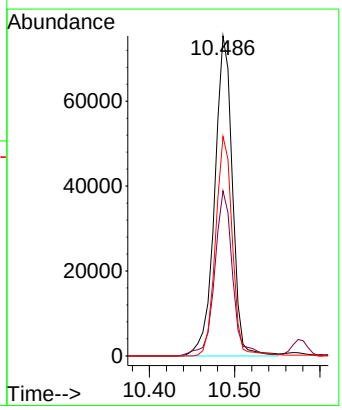


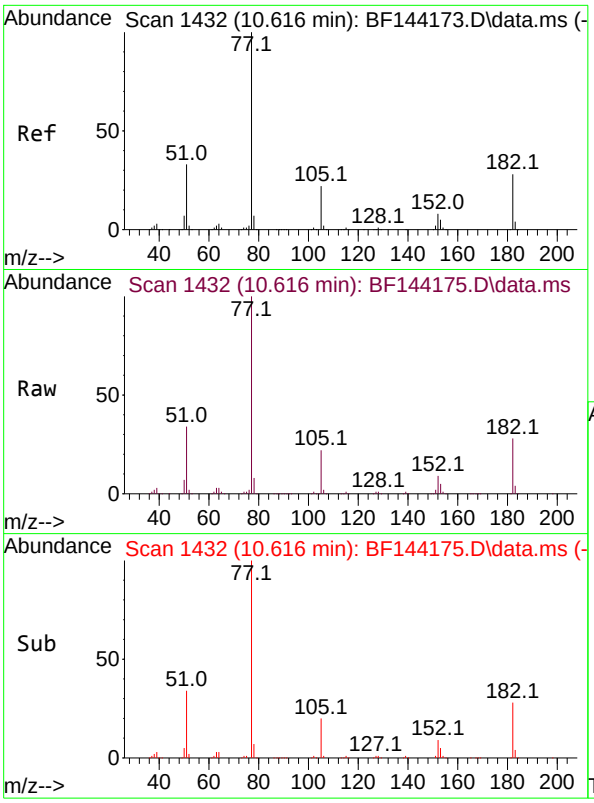




#62
4-Nitroaniline
Concen: 61.862 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 109153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.6 | 29.4 | 69.4 |
| 108 | 68.6 | 46.4 | 86.4 |



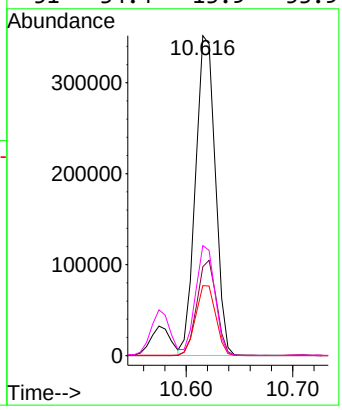


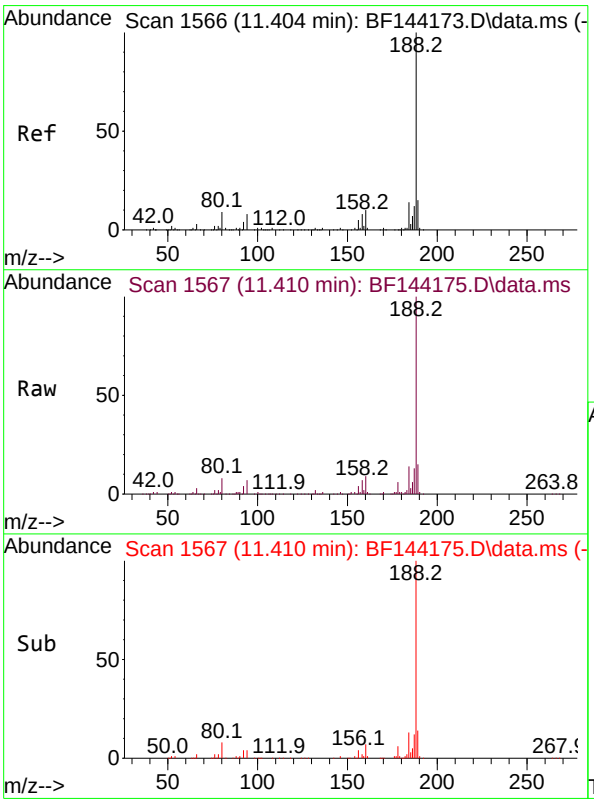

#63
Azobenzene
Concen: 63.187 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 77 Resp: 453890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.8 | 8.1 | 48.1 |
| 105 | 21.9 | 2.0 | 42.0 |
| 51 | 34.4 | 13.9 | 53.9 |

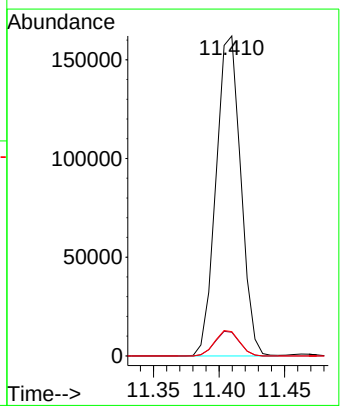


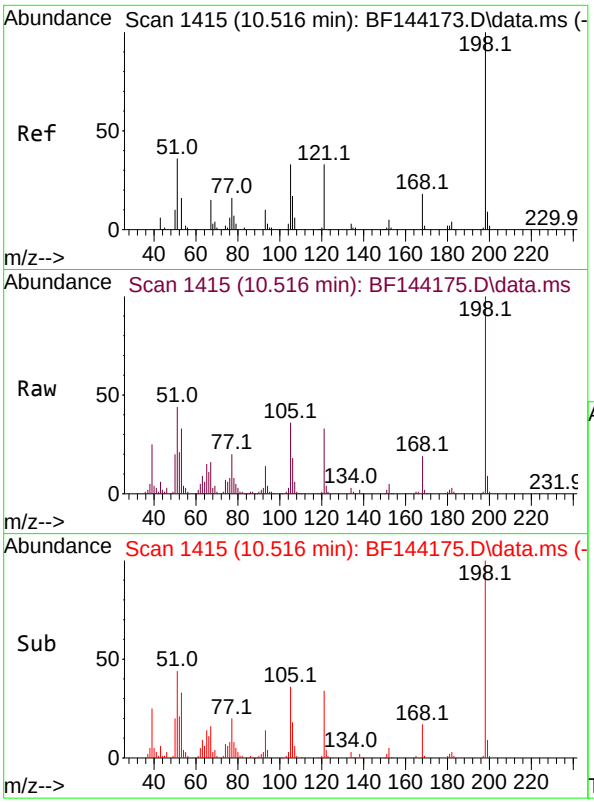




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:188 Resp: 213136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 6.2 | 9.2 |
| 80 | 7.6 | 6.9 | 10.3 |



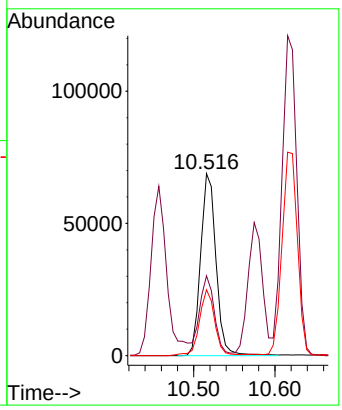


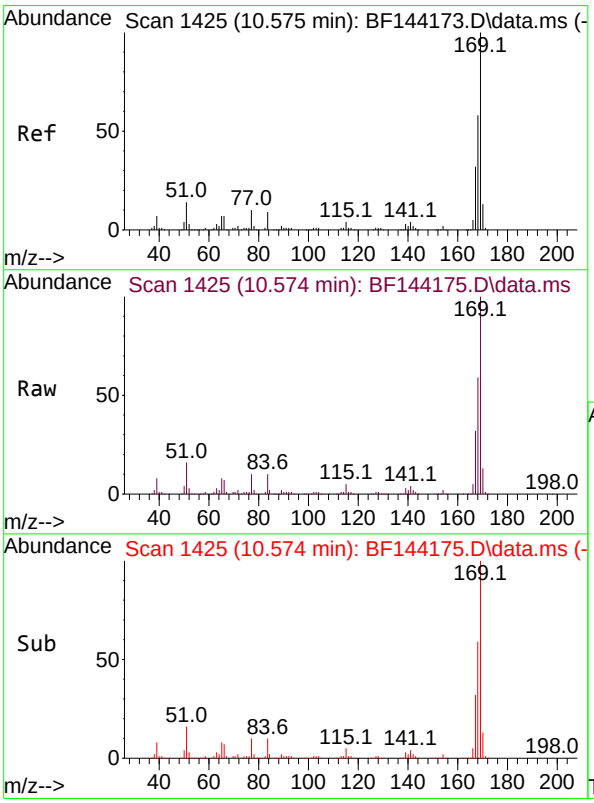

#65
4,6-Dinitro-2-methylphenol
Concen: 62.727 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:198 Resp: 90823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 43.8 | 25.6 | 65.6 |
| 105 | 36.2 | 14.6 | 54.6 |

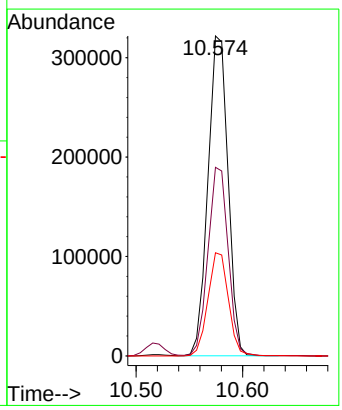


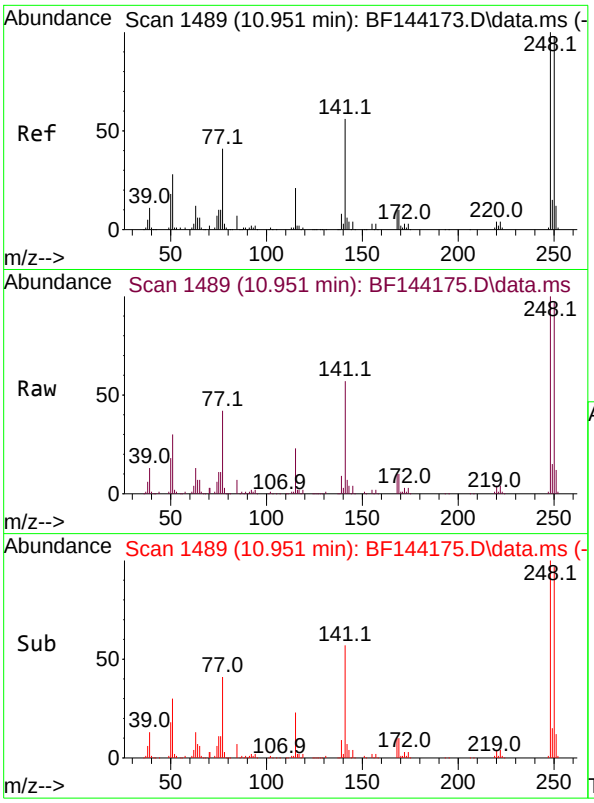




#66
n-Nitrosodiphenylamine
Concen: 61.520 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:169 Resp: 421720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 58.9 | 46.2 | 69.2 |
| 167 | 32.2 | 25.7 | 38.5 |



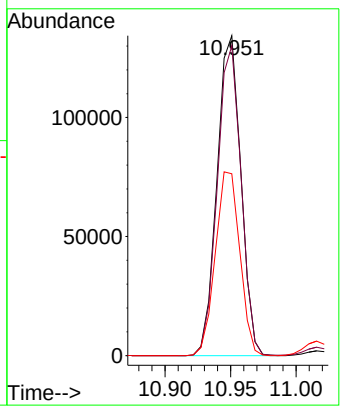


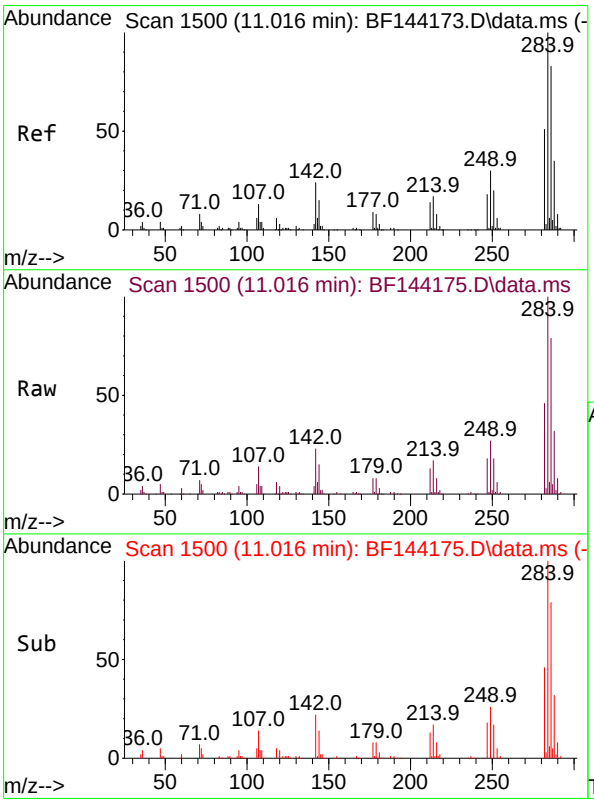

#67
4-Bromophenyl-phenylether
Concen: 62.634 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:248 Resp: 170395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 78.4 | 117.6 |
| 141 | 56.8 | 45.1 | 67.7 |

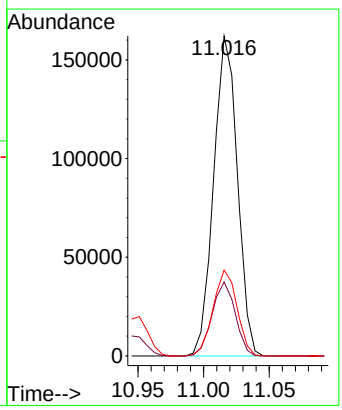


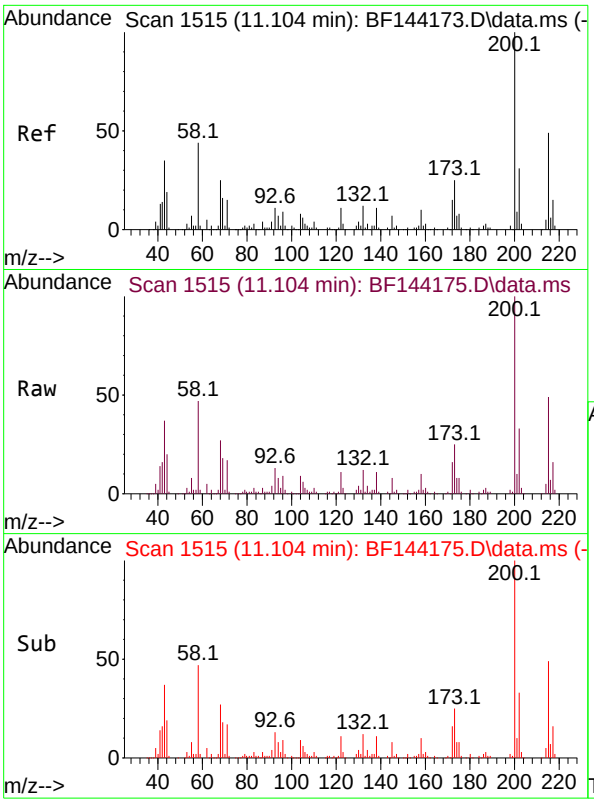




#68
Hexachlorobenzene
Concen: 63.744 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:284 Resp: 204258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.1 | 19.2 | 28.8 |
| 249 | 26.8 | 23.8 | 35.8 |



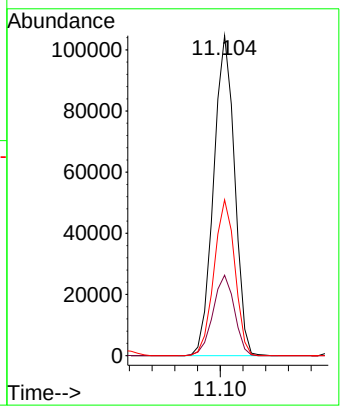


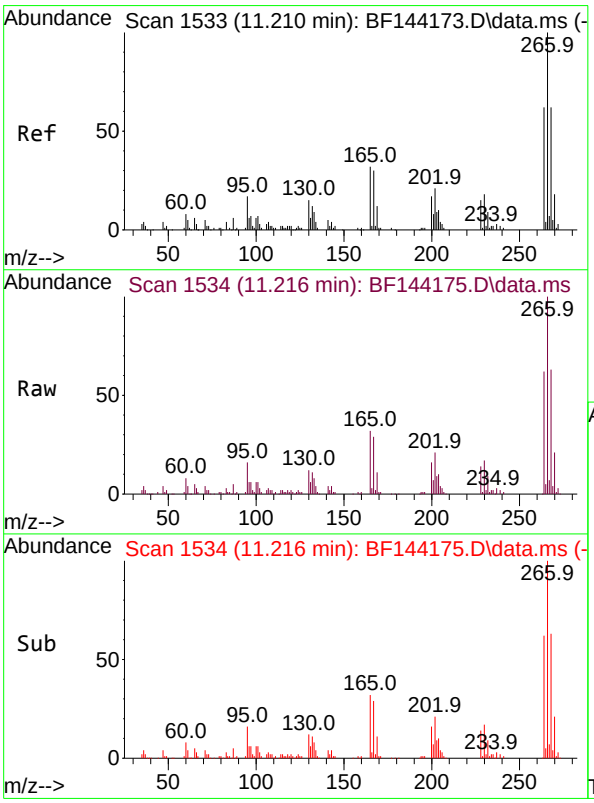

#69
Atrazine
Concen: 61.467 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:200 Resp: 134002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.1 | 5.0 | 45.0 |
| 215 | 48.7 | 28.7 | 68.7 |

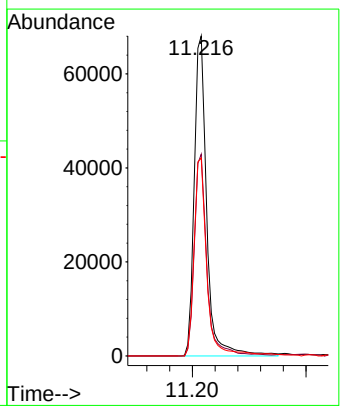


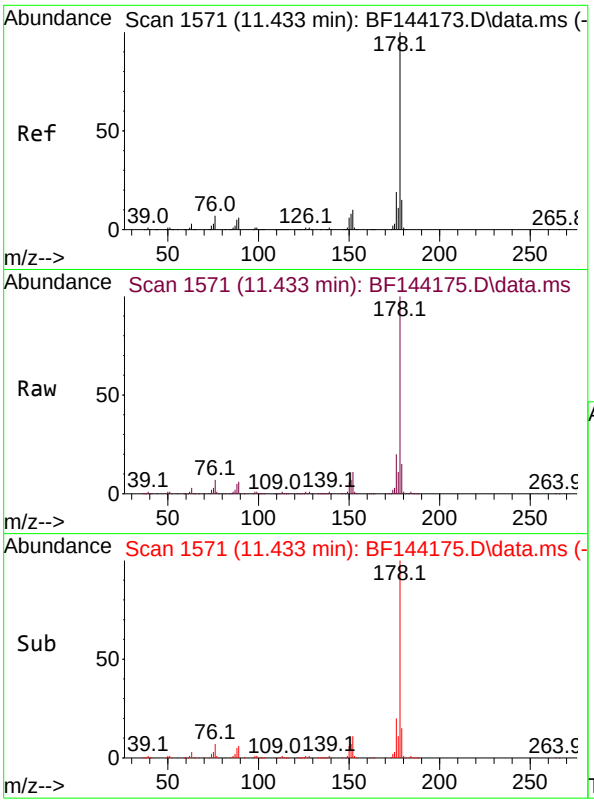




#70
Pentachlorophenol
Concen: 64.842 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:266 Resp: 103466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.0 | 49.5 | 74.3 |
| 264 | 61.8 | 49.4 | 74.2 |



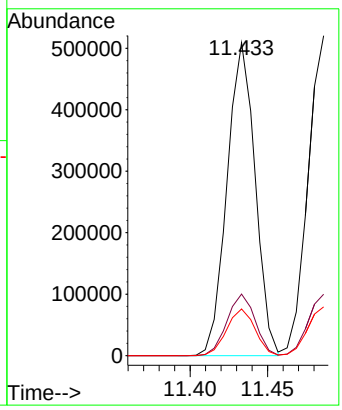


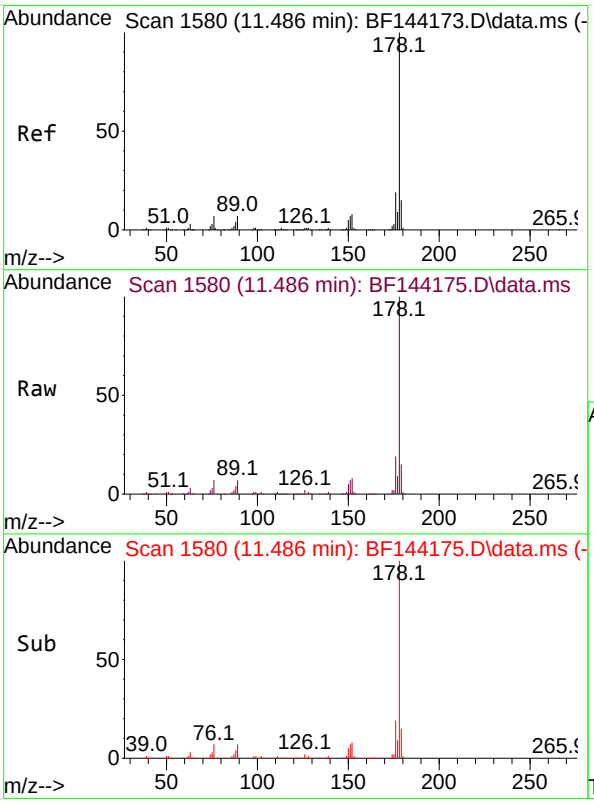

#71
Phenanthrene
Concen: 60.448 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:178 Resp: 641461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.5 | 23.3 |
| 179 | 14.9 | 12.2 | 18.4 |

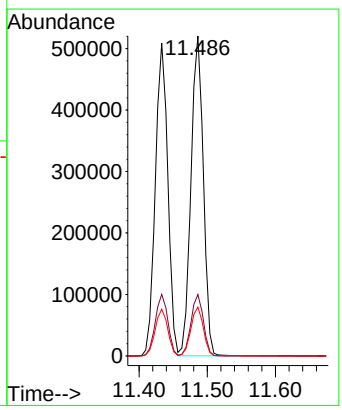


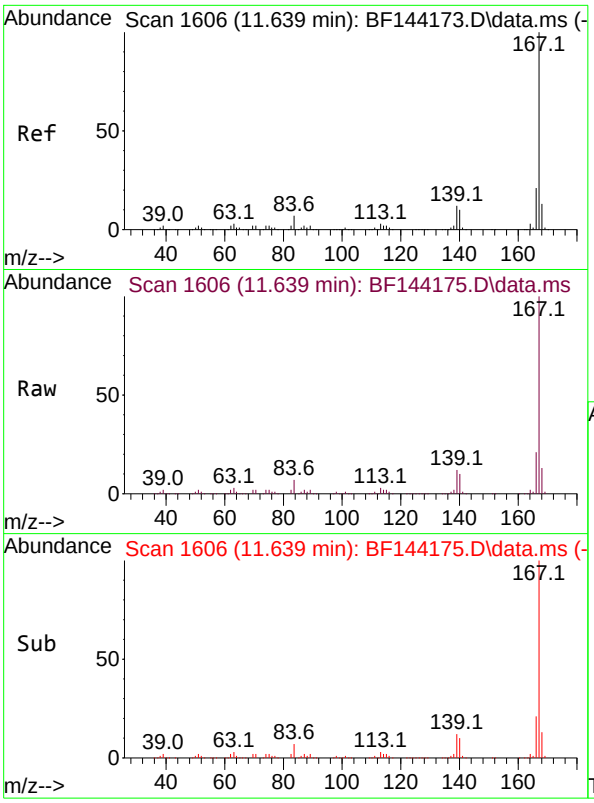




#72
Anthracene
Concen: 60.871 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:178 Resp: 656819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.3 | 22.9 |
| 179 | 15.2 | 12.0 | 18.0 |



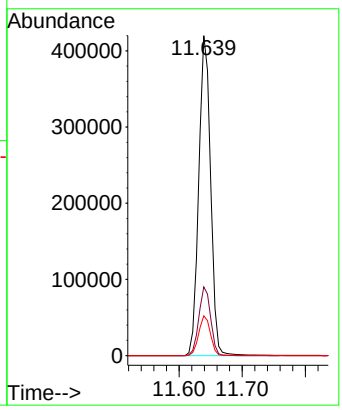


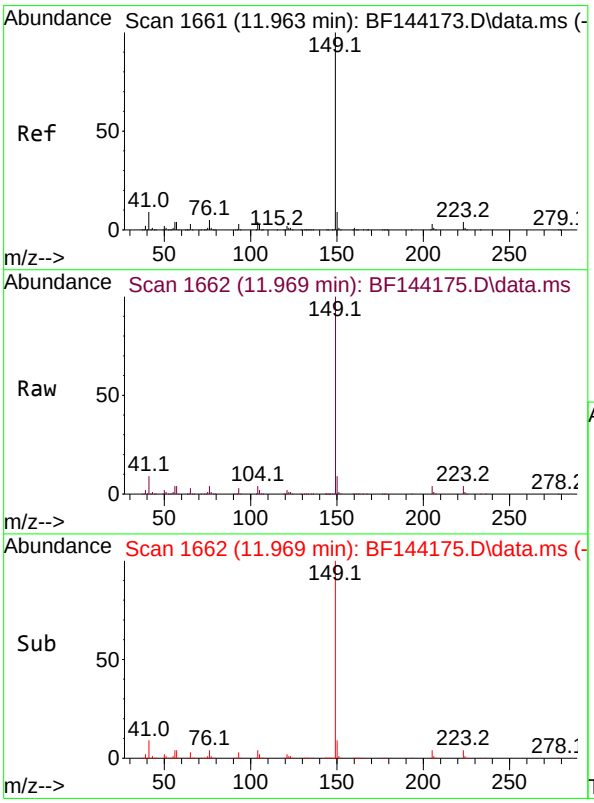

#73
Carbazole
Concen: 59.542 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:167 Resp: 546322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.2 | 25.8 |
| 139 | 12.4 | 9.9 | 14.9 |

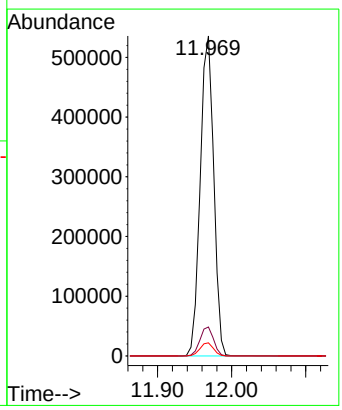


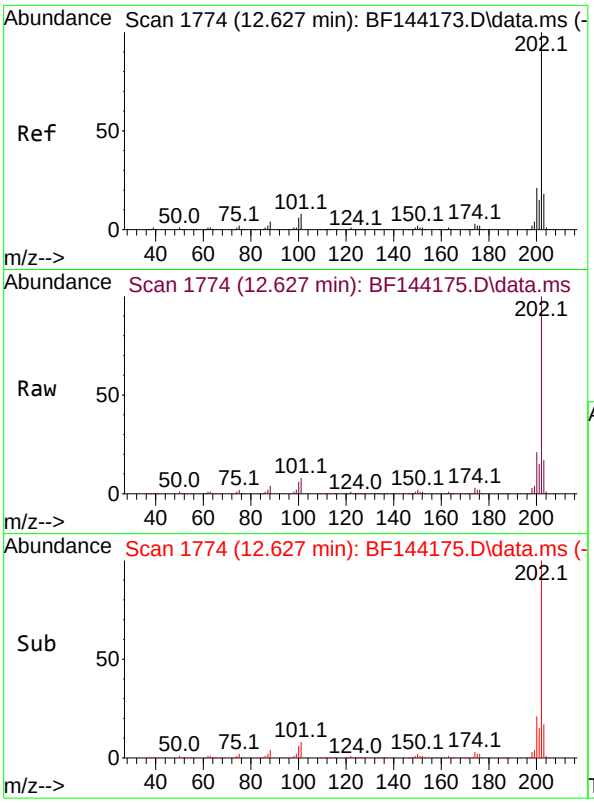




#74
Di-n-butylphthalate
Concen: 61.075 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 677444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.0 |
| 104 | 4.1 | 3.4 | 5.2 |



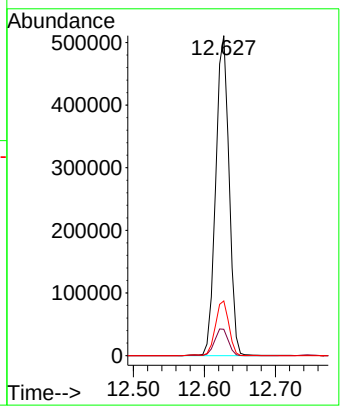


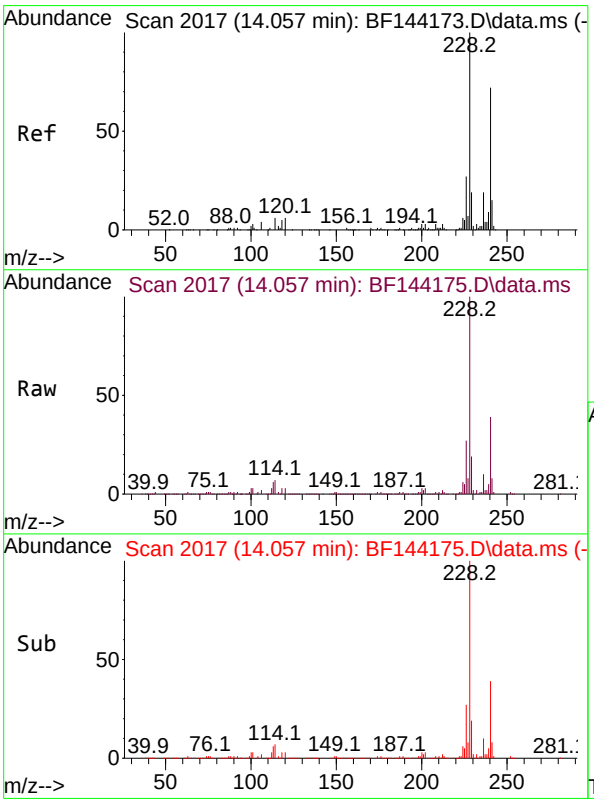

#75
Fluoranthene
Concen: 60.849 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:202 Resp: 667021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.2 | 0.0 | 27.9 |
| 203 | 17.1 | 0.0 | 37.5 |

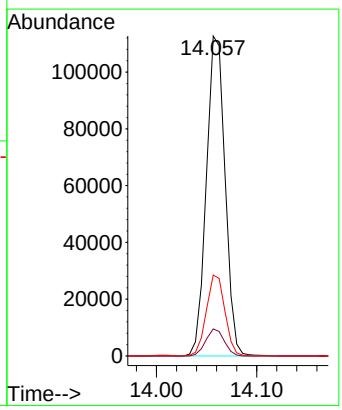


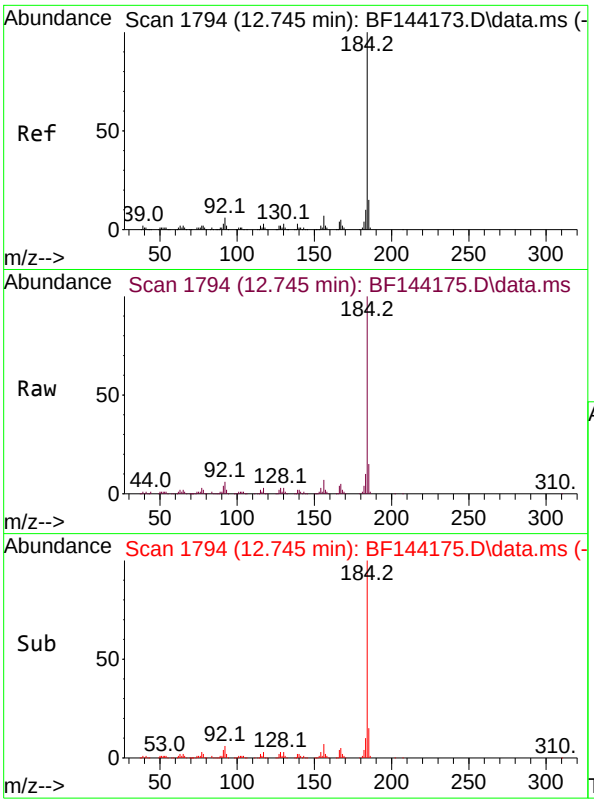




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:240 Resp: 145867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.5 | 6.6 | 10.0 |
| 236 | 25.3 | 21.4 | 32.2 |



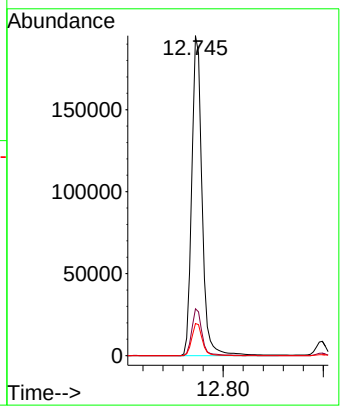


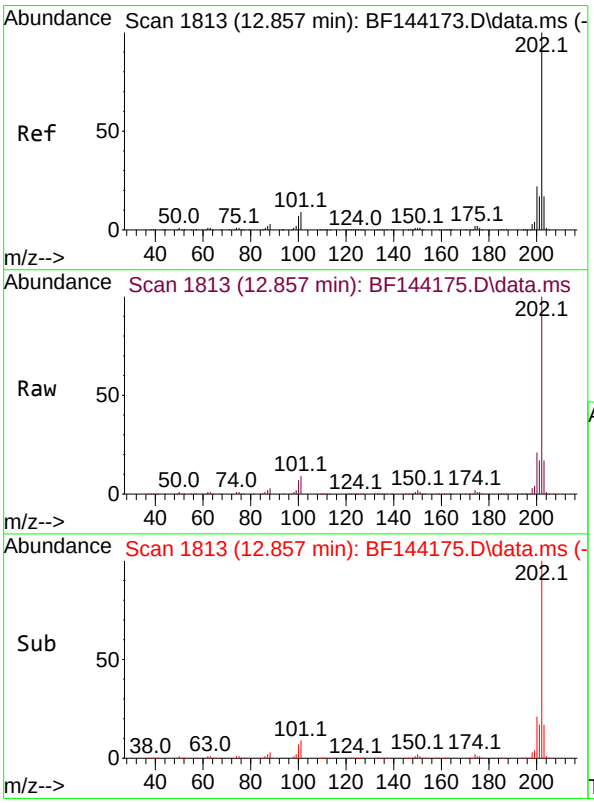

#77
Benzidine
Concen: 64.368 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:184 Resp: 277725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.7 | 17.5 |
| 183 | 10.0 | 8.3 | 12.5 |

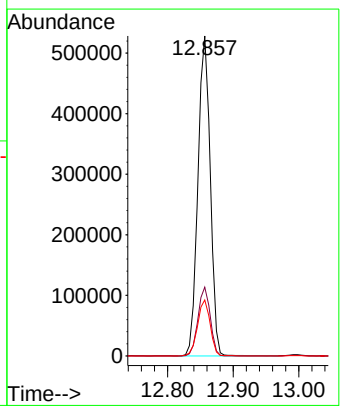


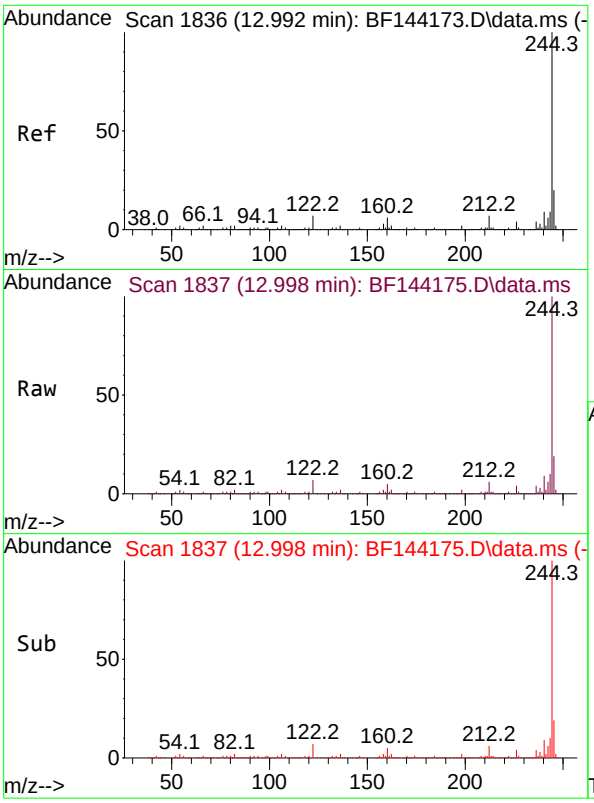




#78
Pyrene
Concen: 58.384 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:202 Resp: 686663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.2 | 25.8 |
| 203 | 17.5 | 13.7 | 20.5 |



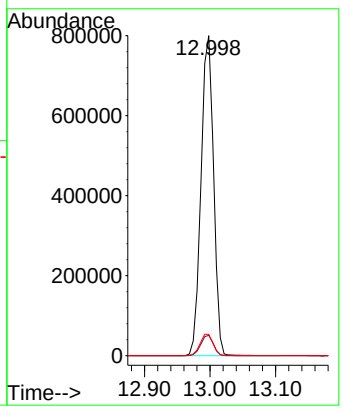


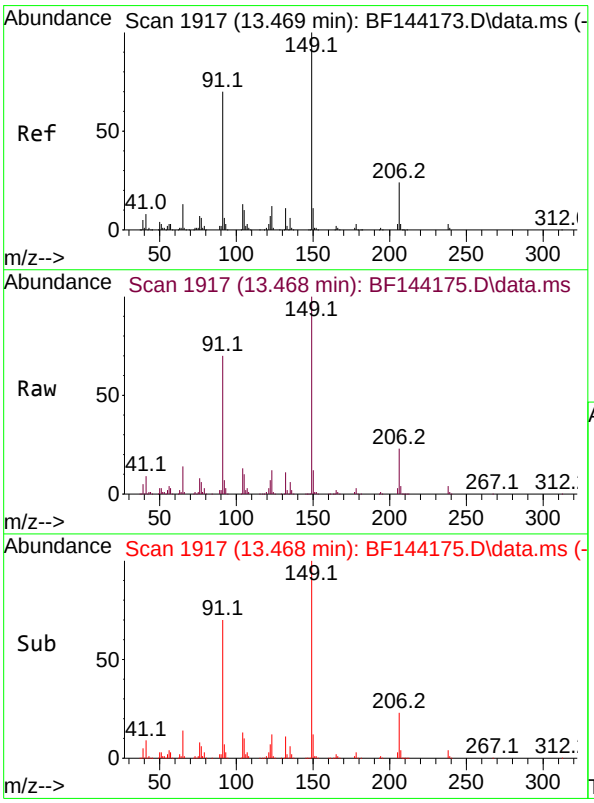

#79
Terphenyl-d14
Concen: 115.147 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:244 Resp: 1057426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.3 | 7.9 |
| 122 | 6.6 | 5.6 | 8.4 |

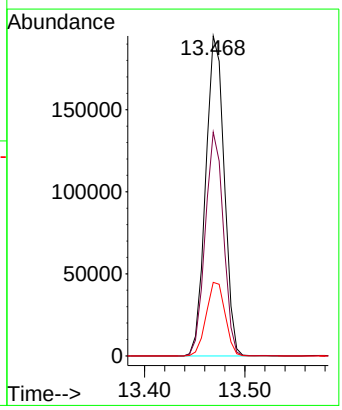


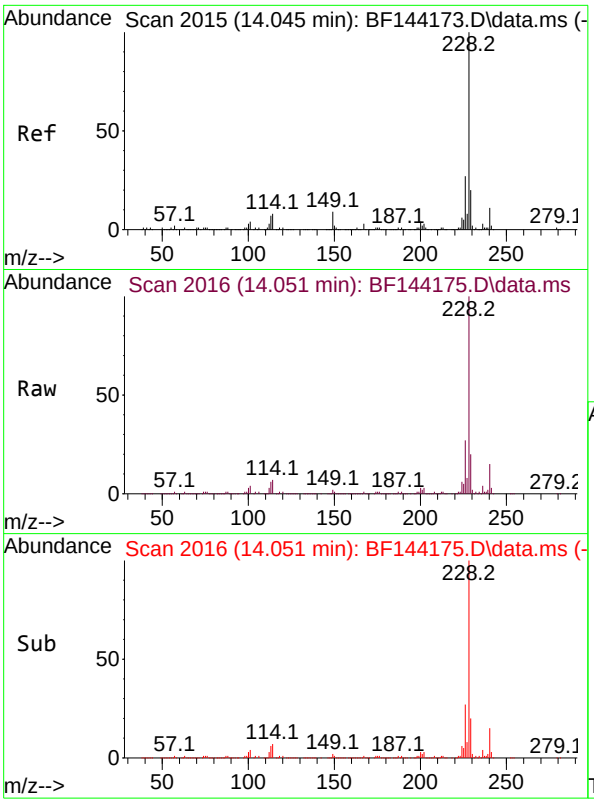




#80
Butylbenzylphthalate
Concen: 61.152 ng
RT: 13.468 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 249274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.9 | 56.1 | 84.1 |
| 206 | 23.0 | 18.8 | 28.2 |



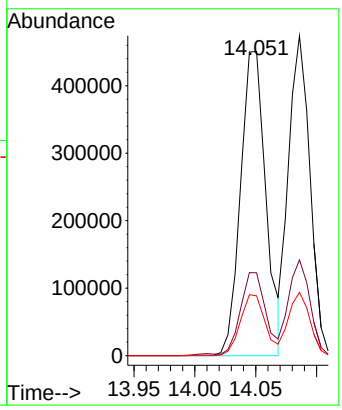


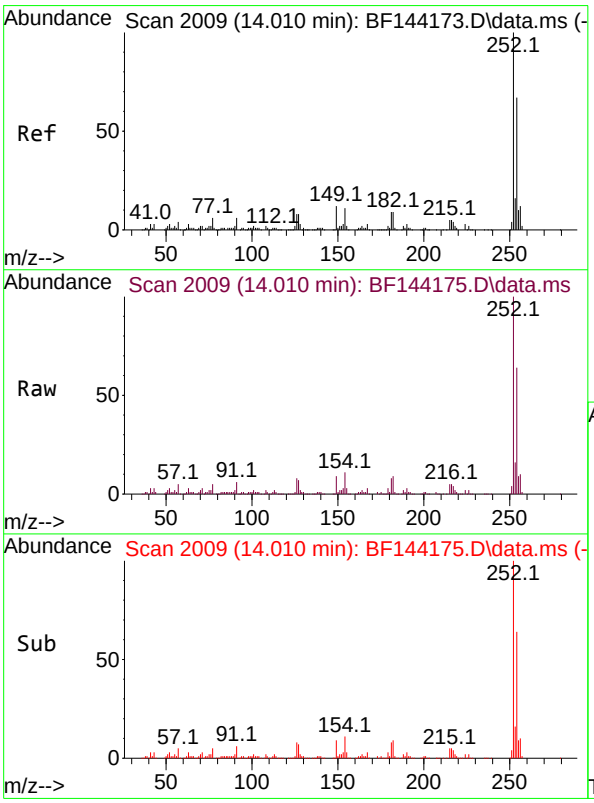

#81
Benzo(a)anthracene
Concen: 64.625 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:228 Resp: 653341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.8 | 32.8 |
| 229 | 19.6 | 15.8 | 23.6 |

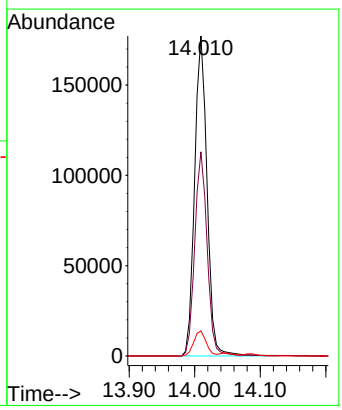


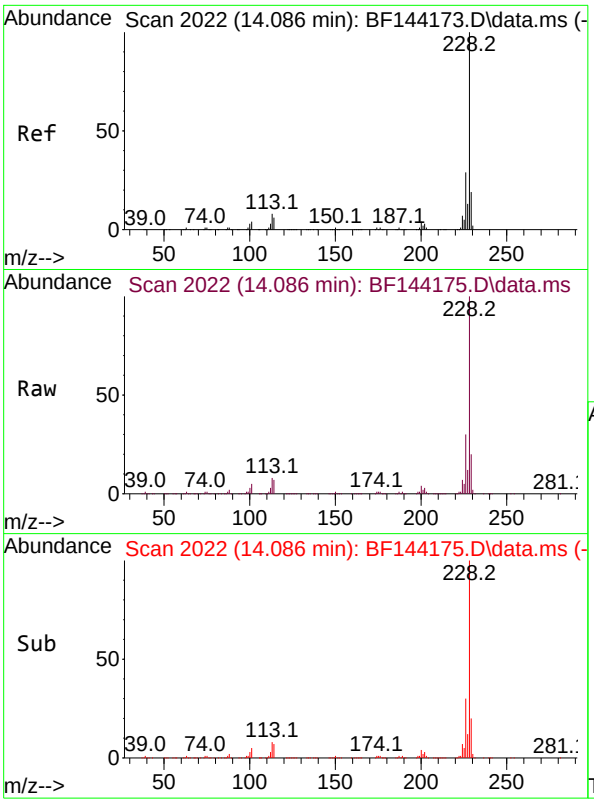




#82
3,3'-Dichlorobenzidine
Concen: 67.182 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:252 Resp: 232807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.8 | 53.5 | 80.3 |
| 126 | 7.8 | 6.4 | 9.6 |



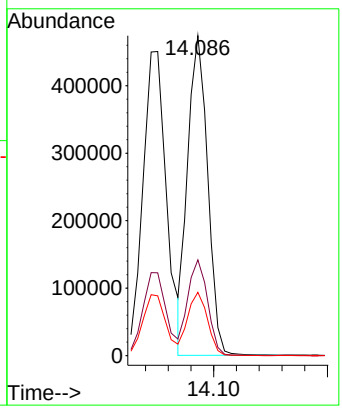


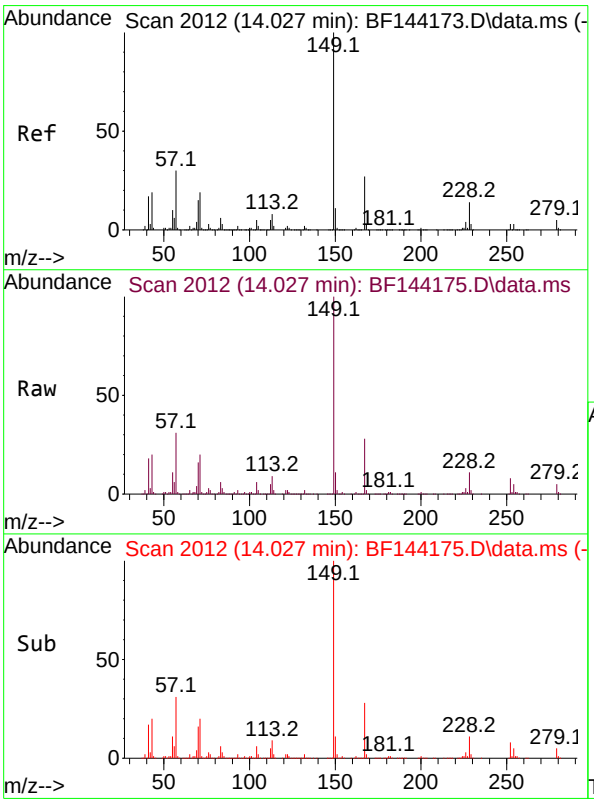

#83
Chrysene
Concen: 62.196 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:228 Resp: 580449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 22.9 | 34.3 |
| 229 | 19.8 | 15.0 | 22.6 |

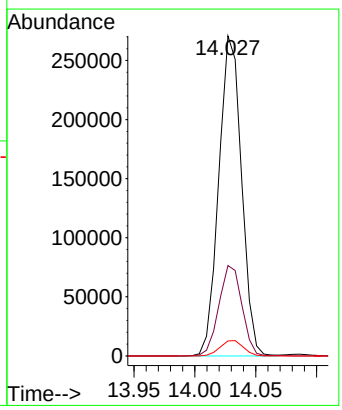


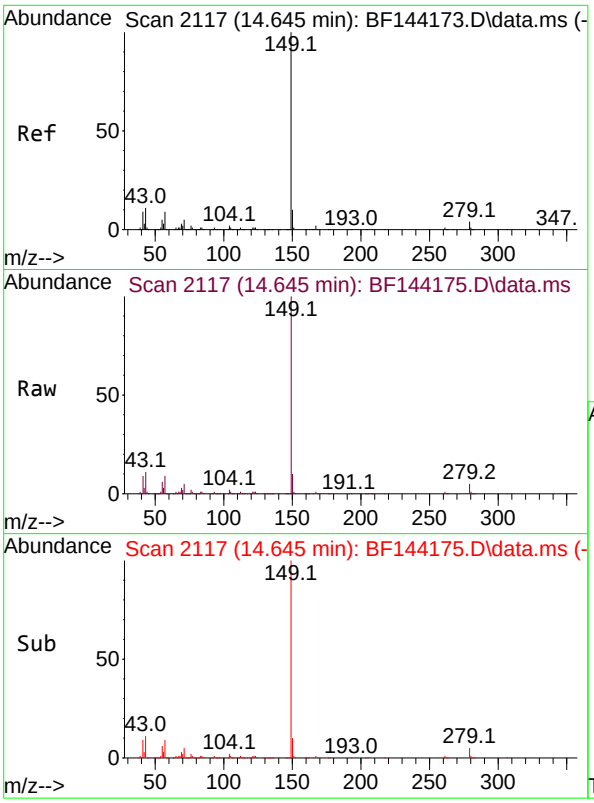




#84
Bis(2-ethylhexyl)phthalate
Concen: 62.991 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 351501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 21.8 | 32.8 |
| 279 | 4.7 | 3.7 | 5.5 |



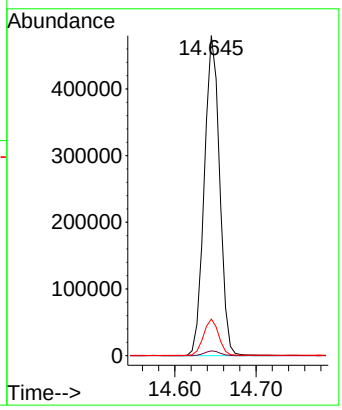


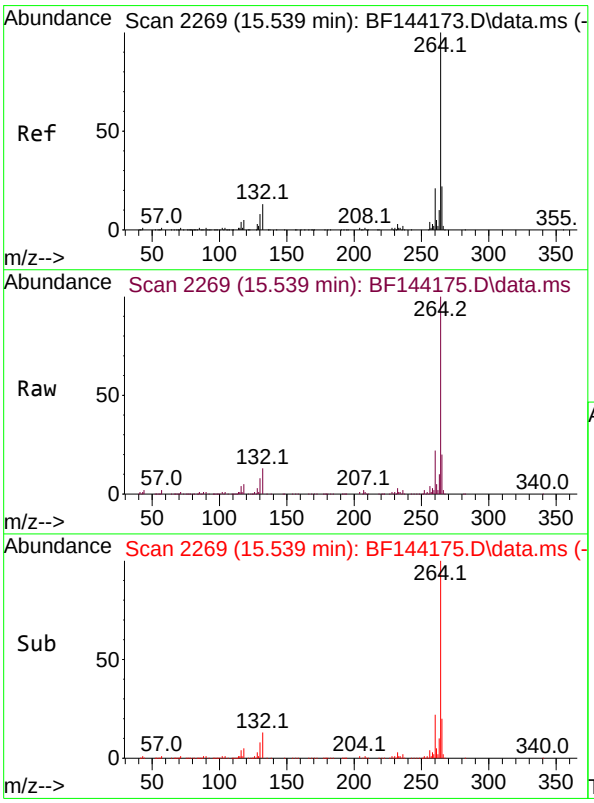

#85
Di-n-octyl phthalate
Concen: 65.547 ng
RT: 14.645 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:149 Resp: 631065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.2 | 1.8 |
| 43 | 11.3 | 9.0 | 13.4 |

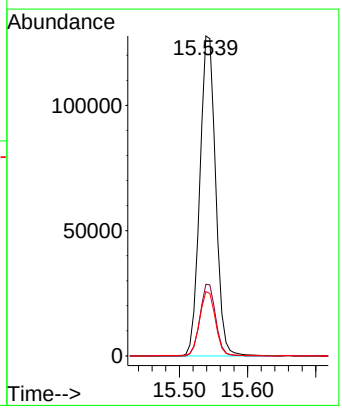


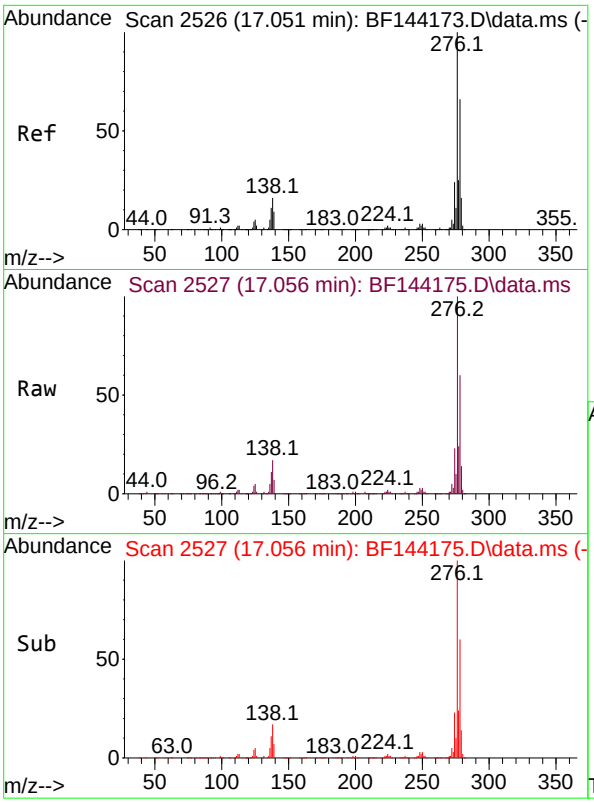




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:264 Resp: 205758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.4 | 17.1 | 25.7 |
| 265 | 20.1 | 17.4 | 26.0 |



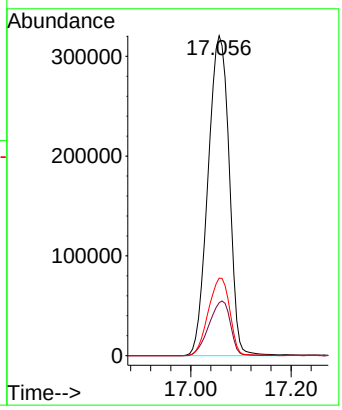


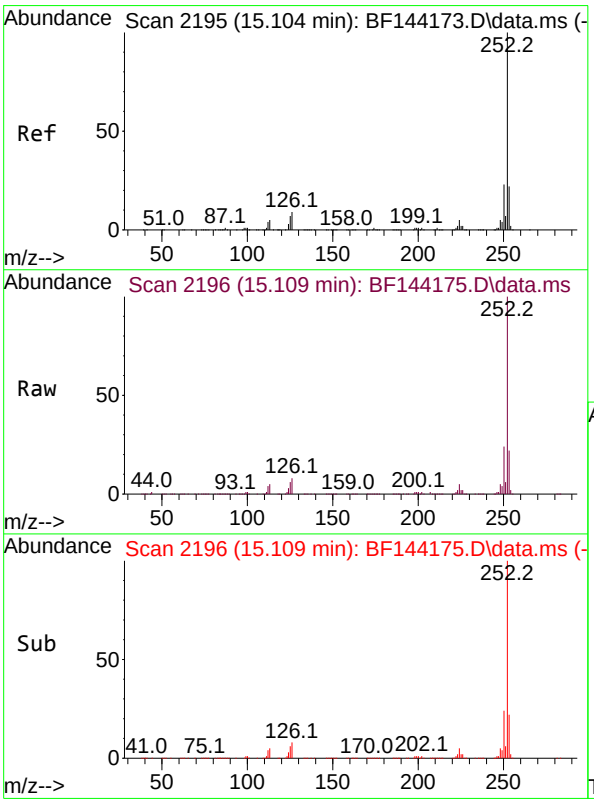

#87
Indeno(1,2,3-cd)pyrene
Concen: 63.557 ng
RT: 17.056 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:276 Resp: 938738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.4 | 13.9 | 20.9 |
| 277 | 24.6 | 19.8 | 29.6 |

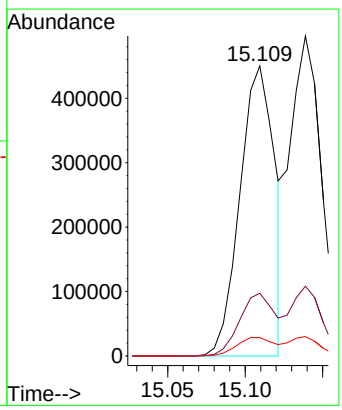


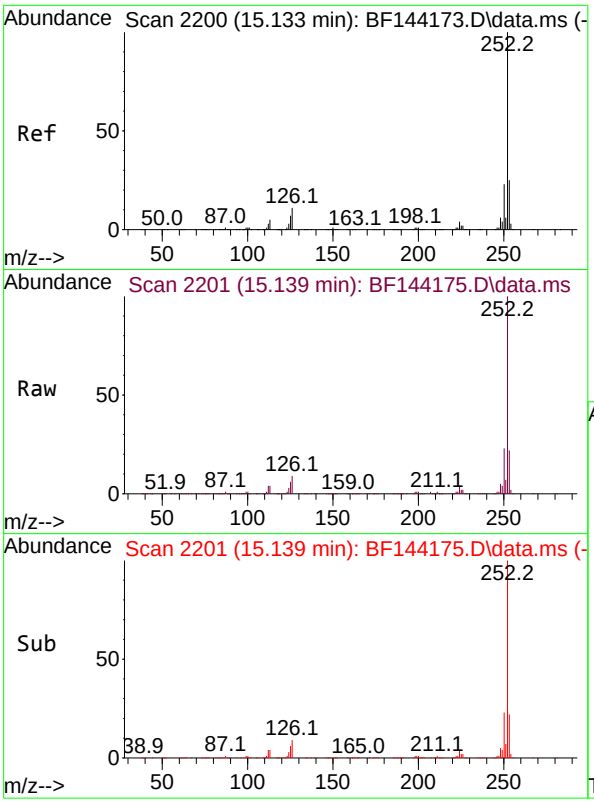




#88
Benzo(b)fluoranthene
Concen: 59.849 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:252 Resp: 700099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.4 | 26.2 |
| 125 | 6.3 | 5.3 | 7.9 |



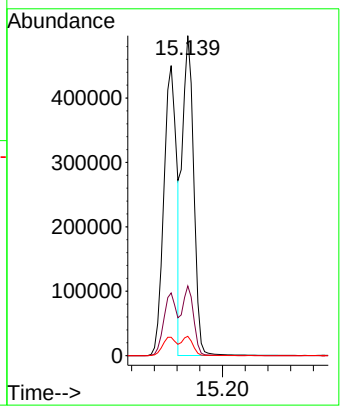


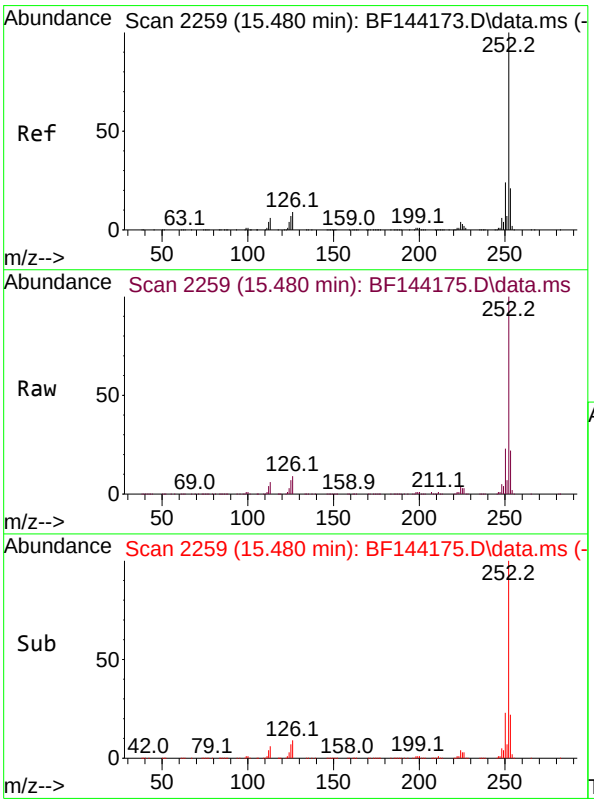

#89
Benzo(k)fluoranthene
Concen: 63.919 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:252 Resp: 699851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.0 | 27.0 |
| 125 | 6.0 | 5.4 | 8.2 |

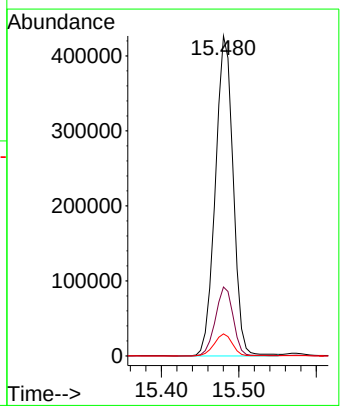


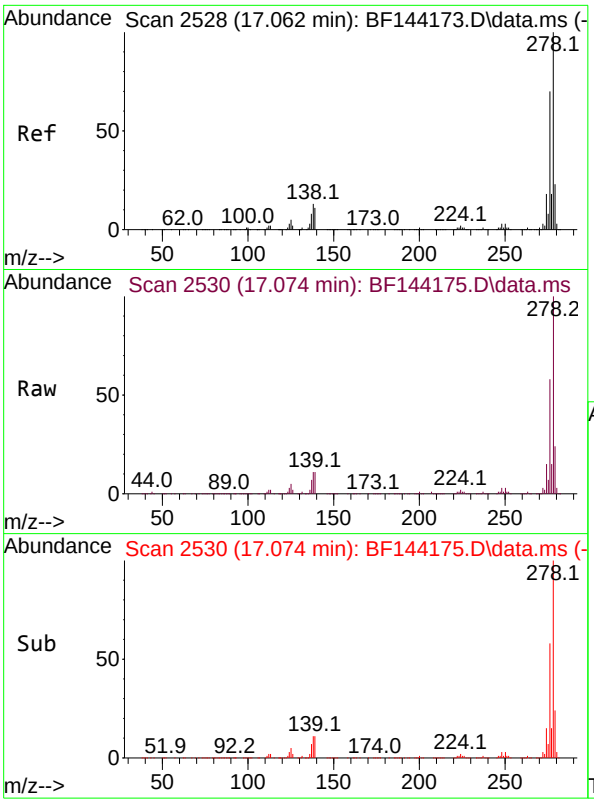




#90
Benzo(a)pyrene
Concen: 63.078 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:252 Resp: 680720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 16.7 | 25.1 |
| 125 | 6.9 | 5.7 | 8.5 |



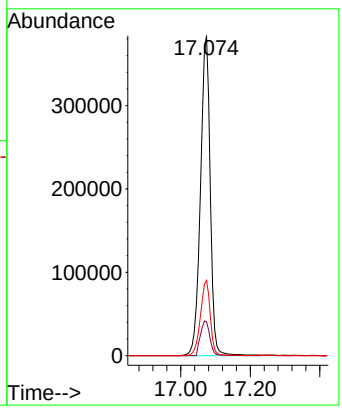


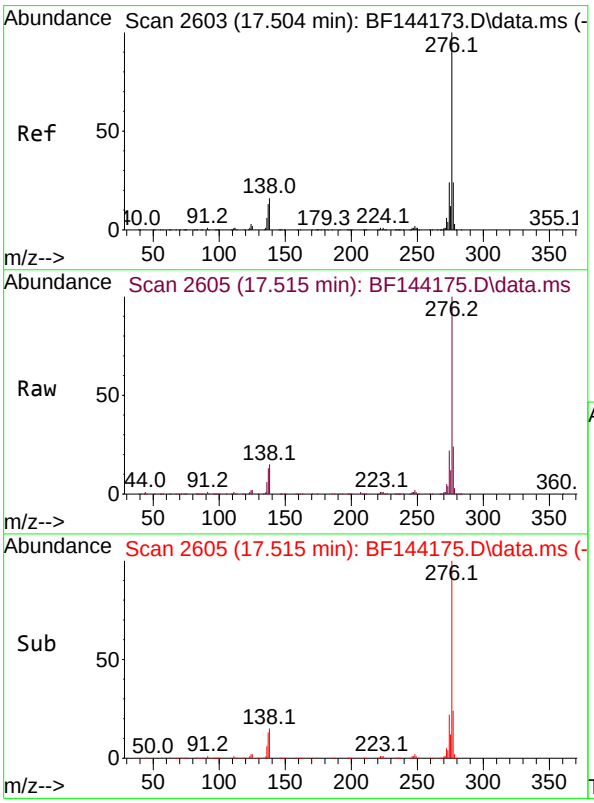

#91
Dibenzo(a,h)anthracene
Concen: 62.936 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:278 Resp: 746544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.6 | 9.1 | 13.7 |
| 279 | 23.5 | 18.2 | 27.4 |

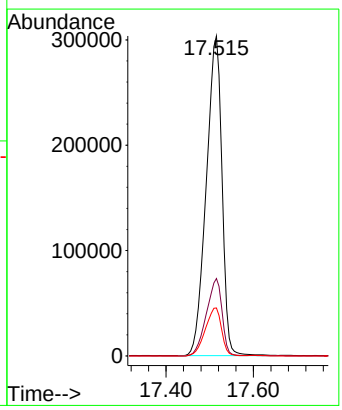



#92
Benzo(g,h,i)perylene
Concen: 64.699 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 757880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.0 | 28.4 |
| 138 | 15.0 | 12.9 | 19.3 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 69287 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.163 | 136 | 261584 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 147600 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 244733 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 156809 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.545 | 264 | 213275 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.492 | 112 | 661124 | 149.317 | ng | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 742089 | 147.919 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 707494 | 156.207 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 293555 | 158.489 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 1397211 | 139.809 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1449323 | 146.810 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.604 | 88 | 149682 | 81.770 | ng | 99 |
| 3) Pyridine | 3.375 | 79 | 427549 | 83.719 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.346 | 42 | 224403 | 84.122 | ng | 98 |
| 6) Aniline | 6.545 | 93 | 532078 | 74.439 | ng | 98 |
| 8) 2-Chlorophenol | 6.663 | 128 | 333730 | 76.859 | ng | 100 |
| 9) Benzaldehyde | 6.428 | 77 | 189297 | 66.820 | ng | 97 |
| 10) Phenol | 6.528 | 94 | 441818 | 72.080 | ng | 78 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 348844 | 78.104 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 406743 | 75.913 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.892 | 146 | 405797 | 75.597 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 389053 | 75.617 | ng | 99 |
| 15) Benzyl Alcohol | 7.022 | 79 | 317271 | 79.866 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 620126 | 75.396 | ng | 88 |
| 17) 2-Methylphenol | 7.128 | 107 | 265517 | 76.865 | ng | 99 |
| 18) Hexachloroethane | 7.386 | 117 | 139795 | 78.387 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 249355 | 75.502 | ng | 98 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 299182 | 73.473 | ng | 97 |
| 22) Acetophenone | 7.292 | 105 | 409610 | 72.994 | ng | 94 |
| 24) Nitrobenzene | 7.463 | 77 | 385188 | 78.328 | ng | 98 |
| 25) Isophorone | 7.704 | 82 | 689837 | 80.522 | ng | 99 |
| 26) 2-Nitrophenol | 7.775 | 139 | 194869 | 80.050 | ng | 94 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 287607 | 78.826 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 407835 | 76.234 | ng | 97 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 311260 | 74.016 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 326475 | 75.604 | ng | 97 |
| 31) Naphthalene | 8.186 | 128 | 920731 | 73.994 | ng | 99 |
| 32) Benzoic acid | 7.951 | 122 | 213364 | 79.777 | ng | 97 |
| 33) 4-Chloroaniline | 8.233 | 127 | 341033 | 75.146 | ng | 97 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 249435 | 76.645 | ng | 98 |
| 35) Caprolactam | 8.622 | 113 | 91899 | 79.765 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 290083 | 76.969 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 610532 | 73.386 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 586747 | 73.093 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 361014 | 74.631 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.028 | 237 | 146524 | 78.238 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 254681 | 77.355 | ng | 98 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 268940 | 75.791 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 749883 | 72.784 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.369 | 162 | 641521 | 72.995 | ng | 99 |
| 48) 2-Nitroaniline | 9.463 | 65 | 203746 | 80.348 | ng | 98 |
| 49) Acenaphthylene | 9.780 | 152 | 889410 | 74.264 | ng | 99 |
| 50) Dimethylphthalate | 9.633 | 163 | 736477 | 75.318 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 156870 | 79.250 | ng | 98 |
| 52) Acenaphthene | 9.951 | 154 | 594593 | 74.243 | ng | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 167110 | 77.230 | ng | 96 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 96727 | 80.924 | ng | 96 |
| 55) Dibenzofuran | 10.128 | 168 | 802174 | 71.517 | ng | 98 |
| 56) 4-Nitrophenol | 10.039 | 139 | 117050 | 74.782 | ng | 93 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 208441 | 78.661 | ng | 95 |
| 58) Fluorene | 10.469 | 166 | 618508 | 72.526 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 203523 | 81.067 | ng | 98 |
| 60) Diethylphthalate | 10.339 | 149 | 686705 | 76.182 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 357010 | 73.492 | ng | 95 |
| 62) 4-Nitroaniline | 10.498 | 138 | 158441 | 76.889 | ng | 98 |
| 63) Azobenzene | 10.622 | 77 | 646943 | 77.117 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 134894 | 81.136 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 600791 | 76.327 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 246236 | 78.826 | ng | 97 |
| 68) Hexachlorobenzene | 11.022 | 284 | 289823 | 78.769 | ng | 97 |
| 69) Atrazine | 11.110 | 200 | 191862 | 76.645 | ng | 99 |
| 70) Pentachlorophenol | 11.216 | 266 | 161918 | 88.373 | ng | 99 |
| 71) Phenanthrene | 11.433 | 178 | 916773 | 75.238 | ng | 99 |
| 72) Anthracene | 11.486 | 178 | 916037 | 73.934 | ng | 99 |
| 73) Carbazole | 11.645 | 167 | 777702 | 73.816 | ng | 100 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 965695 | 75.822 | ng | 100 |
| 75) Fluoranthene | 12.627 | 202 | 937436 | 74.476 | ng | 99 |
| 77) Benzidine | 12.751 | 184 | 347077 | 74.828 | ng | 99 |
| 78) Pyrene | 12.857 | 202 | 943190 | 74.600 | ng | 99 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 344575 | 78.633 | ng | 99 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 856602 | 78.818 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 301919 | 81.046 | ng | 97 |
| 83) Chrysene | 14.086 | 228 | 792397 | 78.982 | ng | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 479285 | 79.898 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 855486 | 82.657 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.062 | 276 | 1215637 | 79.403 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.110 | 252 | 975518 | 80.454 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.145 | 252 | 870791 | 76.728 | ng | 98 |
| 90) Benzo(a)pyrene | 15.486 | 252 | 877623 | 78.458 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.080 | 278 | 970735 | 78.952 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.521 | 276 | 981387 | 80.827 | ng | 98 |

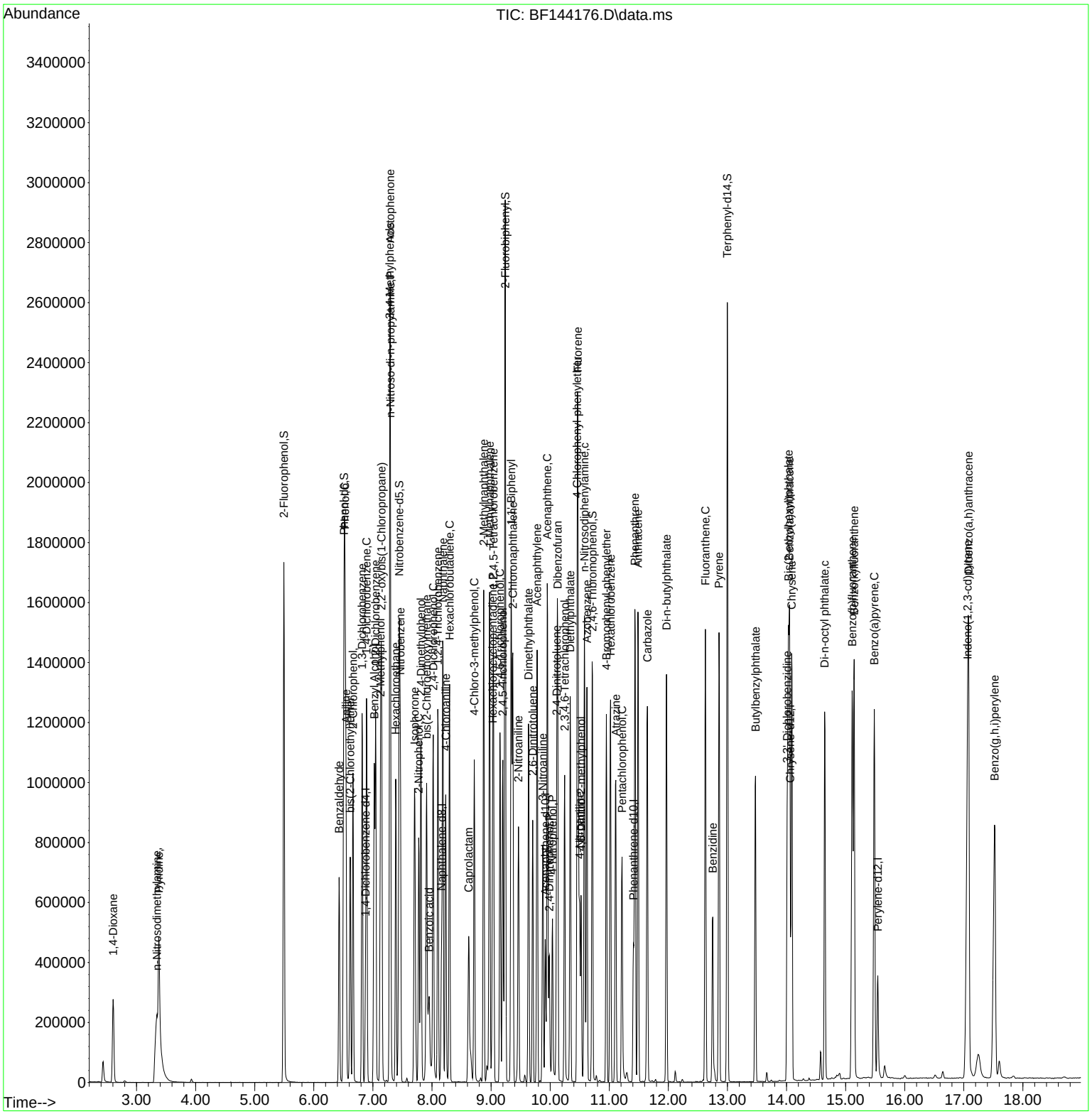
(#) = qualifier out of range (m) = manual integration (+) = signals summed

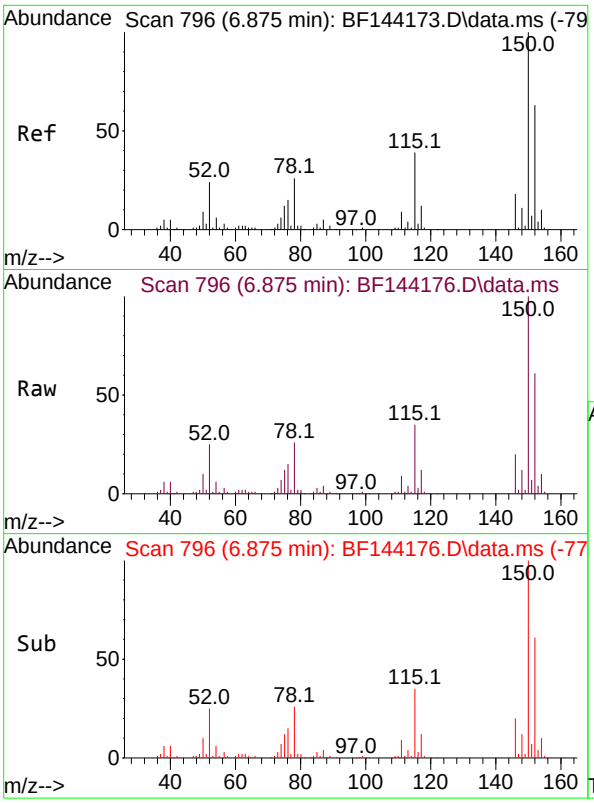
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



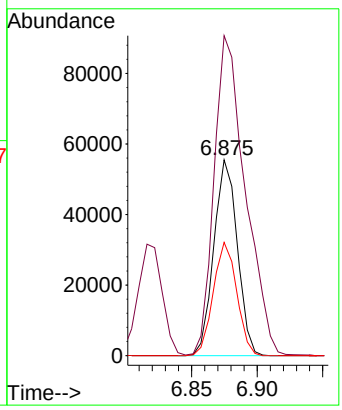


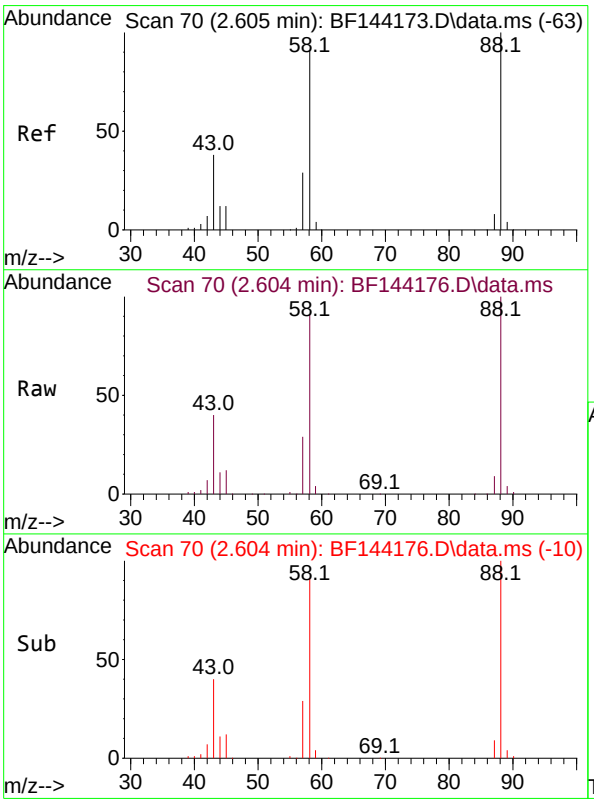

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:152 Resp: 69287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.4 | 127.4 | 191.0 |
| 115 | 57.8 | 49.5 | 74.3 |

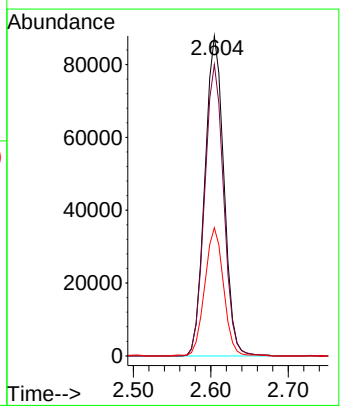


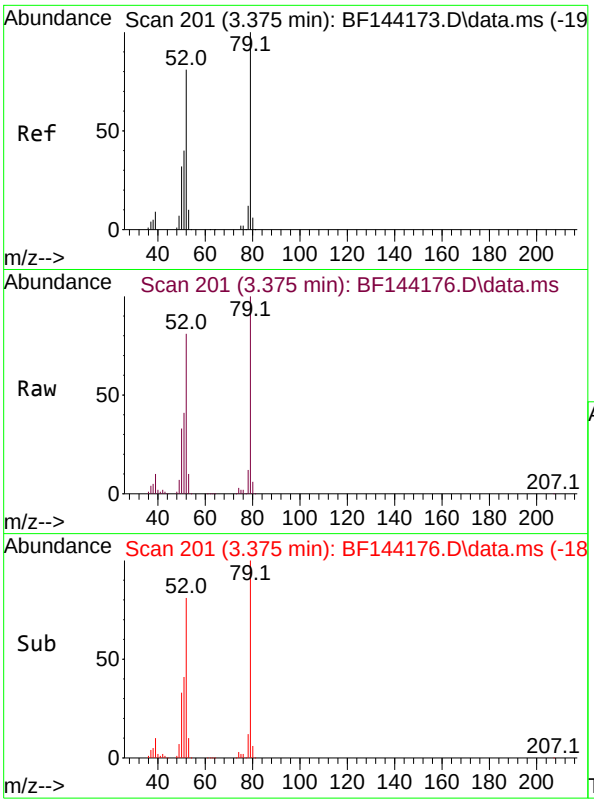




#2
1,4-Dioxane
Concen: 81.770 ng
RT: 2.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 88 Resp: 149682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 91.2 | 73.1 | 109.7 |
| 43 | 39.7 | 31.0 | 46.6 |



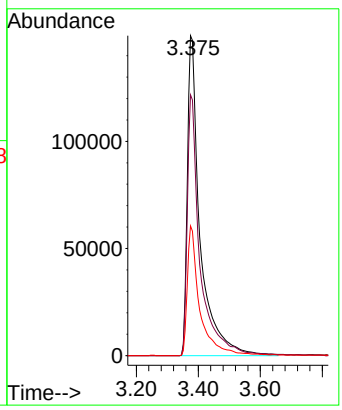


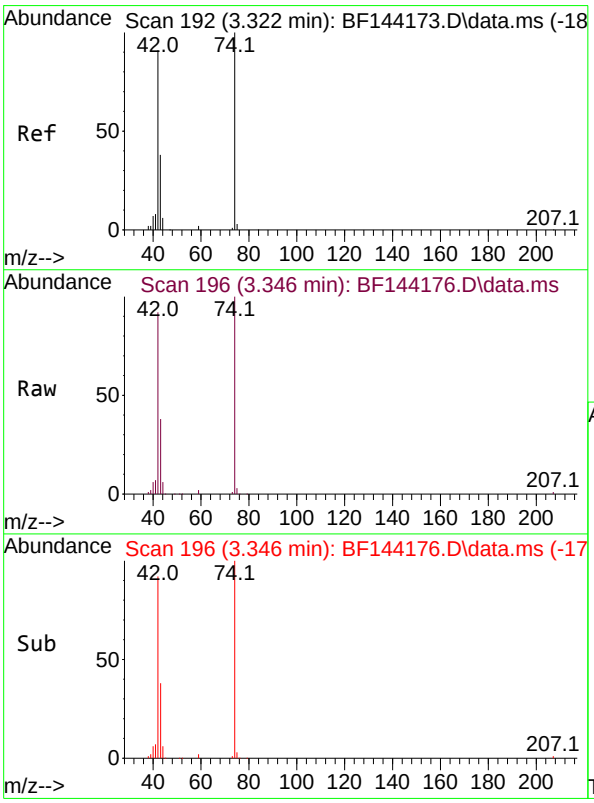

#3
Pyridine
Concen: 83.719 ng
RT: 3.375 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 79 Resp: 427549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.5 | 64.5 | 96.7 |
| 51 | 40.5 | 31.7 | 47.5 |

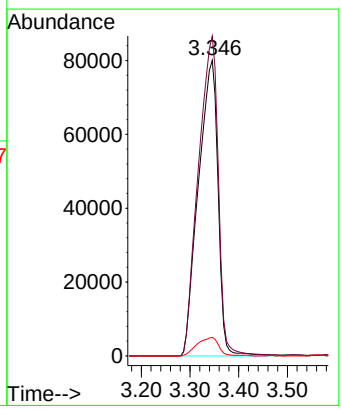


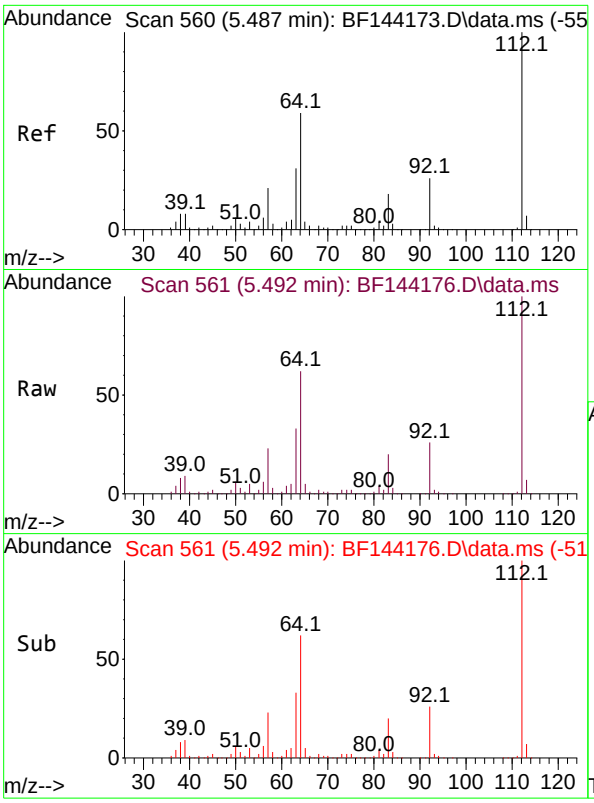




#4
n-Nitrosodimethylamine
Concen: 84.122 ng
RT: 3.346 min Scan# 196
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 42 Resp: 224403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 108.2 | 88.2 | 132.4 |
| 44 | 6.2 | 5.7 | 8.5 |



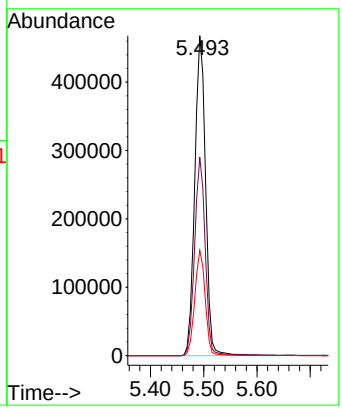


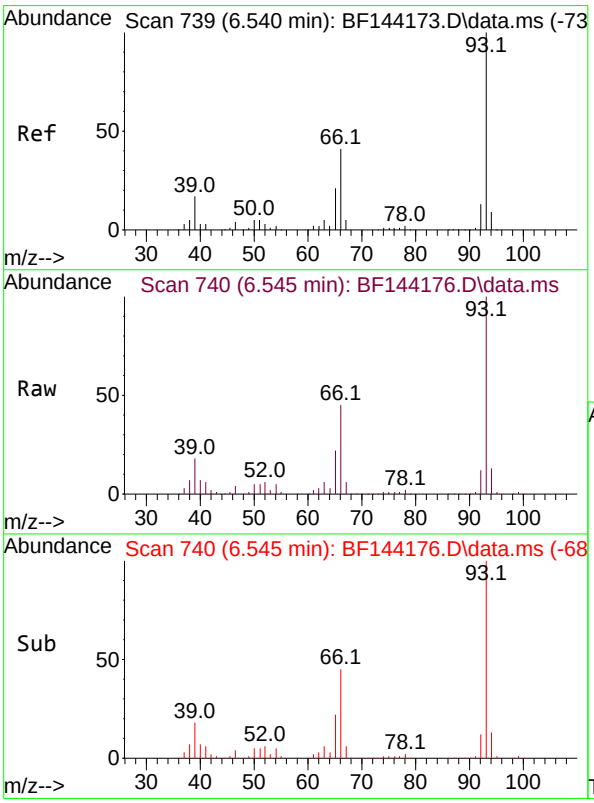

#5
2-Fluorophenol
Concen: 149.317 ng
RT: 5.492 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:112 Resp: 661124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.0 | 47.2 | 70.8 |
| 63 | 32.9 | 24.4 | 36.6 |

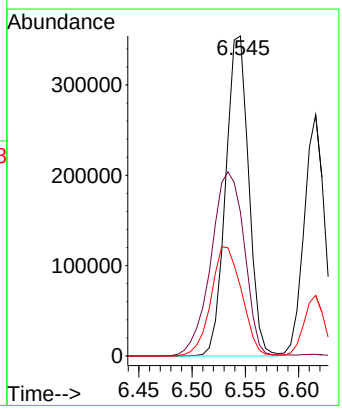


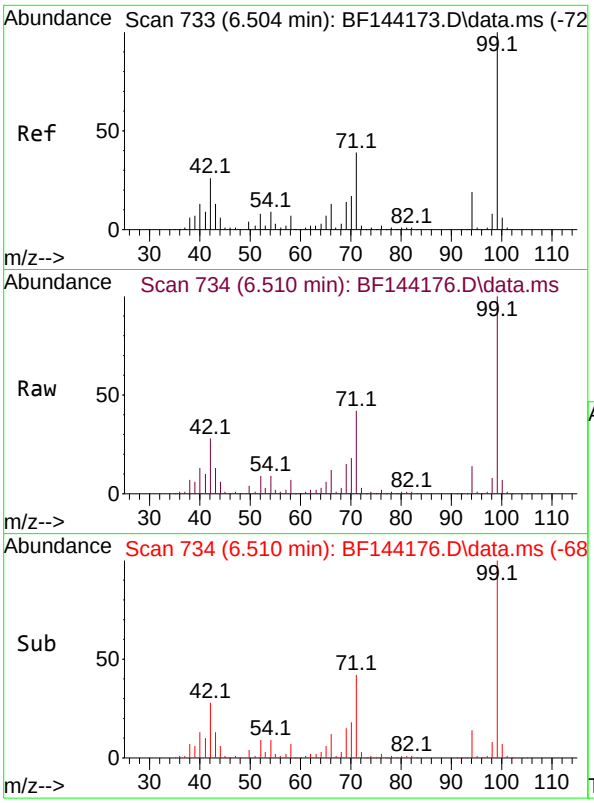




#6
Aniline
Concen: 74.439 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 532078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.9 | 34.3 | 51.5 |
| 65 | 21.6 | 16.9 | 25.3 |



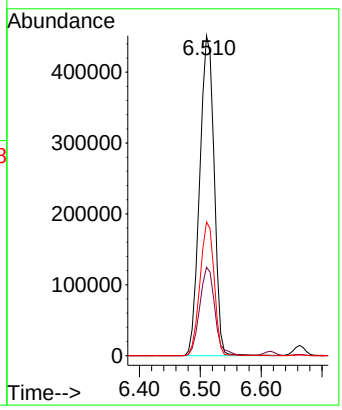


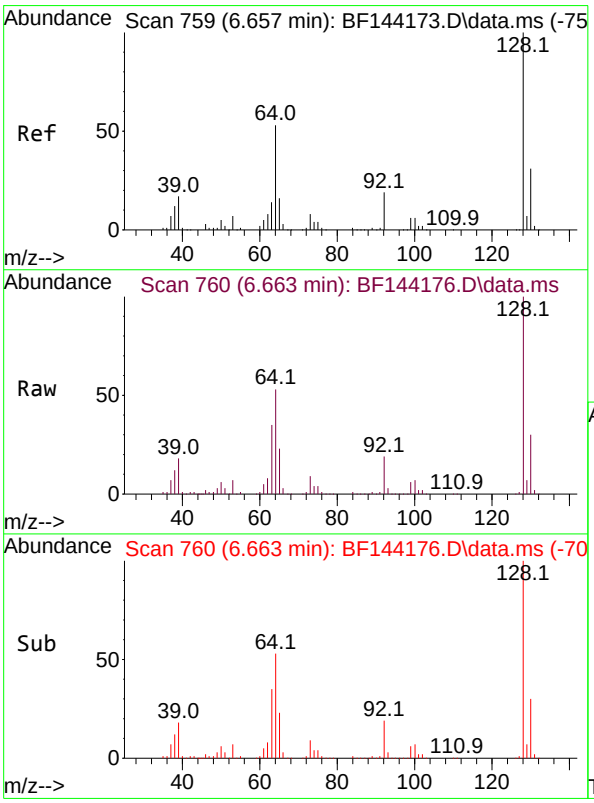

#7
Phenol-d6
Concen: 147.919 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 99 Resp: 742089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.6 | 20.9 | 31.3 |
| 71 | 41.8 | 31.4 | 47.2 |

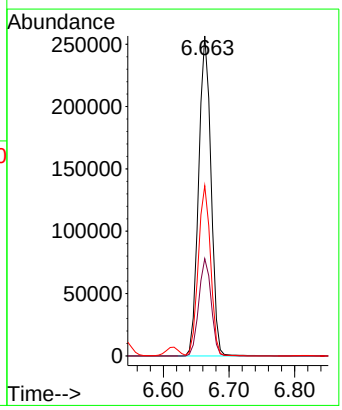


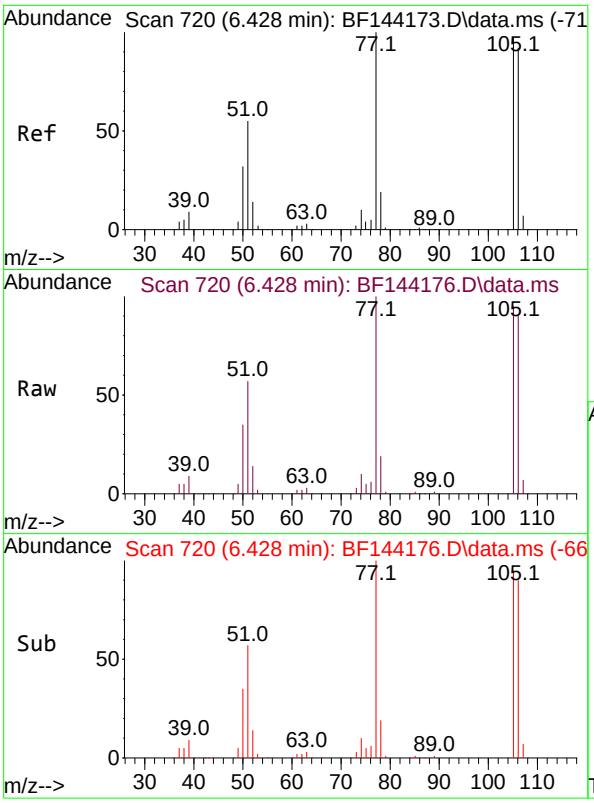




#8
2-Chlorophenol
Concen: 76.859 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:128 Resp: 333730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.4 | 10.5 | 50.5 |
| 64 | 53.2 | 33.2 | 73.2 |



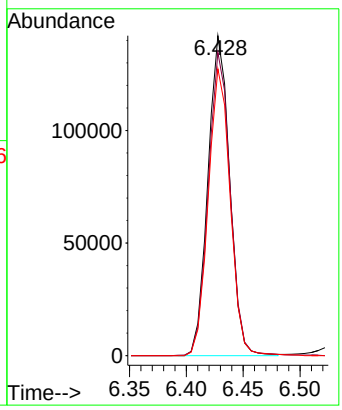


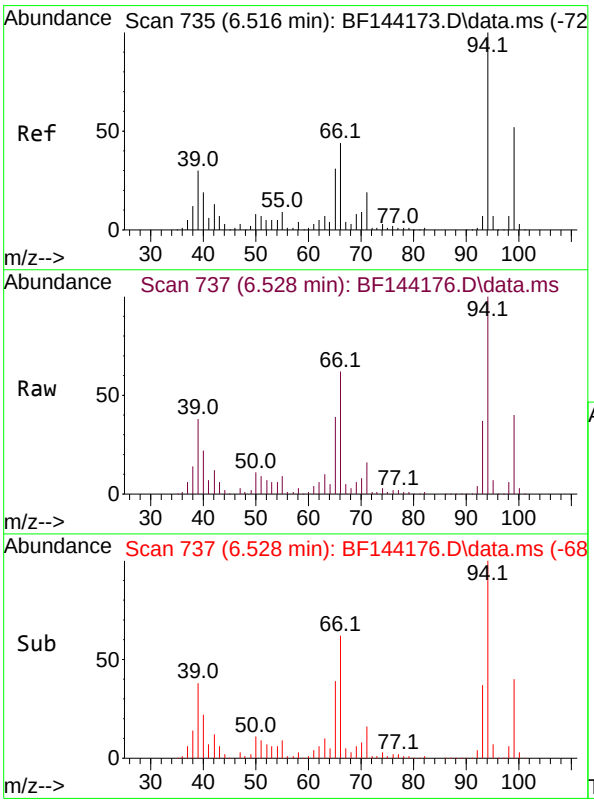

#9
Benzaldehyde
Concen: 66.820 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 77 Resp: 189297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.7 | 77.2 | 117.2 |
| 106 | 89.6 | 72.2 | 112.2 |

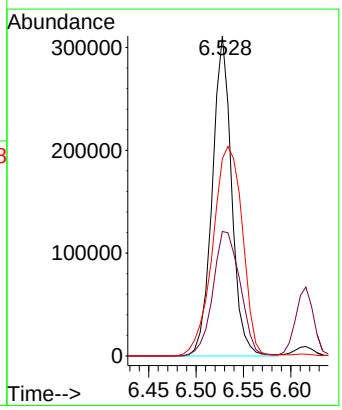


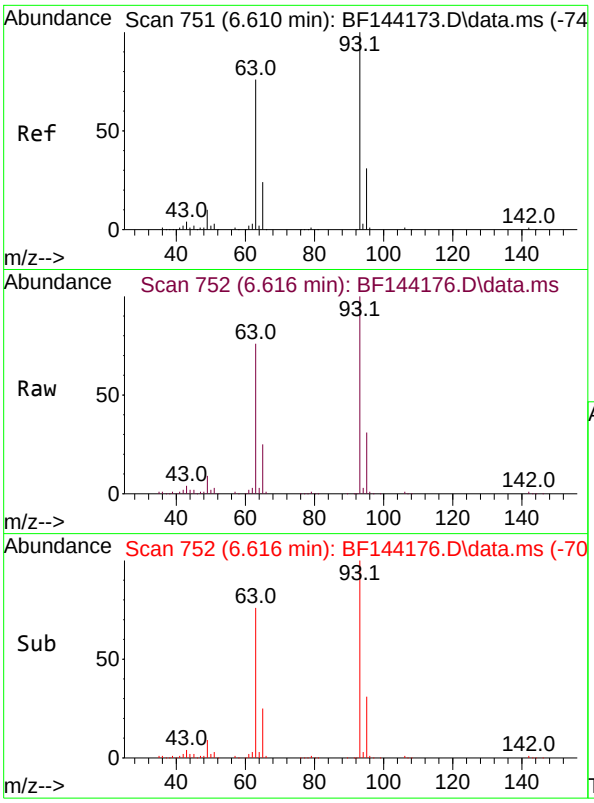




#10
Phenol
Concen: 72.080 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 94 Resp: 441818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.9 | 10.8 | 50.8 |
| 66 | 61.6 | 24.3 | 64.3 |



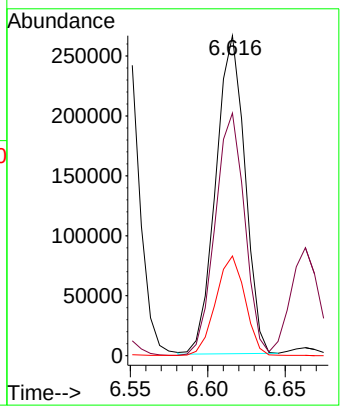


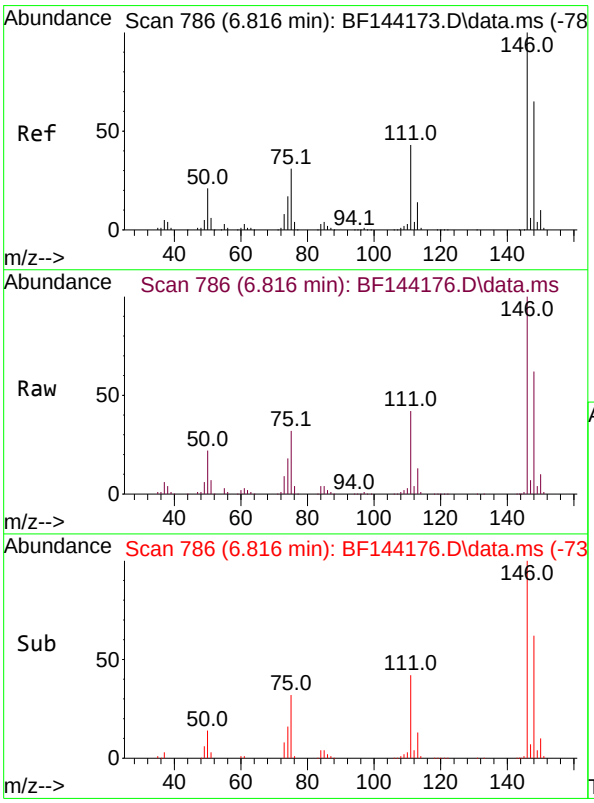

#11
bis(2-Chloroethyl)ether
Concen: 78.104 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 93 Resp: 348844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.8 | 55.2 | 95.2 |
| 95 | 31.1 | 11.2 | 51.2 |

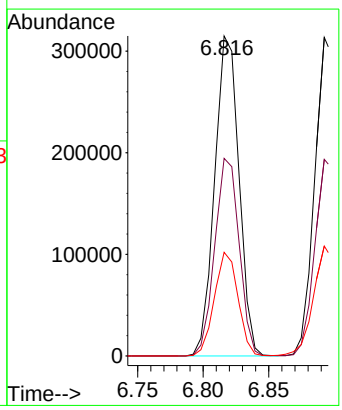


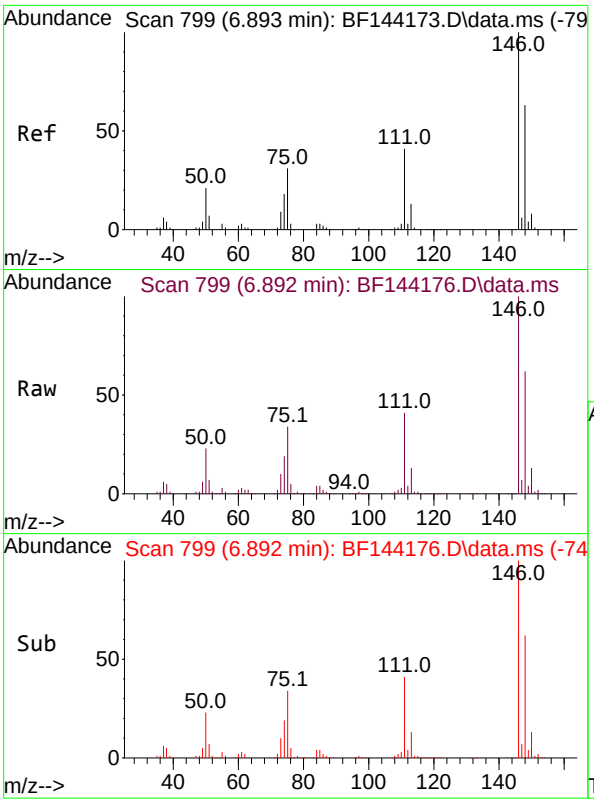




#12
1,3-Dichlorobenzene
Concen: 75.913 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:146 Resp: 406743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.7 | 51.8 | 77.8 |
| 75 | 32.4 | 25.0 | 37.4 |



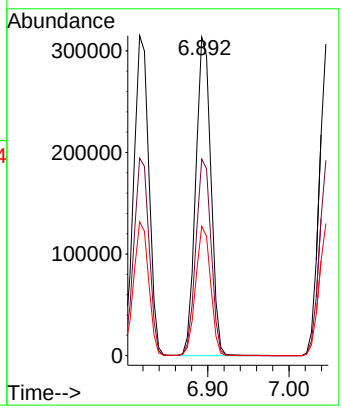


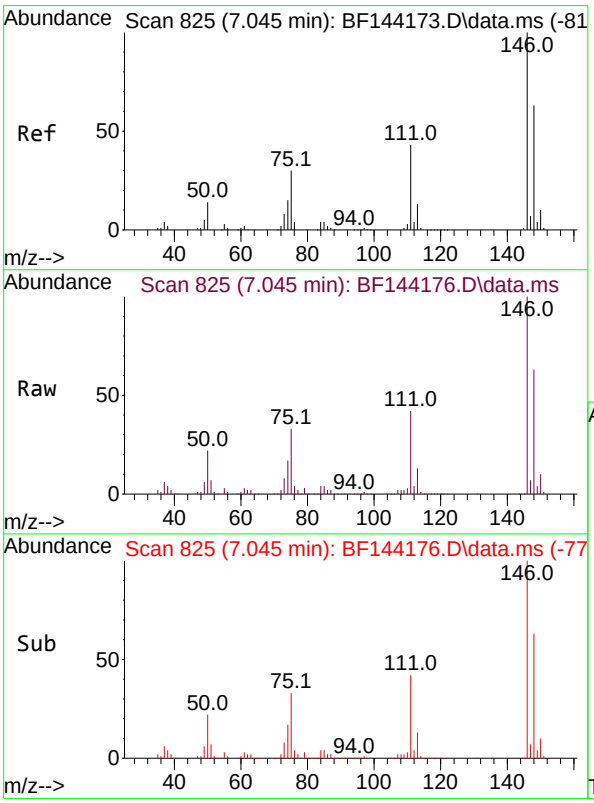

#13
1,4-Dichlorobenzene
Concen: 75.597 ng
RT: 6.892 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:146 Resp: 405797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.7 | 50.2 | 75.2 |
| 111 | 40.6 | 32.6 | 48.8 |

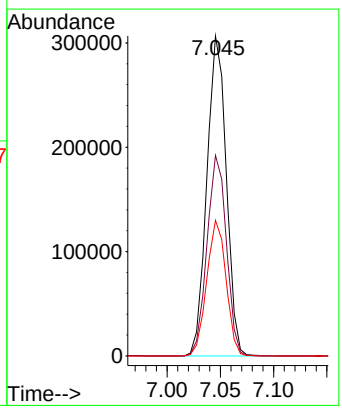


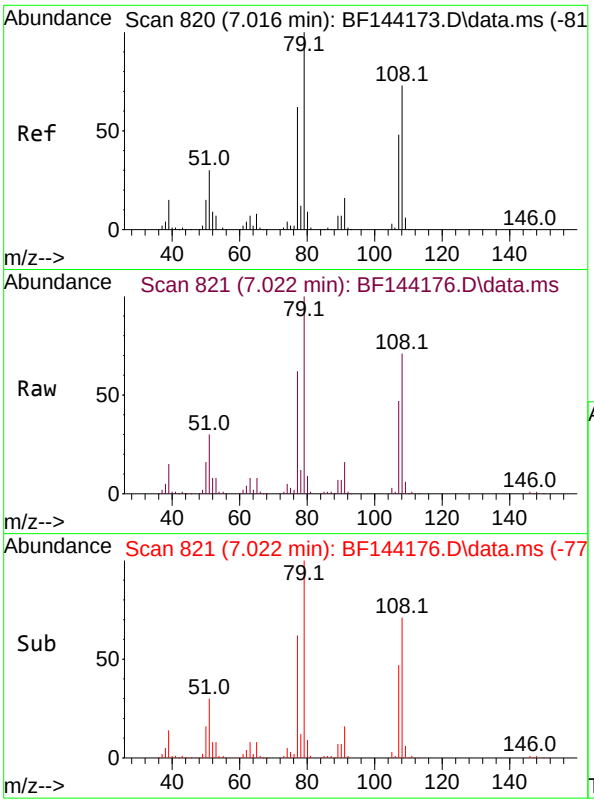




#14
1,2-Dichlorobenzene
Concen: 75.617 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:146 Resp: 389053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 50.7 | 76.1 |
| 111 | 42.4 | 34.2 | 51.4 |



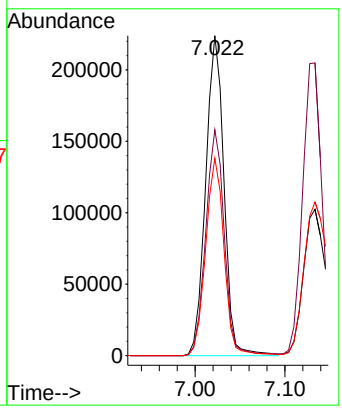


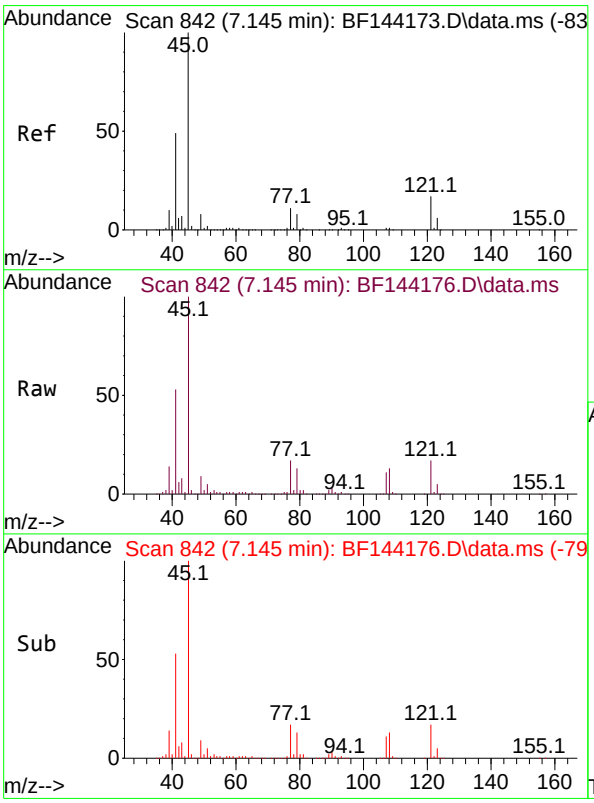

#15
Benzyl Alcohol
Concen: 79.866 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 79 Resp: 317271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 70.6 | 58.2 | 87.4 |
| 77 | 61.7 | 49.9 | 74.9 |

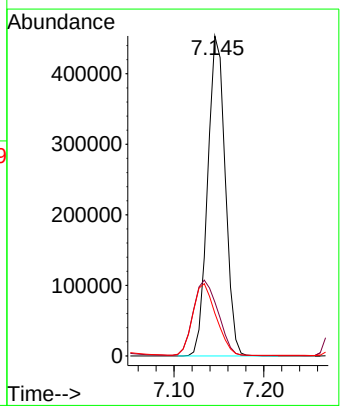


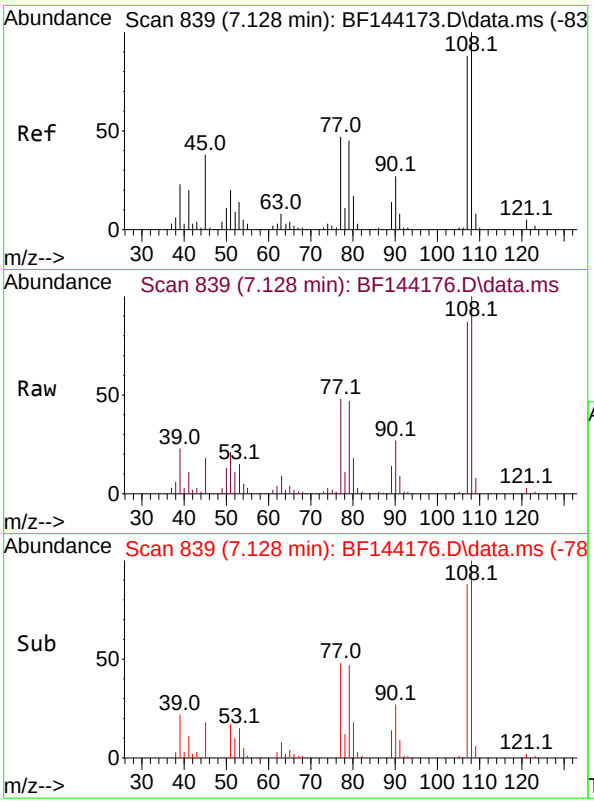




#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.396 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 45 Resp: 620126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.8 | 0.0 | 31.8 |
| 79 | 13.3 | 0.0 | 29.1 |



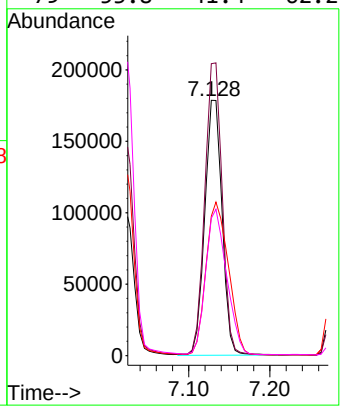


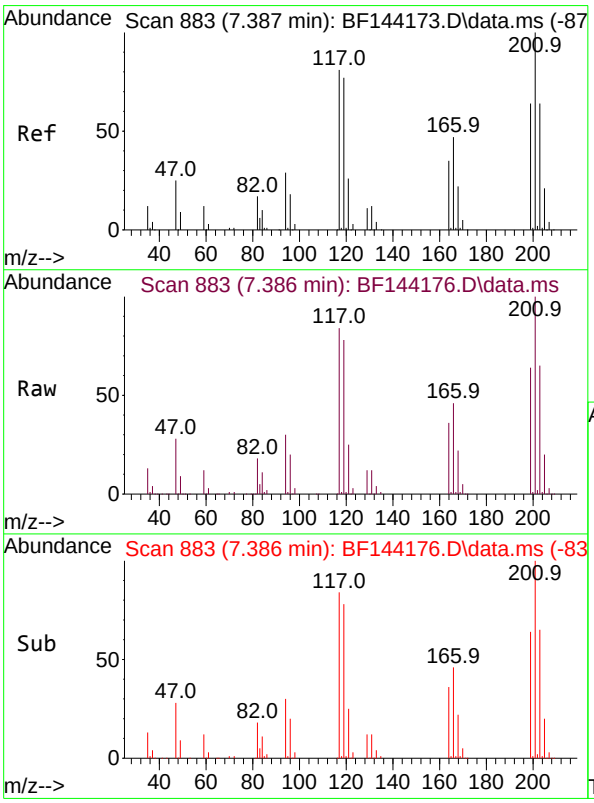

#17
2-Methylphenol
Concen: 76.865 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:107 Resp: 265517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.4 | 91.0 | 136.4 |
| 77 | 54.6 | 42.7 | 64.1 |
| 79 | 53.8 | 41.4 | 62.2 |

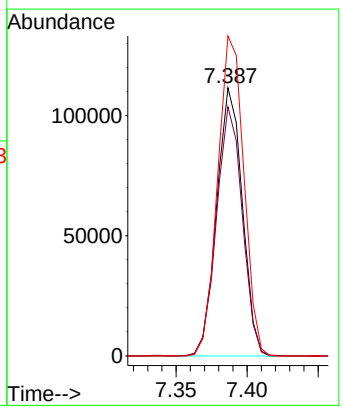


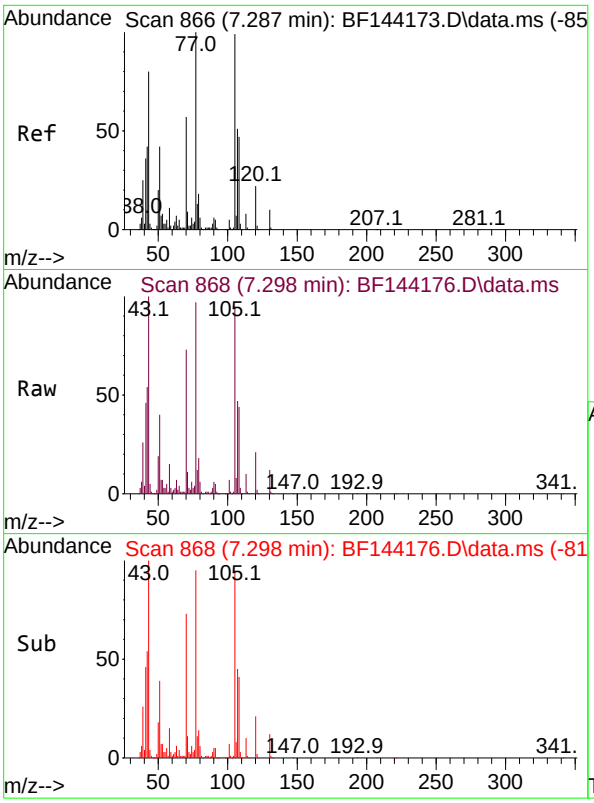




#18
Hexachloroethane
Concen: 78.387 ng
RT: 7.386 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:117 Resp: 139795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.9 | 75.8 | 113.8 |
| 201 | 119.4 | 98.9 | 148.3 |



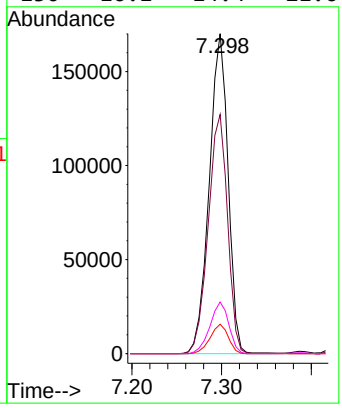


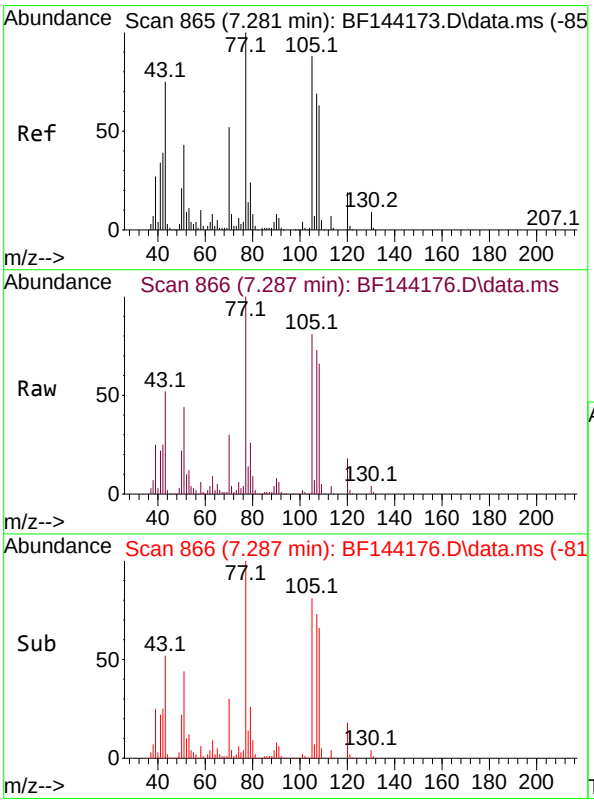

#19
n-Nitroso-di-n-propylamine
Concen: 75.502 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 70 Resp: 249355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 74.7 | 58.3 | 87.5 |
| 101 | 9.2 | 7.0 | 10.6 |
| 130 | 16.1 | 14.4 | 21.6 |

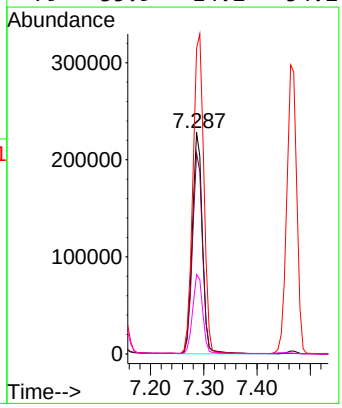


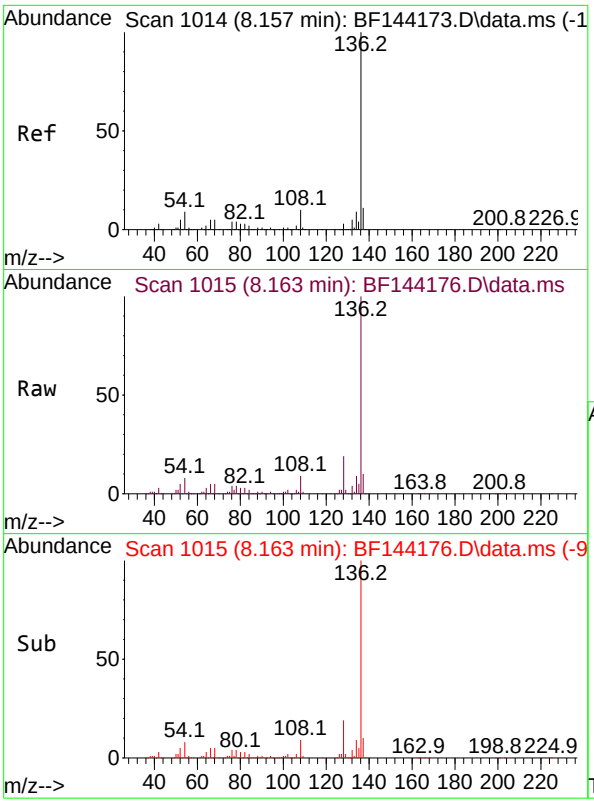




#20
3+4-Methylphenols
Concen: 73.473 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:107 Resp: 299182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.6 | 70.2 | 110.2 |
| 77 | 137.9 | 123.9 | 163.9 |
| 79 | 35.9 | 14.2 | 54.2 |



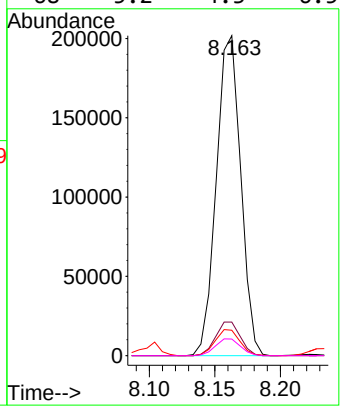


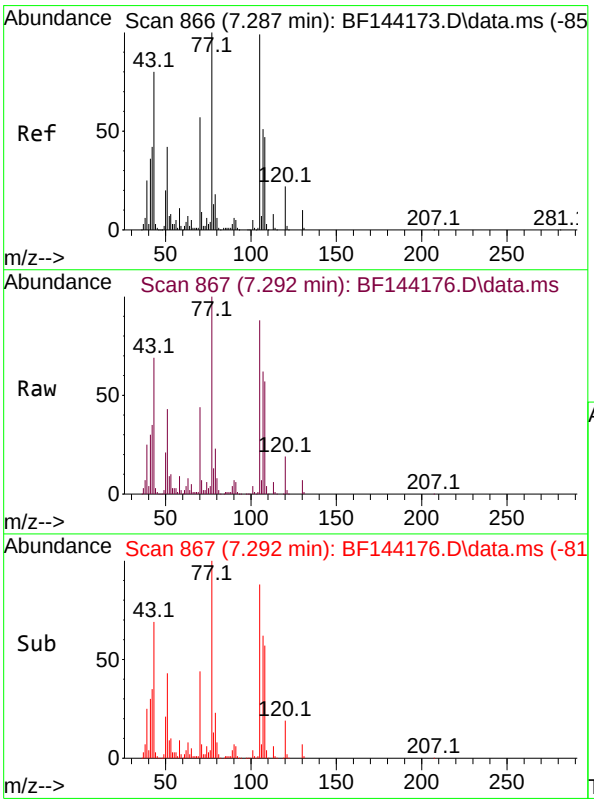

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:136 Resp: 261584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 7.9 | 7.0 | 10.6 |
| 68 | 5.2 | 4.3 | 6.5 |

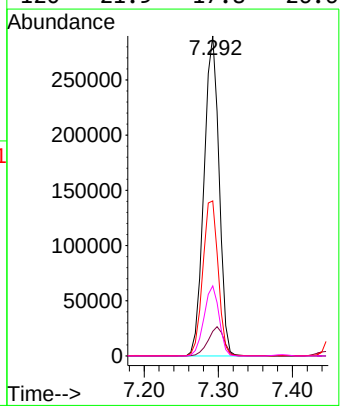


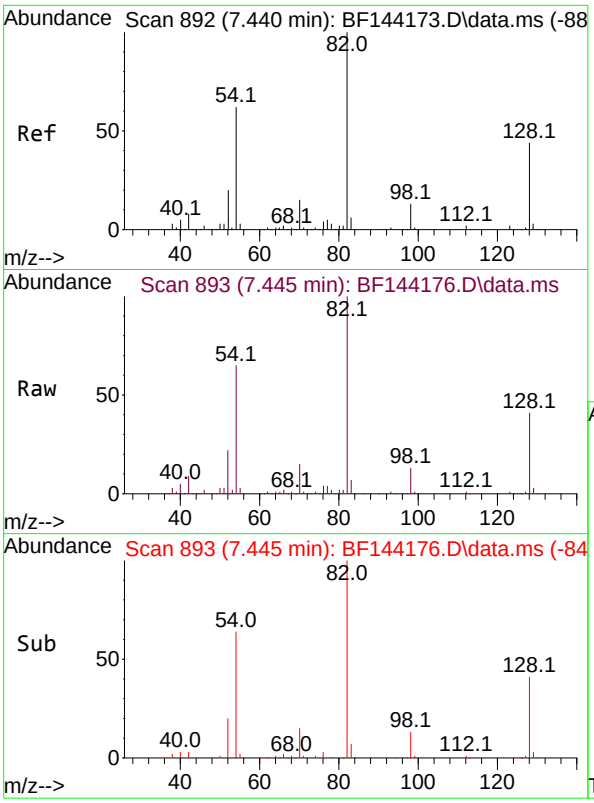




#22
Acetophenone
Concen: 72.994 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:105 Resp: 409610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.7 | 7.2 | 10.8 |
| 51 | 48.4 | 34.0 | 51.0 |
| 120 | 21.9 | 17.8 | 26.6 |



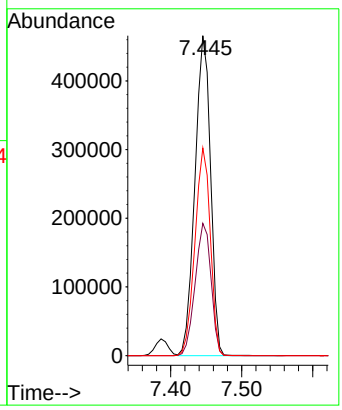


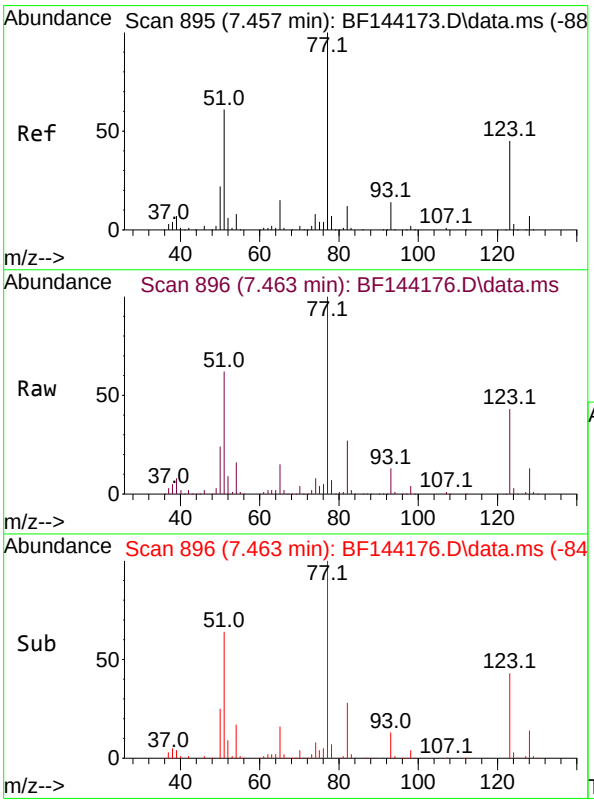

#23
Nitrobenzene-d5
Concen: 156.207 ng
RT: 7.445 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 82 Resp: 707494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.3 | 34.7 | 52.1 |
| 54 | 64.9 | 49.5 | 74.3 |

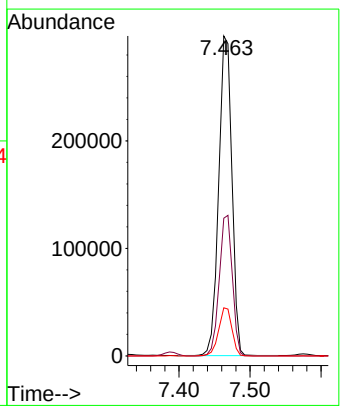


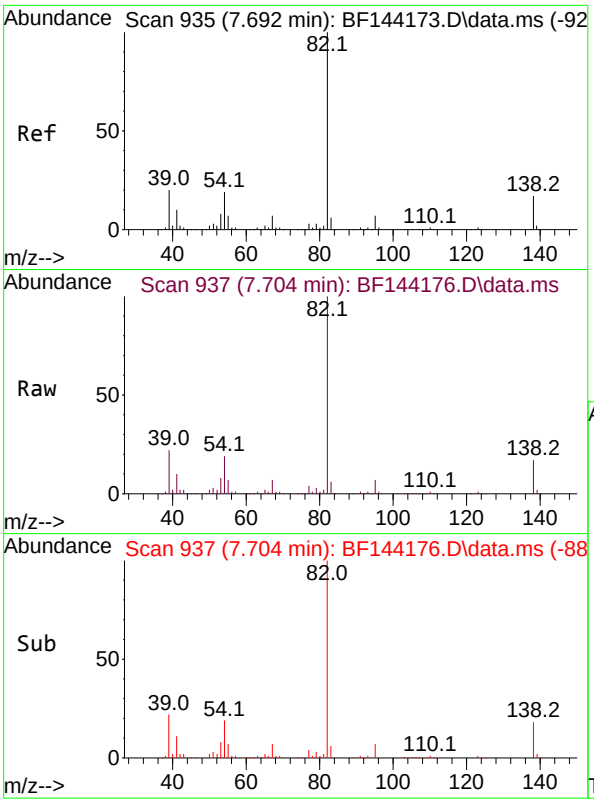




#24
Nitrobenzene
Concen: 78.328 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 77 Resp: 385188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.0 | 35.8 | 53.8 |
| 65 | 15.0 | 12.2 | 18.2 |



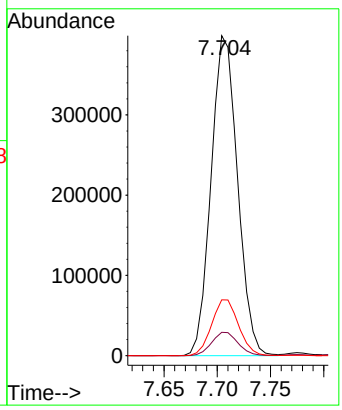


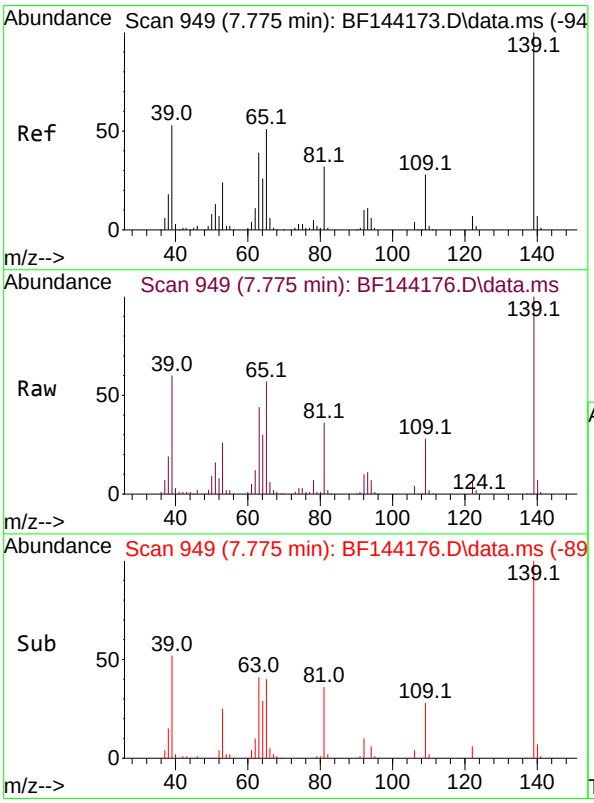

#25
Isophorone
Concen: 80.522 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 82 Resp: 689837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.5 | 8.3 |
| 138 | 17.4 | 13.7 | 20.5 |

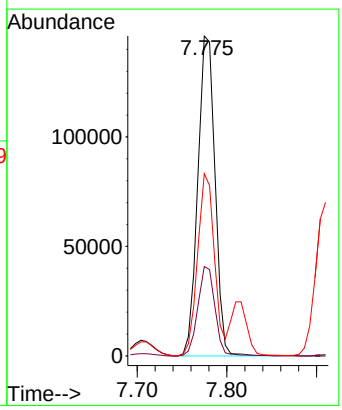


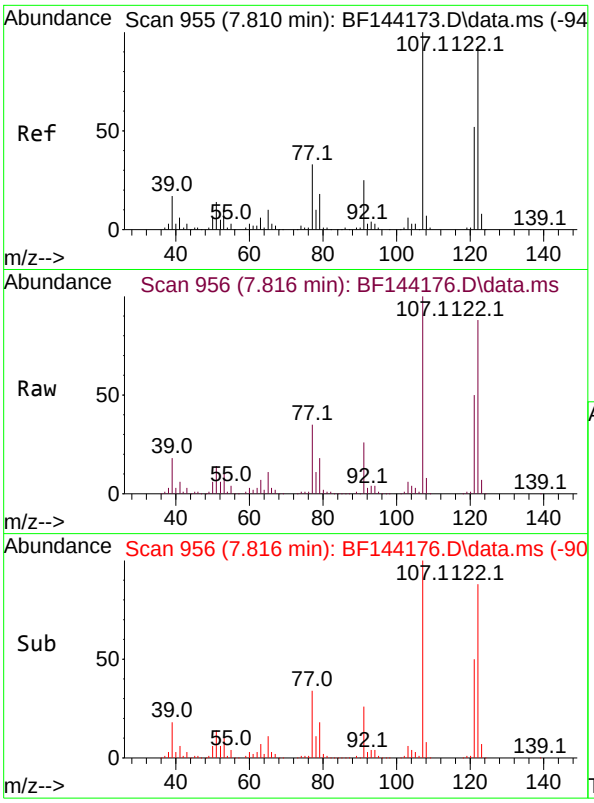




#26
2-Nitrophenol
Concen: 80.050 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:139 Resp: 194869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.9 | 22.2 | 33.2 |
| 65 | 56.9 | 40.7 | 61.1 |



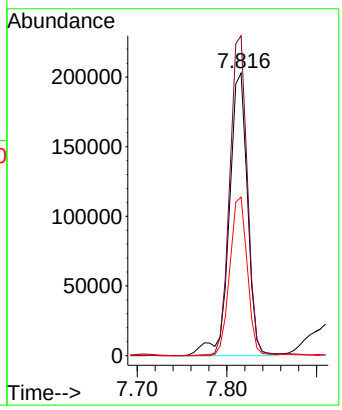


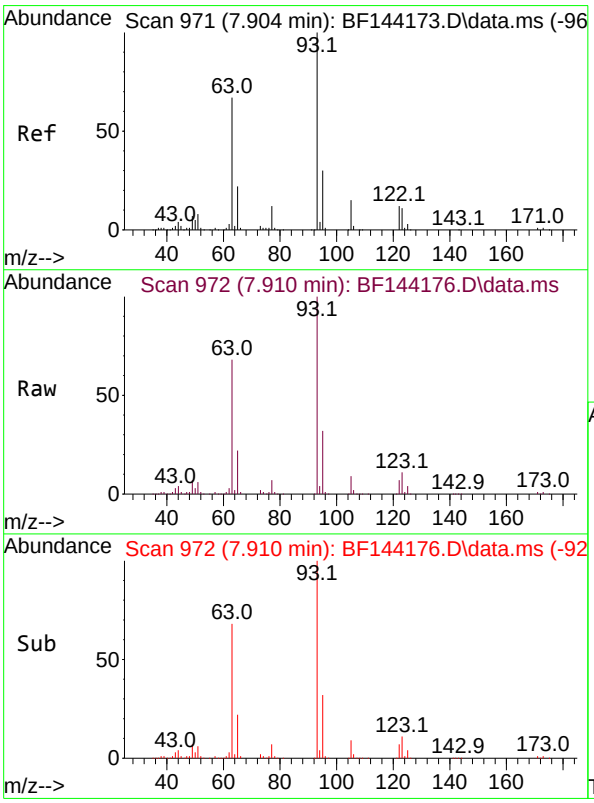

#27
2,4-Dimethylphenol
Concen: 78.826 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:122 Resp: 287607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.2 | 86.2 | 129.4 |
| 121 | 56.1 | 44.6 | 66.8 |

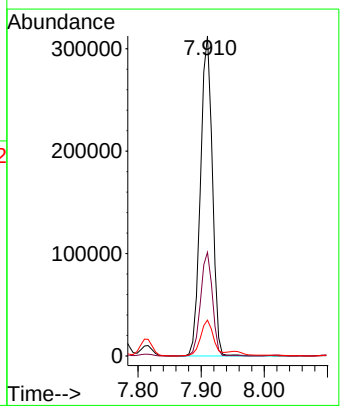


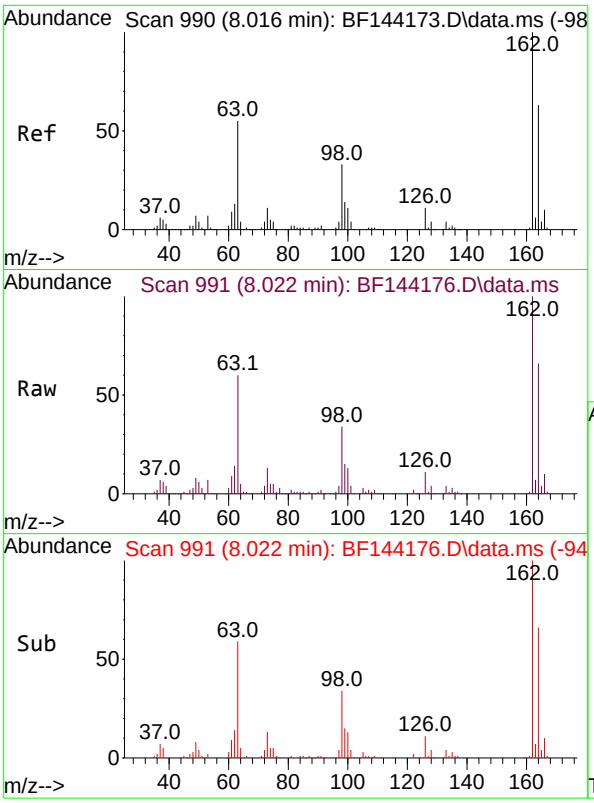




#28
bis(2-Chloroethoxy)methane
Concen: 76.234 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 407835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 24.2 | 36.4 |
| 123 | 11.2 | 9.0 | 13.4 |



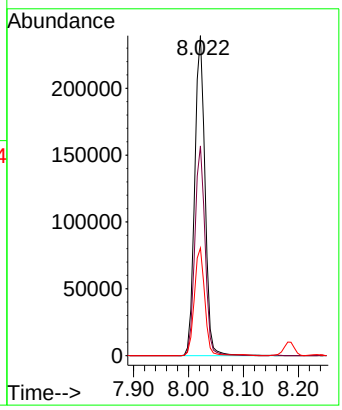


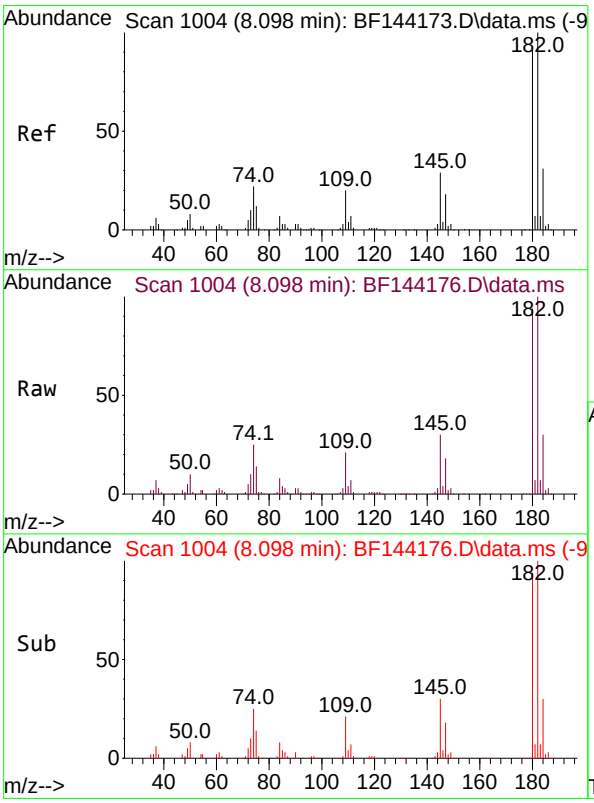

#29
2,4-Dichlorophenol
Concen: 74.016 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:162 Resp: 311260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.5 | 42.9 | 82.9 |
| 98 | 33.6 | 13.3 | 53.3 |

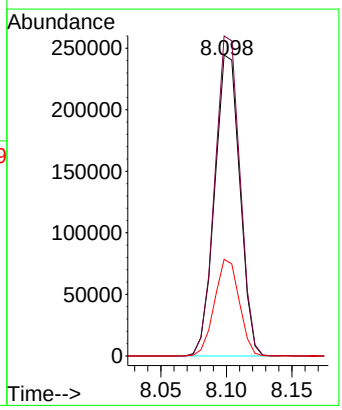


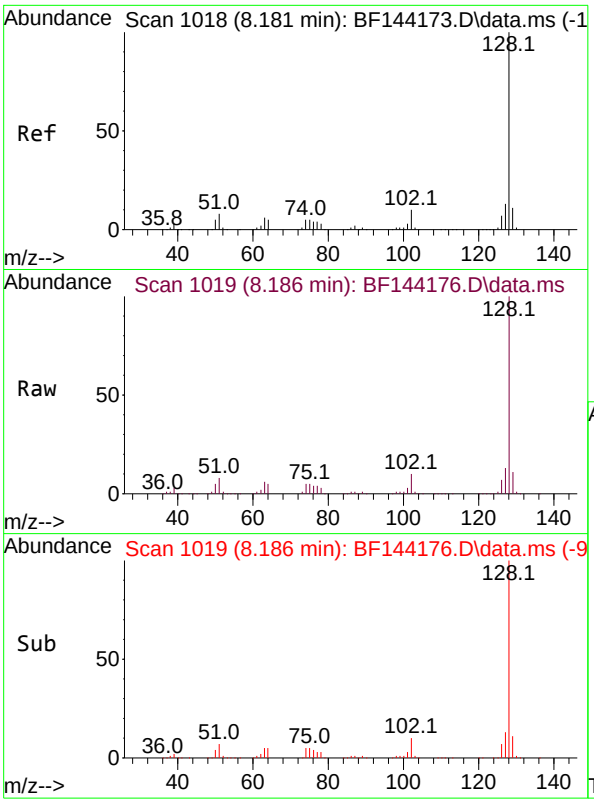




#30
1,2,4-Trichlorobenzene
Concen: 75.604 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:180 Resp: 326475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 106.3 | 87.7 | 131.5 |
| 145 | 32.1 | 25.4 | 38.0 |



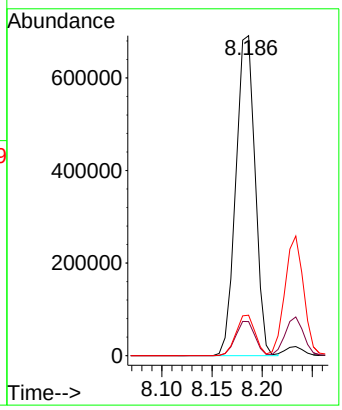


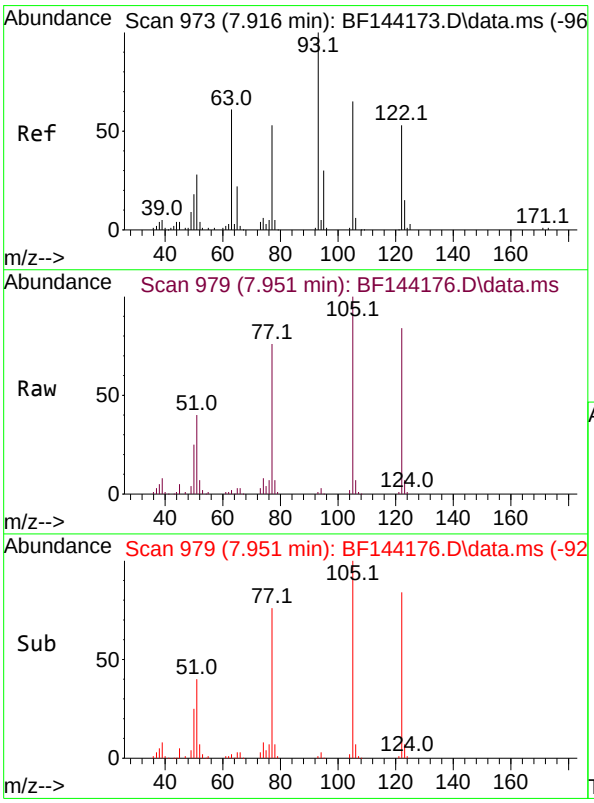

#31
Naphthalene
Concen: 73.994 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:128 Resp: 920731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.6 | 8.9 | 13.3 |
| 127 | 12.6 | 10.3 | 15.5 |

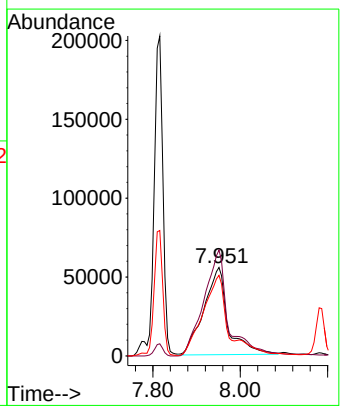


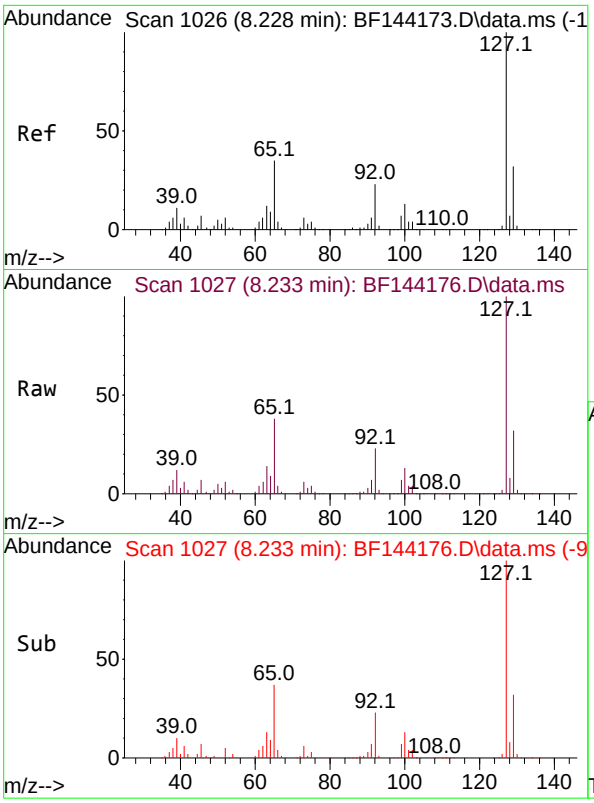




#32
Benzoic acid
Concen: 79.777 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:122 Resp: 213364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.6 | 99.9 | 139.9 |
| 77 | 91.1 | 77.5 | 117.5 |



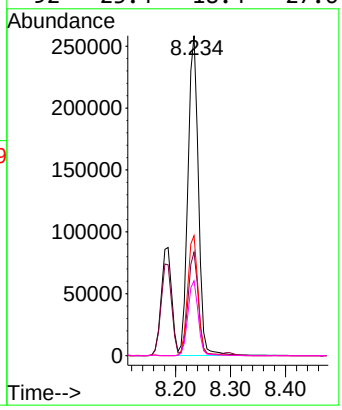


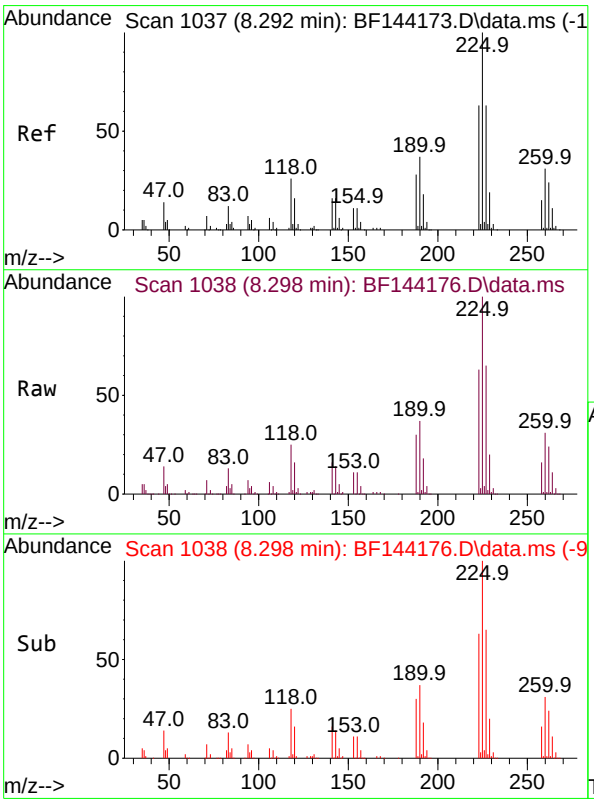

#33
4-Chloroaniline
Concen: 75.146 ng
RT: 8.233 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:127 Resp: 341033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.3 | 37.9 |
| 65 | 37.5 | 27.6 | 41.4 |
| 92 | 23.4 | 18.4 | 27.6 |

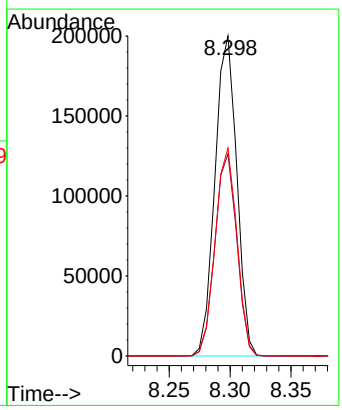


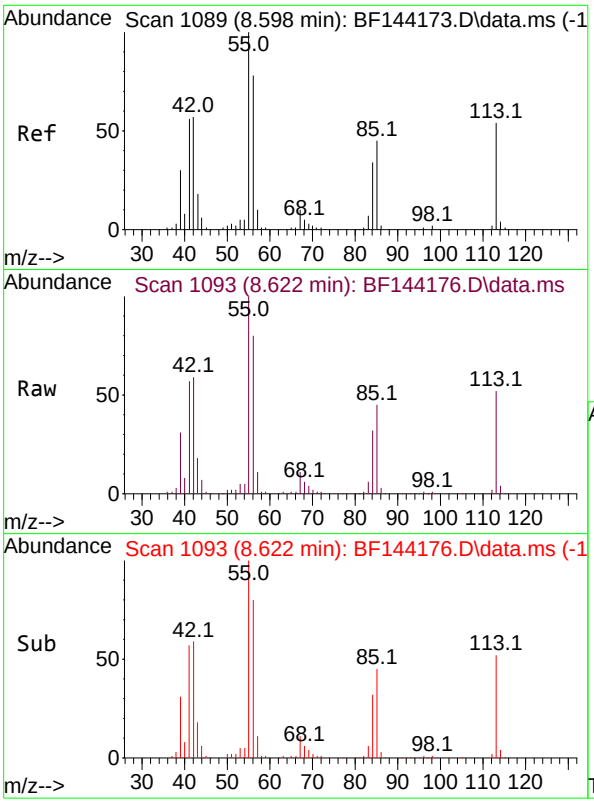




#34
Hexachlorobutadiene
Concen: 76.645 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:225 Resp: 249435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 50.2 | 75.4 |
| 227 | 64.9 | 50.1 | 75.1 |



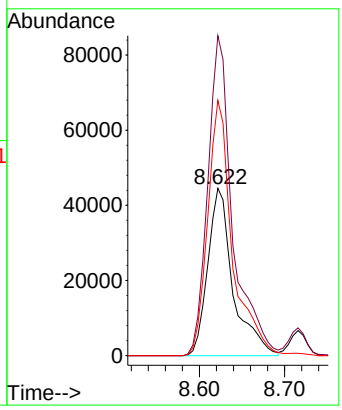


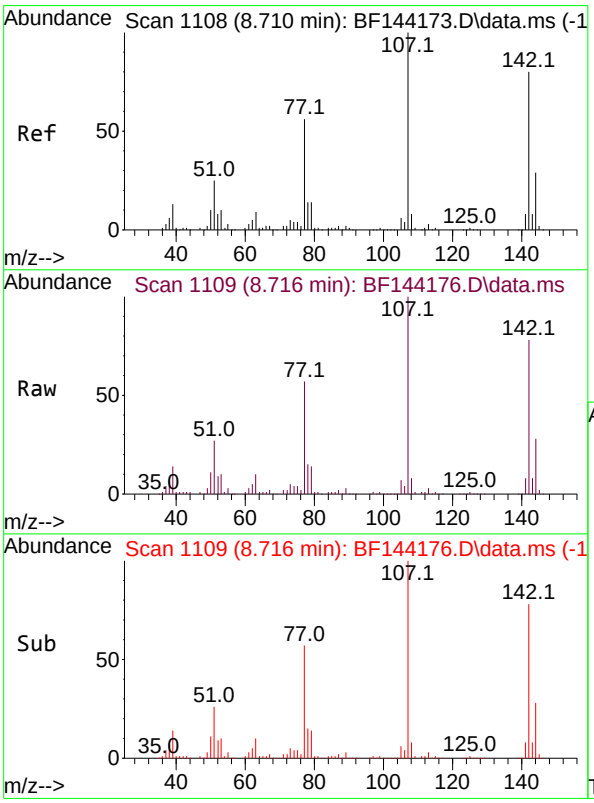

#35
Caprolactam
Concen: 79.765 ng
RT: 8.622 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:113 Resp: 91899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 191.2 | 166.8 | 206.8 |
| 56 | 152.5 | 125.9 | 165.9 |

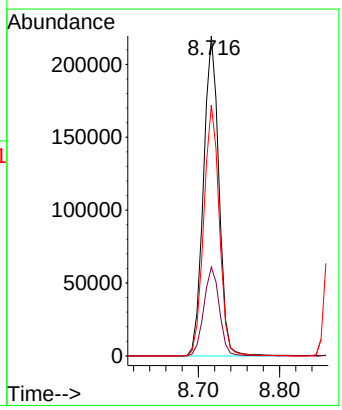


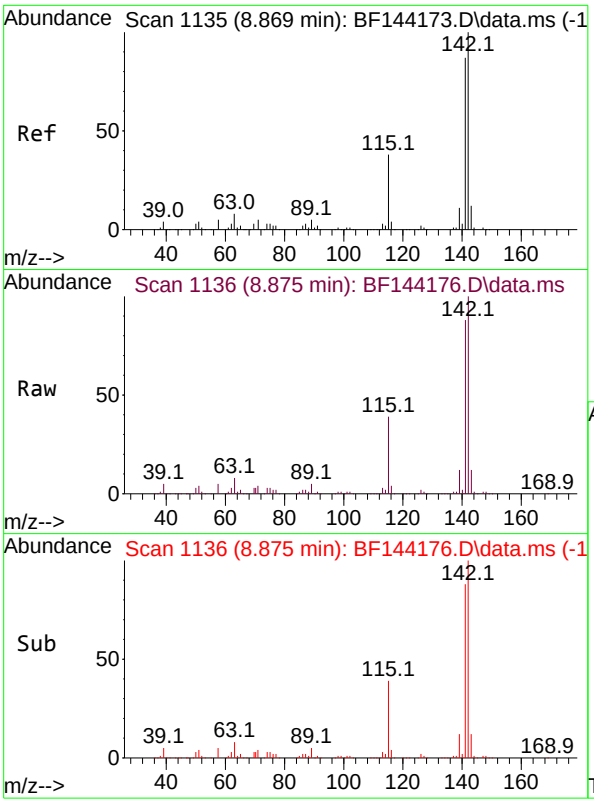




#36
4-Chloro-3-methylphenol
Concen: 76.969 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:107 Resp: 290083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.7 | 23.3 | 34.9 |
| 142 | 78.3 | 63.8 | 95.6 |



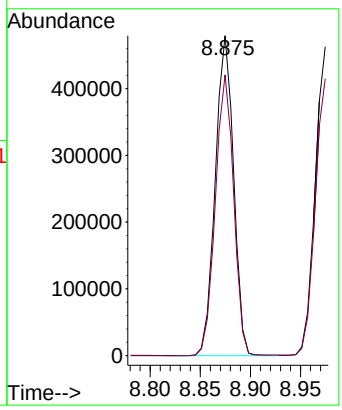


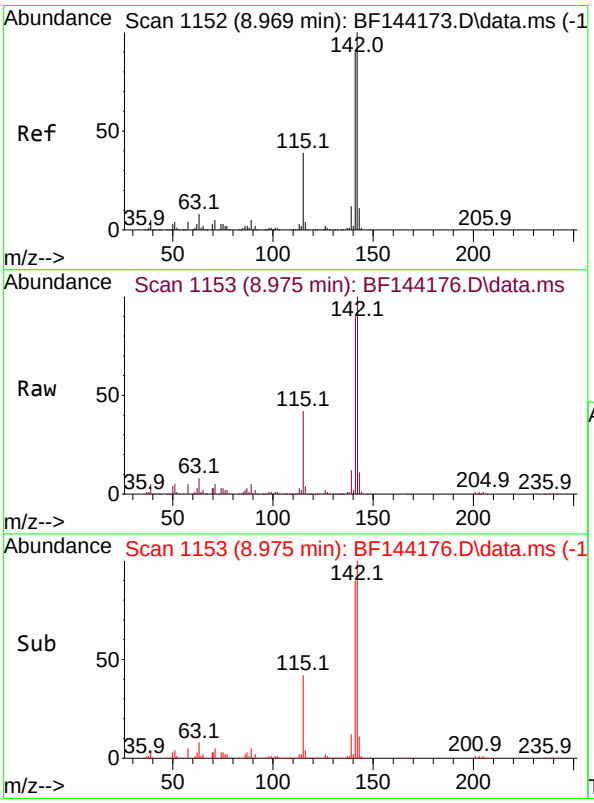

#37
2-Methylnaphthalene
Concen: 73.386 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:142 Resp: 610532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 69.9 | 104.9 |

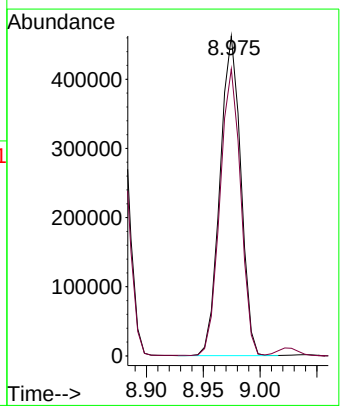


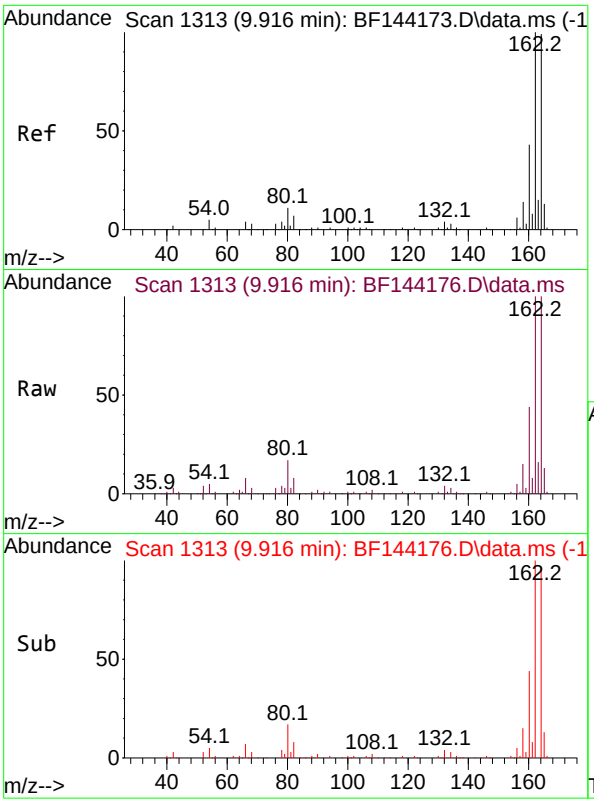




#38
1-Methylnaphthalene
Concen: 73.093 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:142 Resp: 586747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.7 | 72.1 | 108.1 |



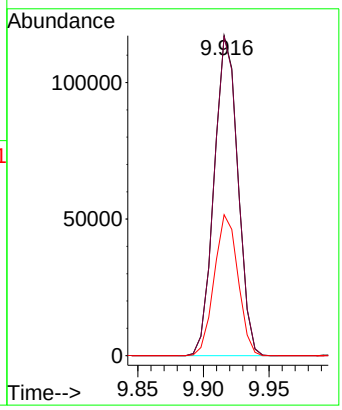


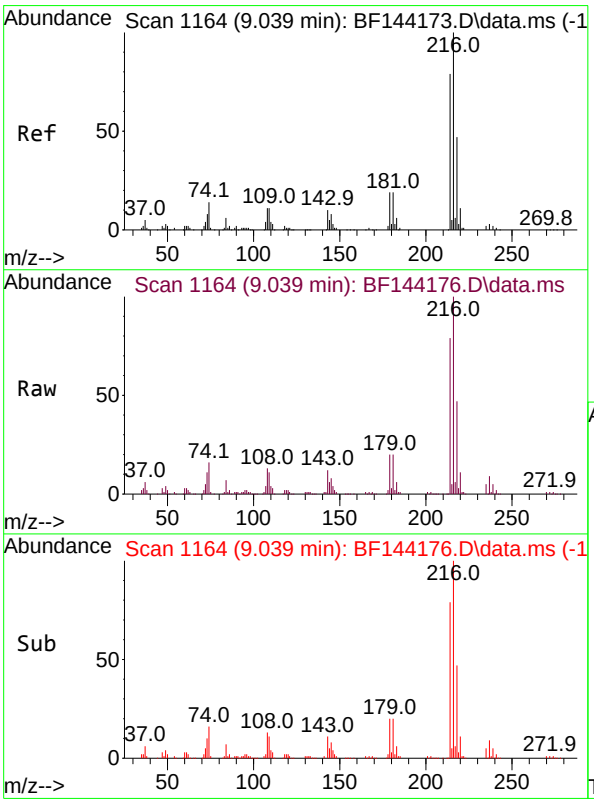

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:164 Resp: 147600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 81.1 | 121.7 |
| 160 | 44.0 | 34.5 | 51.7 |

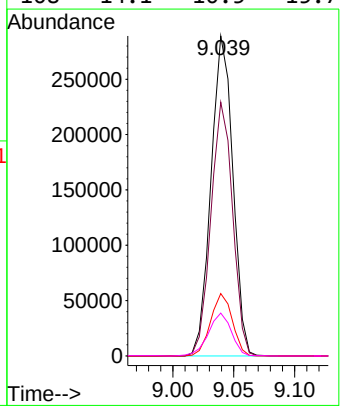


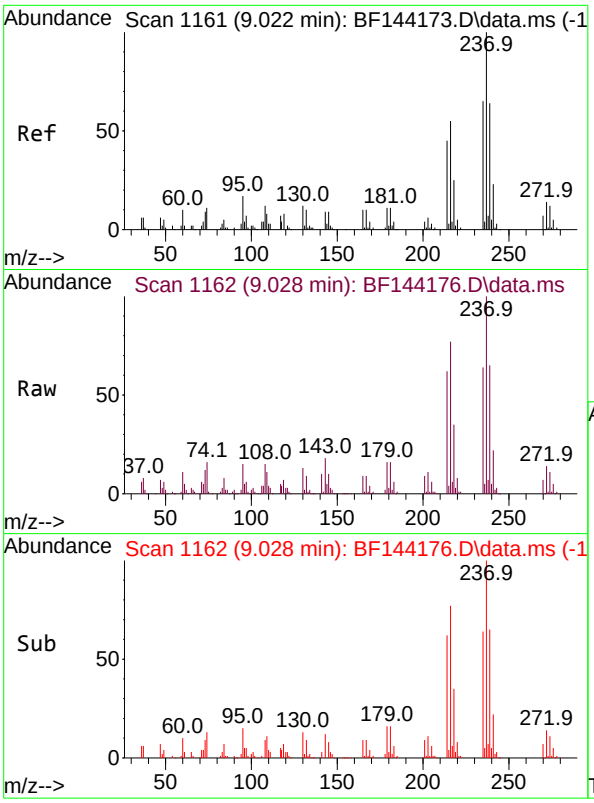




#40
1,2,4,5-Tetrachlorobenzene
Concen: 74.631 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:216 Resp: 361014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 63.4 | 95.2 |
| 179 | 19.3 | 15.0 | 22.4 |
| 108 | 14.1 | 10.5 | 15.7 |



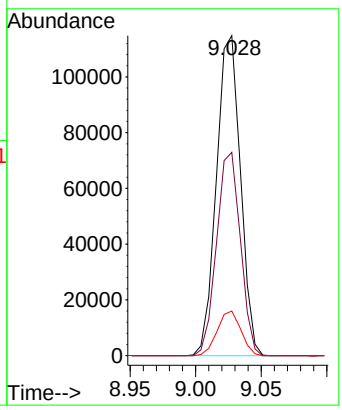


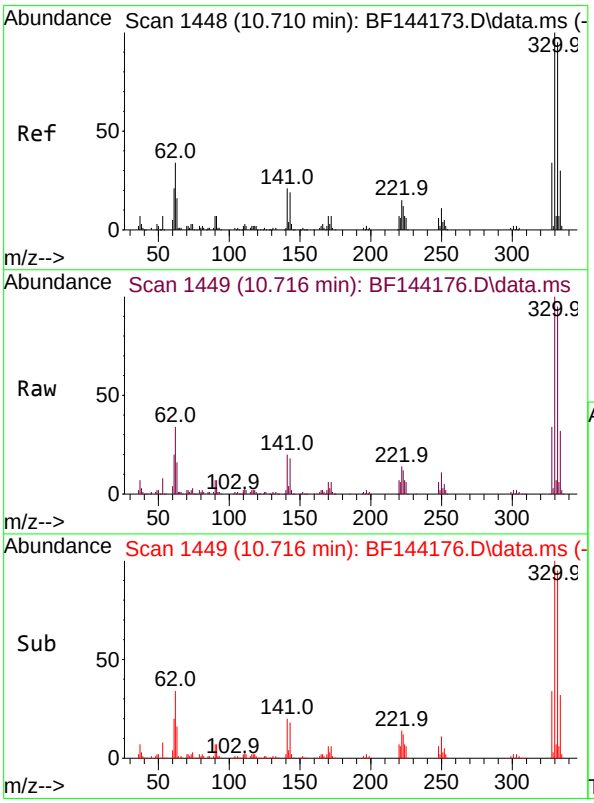

#41
Hexachlorocyclopentadiene
Concen: 78.238 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:237 Resp: 146524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 45.5 | 85.5 |
| 272 | 13.9 | 0.0 | 33.5 |

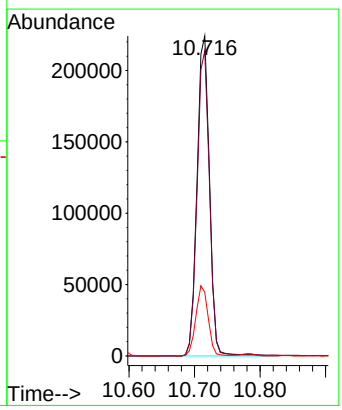


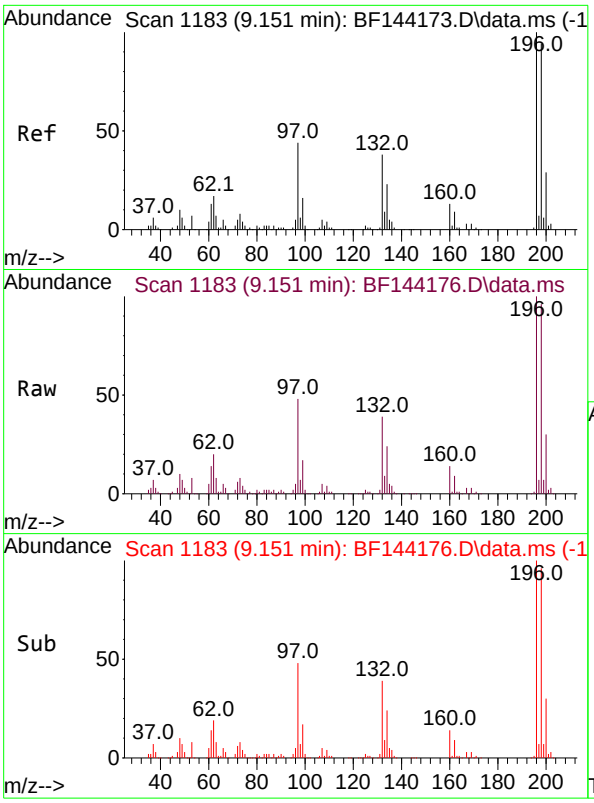




#42
2,4,6-Tribromophenol
Concen: 158.489 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:330 Resp: 293555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 76.7 | 115.1 |
| 141 | 21.7 | 17.8 | 26.8 |



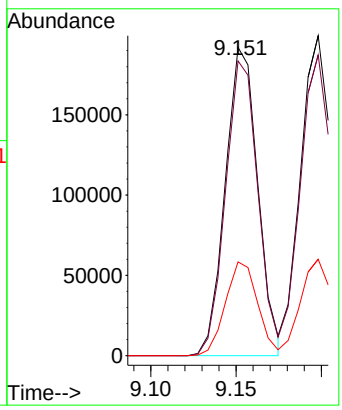


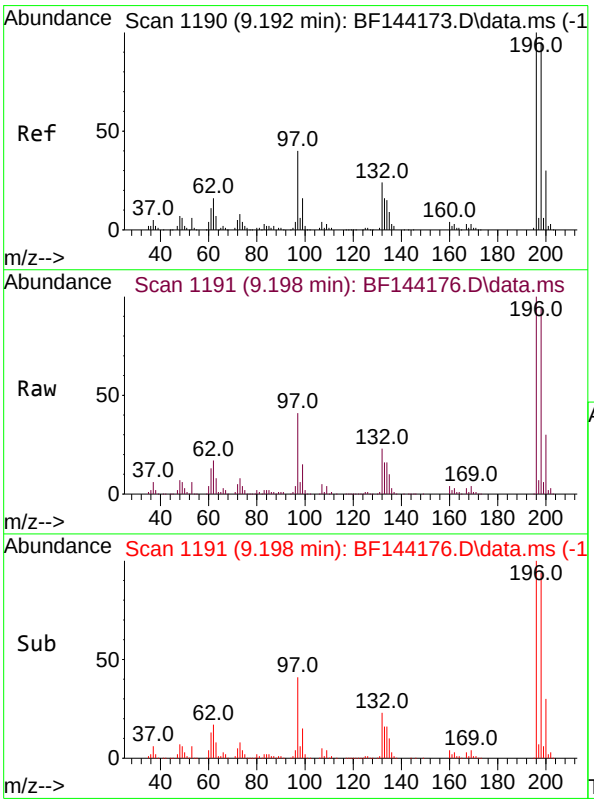

#43
2,4,6-Trichlorophenol
Concen: 77.355 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:196 Resp: 254681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 75.3 | 112.9 |
| 200 | 30.4 | 23.4 | 35.2 |

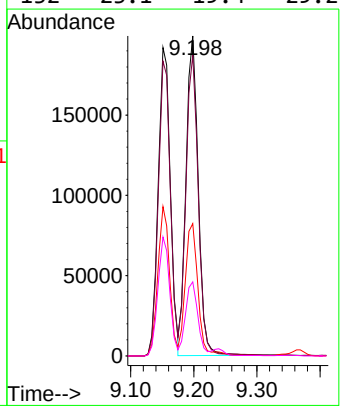


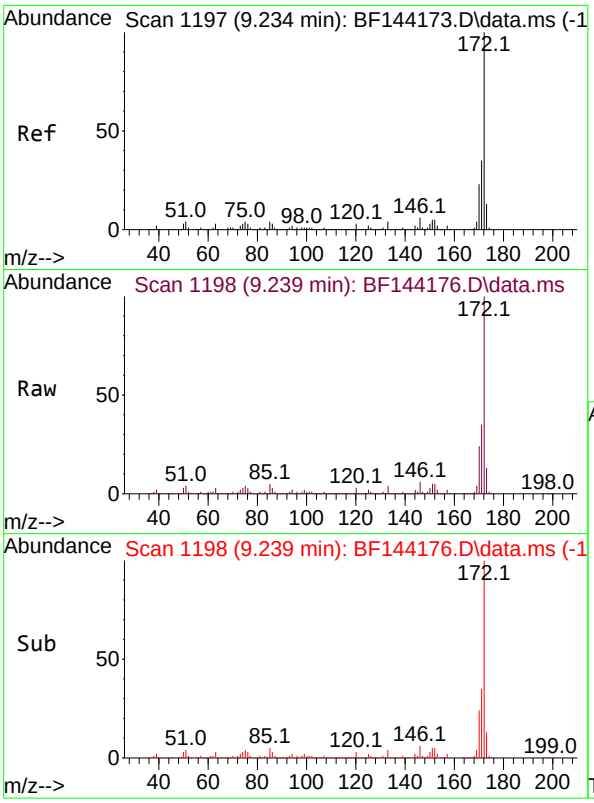




#44
2,4,5-Trichlorophenol
Concen: 75.791 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 268940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.0 | 76.1 | 114.1 |
| 97 | 41.3 | 31.9 | 47.9 |
| 132 | 23.1 | 19.4 | 29.2 |



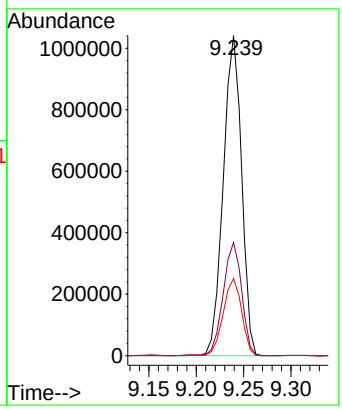


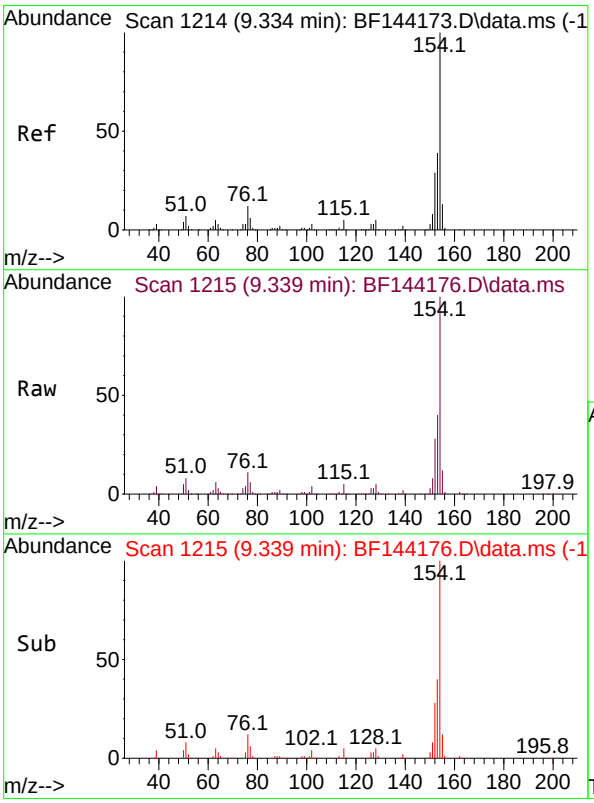

#45
2-Fluorobiphenyl
Concen: 139.809 ng
RT: 9.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:172 Resp: 1397211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.1 | 42.1 |
| 170 | 24.1 | 18.6 | 28.0 |

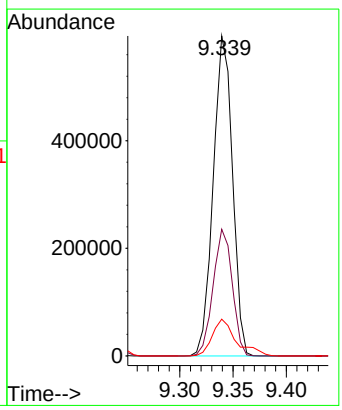


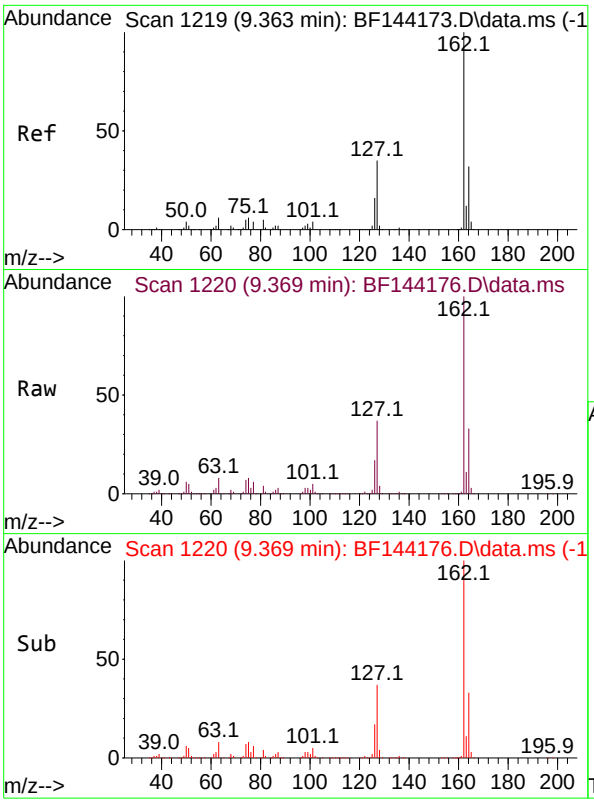




#46
1,1'-Biphenyl
Concen: 72.784 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 749883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.6 | 19.2 | 59.2 |
| 76 | 11.5 | 0.0 | 31.8 |



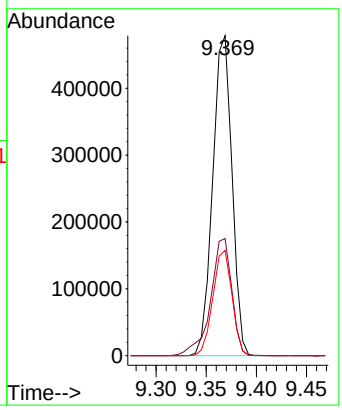


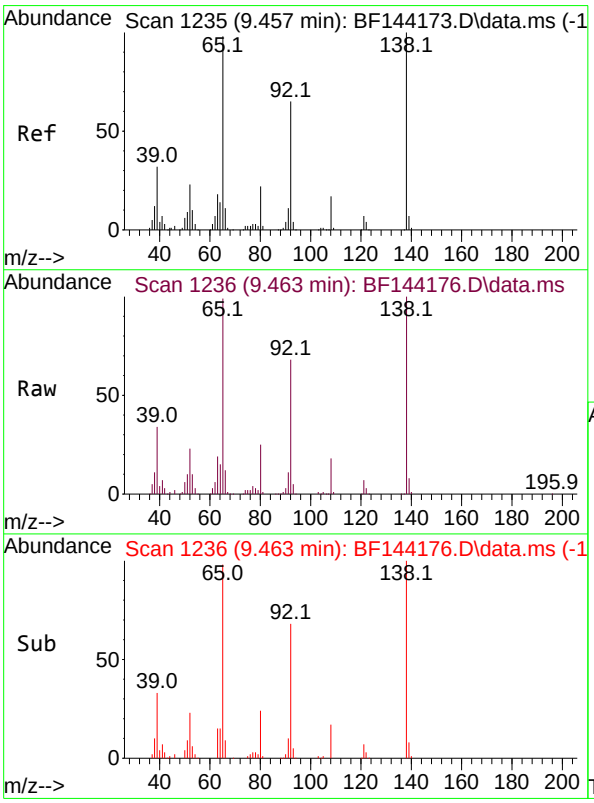

#47
2-Chloronaphthalene
Concen: 72.995 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:162 Resp: 641521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.6 | 28.8 | 43.2 |
| 164 | 32.9 | 25.8 | 38.8 |

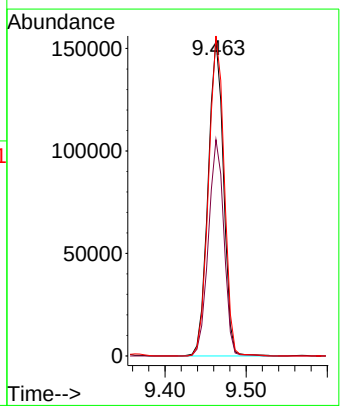


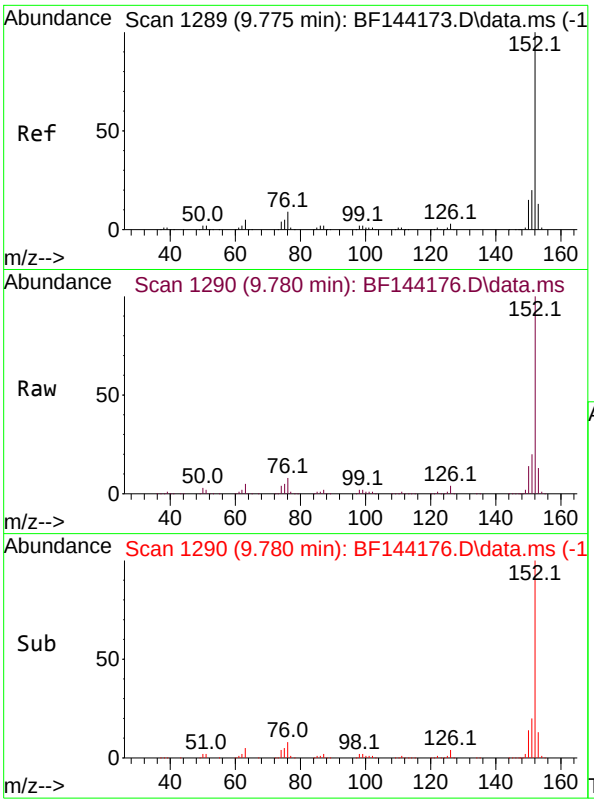




#48
2-Nitroaniline
Concen: 80.348 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 65 Resp: 203746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.3 | 53.0 | 79.6 |
| 138 | 101.1 | 81.6 | 122.4 |



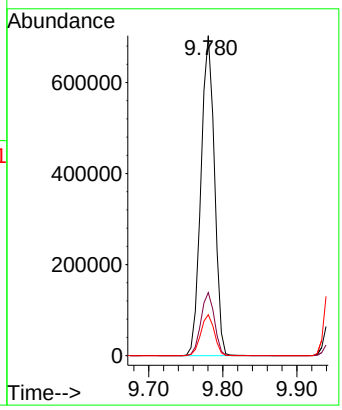


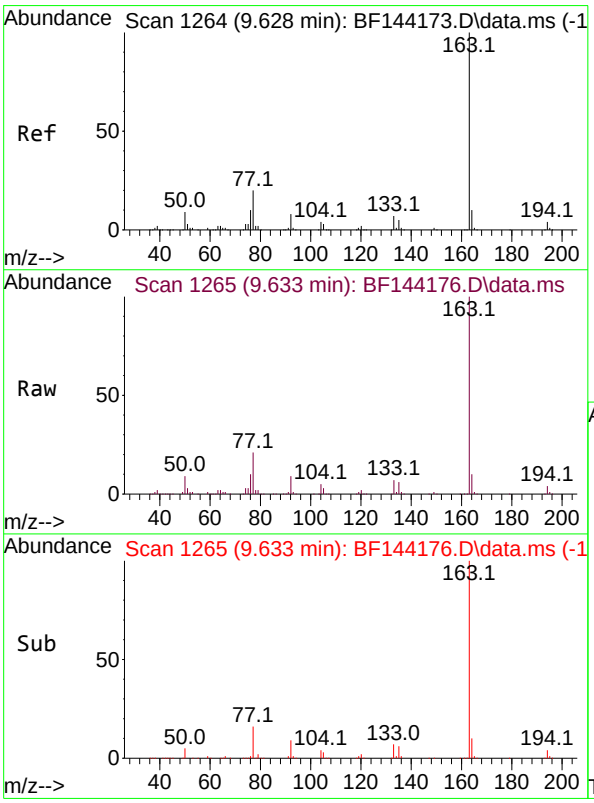

#49
Acenaphthylene
Concen: 74.264 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:152 Resp: 889410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.9 | 23.9 |
| 153 | 12.8 | 10.5 | 15.7 |

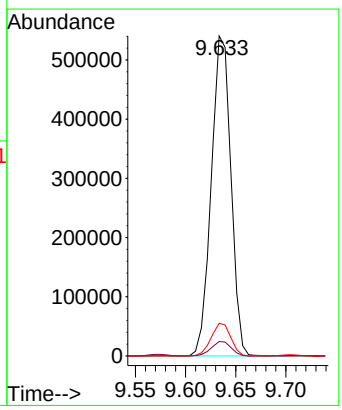


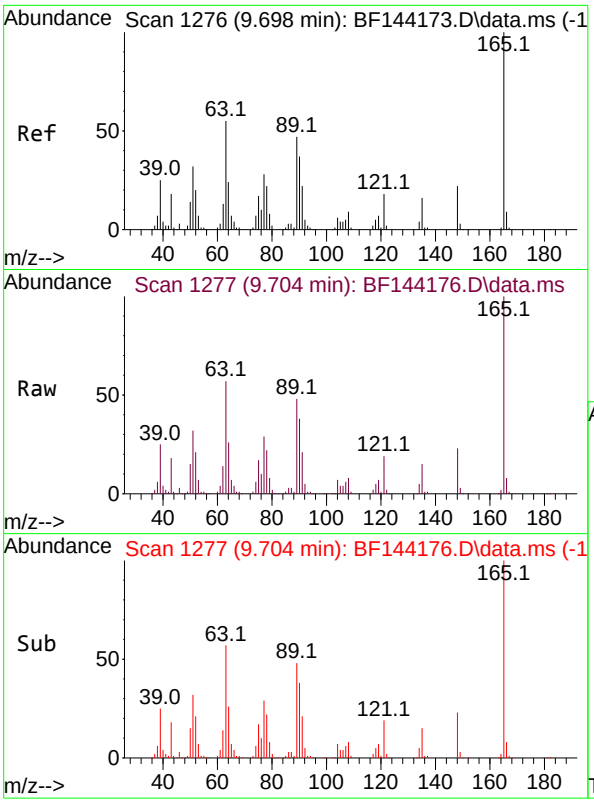




#50
Dimethylphthalate
Concen: 75.318 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:163 Resp: 736477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.3 | 4.9 |
| 164 | 10.2 | 8.1 | 12.1 |



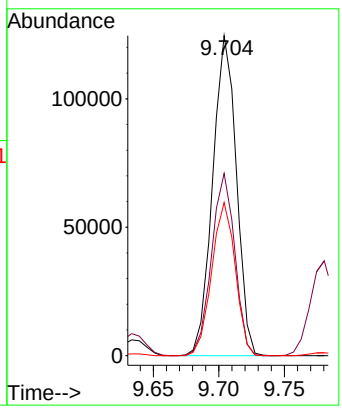


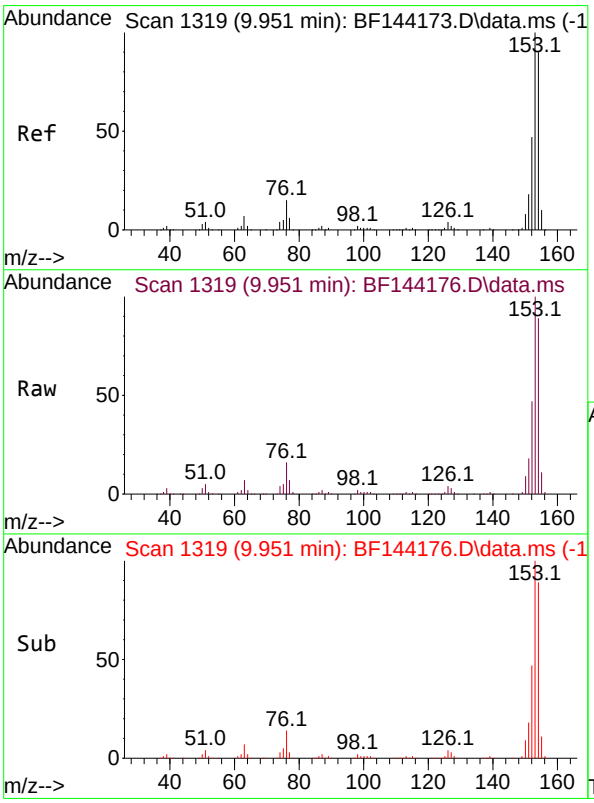

#51
2,6-Dinitrotoluene
Concen: 79.250 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:165 Resp: 156870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.9 | 43.8 | 65.8 |
| 89 | 47.8 | 37.5 | 56.3 |

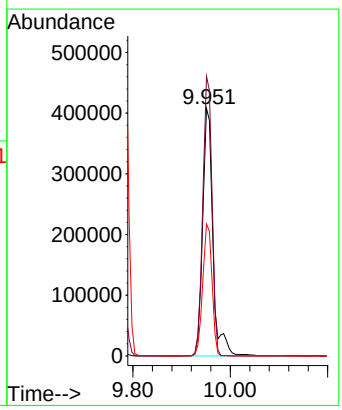


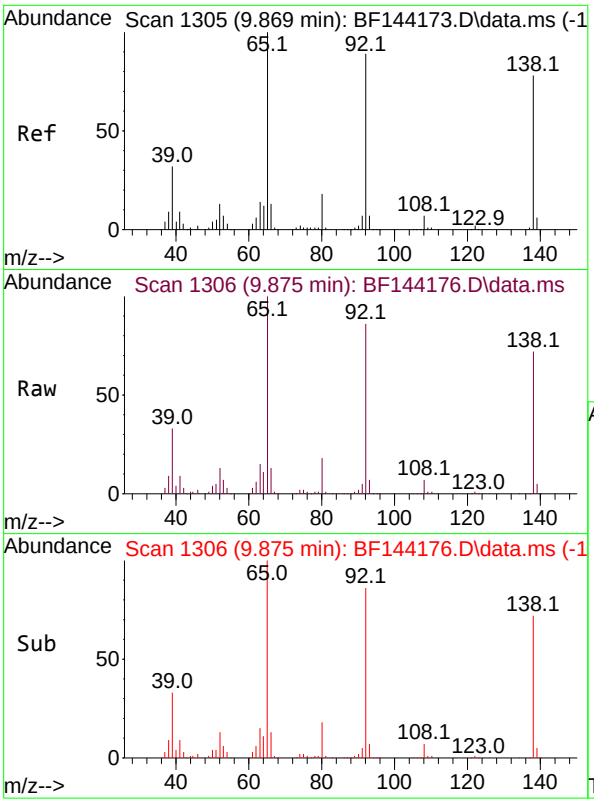




#52
Acenaphthene
Concen: 74.243 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 594593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 89.0 | 133.4 |
| 152 | 53.3 | 42.2 | 63.4 |



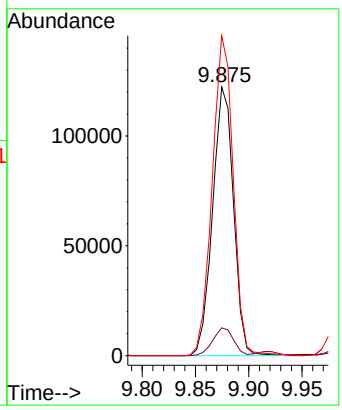


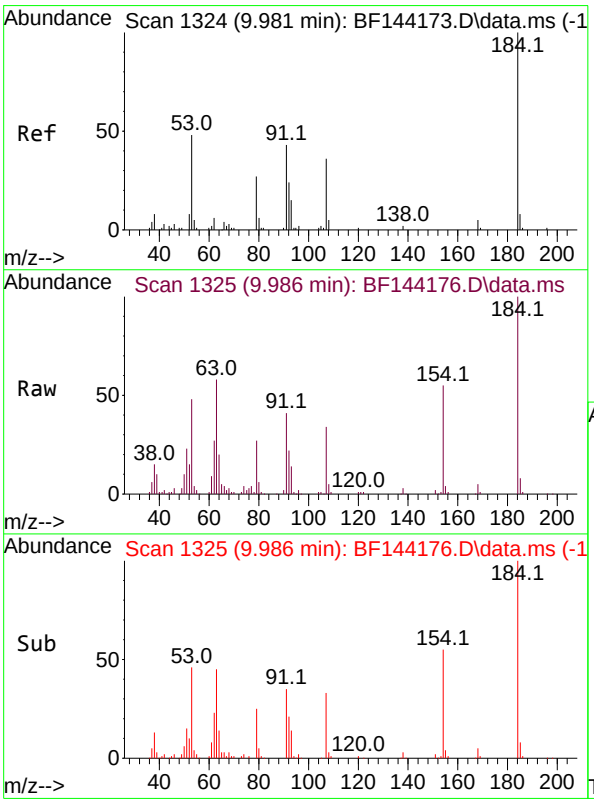

#53
3-Nitroaniline
Concen: 77.230 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:138 Resp: 167110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.3 | 7.5 | 11.3 |
| 92 | 119.2 | 91.8 | 137.6 |

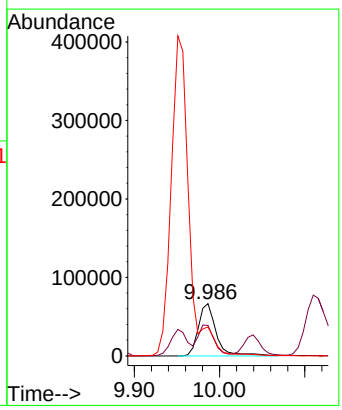


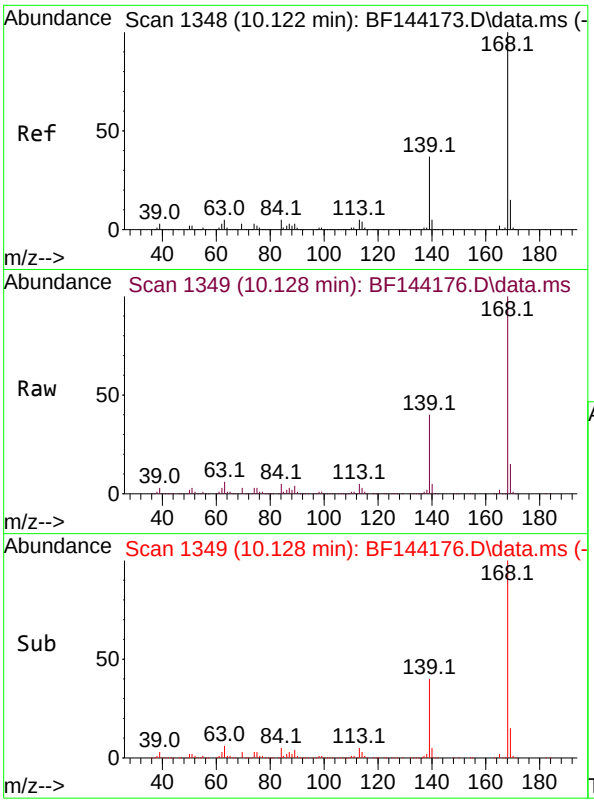




#54
2,4-Dinitrophenol
Concen: 80.924 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:184 Resp: 96727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 58.3 | 44.0 | 66.0 |
| 154 | 55.4 | 42.4 | 63.6 |



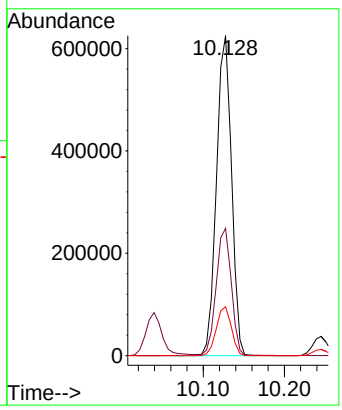


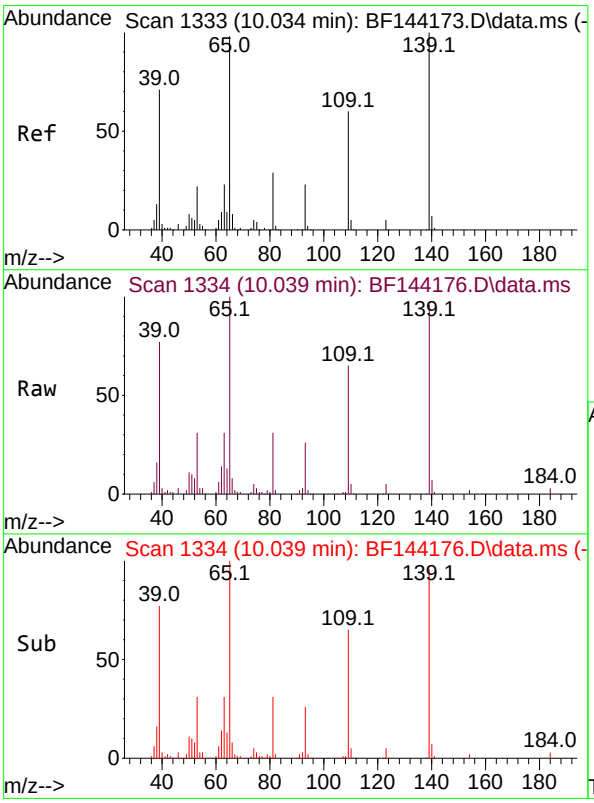

#55
Dibenzofuran
Concen: 71.517 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:168 Resp: 802174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.8 | 30.2 | 45.2 |
| 169 | 15.3 | 12.2 | 18.4 |

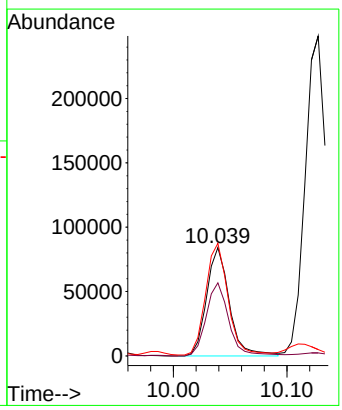


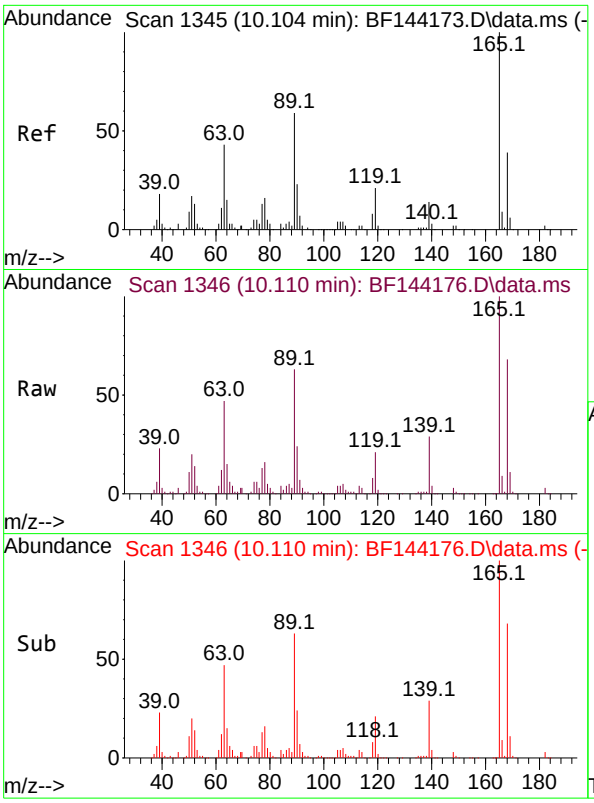




#56
4-Nitrophenol
Concen: 74.782 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:139 Resp: 117050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.5 | 39.9 | 79.9 |
| 65 | 104.1 | 79.5 | 119.5 |



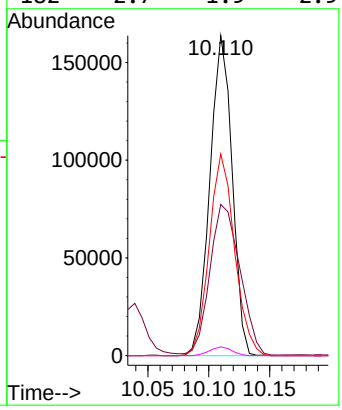


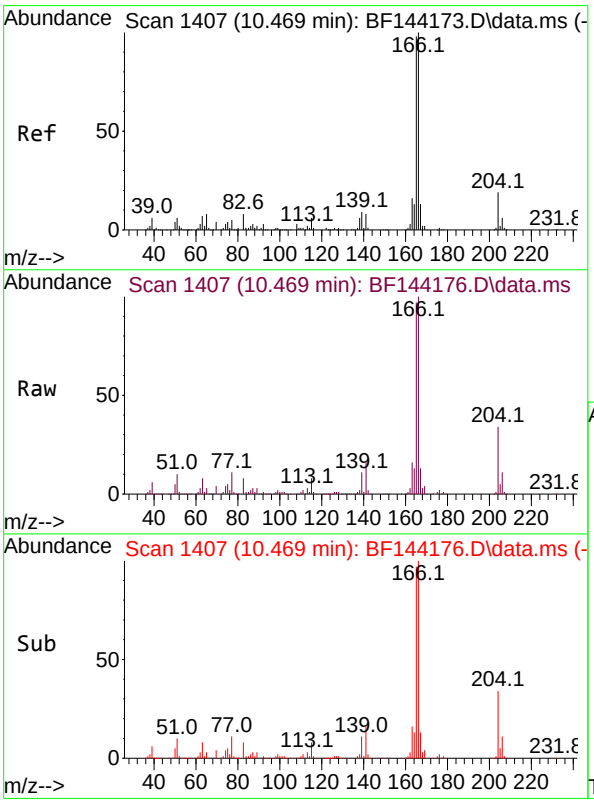

#57
2,4-Dinitrotoluene
Concen: 78.661 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:165 Resp: 208441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.2 | 35.5 | 53.3 |
| 89 | 63.0 | 47.4 | 71.2 |
| 182 | 2.7 | 1.9 | 2.9 |

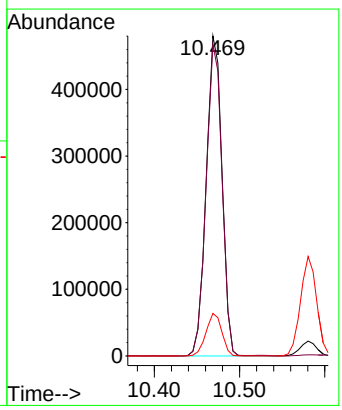


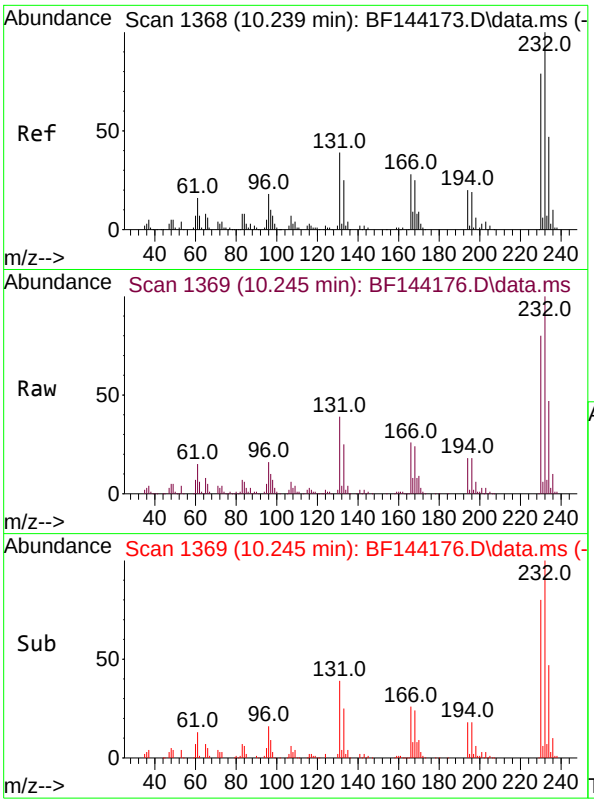




#58
Fluorene
Concen: 72.526 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:166 Resp: 618508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.3 | 78.6 | 118.0 |
| 167 | 13.3 | 10.4 | 15.6 |



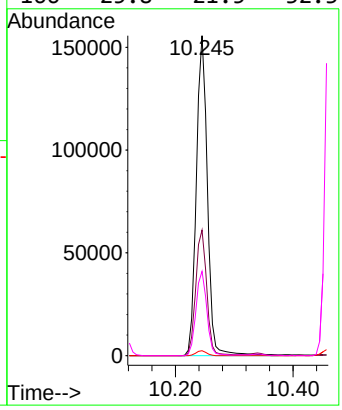


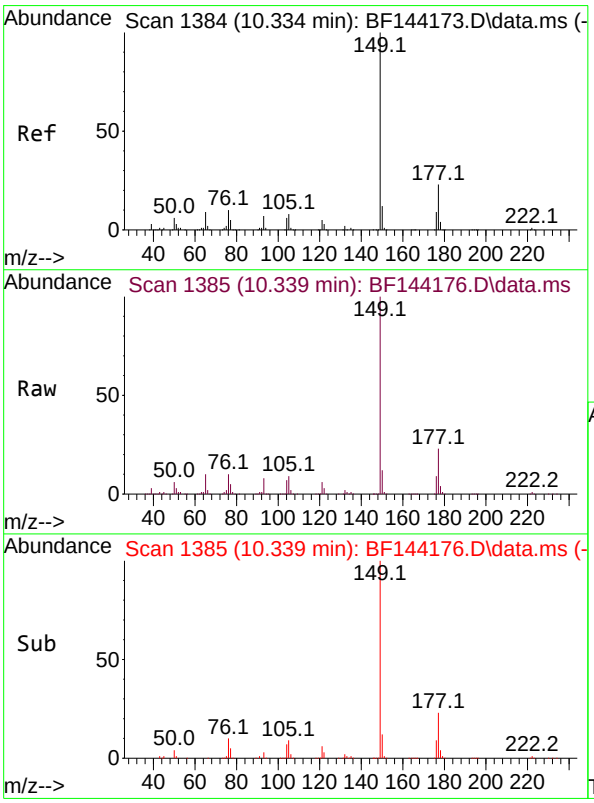

#59
2,3,4,6-Tetrachlorophenol
Concen: 81.067 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:232 Resp: 203523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 39.0 | 30.3 | 45.5 |
| 130 | 1.4 | 1.2 | 1.8 |
| 166 | 25.8 | 21.5 | 32.3 |

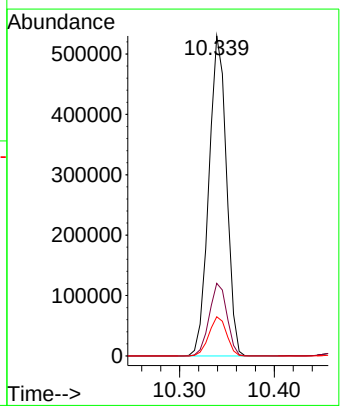


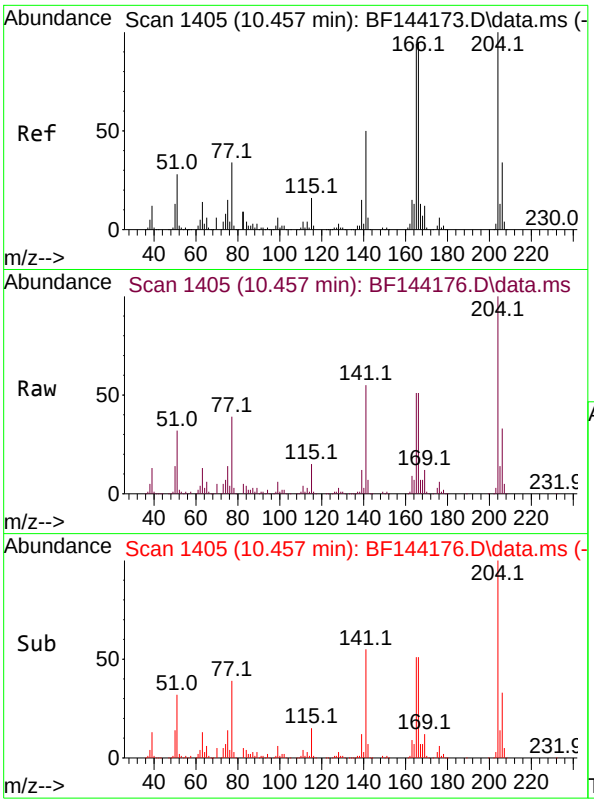




#60
Diethylphthalate
Concen: 76.182 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 686705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.7 | 18.3 | 27.5 |
| 150 | 12.2 | 9.8 | 14.6 |



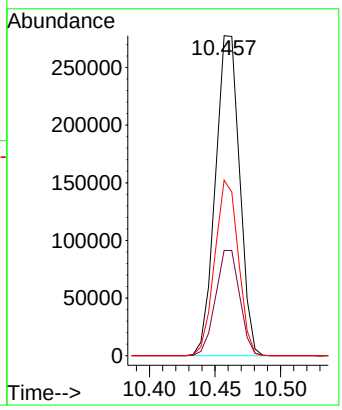


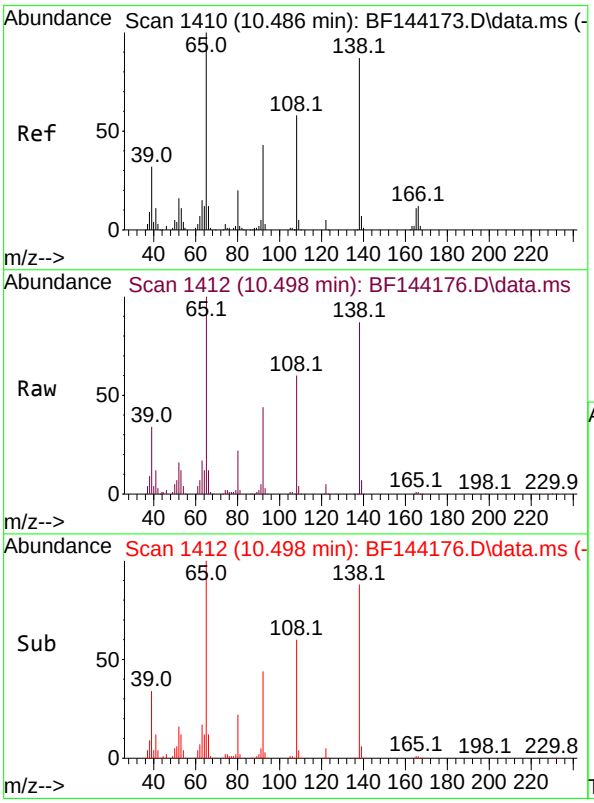

#61
4-Chlorophenyl-phenylether
Concen: 73.492 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:204 Resp: 357010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 27.4 | 41.2 |
| 141 | 54.8 | 40.0 | 60.0 |

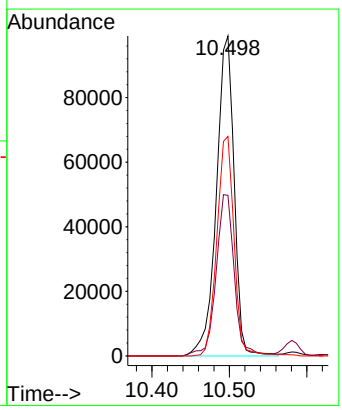


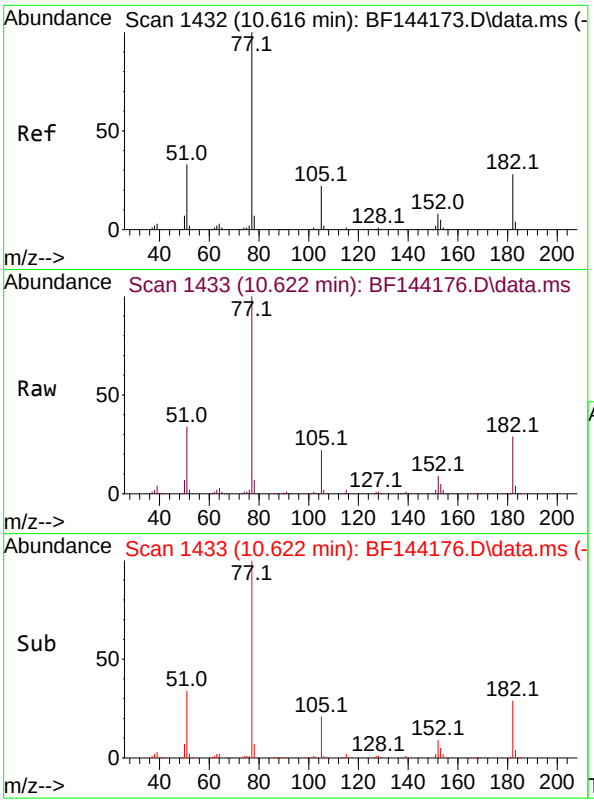




#62
4-Nitroaniline
Concen: 76.889 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 158441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.2 | 29.4 | 69.4 |
| 108 | 68.6 | 46.4 | 86.4 |



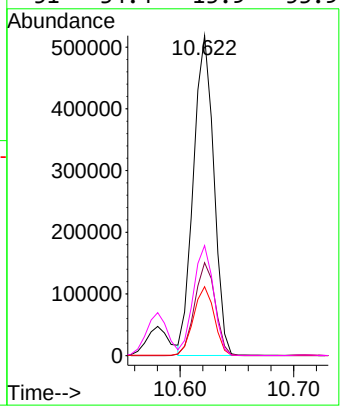


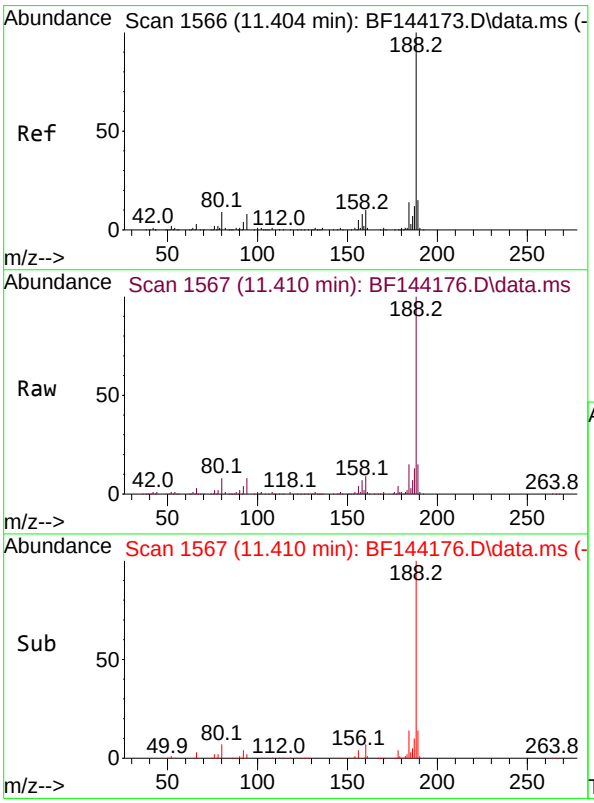

#63
Azobenzene
Concen: 77.117 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 77 Resp: 646943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.0 | 8.1 | 48.1 |
| 105 | 21.6 | 2.0 | 42.0 |
| 51 | 34.4 | 13.9 | 53.9 |

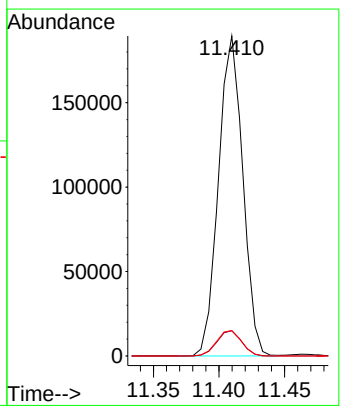


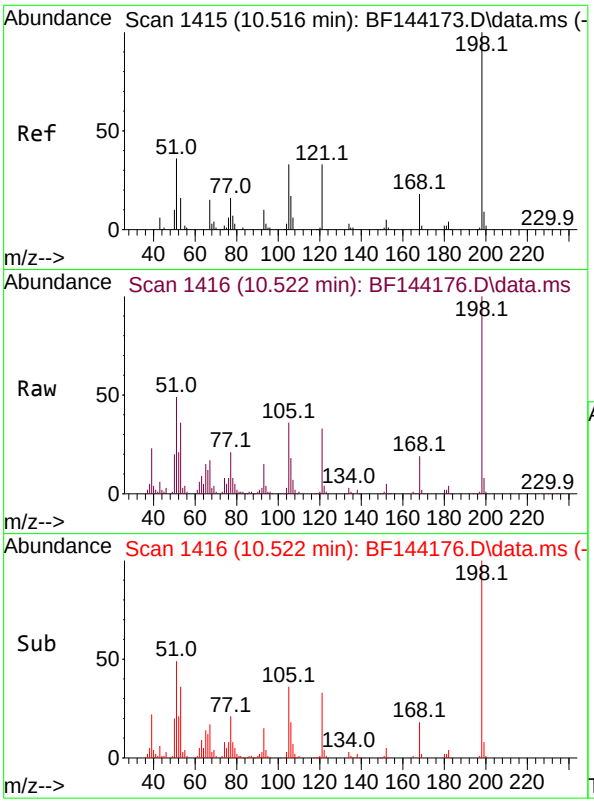




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:188 Resp: 244733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.2 | 9.2 |
| 80 | 7.9 | 6.9 | 10.3 |



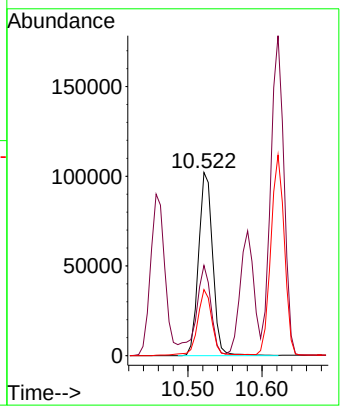


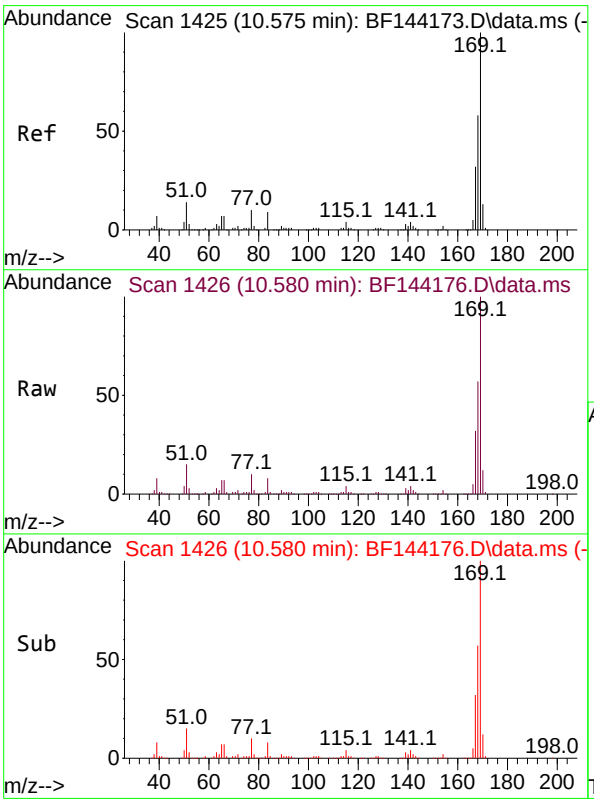

#65
4,6-Dinitro-2-methylphenol
Concen: 81.136 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:198 Resp: 134894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 49.2 | 25.6 | 65.6 |
| 105 | 36.0 | 14.6 | 54.6 |

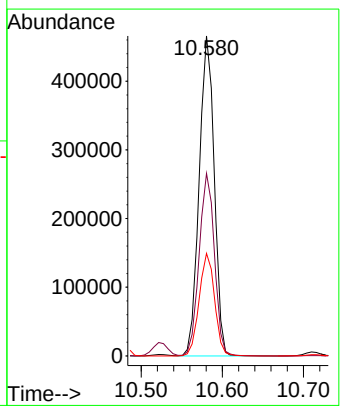


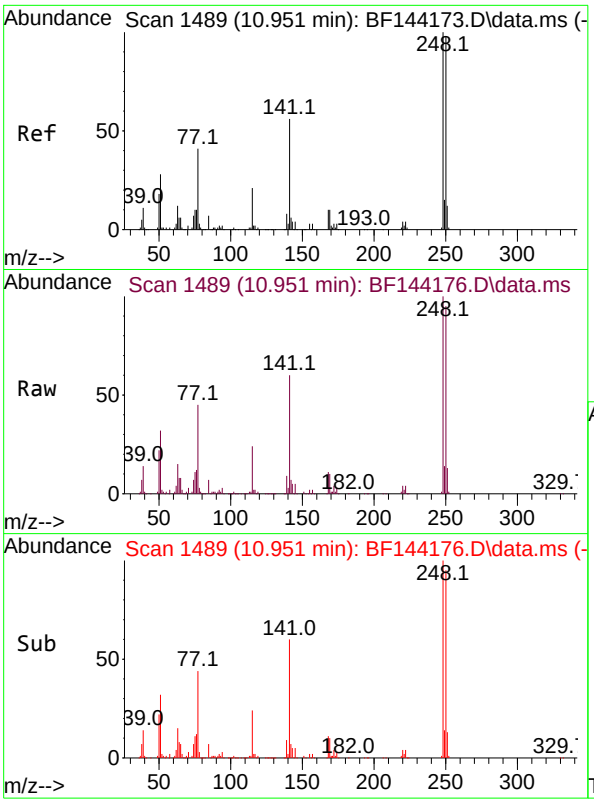




#66
n-Nitrosodiphenylamine
Concen: 76.327 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:169 Resp: 600791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 57.0 | 46.2 | 69.2 |
| 167 | 32.1 | 25.7 | 38.5 |



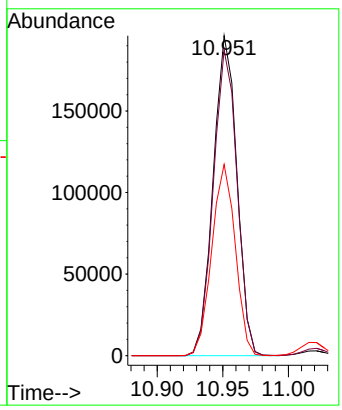


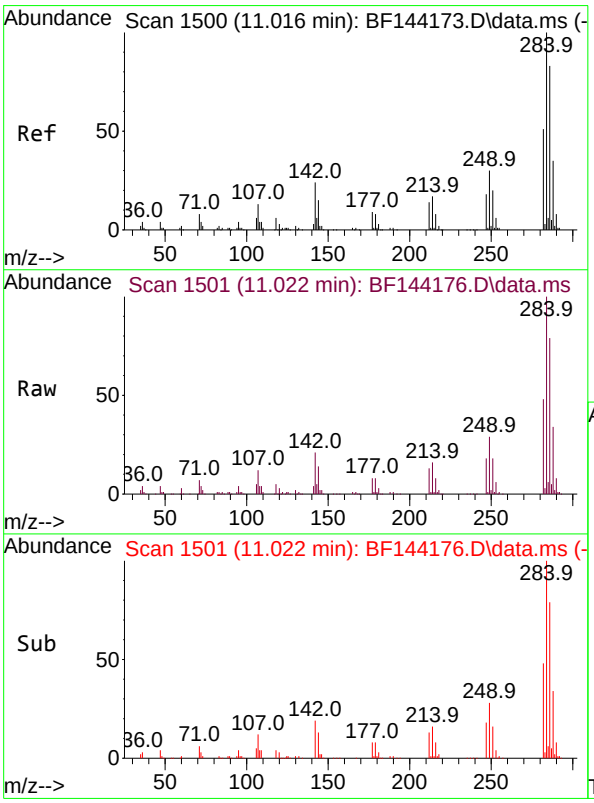

#67
4-Bromophenyl-phenylether
Concen: 78.826 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:248 Resp: 246236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.5 | 78.4 | 117.6 |
| 141 | 59.8 | 45.1 | 67.7 |

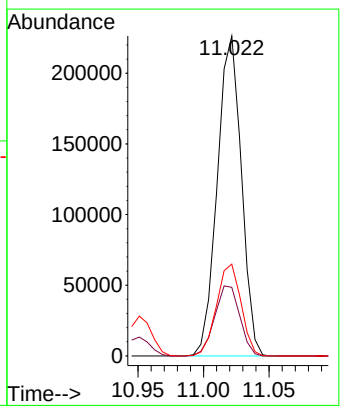


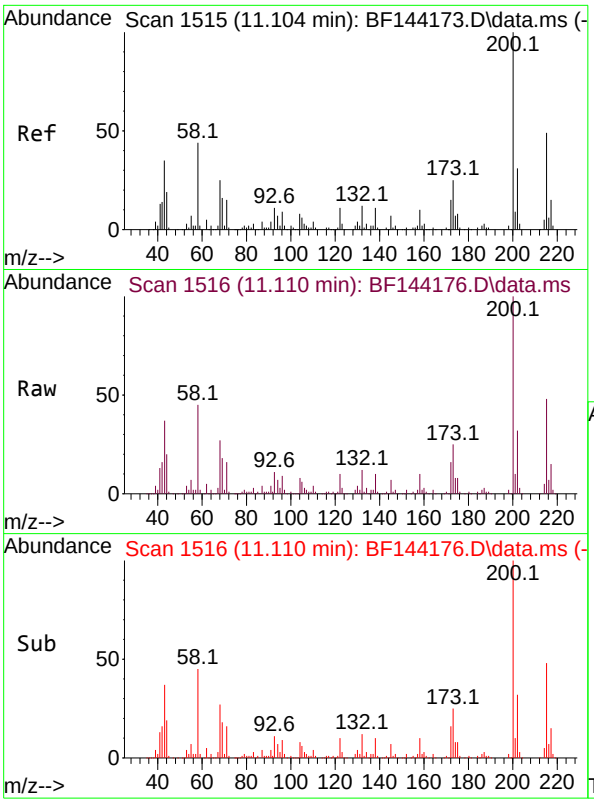




#68
Hexachlorobenzene
Concen: 78.769 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:284 Resp: 289823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 21.4 | 19.2 | 28.8 |
| 249 | 28.7 | 23.8 | 35.8 |



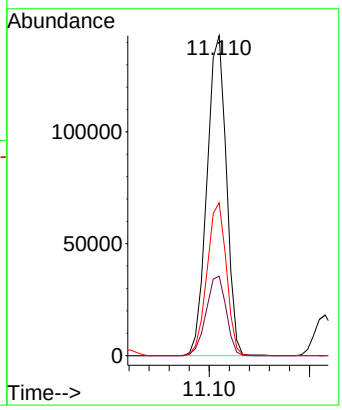


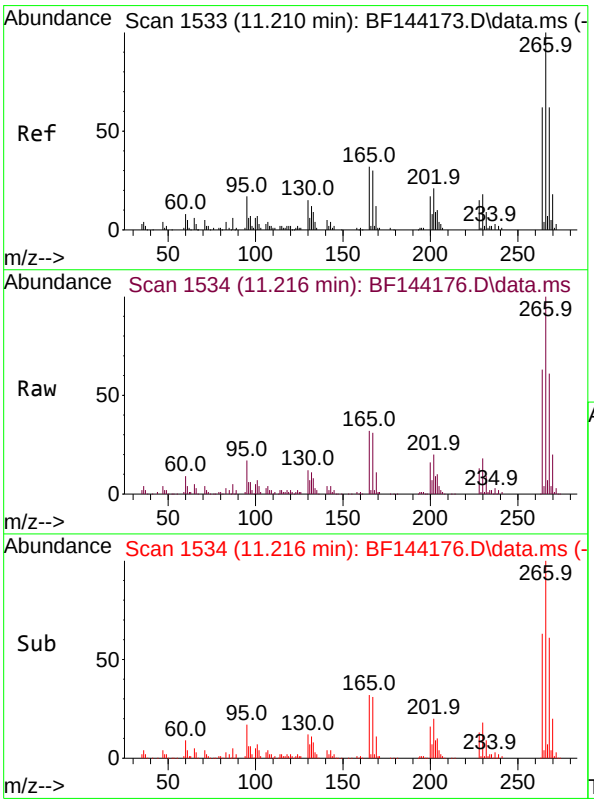

#69
Atrazine
Concen: 76.645 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:200 Resp: 191862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.8 | 5.0 | 45.0 |
| 215 | 47.8 | 28.7 | 68.7 |

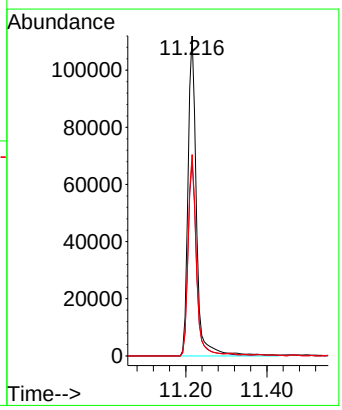


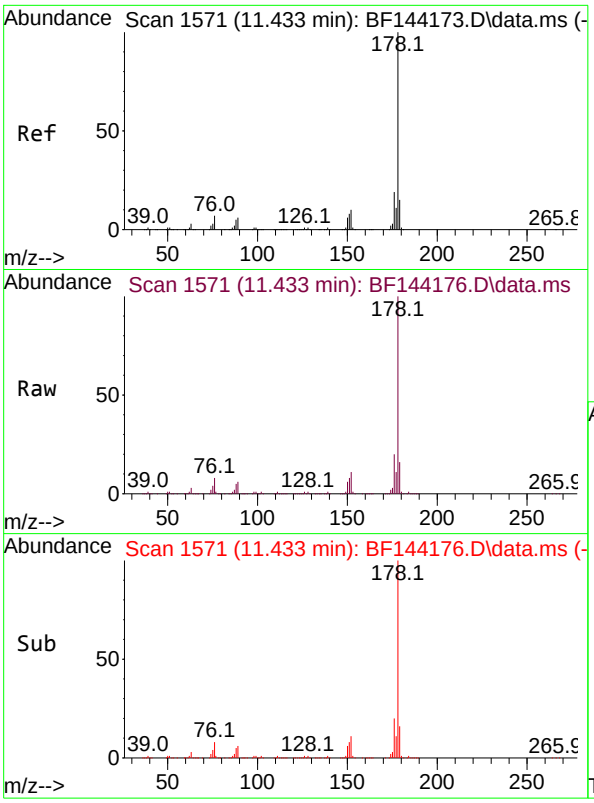




#70
Pentachlorophenol
Concen: 88.373 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:266 Resp: 161918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 60.8 | 49.5 | 74.3 |
| 264 | 63.0 | 49.4 | 74.2 |



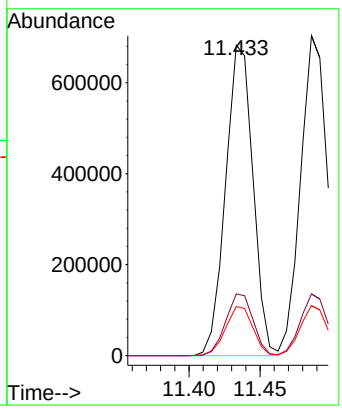


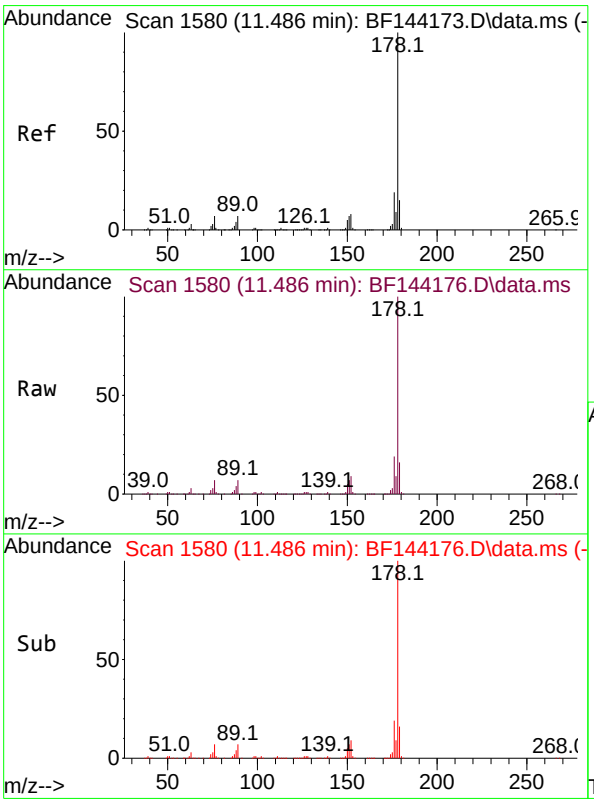

#71
Phenanthrene
Concen: 75.238 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:178 Resp: 916773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.5 | 23.3 |
| 179 | 15.8 | 12.2 | 18.4 |

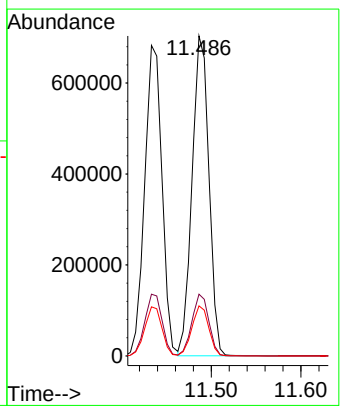


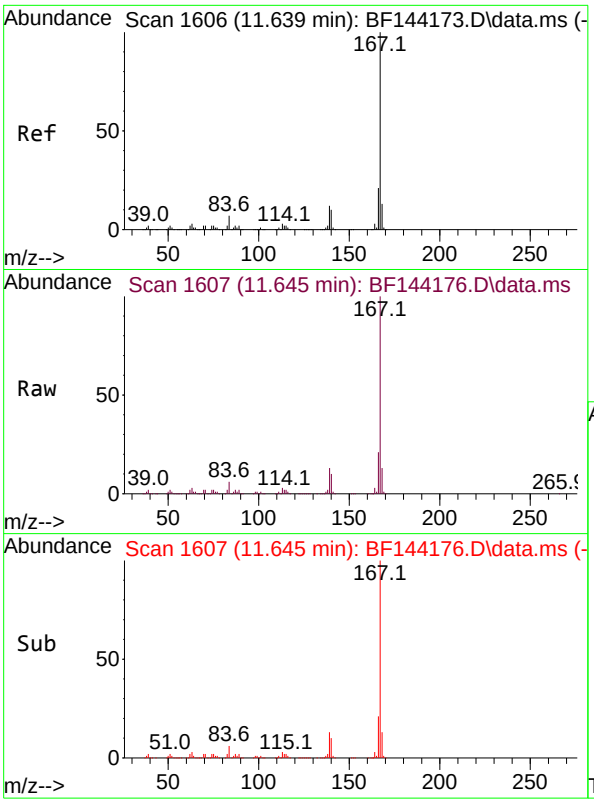




#72
Anthracene
Concen: 73.934 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.3 | 22.9 |
| 179 | 15.6 | 12.0 | 18.0 |



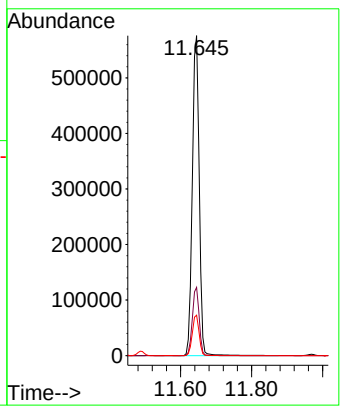


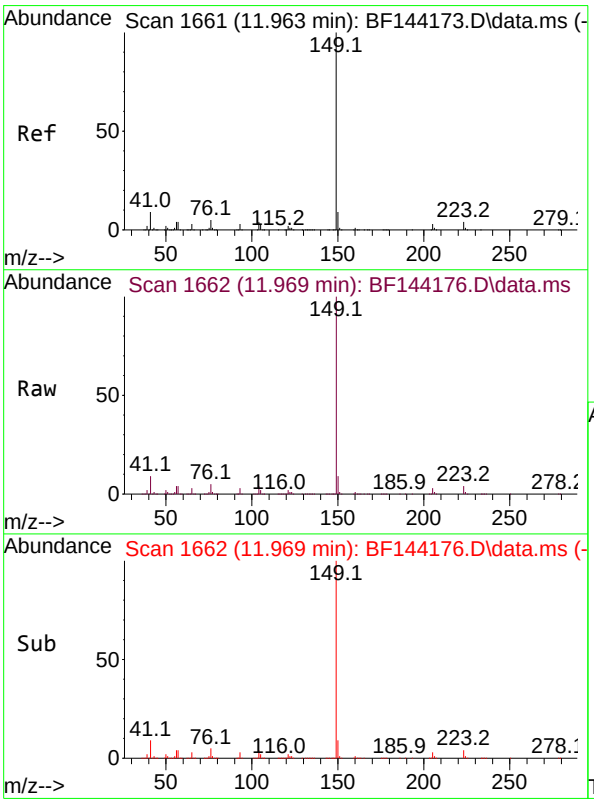

#73
Carbazole
Concen: 73.816 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:167 Resp: 777702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.2 | 25.8 |
| 139 | 12.6 | 9.9 | 14.9 |

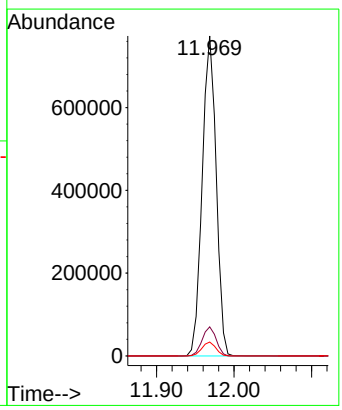


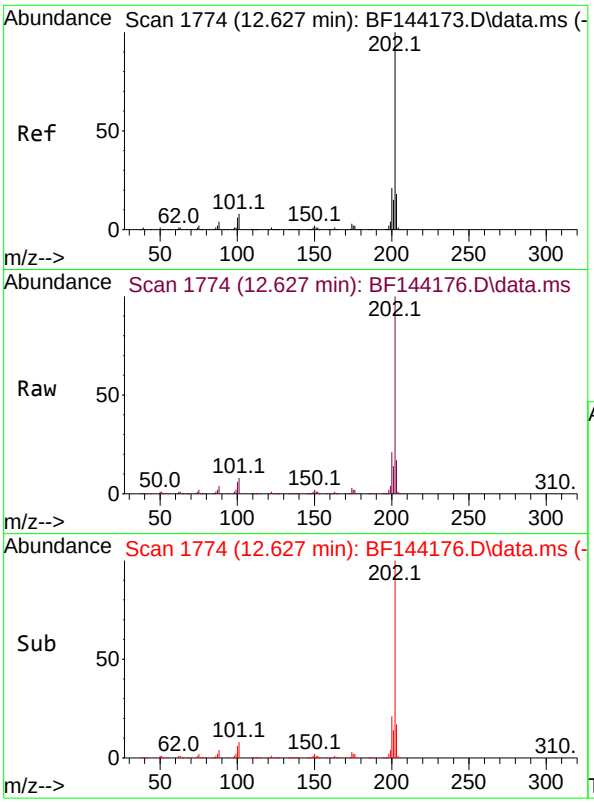




#74
Di-n-butylphthalate
Concen: 75.822 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 965695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.4 | 11.0 |
| 104 | 4.3 | 3.4 | 5.2 |



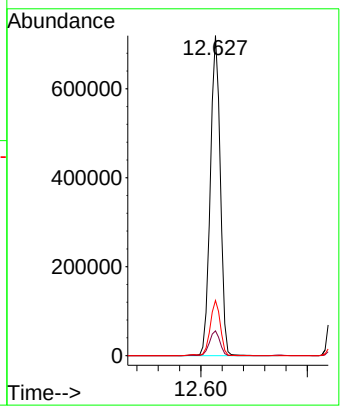


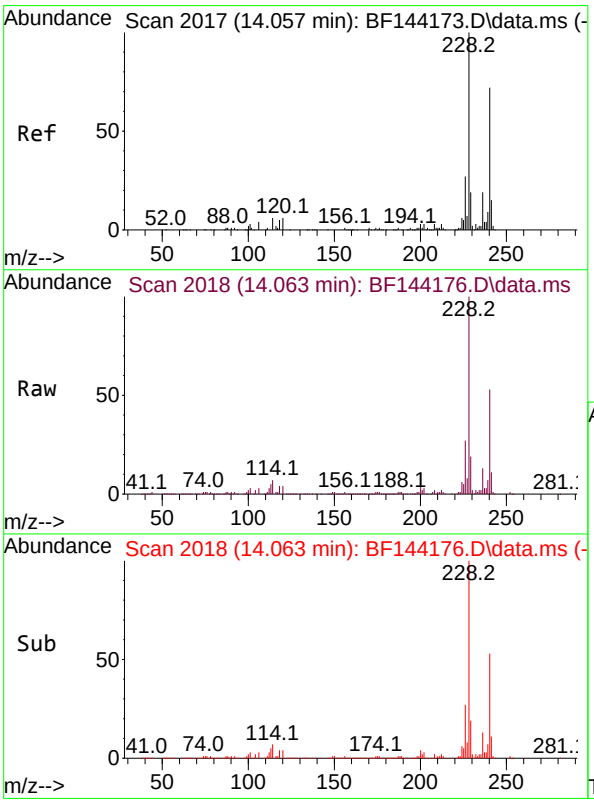

#75
Fluoranthene
Concen: 74.476 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:202 Resp: 937436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.7 | 0.0 | 27.9 |
| 203 | 17.2 | 0.0 | 37.5 |

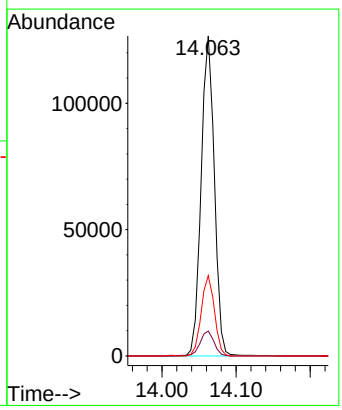


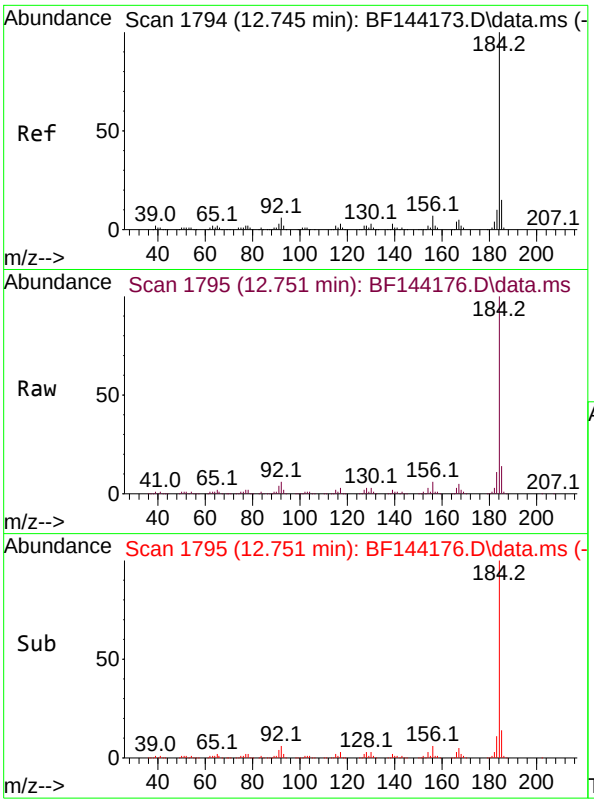




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:240 Resp: 156809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.7 | 6.6 | 10.0 |
| 236 | 25.1 | 21.4 | 32.2 |



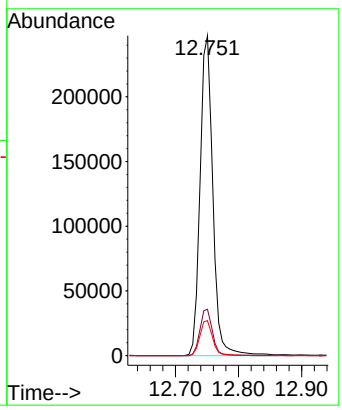


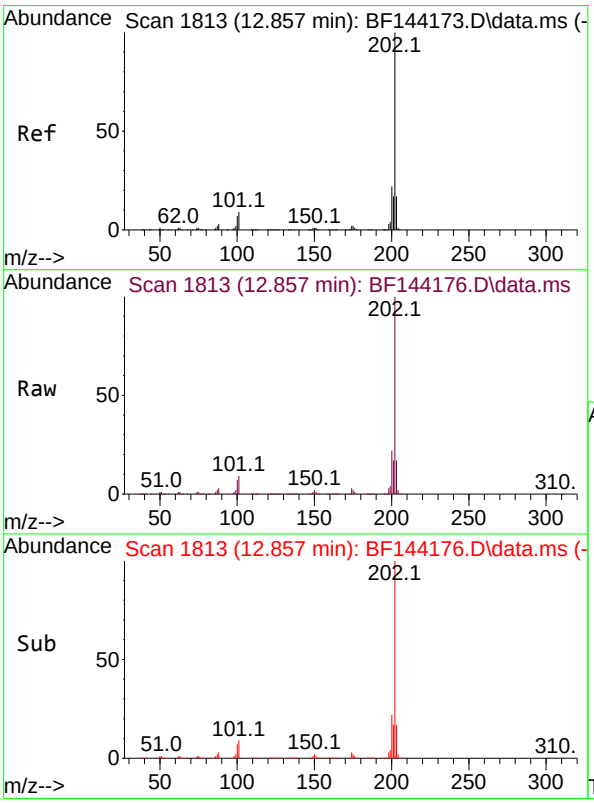

#77
Benzidine
Concen: 74.828 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:184 Resp: 347077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 11.7 | 17.5 |
| 183 | 10.9 | 8.3 | 12.5 |

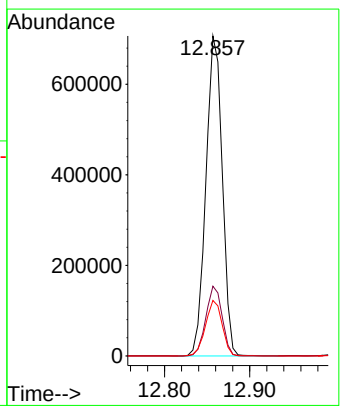


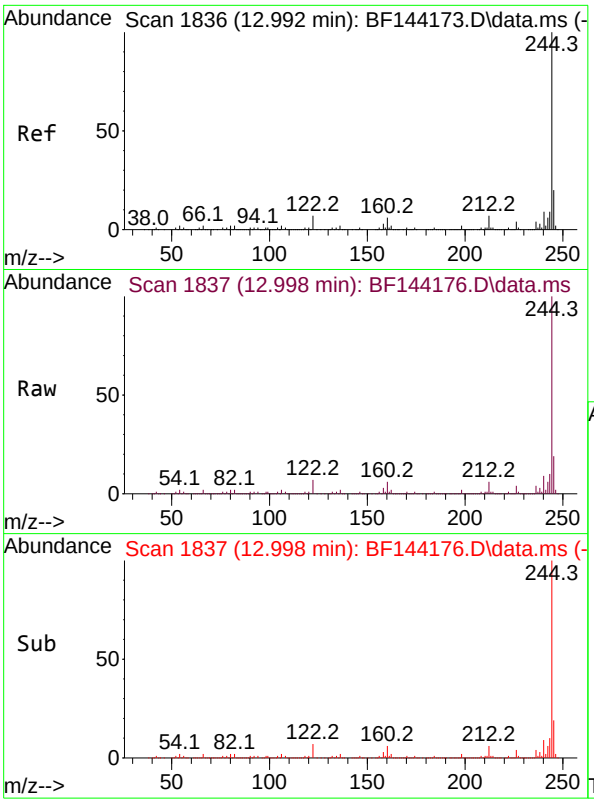




#78
Pyrene
Concen: 74.600 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:202 Resp: 943190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.2 | 25.8 |
| 203 | 17.3 | 13.7 | 20.5 |



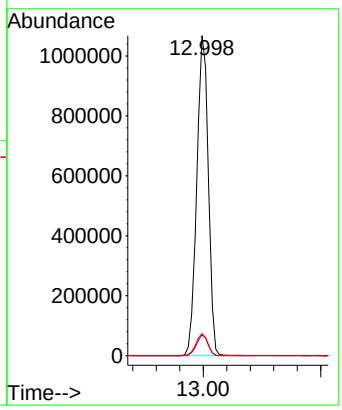


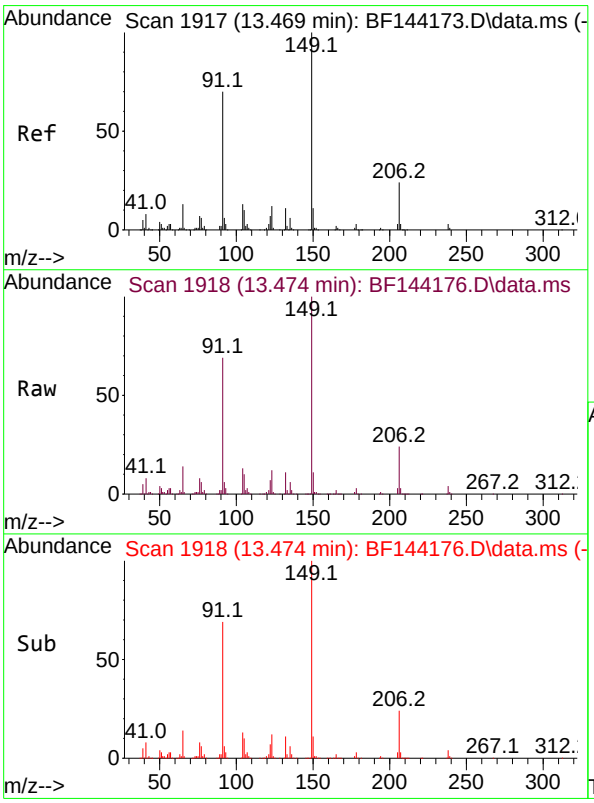

#79
Terphenyl-d14
Concen: 146.810 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:244 Resp: 1449323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.3 | 7.9 |
| 122 | 6.9 | 5.6 | 8.4 |

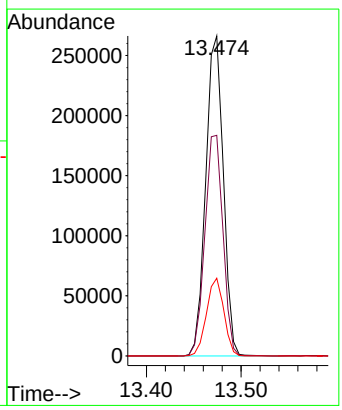


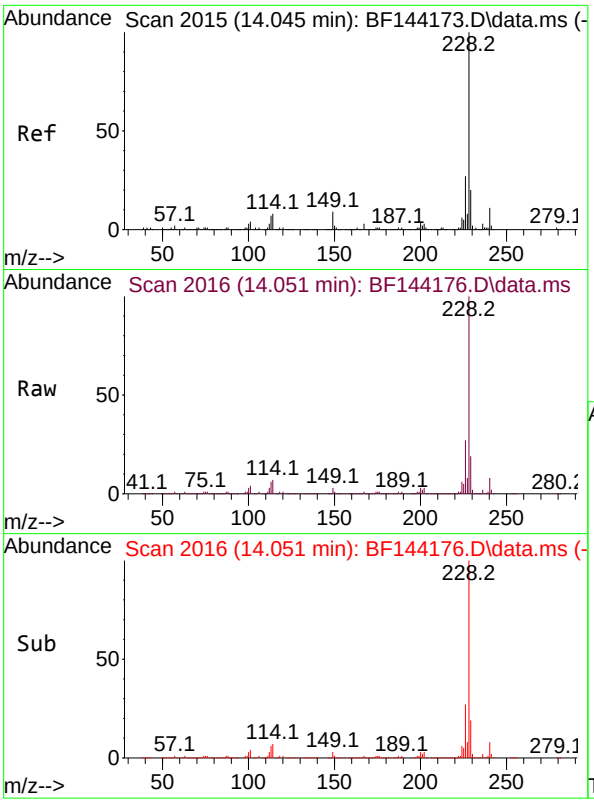




#80
Butylbenzylphthalate
Concen: 78.633 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 344575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.9 | 56.1 | 84.1 |
| 206 | 24.3 | 18.8 | 28.2 |



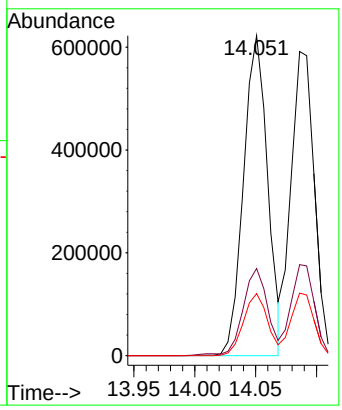


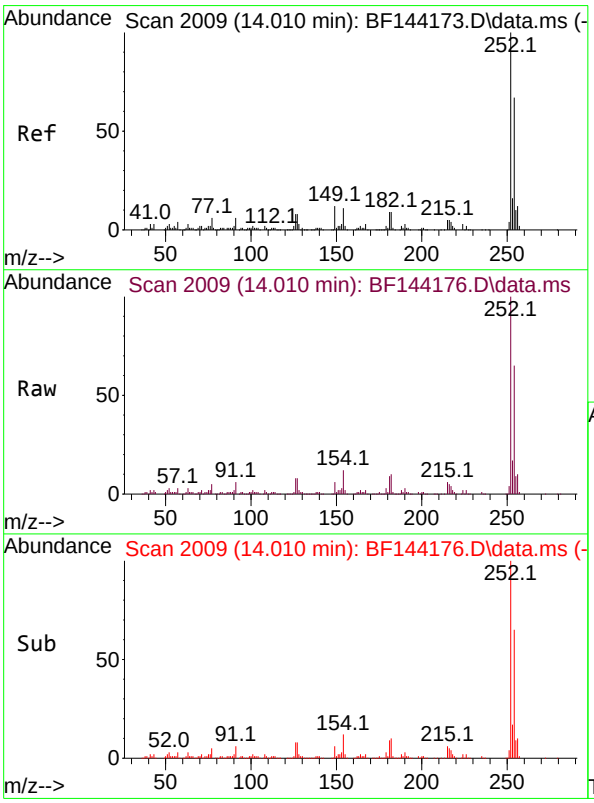

#81
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:228 Resp: 856602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.8 | 32.8 |
| 229 | 19.4 | 15.8 | 23.6 |

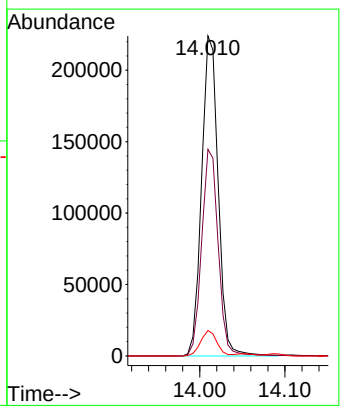


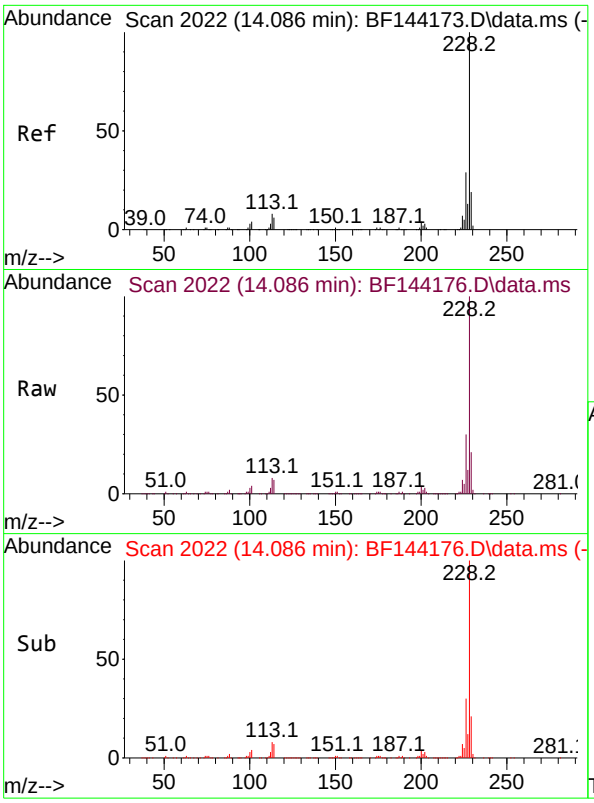




#82
3,3'-Dichlorobenzidine
Concen: 81.046 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 301919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 53.5 | 80.3 |
| 126 | 7.9 | 6.4 | 9.6 |



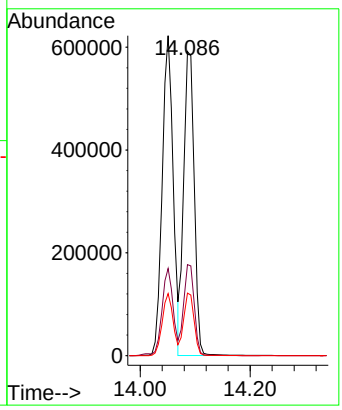


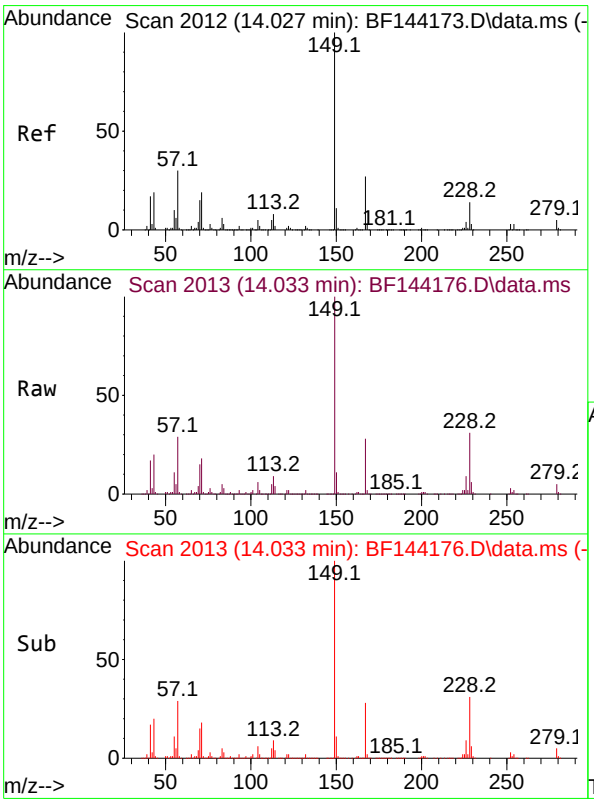

#83
Chrysene
Concen: 78.982 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:228 Resp: 792397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 22.9 | 34.3 |
| 229 | 20.5 | 15.0 | 22.6 |

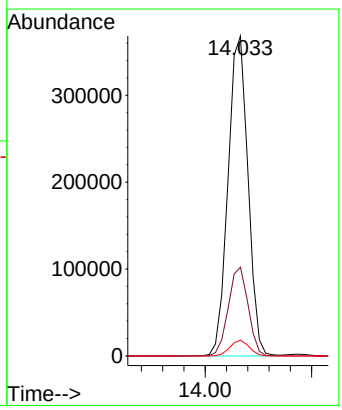


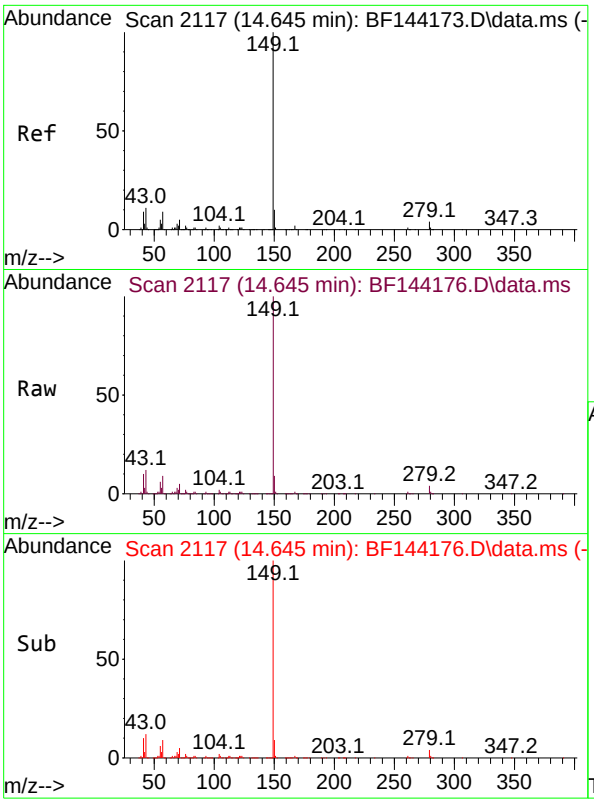




#84
Bis(2-ethylhexyl)phthalate
Concen: 79.898 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 479285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 21.8 | 32.8 |
| 279 | 4.9 | 3.7 | 5.5 |



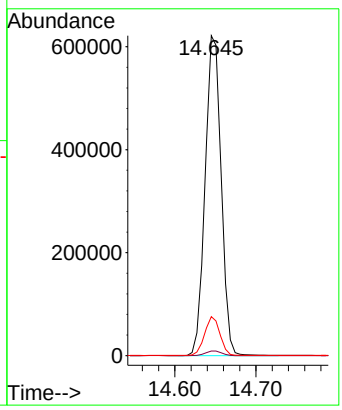


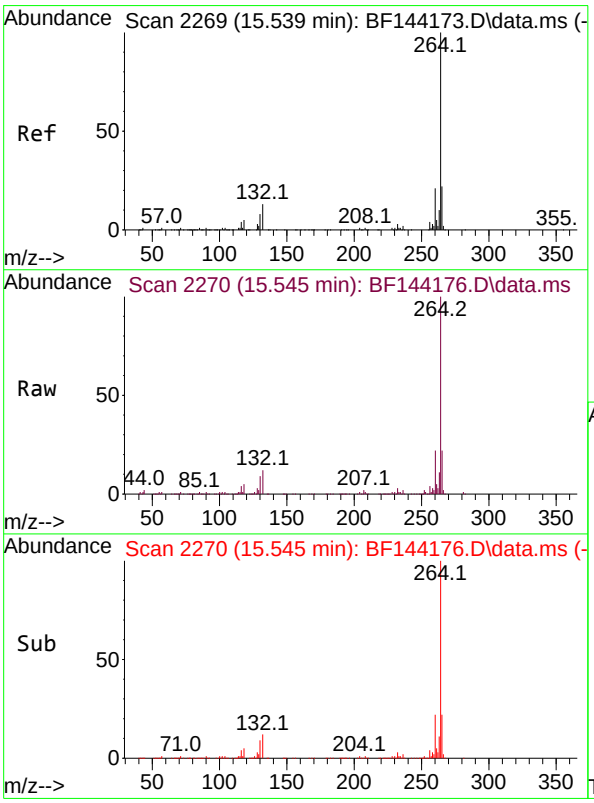

#85
Di-n-octyl phthalate
Concen: 82.657 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:149 Resp: 855486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 11.5 | 9.0 | 13.4 |

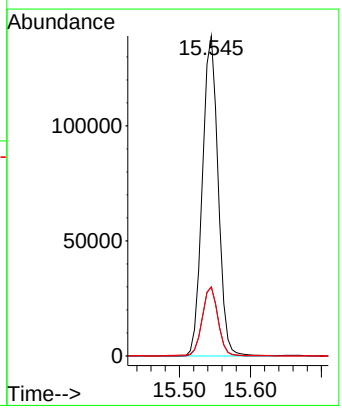


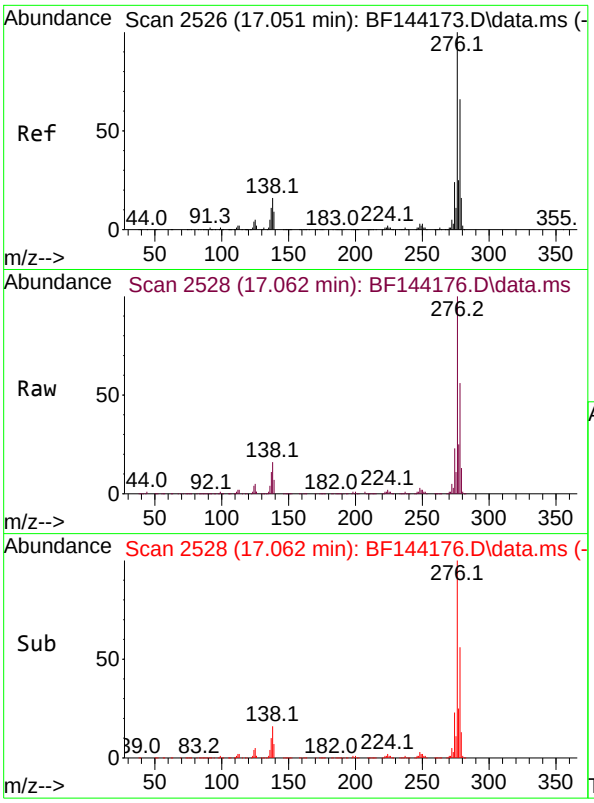




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:264 Resp: 213275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.6 | 17.1 | 25.7 |
| 265 | 21.5 | 17.4 | 26.0 |



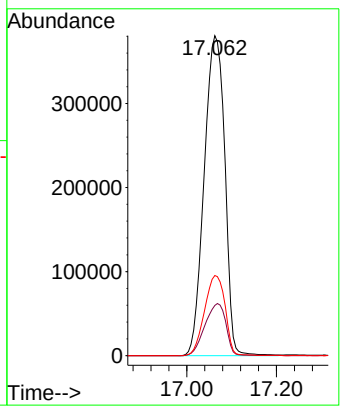


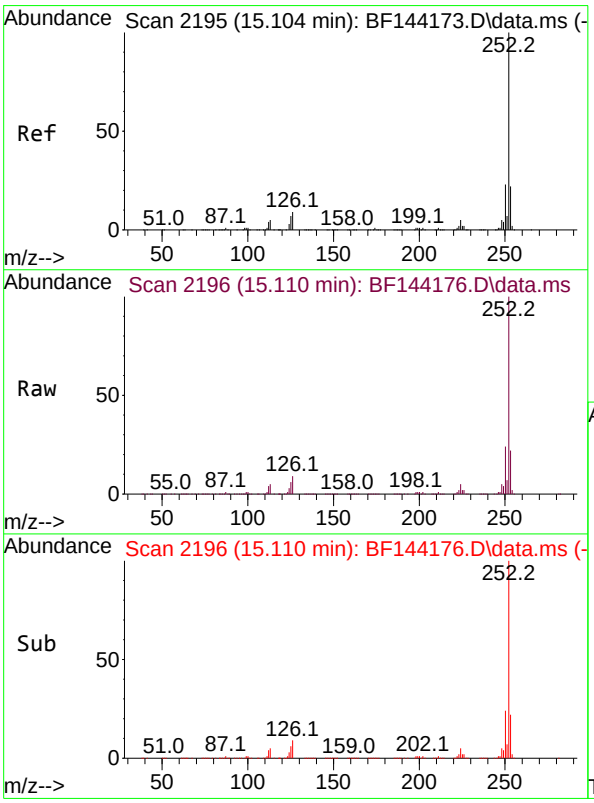

#87
Indeno(1,2,3-cd)pyrene
Concen: 79.403 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:276 Resp: 1215637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.6 | 13.9 | 20.9 |
| 277 | 24.9 | 19.8 | 29.6 |

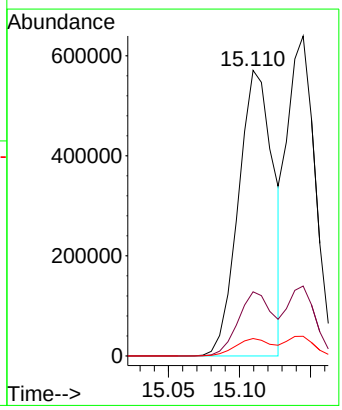


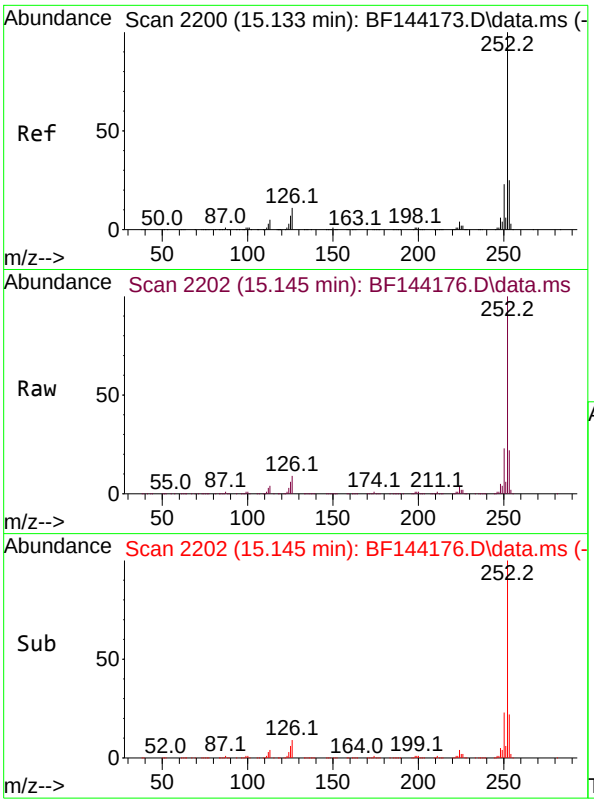




#88
Benzo(b)fluoranthene
Concen: 80.454 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 975518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.4 | 26.2 |
| 125 | 6.1 | 5.3 | 7.9 |



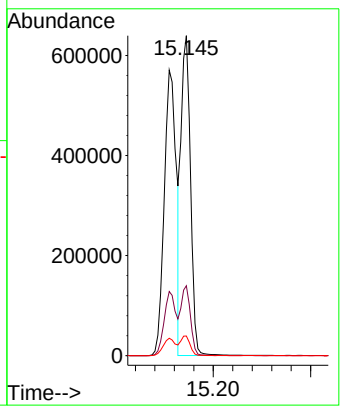


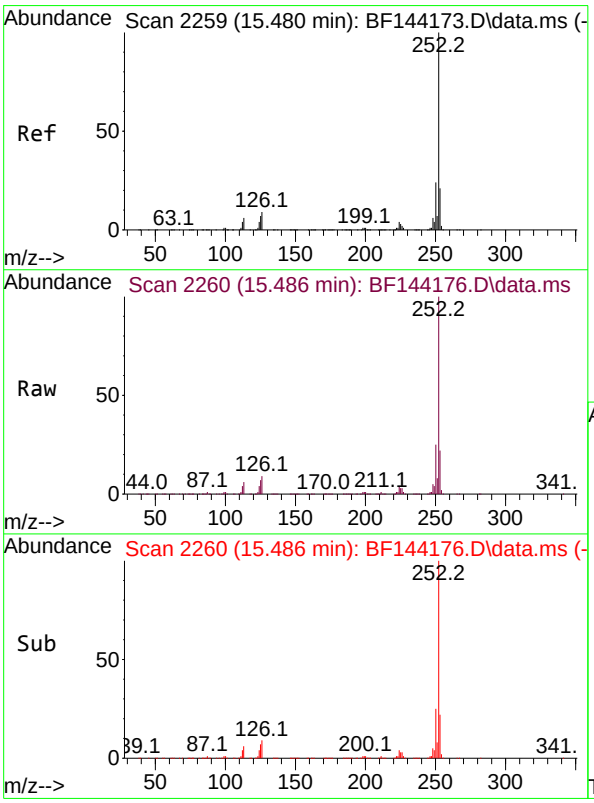

#89
Benzo(k)fluoranthene
Concen: 76.728 ng
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:252 Resp: 870791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.0 | 27.0 |
| 125 | 6.1 | 5.4 | 8.2 |

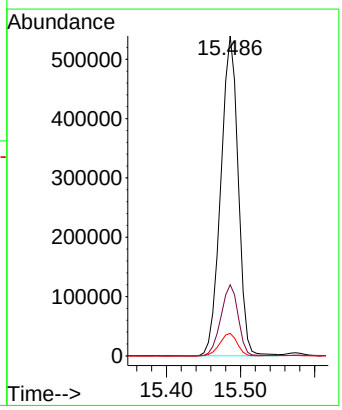


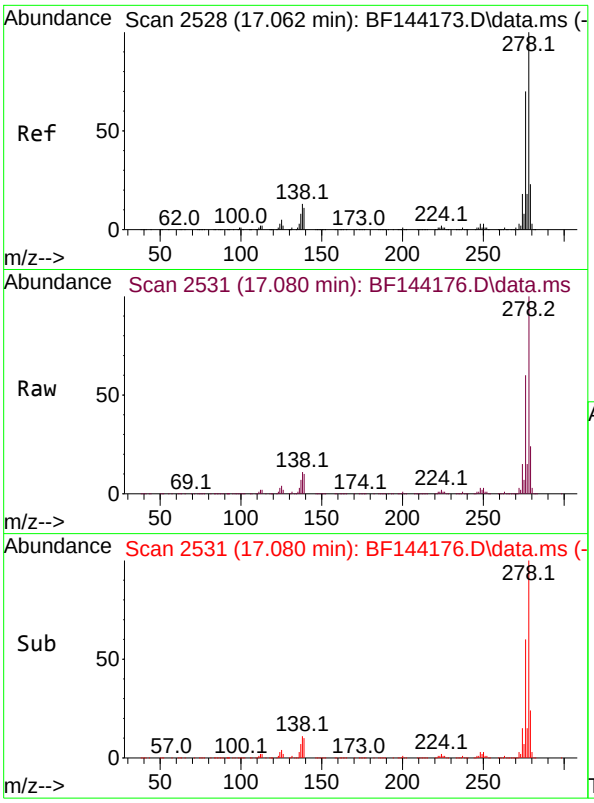




#90
Benzo(a)pyrene
Concen: 78.458 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 877623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 16.7 | 25.1 |
| 125 | 7.0 | 5.7 | 8.5 |



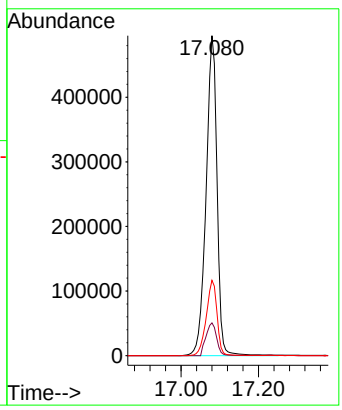


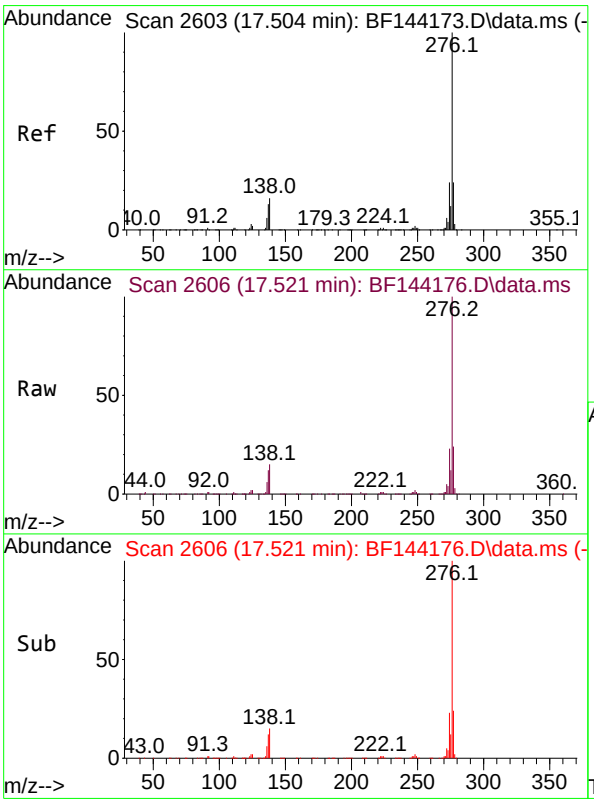

#91
Dibenzo(a,h)anthracene
Concen: 78.952 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:278 Resp: 970735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.2 | 9.1 | 13.7 |
| 279 | 23.6 | 18.2 | 27.4 |

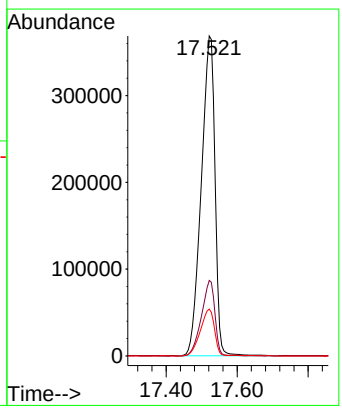



#92
Benzo(g,h,i)perylene
Concen: 80.827 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:276 Resp: 981387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.0 | 28.4 |
| 138 | 14.6 | 12.9 | 19.3 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 69106 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 264133 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 143807 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 244964 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 162721 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 215110 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 310198 | 70.243 | ng | | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 347682 | 69.484 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.440 | 82 | 313737 | 68.601 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 122691 | 67.987 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 679055 | 69.741 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 689624 | 67.318 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.605 | 88 | 63887 | 34.992 | ng | | 99 |
| 3) Pyridine | 3.375 | 79 | 165752 | 32.541 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.322 | 42 | 96379 | 36.224 | ng | | 99 |
| 6) Aniline | 6.534 | 93 | 264913 | 37.159 | ng | | 99 |
| 8) 2-Chlorophenol | 6.657 | 128 | 151995 | 35.096 | ng | | 100 |
| 9) Benzaldehyde | 6.428 | 77 | 128101 | 45.337 | ng | | 99 |
| 10) Phenol | 6.516 | 94 | 217418 | 35.563 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 156661 | 35.167 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 192589 | 36.038 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.893 | 146 | 191978 | 35.858 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 189651 | 36.957 | ng | | 98 |
| 15) Benzyl Alcohol | 7.016 | 79 | 141026 | 35.593 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 289907 | 35.340 | ng | | 99 |
| 17) 2-Methylphenol | 7.122 | 107 | 119633 | 34.723 | ng | | 97 |
| 18) Hexachloroethane | 7.387 | 117 | 64124 | 36.050 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 112165 | 34.051 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 145554 | 35.839 | ng | # | 89 |
| 22) Acetophenone | 7.281 | 105 | 204331 | 36.061 | ng | | 98 |
| 24) Nitrobenzene | 7.457 | 77 | 172618 | 34.763 | ng | | 99 |
| 25) Isophorone | 7.692 | 82 | 300648 | 34.755 | ng | | 100 |
| 26) 2-Nitrophenol | 7.775 | 139 | 89771 | 36.521 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 144915 | 39.334 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 191347 | 35.422 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 144739 | 34.086 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 155562 | 35.677 | ng | | 99 |
| 31) Naphthalene | 8.181 | 128 | 438013 | 34.861 | ng | | 99 |
| 32) Benzoic acid | 7.916 | 122 | 81416m | 30.148 | ng | | |
| 33) 4-Chloroaniline | 8.228 | 127 | 177275 | 38.685 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 113543 | 34.552 | ng | | 99 |
| 35) Caprolactam | 8.592 | 113 | 38947 | 33.478 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 130667 | 34.336 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 268630 | 31.978 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 271310 | 33.472 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 173491 | 36.811 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 69987 | 46.350 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 113418 | 35.357 | ng | | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 121621 | 35.179 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 366655 | 36.526 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 300481 | 35.092 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 88055 | 35.641 | ng | 97 |
| 49) Acenaphthylene | 9.775 | 152 | 464616 | 39.818 | ng | 99 |
| 50) Dimethylphthalate | 9.634 | 163 | 334163 | 35.076 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 70890 | 36.758 | ng | 97 |
| 52) Acenaphthene | 9.951 | 154 | 262974 | 33.702 | ng | 98 |
| 53) 3-Nitroaniline | 9.869 | 138 | 74572 | 35.372 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 33460 | 28.732 | ng | 97 |
| 55) Dibenzofuran | 10.122 | 168 | 389072 | 35.602 | ng | 99 |
| 56) 4-Nitrophenol | 10.034 | 139 | 47167 | 30.929 | ng | 93 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 92928 | 35.994 | ng | 98 |
| 58) Fluorene | 10.463 | 166 | 298316 | 35.903 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 91542 | 37.425 | ng | 98 |
| 60) Diethylphthalate | 10.333 | 149 | 304274 | 34.646 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 165662 | 35.002 | ng | 98 |
| 62) 4-Nitroaniline | 10.481 | 138 | 70828 | 35.278 | ng | 97 |
| 63) Azobenzene | 10.616 | 77 | 293901 | 35.958 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 52164 | 31.346 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 10.575 | 169 | 285930 | 36.292 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 106730 | 34.135 | ng | 97 |
| 68) Hexachlorobenzene | 11.016 | 284 | 128202 | 34.810 | ng | 98 |
| 69) Atrazine | 11.098 | 200 | 92182 | 36.790 | ng | 97 |
| 70) Pentachlorophenol | 11.216 | 266 | 59981 | 32.706 | ng | 99 |
| 71) Phenanthrene | 11.433 | 178 | 427466 | 35.049 | ng | 99 |
| 72) Anthracene | 11.486 | 178 | 437609 | 35.286 | ng | 100 |
| 73) Carbazole | 11.639 | 167 | 360909 | 34.224 | ng | 99 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 440261 | 34.535 | ng | 99 |
| 75) Fluoranthene | 12.622 | 202 | 432624 | 34.338 | ng | 99 |
| 77) Benzidine | 12.745 | 184 | 217389 | 45.165 | ng | 99 |
| 78) Pyrene | 12.857 | 202 | 433110 | 33.011 | ng | 99 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 157485 | 34.633 | ng | 98 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 377686 | 33.489 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 153129 | 39.612 | ng | 96 |
| 83) Chrysene | 14.086 | 228 | 359786 | 34.559 | ng | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 217122 | 34.880 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 377429 | 35.142 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.051 | 276 | 525298 | 34.019 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 428292 | 35.021 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 371234 | 32.431 | ng | 99 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 399556 | 35.415 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.062 | 278 | 423195 | 34.126 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.504 | 276 | 426866 | 34.857 | ng | 98 |

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

ICAL Form

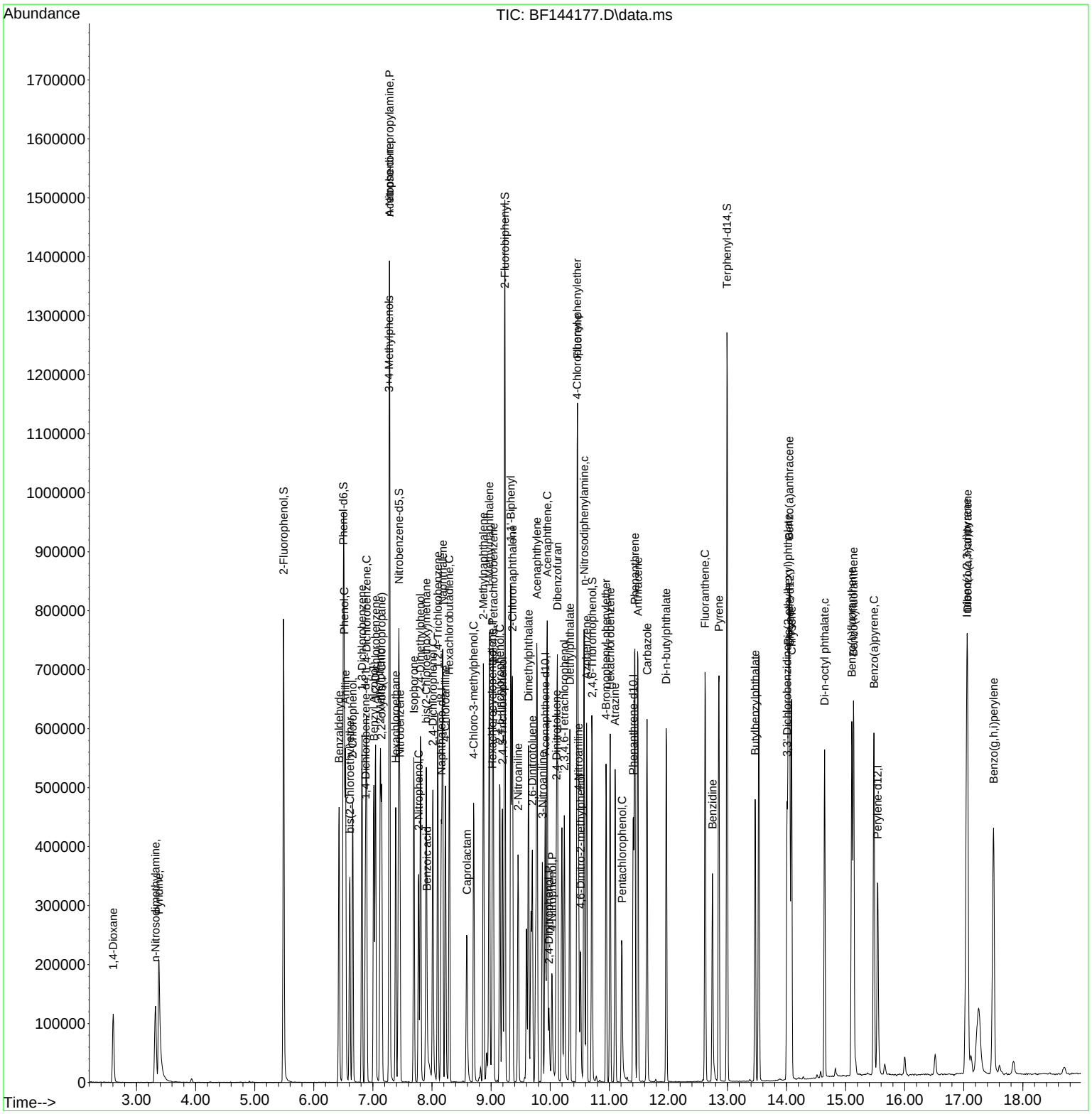
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

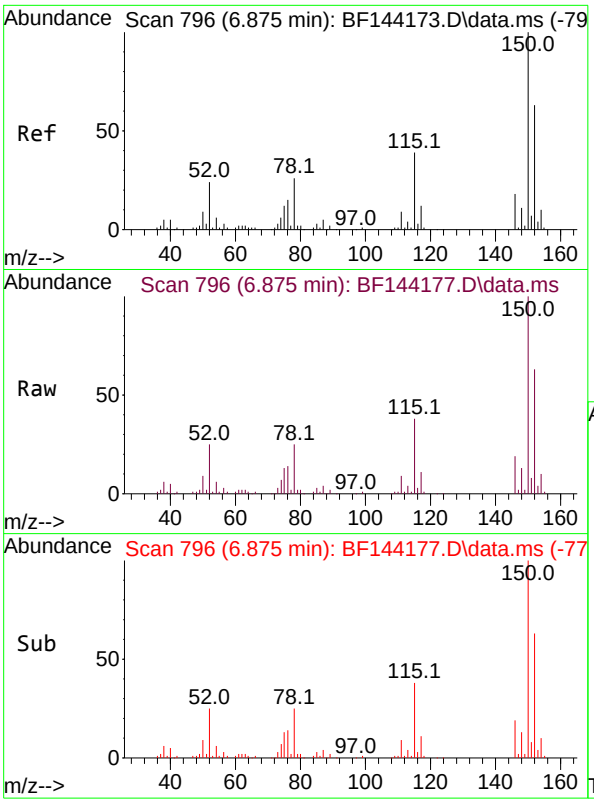
Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

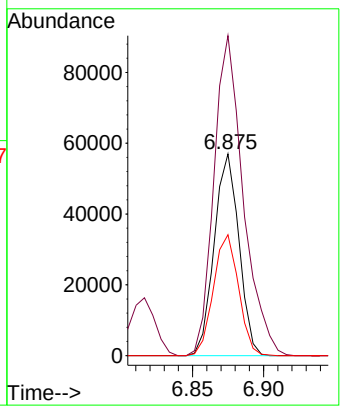





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:152 Resp: 6910

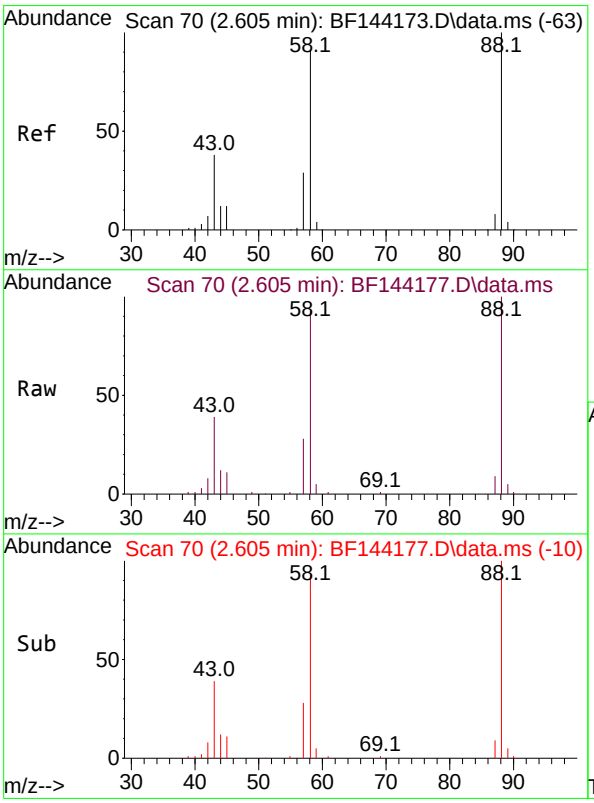
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.6 | 127.4 | 191.0 |
| 115 | 59.9 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
**APPROVED**

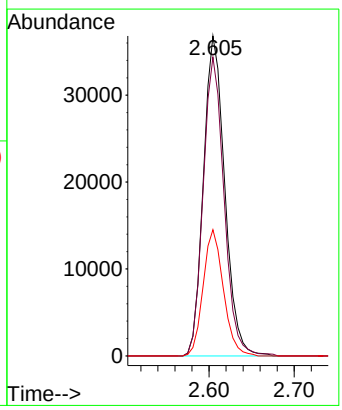
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

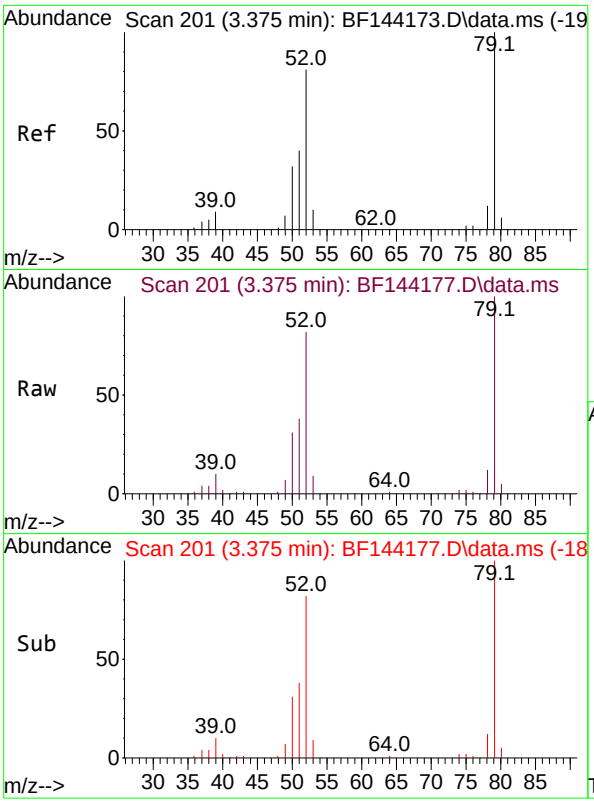



#2
1,4-Dioxane
Concen: 34.992 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 88 Resp: 63887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 91.6 | 73.1 | 109.7 |
| 43 | 37.5 | 31.0 | 46.6 |

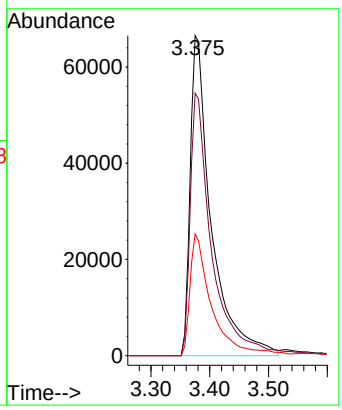





#3
Pyridine
Concen: 32.541 ng
RT: 3.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 79 Resp: 16575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 82.0 | 64.5 | 96.7 |
| 51 | 38.0 | 31.7 | 47.5 |




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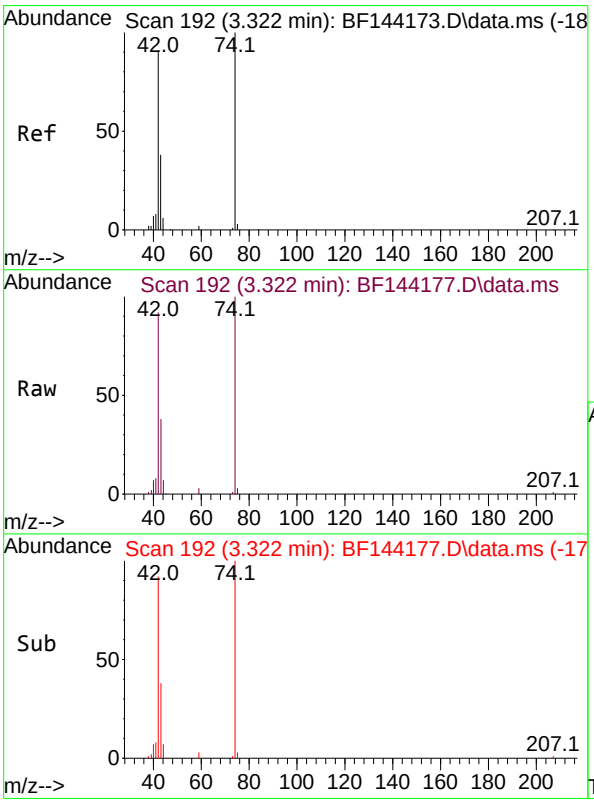
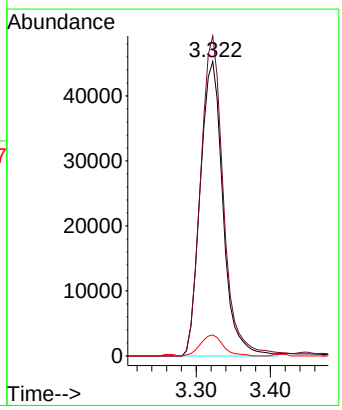
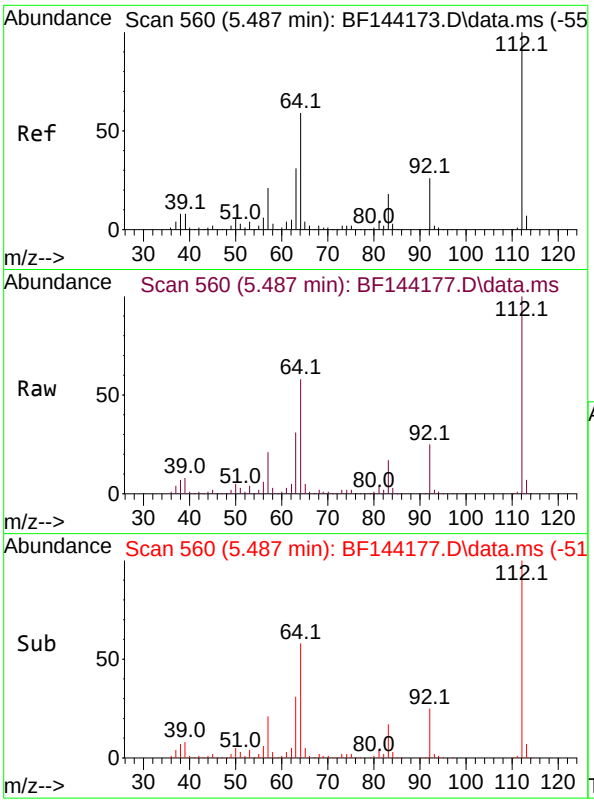



#4
n-Nitrosodimethylamine
Concen: 36.224 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 42 Resp: 96379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 108.7 | 88.2 | 132.4 |
| 44 | 7.1 | 5.7 | 8.5 |






#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:112 Resp: 31019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.4 | 47.2 | 70.8 |
| 63 | 30.6 | 24.4 | 36.6 |

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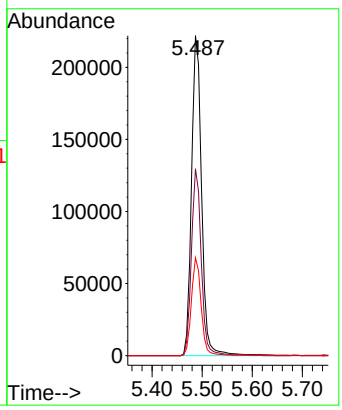
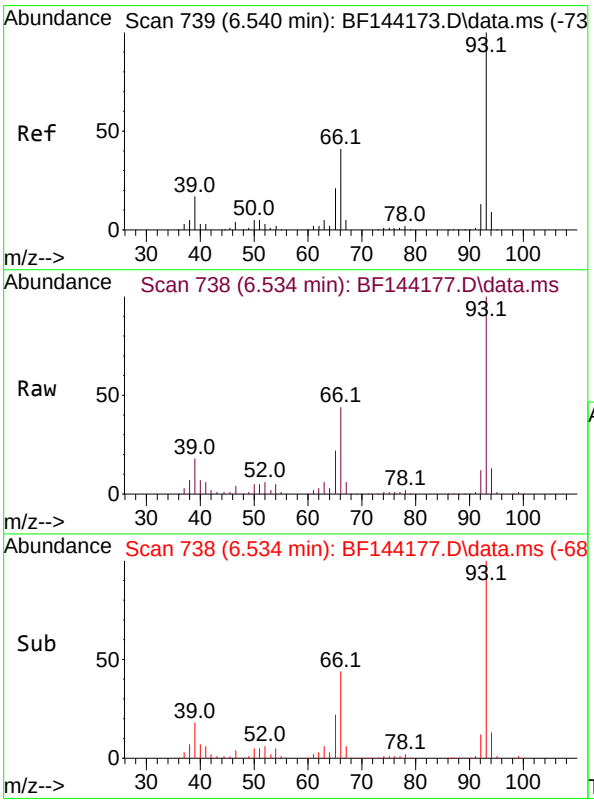
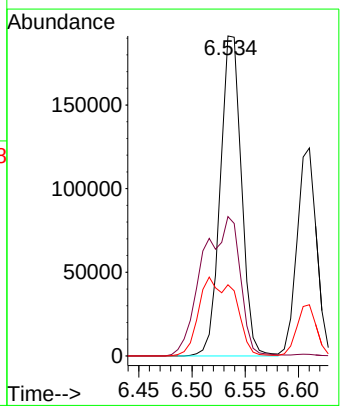


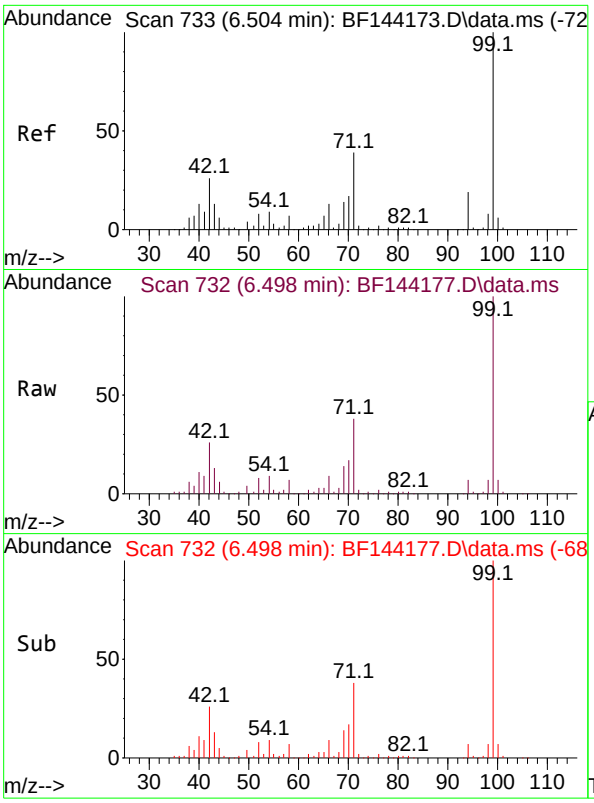




#6
Aniline
Concen: 37.159 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 264913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.5 | 34.3 | 51.5 |
| 65 | 22.2 | 16.9 | 25.3 |

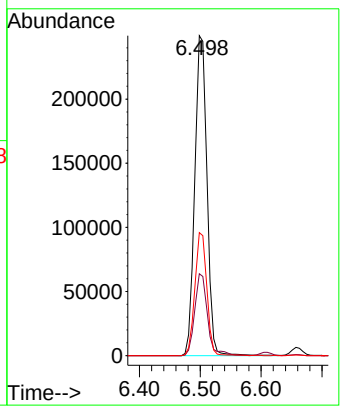





#7
Phenol-d6
Concen: 69.484 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 99 Resp: 34768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.6 | 20.9 | 31.3 |
| 71 | 38.4 | 31.4 | 47.2 |

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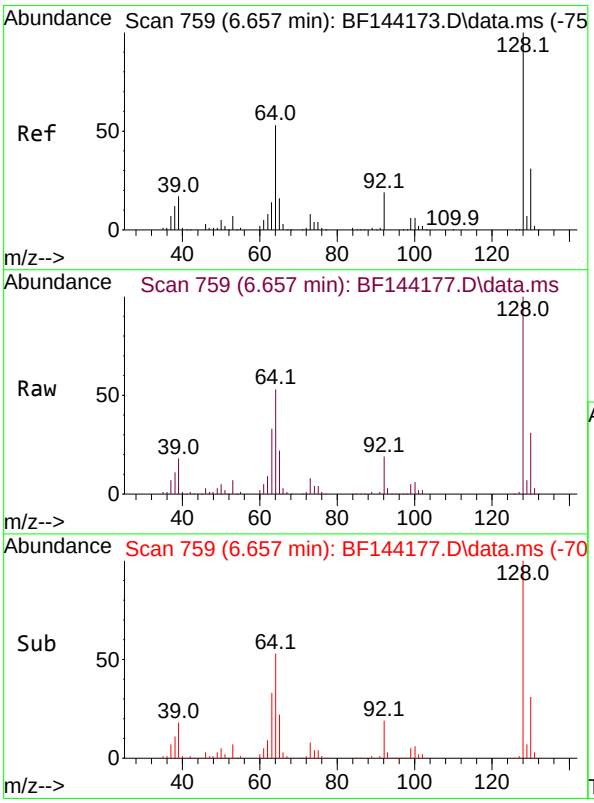
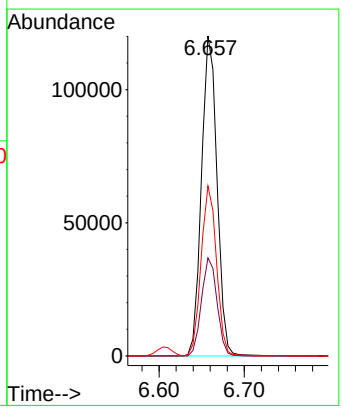
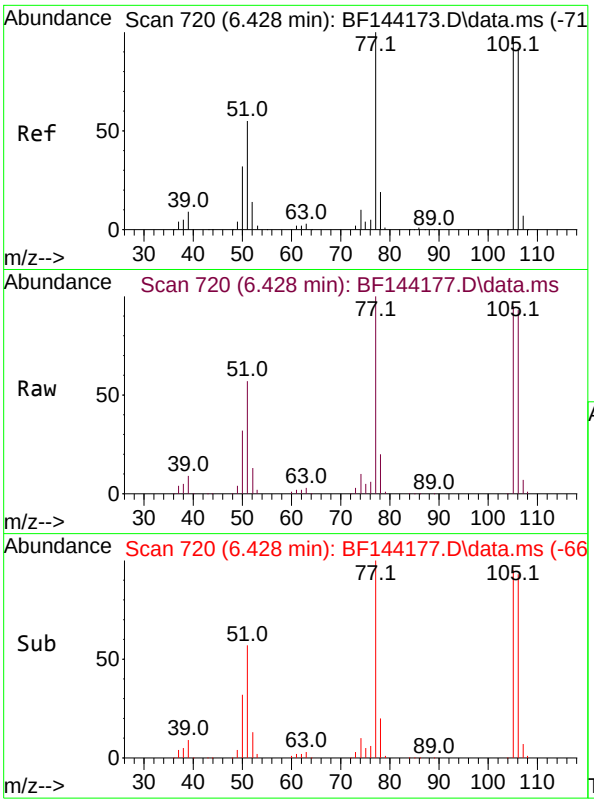



#8
2-Chlorophenol
Concen: 35.096 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:128 Resp: 151995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.6 | 10.5 | 50.5 |
| 64 | 53.1 | 33.2 | 73.2 |

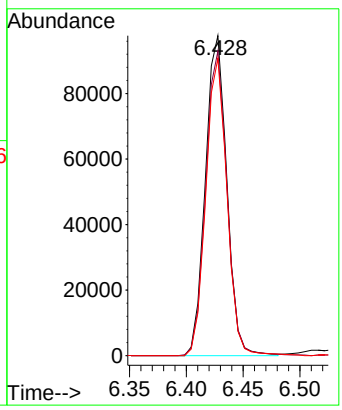





#9
Benzaldehyde
Concen: 45.337 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 77 Resp: 12810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.1 | 77.2 | 117.2 |
| 106 | 92.9 | 72.2 | 112.2 |

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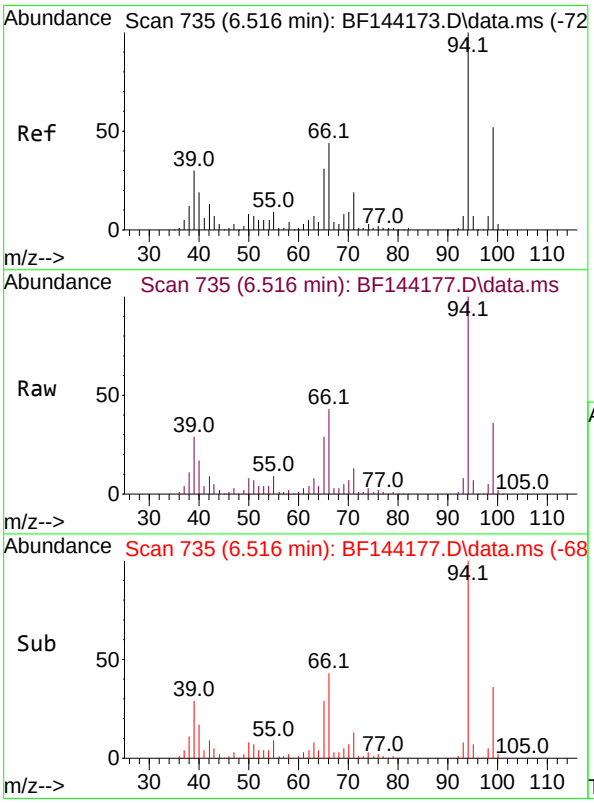
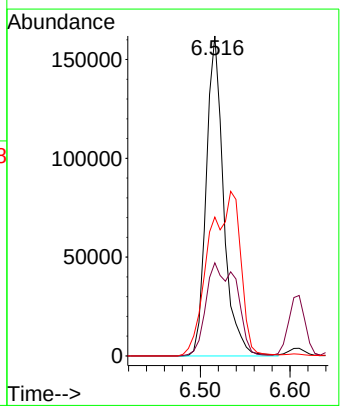
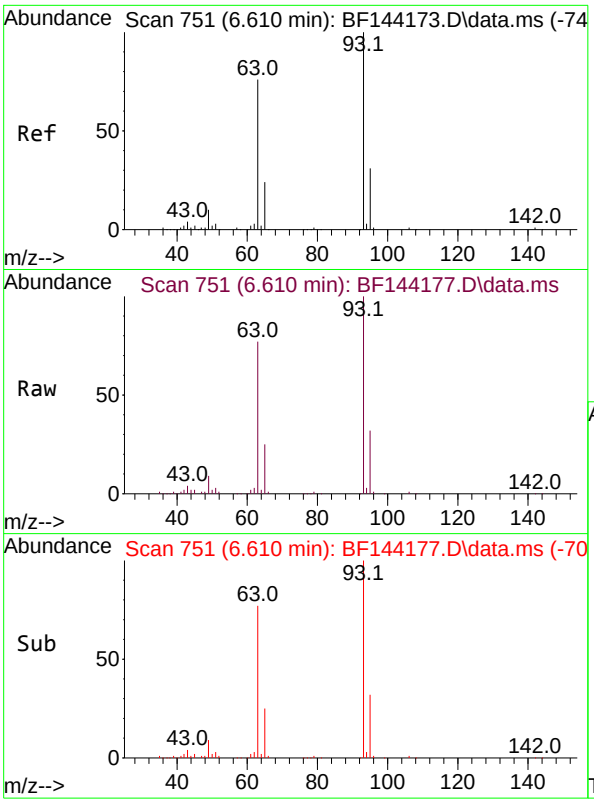



#10
Phenol
Concen: 35.563 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 94 Resp: 217418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.1 | 10.8 | 50.8 |
| 66 | 43.4 | 24.3 | 64.3 |

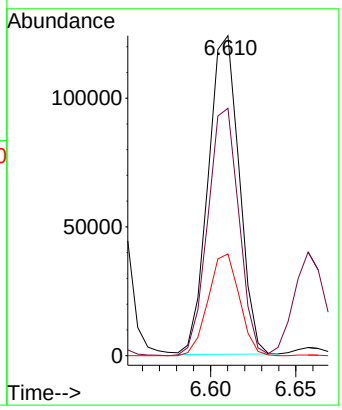





#11
bis(2-Chloroethyl)ether
Concen: 35.167 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 15666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.3 | 55.2 | 95.2 |
| 95 | 31.8 | 11.2 | 51.2 |

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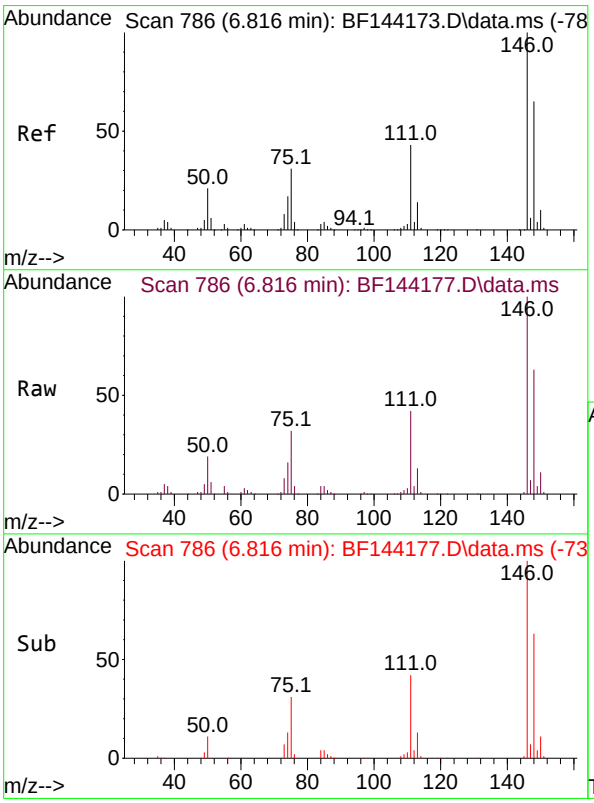
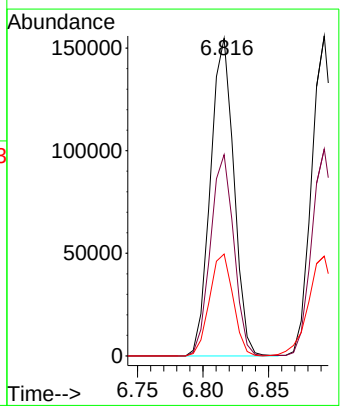
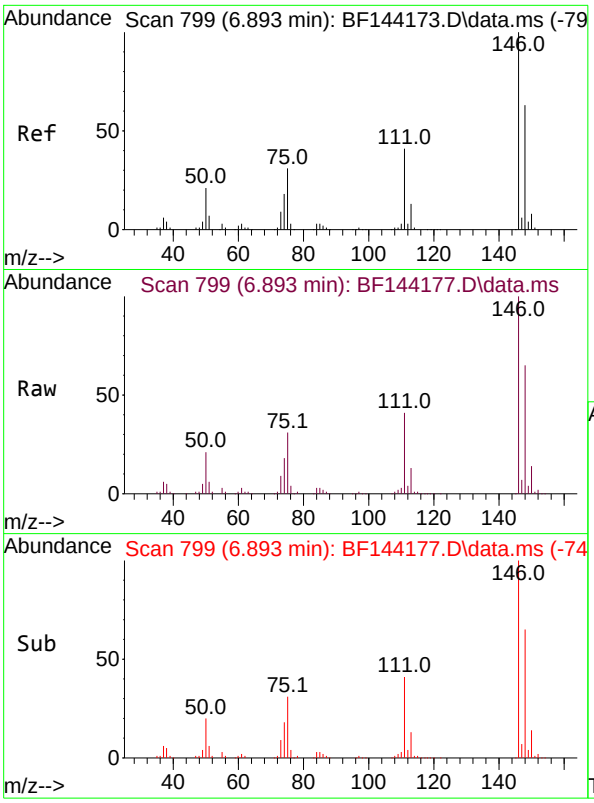



#12
1,3-Dichlorobenzene
Concen: 36.038 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 192589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.8 | 77.8 |
| 75 | 32.1 | 25.0 | 37.4 |

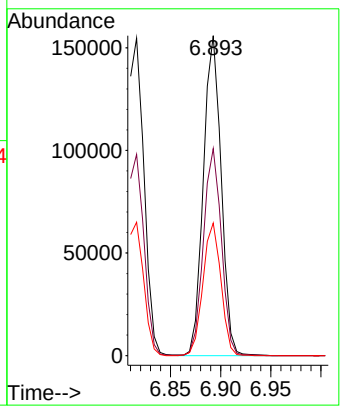





#13
1,4-Dichlorobenzene
Concen: 35.858 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 191978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 50.2 | 75.2 |
| 111 | 41.4 | 32.6 | 48.8 |




**Instrument :**
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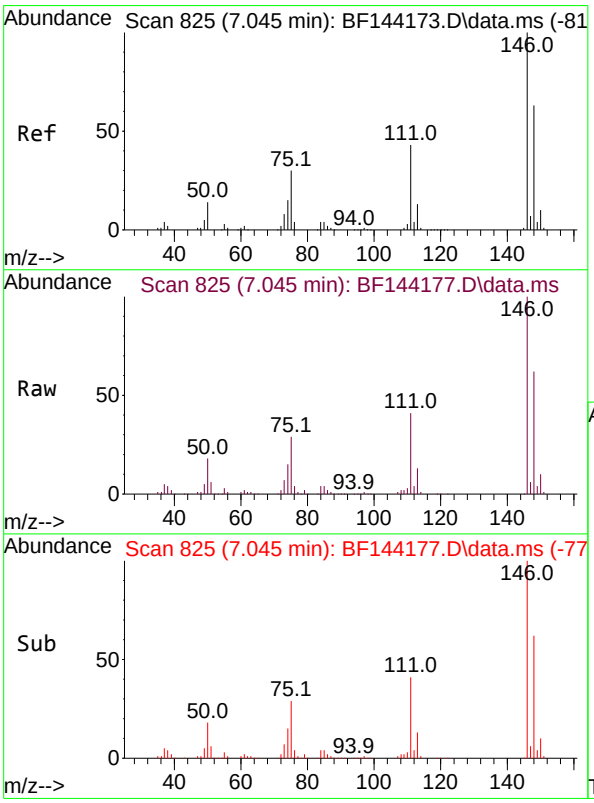
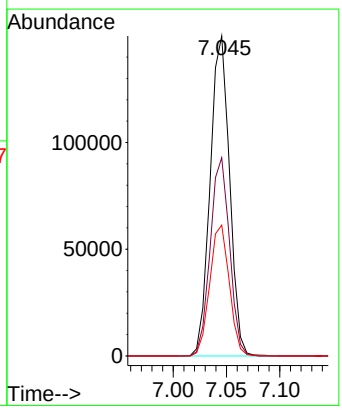
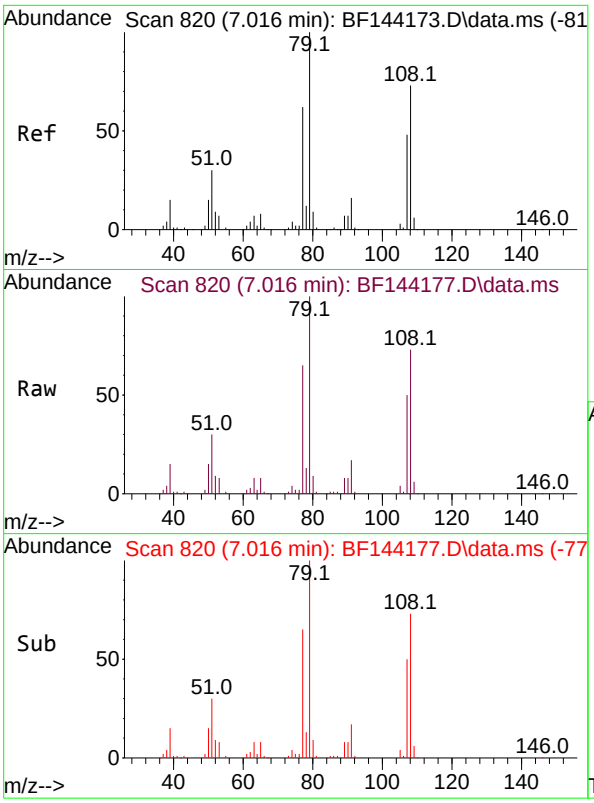



#14
1,2-Dichlorobenzene
Concen: 36.957 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 189651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.9 | 50.7 | 76.1 |
| 111 | 40.9 | 34.2 | 51.4 |






#15
Benzyl Alcohol
Concen: 35.593 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 79 Resp: 14102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.3 | 58.2 | 87.4 |
| 77 | 64.9 | 49.9 | 74.9 |

**Instrument :**
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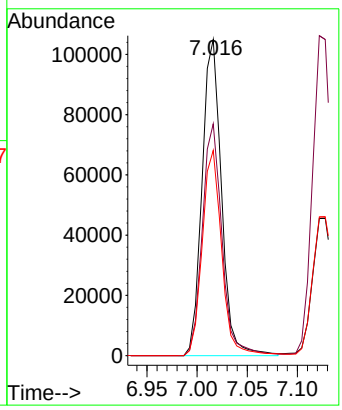
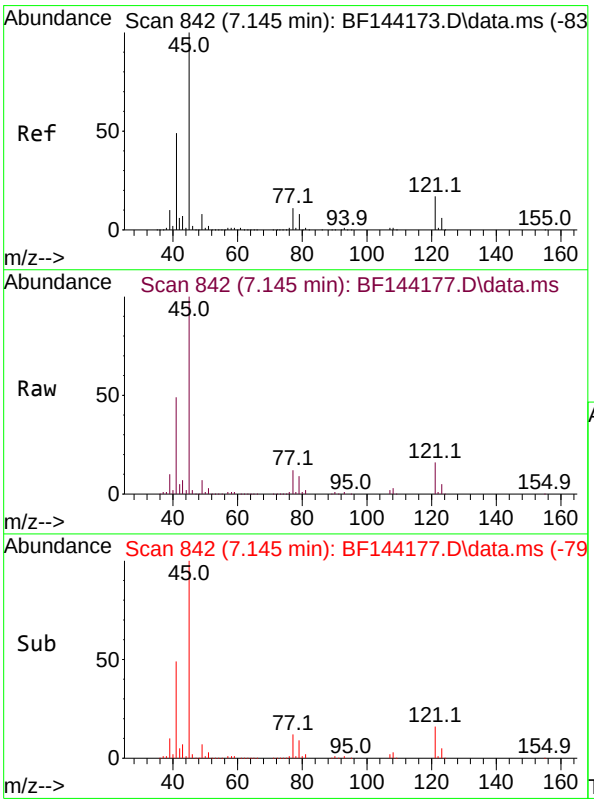
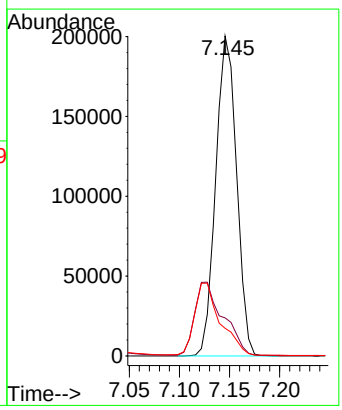


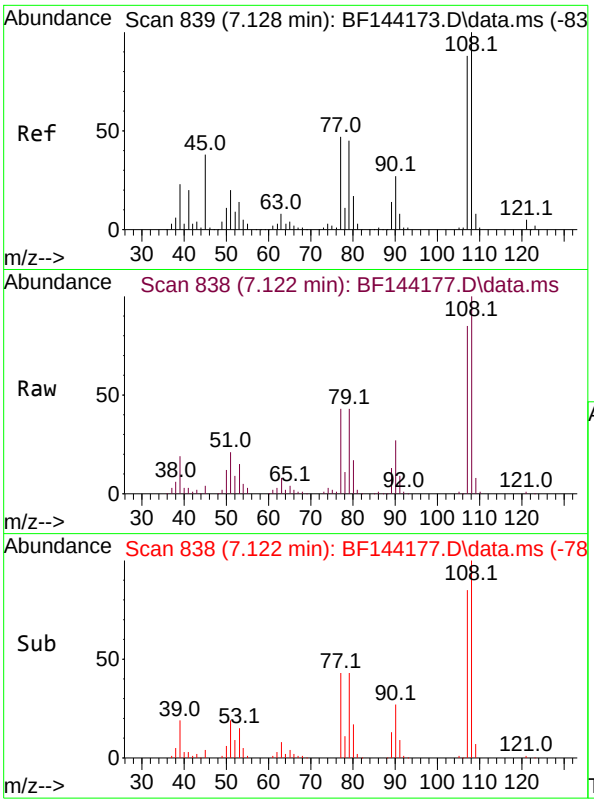




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.340 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 45 Resp: 289907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.9 | 0.0 | 31.8 |
| 79 | 8.6 | 0.0 | 29.1 |

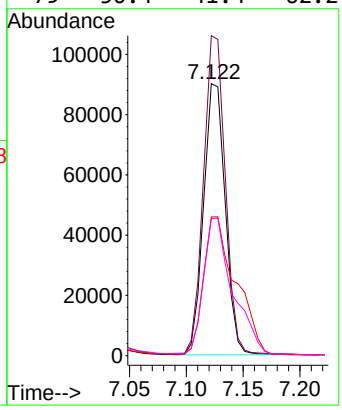





#17
2-Methylphenol
Concen: 34.723 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 11963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.7 | 91.0 | 136.4 |
| 77 | 51.0 | 42.7 | 64.1 |
| 79 | 50.4 | 41.4 | 62.2 |

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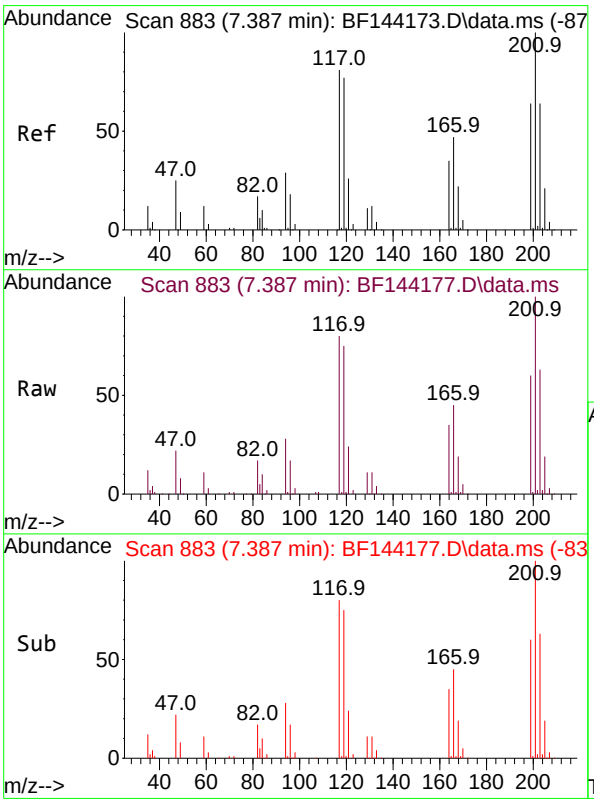
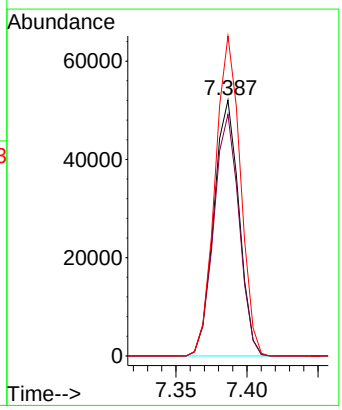
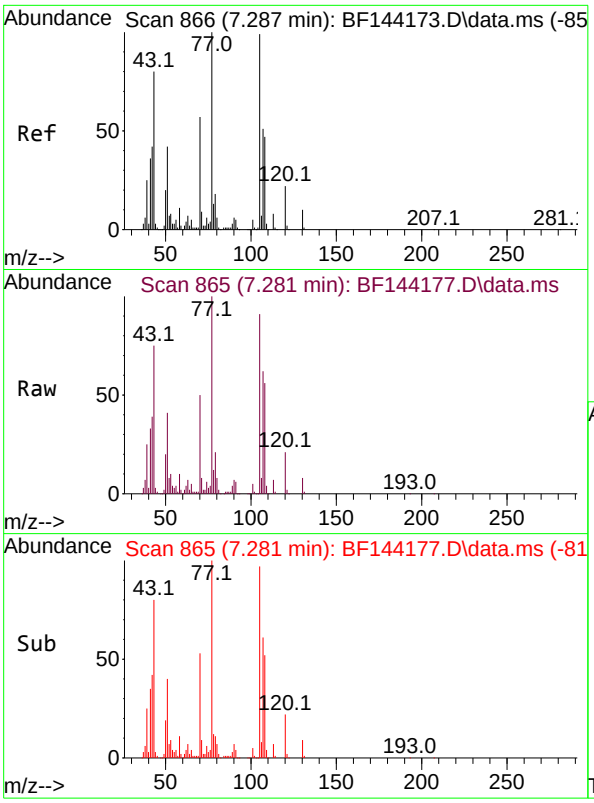



#18
Hexachloroethane
Concen: 36.050 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:117 Resp: 64124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.5 | 75.8 | 113.8 |
| 201 | 125.1 | 98.9 | 148.3 |

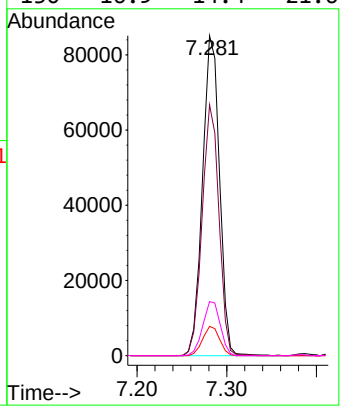





#19
n-Nitroso-di-n-propylamine
Concen: 34.051 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 70 Resp: 11216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 78.4 | 58.3 | 87.5 |
| 101 | 9.1 | 7.0 | 10.6 |
| 130 | 16.9 | 14.4 | 21.6 |

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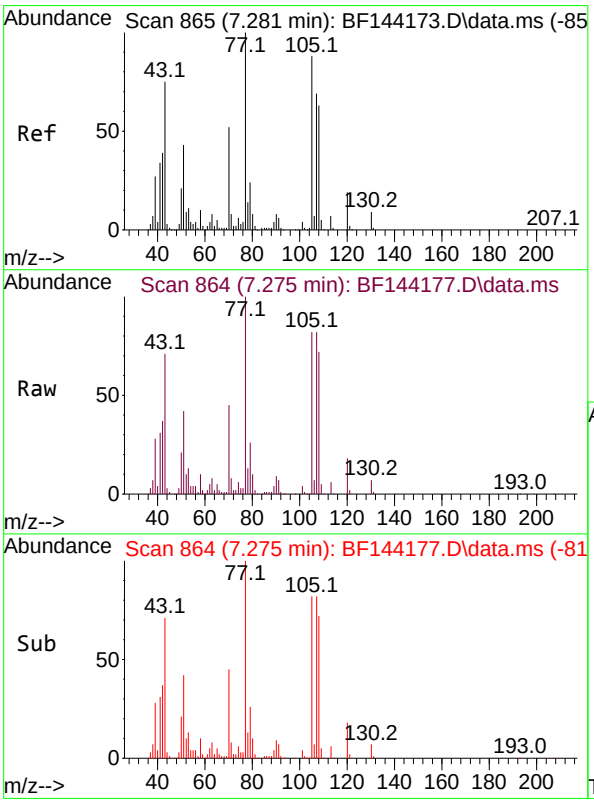
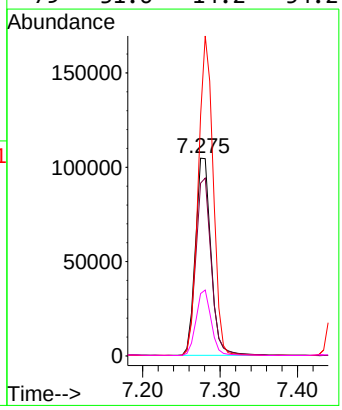
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

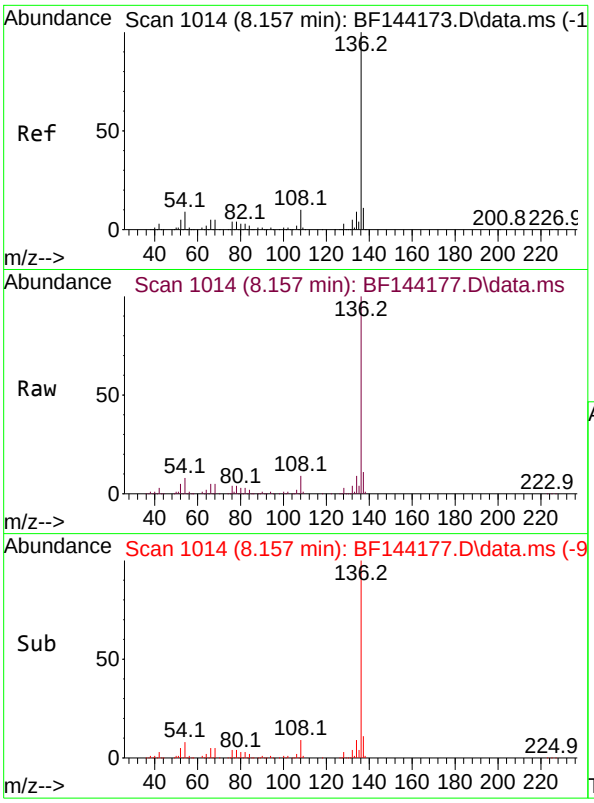



#20
3+4-Methylphenols
Concen: 35.839 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 145554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.4 | 70.2 | 110.2 |
| 77 | 121.6 | 123.9 | 163.9# |
| 79 | 31.6 | 14.2 | 54.2 |

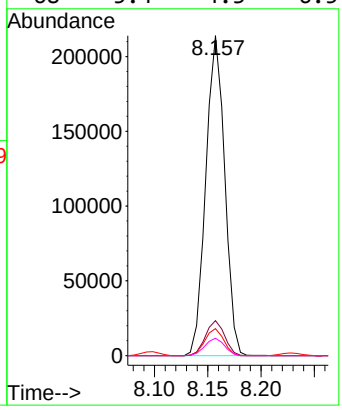





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:136 Resp: 26413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 8.4 | 7.0 | 10.6 |
| 68 | 5.4 | 4.3 | 6.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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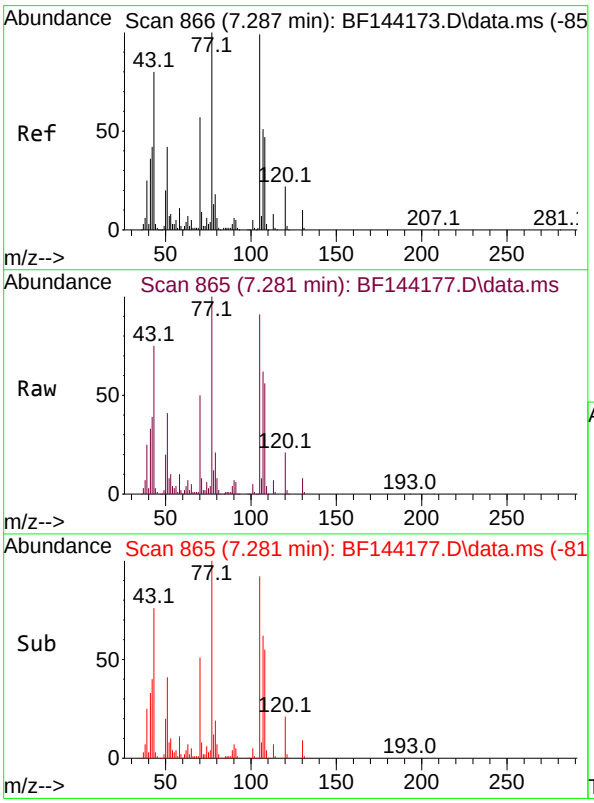
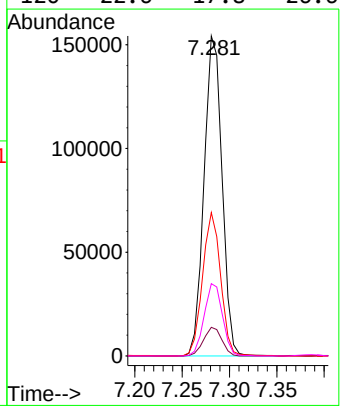
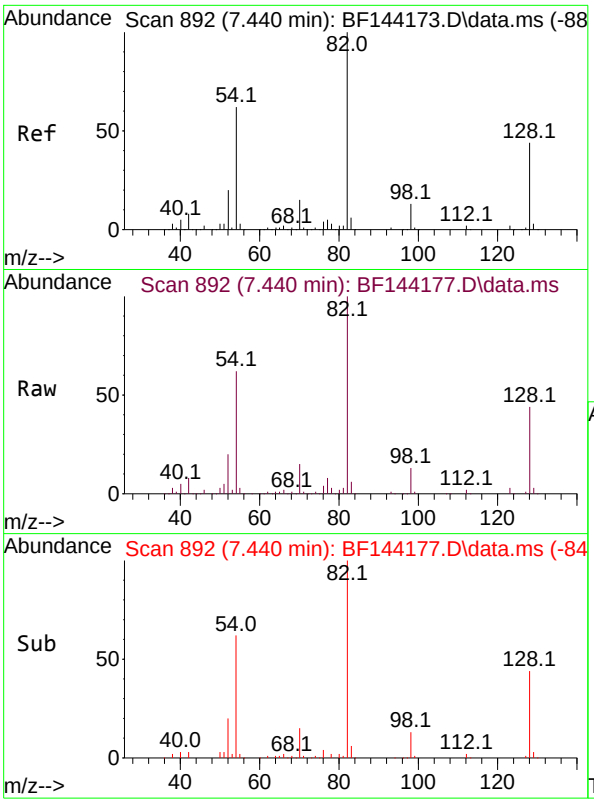



#22
Acetophenone
Concen: 36.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:105 Resp: 204331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.9 | 7.2 | 10.8 |
| 51 | 44.8 | 34.0 | 51.0 |
| 120 | 22.6 | 17.8 | 26.6 |

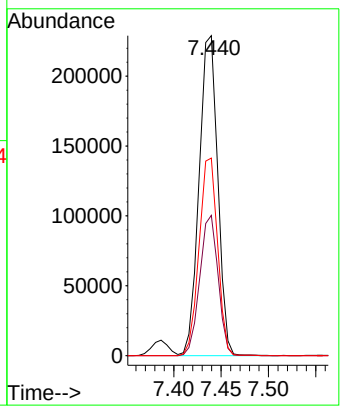





#23
Nitrobenzene-d5
Concen: 68.601 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 82 Resp: 31373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.8 | 34.7 | 52.1 |
| 54 | 61.7 | 49.5 | 74.3 |

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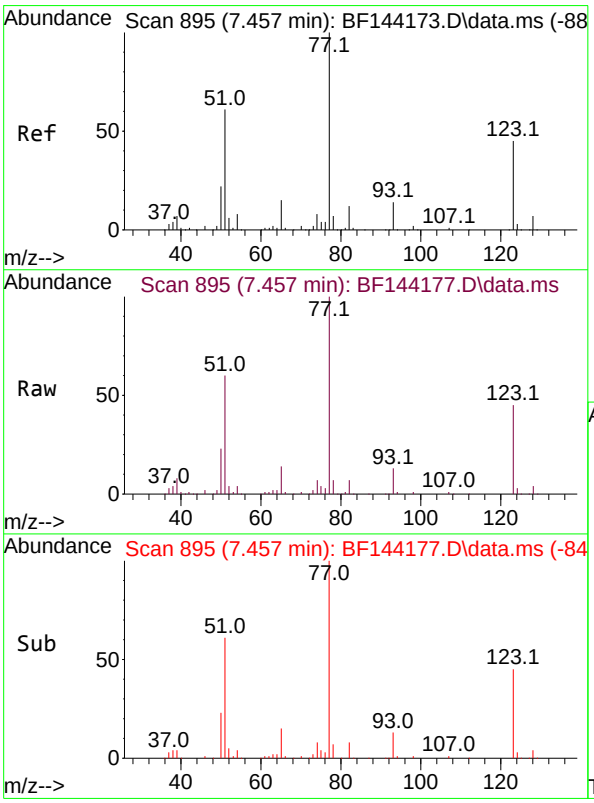
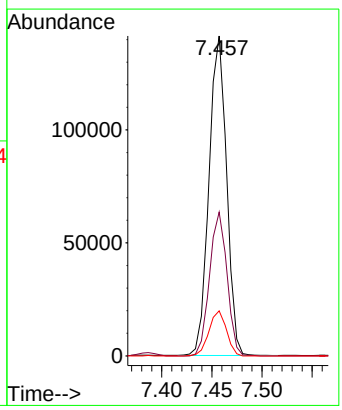
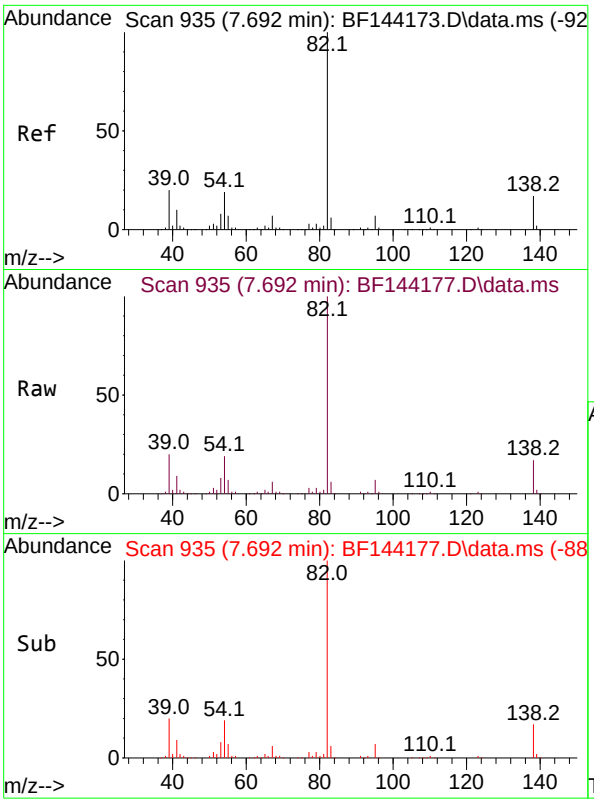



#24
Nitrobenzene
Concen: 34.763 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 77 Resp: 172618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.9 | 35.8 | 53.8 |
| 65 | 14.1 | 12.2 | 18.2 |

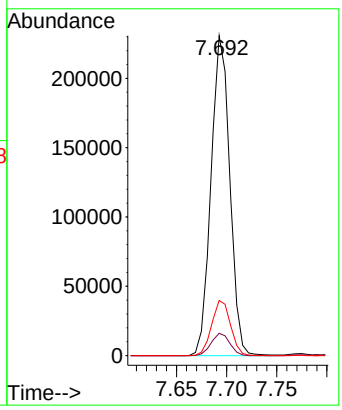





#25
Isophorone
Concen: 34.755 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 82 Resp: 30064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 17.2 | 13.7 | 20.5 |

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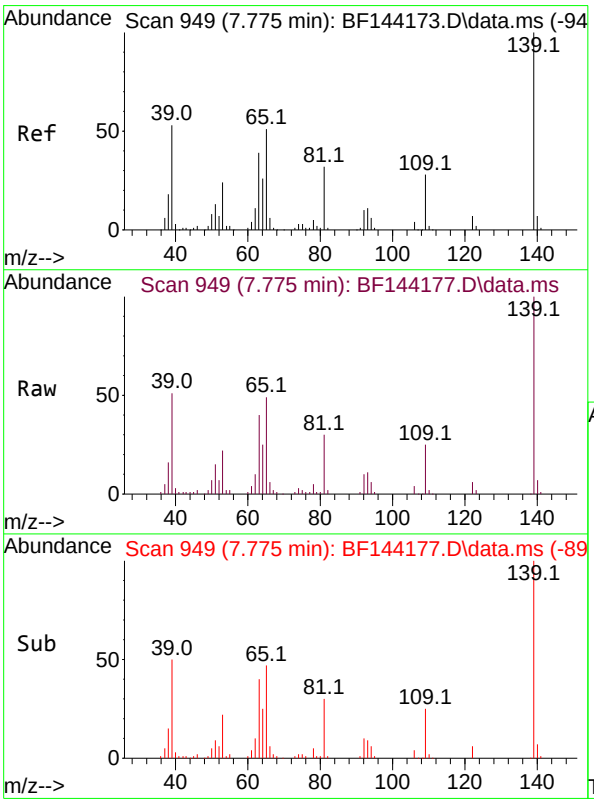
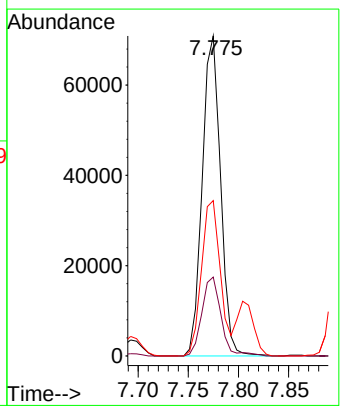
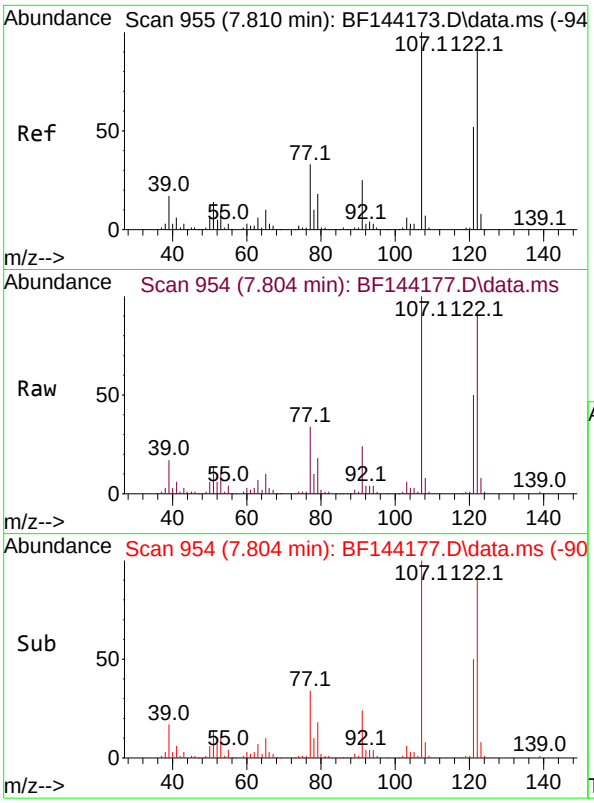



#26
2-Nitrophenol
Concen: 36.521 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:139 Resp: 89771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.6 | 22.2 | 33.2 |
| 65 | 48.5 | 40.7 | 61.1 |

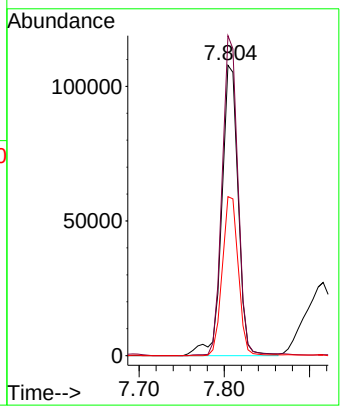





#27
2,4-Dimethylphenol
Concen: 39.334 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:122 Resp: 14491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.2 | 86.2 | 129.4 |
| 121 | 54.8 | 44.6 | 66.8 |

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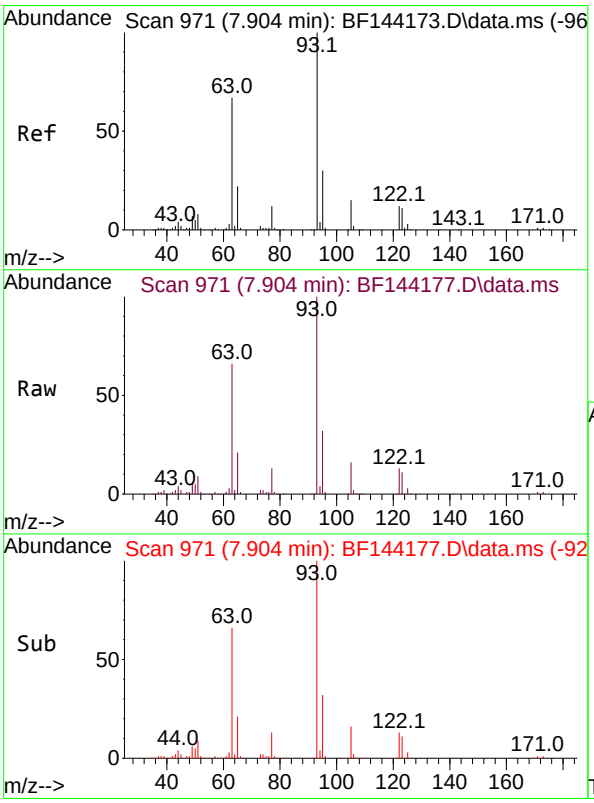
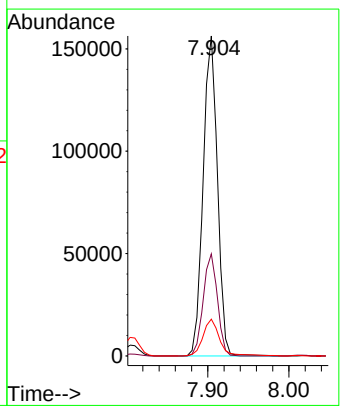
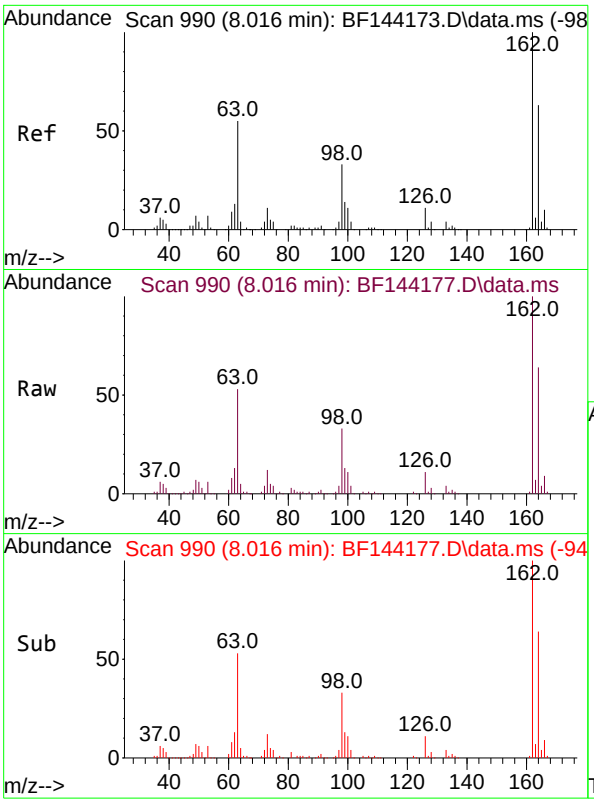



#28
bis(2-Chloroethoxy)methane
Concen: 35.422 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 191347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.9 | 24.2 | 36.4 |
| 123 | 11.5 | 9.0 | 13.4 |

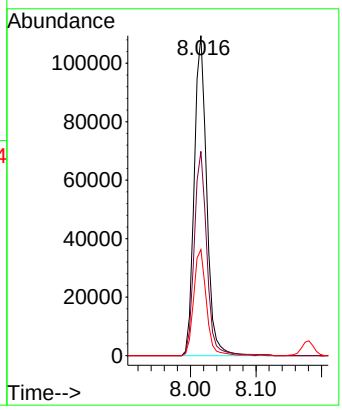





#29
2,4-Dichlorophenol
Concen: 34.086 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:162 Resp: 144739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 42.9 | 82.9 |
| 98 | 33.1 | 13.3 | 53.3 |




**Instrument :**
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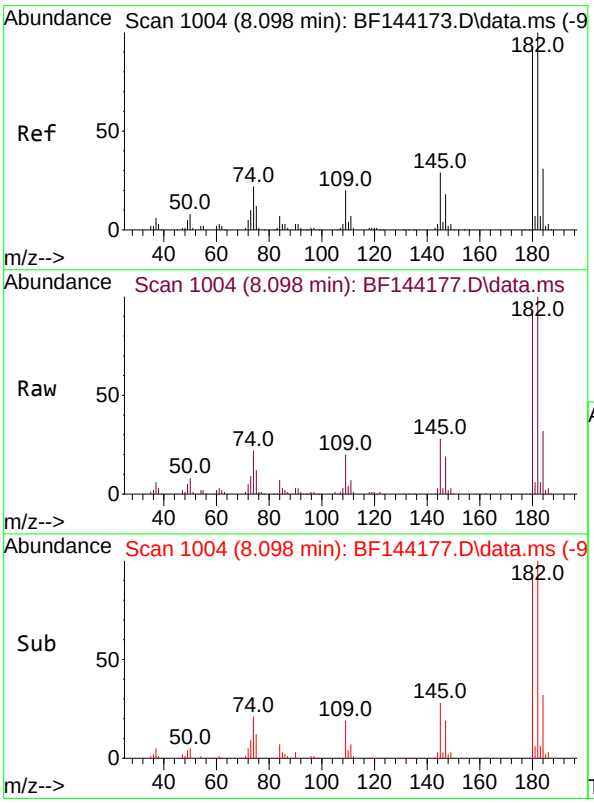
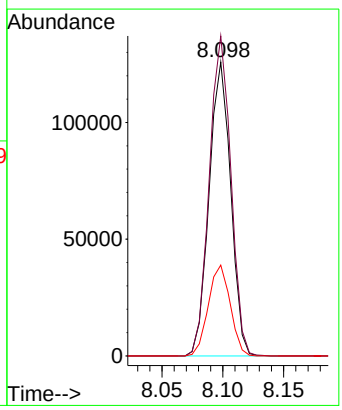
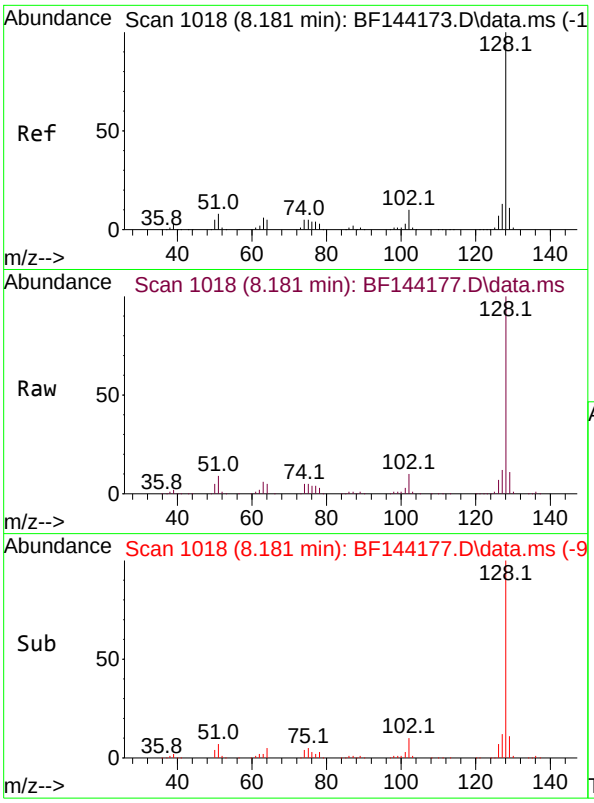



#30
1,2,4-Trichlorobenzene
Concen: 35.677 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:180 Resp: 155562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 108.9 | 87.7 | 131.5 |
| 145 | 30.9 | 25.4 | 38.0 |

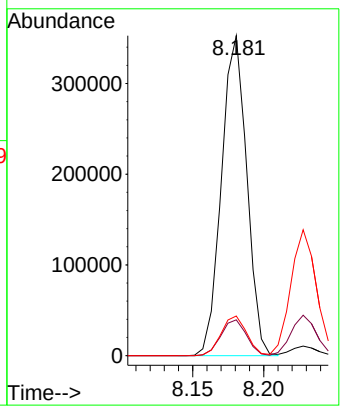





#31
Naphthalene
Concen: 34.861 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:128 Resp: 43801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.9 | 13.3 |
| 127 | 12.4 | 10.3 | 15.5 |




**Instrument :**
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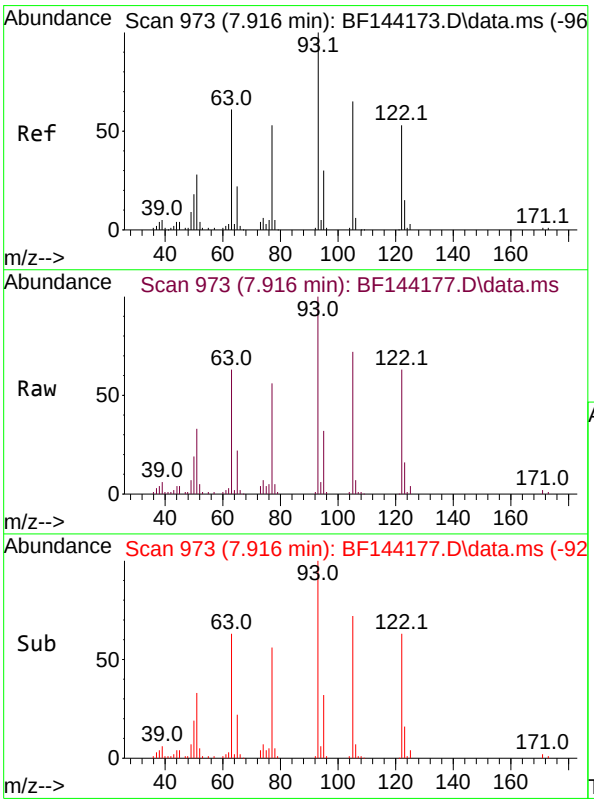
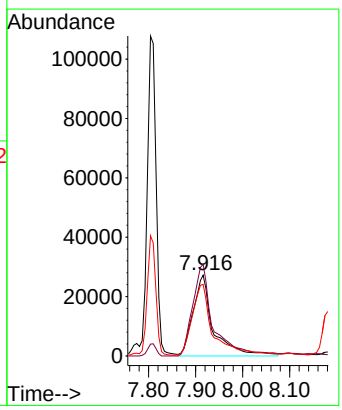
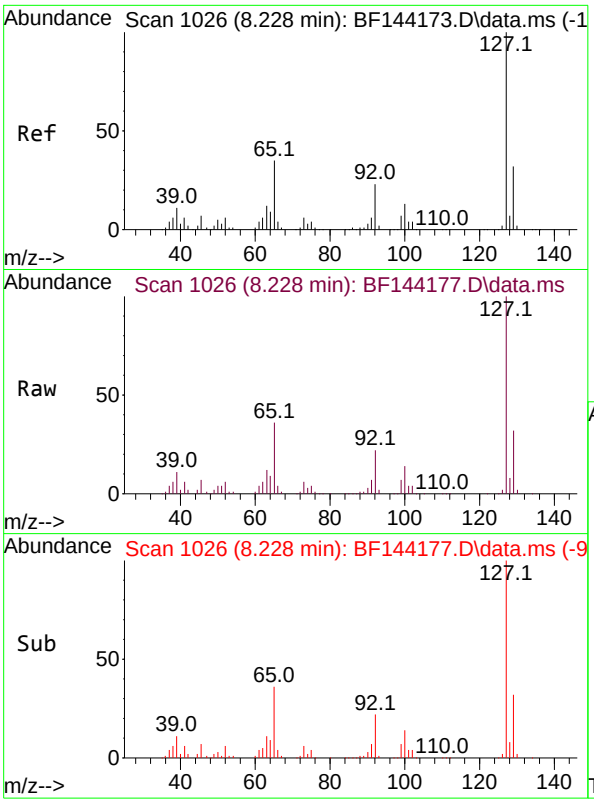



#32
Benzoic acid
Concen: 30.148 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:122 Resp: 81416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 113.5 | 99.9 | 139.9 |
| 77 | 88.6 | 77.5 | 117.5 |

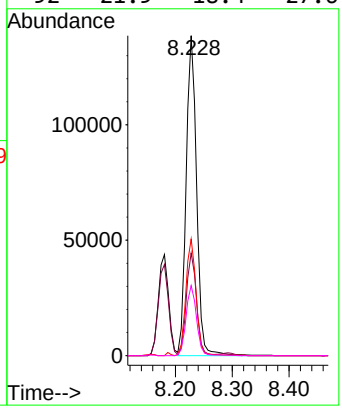





#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:127 Resp: 17727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 25.3 | 37.9 |
| 65 | 36.4 | 27.6 | 41.4 |
| 92 | 21.9 | 18.4 | 27.6 |

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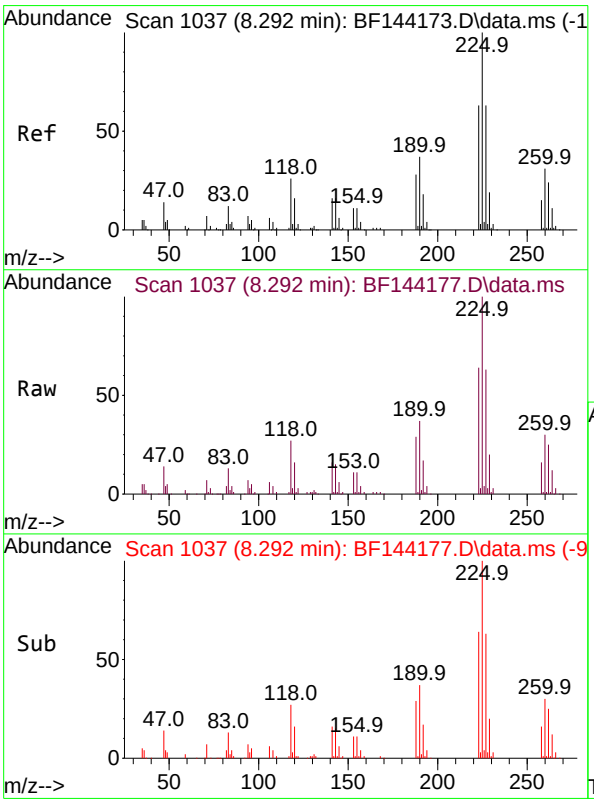
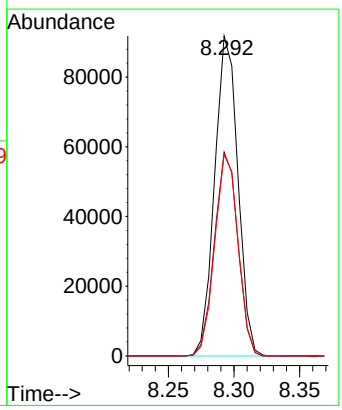
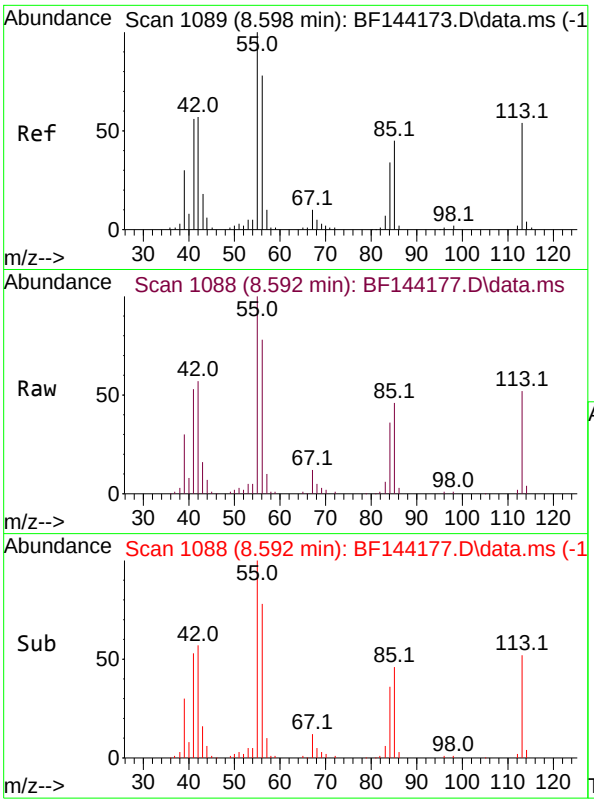



#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:225 Resp: 113543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.7 | 50.2 | 75.4 |
| 227 | 62.9 | 50.1 | 75.1 |

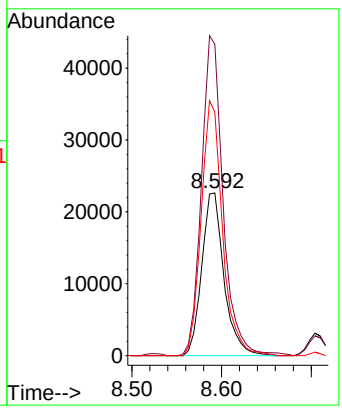





#35
Caprolactam
Concen: 33.478 ng
RT: 8.592 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:113 Resp: 3894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 191.5 | 166.8 | 206.8 |
| 56 | 149.7 | 125.9 | 165.9 |

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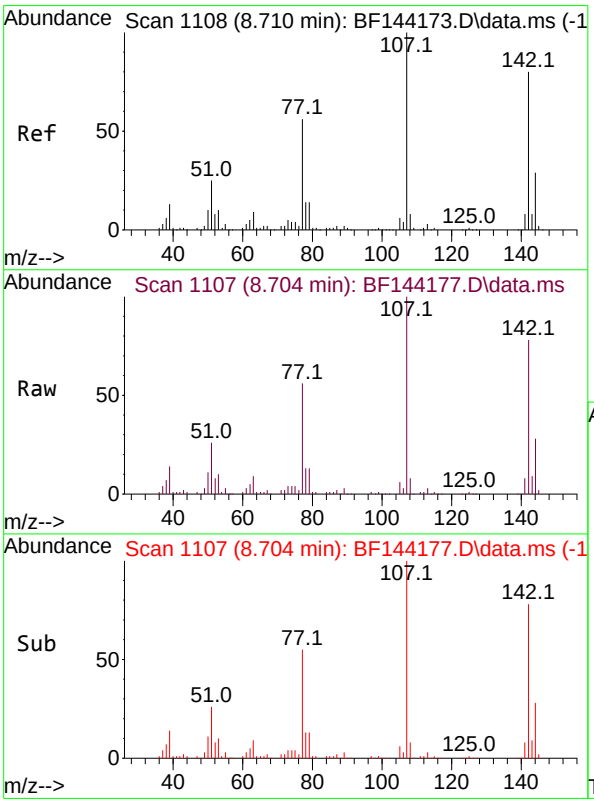
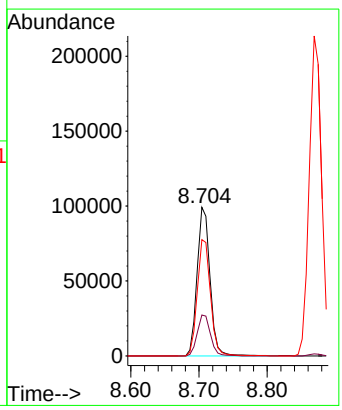
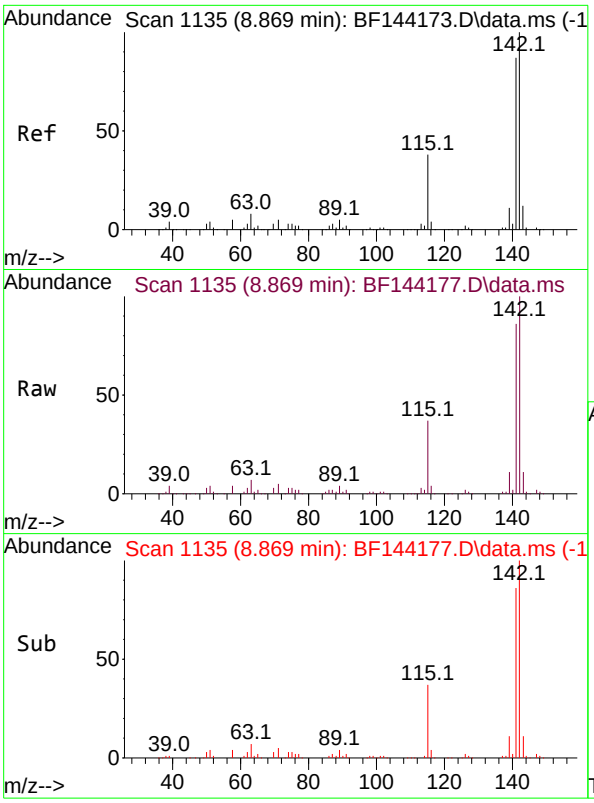



#36
4-Chloro-3-methylphenol
Concen: 34.336 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 130667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.5 | 23.3 | 34.9 |
| 142 | 78.3 | 63.8 | 95.6 |






#37
2-Methylnaphthalene
Concen: 31.978 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:142 Resp: 26863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.3 | 69.9 | 104.9 |

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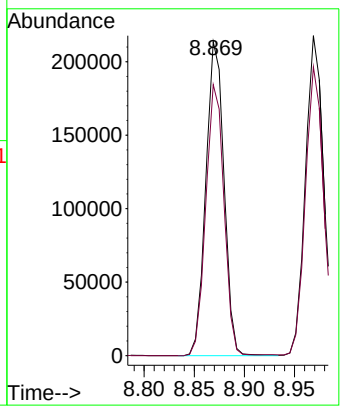
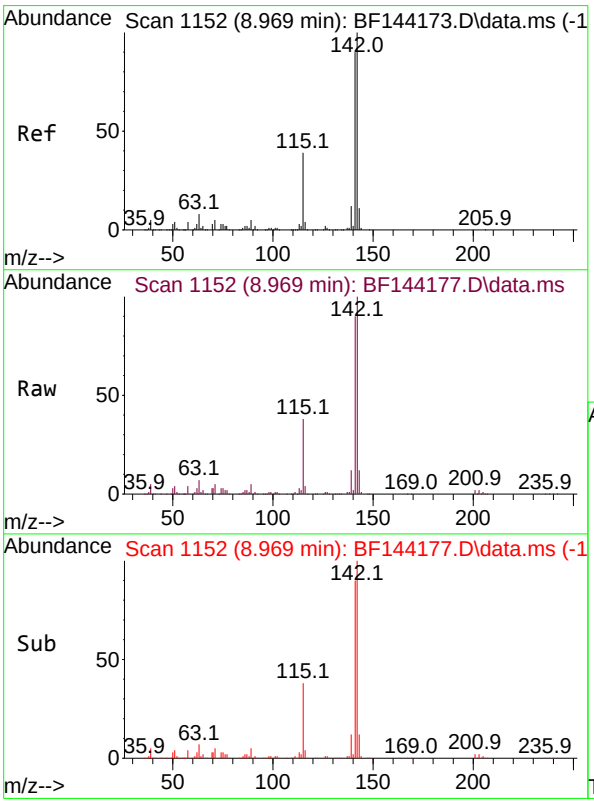
Supervised By :Jagrut Upadhyay 11/06/2025

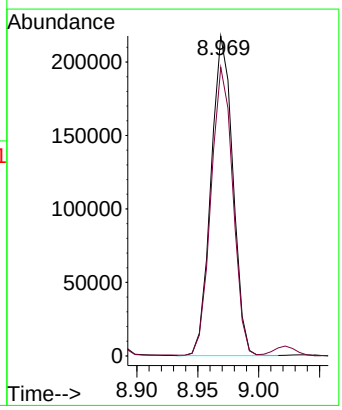


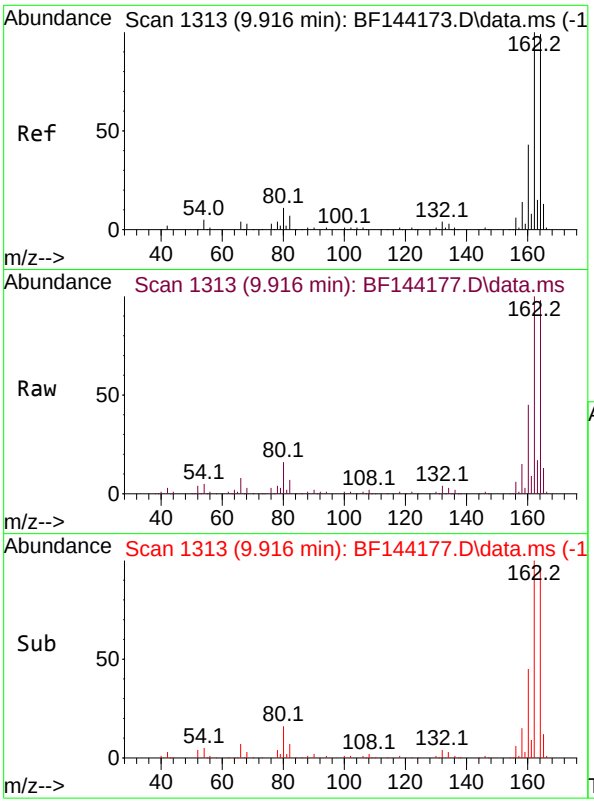




#38
1-Methylnaphthalene
Concen: 33.472 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:142 Resp: 271310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.2 | 72.1 | 108.1 |

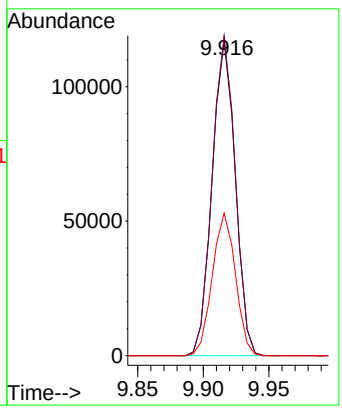





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:164 Resp: 14380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 81.1 | 121.7 |
| 160 | 45.3 | 34.5 | 51.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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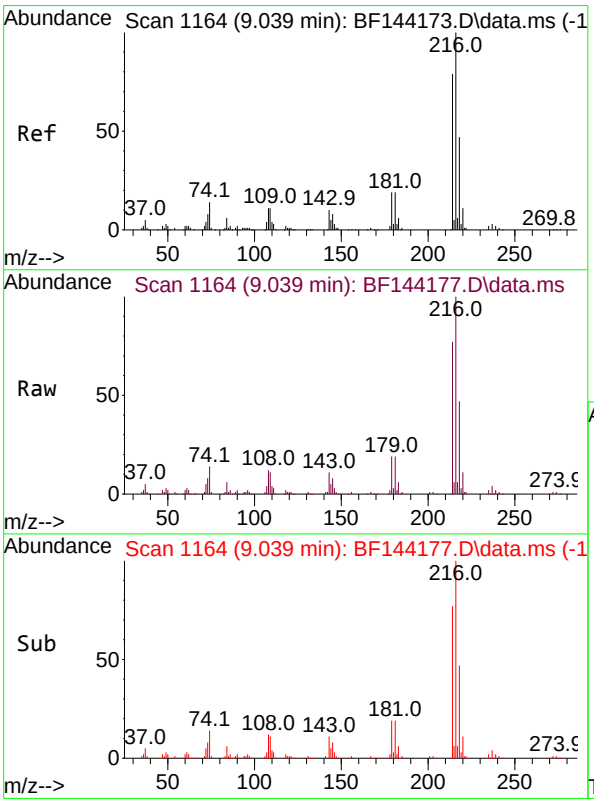
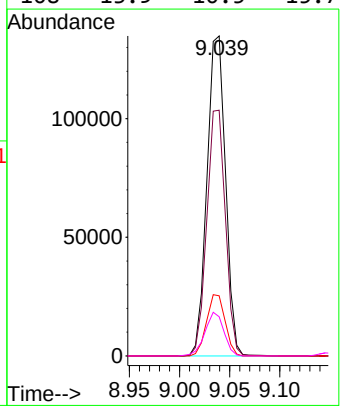
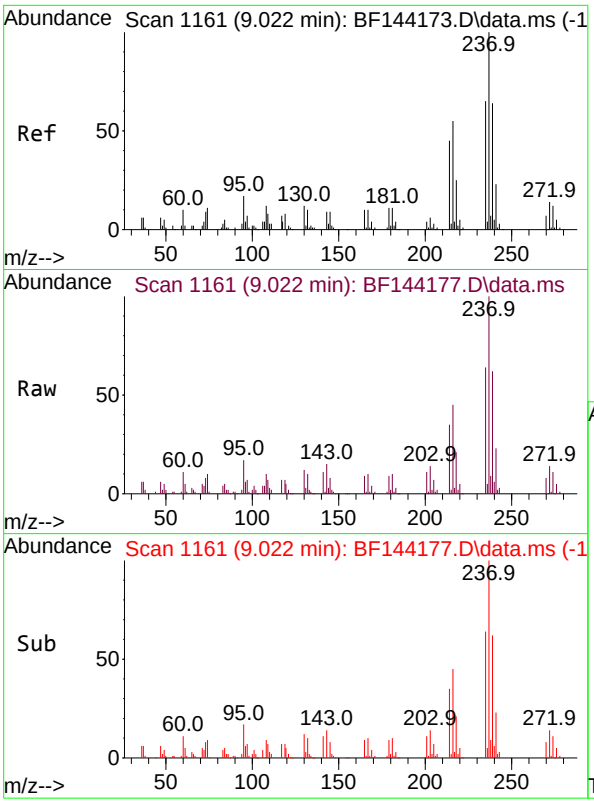



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.811 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:216 Resp: 173491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.8 | 63.4 | 95.2 |
| 179 | 19.1 | 15.0 | 22.4 |
| 108 | 13.9 | 10.5 | 15.7 |






#41
Hexachlorocyclopentadiene
Concen: 46.350 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:237 Resp: 6998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.7 | 45.5 | 85.5 |
| 272 | 14.0 | 0.0 | 33.5 |

**Instrument :**
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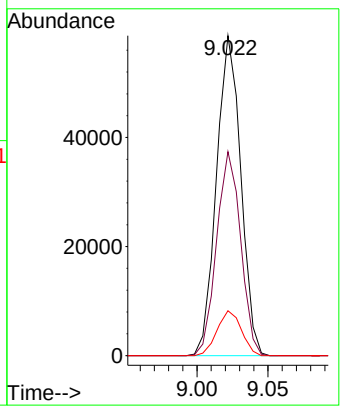
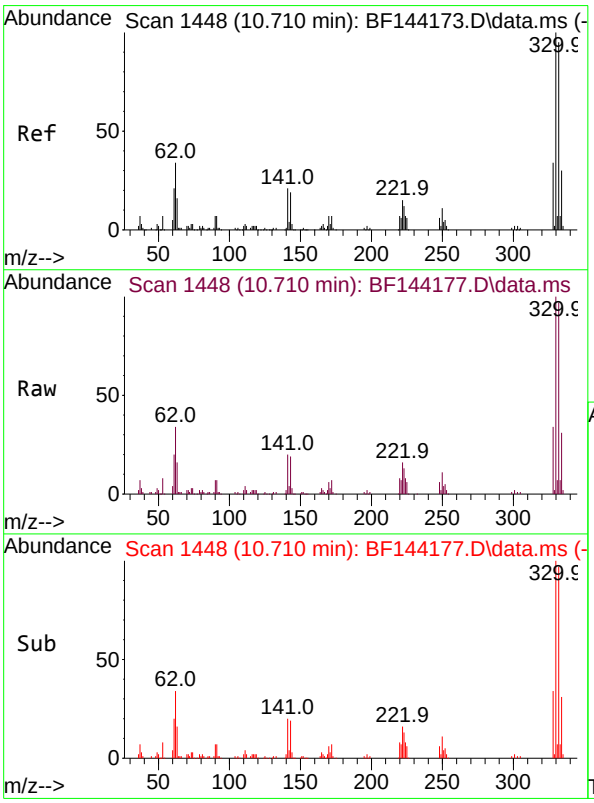
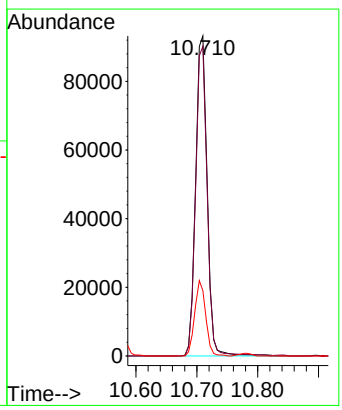


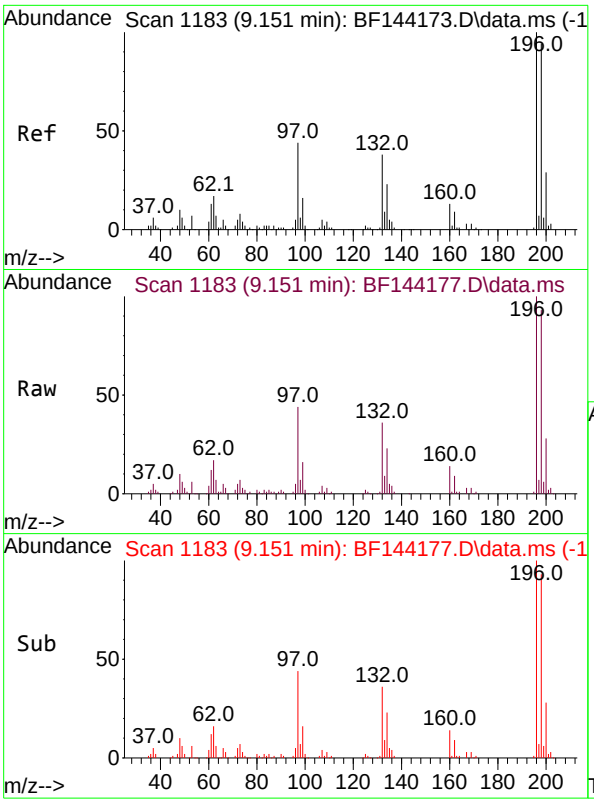




#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:330 Resp: 122691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.7 | 115.1 |
| 141 | 22.4 | 17.8 | 26.8 |

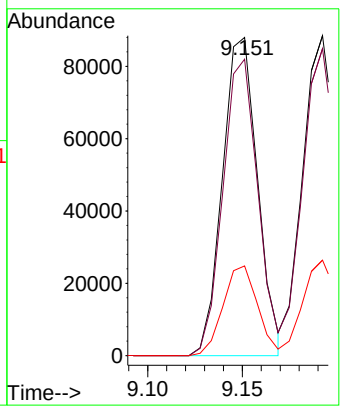





#43
2,4,6-Trichlorophenol
Concen: 35.357 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:196 Resp: 113418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.2 | 75.3 | 112.9 |
| 200 | 28.2 | 23.4 | 35.2 |




**Instrument :**
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ICVBF110525

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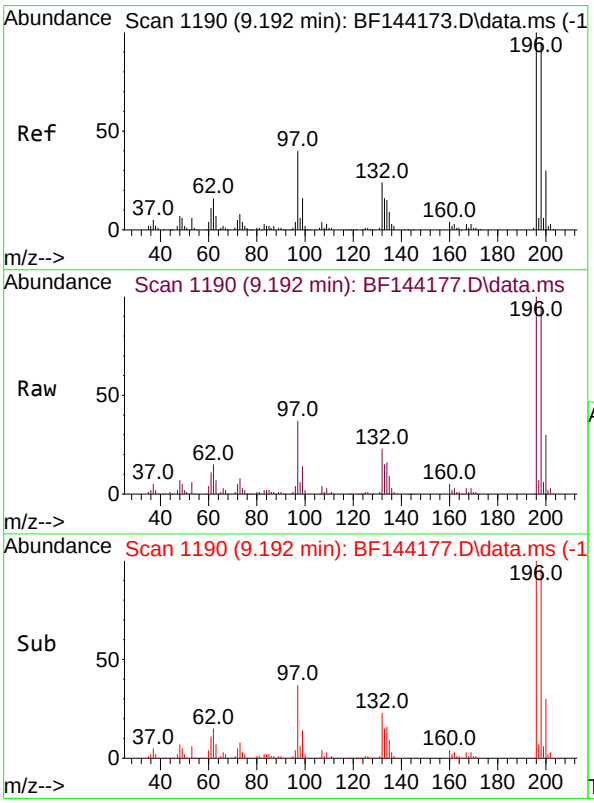
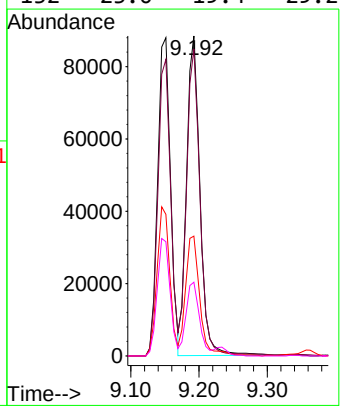
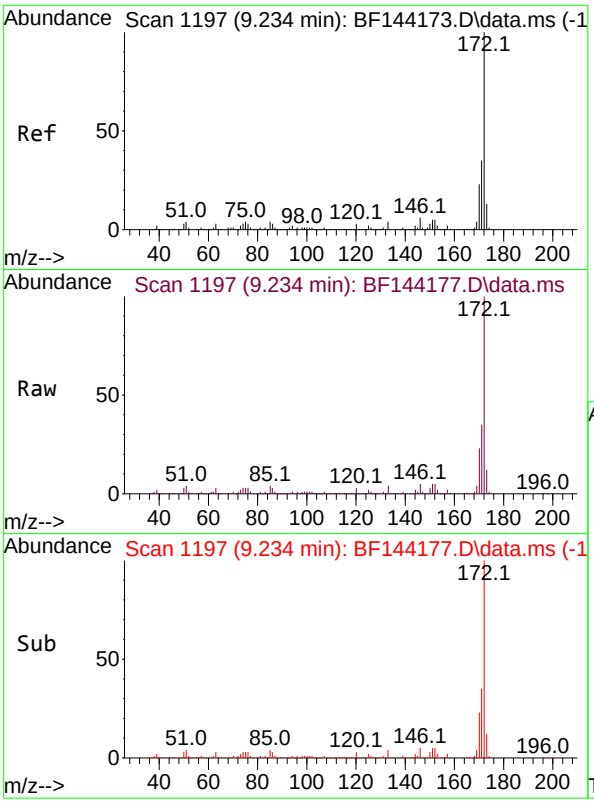



#44
2,4,5-Trichlorophenol
Concen: 35.179 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:196 Resp: 121621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.1 | 114.1 |
| 97 | 37.4 | 31.9 | 47.9 |
| 132 | 23.0 | 19.4 | 29.2 |

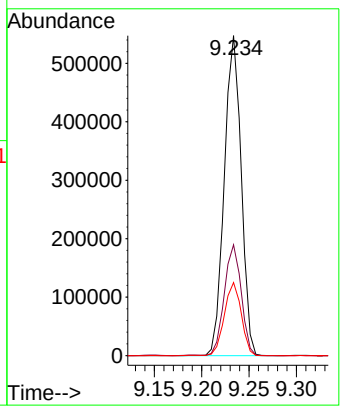





#45
2-Fluorobiphenyl
Concen: 69.741 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:172 Resp: 67905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.1 | 42.1 |
| 170 | 22.8 | 18.6 | 28.0 |




**Instrument :**
BNA_F
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ICVBF110525

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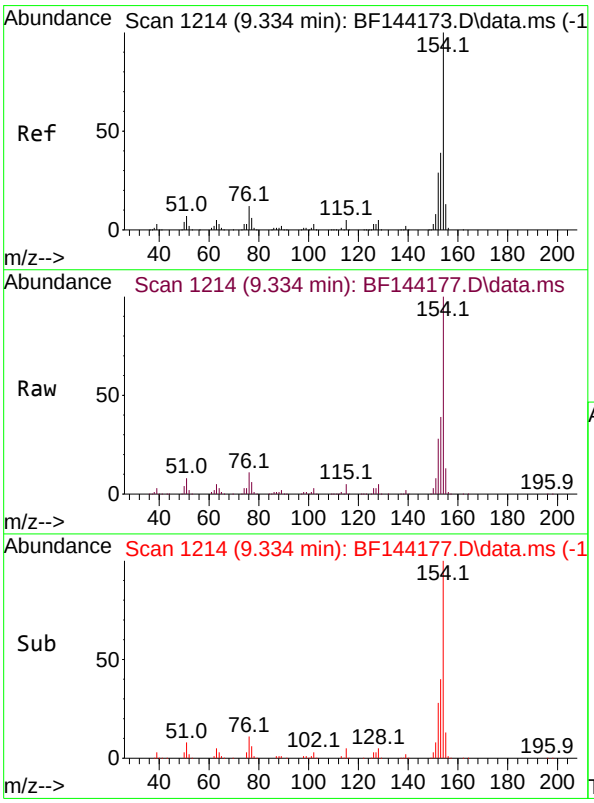
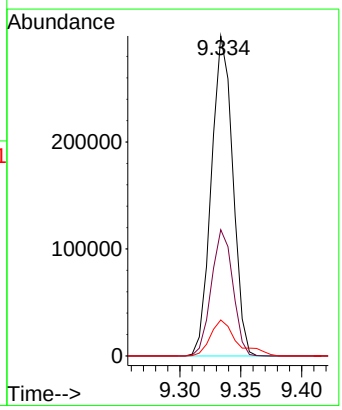
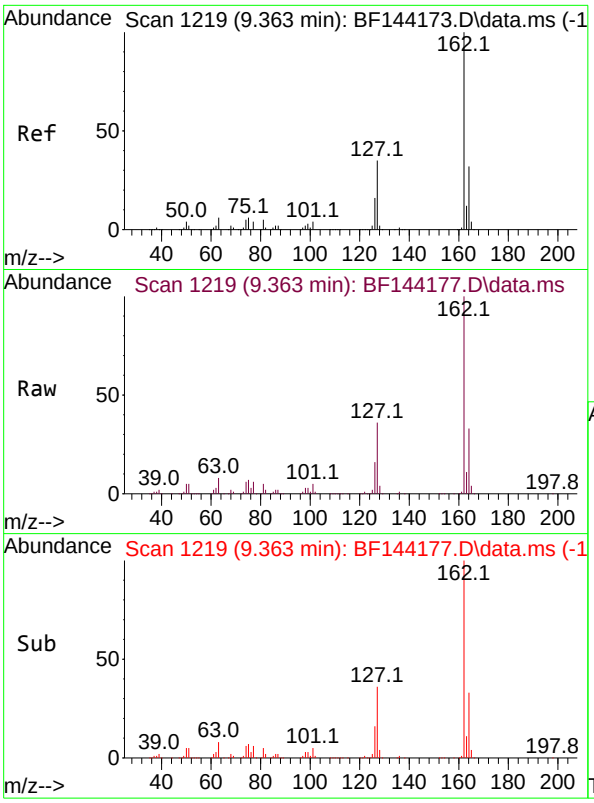



#46
1,1'-Biphenyl
Concen: 36.526 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 366655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.5 | 19.2 | 59.2 |
| 76 | 11.2 | 0.0 | 31.8 |

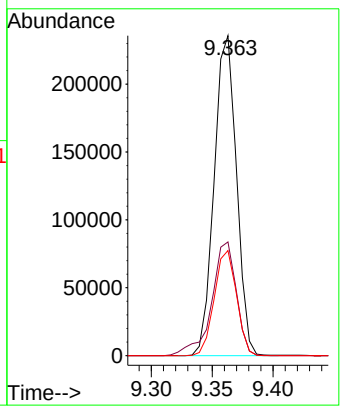





#47
2-Chloronaphthalene
Concen: 35.092 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:162 Resp: 30048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 35.5 | 28.8 | 43.2 |
| 164 | 32.8 | 25.8 | 38.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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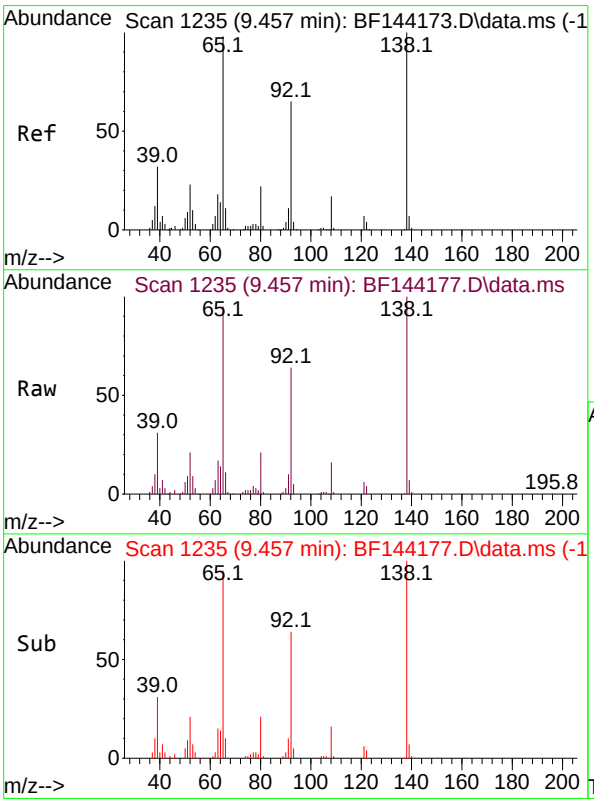
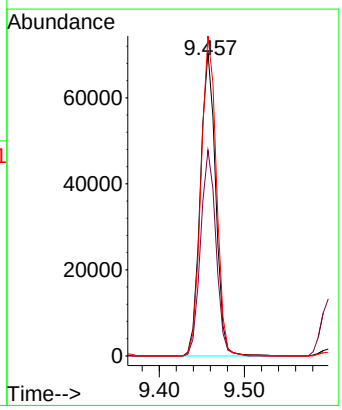
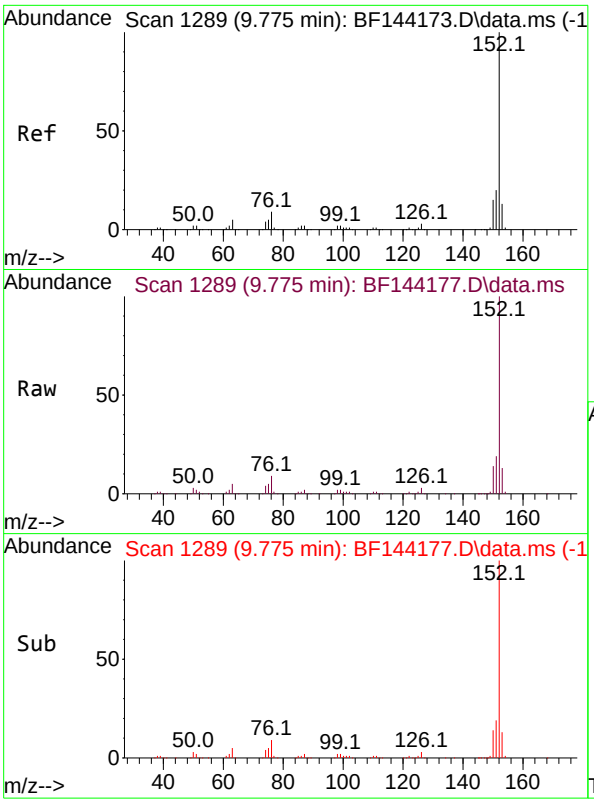



#48
2-Nitroaniline
Concen: 35.641 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 65 Resp: 88055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.8 | 53.0 | 79.6 |
| 138 | 105.5 | 81.6 | 122.4 |

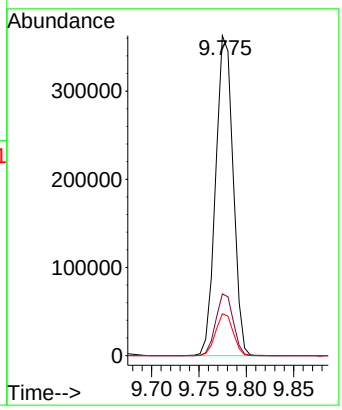





#49
Acenaphthylene
Concen: 39.818 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:152 Resp: 46461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 15.9 | 23.9 |
| 153 | 13.1 | 10.5 | 15.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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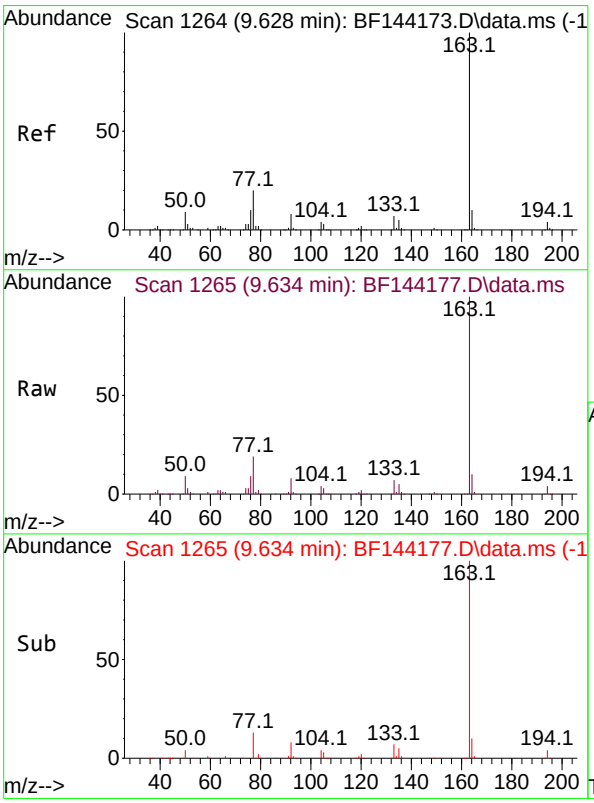
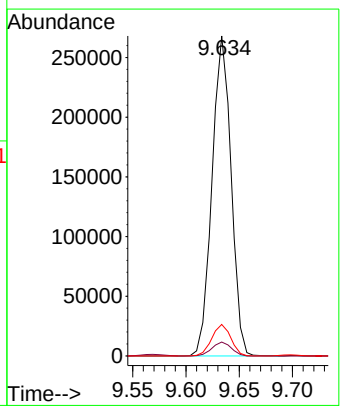
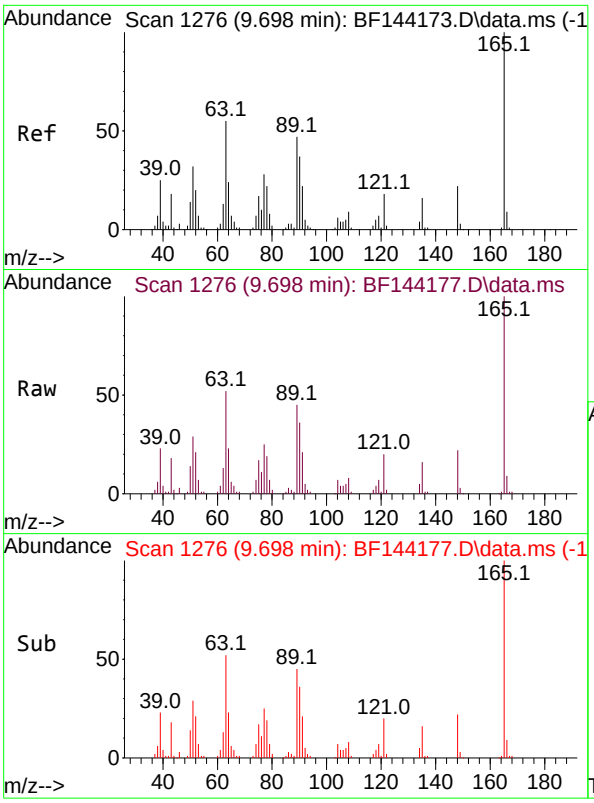



#50
Dimethylphthalate
Concen: 35.076 ng
RT: 9.634 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:163 Resp: 334163

| 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: 36.758 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:165 Resp: 7089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.3 | 43.8 | 65.8 |
| 89 | 45.1 | 37.5 | 56.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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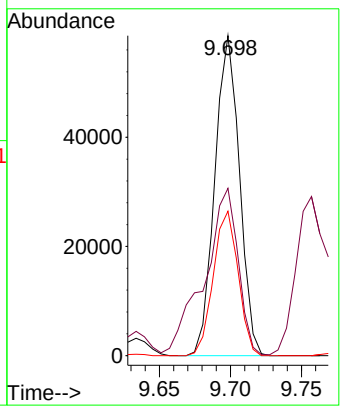
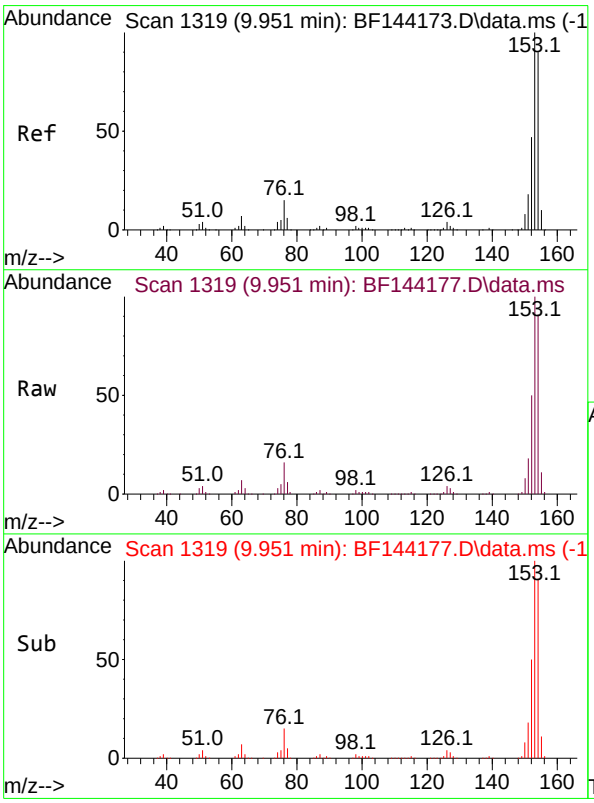
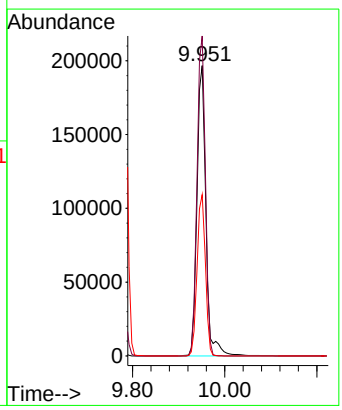


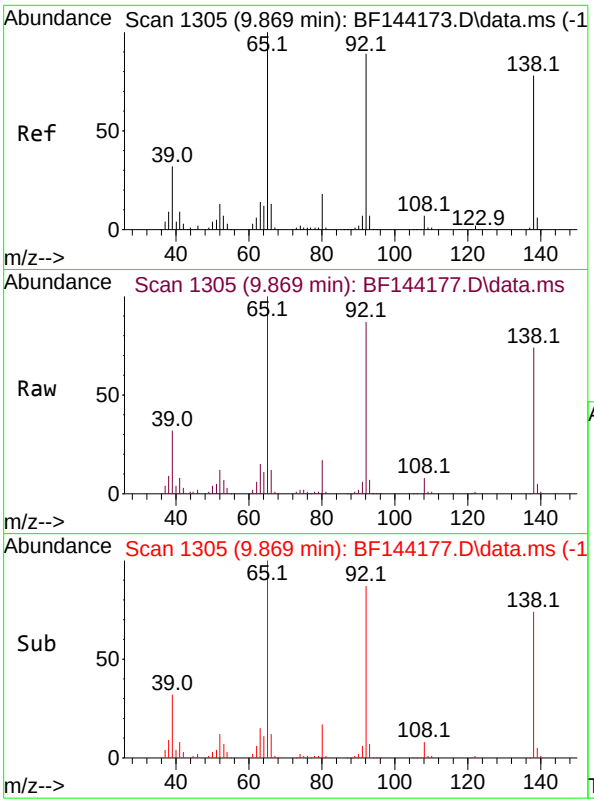




#52
Acenaphthene
Concen: 33.702 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 262974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.2 | 89.0 | 133.4 |
| 152 | 55.5 | 42.2 | 63.4 |






#53
3-Nitroaniline
Concen: 35.372 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:138 Resp: 7457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 7.5 | 11.3 |
| 92 | 116.8 | 91.8 | 137.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
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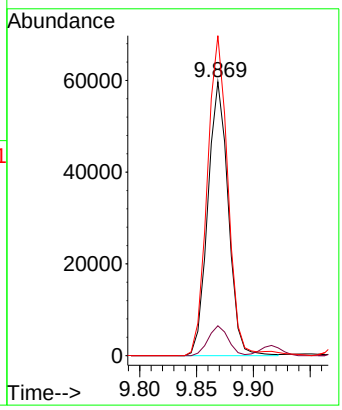
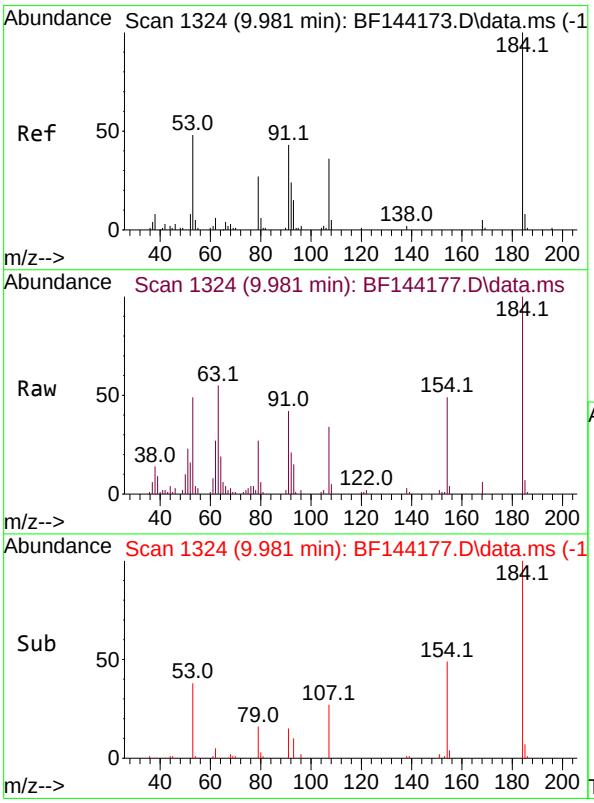
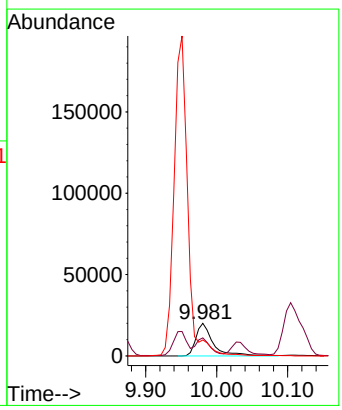


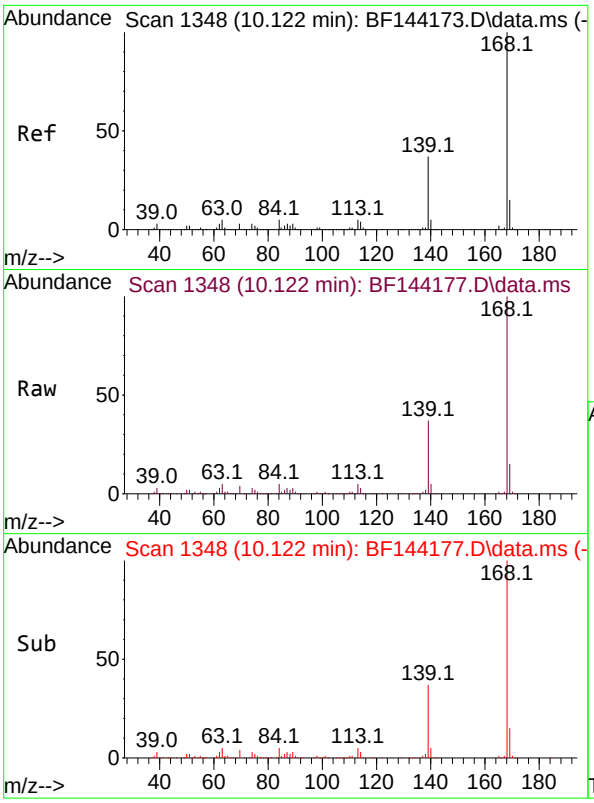




#54
2,4-Dinitrophenol
Concen: 28.732 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:184 Resp: 33460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.3 | 44.0 | 66.0 |
| 154 | 48.9 | 42.4 | 63.6 |






#55
Dibenzofuran
Concen: 35.602 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

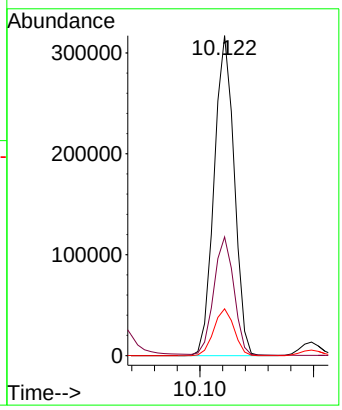
Tgt Ion:168 Resp: 38907

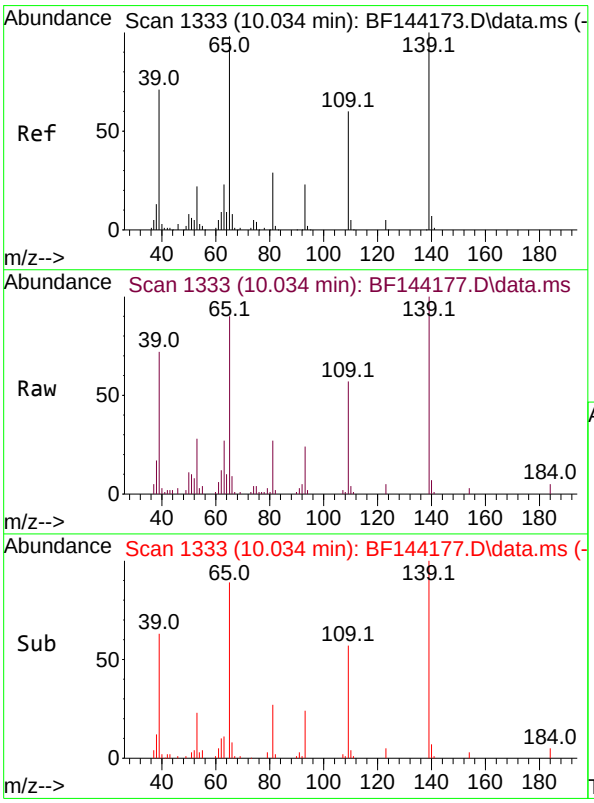
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.1 | 30.2 | 45.2 |
| 169 | 14.6 | 12.2 | 18.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

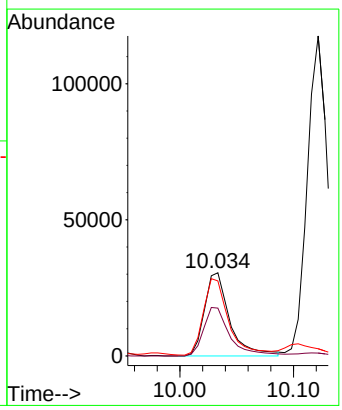


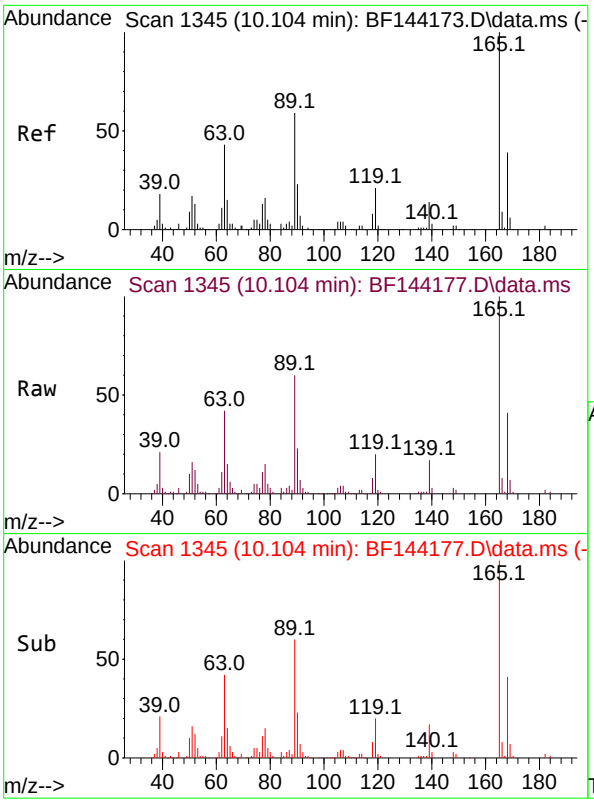




#56
4-Nitrophenol
Concen: 30.929 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:139 Resp: 47167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 57.5 | 39.9 | 79.9 |
| 65 | 90.2 | 79.5 | 119.5 |

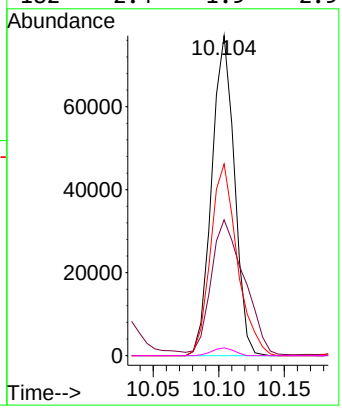





#57
2,4-Dinitrotoluene
Concen: 35.994 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:165 Resp: 9292

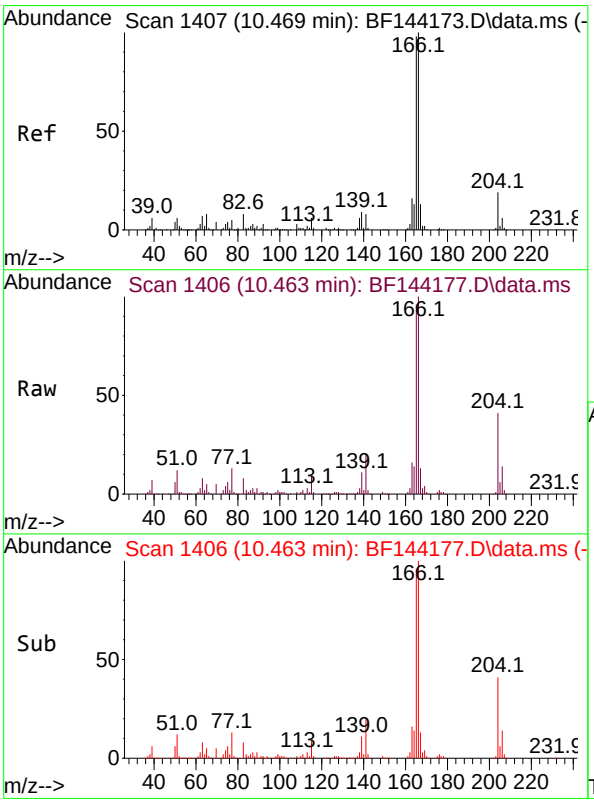
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.4 | 35.5 | 53.3 |
| 89 | 59.9 | 47.4 | 71.2 |
| 182 | 2.4 | 1.9 | 2.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations APPROVED**

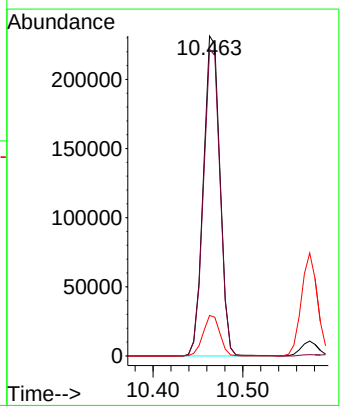
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

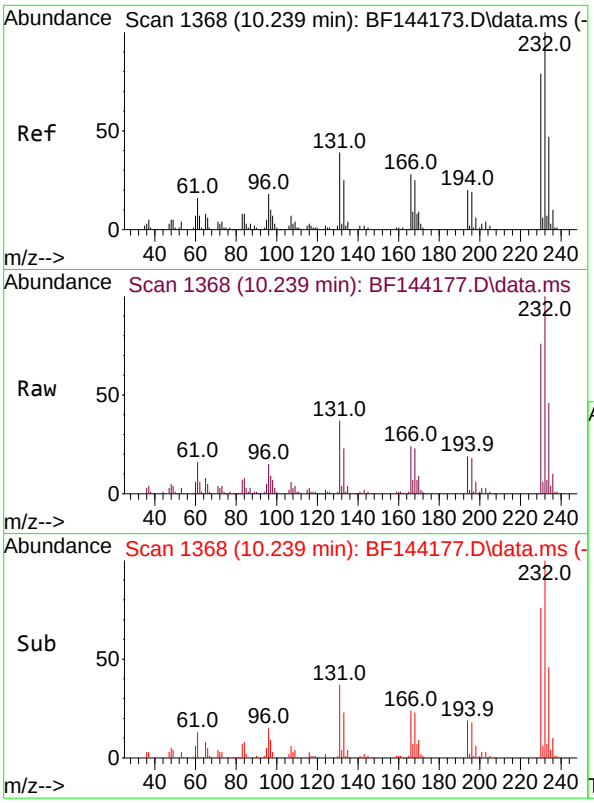



#58
Fluorene
Concen: 35.903 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:166 Resp: 298316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.9 | 78.6 | 118.0 |
| 167 | 12.6 | 10.4 | 15.6 |

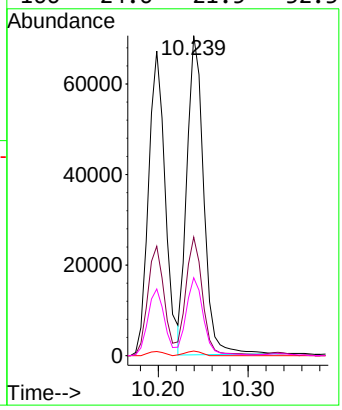





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.425 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:232 Resp: 9154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.7 | 30.3 | 45.5 |
| 130 | 1.4 | 1.2 | 1.8 |
| 166 | 24.6 | 21.5 | 32.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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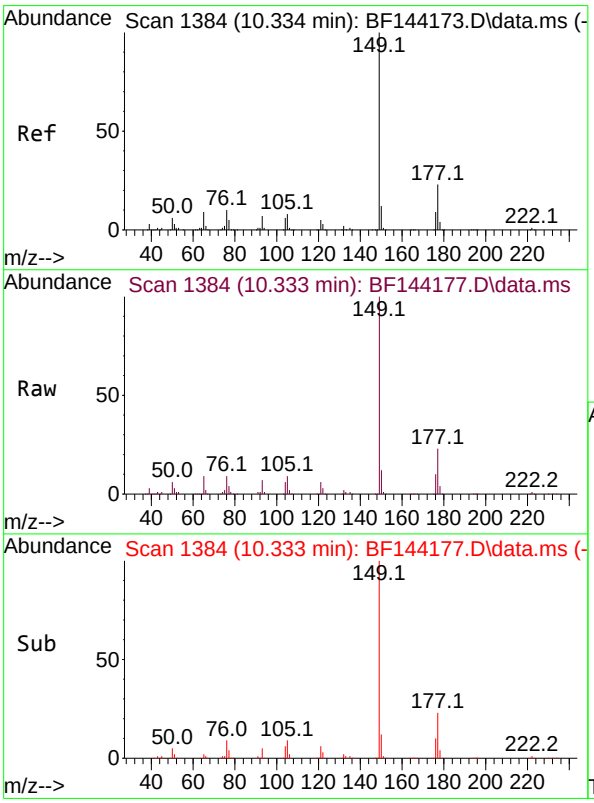
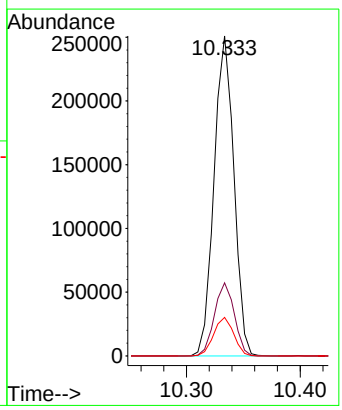
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

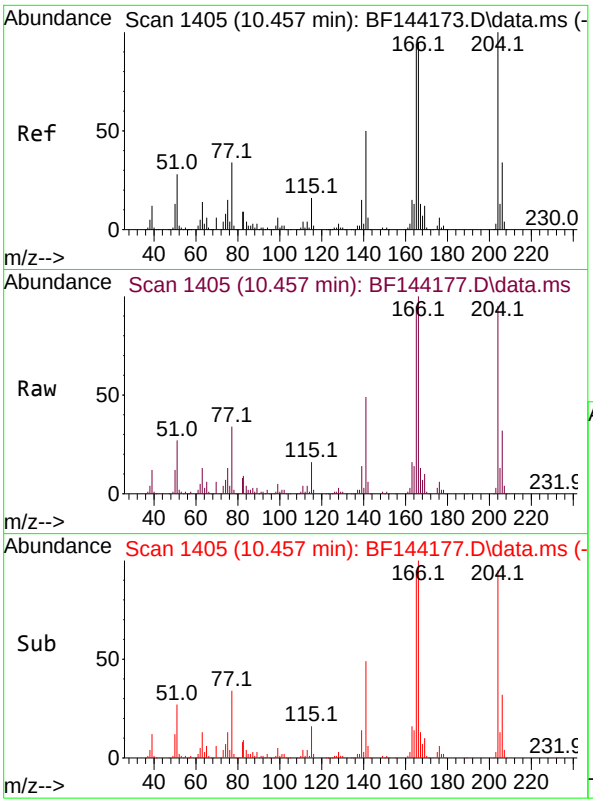



#60
Diethylphthalate
Concen: 34.646 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 304274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 18.3 | 27.5 |
| 150 | 12.0 | 9.8 | 14.6 |






#61
4-Chlorophenyl-phenylether
Concen: 35.002 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Tgt Ion:204 Resp: 16566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.3 | 27.4 | 41.2 |
| 141 | 51.8 | 40.0 | 60.0 |

**Manual Integrations**
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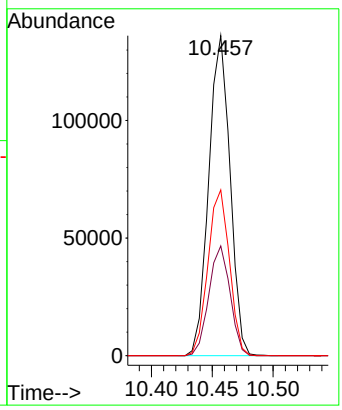
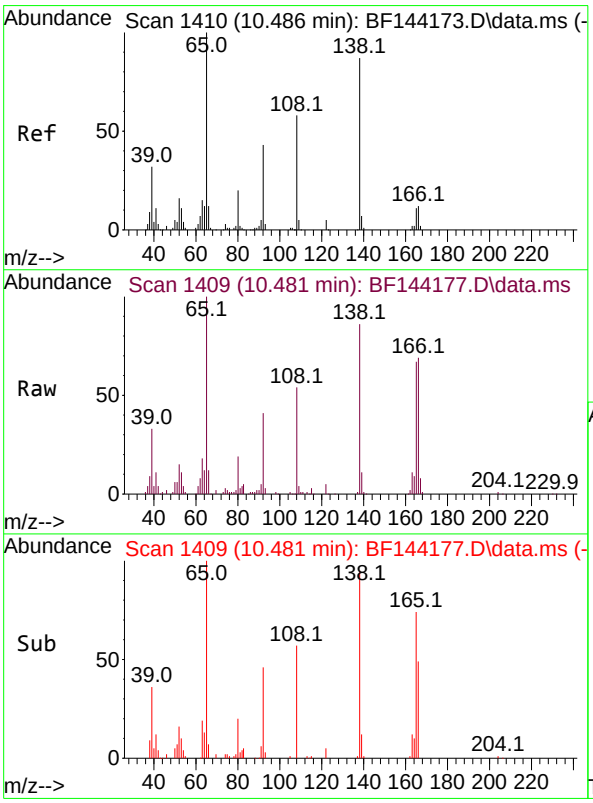
Supervised By :Jagrut Upadhyay 11/06/2025

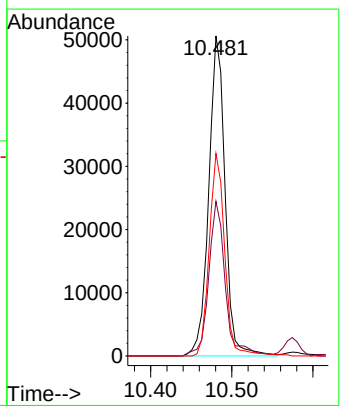


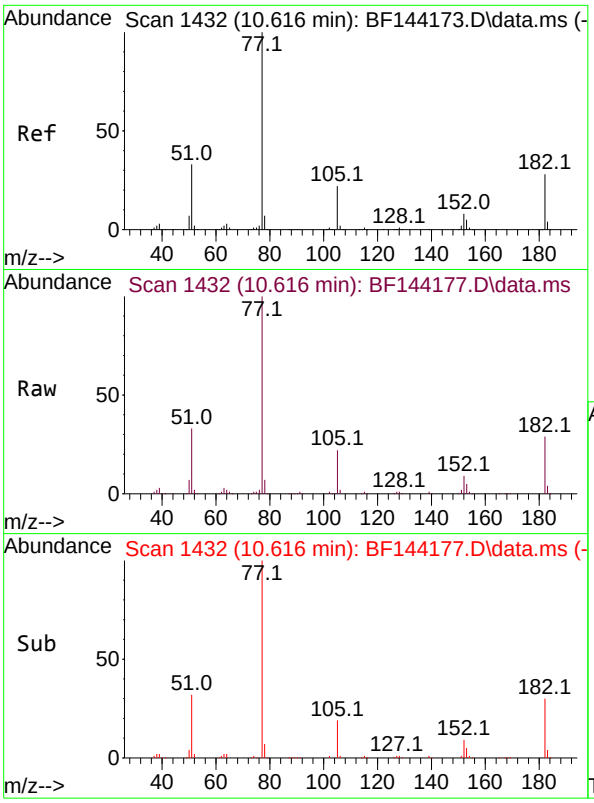




#62
4-Nitroaniline
Concen: 35.278 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:138 Resp: 70828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.3 | 29.4 | 69.4 |
| 108 | 63.2 | 46.4 | 86.4 |






#63
Azobenzene
Concen: 35.958 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Tgt Ion: 77 Resp: 29390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.3 | 8.1 | 48.1 |
| 105 | 22.3 | 2.0 | 42.0 |
| 51 | 32.9 | 13.9 | 53.9 |

**Manual Integrations**
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Reviewed By :Rahul Chavli 11/06/2025
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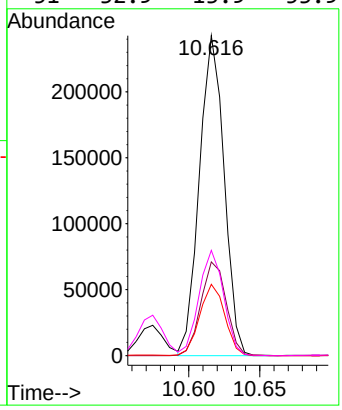
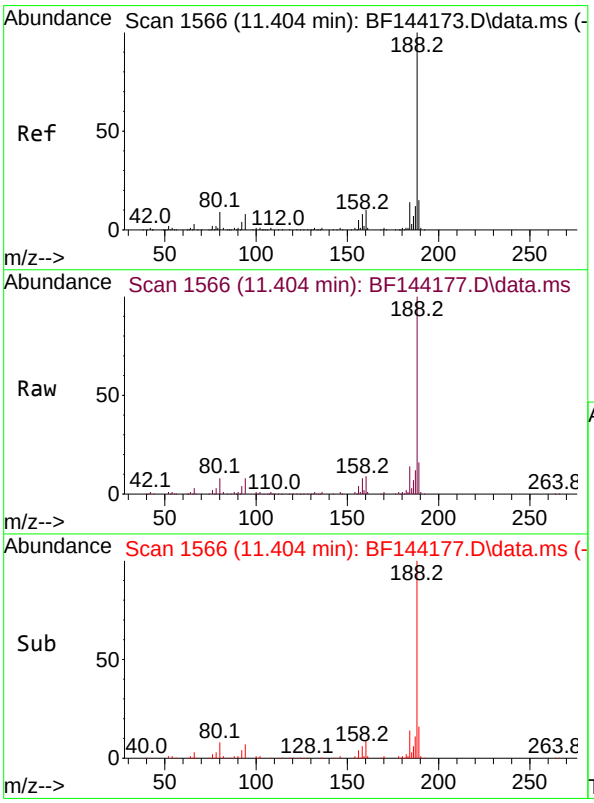
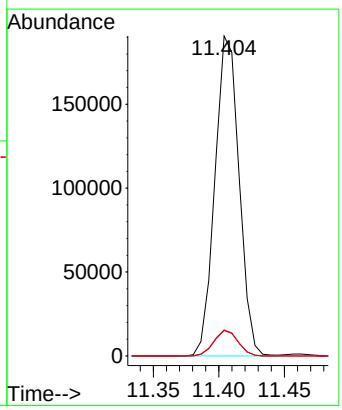


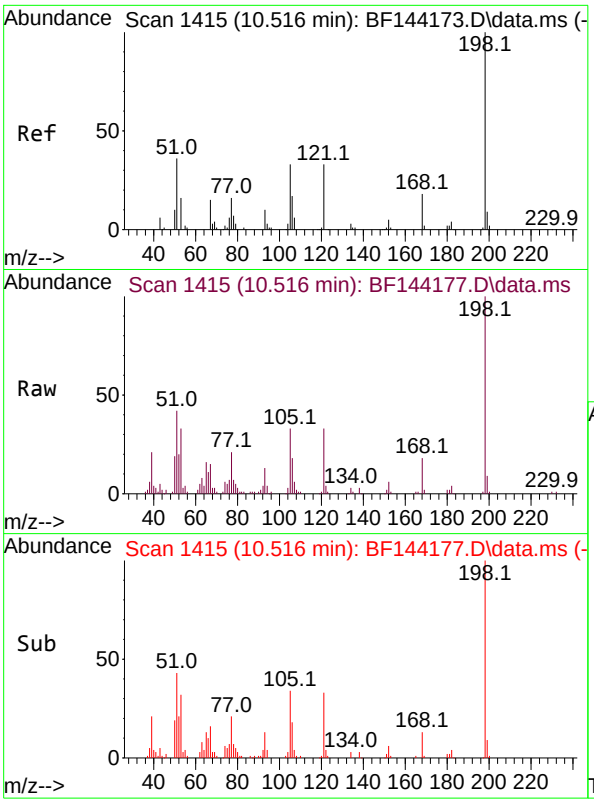




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:188 Resp: 244964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.9 | 6.2 | 9.2 |
| 80 | 8.1 | 6.9 | 10.3 |






#65
4,6-Dinitro-2-methylphenol
Concen: 31.346 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:198 Resp: 5216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.3 | 25.6 | 65.6 |
| 105 | 33.1 | 14.6 | 54.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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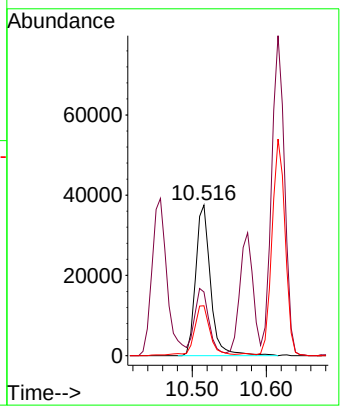
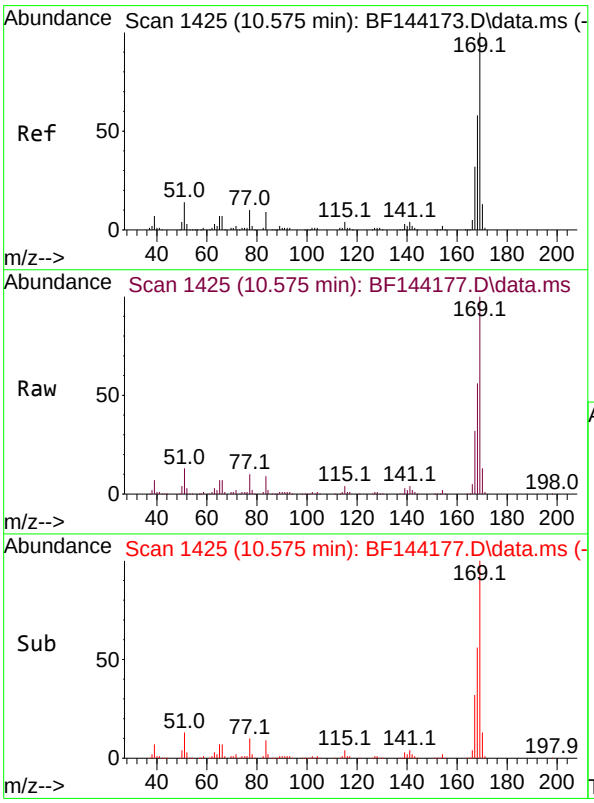
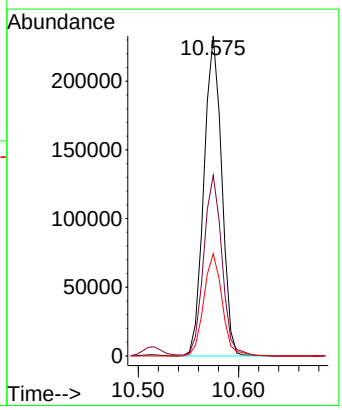


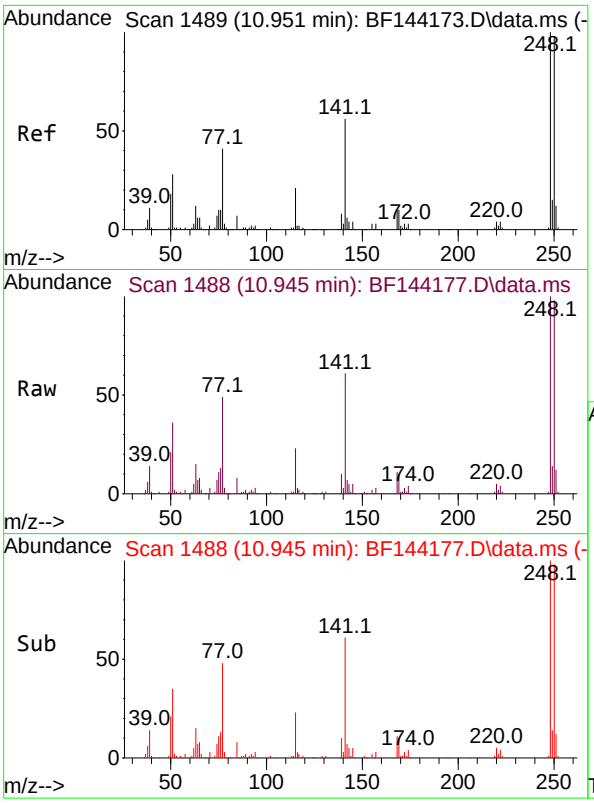




#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:169 Resp: 285930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 56.4 | 46.2 | 69.2 |
| 167 | 31.9 | 25.7 | 38.5 |

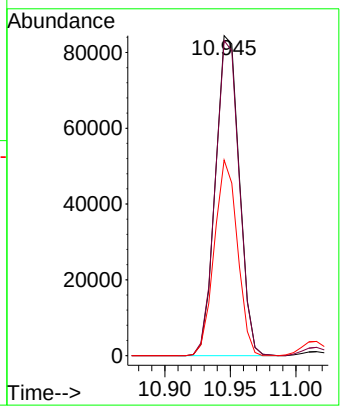





#67
4-Bromophenyl-phenylether
Concen: 34.135 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:248 Resp: 10673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.4 | 78.4 | 117.6 |
| 141 | 61.1 | 45.1 | 67.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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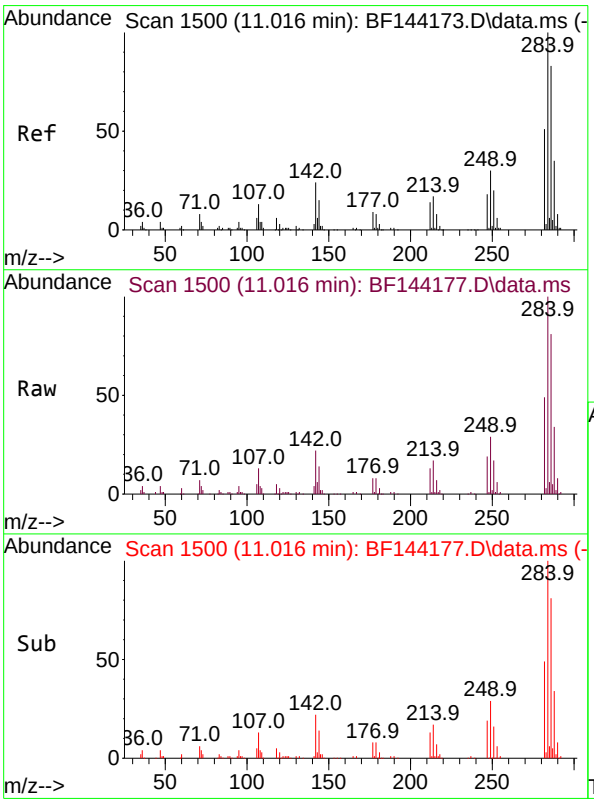
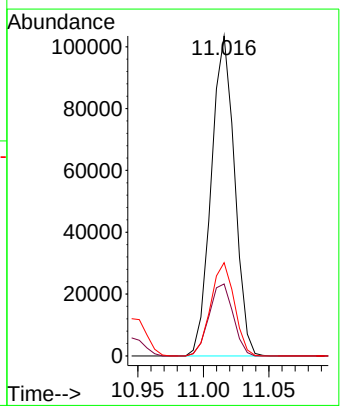
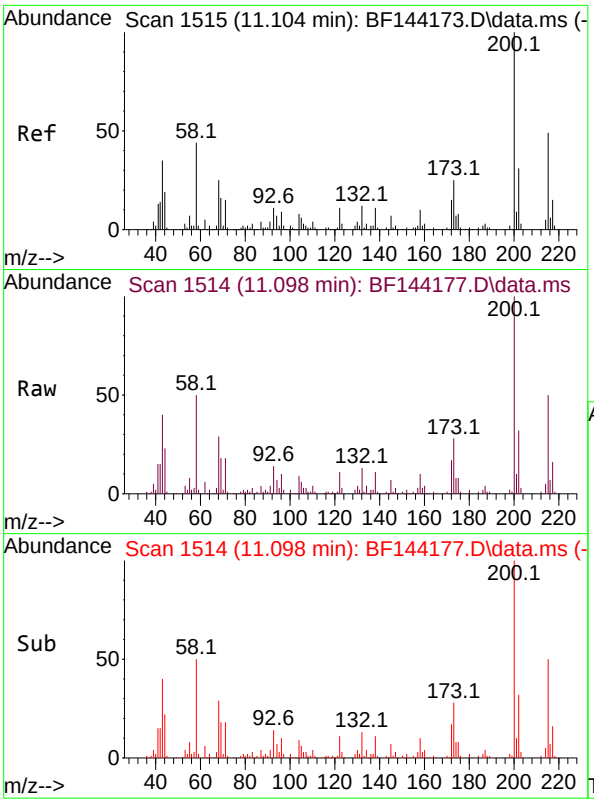



#68
Hexachlorobenzene
Concen: 34.810 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:284 Resp: 128202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.5 | 19.2 | 28.8 |
| 249 | 29.1 | 23.8 | 35.8 |

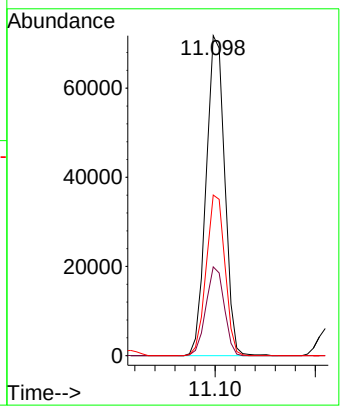





#69
Atrazine
Concen: 36.790 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:200 Resp: 9218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.7 | 5.0 | 45.0 |
| 215 | 50.2 | 28.7 | 68.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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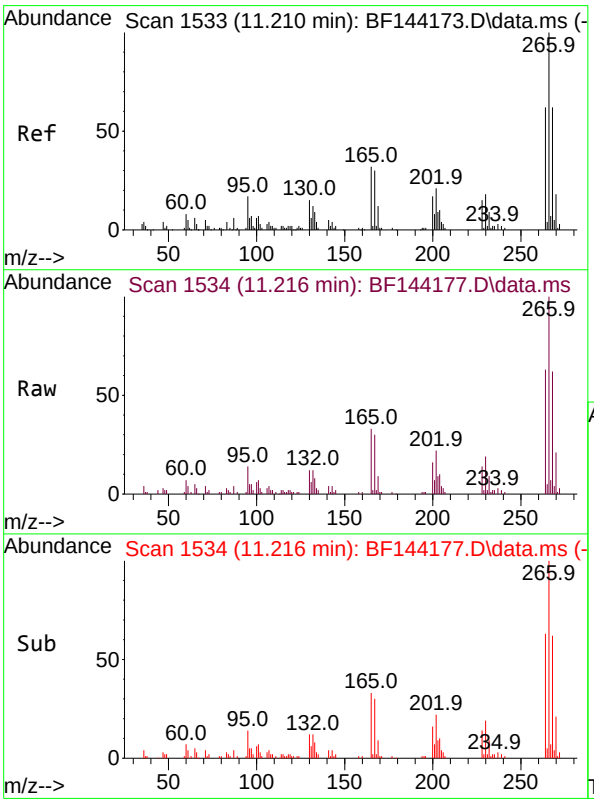
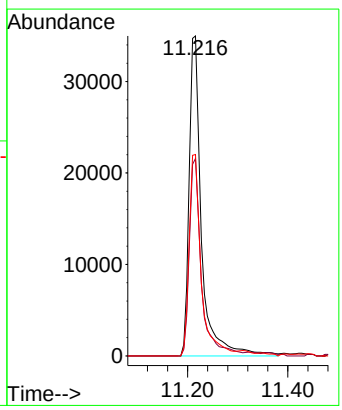
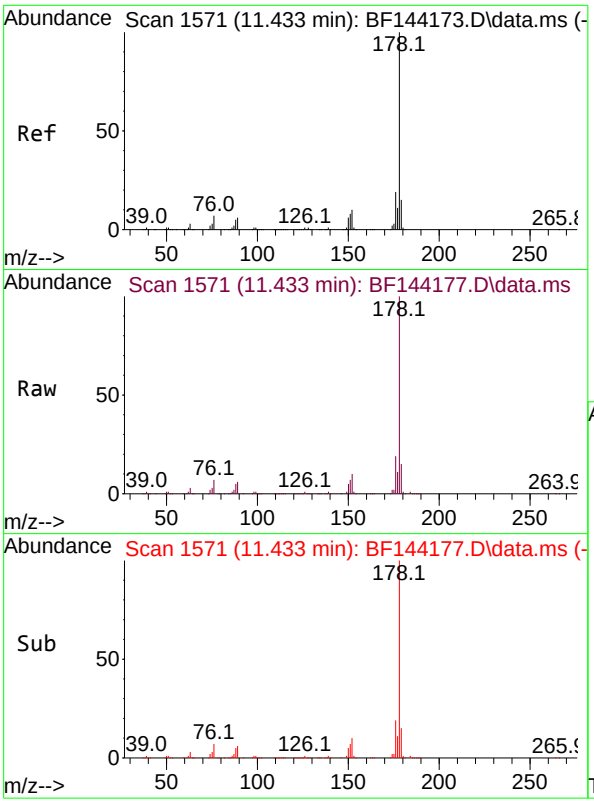



#70
Pentachlorophenol
Concen: 32.706 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:266 Resp: 59981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.7 | 49.5 | 74.3 |
| 264 | 62.9 | 49.4 | 74.2 |

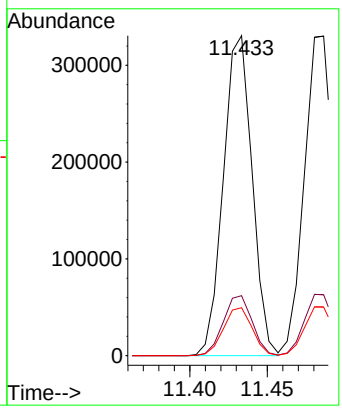





#71
Phenanthrene
Concen: 35.049 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:178 Resp: 42746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.5 | 23.3 |
| 179 | 15.0 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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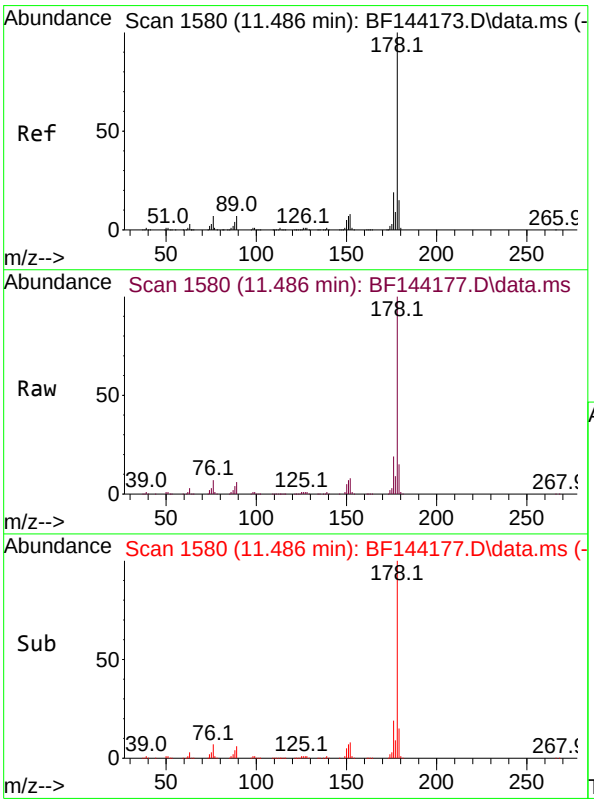
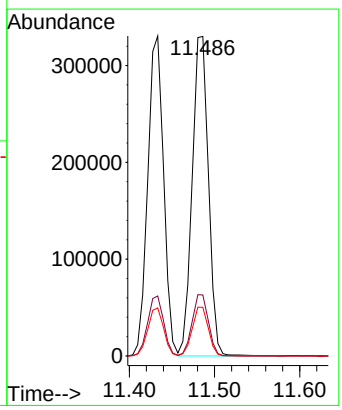
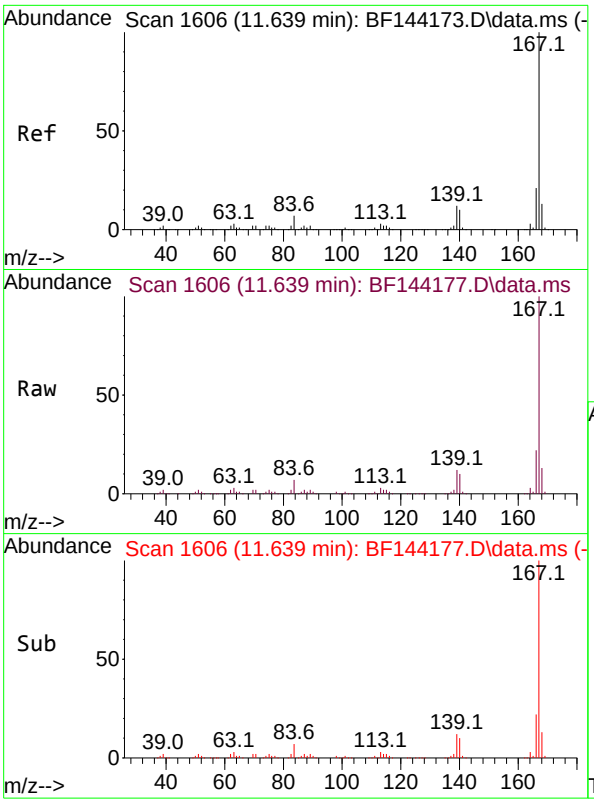



#72
Anthracene
Concen: 35.286 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:178 Resp: 437609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.2 | 12.0 | 18.0 |

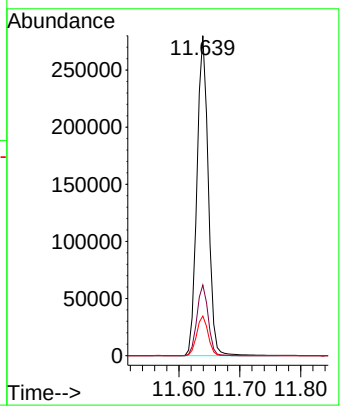





#73
Carbazole
Concen: 34.224 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:167 Resp: 360909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.2 | 25.8 |
| 139 | 12.4 | 9.9 | 14.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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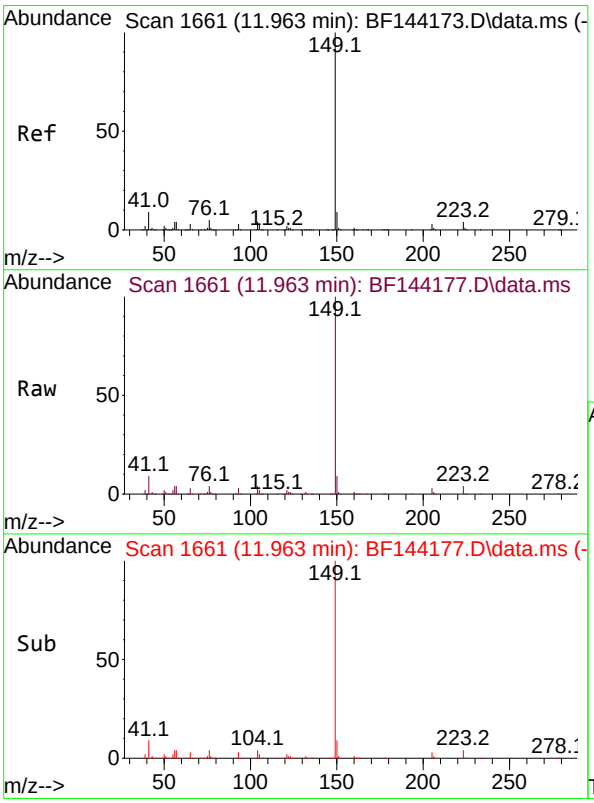
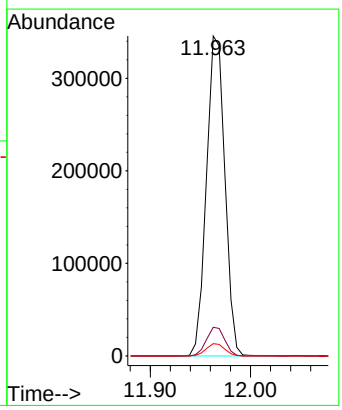
Supervised By :Jagrut Upadhyay 11/06/2025

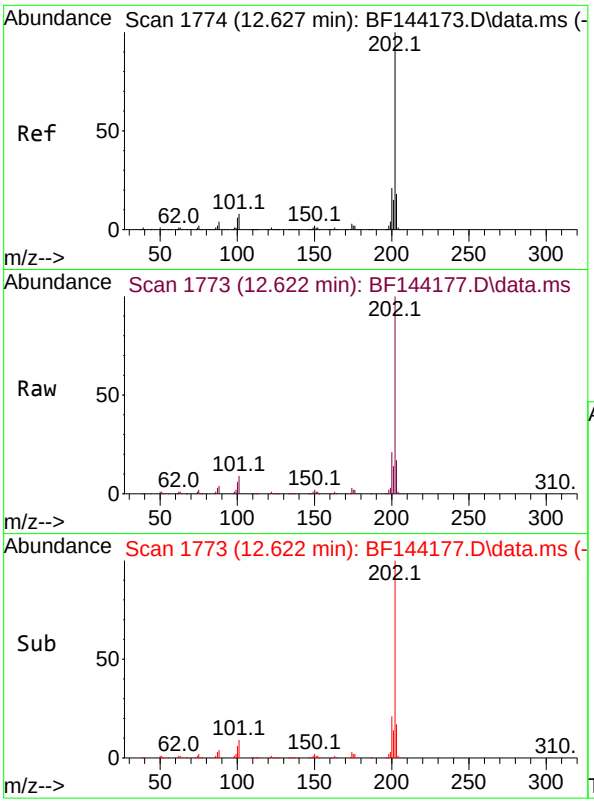



#74
Di-n-butylphthalate
Concen: 34.535 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 440261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.4 | 11.0 |
| 104 | 3.8 | 3.4 | 5.2 |

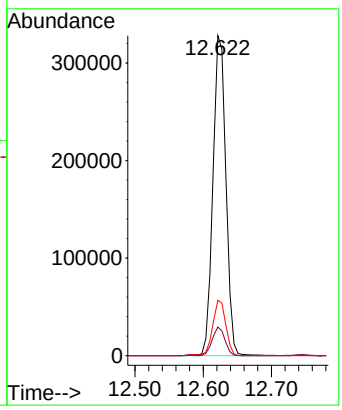





#75
Fluoranthene
Concen: 34.338 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:202 Resp: 43262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.9 | 0.0 | 27.9 |
| 203 | 17.3 | 0.0 | 37.5 |




**Instrument :**
BNA_F
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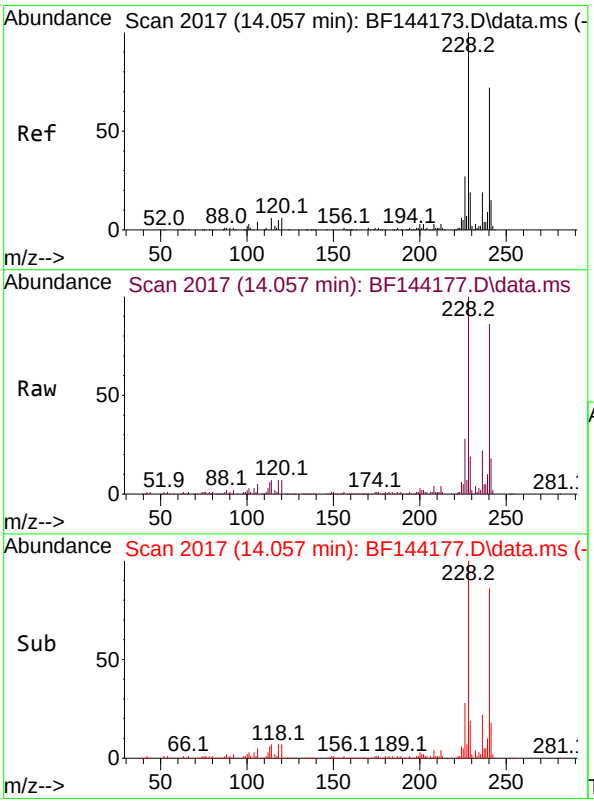
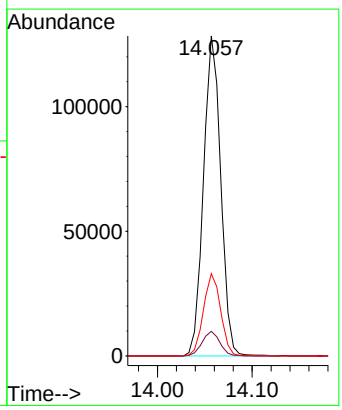
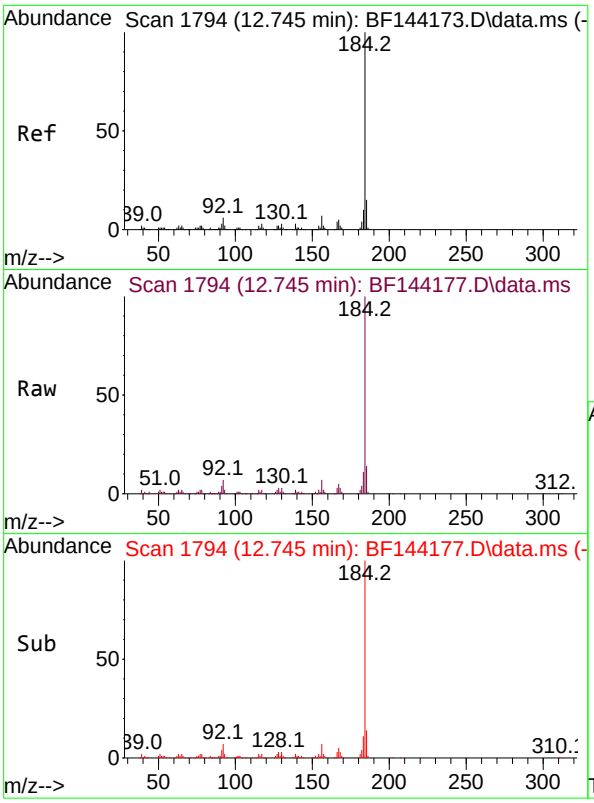



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:240 Resp: 162721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.7 | 6.6 | 10.0 |
| 236 | 25.7 | 21.4 | 32.2 |

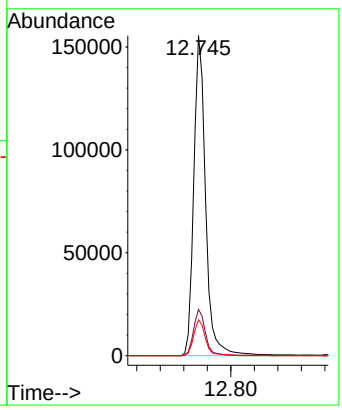





#77
Benzidine
Concen: 45.165 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:184 Resp: 21738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.7 | 17.5 |
| 183 | 11.2 | 8.3 | 12.5 |




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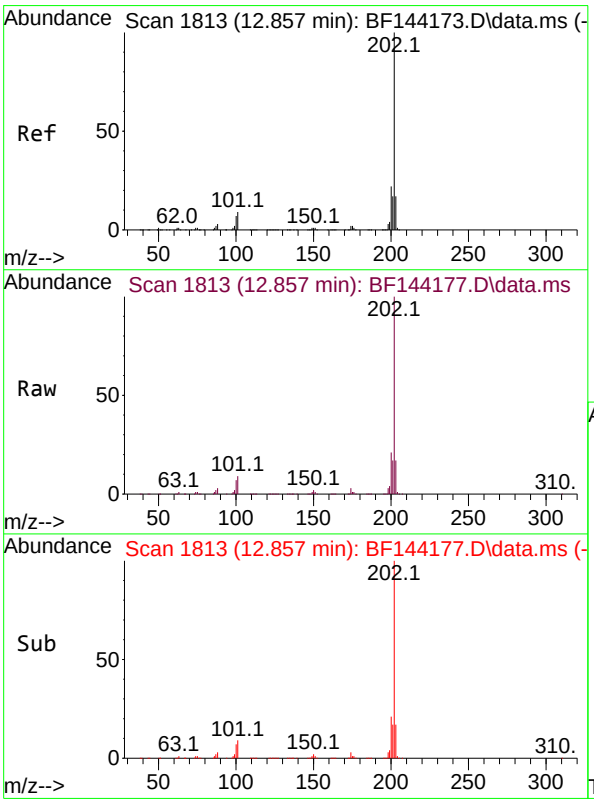
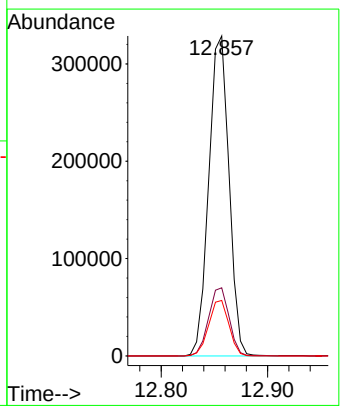
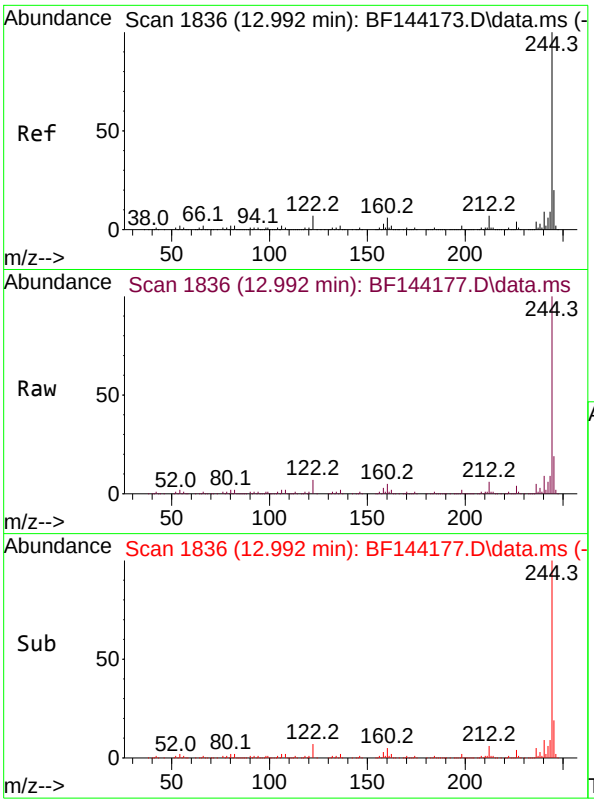



#78
Pyrene
Concen: 33.011 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:202 Resp: 433110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.2 | 25.8 |
| 203 | 17.3 | 13.7 | 20.5 |

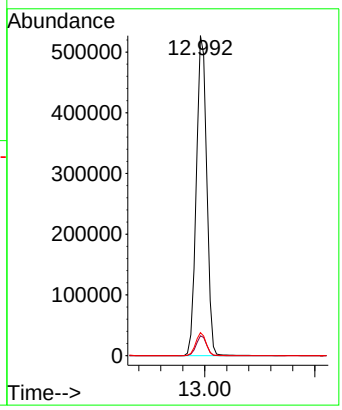





#79
Terphenyl-d14
Concen: 67.318 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:244 Resp: 68962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.3 | 7.9 |
| 122 | 7.2 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
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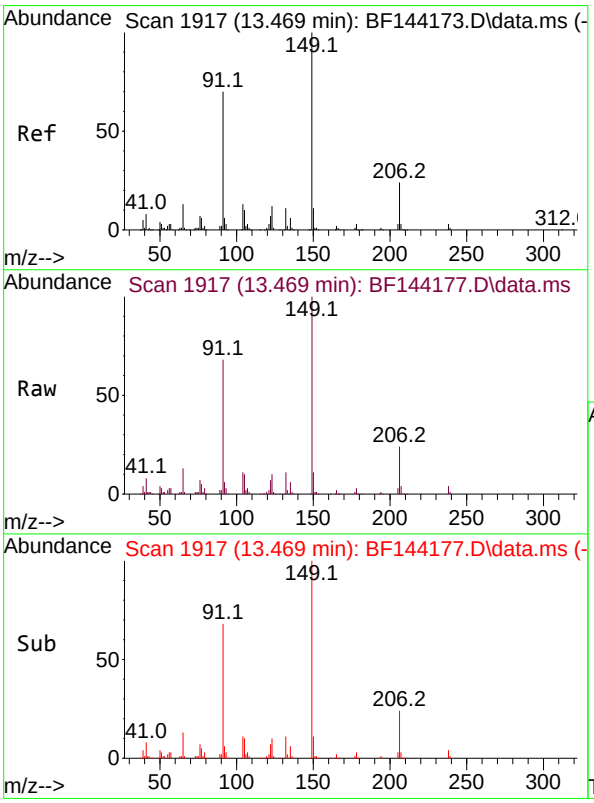
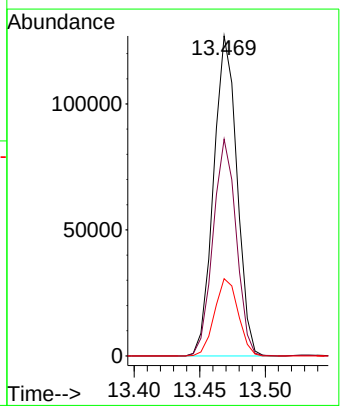
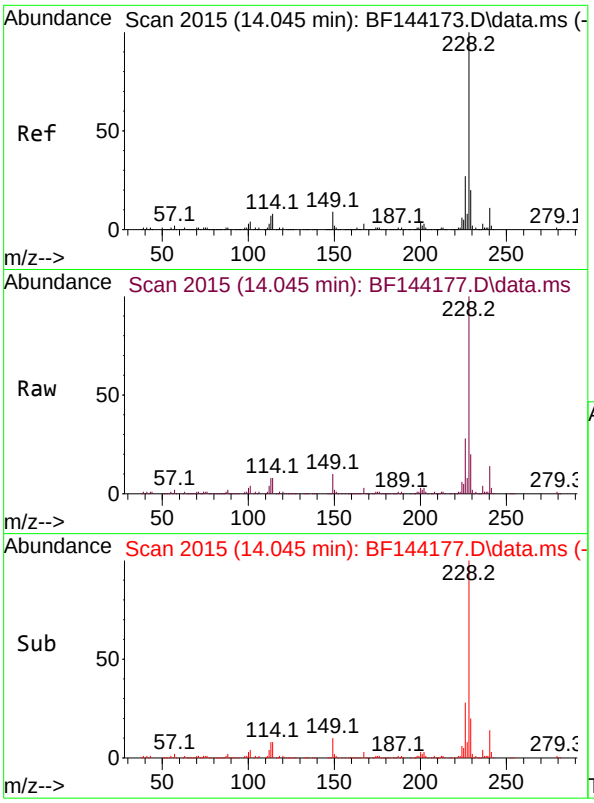



#80
Butylbenzylphthalate
Concen: 34.633 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 157485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.7 | 56.1 | 84.1 |
| 206 | 24.1 | 18.8 | 28.2 |

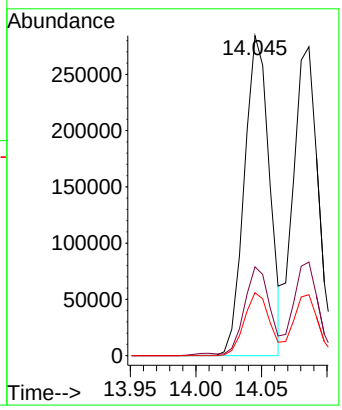





#81
Benzo(a)anthracene
Concen: 33.489 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:228 Resp: 37768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 21.8 | 32.8 |
| 229 | 19.7 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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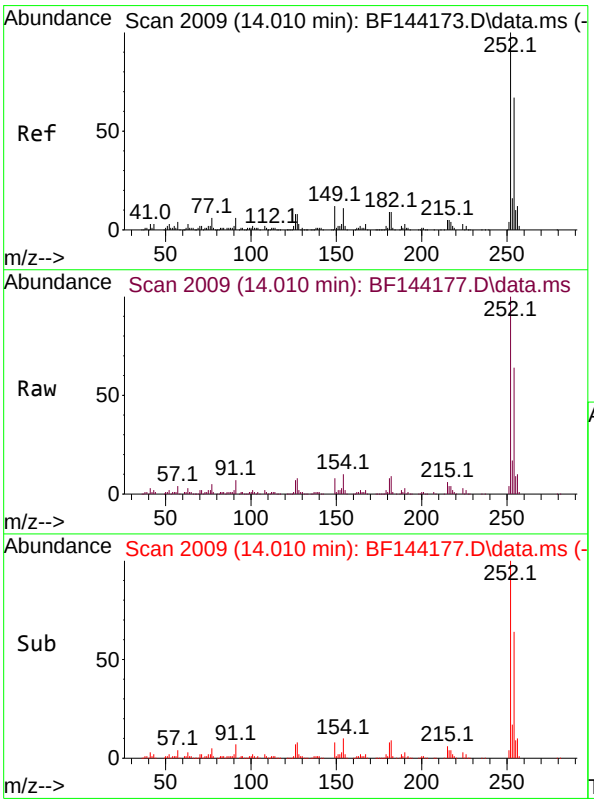
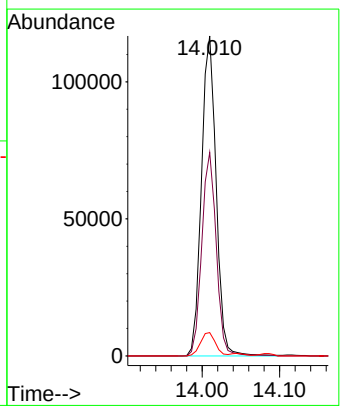
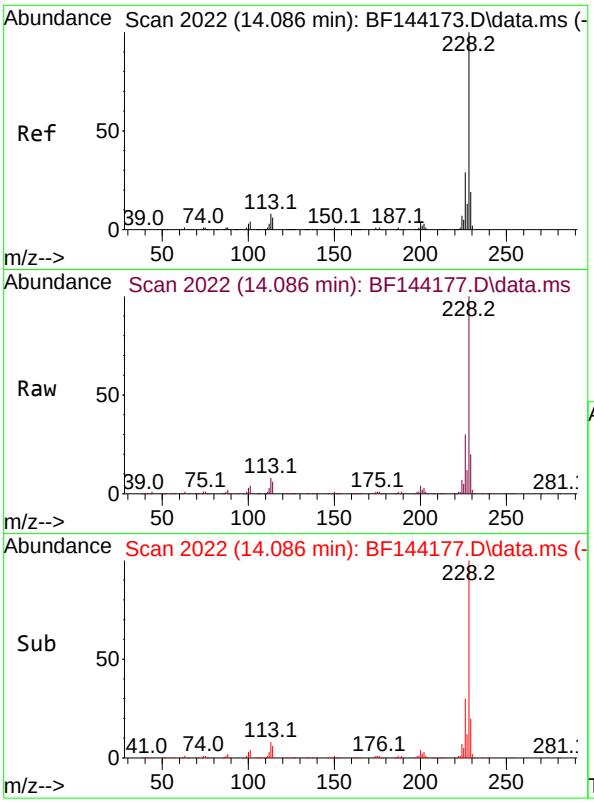



#82
3,3'-Dichlorobenzidine
Concen: 39.612 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 153129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.6 | 53.5 | 80.3 |
| 126 | 7.3 | 6.4 | 9.6 |

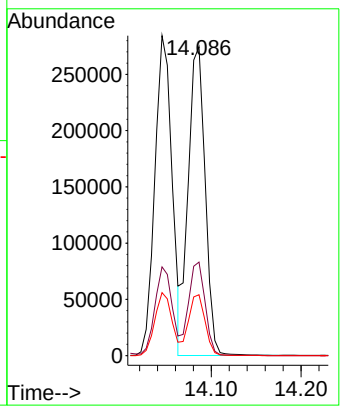





#83
Chrysene
Concen: 34.559 ng
RT: 14.086 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:228 Resp: 35978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 22.9 | 34.3 |
| 229 | 19.7 | 15.0 | 22.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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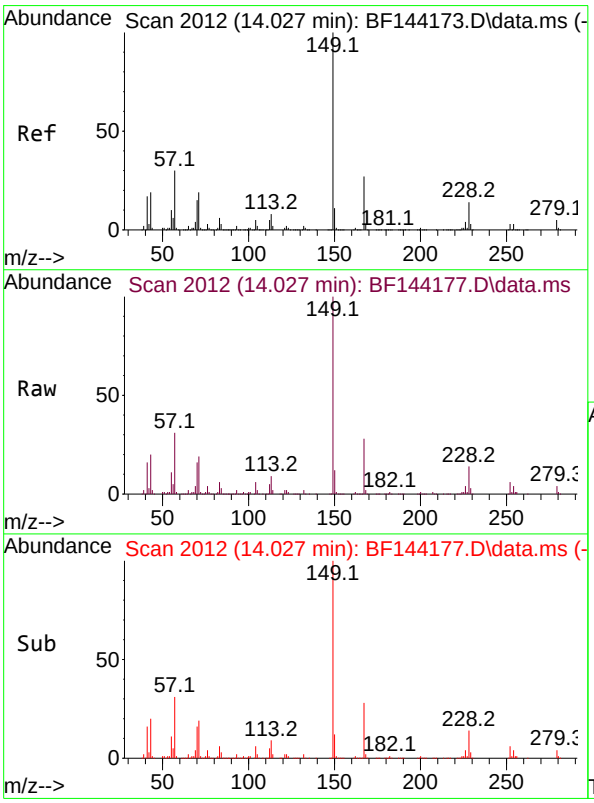
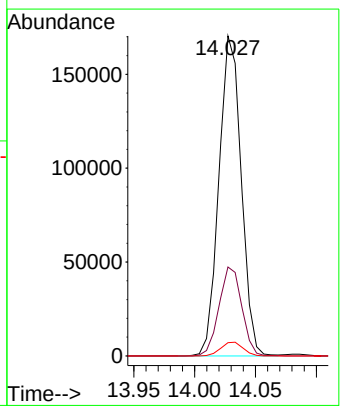
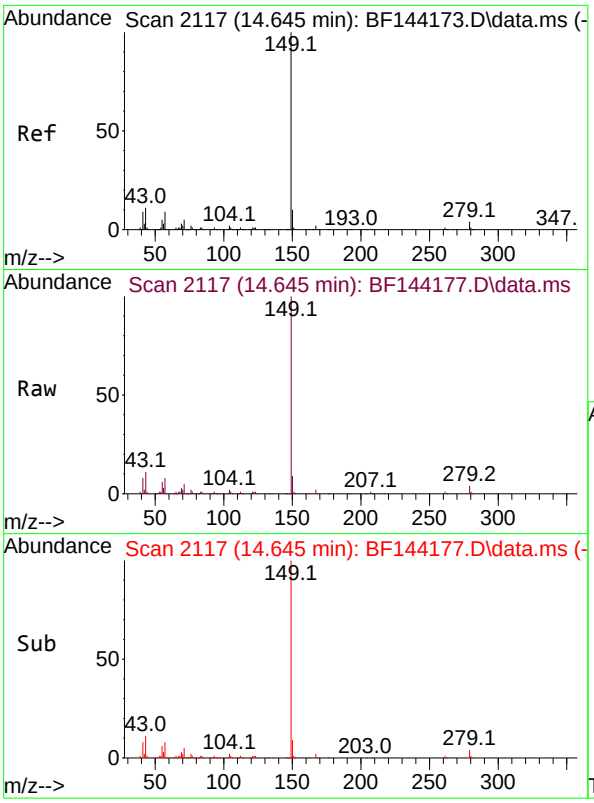



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.880 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 217122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 21.8 | 32.8 |
| 279 | 4.1 | 3.7 | 5.5 |

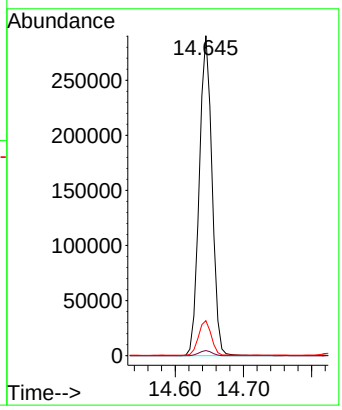





#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 37742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 10.8 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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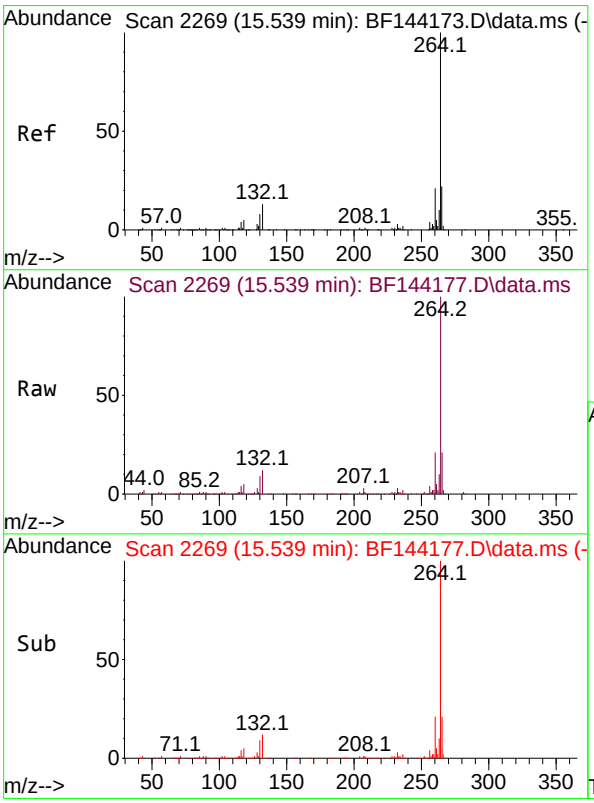
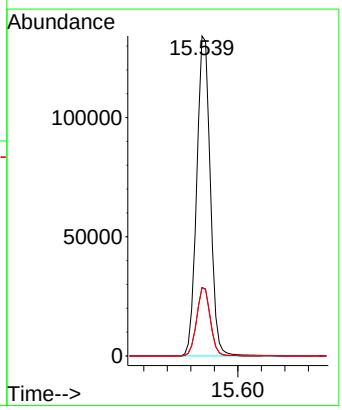
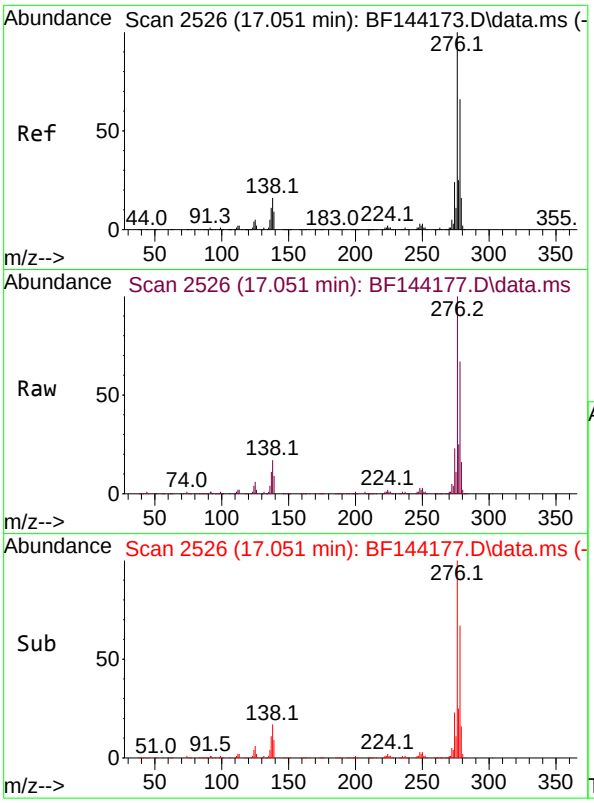



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:264 Resp: 215110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.4 | 17.1 | 25.7 |
| 265 | 21.4 | 17.4 | 26.0 |

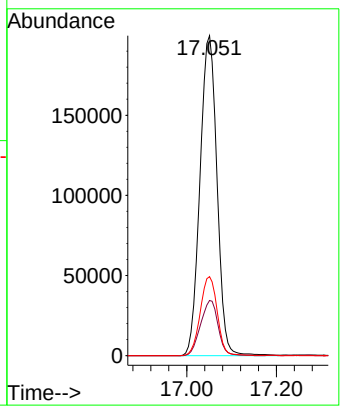





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.019 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:276 Resp: 525298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.7 | 13.9 | 20.9 |
| 277 | 24.6 | 19.8 | 29.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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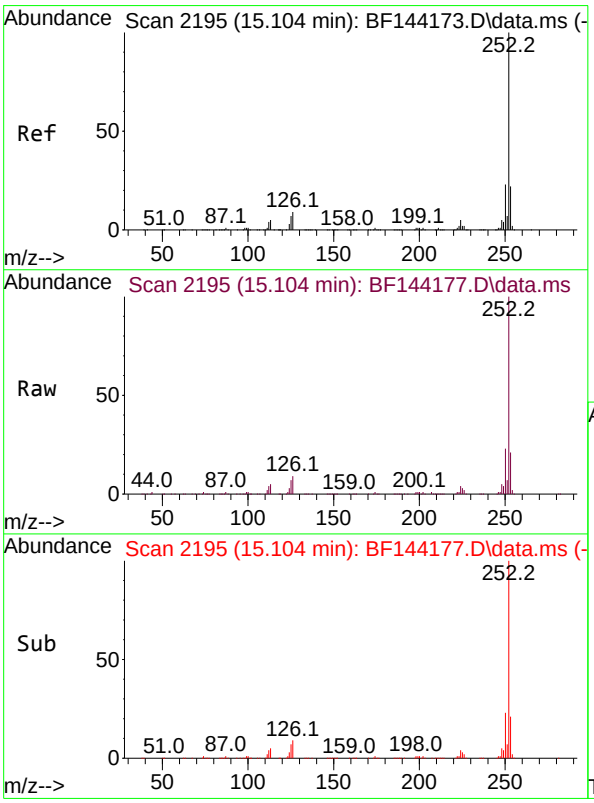
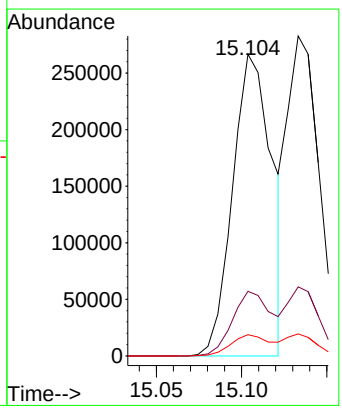
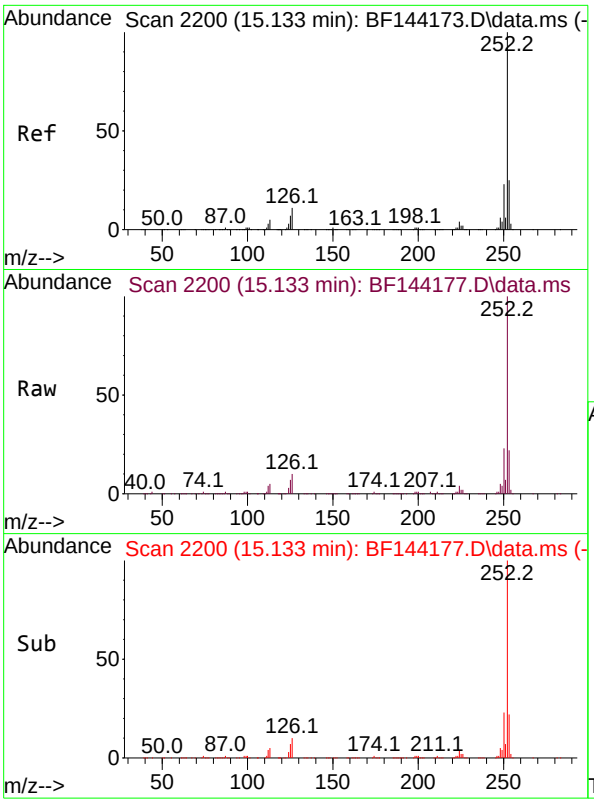



#88
Benzo(b)fluoranthene
Concen: 35.021 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 428292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.4 | 26.2 |
| 125 | 7.0 | 5.3 | 7.9 |

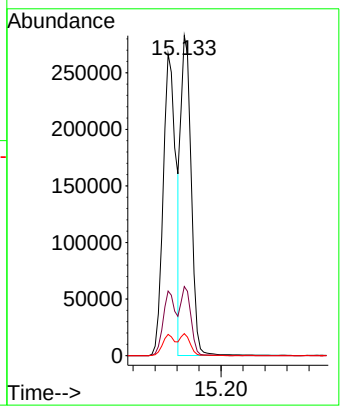





#89
Benzo(k)fluoranthene
Concen: 32.431 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 37123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.0 | 27.0 |
| 125 | 6.9 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

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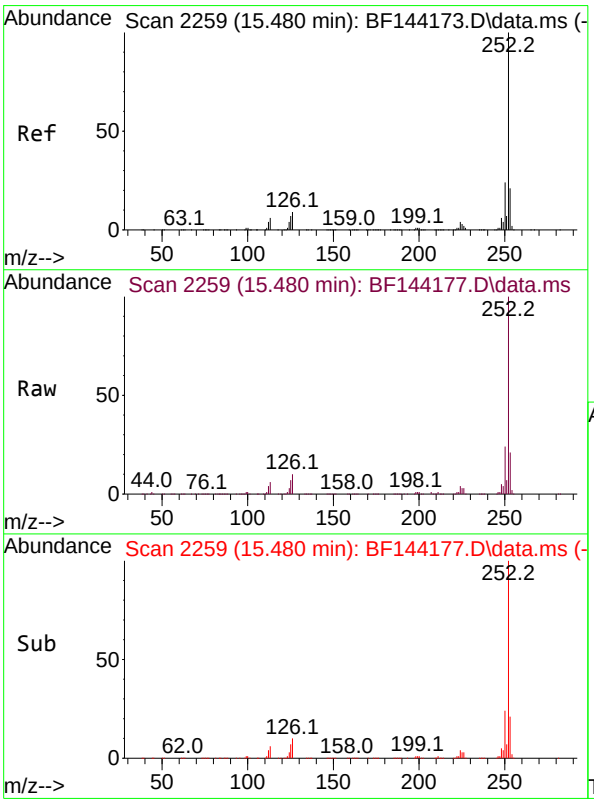
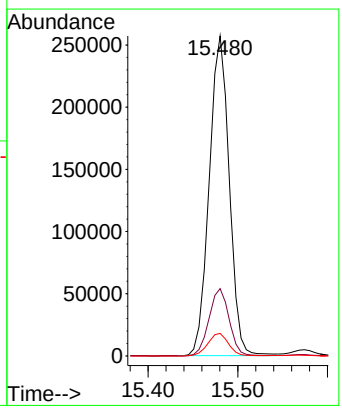
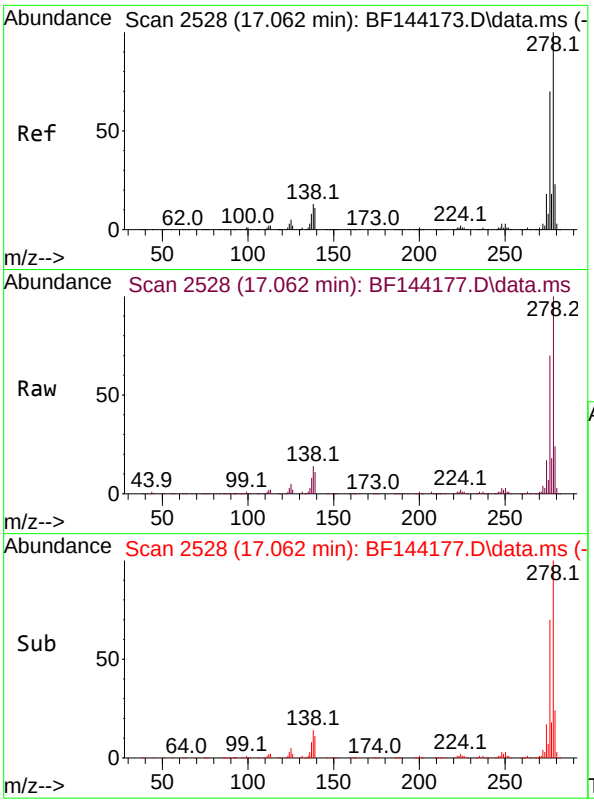



#90
Benzo(a)pyrene
Concen: 35.415 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 399556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.0 | 16.7 | 25.1 |
| 125 | 7.0 | 5.7 | 8.5 |

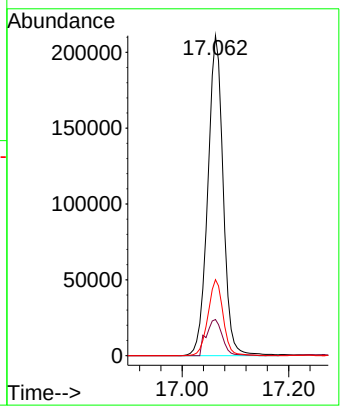





#91
Dibenzo(a,h)anthracene
Concen: 34.126 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:278 Resp: 42319

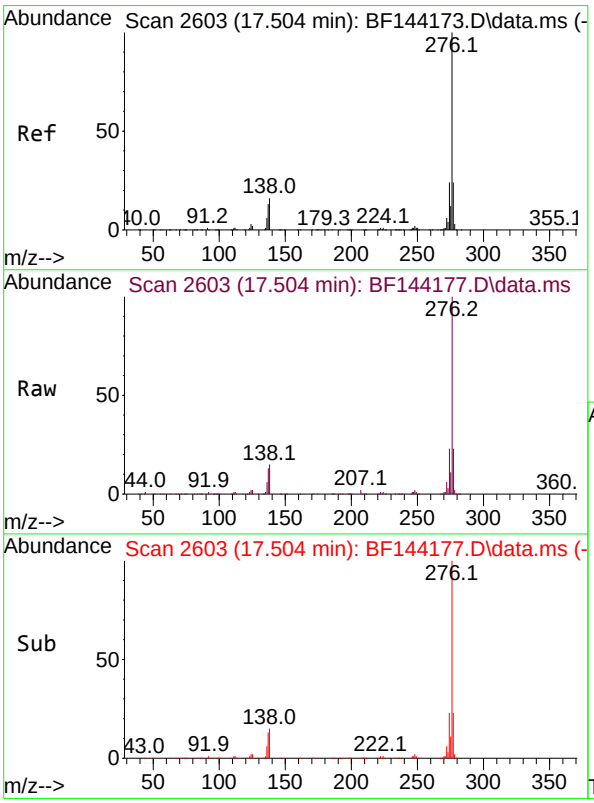
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.3 | 9.1 | 13.7 |
| 279 | 23.7 | 18.2 | 27.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

**Manual Integrations**
**APPROVED**

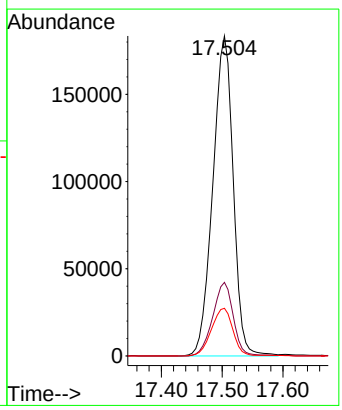
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025




#92
Benzo(g,h,i)perylene
Concen: 34.857 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:276 Resp: 426866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.0 | 19.0 | 28.4 |
| 138 | 14.9 | 12.9 | 19.3 |



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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 | 99 | 0.00 |
| 2 | | 1,4-Dioxane | 0.528 | 0.462 | 12.5 | 83 | -0.01 |
| 3 | | Pyridine | 1.474 | 1.199 | 18.7 | 78 | -0.04 |
| 4 | | n-Nitrosodimethylamine | 0.770 | 0.697 | 9.5 | 89 | -0.02 |
| 5 | S | 2-Fluorophenol | 1.278 | 1.122 | 12.2 | 84 | 0.00 |
| 6 | | Aniline | 2.063 | 1.917 | 7.1 | 92 | 0.00 |
| 7 | S | Phenol-d6 | 1.448 | 1.258 | 13.1 | 85 | 0.00 |
| 8 | | 2-Chlorophenol | 1.253 | 1.100 | 12.2 | 85 | 0.00 |
| 9 | | Benzaldehyde | 0.818 | 0.927 | -13.3 | 112 | 0.00 |
| 10 | C | Phenol | 1.769 | 1.573 | 11.1 | 84 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.289 | 1.133 | 12.1 | 85 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.547 | 1.393 | 10.0 | 89 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.549 | 1.389 | 10.3 | 86 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.485 | 1.372 | 7.6 | 91 | 0.00 |
| 15 | | Benzyl Alcohol | 1.147 | 1.020 | 11.1 | 87 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.374 | 2.098 | 11.6 | 86 | 0.00 |
| 17 | | 2-Methylphenol | 0.997 | 0.866 | 13.1 | 83 | 0.00 |
| 18 | | Hexachloroethane | 0.515 | 0.464 | 9.9 | 86 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.953 | 0.812 | 14.8 | 84 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.175 | 1.053 | 10.4 | 86 | -0.01 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 22 | | Acetophenone | 0.429 | 0.387 | 9.8 | 90 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.346 | 0.297 | 14.2 | 83 | 0.00 |
| 24 | | Nitrobenzene | 0.376 | 0.327 | 13.0 | 85 | 0.00 |
| 25 | | Isophorone | 0.655 | 0.569 | 13.1 | 85 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.186 | 0.170 | 8.6 | 87 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.279 | 0.274 | 1.8 | 93 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.409 | 0.362 | 11.5 | 86 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.322 | 0.274 | 14.9 | 83 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.330 | 0.294 | 10.9 | 88 | 0.00 |
| 31 | | Naphthalene | 0.951 | 0.829 | 12.8 | 86 | 0.00 |
| 32 | | Benzoic acid | 0.204 | 0.154 | 24.5 | 86 | -0.04 |
| 33 | | 4-Chloroaniline | 0.347 | 0.336 | 3.2 | 93 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.249 | 0.215 | 13.7 | 83 | 0.00 |
| 35 | | Caprolactam | 0.088 | 0.074 | 15.9 | 80 | -0.03 |
| 36 | C | 4-Chloro-3-methylphenol | 0.288 | 0.247 | 14.2 | 84 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.636 | 0.509 | 20.0 | 79 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.614 | 0.514 | 16.3 | 83 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 97 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.603 | 7.9 | 86 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.195 | 0.243 | -24.6 | 118 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.251 | 0.213 | 15.1 | 78 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.446 | 0.394 | 11.7 | 84 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.481 | 0.423 | 12.1 | 84 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.354 | 1.180 | 12.9 | 85 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.396 | 1.275 | 8.7 | 87 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.191 | 1.045 | 12.3 | 84 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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 | 0.344 | 0.306 | 11.0 | 82 | 0.00 |
| 49 | | Acenaphthylene | 1.623 | 1.615 | 0.5 | 95 | 0.00 |
| 50 | | Dimethylphthalate | 1.325 | 1.162 | 12.3 | 83 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.268 | 0.246 | 8.2 | 86 | 0.00 |
| 52 | C | Acenaphthene | 1.085 | 0.914 | 15.8 | 81 | 0.00 |
| 53 | | 3-Nitroaniline | 0.293 | 0.259 | 11.6 | 80 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.162 | 0.116 | 28.4# | 80 | 0.00 |
| 55 | | Dibenzofuran | 1.520 | 1.353 | 11.0 | 84 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.212 | 0.164 | 22.6 | 78 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.359 | 0.323 | 10.0 | 81 | 0.00 |
| 58 | | Fluorene | 1.156 | 1.037 | 10.3 | 85 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.340 | 0.318 | 6.5 | 86 | 0.00 |
| 60 | | Diethylphthalate | 1.221 | 1.058 | 13.3 | 82 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.658 | 0.576 | 12.5 | 81 | 0.00 |
| 62 | | 4-Nitroaniline | 0.279 | 0.246 | 11.8 | 83 | 0.00 |
| 63 | | Azobenzene | 1.137 | 1.022 | 10.1 | 85 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 95 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.136 | 0.106 | 22.1 | 78 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.643 | 0.584 | 9.2 | 86 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.255 | 0.218 | 14.5 | 79 | 0.00 |
| 68 | | Hexachlorobenzene | 0.301 | 0.262 | 13.0 | 83 | 0.00 |
| 69 | | Atrazine | 0.205 | 0.188 | 8.3 | 87 | 0.00 |
| 70 | C | Pentachlorophenol | 0.150 | 0.122 | 18.7 | 75 | 0.00 |
| 71 | | Phenanthrene | 0.996 | 0.873 | 12.3 | 82 | 0.00 |
| 72 | | Anthracene | 1.013 | 0.893 | 11.8 | 83 | 0.00 |
| 73 | | Carbazole | 0.861 | 0.737 | 14.4 | 80 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.041 | 0.899 | 13.6 | 80 | 0.00 |
| 75 | C | Fluoranthene | 1.029 | 0.883 | 14.2 | 80 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 77 | | Benzidine | 0.592 | 0.668 | -12.8 | 107 | 0.00 |
| 78 | | Pyrene | 1.613 | 1.331 | 17.5 | 78 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.259 | 1.060 | 15.8 | 81 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.559 | 0.484 | 13.4 | 82 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.386 | 1.161 | 16.2 | 81 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.475 | 0.471 | 0.8 | 98 | 0.00 |
| 83 | | Chrysene | 1.280 | 1.106 | 13.6 | 79 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.765 | 0.667 | 12.8 | 82 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.320 | 1.160 | 12.1 | 82 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 103 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.436 | 1.221 | 15.0 | 85 | 0.02 |
| 88 | | Benzo(b)fluoranthene | 1.137 | 0.996 | 12.4 | 83 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.064 | 0.863 | 18.9 | 85 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.049 | 0.929 | 11.4 | 89 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.153 | 0.984 | 14.7 | 85 | 0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.139 | 0.992 | 12.9 | 86 | 0.01 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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 | 99 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 34.992 | 12.5 | 83 | -0.01 |
| 3 | | Pyridine | 40.000 | 32.541 | 18.6 | 78 | -0.04 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 36.224 | 9.4 | 89 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 70.243 | 12.2 | 84 | 0.00 |
| 6 | | Aniline | 40.000 | 37.159 | 7.1 | 92 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 69.484 | 13.1 | 85 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 35.096 | 12.3 | 85 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 45.337 | -13.3 | 112 | 0.00 |
| 10 | C | Phenol | 40.000 | 35.563 | 11.1 | 84 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 35.167 | 12.1 | 85 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 36.038 | 9.9 | 89 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 35.858 | 10.4 | 86 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 36.957 | 7.6 | 91 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 35.593 | 11.0 | 87 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.340 | 11.6 | 86 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 34.723 | 13.2 | 83 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 36.050 | 9.9 | 86 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 34.051 | 14.9 | 84 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 35.839 | 10.4 | 86 | -0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 101 | 0.00 |
| 22 | | Acetophenone | 40.000 | 36.061 | 9.8 | 90 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 68.601 | 14.2 | 83 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 34.763 | 13.1 | 85 | 0.00 |
| 25 | | Isophorone | 40.000 | 34.755 | 13.1 | 85 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 36.521 | 8.7 | 87 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.334 | 1.7 | 93 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 35.422 | 11.4 | 86 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 34.086 | 14.8 | 83 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 35.677 | 10.8 | 88 | 0.00 |
| 31 | | Naphthalene | 40.000 | 34.861 | 12.8 | 86 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 30.148 | 24.6 | 86 | -0.04 |
| 33 | | 4-Chloroaniline | 40.000 | 38.685 | 3.3 | 93 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 34.552 | 13.6 | 83 | 0.00 |
| 35 | | Caprolactam | 40.000 | 33.478 | 16.3 | 80 | -0.03 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 34.336 | 14.2 | 84 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 31.978 | 20.1 | 79 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 33.472 | 16.3 | 83 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 97 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 36.811 | 8.0 | 86 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 46.350 | -15.9 | 118 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 67.987 | 15.0 | 78 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 35.357 | 11.6 | 84 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 35.179 | 12.1 | 84 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 69.741 | 12.8 | 85 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 36.526 | 8.7 | 87 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 35.092 | 12.3 | 84 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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 | 35.641 | 10.9 | 82 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 39.818 | 0.5 | 95 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 35.076 | 12.3 | 83 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 36.758 | 8.1 | 86 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 33.702 | 15.7 | 81 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 35.372 | 11.6 | 80 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 28.732 | 28.2# | 80 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 35.602 | 11.0 | 84 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 30.929 | 22.7 | 78 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 35.994 | 10.0 | 81 | 0.00 |
| 58 | | Fluorene | 40.000 | 35.903 | 10.2 | 85 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 37.425 | 6.4 | 86 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 34.646 | 13.4 | 82 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 35.002 | 12.5 | 81 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 35.278 | 11.8 | 83 | 0.00 |
| 63 | | Azobenzene | 40.000 | 35.958 | 10.1 | 85 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 95 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 31.346 | 21.6 | 78 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 36.292 | 9.3 | 86 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 34.135 | 14.7 | 79 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 34.810 | 13.0 | 83 | 0.00 |
| 69 | | Atrazine | 40.000 | 36.790 | 8.0 | 87 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 32.706 | 18.2 | 75 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 35.049 | 12.4 | 82 | 0.00 |
| 72 | | Anthracene | 40.000 | 35.286 | 11.8 | 83 | 0.00 |
| 73 | | Carbazole | 40.000 | 34.224 | 14.4 | 80 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 34.535 | 13.7 | 80 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 34.338 | 14.2 | 80 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 100 | 0.00 |
| 77 | | Benzidine | 40.000 | 45.165 | -12.9 | 107 | 0.00 |
| 78 | | Pyrene | 40.000 | 33.011 | 17.5 | 78 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 67.318 | 15.9 | 81 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 34.633 | 13.4 | 82 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 33.489 | 16.3 | 81 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.612 | 1.0 | 98 | 0.00 |
| 83 | | Chrysene | 40.000 | 34.559 | 13.6 | 79 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 34.880 | 12.8 | 82 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 35.142 | 12.1 | 82 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 103 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 34.019 | 15.0 | 85 | 0.02 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 35.021 | 12.4 | 83 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 32.431 | 18.9 | 85 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 35.415 | 11.5 | 89 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 34.126 | 14.7 | 85 | 0.01 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 34.857 | 12.9 | 86 | 0.01 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_P Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID: RRF2.5 = BP026143.D RRF005 = BP026144.D RRF010 = BP026145.D
RRF020 = BP026146.D RRF040 = BP026147.D RRF050 = BP026148.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorophenol | | 1.193 | 1.249 | 1.277 | 1.245 | 1.255 | 1.246 | 2.1 |
| Benzaldehyde | | | 0.963 | 0.899 | 0.922 | 0.719 | 0.831 | 14.0 |
| Phenol-d6 | | 1.465 | 1.564 | 1.623 | 1.617 | 1.632 | 1.586 | 3.6 |
| Phenol | | 1.570 | 1.658 | 1.757 | 1.746 | 1.759 | 1.709 | 4.1 |
| bis(2-Chloroethyl)ether | | 1.252 | 1.334 | 1.368 | 1.361 | 1.363 | 1.338 | 3.0 |
| 2-Chlorophenol | | 1.318 | 1.398 | 1.438 | 1.431 | 1.452 | 1.418 | 3.4 |
| 2-Methylphenol | | 1.067 | 1.126 | 1.191 | 1.195 | 1.202 | 1.163 | 4.3 |
| 2,2-oxybis(1-Chloropropane) | | 1.769 | 1.841 | 1.961 | 1.914 | 1.924 | 1.879 | 3.4 |
| Acetophenone | | 0.497 | 0.521 | 0.530 | 0.507 | 0.504 | 0.508 | 2.6 |
| 3+4-Methylphenols | | | 1.530 | 1.656 | 1.624 | 1.648 | 1.612 | 2.8 |
| n-Nitroso-di-n-propylamine | 0.937 | 0.899 | 0.960 | 1.063 | 1.024 | 1.039 | 0.985 | 5.5 |
| Nitrobenzene-d5 | | 0.335 | 0.357 | 0.362 | 0.355 | 0.351 | 0.352 | 2.4 |
| Hexachloroethane | | 0.527 | 0.559 | 0.569 | 0.565 | 0.565 | 0.560 | 3.0 |
| Nitrobenzene | | 0.339 | 0.356 | 0.368 | 0.359 | 0.357 | 0.356 | 2.5 |
| Isophorone | | 0.655 | 0.693 | 0.736 | 0.710 | 0.710 | 0.698 | 3.6 |
| 2-Nitrophenol | | 0.152 | 0.164 | 0.182 | 0.189 | 0.189 | 0.180 | 8.9 |
| 2,4-Dimethylphenol | | 0.305 | 0.327 | 0.337 | 0.328 | 0.328 | 0.325 | 3.1 |
| bis(2-Chloroethoxy)methane | | 0.425 | 0.439 | 0.454 | 0.439 | 0.442 | 0.437 | 2.3 |
| 2,4-Dichlorophenol | | 0.298 | 0.322 | 0.335 | 0.331 | 0.330 | 0.325 | 3.8 |
| Naphthalene | | 1.080 | 1.114 | 1.115 | 1.073 | 1.073 | 1.081 | 2.3 |
| 4-Chloroaniline | | 0.429 | 0.461 | 0.479 | 0.472 | 0.463 | 0.460 | 3.5 |
| Hexachlorobutadiene | | 0.213 | 0.218 | 0.219 | 0.215 | 0.211 | 0.215 | 1.6 |
| Caprolactam | | | 0.113 | 0.123 | 0.117 | 0.118 | 0.116 | 3.4 |
| 4-Chloro-3-methylphenol | | 0.314 | 0.342 | 0.366 | 0.354 | 0.356 | 0.345 | 4.8 |
| 2-Methylnaphthalene | | 0.732 | 0.791 | 0.804 | 0.773 | 0.773 | 0.766 | 3.5 |
| Hexachlorocyclopentadiene | | | 0.347 | 0.382 | 0.396 | 0.396 | 0.396 | 7.8 |
| 2,4,6-Trichlorophenol | | 0.380 | 0.404 | 0.431 | 0.420 | 0.420 | 0.415 | 4.2 |
| 2-Fluorobiphenyl | | 1.430 | 1.442 | 1.453 | 1.337 | 1.317 | 1.365 | 5.7 |
| 2,4,5-Trichlorophenol | | 0.428 | 0.454 | 0.482 | 0.467 | 0.469 | 0.463 | 3.7 |
| 1,1-Biphenyl | | 1.499 | 1.540 | 1.580 | 1.489 | 1.469 | 1.506 | 2.8 |
| 2-Chloronaphthalene | | 1.167 | 1.215 | 1.217 | 1.169 | 1.164 | 1.184 | 2.0 |
| 2-Nitroaniline | | 0.289 | 0.310 | 0.345 | 0.338 | 0.336 | 0.329 | 6.6 |
| Dimethylphthalate | | 1.470 | 1.517 | 1.573 | 1.494 | 1.470 | 1.494 | 2.7 |
| Acenaphthylene | | 1.890 | 1.987 | 2.051 | 1.947 | 1.943 | 1.953 | 2.7 |

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_P Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID: RRF2.5 = BP026143.D RRF005 = BP026144.D RRF010 = BP026145.D
RRF020 = BP026146.D RRF040 = BP026147.D RRF050 = BP026148.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| 2,6-Dinitrotoluene | | 0.235 | 0.267 | 0.310 | 0.315 | 0.312 | 0.296 | 10.9 |
| 3-Nitroaniline | | 0.286 | 0.330 | 0.368 | 0.362 | 0.364 | 0.349 | 8.7 |
| Acenaphthene | | 1.139 | 1.182 | 1.180 | 1.138 | 1.141 | 1.145 | 2.9 |
| 2,4-Dinitrophenol | | | 0.124 | 0.174 | 0.186 | 0.187 | 0.179 | 16.3 |
| 4-Nitrophenol | | | 0.290 | 0.331 | 0.316 | 0.314 | 0.315 | 4.5 |
| Dibenzofuran | | 1.779 | 1.832 | 1.880 | 1.765 | 1.763 | 1.773 | 4.0 |
| 2,4-Dinitrotoluene | | 0.362 | 0.407 | 0.469 | 0.467 | 0.464 | 0.442 | 9.4 |
| Diethylphthalate | | 1.493 | 1.507 | 1.592 | 1.522 | 1.493 | 1.505 | 2.9 |
| 4-Chlorophenyl-phenylether | | 0.718 | 0.717 | 0.741 | 0.693 | 0.691 | 0.697 | 4.5 |
| Fluorene | | 1.447 | 1.490 | 1.500 | 1.380 | 1.374 | 1.401 | 5.9 |
| 4-Nitroaniline | | 0.313 | 0.359 | 0.394 | 0.365 | 0.368 | 0.362 | 6.9 |
| 4,6-Dinitro-2-methylphenol | | | 0.099 | 0.123 | 0.134 | 0.132 | 0.127 | 11.8 |
| n-Nitrosodiphenylamine | | 0.598 | 0.640 | 0.641 | 0.624 | 0.610 | 0.619 | 2.7 |
| 2,4,6-Tribromophenol | | 0.241 | 0.253 | 0.273 | 0.264 | 0.262 | 0.259 | 3.9 |
| 4-Bromophenyl-phenylether | | 0.208 | 0.219 | 0.223 | 0.229 | 0.221 | 0.221 | 3.3 |
| Hexachlorobenzene | | 0.243 | 0.260 | 0.260 | 0.265 | 0.255 | 0.257 | 2.9 |
| Atrazine | | 0.217 | 0.232 | 0.247 | 0.238 | 0.233 | 0.233 | 3.9 |
| Pentachlorophenol | | | 0.170 | 0.179 | 0.183 | 0.179 | 0.180 | 3.3 |
| Phenanthrene | | 1.128 | 1.179 | 1.179 | 1.122 | 1.102 | 1.127 | 3.4 |
| Anthracene | | 1.122 | 1.194 | 1.198 | 1.171 | 1.122 | 1.149 | 3.3 |
| Carbazole | | 1.083 | 1.178 | 1.151 | 1.105 | 1.045 | 1.091 | 5.1 |
| Di-n-butylphthalate | | 1.219 | 1.290 | 1.372 | 1.358 | 1.304 | 1.294 | 4.6 |
| Fluoranthene | | 1.383 | 1.464 | 1.452 | 1.369 | 1.308 | 1.369 | 5.1 |
| Pyrene | | 1.266 | 1.318 | 1.375 | 1.331 | 1.309 | 1.311 | 2.7 |
| Terphenyl-d14 | | 1.024 | 1.037 | 1.061 | 0.990 | 0.971 | 0.981 | 7.1 |
| Butylbenzylphthalate | | 0.546 | 0.552 | 0.612 | 0.603 | 0.588 | 0.578 | 4.6 |
| 3,3-Dichlorobenzidine | | | 0.513 | 0.526 | 0.500 | 0.492 | 0.500 | 3.6 |
| Benzo(a)anthracene | | 1.373 | 1.401 | 1.437 | 1.376 | 1.349 | 1.374 | 2.6 |
| Chrysene | | 1.298 | 1.336 | 1.341 | 1.284 | 1.266 | 1.295 | 2.5 |
| Bis(2-ethylhexyl)phthalate | | 0.842 | 0.825 | 0.918 | 0.933 | 0.876 | 0.874 | 5.5 |
| Di-n-octyl phthalate | | | 1.414 | 1.572 | 1.581 | 1.553 | 1.529 | 4.6 |
| Benzo(b)fluoranthene | | 1.190 | 1.226 | 1.271 | 1.237 | 1.222 | 1.218 | 2.6 |
| Benzo(k)fluoranthene | | 1.206 | 1.228 | 1.275 | 1.213 | 1.213 | 1.217 | 2.4 |
| Benzo(a)pyrene | | 1.121 | 1.153 | 1.198 | 1.168 | 1.147 | 1.154 | 2.1 |
| Indeno(1,2,3-cd)pyrene | | 1.442 | 1.484 | 1.538 | 1.511 | 1.483 | 1.500 | 2.2 |

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_P Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID: RRF2.5 = BP026143.D RRF005 = BP026144.D RRF010 = BP026145.D
RRF020 = BP026146.D RRF040 = BP026147.D RRF050 = BP026148.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Dibenzo(a,h)anthracene | | 1.177 | 1.220 | 1.274 | 1.237 | 1.209 | 1.228 | 2.5 |
| Benzo(g,h,i)perylene | | 1.175 | 1.230 | 1.253 | 1.223 | 1.185 | 1.220 | 2.4 |
| 1,2,4,5-Tetrachlorobenzene | | 0.607 | 0.610 | 0.613 | 0.597 | 0.594 | 0.605 | 1.2 |
| 1,4-Dioxane | | 0.507 | 0.520 | 0.524 | 0.487 | 0.502 | 0.505 | 2.6 |
| 2,3,4,6-Tetrachlorophenol | | 0.361 | 0.391 | 0.409 | 0.400 | 0.397 | 0.393 | 3.8 |

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP0261
50.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ---------- | ISTD | ---------- | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.507 | 0.520 | 0.524 | 0.487 | 0.502 | 0.505 | 0.494 | 0.505 | 2.61 |
| 3) | | Pyridine | | 1.401 | 1.459 | 1.510 | 1.445 | 1.485 | 1.466 | 1.458 | 1.461 | 2.32 |
| 4) | | n-Nitrosodimet... | | | 0.535 | 0.560 | 0.540 | 0.552 | 0.549 | 0.540 | 0.546 | 1.75 |
| 5) | S | 2-Fluorophenol | | 1.193 | 1.249 | 1.277 | 1.245 | 1.255 | 1.258 | 1.245 | 1.246 | 2.08 |
| 6) | | Aniline | | 1.953 | 2.050 | 2.154 | 2.122 | 2.138 | 2.127 | 2.117 | 2.094 | 3.36 |
| 7) | S | Phenol-d6 | | 1.465 | 1.564 | 1.623 | 1.617 | 1.632 | 1.606 | 1.596 | 1.586 | 3.64 |
| 8) | | 2-Chlorophenol | | 1.318 | 1.398 | 1.438 | 1.431 | 1.452 | 1.439 | 1.453 | 1.418 | 3.37 |
| 9) | | Benzaldehyde | | | 0.963 | 0.899 | 0.922 | 0.719 | 0.812 | 0.673 | 0.831 | 14.04 |
| 10) | C | Phenol | | 1.570 | 1.658 | 1.757 | 1.746 | 1.759 | 1.742 | 1.729 | 1.709 | 4.12 |
| 11) | | bis(2-Chloroet... | | 1.252 | 1.334 | 1.368 | 1.361 | 1.363 | 1.338 | 1.350 | 1.338 | 3.00 |
| 12) | | 1,3-Dichlorobe... | | 1.511 | 1.526 | 1.570 | 1.525 | 1.528 | 1.518 | 1.518 | 1.528 | 1.28 |
| 13) | C | 1,4-Dichlorobe... | | 1.495 | 1.547 | 1.589 | 1.540 | 1.546 | 1.532 | 1.530 | 1.540 | 1.81 |
| 14) | | 1,2-Dichlorobe... | | 1.453 | 1.482 | 1.521 | 1.479 | 1.480 | 1.470 | 1.464 | 1.479 | 1.46 |
| 15) | | Benzyl Alcohol | | | 1.074 | 1.181 | 1.187 | 1.194 | 1.164 | 1.173 | 1.162 | 3.82 |
| 16) | | 2,2'-oxybis(1-... | | 1.769 | 1.841 | 1.961 | 1.914 | 1.924 | 1.852 | 1.892 | 1.879 | 3.40 |
| 17) | | 2-Methylphenol | | 1.067 | 1.126 | 1.191 | 1.195 | 1.202 | 1.180 | 1.182 | 1.163 | 4.25 |
| 18) | | Hexachloroethane | | 0.527 | 0.559 | 0.569 | 0.565 | 0.565 | 0.557 | 0.581 | 0.560 | 2.99 |
| 19) | P | n-Nitroso-di-n... | 0.937 | 0.899 | 0.960 | 1.063 | 1.024 | 1.039 | 0.975 | 0.986 | 0.985 | 5.53 |
| 20) | | 3+4-Methylphenols | | | 1.530 | 1.656 | 1.624 | 1.648 | 1.601 | 1.613 | 1.612 | 2.82 |
| 21) | I | Naphthalene-d8 | ---------- | ISTD | ---------- | | | | | | | |
| 22) | | Acetophenone | | 0.497 | 0.521 | 0.530 | 0.507 | 0.504 | 0.507 | 0.493 | 0.508 | 2.58 |
| 23) | S | Nitrobenzene-d5 | | 0.335 | 0.357 | 0.362 | 0.355 | 0.351 | 0.355 | 0.349 | 0.352 | 2.39 |
| 24) | | Nitrobenzene | | 0.339 | 0.356 | 0.368 | 0.359 | 0.357 | 0.360 | 0.354 | 0.356 | 2.50 |
| 25) | | Isophorone | | 0.655 | 0.693 | 0.736 | 0.710 | 0.710 | 0.686 | 0.697 | 0.698 | 3.57 |
| 26) | C | 2-Nitrophenol | | 0.152 | 0.164 | 0.182 | 0.189 | 0.189 | 0.192 | 0.193 | 0.180 | 8.87 |
| 27) | | 2,4-Dimethylph... | | 0.305 | 0.327 | 0.337 | 0.328 | 0.328 | 0.327 | 0.323 | 0.325 | 3.06 |
| 28) | | bis(2-Chloroet... | | 0.425 | 0.439 | 0.454 | 0.439 | 0.442 | 0.426 | 0.436 | 0.437 | 2.28 |
| 29) | C | 2,4-Dichloroph... | | 0.298 | 0.322 | 0.335 | 0.331 | 0.330 | 0.330 | 0.328 | 0.325 | 3.81 |
| 30) | | 1,2,4-Trichlor... | | 0.331 | 0.337 | 0.337 | 0.330 | 0.325 | 0.328 | 0.328 | 0.331 | 1.36 |
| 31) | | Naphthalene | | 1.080 | 1.114 | 1.115 | 1.073 | 1.073 | 1.059 | 1.052 | 1.081 | 2.30 |
| 32) | | Benzoic acid | | | 0.209 | 0.268 | 0.276 | 0.276 | 0.329 | 0.285 | 0.274 | 14.03 |
| 33) | | 4-Chloroaniline | | 0.429 | 0.461 | 0.479 | 0.472 | 0.463 | 0.458 | 0.457 | 0.460 | 3.45 |
| 34) | C | Hexachlorobuta... | | 0.213 | 0.218 | 0.219 | 0.215 | 0.211 | 0.212 | 0.219 | 0.215 | 1.65 |
| 35) | | Caprolactam | | | 0.113 | 0.123 | 0.117 | 0.118 | 0.114 | 0.113 | 0.116 | 3.36 |
| 36) | C | 4-Chloro-3-met... | | 0.314 | 0.342 | 0.366 | 0.354 | 0.356 | 0.344 | 0.342 | 0.345 | 4.75 |
| 37) | | 2-Methylnaphth... | | 0.732 | 0.791 | 0.804 | 0.773 | 0.773 | 0.746 | 0.744 | 0.766 | 3.47 |
| 38) | | 1-Methylnaphth... | | 0.735 | 0.767 | 0.785 | 0.763 | 0.746 | 0.729 | 0.719 | 0.749 | 3.17 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.607 | 0.610 | 0.613 | 0.597 | 0.594 | 0.610 | 0.603 | 0.605 | 1.19 |
| 41) | P | Hexachlorocycl... | | 0.347 | 0.382 | 0.396 | 0.396 | 0.418 | 0.436 | 0.396 | 7.76 |
| 42) | S | 2,4,6-Tribromo... | 0.241 | 0.253 | 0.273 | 0.264 | 0.262 | 0.260 | 0.262 | 0.259 | 3.87 |
| 43) | C | 2,4,6-Trichlor... | 0.380 | 0.404 | 0.431 | 0.420 | 0.420 | 0.426 | 0.420 | 0.415 | 4.21 |
| 44) | | 2,4,5-Trichlor... | 0.428 | 0.454 | 0.482 | 0.467 | 0.469 | 0.473 | 0.468 | 0.463 | 3.72 |
| 45) | S | 2-Fluorobiphenyl | 1.430 | 1.442 | 1.453 | 1.337 | 1.317 | 1.325 | 1.249 | 1.365 | 5.68 |
| 46) | | 1,1'-Biphenyl | 1.499 | 1.540 | 1.580 | 1.489 | 1.469 | 1.504 | 1.460 | 1.506 | 2.78 |
| 47) | | 2-Chloronaphth... | 1.167 | 1.215 | 1.217 | 1.169 | 1.164 | 1.195 | 1.162 | 1.184 | 2.04 |
| 48) | | 2-Nitroaniline | 0.289 | 0.310 | 0.345 | 0.338 | 0.336 | 0.349 | 0.339 | 0.329 | 6.58 |
| 49) | | Acenaphthylene | 1.890 | 1.987 | 2.051 | 1.947 | 1.943 | 1.951 | 1.906 | 1.953 | 2.74 |
| 50) | | Dimethylphthalate | 1.470 | 1.517 | 1.573 | 1.494 | 1.470 | 1.470 | 1.462 | 1.494 | 2.66 |
| 51) | | 2,6-Dinitrotol... | 0.235 | 0.267 | 0.310 | 0.315 | 0.312 | 0.313 | 0.319 | 0.296 | 10.85 |
| 52) | C | Acenaphthene | 1.139 | 1.182 | 1.180 | 1.138 | 1.141 | 1.153 | 1.081 | 1.145 | 2.95 |
| 53) | | 3-Nitroaniline | 0.286 | 0.330 | 0.368 | 0.362 | 0.364 | 0.368 | 0.362 | 0.349 | 8.74 |
| 54) | P | 2,4-Dinitrophenol | | 0.124 | 0.174 | 0.186 | 0.187 | 0.194 | 0.208 | 0.179 | 16.32 |
| 55) | | Dibenzofuran | 1.779 | 1.832 | 1.880 | 1.765 | 1.763 | 1.738 | 1.654 | 1.773 | 4.02 |
| 56) | P | 4-Nitrophenol | | 0.290 | 0.331 | 0.316 | 0.314 | 0.324 | 0.317 | 0.315 | 4.47 |
| 57) | | 2,4-Dinitrotol... | 0.362 | 0.407 | 0.469 | 0.467 | 0.464 | 0.465 | 0.459 | 0.442 | 9.40 |
| 58) | | Fluorene | 1.447 | 1.490 | 1.500 | 1.380 | 1.374 | 1.351 | 1.267 | 1.401 | 5.94 |
| 59) | | 2,3,4,6-Tetrac... | 0.361 | 0.391 | 0.409 | 0.400 | 0.397 | 0.396 | 0.394 | 0.393 | 3.80 |
| 60) | | Diethylphthalate | 1.493 | 1.507 | 1.592 | 1.522 | 1.493 | 1.462 | 1.465 | 1.505 | 2.92 |
| 61) | | 4-Chlorophenyl... | 0.718 | 0.717 | 0.741 | 0.693 | 0.691 | 0.673 | 0.648 | 0.697 | 4.47 |
| 62) | | 4-Nitroaniline | 0.313 | 0.359 | 0.394 | 0.365 | 0.368 | 0.376 | 0.358 | 0.362 | 6.90 |
| 63) | | Azobenzene | 1.200 | 1.276 | 1.346 | 1.290 | 1.279 | 1.252 | 1.240 | 1.269 | 3.58 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.099 | 0.123 | 0.134 | 0.132 | 0.134 | 0.141 | 0.127 | 11.84 |
| 66) | c | n-Nitrosodiphe... | 0.598 | 0.640 | 0.641 | 0.624 | 0.610 | 0.609 | 0.610 | 0.619 | 2.70 |
| 67) | | 4-Bromophenyl-... | 0.208 | 0.219 | 0.223 | 0.229 | 0.221 | 0.221 | 0.229 | 0.221 | 3.29 |
| 68) | | Hexachlorobenzene | 0.243 | 0.260 | 0.260 | 0.265 | 0.255 | 0.254 | 0.263 | 0.257 | 2.91 |
| 69) | | Atrazine | 0.217 | 0.232 | 0.247 | 0.238 | 0.233 | 0.229 | 0.237 | 0.233 | 3.94 |
| 70) | C | Pentachlorophenol | | 0.170 | 0.179 | 0.183 | 0.179 | 0.180 | 0.187 | 0.180 | 3.30 |
| 71) | | Phenanthrene | 1.128 | 1.179 | 1.179 | 1.122 | 1.102 | 1.089 | 1.087 | 1.127 | 3.43 |
| 72) | | Anthracene | 1.122 | 1.194 | 1.198 | 1.171 | 1.122 | 1.134 | 1.102 | 1.149 | 3.33 |
| 73) | | Carbazole | 1.083 | 1.178 | 1.151 | 1.105 | 1.045 | 1.050 | 1.030 | 1.091 | 5.15 |
| 74) | | Di-n-butylphth... | 1.219 | 1.290 | 1.372 | 1.358 | 1.304 | 1.223 | 1.290 | 1.294 | 4.57 |
| 75) | C | Fluoranthene | 1.383 | 1.464 | 1.452 | 1.369 | 1.308 | 1.319 | 1.287 | 1.369 | 5.09 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.727 | 0.733 | 0.616 | 0.631 | 0.594 | 0.508 | 0.635 | 13.43 |
| 78) | | Pyrene | 1.266 | 1.318 | 1.375 | 1.331 | 1.309 | 1.302 | 1.277 | 1.311 | 2.75 |
| 79) | S | Terphenyl-d14 | 1.024 | 1.037 | 1.061 | 0.990 | 0.971 | 0.918 | 0.866 | 0.981 | 7.08 |
| 80) | | Butylbenzylpht... | 0.546 | 0.552 | 0.612 | 0.603 | 0.588 | 0.555 | 0.587 | 0.578 | 4.60 |
| 81) | | Benzo(a)anthra... | 1.373 | 1.401 | 1.437 | 1.376 | 1.349 | 1.350 | 1.328 | 1.374 | 2.65 |
| 82) | | 3,3'-Dichlorob... | | 0.513 | 0.526 | 0.500 | 0.492 | 0.491 | 0.475 | 0.500 | 3.61 |
| 83) | | Chrysene | 1.298 | 1.336 | 1.341 | 1.284 | 1.266 | 1.279 | 1.257 | 1.295 | 2.54 |
| 84) | | Bis(2-ethylhex... | 0.842 | 0.825 | 0.918 | 0.933 | 0.876 | 0.814 | 0.911 | 0.874 | 5.48 |
| 85) | c | Di-n-octyl pht... | | 1.414 | 1.572 | 1.581 | 1.553 | 1.467 | 1.584 | 1.529 | 4.64 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.442 | 1.484 | 1.538 | 1.511 | 1.483 | 1.531 | 1.511 | 1.500 | 2.21 |
| 88) | | Benzo(b)fluora... | 1.190 | 1.226 | 1.271 | 1.237 | 1.222 | 1.200 | 1.180 | 1.218 | 2.57 |
| 89) | | Benzo(k)fluora... | 1.206 | 1.228 | 1.275 | 1.213 | 1.213 | 1.192 | 1.189 | 1.217 | 2.38 |
| 90) | C | Benzo(a)pyrene | 1.121 | 1.153 | 1.198 | 1.168 | 1.147 | 1.146 | 1.142 | 1.154 | 2.10 |
| 91) | | Dibenzo(a,h)an... | 1.177 | 1.220 | 1.274 | 1.237 | 1.209 | 1.245 | 1.232 | 1.228 | 2.48 |
| 92) | | Benzo(g,h,i)pe... | 1.175 | 1.230 | 1.253 | 1.223 | 1.185 | 1.244 | 1.234 | 1.220 | 2.41 |

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.655 | 152 | 296435 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.431 | 136 | 1184362 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 759057 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1539519 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1732194 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.918 | 264 | 1973418 | 20.000 | ng | 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 0.000 | 112 | 0d | 0.000 | ng | |
| 7) Phenol-d6 | 0.000 | 99 | 0d | 0.000 | ng | |
| 23) Nitrobenzene-d5 | 0.000 | 82 | 0d | 0.000 | ng | |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | |
| 45) 2-Fluorobiphenyl | 0.000 | 172 | 0d | 0.000 | ng | |
| 79) Terphenyl-d14 | 0.000 | 244 | 0d | 0.000 | ng | |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 8.449 | 70 | 34712 | 2.457 | ng | 96 |

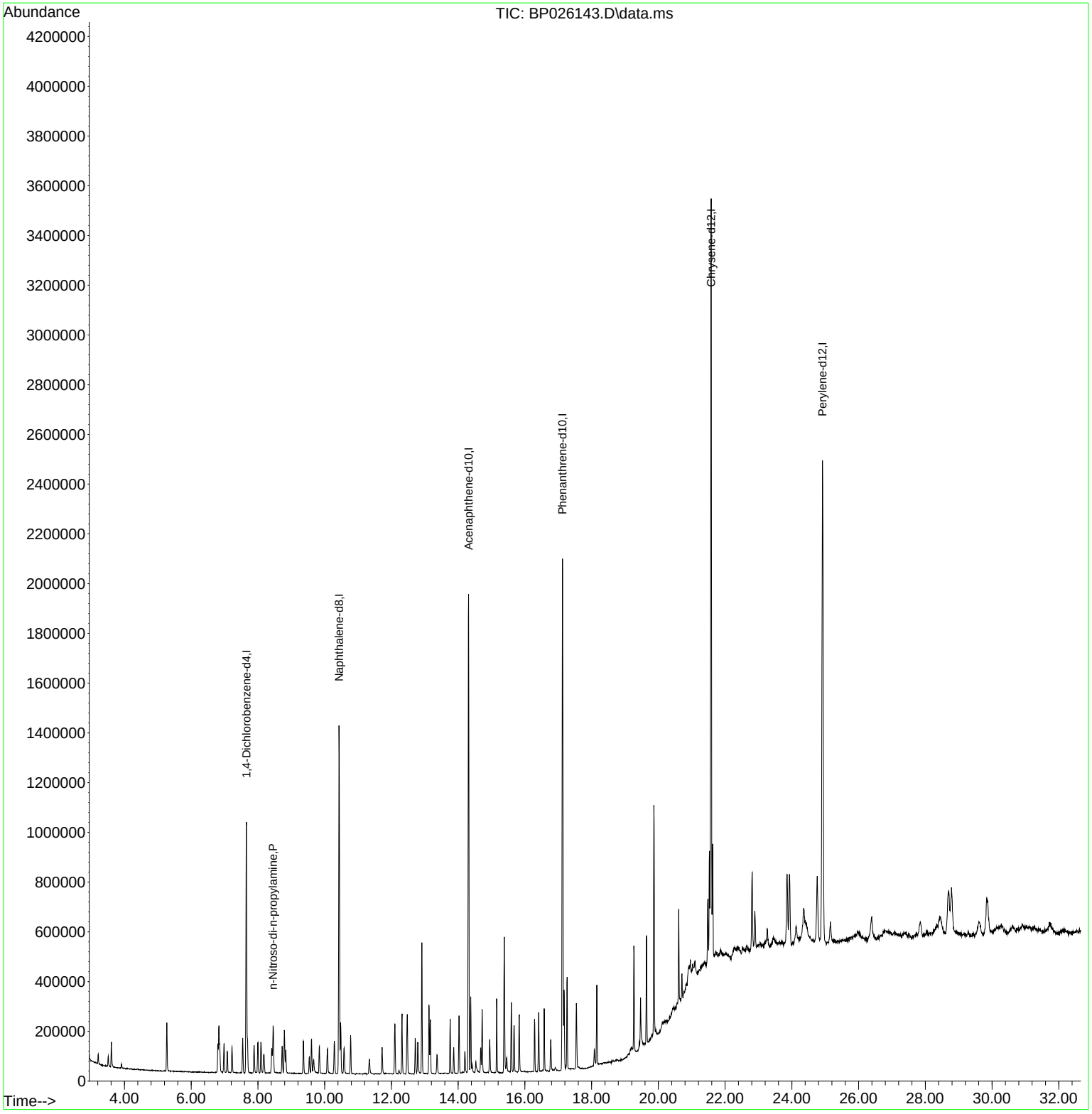
(#) = qualifier out of range (m) = manual integration (+) = signals summed

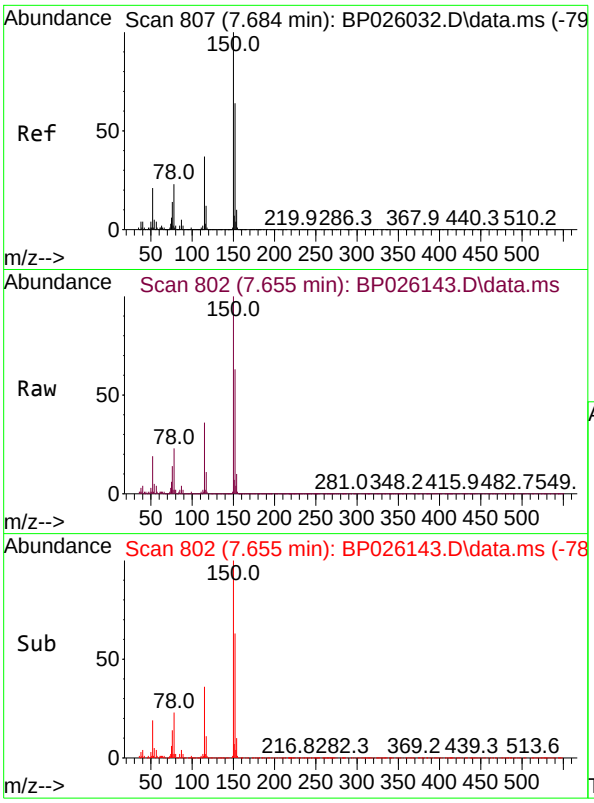
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



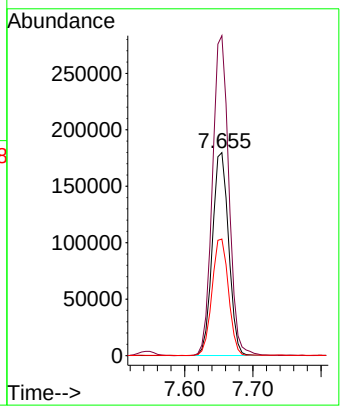


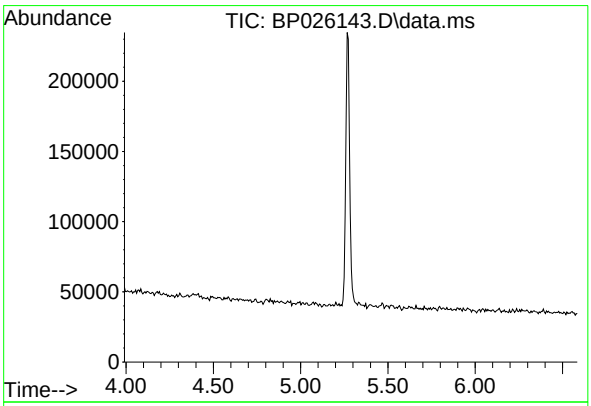

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:152 Resp: 296435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.7 | 123.0 | 184.6 |
| 115 | 57.5 | 46.3 | 69.5 |



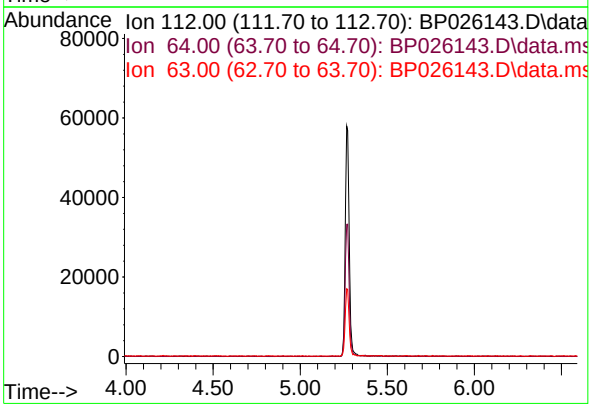



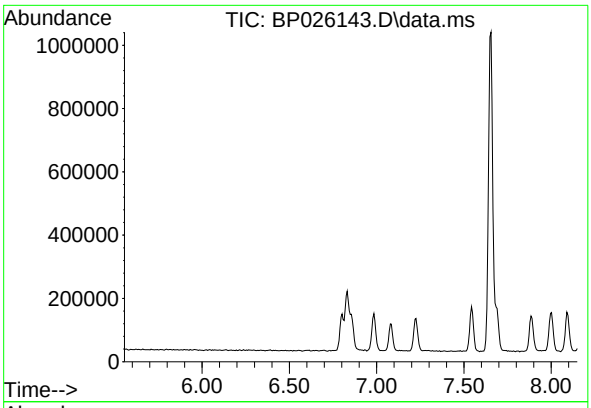

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.29 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 57.2 |
| 63 | 29.4 |





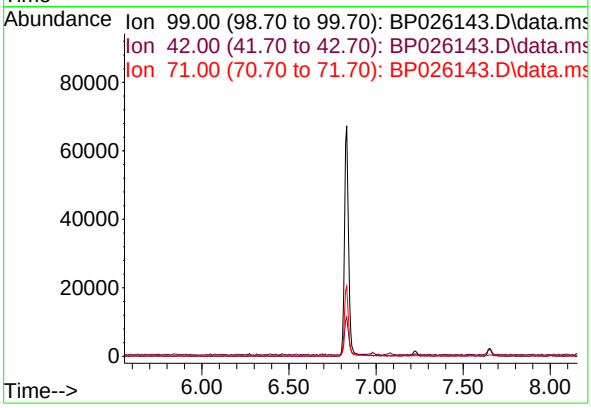

#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.85 min

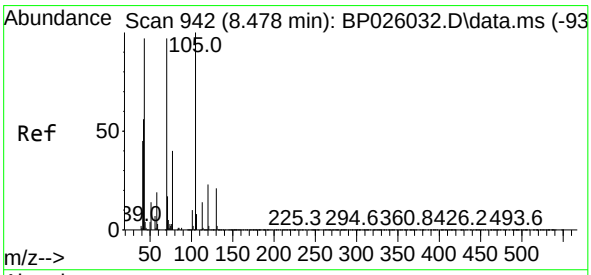
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 99

| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 16.1 |
| 71 | 31.0 |

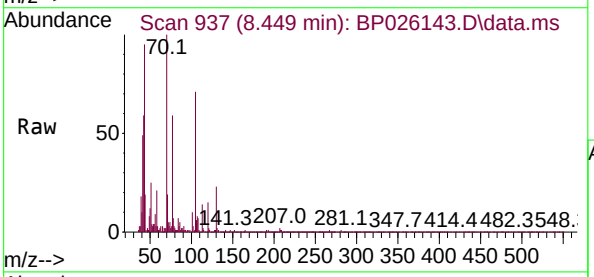


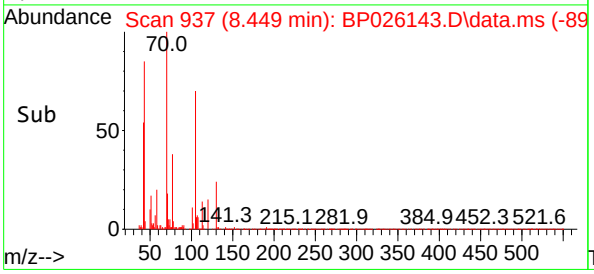



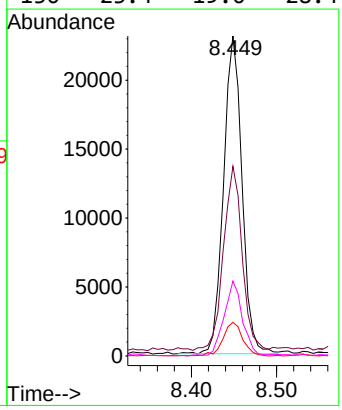

#19
n-Nitroso-di-n-propylamine
Concen: 2.457 ng
RT: 8.449 min Scan# 937
Delta R.T. -0.023 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

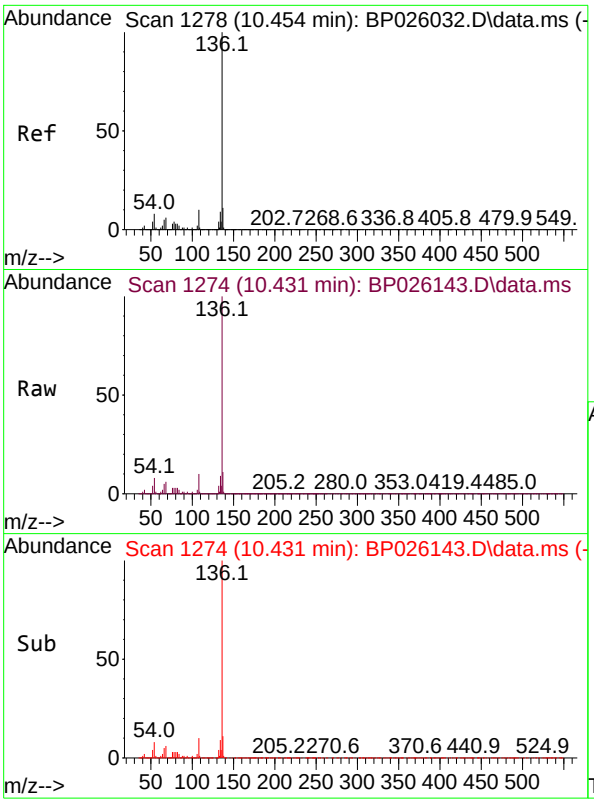
Tgt Ion: 70 Resp: 34712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.2 | 44.1 | 66.1 |
| 101 | 10.5 | 8.2 | 12.4 |
| 130 | 23.4 | 19.0 | 28.4 |



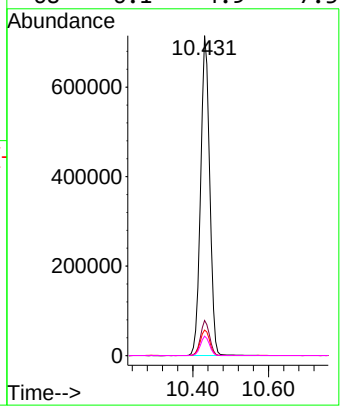


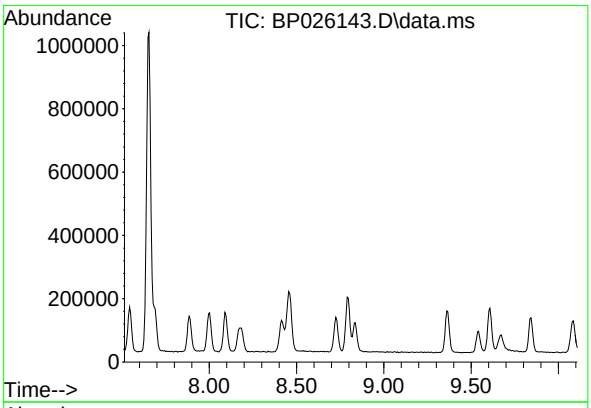

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:136 Resp: 1184362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.0 | 6.4 | 9.6 |
| 68 | 6.1 | 4.9 | 7.3 |



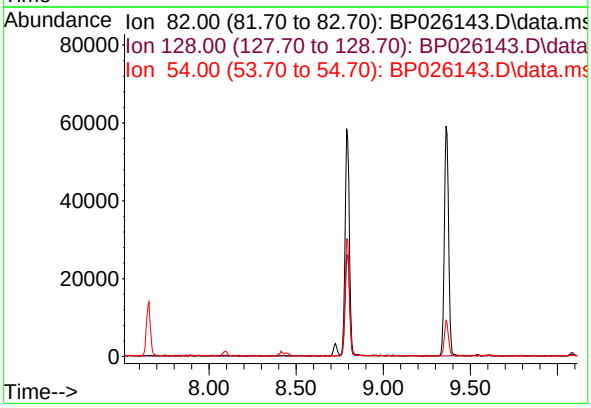



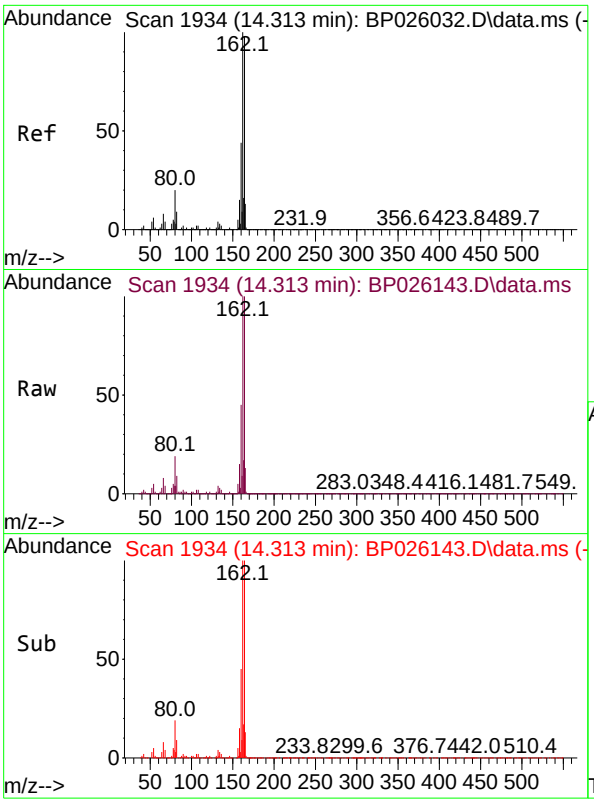

#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.81 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 46.7 |
| 54 | 52.0 |



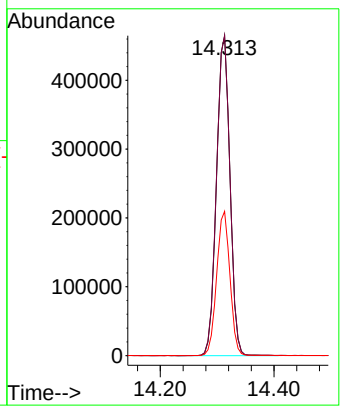


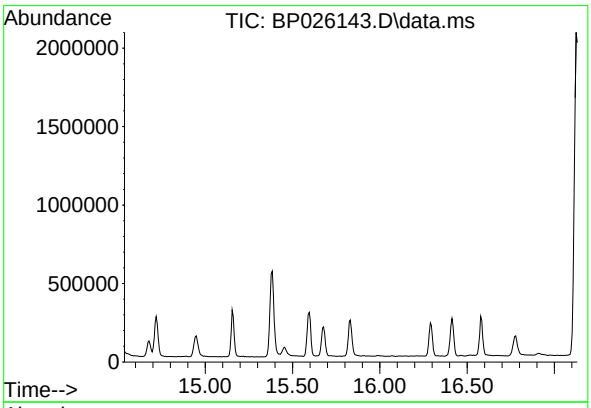

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:164 Resp: 759057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 80.3 | 120.5 |
| 160 | 45.1 | 35.2 | 52.8 |



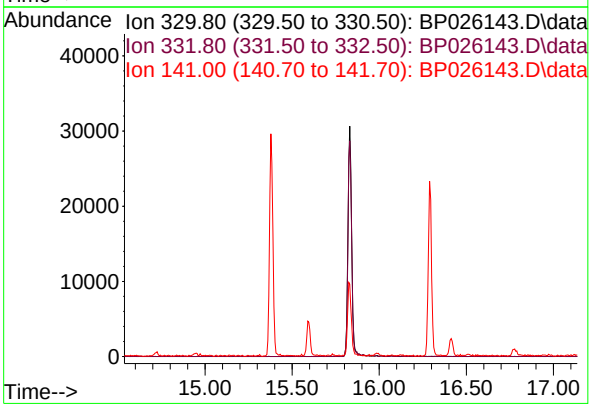



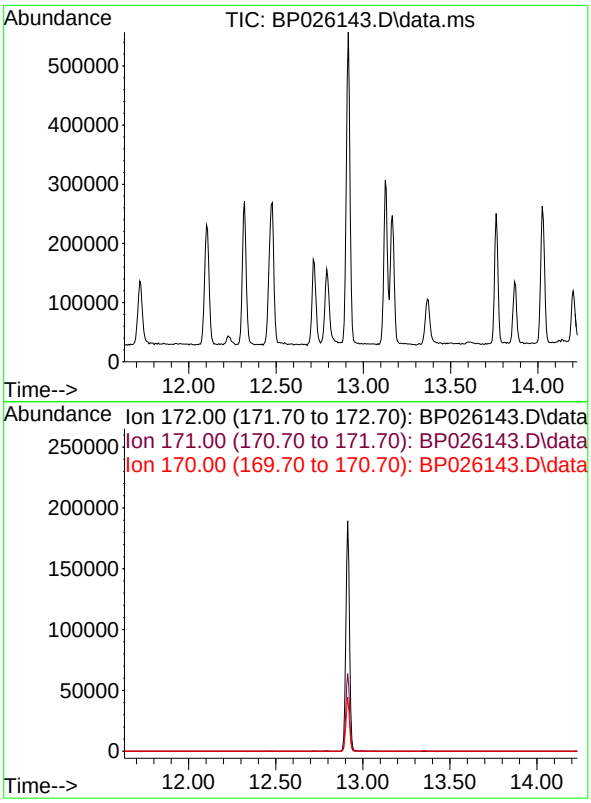

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.84 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 97.5 |
| 141 | 33.5 |





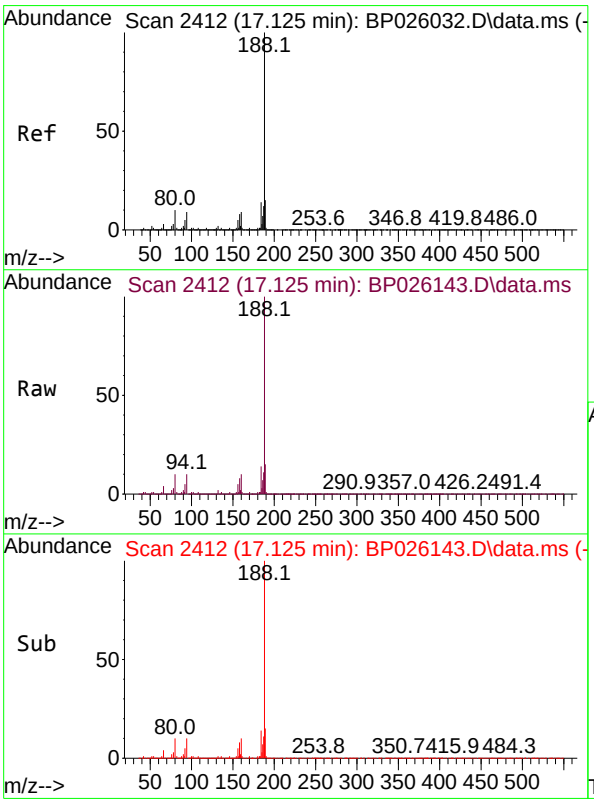

#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 172

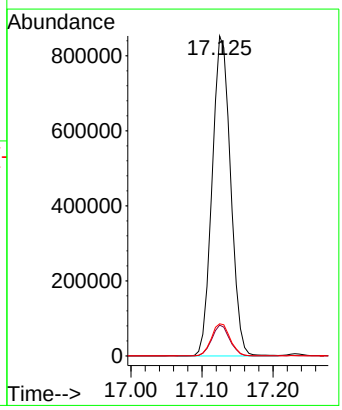
| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 35.3 |
| 170 | 23.4 |

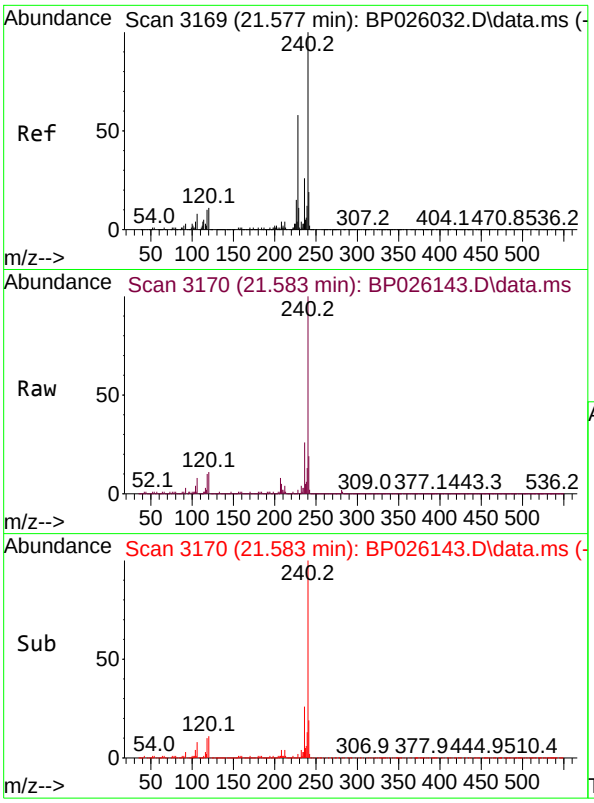



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion:188 Resp: 1539519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 7.8 | 11.6 |
| 80 | 10.0 | 8.2 | 12.2 |



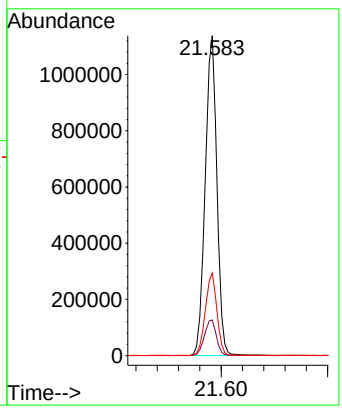


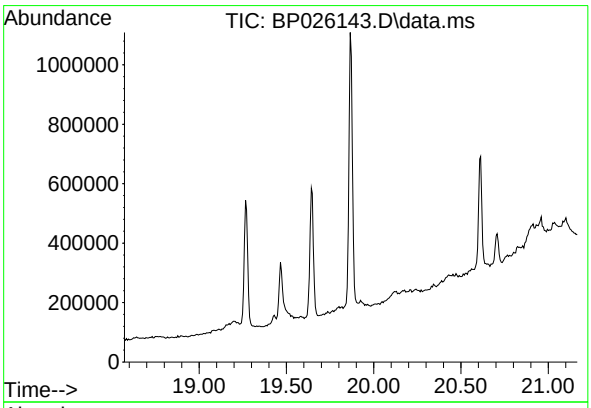

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:240 Resp: 1732194

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



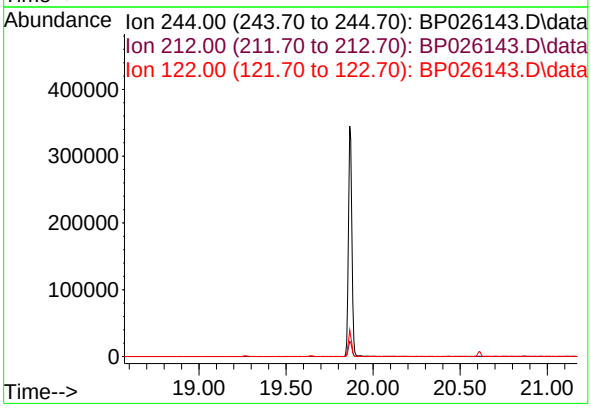



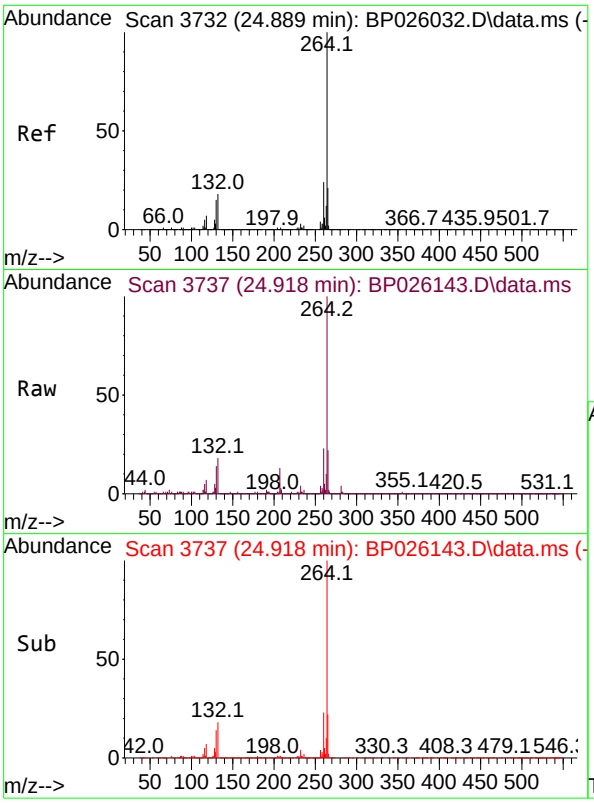

#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.87 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 7.3 |
| 122 | 10.2 |



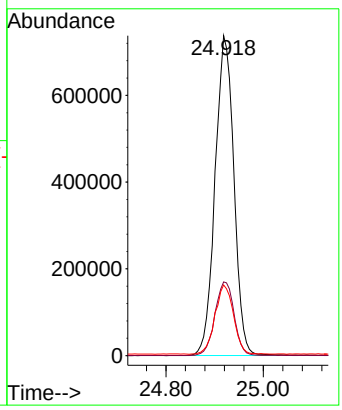



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:264 Resp: 1973418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.7 | 28.1 |
| 265 | 22.1 | 17.5 | 26.3 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 261259 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.437 | 136 | 1023584 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 643620 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 1346698 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1560462 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.918 | 264 | 1801943 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 155849 | 9.842 | ng | | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 191404 | 9.528 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.807 | 82 | 171702 | 10.379 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 77590 | 11.005 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 460038 | 10.313 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.872 | 244 | 798858 | 10.439 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 33093 | 4.981 | ng | | 96 |
| 3) Pyridine | 3.620 | 79 | 91499 | 4.844 | ng | | 97 |
| 6) Aniline | 7.002 | 93 | 127562 | 4.764 | ng | | 98 |
| 8) 2-Chlorophenol | 7.243 | 128 | 86099 | 4.908 | ng | | 99 |
| 10) Phenol | 6.872 | 94 | 102514 | 4.615 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.096 | 93 | 81759 | 4.649 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 98674 | 4.925 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 97655 | 4.815 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 94897 | 4.899 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.190 | 45 | 115566 | 4.387 | ng | | 95 |
| 17) 2-Methylphenol | 8.108 | 107 | 69679 | 4.771 | ng | | 97 |
| 18) Hexachloroethane | 8.743 | 117 | 34390 | 4.908 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.466 | 70 | 58743 | 4.718 | ng | | 99 |
| 22) Acetophenone | 8.478 | 105 | 127156 | 4.927 | ng | # | 99 |
| 24) Nitrobenzene | 8.849 | 77 | 86731 | 5.006 | ng | | 99 |
| 25) Isophorone | 9.378 | 82 | 167606 | 4.787 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 38871 | 6.573 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 78015 | 5.220 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.849 | 93 | 108845 | 4.925 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 76304 | 4.893 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 84591 | 5.002 | ng | | 94 |
| 31) Naphthalene | 10.484 | 128 | 276491 | 4.976 | ng | | 99 |
| 33) 4-Chloroaniline | 10.590 | 127 | 109680 | 5.080 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 54446 | 5.030 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 80314 | 4.924 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 187351 | 4.822 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.337 | 142 | 187981 | 4.977 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.478 | 216 | 97644 | 4.903 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 61137 | 5.131 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 12.796 | 196 | 68937 | 5.093 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.131 | 154 | 241240 | 4.917 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.166 | 162 | 187850 | 4.870 | ng | | 99 |
| 48) 2-Nitroaniline | 13.378 | 65 | 46485 | 5.239 | ng | | 90 |
| 49) Acenaphthylene | 14.031 | 152 | 304102 | 5.334 | ng | | 99 |
| 50) Dimethylphthalate | 13.766 | 163 | 236591 | 5.077 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.872 | 165 | 37885 | 4.835 | ng | | 91 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

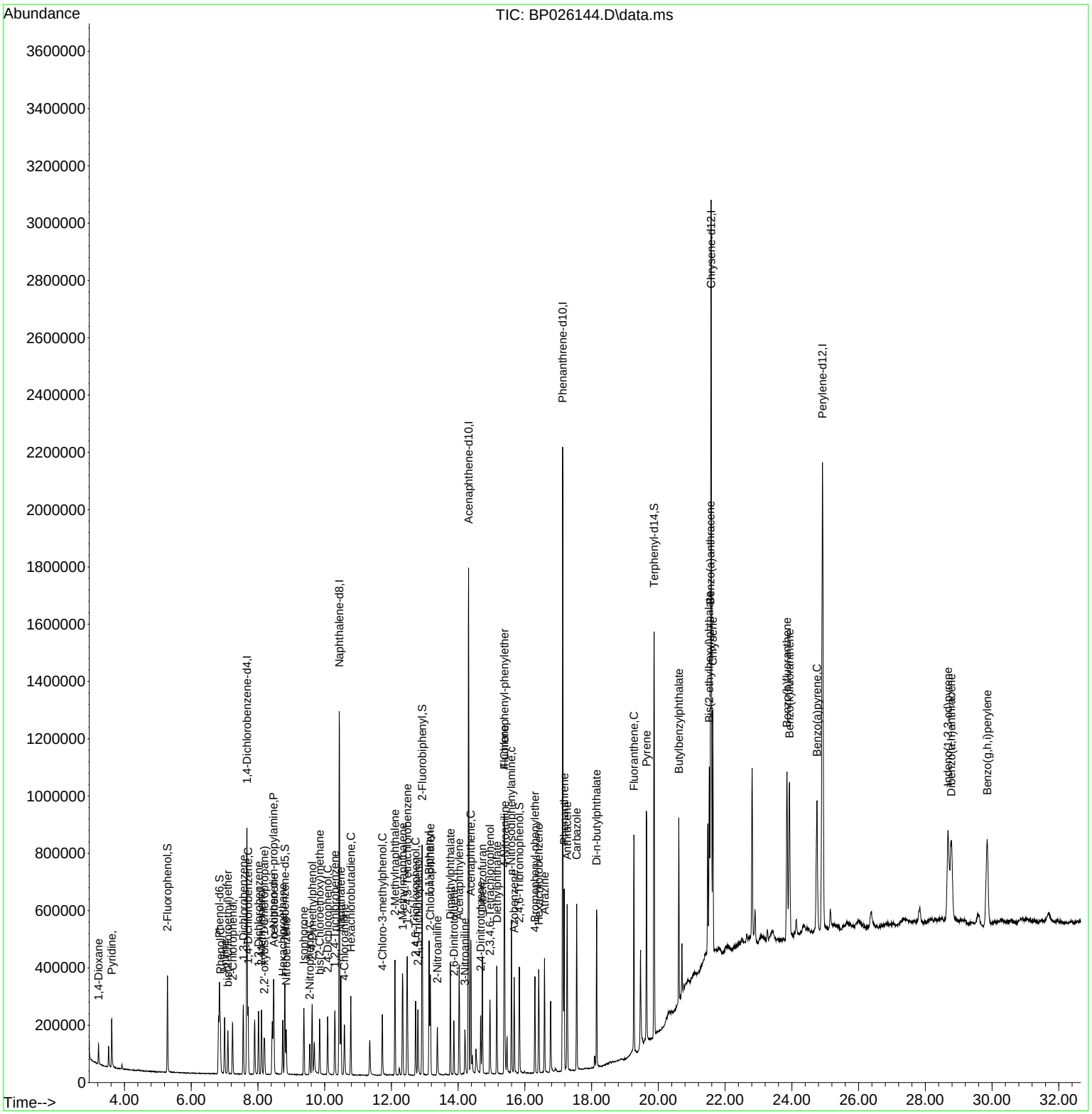
| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 52) | Acenaphthene | 14.378 | 154 | 183221 | 4.803 | ng | | 98 |
| 53) | 3-Nitroaniline | 14.201 | 138 | 46080 | 4.861 | ng | # | 97 |
| 55) | Dibenzofuran | 14.725 | 168 | 286273 | 4.928 | ng | | 99 |
| 57) | 2,4-Dinitrotoluene | 14.678 | 165 | 58186 | 5.089 | ng | | 97 |
| 58) | Fluorene | 15.384 | 166 | 232855 | 5.102 | ng | | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 58158 | 5.425 | ng | | 99 |
| 60) | Diethylphthalate | 15.160 | 149 | 240172 | 5.123 | ng | | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 15.384 | 204 | 115474 | 5.076 | ng | | 97 |
| 62) | 4-Nitroaniline | 15.395 | 138 | 50292 | 5.003 | ng | | 97 |
| 63) | Azobenzene | 15.678 | 77 | 193050 | 4.580 | ng | | 99 |
| 66) | n-Nitrosodiphenylamine | 15.595 | 169 | 201167 | 4.795 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.301 | 248 | 69962 | 4.680 | ng | | 98 |
| 68) | Hexachlorobenzene | 16.413 | 284 | 81728 | 4.805 | ng | | 97 |
| 69) | Atrazine | 16.589 | 200 | 73147 | 5.086 | ng | | 99 |
| 71) | Phenanthrene | 17.178 | 178 | 379854 | 4.882 | ng | | 100 |
| 72) | Anthracene | 17.266 | 178 | 377623 | 4.865 | ng | | 99 |
| 73) | Carbazole | 17.554 | 167 | 364556 | 4.990 | ng | | 100 |
| 74) | Di-n-butylphthalate | 18.148 | 149 | 410422 | 4.968 | ng | | 100 |
| 75) | Fluoranthene | 19.266 | 202 | 465623 | 5.107 | ng | | 100 |
| 78) | Pyrene | 19.642 | 202 | 493981 | 4.740 | ng | | 100 |
| 80) | Butylbenzylphthalate | 20.613 | 149 | 212828 | 6.092 | ng | | 100 |
| 81) | Benzo(a)anthracene | 21.560 | 228 | 535793 | 5.028 | ng | | 99 |
| 83) | Chrysene | 21.630 | 228 | 506265 | 5.012 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 328471 | 5.749 | ng | | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.677 | 276 | 649473 | 4.913 | ng | | 99 |
| 88) | Benzo(b)fluoranthene | 23.854 | 252 | 535938 | 4.848 | ng | | 100 |
| 89) | Benzo(k)fluoranthene | 23.930 | 252 | 543312 | 4.807 | ng | | 99 |
| 90) | Benzo(a)pyrene | 24.754 | 252 | 504836 | 4.939 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.777 | 278 | 530340 | 4.920 | ng | | 99 |
| 92) | Benzo(g,h,i)perylene | 29.853 | 276 | 529220 | 5.083 | ng | | 99 |

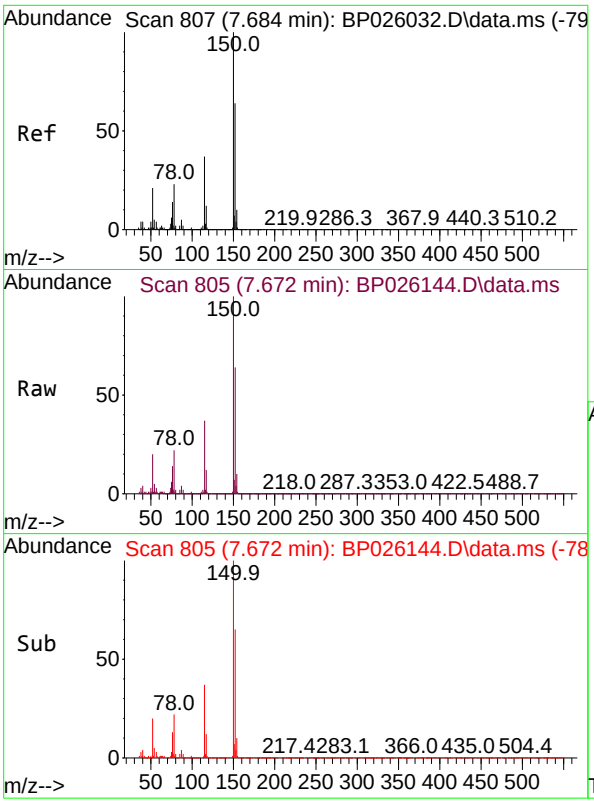
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



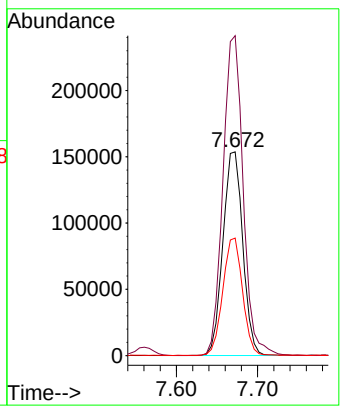


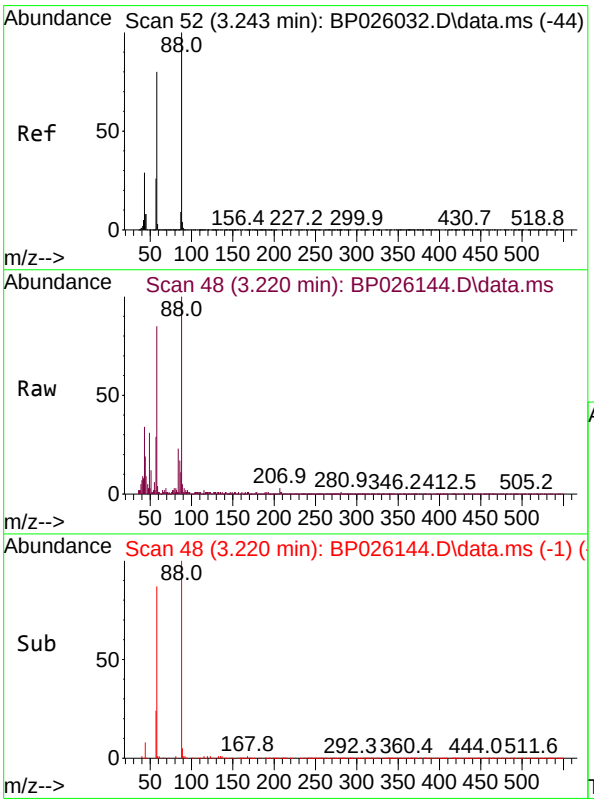

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:152 Resp: 261259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 123.0 | 184.6 |
| 115 | 57.7 | 46.3 | 69.5 |

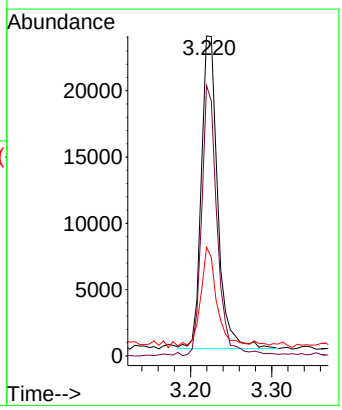


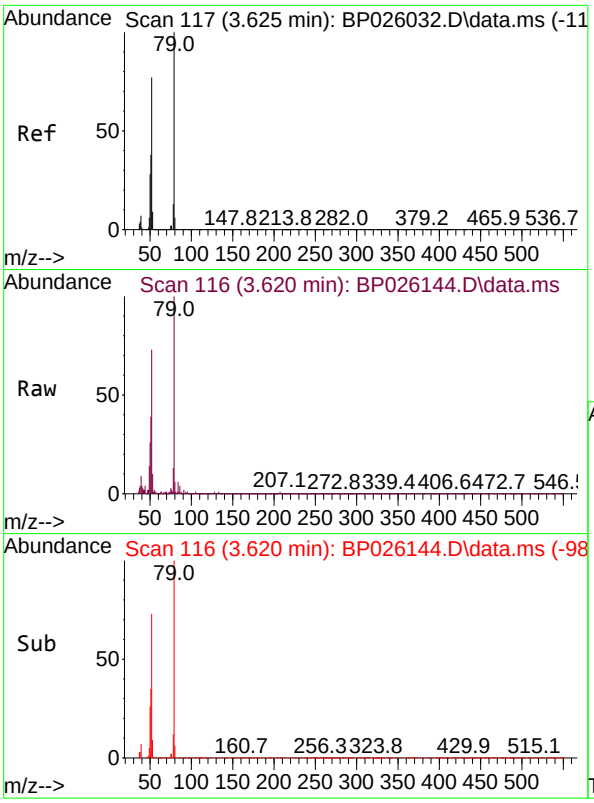




#2
1,4-Dioxane
Concen: 4.981 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 88 Resp: 33093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 82.3 | 64.2 | 96.4 |
| 43 | 30.9 | 21.5 | 32.3 |



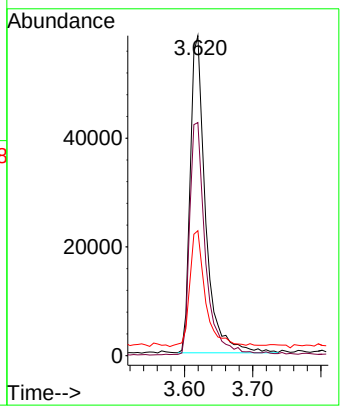


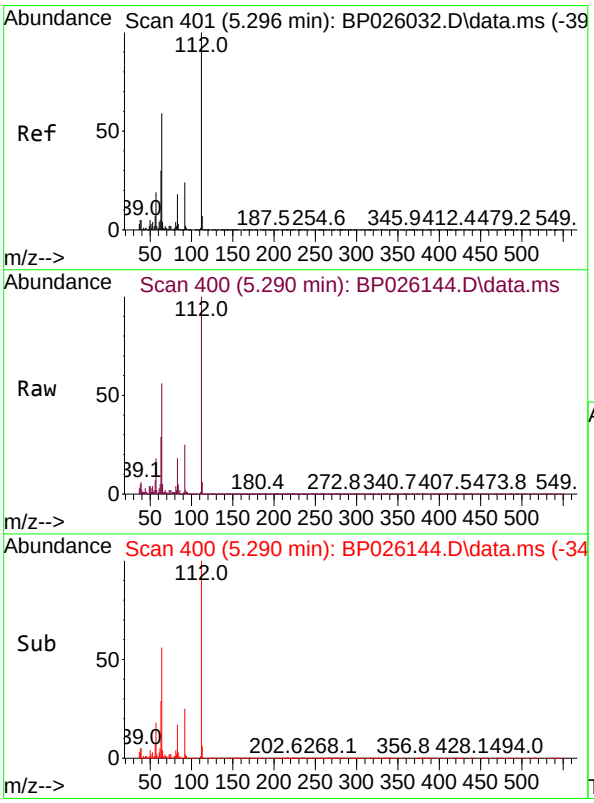

#3
Pyridine
Concen: 4.844 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 79 Resp: 91499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 72.8 | 60.2 | 90.2 |
| 51 | 39.0 | 29.5 | 44.3 |

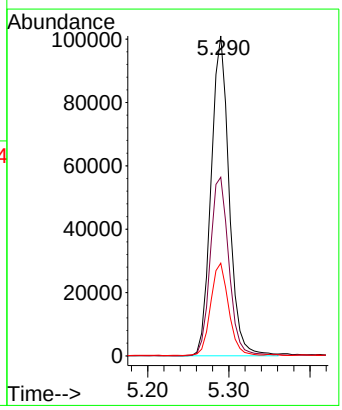


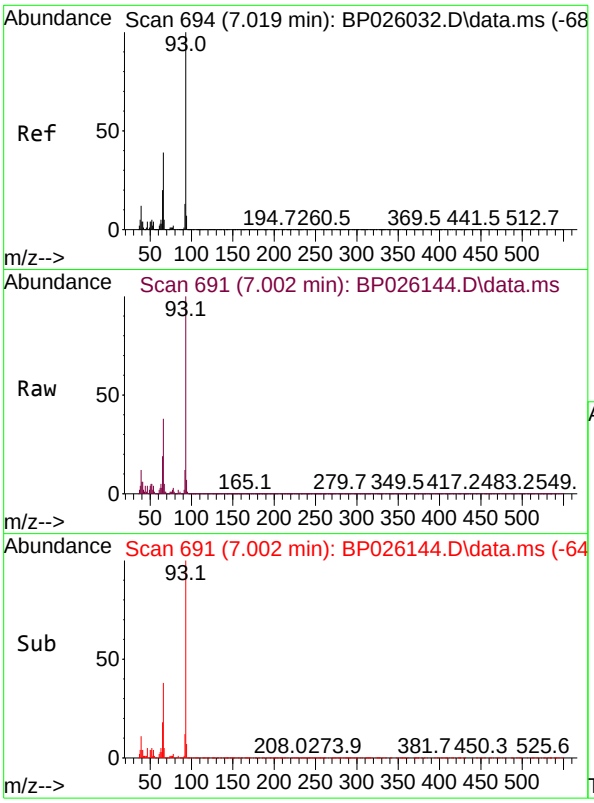




#5
2-Fluorophenol
Concen: 9.842 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:112 Resp: 155849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.8 | 45.8 | 68.6 |
| 63 | 29.0 | 23.5 | 35.3 |



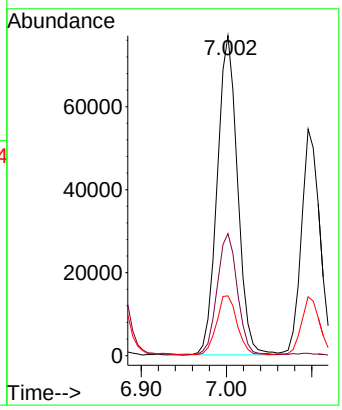


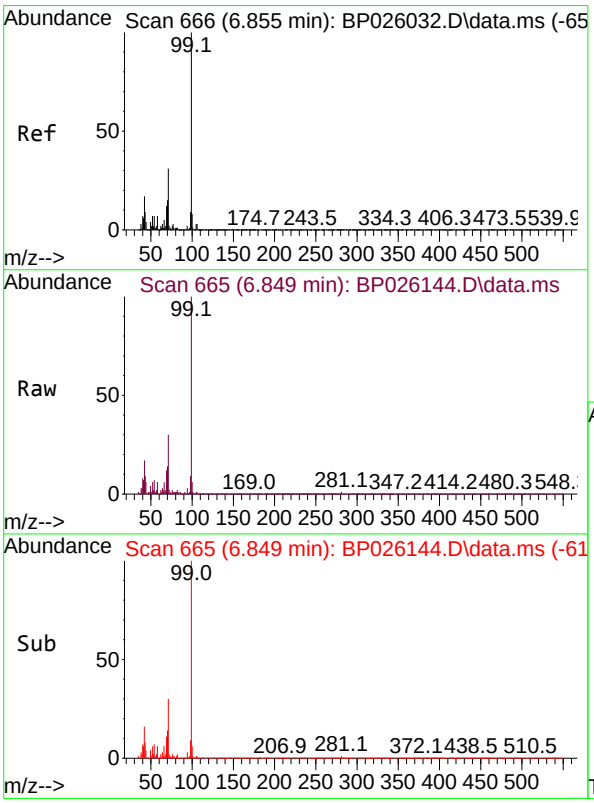

#6
Aniline
Concen: 4.764 ng
RT: 7.002 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 93 Resp: 127562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.1 | 31.7 | 47.5 |
| 65 | 18.7 | 15.8 | 23.6 |

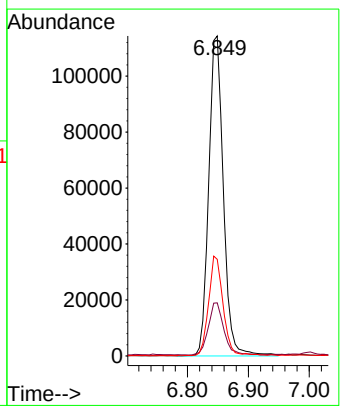


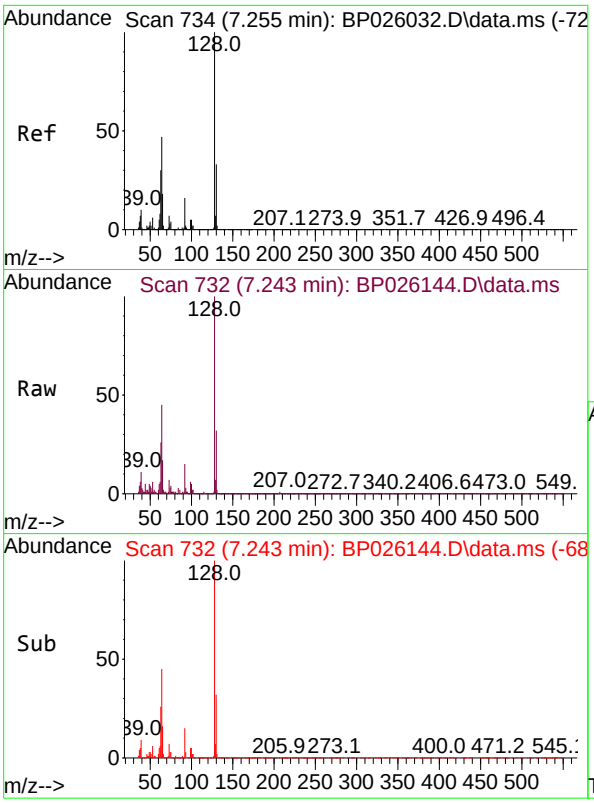




#7
Phenol-d6
Concen: 9.528 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 99 Resp: 191404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.6 | 12.9 | 19.3 |
| 71 | 30.2 | 24.8 | 37.2 |



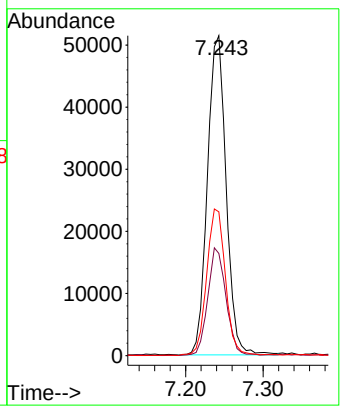


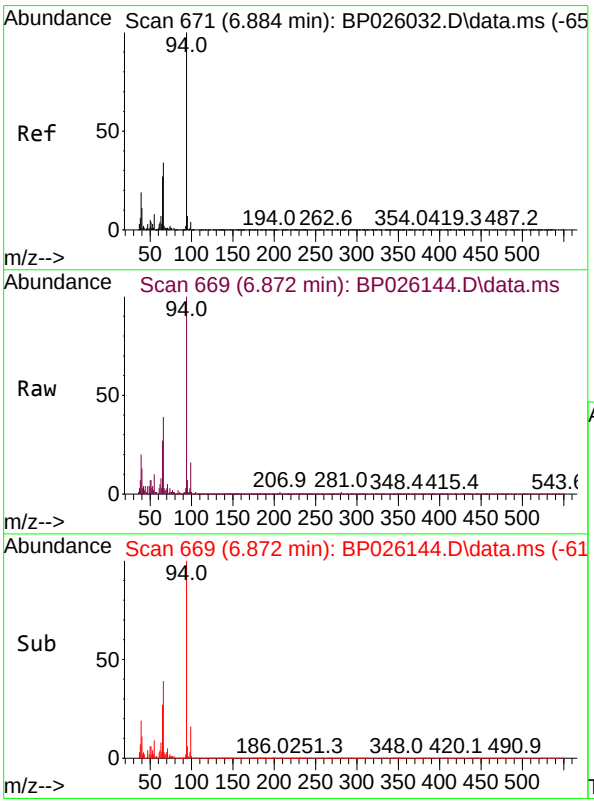

#8
2-Chlorophenol
Concen: 4.908 ng
RT: 7.243 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:128 Resp: 86099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.9 | 12.4 | 52.4 |
| 64 | 44.9 | 23.9 | 63.9 |

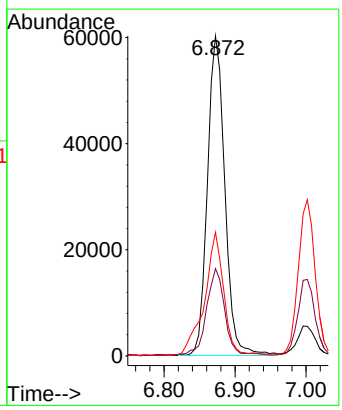


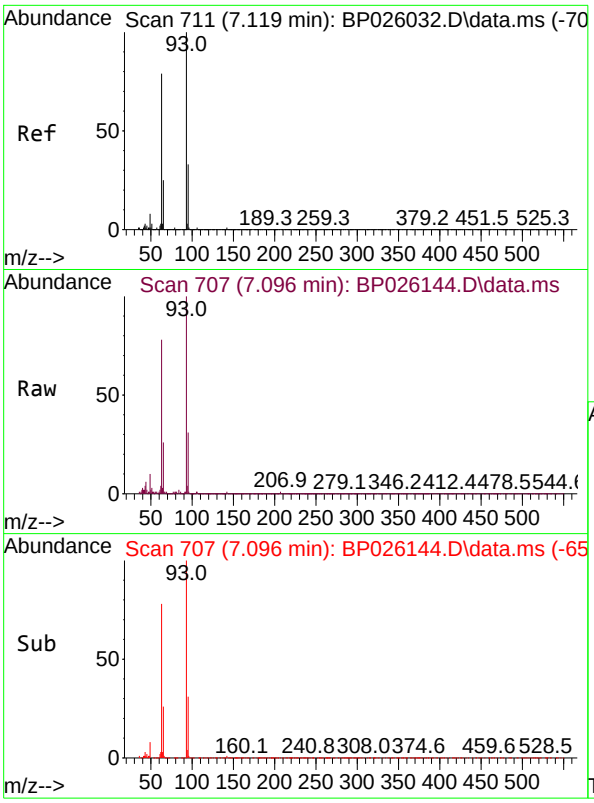




#10
Phenol
Concen: 4.615 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 94 Resp: 102514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.3 | 7.0 | 47.0 |
| 66 | 38.6 | 14.5 | 54.5 |



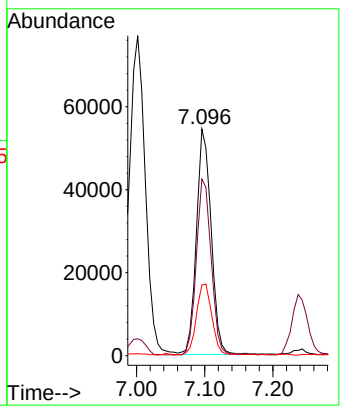


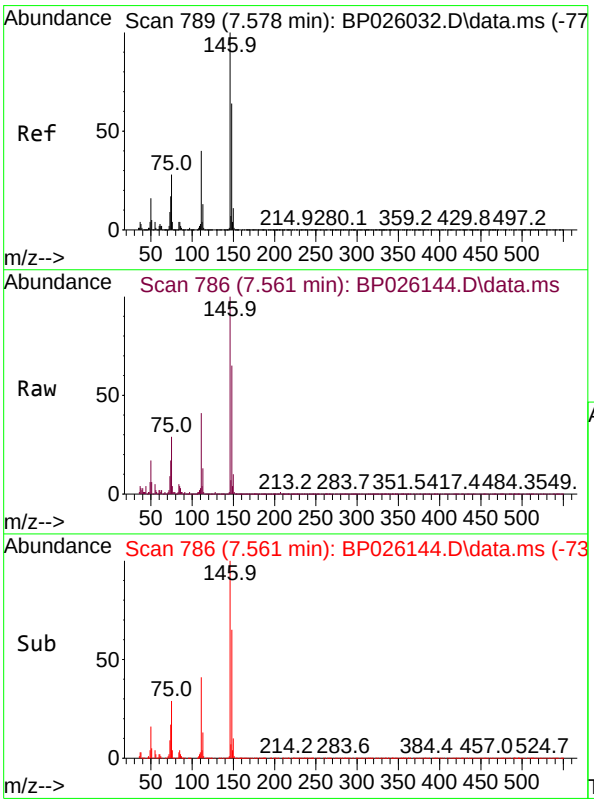

#11
bis(2-Chloroethyl)ether
Concen: 4.649 ng
RT: 7.096 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 93 Resp: 81759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.9 | 58.8 | 98.8 |
| 95 | 31.1 | 12.1 | 52.1 |

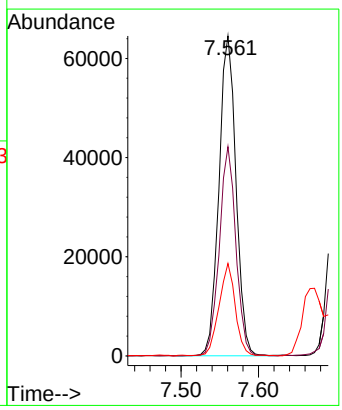


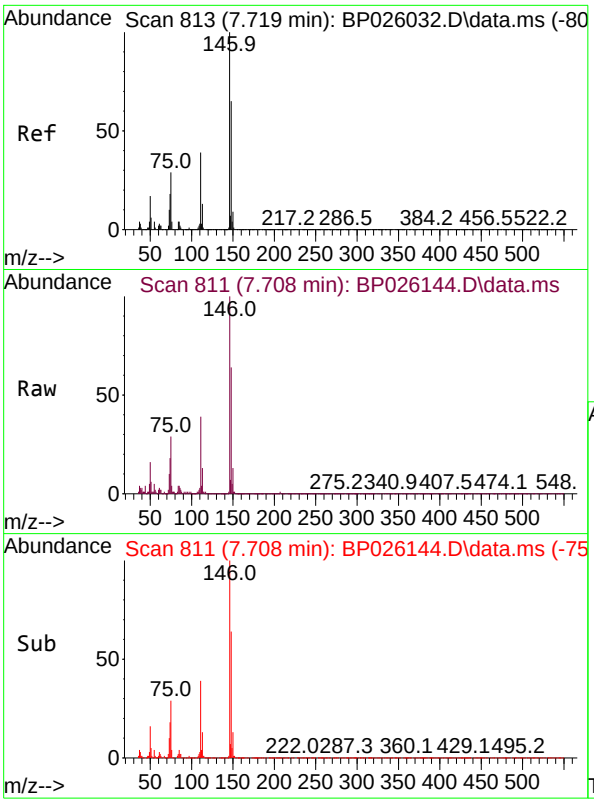




#12
1,3-Dichlorobenzene
Concen: 4.925 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:146 Resp: 98674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 51.8 | 77.8 |
| 75 | 28.9 | 22.2 | 33.2 |



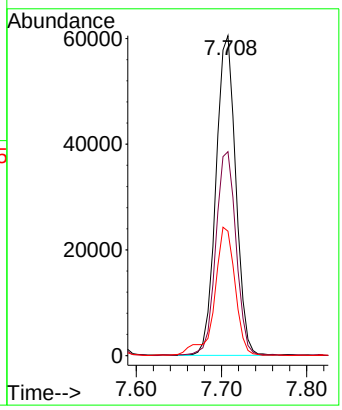


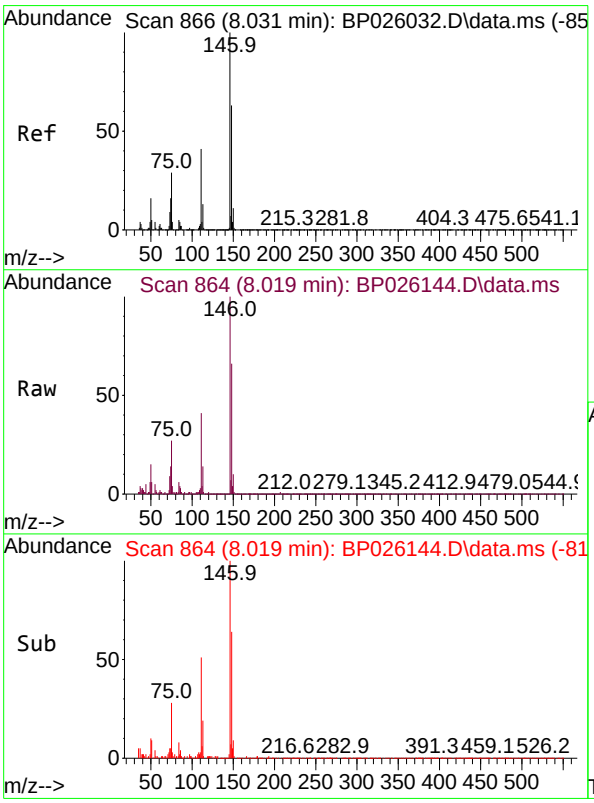

#13
1,4-Dichlorobenzene
Concen: 4.815 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:146 Resp: 97655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.4 | 77.2 |
| 111 | 38.9 | 31.7 | 47.5 |

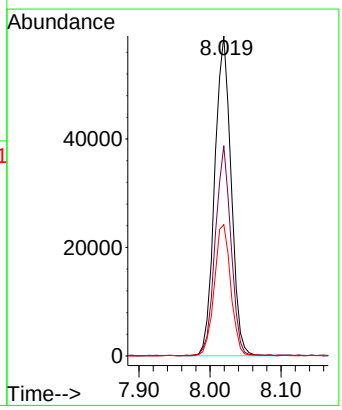


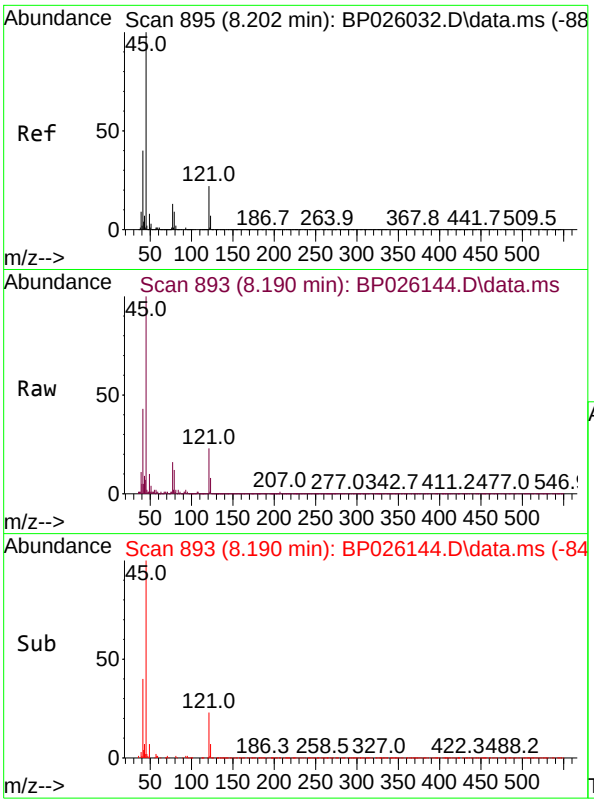




#14
1,2-Dichlorobenzene
Concen: 4.899 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:146 Resp: 94897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 51.0 | 76.6 |
| 111 | 41.0 | 33.0 | 49.4 |



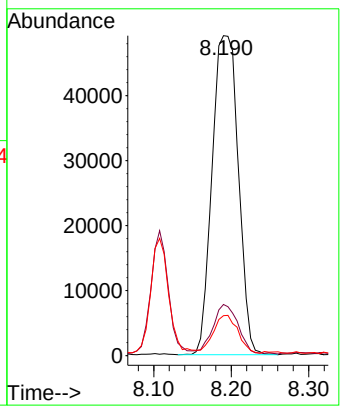


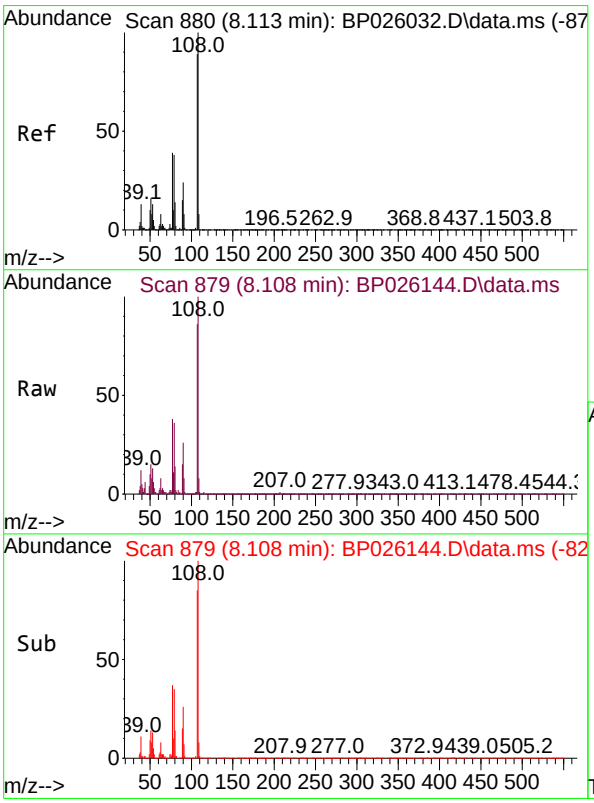

#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.387 ng
RT: 8.190 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 45 Resp: 115566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.0 | 0.0 | 33.9 |
| 79 | 12.5 | 0.0 | 30.4 |

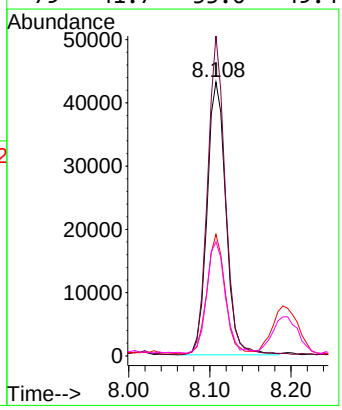


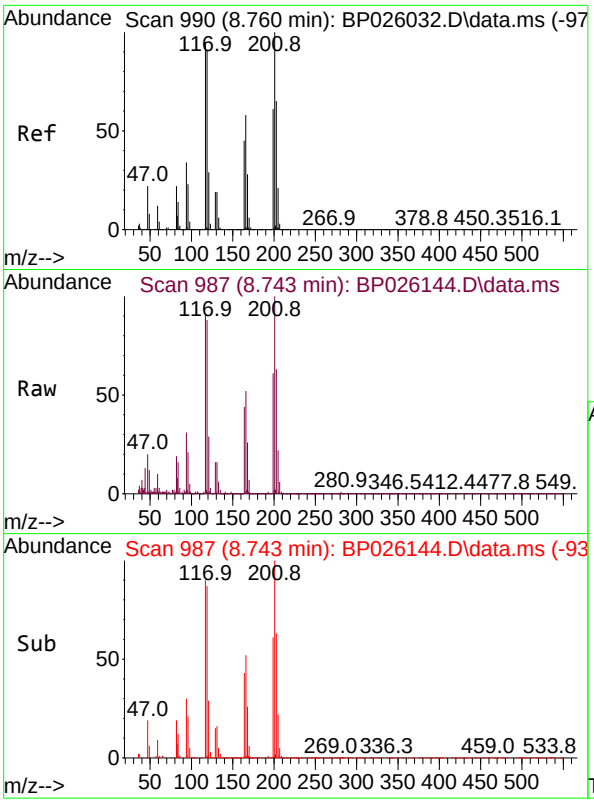




#17
2-Methylphenol
Concen: 4.771 ng
RT: 8.108 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:107 Resp: 69679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.9 | 89.7 | 134.5 |
| 77 | 44.4 | 33.9 | 50.9 |
| 79 | 41.7 | 33.0 | 49.4 |



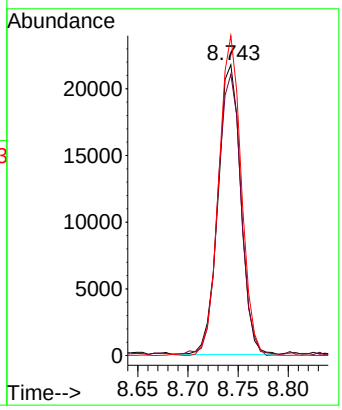


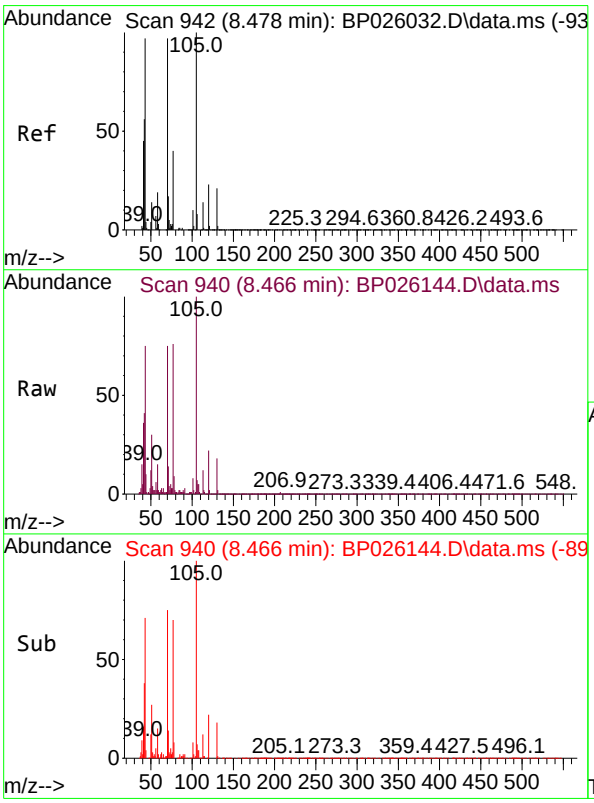

#18
Hexachloroethane
Concen: 4.908 ng
RT: 8.743 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:117 Resp: 34390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 78.7 | 118.1 |
| 201 | 110.0 | 85.1 | 127.7 |

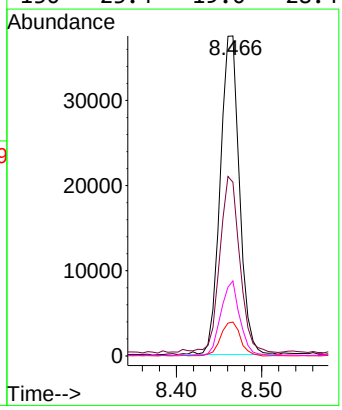


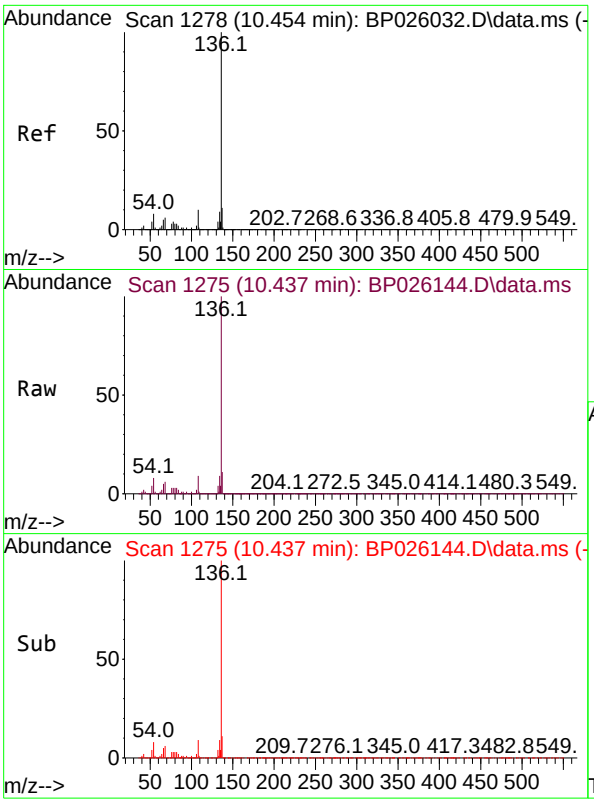




#19
n-Nitroso-di-n-propylamine
Concen: 4.718 ng
RT: 8.466 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 70 Resp: 58743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.3 | 44.1 | 66.1 |
| 101 | 10.6 | 8.2 | 12.4 |
| 130 | 23.4 | 19.0 | 28.4 |



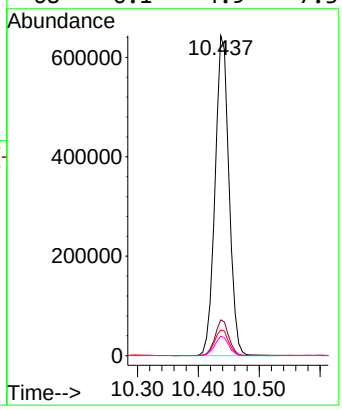


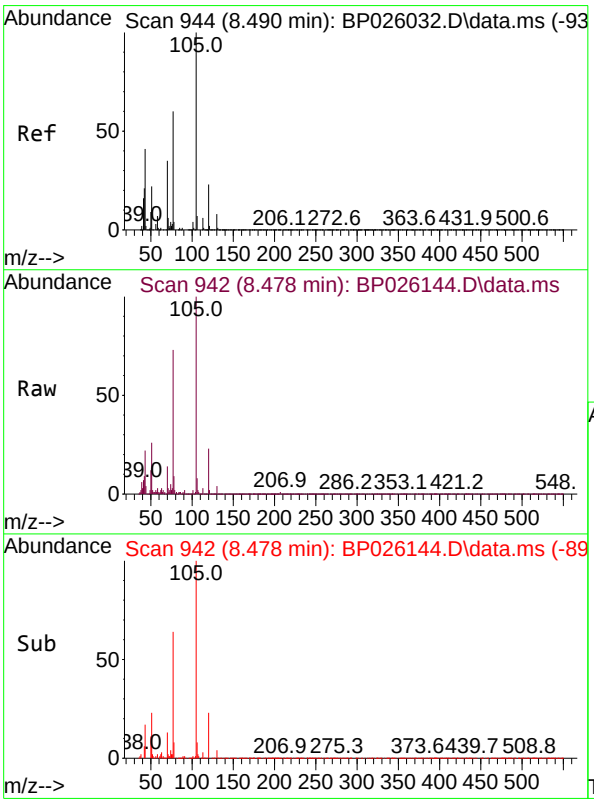

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:136 Resp: 1023584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.7 | 13.1 |
| 54 | 8.0 | 6.4 | 9.6 |
| 68 | 6.1 | 4.9 | 7.3 |

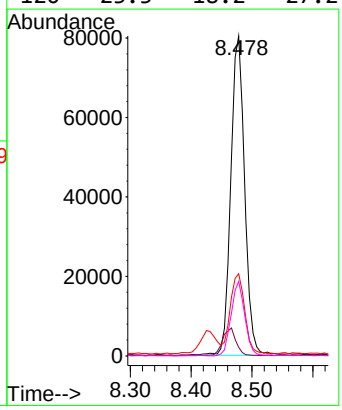


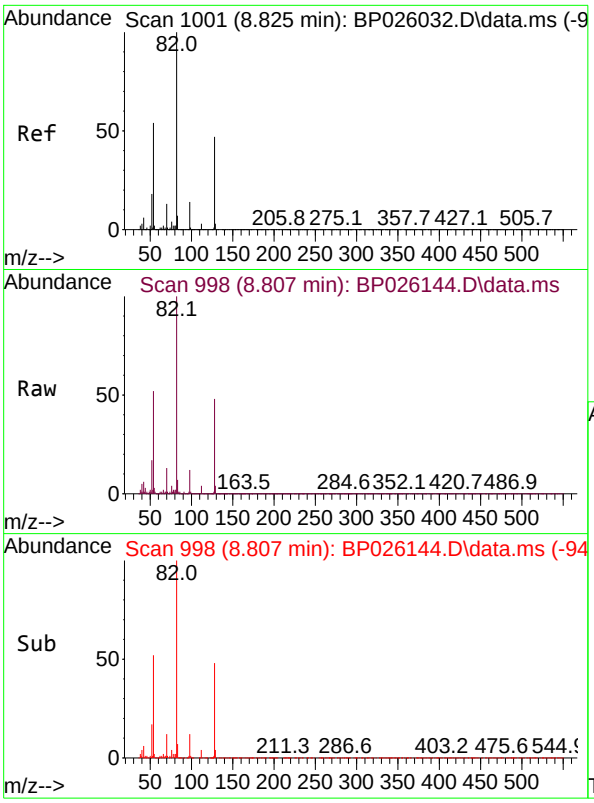




#22
Acetophenone
Concen: 4.927 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:105 Resp: 127156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.7 | 3.0 | 4.4# |
| 51 | 25.7 | 20.5 | 30.7 |
| 120 | 23.3 | 18.2 | 27.2 |



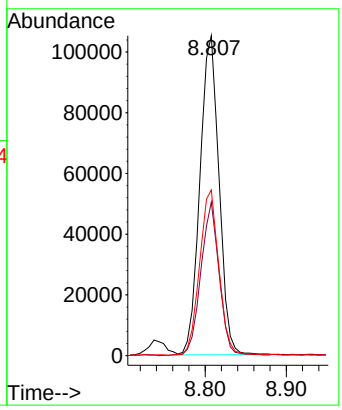


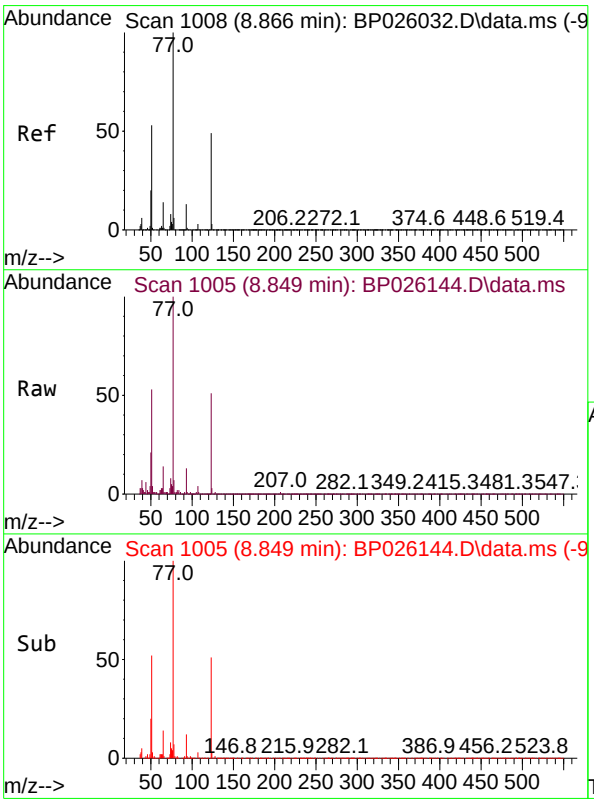

#23
Nitrobenzene-d5
Concen: 10.379 ng
RT: 8.807 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 171702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.0 | 37.4 | 56.0 |
| 54 | 51.8 | 41.6 | 62.4 |

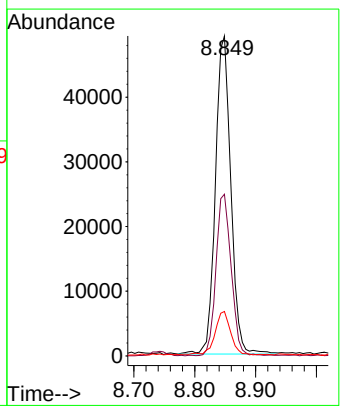


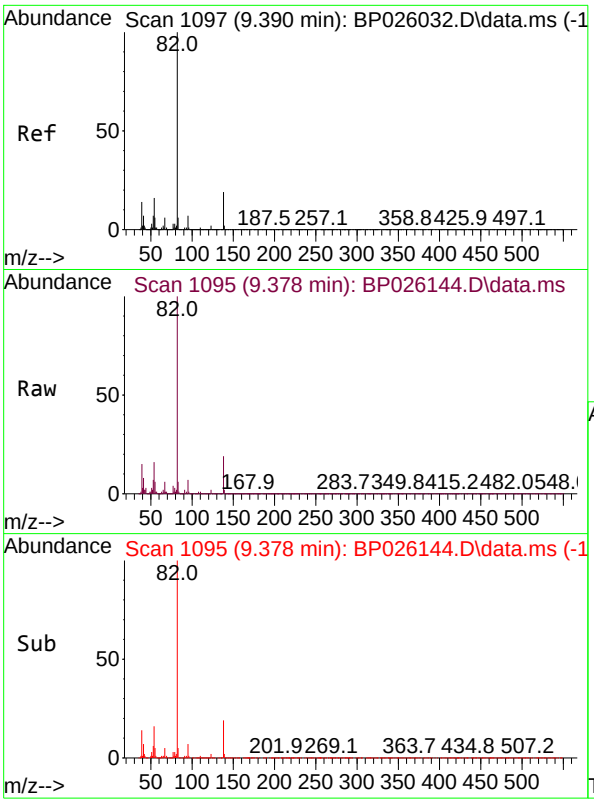




#24
Nitrobenzene
Concen: 5.006 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 77 Resp: 86731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.5 | 39.8 | 59.8 |
| 65 | 13.9 | 11.2 | 16.8 |



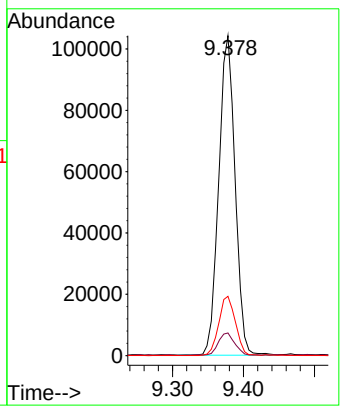


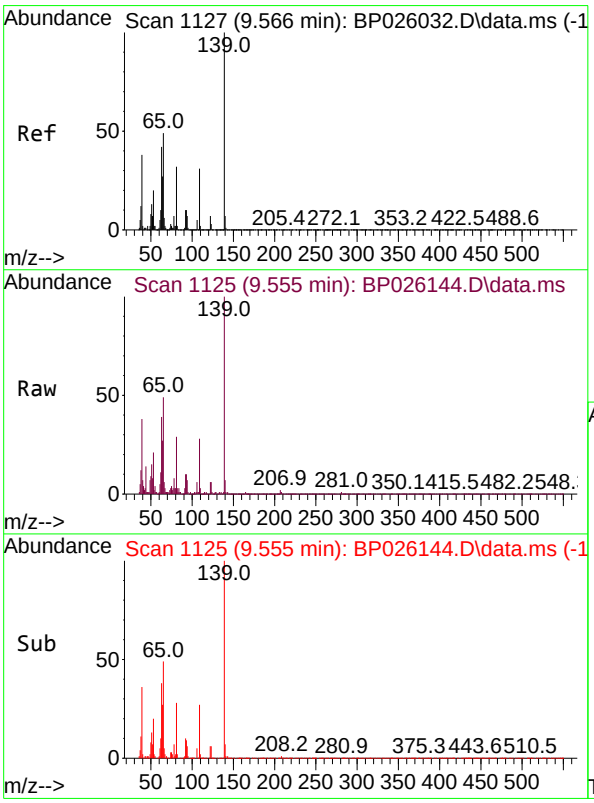

#25
Isophorone
Concen: 4.787 ng
RT: 9.378 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 167606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 18.5 | 15.4 | 23.0 |

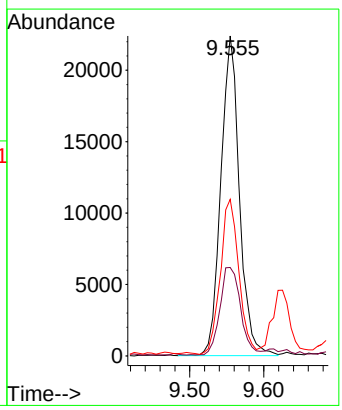


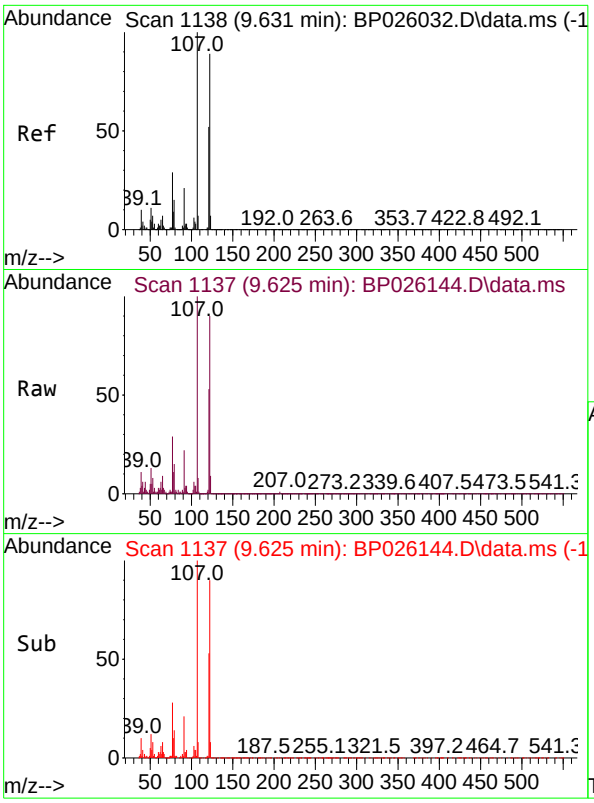




#26
2-Nitrophenol
Concen: 6.573 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:139 Resp: 38871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.6 | 22.3 | 33.5 |
| 65 | 48.9 | 37.2 | 55.8 |



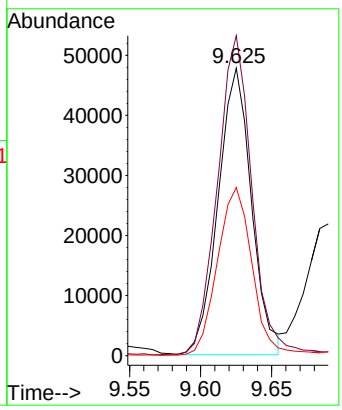


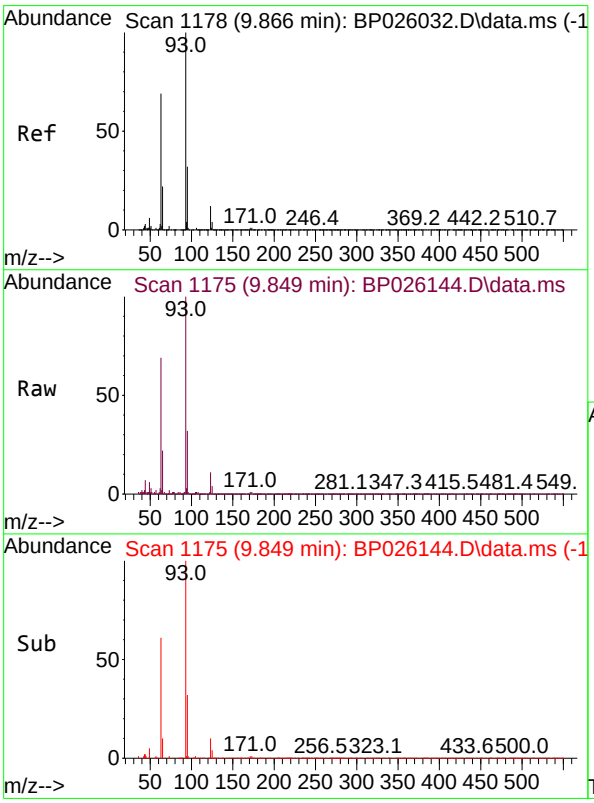

#27
2,4-Dimethylphenol
Concen: 5.220 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:122 Resp: 78015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.3 | 91.0 | 136.6 |
| 121 | 58.5 | 47.0 | 70.6 |

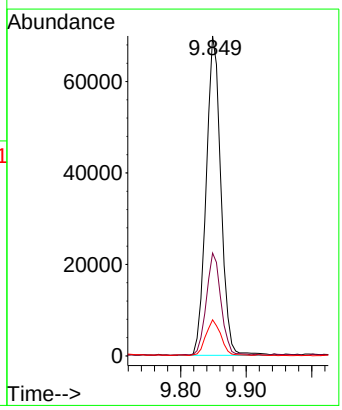


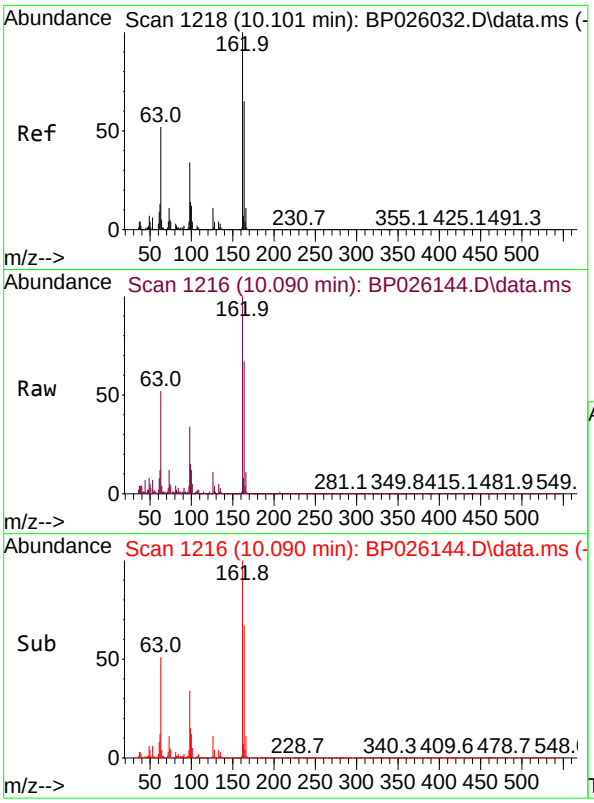




#28
bis(2-Chloroethoxy)methane
Concen: 4.925 ng
RT: 9.849 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 93 Resp: 108845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 26.4 | 39.6 |
| 123 | 11.3 | 9.4 | 14.0 |



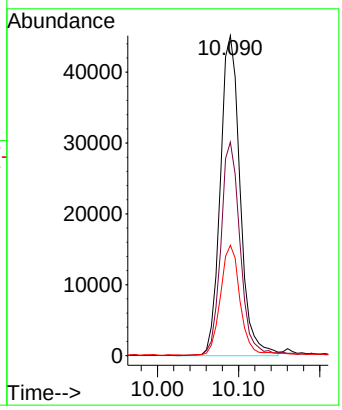


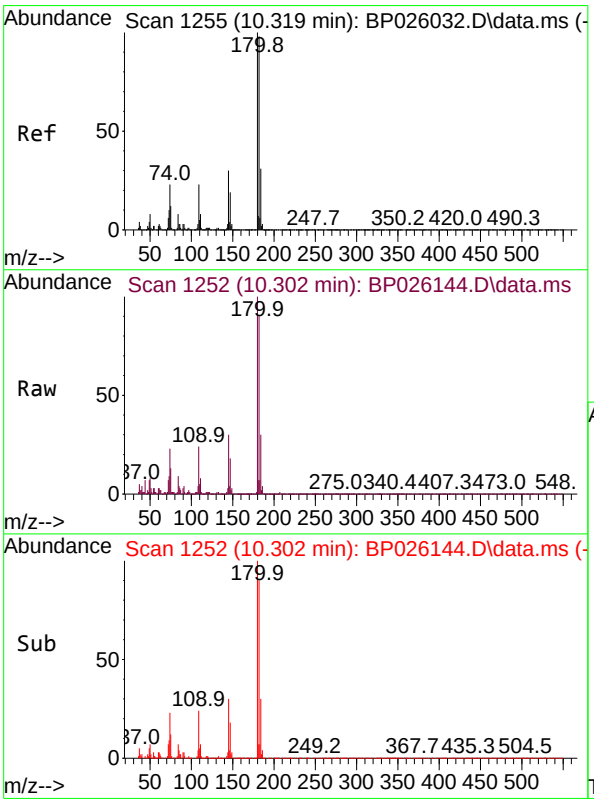

#29
2,4-Dichlorophenol
Concen: 4.893 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:162 Resp: 76304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.7 | 43.8 | 83.8 |
| 98 | 34.5 | 14.1 | 54.1 |

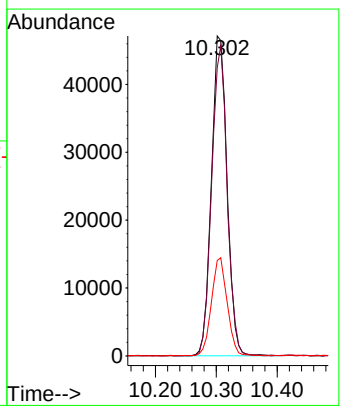


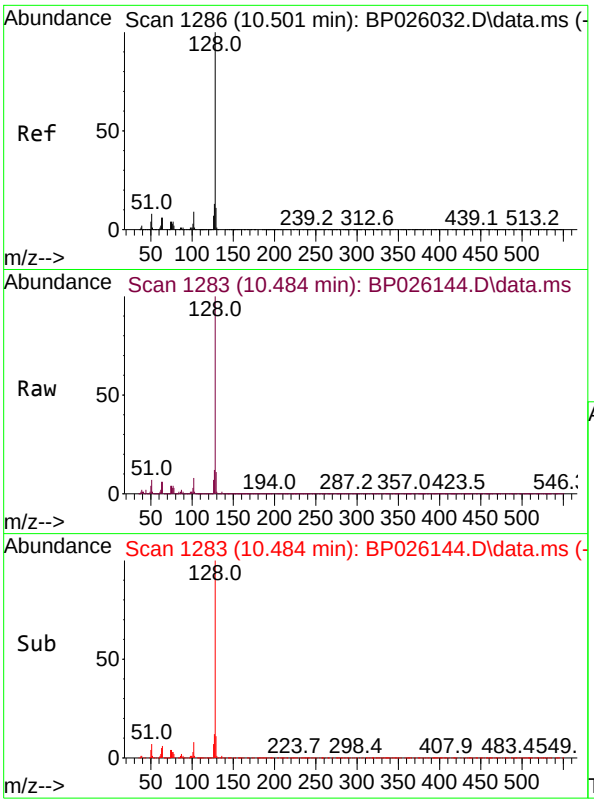




#30
1,2,4-Trichlorobenzene
Concen: 5.002 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:180 Resp: 84591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 90.1 | 78.1 | 117.1 |
| 145 | 29.8 | 24.2 | 36.4 |



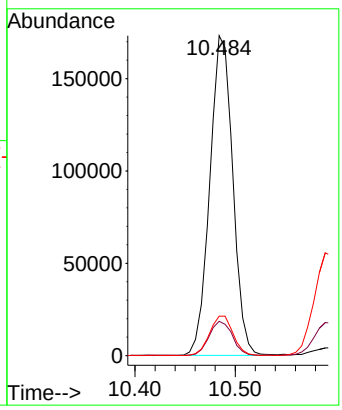


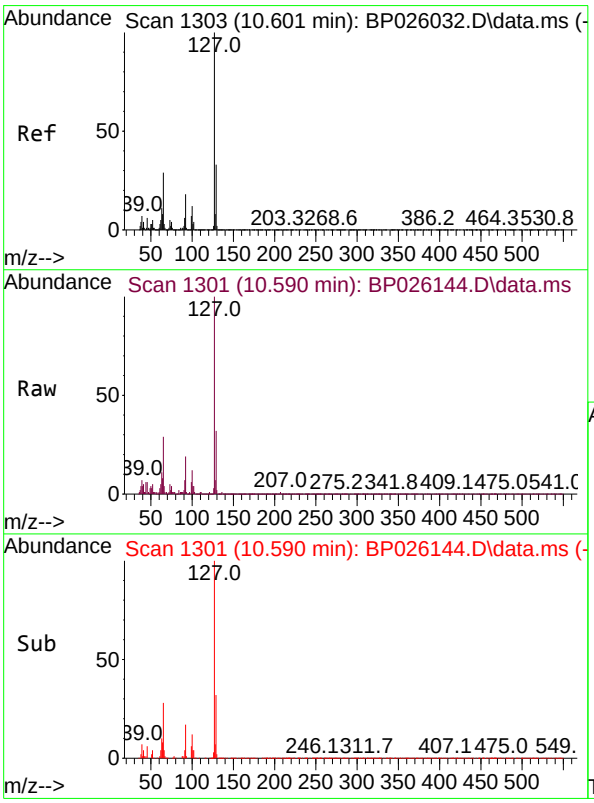

#31
Naphthalene
Concen: 4.976 ng
RT: 10.484 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:128 Resp: 276491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.6 |
| 127 | 12.3 | 10.2 | 15.4 |

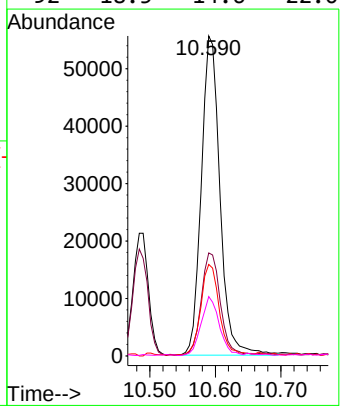


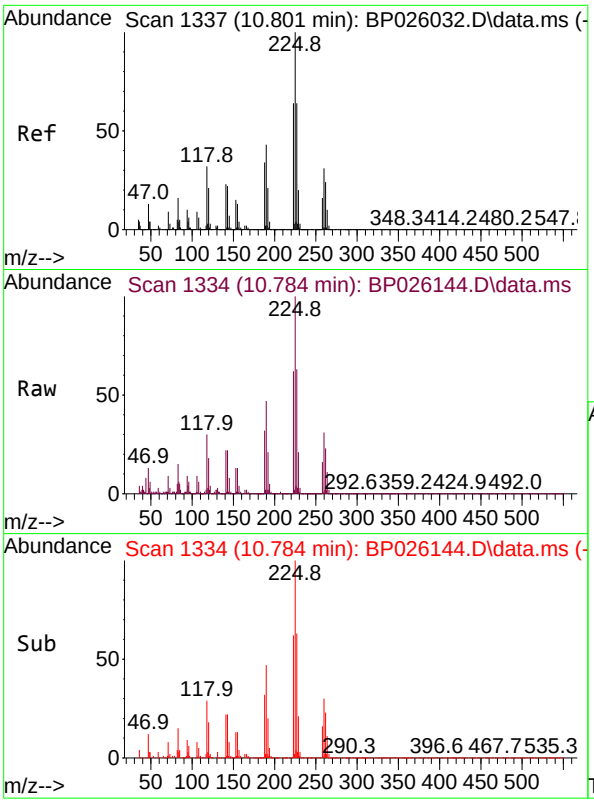




#33
4-Chloroaniline
Concen: 5.080 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:127 Resp: 109680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 25.8 | 38.8 |
| 65 | 28.6 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |



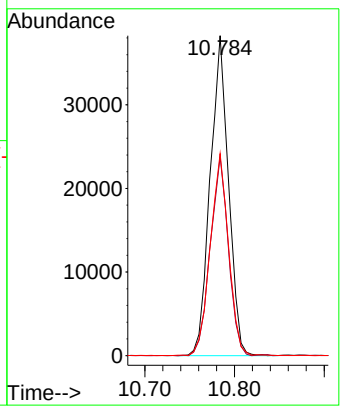


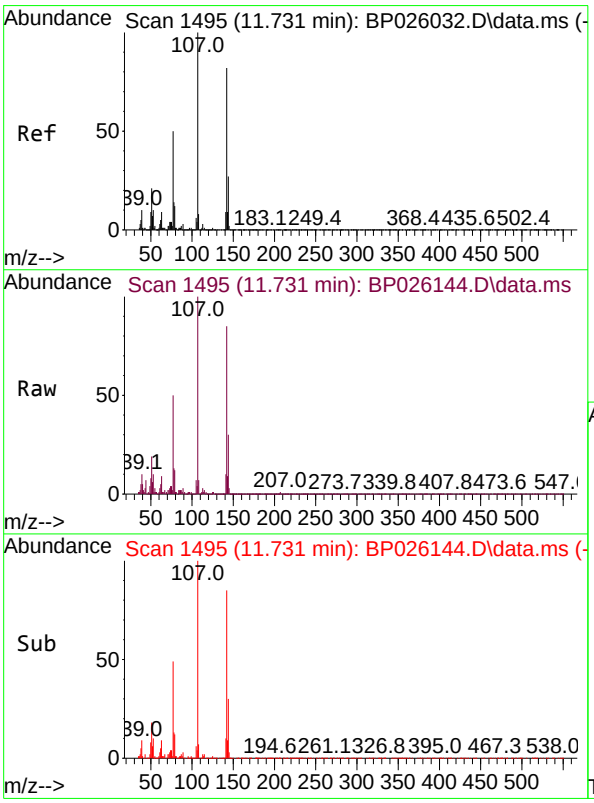

#34
Hexachlorobutadiene
Concen: 5.030 ng
RT: 10.784 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:225 Resp: 54446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 49.6 | 74.4 |
| 227 | 63.1 | 51.2 | 76.8 |

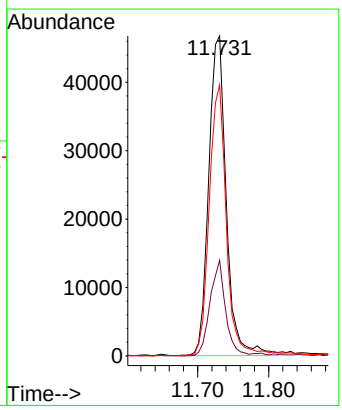


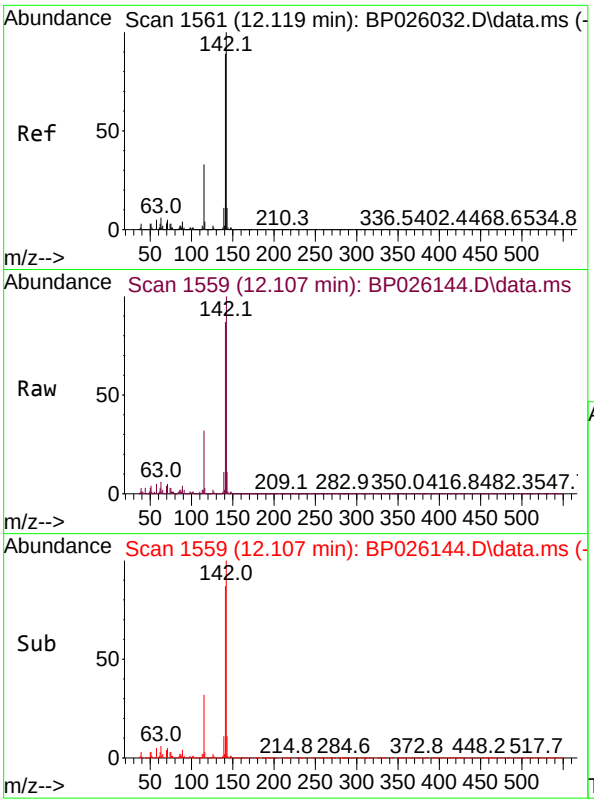




#36
4-Chloro-3-methylphenol
Concen: 4.924 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:107 Resp: 80314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.9 | 21.6 | 32.4 |
| 142 | 84.7 | 65.6 | 98.4 |



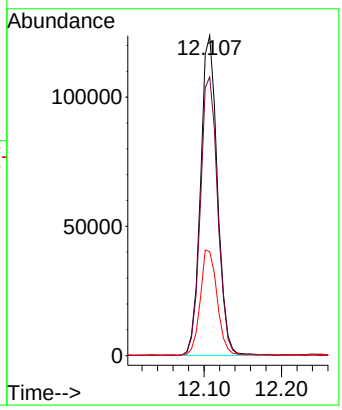


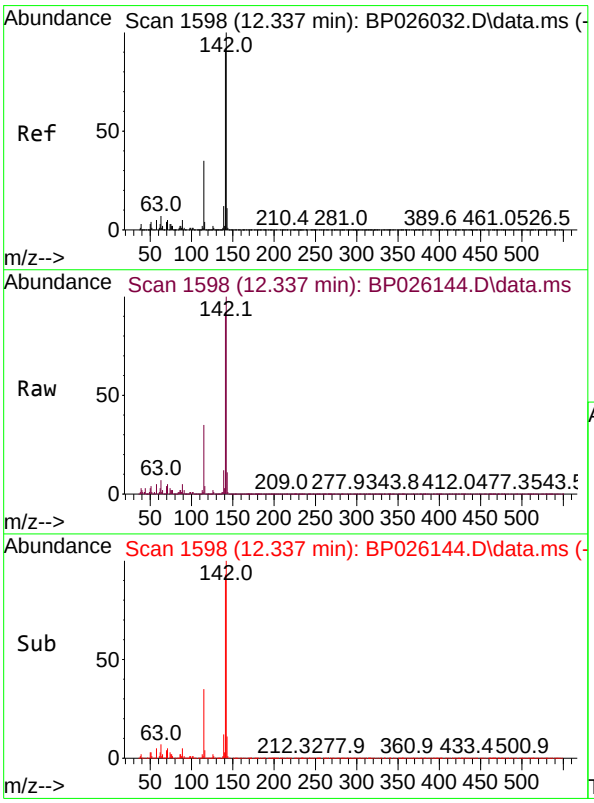

#37
2-Methylnaphthalene
Concen: 4.822 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:142 Resp: 187351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 71.0 | 106.6 |
| 115 | 32.5 | 26.6 | 39.8 |

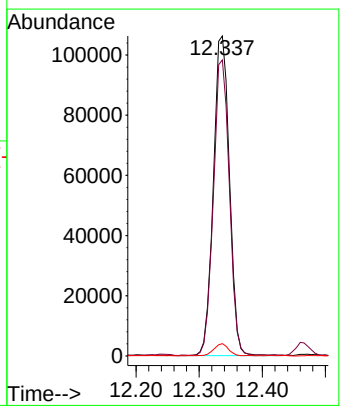


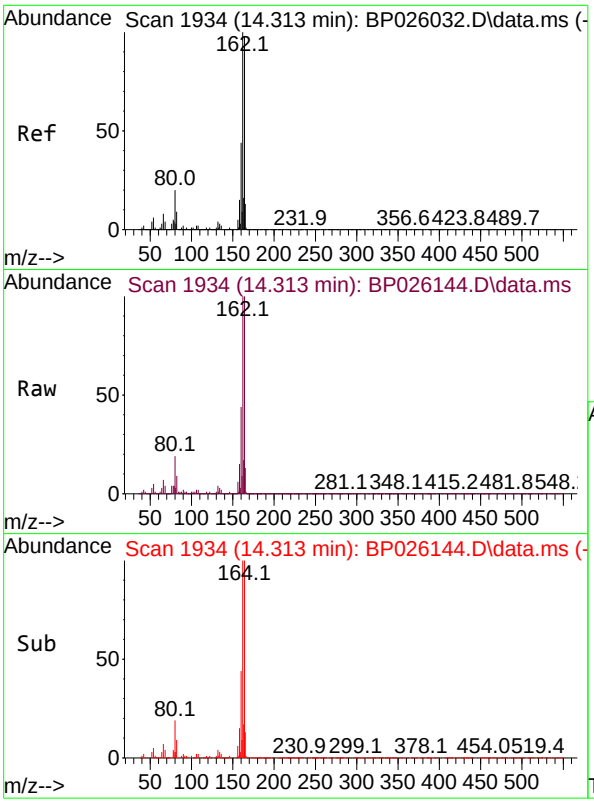




#38
1-Methylnaphthalene
Concen: 4.977 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:142 Resp: 187981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.5 | 73.5 | 110.3 |
| 116 | 3.8 | 3.0 | 4.4 |



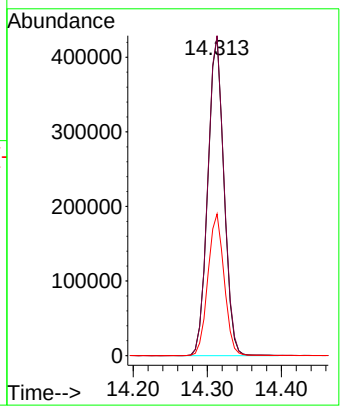


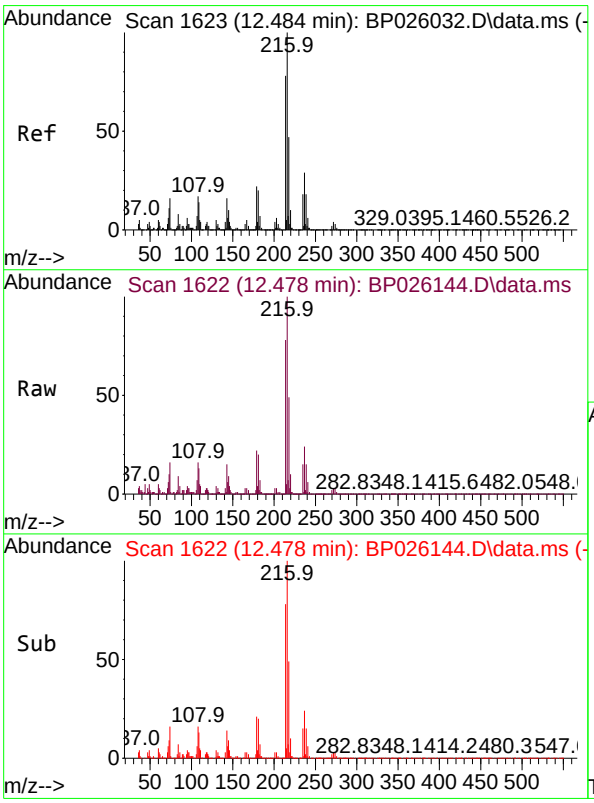

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:164 Resp: 643620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 80.3 | 120.5 |
| 160 | 44.4 | 35.2 | 52.8 |

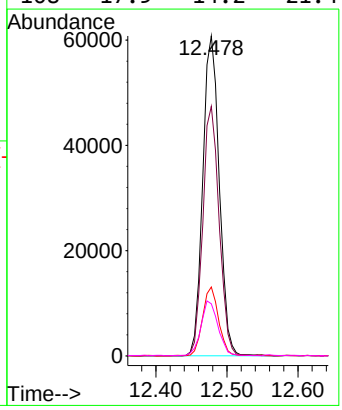


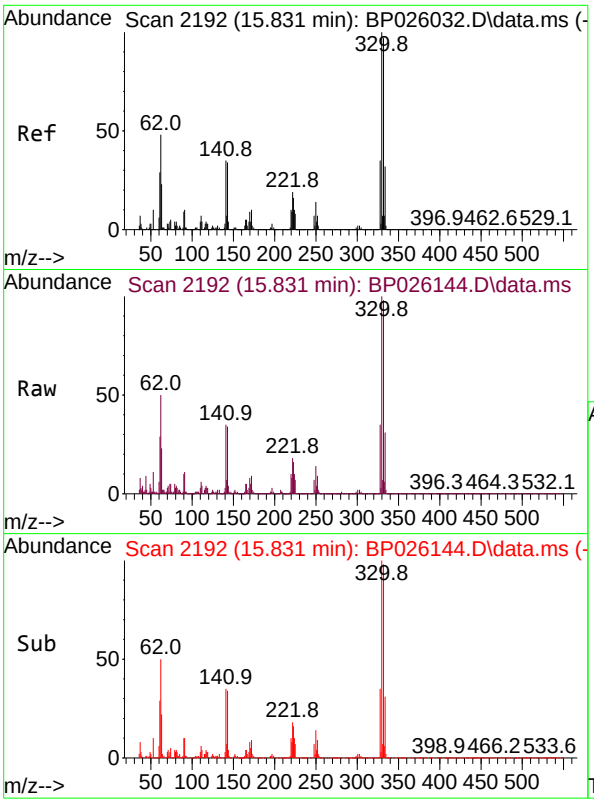




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.903 ng
RT: 12.478 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:216 Resp: 97644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.2 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.9 | 14.2 | 21.4 |



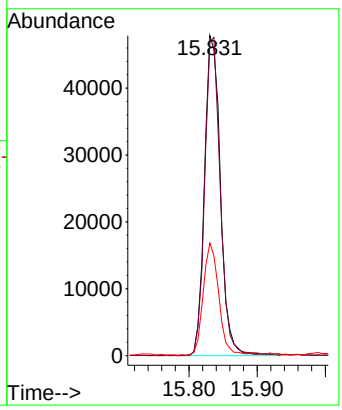


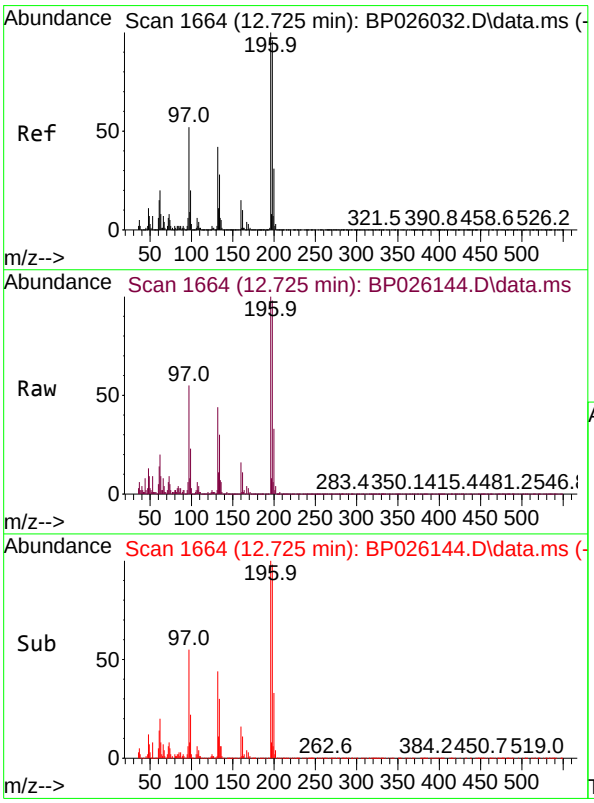

#42
2,4,6-Tribromophenol
Concen: 11.005 ng
RT: 15.831 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:330 Resp: 77590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 78.0 | 117.0 |
| 141 | 34.4 | 26.8 | 40.2 |

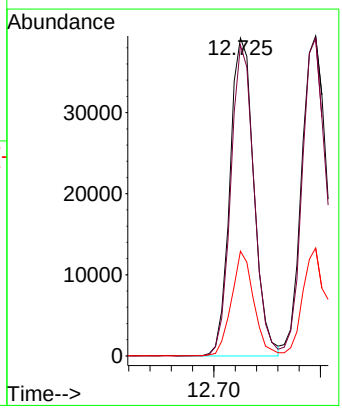


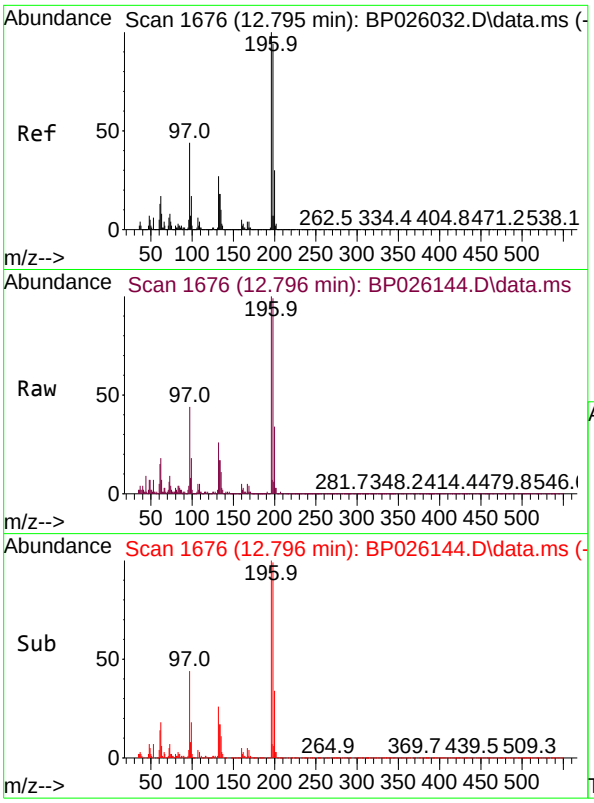




#43
2,4,6-Trichlorophenol
Concen: 5.131 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:196 Resp: 61137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.8 | 76.9 | 115.3 |
| 200 | 33.0 | 24.6 | 37.0 |



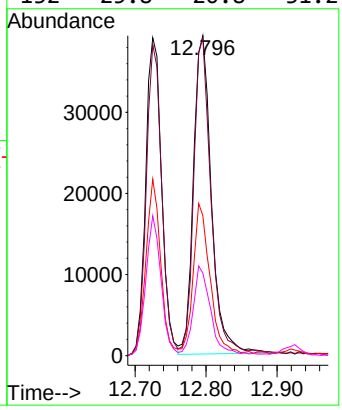


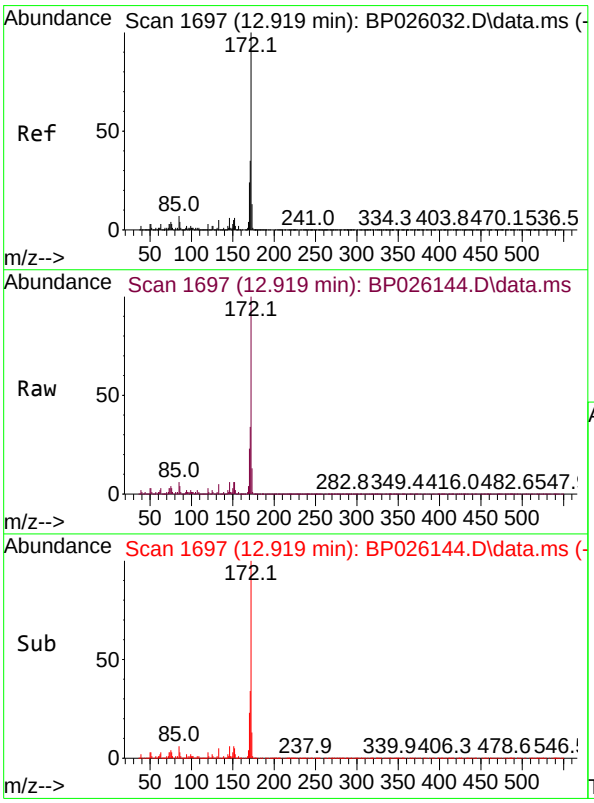

#44
2,4,5-Trichlorophenol
Concen: 5.093 ng
RT: 12.796 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:196 Resp: 68937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.2 | 76.4 | 114.6 |
| 97 | 43.8 | 35.7 | 53.5 |
| 132 | 25.8 | 20.8 | 31.2 |

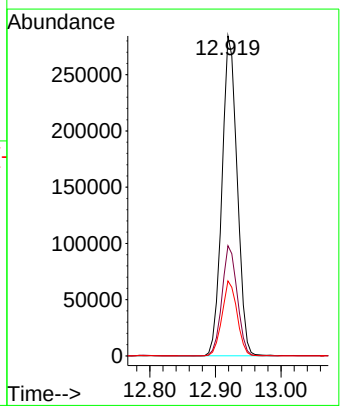


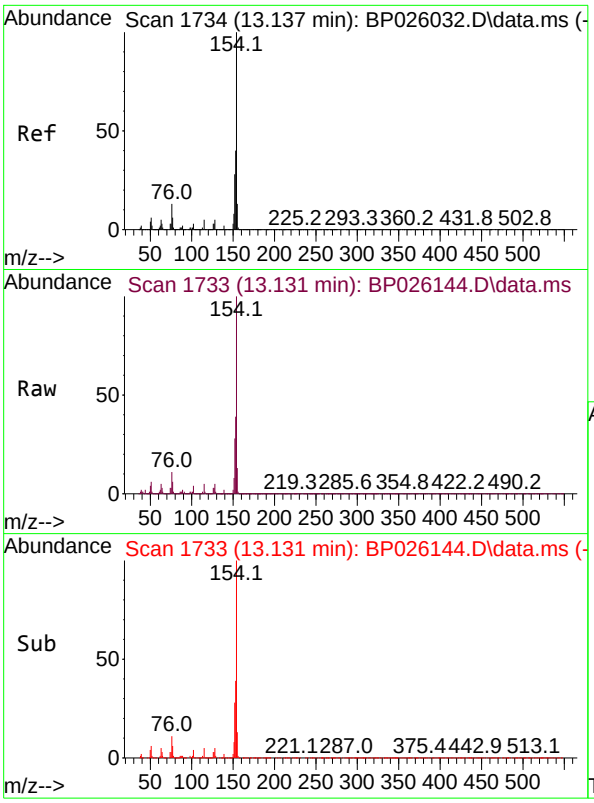




#45
2-Fluorobiphenyl
Concen: 10.313 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:172 Resp: 460038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.2 | 42.4 |
| 170 | 23.4 | 18.7 | 28.1 |



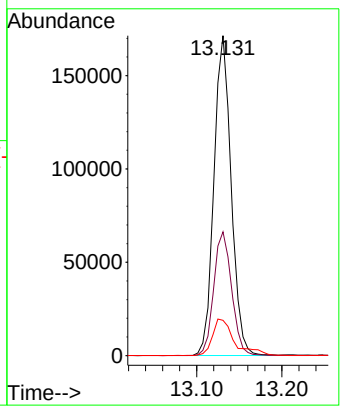


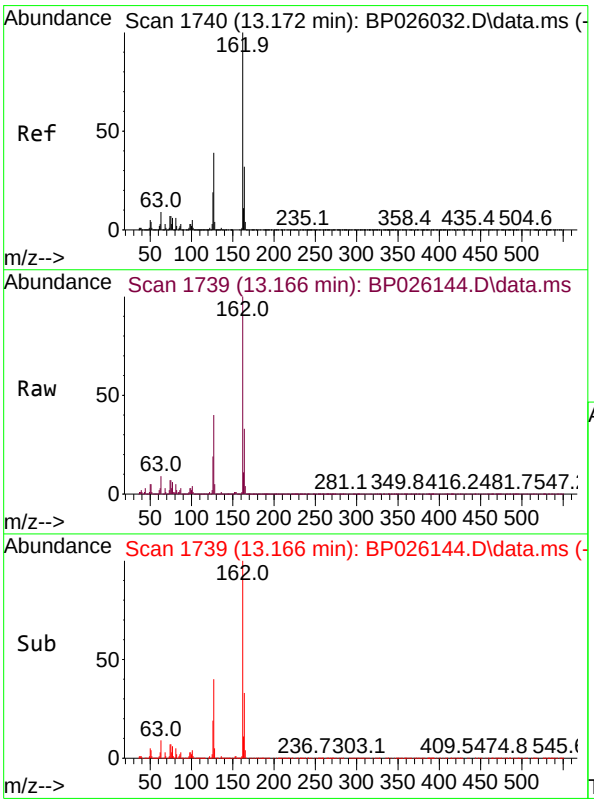

#46
1,1'-Biphenyl
Concen: 4.917 ng
RT: 13.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:154 Resp: 241240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.7 | 20.3 | 60.3 |
| 76 | 11.0 | 0.0 | 32.3 |

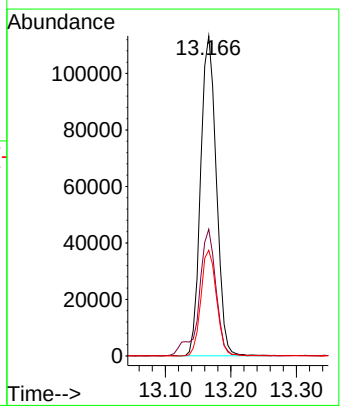


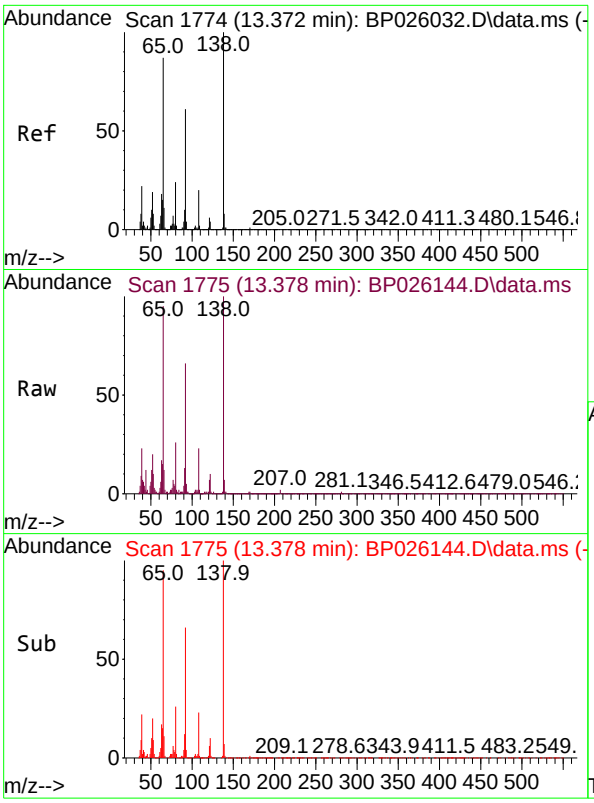




#47
2-Chloronaphthalene
Concen: 4.870 ng
RT: 13.166 min Scan# 1739
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:162 Resp: 187850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.6 | 30.9 | 46.3 |
| 164 | 33.0 | 26.4 | 39.6 |



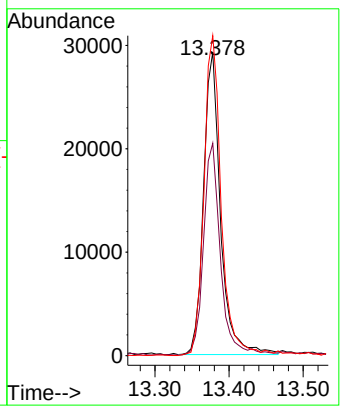


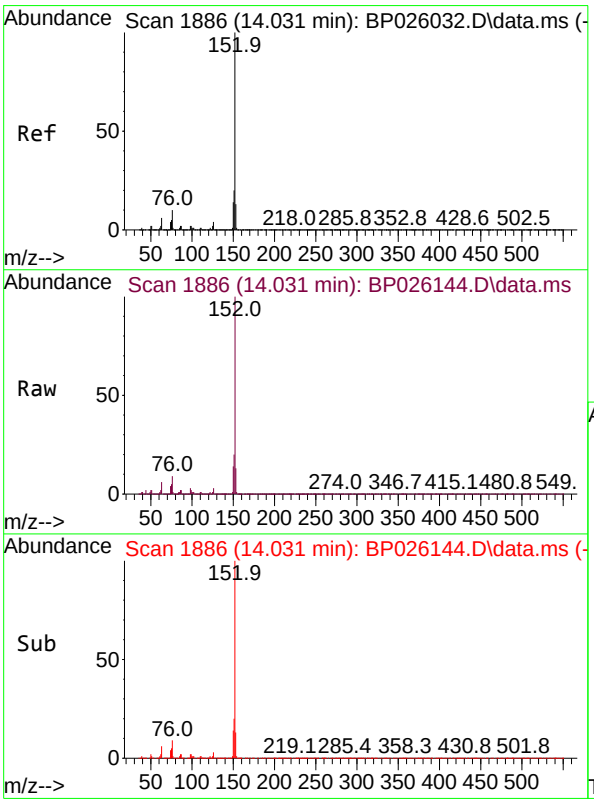

#48
2-Nitroaniline
Concen: 5.239 ng
RT: 13.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 65 Resp: 46485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.0 | 59.1 | 88.7 |
| 138 | 105.4 | 96.6 | 145.0 |

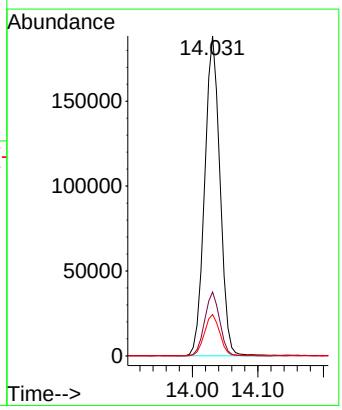


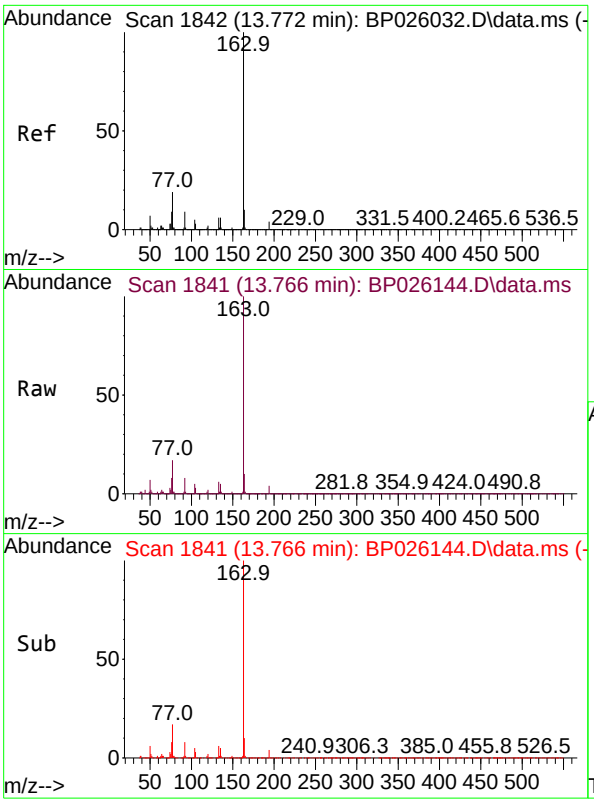




#49
Acenaphthylene
Concen: 5.334 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:152 Resp: 304102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 12.9 | 10.6 | 16.0 |



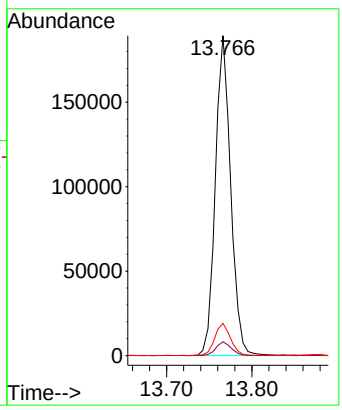


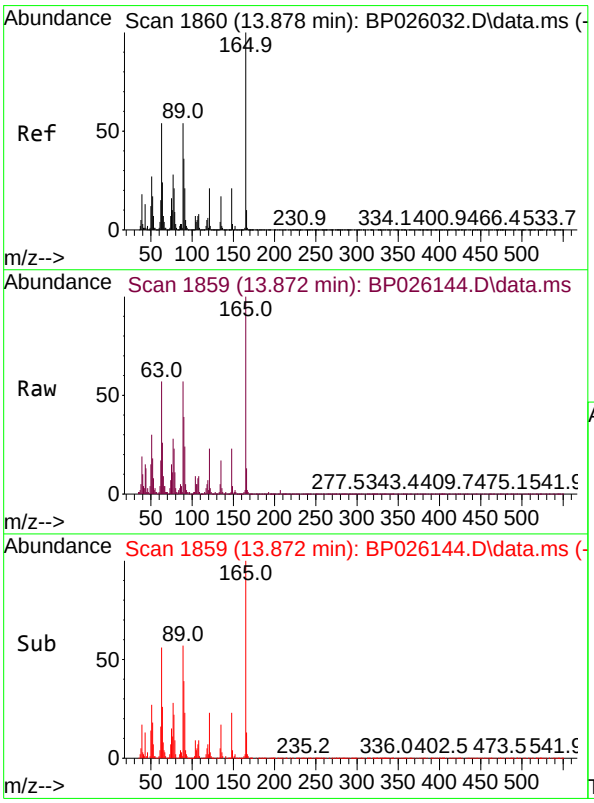

#50
Dimethylphthalate
Concen: 5.077 ng
RT: 13.766 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:163 Resp: 236591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.1 | 8.2 | 12.2 |

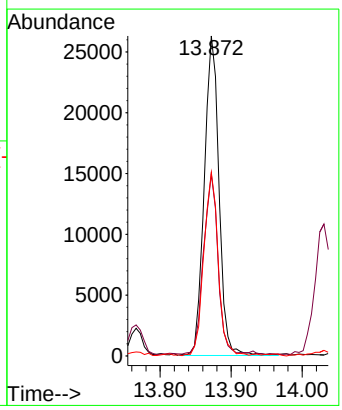


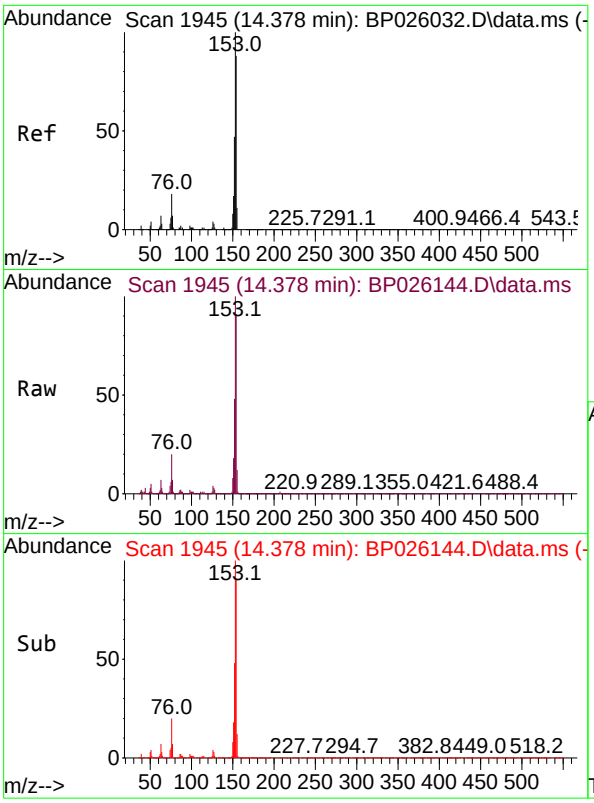




#51
2,6-Dinitrotoluene
Concen: 4.835 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 37885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.8 | 40.5 | 60.7 |
| 89 | 57.3 | 41.3 | 61.9 |



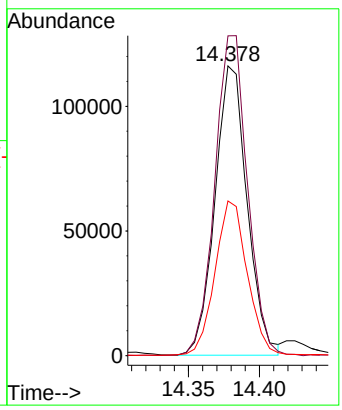


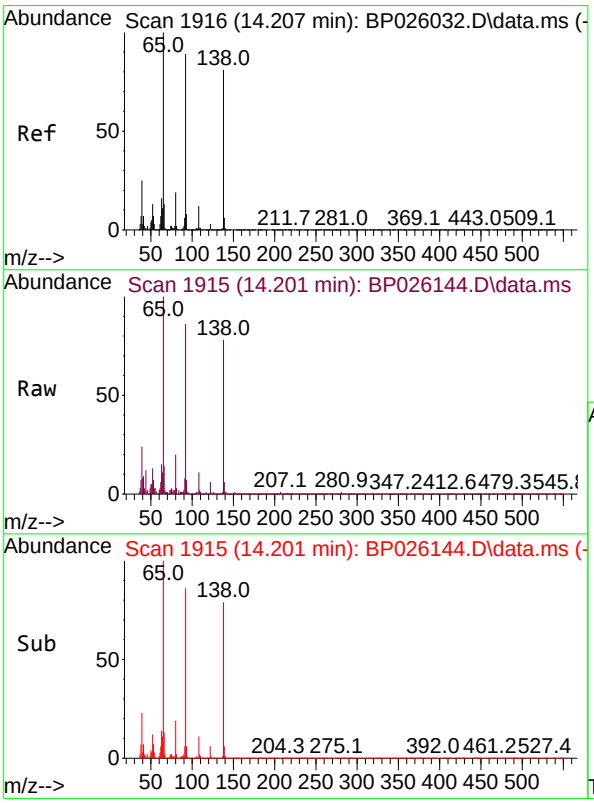

#52
Acenaphthene
Concen: 4.803 ng
RT: 14.378 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:154 Resp: 183221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.3 | 90.7 | 136.1 |
| 152 | 53.4 | 42.8 | 64.2 |

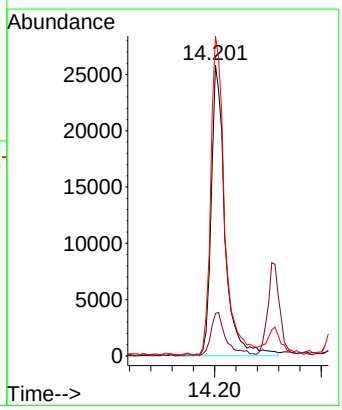


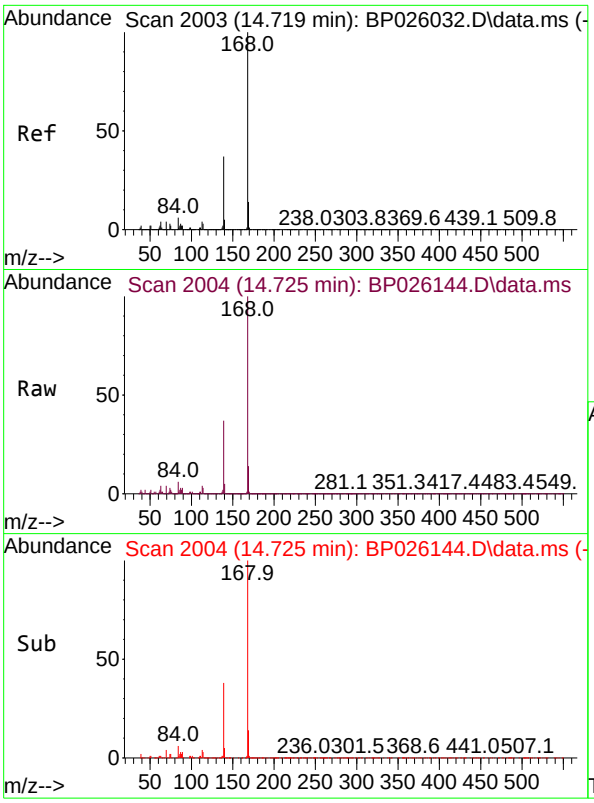




#53
3-Nitroaniline
Concen: 4.861 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:138 Resp: 46080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.6 | 8.9 | 13.3# |
| 92 | 110.1 | 86.3 | 129.5 |



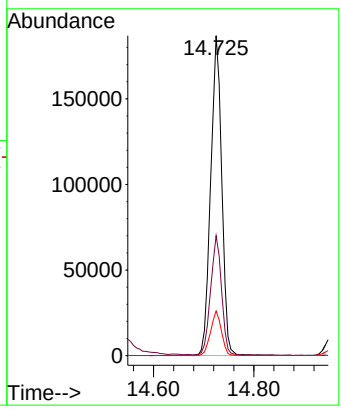


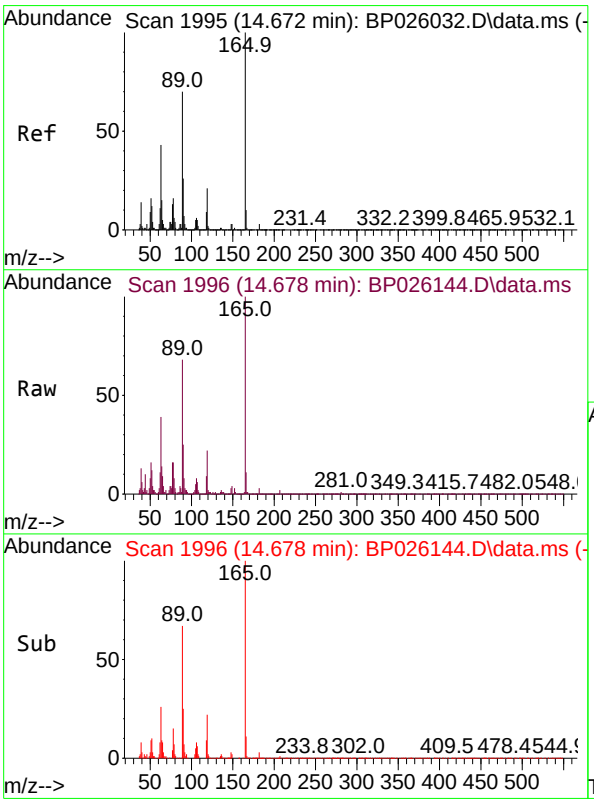

#55
Dibenzofuran
Concen: 4.928 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:168 Resp: 286273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.5 | 29.8 | 44.6 |
| 169 | 14.0 | 10.9 | 16.3 |

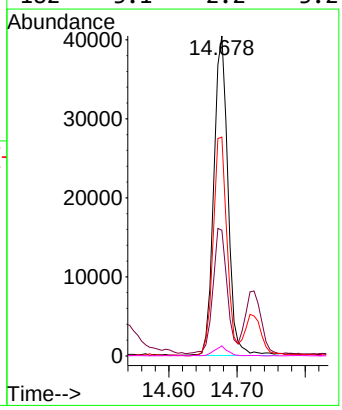


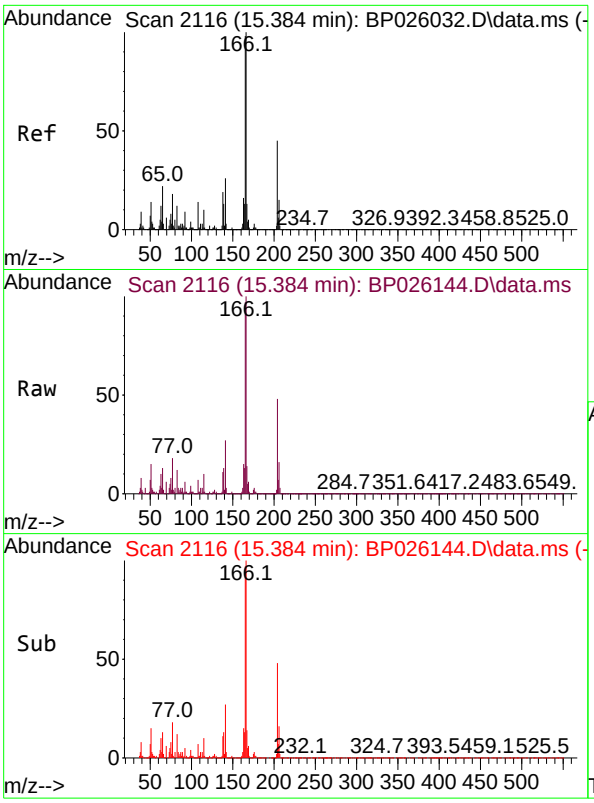




#57
2,4-Dinitrotoluene
Concen: 5.089 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 58186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.3 | 31.0 | 46.6 |
| 89 | 68.4 | 51.7 | 77.5 |
| 182 | 3.1 | 2.2 | 3.2 |



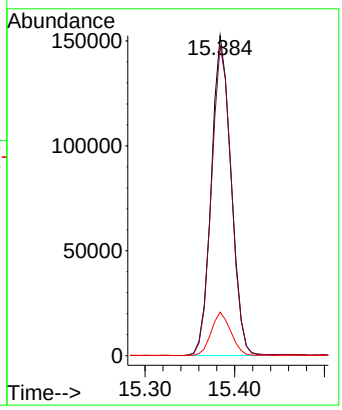


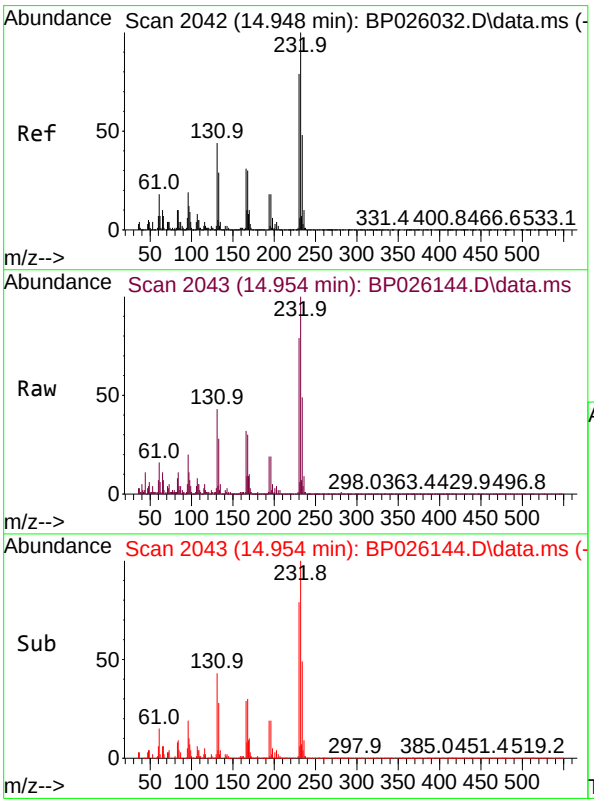

#58
Fluorene
Concen: 5.102 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:166 Resp: 232855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |

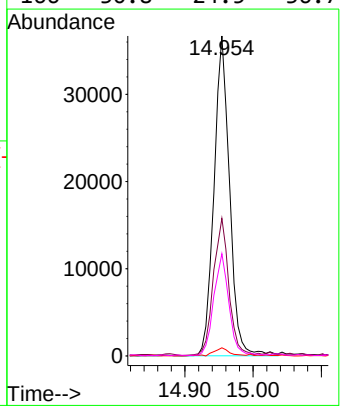


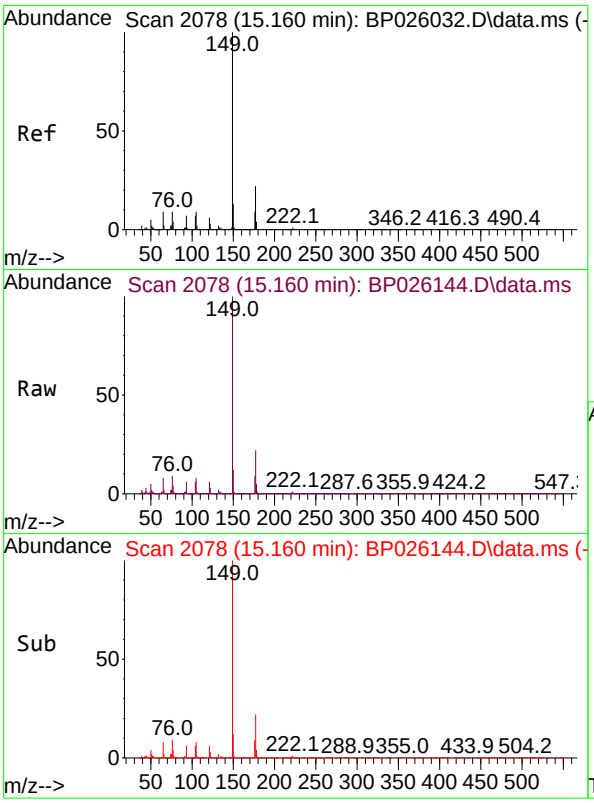




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.425 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:232 Resp: 58158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.5 | 34.8 | 52.2 |
| 130 | 2.6 | 1.8 | 2.8 |
| 166 | 30.8 | 24.5 | 36.7 |



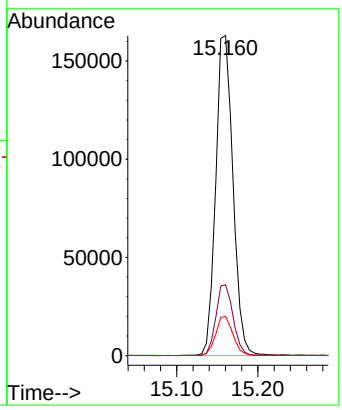


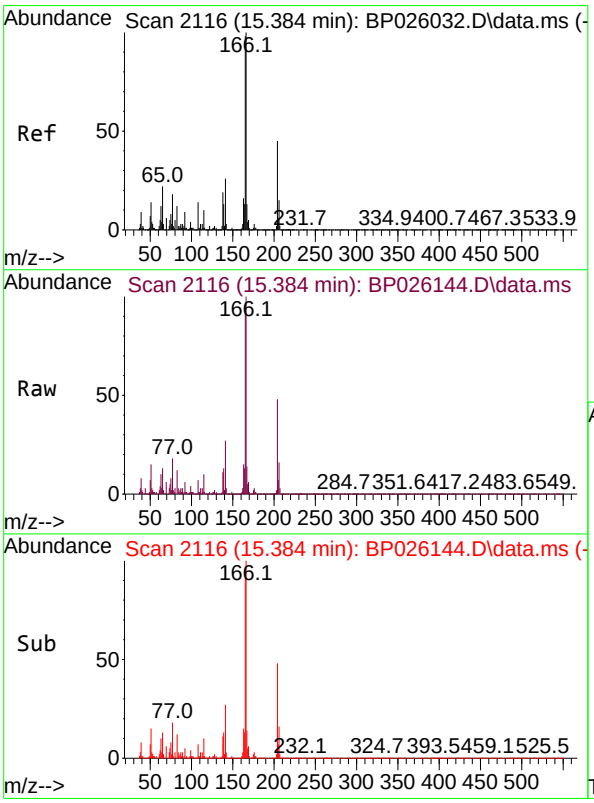

#60
Diethylphthalate
Concen: 5.123 ng
RT: 15.160 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 240172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.9 | 26.9 |
| 150 | 12.2 | 9.9 | 14.9 |

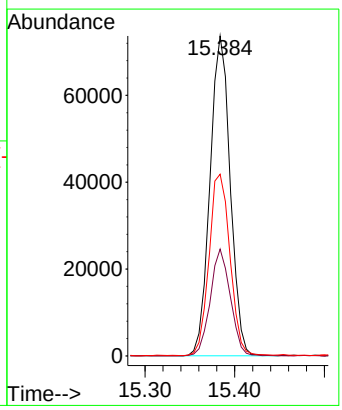


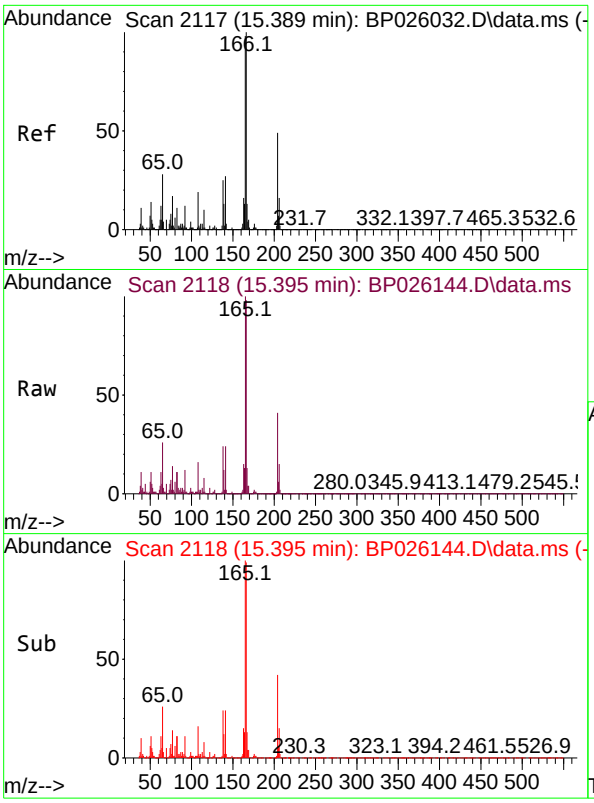




#61
4-Chlorophenyl-phenylether
Concen: 5.076 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:204 Resp: 115474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 26.2 | 39.2 |
| 141 | 56.8 | 48.1 | 72.1 |



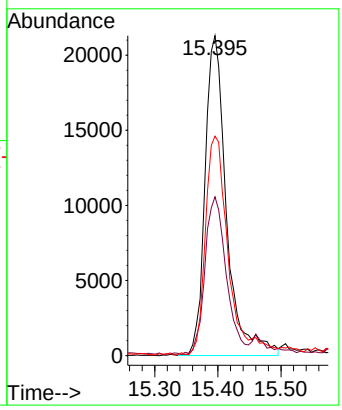


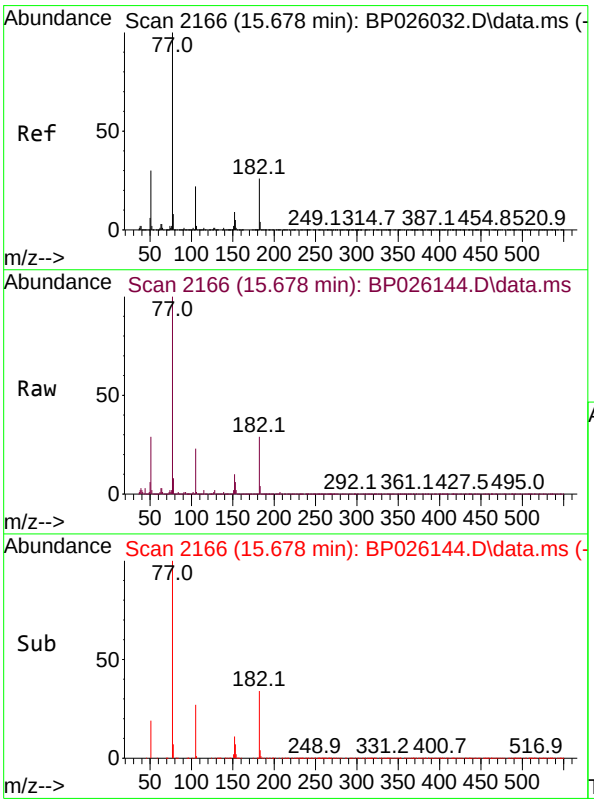

#62
4-Nitroaniline
Concen: 5.003 ng
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:138 Resp: 50292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.6 | 27.5 | 67.5 |
| 108 | 68.6 | 51.1 | 91.1 |

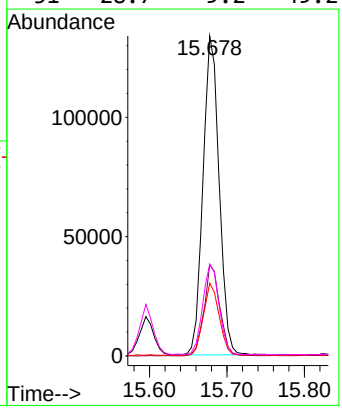


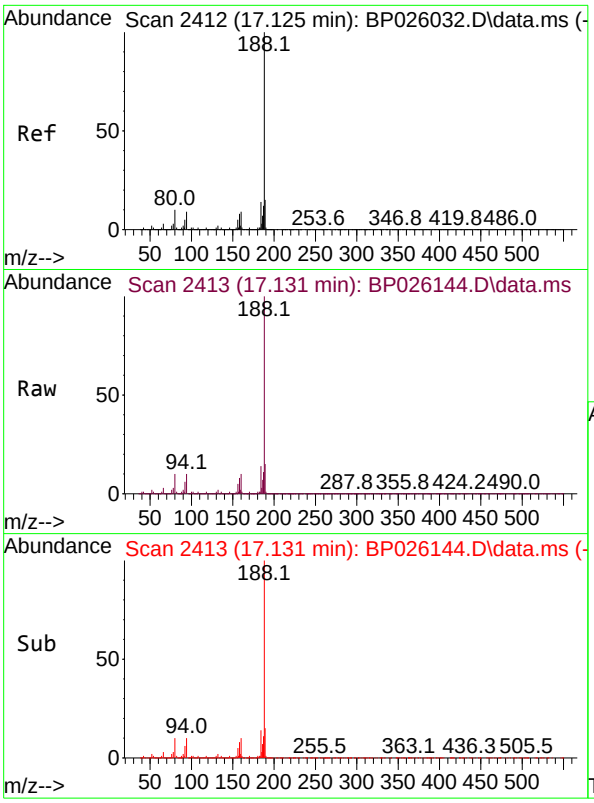




#63
Azobenzene
Concen: 4.580 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 77 Resp: 193050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.5 | 8.8 | 48.8 |
| 105 | 22.7 | 2.6 | 42.6 |
| 51 | 28.7 | 9.2 | 49.2 |



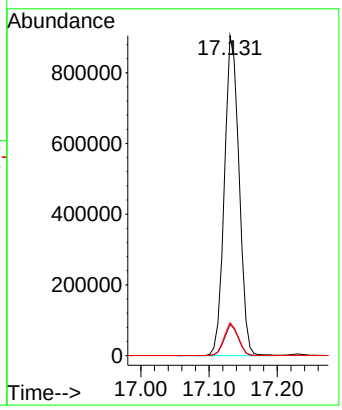


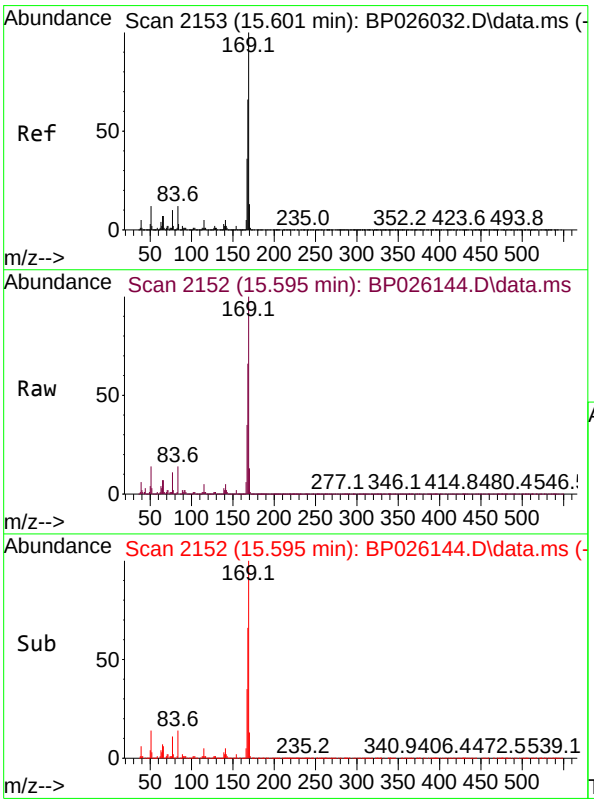

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:188 Resp: 1346698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 7.8 | 11.6 |
| 80 | 10.3 | 8.2 | 12.2 |

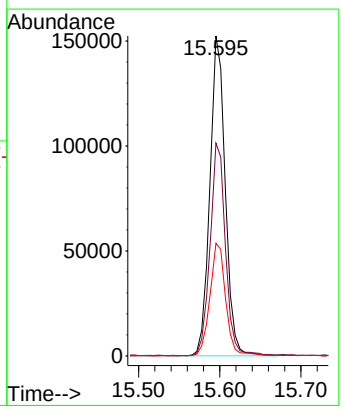


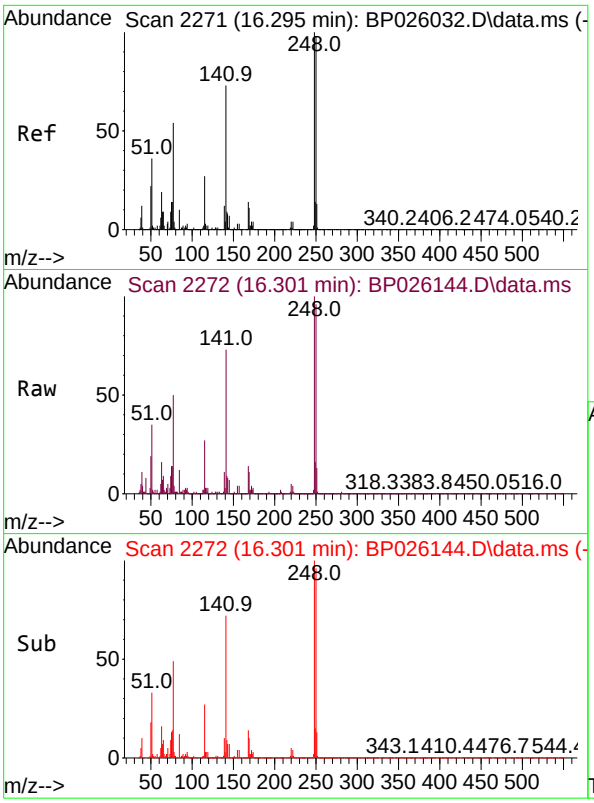




#66
n-Nitrosodiphenylamine
Concen: 4.795 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:169 Resp: 201167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 35.2 | 28.9 | 43.3 |



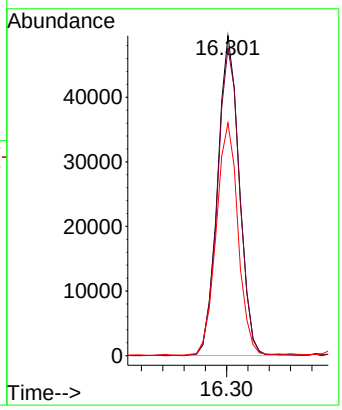


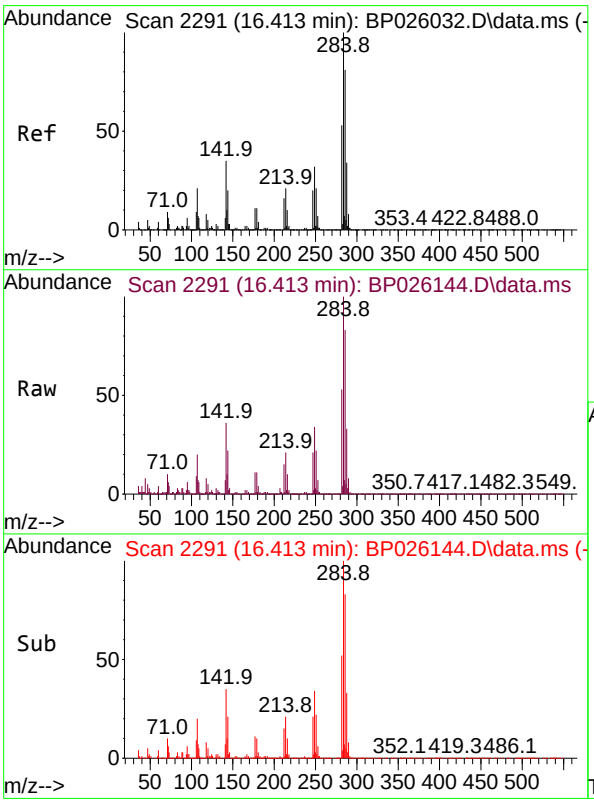

#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:248 Resp: 69962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.2 | 77.8 | 116.6 |
| 141 | 72.7 | 55.4 | 83.0 |

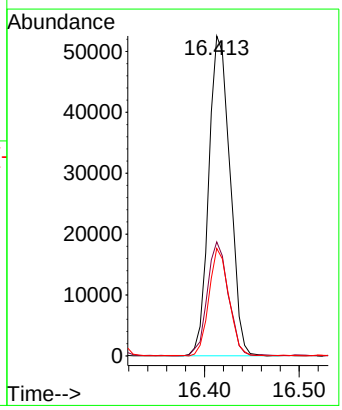


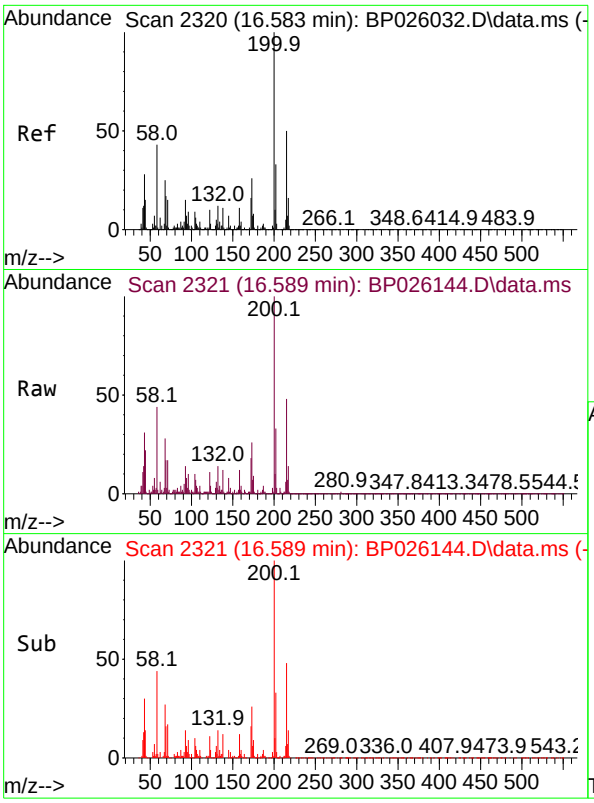




#68
Hexachlorobenzene
Concen: 4.805 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:284 Resp: 81728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.6 | 28.0 | 42.0 |
| 249 | 33.6 | 25.0 | 37.4 |



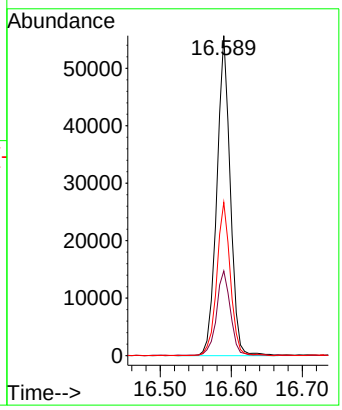


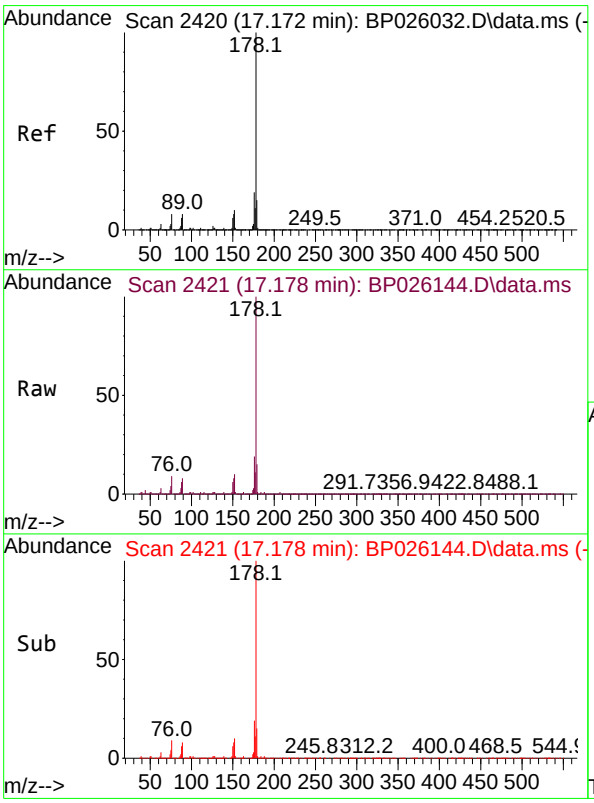

#69
Atrazine
Concen: 5.086 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:200 Resp: 73147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 6.7 | 46.7 |
| 215 | 47.9 | 27.4 | 67.4 |

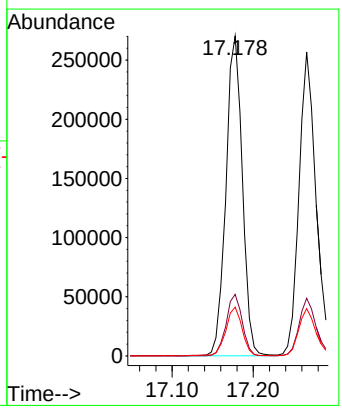


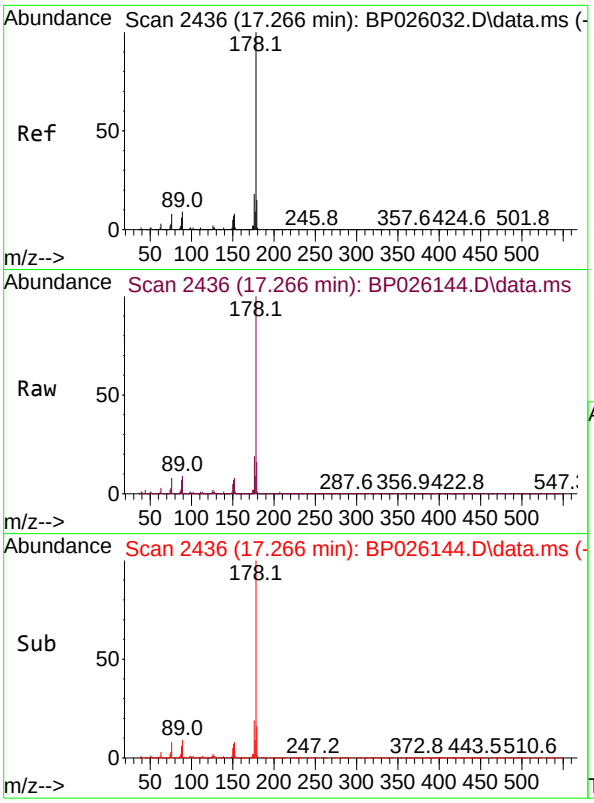




#71
Phenanthrene
Concen: 4.882 ng
RT: 17.178 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:178 Resp: 379854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.2 |
| 179 | 15.2 | 12.4 | 18.6 |



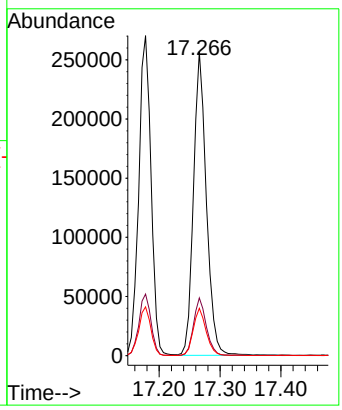


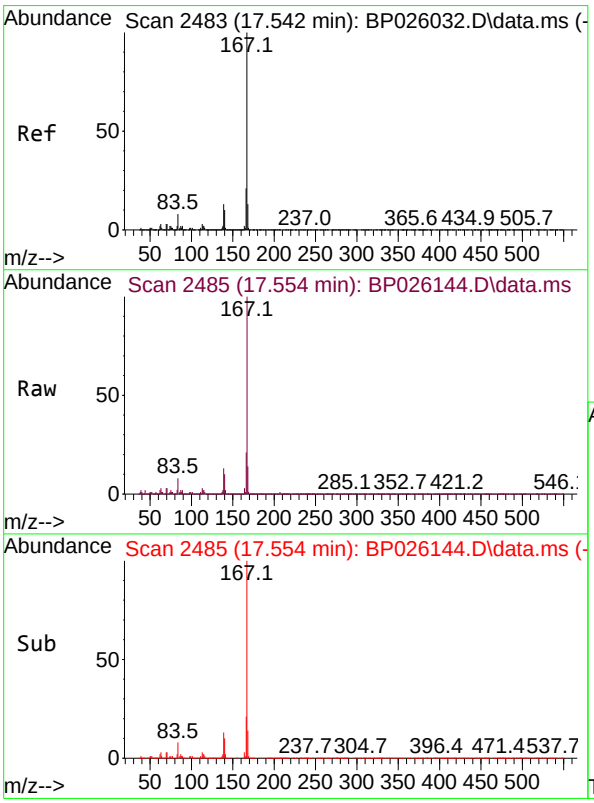

#72
Anthracene
Concen: 4.865 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:178 Resp: 377623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |

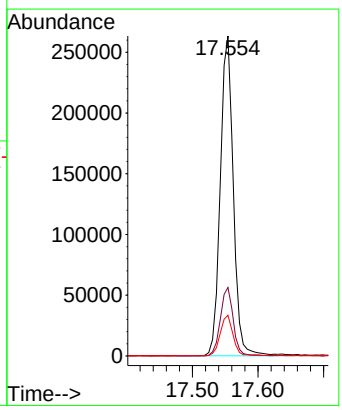


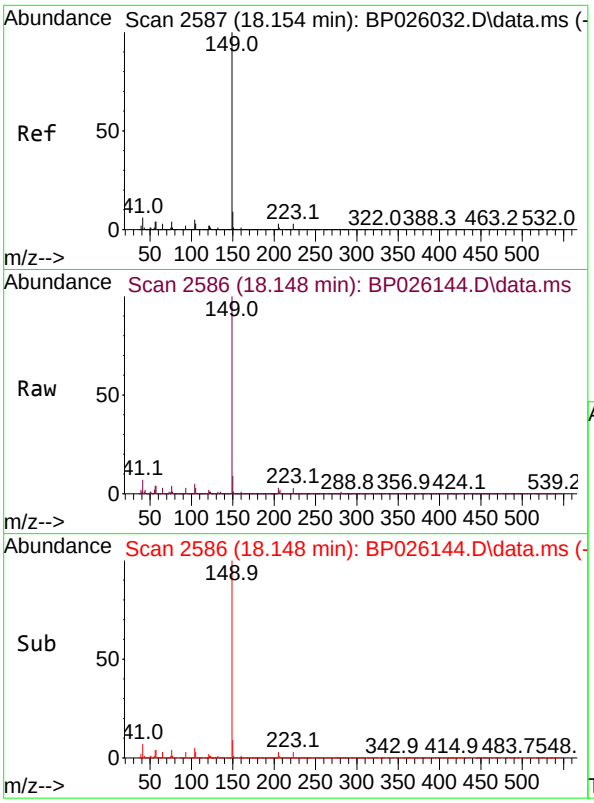




#73
Carbazole
Concen: 4.990 ng
RT: 17.554 min Scan# 2485
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:167 Resp: 364556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.1 | 25.7 |
| 139 | 12.7 | 10.2 | 15.4 |



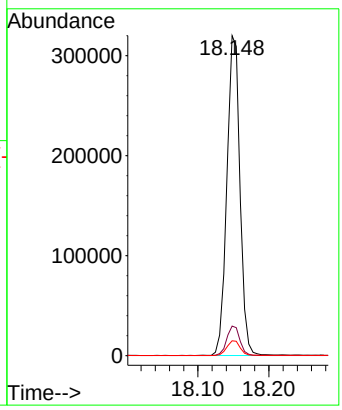


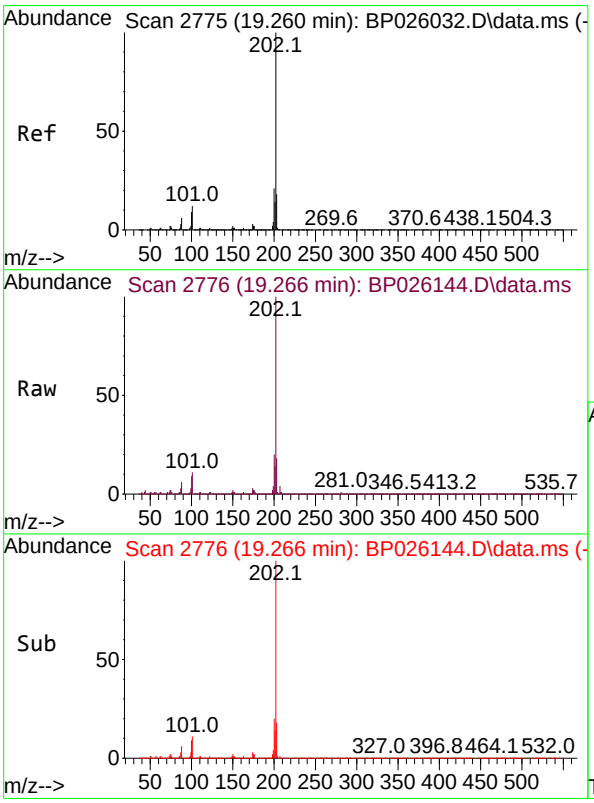

#74
Di-n-butylphthalate
Concen: 4.968 ng
RT: 18.148 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 410422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.5 | 11.3 |
| 104 | 4.6 | 3.6 | 5.4 |

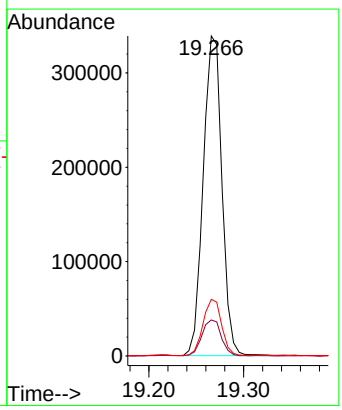


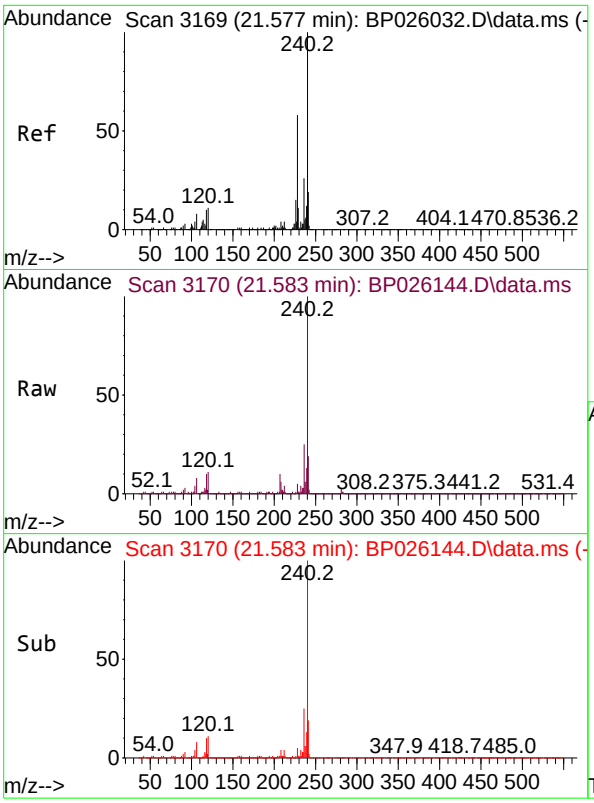




#75
Fluoranthene
Concen: 5.107 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 465623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.2 |
| 203 | 17.7 | 0.0 | 37.7 |



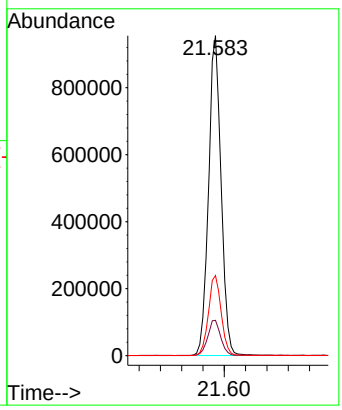


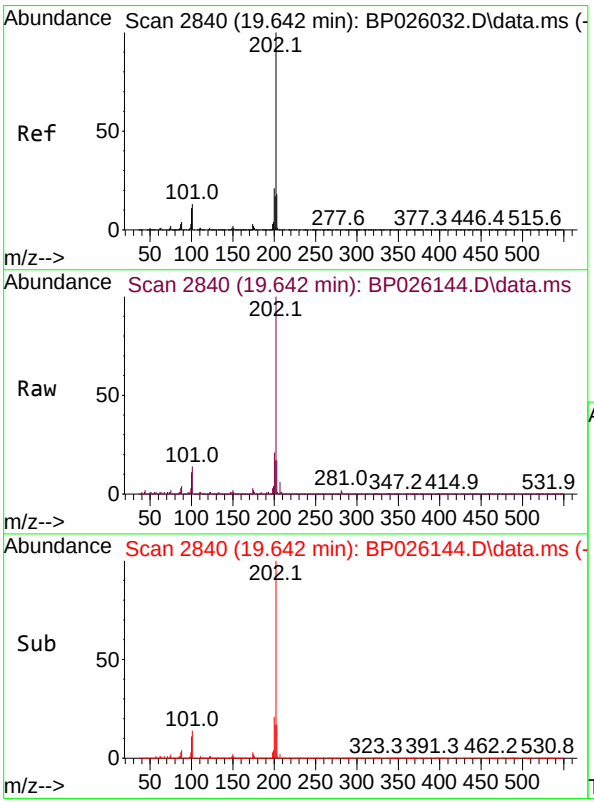

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:240 Resp: 1560462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 9.0 | 13.4 |
| 236 | 25.0 | 20.4 | 30.6 |

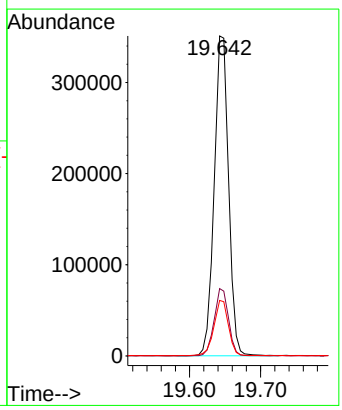


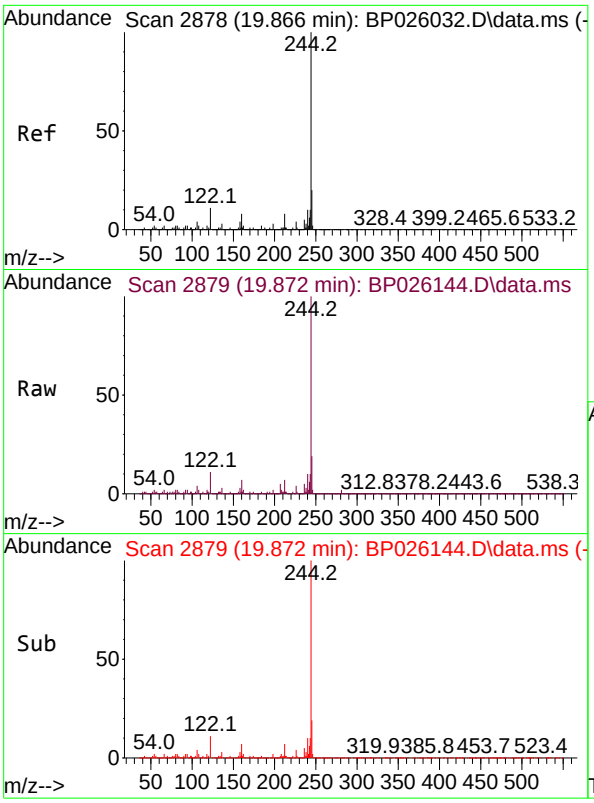




#78
Pyrene
Concen: 4.740 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 493981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.9 | 25.3 |
| 203 | 17.3 | 13.8 | 20.8 |



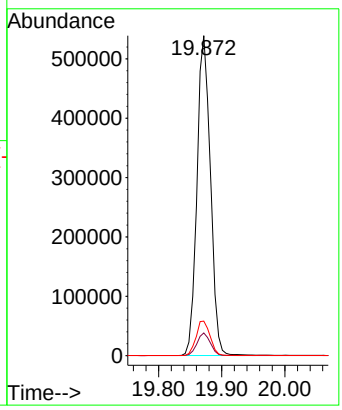


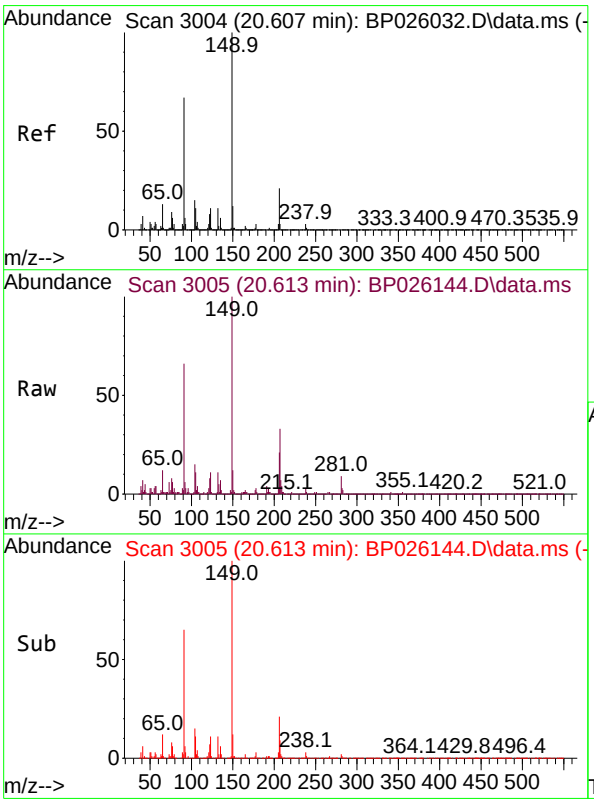

#79
Terphenyl-d14
Concen: 10.439 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:244 Resp: 798858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.8 | 8.8 |
| 122 | 10.8 | 8.2 | 12.2 |

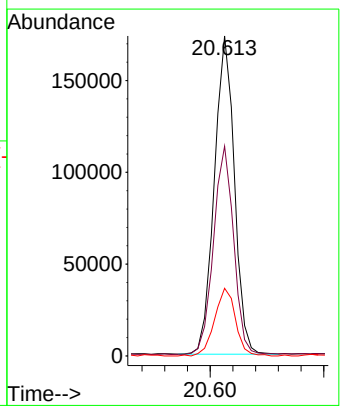


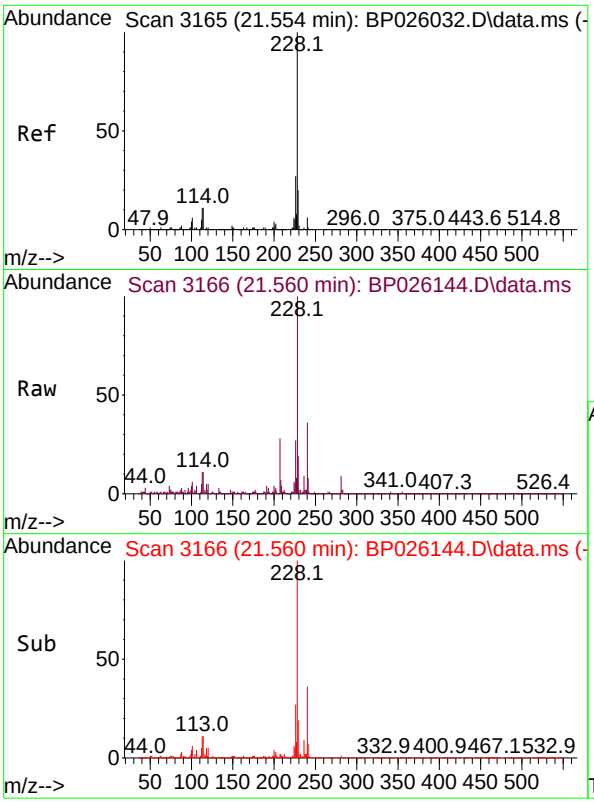




#80
Butylbenzylphthalate
Concen: 6.092 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:149 Resp: 212828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.5 | 52.6 | 79.0 |
| 206 | 21.1 | 16.9 | 25.3 |



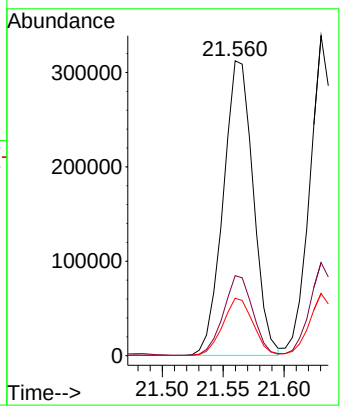


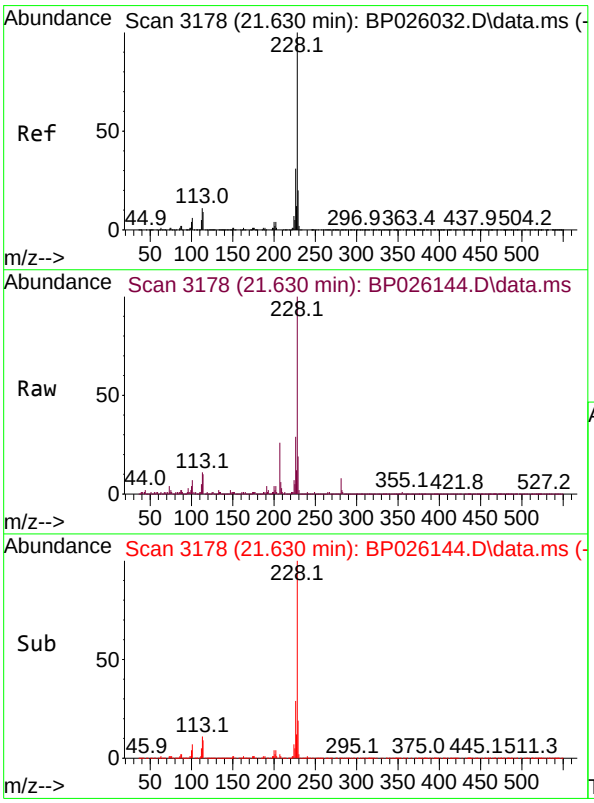

#81
Benzo(a)anthracene
Concen: 5.028 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:228 Resp: 535793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.8 | 32.8 |
| 229 | 19.5 | 15.9 | 23.9 |

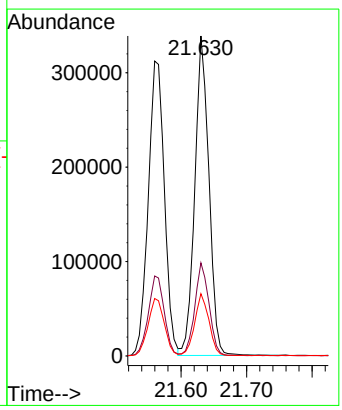


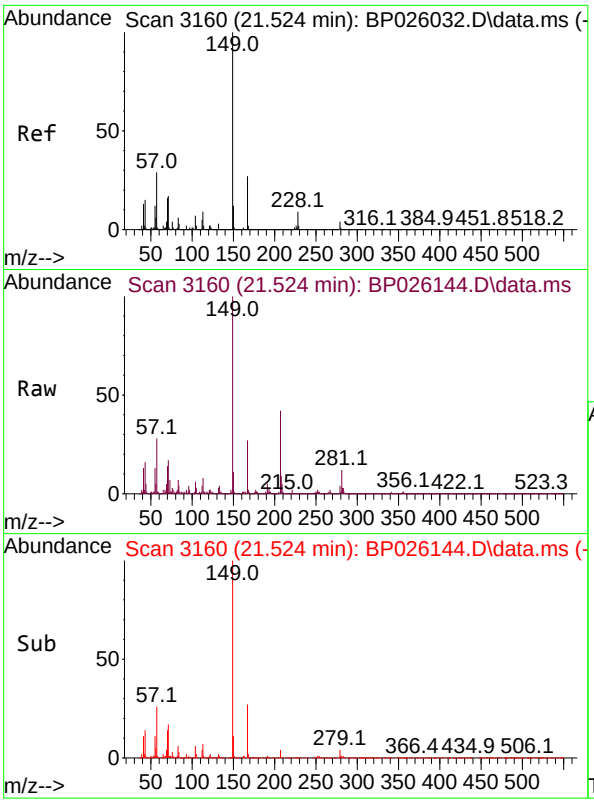




#83
Chrysene
Concen: 5.012 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:228 Resp: 506265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 23.9 | 35.9 |
| 229 | 19.4 | 15.9 | 23.9 |



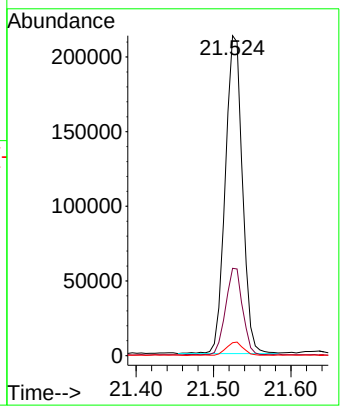


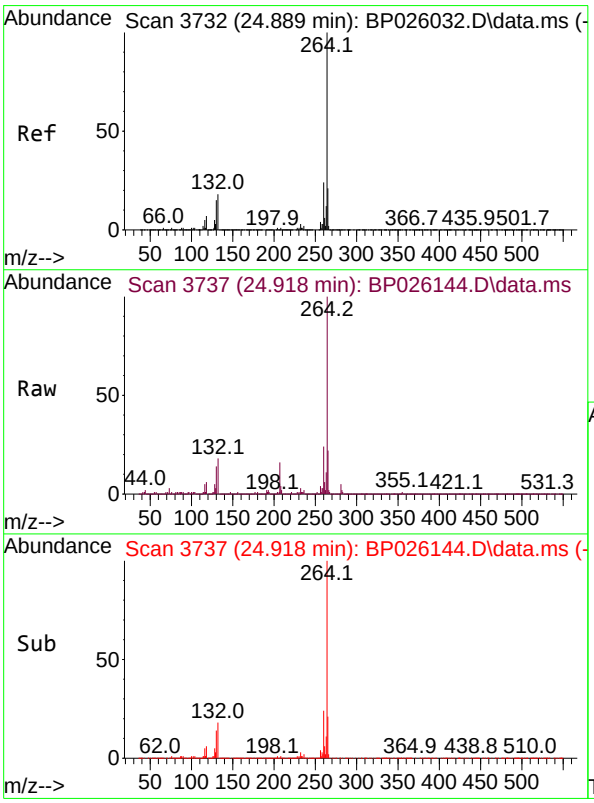

#84
Bis(2-ethylhexyl)phthalate
Concen: 5.749 ng
RT: 21.524 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 328471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 22.1 | 33.1 |
| 279 | 4.1 | 3.3 | 4.9 |

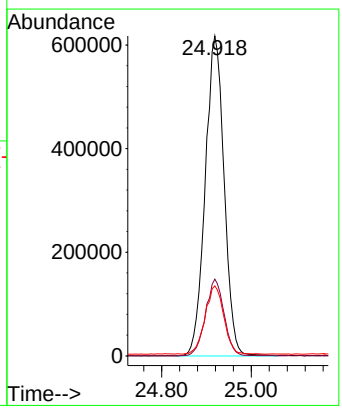


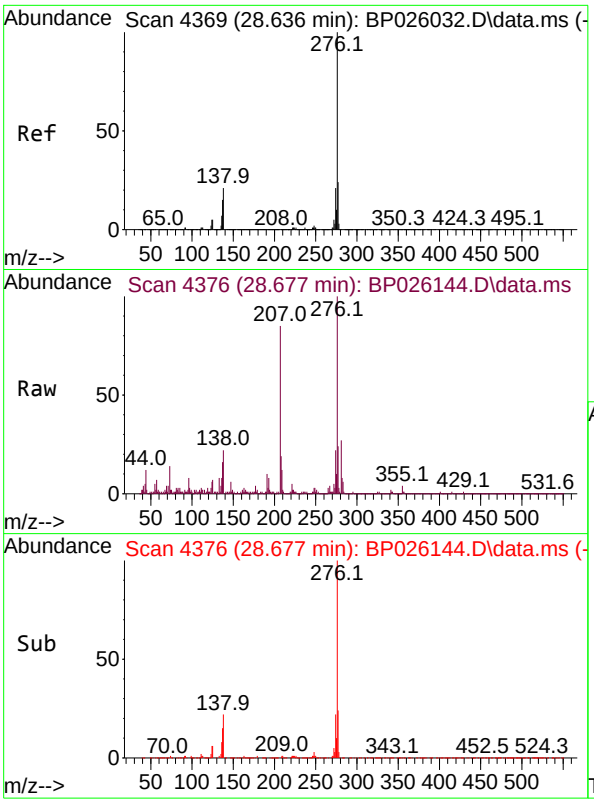




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:264 Resp: 1801943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.7 | 28.1 |
| 265 | 21.9 | 17.5 | 26.3 |



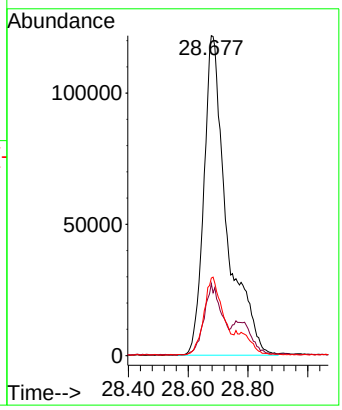


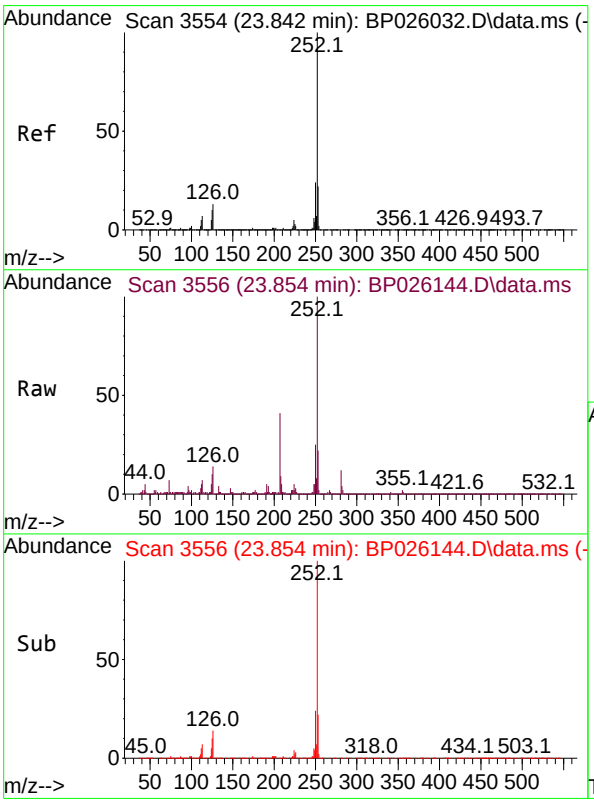

#87
Indeno(1,2,3-cd)pyrene
Concen: 4.913 ng
RT: 28.677 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:276 Resp: 649473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.0 | 13.8 | 20.8 |
| 277 | 20.2 | 16.7 | 25.1 |

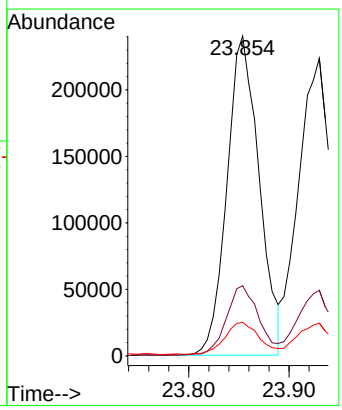


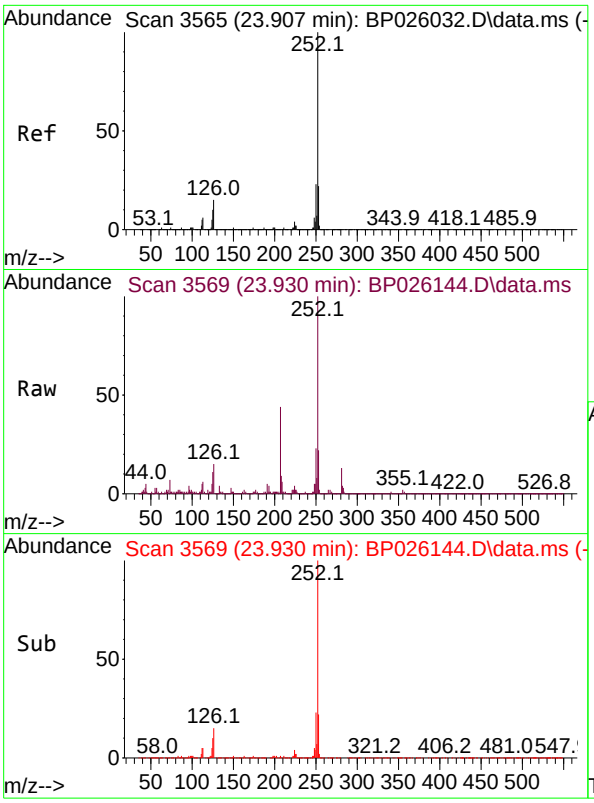




#88
Benzo(b)fluoranthene
Concen: 4.848 ng
RT: 23.854 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:252 Resp: 535938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.6 | 26.4 |
| 125 | 10.5 | 8.2 | 12.4 |



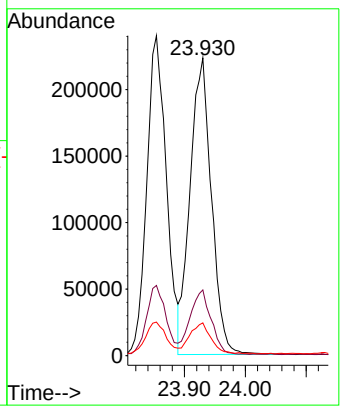


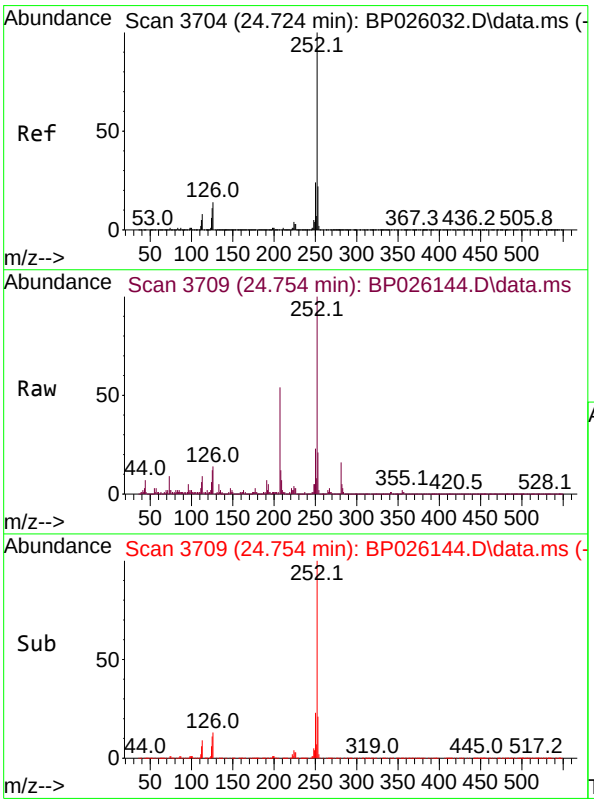

#89
Benzo(k)fluoranthene
Concen: 4.807 ng
RT: 23.930 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:252 Resp: 543312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 11.0 | 7.5 | 11.3 |

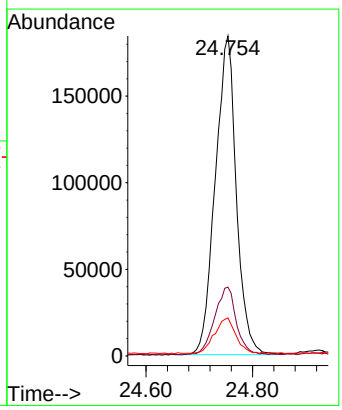


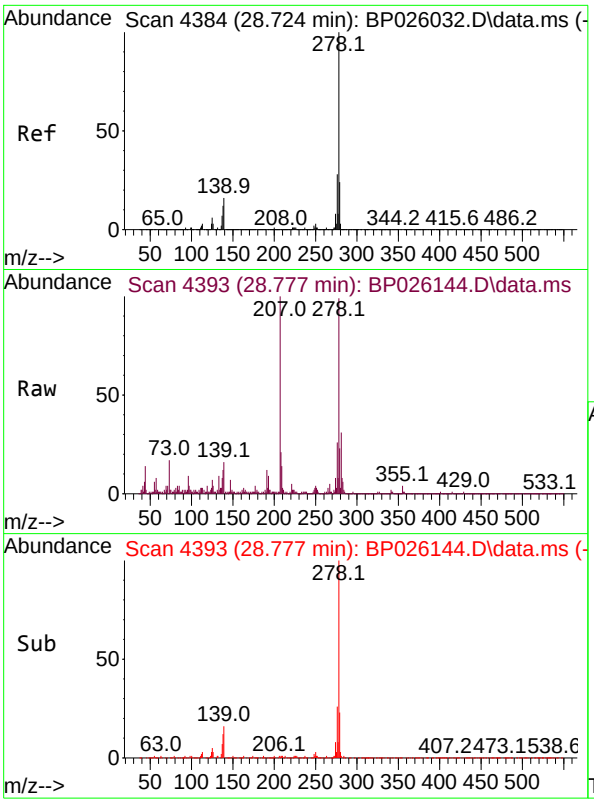




#90
Benzo(a)pyrene
Concen: 4.939 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:252 Resp: 504836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.4 | 26.2 |
| 125 | 11.9 | 9.0 | 13.6 |



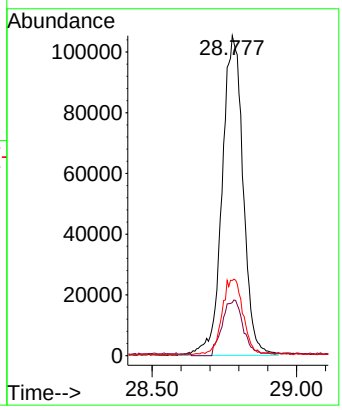


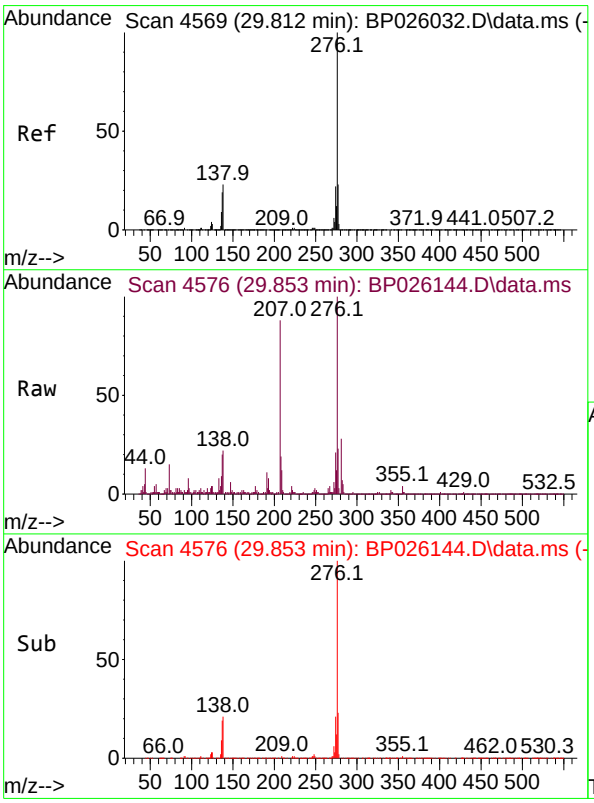

#91
Dibenzo(a,h)anthracene
Concen: 4.920 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:278 Resp: 530340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.6 | 13.2 | 19.8 |
| 279 | 23.5 | 19.2 | 28.8 |

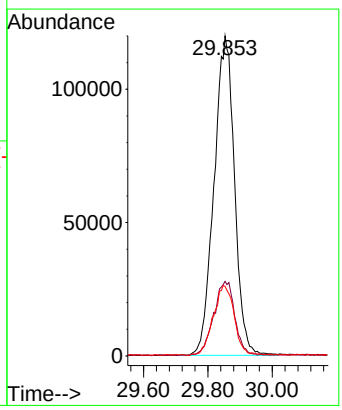



#92
Benzo(g,h,i)perylene
Concen: 5.083 ng
RT: 29.853 min Scan# 4576
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:276 Resp: 529220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 18.8 | 28.2 |
| 138 | 21.7 | 17.8 | 26.6 |



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 248452 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.437 | 136 | 980614 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 630488 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1297120 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.572 | 240 | 1508224 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.918 | 264 | 1757840 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 310270 | 20.603 | ng | | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 388699 | 20.348 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.808 | 82 | 349731 | 22.067 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 159702 | 23.122 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 909238 | 20.807 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.866 | 244 | 1563806 | 21.144 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 64612 | 10.226 | ng | | 99 |
| 3) Pyridine | 3.620 | 79 | 181259 | 10.090 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 66399 | 9.326 | ng | # | 94 |
| 6) Aniline | 7.002 | 93 | 254679 | 10.001 | ng | | 99 |
| 8) 2-Chlorophenol | 7.237 | 128 | 173633 | 10.408 | ng | | 98 |
| 9) Benzaldehyde | 6.819 | 77 | 119591 | 12.428 | ng | | 99 |
| 10) Phenol | 6.872 | 94 | 206001 | 9.752 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 165713 | 9.908 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 189523 | 9.947 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 192215 | 9.966 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 184124 | 9.995 | ng | | 100 |
| 15) Benzyl Alcohol | 7.902 | 79 | 133455 | 9.660 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.190 | 45 | 228694 | 9.130 | ng | | 98 |
| 17) 2-Methylphenol | 8.108 | 107 | 139821 | 10.067 | ng | | 99 |
| 18) Hexachloroethane | 8.743 | 117 | 69441 | 10.421 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.460 | 70 | 119306 | 10.077 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.431 | 107 | 190027 | 9.845 | ng | | 99 |
| 22) Acetophenone | 8.478 | 105 | 255635 | 10.340 | ng | # | 99 |
| 24) Nitrobenzene | 8.849 | 77 | 174709 | 10.525 | ng | | 99 |
| 25) Isophorone | 9.378 | 82 | 339778 | 10.129 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 80502 | 14.210 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.619 | 122 | 160115 | 11.184 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.855 | 93 | 215062 | 10.157 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 157750 | 10.558 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 165087 | 10.189 | ng | | 100 |
| 31) Naphthalene | 10.484 | 128 | 546001 | 10.256 | ng | | 99 |
| 32) Benzoic acid | 9.702 | 122 | 102438 | 11.868 | ng | | 99 |
| 33) 4-Chloroaniline | 10.590 | 127 | 225844 | 10.919 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 106776 | 10.297 | ng | | 98 |
| 35) Caprolactam | 11.354 | 113 | 55204 | 10.571 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 11.725 | 107 | 167761 | 10.736 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.101 | 142 | 387952 | 10.423 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 376177 | 10.395 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.472 | 216 | 192367 | 9.860 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.460 | 237 | 109280 | 13.468 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.713 | 196 | 127331 | 10.910 | ng | | 98 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

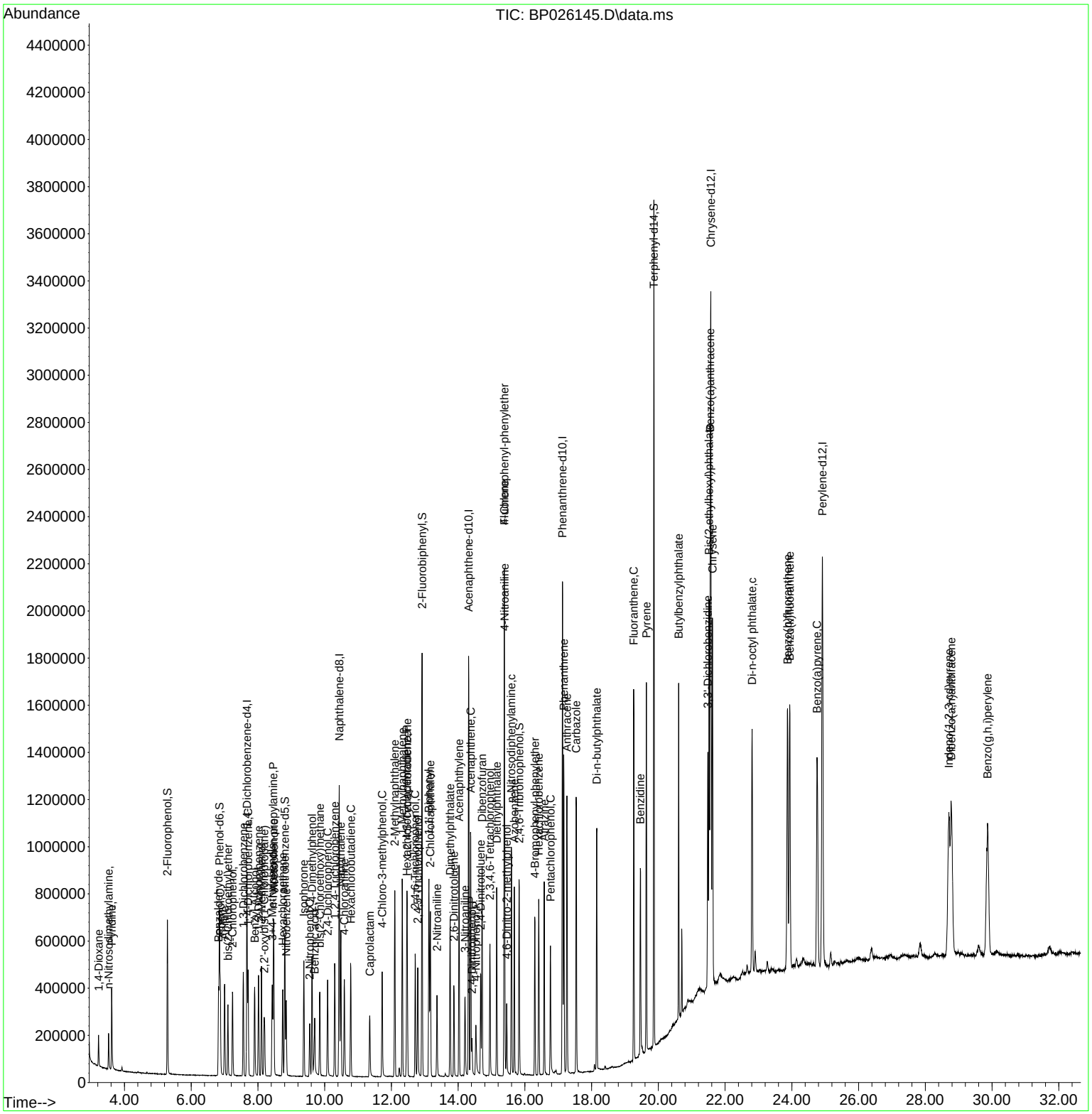
| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.790 | 196 | 143128 | 10.794 | ng | | 98 |
| 46) | 1,1'-Biphenyl | 13.125 | 154 | 485448 | 10.101 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 13.166 | 162 | 382981 | 10.136 | ng | | 99 |
| 48) | 2-Nitroaniline | 13.366 | 65 | 97829 | 11.256 | ng | | 93 |
| 49) | Acenaphthylene | 14.025 | 152 | 626312 | 11.215 | ng | | 99 |
| 50) | Dimethylphthalate | 13.760 | 163 | 478267 | 10.476 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 13.872 | 165 | 84028 | 10.948 | ng | | 90 |
| 52) | Acenaphthene | 14.378 | 154 | 372613 | 9.972 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.207 | 138 | 103894 | 11.189 | ng | # | 94 |
| 54) | 2,4-Dinitrophenol | 14.413 | 184 | 38962 | 11.062 | ng | # | 89 |
| 55) | Dibenzofuran | 14.719 | 168 | 577473 | 10.148 | ng | | 98 |
| 56) | 4-Nitrophenol | 14.531 | 139 | 91274 | 9.876 | ng | | 92 |
| 57) | 2,4-Dinitrotoluene | 14.678 | 165 | 128442 | 11.467 | ng | | 100 |
| 58) | Fluorene | 15.384 | 166 | 469782 | 10.507 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 123375 | 11.749 | ng | | 99 |
| 60) | Diethylphthalate | 15.154 | 149 | 475038 | 10.343 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.384 | 204 | 226085 | 10.144 | ng | | 97 |
| 62) | 4-Nitroaniline | 15.390 | 138 | 113144 | 11.490 | ng | | 98 |
| 63) | Azobenzene | 15.684 | 77 | 402256 | 9.741 | ng | | 100 |
| 65) | 4,6-Dinitro-2-methylph... | 15.454 | 198 | 64177 | 11.592 | ng | | 93 |
| 66) | n-Nitrosodiphenylamine | 15.595 | 169 | 415043 | 10.270 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.301 | 248 | 142168 | 9.873 | ng | | 98 |
| 68) | Hexachlorobenzene | 16.413 | 284 | 168597 | 10.292 | ng | | 100 |
| 69) | Atrazine | 16.584 | 200 | 150203 | 10.842 | ng | | 98 |
| 70) | Pentachlorophenol | 16.766 | 266 | 109980 | 10.777 | ng | | 100 |
| 71) | Phenanthrene | 17.166 | 178 | 764343 | 10.200 | ng | | 99 |
| 72) | Anthracene | 17.260 | 178 | 774553 | 10.360 | ng | | 100 |
| 73) | Carbazole | 17.536 | 167 | 763690 | 10.854 | ng | | 99 |
| 74) | Di-n-butylphthalate | 18.154 | 149 | 836819 | 10.517 | ng | | 99 |
| 75) | Fluoranthene | 19.260 | 202 | 949438 | 10.812 | ng | | 100 |
| 77) | Benzidine | 19.460 | 184 | 547975 | 13.836 | ng | | 99 |
| 78) | Pyrene | 19.642 | 202 | 994219 | 9.871 | ng | | 100 |
| 80) | Butylbenzylphthalate | 20.607 | 149 | 416294 | 12.328 | ng | | 98 |
| 81) | Benzo(a)anthracene | 21.554 | 228 | 1056422 | 10.258 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.483 | 252 | 386780 | 11.403 | ng | | 99 |
| 83) | Chrysene | 21.619 | 228 | 1007569 | 10.321 | ng | | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.519 | 149 | 622482 | 11.273 | ng | | 100 |
| 85) | Di-n-octyl phthalate | 22.807 | 149 | 1066561 | 11.335 | ng | | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.706 | 276 | 1303884 | 10.110 | ng | | 99 |
| 88) | Benzo(b)fluoranthene | 23.871 | 252 | 1077584 | 9.993 | ng | | 100 |
| 89) | Benzo(k)fluoranthene | 23.936 | 252 | 1079191 | 9.789 | ng | | 98 |
| 90) | Benzo(a)pyrene | 24.754 | 252 | 1013571 | 10.165 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.777 | 278 | 1072192 | 10.197 | ng | | 99 |
| 92) | Benzo(g,h,i)perylene | 29.865 | 276 | 1080830 | 10.641 | ng | | 99 |

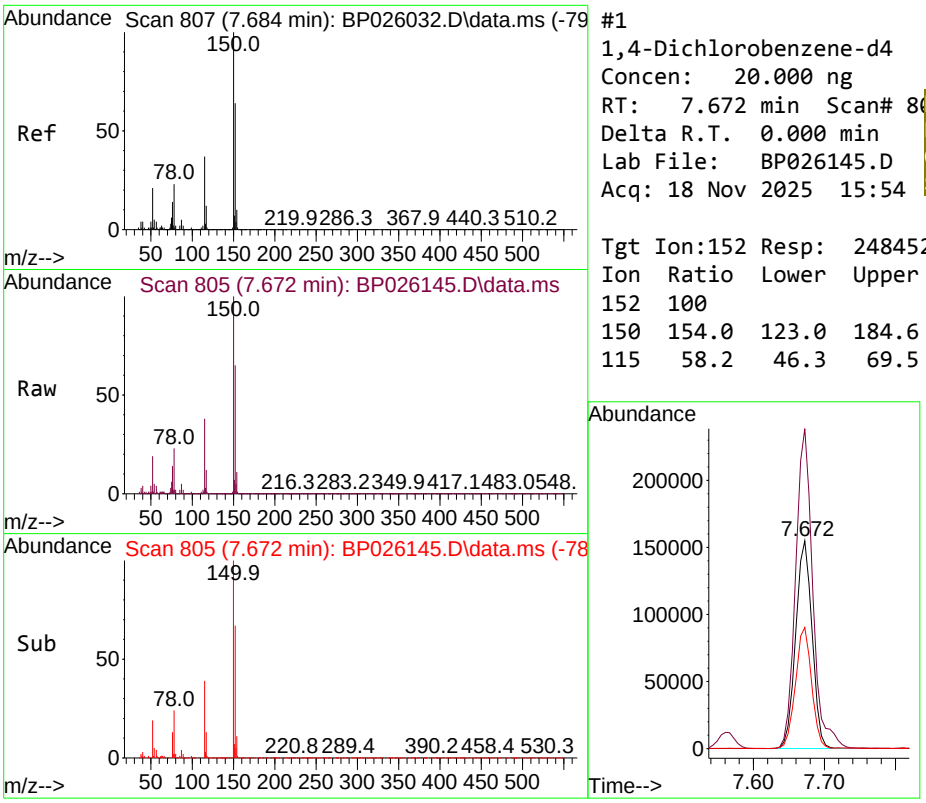
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration





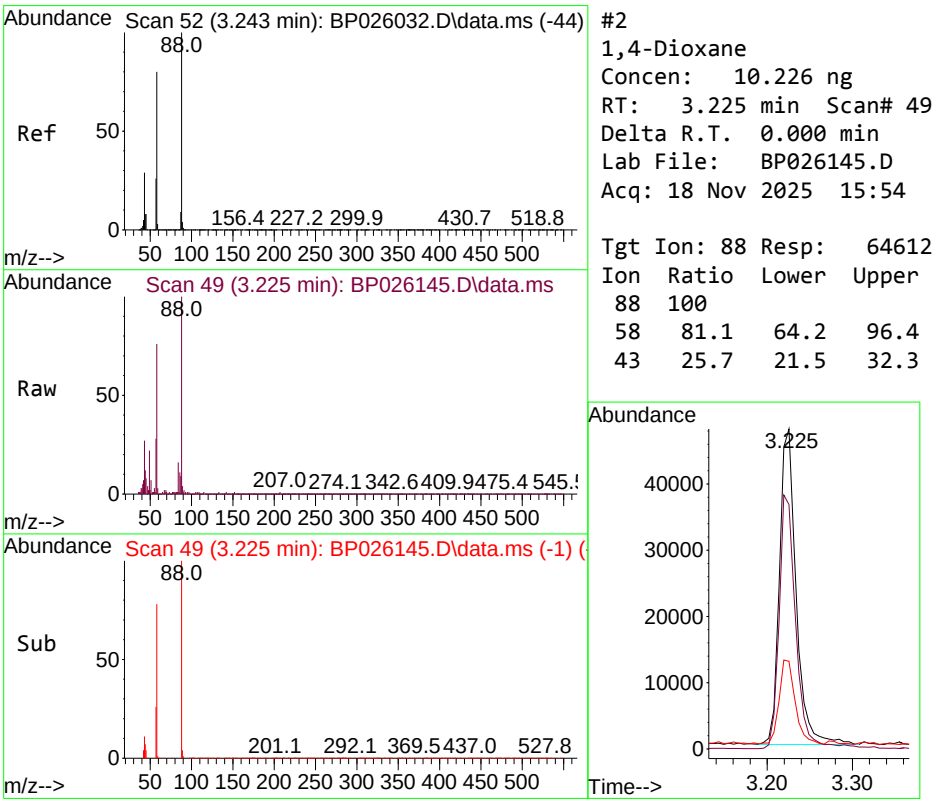

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 248452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.0 | 123.0 | 184.6 |
| 115 | 58.2 | 46.3 | 69.5 |

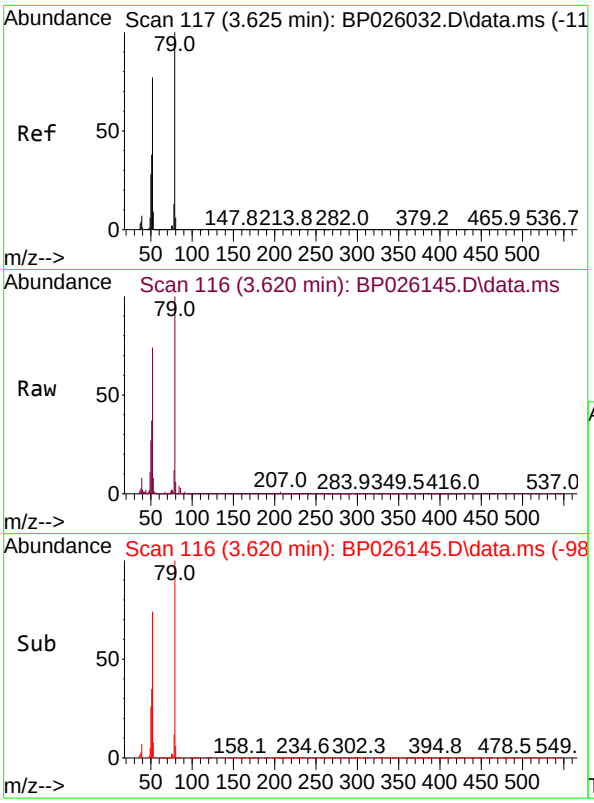



#2
1,4-Dioxane
Concen: 10.226 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 88 Resp: 64612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.1 | 64.2 | 96.4 |
| 43 | 25.7 | 21.5 | 32.3 |

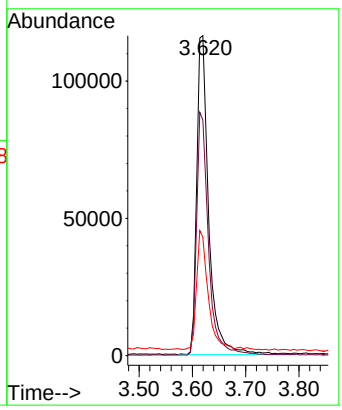


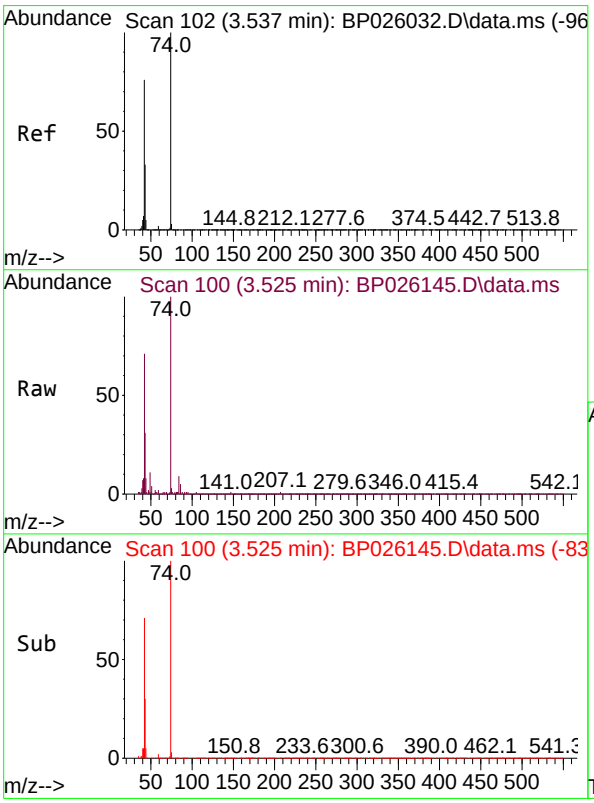

#3
Pyridine
Concen: 10.090 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 181259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.6 | 60.2 | 90.2 |
| 51 | 37.0 | 29.5 | 44.3 |

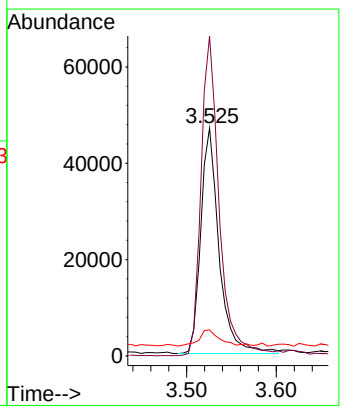


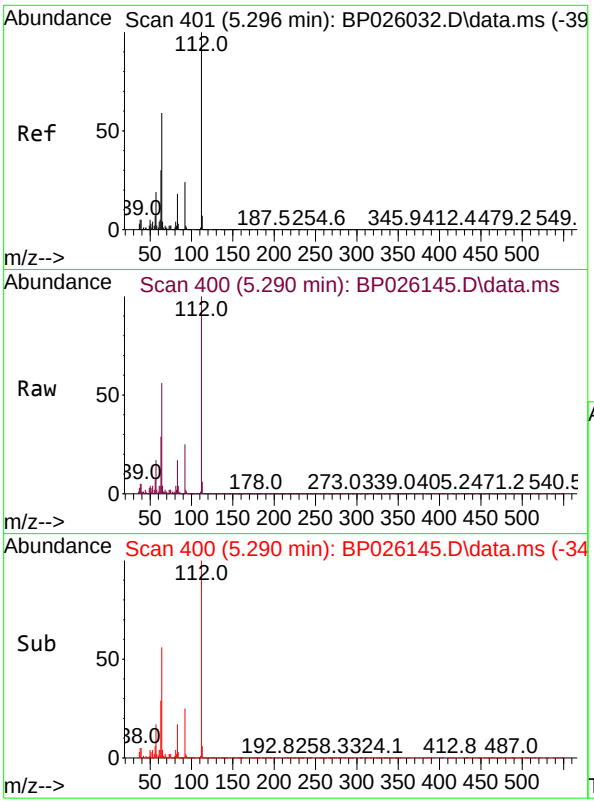




#4
n-Nitrosodimethylamine
Concen: 9.326 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 42 Resp: 66399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.4 | 118.1 | 177.1 |
| 44 | 11.4 | 6.2 | 9.4# |



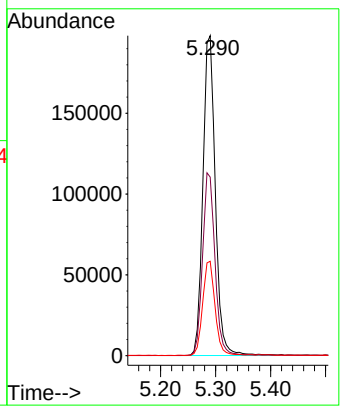


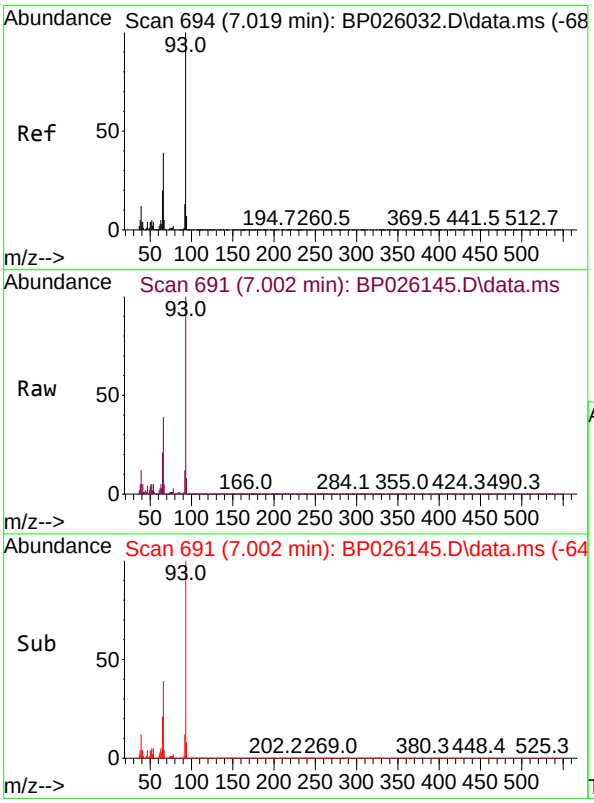

#5
2-Fluorophenol
Concen: 20.603 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:112 Resp: 310270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.8 | 45.8 | 68.6 |
| 63 | 29.5 | 23.5 | 35.3 |

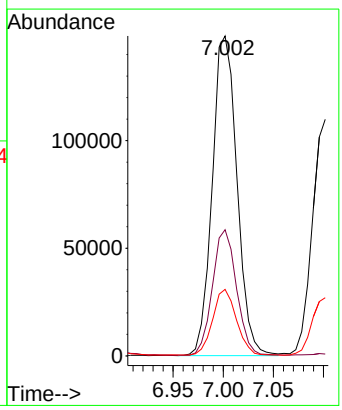


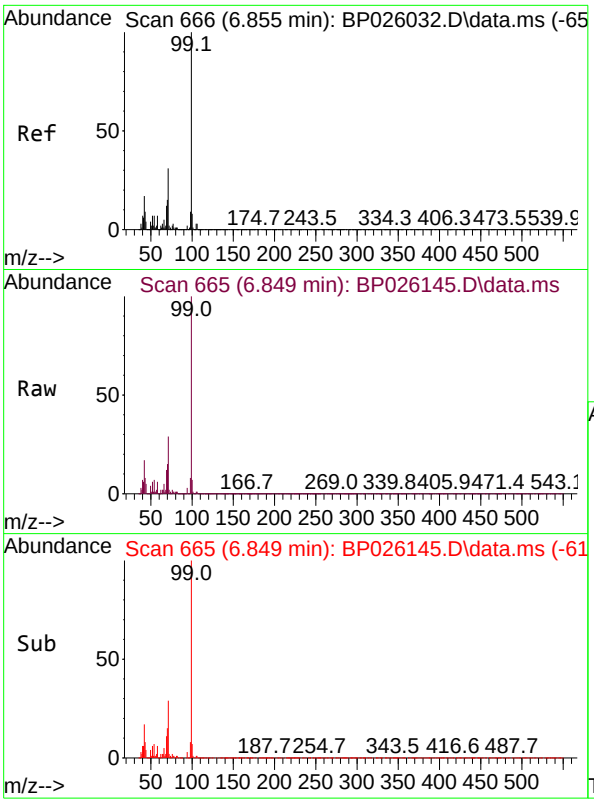




#6
Aniline
Concen: 10.001 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 93 Resp: 254679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.4 | 31.7 | 47.5 |
| 65 | 20.8 | 15.8 | 23.6 |



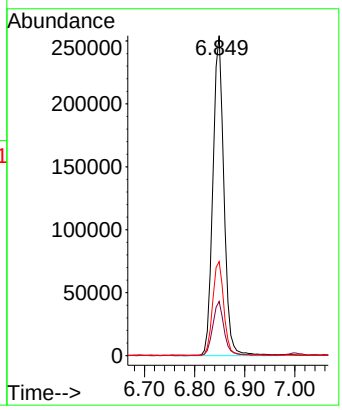


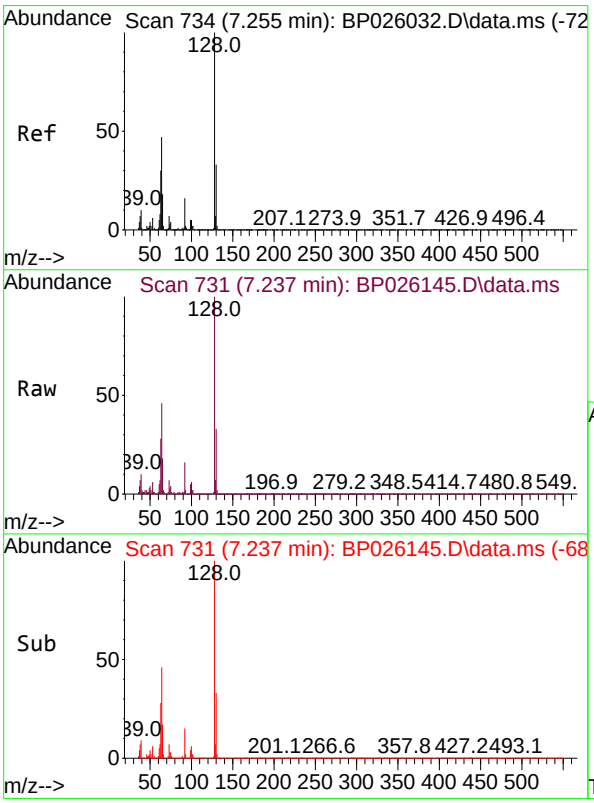

#7
Phenol-d6
Concen: 20.348 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 99 Resp: 388699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 12.9 | 19.3 |
| 71 | 29.4 | 24.8 | 37.2 |

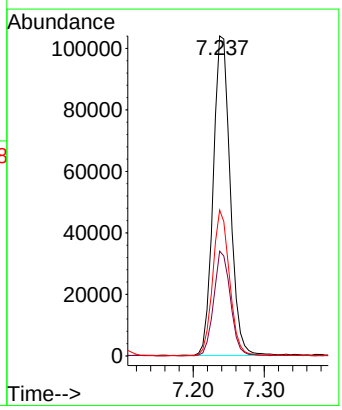


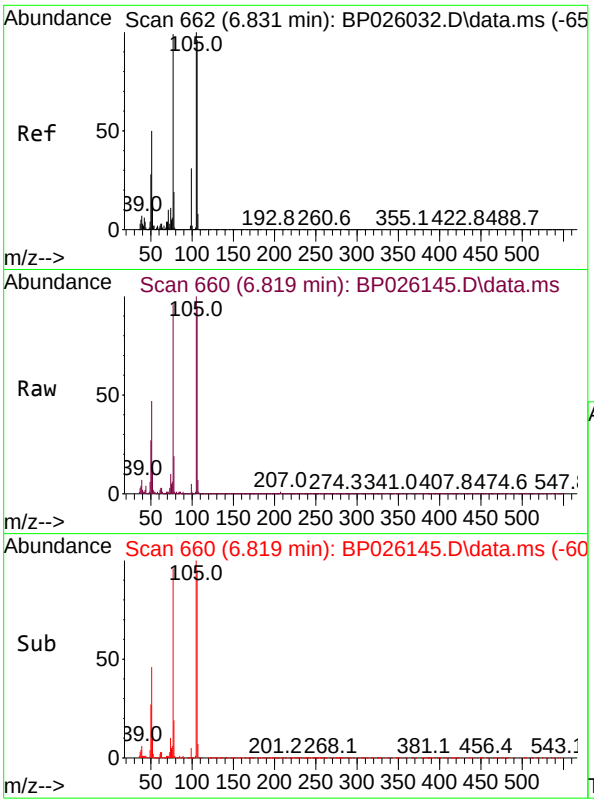




#8
2-Chlorophenol
Concen: 10.408 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:128 Resp: 173633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 12.4 | 52.4 |
| 64 | 45.6 | 23.9 | 63.9 |



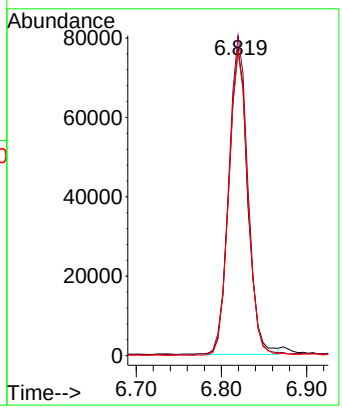


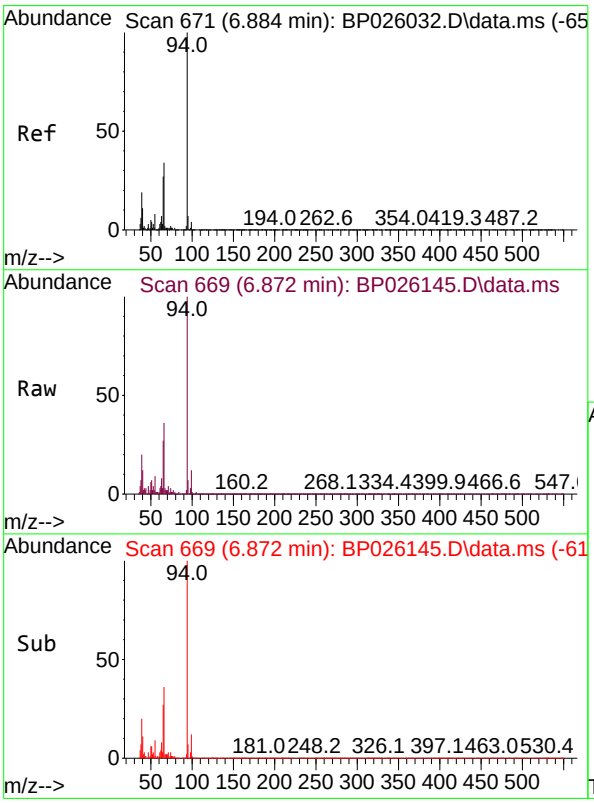

#9
Benzaldehyde
Concen: 12.428 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 119591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.1 | 82.9 | 122.9 |
| 106 | 99.0 | 77.8 | 117.8 |

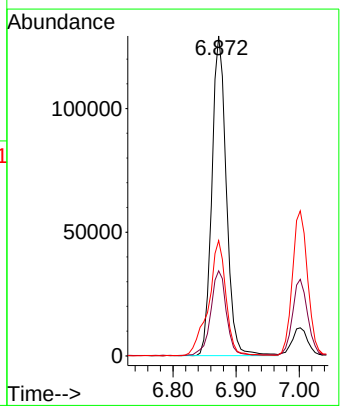


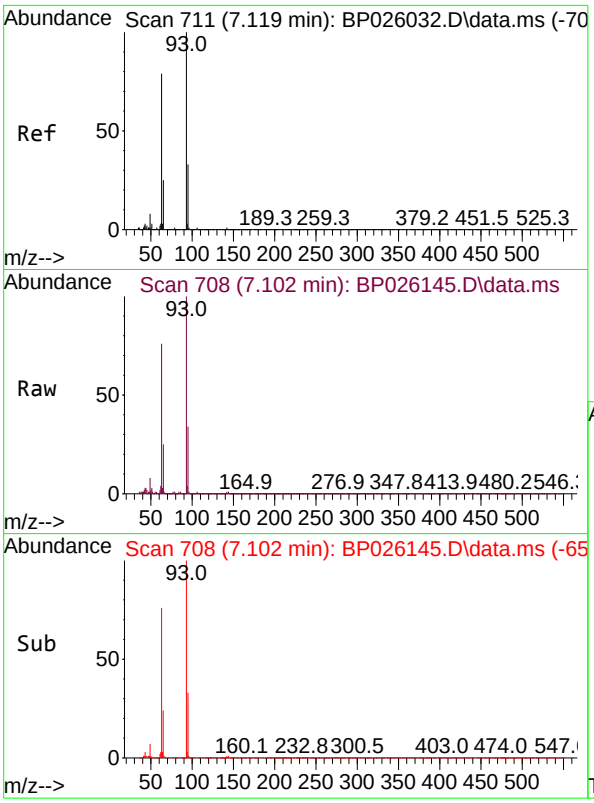




#10
Phenol
Concen: 9.752 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 94 Resp: 206001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.6 | 7.0 | 47.0 |
| 66 | 36.0 | 14.5 | 54.5 |



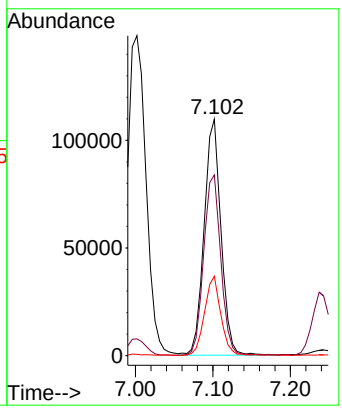


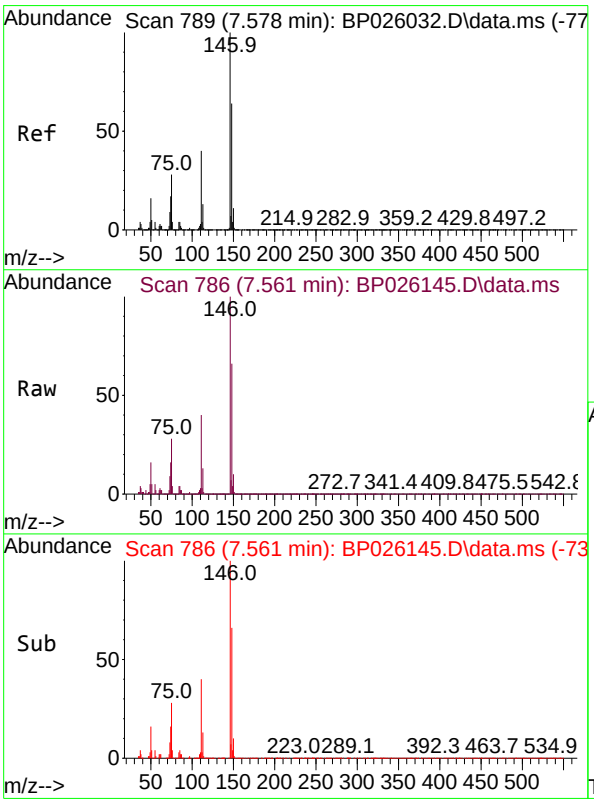

#11
bis(2-Chloroethyl)ether
Concen: 9.908 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 93 Resp: 165713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.4 | 58.8 | 98.8 |
| 95 | 33.6 | 12.1 | 52.1 |

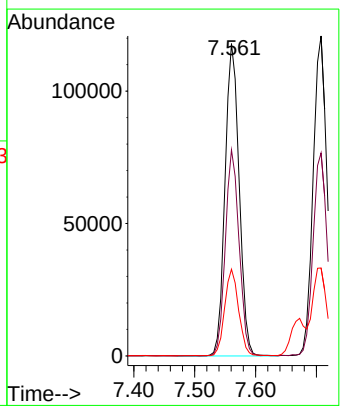


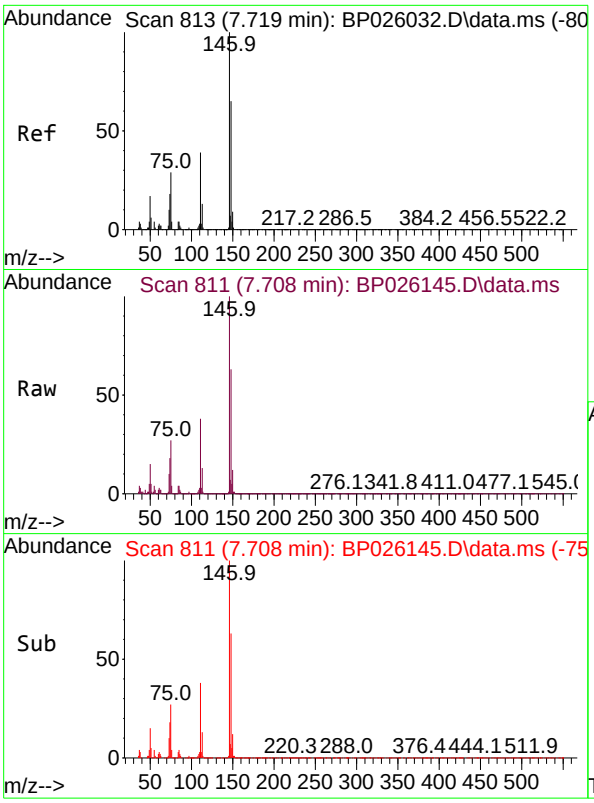




#12
1,3-Dichlorobenzene
Concen: 9.947 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:146 Resp: 189523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.0 | 51.8 | 77.8 |
| 75 | 27.7 | 22.2 | 33.2 |



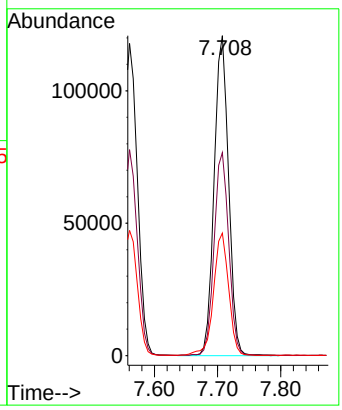


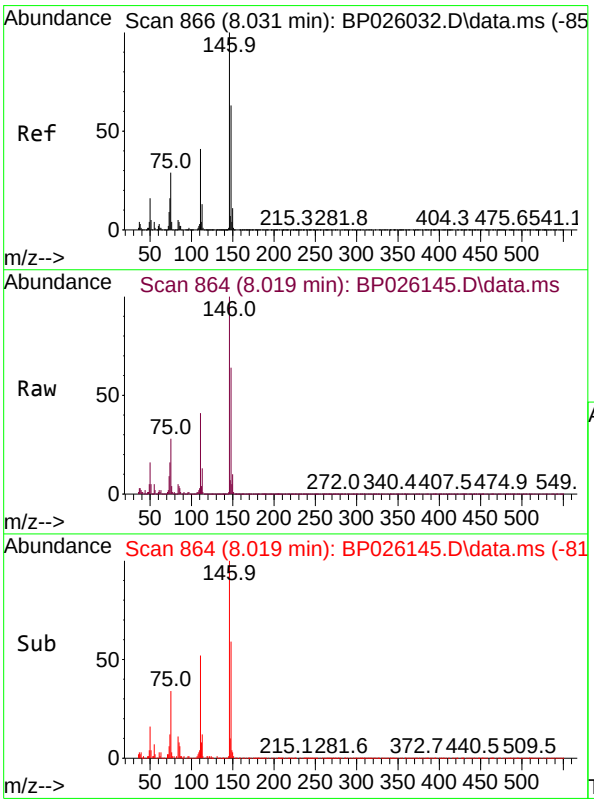

#13
1,4-Dichlorobenzene
Concen: 9.966 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:146 Resp: 192215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.4 | 77.2 |
| 111 | 38.3 | 31.7 | 47.5 |

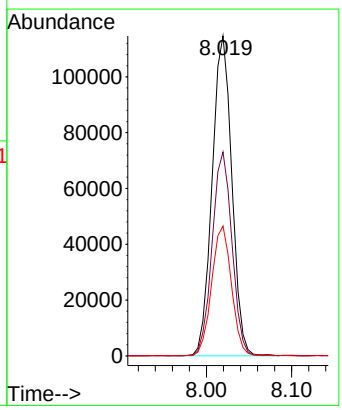


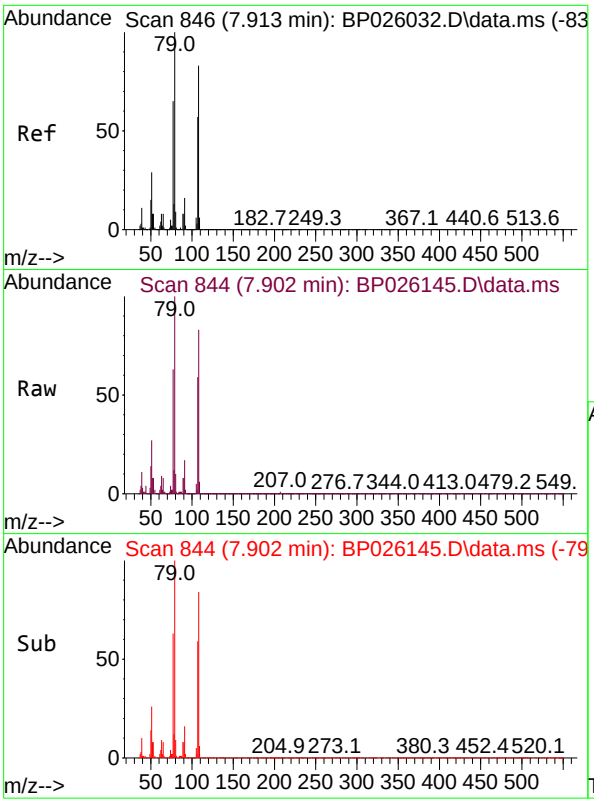




#14
1,2-Dichlorobenzene
Concen: 9.995 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:146 Resp: 184124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.0 | 76.6 |
| 111 | 40.6 | 33.0 | 49.4 |



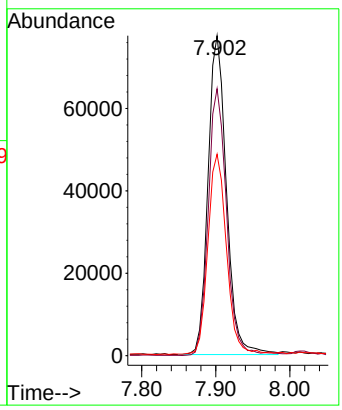


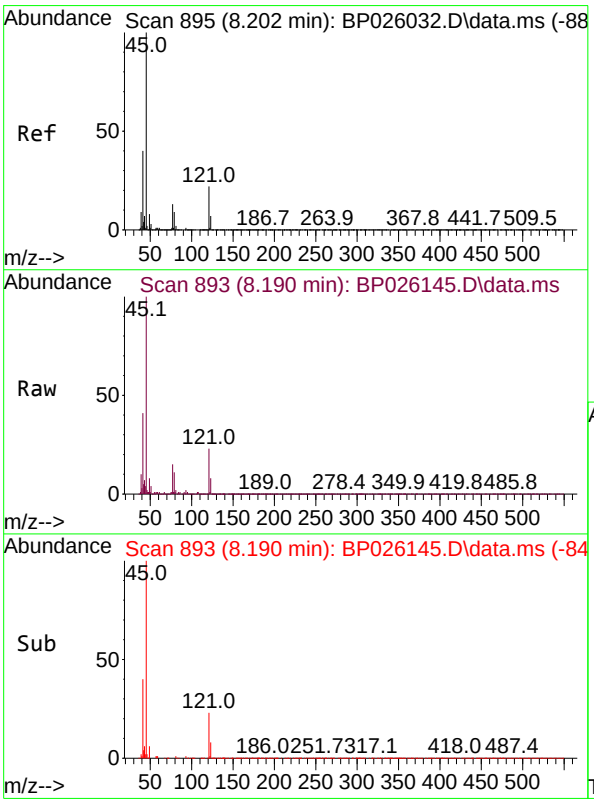

#15
Benzyl Alcohol
Concen: 9.660 ng
RT: 7.902 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 133455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.4 | 66.2 | 99.4 |
| 77 | 62.9 | 50.0 | 75.0 |

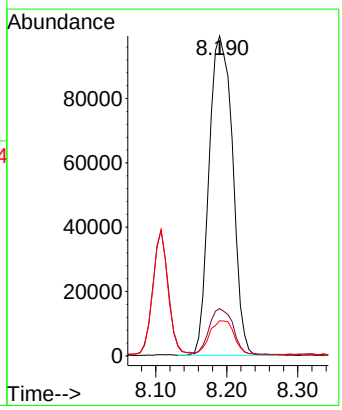


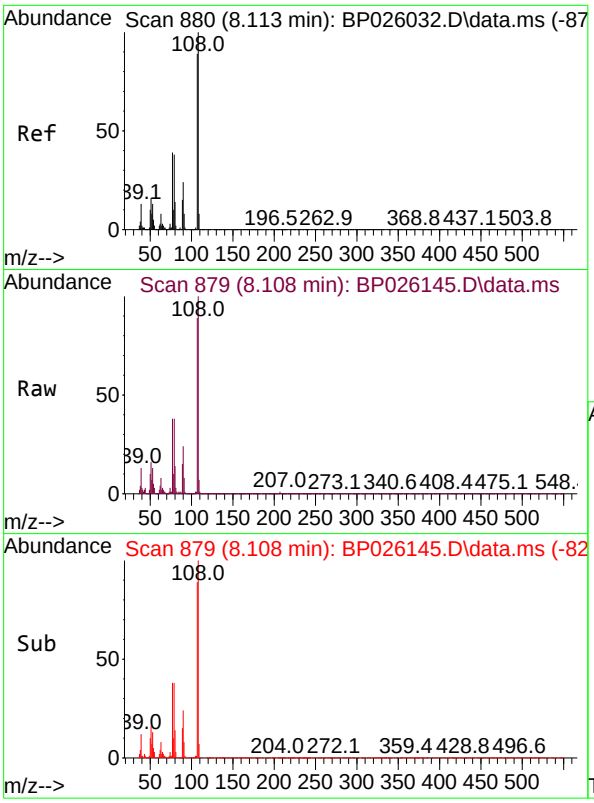




#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.130 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 45 Resp: 228694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.8 | 0.0 | 33.9 |
| 79 | 11.0 | 0.0 | 30.4 |



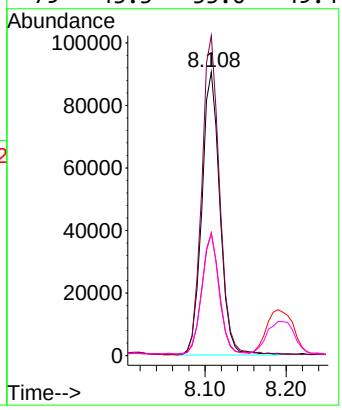


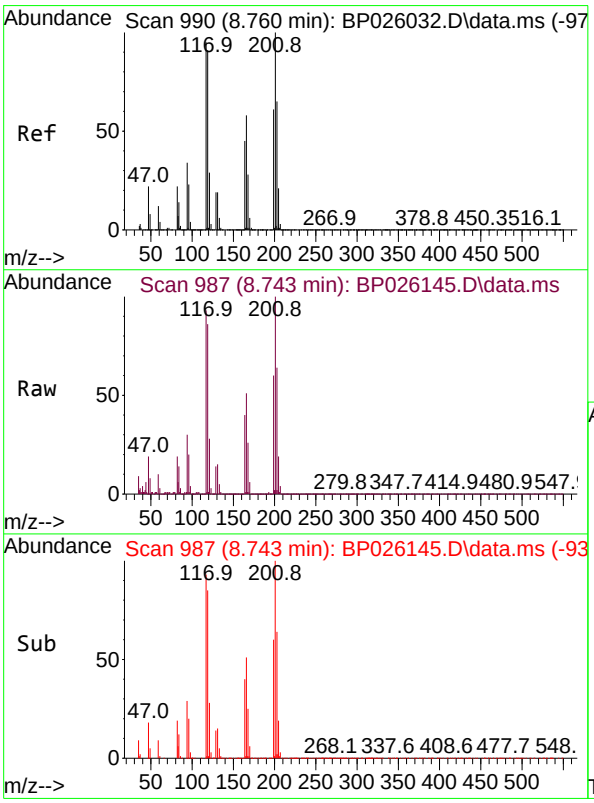

#17
2-Methylphenol
Concen: 10.067 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:107 Resp: 139821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.8 | 89.7 | 134.5 |
| 77 | 43.2 | 33.9 | 50.9 |
| 79 | 43.3 | 33.0 | 49.4 |

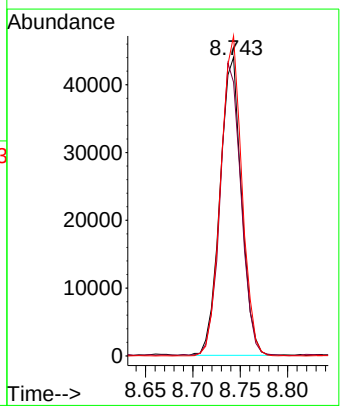


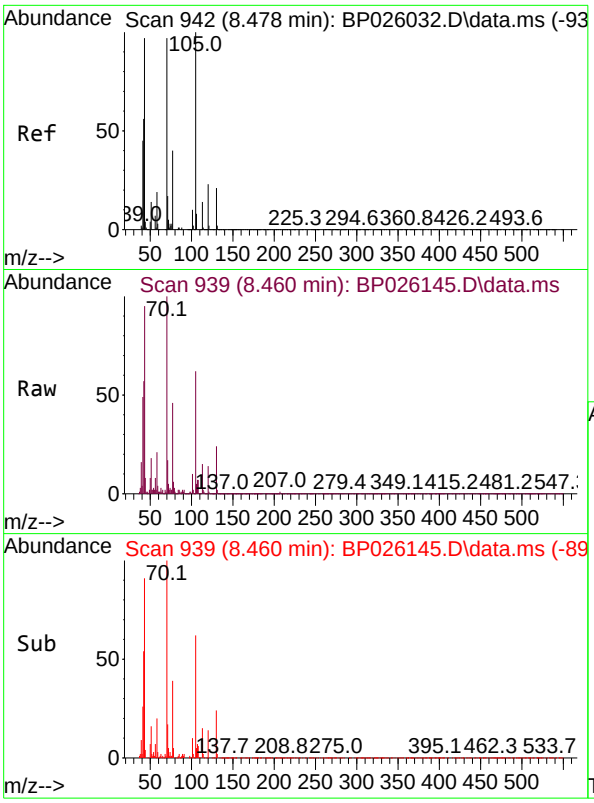




#18
Hexachloroethane
Concen: 10.421 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:117 Resp: 69441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.6 | 78.7 | 118.1 |
| 201 | 107.2 | 85.1 | 127.7 |



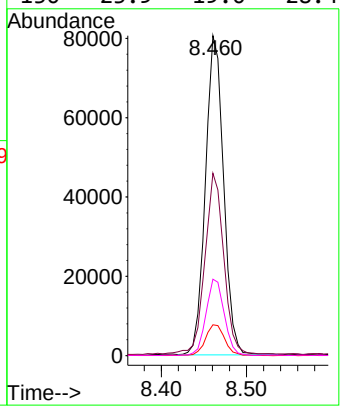


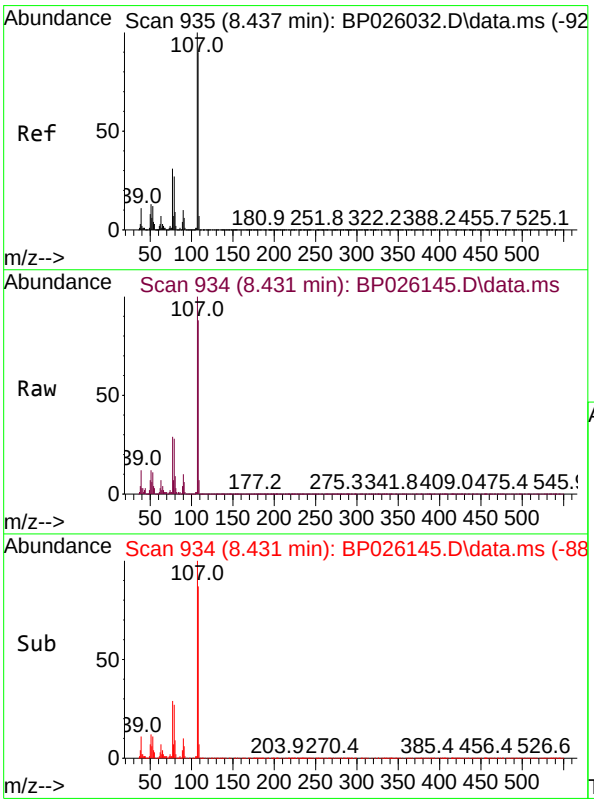

#19
n-Nitroso-di-n-propylamine
Concen: 10.077 ng
RT: 8.460 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 70 Resp: 119306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.0 | 44.1 | 66.1 |
| 101 | 9.6 | 8.2 | 12.4 |
| 130 | 23.9 | 19.0 | 28.4 |

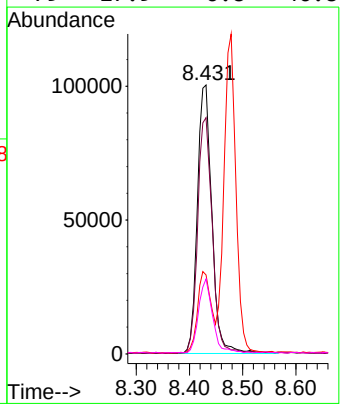


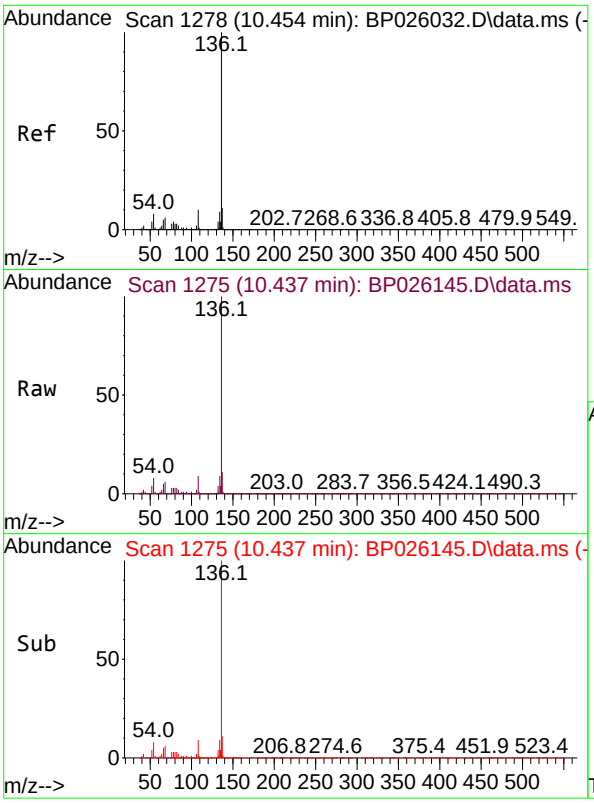




#20
3+4-Methylphenols
Concen: 9.845 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:107 Resp: 190027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.9 | 68.9 | 108.9 |
| 77 | 29.4 | 10.4 | 50.4 |
| 79 | 27.9 | 6.8 | 46.8 |



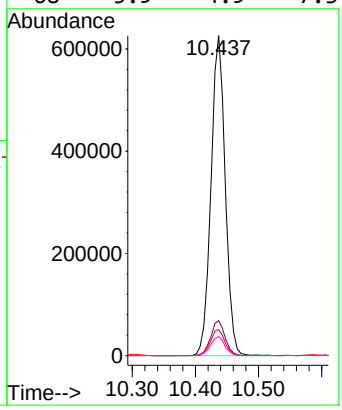


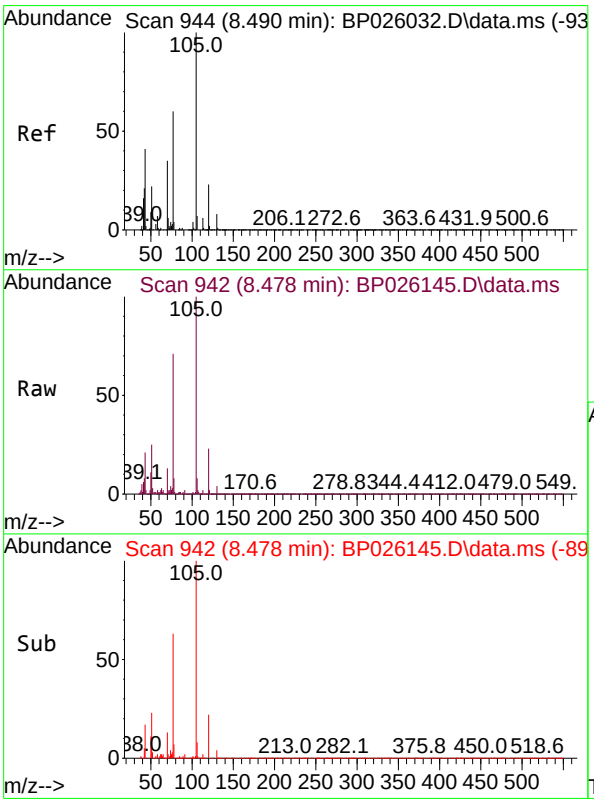

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:136 Resp: 980614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 8.1 | 6.4 | 9.6 |
| 68 | 5.9 | 4.9 | 7.3 |

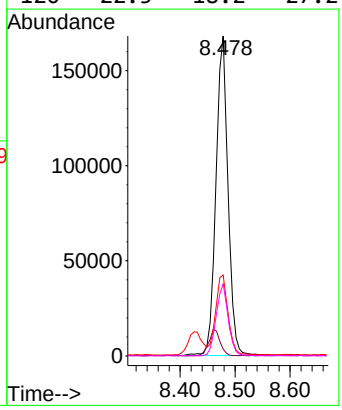


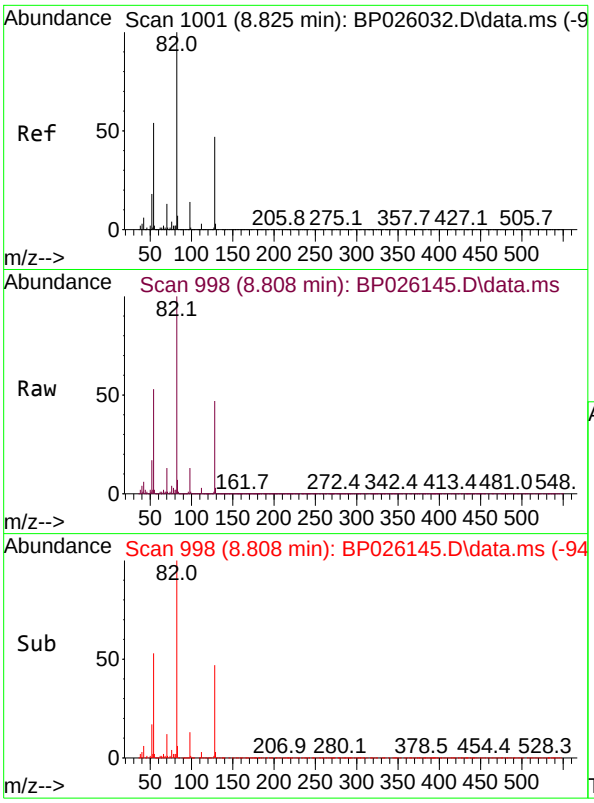




#22
Acetophenone
Concen: 10.340 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:105 Resp: 255635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.2 | 3.0 | 4.4# |
| 51 | 25.3 | 20.5 | 30.7 |
| 120 | 22.5 | 18.2 | 27.2 |



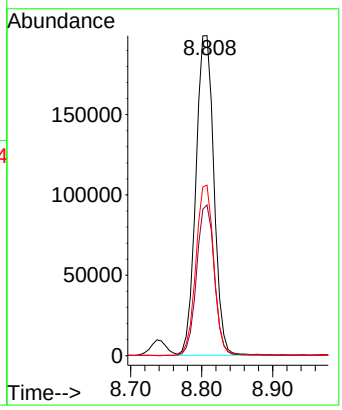


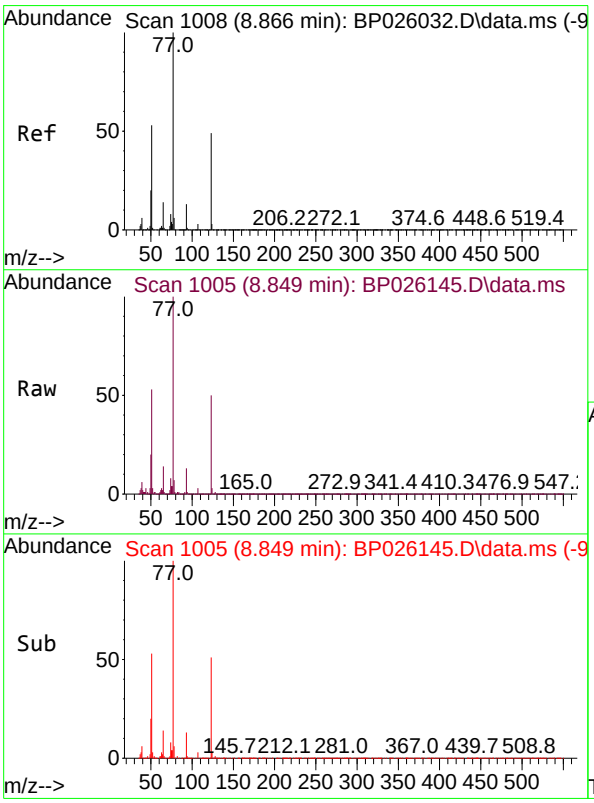

#23
Nitrobenzene-d5
Concen: 22.067 ng
RT: 8.808 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 349731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.1 | 37.4 | 56.0 |
| 54 | 53.3 | 41.6 | 62.4 |

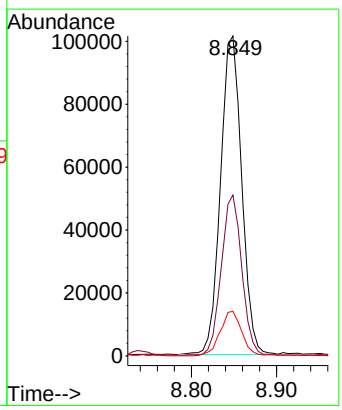


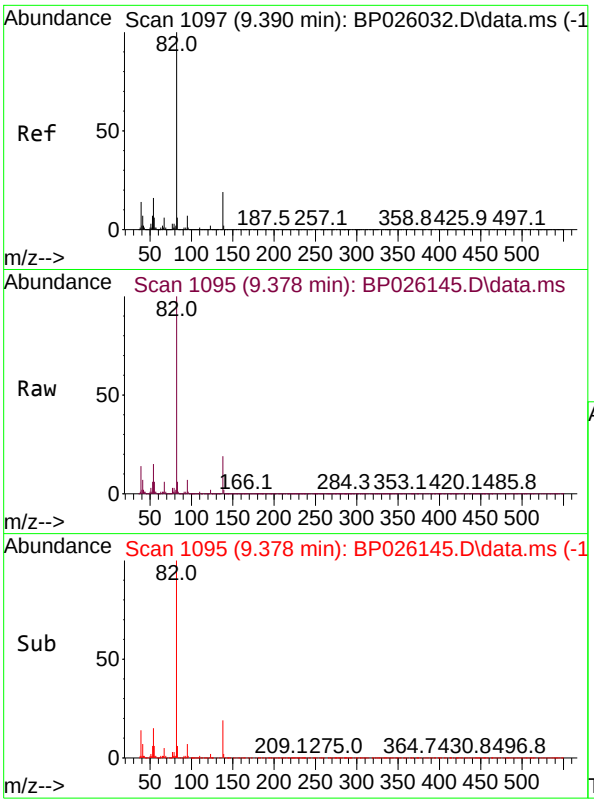




#24
Nitrobenzene
Concen: 10.525 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 77 Resp: 174709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.3 | 39.8 | 59.8 |
| 65 | 13.9 | 11.2 | 16.8 |



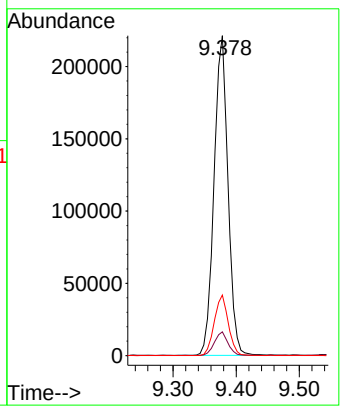


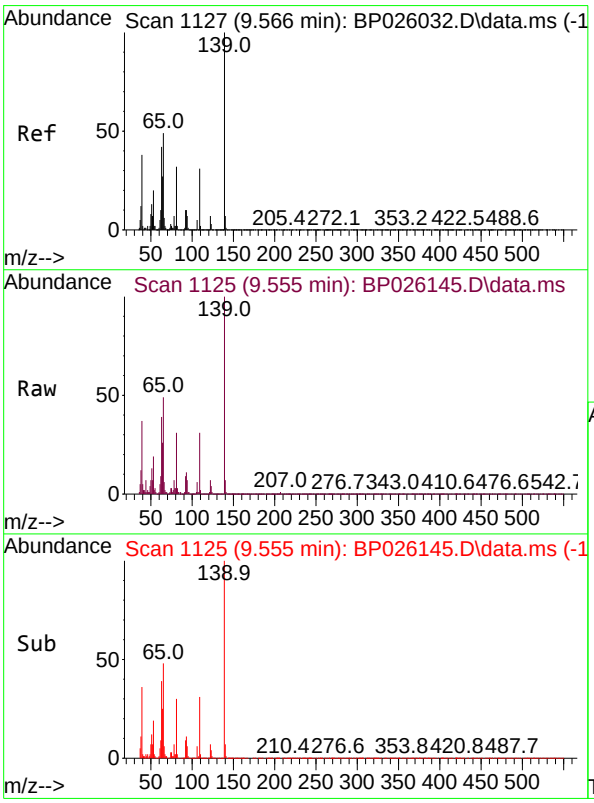

#25
Isophorone
Concen: 10.129 ng
RT: 9.378 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 339778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.4 | 8.0 |
| 138 | 18.9 | 15.4 | 23.0 |

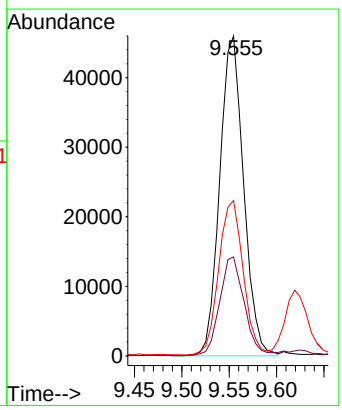


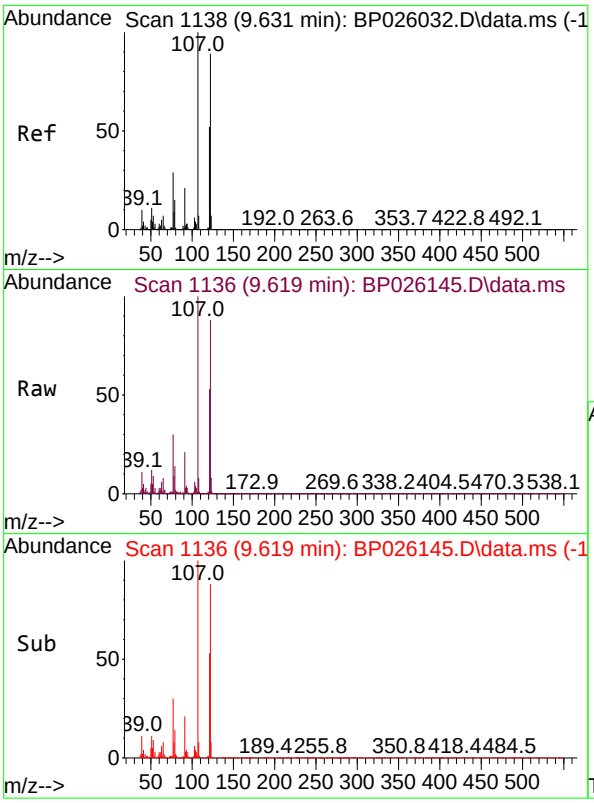




#26
2-Nitrophenol
Concen: 14.210 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:139 Resp: 80502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.9 | 22.3 | 33.5 |
| 65 | 48.6 | 37.2 | 55.8 |



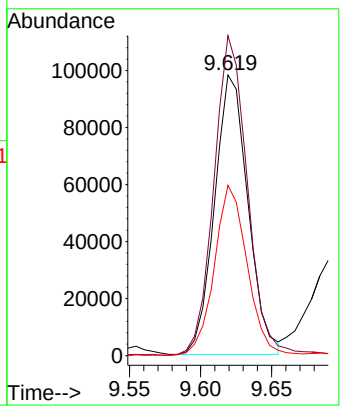


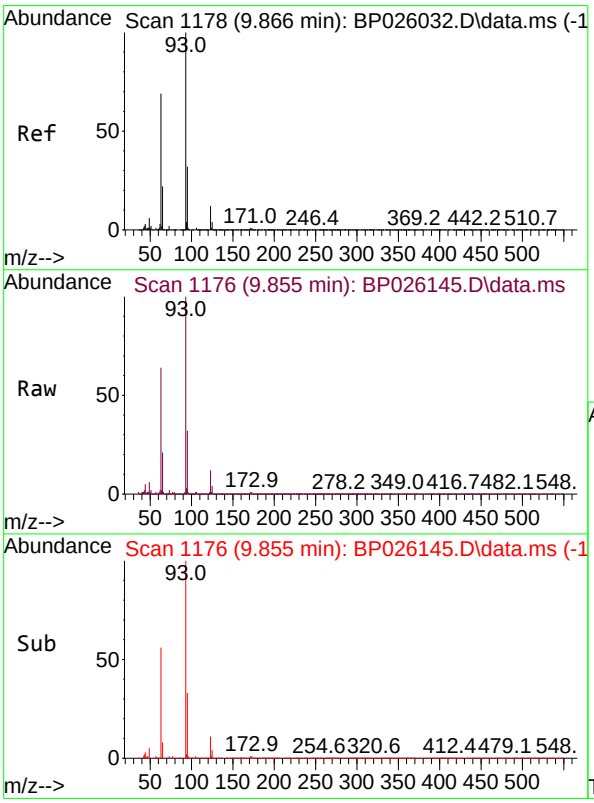

#27
2,4-Dimethylphenol
Concen: 11.184 ng
RT: 9.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:122 Resp: 160115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.1 | 91.0 | 136.6 |
| 121 | 60.7 | 47.0 | 70.6 |

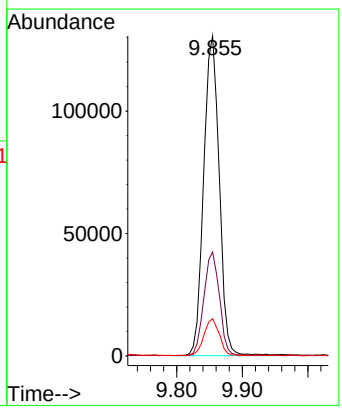


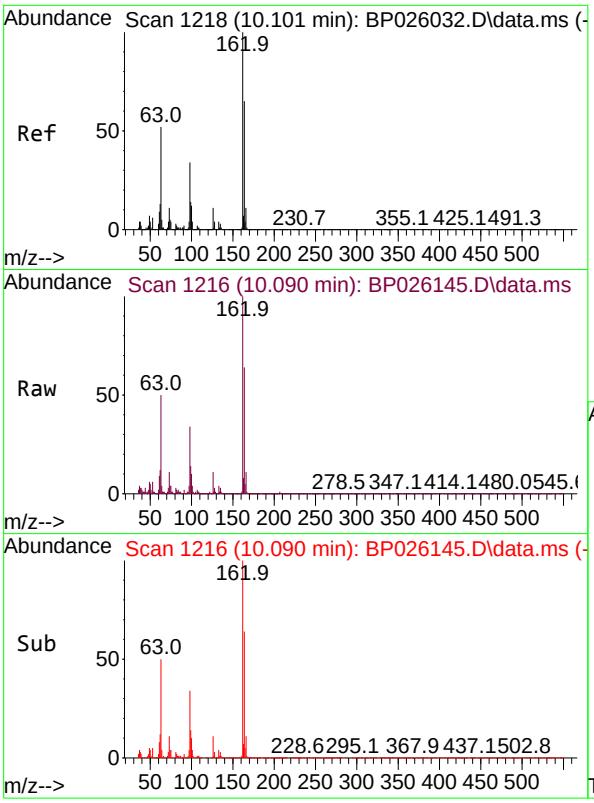




#28
bis(2-Chloroethoxy)methane
Concen: 10.157 ng
RT: 9.855 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 93 Resp: 215062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.4 | 39.6 |
| 123 | 11.6 | 9.4 | 14.0 |



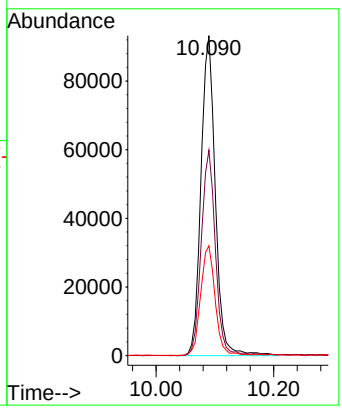


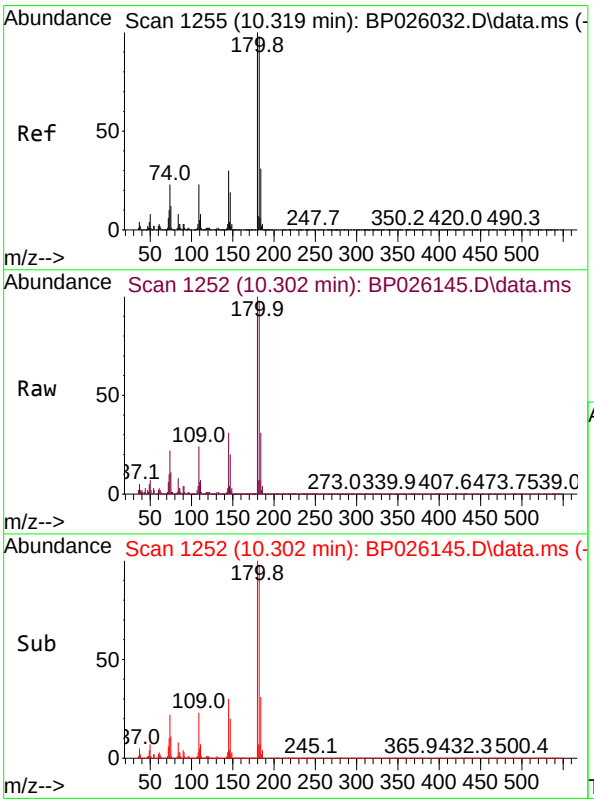

#29
2,4-Dichlorophenol
Concen: 10.558 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 157750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 43.8 | 83.8 |
| 98 | 34.3 | 14.1 | 54.1 |

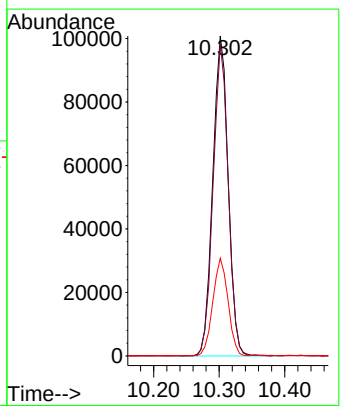


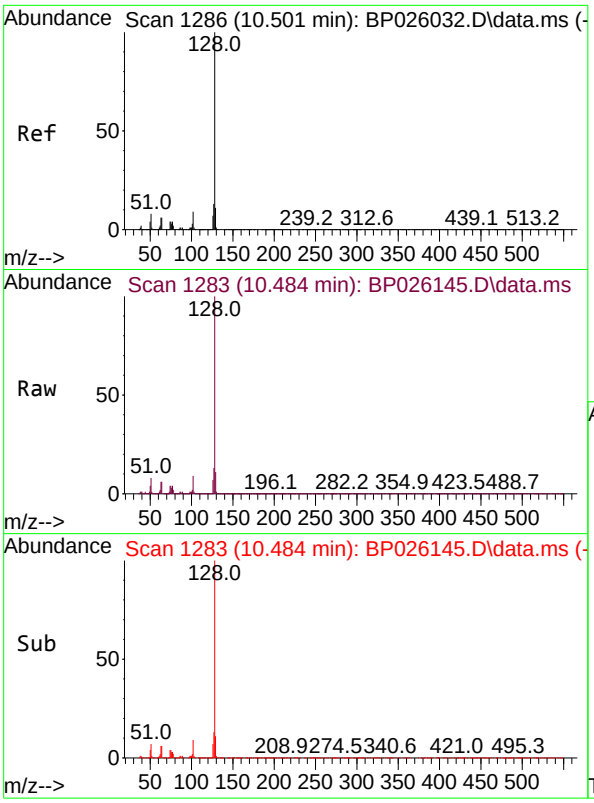




#30
1,2,4-Trichlorobenzene
Concen: 10.189 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:180 Resp: 165087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.5 | 78.1 | 117.1 |
| 145 | 30.5 | 24.2 | 36.4 |



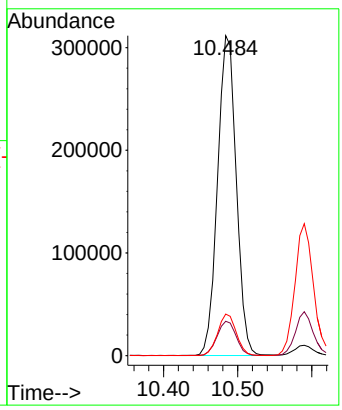


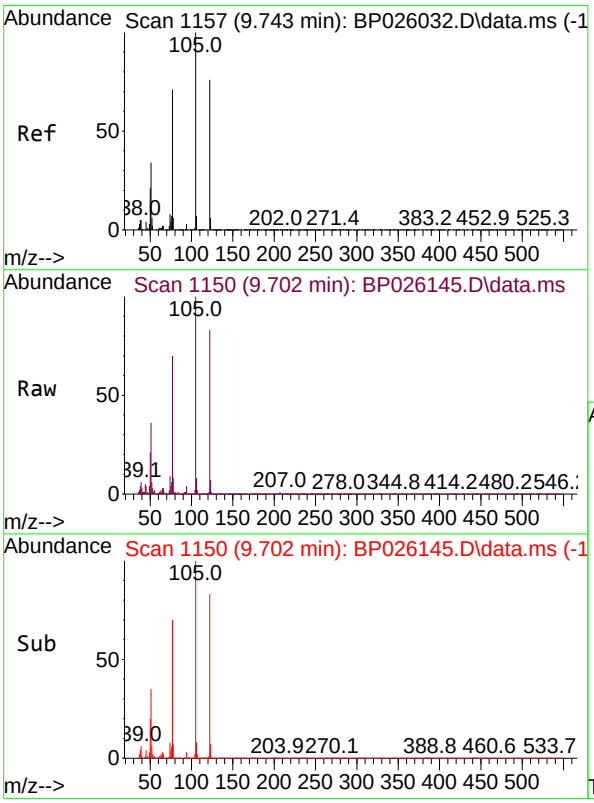

#31
Naphthalene
Concen: 10.256 ng
RT: 10.484 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:128 Resp: 546001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.6 |
| 127 | 13.0 | 10.2 | 15.4 |

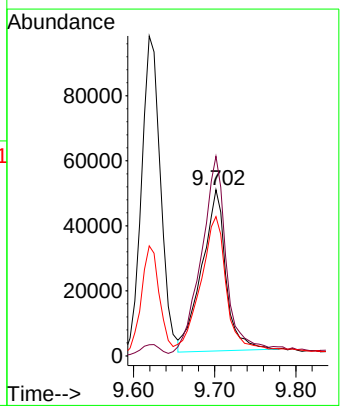


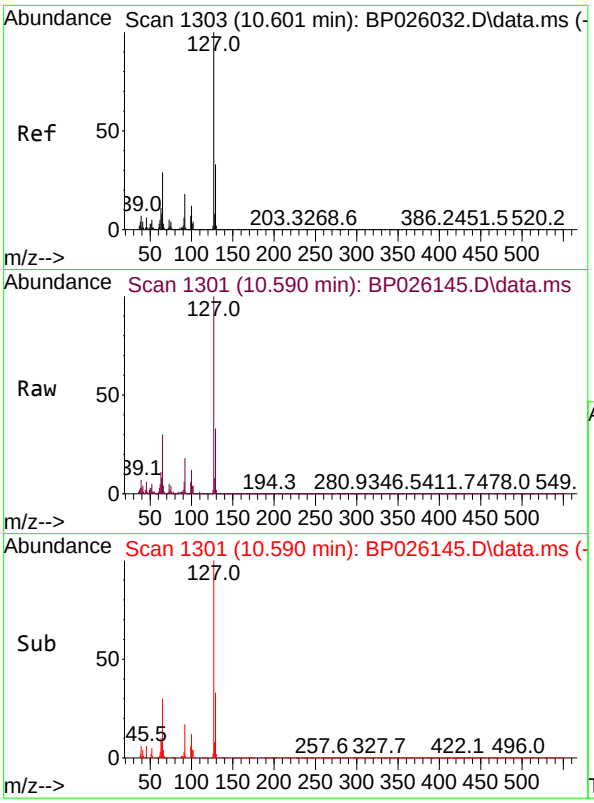




#32
Benzoic acid
Concen: 11.868 ng
RT: 9.702 min Scan# 1150
Delta R.T. -0.064 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:122 Resp: 102438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.1 | 100.1 | 140.1 |
| 77 | 83.9 | 66.7 | 106.7 |



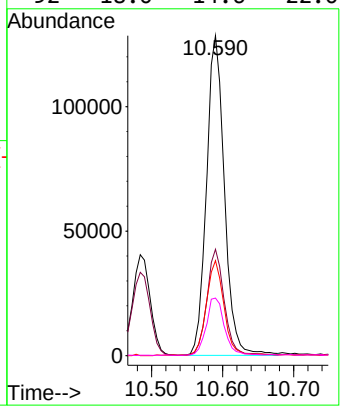


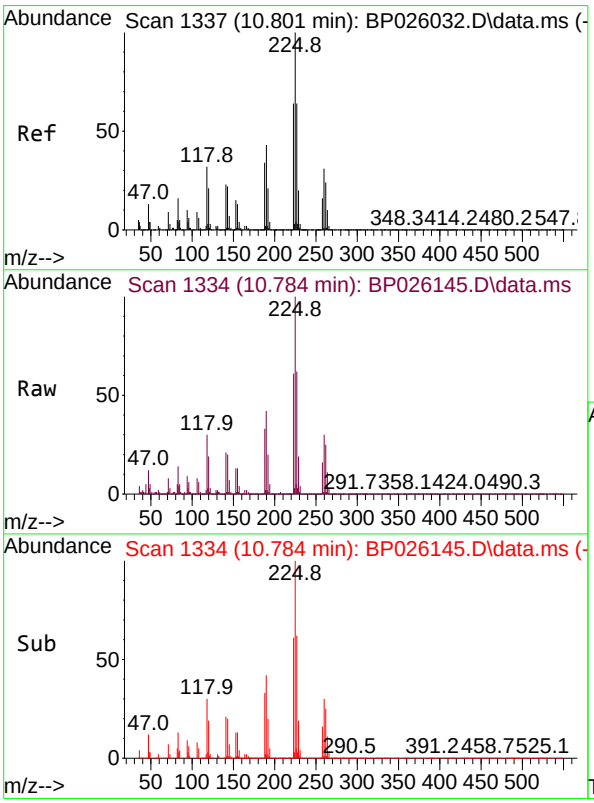

#33
4-Chloroaniline
Concen: 10.919 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:127 Resp: 225844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.2 | 25.8 | 38.8 |
| 65 | 29.7 | 22.7 | 34.1 |
| 92 | 18.0 | 14.6 | 22.0 |

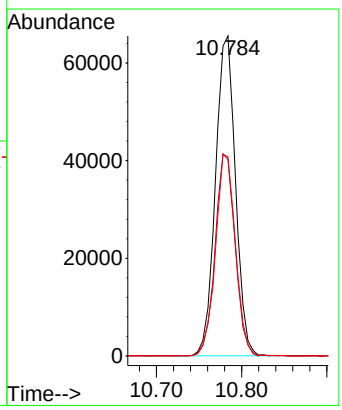


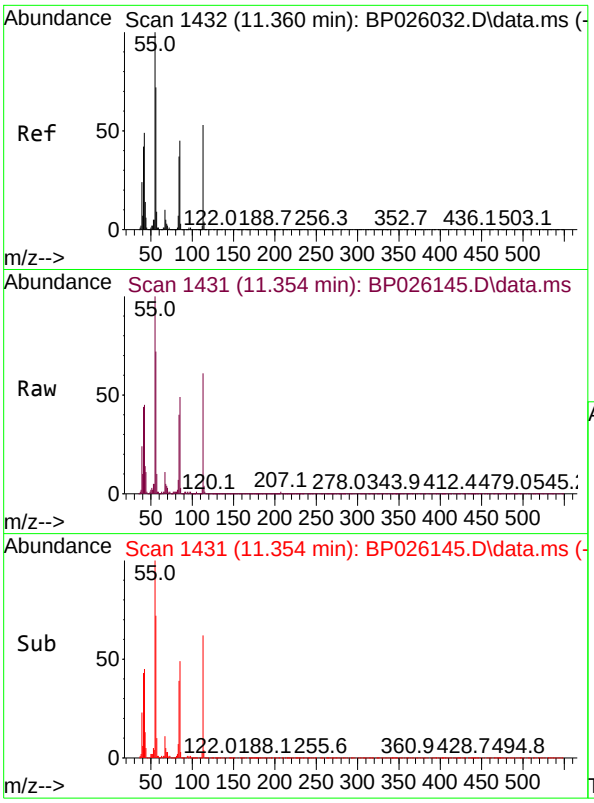




#34
Hexachlorobutadiene
Concen: 10.297 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:225 Resp: 106776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.4 | 49.6 | 74.4 |
| 227 | 62.2 | 51.2 | 76.8 |



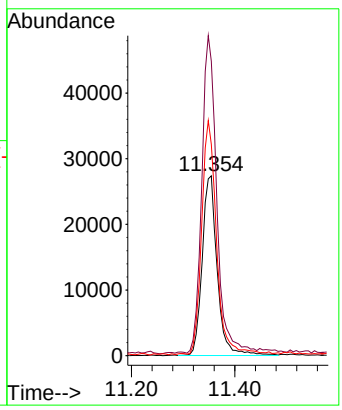


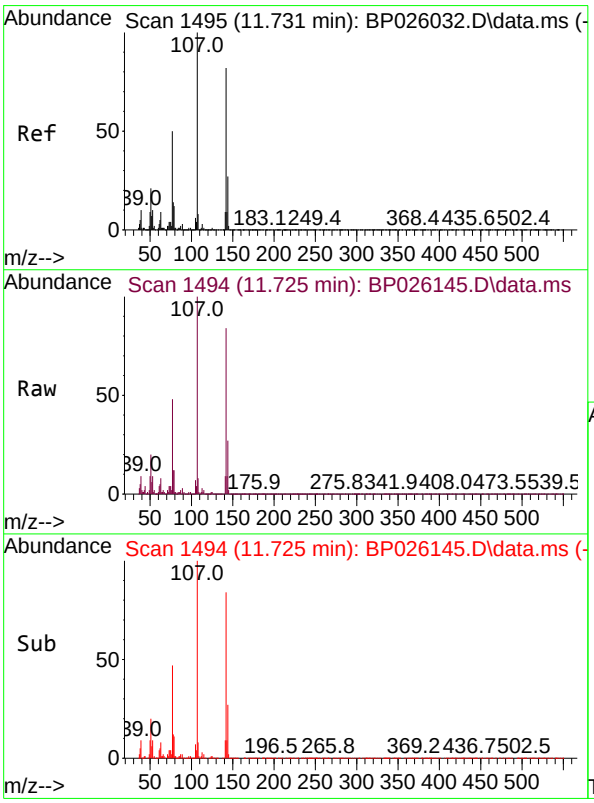

#35
Caprolactam
Concen: 10.571 ng
RT: 11.354 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:113 Resp: 55204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 163.8 | 153.0 | 193.0 |
| 56 | 117.6 | 106.4 | 146.4 |

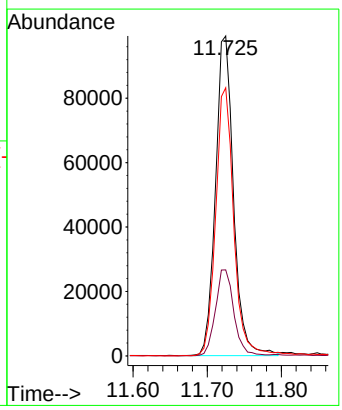


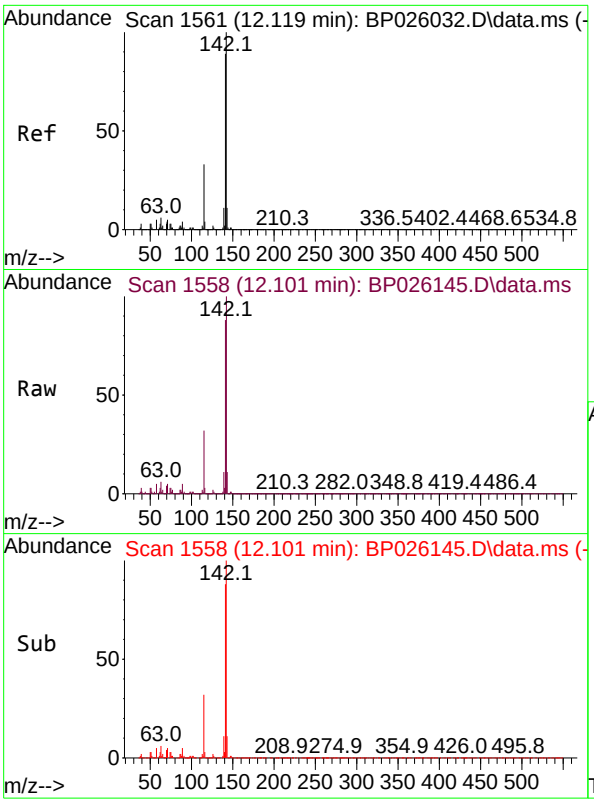




#36
4-Chloro-3-methylphenol
Concen: 10.736 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:107 Resp: 167761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.9 | 21.6 | 32.4 |
| 142 | 83.8 | 65.6 | 98.4 |



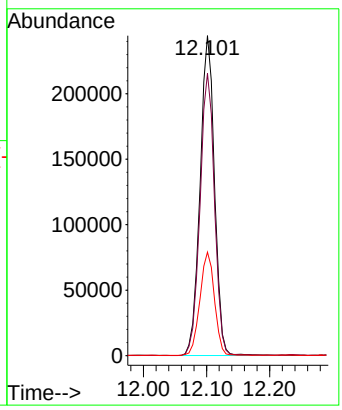


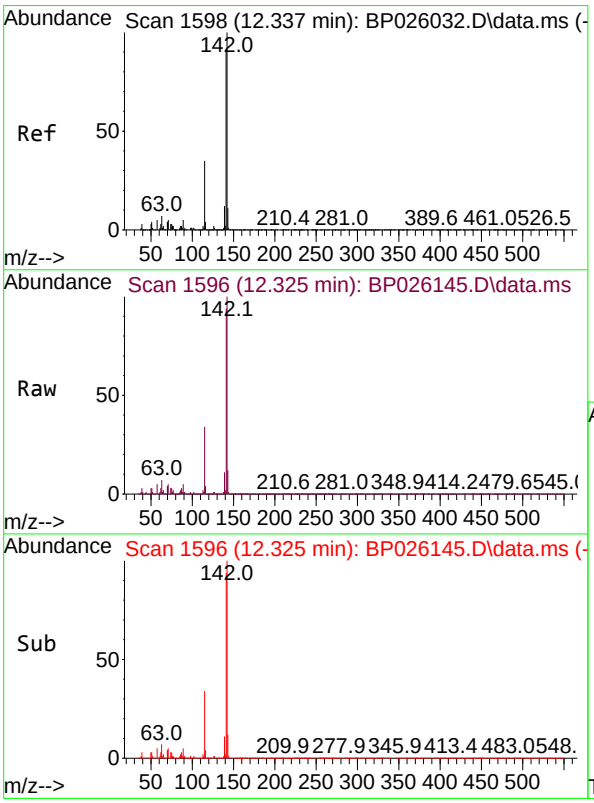

#37
2-Methylnaphthalene
Concen: 10.423 ng
RT: 12.101 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:142 Resp: 387952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 71.0 | 106.6 |
| 115 | 32.3 | 26.6 | 39.8 |

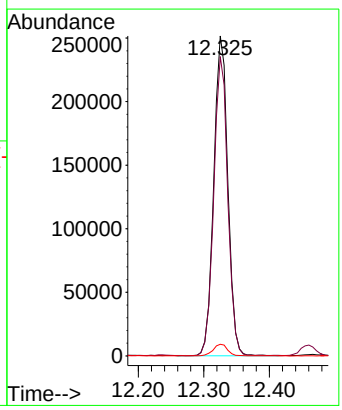


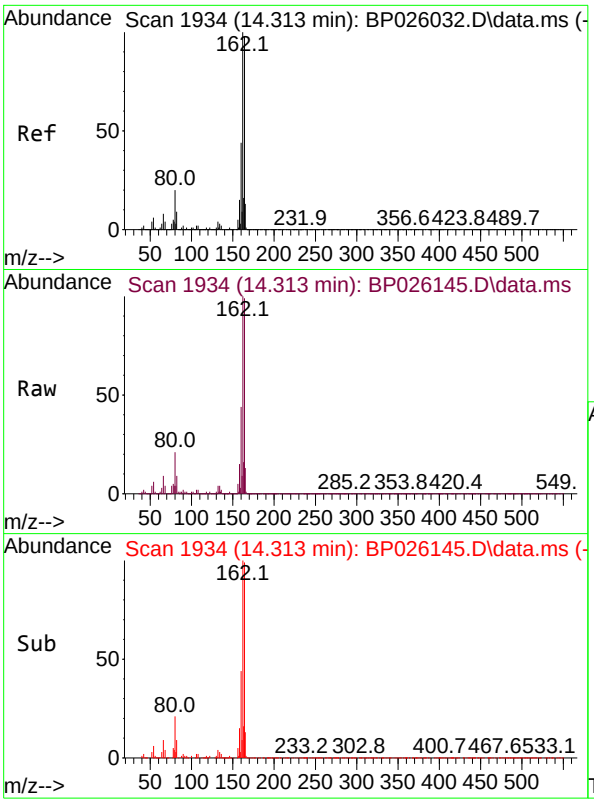




#38
1-Methylnaphthalene
Concen: 10.395 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:142 Resp: 376177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.5 | 73.5 | 110.3 |
| 116 | 3.6 | 3.0 | 4.4 |



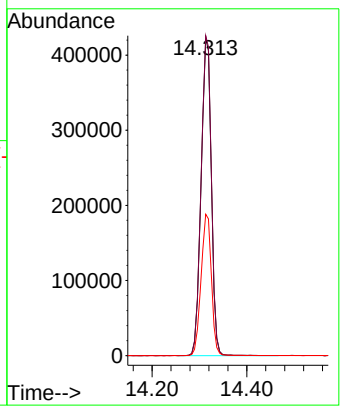


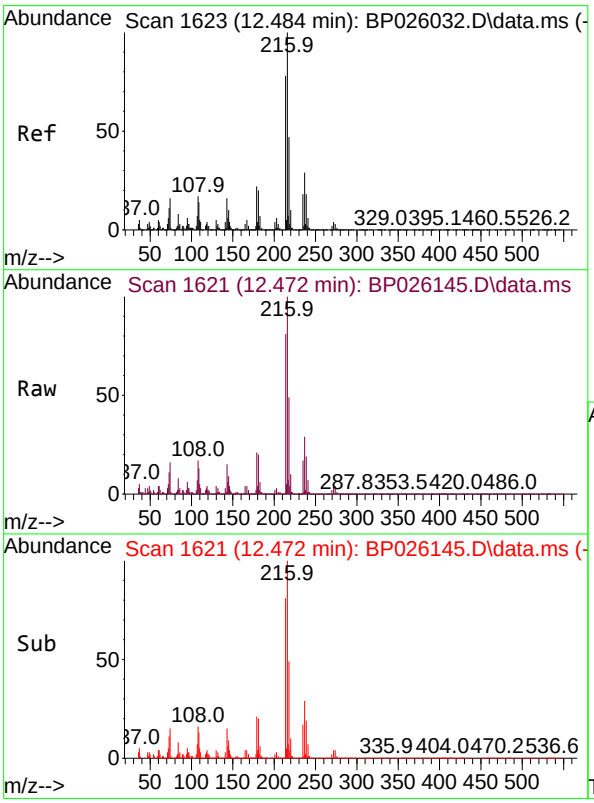

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:164 Resp: 630488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 80.3 | 120.5 |
| 160 | 44.6 | 35.2 | 52.8 |

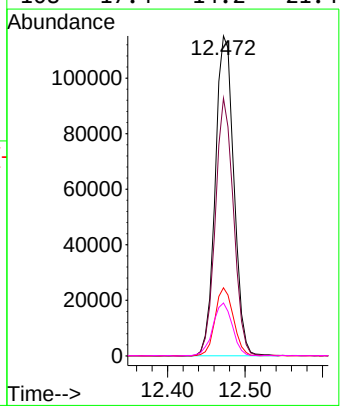


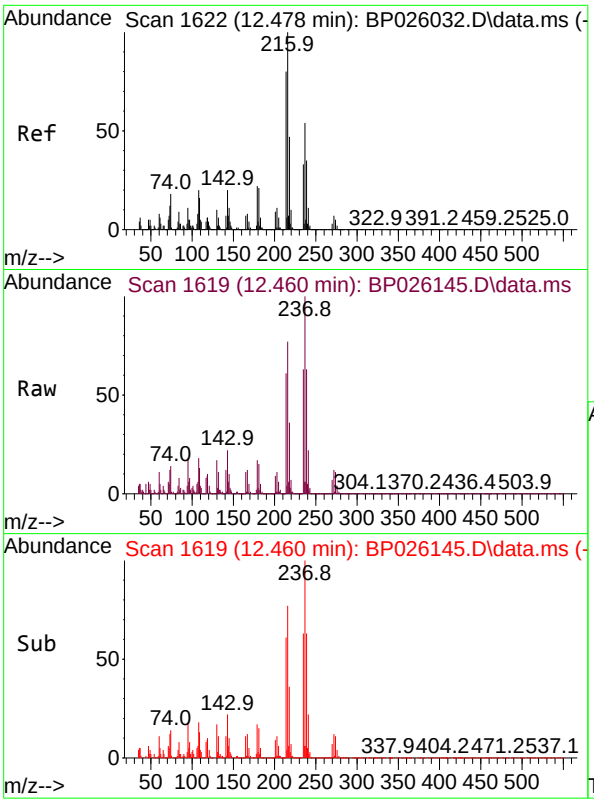




#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.860 ng
RT: 12.472 min Scan# 1621
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:216 Resp: 192367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.6 | 94.0 |
| 179 | 20.9 | 16.6 | 25.0 |
| 108 | 17.4 | 14.2 | 21.4 |



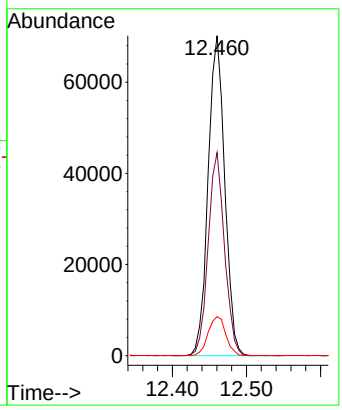


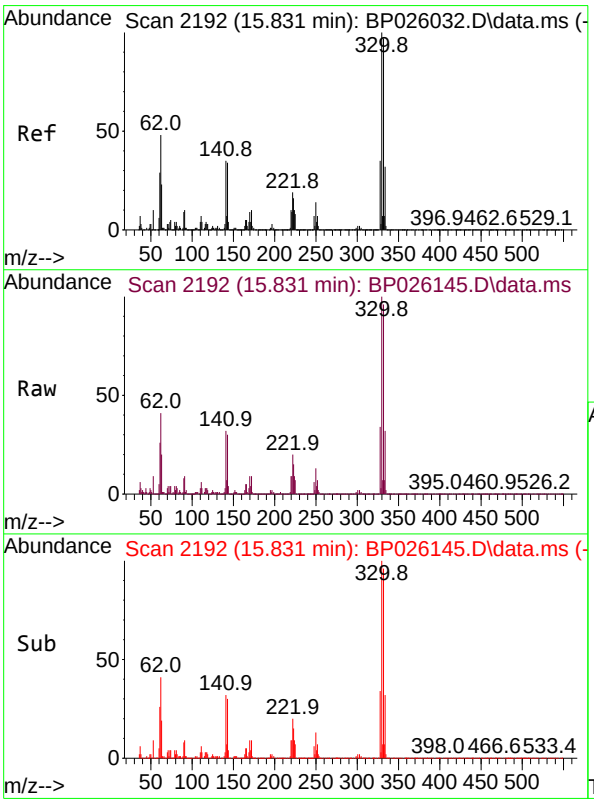

#41
Hexachlorocyclopentadiene
Concen: 13.468 ng
RT: 12.460 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:237 Resp: 109280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.3 | 83.3 |
| 272 | 12.2 | 0.0 | 32.9 |

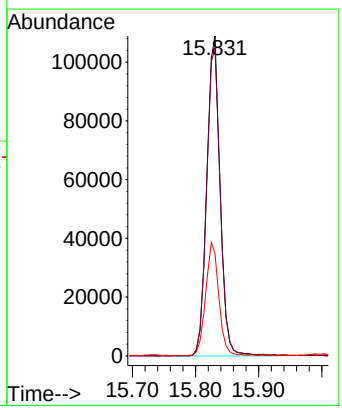


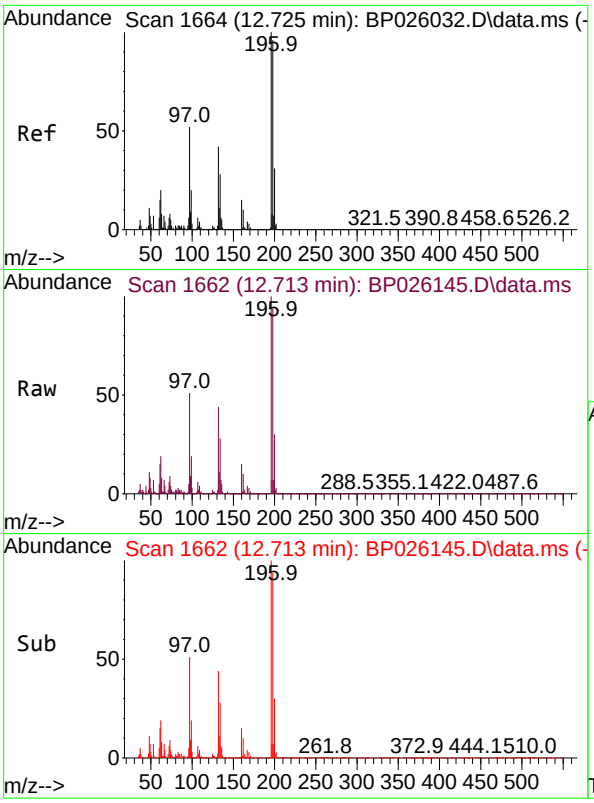




#42
2,4,6-Tribromophenol
Concen: 23.122 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:330 Resp: 159702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 78.0 | 117.0 |
| 141 | 35.0 | 26.8 | 40.2 |



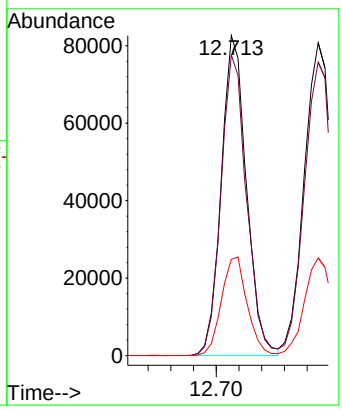


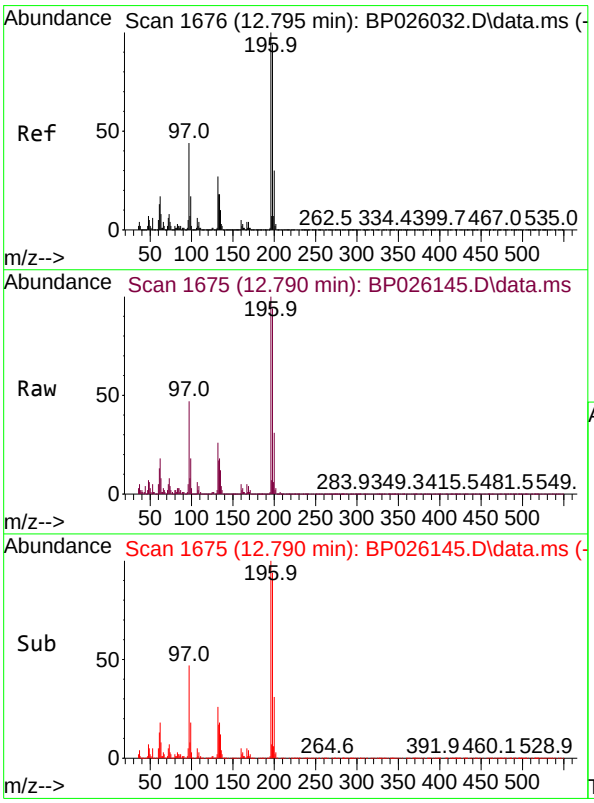

#43
2,4,6-Trichlorophenol
Concen: 10.910 ng
RT: 12.713 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:196 Resp: 127331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.0 | 76.9 | 115.3 |
| 200 | 30.1 | 24.6 | 37.0 |

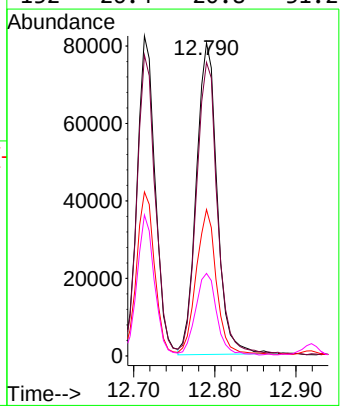


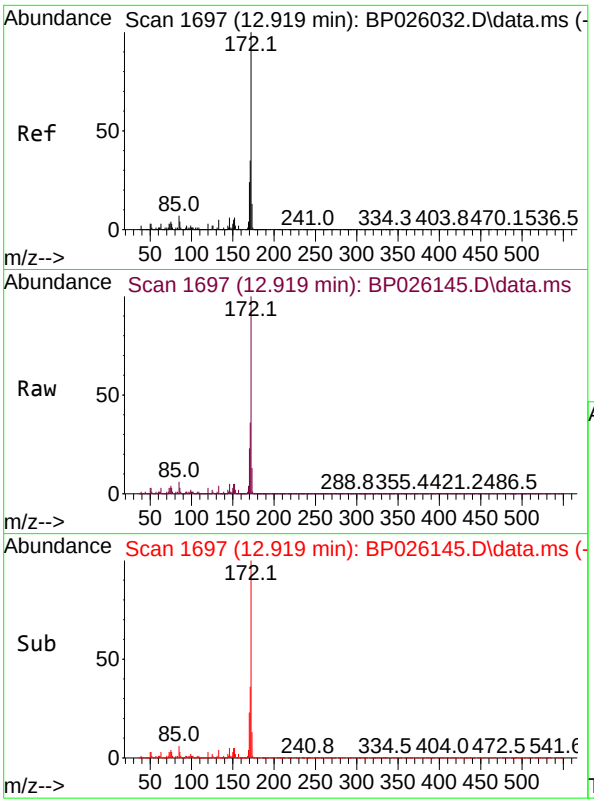




#44
2,4,5-Trichlorophenol
Concen: 10.794 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:196 Resp: 143128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.8 | 76.4 | 114.6 |
| 97 | 46.8 | 35.7 | 53.5 |
| 132 | 26.4 | 20.8 | 31.2 |



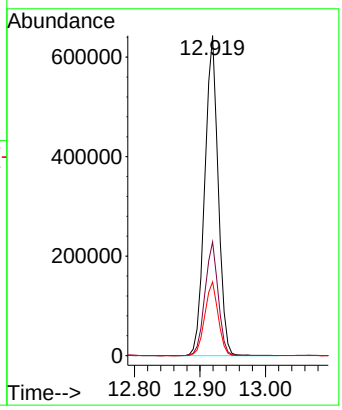


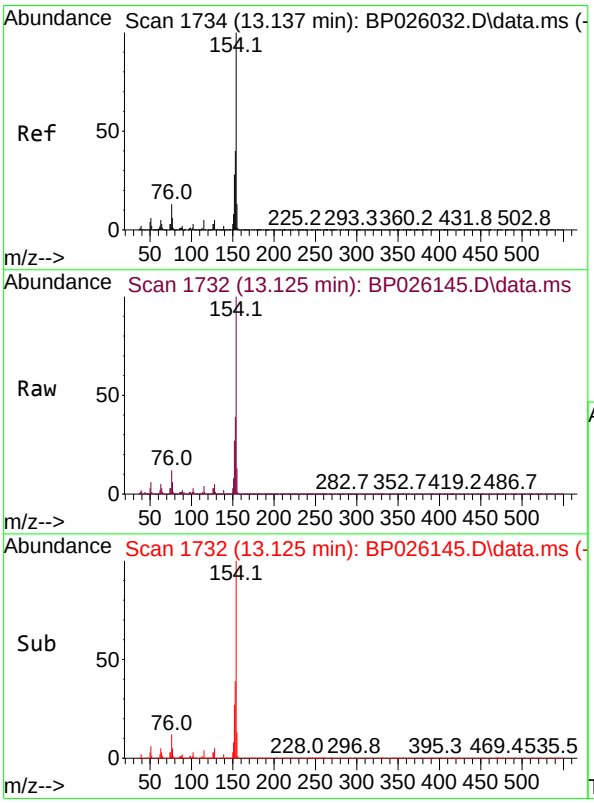

#45
2-Fluorobiphenyl
Concen: 20.807 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:172 Resp: 909238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.2 | 42.4 |
| 170 | 23.0 | 18.7 | 28.1 |

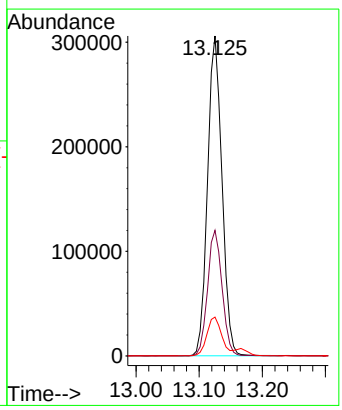


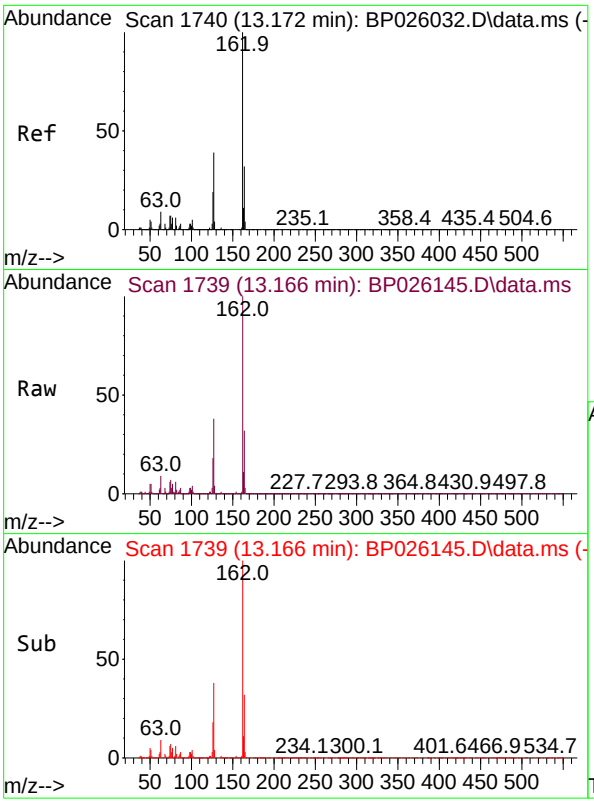




#46
1,1'-Biphenyl
Concen: 10.101 ng
RT: 13.125 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:154 Resp: 485448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.2 | 20.3 | 60.3 |
| 76 | 12.1 | 0.0 | 32.3 |



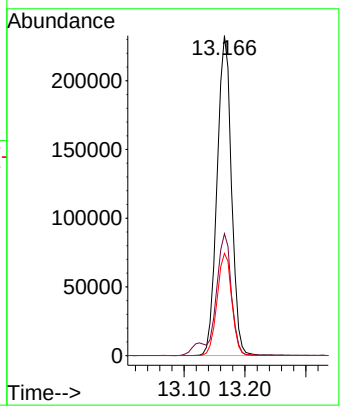


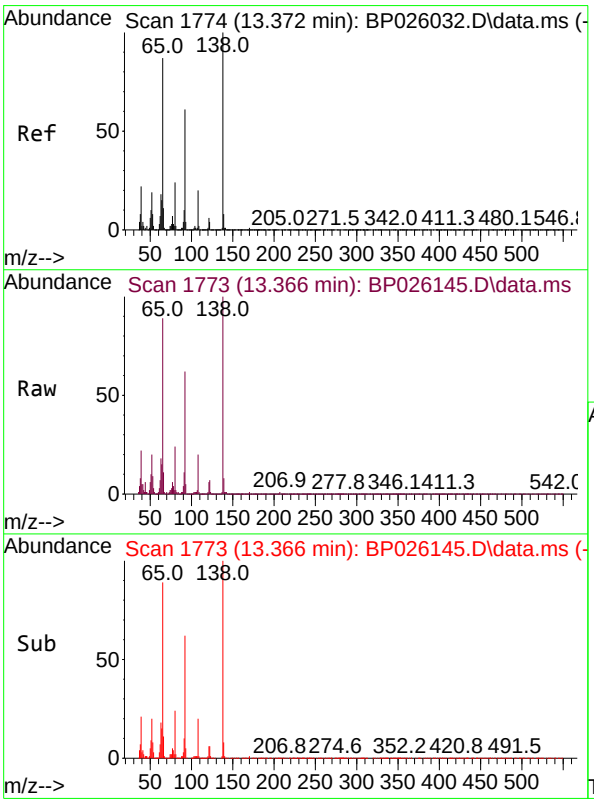

#47
2-Chloronaphthalene
Concen: 10.136 ng
RT: 13.166 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 382981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 30.9 | 46.3 |
| 164 | 31.9 | 26.4 | 39.6 |

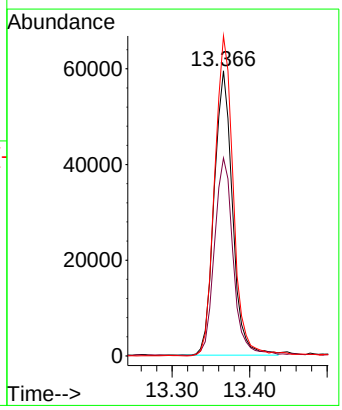


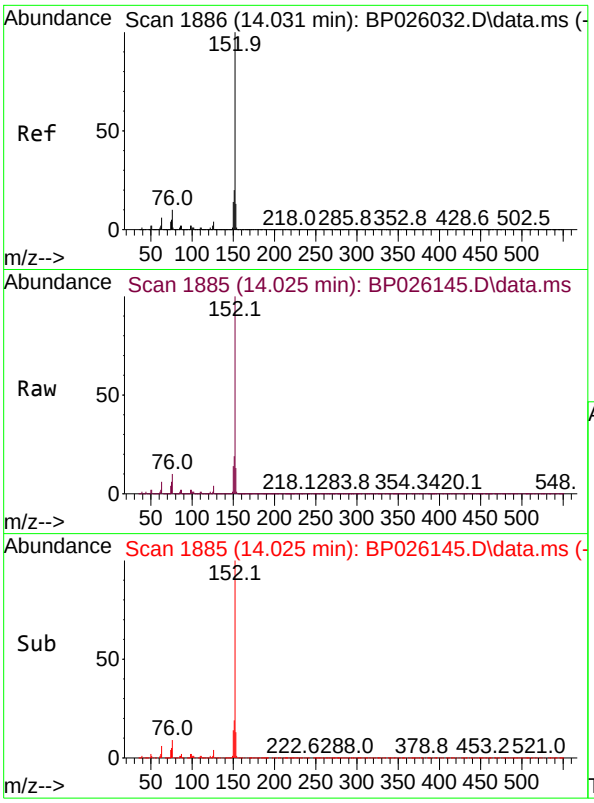




#48
2-Nitroaniline
Concen: 11.256 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 65 Resp: 97829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.4 | 59.1 | 88.7 |
| 138 | 112.3 | 96.6 | 145.0 |



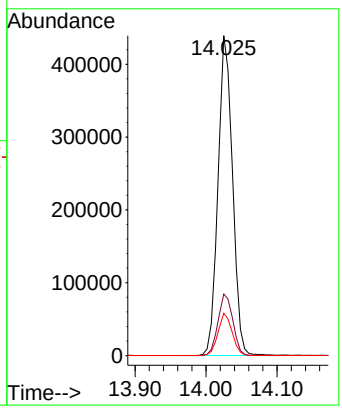


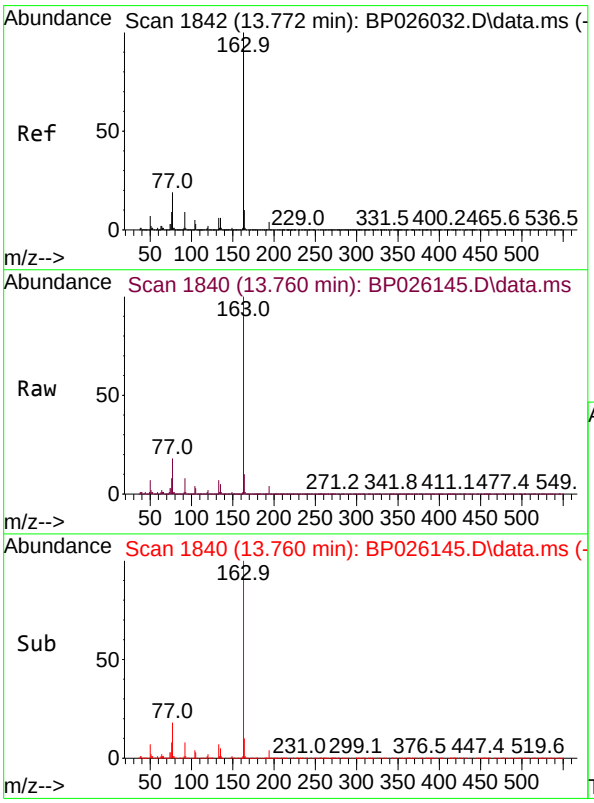

#49
Acenaphthylene
Concen: 11.215 ng
RT: 14.025 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 626312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |

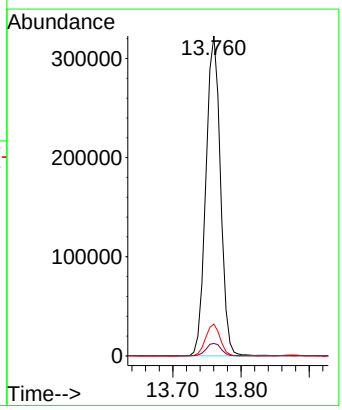


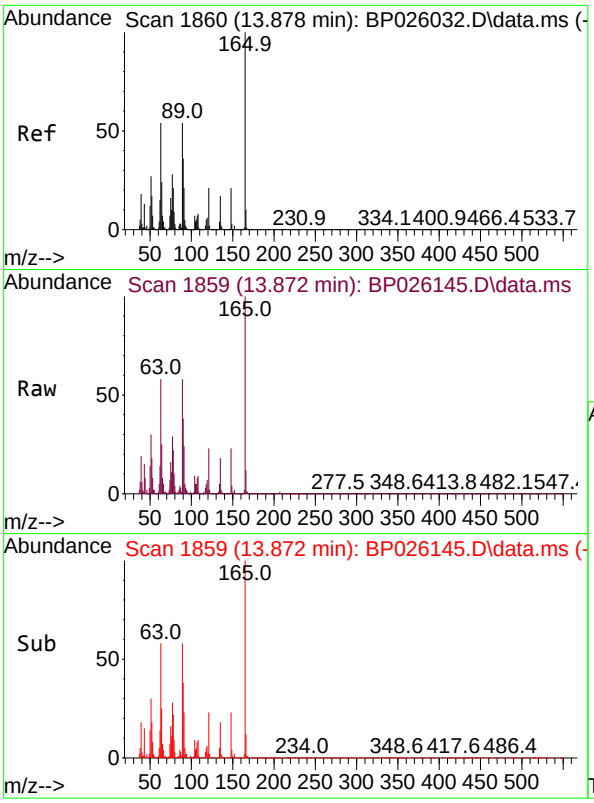




#50
Dimethylphthalate
Concen: 10.476 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:163 Resp: 478267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.3 | 4.9 |
| 164 | 9.9 | 8.2 | 12.2 |



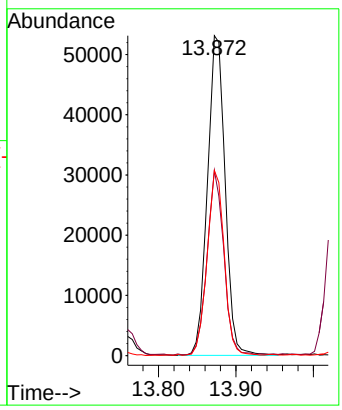


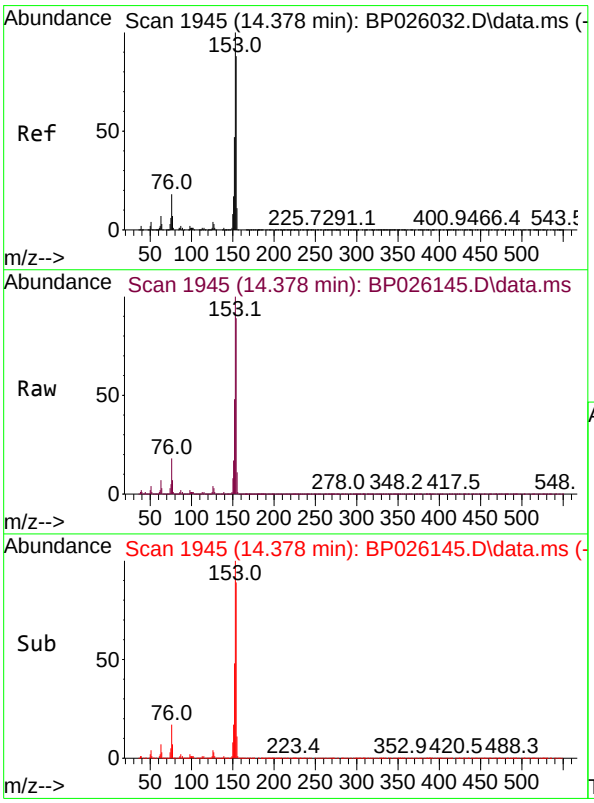

#51
2,6-Dinitrotoluene
Concen: 10.948 ng
RT: 13.872 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 84028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.9 | 40.5 | 60.7 |
| 89 | 57.9 | 41.3 | 61.9 |

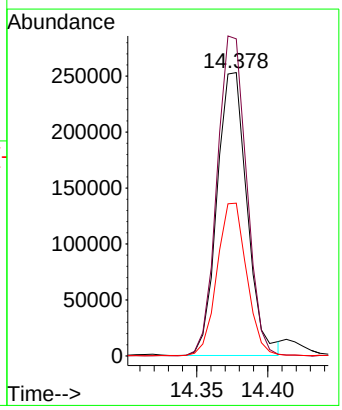


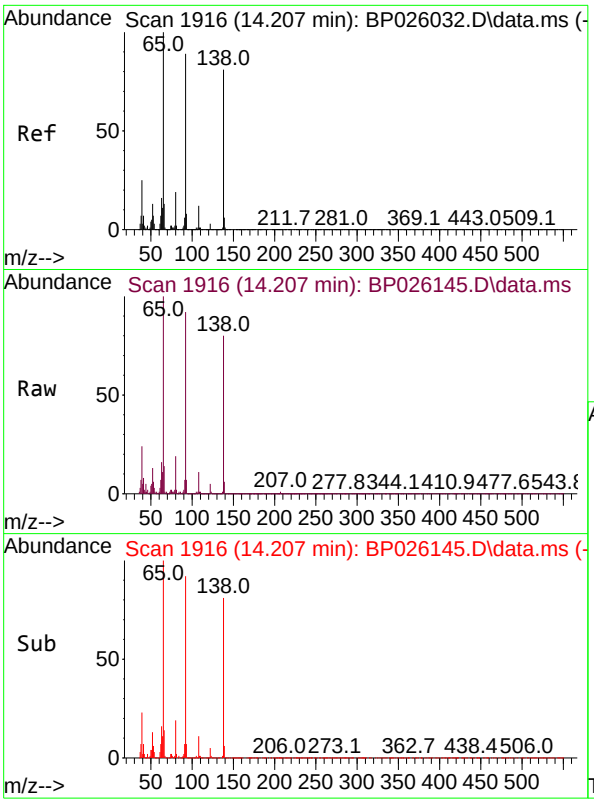




#52
Acenaphthene
Concen: 9.972 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:154 Resp: 372613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.9 | 90.7 | 136.1 |
| 152 | 53.9 | 42.8 | 64.2 |



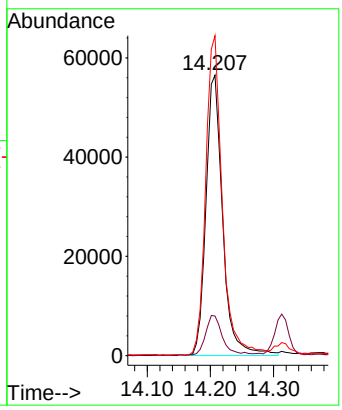


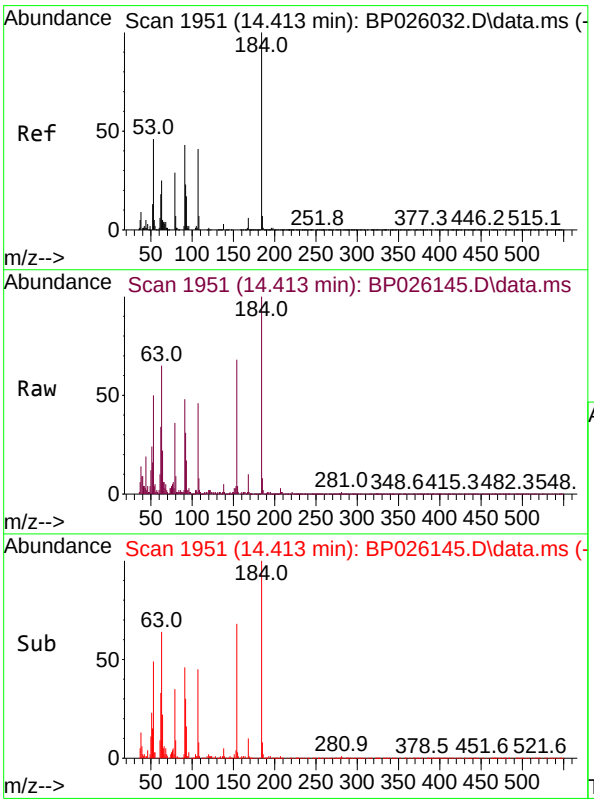

#53
3-Nitroaniline
Concen: 11.189 ng
RT: 14.207 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:138 Resp: 103894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.1 | 8.9 | 13.3# |
| 92 | 114.1 | 86.3 | 129.5 |

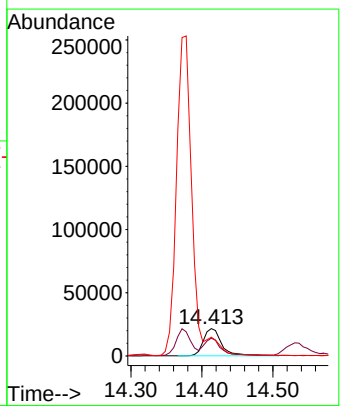


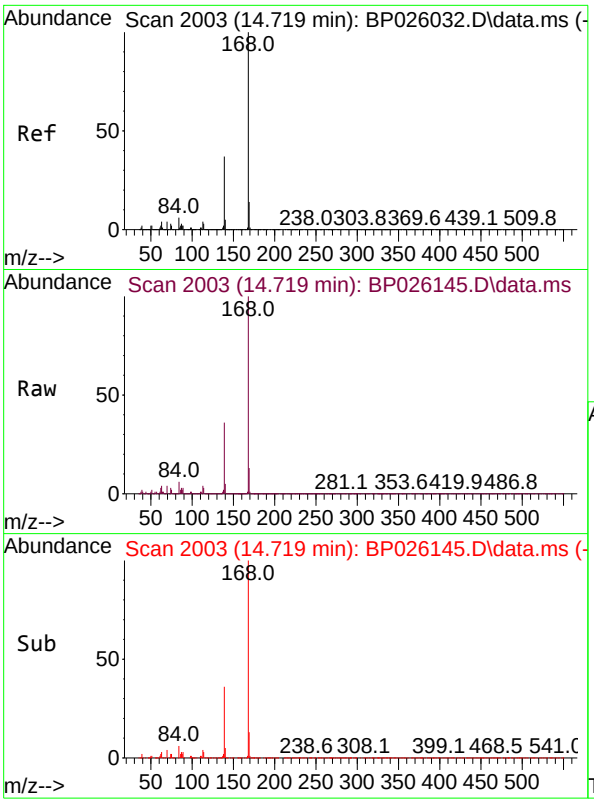




#54
2,4-Dinitrophenol
Concen: 11.062 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:184 Resp: 38962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 64.9 | 43.1 | 64.7# |
| 154 | 68.2 | 49.5 | 74.3 |



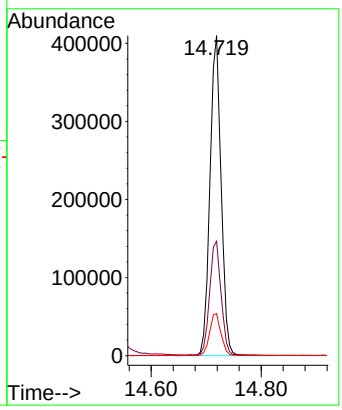


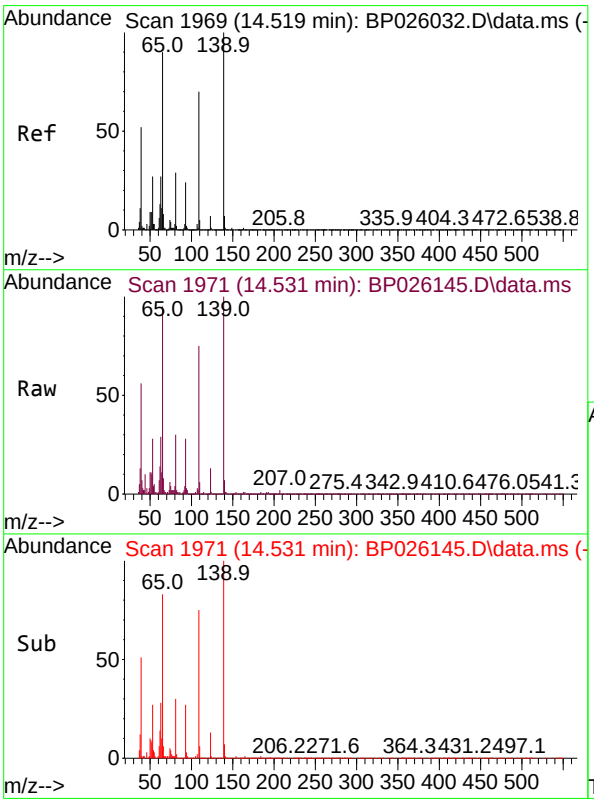

#55
Dibenzofuran
Concen: 10.148 ng
RT: 14.719 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:168 Resp: 577473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.7 | 29.8 | 44.6 |
| 169 | 13.1 | 10.9 | 16.3 |

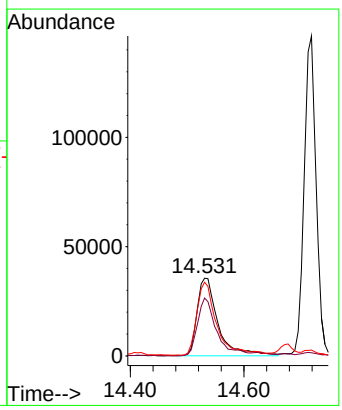


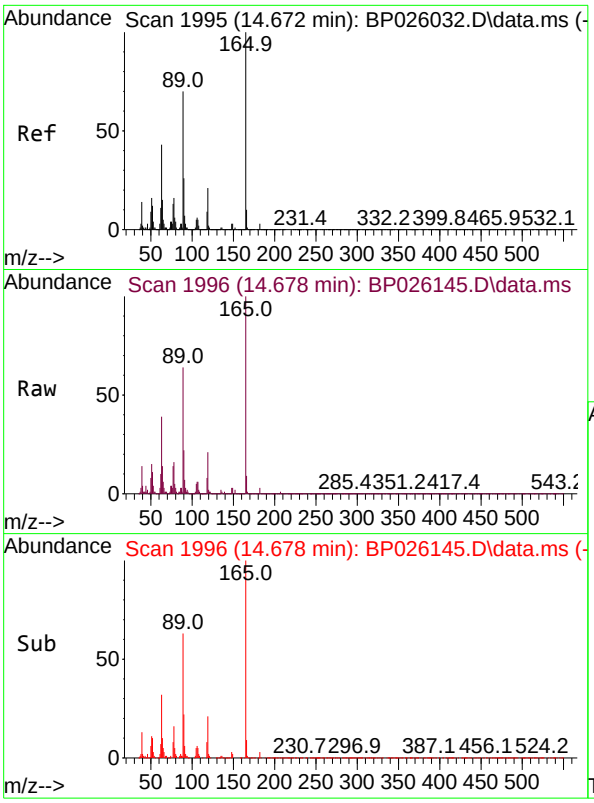




#56
4-Nitrophenol
Concen: 9.876 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:139 Resp: 91274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 74.5 | 46.8 | 86.8 |
| 65 | 94.9 | 69.3 | 109.3 |



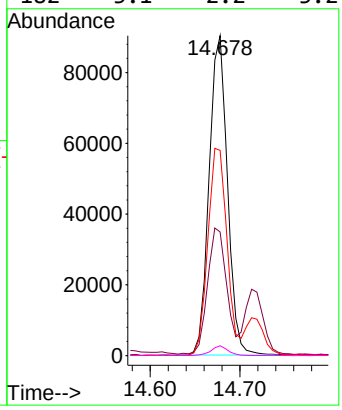


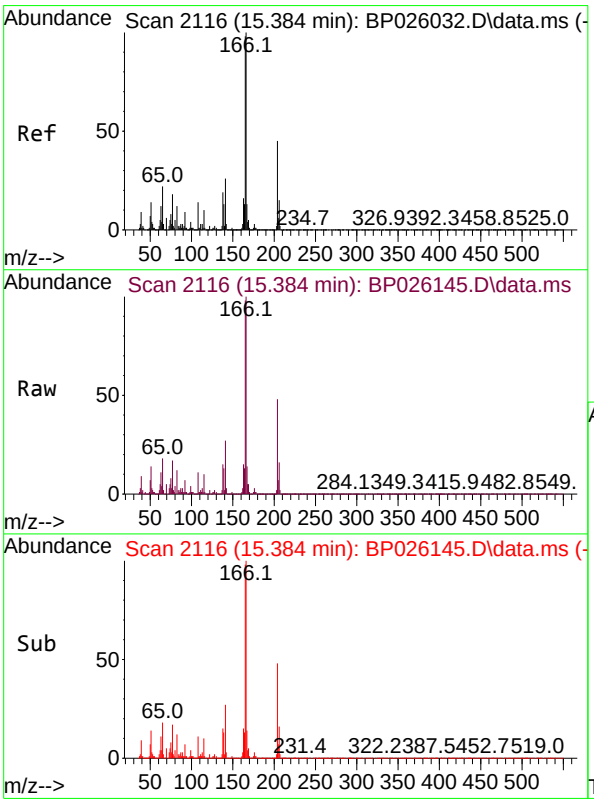

#57
2,4-Dinitrotoluene
Concen: 11.467 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 128442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.6 | 31.0 | 46.6 |
| 89 | 64.1 | 51.7 | 77.5 |
| 182 | 3.1 | 2.2 | 3.2 |

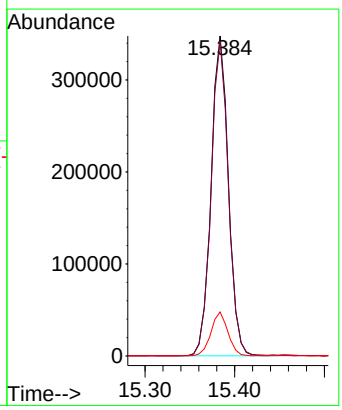


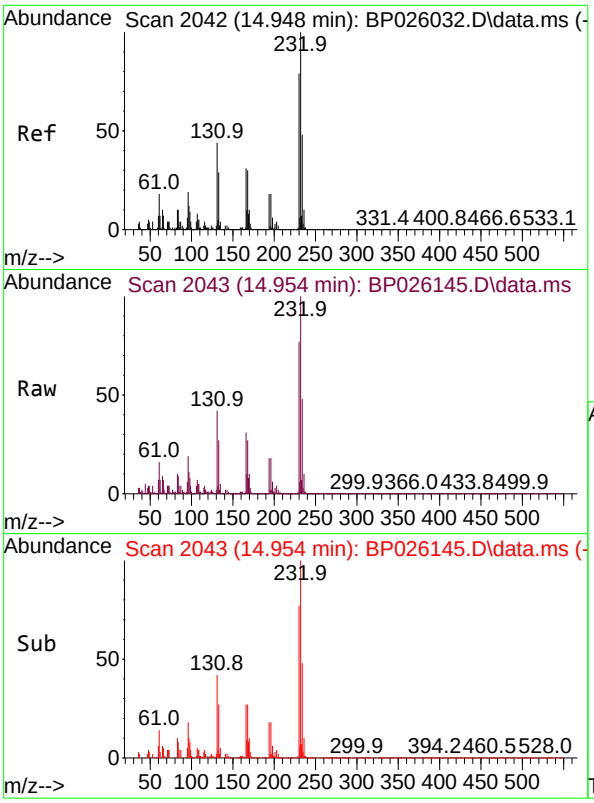




#58
Fluorene
Concen: 10.507 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:166 Resp: 469782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 77.9 | 116.9 |
| 167 | 13.7 | 11.0 | 16.4 |



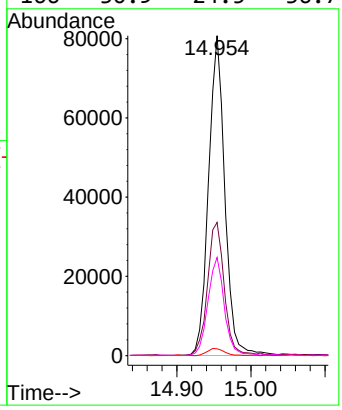


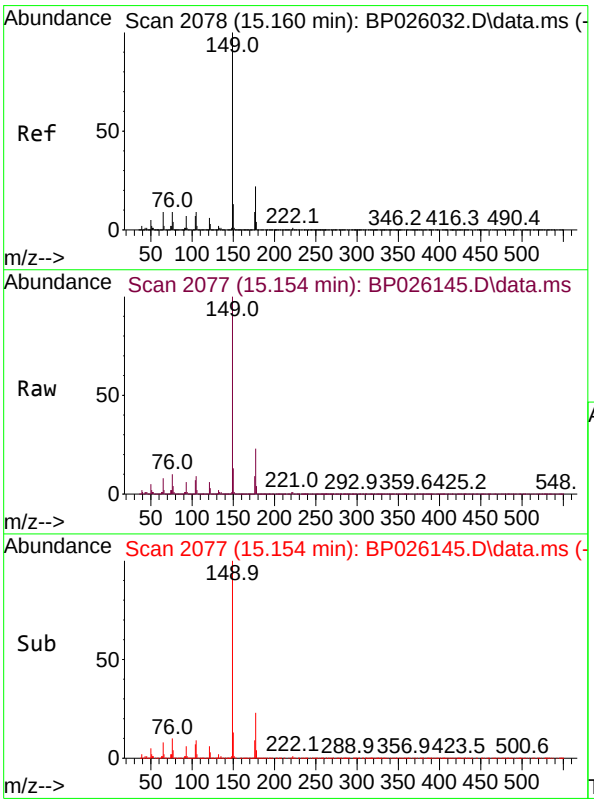

#59
2,3,4,6-Tetrachlorophenol
Concen: 11.749 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:232 Resp: 123375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 34.8 | 52.2 |
| 130 | 2.4 | 1.8 | 2.8 |
| 166 | 30.9 | 24.5 | 36.7 |

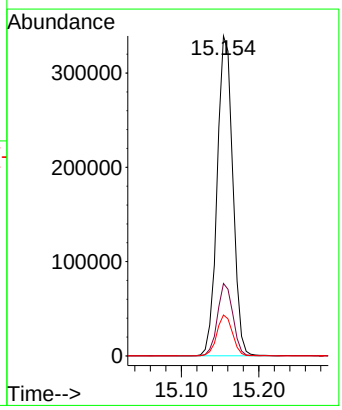


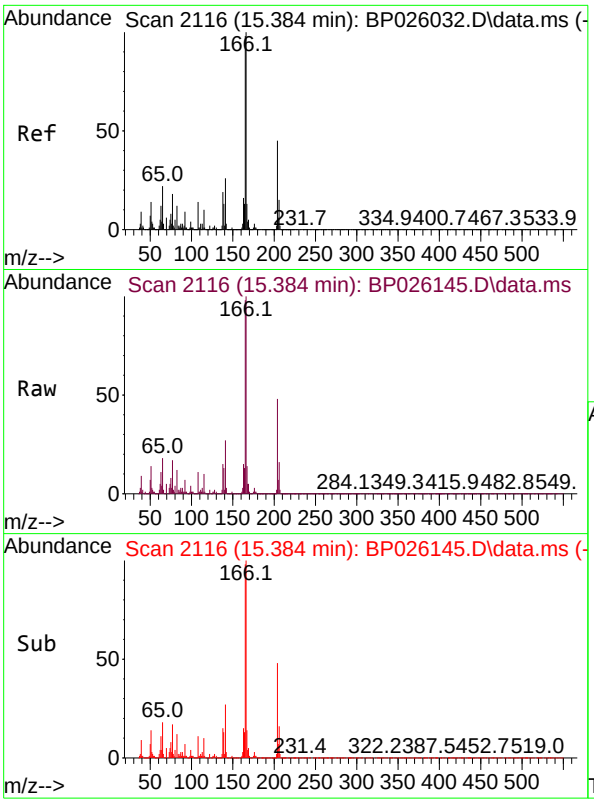




#60
Diethylphthalate
Concen: 10.343 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 475038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 17.9 | 26.9 |
| 150 | 12.8 | 9.9 | 14.9 |



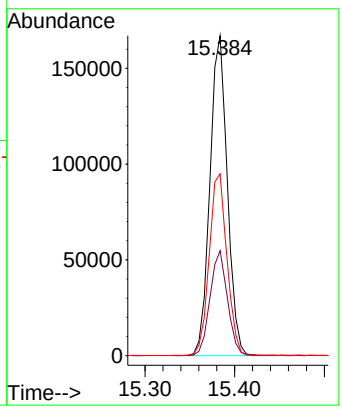


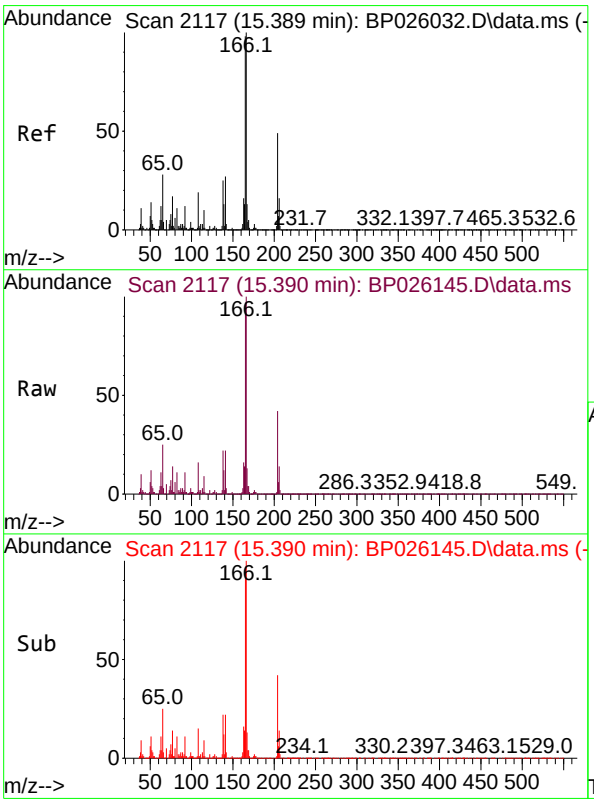

#61
4-Chlorophenyl-phenylether
Concen: 10.144 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:204 Resp: 226085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 26.2 | 39.2 |
| 141 | 56.8 | 48.1 | 72.1 |

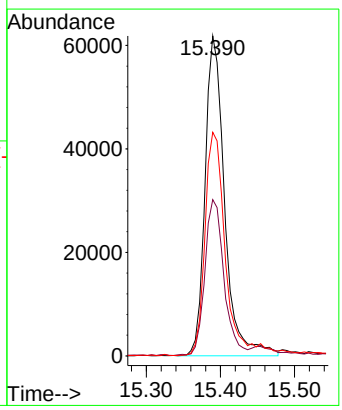


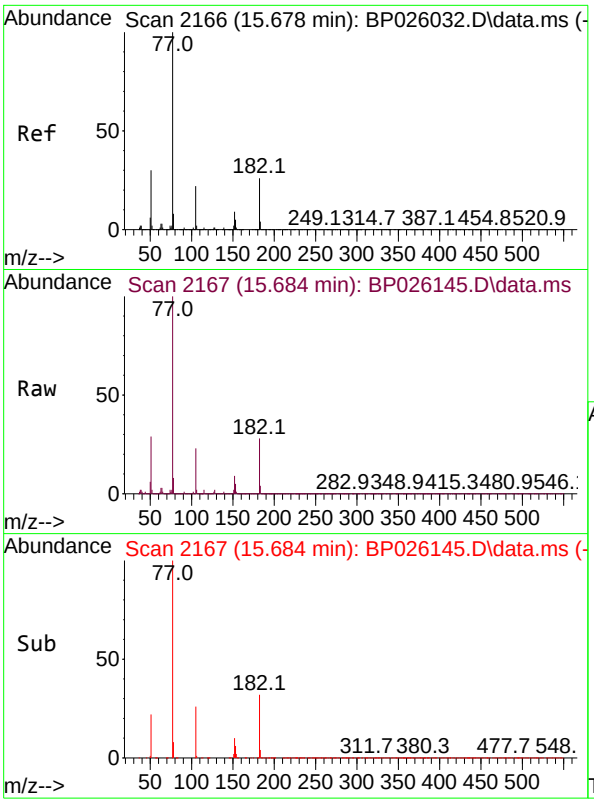




#62
4-Nitroaniline
Concen: 11.490 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:138 Resp: 113144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.8 | 27.5 | 67.5 |
| 108 | 69.9 | 51.1 | 91.1 |



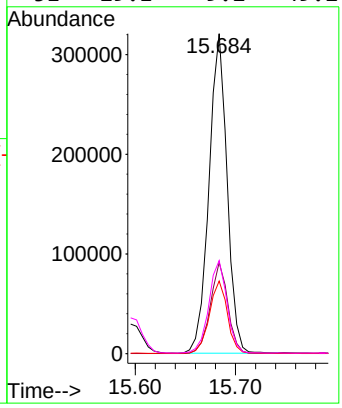


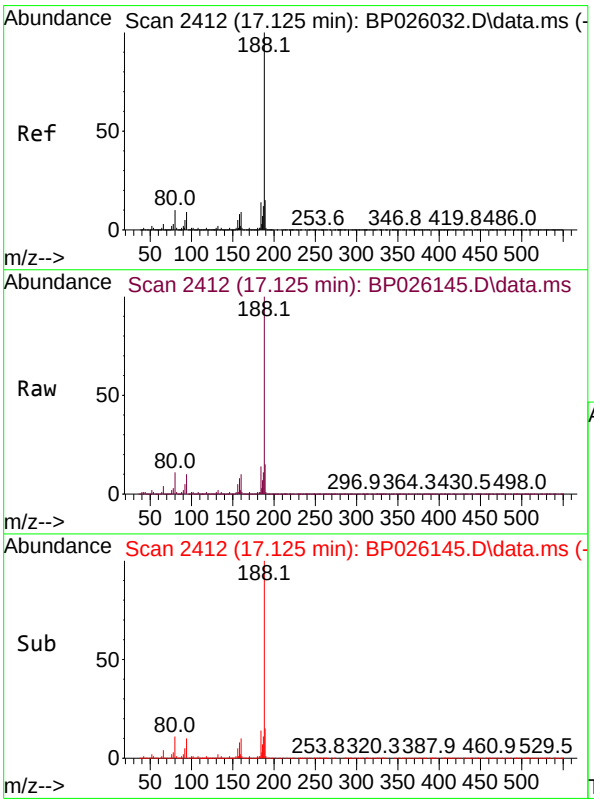

#63
Azobenzene
Concen: 9.741 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 402256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.5 | 8.8 | 48.8 |
| 105 | 22.7 | 2.6 | 42.6 |
| 51 | 29.1 | 9.2 | 49.2 |

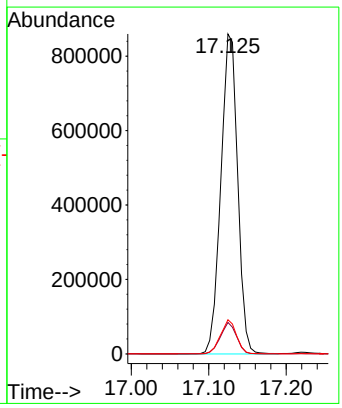


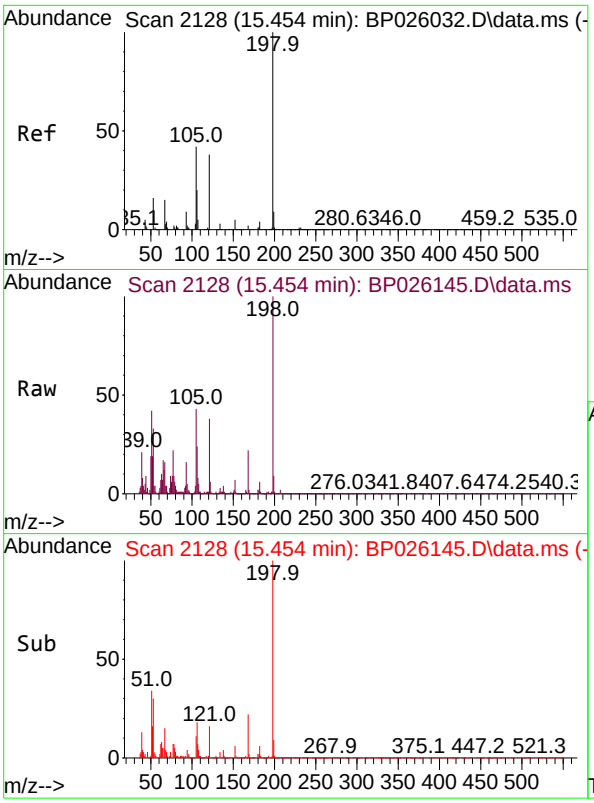




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:188 Resp: 1297120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.9 | 7.8 | 11.6 |
| 80 | 10.7 | 8.2 | 12.2 |



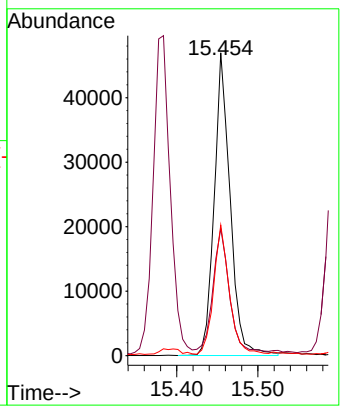


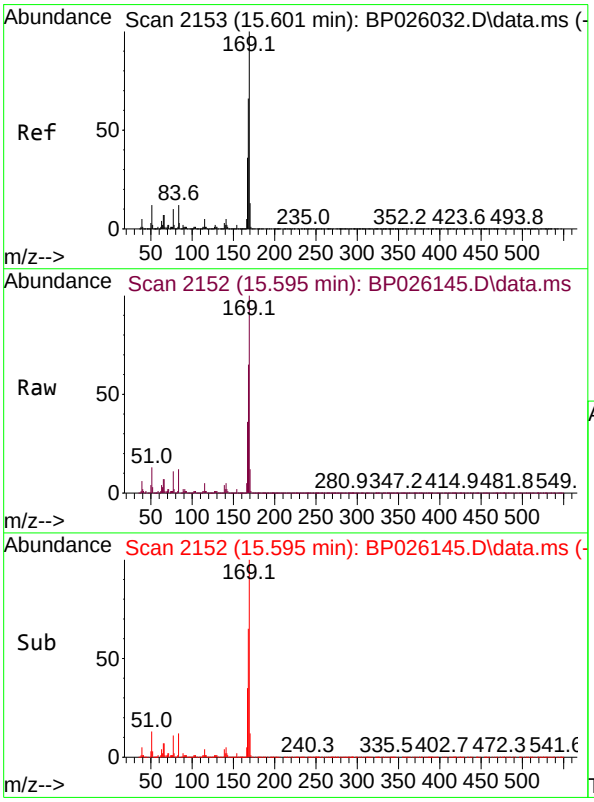

#65
4,6-Dinitro-2-methylphenol
Concen: 11.592 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:198 Resp: 64177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.0 | 18.4 | 58.4 |
| 105 | 43.1 | 18.5 | 58.5 |

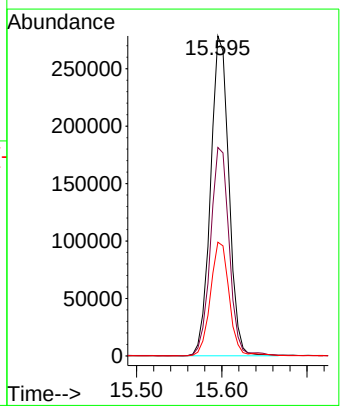


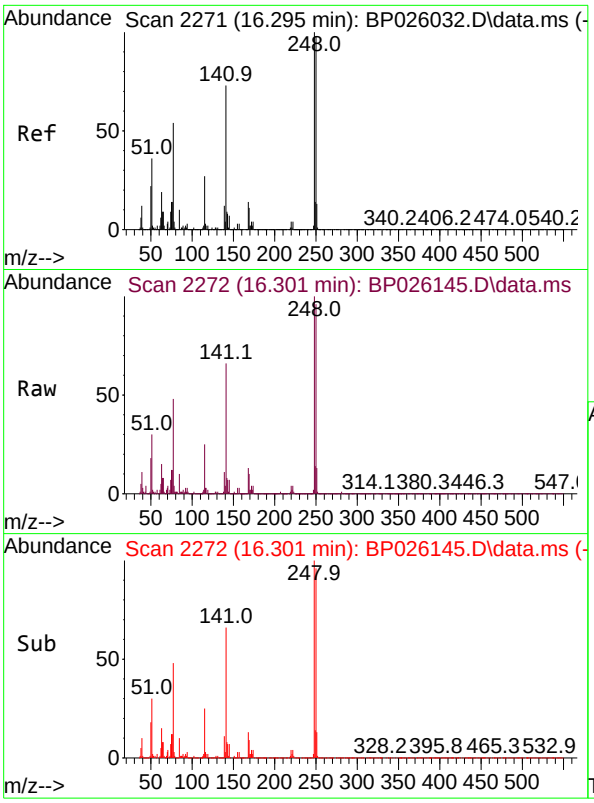




#66
n-Nitrosodiphenylamine
Concen: 10.270 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:169 Resp: 415043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.1 | 53.1 | 79.7 |
| 167 | 35.5 | 28.9 | 43.3 |



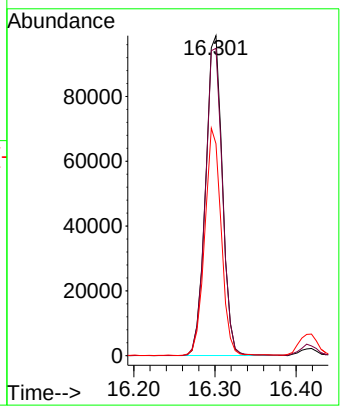


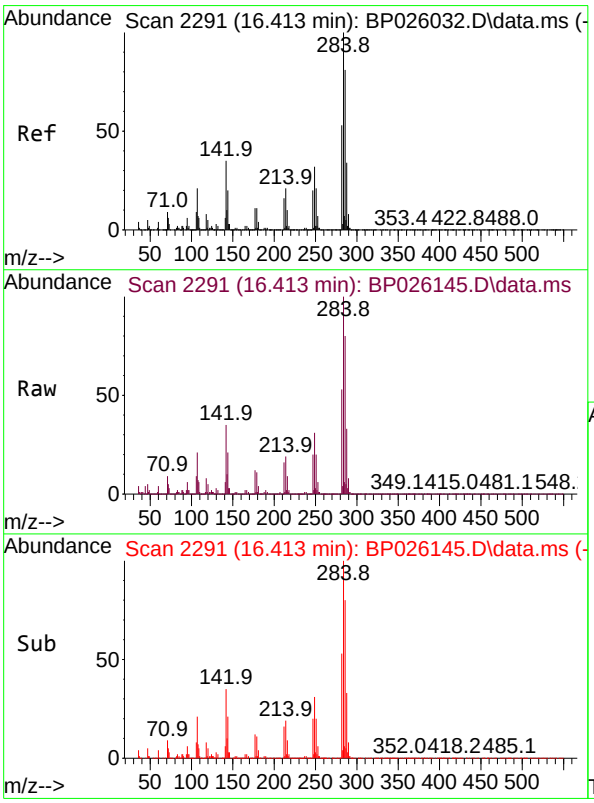

#67
4-Bromophenyl-phenylether
Concen: 9.873 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:248 Resp: 142168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 77.8 | 116.6 |
| 141 | 66.2 | 55.4 | 83.0 |

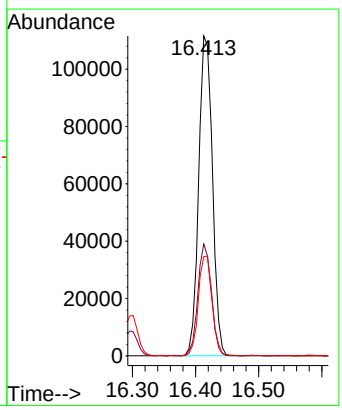


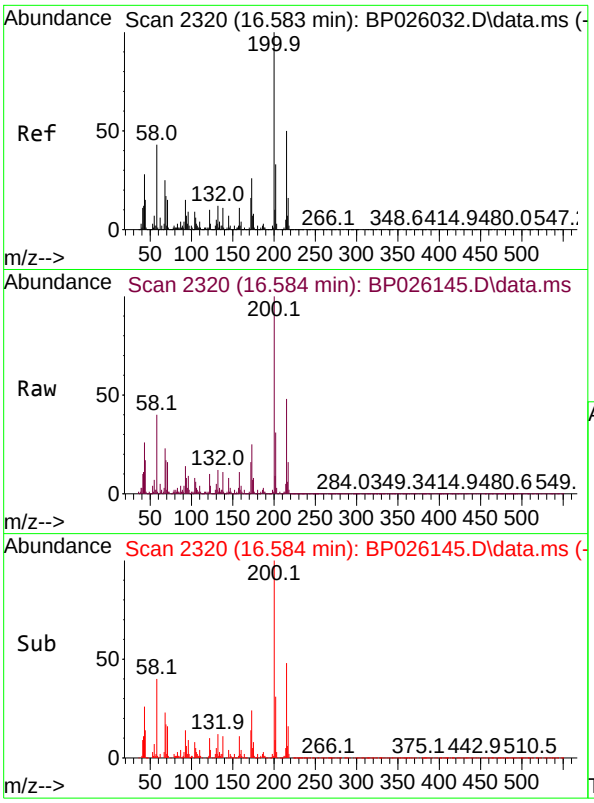




#68
Hexachlorobenzene
Concen: 10.292 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:284 Resp: 168597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.0 | 28.0 | 42.0 |
| 249 | 31.0 | 25.0 | 37.4 |



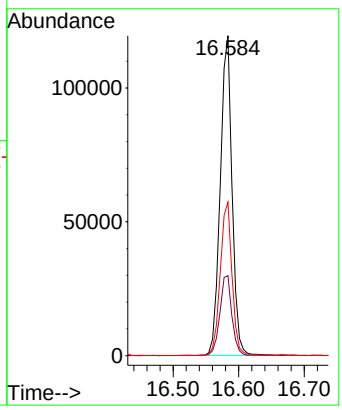


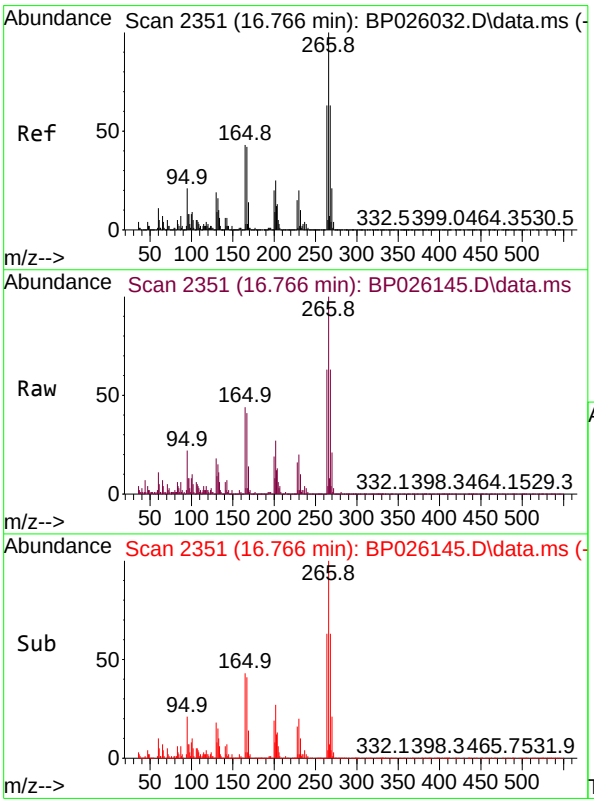

#69
Atrazine
Concen: 10.842 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:200 Resp: 150203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.0 | 6.7 | 46.7 |
| 215 | 47.9 | 27.4 | 67.4 |

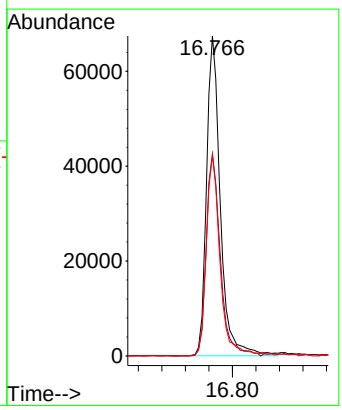


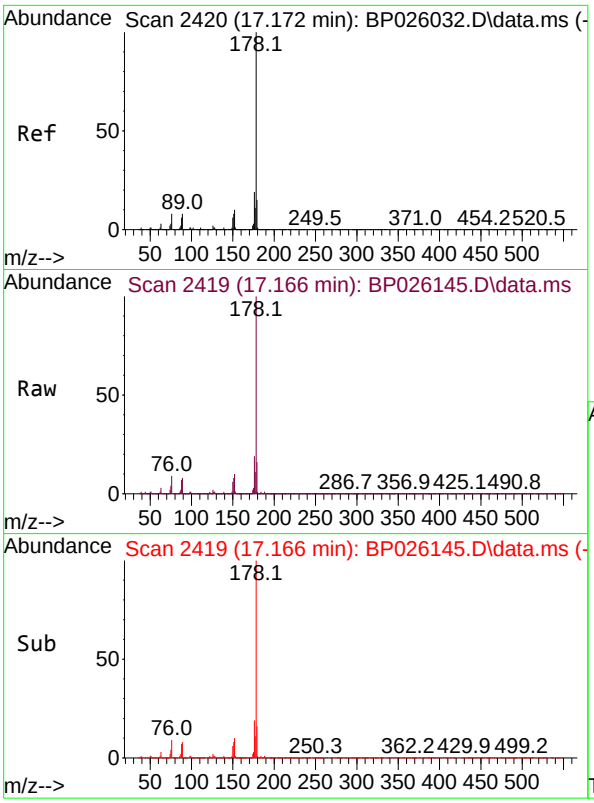




#70
Pentachlorophenol
Concen: 10.777 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:266 Resp: 109980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.0 | 76.4 |
| 264 | 62.8 | 50.2 | 75.2 |



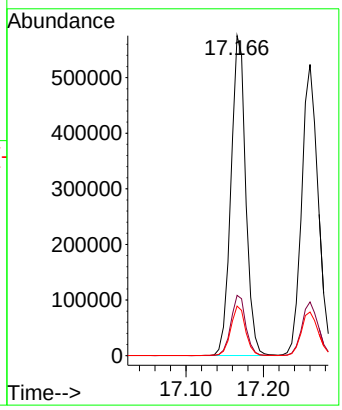


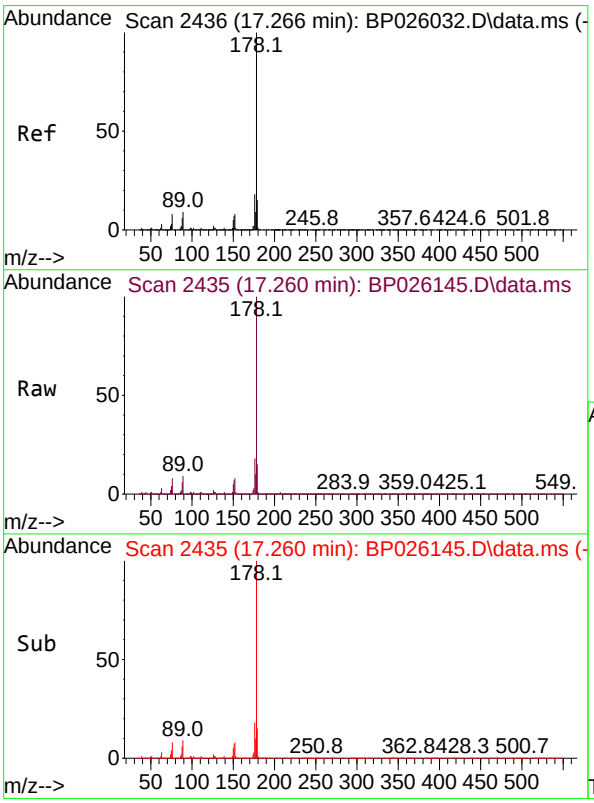

#71
Phenanthrene
Concen: 10.200 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:178 Resp: 764343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.4 | 23.2 |
| 179 | 15.5 | 12.4 | 18.6 |

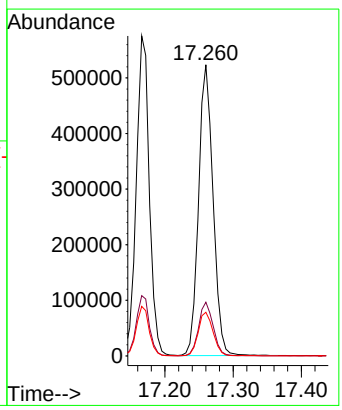


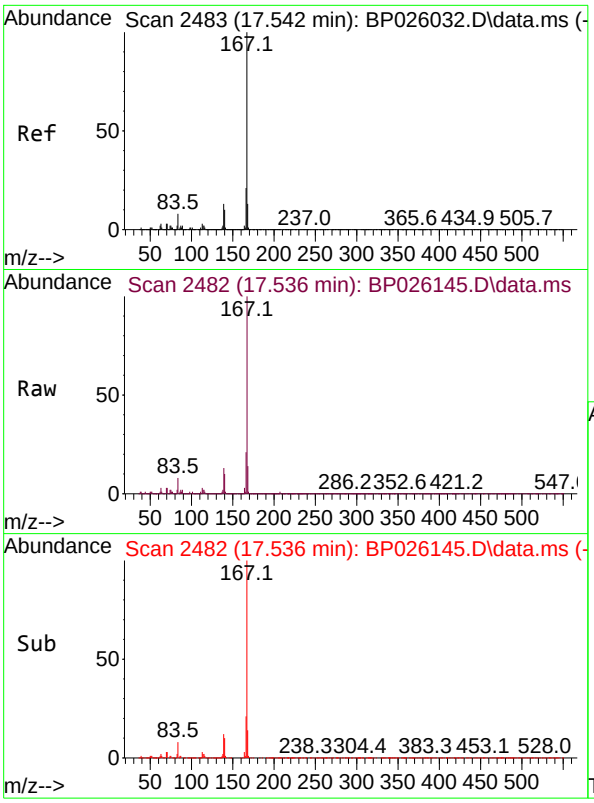




#72
Anthracene
Concen: 10.360 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:178 Resp: 774553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 14.8 | 22.2 |
| 179 | 15.0 | 12.2 | 18.4 |



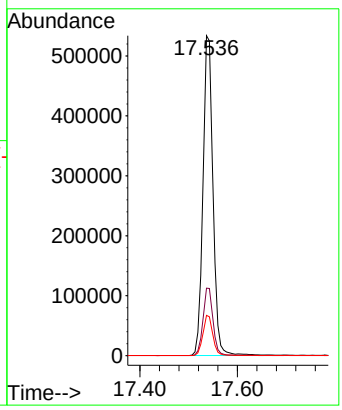


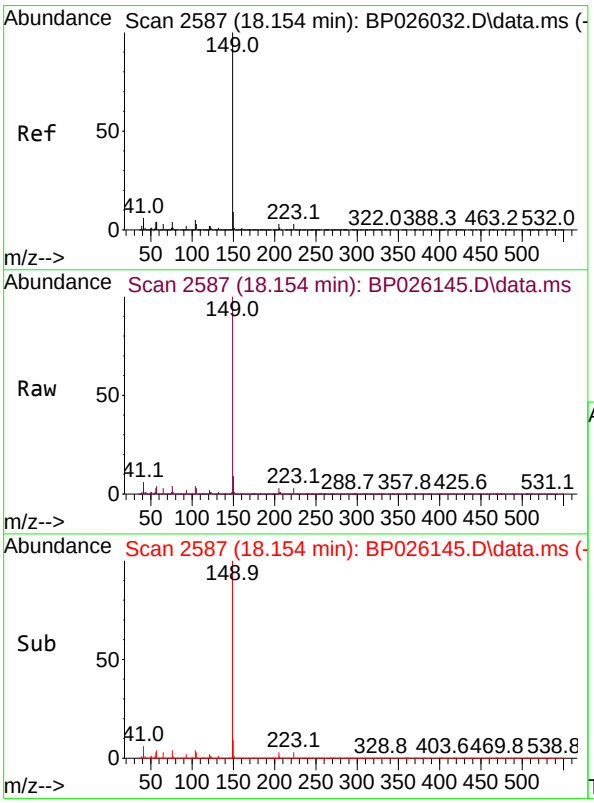

#73
Carbazole
Concen: 10.854 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:167 Resp: 763690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.1 | 25.7 |
| 139 | 12.6 | 10.2 | 15.4 |

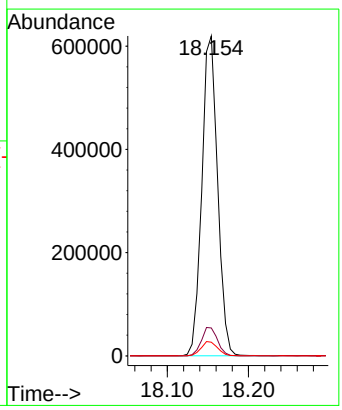


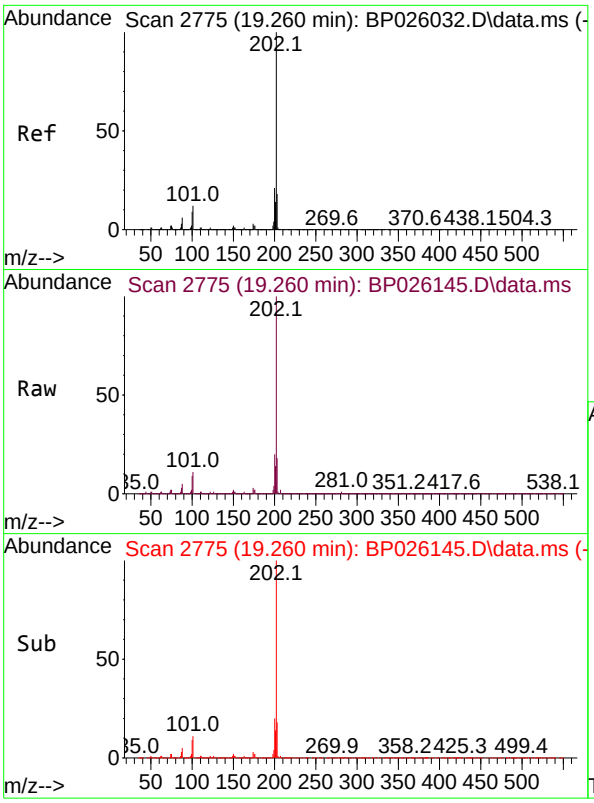




#74
Di-n-butylphthalate
Concen: 10.517 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 836819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.7 | 7.5 | 11.3 |
| 104 | 4.3 | 3.6 | 5.4 |



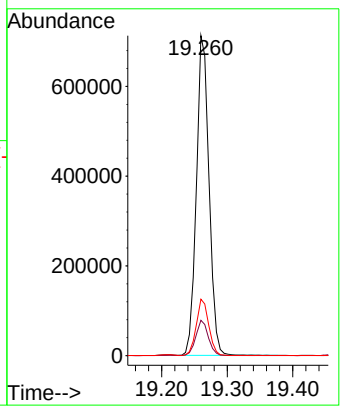


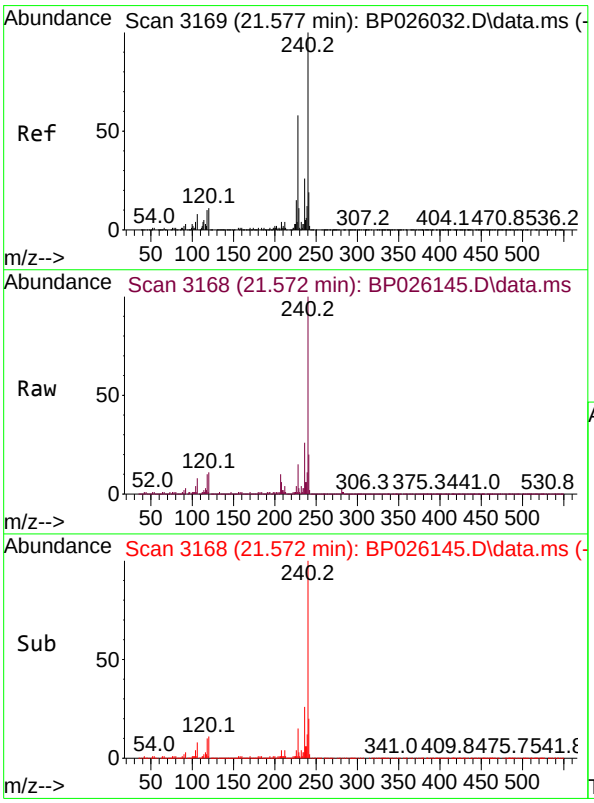

#75
Fluoranthene
Concen: 10.812 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:202 Resp: 949438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 31.2 |
| 203 | 17.6 | 0.0 | 37.7 |

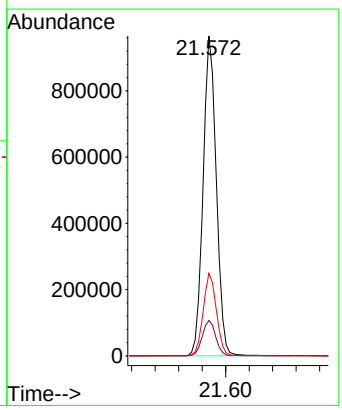


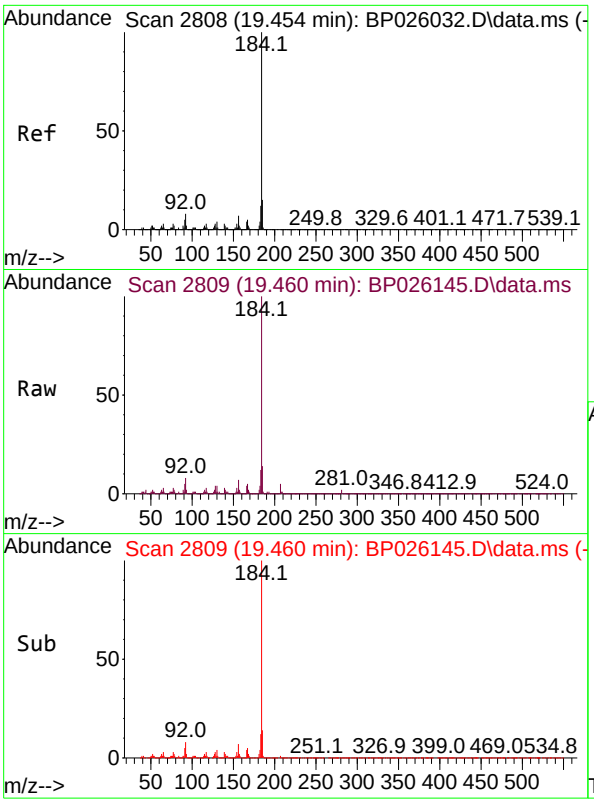




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:240 Resp: 1508224

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



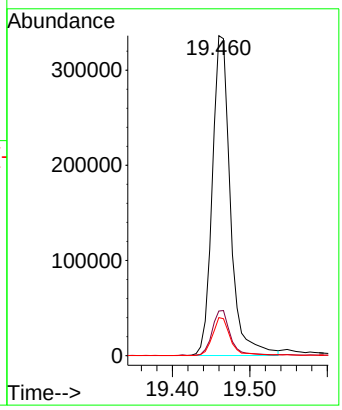


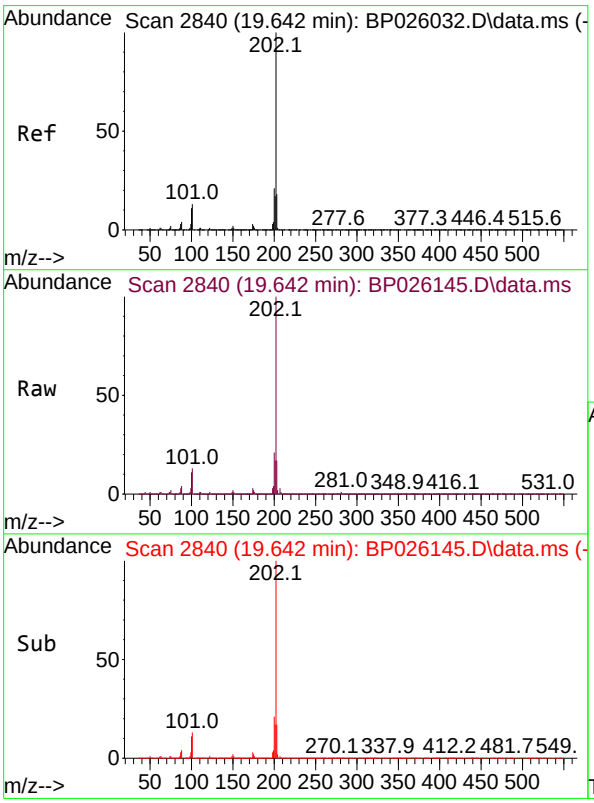

#77
Benzidine
Concen: 13.836 ng
RT: 19.460 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:184 Resp: 547975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.9 | 11.3 | 16.9 |
| 183 | 11.9 | 9.0 | 13.6 |

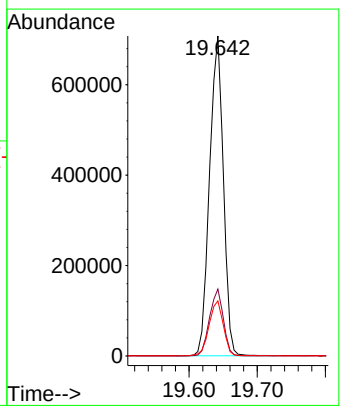


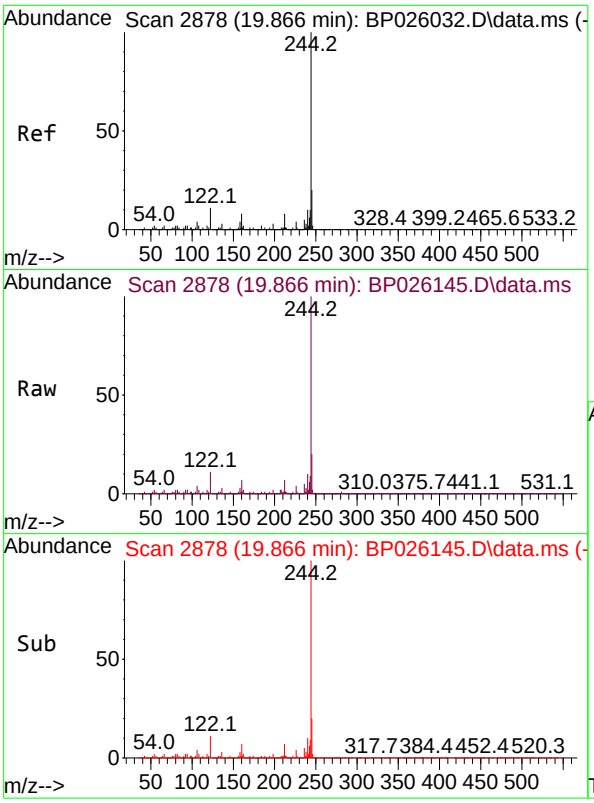




#78
Pyrene
Concen: 9.871 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:202 Resp: 994219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.9 | 25.3 |
| 203 | 17.2 | 13.8 | 20.8 |



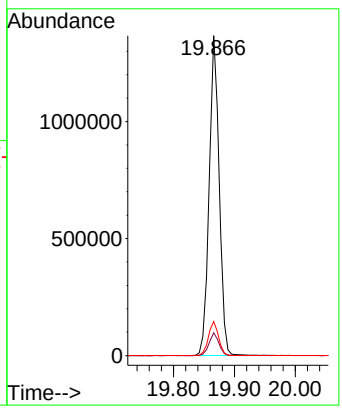


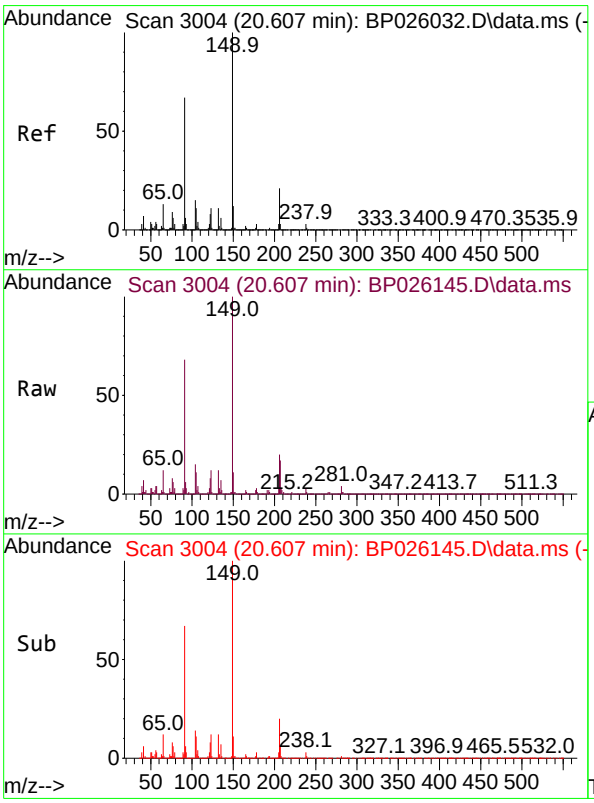

#79
Terphenyl-d14
Concen: 21.144 ng
RT: 19.866 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:244 Resp: 1563806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.8 | 8.8 |
| 122 | 10.6 | 8.2 | 12.2 |

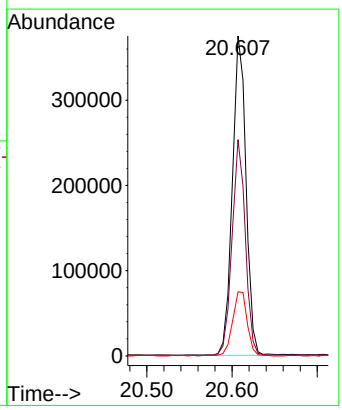


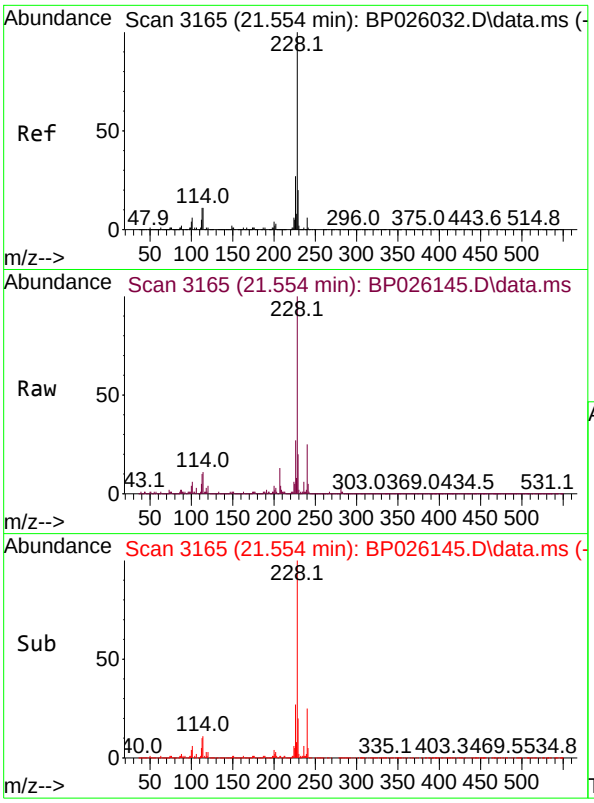




#80
Butylbenzylphthalate
Concen: 12.328 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 416294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.6 | 52.6 | 79.0 |
| 206 | 20.0 | 16.9 | 25.3 |



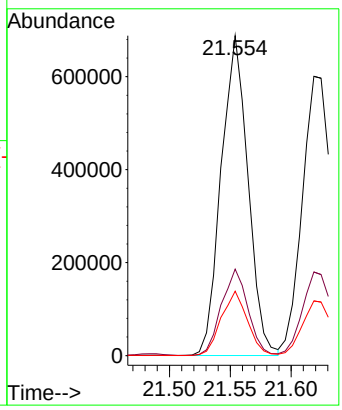


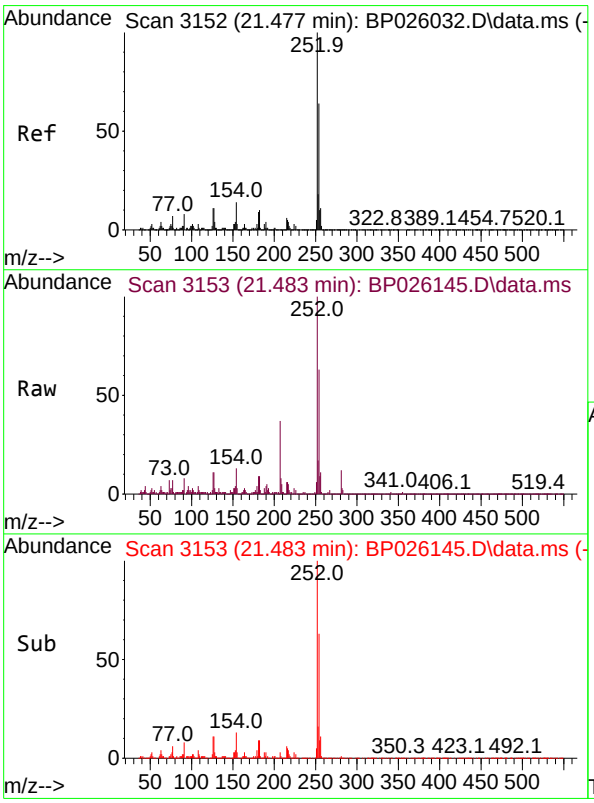

#81
Benzo(a)anthracene
Concen: 10.258 ng
RT: 21.554 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 1056422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.8 | 32.8 |
| 229 | 20.1 | 15.9 | 23.9 |

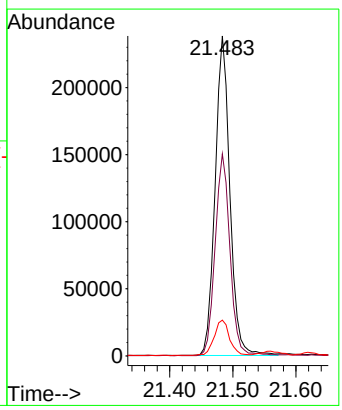


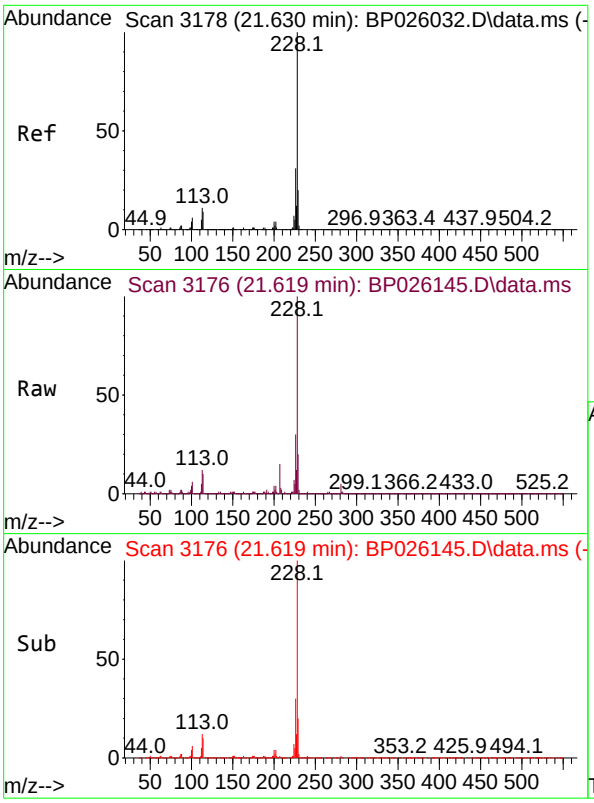




#82
3,3'-Dichlorobenzidine
Concen: 11.403 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 386780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.1 | 51.2 | 76.8 |
| 126 | 11.2 | 8.2 | 12.4 |



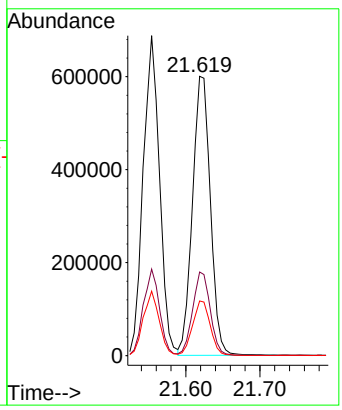


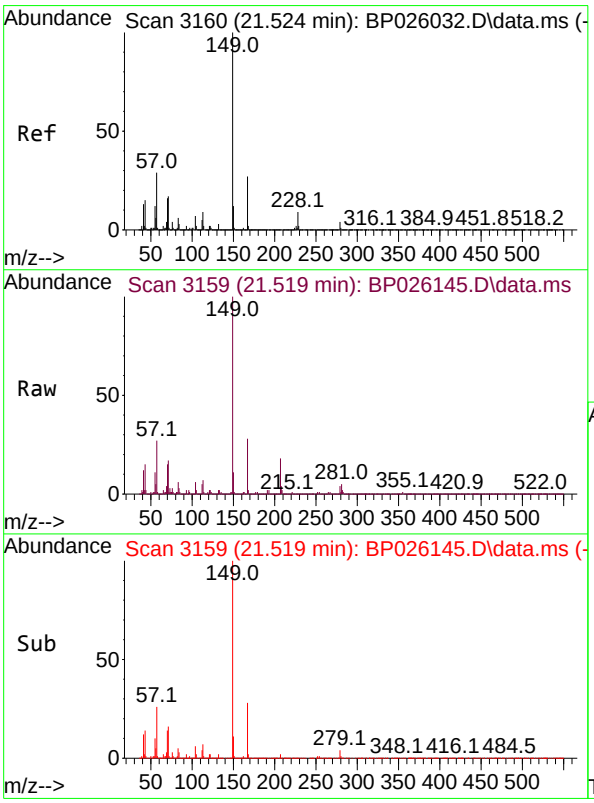

#83
Chrysene
Concen: 10.321 ng
RT: 21.619 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 1007569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.9 | 35.9 |
| 229 | 19.6 | 15.9 | 23.9 |

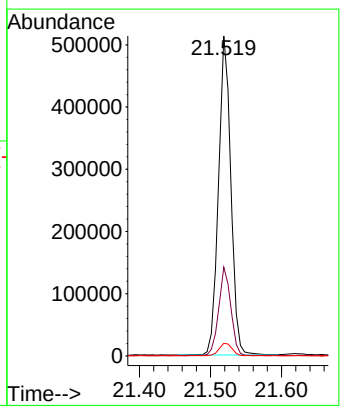


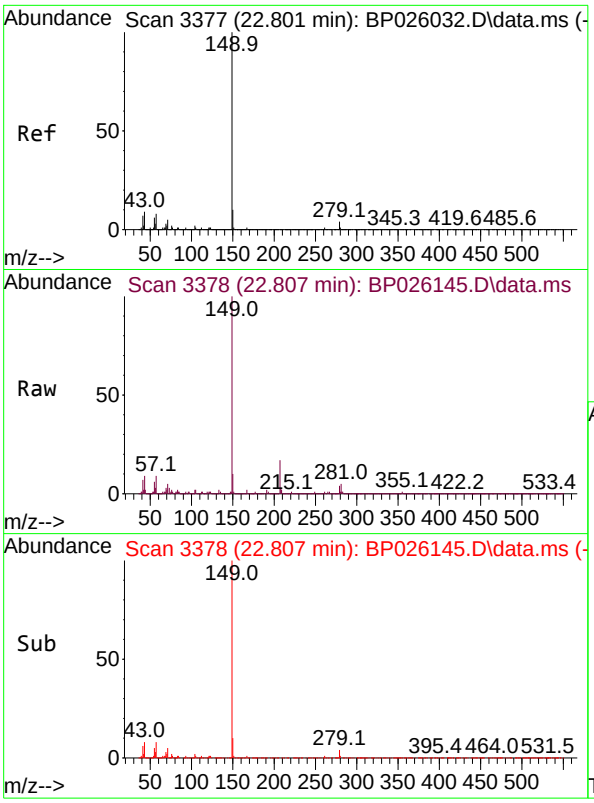




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.273 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 622482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 22.1 | 33.1 |
| 279 | 4.0 | 3.3 | 4.9 |



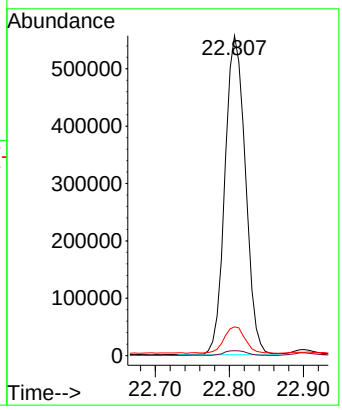


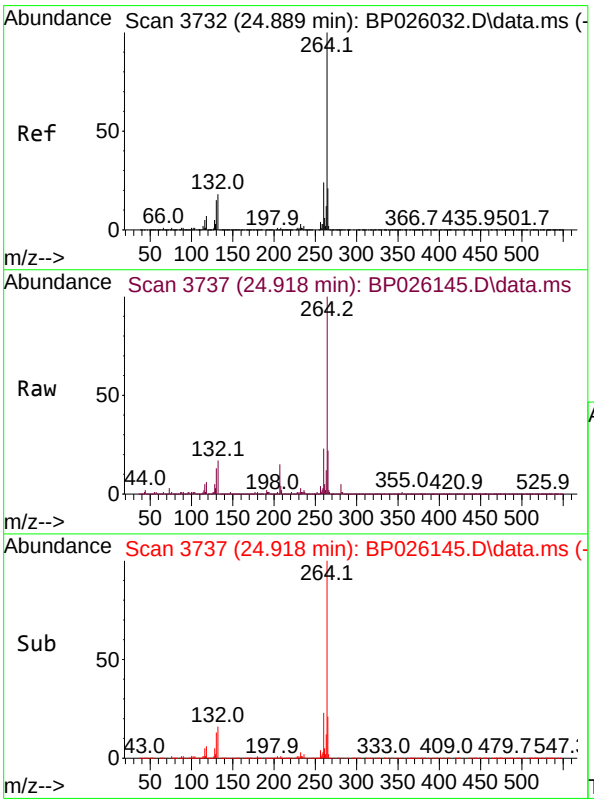

#85
Di-n-octyl phthalate
Concen: 11.335 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:149 Resp: 1066561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.5 | 6.6 | 10.0 |

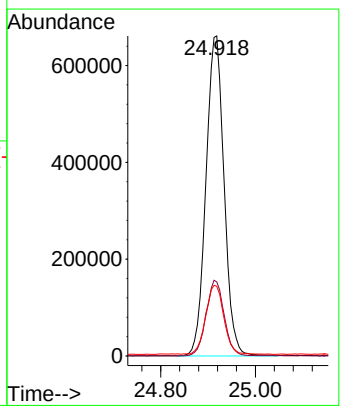


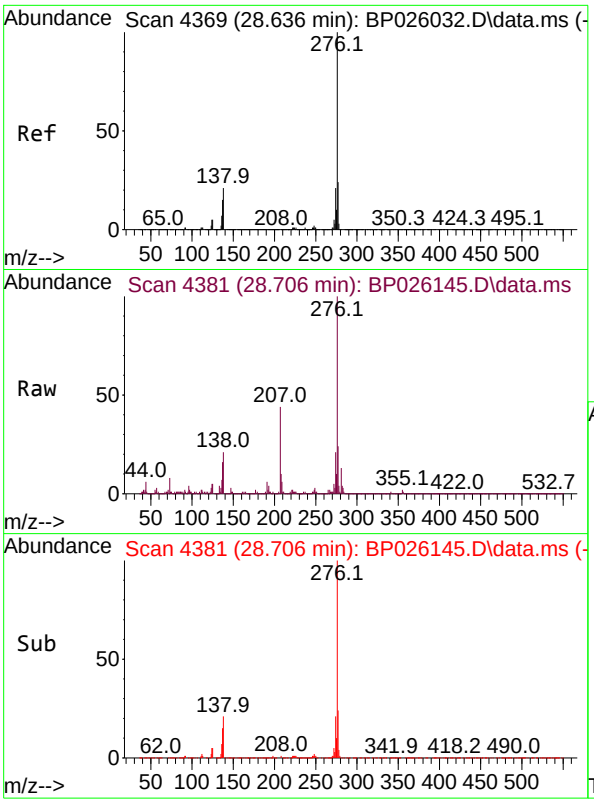




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:264 Resp: 1757840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.7 | 28.1 |
| 265 | 21.8 | 17.5 | 26.3 |



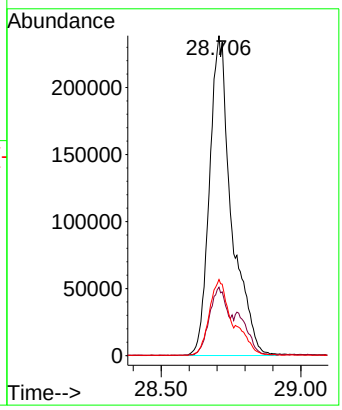


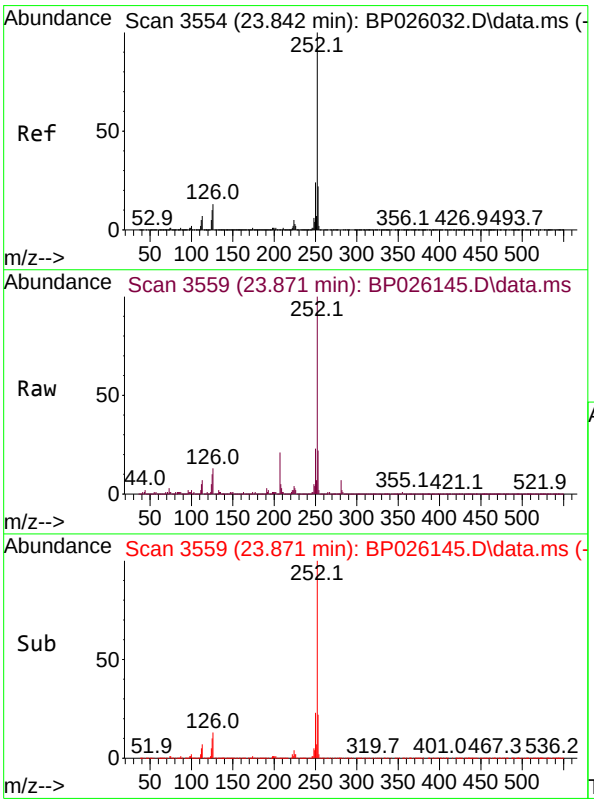

#87
Indeno(1,2,3-cd)pyrene
Concen: 10.110 ng
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:276 Resp: 1303884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.0 | 13.8 | 20.8 |
| 277 | 19.9 | 16.7 | 25.1 |

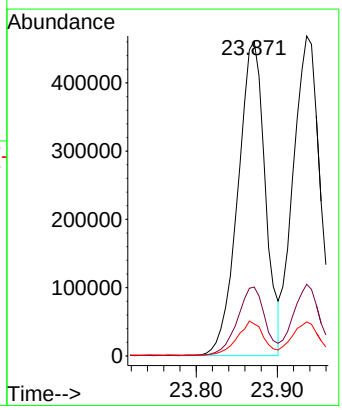


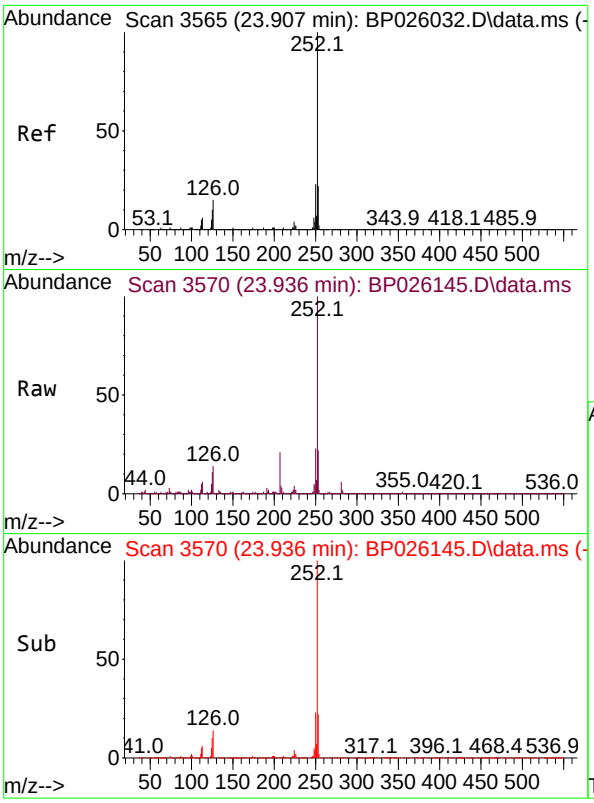




#88
Benzo(b)fluoranthene
Concen: 9.993 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1077584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 10.1 | 8.2 | 12.4 |



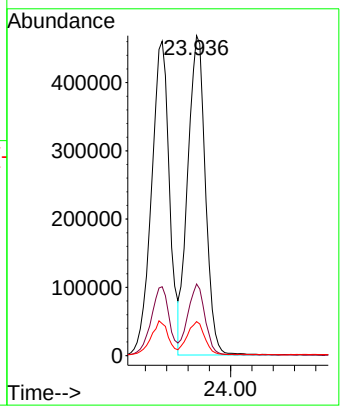


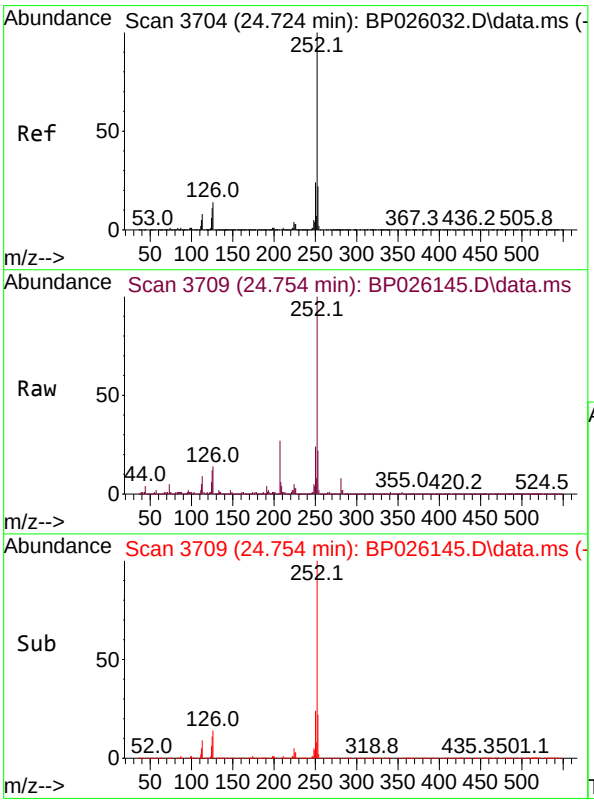

#89
Benzo(k)fluoranthene
Concen: 9.789 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:252 Resp: 1079191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.6 | 26.4 |
| 125 | 10.6 | 7.5 | 11.3 |

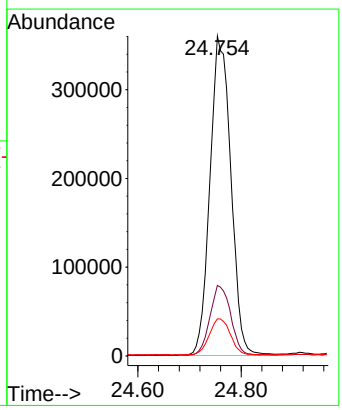


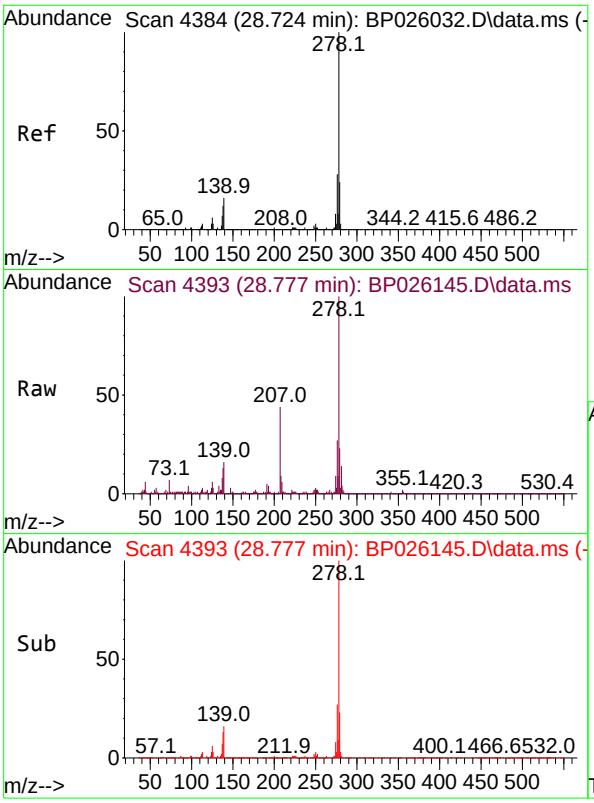




#90
Benzo(a)pyrene
Concen: 10.165 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1013571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 11.6 | 9.0 | 13.6 |



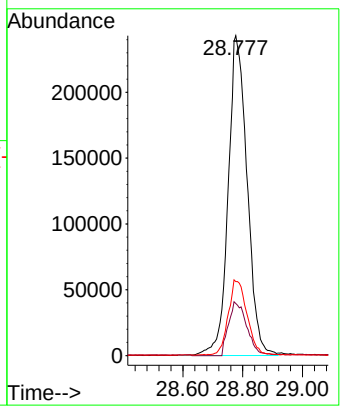


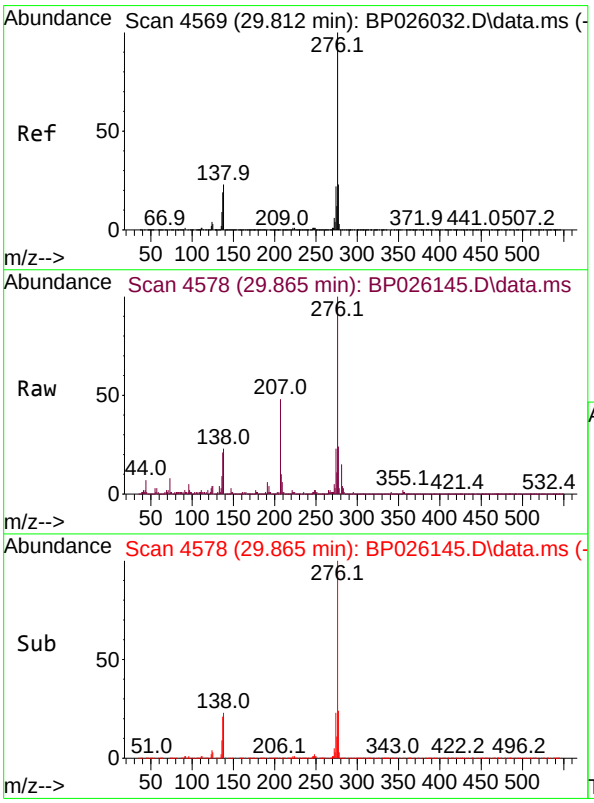

#91
Dibenzo(a,h)anthracene
Concen: 10.197 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:278 Resp: 1072192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.3 | 13.2 | 19.8 |
| 279 | 23.1 | 19.2 | 28.8 |

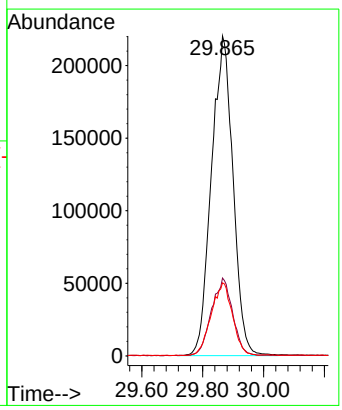



#92
Benzo(g,h,i)perylene
Concen: 10.641 ng
RT: 29.865 min Scan# 4578
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:276 Resp: 1080830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 18.8 | 28.2 |
| 138 | 22.8 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 298291 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.449 | 136 | 1240005 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 810030 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1709036 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.589 | 240 | 1880769 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.924 | 264 | 2127701 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 762064 | 42.149 | ng | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 967986 | 42.206 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 898109 | 44.814 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.837 | 330 | 442990 | 49.922 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 2354273 | 41.935 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.878 | 244 | 3990615 | 43.268 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 156200 | 20.591 | ng | 99 |
| 3) Pyridine | 3.620 | 79 | 450325 | 20.880 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 167064 | 19.544 | ng | 95 |
| 6) Aniline | 7.002 | 93 | 642407 | 21.012 | ng | 99 |
| 8) 2-Chlorophenol | 7.243 | 128 | 428984 | 21.417 | ng | 98 |
| 9) Benzaldehyde | 6.819 | 77 | 268085 | 23.205 | ng | 97 |
| 10) Phenol | 6.872 | 94 | 524201 | 20.669 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 408052 | 20.320 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 468385 | 20.475 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 473917 | 20.465 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 453824 | 20.519 | ng | 100 |
| 15) Benzyl Alcohol | 7.902 | 79 | 352314 | 21.241 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 585097 | 19.455 | ng | 99 |
| 17) 2-Methylphenol | 8.108 | 107 | 355321 | 21.308 | ng | 99 |
| 18) Hexachloroethane | 8.749 | 117 | 169683 | 21.211 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 317044 | 22.304 | ng | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 494113 | 21.323 | ng | 99 |
| 22) Acetophenone | 8.484 | 105 | 656986 | 21.014 | ng | 100 |
| 24) Nitrobenzene | 8.849 | 77 | 456901 | 21.768 | ng | 99 |
| 25) Isophorone | 9.384 | 82 | 912115 | 21.502 | ng | 99 |
| 26) 2-Nitrophenol | 9.560 | 139 | 225396 | 31.463 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.619 | 122 | 418475 | 23.115 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 563383 | 21.042 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 415150 | 21.974 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 417562 | 20.380 | ng | 96 |
| 31) Naphthalene | 10.496 | 128 | 1383127 | 20.547 | ng | 100 |
| 32) Benzoic acid | 9.737 | 122 | 332008 | 30.418 | ng | 98 |
| 33) 4-Chloroaniline | 10.590 | 127 | 594215 | 22.720 | ng | 99 |
| 34) Hexachlorobutadiene | 10.796 | 225 | 271388 | 20.697 | ng | 99 |
| 35) Caprolactam | 11.366 | 113 | 152491 | 23.091 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 453497 | 22.951 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.113 | 142 | 997491 | 21.193 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 973734 | 21.279 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.490 | 216 | 496403 | 19.803 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 309362 | 29.677 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 349396 | 23.301 | ng | 98 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.801 | 196 | 390063 | 22.897 | ng | 99 |
| 46) | 1,1'-Biphenyl | 13.137 | 154 | 1280167 | 20.733 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.178 | 162 | 985563 | 20.303 | ng | 99 |
| 48) | 2-Nitroaniline | 13.372 | 65 | 279508 | 25.032 | ng | 96 |
| 49) | Acenaphthylene | 14.031 | 152 | 1661599 | 23.158 | ng | 100 |
| 50) | Dimethylphthalate | 13.772 | 163 | 1274006 | 21.720 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 13.884 | 165 | 251271 | 25.482 | ng | 98 |
| 52) | Acenaphthene | 14.384 | 154 | 955446 | 19.901 | ng | 100 |
| 53) | 3-Nitroaniline | 14.213 | 138 | 297736 | 24.958 | ng | 99 |
| 54) | 2,4-Dinitrophenol | 14.431 | 184 | 141102 | 31.181 | ng | 96 |
| 55) | Dibenzofuran | 14.719 | 168 | 1523244 | 20.834 | ng | 99 |
| 56) | 4-Nitrophenol | 14.537 | 139 | 268085 | 22.578 | ng | 99 |
| 57) | 2,4-Dinitrotoluene | 14.678 | 165 | 380156 | 26.418 | ng | 97 |
| 58) | Fluorene | 15.384 | 166 | 1215204 | 21.155 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.948 | 232 | 331539 | 24.574 | ng | 99 |
| 60) | Diethylphthalate | 15.166 | 149 | 1289507 | 21.853 | ng | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 15.384 | 204 | 600360 | 20.967 | ng | 97 |
| 62) | 4-Nitroaniline | 15.390 | 138 | 319109 | 25.224 | ng | 100 |
| 63) | Azobenzene | 15.684 | 77 | 1089967 | 20.545 | ng | 98 |
| 65) | 4,6-Dinitro-2-methylph... | 15.460 | 198 | 209402 | 28.706 | ng | 94 |
| 66) | n-Nitrosodiphenylamine | 15.601 | 169 | 1094982 | 20.565 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.301 | 248 | 381732 | 20.120 | ng | 99 |
| 68) | Hexachlorobenzene | 16.419 | 284 | 443742 | 20.559 | ng | 97 |
| 69) | Atrazine | 16.589 | 200 | 422452 | 23.144 | ng | 98 |
| 70) | Pentachlorophenol | 16.772 | 266 | 306483 | 22.793 | ng | 99 |
| 71) | Phenanthrene | 17.178 | 178 | 2014344 | 20.401 | ng | 100 |
| 72) | Anthracene | 17.272 | 178 | 2046874 | 20.778 | ng | 100 |
| 73) | Carbazole | 17.548 | 167 | 1966833 | 21.216 | ng | 100 |
| 74) | Di-n-butylphthalate | 18.160 | 149 | 2344972 | 22.368 | ng | 99 |
| 75) | Fluoranthene | 19.272 | 202 | 2482057 | 21.452 | ng | 99 |
| 77) | Benzidine | 19.472 | 184 | 1379032 | 27.923 | ng | 100 |
| 78) | Pyrene | 19.648 | 202 | 2586291 | 20.591 | ng | 100 |
| 80) | Butylbenzylphthalate | 20.613 | 149 | 1151348 | 27.342 | ng | 99 |
| 81) | Benzo(a)anthracene | 21.566 | 228 | 2702573 | 21.043 | ng | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.483 | 252 | 989512 | 23.394 | ng | 98 |
| 83) | Chrysene | 21.636 | 228 | 2522765 | 20.723 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.530 | 149 | 1726261 | 25.069 | ng | 99 |
| 85) | Di-n-octyl phthalate | 22.813 | 149 | 2956568 | 25.198 | ng | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.706 | 276 | 3273296m | 20.969 | ng | |
| 88) | Benzo(b)fluoranthene | 23.866 | 252 | 2704711 | 20.722 | ng | 100 |
| 89) | Benzo(k)fluoranthene | 23.942 | 252 | 2712398 | 20.326 | ng | 99 |
| 90) | Benzo(a)pyrene | 24.754 | 252 | 2549616 | 21.125 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.795 | 278 | 2711736 | 21.306 | ng | 100 |
| 92) | Benzo(g,h,i)perylene | 29.877 | 276 | 2666038m | 21.686 | ng | |

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

ICAL Form

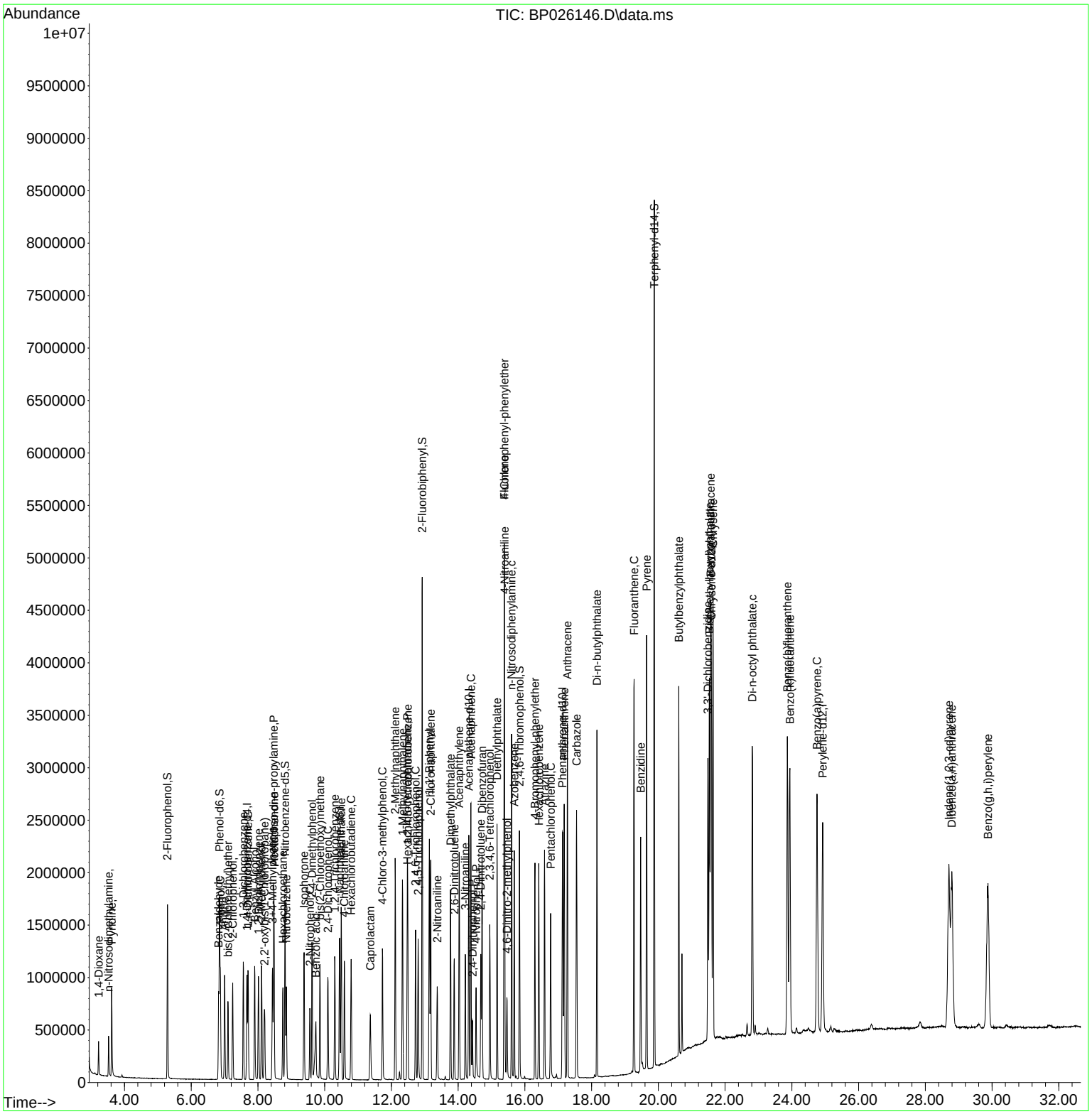
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

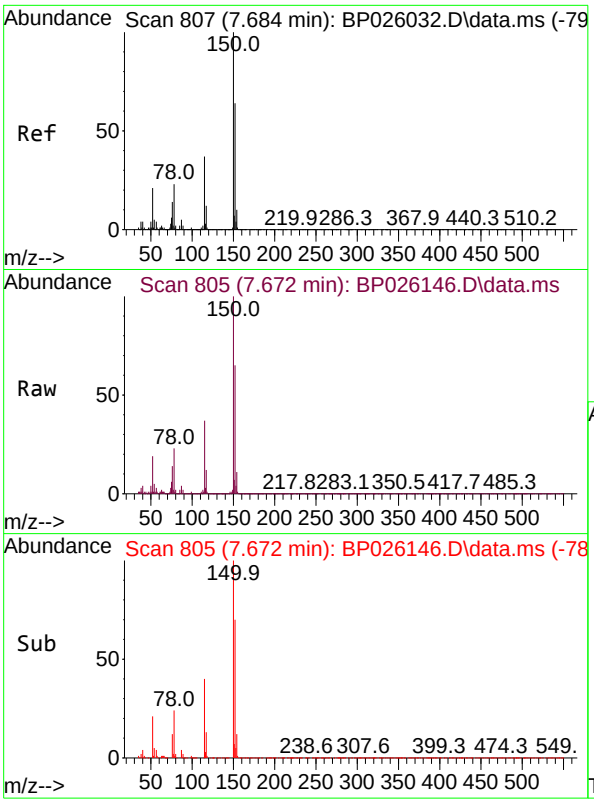
Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

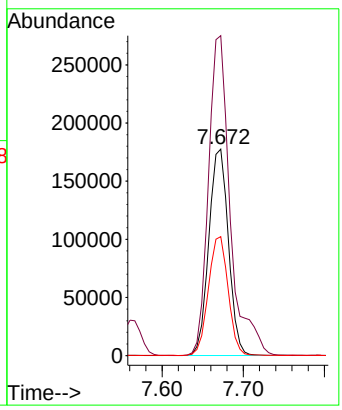





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:152 Resp: 298291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.0 | 123.0 | 184.6 |
| 115 | 57.6 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
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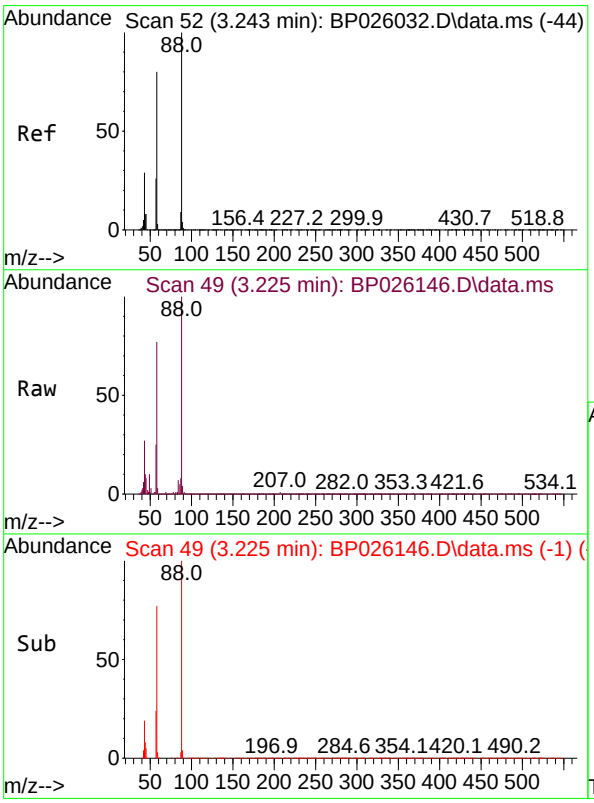
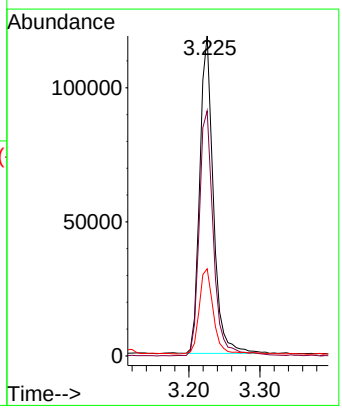
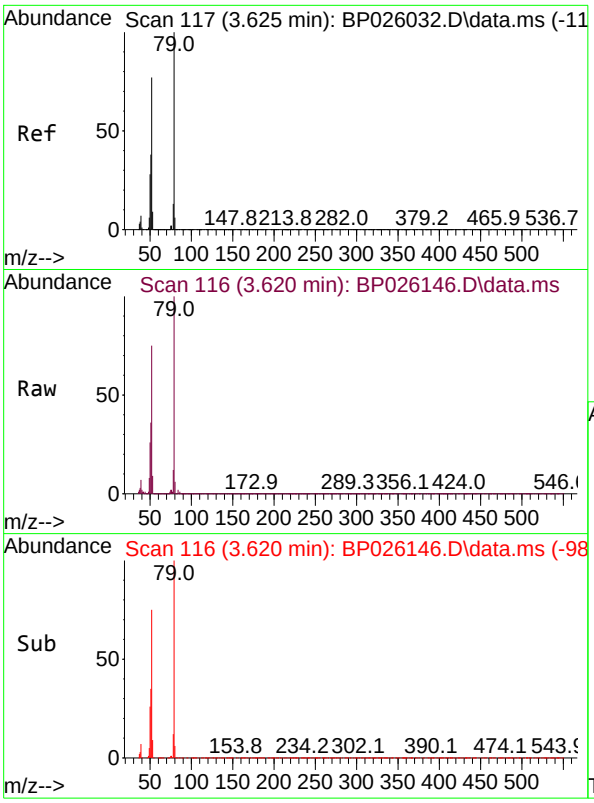



#2
1,4-Dioxane
Concen: 20.591 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 88 Resp: 156200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.0 | 64.2 | 96.4 |
| 43 | 28.2 | 21.5 | 32.3 |

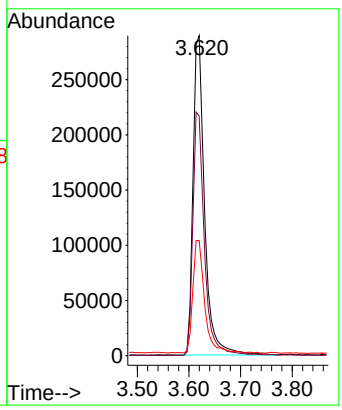





#3
Pyridine
Concen: 20.880 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 79 Resp: 45032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.9 | 60.2 | 90.2 |
| 51 | 36.0 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
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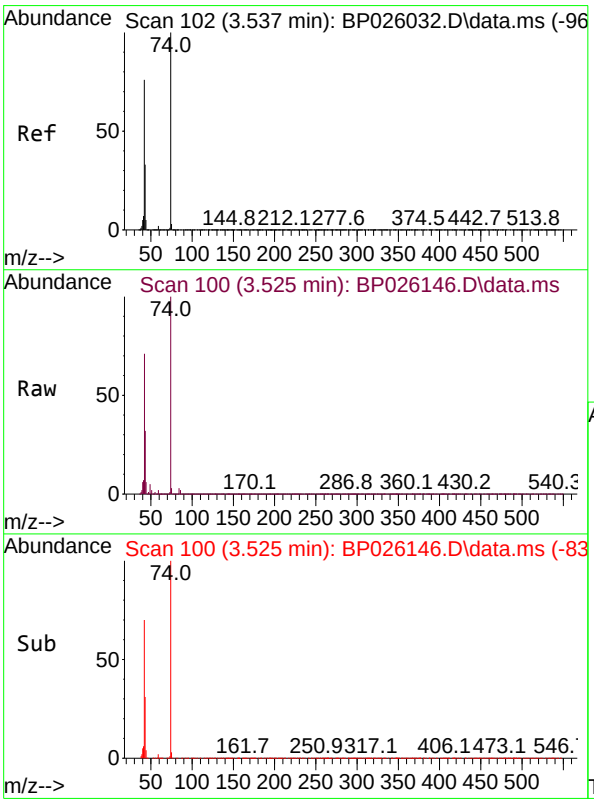
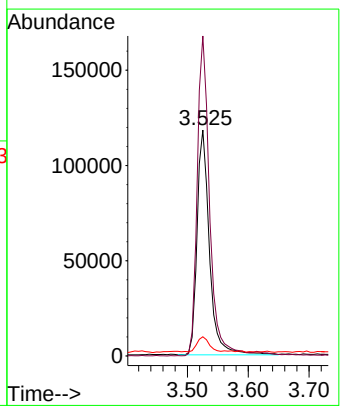
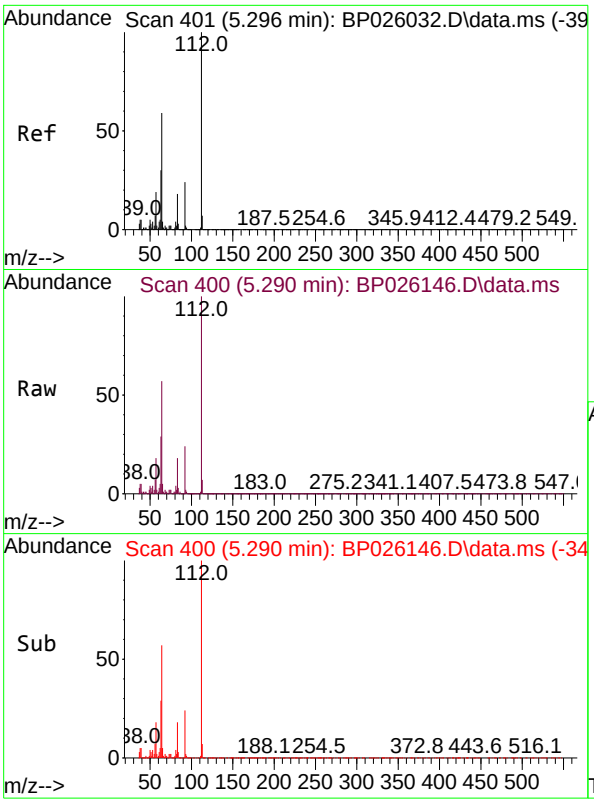



#4
n-Nitrosodimethylamine
Concen: 19.544 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 42 Resp: 167064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.6 | 118.1 | 177.1 |
| 44 | 8.5 | 6.2 | 9.4 |

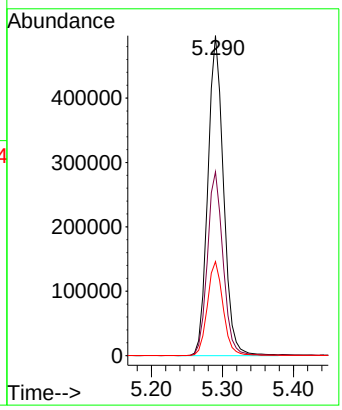





#5
2-Fluorophenol
Concen: 42.149 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:112 Resp: 76206

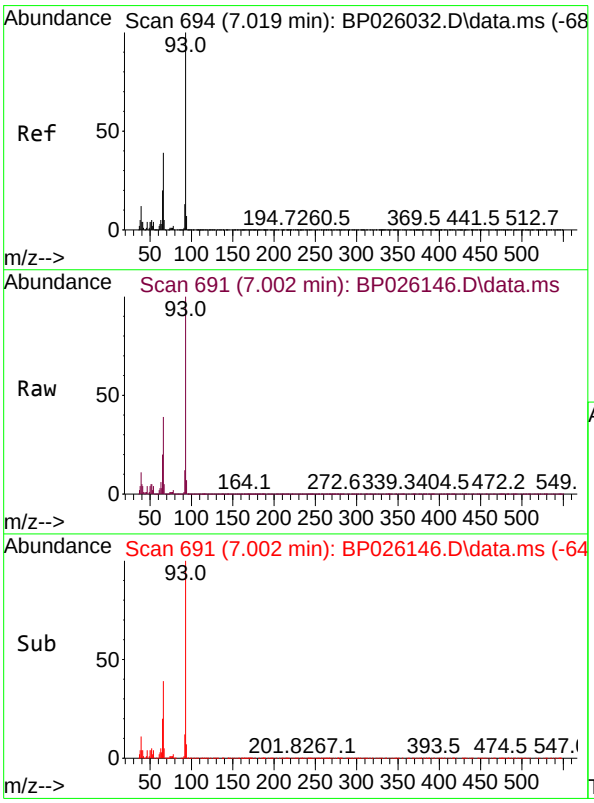
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.4 | 45.8 | 68.6 |
| 63 | 29.4 | 23.5 | 35.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

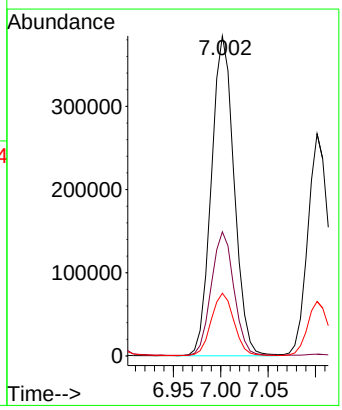
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

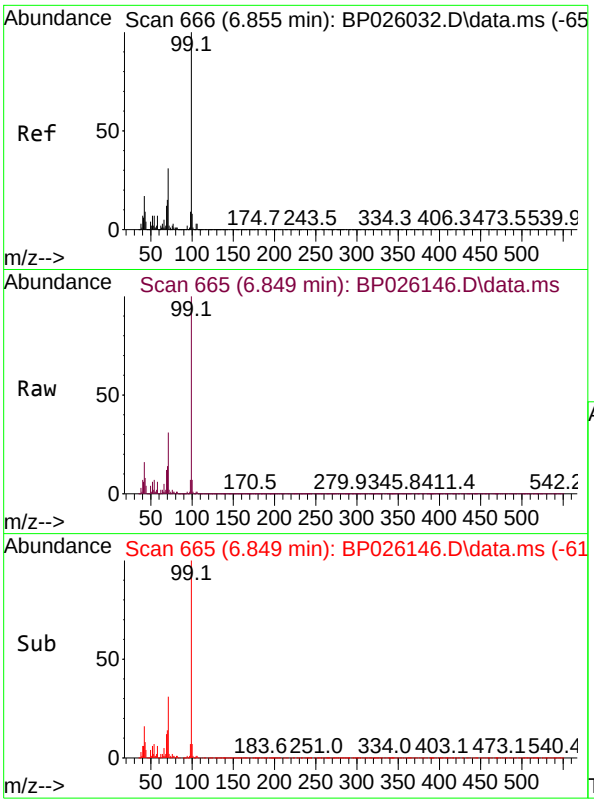



#6
Aniline
Concen: 21.012 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 642407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.8 | 31.7 | 47.5 |
| 65 | 19.6 | 15.8 | 23.6 |

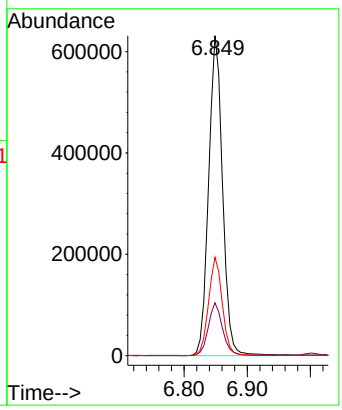





#7
Phenol-d6
Concen: 42.206 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 99 Resp: 96798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.5 | 12.9 | 19.3 |
| 71 | 30.7 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

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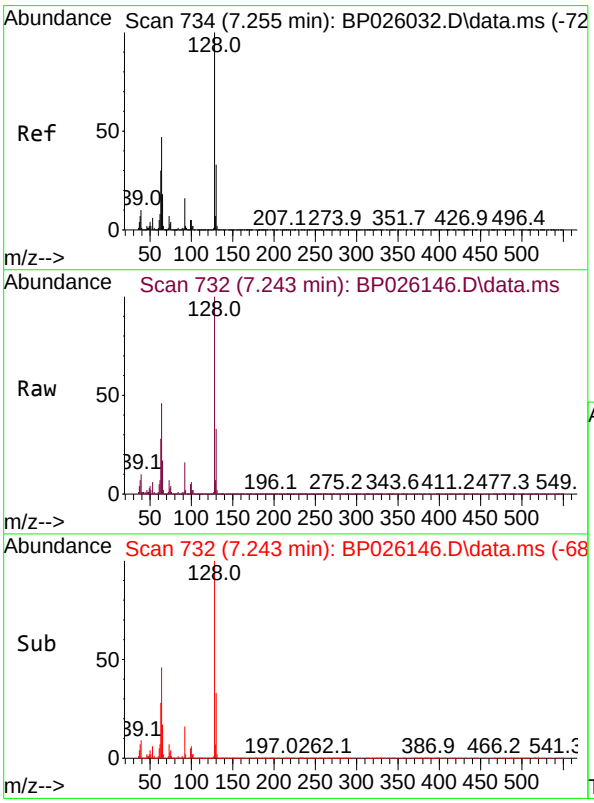
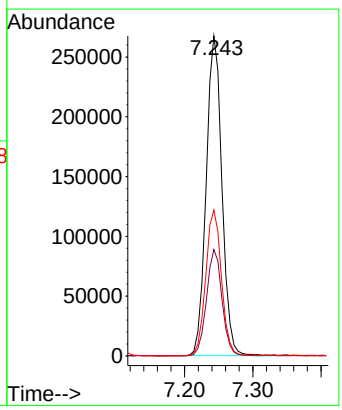
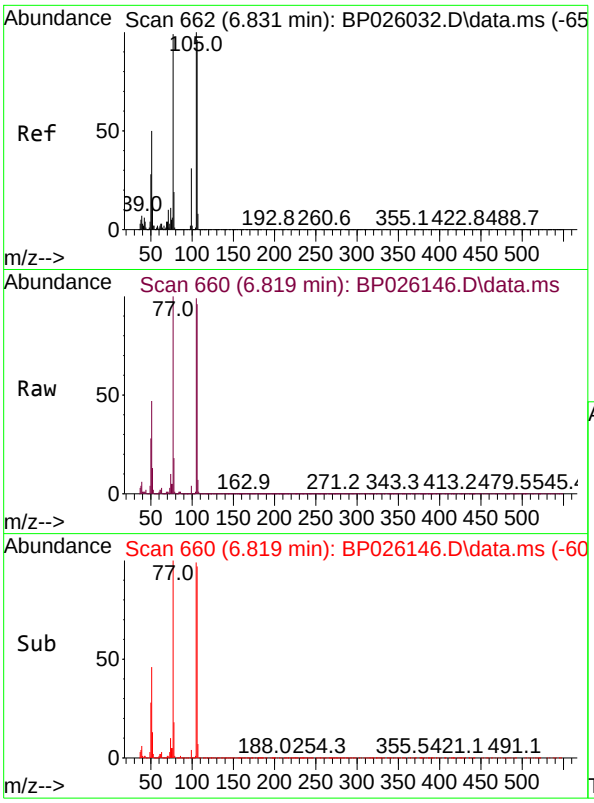



#8
2-Chlorophenol
Concen: 21.417 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:128 Resp: 428984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.2 | 12.4 | 52.4 |
| 64 | 45.6 | 23.9 | 63.9 |

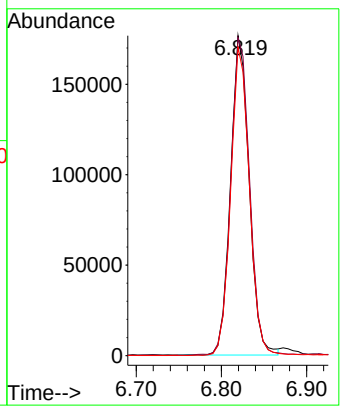





#9
Benzaldehyde
Concen: 23.205 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 26808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.3 | 82.9 | 122.9 |
| 106 | 96.4 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

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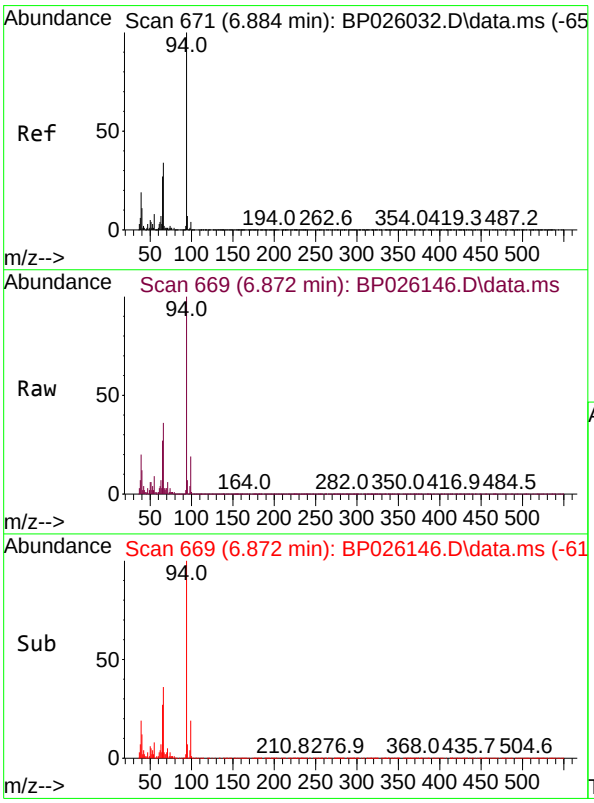
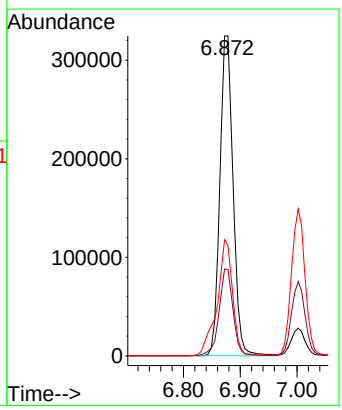
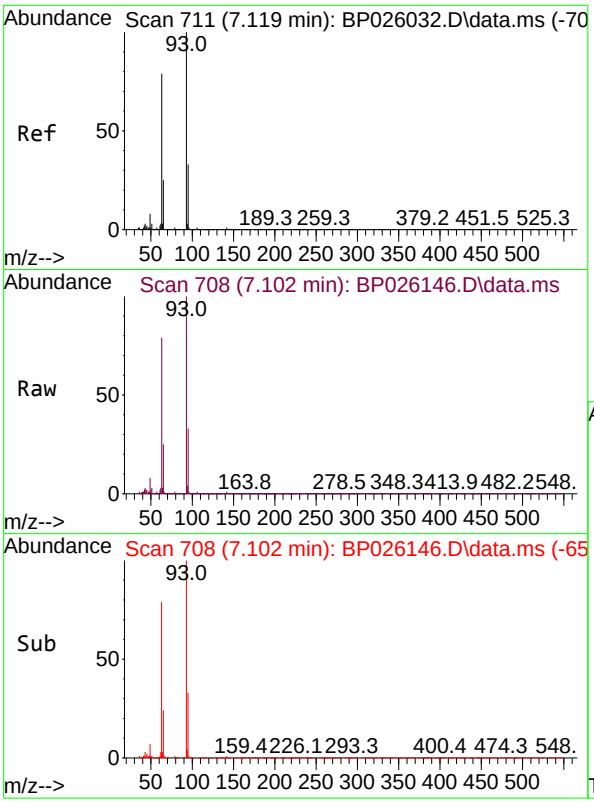



#10
Phenol
Concen: 20.669 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 94 Resp: 524201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.1 | 7.0 | 47.0 |
| 66 | 36.3 | 14.5 | 54.5 |

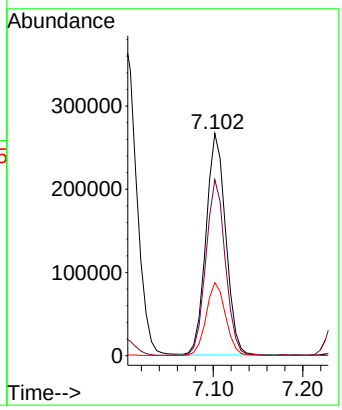





#11
bis(2-Chloroethyl)ether
Concen: 20.320 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 40805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.2 | 58.8 | 98.8 |
| 95 | 32.8 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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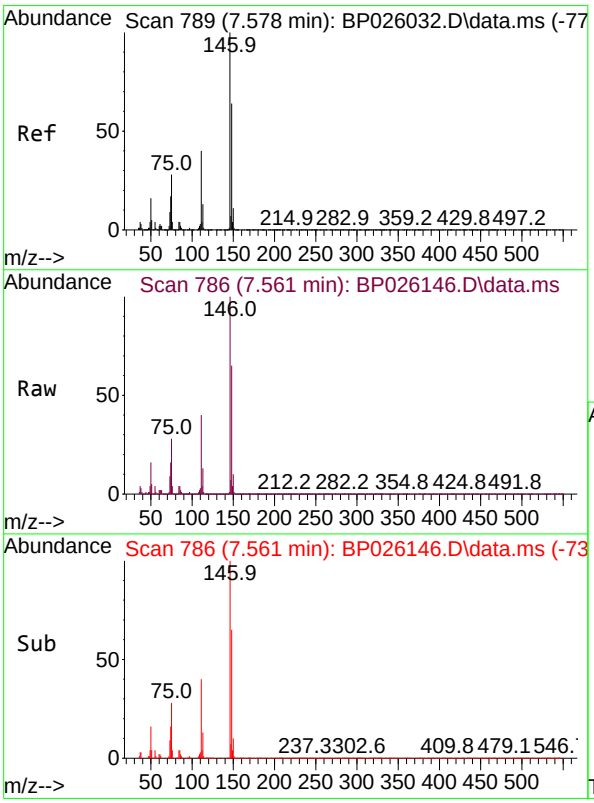
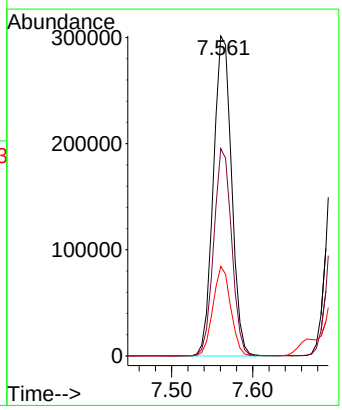
Supervised By :Sohil Jodhani 11/19/2025

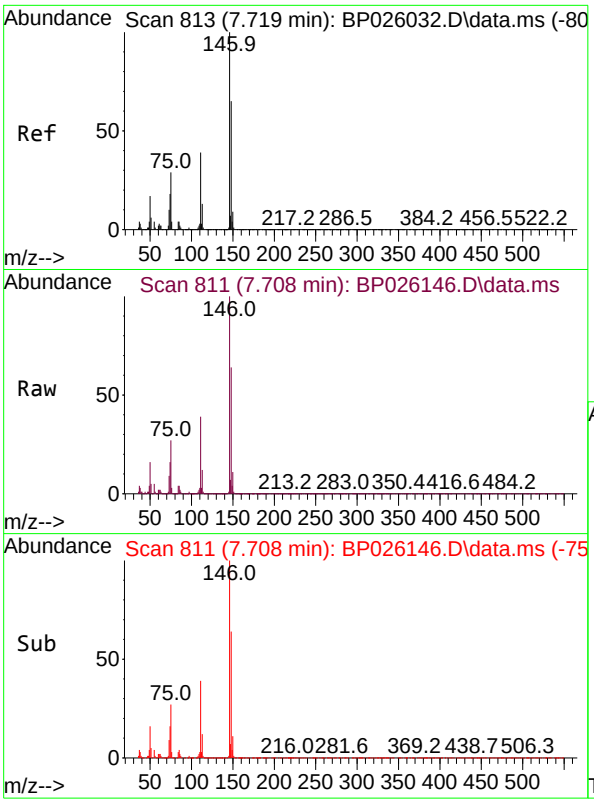



#12
1,3-Dichlorobenzene
Concen: 20.475 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 468385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 28.0 | 22.2 | 33.2 |

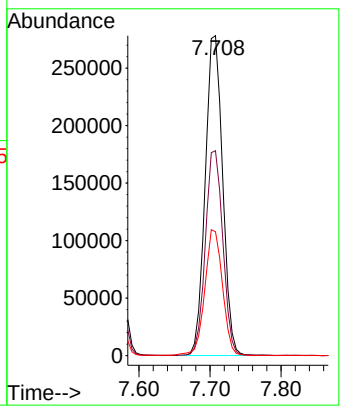





#13
1,4-Dichlorobenzene
Concen: 20.465 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 47391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.4 | 77.2 |
| 111 | 38.7 | 31.7 | 47.5 |




**Instrument :**
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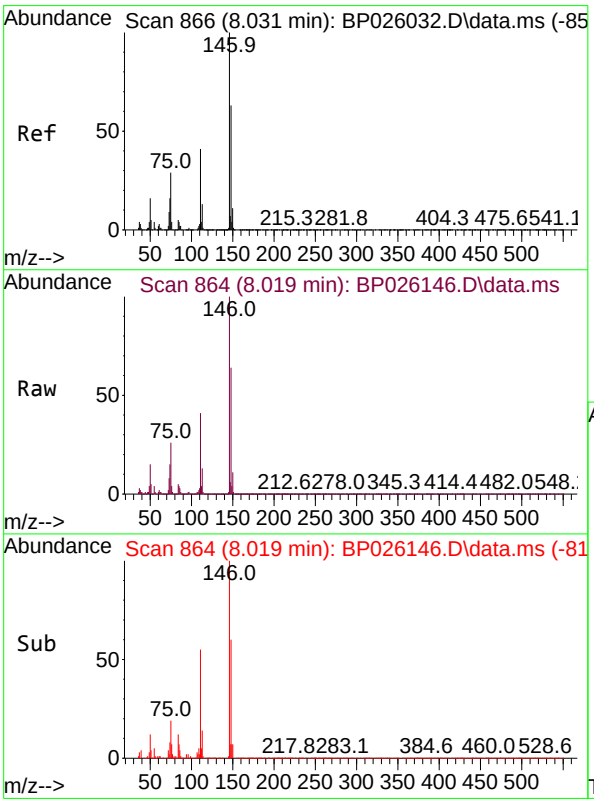
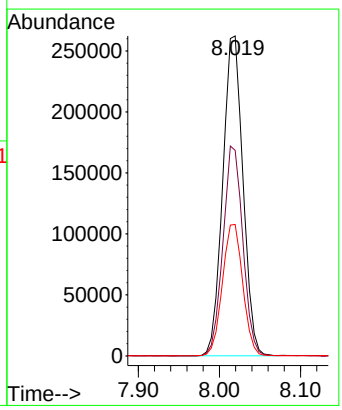
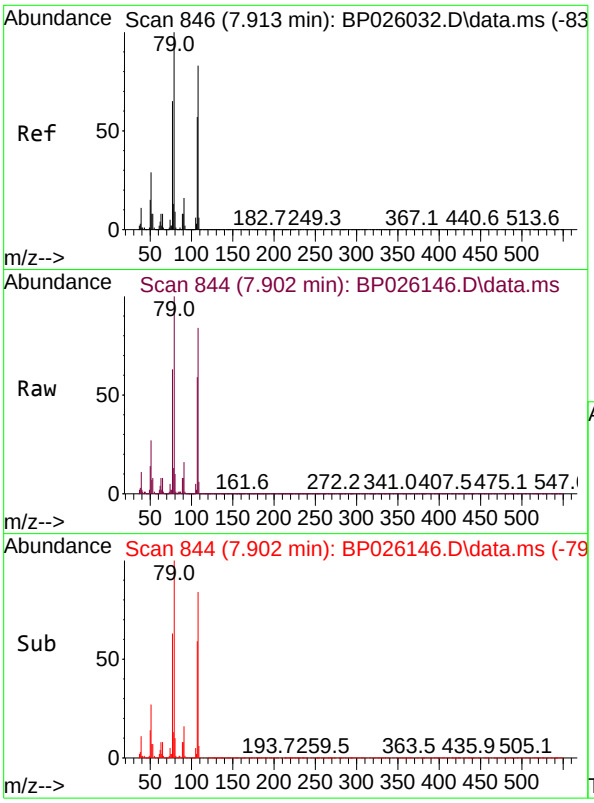



#14
1,2-Dichlorobenzene
Concen: 20.519 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 453824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.0 | 76.6 |
| 111 | 41.1 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 21.241 ng
RT: 7.902 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 79 Resp: 352314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.6 | 66.2 | 99.4 |
| 77 | 63.1 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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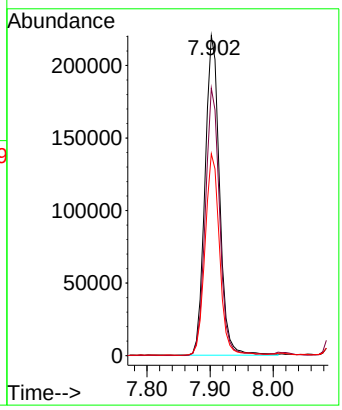
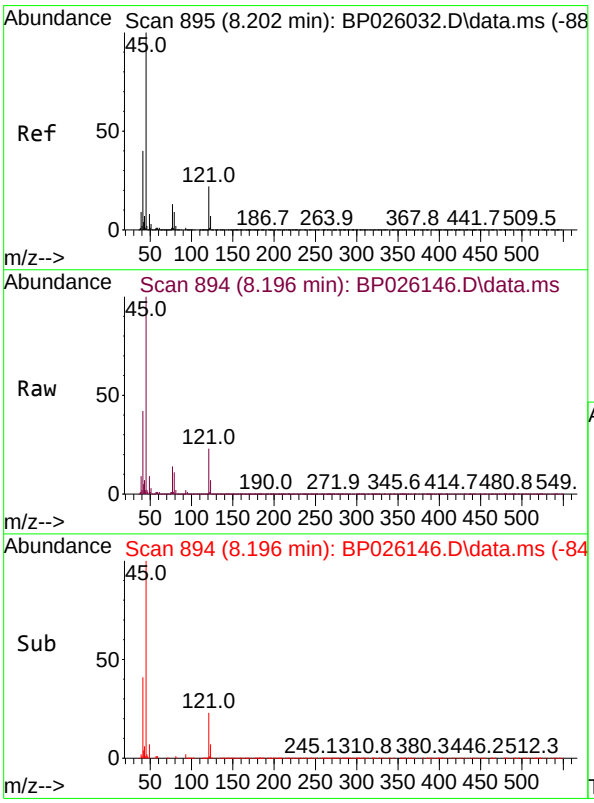
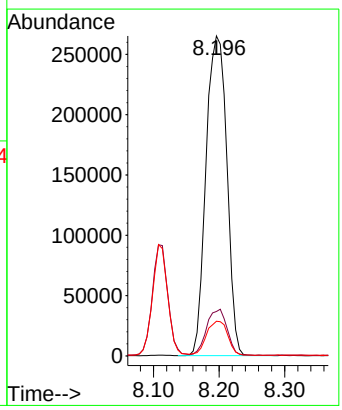


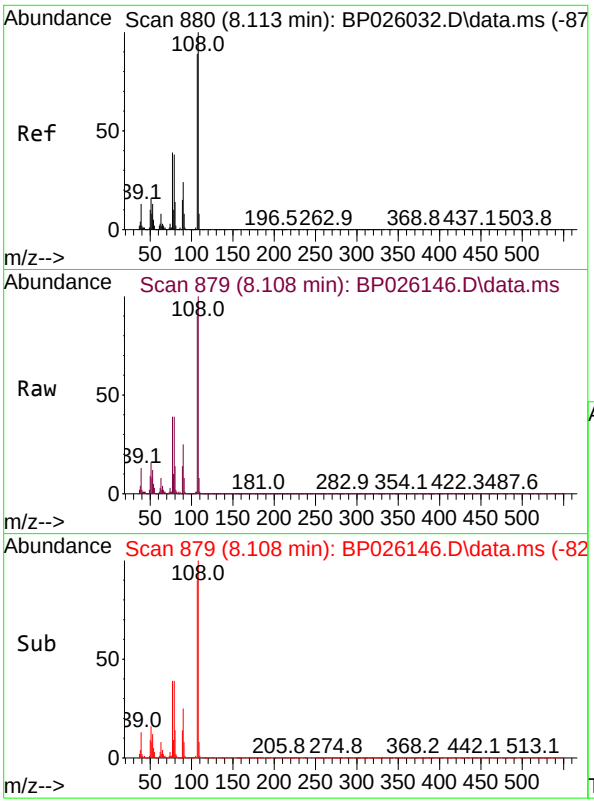




#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.455 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 45 Resp: 585097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.9 | 0.0 | 33.9 |
| 79 | 10.8 | 0.0 | 30.4 |

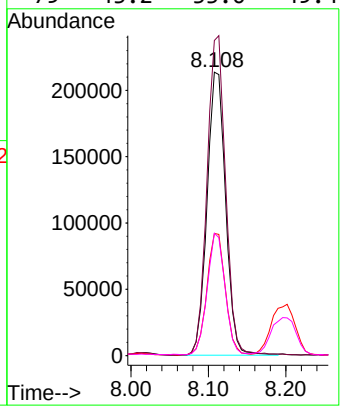





#17
2-Methylphenol
Concen: 21.308 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 35532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.2 | 89.7 | 134.5 |
| 77 | 43.1 | 33.9 | 50.9 |
| 79 | 43.2 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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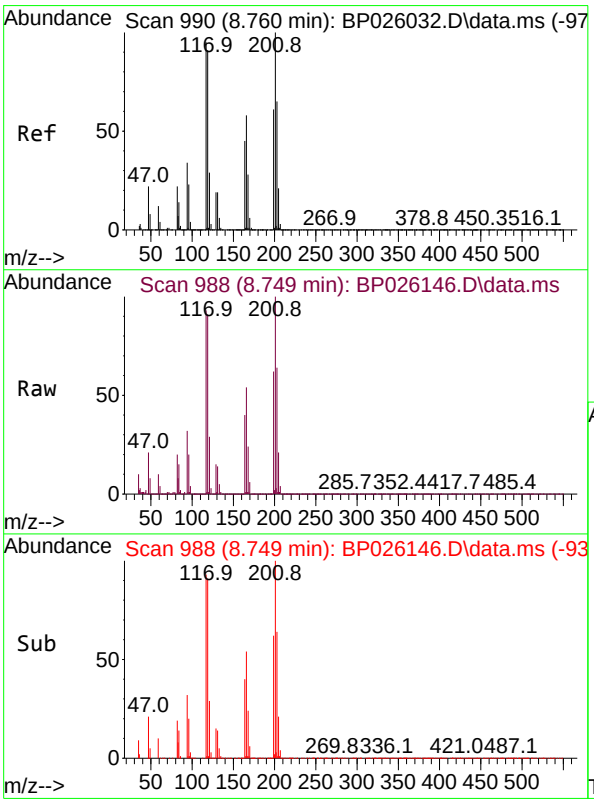
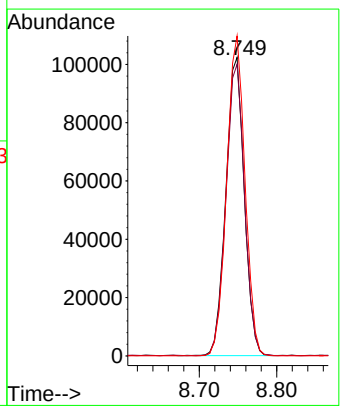
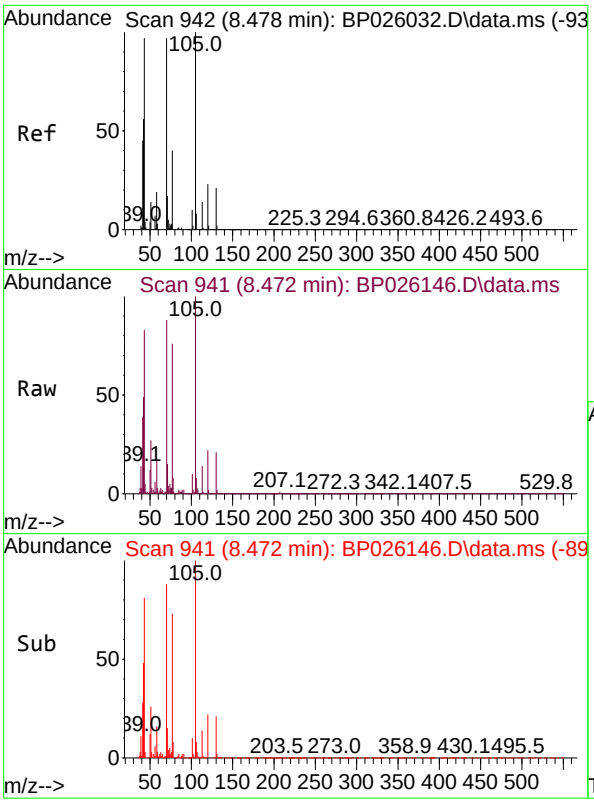



#18
Hexachloroethane
Concen: 21.211 ng
RT: 8.749 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:117 Resp: 169683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.7 | 78.7 | 118.1 |
| 201 | 107.2 | 85.1 | 127.7 |

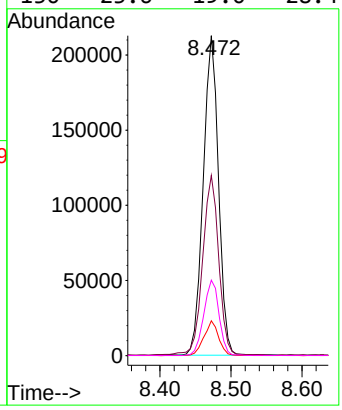





#19
n-Nitroso-di-n-propylamine
Concen: 22.304 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 70 Resp: 31704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.3 | 44.1 | 66.1 |
| 101 | 10.9 | 8.2 | 12.4 |
| 130 | 23.6 | 19.0 | 28.4 |




**Instrument :**
BNA_P
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SSTDICC020

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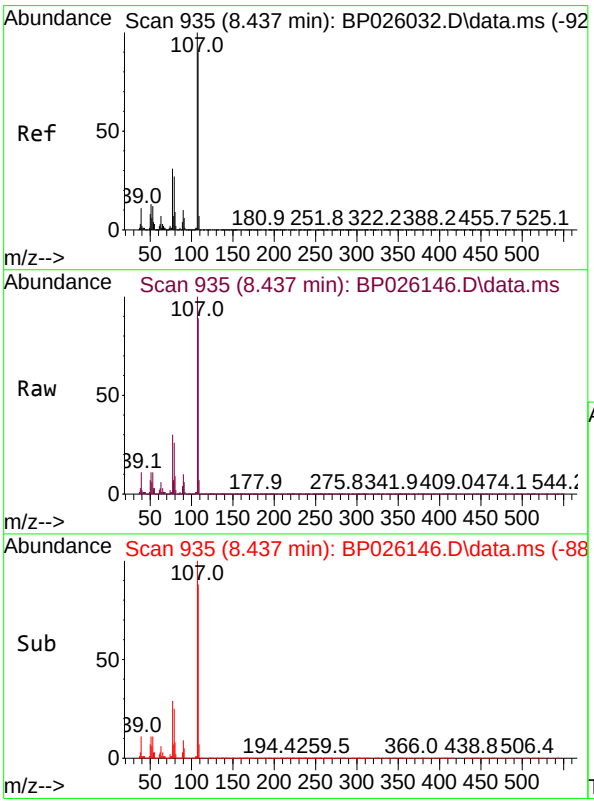
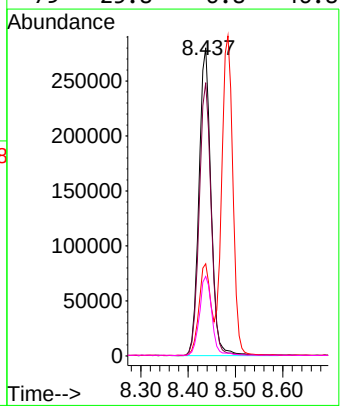
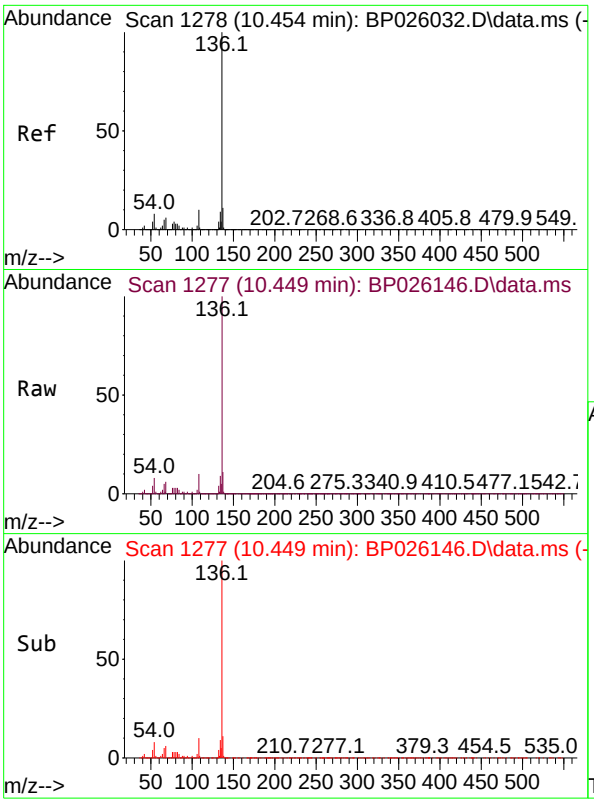



#20
3+4-Methylphenols
Concen: 21.323 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 494113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.7 | 68.9 | 108.9 |
| 77 | 29.9 | 10.4 | 50.4 |
| 79 | 25.8 | 6.8 | 46.8 |

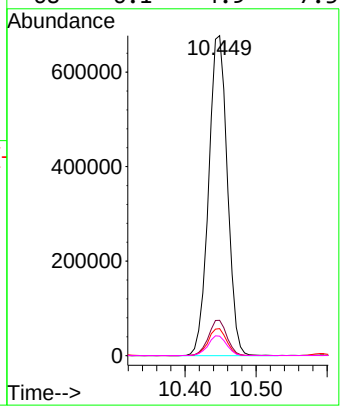





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:136 Resp: 124000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.4 | 6.4 | 9.6 |
| 68 | 6.1 | 4.9 | 7.3 |




**Instrument :**
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SSTDICC020

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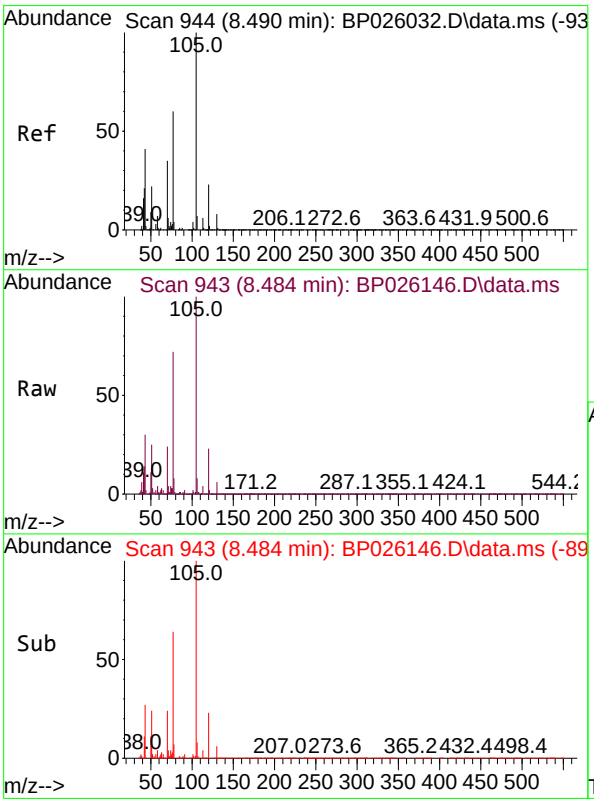
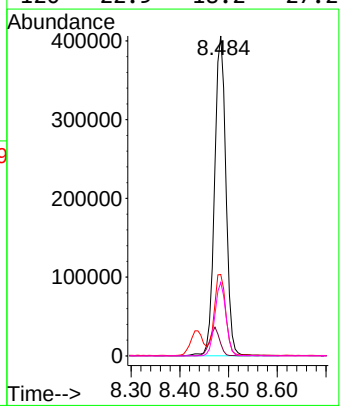
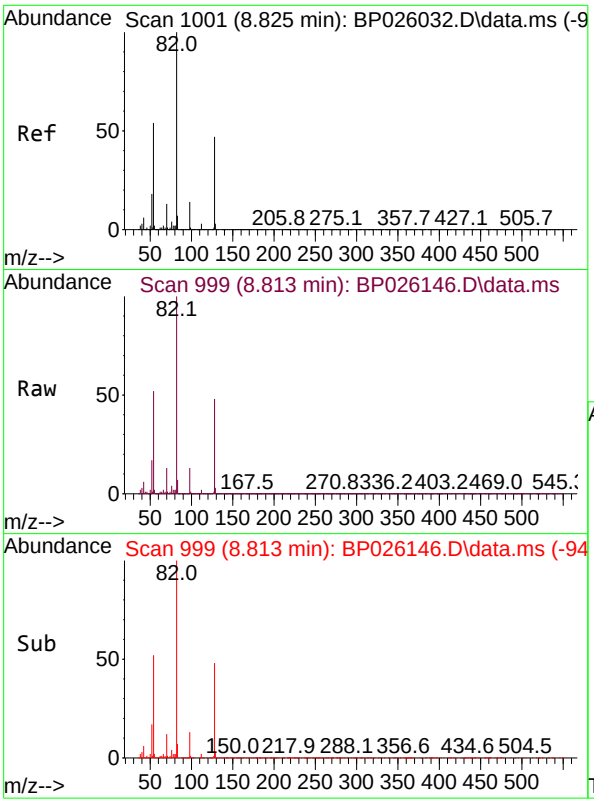



#22
Acetophenone
Concen: 21.014 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:105 Resp: 656986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.8 | 3.0 | 4.4 |
| 51 | 25.4 | 20.5 | 30.7 |
| 120 | 22.9 | 18.2 | 27.2 |

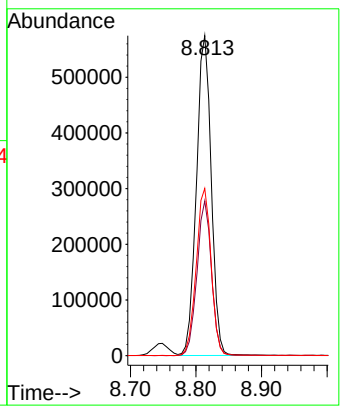





#23
Nitrobenzene-d5
Concen: 44.814 ng
RT: 8.813 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 82 Resp: 898109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.3 | 37.4 | 56.0 |
| 54 | 52.2 | 41.6 | 62.4 |




**Instrument :**
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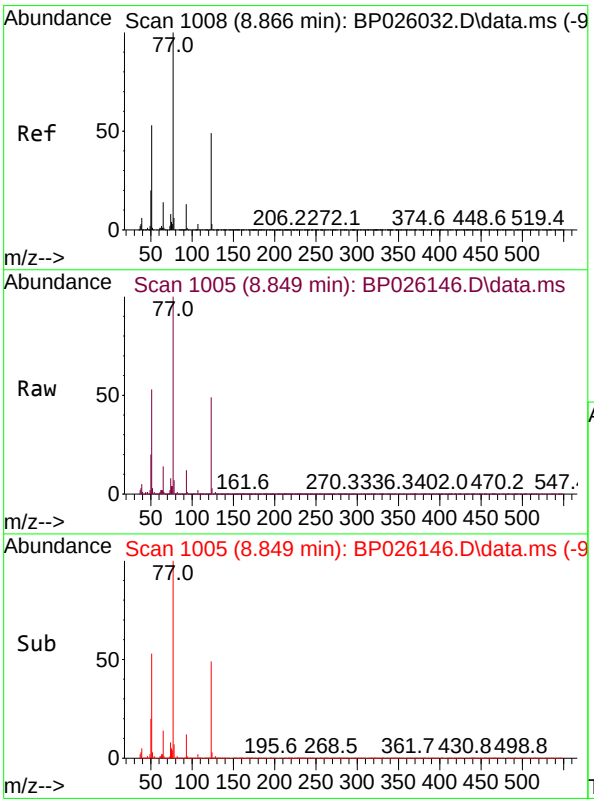
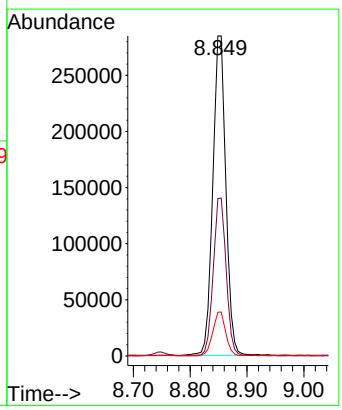
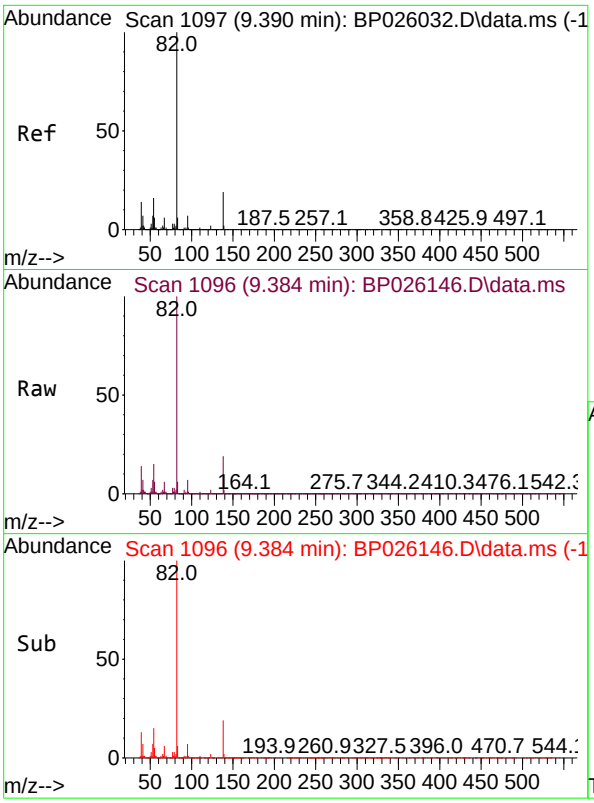



#24
Nitrobenzene
Concen: 21.768 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 456901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.2 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |

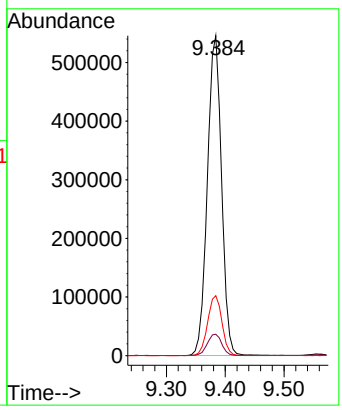





#25
Isophorone
Concen: 21.502 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 82 Resp: 91211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.4 | 8.0 |
| 138 | 18.7 | 15.4 | 23.0 |




**Instrument :**
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SSTDICC020

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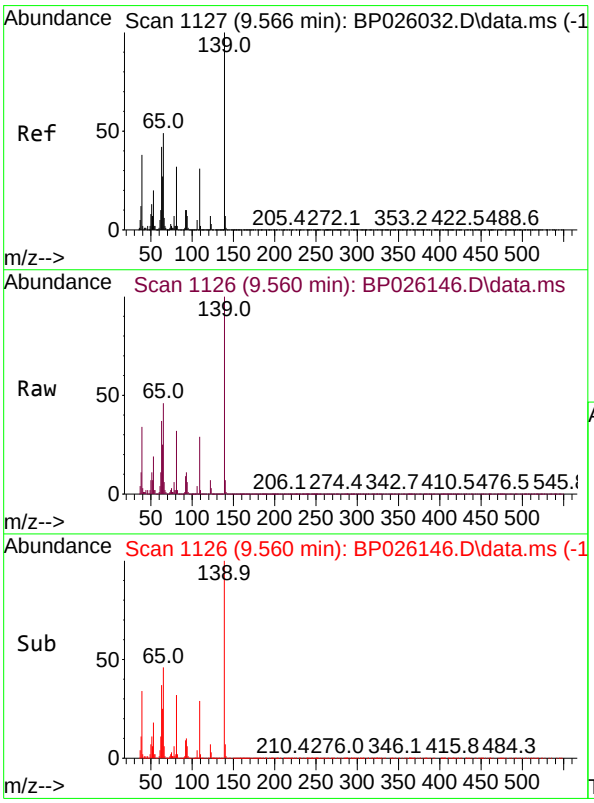
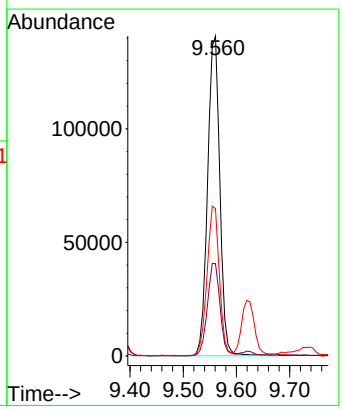
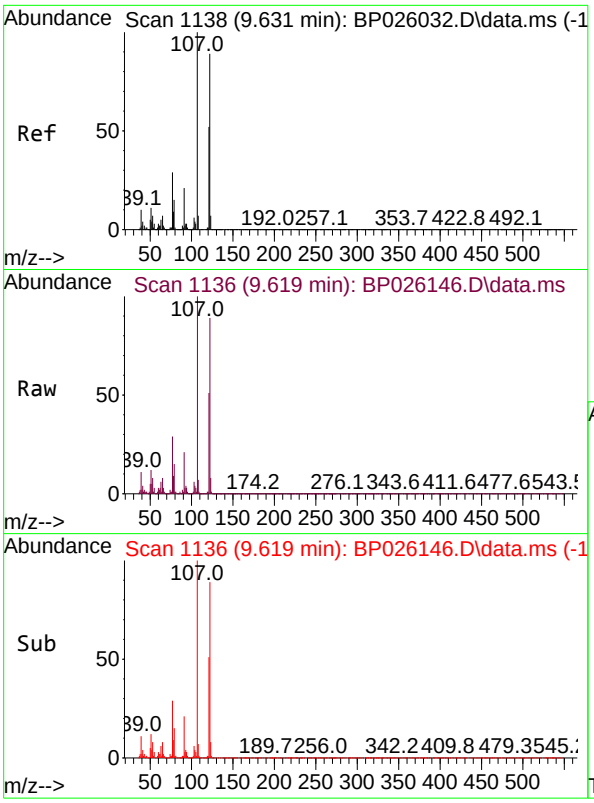



#26
2-Nitrophenol
Concen: 31.463 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:139 Resp: 225396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.8 | 22.3 | 33.5 |
| 65 | 46.0 | 37.2 | 55.8 |

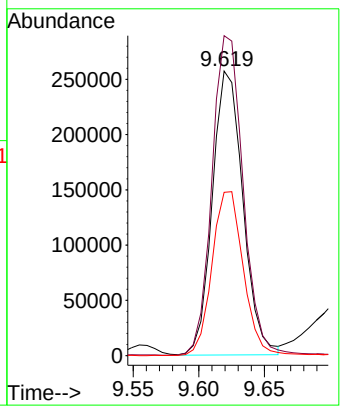





#27
2,4-Dimethylphenol
Concen: 23.115 ng
RT: 9.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 41847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.4 | 91.0 | 136.6 |
| 121 | 57.4 | 47.0 | 70.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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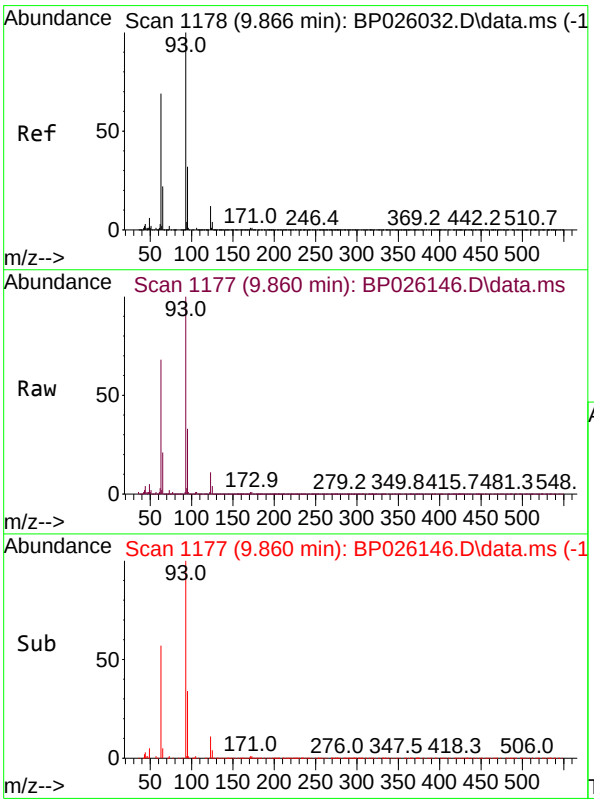
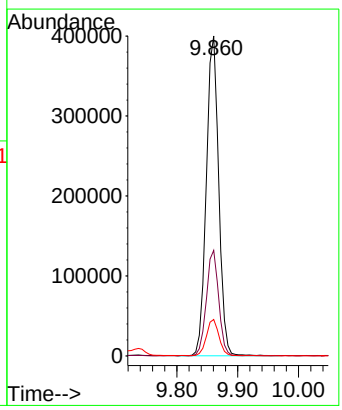
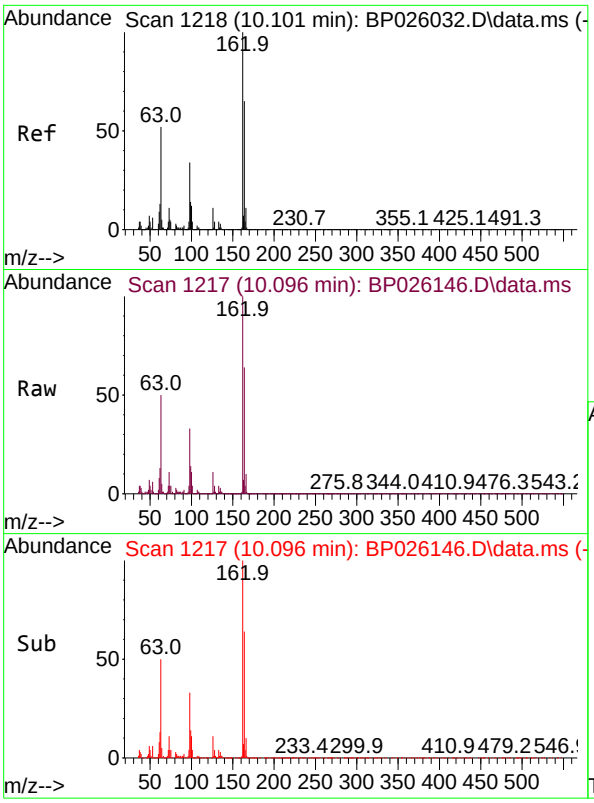



#28
bis(2-Chloroethoxy)methane
Concen: 21.042 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 563383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 26.4 | 39.6 |
| 123 | 11.4 | 9.4 | 14.0 |

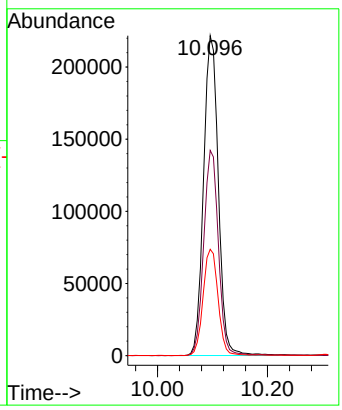





#29
2,4-Dichlorophenol
Concen: 21.974 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:162 Resp: 41515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 43.8 | 83.8 |
| 98 | 33.2 | 14.1 | 54.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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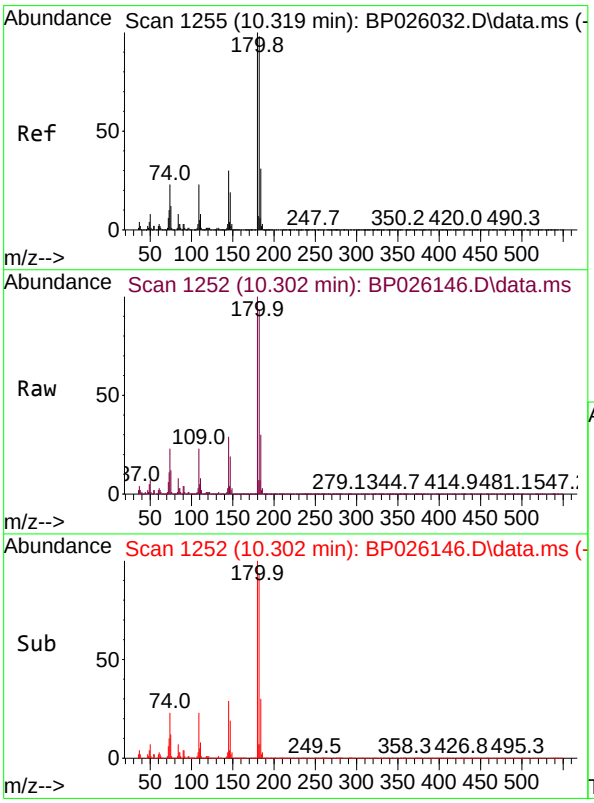
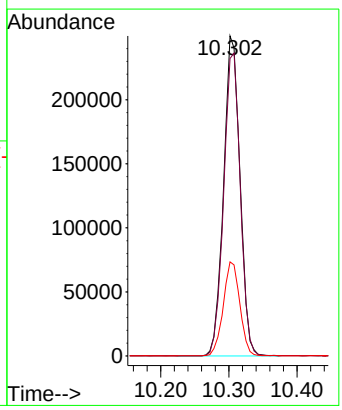
Supervised By :Sohil Jodhani 11/19/2025

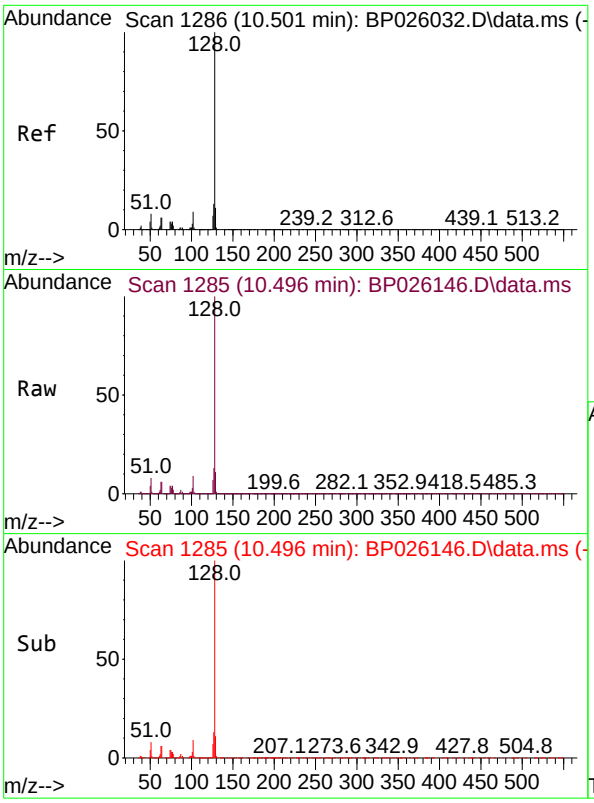



#30
1,2,4-Trichlorobenzene
Concen: 20.380 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:180 Resp: 417562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.9 | 78.1 | 117.1 |
| 145 | 29.4 | 24.2 | 36.4 |

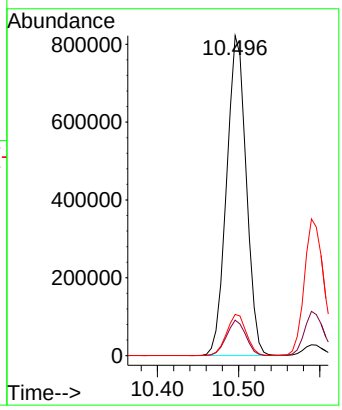





#31
Naphthalene
Concen: 20.547 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:128 Resp: 138312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.6 |
| 127 | 12.9 | 10.2 | 15.4 |




**Instrument :**
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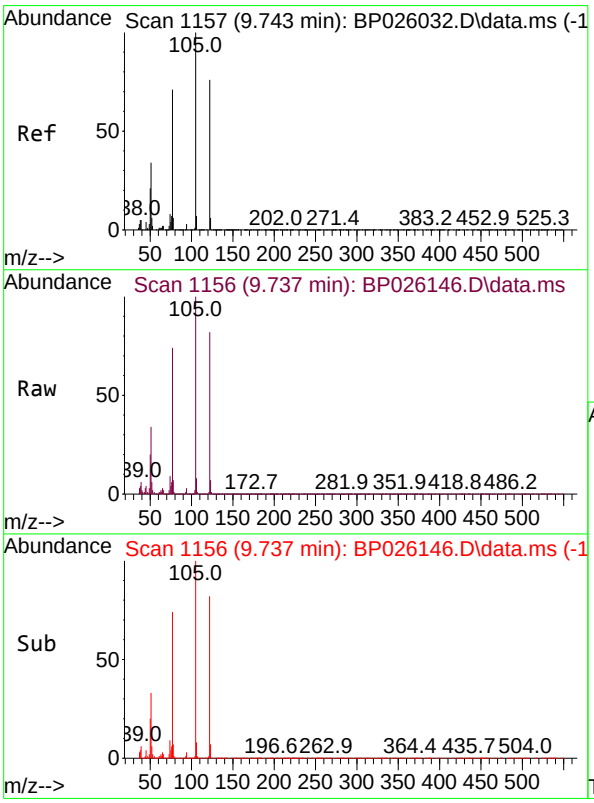
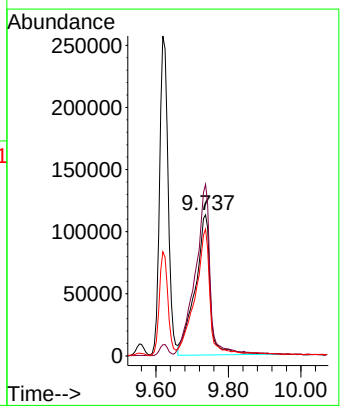
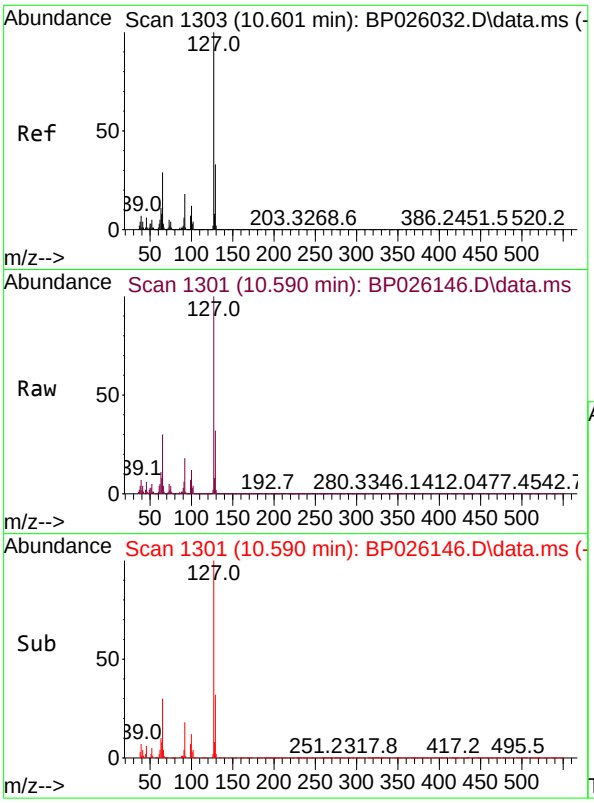



#32
Benzoic acid
Concen: 30.418 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 332008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.7 | 100.1 | 140.1 |
| 77 | 90.0 | 66.7 | 106.7 |

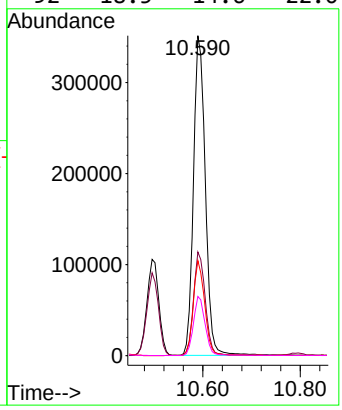





#33
4-Chloroaniline
Concen: 22.720 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:127 Resp: 59421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.8 | 38.8 |
| 65 | 29.7 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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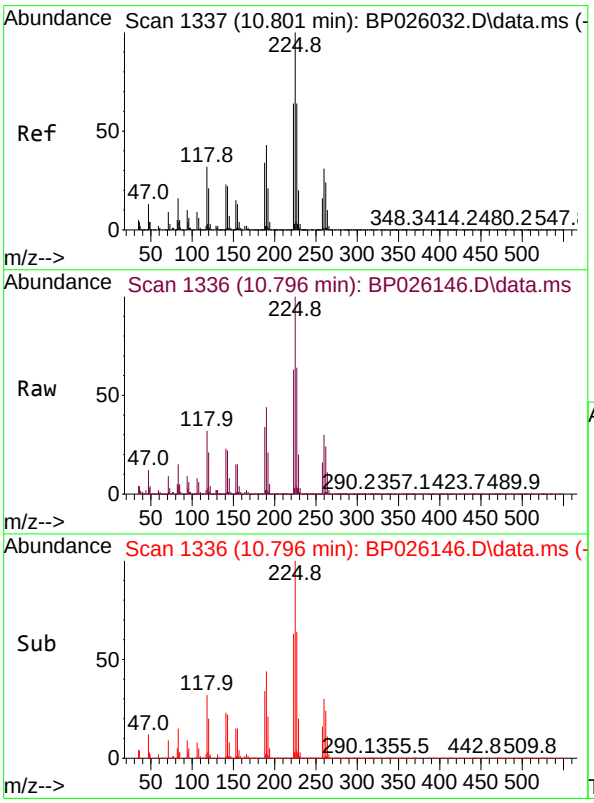
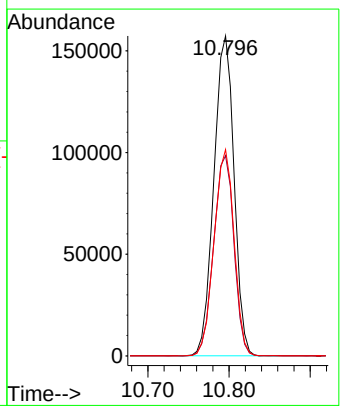
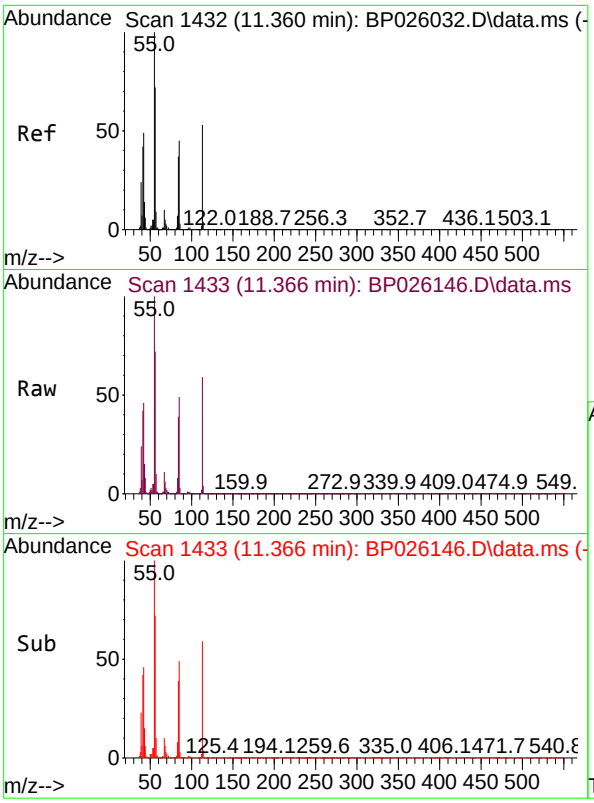



#34
Hexachlorobutadiene
Concen: 20.697 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:225 Resp: 271388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 49.6 | 74.4 |
| 227 | 64.5 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 23.091 ng
RT: 11.366 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:113 Resp: 15249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 170.5 | 153.0 | 193.0 |
| 56 | 122.5 | 106.4 | 146.4 |

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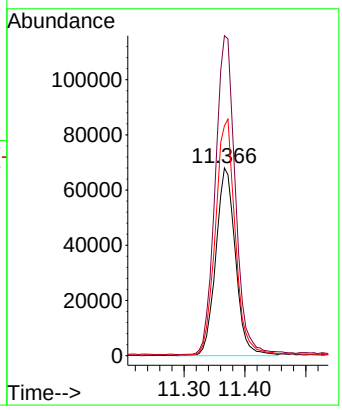
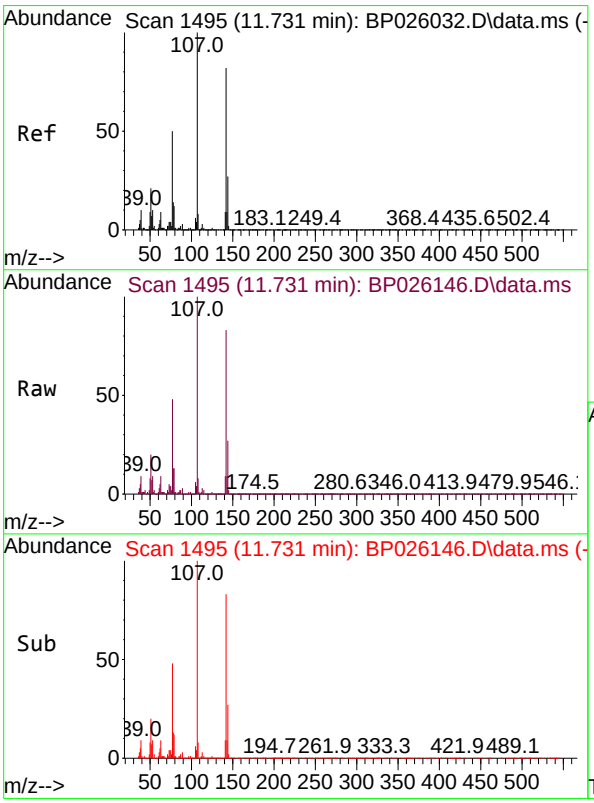
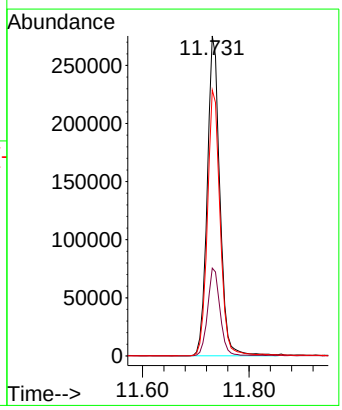


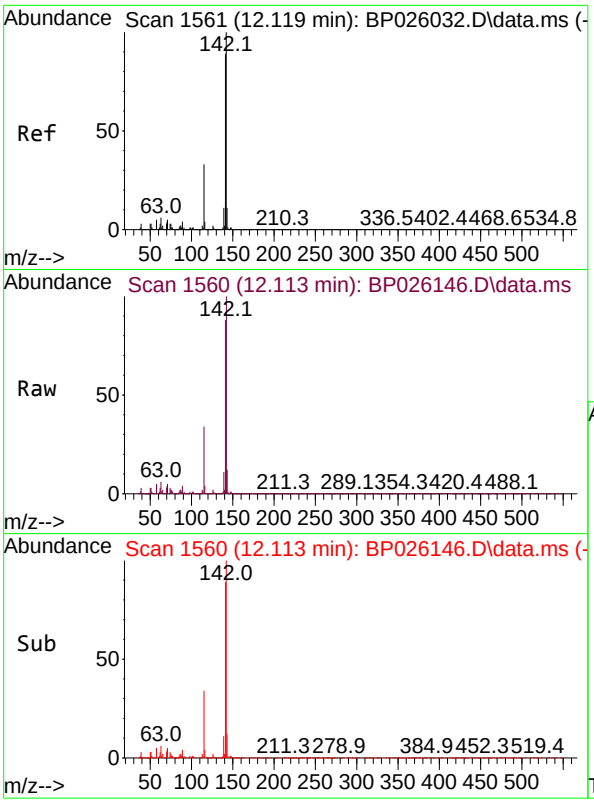




#36
4-Chloro-3-methylphenol
Concen: 22.951 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 453497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.4 | 21.6 | 32.4 |
| 142 | 83.1 | 65.6 | 98.4 |

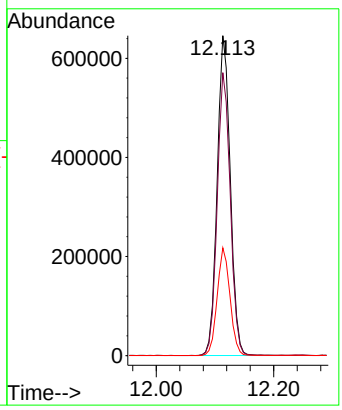





#37
2-Methylnaphthalene
Concen: 21.193 ng
RT: 12.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:142 Resp: 99749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.0 | 106.6 |
| 115 | 33.7 | 26.6 | 39.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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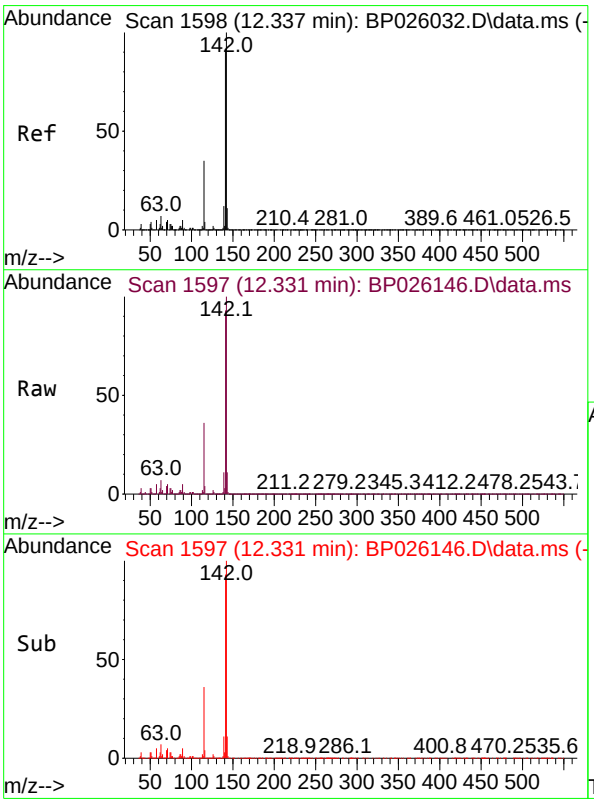
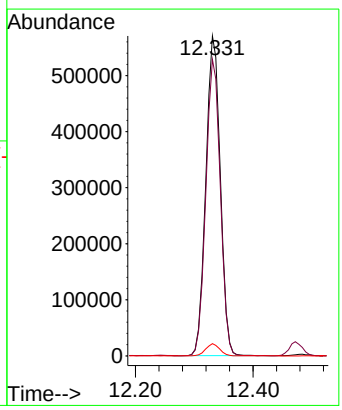
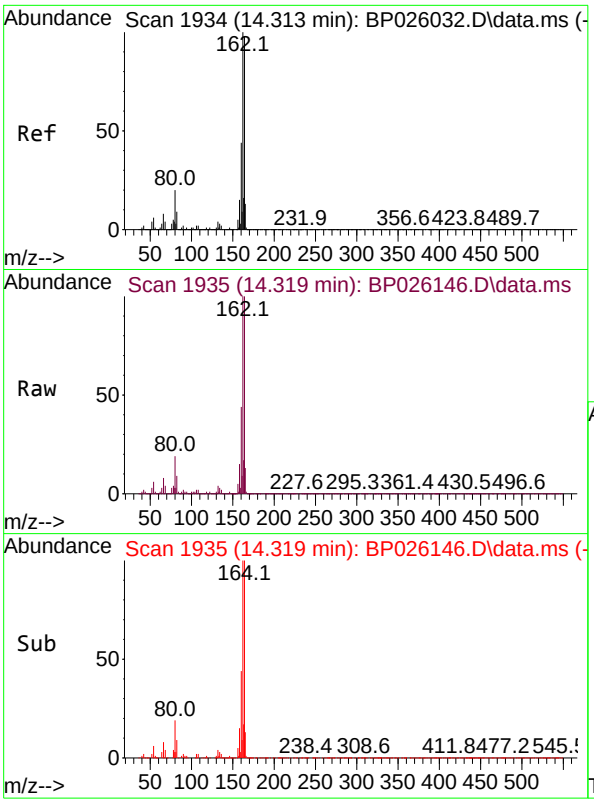



#38
1-Methylnaphthalene
Concen: 21.279 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:142 Resp: 973734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.6 | 73.5 | 110.3 |
| 116 | 3.8 | 3.0 | 4.4 |

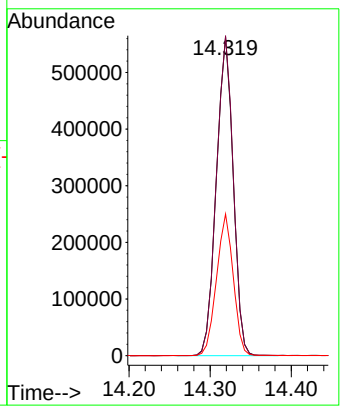





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:164 Resp: 81003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.3 | 120.5 |
| 160 | 44.4 | 35.2 | 52.8 |




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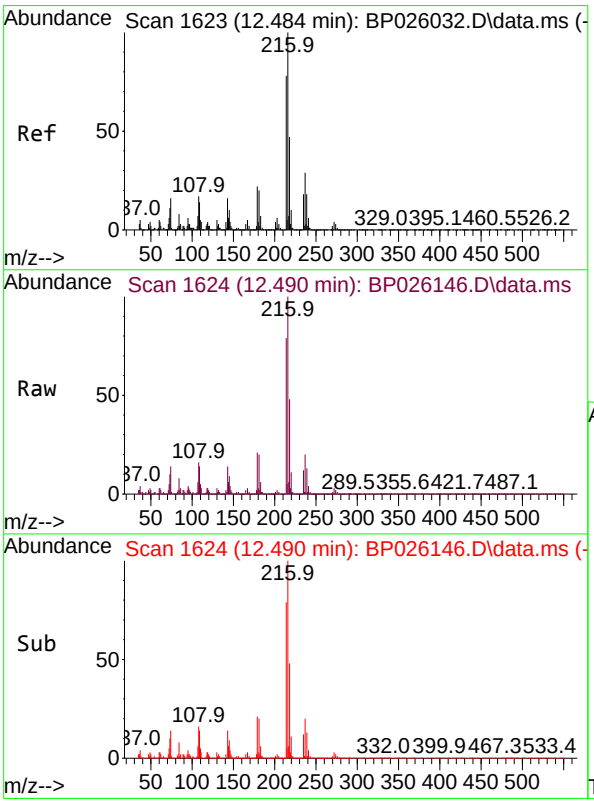
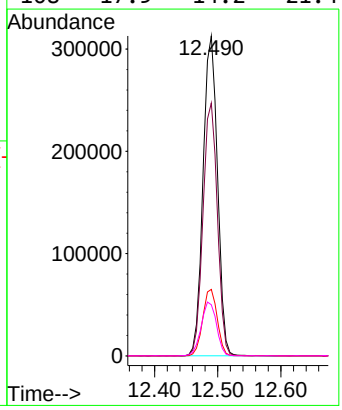
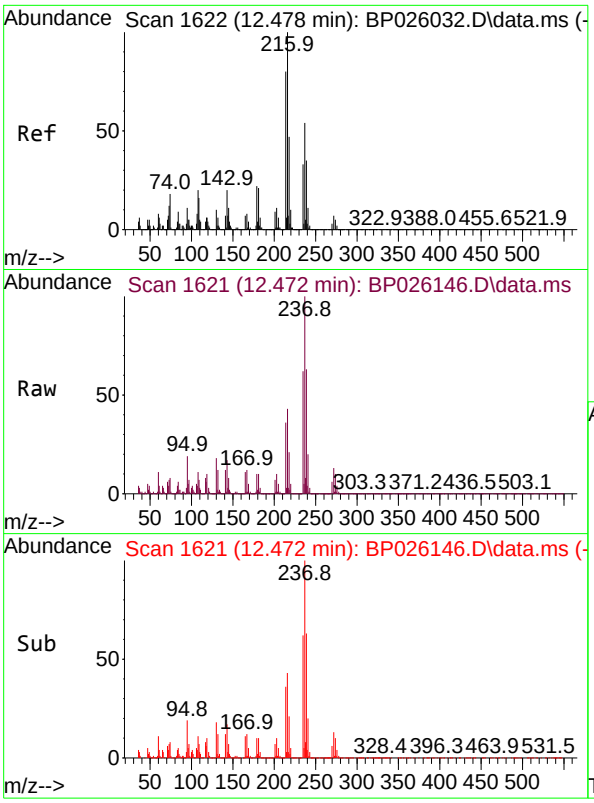



#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.803 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:216 Resp: 496403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 62.6 | 94.0 |
| 179 | 21.0 | 16.6 | 25.0 |
| 108 | 17.9 | 14.2 | 21.4 |

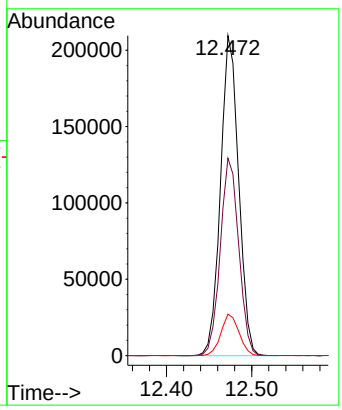





#41
Hexachlorocyclopentadiene
Concen: 29.677 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:237 Resp: 30936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.7 | 43.3 | 83.3 |
| 272 | 13.0 | 0.0 | 32.9 |




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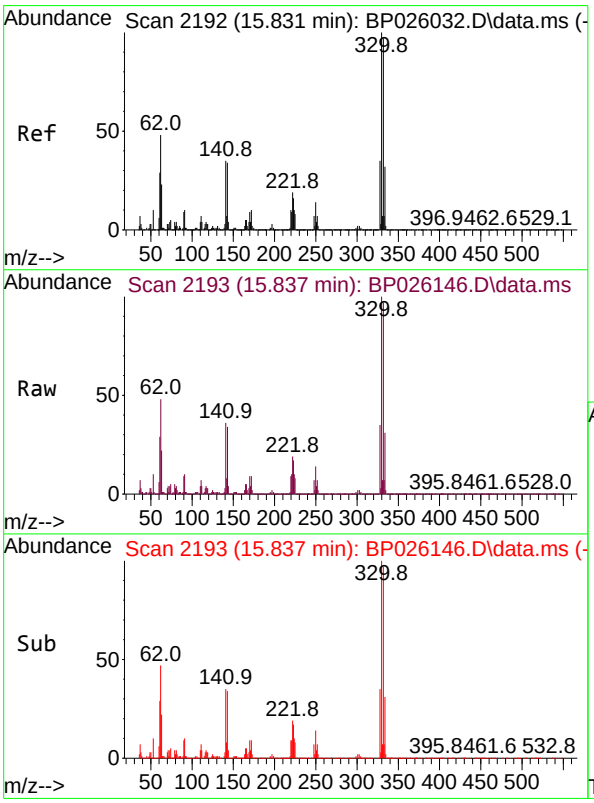
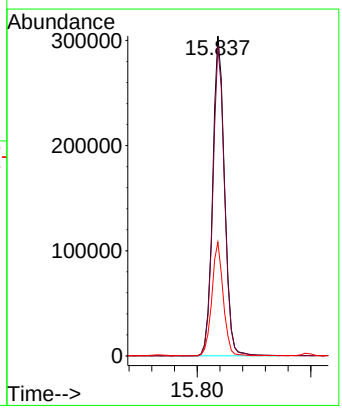
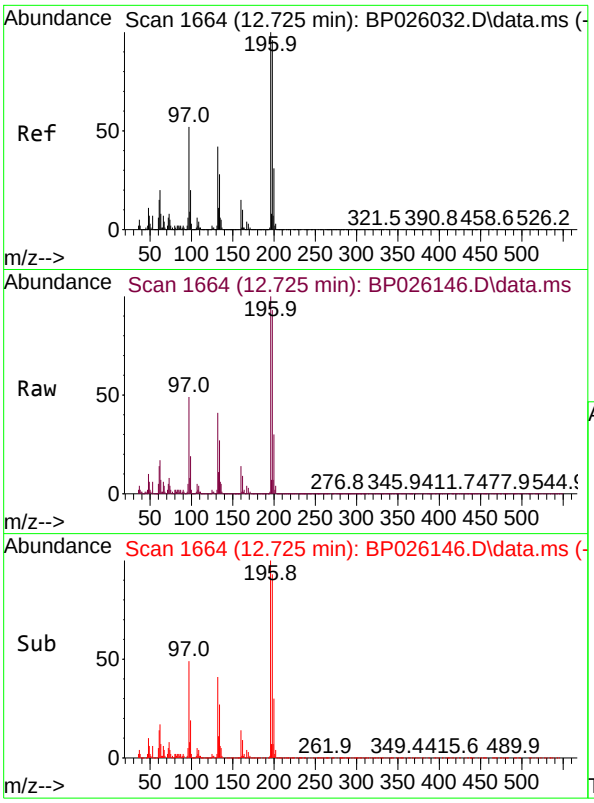



#42
2,4,6-Tribromophenol
Concen: 49.922 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:330 Resp: 442990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 78.0 | 117.0 |
| 141 | 34.0 | 26.8 | 40.2 |

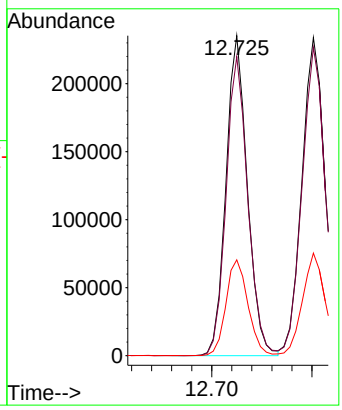





#43
2,4,6-Trichlorophenol
Concen: 23.301 ng
RT: 12.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:196 Resp: 34939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.4 | 76.9 | 115.3 |
| 200 | 30.0 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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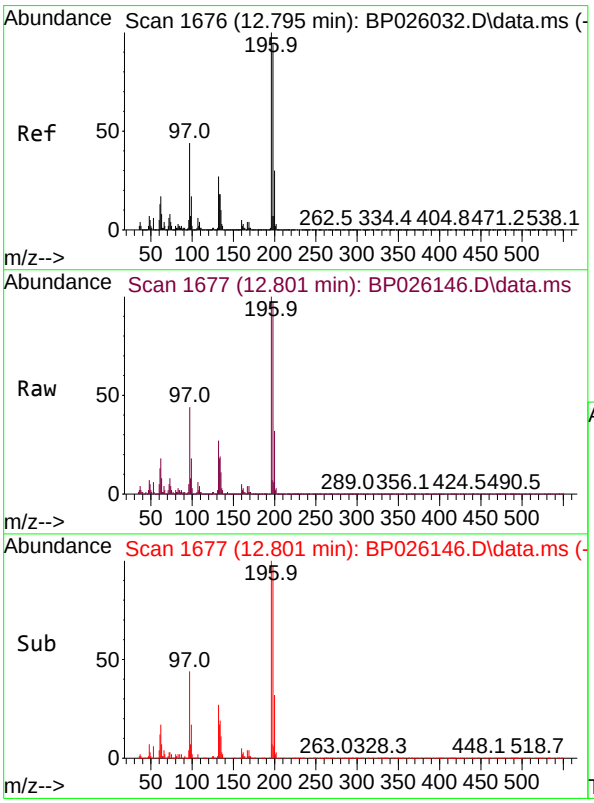
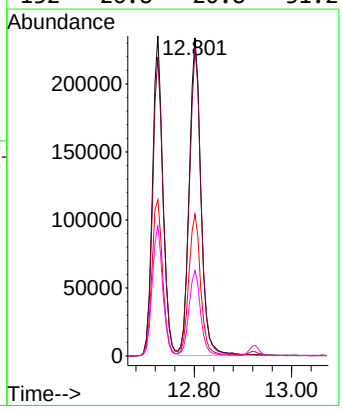
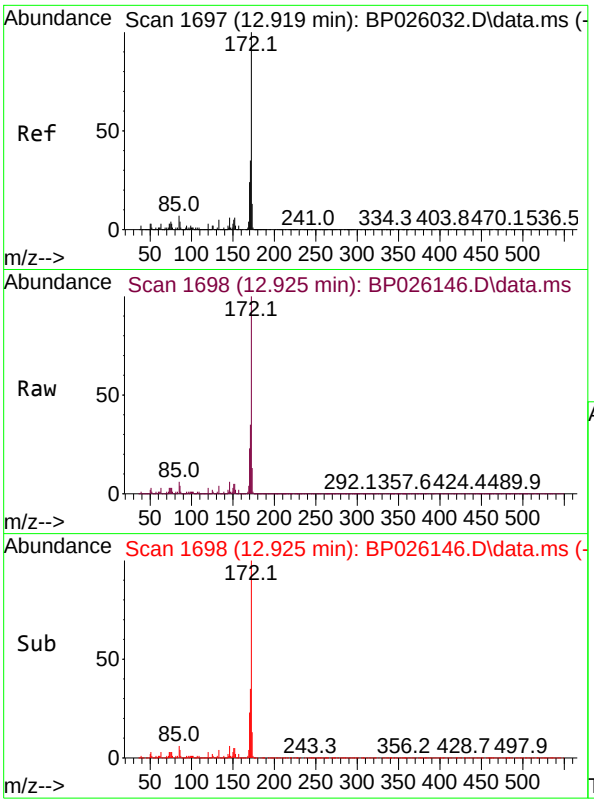



#44
2,4,5-Trichlorophenol
Concen: 22.897 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:196 Resp: 390063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.4 | 114.6 |
| 97 | 44.5 | 35.7 | 53.5 |
| 132 | 26.8 | 20.8 | 31.2 |

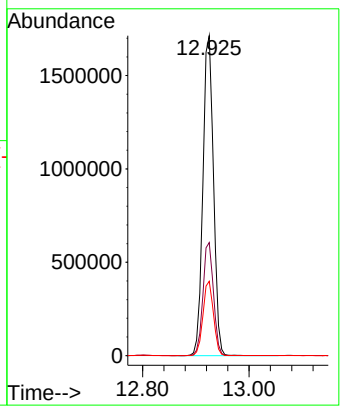





#45
2-Fluorobiphenyl
Concen: 41.935 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:172 Resp: 235427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.2 | 42.4 |
| 170 | 23.2 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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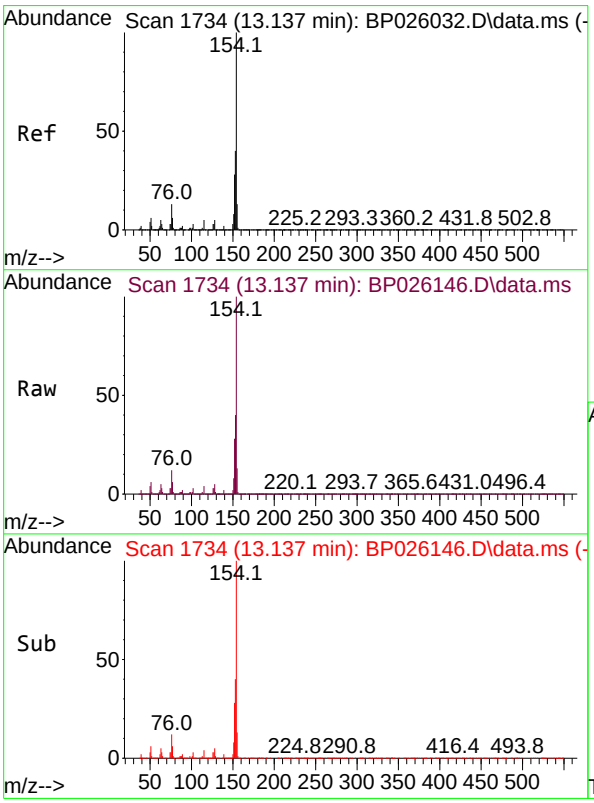
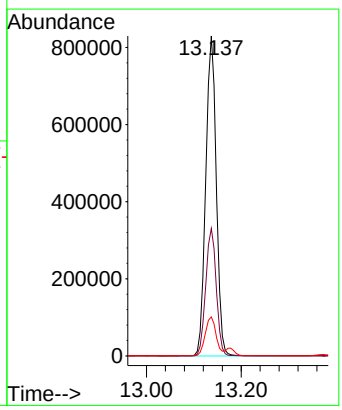
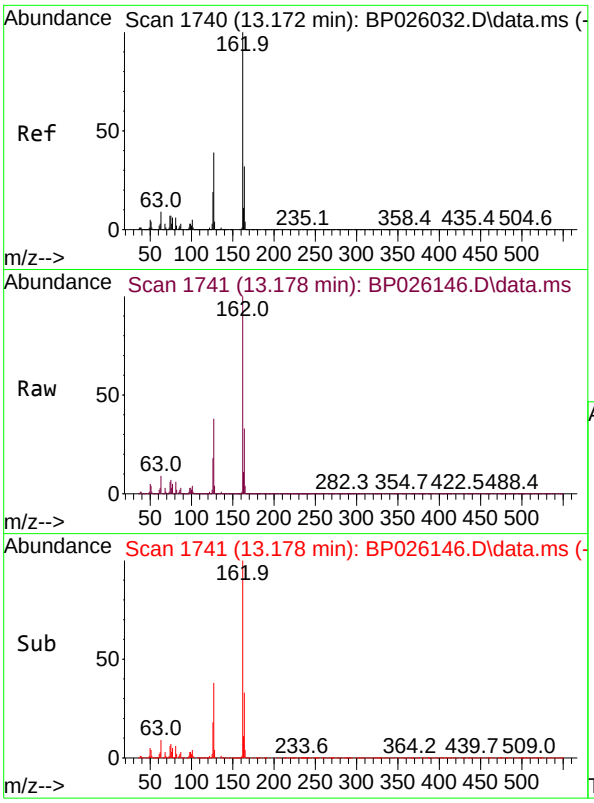



#46
1,1'-Biphenyl
Concen: 20.733 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:154 Resp: 1280167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.8 | 20.3 | 60.3 |
| 76 | 12.2 | 0.0 | 32.3 |

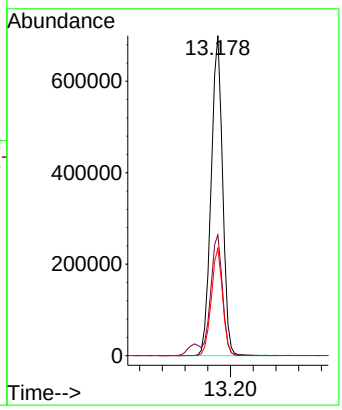





#47
2-Chloronaphthalene
Concen: 20.303 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:162 Resp: 98556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.7 | 30.9 | 46.3 |
| 164 | 33.5 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
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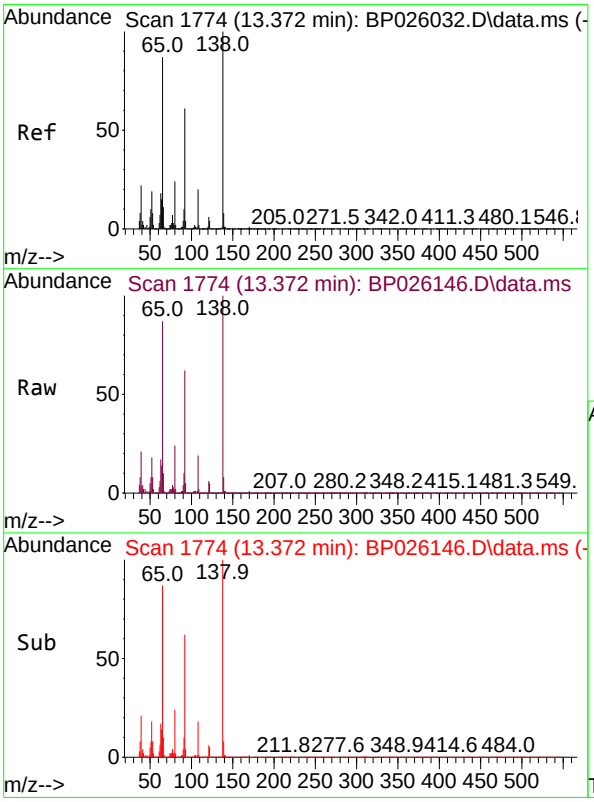
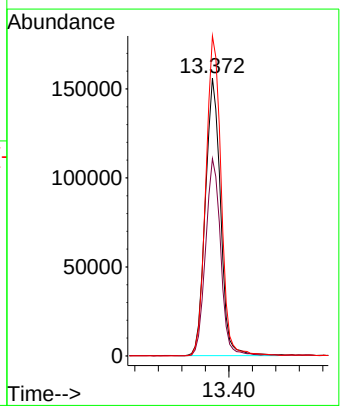
Supervised By :Sohil Jodhani 11/19/2025

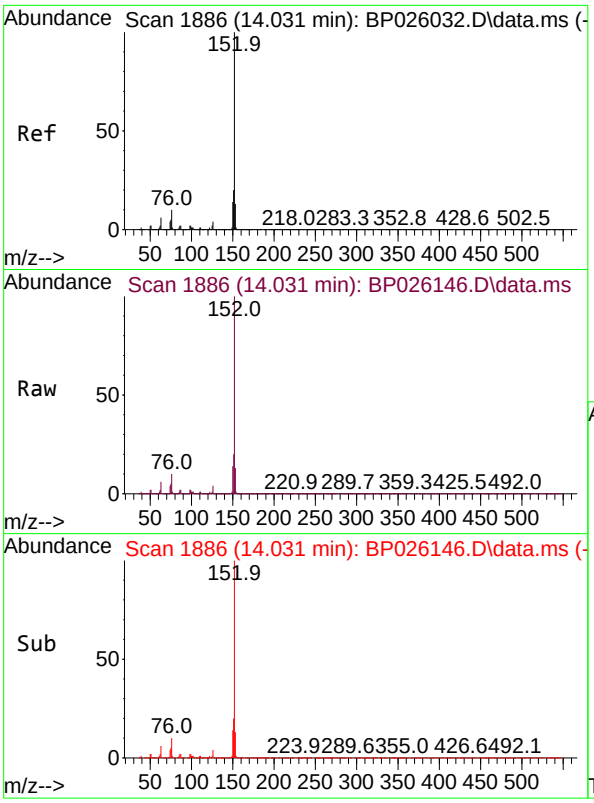



#48
2-Nitroaniline
Concen: 25.032 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 65 Resp: 279508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.0 | 59.1 | 88.7 |
| 138 | 115.2 | 96.6 | 145.0 |

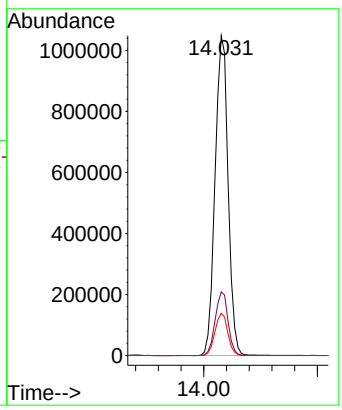





#49
Acenaphthylene
Concen: 23.158 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:152 Resp: 166159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.8 | 23.8 |
| 153 | 13.3 | 10.6 | 16.0 |




**Instrument :**
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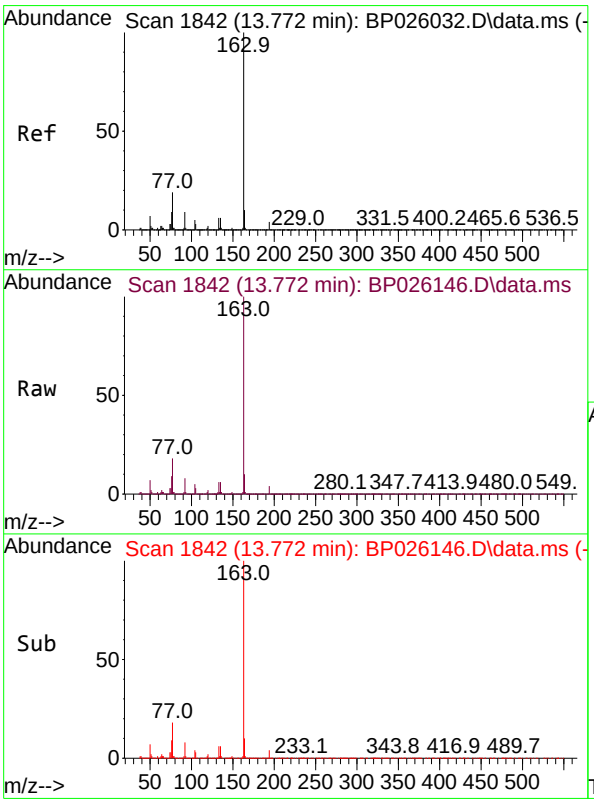
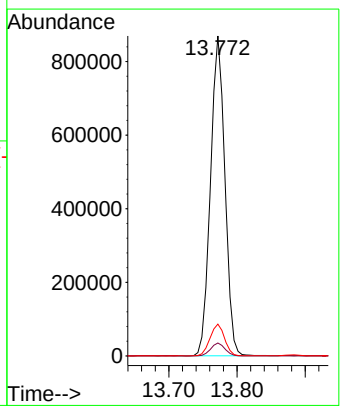
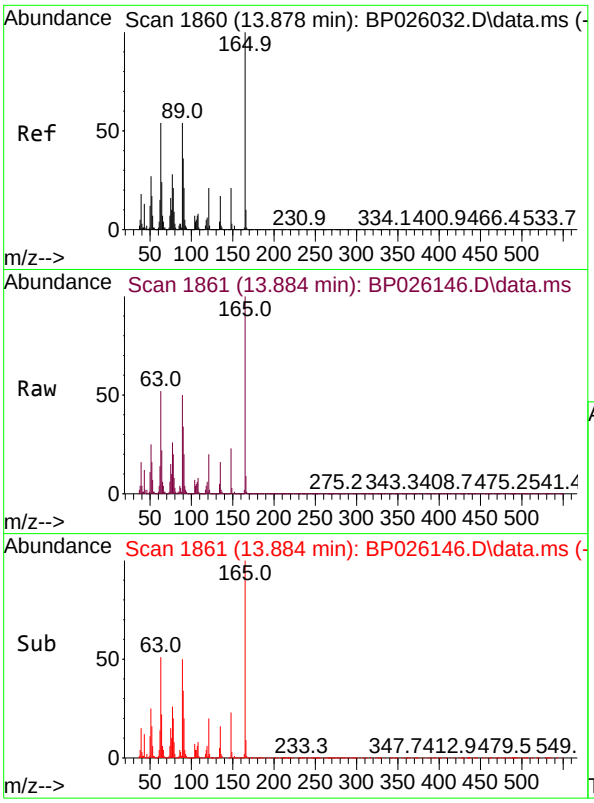



#50
Dimethylphthalate
Concen: 21.720 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:163 Resp: 1274006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 9.9 | 8.2 | 12.2 |

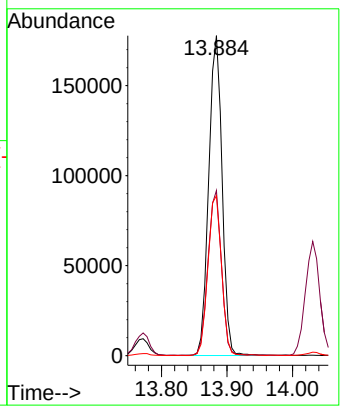





#51
2,6-Dinitrotoluene
Concen: 25.482 ng
RT: 13.884 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:165 Resp: 25127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.6 | 40.5 | 60.7 |
| 89 | 50.0 | 41.3 | 61.9 |




**Instrument :**
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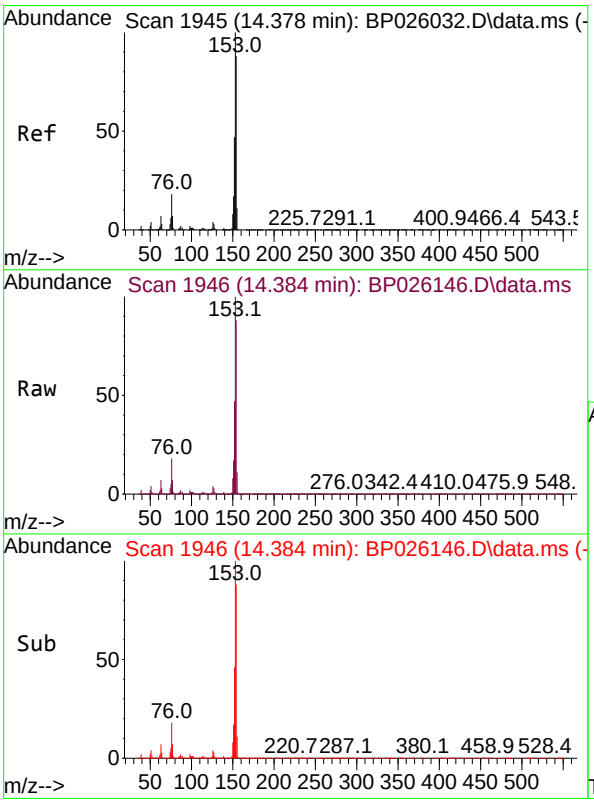
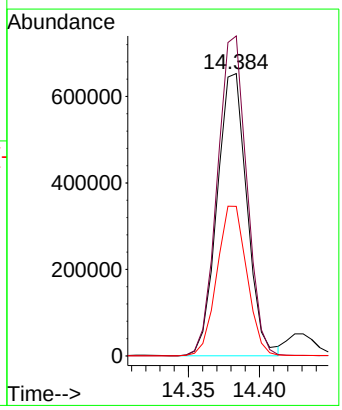
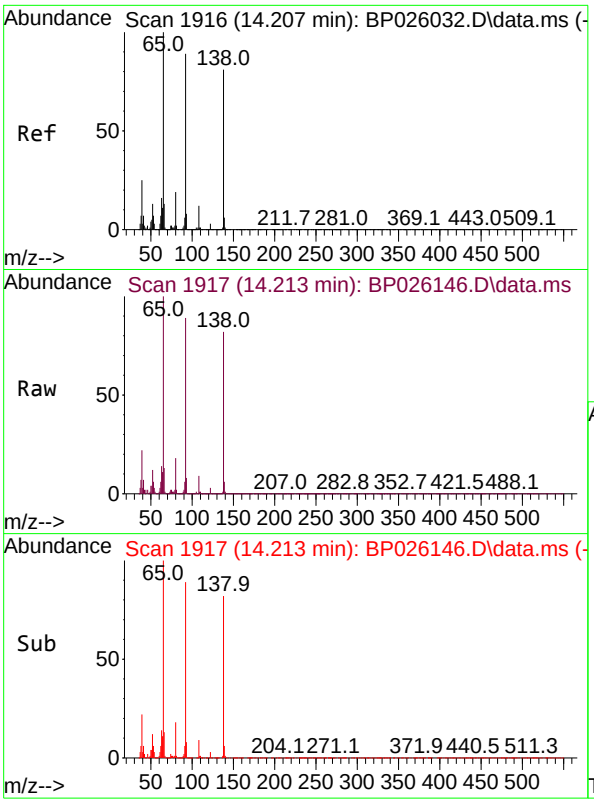



#52
Acenaphthene
Concen: 19.901 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:154 Resp: 955446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.3 | 90.7 | 136.1 |
| 152 | 53.0 | 42.8 | 64.2 |






#53
3-Nitroaniline
Concen: 24.958 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:138 Resp: 29773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.4 | 8.9 | 13.3 |
| 92 | 108.6 | 86.3 | 129.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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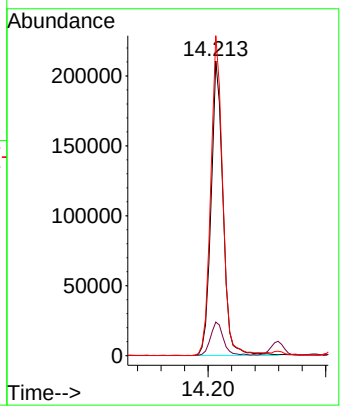
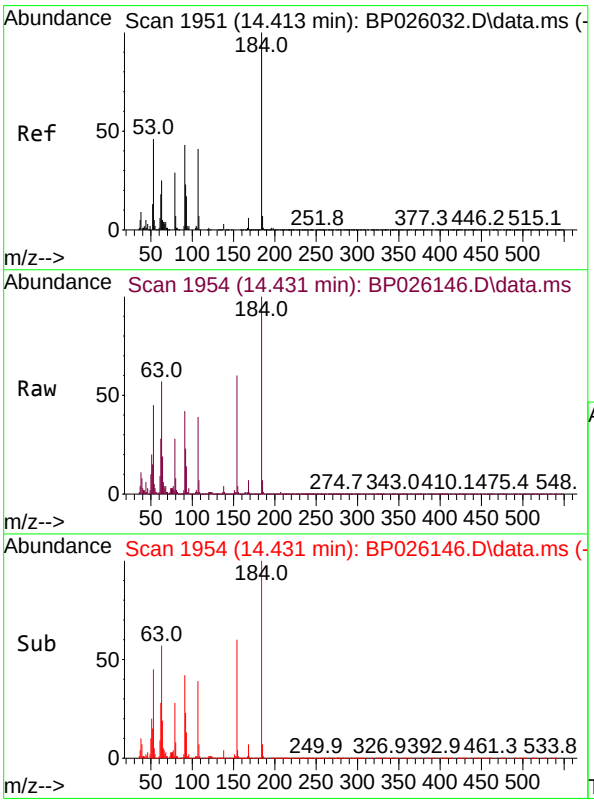
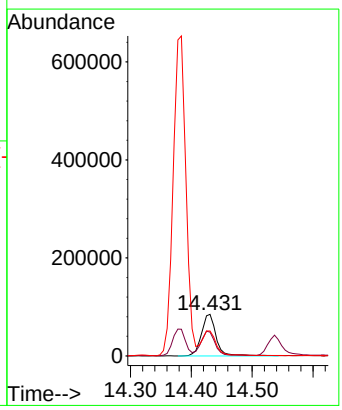


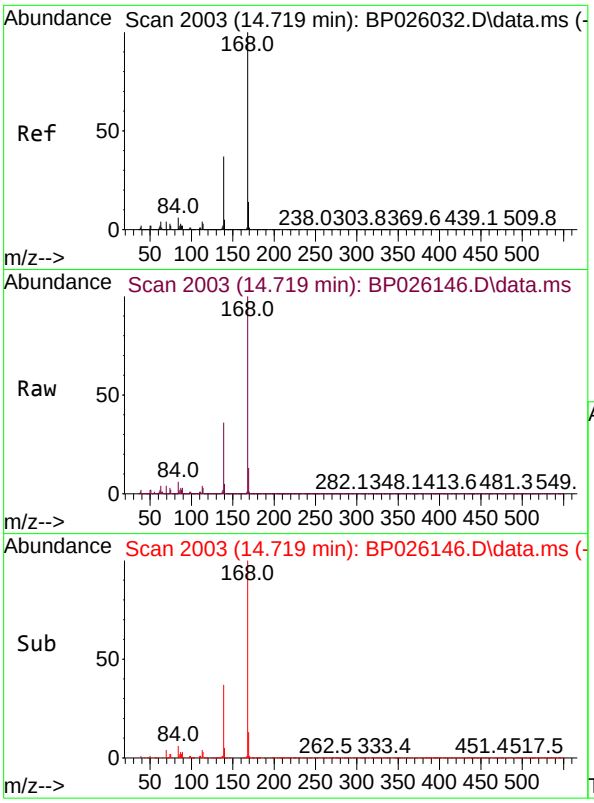




#54
2,4-Dinitrophenol
Concen: 31.181 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 141102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.2 | 43.1 | 64.7 |
| 154 | 59.9 | 49.5 | 74.3 |

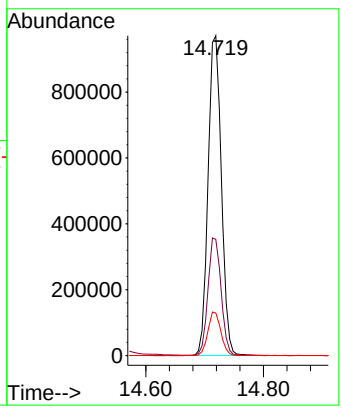





#55
Dibenzofuran
Concen: 20.834 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:168 Resp: 152324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.3 | 29.8 | 44.6 |
| 169 | 13.3 | 10.9 | 16.3 |




**Instrument :**
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**ClientSampleId :**
SSTDICC020

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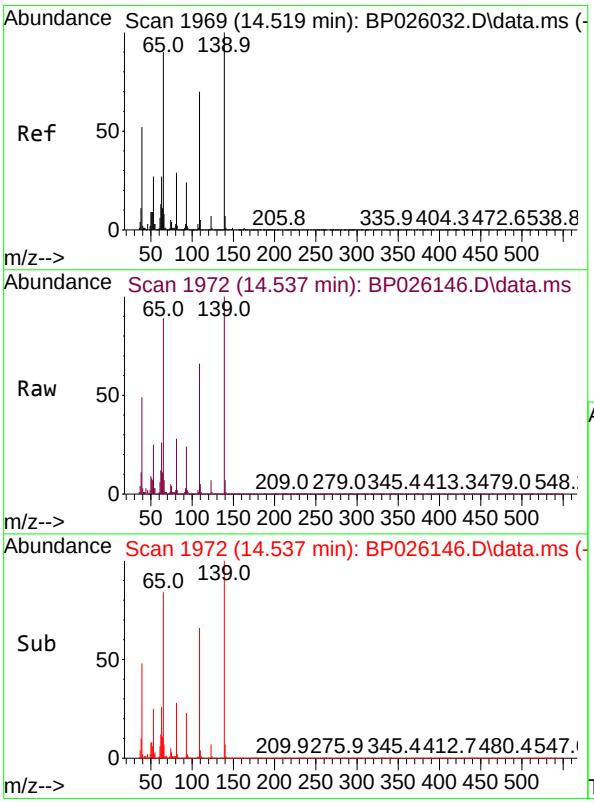
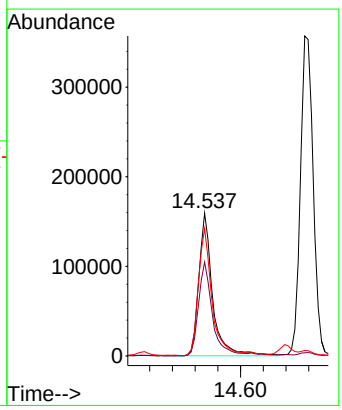
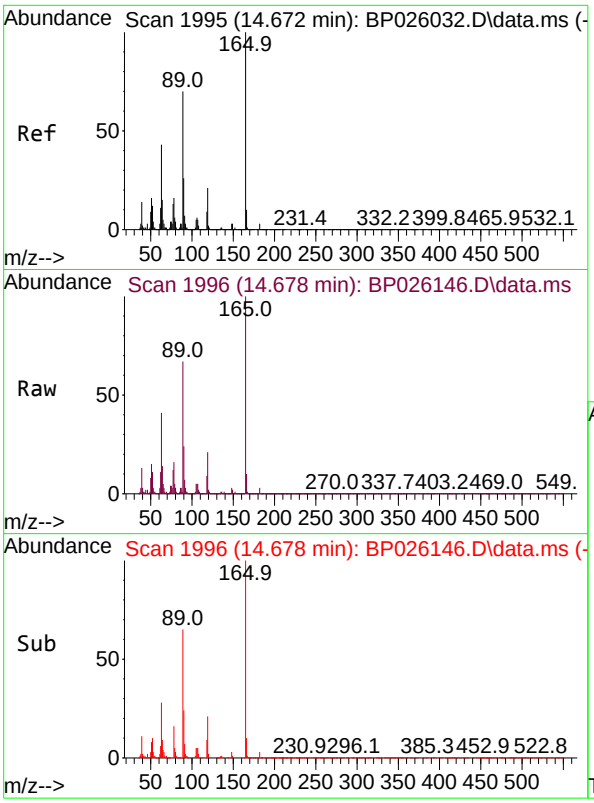



#56
4-Nitrophenol
Concen: 22.578 ng
RT: 14.537 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:139 Resp: 268085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 65.8 | 46.8 | 86.8 |
| 65 | 89.3 | 69.3 | 109.3 |

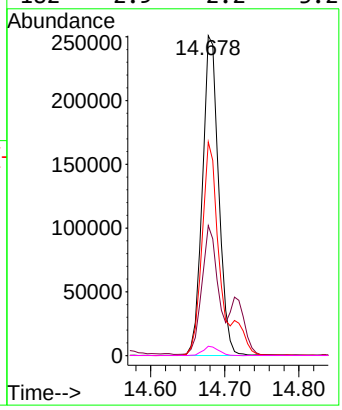





#57
2,4-Dinitrotoluene
Concen: 26.418 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:165 Resp: 380156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.6 | 31.0 | 46.6 |
| 89 | 66.8 | 51.7 | 77.5 |
| 182 | 2.9 | 2.2 | 3.2 |




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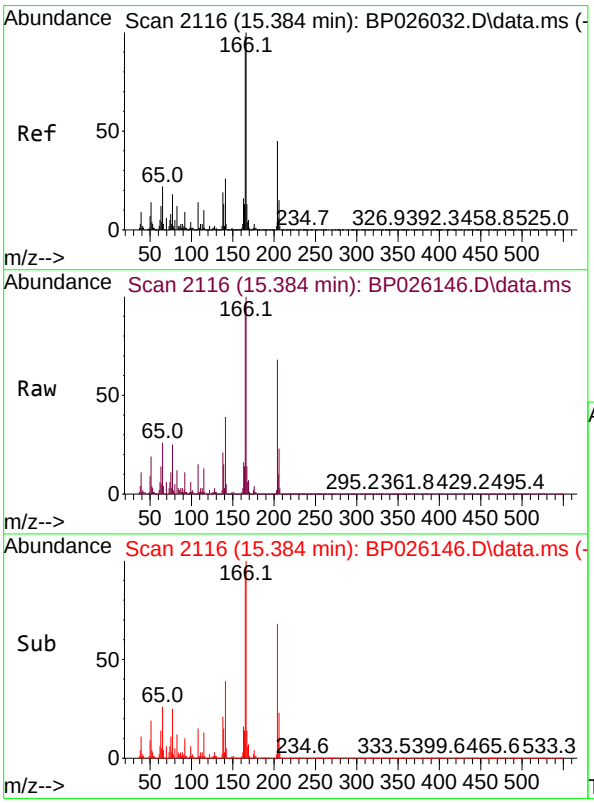
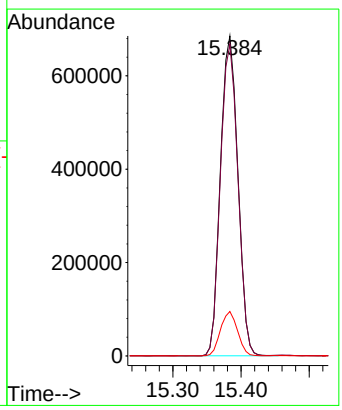
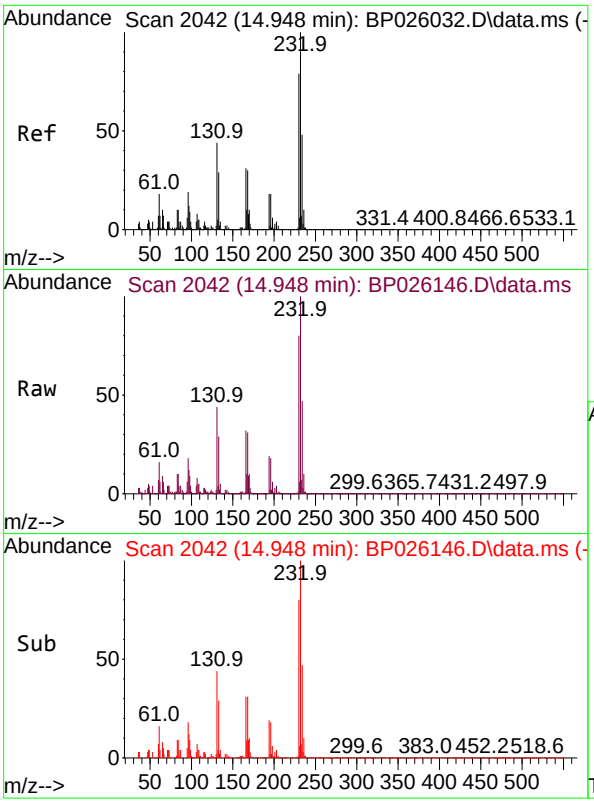



#58
Fluorene
Concen: 21.155 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:166 Resp: 1215204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 77.9 | 116.9 |
| 167 | 13.9 | 11.0 | 16.4 |

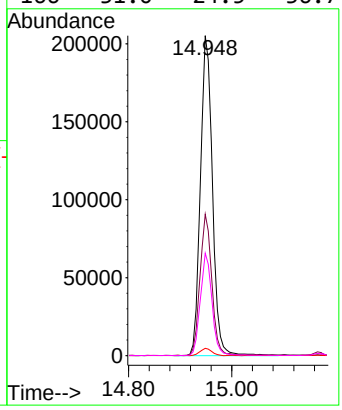





#59
2,3,4,6-Tetrachlorophenol
Concen: 24.574 ng
RT: 14.948 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:232 Resp: 331539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.2 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 31.0 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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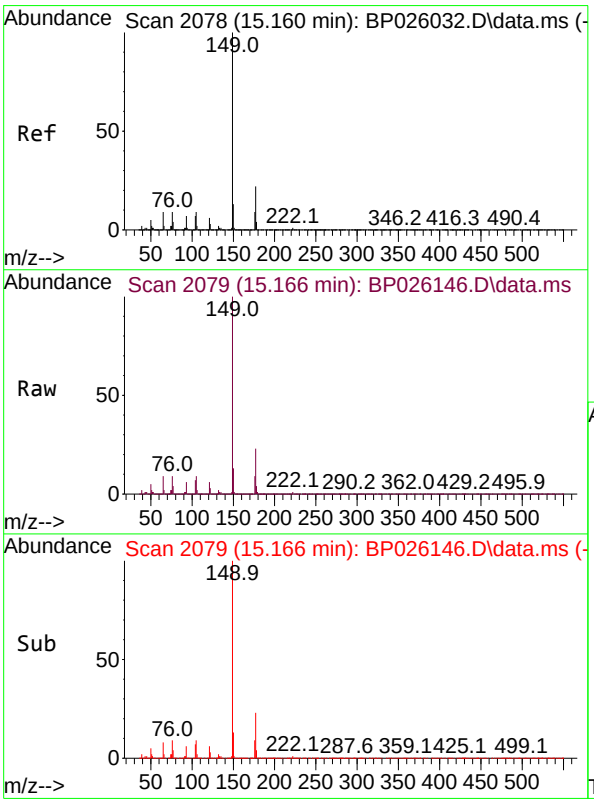
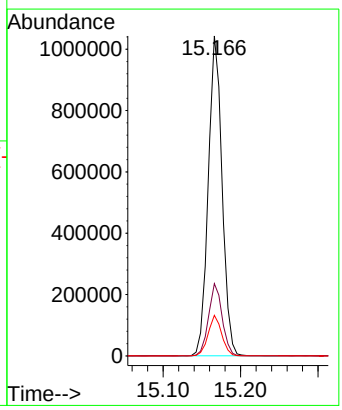
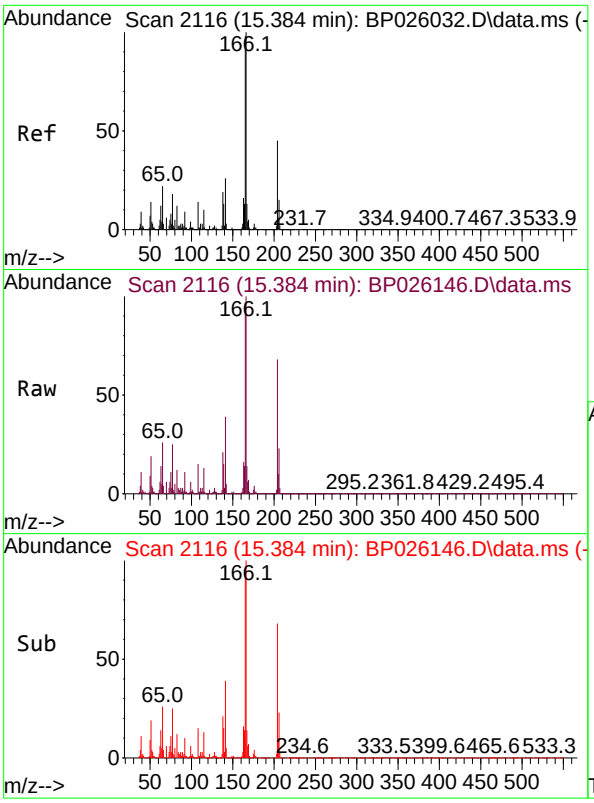



#60
Diethylphthalate
Concen: 21.853 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1289507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 17.9 | 26.9 |
| 150 | 12.7 | 9.9 | 14.9 |

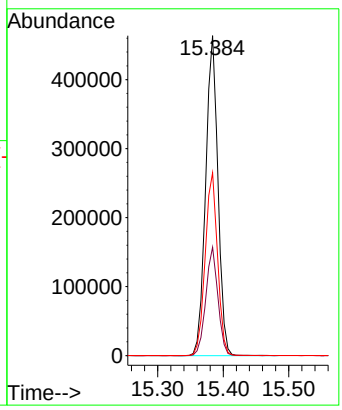





#61
4-Chlorophenyl-phenylether
Concen: 20.967 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:204 Resp: 60036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 26.2 | 39.2 |
| 141 | 57.1 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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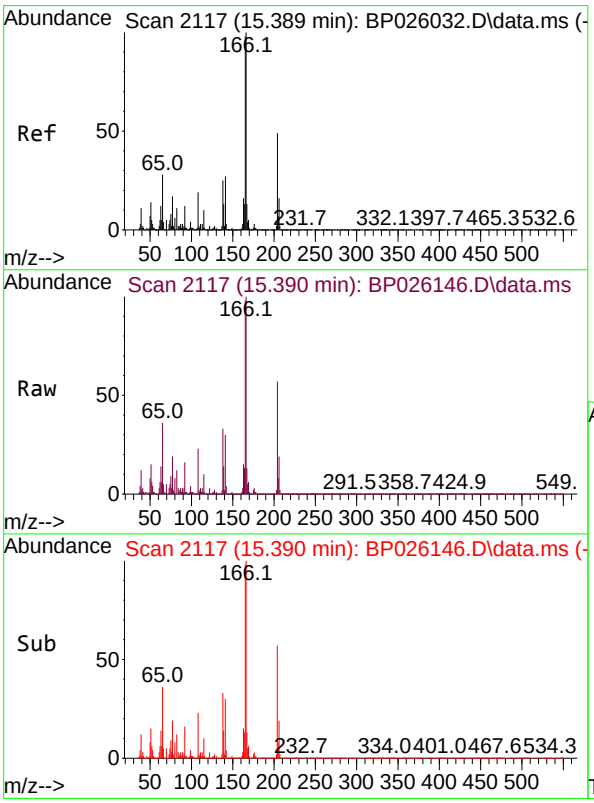
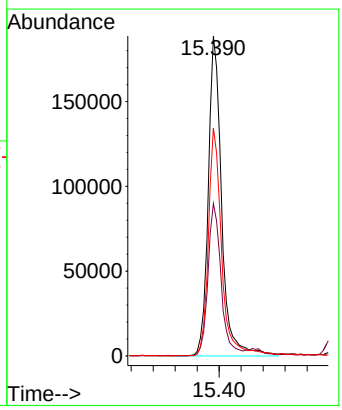
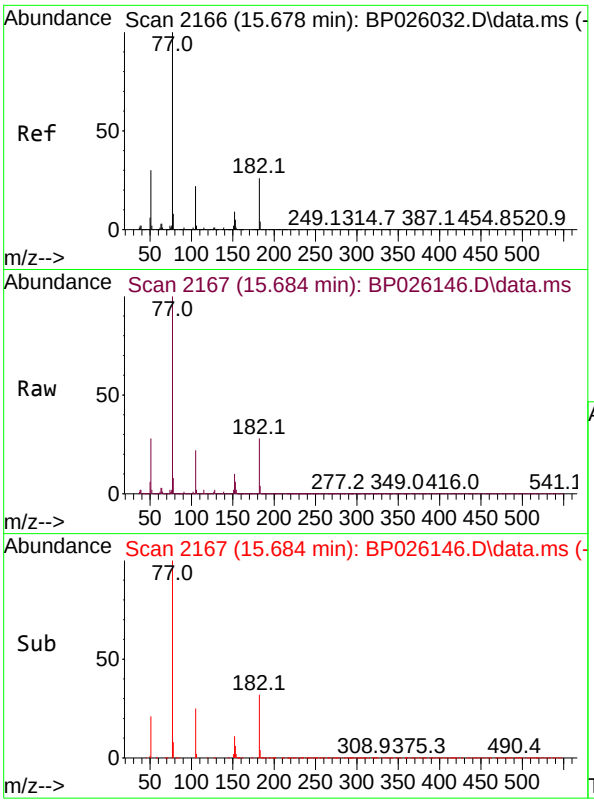



#62
4-Nitroaniline
Concen: 25.224 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:138 Resp: 319109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.6 | 27.5 | 67.5 |
| 108 | 71.2 | 51.1 | 91.1 |

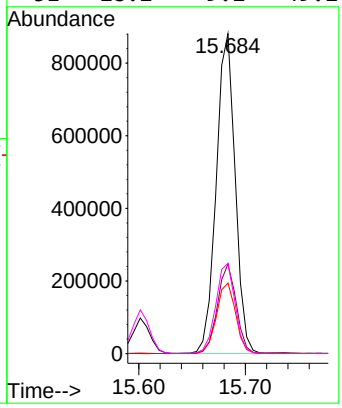





#63
Azobenzene
Concen: 20.545 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 108996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.0 | 8.8 | 48.8 |
| 105 | 22.1 | 2.6 | 42.6 |
| 51 | 28.2 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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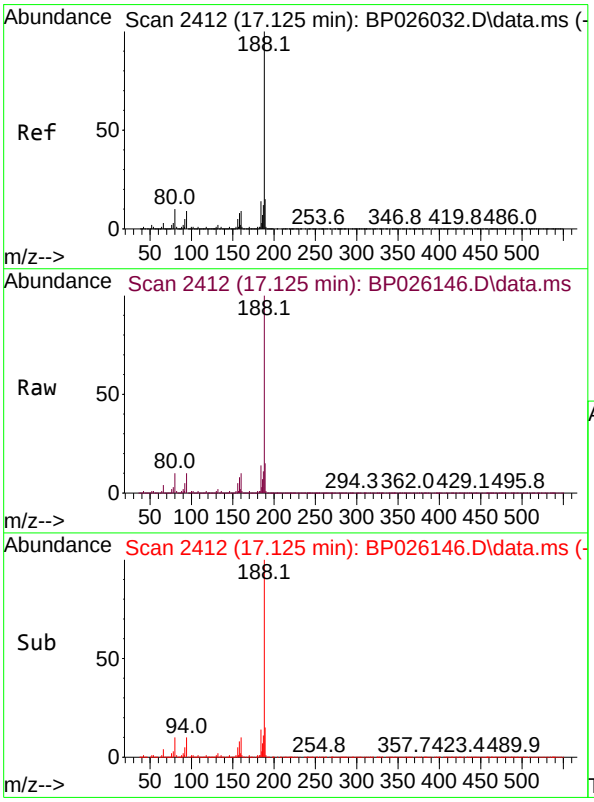
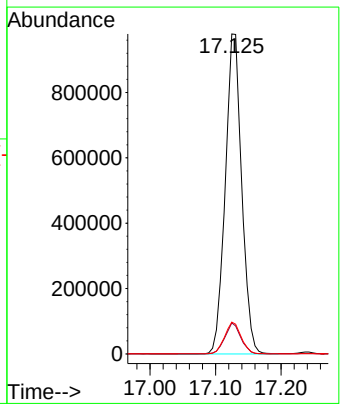
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

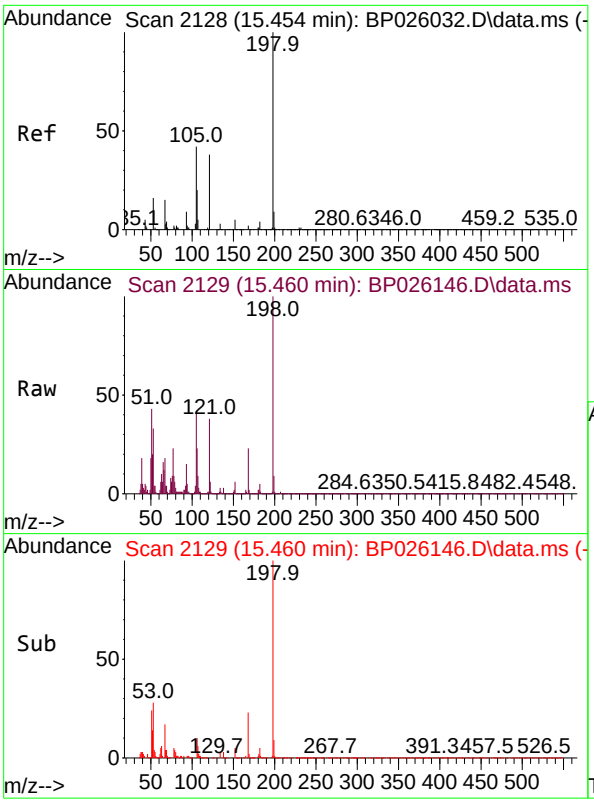



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:188 Resp: 1709036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 7.8 | 11.6 |
| 80 | 9.9 | 8.2 | 12.2 |

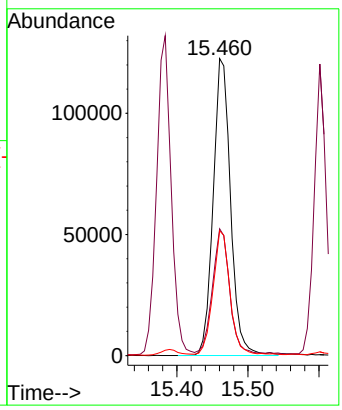





#65
4,6-Dinitro-2-methylphenol
Concen: 28.706 ng
RT: 15.460 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:198 Resp: 20940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.7 | 18.4 | 58.4 |
| 105 | 42.1 | 18.5 | 58.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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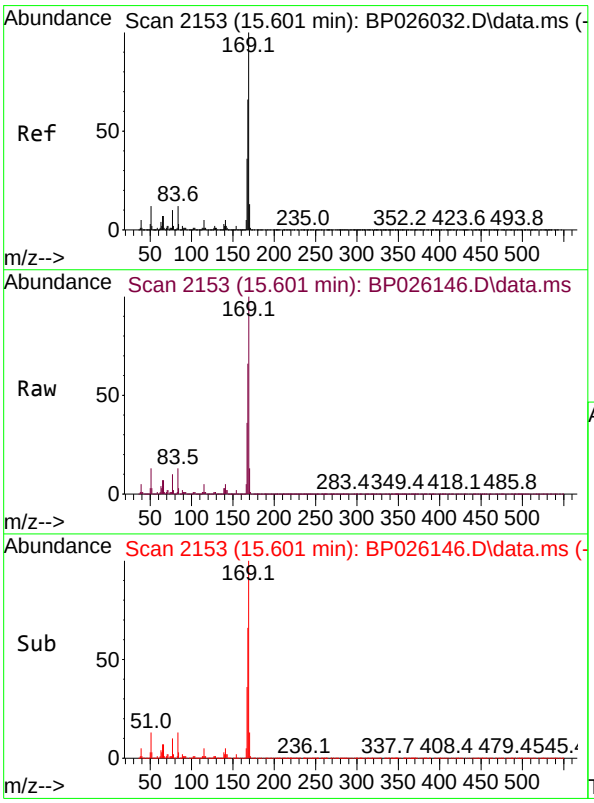
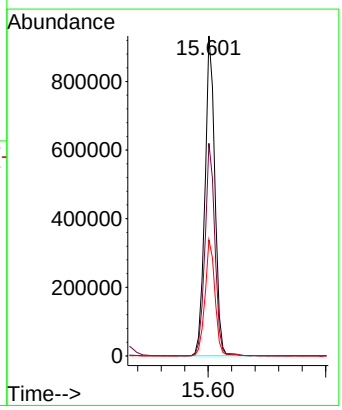
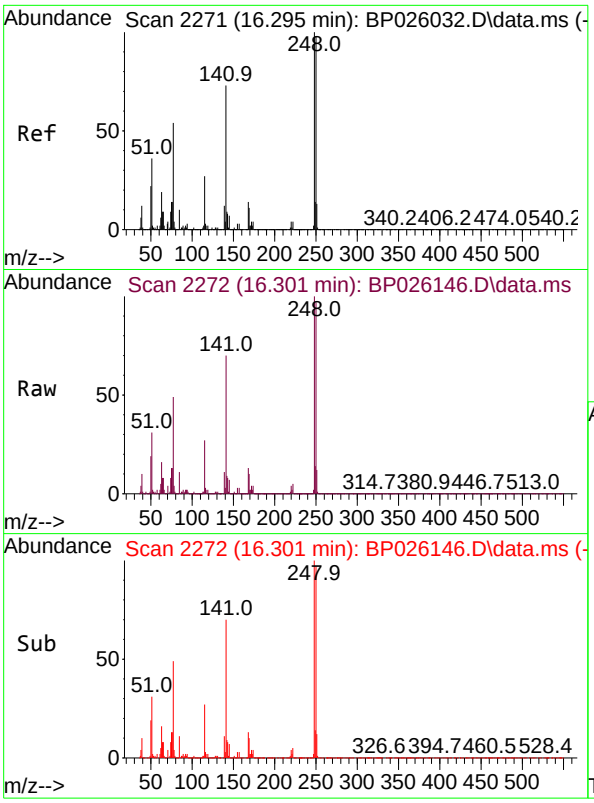



#66
n-Nitrosodiphenylamine
Concen: 20.565 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:169 Resp: 1094982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.4 | 53.1 | 79.7 |
| 167 | 36.3 | 28.9 | 43.3 |

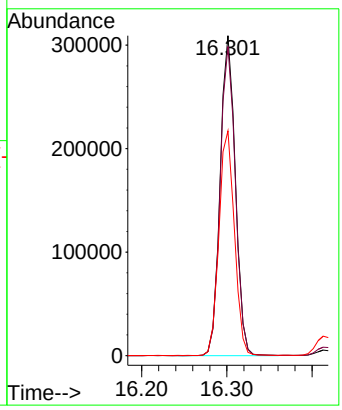





#67
4-Bromophenyl-phenylether
Concen: 20.120 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:248 Resp: 38173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.6 | 77.8 | 116.6 |
| 141 | 70.2 | 55.4 | 83.0 |




**Instrument :**
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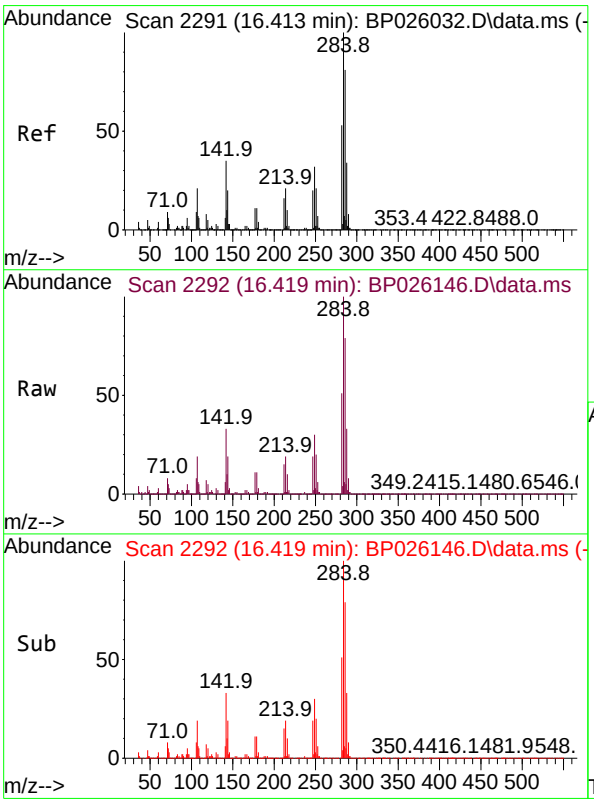
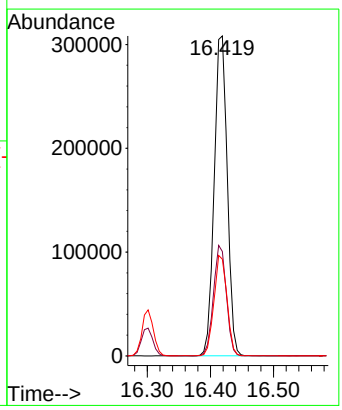
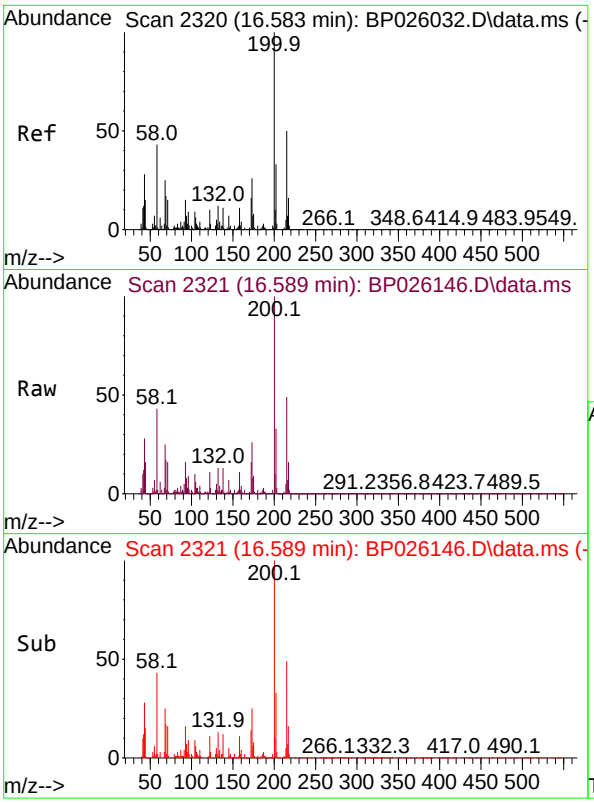



#68
Hexachlorobenzene
Concen: 20.559 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:284 Resp: 443742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.6 | 28.0 | 42.0 |
| 249 | 30.2 | 25.0 | 37.4 |

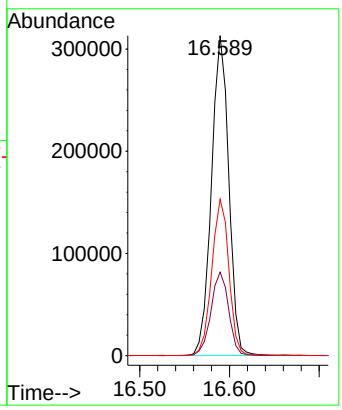





#69
Atrazine
Concen: 23.144 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:200 Resp: 42245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.1 | 6.7 | 46.7 |
| 215 | 48.9 | 27.4 | 67.4 |




**Instrument :**
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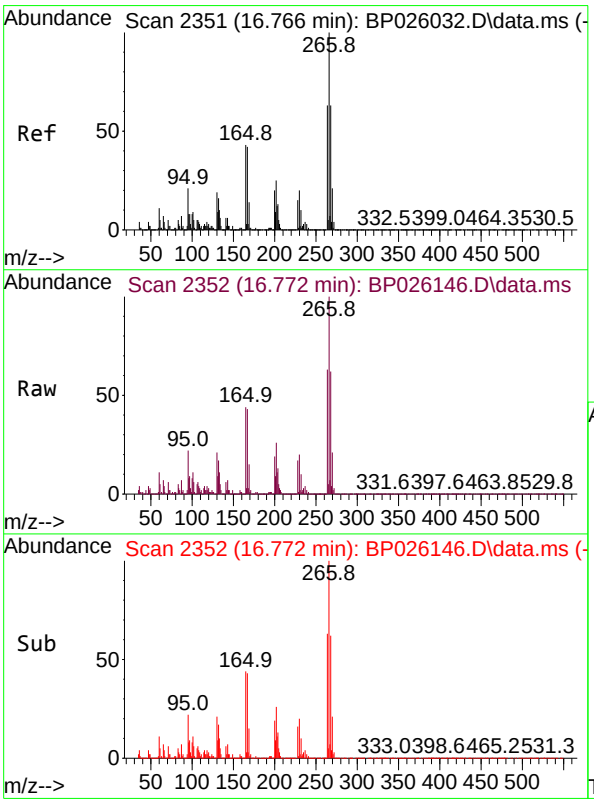
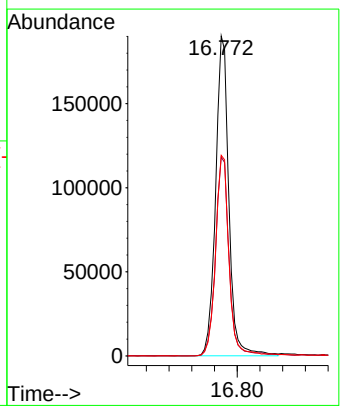
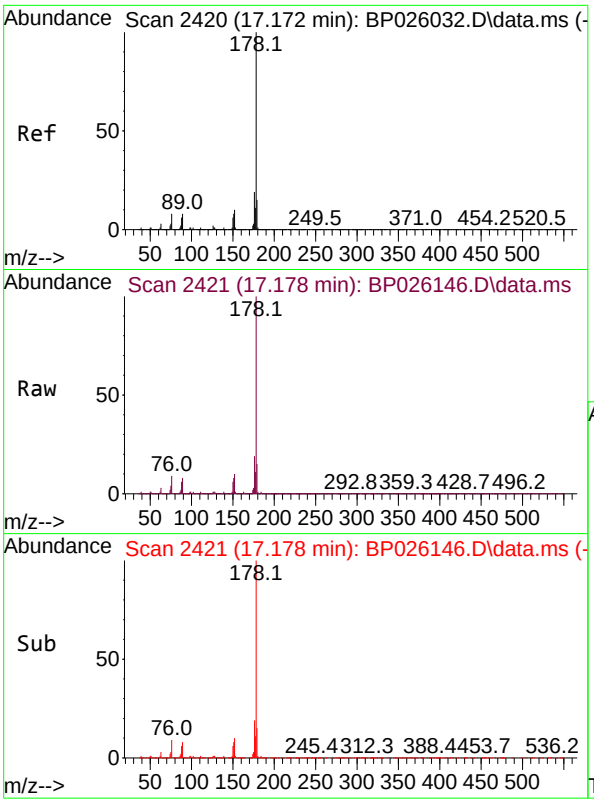



#70
Pentachlorophenol
Concen: 22.793 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:266 Resp: 306483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.1 | 51.0 | 76.4 |
| 264 | 62.7 | 50.2 | 75.2 |

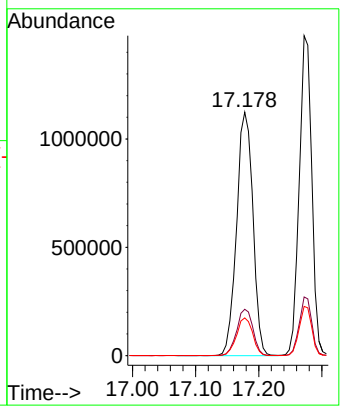





#71
Phenanthrene
Concen: 20.401 ng
RT: 17.178 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:178 Resp: 201434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.4 | 23.2 |
| 179 | 15.5 | 12.4 | 18.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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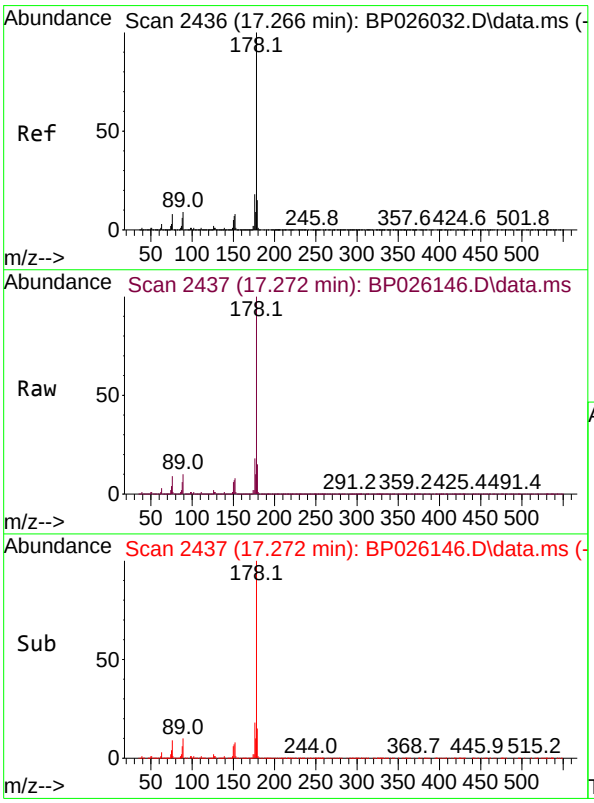
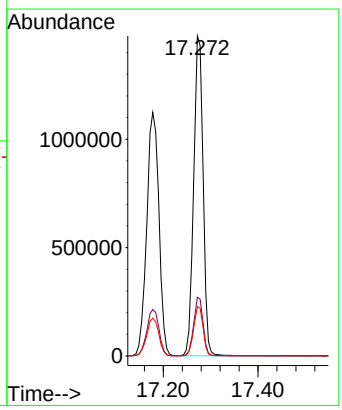
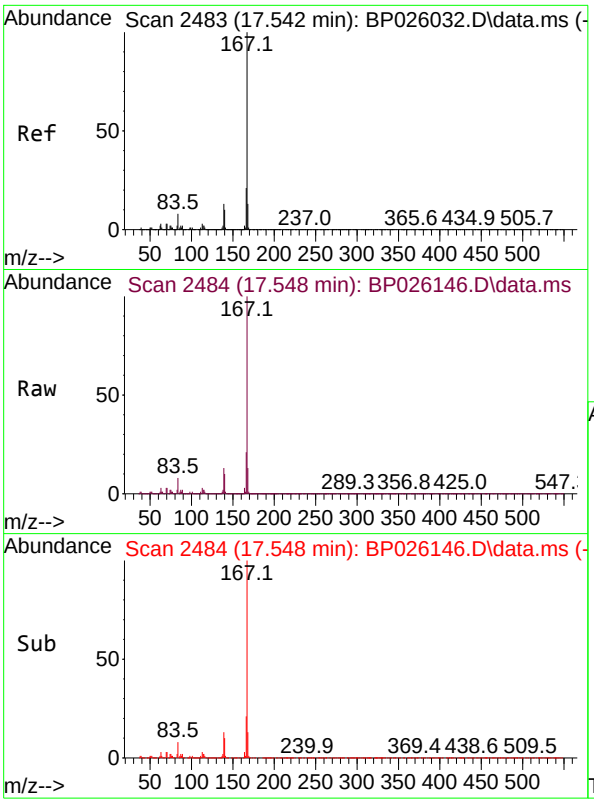



#72
Anthracene
Concen: 20.778 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:178 Resp: 2046874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.8 | 22.2 |
| 179 | 15.4 | 12.2 | 18.4 |

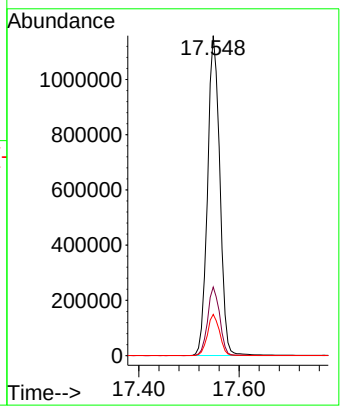





#73
Carbazole
Concen: 21.216 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:167 Resp: 196683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.1 | 25.7 |
| 139 | 12.9 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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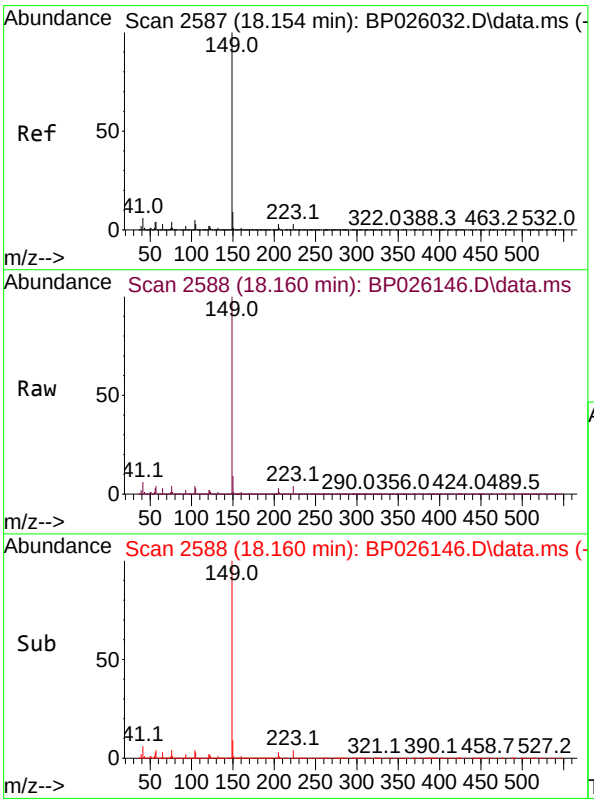
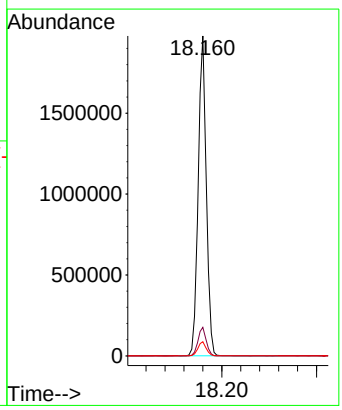
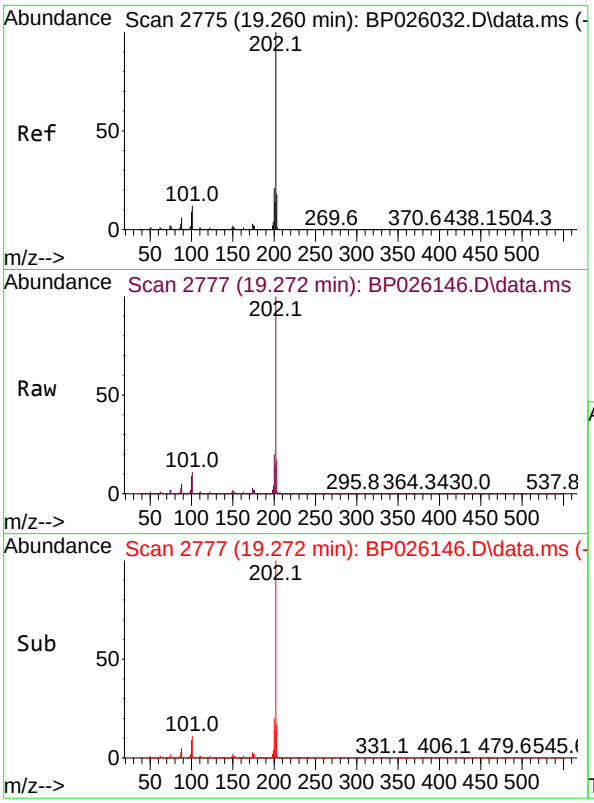



#74
Di-n-butylphthalate
Concen: 22.368 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 2344972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.5 | 11.3 |
| 104 | 4.4 | 3.6 | 5.4 |

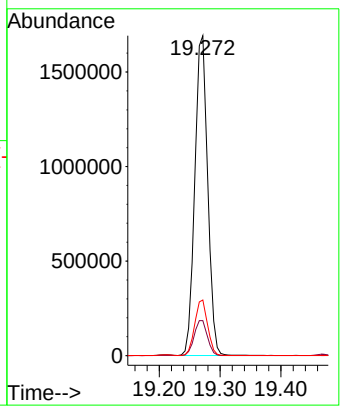





#75
Fluoranthene
Concen: 21.452 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:202 Resp: 248205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 31.2 |
| 203 | 17.4 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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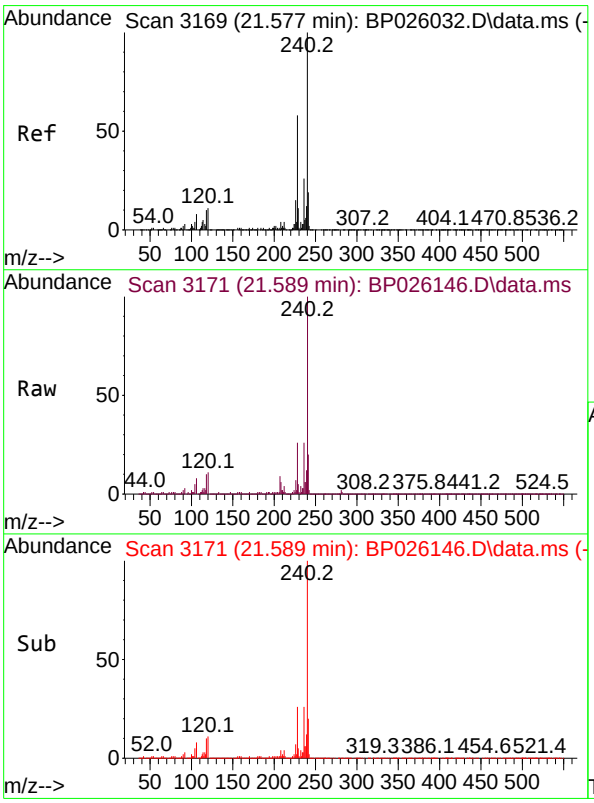
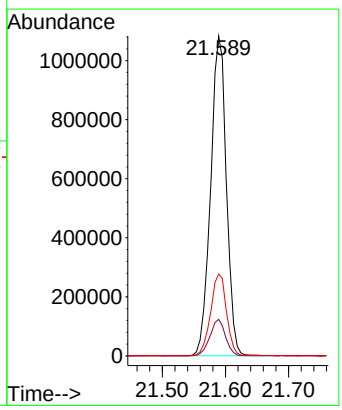
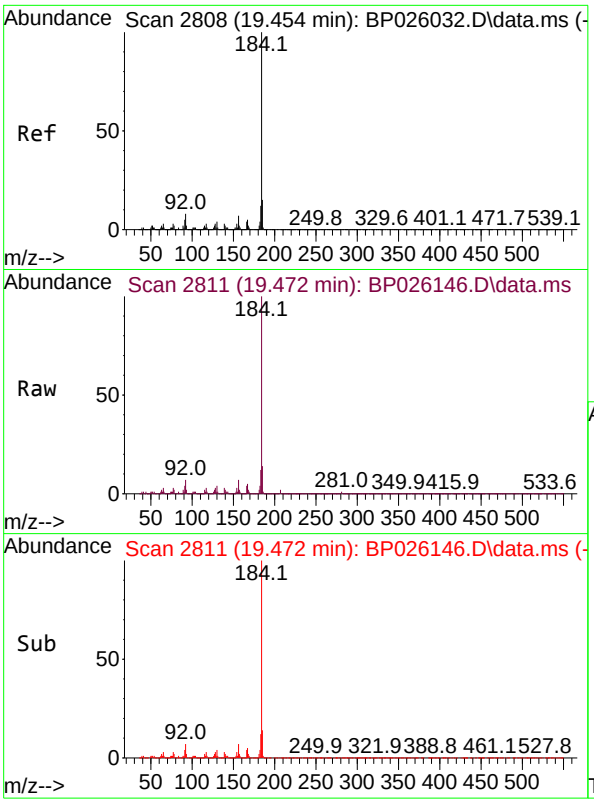



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:240 Resp: 1880769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 9.0 | 13.4 |
| 236 | 25.6 | 20.4 | 30.6 |

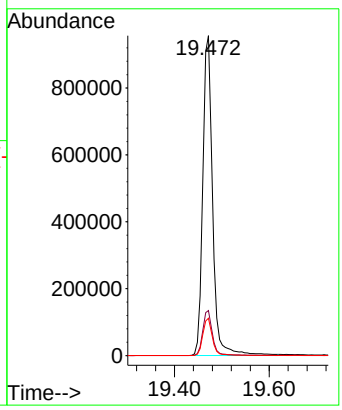





#77
Benzidine
Concen: 27.923 ng
RT: 19.472 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 137903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.3 | 16.9 |
| 183 | 11.7 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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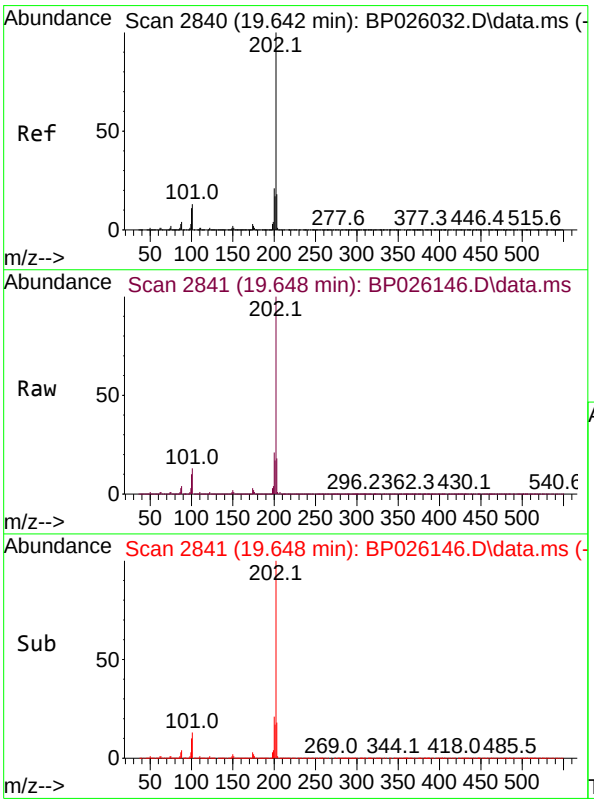
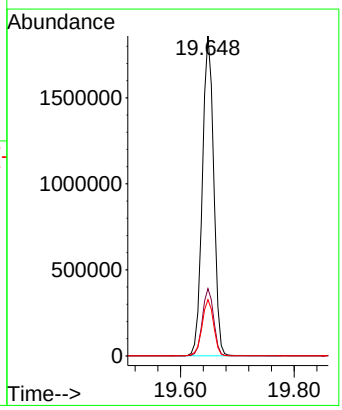
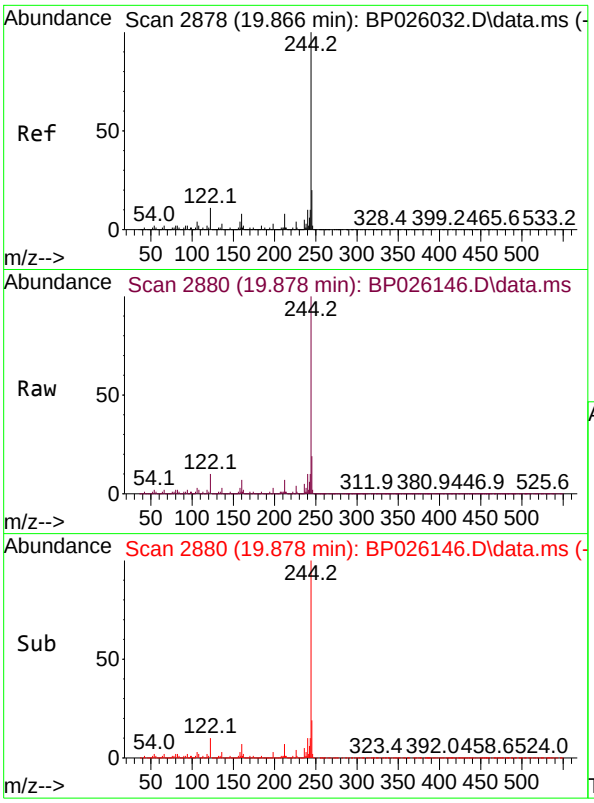



#78
Pyrene
Concen: 20.591 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:202 Resp: 2586291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.9 | 25.3 |
| 203 | 17.6 | 13.8 | 20.8 |






#79
Terphenyl-d14
Concen: 43.268 ng
RT: 19.878 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:244 Resp: 399061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.8 | 8.8 |
| 122 | 10.4 | 8.2 | 12.2 |

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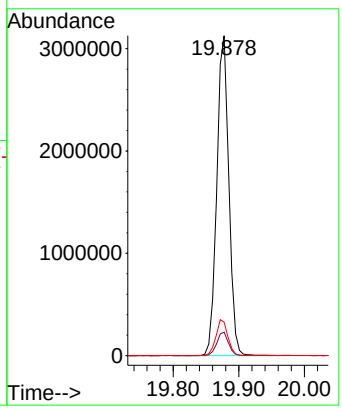
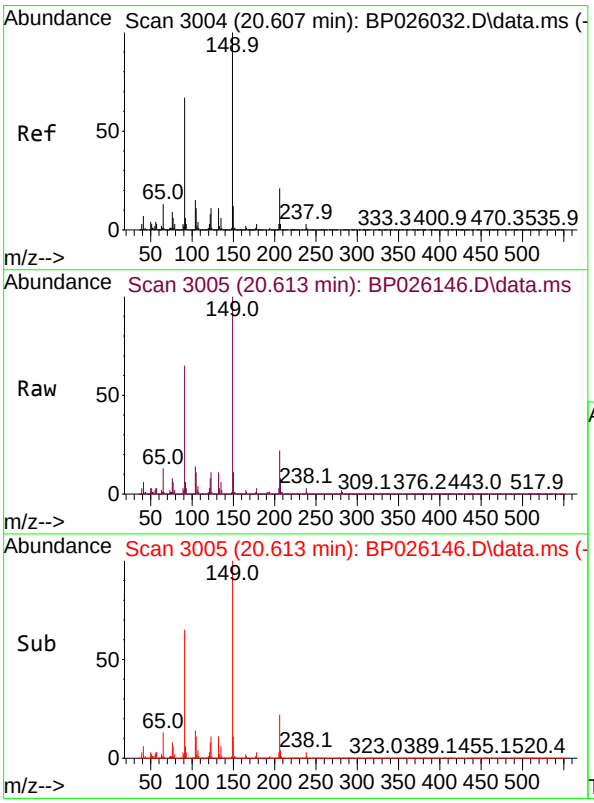
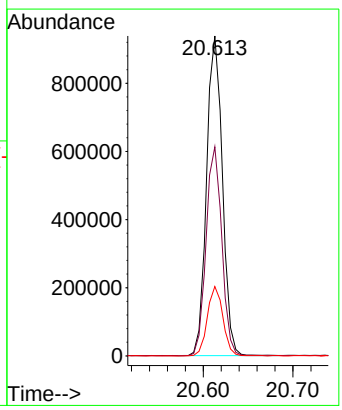


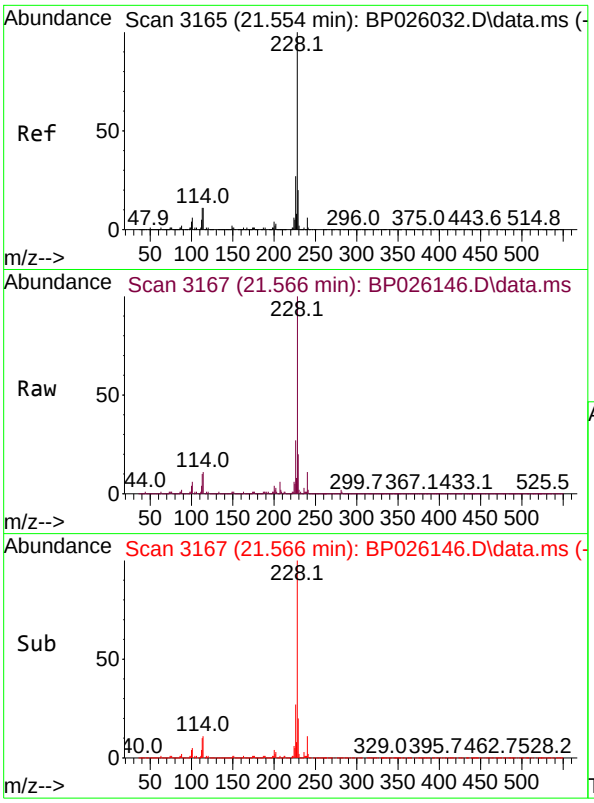




#80
Butylbenzylphthalate
Concen: 27.342 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1151348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.3 | 52.6 | 79.0 |
| 206 | 21.7 | 16.9 | 25.3 |

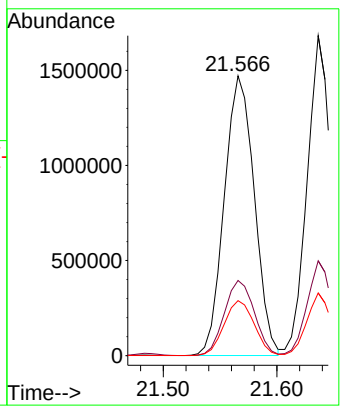





#81
Benzo(a)anthracene
Concen: 21.043 ng
RT: 21.566 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:228 Resp: 270257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 21.8 | 32.8 |
| 229 | 19.6 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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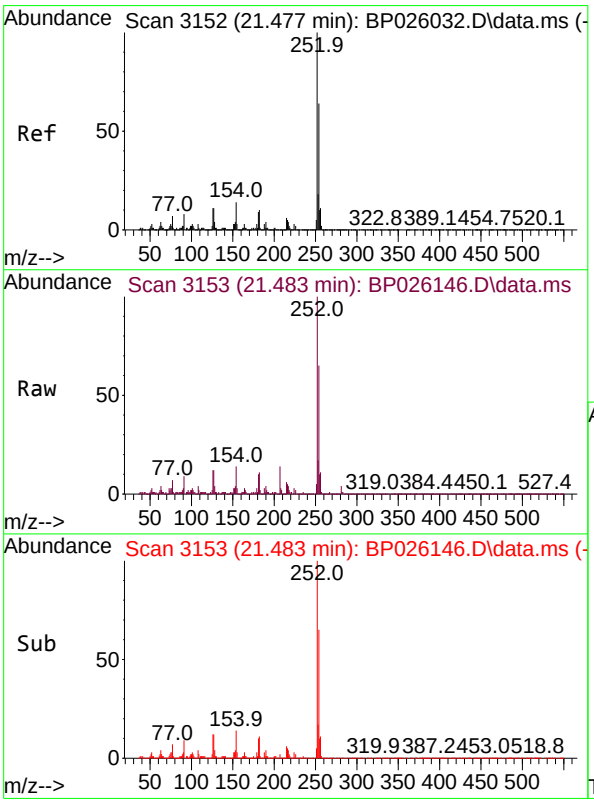
**APPROVED**

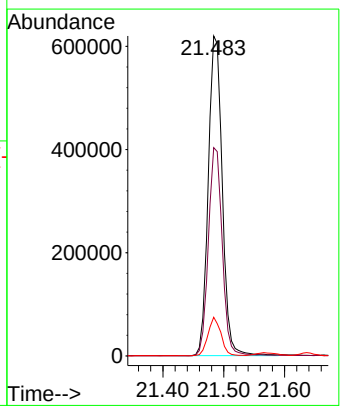
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

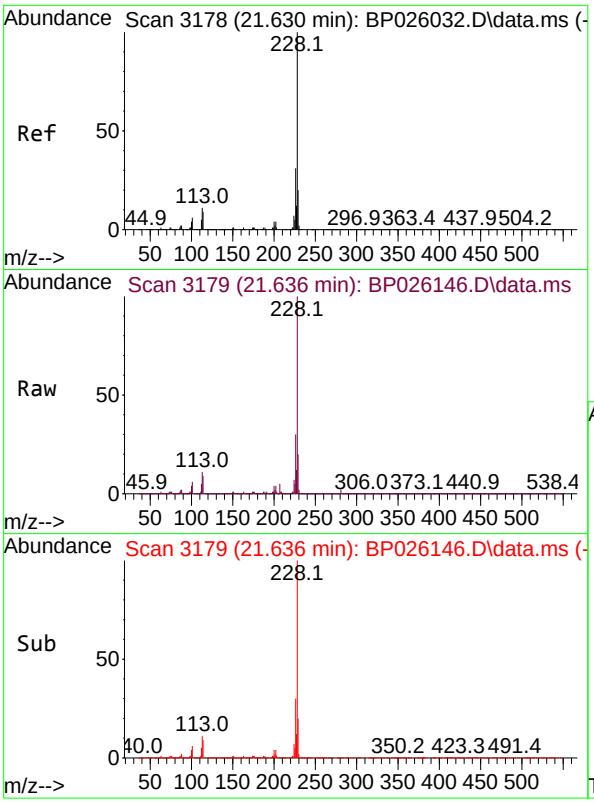



#82
3,3'-Dichlorobenzidine
Concen: 23.394 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 989512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 51.2 | 76.8 |
| 126 | 12.1 | 8.2 | 12.4 |

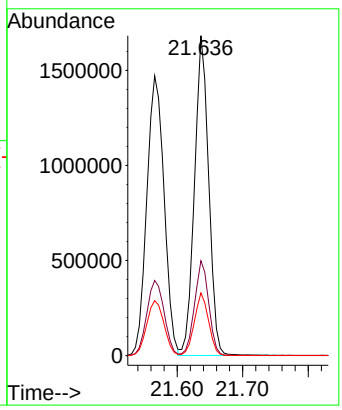





#83
Chrysene
Concen: 20.723 ng
RT: 21.636 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:228 Resp: 252276

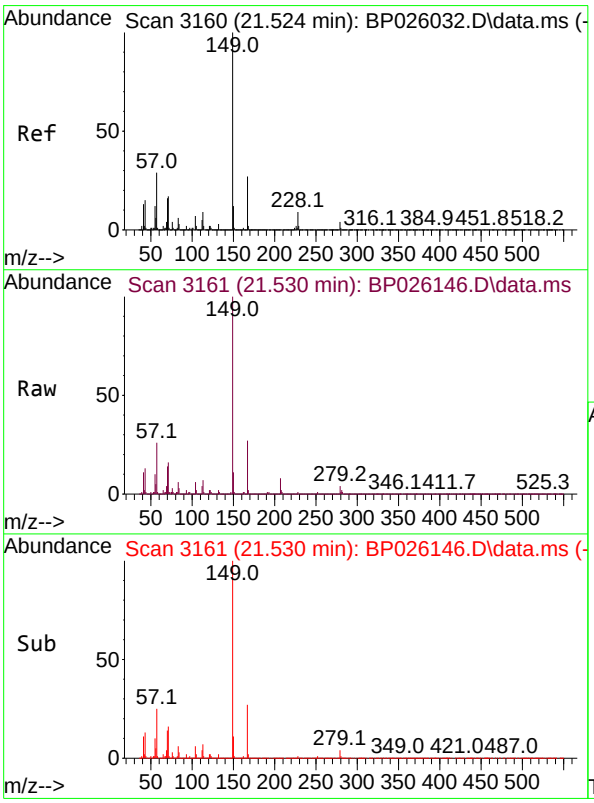
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 23.9 | 35.9 |
| 229 | 19.6 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

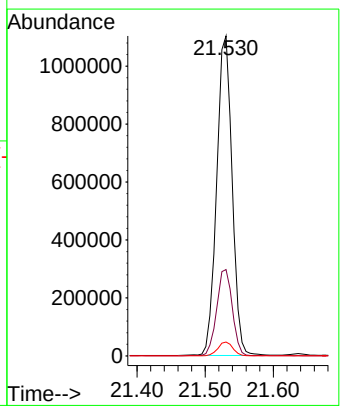
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

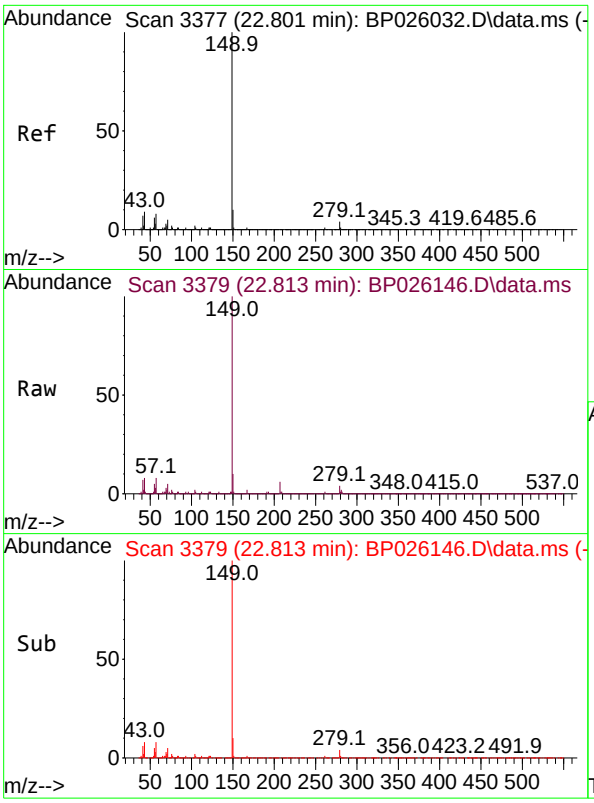



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.069 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1726261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 22.1 | 33.1 |
| 279 | 4.3 | 3.3 | 4.9 |

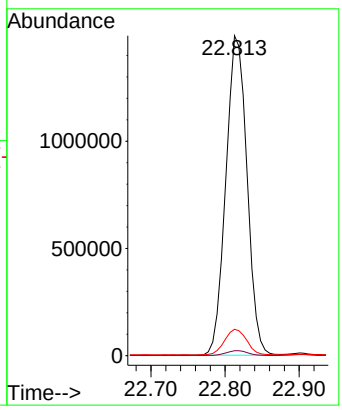





#85
Di-n-octyl phthalate
Concen: 25.198 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 295656

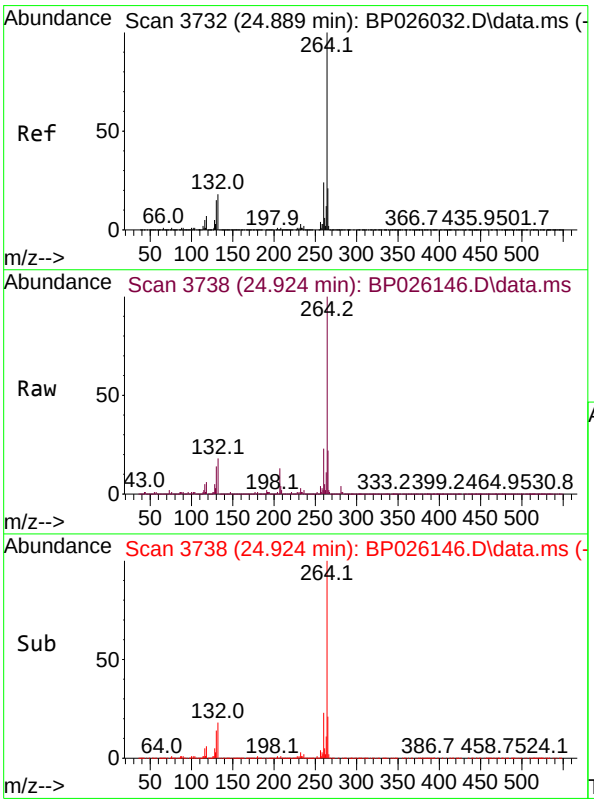
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 8.3 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

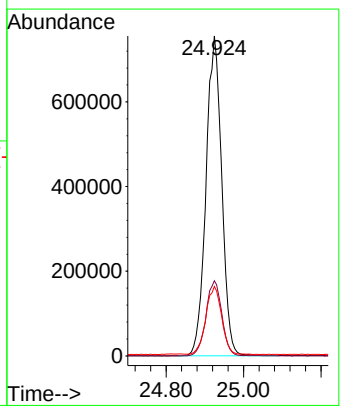
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

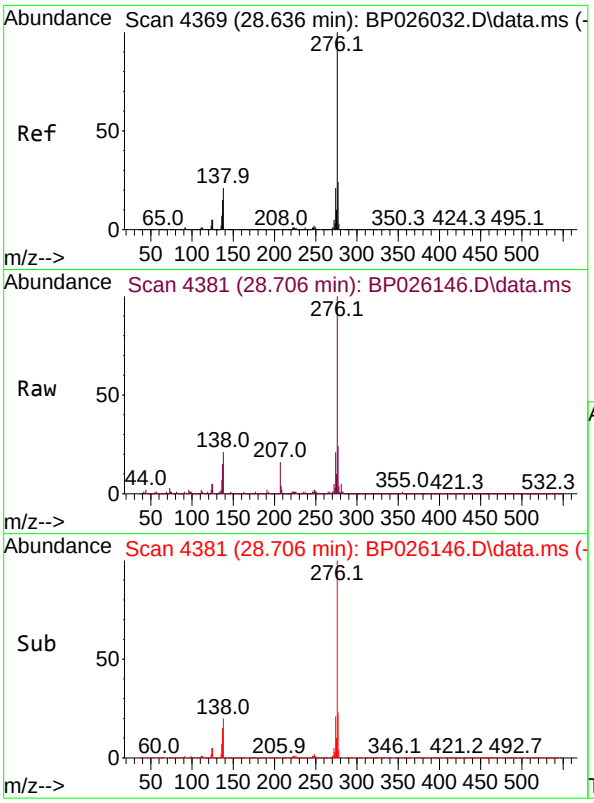



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:264 Resp: 2127701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.7 | 28.1 |
| 265 | 21.7 | 17.5 | 26.3 |

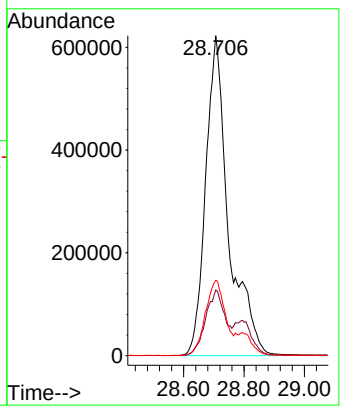





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.969 ng m
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:276 Resp: 327329

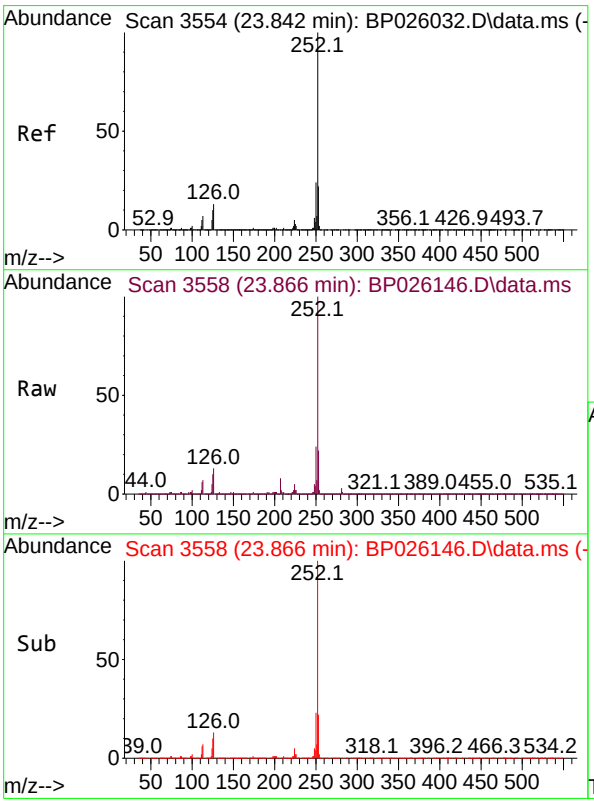
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.7 | 13.8 | 20.8 |
| 277 | 20.3 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

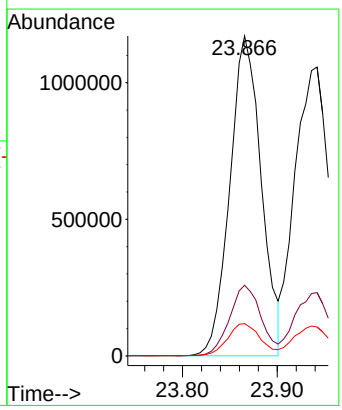
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

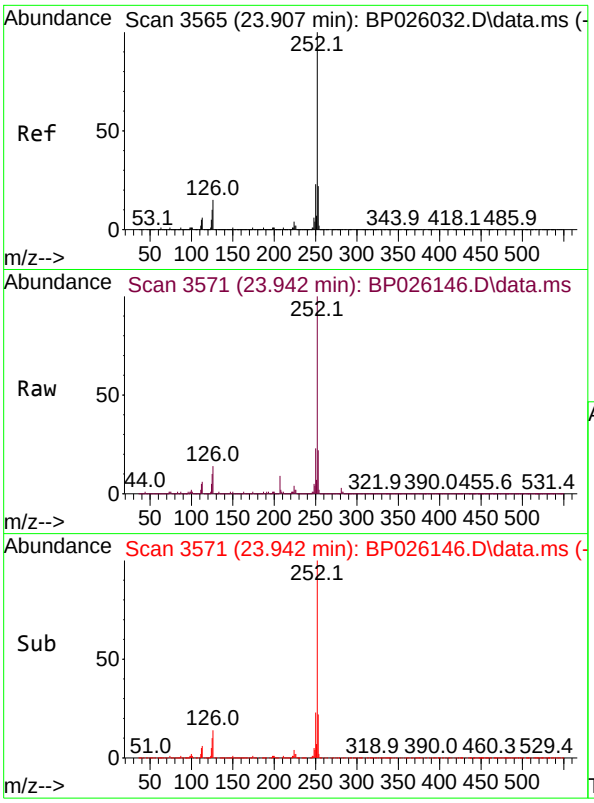



#88
Benzo(b)fluoranthene
Concen: 20.722 ng
RT: 23.866 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 2704711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.1 | 8.2 | 12.4 |

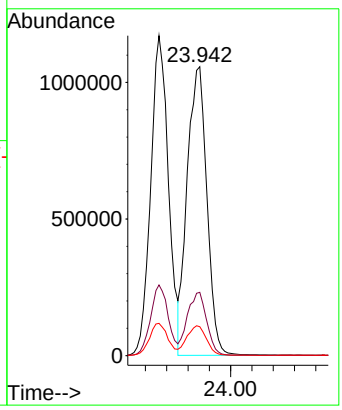





#89
Benzo(k)fluoranthene
Concen: 20.326 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 271239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 10.0 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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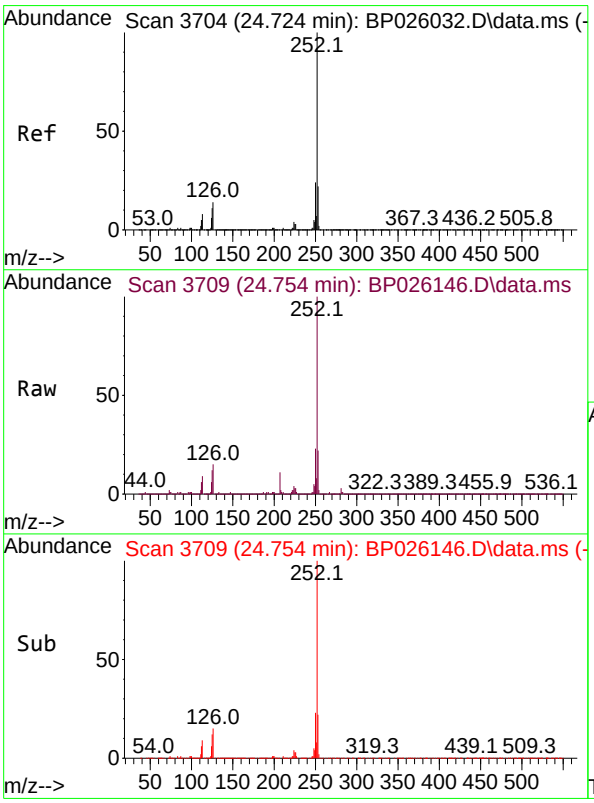
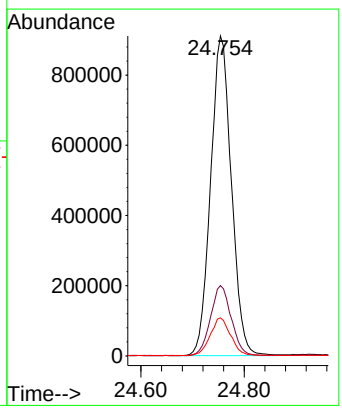
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

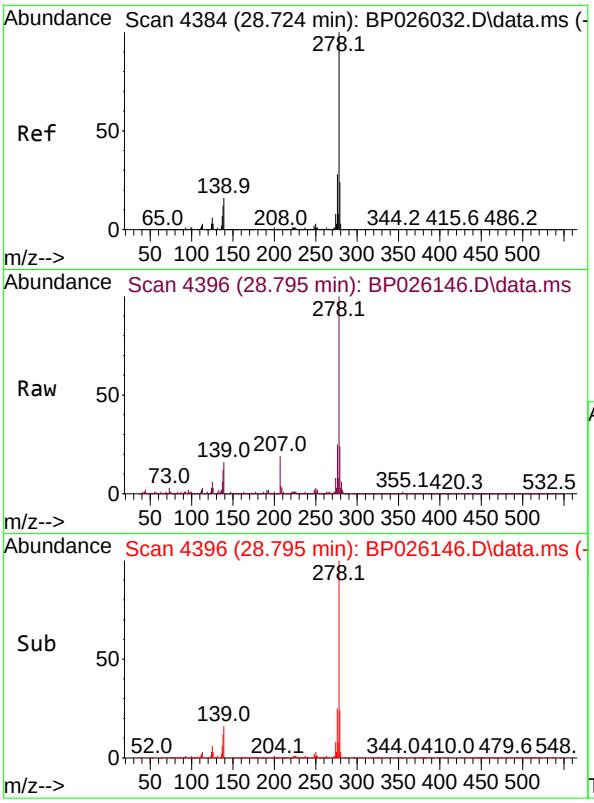



#90
Benzo(a)pyrene
Concen: 21.125 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 2549616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 11.9 | 9.0 | 13.6 |

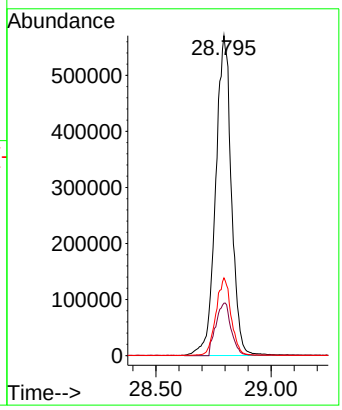





#91
Dibenzo(a,h)anthracene
Concen: 21.306 ng
RT: 28.795 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:278 Resp: 271173

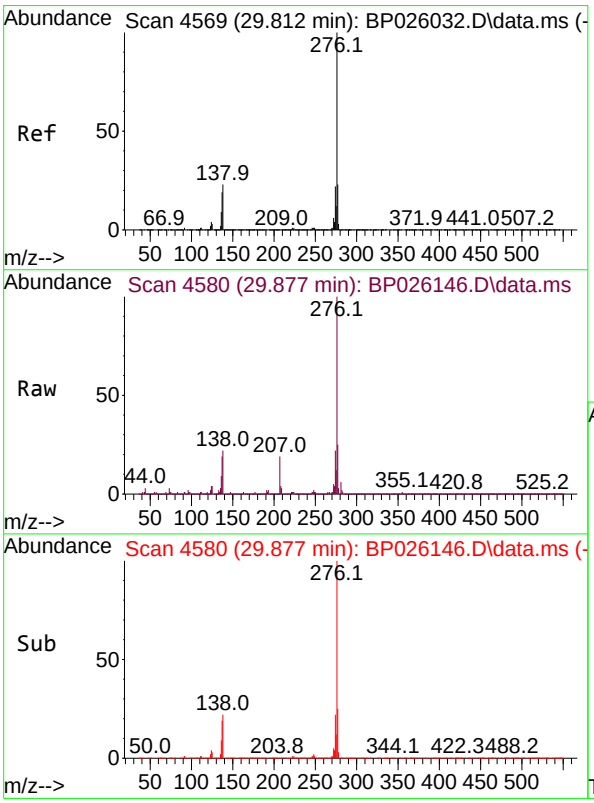
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.4 | 13.2 | 19.8 |
| 279 | 24.3 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

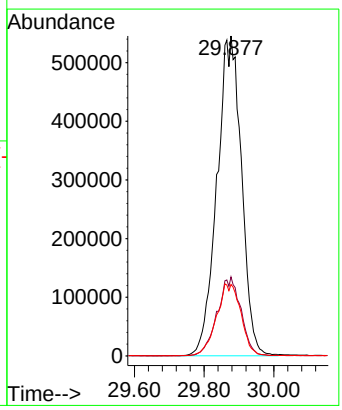
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 21.686 ng m
RT: 29.877 min Scan# 4580
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:276 Resp: 2666038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 18.8 | 28.2 |
| 138 | 22.3 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 337271 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1420937 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 933300 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 1878028 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.577 | 240 | 1999579 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.901 | 264 | 2243799 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 1679294 | 79.895 | ng | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 2181293 | 81.447 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2018895 | 80.578 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 985641 | 81.498 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 4991155 | 78.020 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.872 | 244 | 7922015 | 80.792 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 328478 | 38.414 | ng | 100 |
| 3) Pyridine | 3.614 | 79 | 974704 | 39.541 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.519 | 42 | 364054 | 39.627 | ng | 96 |
| 6) Aniline | 7.008 | 93 | 1431502 | 40.575 | ng | 98 |
| 8) 2-Chlorophenol | 7.243 | 128 | 964995 | 40.369 | ng | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 622134 | 53.939 | ng | 99 |
| 10) Phenol | 6.878 | 94 | 1177853 | 40.869 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 917778 | 40.811 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.560 | 146 | 1028799 | 39.968 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1038752 | 40.071 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 997382 | 39.996 | ng | 99 |
| 15) Benzyl Alcohol | 7.908 | 79 | 800974 | 40.874 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 1291371 | 40.615 | ng | 99 |
| 17) 2-Methylphenol | 8.113 | 107 | 806245 | 41.076 | ng | 100 |
| 18) Hexachloroethane | 8.743 | 117 | 380794 | 40.305 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 690711 | 41.414 | ng | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1095272 | 40.127 | ng | 98 |
| 22) Acetophenone | 8.484 | 105 | 1439776 | 39.828 | ng | 100 |
| 24) Nitrobenzene | 8.855 | 77 | 1020382 | 40.240 | ng | 99 |
| 25) Isophorone | 9.384 | 82 | 2017328 | 40.551 | ng | 99 |
| 26) 2-Nitrophenol | 9.554 | 139 | 537109 | 42.012 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 932722 | 40.271 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 1247327 | 40.045 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 940122 | 40.740 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.307 | 180 | 938571 | 39.912 | ng | 99 |
| 31) Naphthalene | 10.496 | 128 | 3048677 | 39.513 | ng | 99 |
| 32) Benzoic acid | 9.772 | 122 | 784823 | 42.116 | ng | 97 |
| 33) 4-Chloroaniline | 10.596 | 127 | 1340270 | 40.923 | ng | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 610384 | 39.893 | ng | 99 |
| 35) Caprolactam | 11.384 | 113 | 333785 | 40.168 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.725 | 107 | 1006010 | 40.975 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2196657 | 40.223 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 2167022 | 40.554 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.478 | 216 | 1113781 | 39.601 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.466 | 237 | 739123 | 40.264 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 783545 | 40.484 | ng | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.795 | 196 | 871078 | 40.362 | ng | 99 |
| 46) | 1,1'-Biphenyl | 13.131 | 154 | 2780286 | 39.689 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.166 | 162 | 2182735 | 39.633 | ng | 99 |
| 48) | 2-Nitroaniline | 13.366 | 65 | 630592 | 41.000 | ng | 95 |
| 49) | Acenaphthylene | 14.025 | 152 | 3633847 | 39.879 | ng | 100 |
| 50) | Dimethylphthalate | 13.760 | 163 | 2788637 | 40.098 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 13.878 | 165 | 588736 | 42.806 | ng | 95 |
| 52) | Acenaphthene | 14.372 | 154 | 2124219 | 39.859 | ng | 99 |
| 53) | 3-Nitroaniline | 14.207 | 138 | 675665 | 41.586 | ng | 99 |
| 54) | 2,4-Dinitrophenol | 14.413 | 184 | 346832 | 42.038 | ng | 98 |
| 55) | Dibenzofuran | 14.713 | 168 | 3294100 | 39.554 | ng | 99 |
| 56) | 4-Nitrophenol | 14.531 | 139 | 589592 | 39.974 | ng | 99 |
| 57) | 2,4-Dinitrotoluene | 14.678 | 165 | 871532 | 42.152 | ng | 96 |
| 58) | Fluorene | 15.384 | 166 | 2576477 | 39.135 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 746296 | 40.827 | ng | 100 |
| 60) | Diethylphthalate | 15.160 | 149 | 2841743 | 40.313 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.384 | 204 | 1293329 | 39.576 | ng | 96 |
| 62) | 4-Nitroaniline | 15.395 | 138 | 681705 | 40.085 | ng | 99 |
| 63) | Azobenzene | 15.684 | 77 | 2408368 | 40.665 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 15.454 | 198 | 503716 | 42.621 | ng | 95 |
| 66) | n-Nitrosodiphenylamine | 15.601 | 169 | 2344222 | 40.344 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.295 | 248 | 861696 | 41.519 | ng | 98 |
| 68) | Hexachlorobenzene | 16.419 | 284 | 994319 | 41.466 | ng | 95 |
| 69) | Atrazine | 16.584 | 200 | 893064 | 40.815 | ng | 99 |
| 70) | Pentachlorophenol | 16.766 | 266 | 688877 | 40.947 | ng | 99 |
| 71) | Phenanthrene | 17.172 | 178 | 4216157 | 39.682 | ng | 99 |
| 72) | Anthracene | 17.260 | 178 | 4399641 | 40.544 | ng | 100 |
| 73) | Carbazole | 17.542 | 167 | 4149841 | 40.424 | ng | 100 |
| 74) | Di-n-butylphthalate | 18.160 | 149 | 5102416 | 41.877 | ng | 99 |
| 75) | Fluoranthene | 19.266 | 202 | 5142583 | 39.601 | ng | 99 |
| 77) | Benzidine | 19.460 | 184 | 2462804 | 40.014 | ng | 99 |
| 78) | Pyrene | 19.642 | 202 | 5323064 | 40.857 | ng | 99 |
| 80) | Butylbenzylphthalate | 20.607 | 149 | 2411743 | 41.564 | ng | 99 |
| 81) | Benzo(a)anthracene | 21.554 | 228 | 5501277 | 40.116 | ng | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.483 | 252 | 2000641 | 40.145 | ng | 99 |
| 83) | Chrysene | 21.630 | 228 | 5135129 | 39.774 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.519 | 149 | 3731352 | 42.841 | ng | 100 |
| 85) | Di-n-octyl phthalate | 22.807 | 149 | 6322176 | 41.246 | ng | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.701 | 276 | 6780312m | 40.563 | ng | |
| 88) | Benzo(b)fluoranthene | 23.865 | 252 | 5552010 | 40.699 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 23.936 | 252 | 5444576 | 39.935 | ng | 99 |
| 90) | Benzo(a)pyrene | 24.754 | 252 | 5241553 | 40.506 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.783 | 278 | 5550506 | 40.515 | ng | 100 |
| 92) | Benzo(g,h,i)perylene | 29.883 | 276 | 5486208 | 40.345 | ng | 100 |

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

ICAL Form

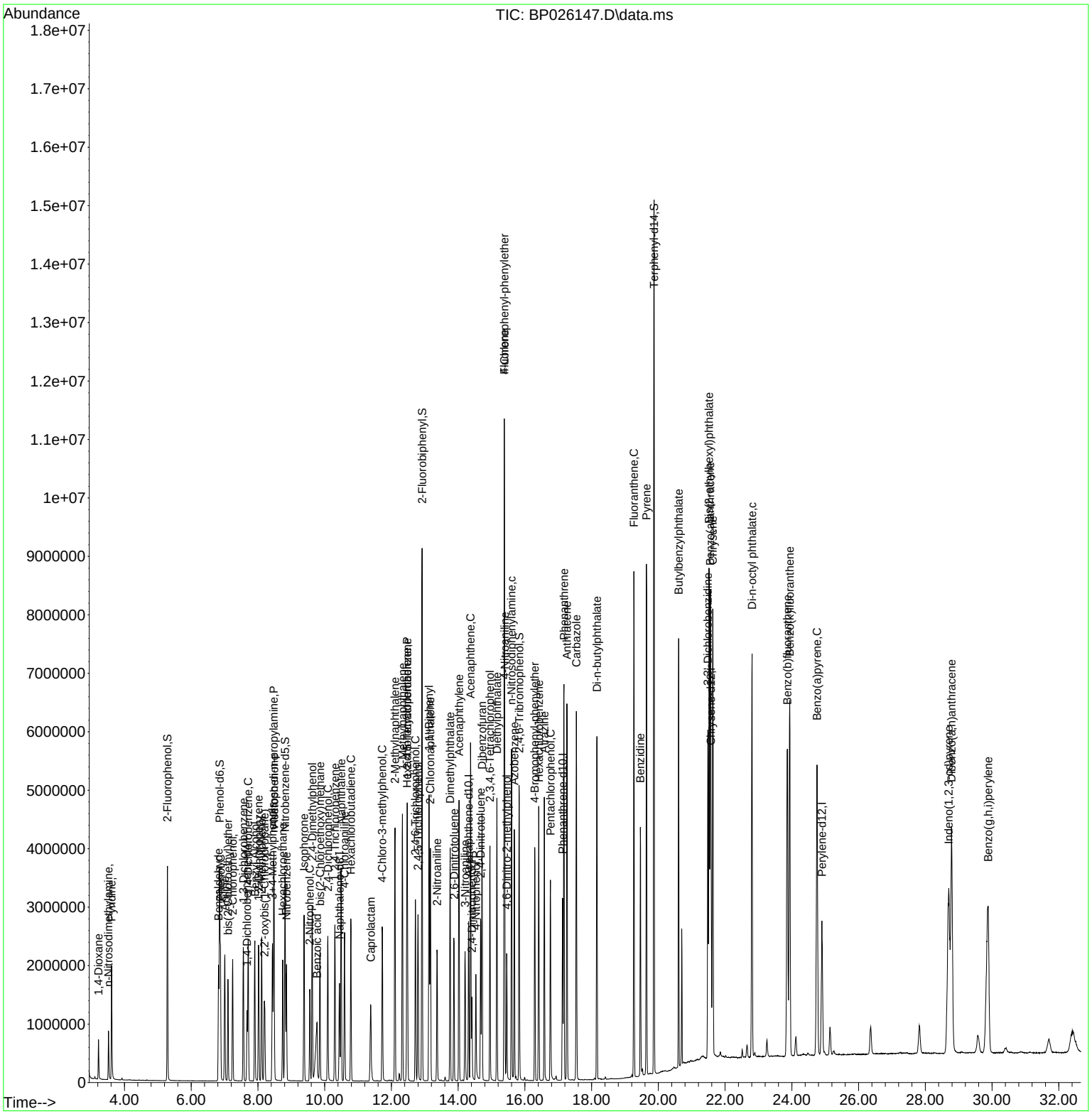
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

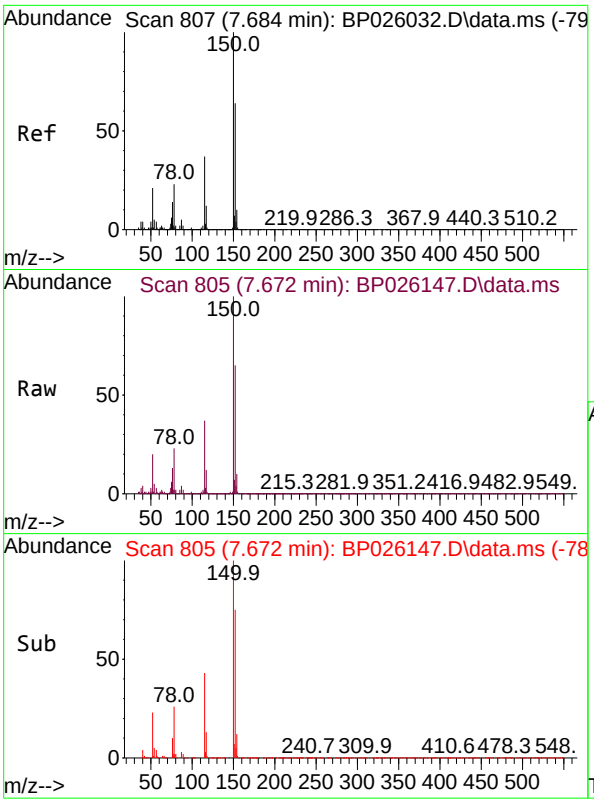
Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

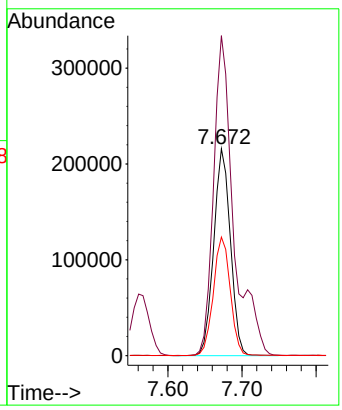





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:152 Resp: 33727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.7 | 123.0 | 184.6 |
| 115 | 57.3 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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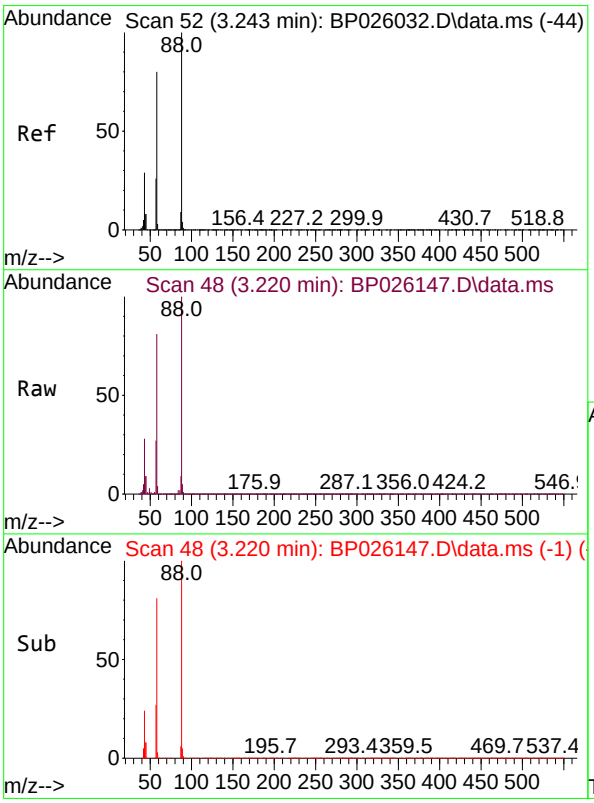
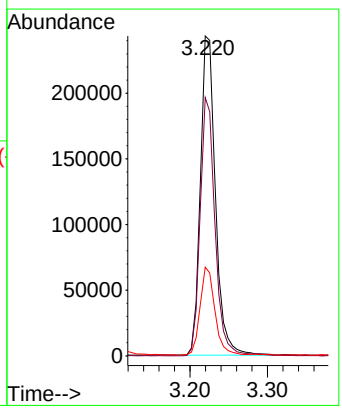
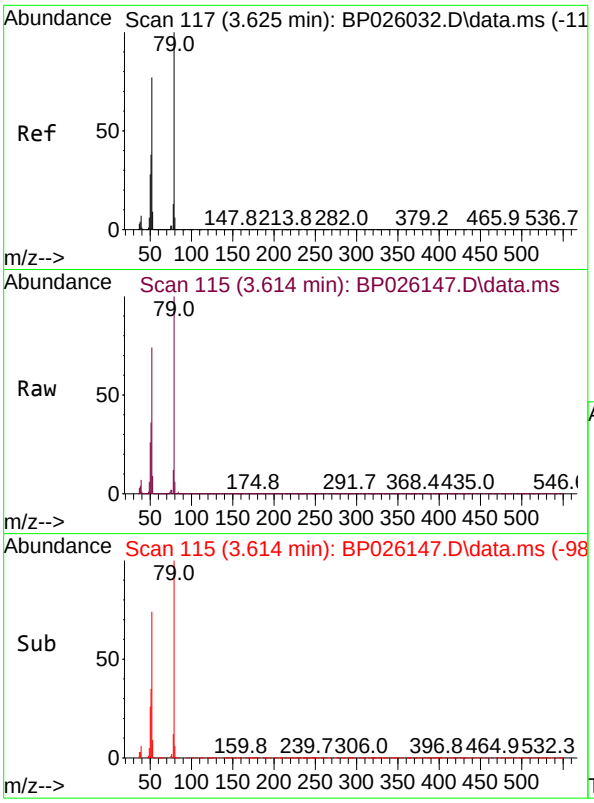



#2
1,4-Dioxane
Concen: 38.414 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 88 Resp: 328478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.0 | 64.2 | 96.4 |
| 43 | 26.9 | 21.5 | 32.3 |

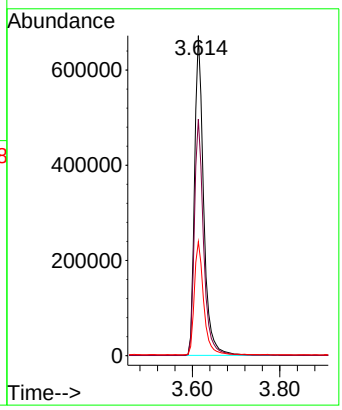





#3
Pyridine
Concen: 39.541 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 79 Resp: 97470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.9 | 60.2 | 90.2 |
| 51 | 35.6 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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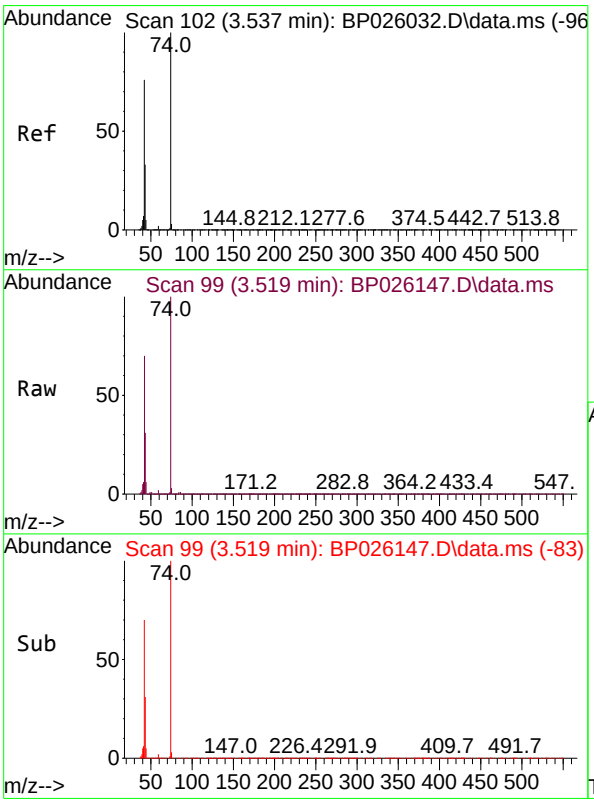
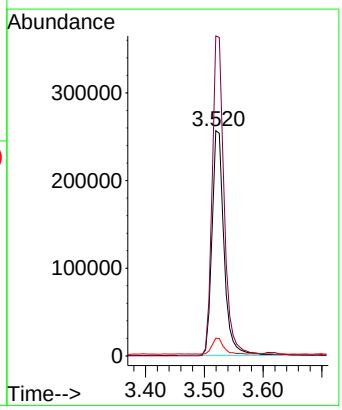
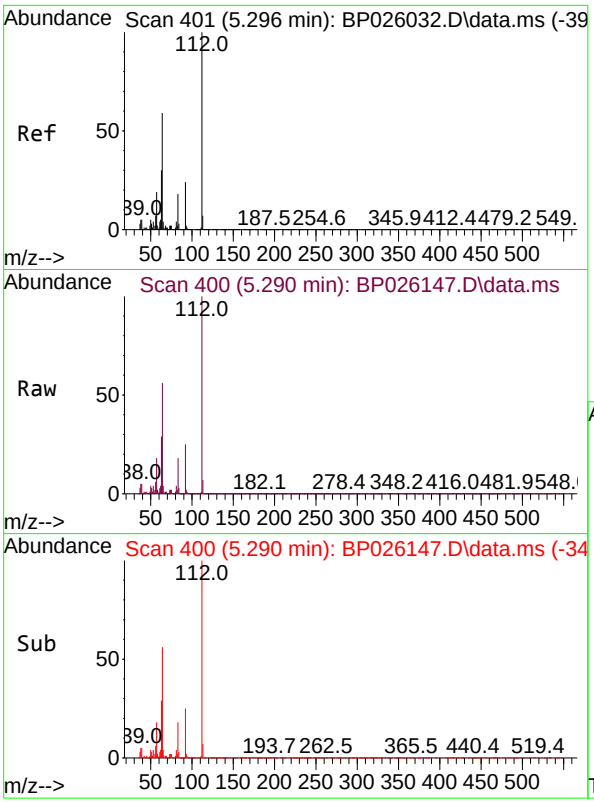



#4
n-Nitrosodimethylamine
Concen: 39.627 ng
RT: 3.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 42 Resp: 364054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.1 | 118.1 | 177.1 |
| 44 | 7.9 | 6.2 | 9.4 |

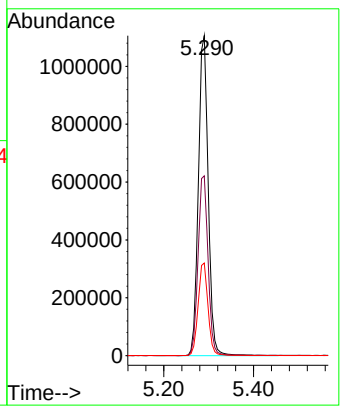





#5
2-Fluorophenol
Concen: 79.895 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:112 Resp: 167929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.2 | 45.8 | 68.6 |
| 63 | 29.0 | 23.5 | 35.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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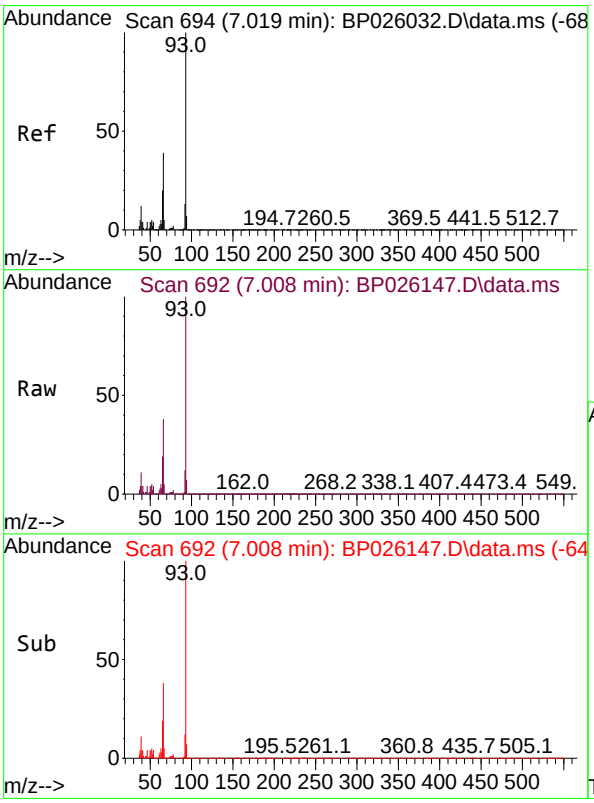
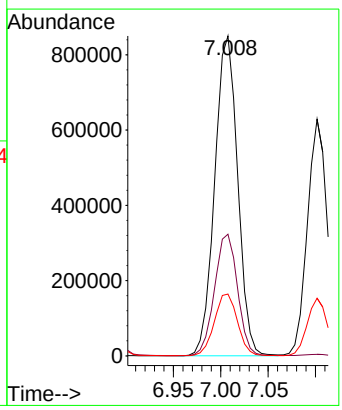
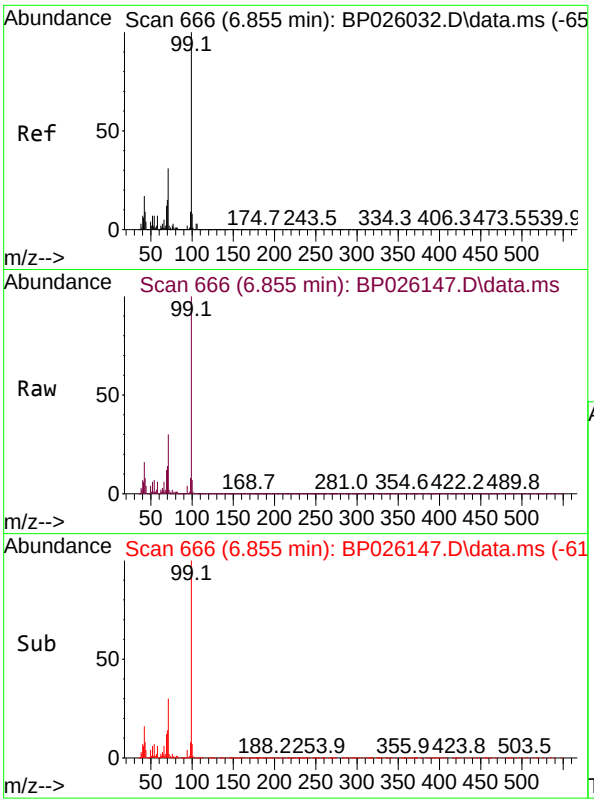



#6
Aniline
Concen: 40.575 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1431502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.0 | 31.7 | 47.5 |
| 65 | 19.3 | 15.8 | 23.6 |

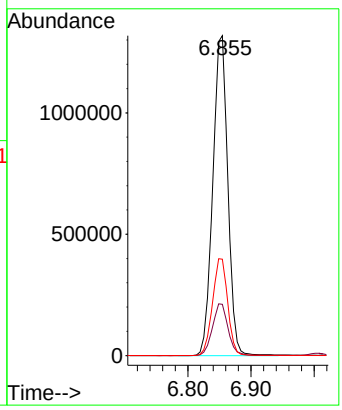





#7
Phenol-d6
Concen: 81.447 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 99 Resp: 218129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.9 | 19.3 |
| 71 | 30.1 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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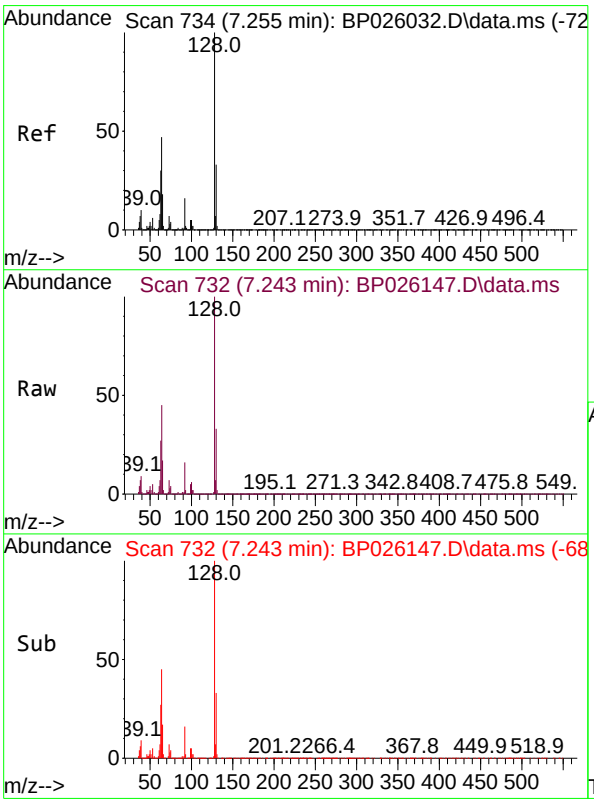
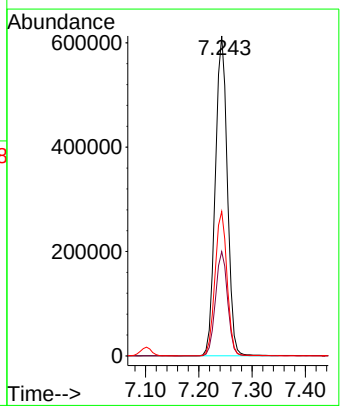
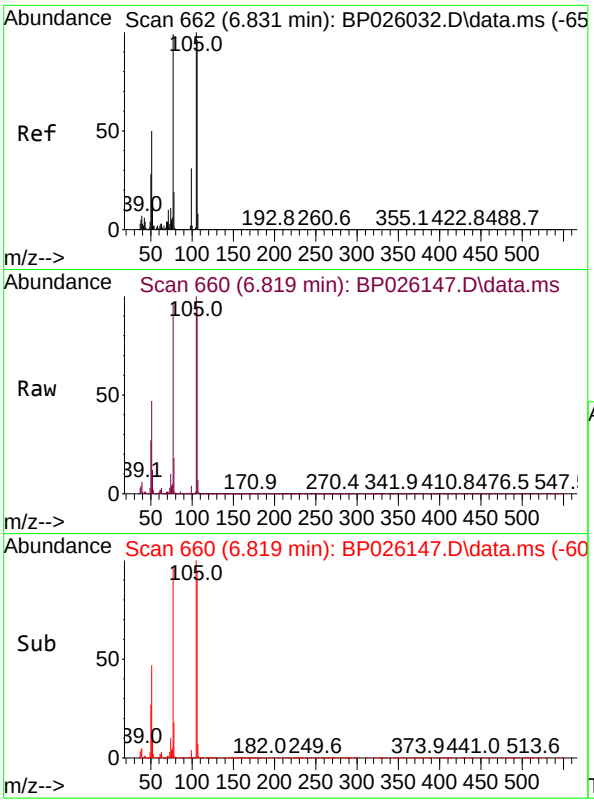



#8
2-Chlorophenol
Concen: 40.369 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:128 Resp: 964995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.4 | 52.4 |
| 64 | 45.2 | 23.9 | 63.9 |

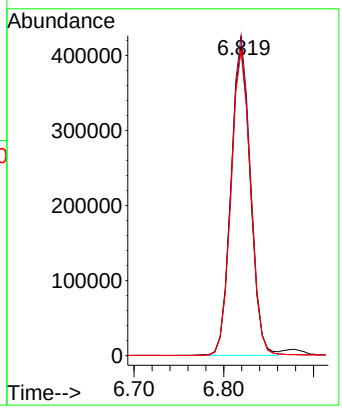





#9
Benzaldehyde
Concen: 53.939 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 62213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.6 | 82.9 | 122.9 |
| 106 | 98.6 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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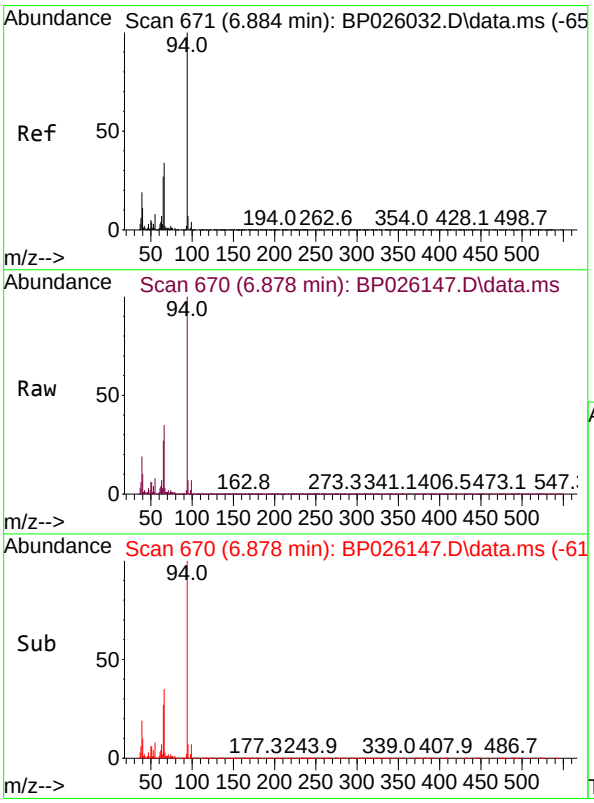
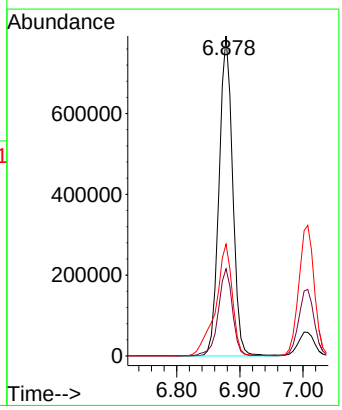
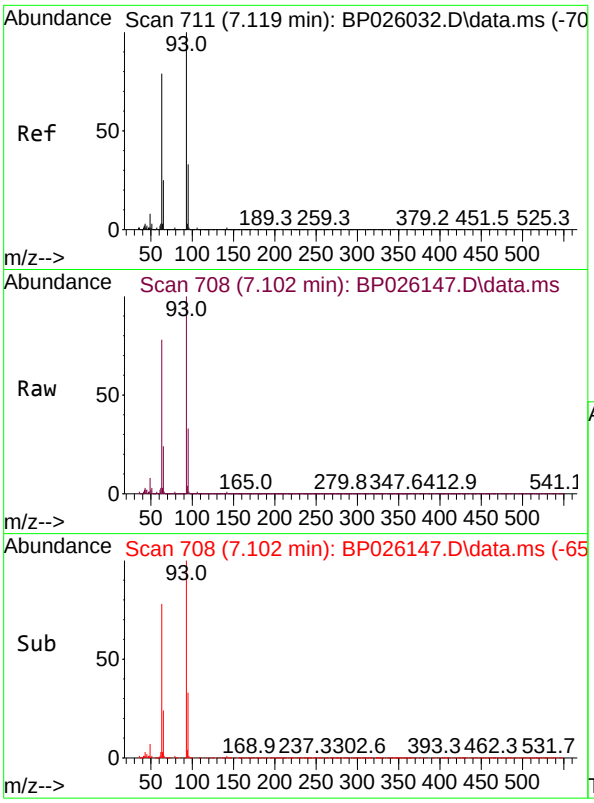



#10
Phenol
Concen: 40.869 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 94 Resp: 1177853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.2 | 7.0 | 47.0 |
| 66 | 34.9 | 14.5 | 54.5 |

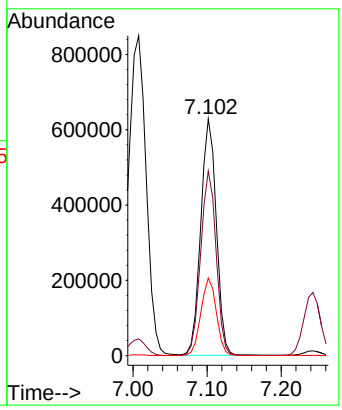





#11
bis(2-Chloroethyl)ether
Concen: 40.811 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 91777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 78.0 | 58.8 | 98.8 |
| 95 | 32.8 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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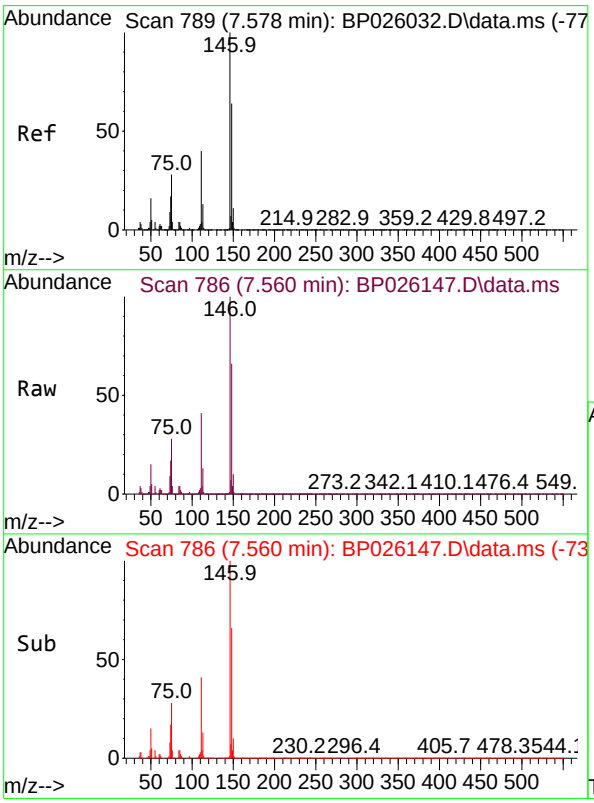
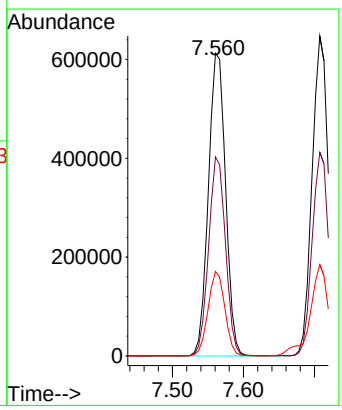
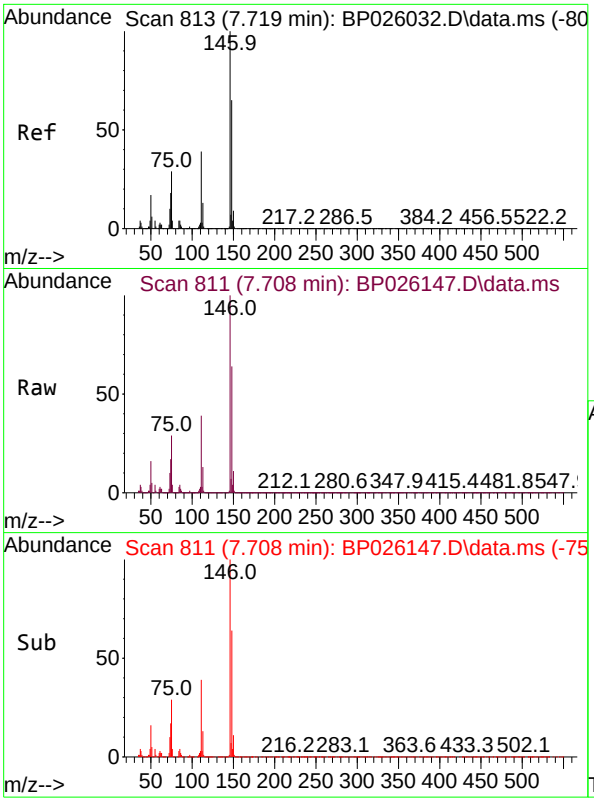



#12
1,3-Dichlorobenzene
Concen: 39.968 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:146 Resp: 1028799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 51.8 | 77.8 |
| 75 | 27.9 | 22.2 | 33.2 |






#13
1,4-Dichlorobenzene
Concen: 40.071 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:146 Resp: 103875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.4 | 77.2 |
| 111 | 39.4 | 31.7 | 47.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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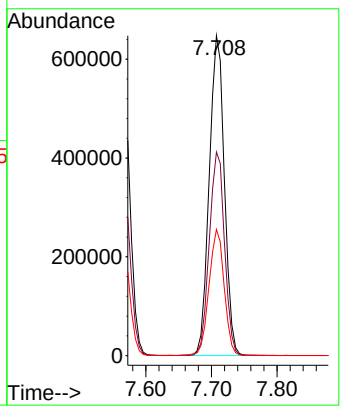
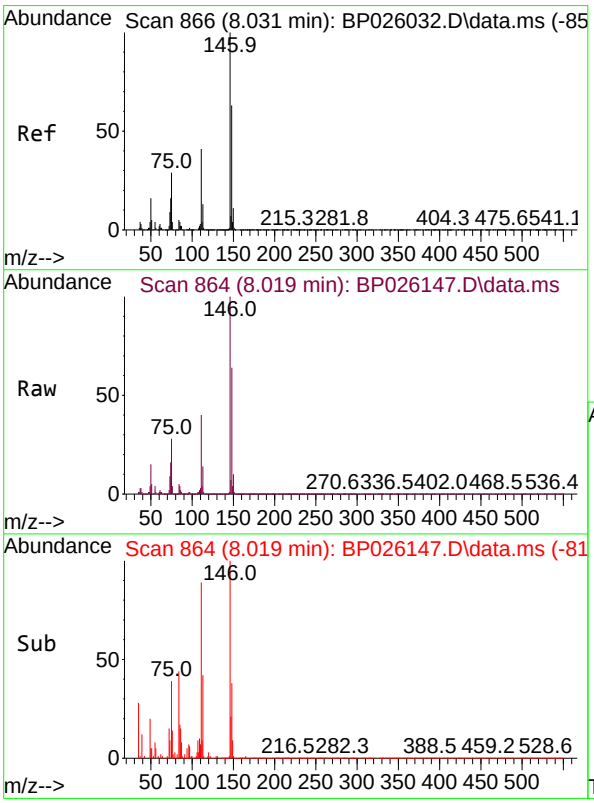
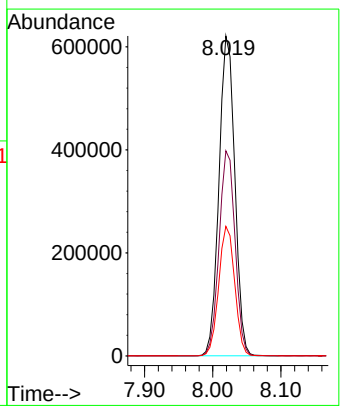


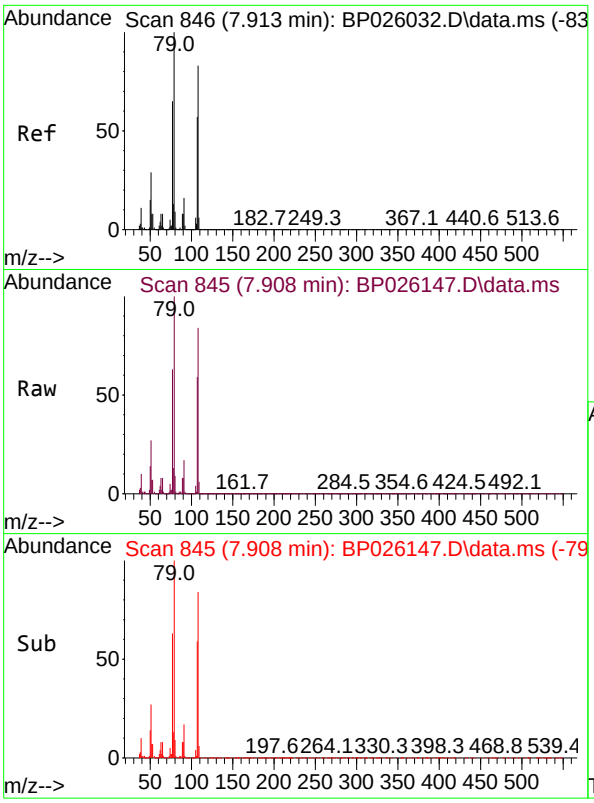




#14
1,2-Dichlorobenzene
Concen: 39.996 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:146 Resp: 997382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.0 | 76.6 |
| 111 | 40.5 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 40.874 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 79 Resp: 80097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.6 | 66.2 | 99.4 |
| 77 | 62.6 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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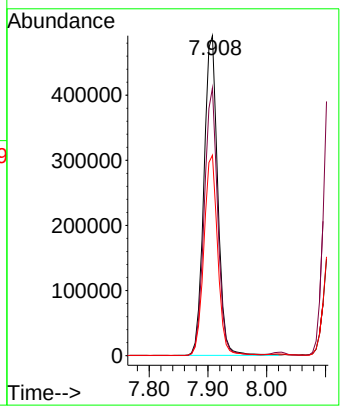
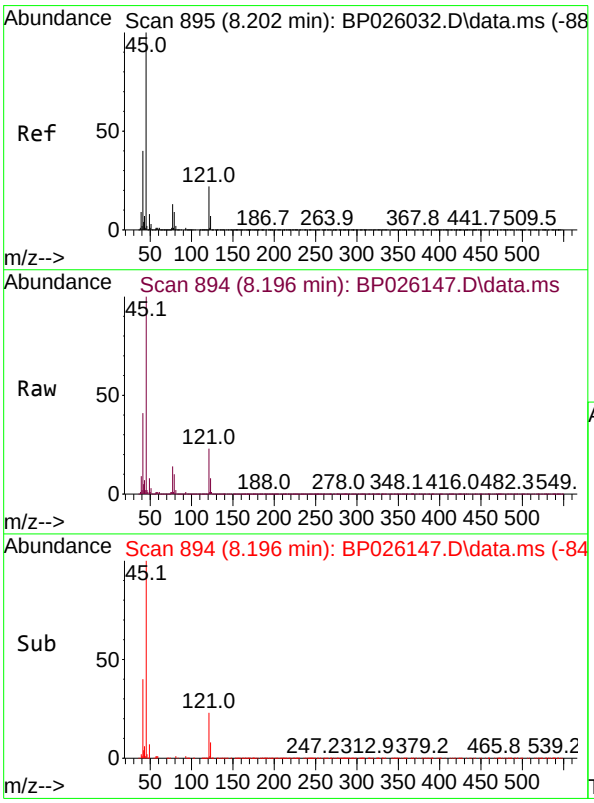
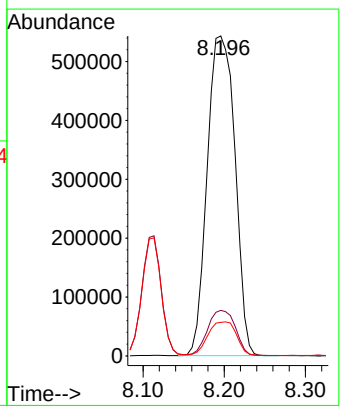


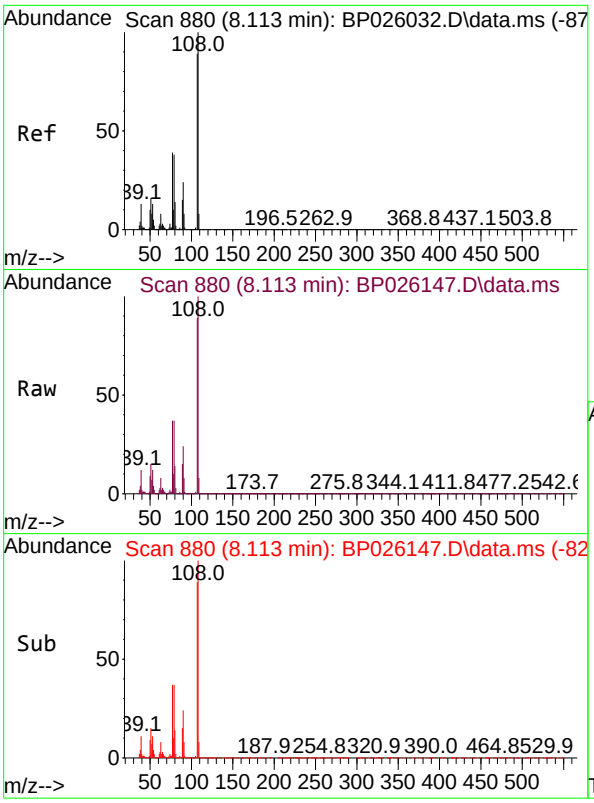




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.615 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 45 Resp: 1291371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.2 | 0.0 | 33.9 |
| 79 | 10.5 | 0.0 | 30.4 |

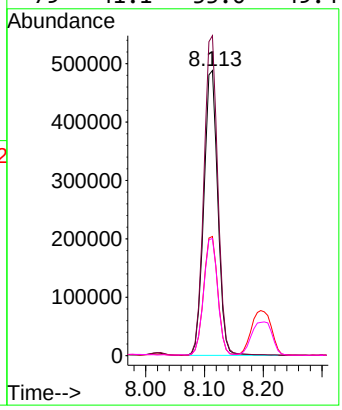





#17
2-Methylphenol
Concen: 41.076 ng
RT: 8.113 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 80624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.2 | 89.7 | 134.5 |
| 77 | 41.8 | 33.9 | 50.9 |
| 79 | 41.1 | 33.0 | 49.4 |




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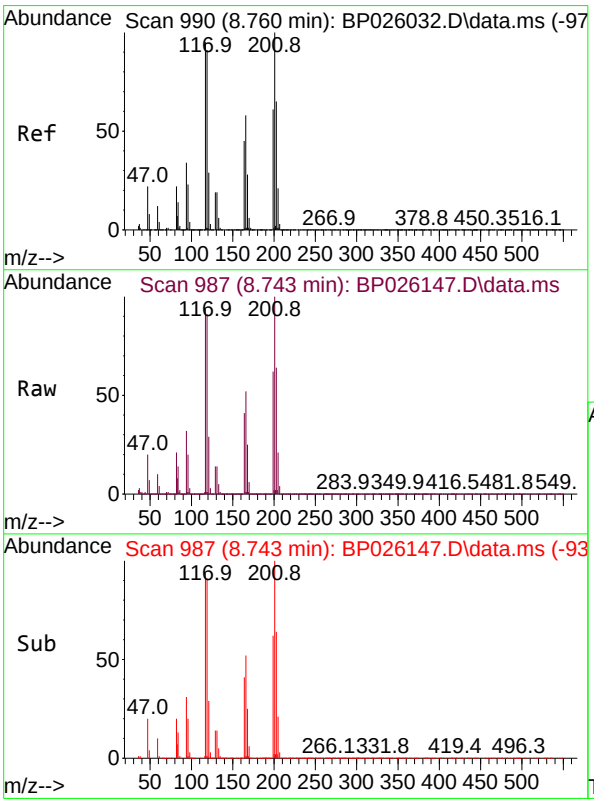
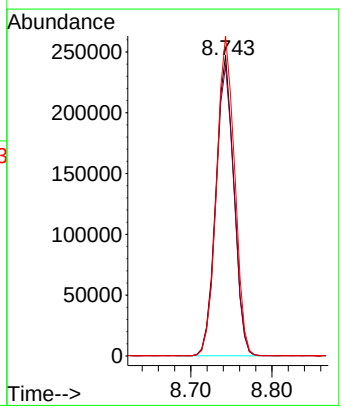
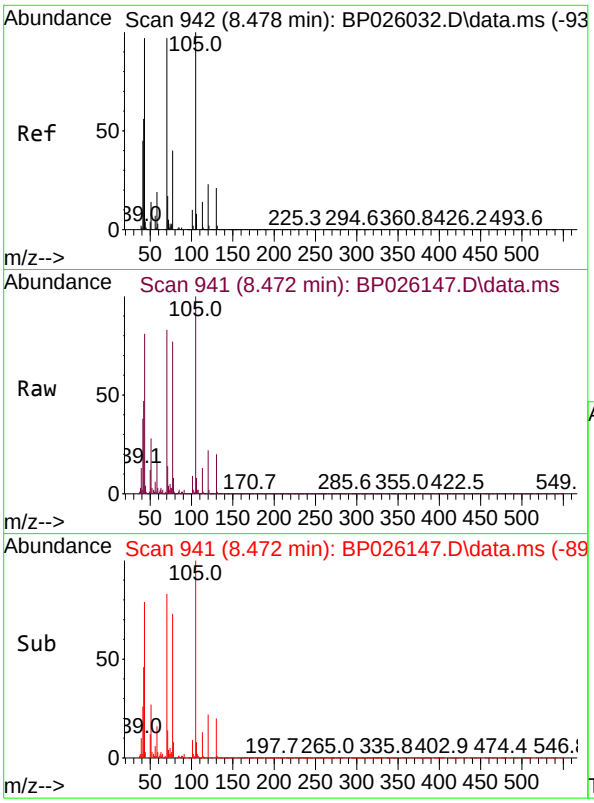



#18
Hexachloroethane
Concen: 40.305 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:117 Resp: 380794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 78.7 | 118.1 |
| 201 | 106.4 | 85.1 | 127.7 |

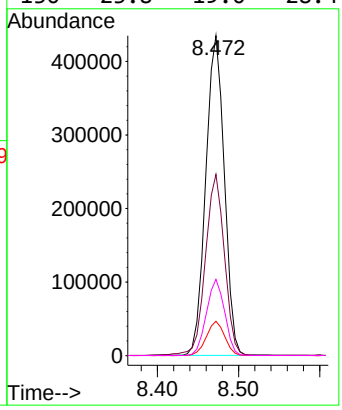





#19
n-Nitroso-di-n-propylamine
Concen: 41.414 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 70 Resp: 690711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.6 | 44.1 | 66.1 |
| 101 | 10.8 | 8.2 | 12.4 |
| 130 | 23.8 | 19.0 | 28.4 |

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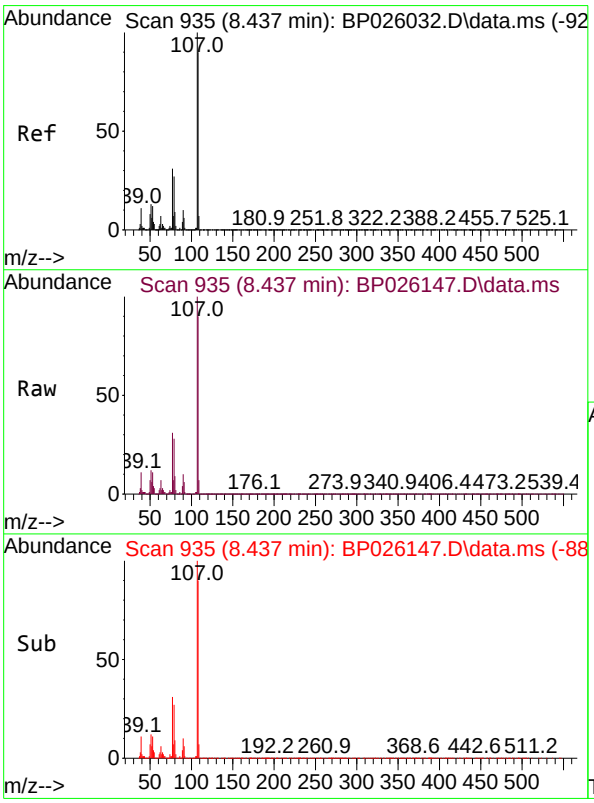
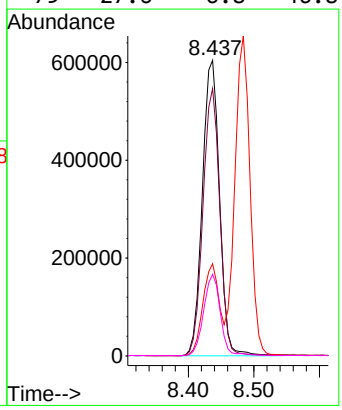
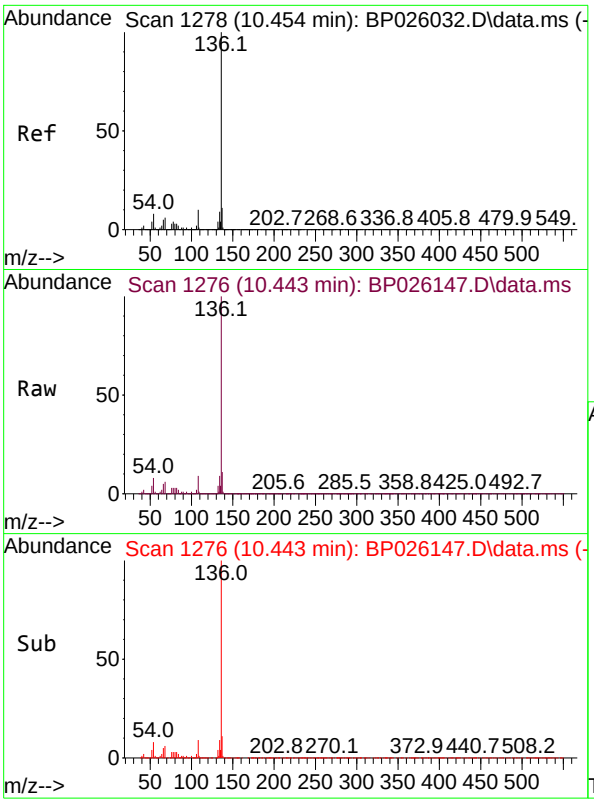



#20
3+4-Methylphenols
Concen: 40.127 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1095272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 68.9 | 108.9 |
| 77 | 31.1 | 10.4 | 50.4 |
| 79 | 27.6 | 6.8 | 46.8 |

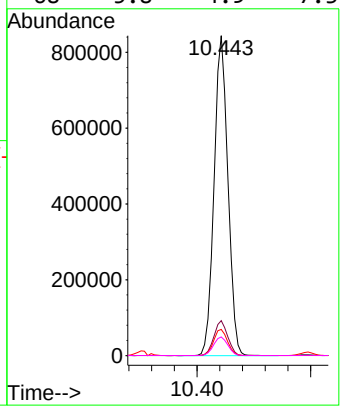





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:136 Resp: 142093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 8.2 | 6.4 | 9.6 |
| 68 | 5.8 | 4.9 | 7.3 |




**Instrument :**
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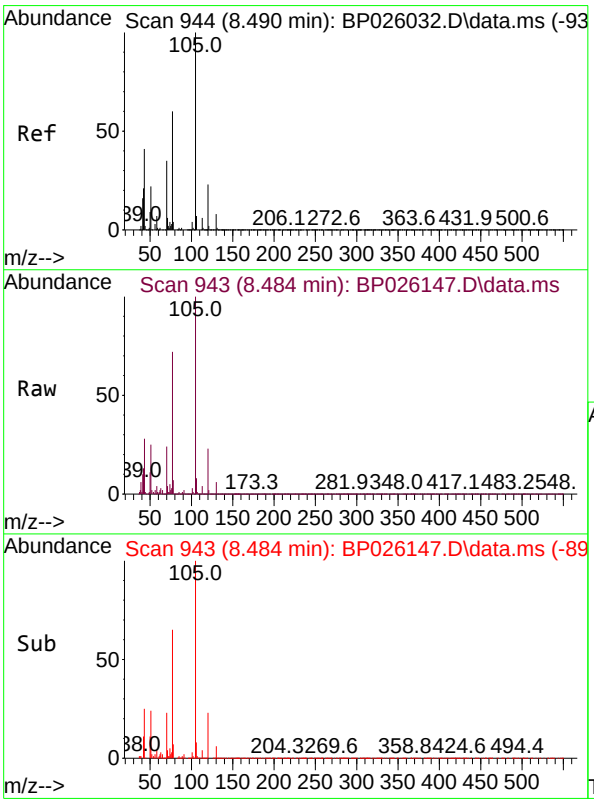
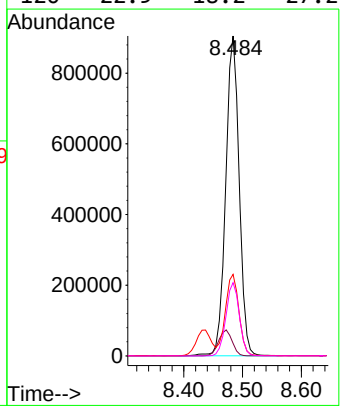
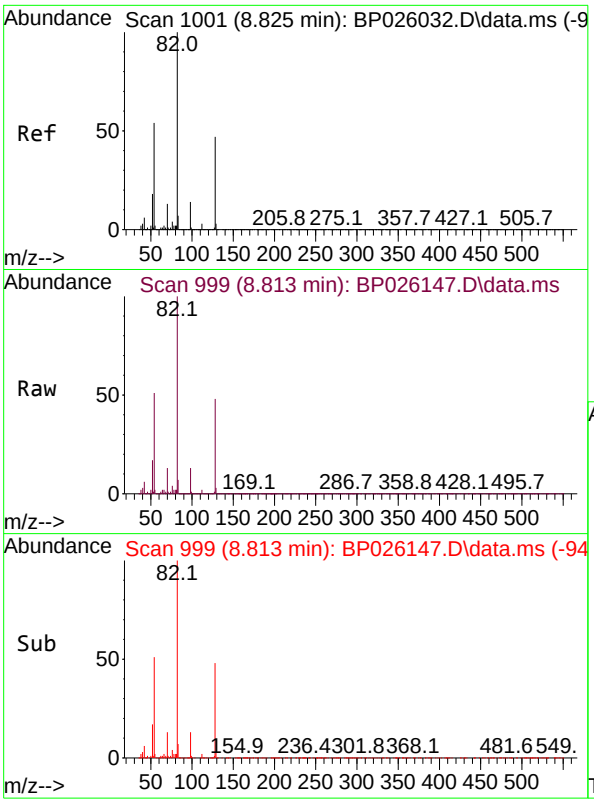



#22
Acetophenone
Concen: 39.828 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:105 Resp: 1439776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.9 | 3.0 | 4.4 |
| 51 | 25.5 | 20.5 | 30.7 |
| 120 | 22.9 | 18.2 | 27.2 |

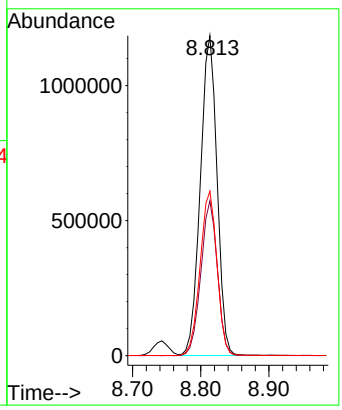





#23
Nitrobenzene-d5
Concen: 80.578 ng
RT: 8.813 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 82 Resp: 201889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.4 | 37.4 | 56.0 |
| 54 | 51.4 | 41.6 | 62.4 |

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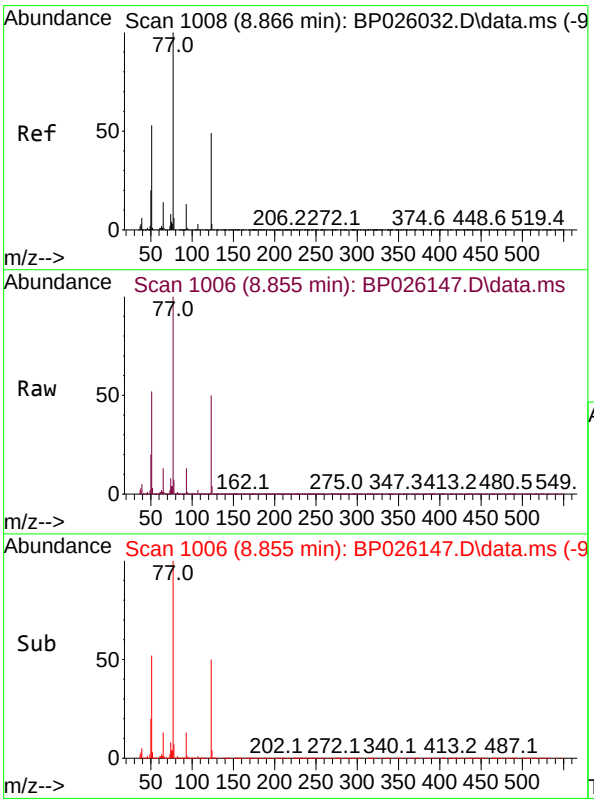
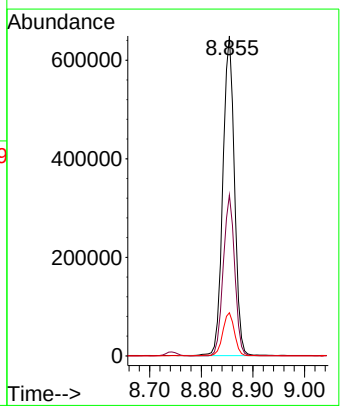
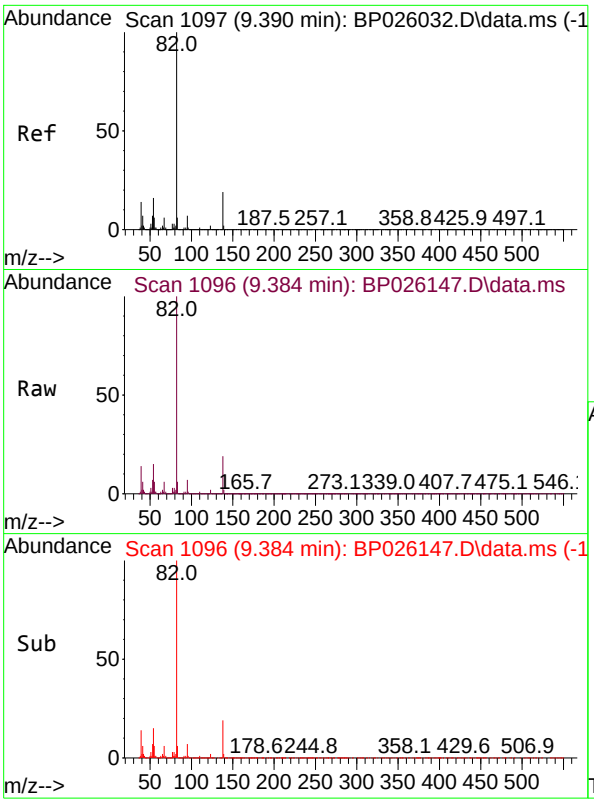



#24
Nitrobenzene
Concen: 40.240 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 1020382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.3 | 39.8 | 59.8 |
| 65 | 13.5 | 11.2 | 16.8 |

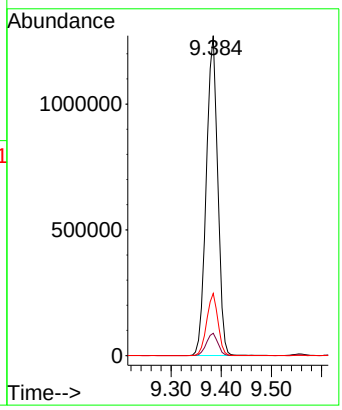





#25
Isophorone
Concen: 40.551 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 82 Resp: 201732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.4 | 8.0 |
| 138 | 19.4 | 15.4 | 23.0 |




**Instrument :**
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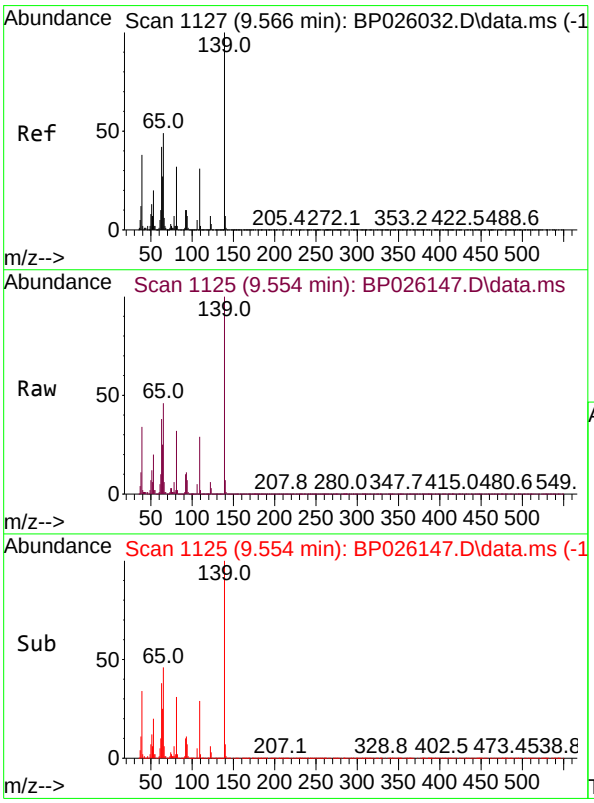
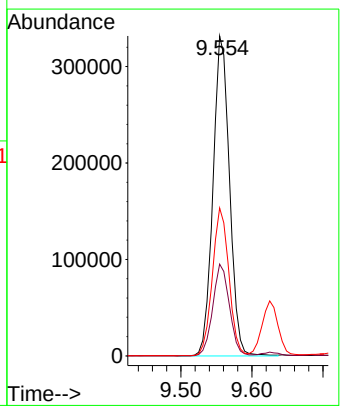
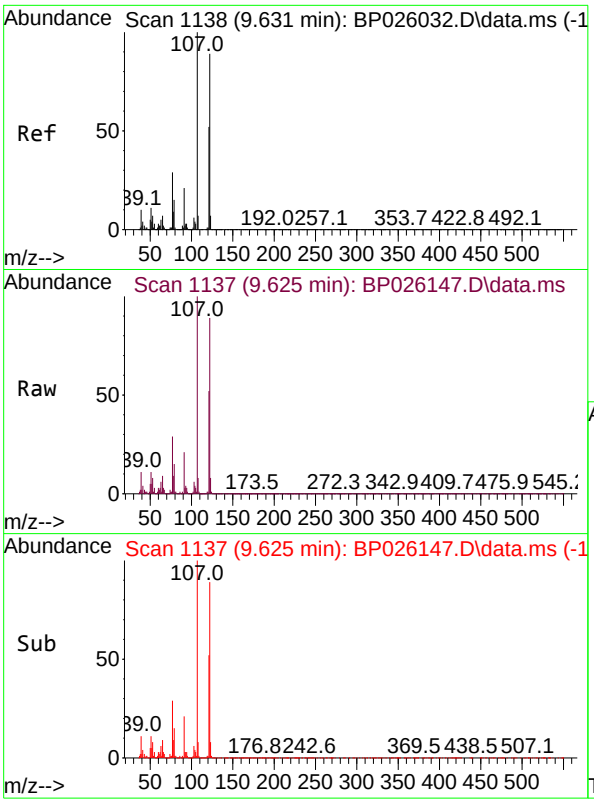



#26
2-Nitrophenol
Concen: 42.012 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:139 Resp: 537109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.7 | 22.3 | 33.5 |
| 65 | 46.2 | 37.2 | 55.8 |

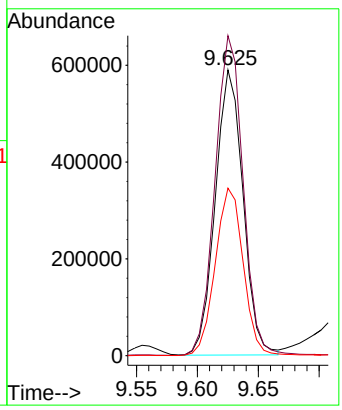





#27
2,4-Dimethylphenol
Concen: 40.271 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:122 Resp: 93272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.0 | 91.0 | 136.6 |
| 121 | 58.6 | 47.0 | 70.6 |

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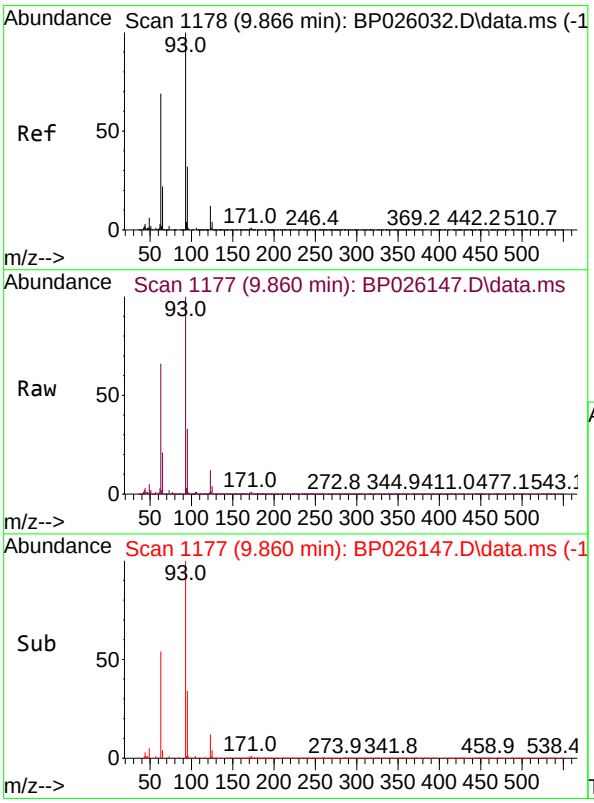
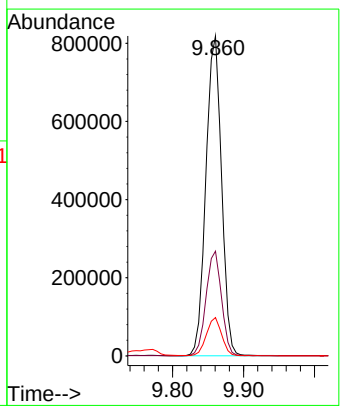
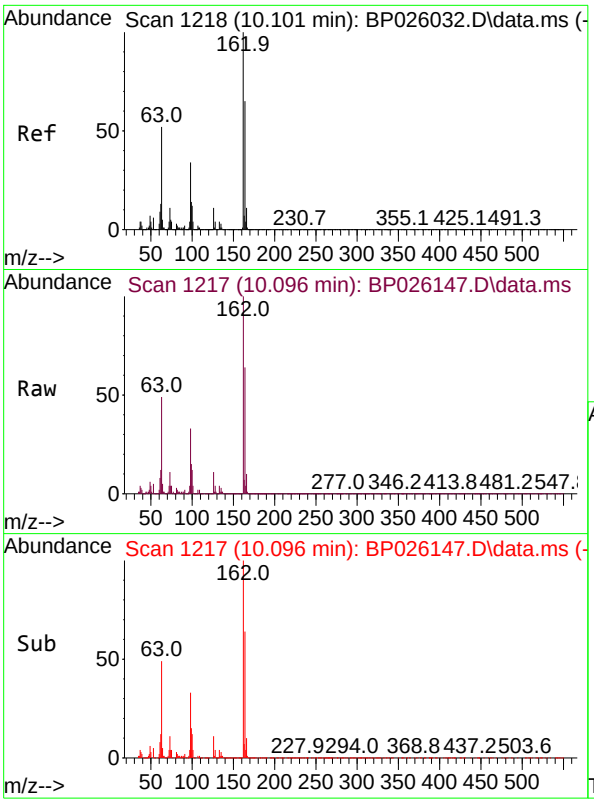



#28
bis(2-Chloroethoxy)methane
Concen: 40.045 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1247327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.4 | 39.6 |
| 123 | 12.0 | 9.4 | 14.0 |






#29
2,4-Dichlorophenol
Concen: 40.740 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:162 Resp: 94012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 43.8 | 83.8 |
| 98 | 33.4 | 14.1 | 54.1 |

**Instrument :**
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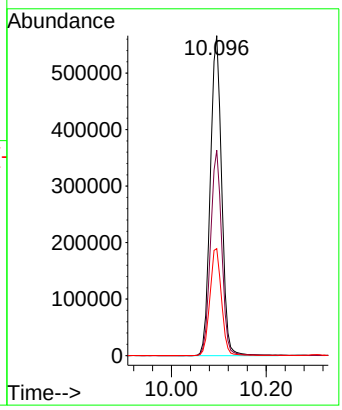
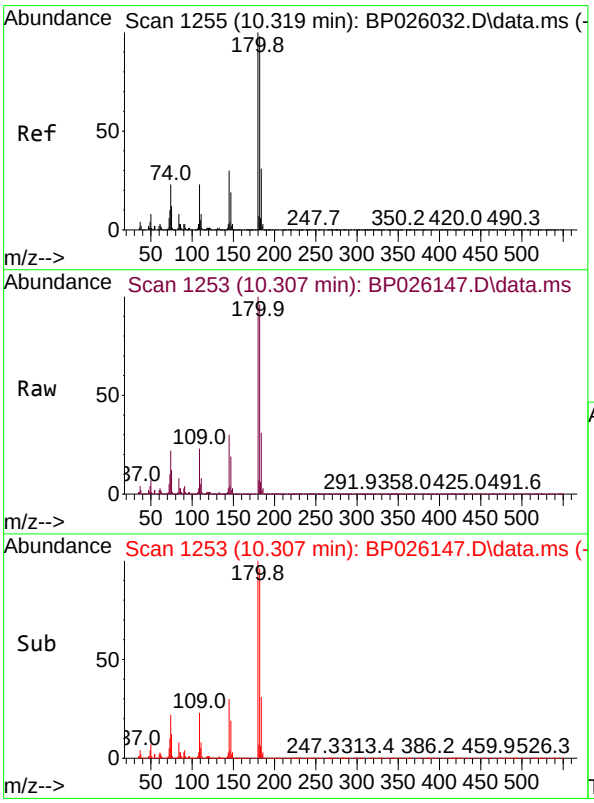
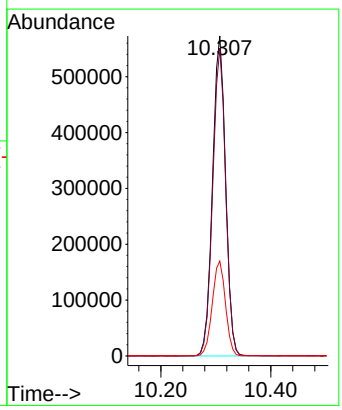


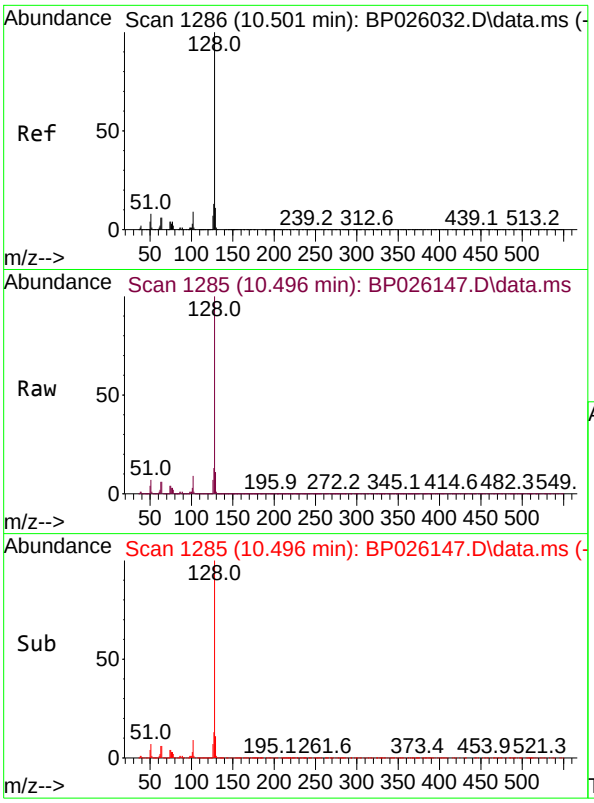




#30
1,2,4-Trichlorobenzene
Concen: 39.912 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:180 Resp: 938571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 78.1 | 117.1 |
| 145 | 29.6 | 24.2 | 36.4 |

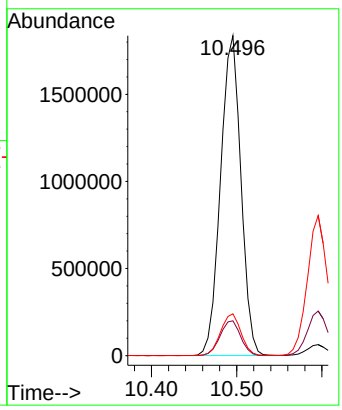





#31
Naphthalene
Concen: 39.513 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:128 Resp: 304867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |

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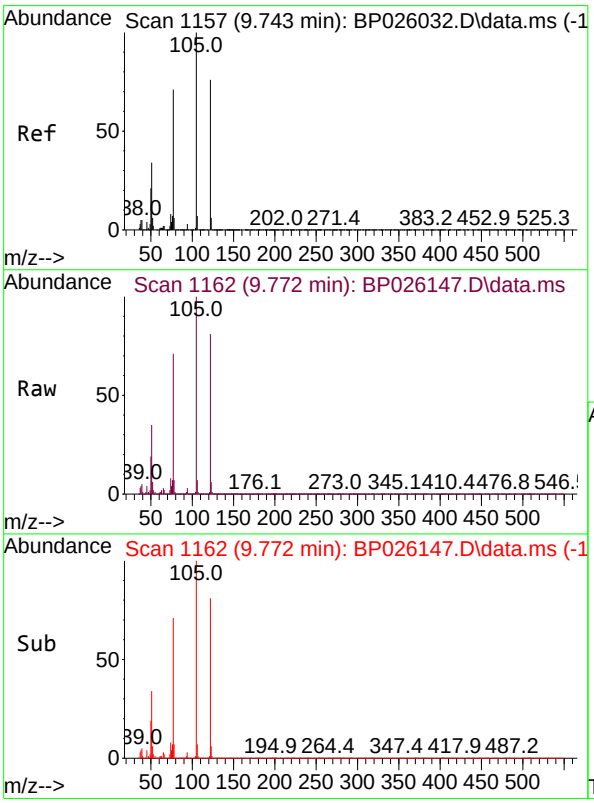
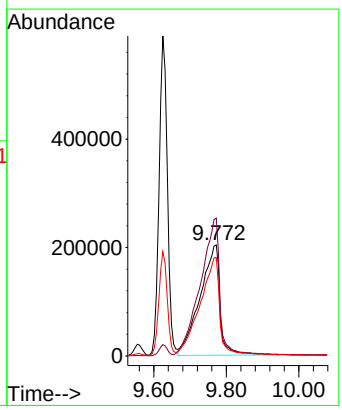
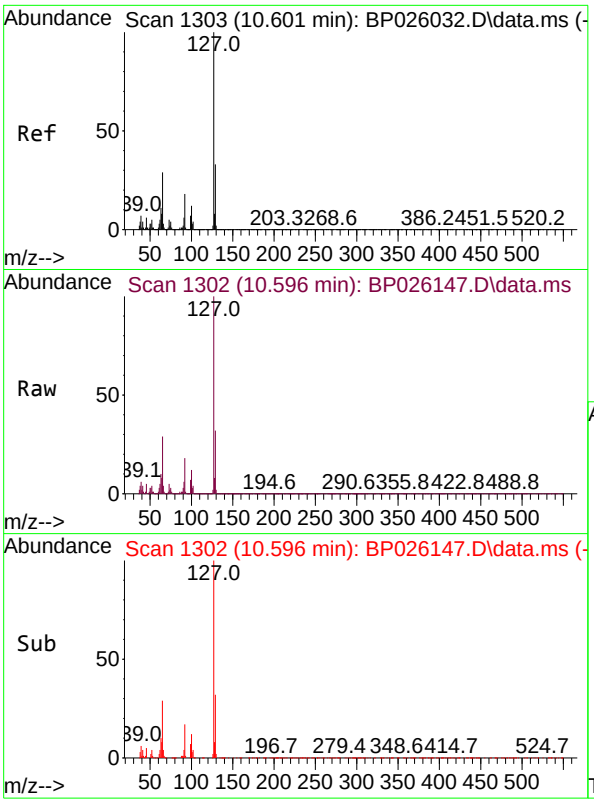



#32
Benzoic acid
Concen: 42.116 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:122 Resp: 784823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.0 | 100.1 | 140.1 |
| 77 | 88.5 | 66.7 | 106.7 |

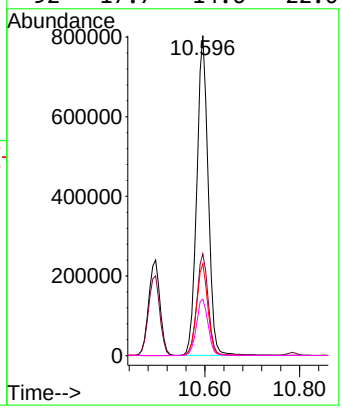





#33
4-Chloroaniline
Concen: 40.923 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:127 Resp: 134027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 25.8 | 38.8 |
| 65 | 28.7 | 22.7 | 34.1 |
| 92 | 17.7 | 14.6 | 22.0 |

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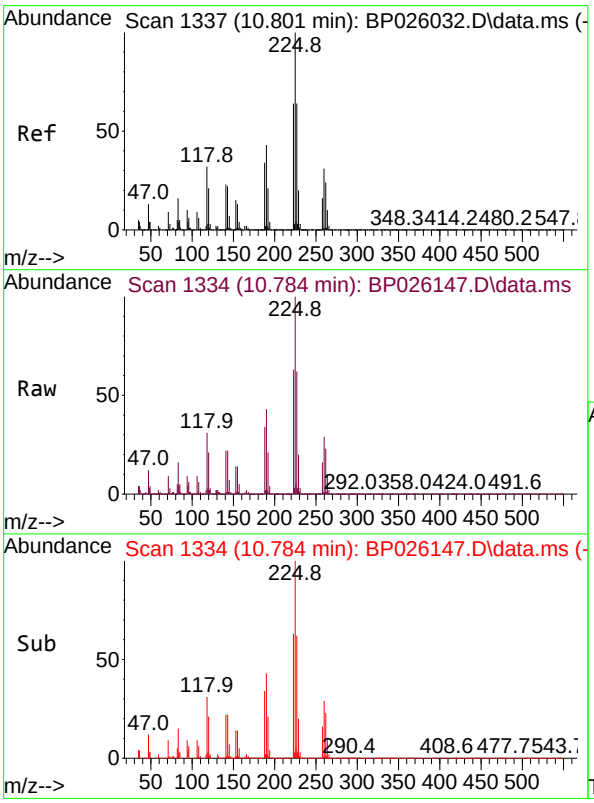
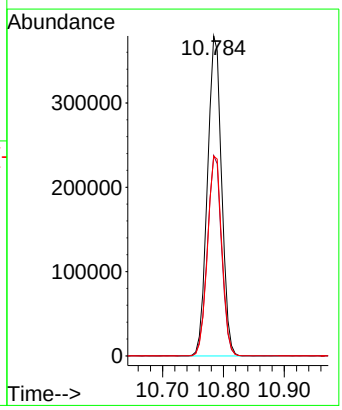
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

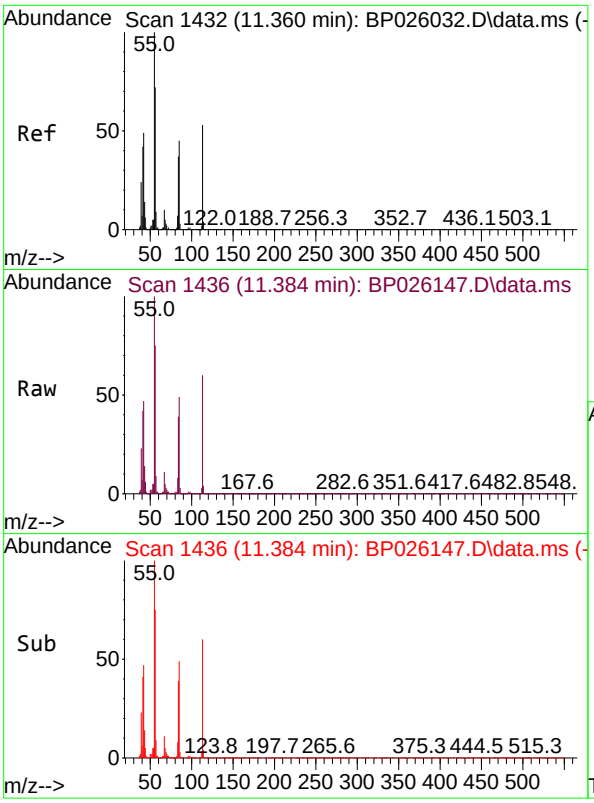



#34
Hexachlorobutadiene
Concen: 39.893 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:225 Resp: 610384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 49.6 | 74.4 |
| 227 | 62.4 | 51.2 | 76.8 |

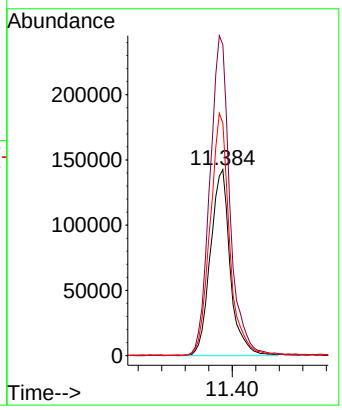





#35
Caprolactam
Concen: 40.168 ng
RT: 11.384 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:113 Resp: 33378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 167.2 | 153.0 | 193.0 |
| 56 | 125.0 | 106.4 | 146.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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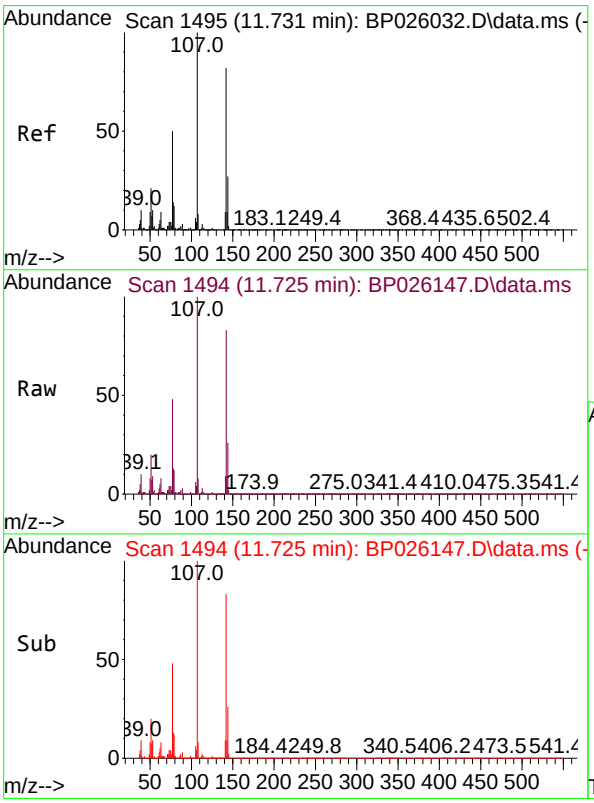
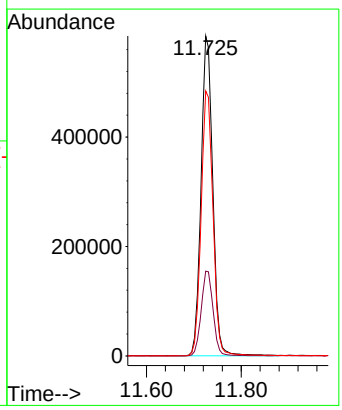
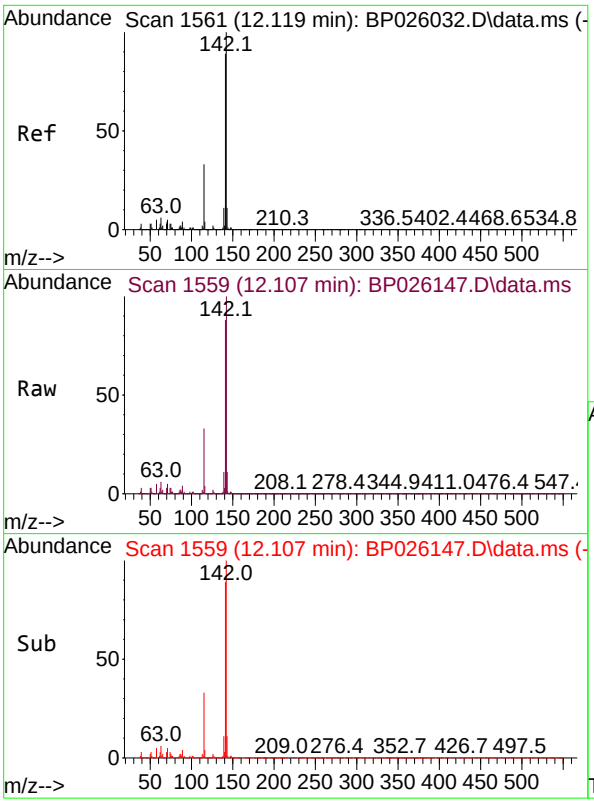



#36
4-Chloro-3-methylphenol
Concen: 40.975 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1006010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 21.6 | 32.4 |
| 142 | 82.8 | 65.6 | 98.4 |

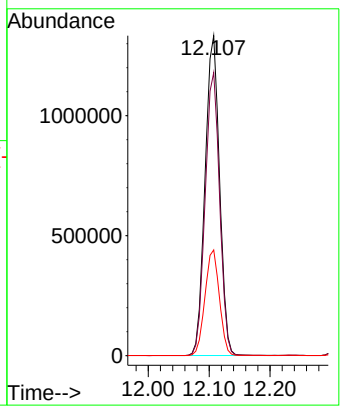





#37
2-Methylnaphthalene
Concen: 40.223 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:142 Resp: 219665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.0 | 106.6 |
| 115 | 33.0 | 26.6 | 39.8 |




**Instrument :**
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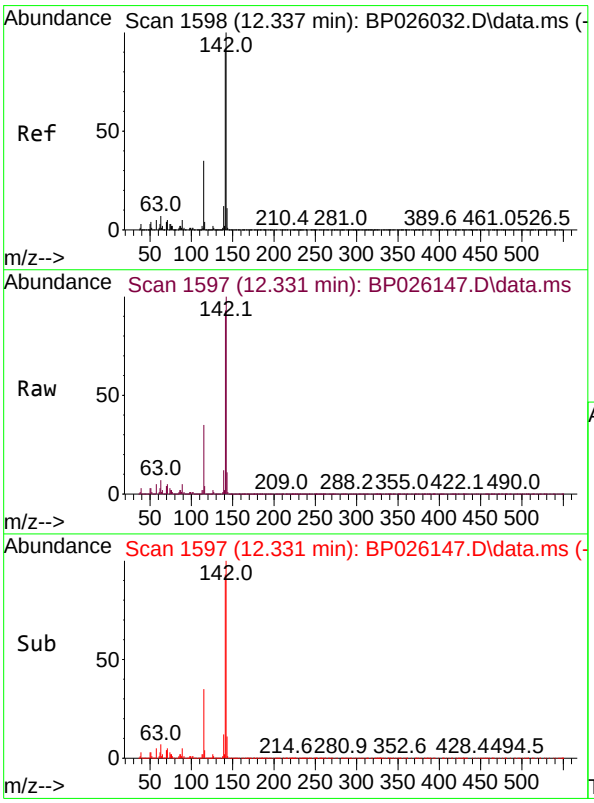
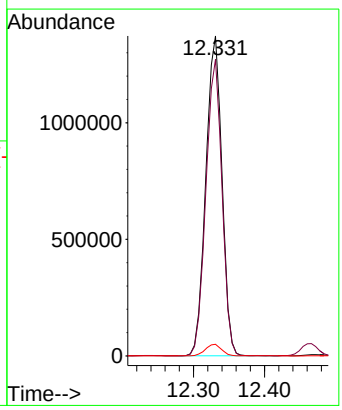
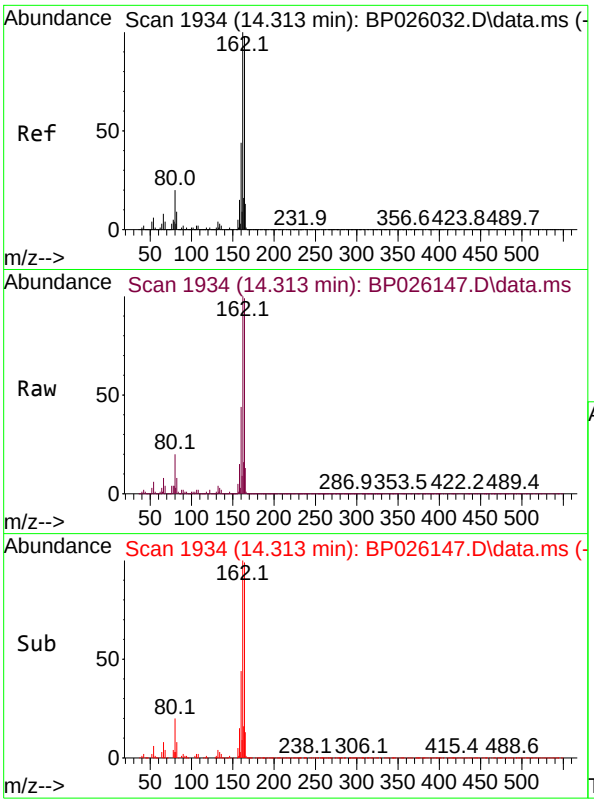



#38
1-Methylnaphthalene
Concen: 40.554 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:142 Resp: 2167022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.7 | 73.5 | 110.3 |
| 116 | 3.6 | 3.0 | 4.4 |






#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:164 Resp: 933300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 80.3 | 120.5 |
| 160 | 43.9 | 35.2 | 52.8 |

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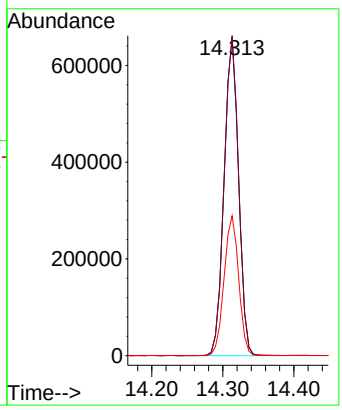
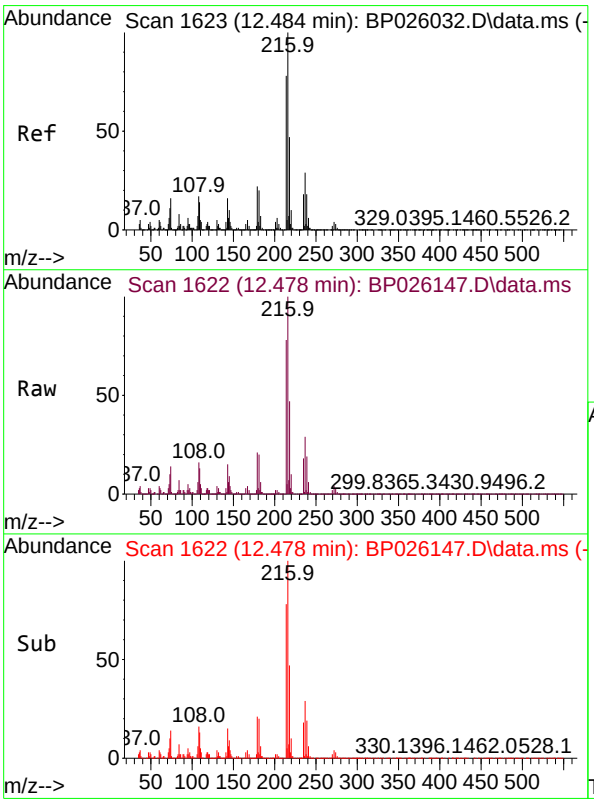
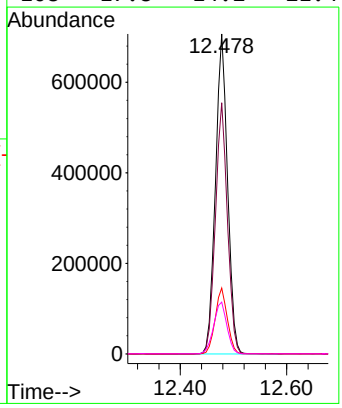


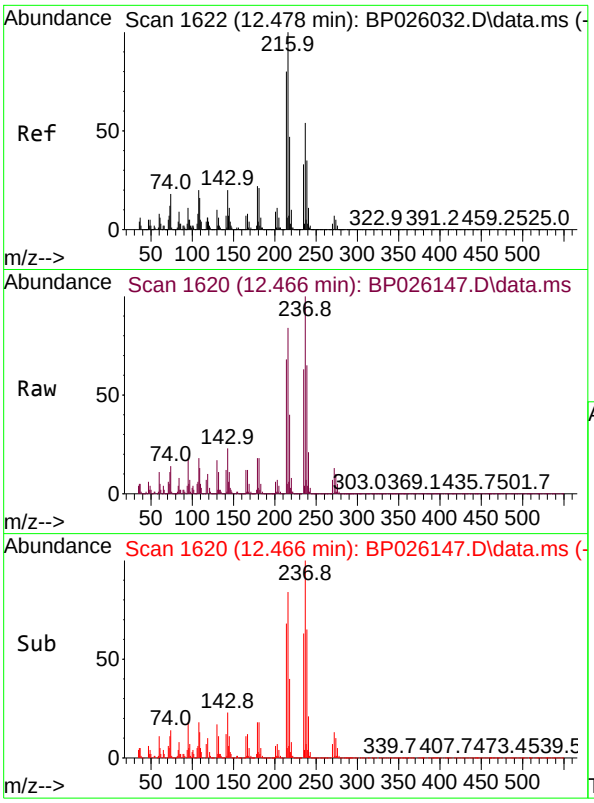




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.601 ng
RT: 12.478 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:216 Resp: 1113781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.1 | 62.6 | 94.0 |
| 179 | 20.6 | 16.6 | 25.0 |
| 108 | 17.8 | 14.2 | 21.4 |

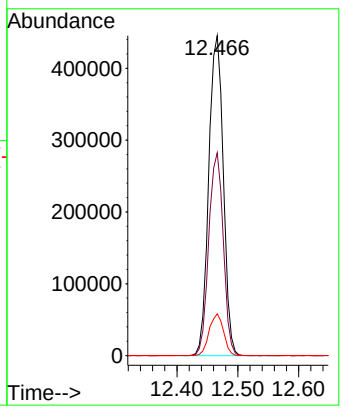





#41
Hexachlorocyclopentadiene
Concen: 40.264 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:237 Resp: 73912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.3 | 83.3 |
| 272 | 13.1 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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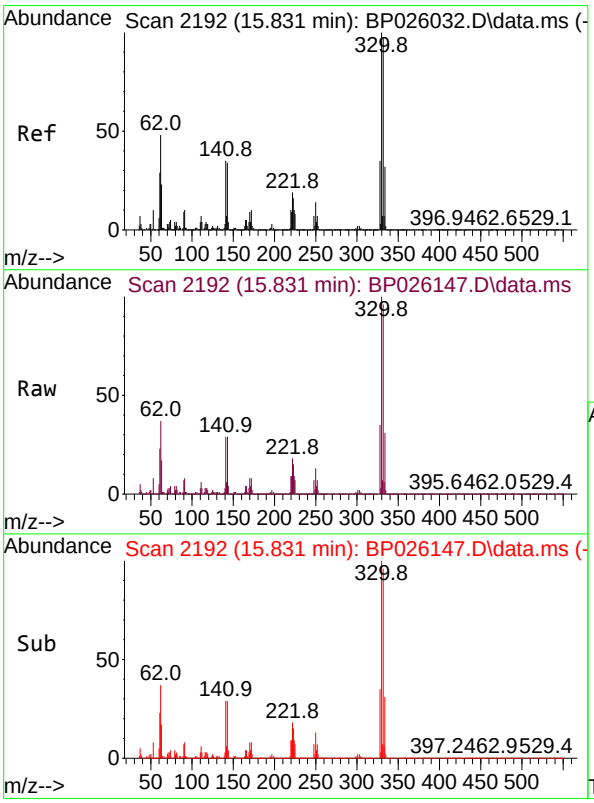
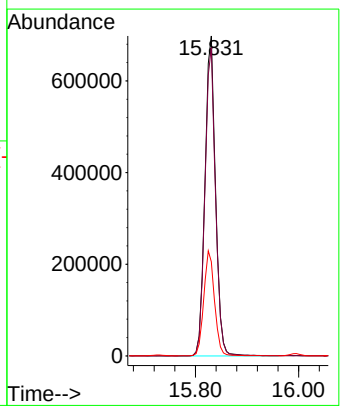
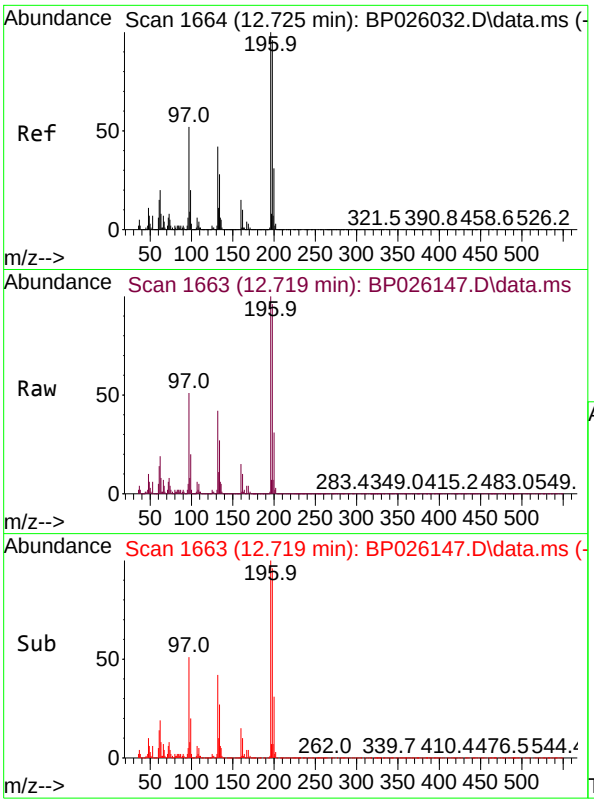



#42
2,4,6-Tribromophenol
Concen: 81.498 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:330 Resp: 985641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 78.0 | 117.0 |
| 141 | 33.5 | 26.8 | 40.2 |

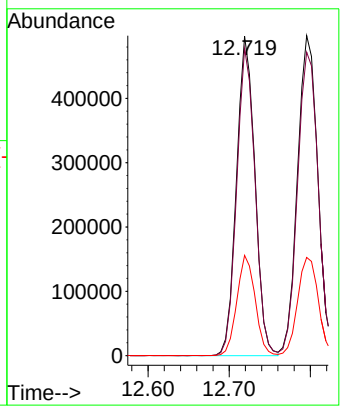





#43
2,4,6-Trichlorophenol
Concen: 40.484 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:196 Resp: 78354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 76.9 | 115.3 |
| 200 | 31.4 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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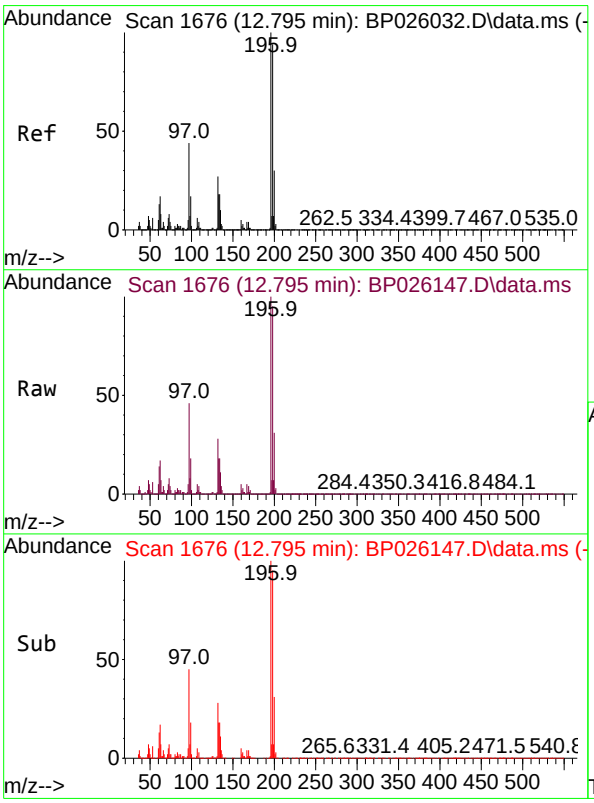
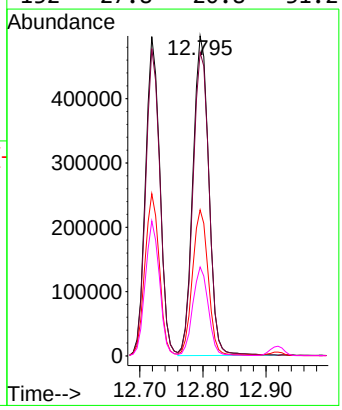
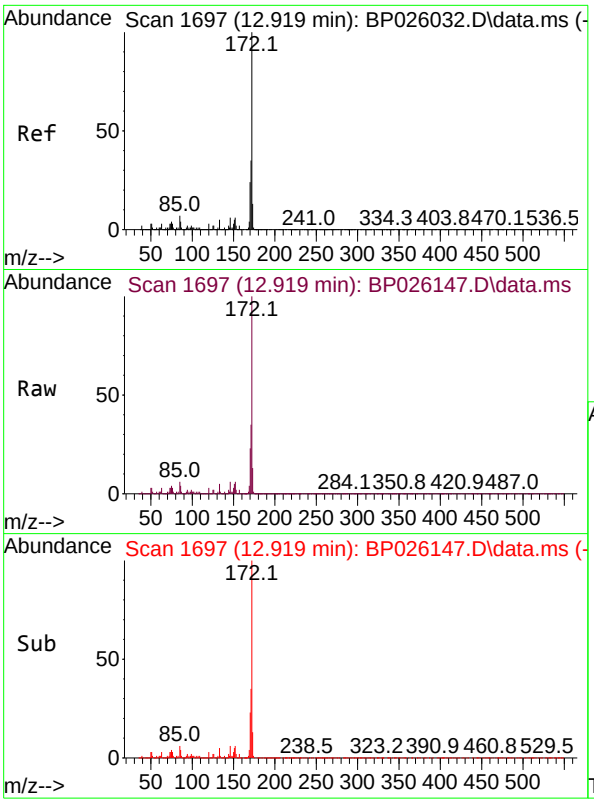



#44
2,4,5-Trichlorophenol
Concen: 40.362 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:196 Resp: 871078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 76.4 | 114.6 |
| 97 | 45.6 | 35.7 | 53.5 |
| 132 | 27.8 | 20.8 | 31.2 |

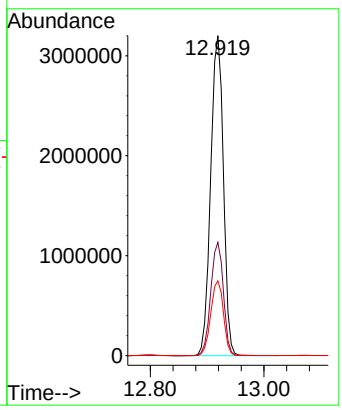





#45
2-Fluorobiphenyl
Concen: 78.020 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:172 Resp: 499115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.2 | 42.4 |
| 170 | 23.4 | 18.7 | 28.1 |




**Instrument :**
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**ClientSampleId :**
SSTDICCC040

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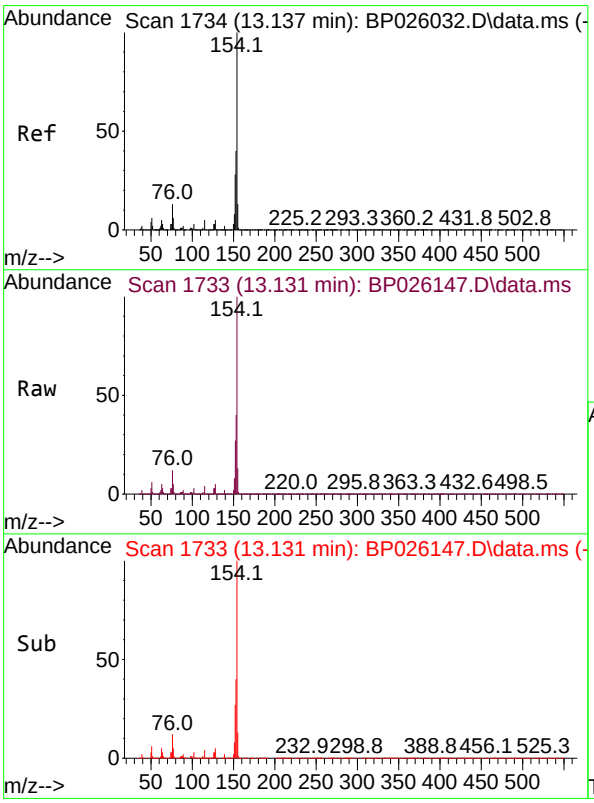
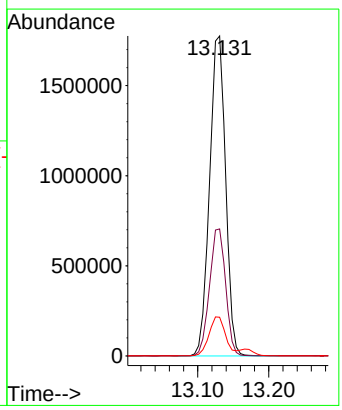
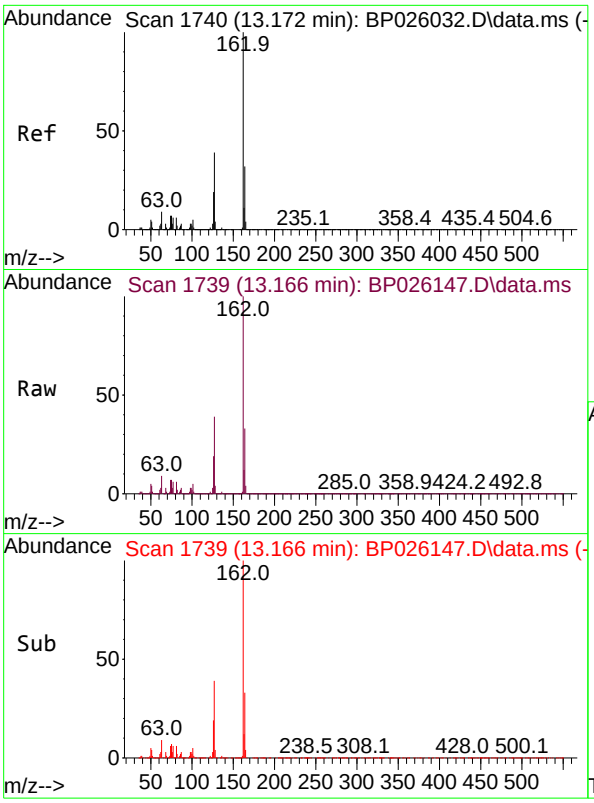



#46
1,1'-Biphenyl
Concen: 39.689 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2780286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.7 | 20.3 | 60.3 |
| 76 | 12.1 | 0.0 | 32.3 |

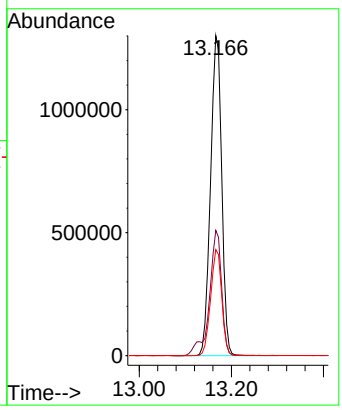





#47
2-Chloronaphthalene
Concen: 39.633 ng
RT: 13.166 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:162 Resp: 218273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.1 | 30.9 | 46.3 |
| 164 | 33.1 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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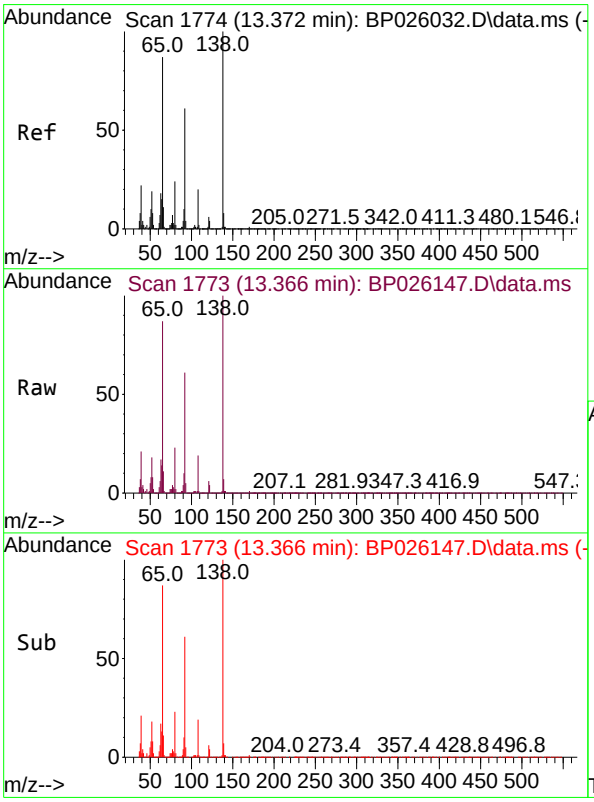
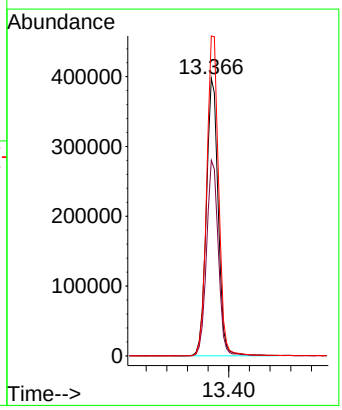
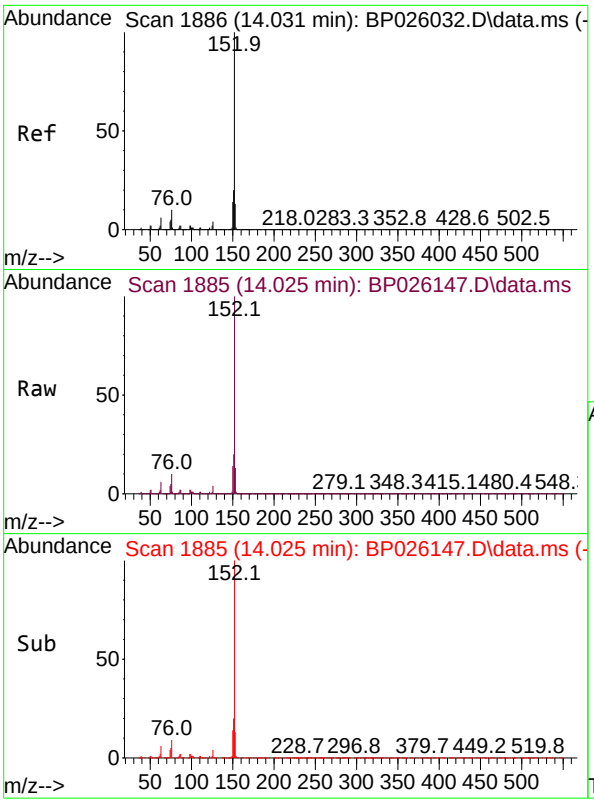



#48
2-Nitroaniline
Concen: 41.000 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 65 Resp: 630592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.5 | 59.1 | 88.7 |
| 138 | 115.3 | 96.6 | 145.0 |

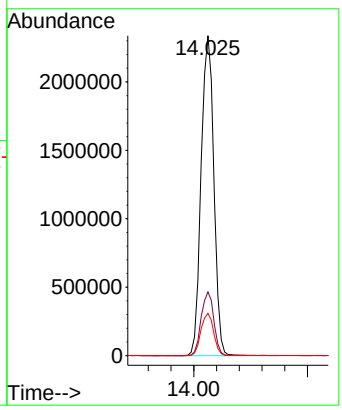





#49
Acenaphthylene
Concen: 39.879 ng
RT: 14.025 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:152 Resp: 363384

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




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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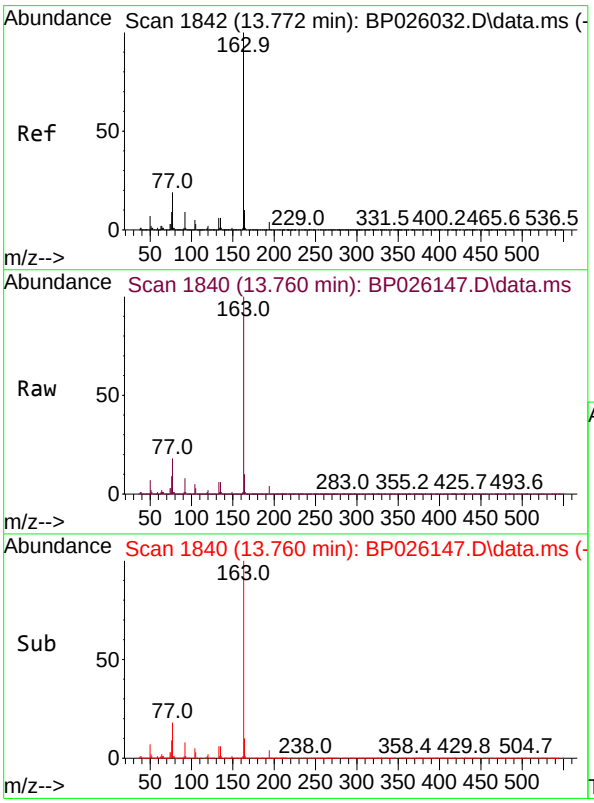
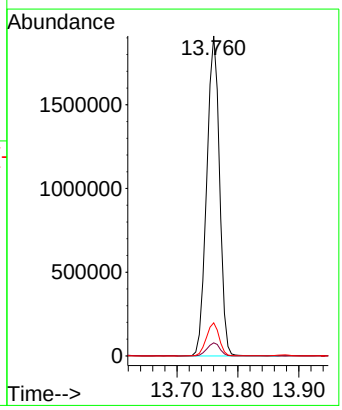
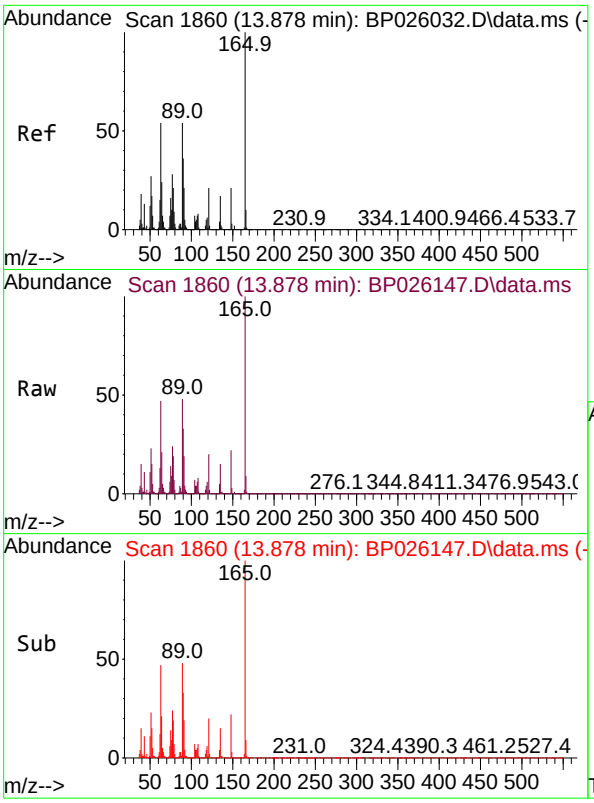



#50
Dimethylphthalate
Concen: 40.098 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:163 Resp: 2788637

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

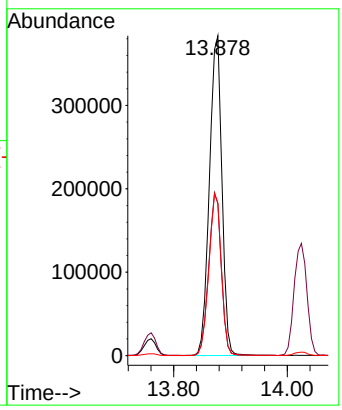





#51
2,6-Dinitrotoluene
Concen: 42.806 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:165 Resp: 58873(

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.4 | 40.5 | 60.7 |
| 89 | 47.7 | 41.3 | 61.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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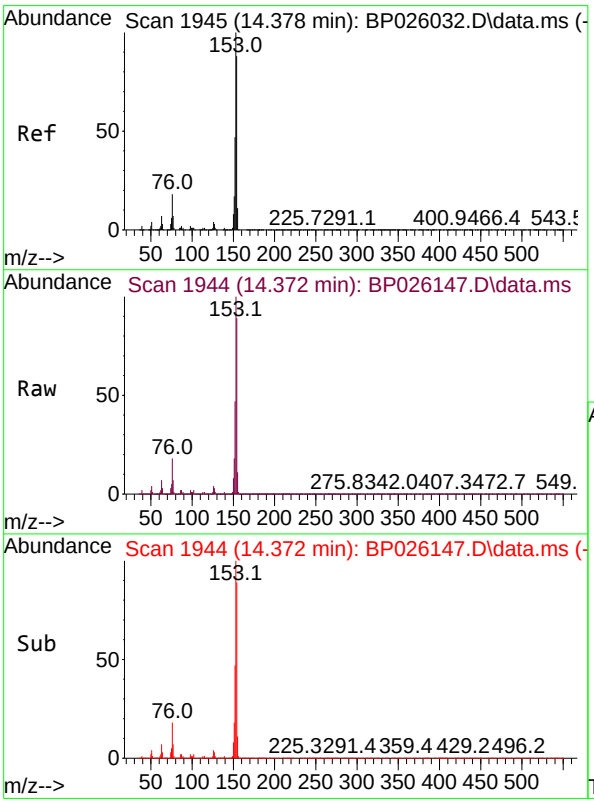
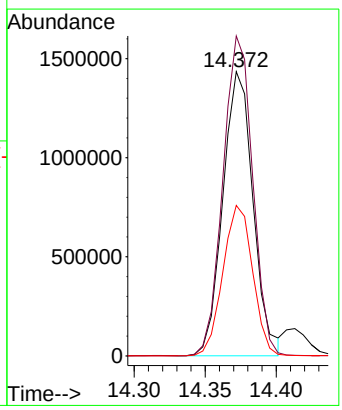
Supervised By :Sohil Jodhani 11/19/2025

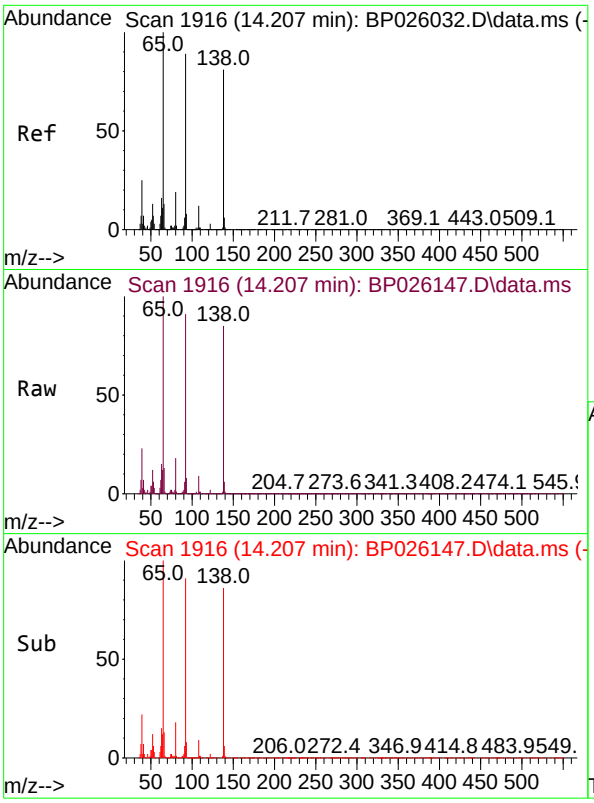



#52
Acenaphthene
Concen: 39.859 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2124219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.6 | 90.7 | 136.1 |
| 152 | 52.9 | 42.8 | 64.2 |






#53
3-Nitroaniline
Concen: 41.586 ng
RT: 14.207 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:138 Resp: 67566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.9 | 13.3 |
| 92 | 106.5 | 86.3 | 129.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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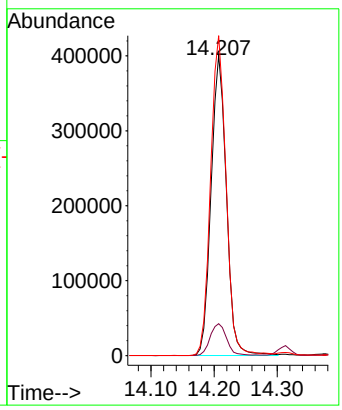
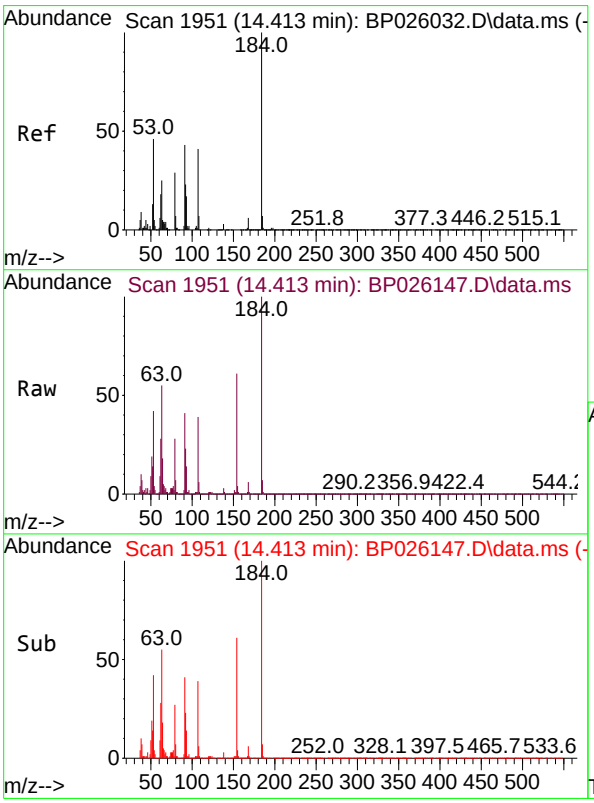
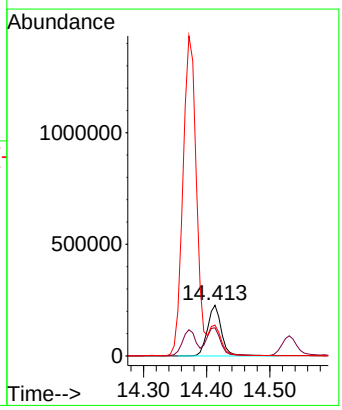


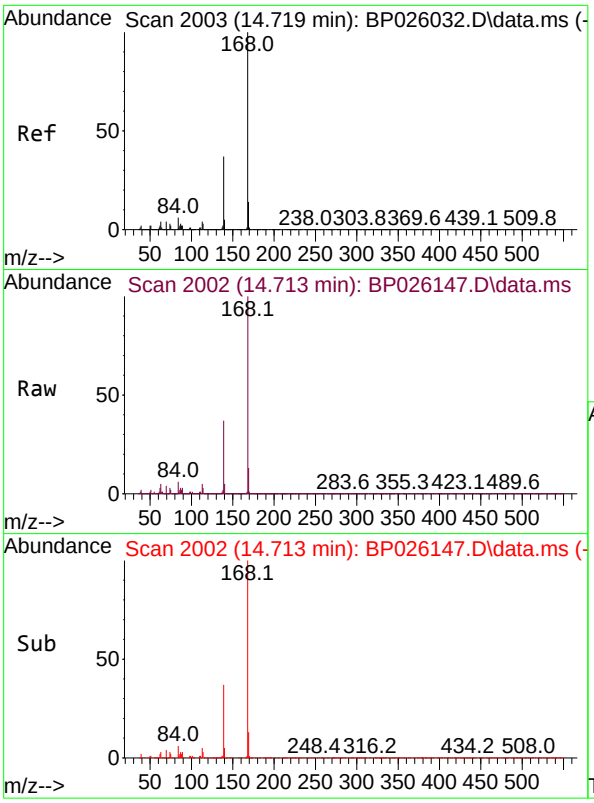




#54
2,4-Dinitrophenol
Concen: 42.038 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:184 Resp: 346832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.4 | 43.1 | 64.7 |
| 154 | 60.8 | 49.5 | 74.3 |

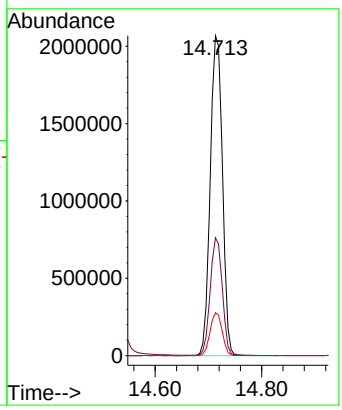





#55
Dibenzofuran
Concen: 39.554 ng
RT: 14.713 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:168 Resp: 3294100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |




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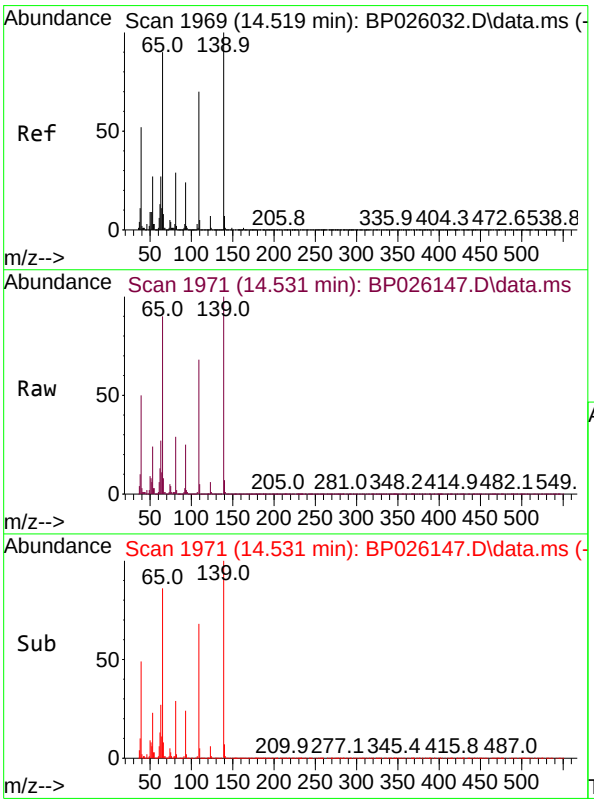
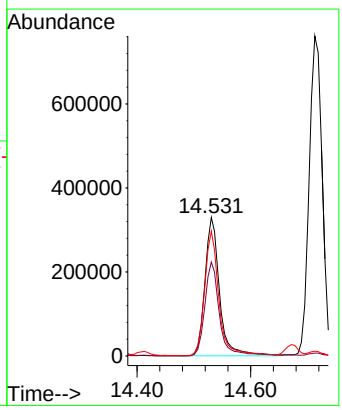
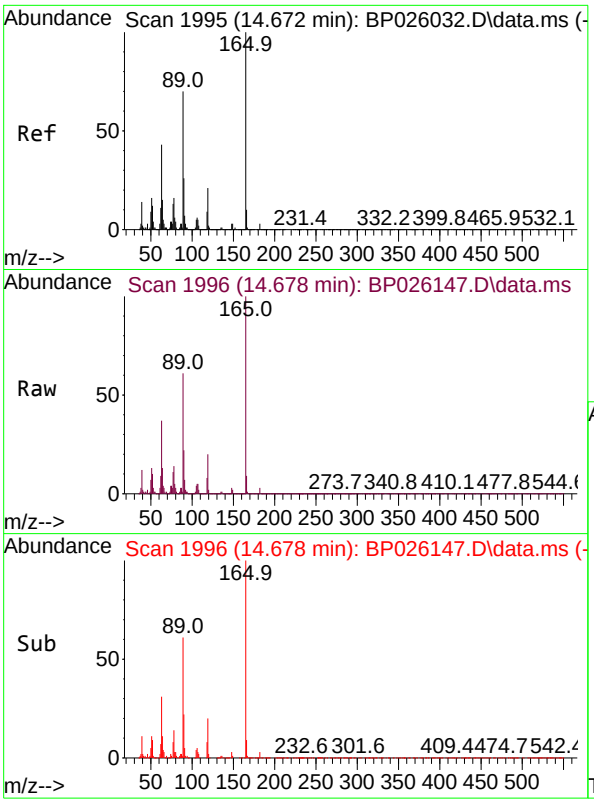



#56
4-Nitrophenol
Concen: 39.974 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:139 Resp: 589592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.7 | 46.8 | 86.8 |
| 65 | 90.0 | 69.3 | 109.3 |

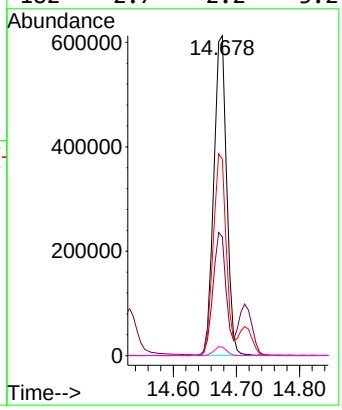





#57
2,4-Dinitrotoluene
Concen: 42.152 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:165 Resp: 87153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 37.1 | 31.0 | 46.6 |
| 89 | 61.4 | 51.7 | 77.5 |
| 182 | 2.7 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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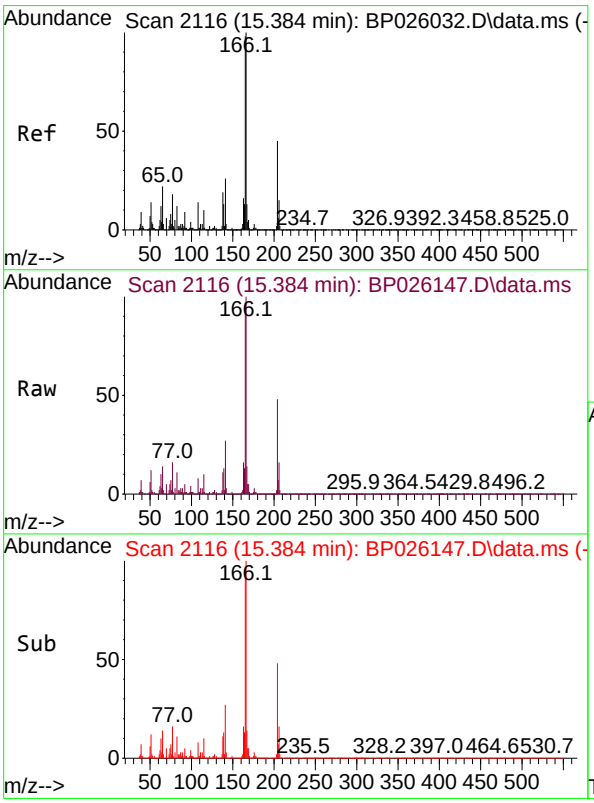
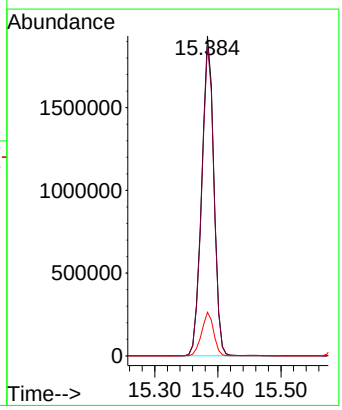
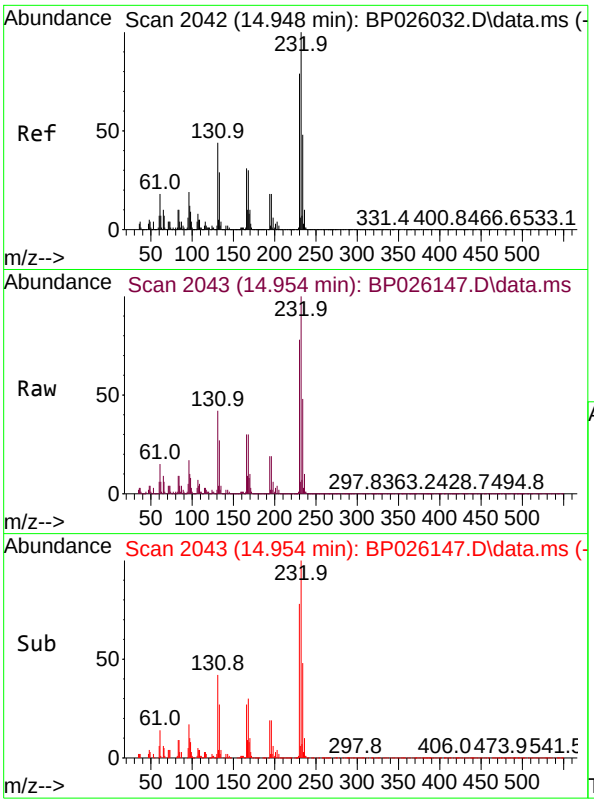



#58
Fluorene
Concen: 39.135 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:166 Resp: 2576477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.5 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |

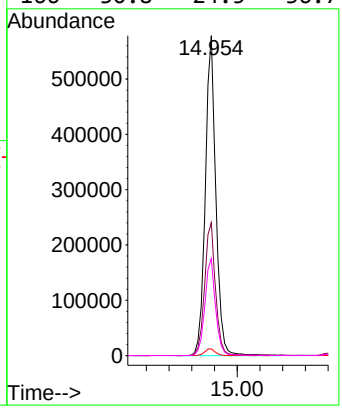





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.827 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:232 Resp: 74629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.2 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.8 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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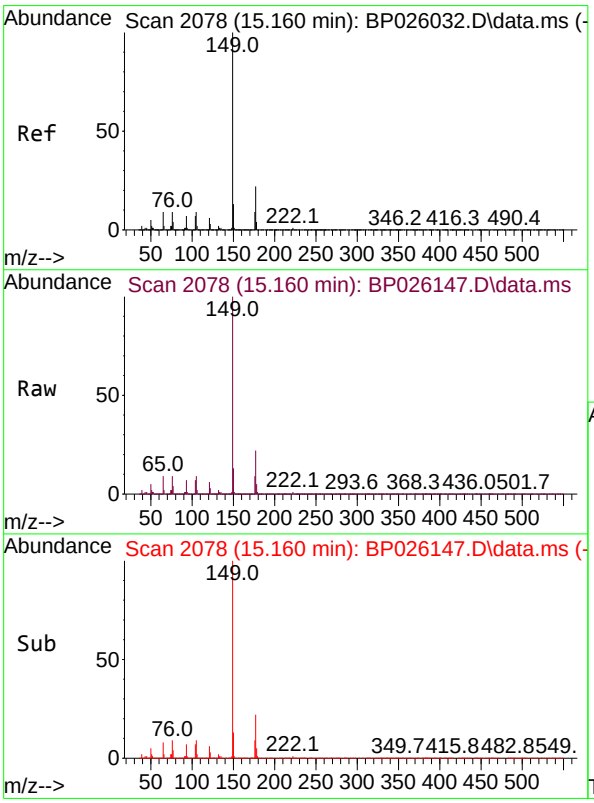
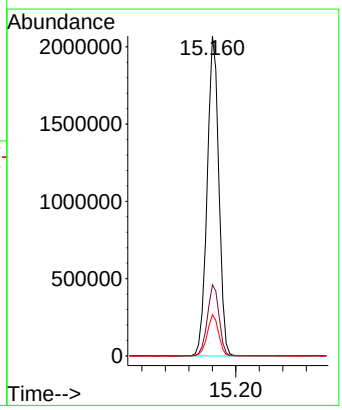
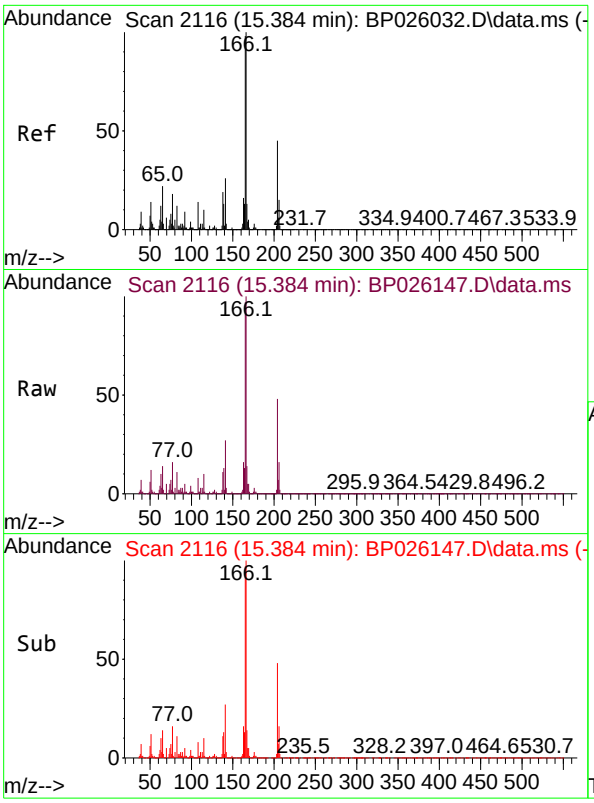



#60
Diethylphthalate
Concen: 40.313 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 2841743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.9 | 26.9 |
| 150 | 12.9 | 9.9 | 14.9 |






#61
4-Chlorophenyl-phenylether
Concen: 39.576 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:204 Resp: 129332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 26.2 | 39.2 |
| 141 | 56.2 | 48.1 | 72.1 |

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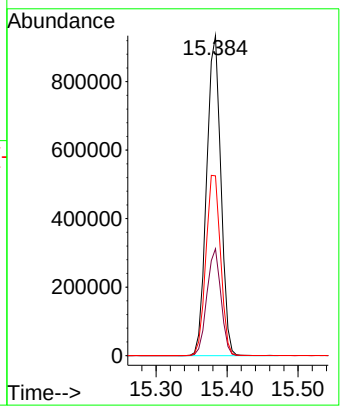
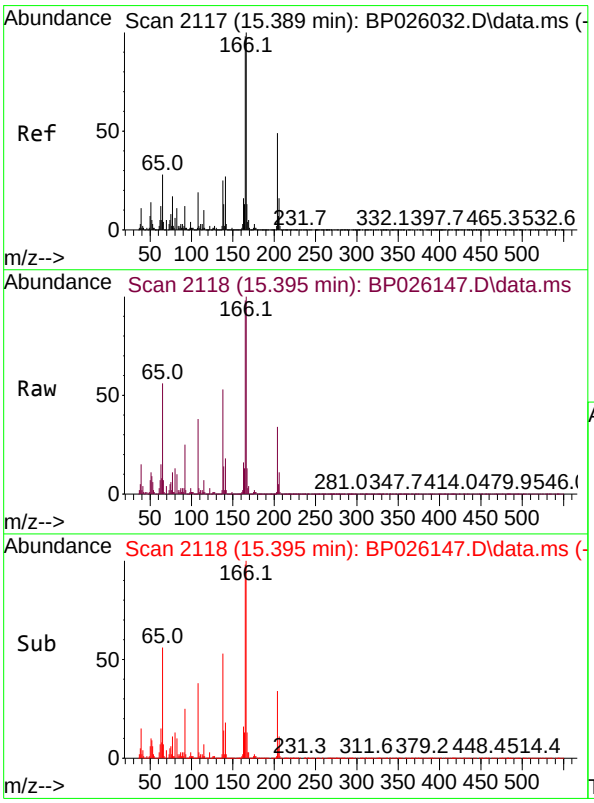
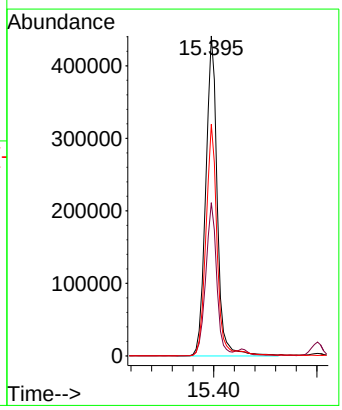


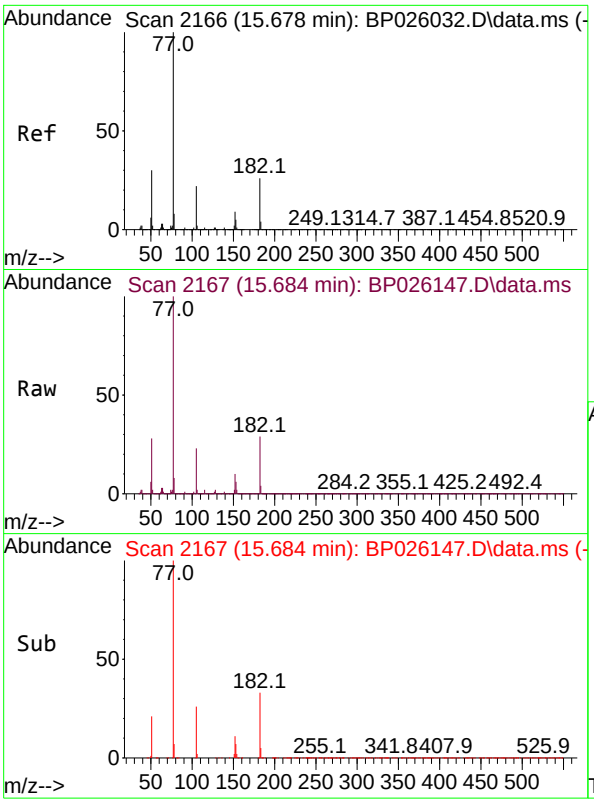




#62
4-Nitroaniline
Concen: 40.085 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:138 Resp: 681705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.9 | 27.5 | 67.5 |
| 108 | 72.4 | 51.1 | 91.1 |

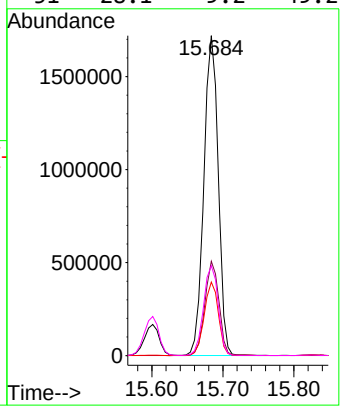





#63
Azobenzene
Concen: 40.665 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 240836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.5 | 8.8 | 48.8 |
| 105 | 23.0 | 2.6 | 42.6 |
| 51 | 28.1 | 9.2 | 49.2 |




**Instrument :**
BNA_P
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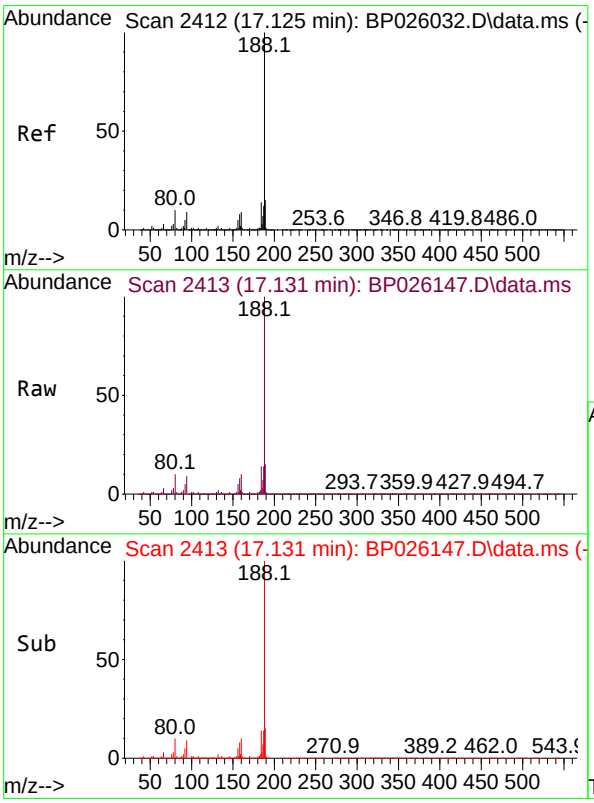
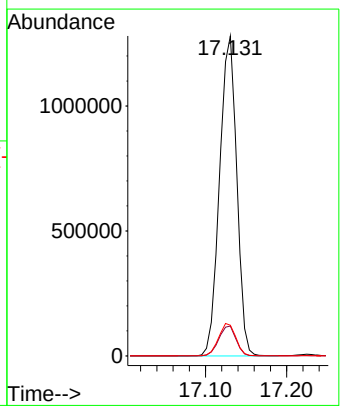
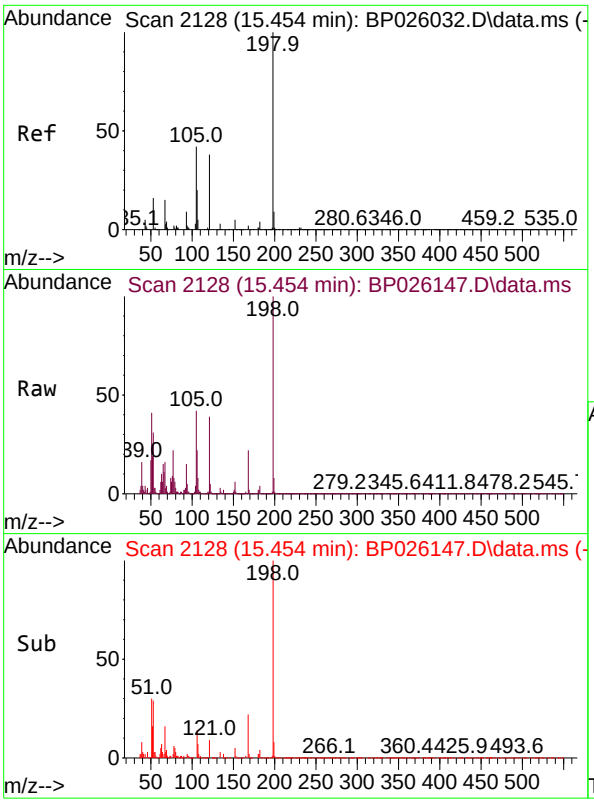



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:188 Resp: 1878028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.8 | 11.6 |
| 80 | 9.6 | 8.2 | 12.2 |

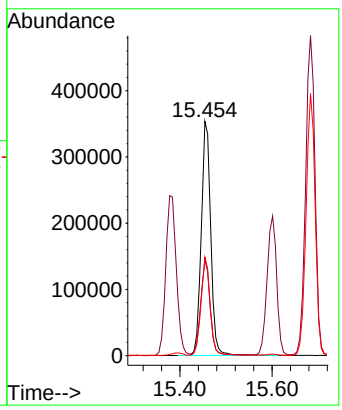





#65
4,6-Dinitro-2-methylphenol
Concen: 42.621 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:198 Resp: 50371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.9 | 18.4 | 58.4 |
| 105 | 42.0 | 18.5 | 58.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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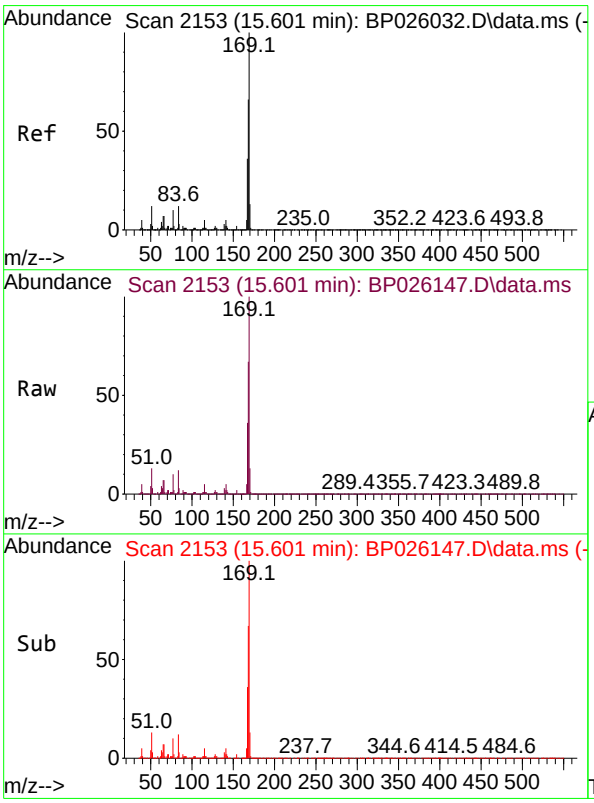
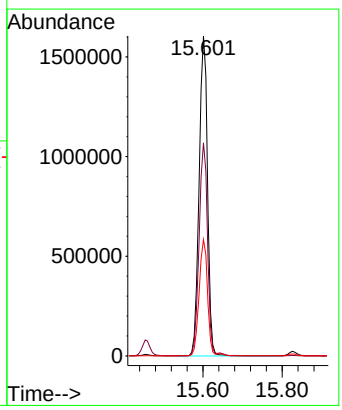
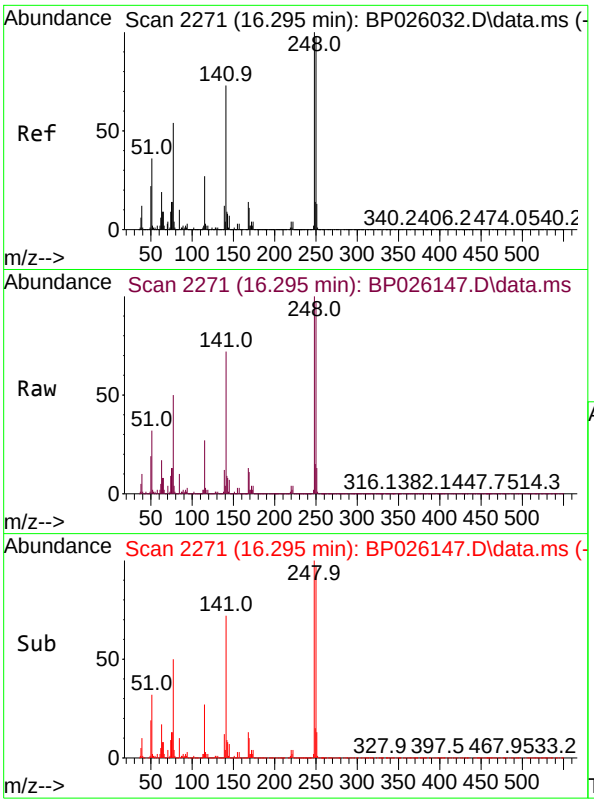



#66
n-Nitrosodiphenylamine
Concen: 40.344 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:169 Resp: 2344222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.6 | 53.1 | 79.7 |
| 167 | 36.3 | 28.9 | 43.3 |

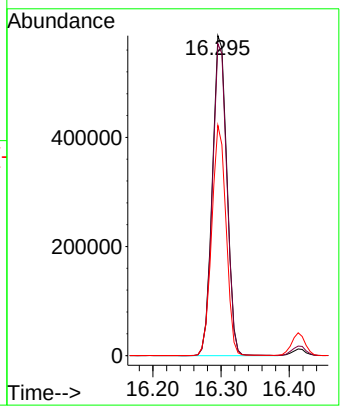





#67
4-Bromophenyl-phenylether
Concen: 41.519 ng
RT: 16.295 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:248 Resp: 86169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.8 | 116.6 |
| 141 | 71.9 | 55.4 | 83.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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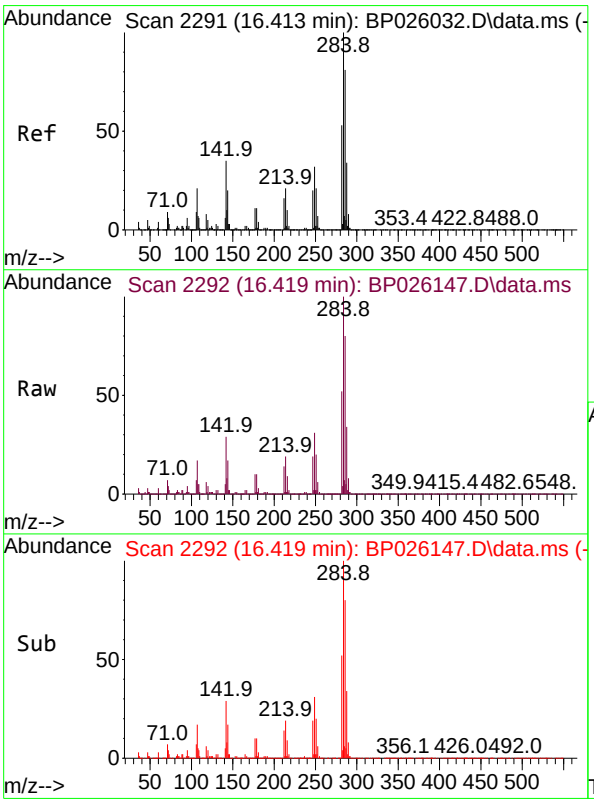
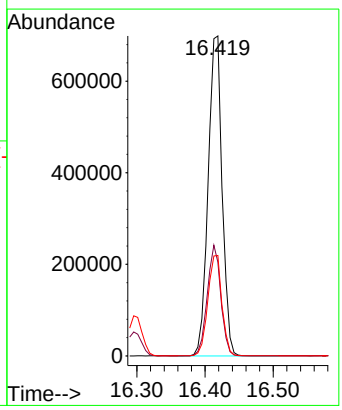
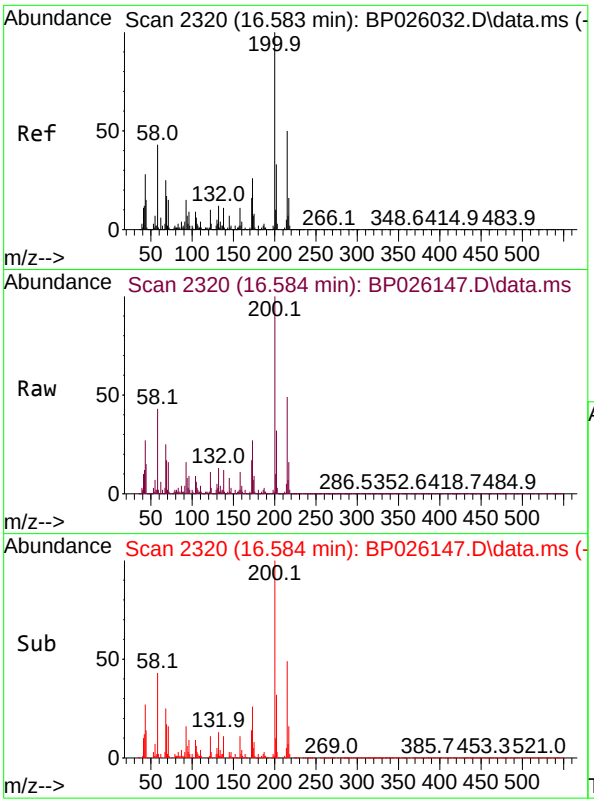



#68
Hexachlorobenzene
Concen: 41.466 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:284 Resp: 994319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.3 | 28.0 | 42.0 |
| 249 | 31.4 | 25.0 | 37.4 |

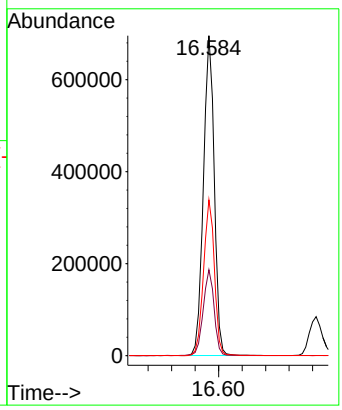





#69
Atrazine
Concen: 40.815 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:200 Resp: 89306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.8 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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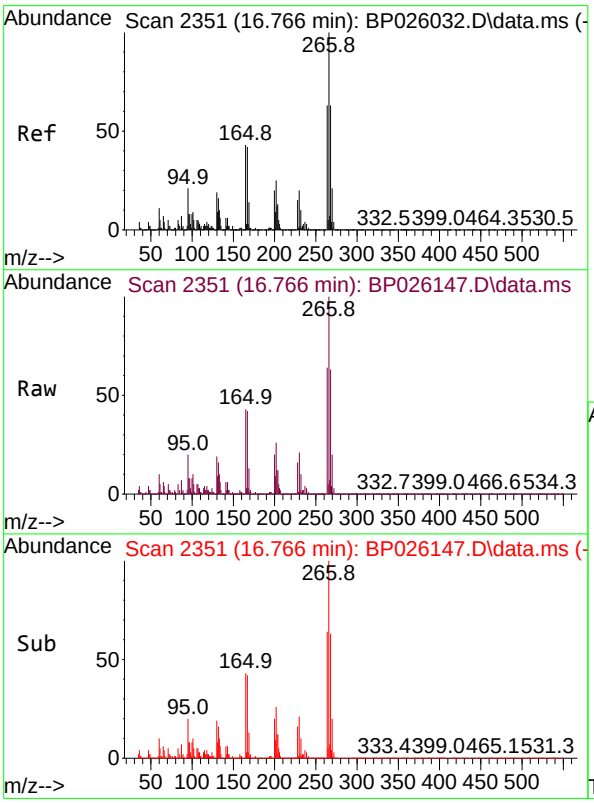
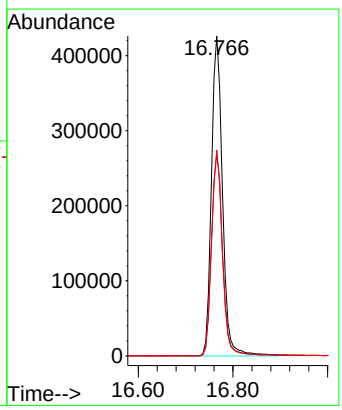
Supervised By :Sohil Jodhani 11/19/2025

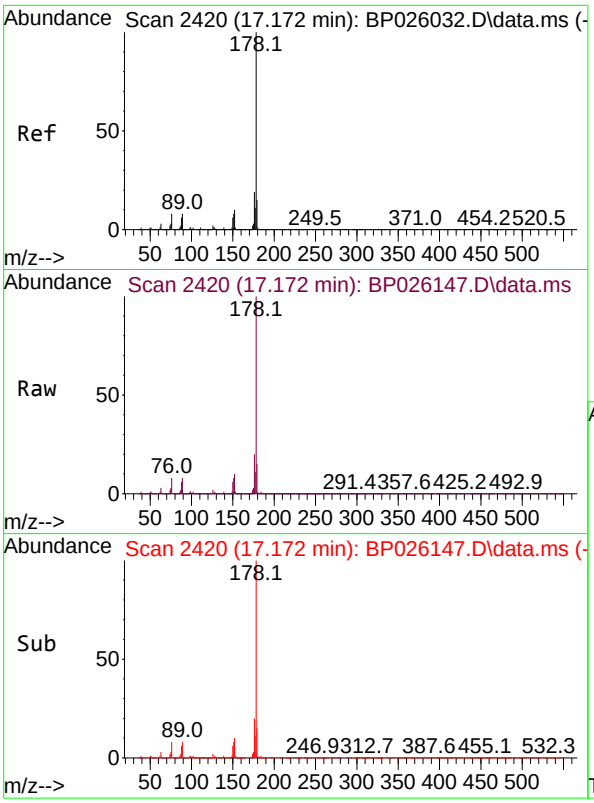



#70
Pentachlorophenol
Concen: 40.947 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:266 Resp: 688877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.2 | 51.0 | 76.4 |
| 264 | 64.3 | 50.2 | 75.2 |

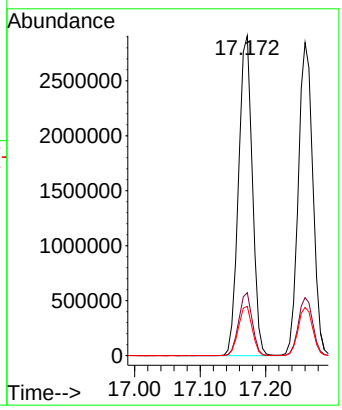





#71
Phenanthrene
Concen: 39.682 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:178 Resp: 421615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.4 | 23.2 |
| 179 | 15.4 | 12.4 | 18.6 |




**Instrument :**
BNA_P
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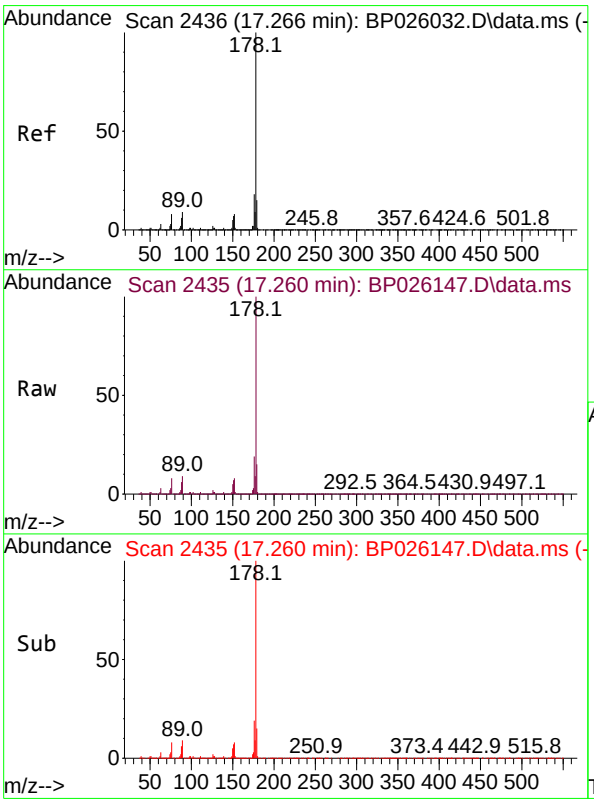
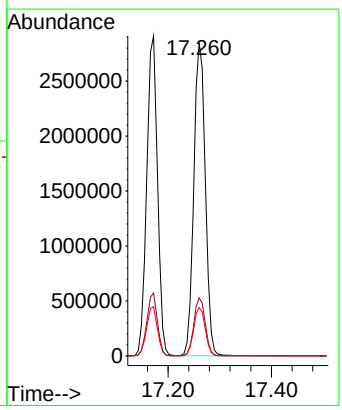
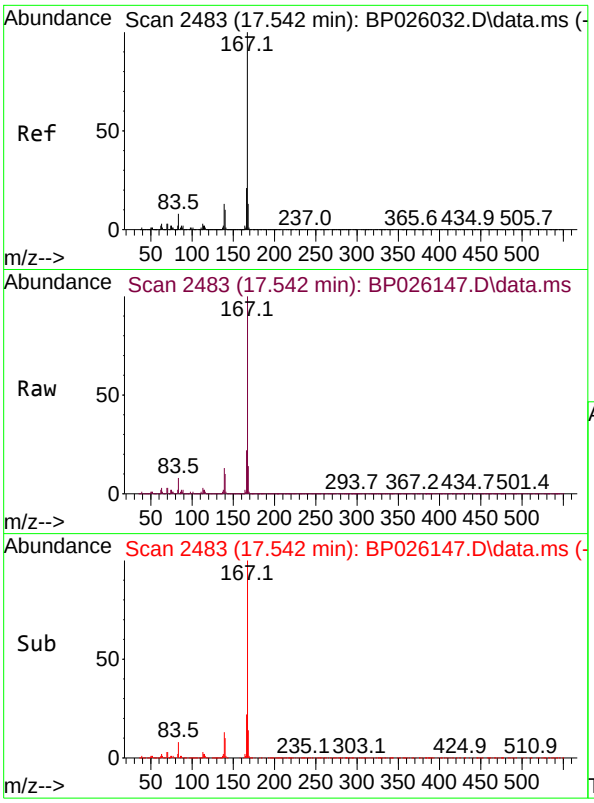



#72
Anthracene
Concen: 40.544 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:178 Resp: 4399641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.8 | 22.2 |
| 179 | 15.4 | 12.2 | 18.4 |

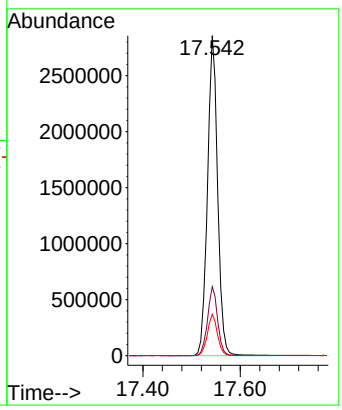





#73
Carbazole
Concen: 40.424 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:167 Resp: 414984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.1 | 25.7 |
| 139 | 12.9 | 10.2 | 15.4 |




**Instrument :**
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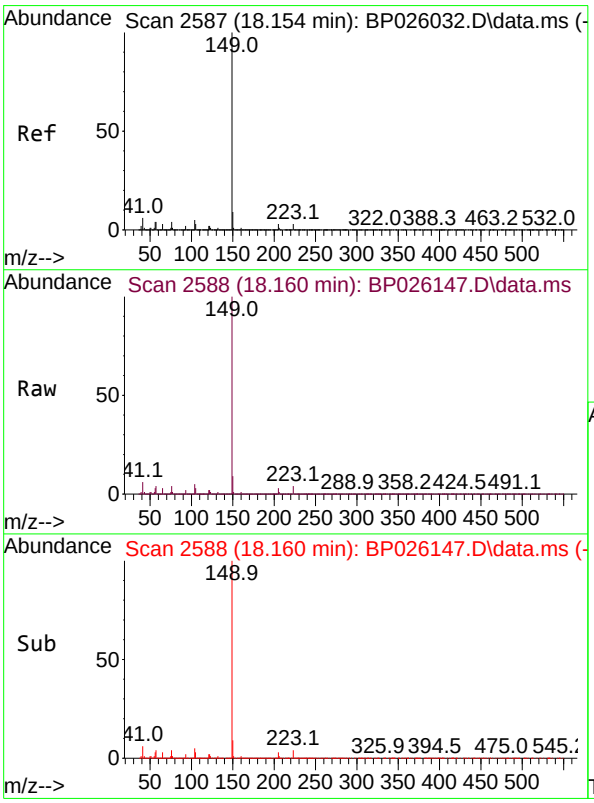
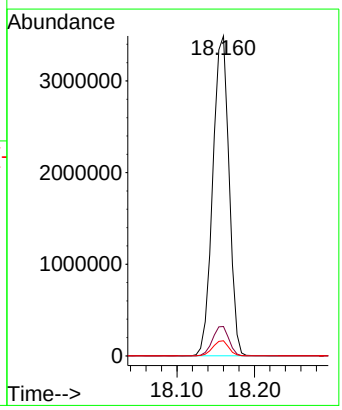
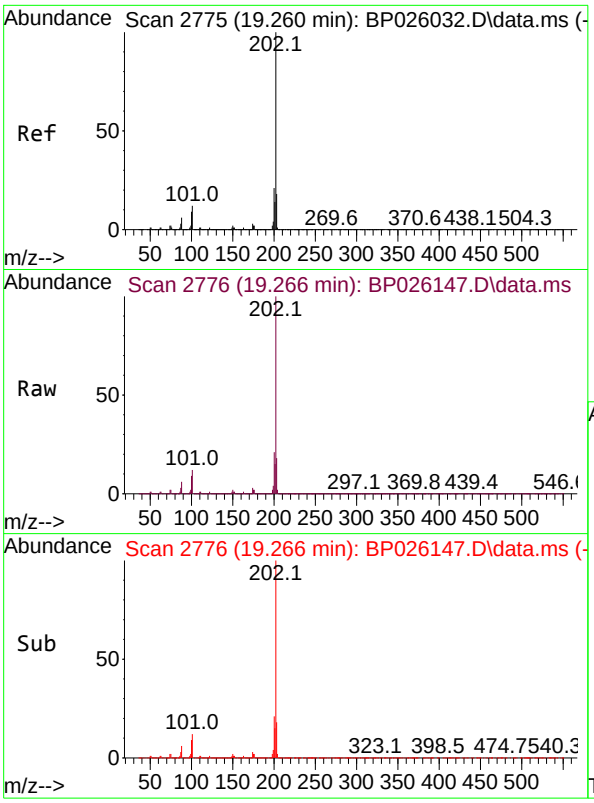



#74
Di-n-butylphthalate
Concen: 41.877 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 5102416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |

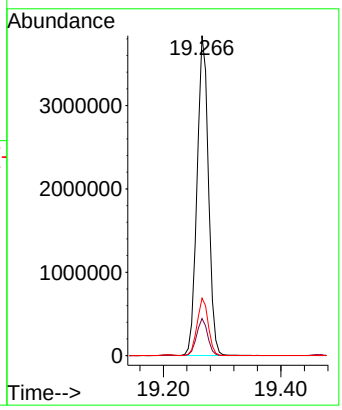





#75
Fluoranthene
Concen: 39.601 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:202 Resp: 514258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 31.2 |
| 203 | 17.9 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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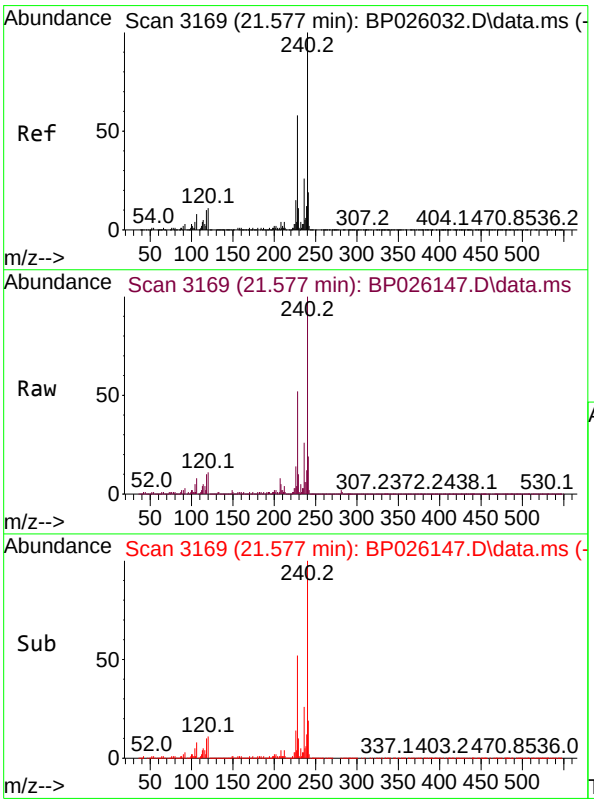
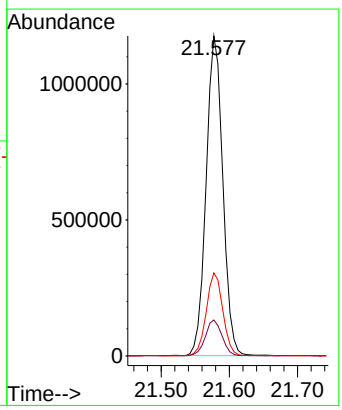
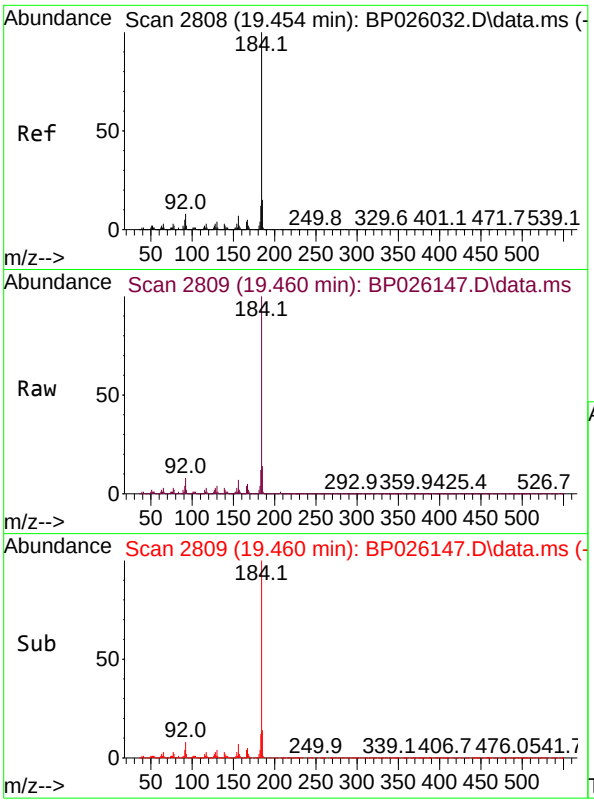



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:240 Resp: 1999579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.0 | 13.4 |
| 236 | 25.9 | 20.4 | 30.6 |

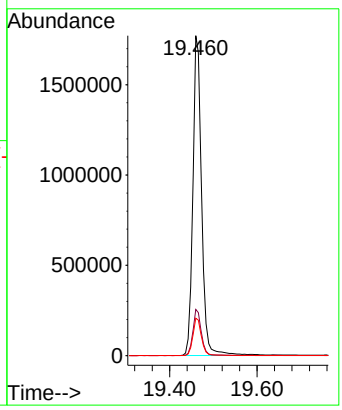





#77
Benzidine
Concen: 40.014 ng
RT: 19.460 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:184 Resp: 246280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.3 | 16.9 |
| 183 | 11.7 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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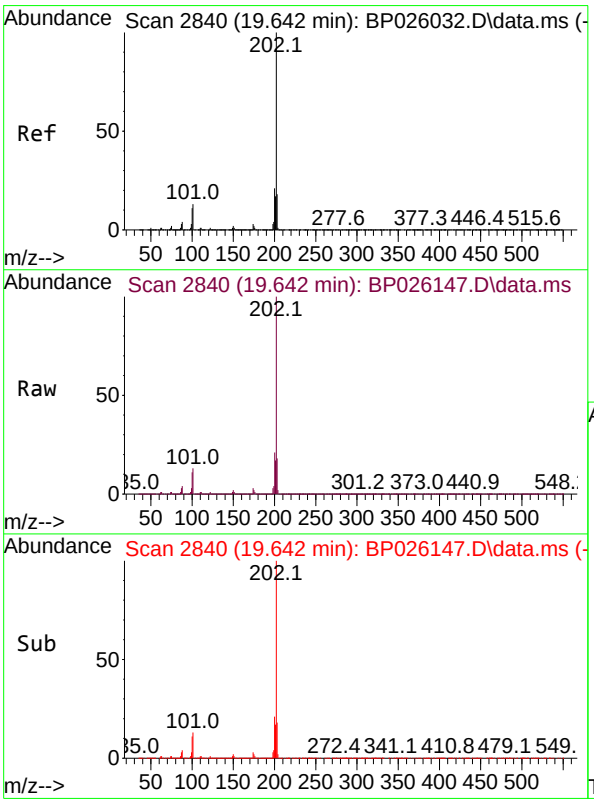
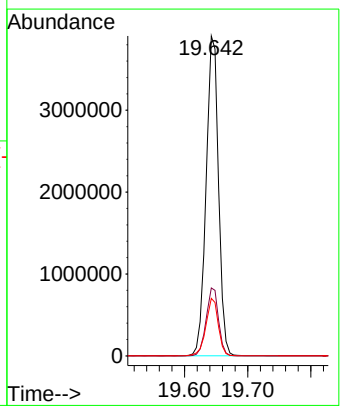
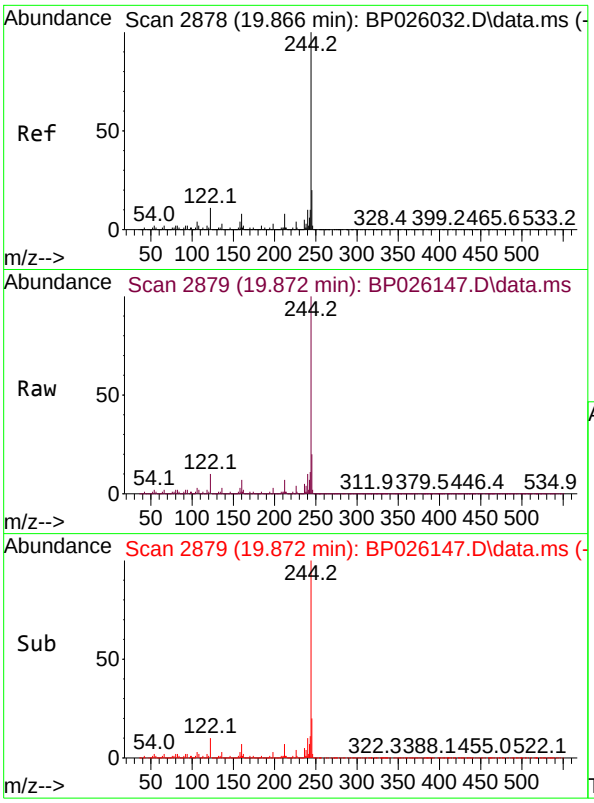



#78
Pyrene
Concen: 40.857 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:202 Resp: 5323064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.9 | 25.3 |
| 203 | 18.0 | 13.8 | 20.8 |






#79
Terphenyl-d14
Concen: 80.792 ng
RT: 19.872 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:244 Resp: 792201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.8 |
| 122 | 10.0 | 8.2 | 12.2 |

**Instrument :**
BNA_P
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SSTDICCC040

**Manual Integrations**
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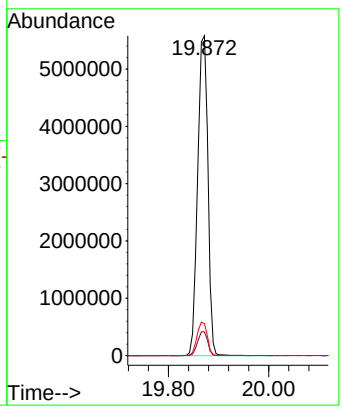
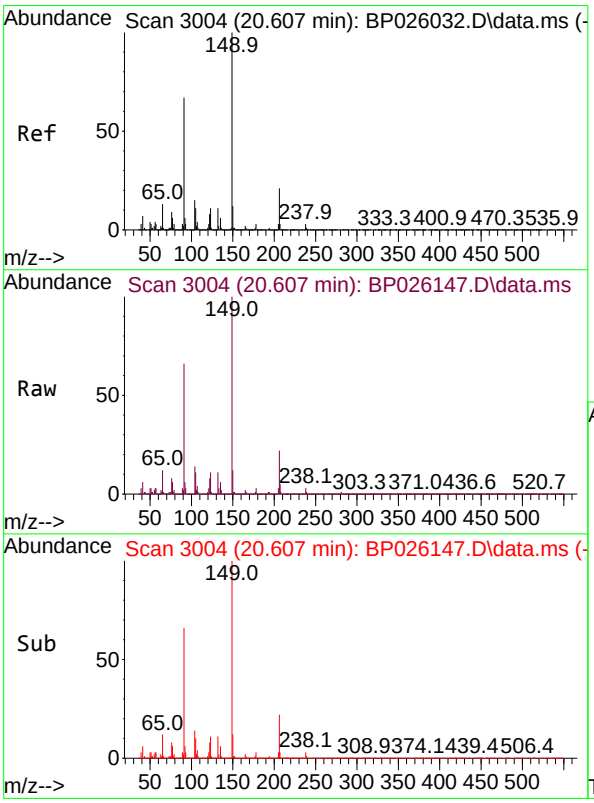
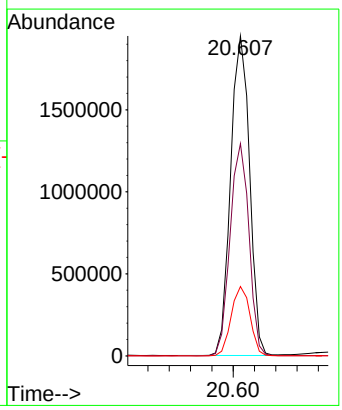


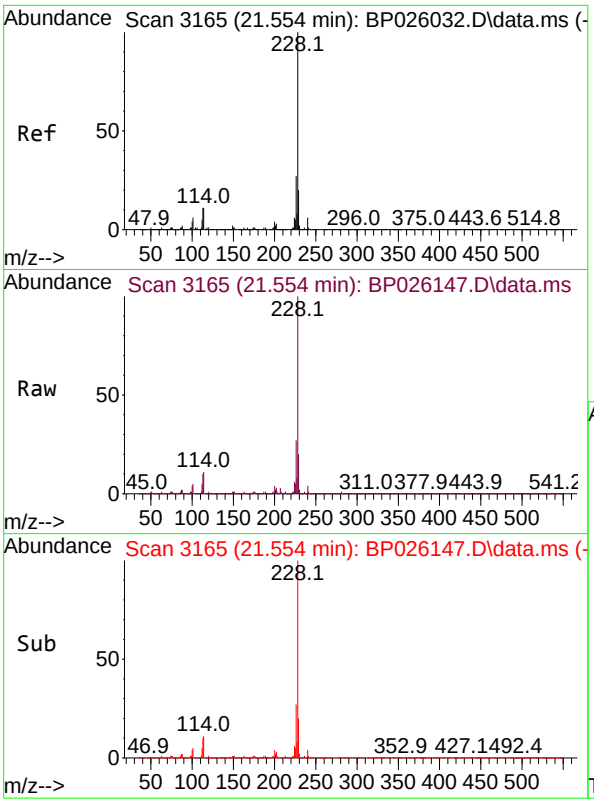




#80
Butylbenzylphthalate
Concen: 41.564 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 2411743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.4 | 52.6 | 79.0 |
| 206 | 21.7 | 16.9 | 25.3 |

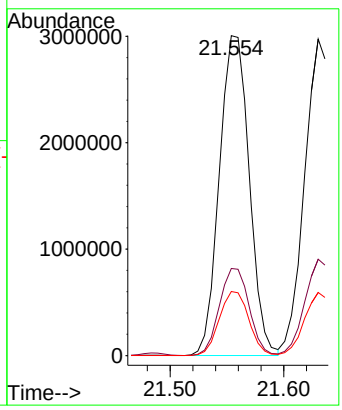





#81
Benzo(a)anthracene
Concen: 40.116 ng
RT: 21.554 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:228 Resp: 550127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.8 | 32.8 |
| 229 | 20.0 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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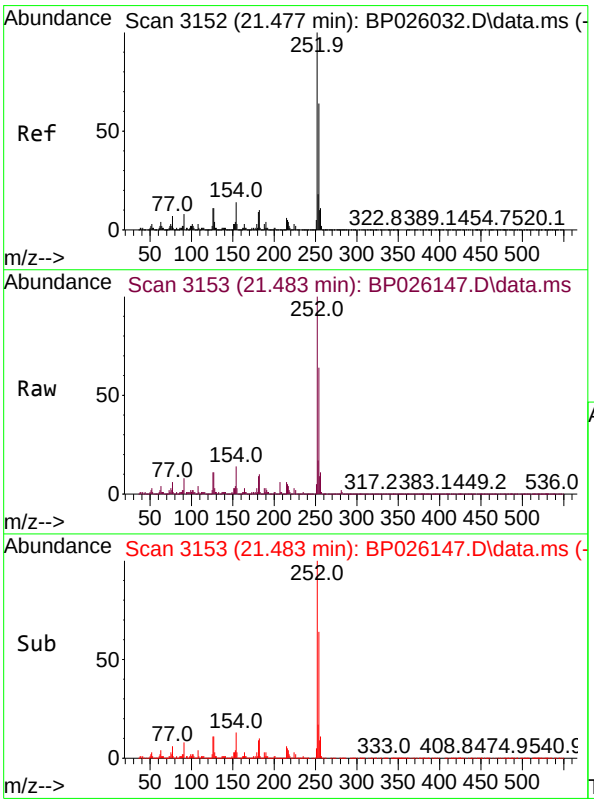
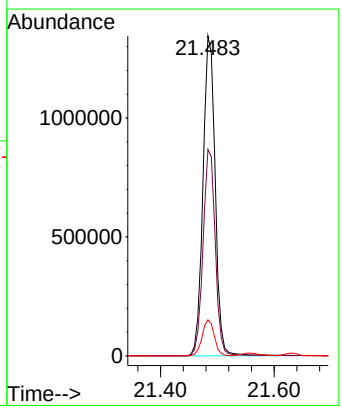
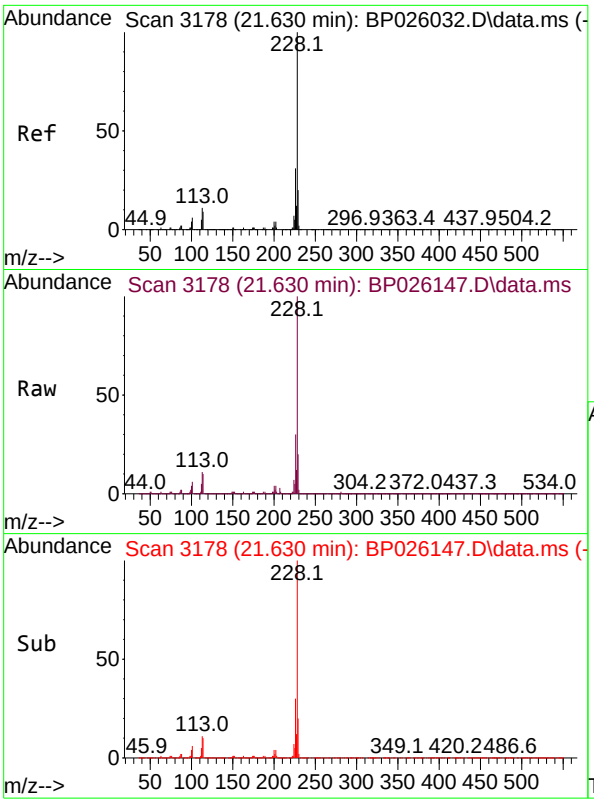



#82
3,3'-Dichlorobenzidine
Concen: 40.145 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 2000641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 51.2 | 76.8 |
| 126 | 11.3 | 8.2 | 12.4 |

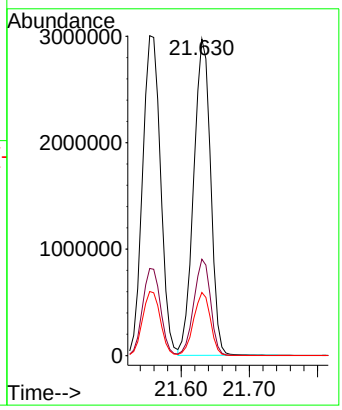





#83
Chrysene
Concen: 39.774 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:228 Resp: 513512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 23.9 | 35.9 |
| 229 | 19.9 | 15.9 | 23.9 |




**Instrument :**
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SSTDICCC040

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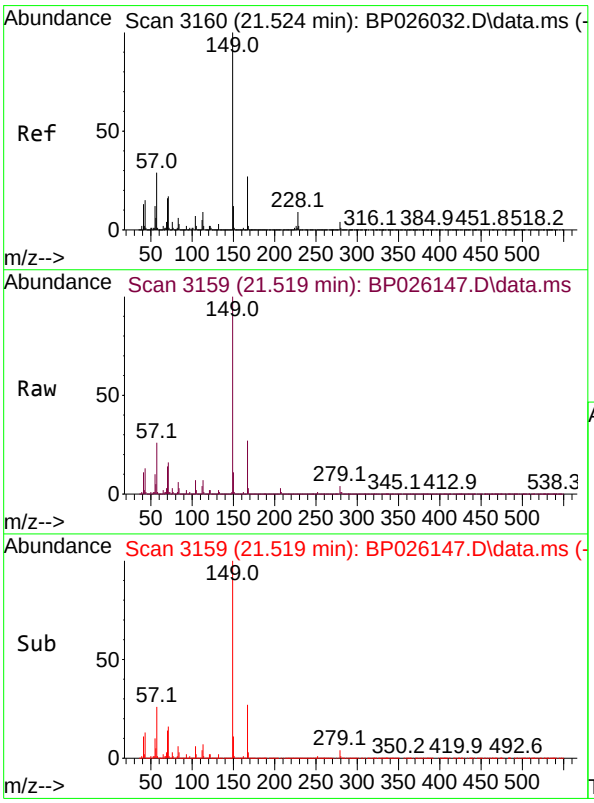
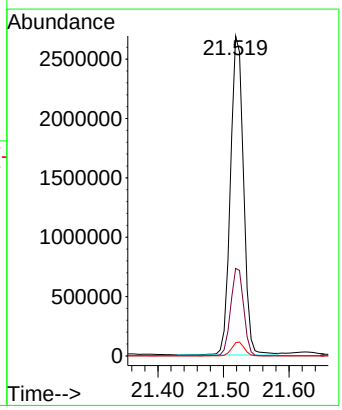
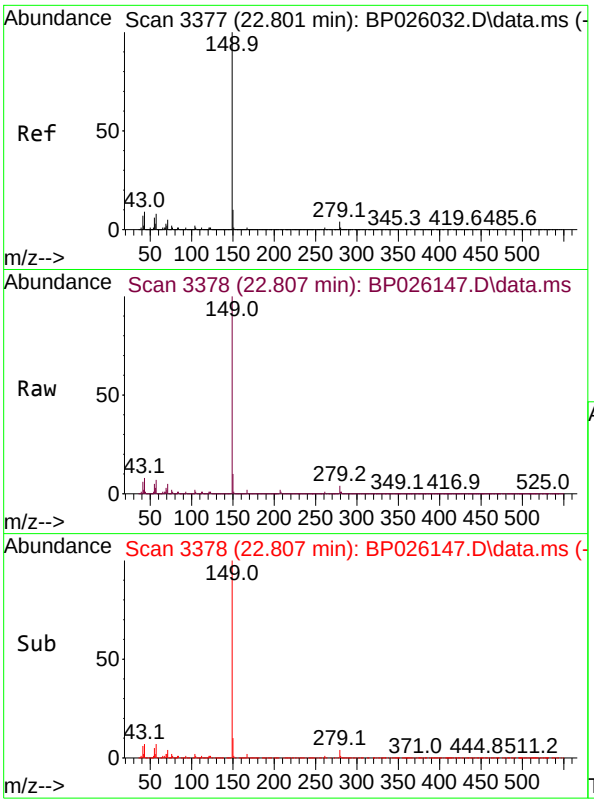



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.841 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 3731352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 22.1 | 33.1 |
| 279 | 4.1 | 3.3 | 4.9 |

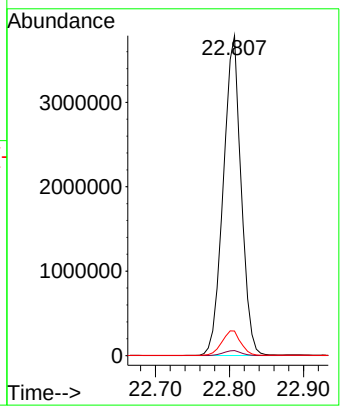





#85
Di-n-octyl phthalate
Concen: 41.246 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 632217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.1 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

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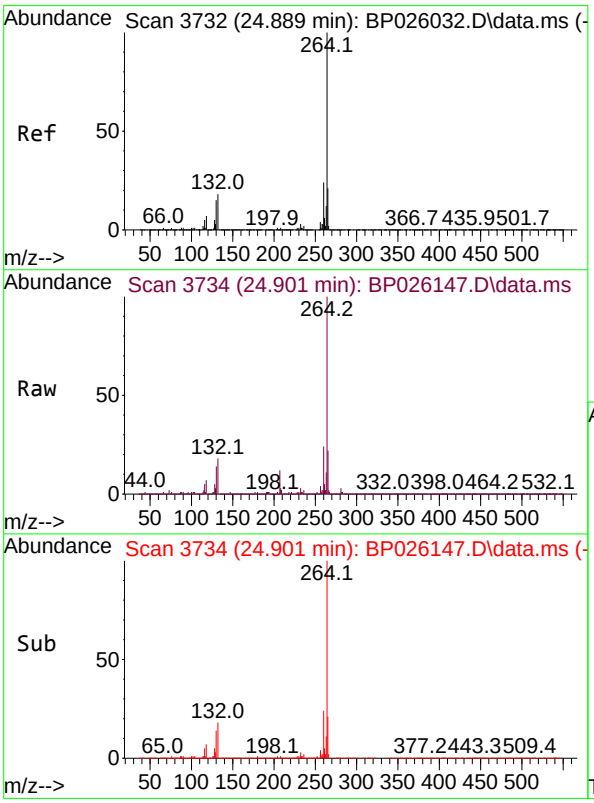
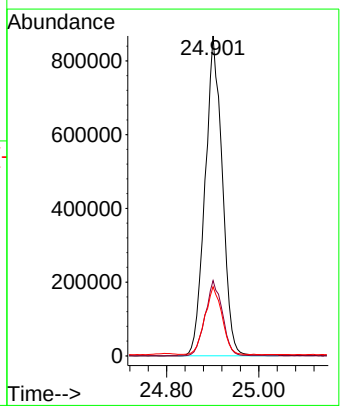
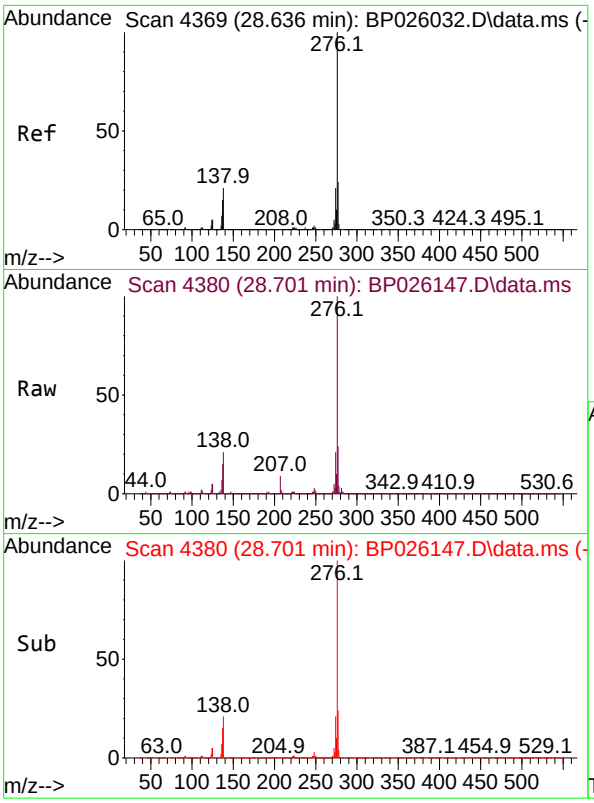



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:264 Resp: 2243799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.7 | 28.1 |
| 265 | 21.6 | 17.5 | 26.3 |

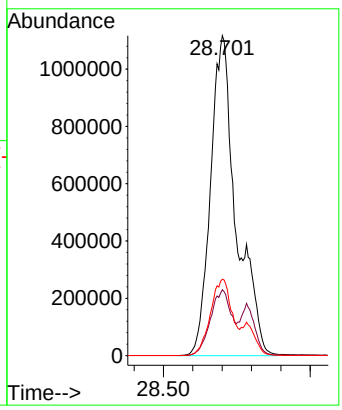





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.563 ng m
RT: 28.701 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:276 Resp: 678031

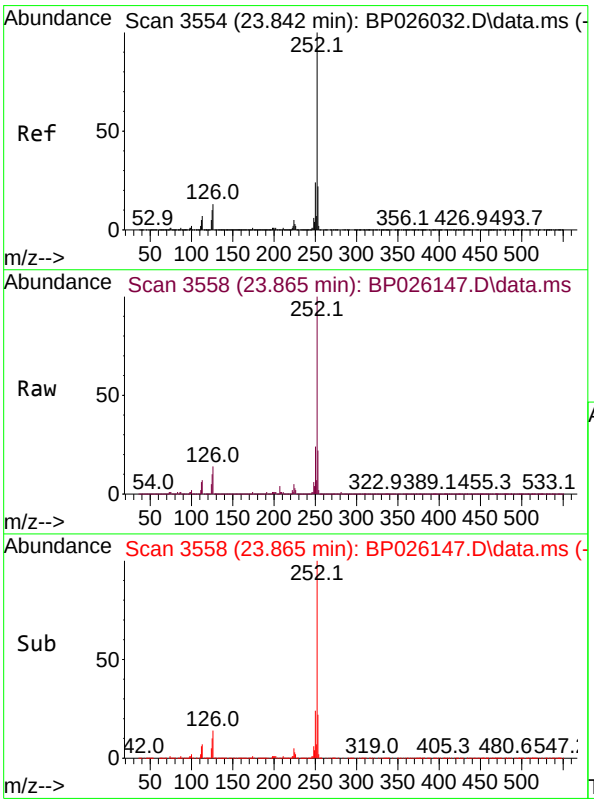
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.7 | 13.8 | 20.8 |
| 277 | 20.1 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

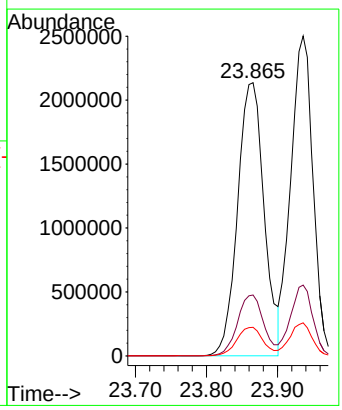
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

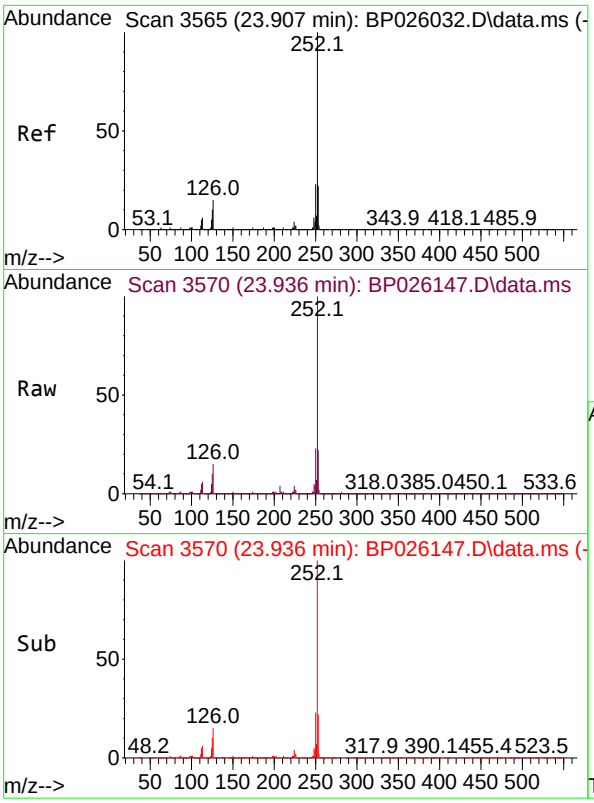



#88
Benzo(b)fluoranthene
Concen: 40.699 ng
RT: 23.865 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 5552010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.6 | 26.4 |
| 125 | 10.5 | 8.2 | 12.4 |

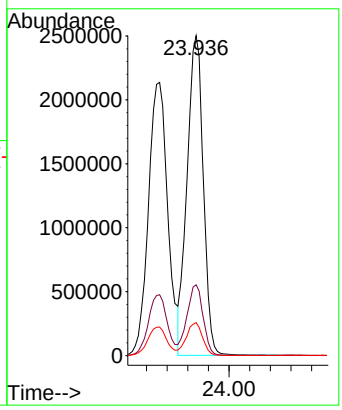





#89
Benzo(k)fluoranthene
Concen: 39.935 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 544457

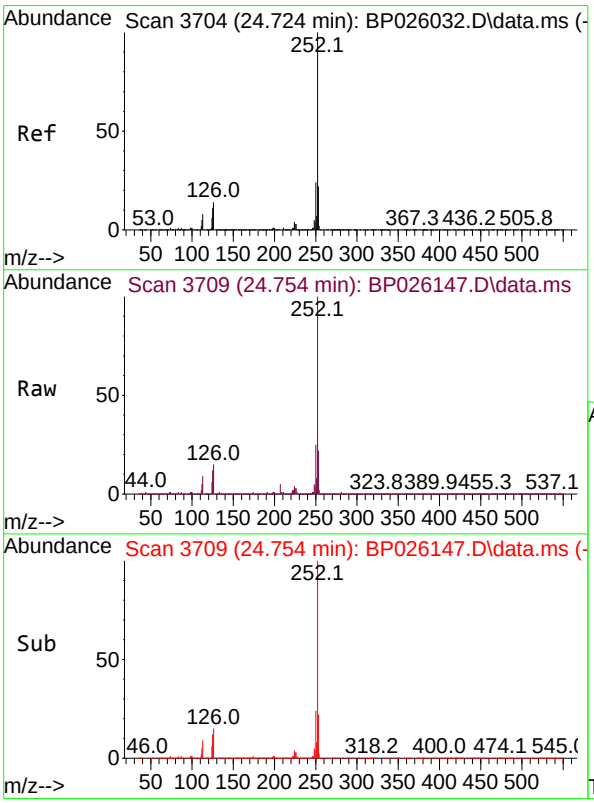
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.3 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

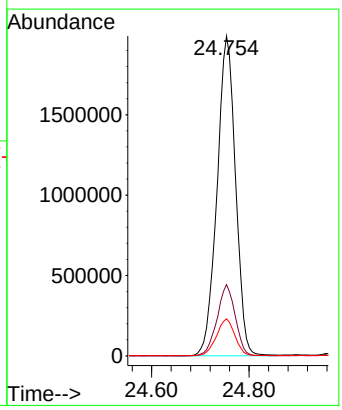
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

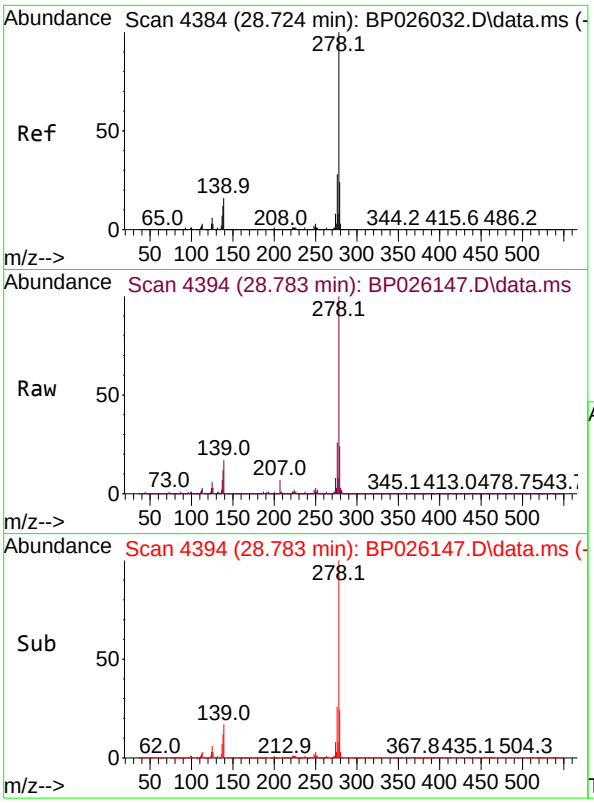



#90
Benzo(a)pyrene
Concen: 40.506 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 5241553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 11.6 | 9.0 | 13.6 |

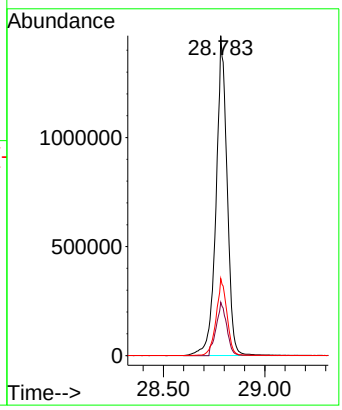





#91
Dibenzo(a,h)anthracene
Concen: 40.515 ng
RT: 28.783 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:278 Resp: 555050

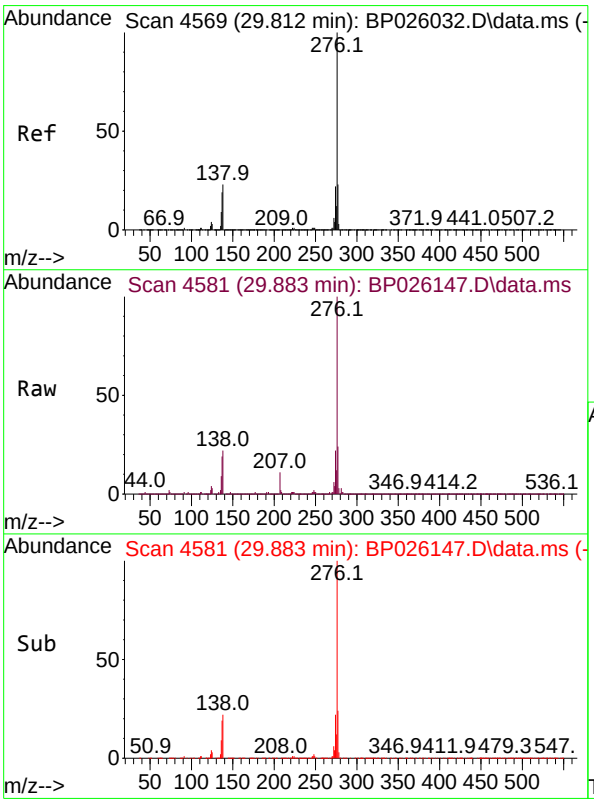
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 13.2 | 19.8 |
| 279 | 24.1 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

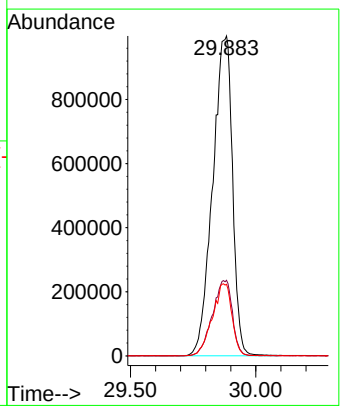
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 40.345 ng
RT: 29.883 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:276 Resp: 5486208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.8 | 28.2 |
| 138 | 22.4 | 17.8 | 26.6 |



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.666 | 152 | 284760 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1214236 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 797553 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1640808 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1705823 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.912 | 264 | 1916962 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 1787355 | 103.554 | ng | | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 2324244 | 106.156 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2130648 | 108.572 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.836 | 330 | 1046471 | 119.774 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 5250598 | 94.988 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.877 | 244 | 8280260 | 98.986 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 357043 | 49.304 | ng | | 100 |
| 3) Pyridine | 3.614 | 79 | 1057361 | 51.355 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 393135 | 48.177 | ng | | 95 |
| 6) Aniline | 7.002 | 93 | 1522371 | 52.159 | ng | | 99 |
| 8) 2-Chlorophenol | 7.243 | 128 | 1033720 | 54.061 | ng | | 100 |
| 9) Benzaldehyde | 6.819 | 77 | 511940 | 46.418 | ng | | 97 |
| 10) Phenol | 6.878 | 94 | 1252505 | 51.731 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 970673 | 50.634 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.560 | 146 | 1088080 | 49.825 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1100252 | 49.770 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 1053763 | 49.909 | ng | | 99 |
| 15) Benzyl Alcohol | 7.907 | 79 | 849842 | 53.672 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 1369615 | 47.705 | ng | | 99 |
| 17) 2-Methylphenol | 8.107 | 107 | 855650 | 53.750 | ng | | 100 |
| 18) Hexachloroethane | 8.743 | 117 | 401949 | 52.632 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 739380 | 54.488 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1173430 | 53.045 | ng | | 99 |
| 22) Acetophenone | 8.484 | 105 | 1530333 | 49.988 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 1083333 | 52.708 | ng | | 99 |
| 25) Isophorone | 9.384 | 82 | 2155778 | 51.899 | ng | | 100 |
| 26) 2-Nitrophenol | 9.560 | 139 | 575059 | 81.975 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 996274 | 56.199 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 1340577 | 51.133 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 1002063 | 54.165 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.307 | 180 | 986319 | 49.160 | ng | | 99 |
| 31) Naphthalene | 10.496 | 128 | 3258341 | 49.431 | ng | | 99 |
| 32) Benzoic acid | 9.766 | 122 | 836318 | 78.248 | ng | | 100 |
| 33) 4-Chloroaniline | 10.596 | 127 | 1404875 | 54.856 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 639671 | 49.818 | ng | | 99 |
| 35) Caprolactam | 11.384 | 113 | 356958 | 55.200 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1079361 | 55.785 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2347741 | 50.940 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 2264098 | 50.528 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 1184632 | 47.999 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 789794 | 76.949 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 837942 | 56.757 | ng | | 98 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

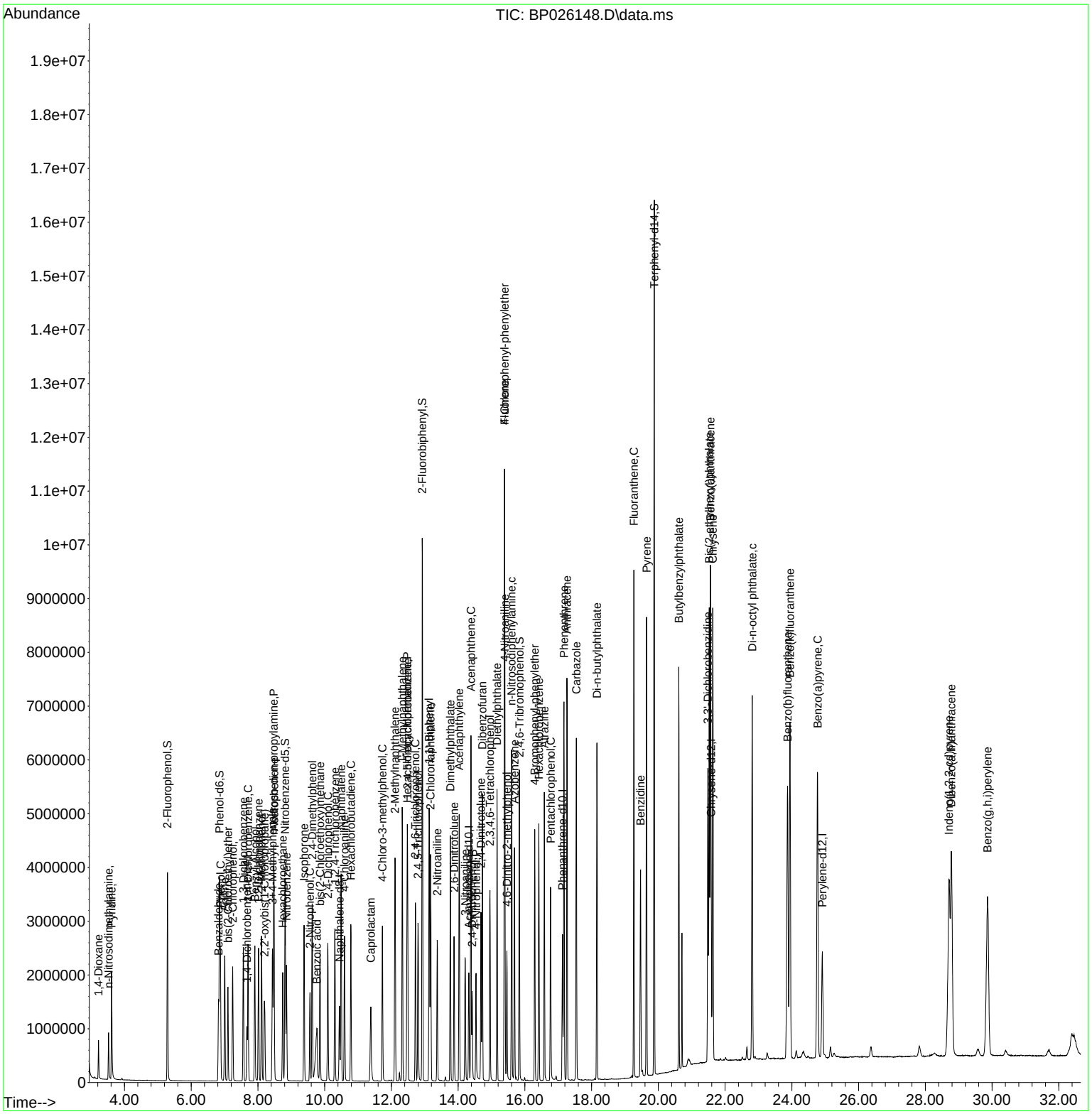
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.795 | 196 | 934561 | 55.717 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.131 | 154 | 2928877 | 48.177 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.172 | 162 | 2321684 | 48.576 | ng | | 99 |
| 48) 2-Nitroaniline | 13.372 | 65 | 669977 | 60.939 | ng | | 96 |
| 49) Acenaphthylene | 14.031 | 152 | 3873345 | 54.828 | ng | | 100 |
| 50) Dimethylphthalate | 13.766 | 163 | 2930655 | 50.746 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.878 | 165 | 622671 | 64.134 | ng | | 98 |
| 52) Acenaphthene | 14.384 | 154 | 2275322 | 48.135 | ng | | 99 |
| 53) 3-Nitroaniline | 14.213 | 138 | 725831 | 61.795 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 372594 | 83.625 | ng | | 95 |
| 55) Dibenzofuran | 14.725 | 168 | 3514504 | 48.822 | ng | | 99 |
| 56) 4-Nitrophenol | 14.537 | 139 | 626548 | 53.593 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 925879 | 65.348 | ng | | 99 |
| 58) Fluorene | 15.389 | 166 | 2739619 | 48.440 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 791779 | 59.606 | ng | | 100 |
| 60) Diethylphthalate | 15.166 | 149 | 2976494 | 51.232 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.389 | 204 | 1378247 | 48.888 | ng | | 97 |
| 62) 4-Nitroaniline | 15.401 | 138 | 734482 | 58.965 | ng | | 100 |
| 63) Azobenzene | 15.689 | 77 | 2549241 | 48.803 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.460 | 198 | 539726 | 77.066 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.601 | 169 | 2501945 | 48.943 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.295 | 248 | 906367 | 49.759 | ng | | 98 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1044994 | 50.429 | ng | | 98 |
| 69) Atrazine | 16.584 | 200 | 954570 | 54.471 | ng | | 98 |
| 70) Pentachlorophenol | 16.772 | 266 | 733498 | 56.819 | ng | | 99 |
| 71) Phenanthrene | 17.172 | 178 | 4521516 | 47.698 | ng | | 100 |
| 72) Anthracene | 17.260 | 178 | 4603902 | 48.679 | ng | | 100 |
| 73) Carbazole | 17.542 | 167 | 4285462 | 48.149 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.160 | 149 | 5349681 | 53.150 | ng | | 100 |
| 75) Fluoranthene | 19.266 | 202 | 5367252 | 48.317 | ng | | 100 |
| 77) Benzidine | 19.466 | 184 | 2691261 | 60.082 | ng | | 99 |
| 78) Pyrene | 19.648 | 202 | 5584319 | 49.020 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.613 | 149 | 2508473 | 65.680 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 5754455 | 49.402 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 2099346 | 54.722 | ng | | 99 |
| 83) Chrysene | 21.630 | 228 | 5399638 | 48.904 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 3735211 | 59.805 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.813 | 149 | 6624425 | 62.248 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.706 | 276 | 7108078 | 50.540 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.871 | 252 | 5855690 | 49.795 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.942 | 252 | 5812408 | 48.345 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.771 | 252 | 5498511 | 50.567 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.777 | 278 | 5794869 | 50.535 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.865 | 276 | 5679489 | 51.276 | ng | | 99 |

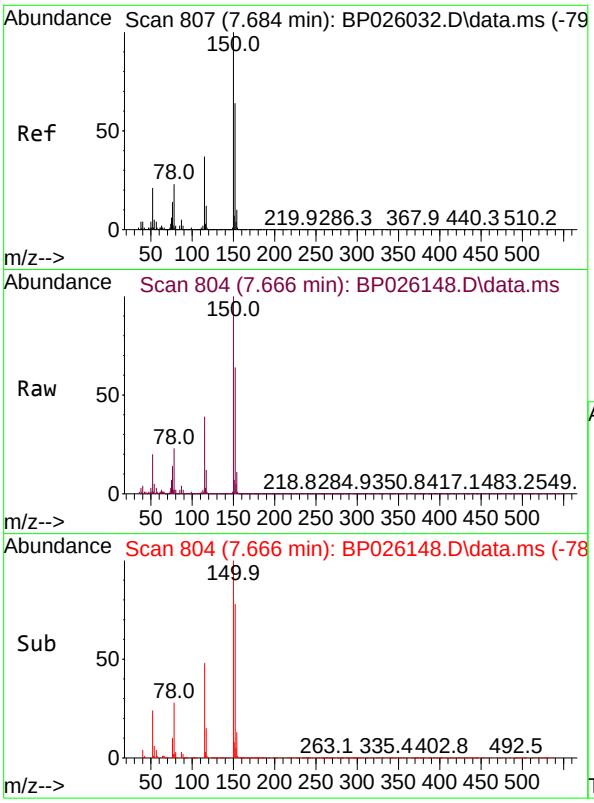
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



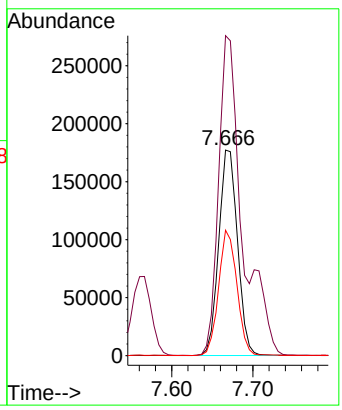


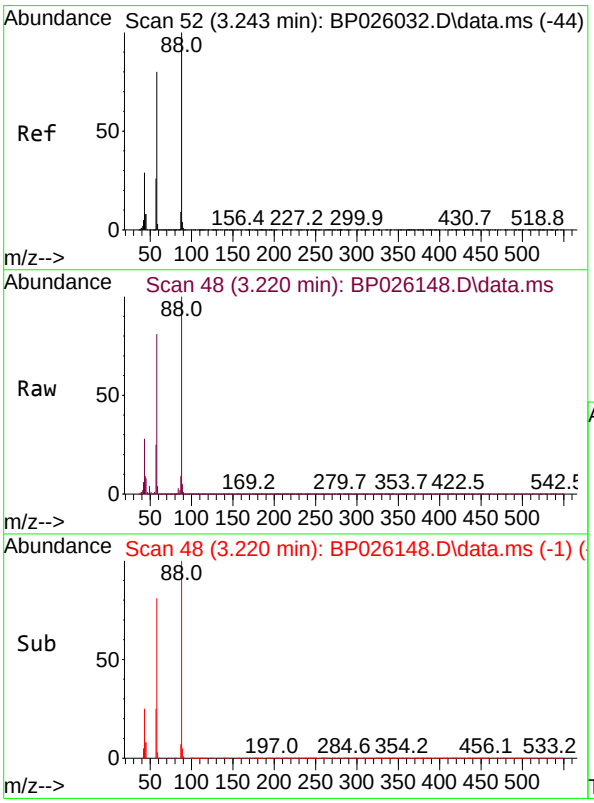

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 284760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 123.0 | 184.6 |
| 115 | 61.0 | 46.3 | 69.5 |

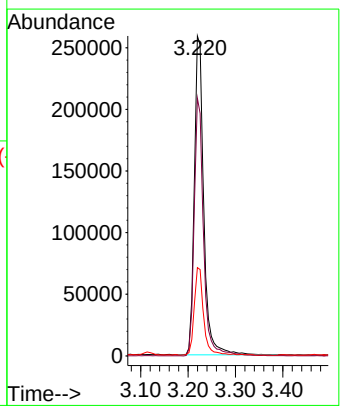


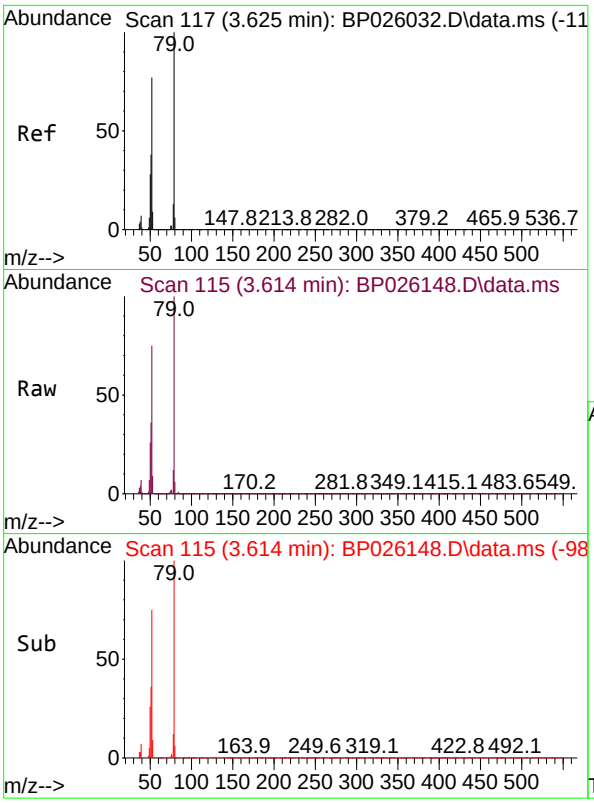




#2
1,4-Dioxane
Concen: 49.304 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 88 Resp: 357043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.2 | 64.2 | 96.4 |
| 43 | 27.0 | 21.5 | 32.3 |



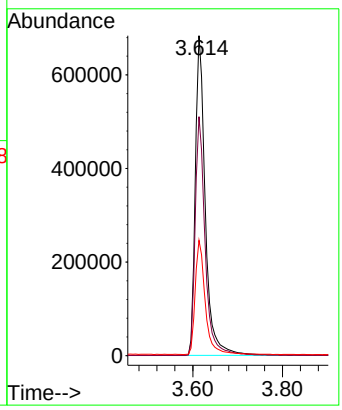


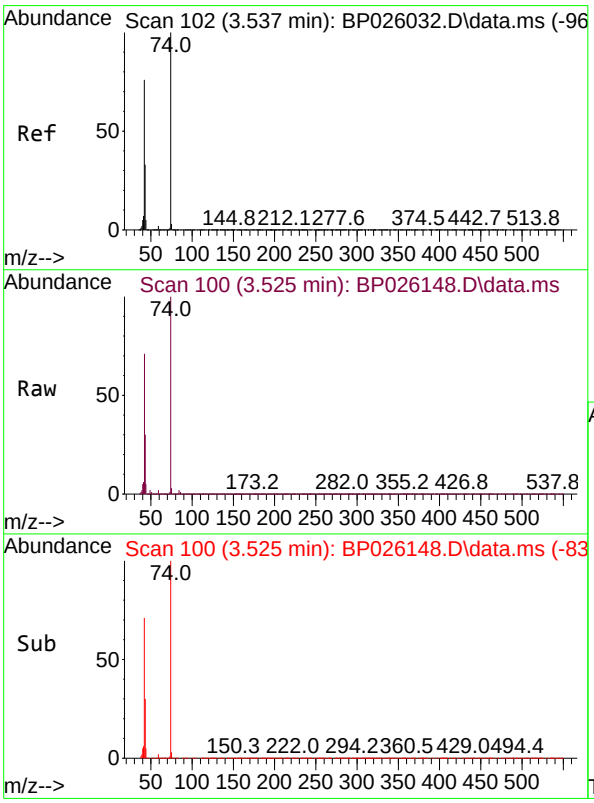

#3
Pyridine
Concen: 51.355 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 1057361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.7 | 60.2 | 90.2 |
| 51 | 36.0 | 29.5 | 44.3 |

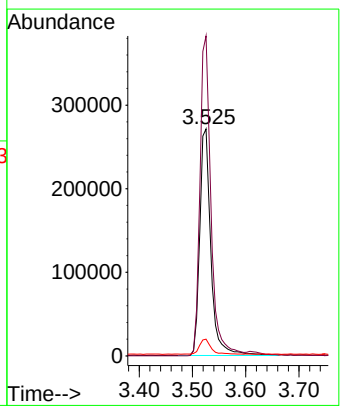


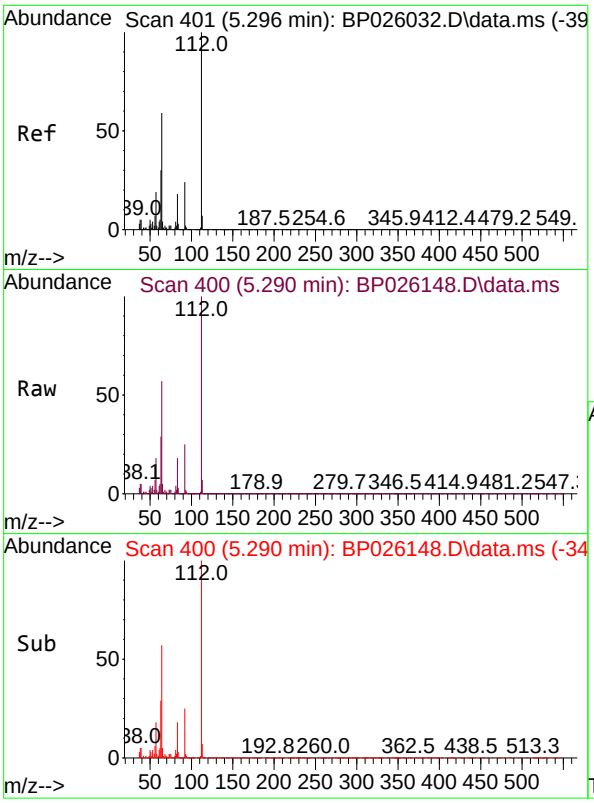




#4
n-Nitrosodimethylamine
Concen: 48.177 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 42 Resp: 393135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.0 | 118.1 | 177.1 |
| 44 | 7.4 | 6.2 | 9.4 |



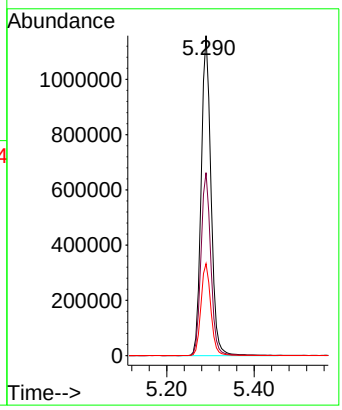


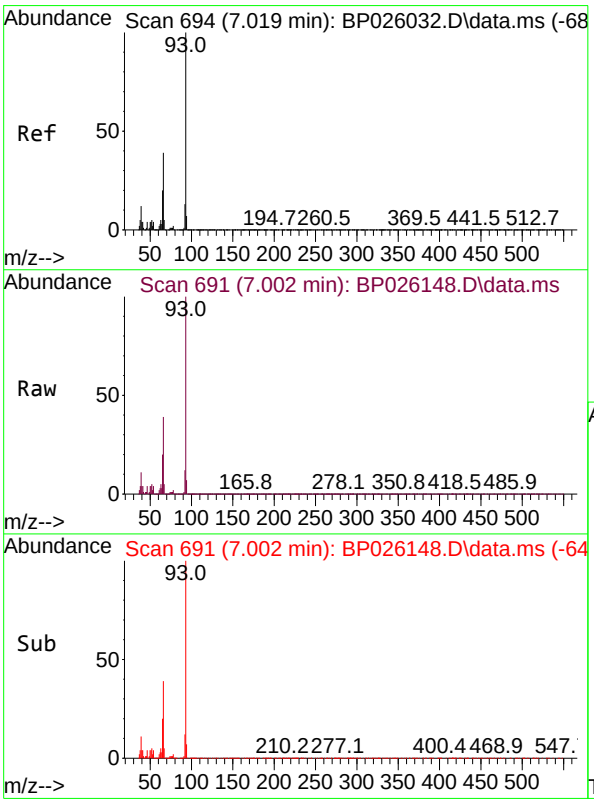

#5
2-Fluorophenol
Concen: 103.554 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:112 Resp: 1787355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.2 | 45.8 | 68.6 |
| 63 | 28.8 | 23.5 | 35.3 |

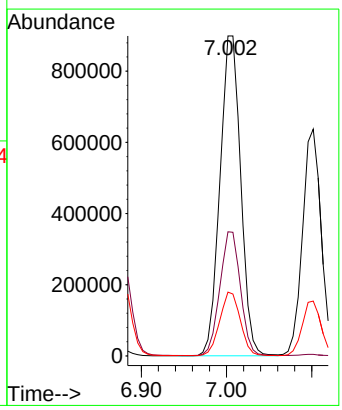


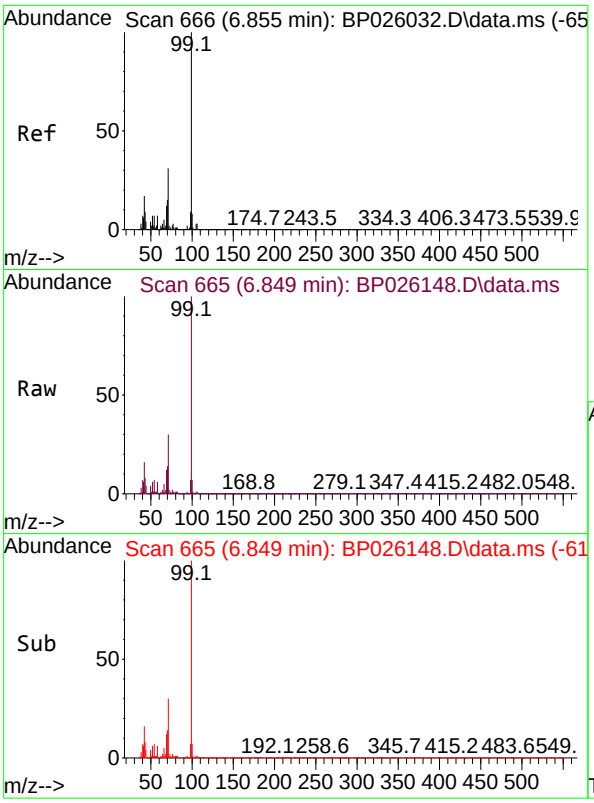




#6
Aniline
Concen: 52.159 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 93 Resp: 1522371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.8 | 31.7 | 47.5 |
| 65 | 19.9 | 15.8 | 23.6 |



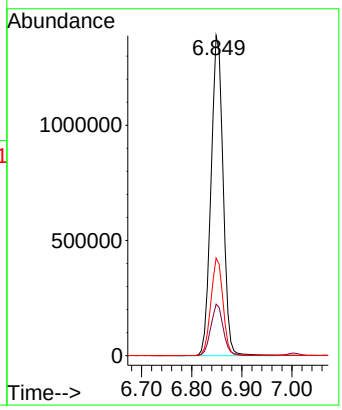


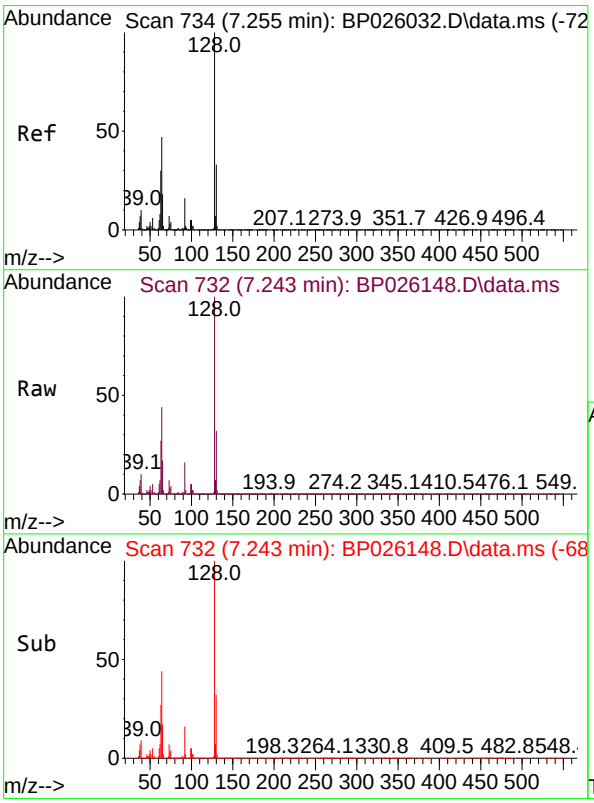

#7
Phenol-d6
Concen: 106.156 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 99 Resp: 2324244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 12.9 | 19.3 |
| 71 | 30.5 | 24.8 | 37.2 |

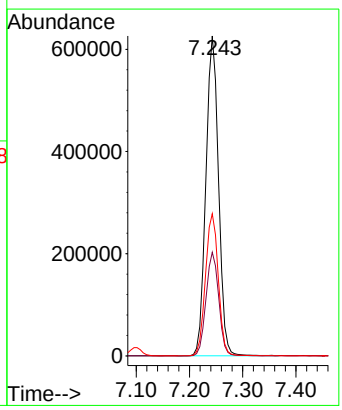


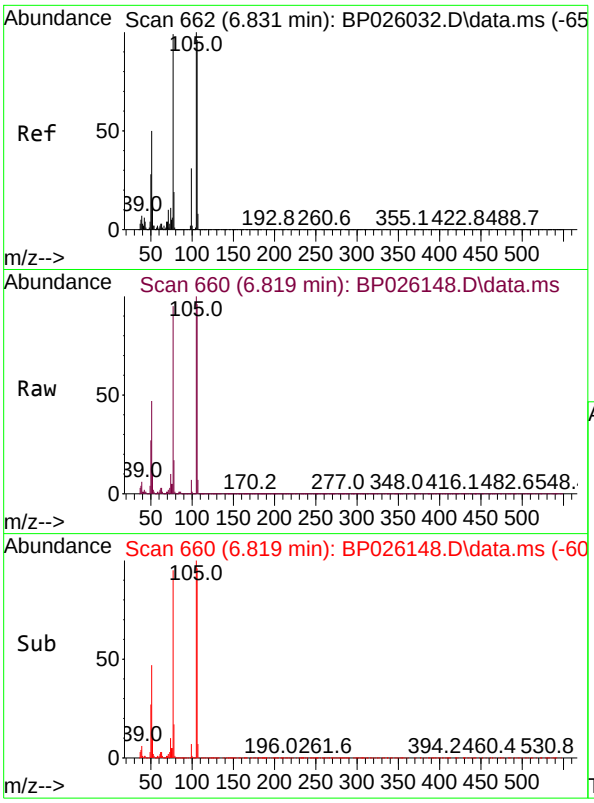




#8
2-Chlorophenol
Concen: 54.061 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:128 Resp: 1033720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 12.4 | 52.4 |
| 64 | 44.4 | 23.9 | 63.9 |



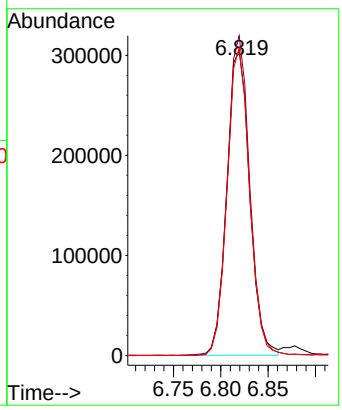


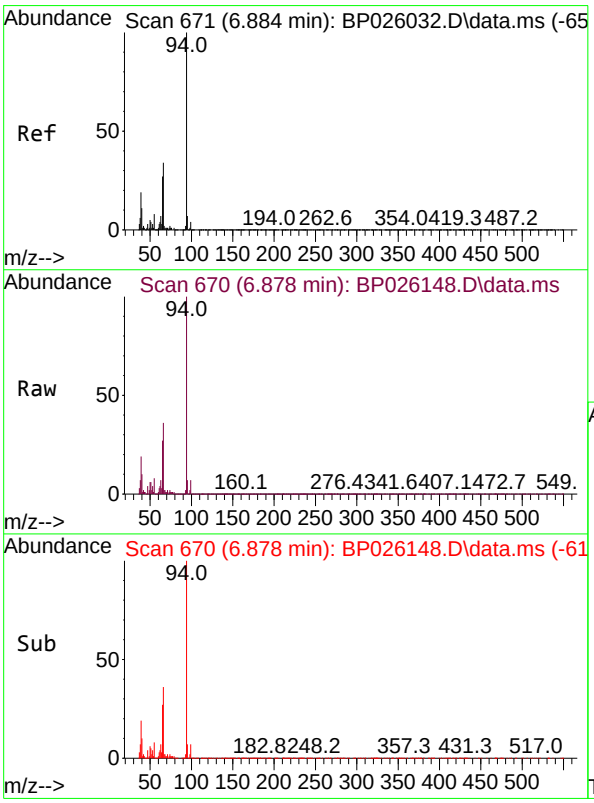

#9
Benzaldehyde
Concen: 46.418 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 511940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.0 | 82.9 | 122.9 |
| 106 | 101.0 | 77.8 | 117.8 |

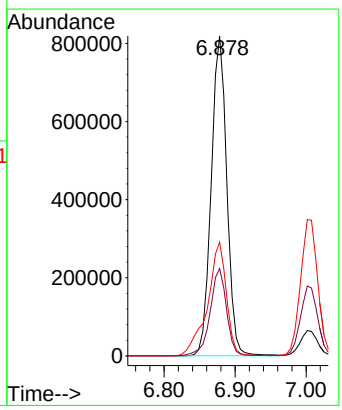


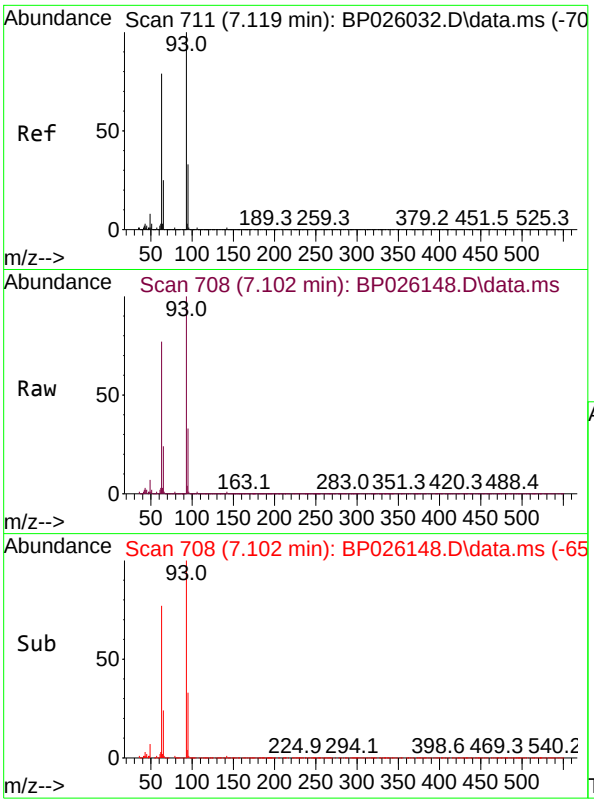




#10
Phenol
Concen: 51.731 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 94 Resp: 1252505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.3 | 7.0 | 47.0 |
| 66 | 35.5 | 14.5 | 54.5 |



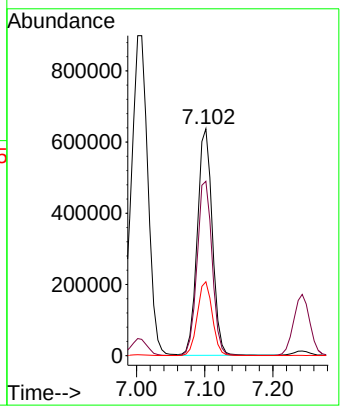


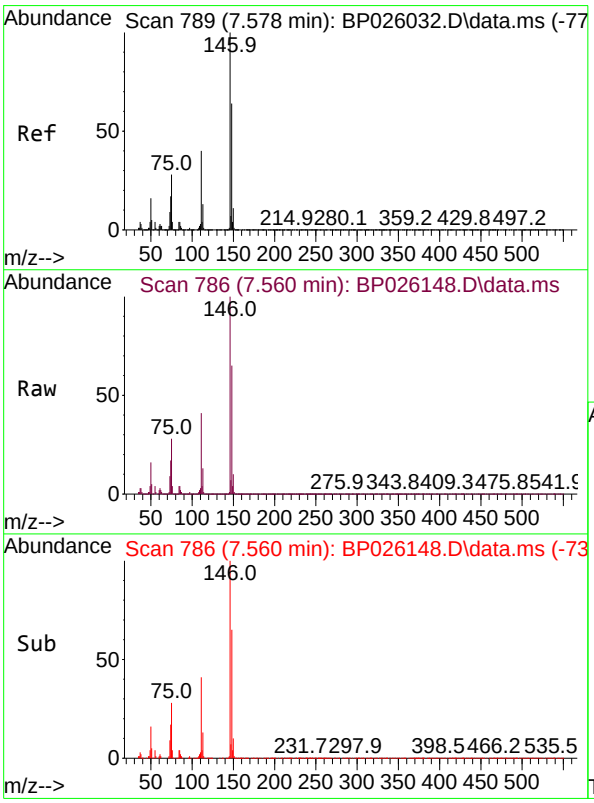

#11
bis(2-Chloroethyl)ether
Concen: 50.634 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 93 Resp: 970673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.9 | 58.8 | 98.8 |
| 95 | 32.6 | 12.1 | 52.1 |

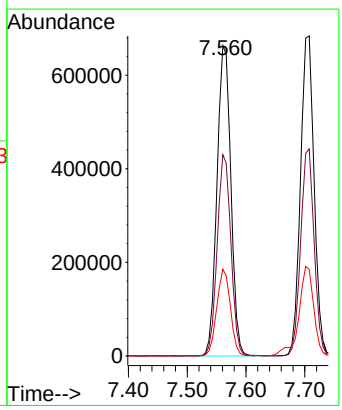


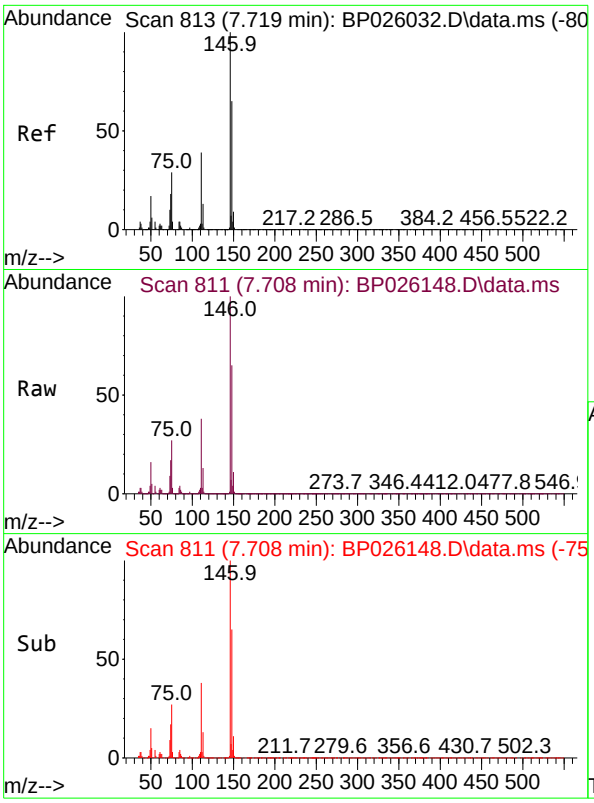




#12
1,3-Dichlorobenzene
Concen: 49.825 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:146 Resp: 1088080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 27.9 | 22.2 | 33.2 |



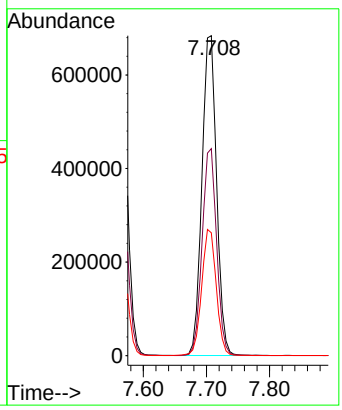


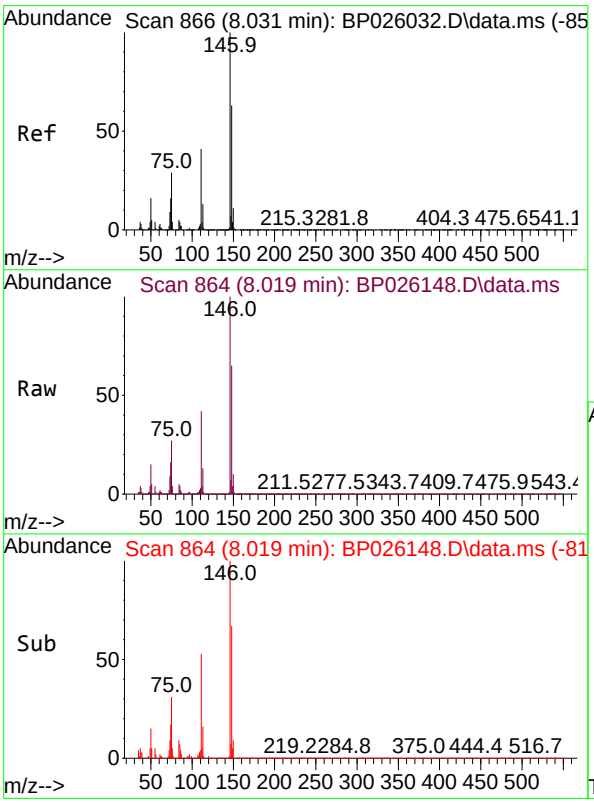

#13
1,4-Dichlorobenzene
Concen: 49.770 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:146 Resp: 1100252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.4 | 77.2 |
| 111 | 38.4 | 31.7 | 47.5 |

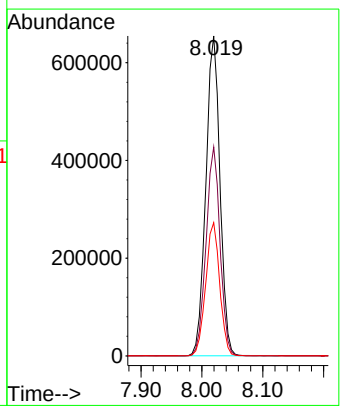


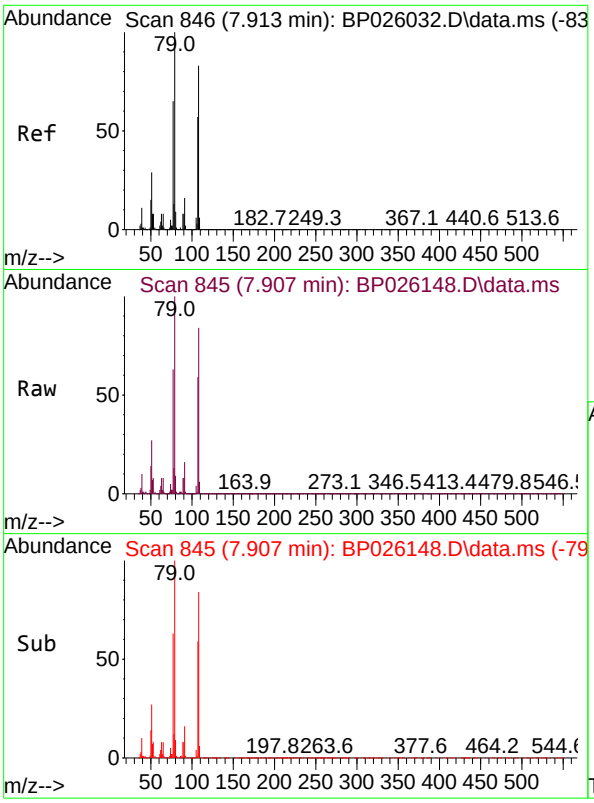




#14
1,2-Dichlorobenzene
Concen: 49.909 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:146 Resp: 1053763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 51.0 | 76.6 |
| 111 | 41.6 | 33.0 | 49.4 |



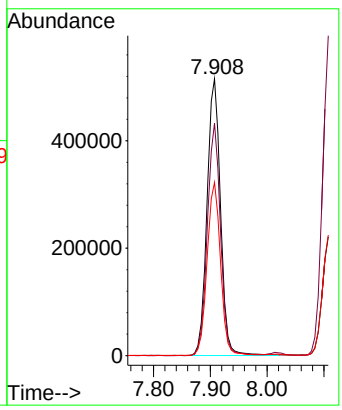


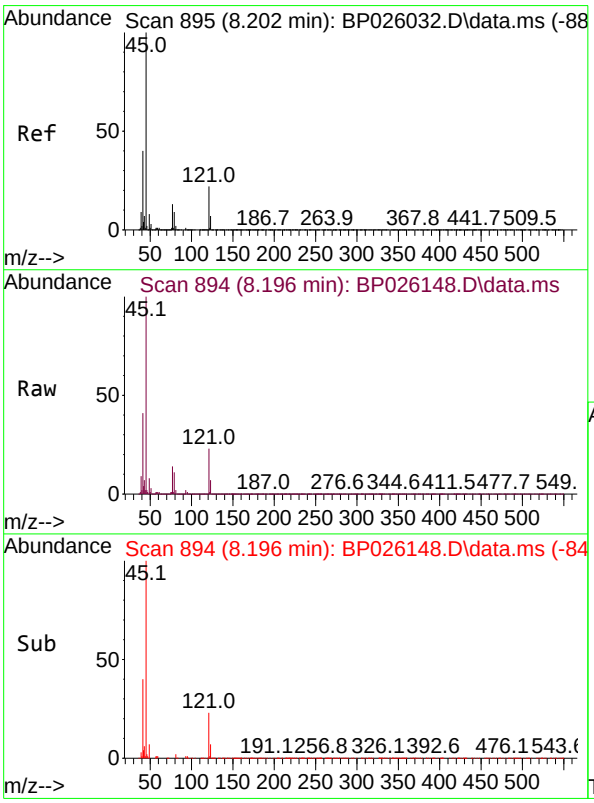

#15
Benzyl Alcohol
Concen: 53.672 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 849842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.1 | 66.2 | 99.4 |
| 77 | 62.6 | 50.0 | 75.0 |

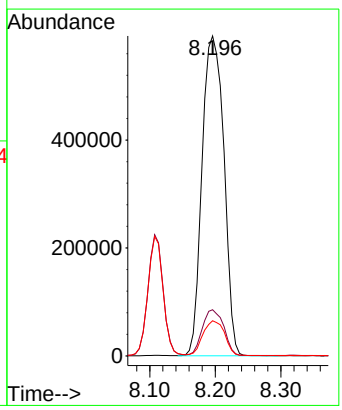


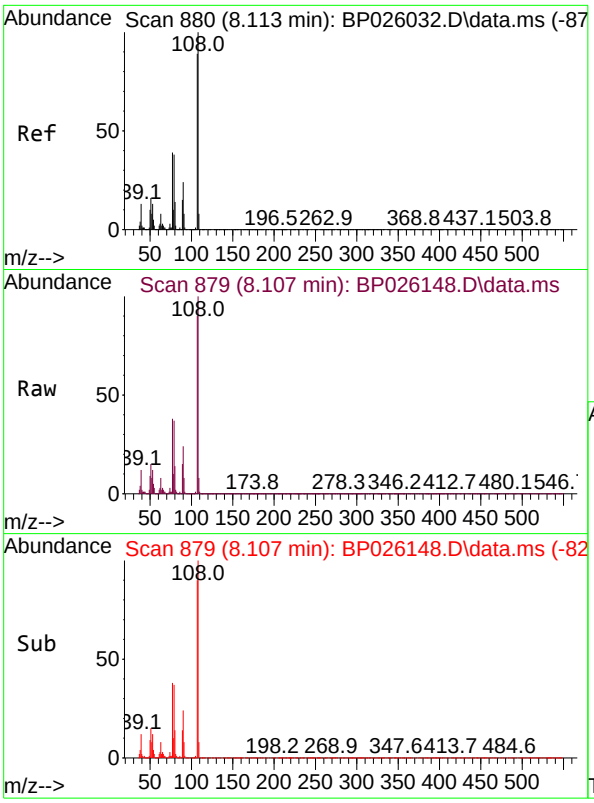




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.705 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 45 Resp: 1369615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.4 | 0.0 | 33.9 |
| 79 | 11.0 | 0.0 | 30.4 |



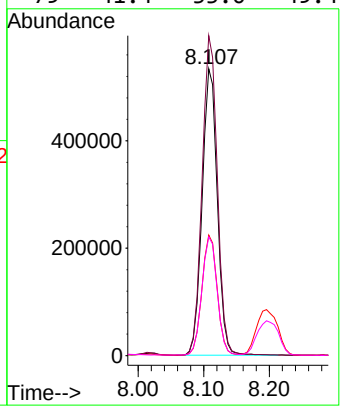


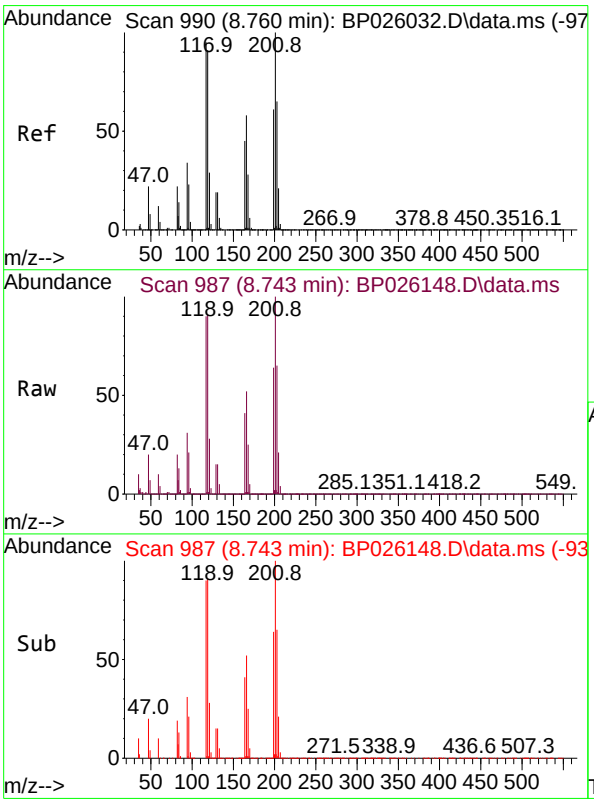

#17
2-Methylphenol
Concen: 53.750 ng
RT: 8.107 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:107 Resp: 855650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.6 | 89.7 | 134.5 |
| 77 | 42.1 | 33.9 | 50.9 |
| 79 | 41.4 | 33.0 | 49.4 |

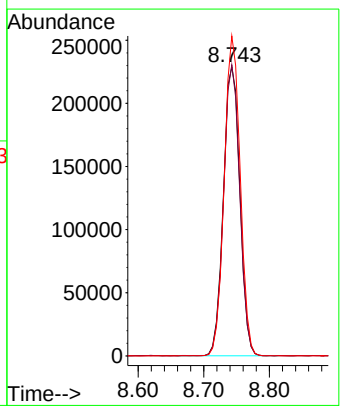


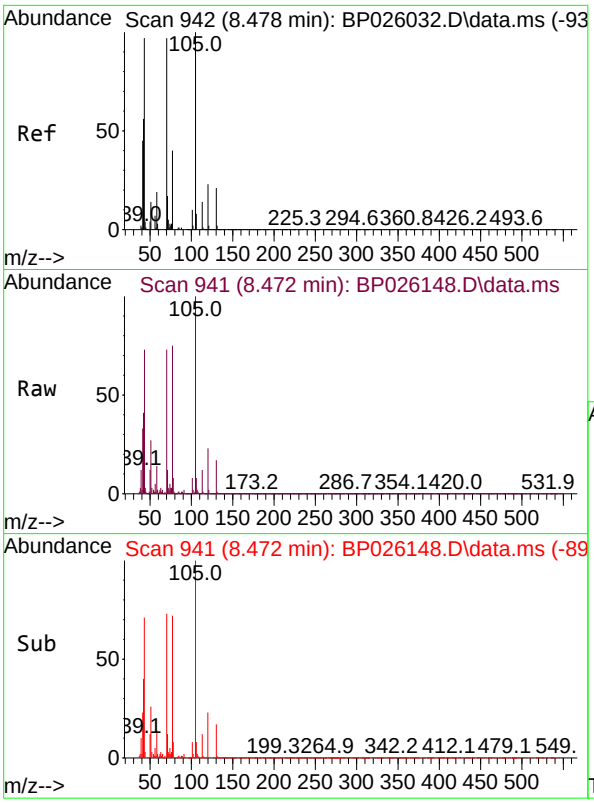




#18
Hexachloroethane
Concen: 52.632 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:117 Resp: 401949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.7 | 78.7 | 118.1 |
| 201 | 110.7 | 85.1 | 127.7 |



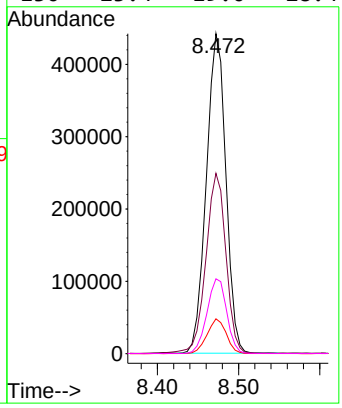


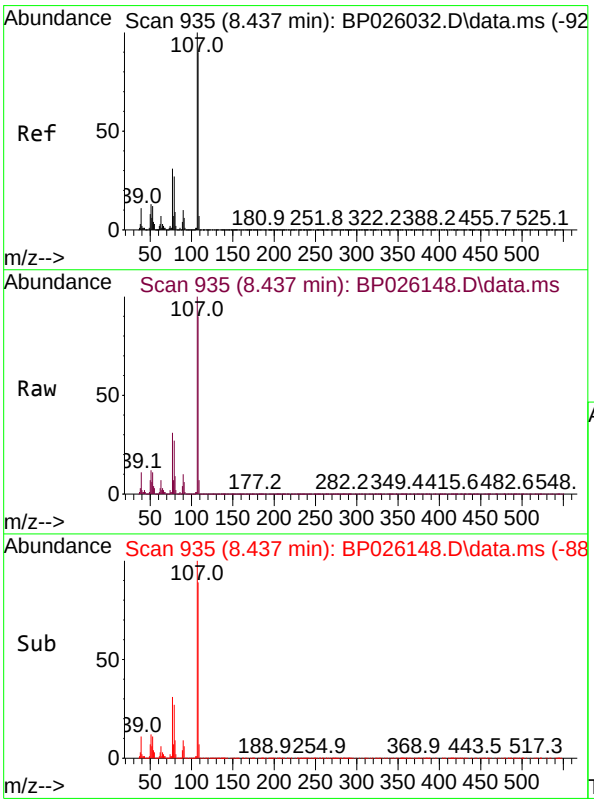

#19
n-Nitroso-di-n-propylamine
Concen: 54.488 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 70 Resp: 739380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.3 | 44.1 | 66.1 |
| 101 | 10.9 | 8.2 | 12.4 |
| 130 | 23.4 | 19.0 | 28.4 |

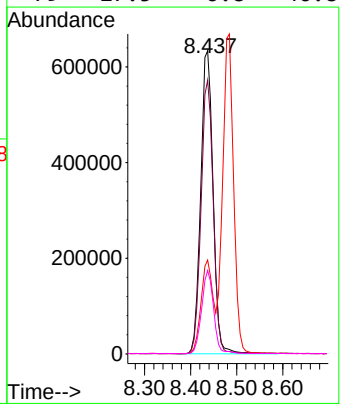


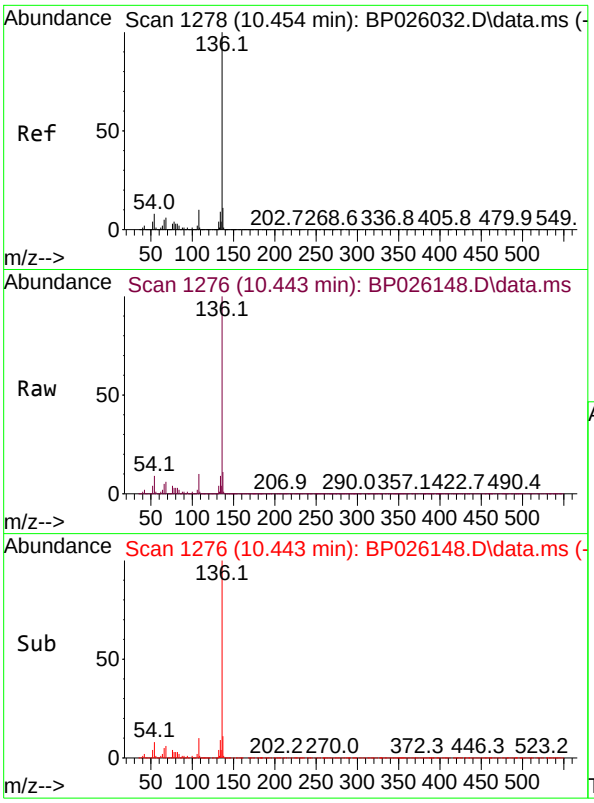




#20
3+4-Methylphenols
Concen: 53.045 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:107 Resp: 1173430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.3 | 68.9 | 108.9 |
| 77 | 31.0 | 10.4 | 50.4 |
| 79 | 27.5 | 6.8 | 46.8 |



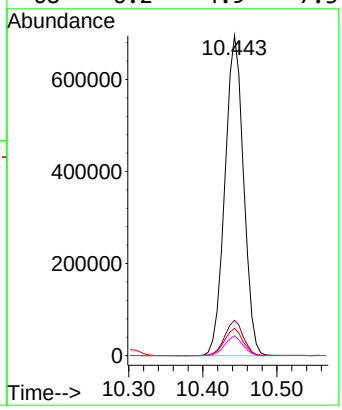


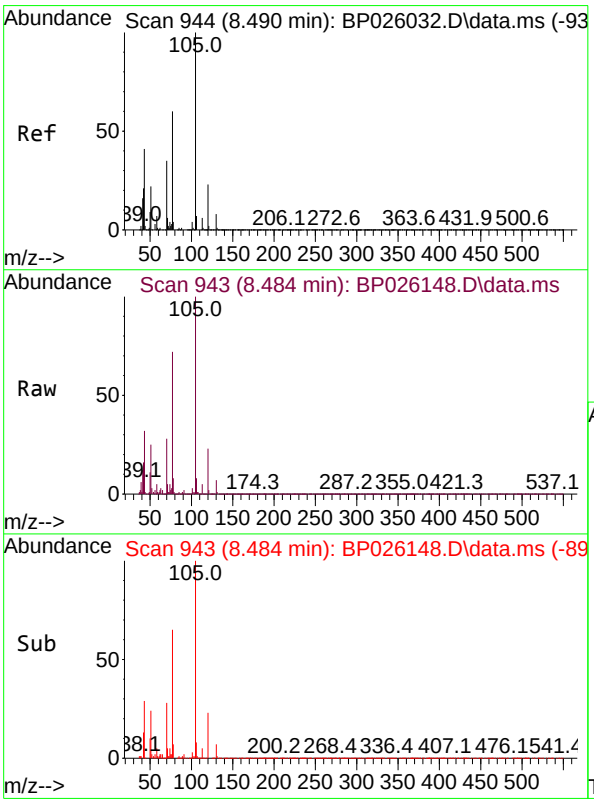

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:136 Resp: 1214236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.5 | 6.4 | 9.6 |
| 68 | 6.2 | 4.9 | 7.3 |

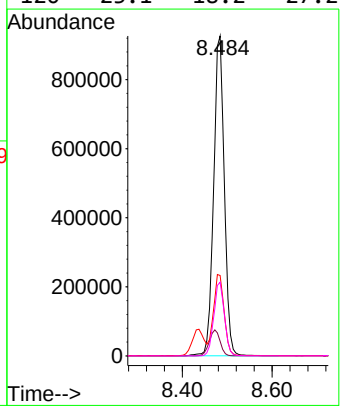


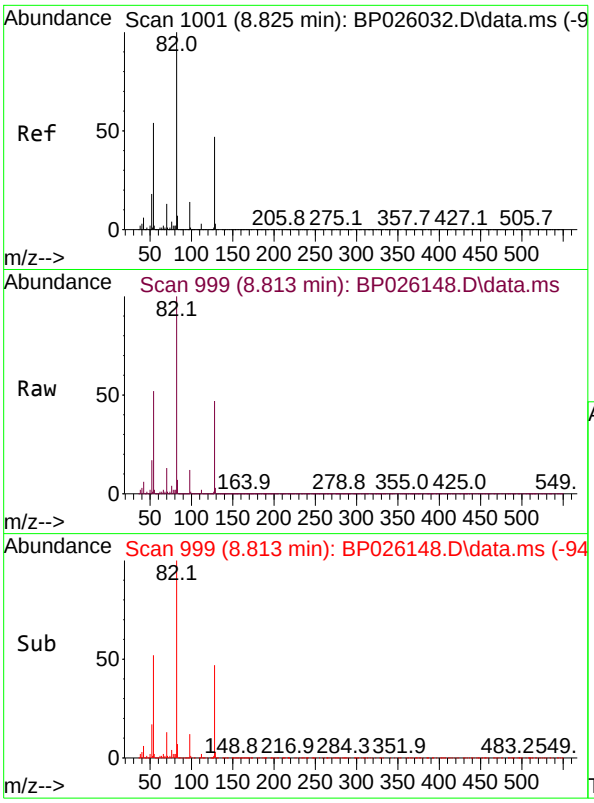




#22
Acetophenone
Concen: 49.988 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:105 Resp: 1530333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.6 | 3.0 | 4.4# |
| 51 | 25.1 | 20.5 | 30.7 |
| 120 | 23.1 | 18.2 | 27.2 |



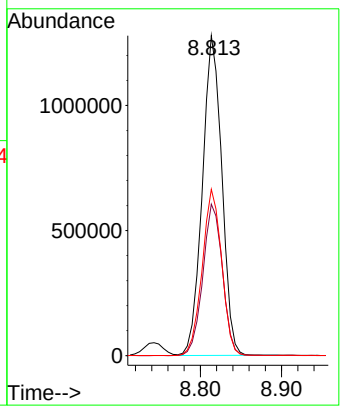


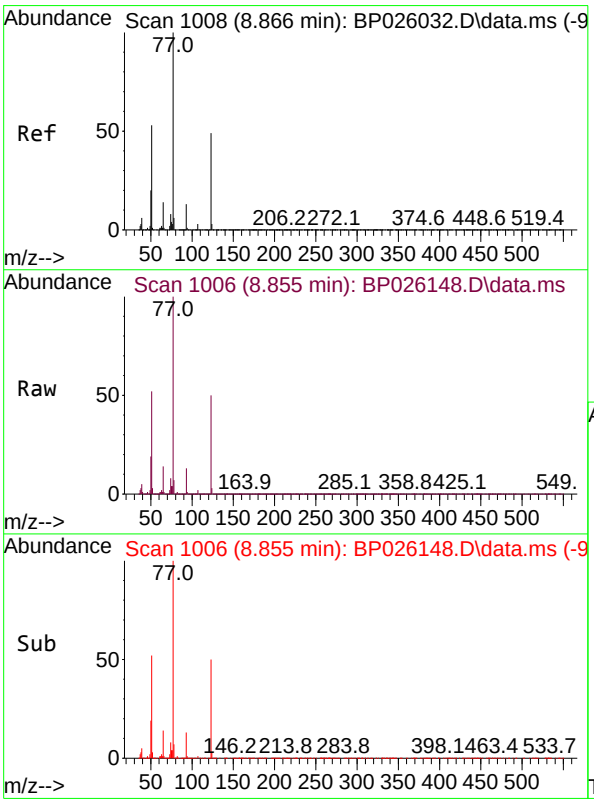

#23
Nitrobenzene-d5
Concen: 108.572 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 2130648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 37.4 | 56.0 |
| 54 | 52.0 | 41.6 | 62.4 |

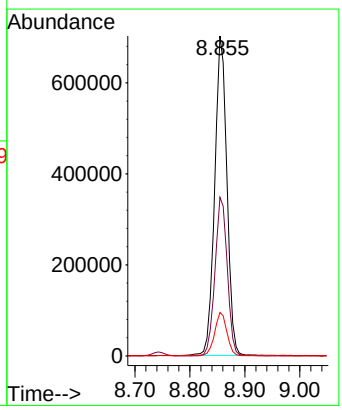


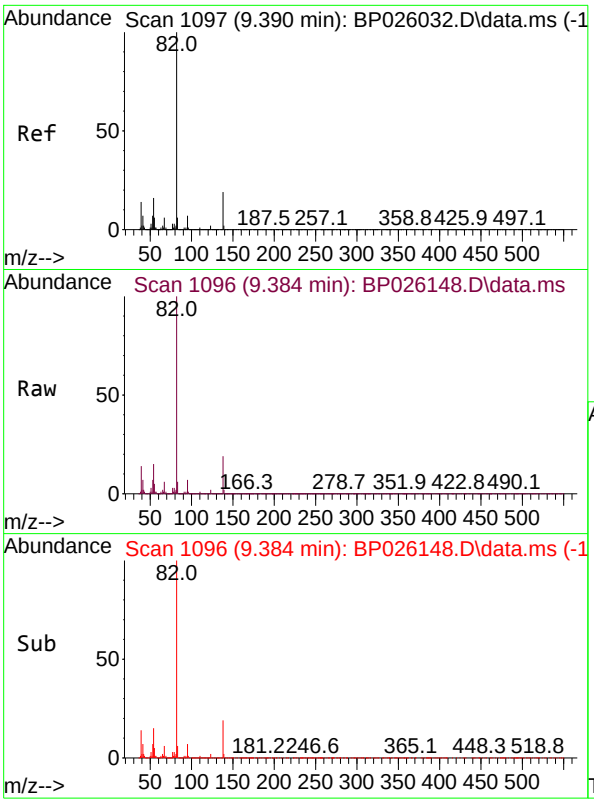




#24
Nitrobenzene
Concen: 52.708 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 77 Resp: 1083333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.5 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |



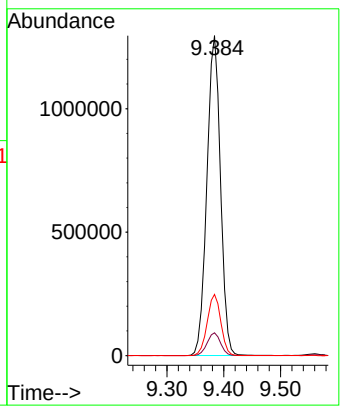


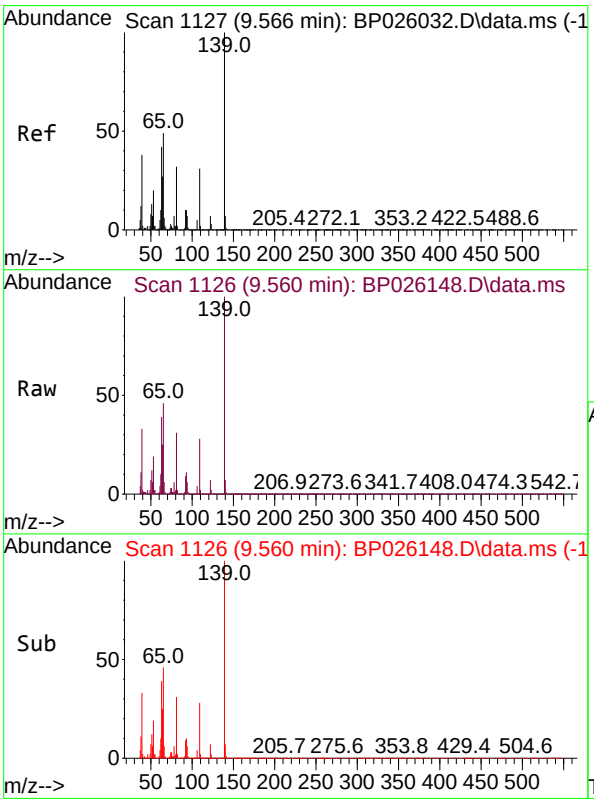

#25
Isophorone
Concen: 51.899 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 2155778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 19.1 | 15.4 | 23.0 |

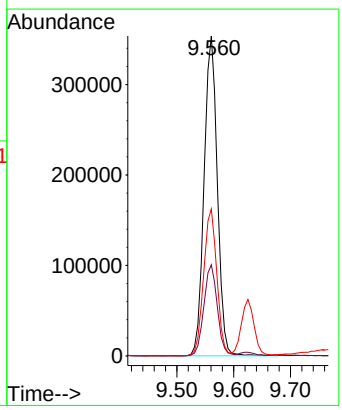


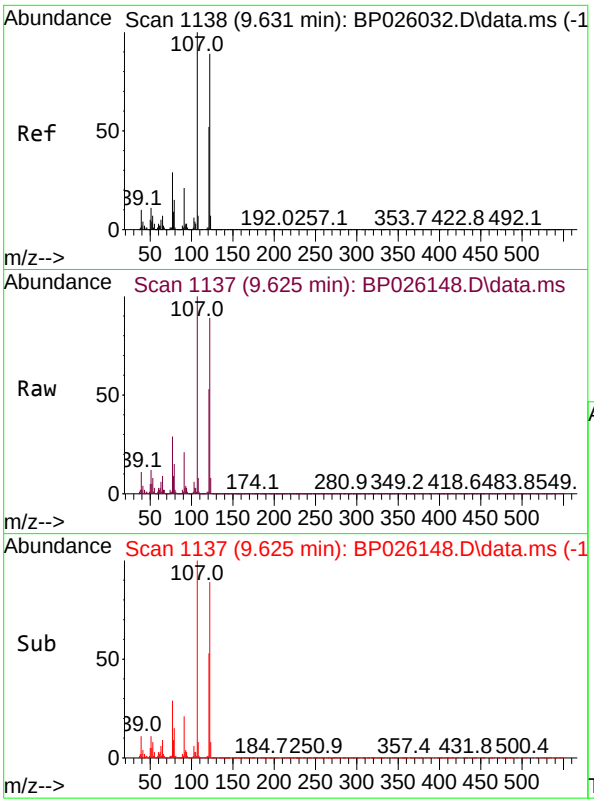




#26
2-Nitrophenol
Concen: 81.975 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:139 Resp: 575059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.5 | 22.3 | 33.5 |
| 65 | 45.9 | 37.2 | 55.8 |



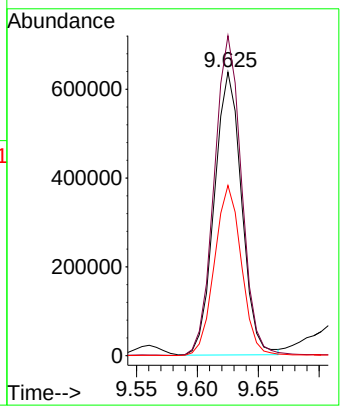


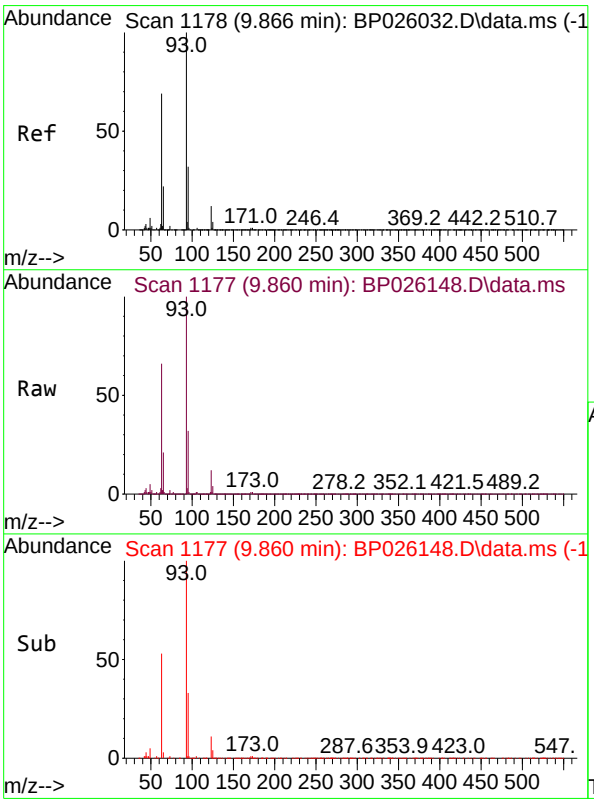

#27
2,4-Dimethylphenol
Concen: 56.199 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:122 Resp: 996274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.9 | 91.0 | 136.6 |
| 121 | 60.1 | 47.0 | 70.6 |

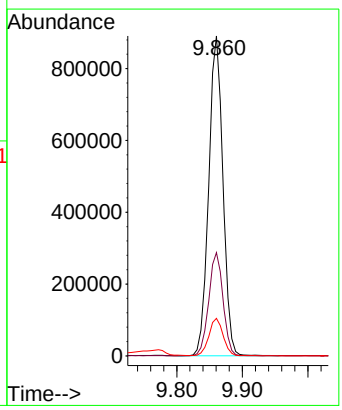


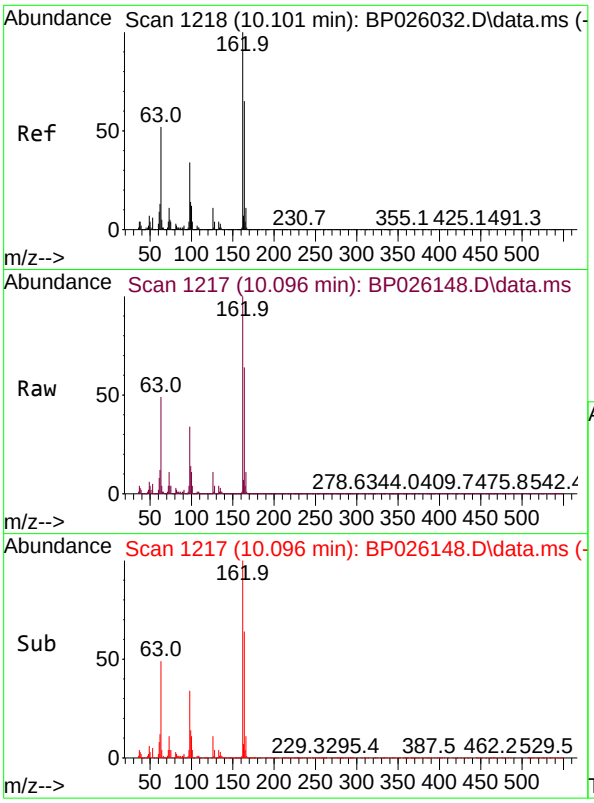




#28
bis(2-Chloroethoxy)methane
Concen: 51.133 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 93 Resp: 1340577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.4 | 39.6 |
| 123 | 11.7 | 9.4 | 14.0 |



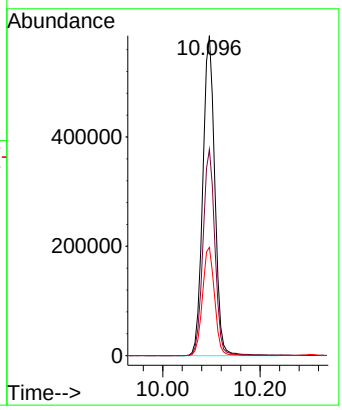


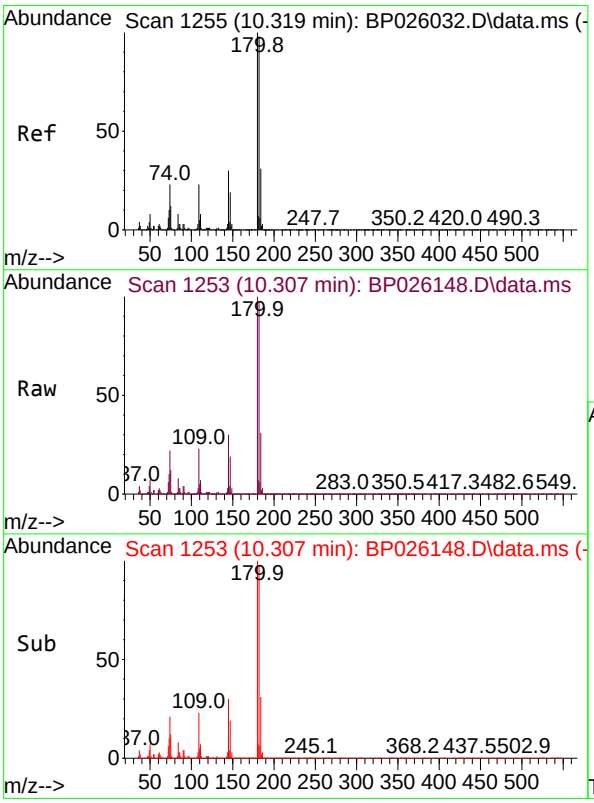

#29
2,4-Dichlorophenol
Concen: 54.165 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 1002063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.4 | 43.8 | 83.8 |
| 98 | 33.8 | 14.1 | 54.1 |

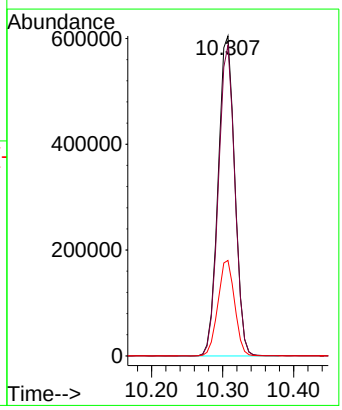


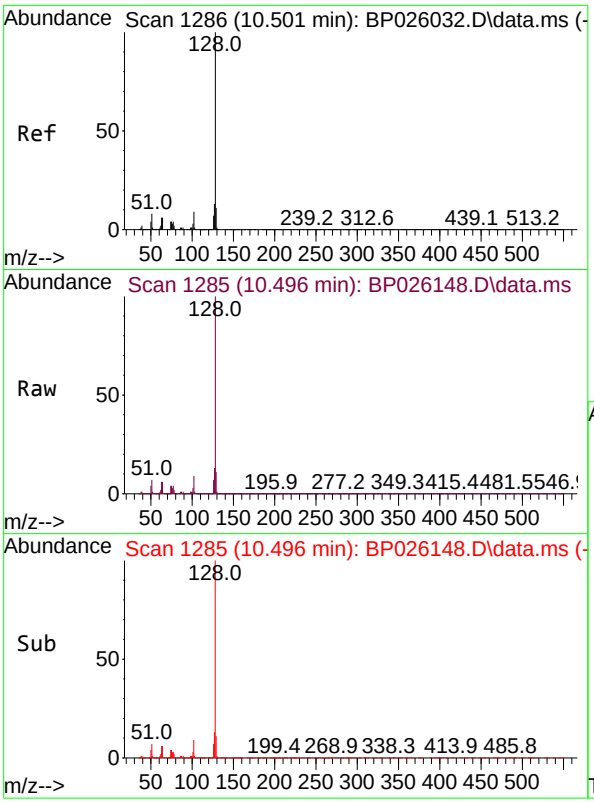




#30
1,2,4-Trichlorobenzene
Concen: 49.160 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:180 Resp: 986319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 78.1 | 117.1 |
| 145 | 29.8 | 24.2 | 36.4 |



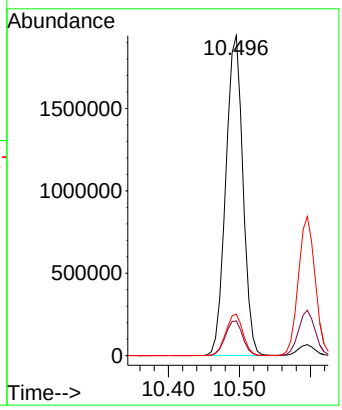


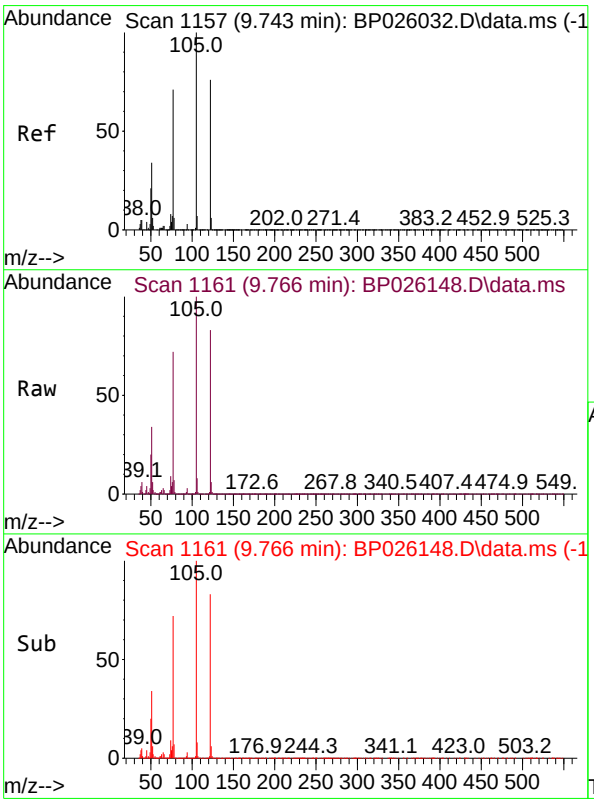

#31
Naphthalene
Concen: 49.431 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:128 Resp: 3258341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.6 |
| 127 | 13.0 | 10.2 | 15.4 |

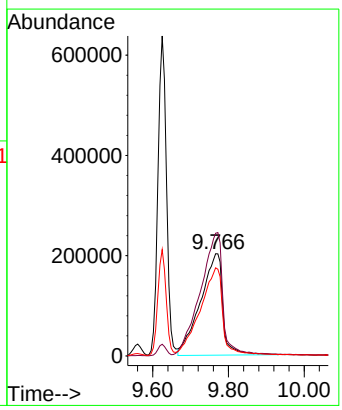


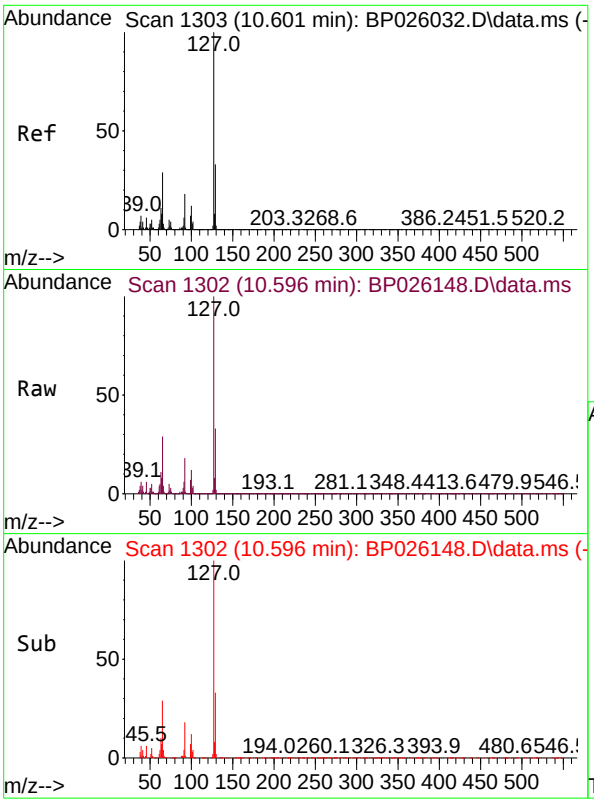




#32
Benzoic acid
Concen: 78.248 ng
RT: 9.766 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:122 Resp: 836318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.1 | 100.1 | 140.1 |
| 77 | 86.2 | 66.7 | 106.7 |



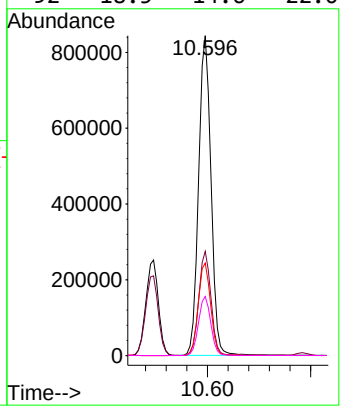


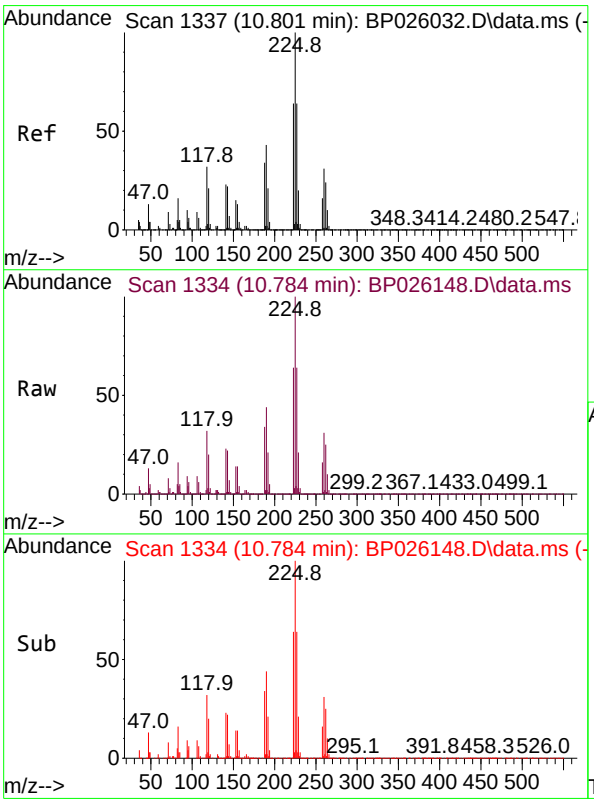

#33
4-Chloroaniline
Concen: 54.856 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:127 Resp: 1404875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 25.8 | 38.8 |
| 65 | 28.9 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |

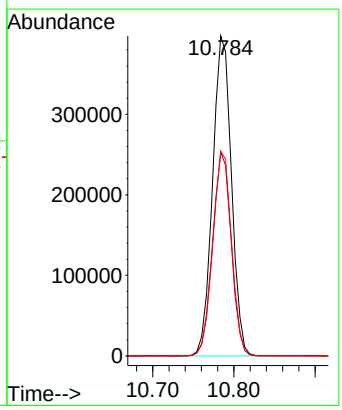


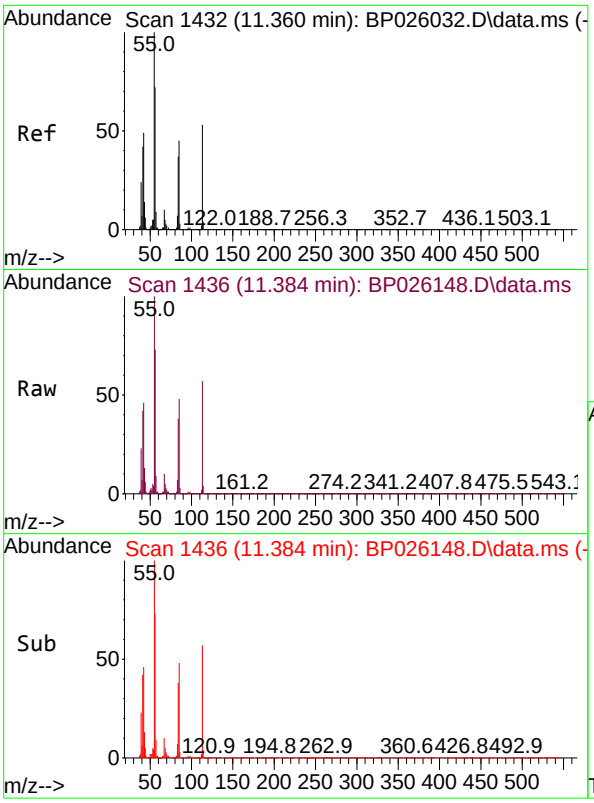




#34
Hexachlorobutadiene
Concen: 49.818 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:225 Resp: 639671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.7 | 49.6 | 74.4 |
| 227 | 63.9 | 51.2 | 76.8 |



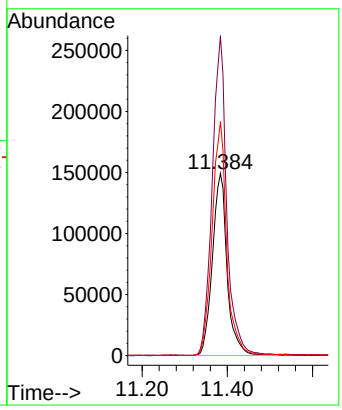


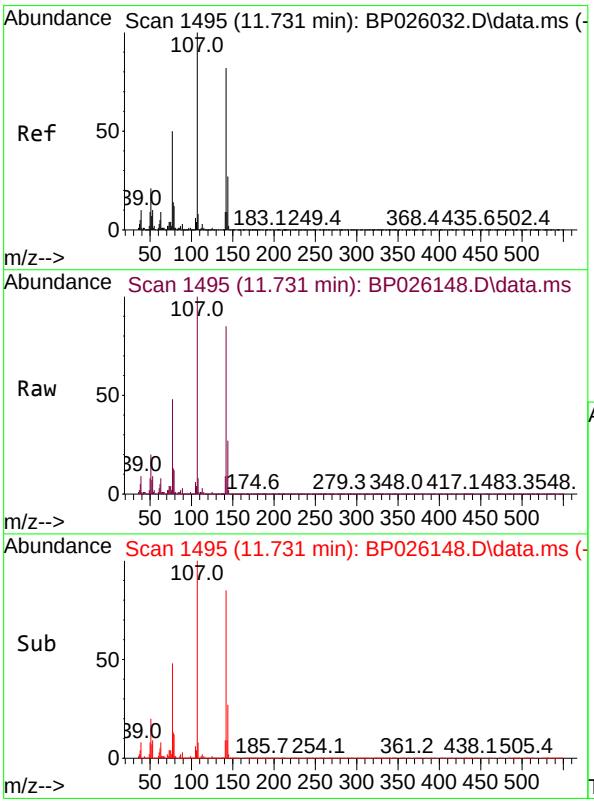

#35
Caprolactam
Concen: 55.200 ng
RT: 11.384 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:113 Resp: 356958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 175.7 | 153.0 | 193.0 |
| 56 | 128.5 | 106.4 | 146.4 |

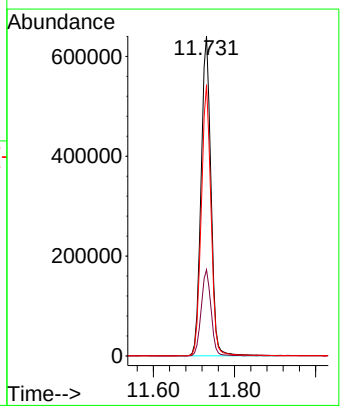


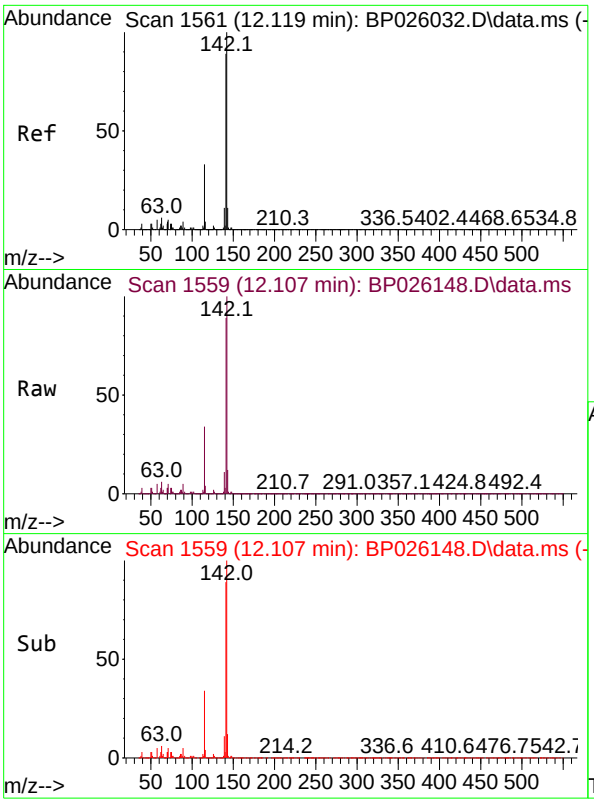




#36
4-Chloro-3-methylphenol
Concen: 55.785 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:107 Resp: 1079361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.9 | 21.6 | 32.4 |
| 142 | 84.7 | 65.6 | 98.4 |



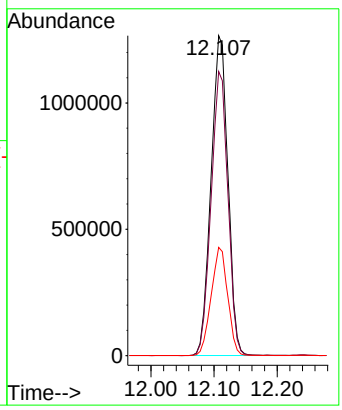


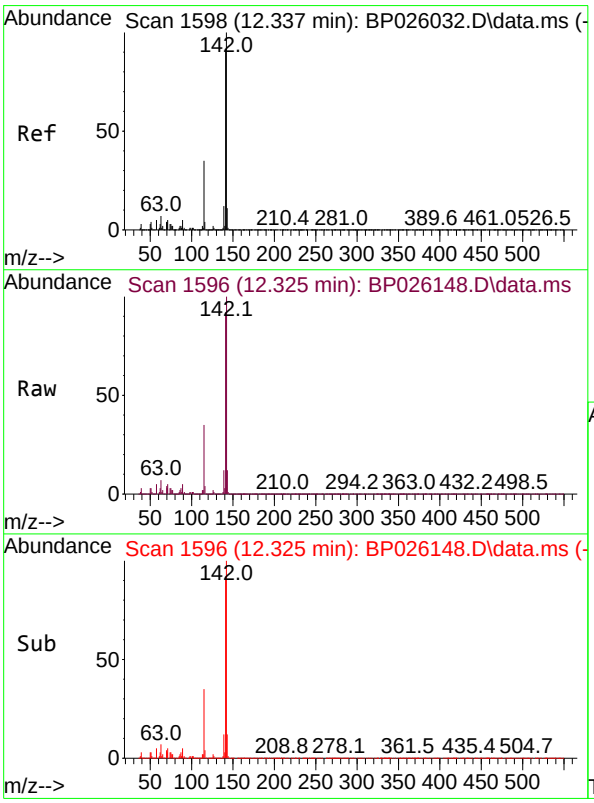

#37
2-Methylnaphthalene
Concen: 50.940 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:142 Resp: 2347741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 71.0 | 106.6 |
| 115 | 33.8 | 26.6 | 39.8 |

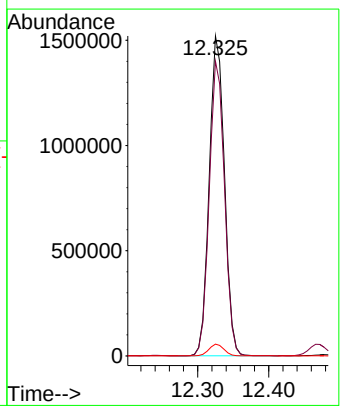


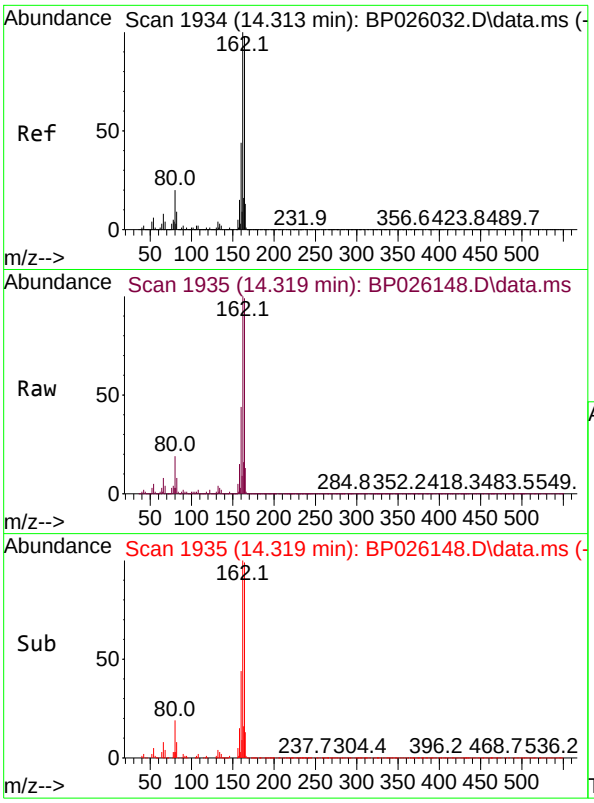




#38
1-Methylnaphthalene
Concen: 50.528 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:142 Resp: 2264098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |



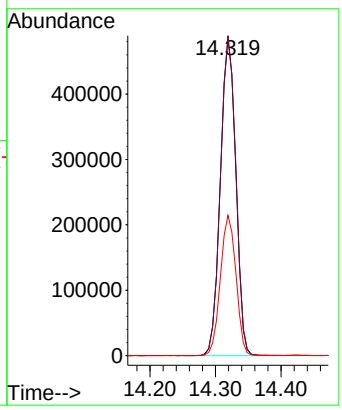


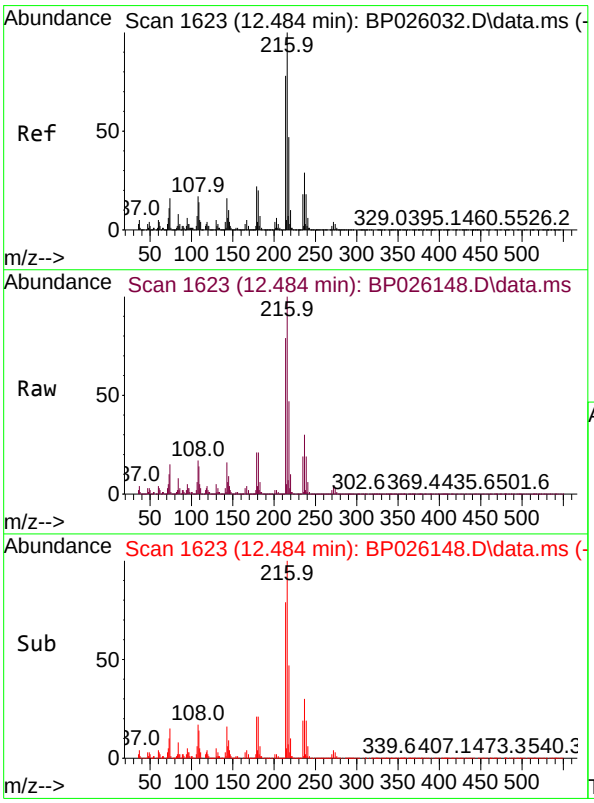

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:164 Resp: 797553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.3 | 120.5 |
| 160 | 44.3 | 35.2 | 52.8 |

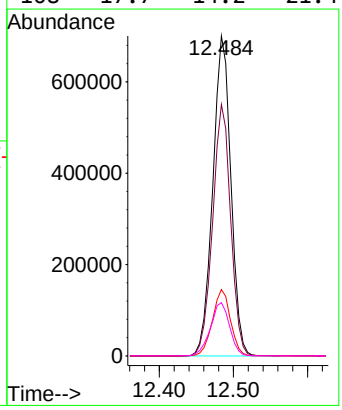


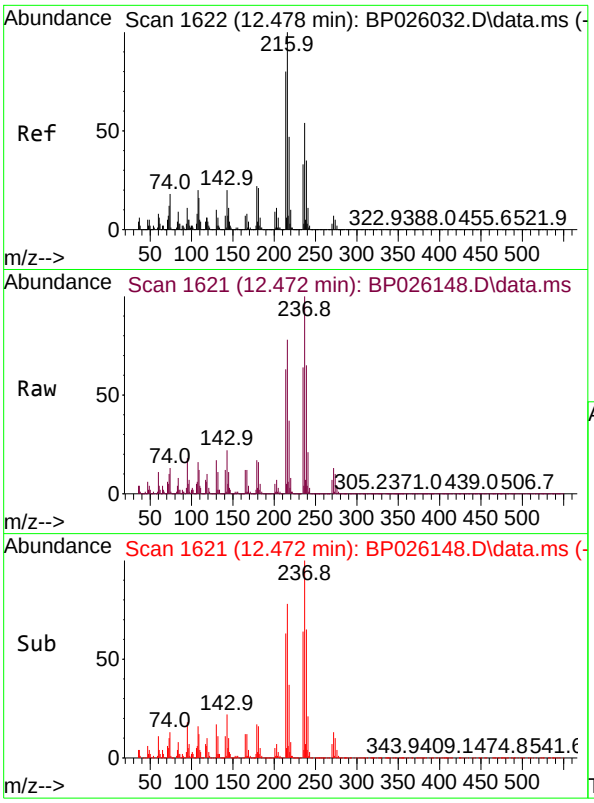




#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.999 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:216 Resp: 1184632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.7 | 14.2 | 21.4 |



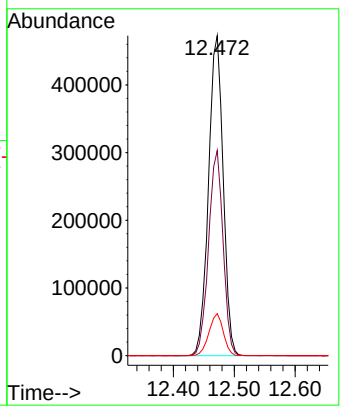


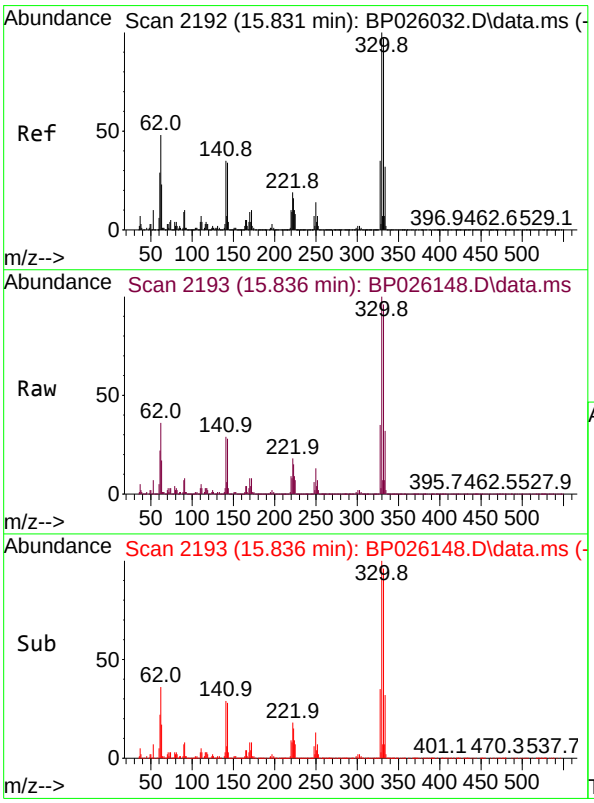

#41
Hexachlorocyclopentadiene
Concen: 76.949 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:237 Resp: 789794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.1 | 43.3 | 83.3 |
| 272 | 13.1 | 0.0 | 32.9 |

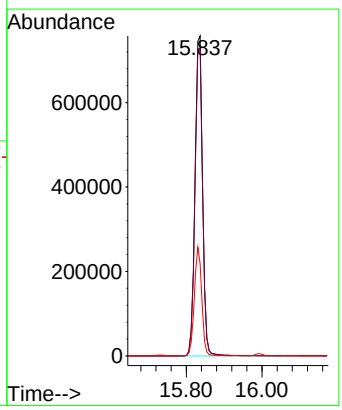


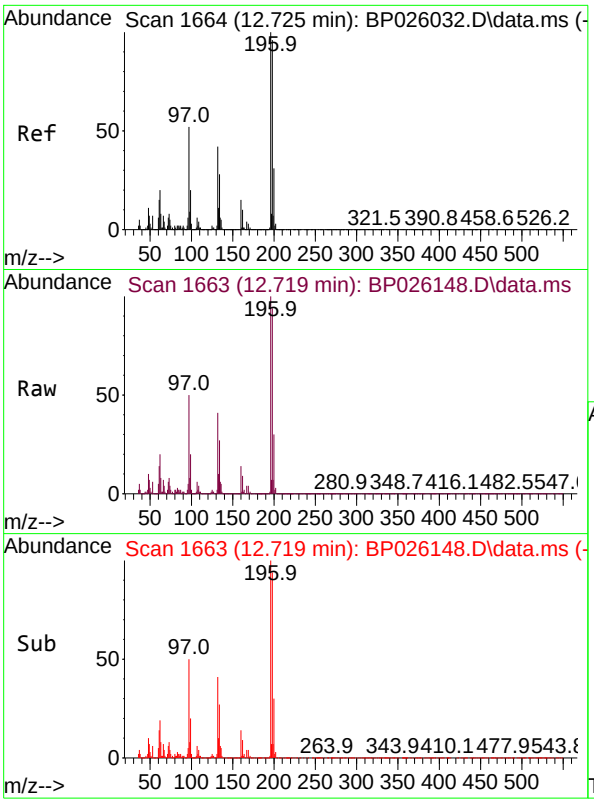




#42
2,4,6-Tribromophenol
Concen: 119.774 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:330 Resp: 1046471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 78.0 | 117.0 |
| 141 | 33.1 | 26.8 | 40.2 |



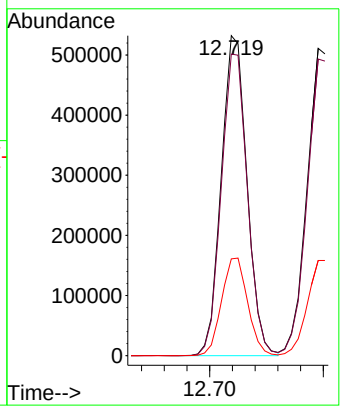


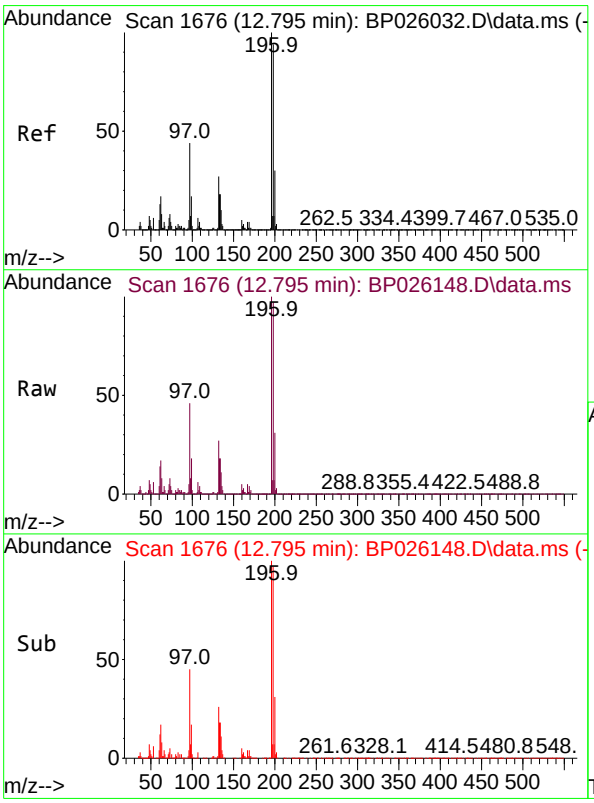

#43
2,4,6-Trichlorophenol
Concen: 56.757 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:196 Resp: 837942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.2 | 76.9 | 115.3 |
| 200 | 30.2 | 24.6 | 37.0 |

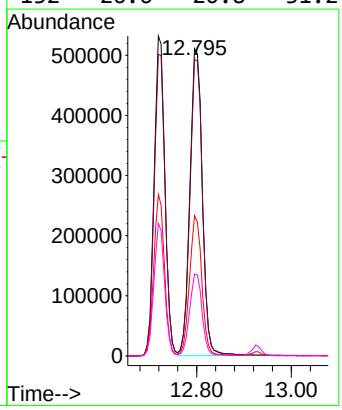


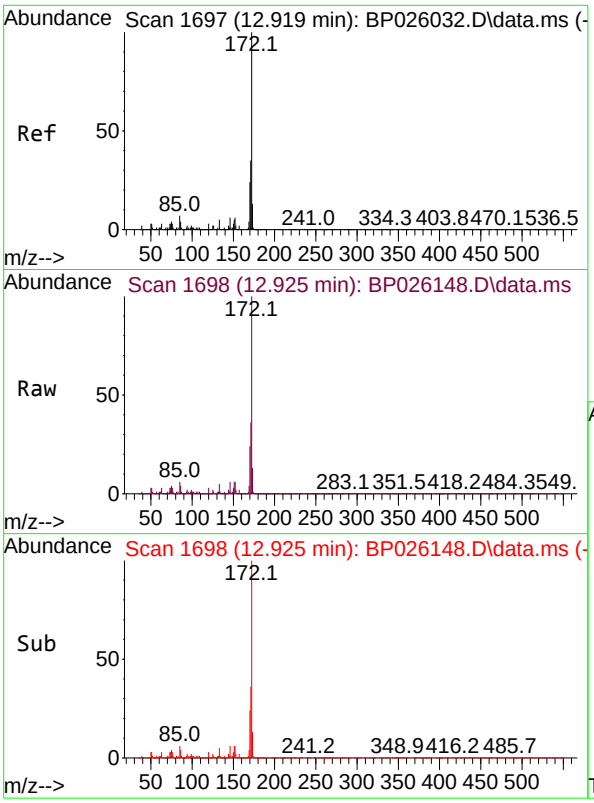




#44
2,4,5-Trichlorophenol
Concen: 55.717 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:196 Resp: 934561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.5 | 76.4 | 114.6 |
| 97 | 45.6 | 35.7 | 53.5 |
| 132 | 26.6 | 20.8 | 31.2 |



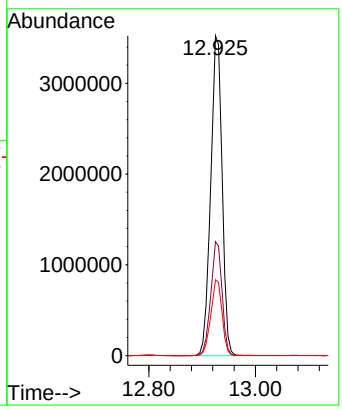


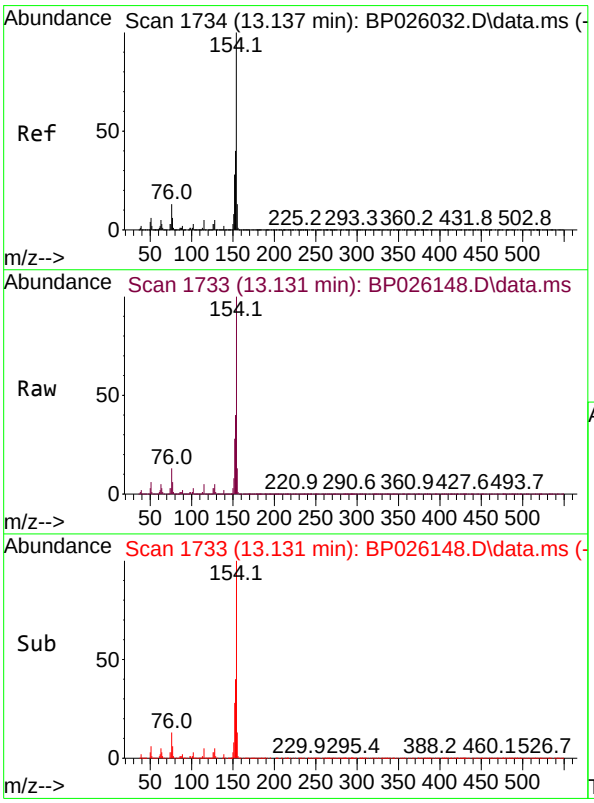

#45
2-Fluorobiphenyl
Concen: 94.988 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:172 Resp: 5250598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.2 | 42.4 |
| 170 | 23.7 | 18.7 | 28.1 |

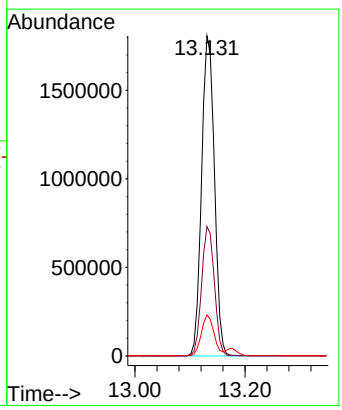


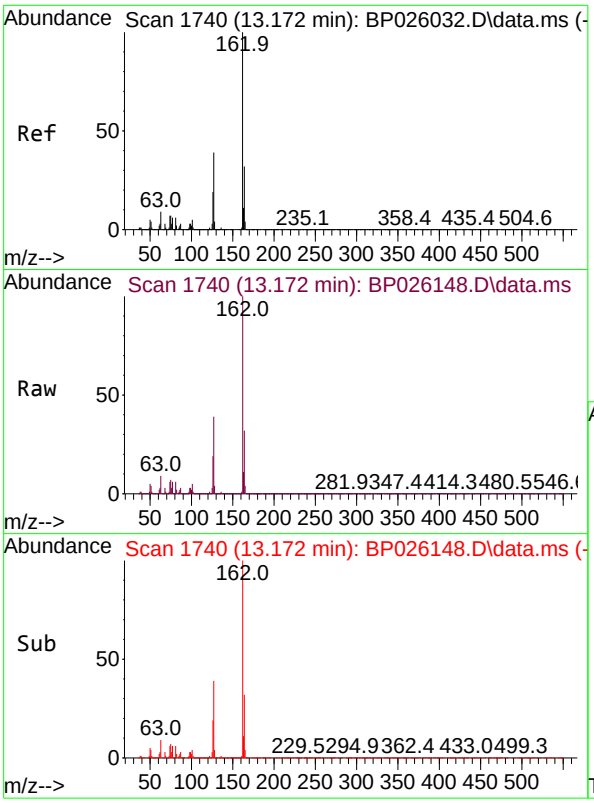




#46
1,1'-Biphenyl
Concen: 48.177 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2928877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 12.8 | 0.0 | 32.3 |



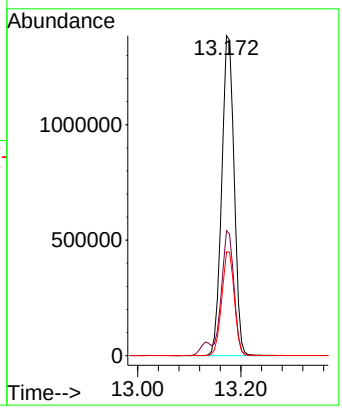


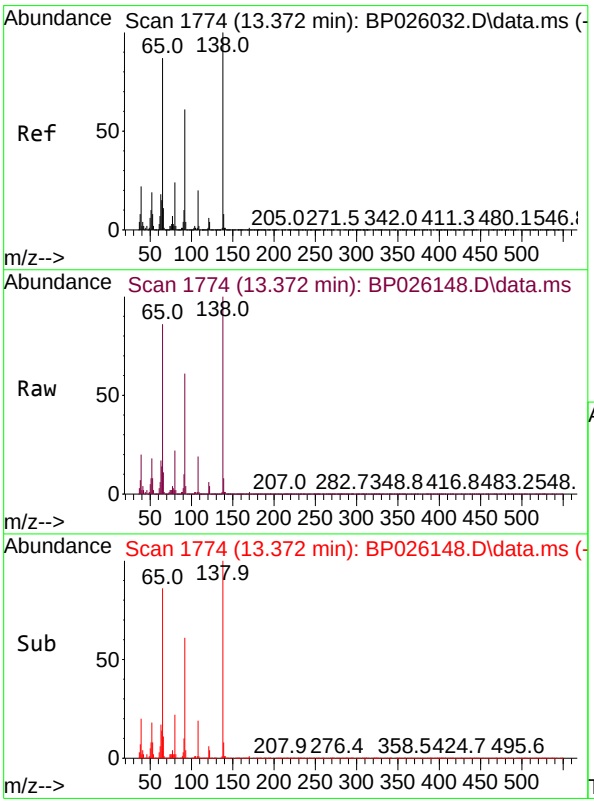

#47
2-Chloronaphthalene
Concen: 48.576 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 2321684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.0 | 30.9 | 46.3 |
| 164 | 32.4 | 26.4 | 39.6 |

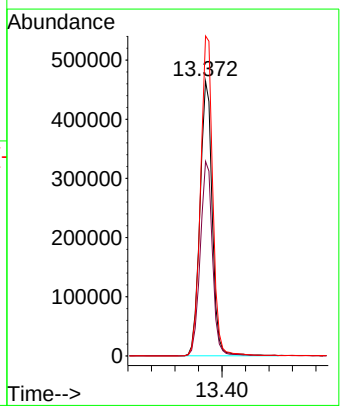


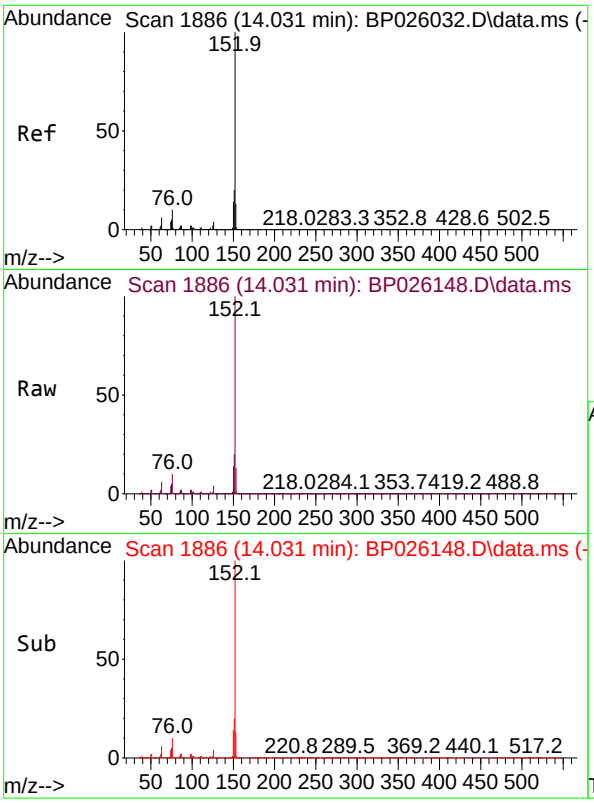




#48
2-Nitroaniline
Concen: 60.939 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 65 Resp: 669977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.8 | 59.1 | 88.7 |
| 138 | 116.5 | 96.6 | 145.0 |



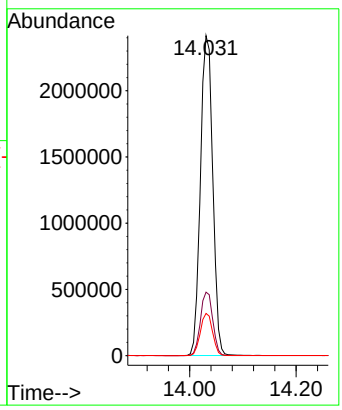


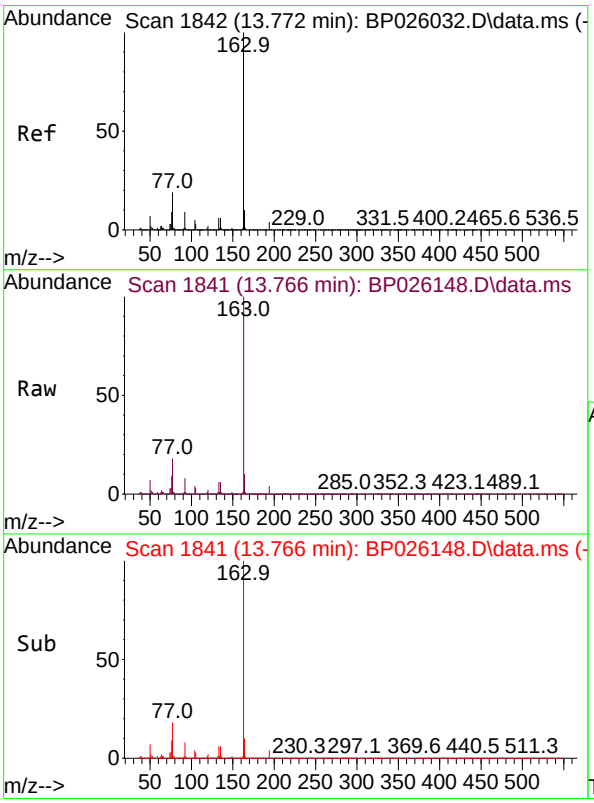

#49
Acenaphthylene
Concen: 54.828 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 3873345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |

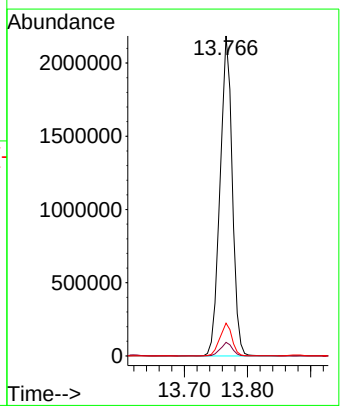


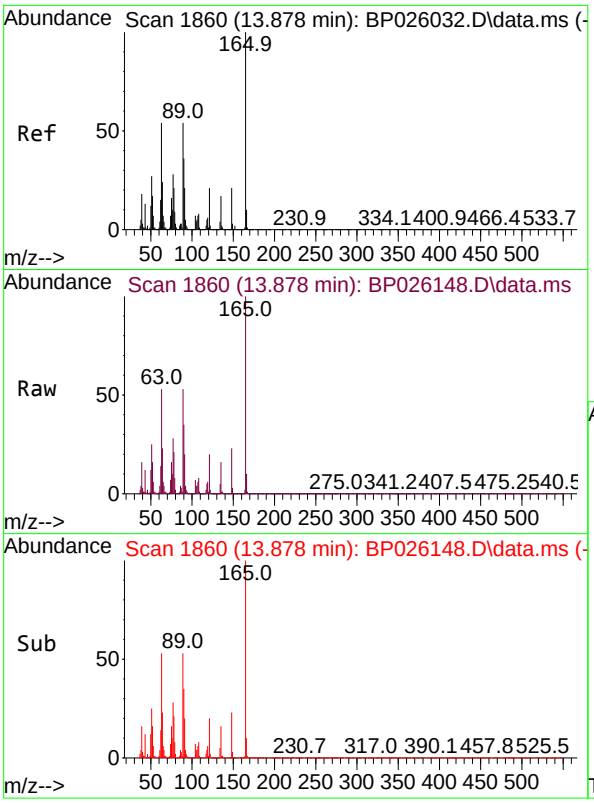




#50
Dimethylphthalate
Concen: 50.746 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:163 Resp: 2930655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.2 | 8.2 | 12.2 |



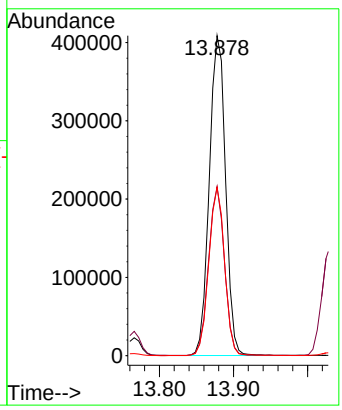


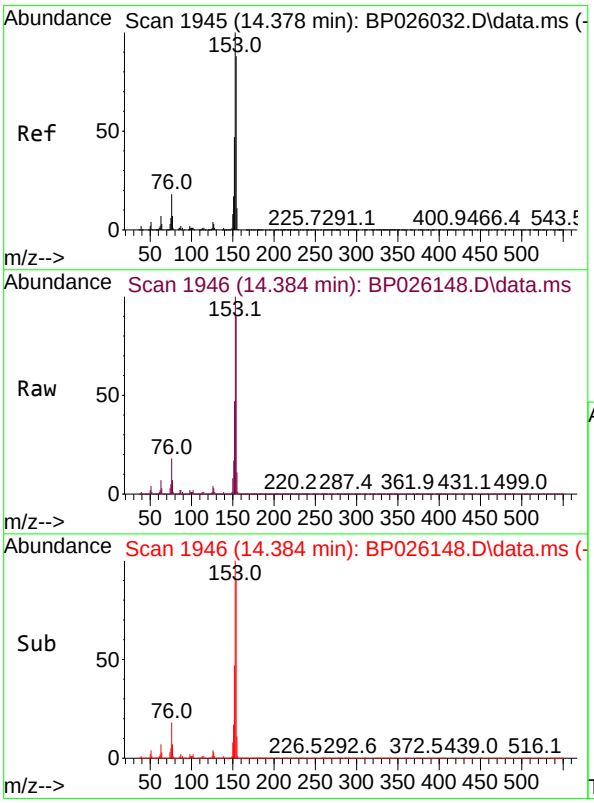

#51
2,6-Dinitrotoluene
Concen: 64.134 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 622671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.8 | 40.5 | 60.7 |
| 89 | 52.6 | 41.3 | 61.9 |

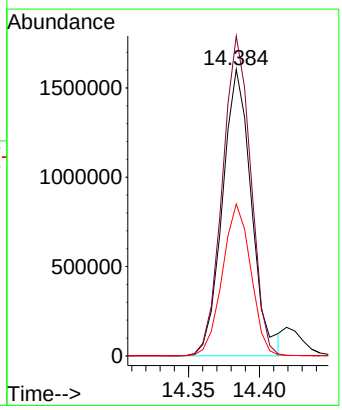


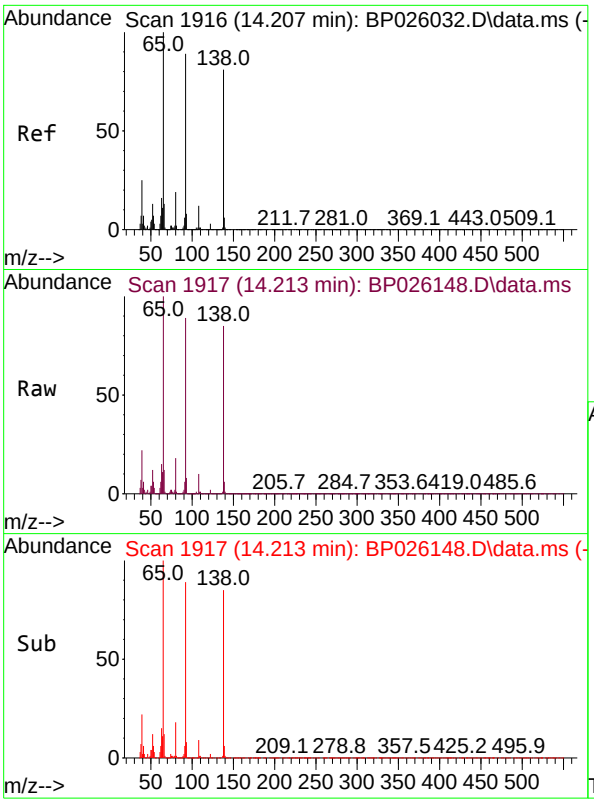




#52
Acenaphthene
Concen: 48.135 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2275322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.7 | 136.1 |
| 152 | 53.0 | 42.8 | 64.2 |



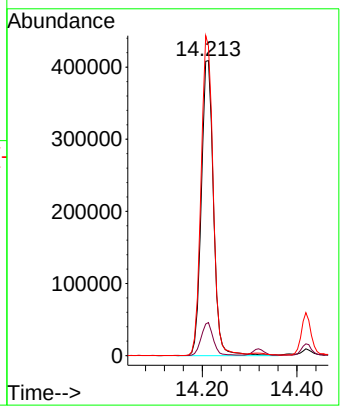


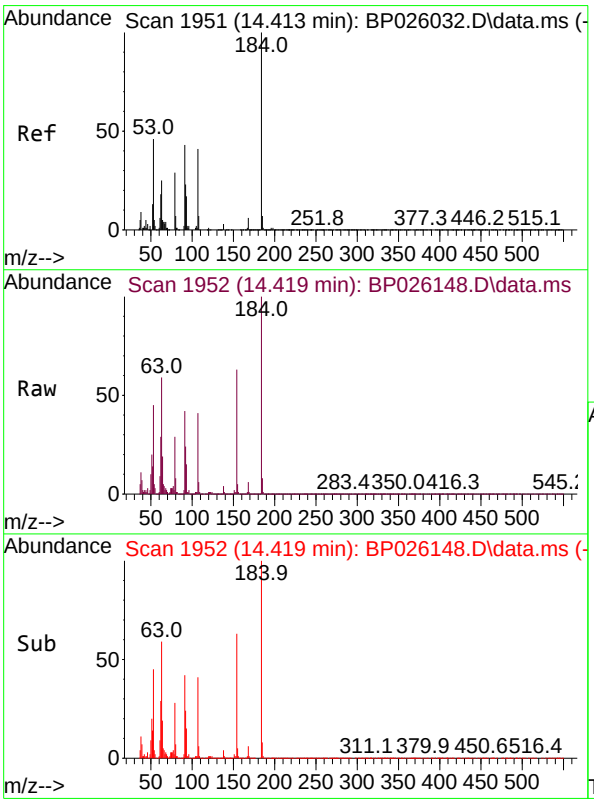

#53
3-Nitroaniline
Concen: 61.795 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:138 Resp: 725831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 8.9 | 13.3 |
| 92 | 105.0 | 86.3 | 129.5 |

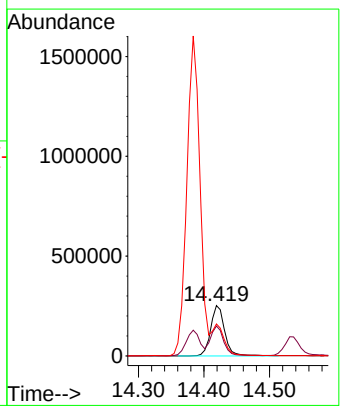


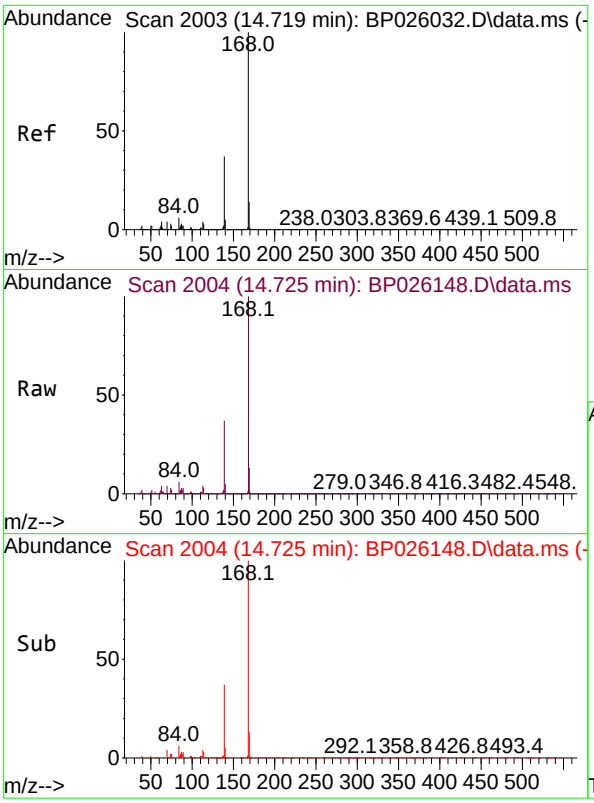




#54
2,4-Dinitrophenol
Concen: 83.625 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:184 Resp: 372594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 59.3 | 43.1 | 64.7 |
| 154 | 63.4 | 49.5 | 74.3 |



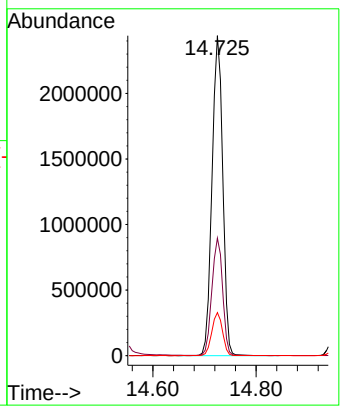


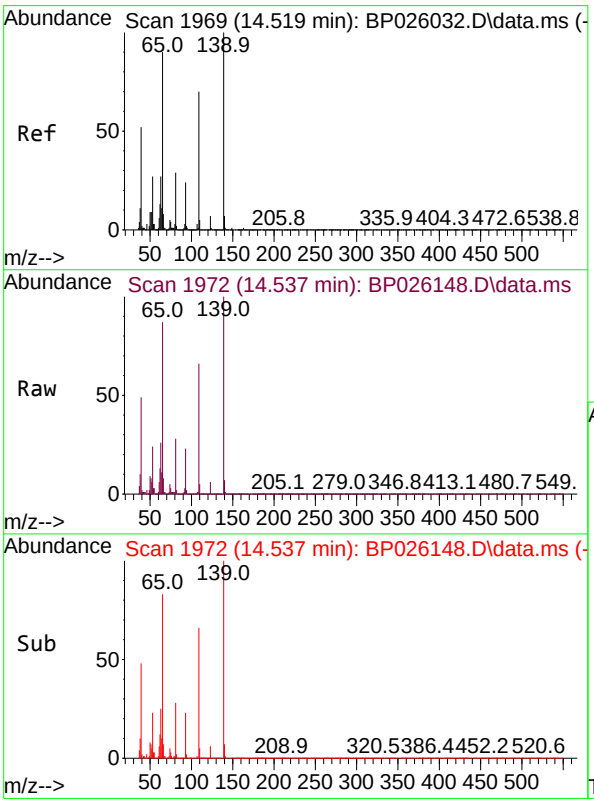

#55
Dibenzofuran
Concen: 48.822 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:168 Resp: 3514504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |

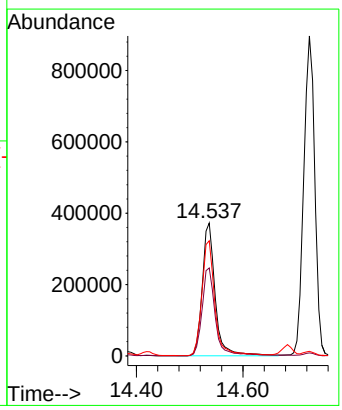


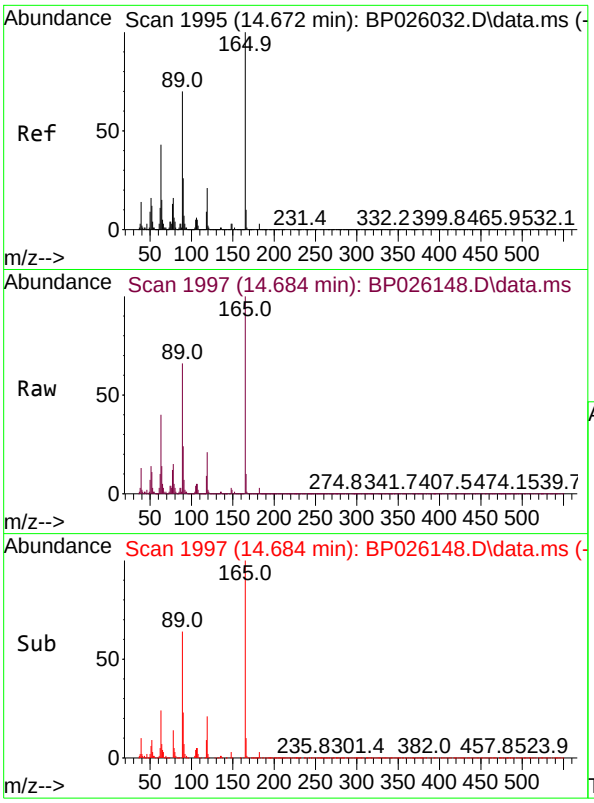




#56
4-Nitrophenol
Concen: 53.593 ng
RT: 14.537 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:139 Resp: 626548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.1 | 46.8 | 86.8 |
| 65 | 86.7 | 69.3 | 109.3 |



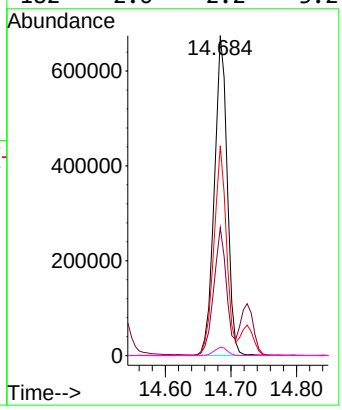


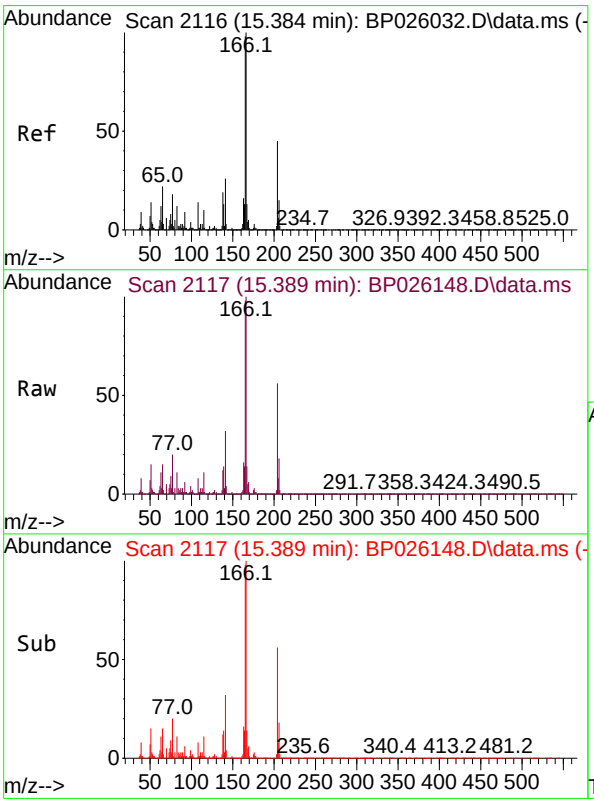

#57
2,4-Dinitrotoluene
Concen: 65.348 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 925879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.0 | 31.0 | 46.6 |
| 89 | 65.6 | 51.7 | 77.5 |
| 182 | 2.6 | 2.2 | 3.2 |

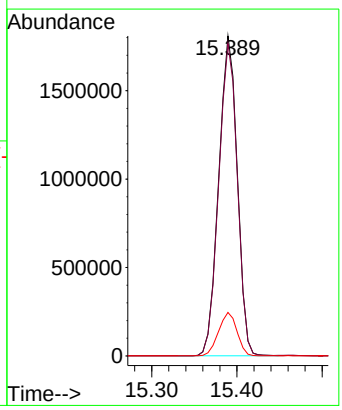


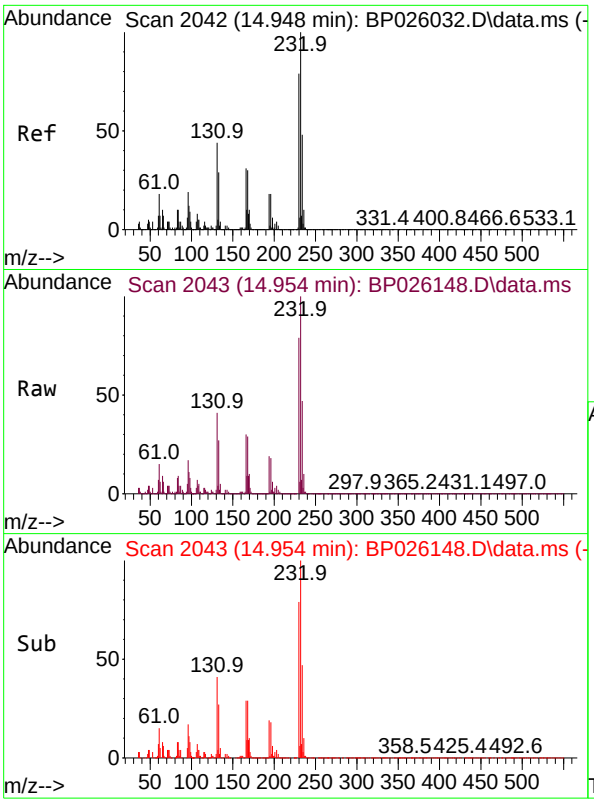




#58
Fluorene
Concen: 48.440 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:166 Resp: 2739619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |



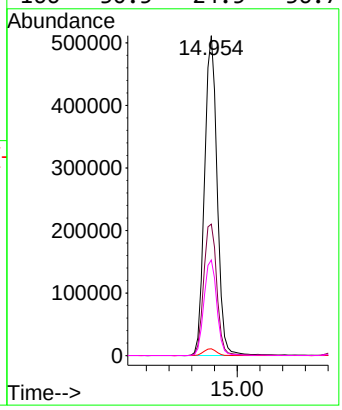


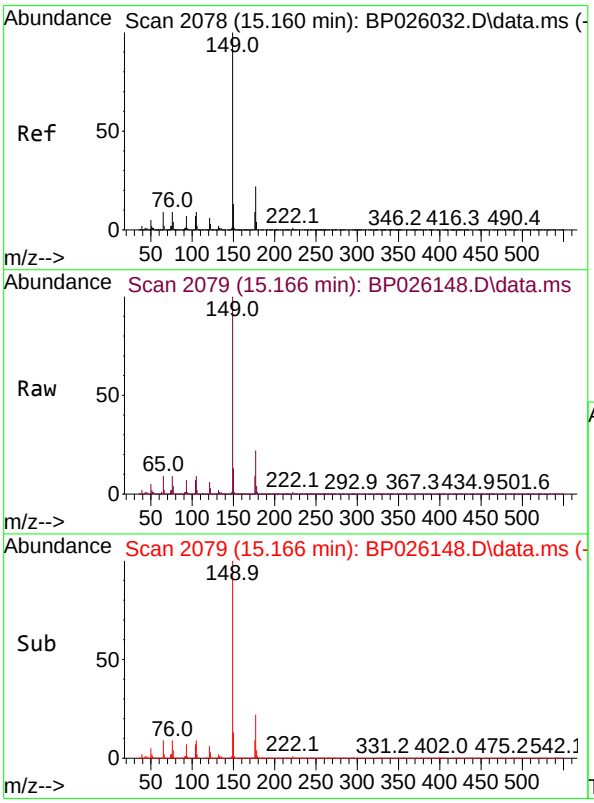

#59
2,3,4,6-Tetrachlorophenol
Concen: 59.606 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:232 Resp: 791779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.5 | 24.5 | 36.7 |

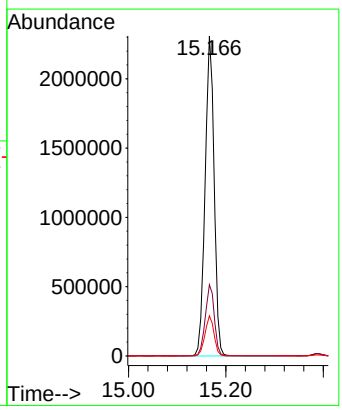


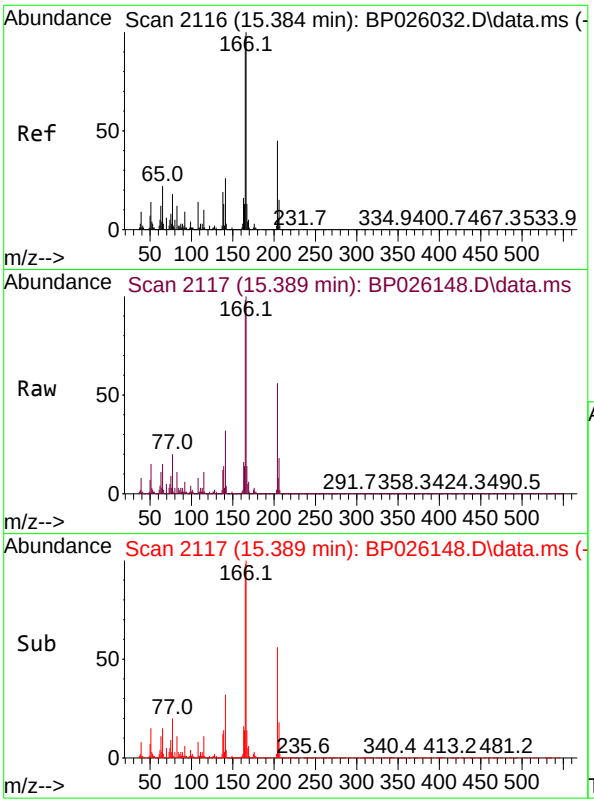




#60
Diethylphthalate
Concen: 51.232 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2976494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.9 | 26.9 |
| 150 | 12.5 | 9.9 | 14.9 |



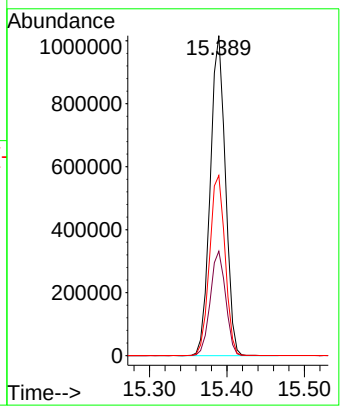


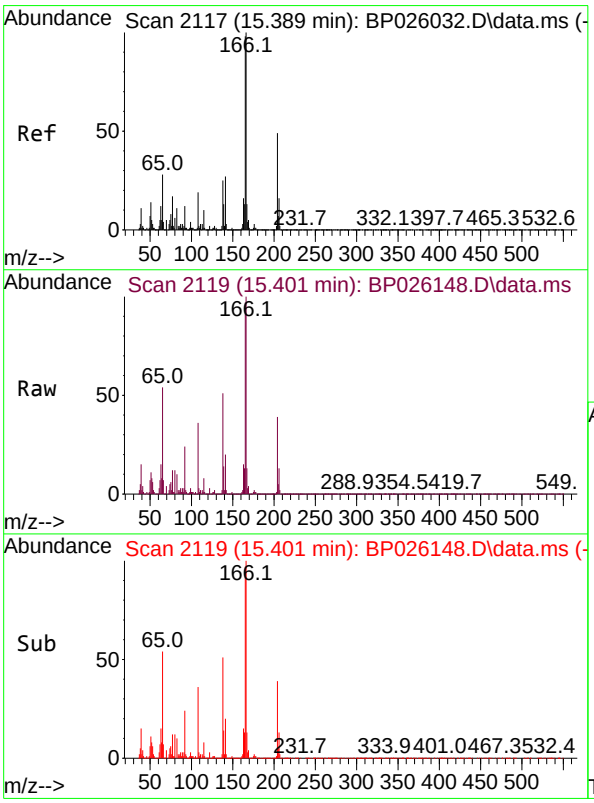

#61
4-Chlorophenyl-phenylether
Concen: 48.888 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:204 Resp: 1378247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 26.2 | 39.2 |
| 141 | 56.3 | 48.1 | 72.1 |

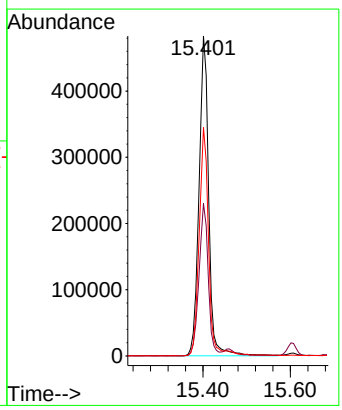


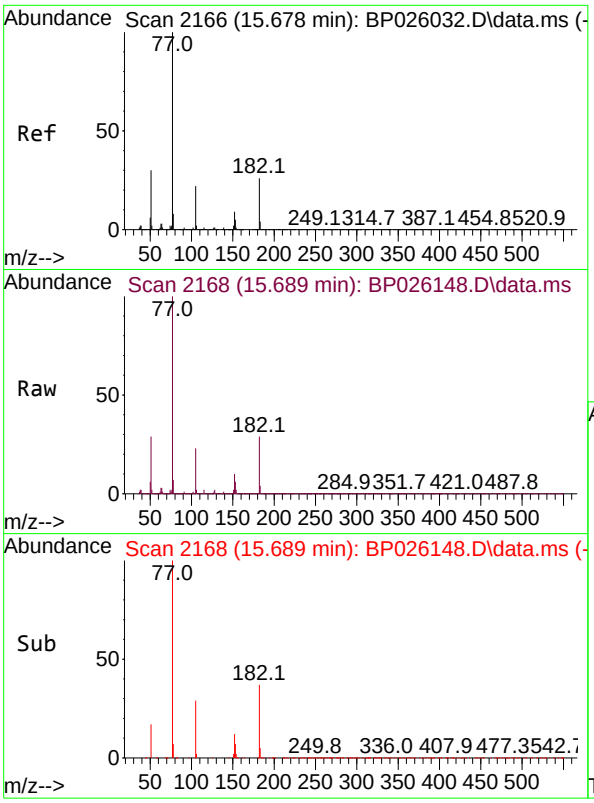




#62
4-Nitroaniline
Concen: 58.965 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:138 Resp: 734482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.6 | 27.5 | 67.5 |
| 108 | 71.4 | 51.1 | 91.1 |



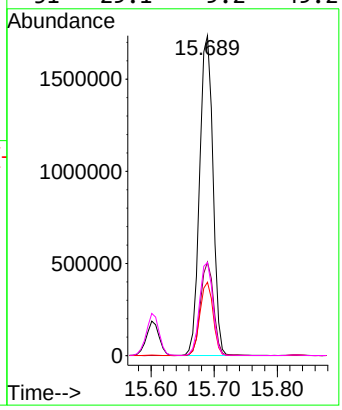


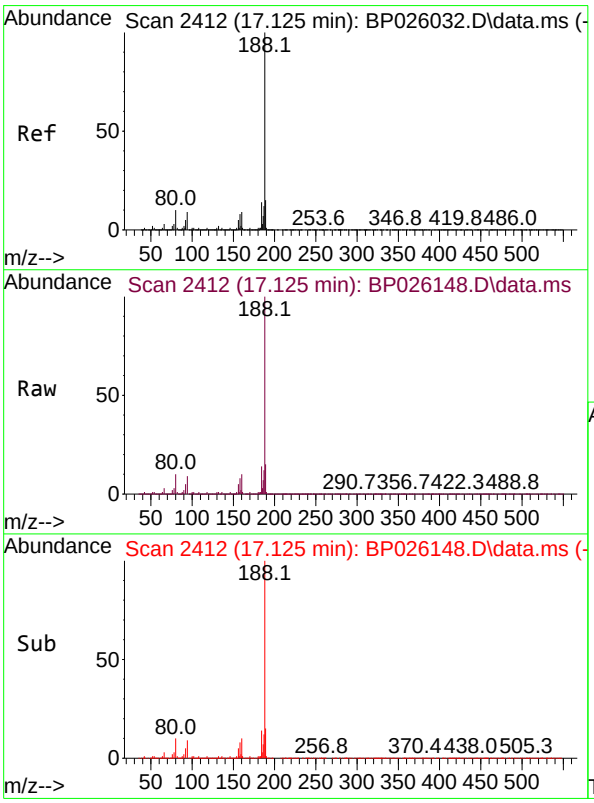

#63
Azobenzene
Concen: 48.803 ng
RT: 15.689 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 2549241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.2 | 8.8 | 48.8 |
| 105 | 22.9 | 2.6 | 42.6 |
| 51 | 29.1 | 9.2 | 49.2 |

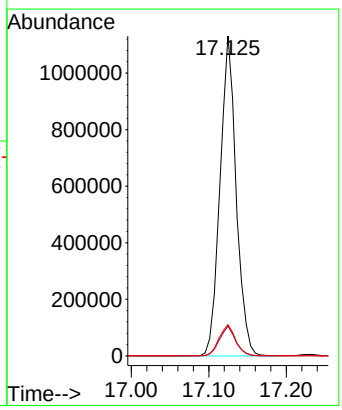


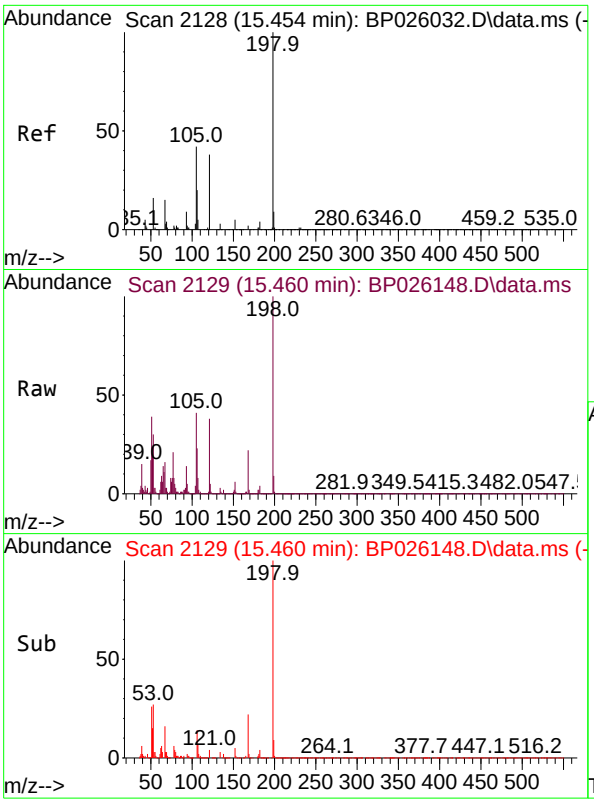




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:188 Resp: 1640808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.8 | 11.6 |
| 80 | 9.8 | 8.2 | 12.2 |



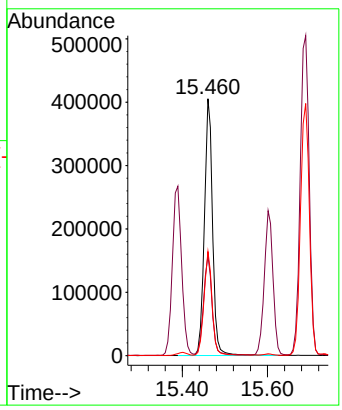


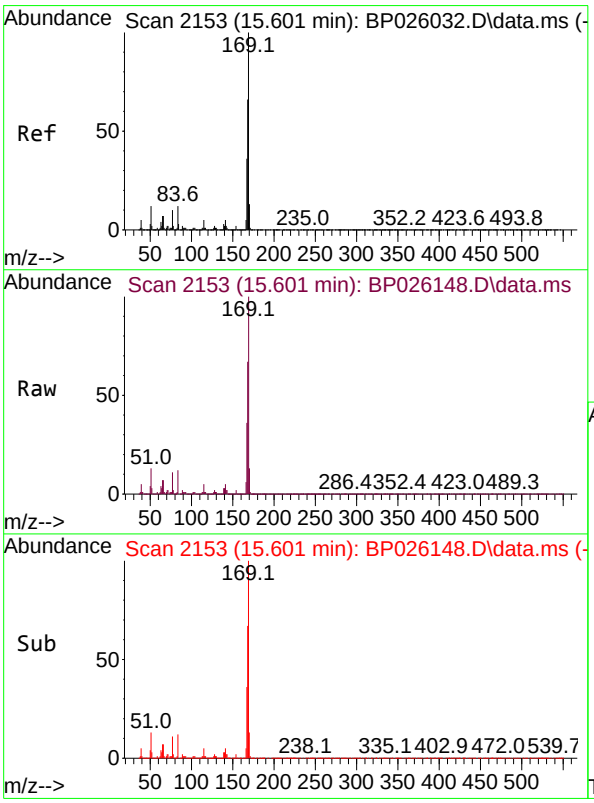

#65
4,6-Dinitro-2-methylphenol
Concen: 77.066 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:198 Resp: 539726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 38.9 | 18.4 | 58.4 |
| 105 | 40.5 | 18.5 | 58.5 |

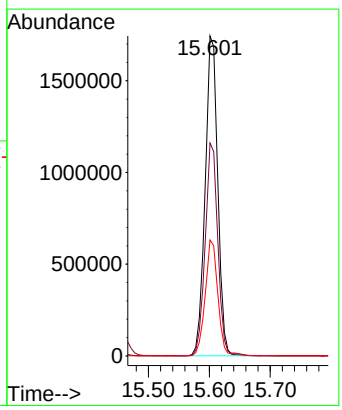


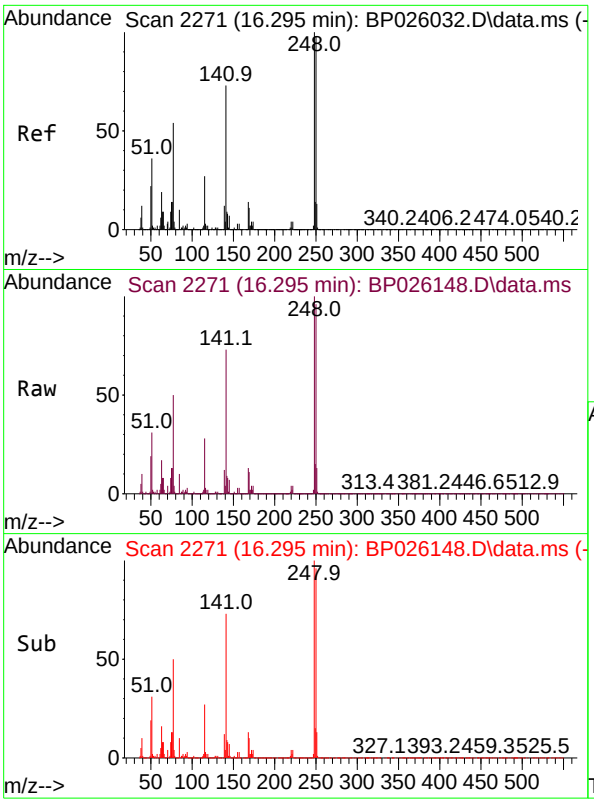




#66
n-Nitrosodiphenylamine
Concen: 48.943 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:169 Resp: 2501945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 36.3 | 28.9 | 43.3 |



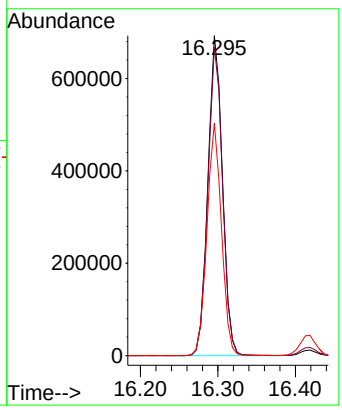


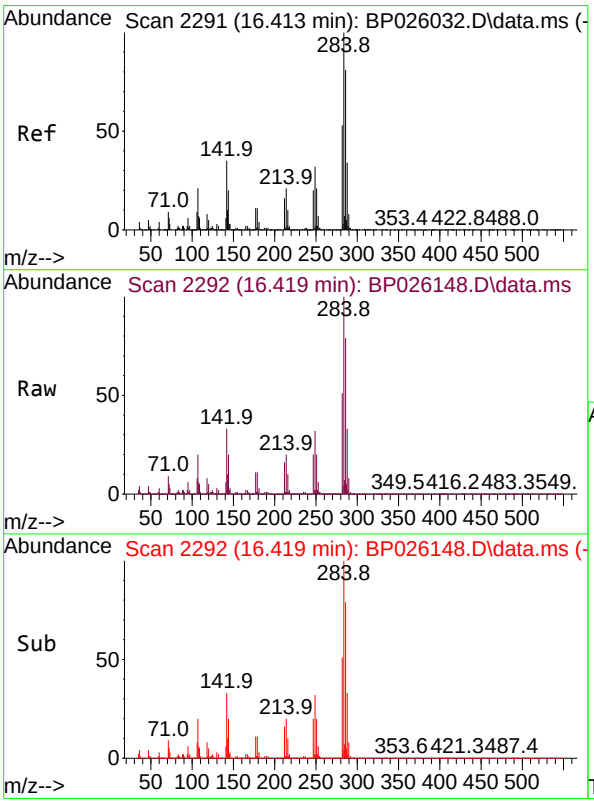

#67
4-Bromophenyl-phenylether
Concen: 49.759 ng
RT: 16.295 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:248 Resp: 906367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.4 | 77.8 | 116.6 |
| 141 | 72.6 | 55.4 | 83.0 |

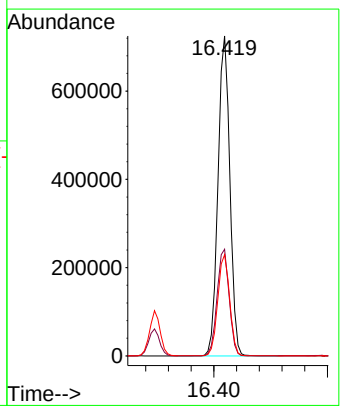


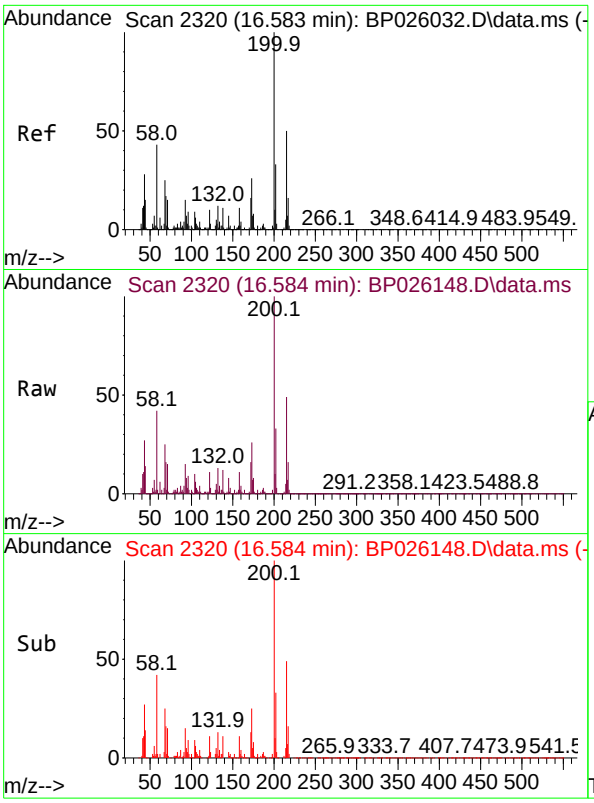




#68
Hexachlorobenzene
Concen: 50.429 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:284 Resp: 1044994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.3 | 28.0 | 42.0 |
| 249 | 31.6 | 25.0 | 37.4 |



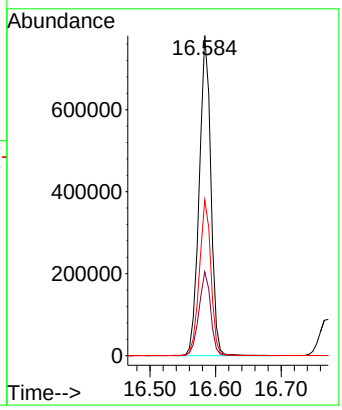


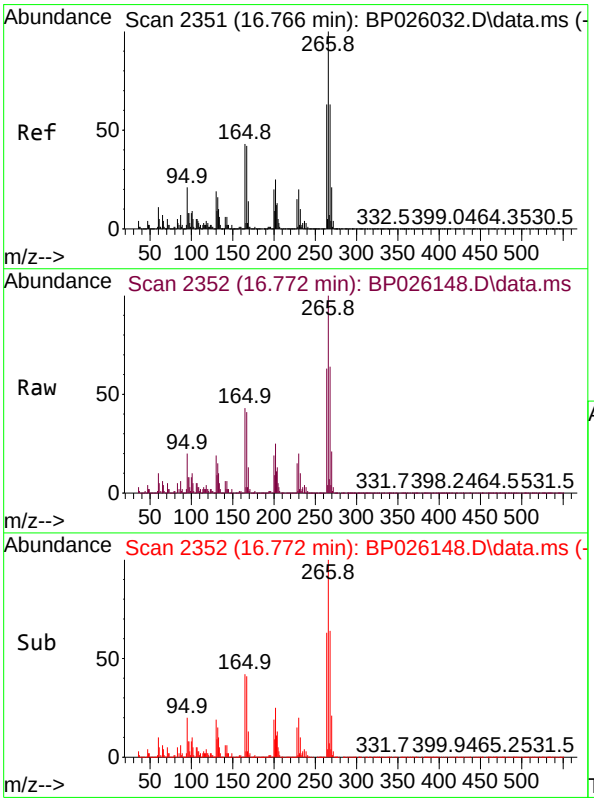

#69
Atrazine
Concen: 54.471 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:200 Resp: 954570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.2 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |

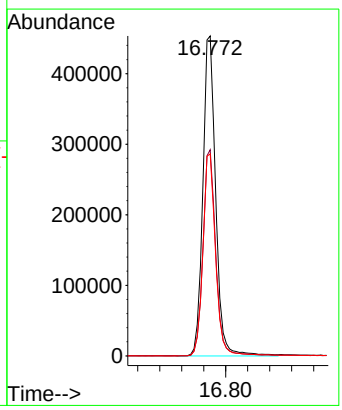


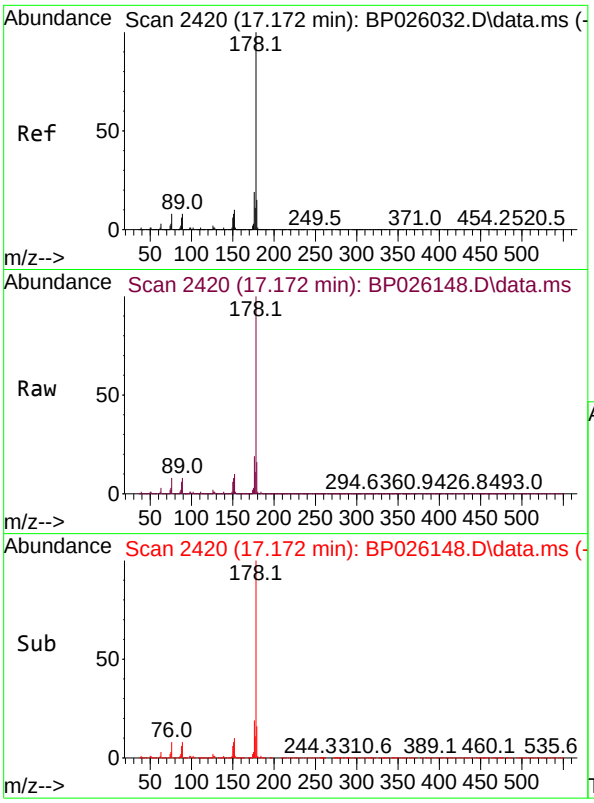




#70
Pentachlorophenol
Concen: 56.819 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:266 Resp: 733498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.4 | 51.0 | 76.4 |
| 264 | 63.1 | 50.2 | 75.2 |



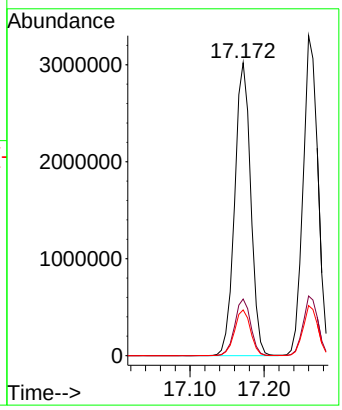


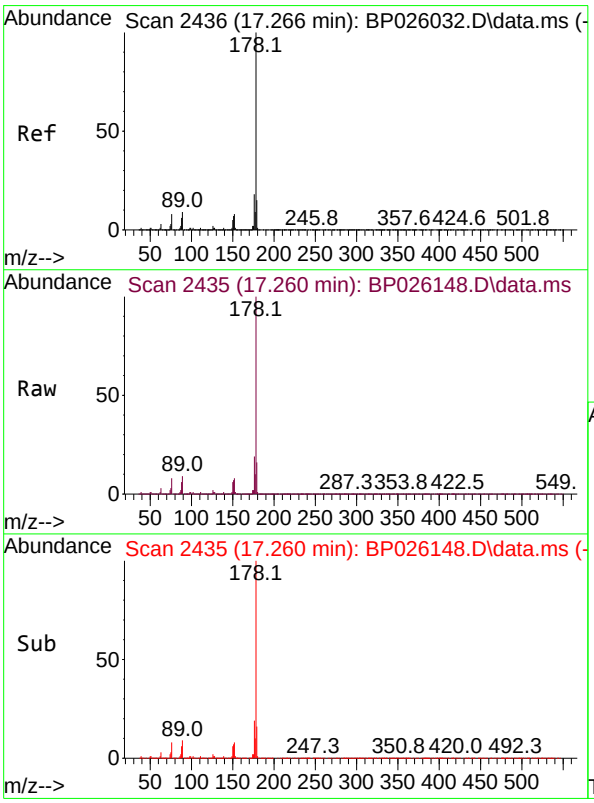

#71
Phenanthrene
Concen: 47.698 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:178 Resp: 4521516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.2 |
| 179 | 15.6 | 12.4 | 18.6 |

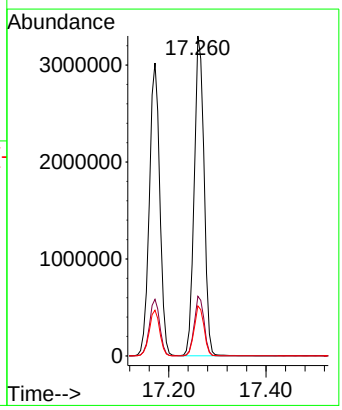


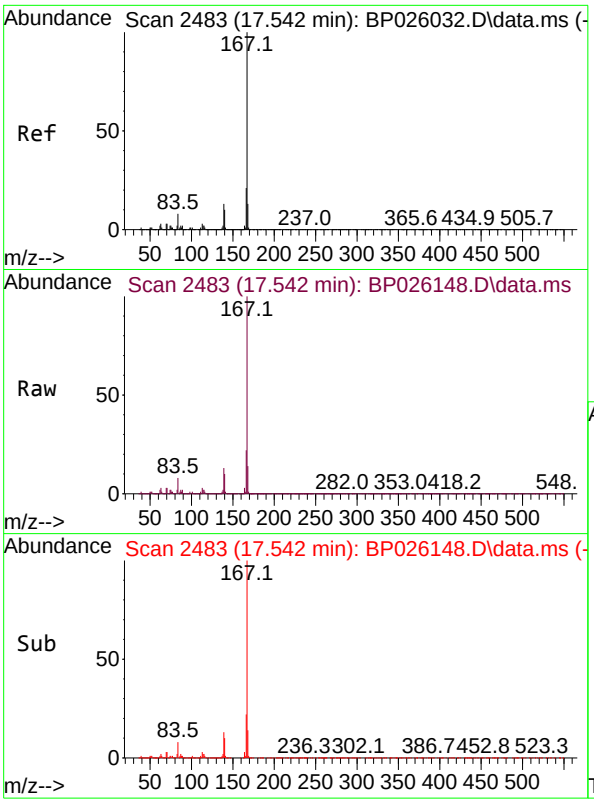




#72
Anthracene
Concen: 48.679 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:178 Resp: 4603902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |



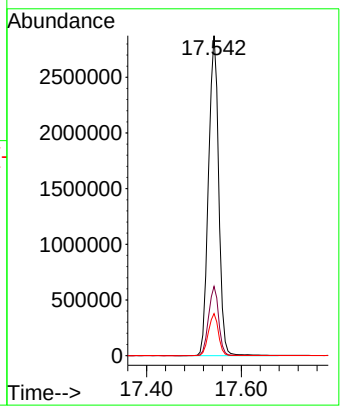


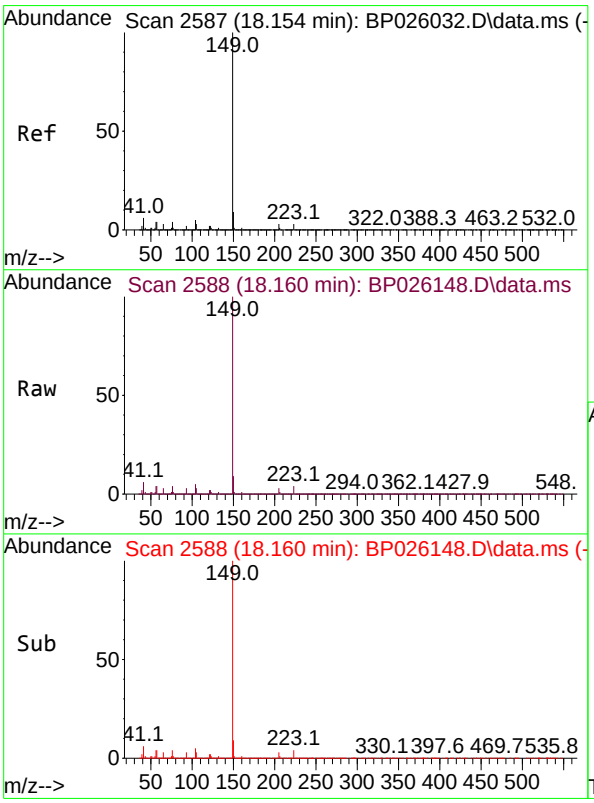

#73
Carbazole
Concen: 48.149 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:167 Resp: 4285462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.1 | 25.7 |
| 139 | 13.1 | 10.2 | 15.4 |

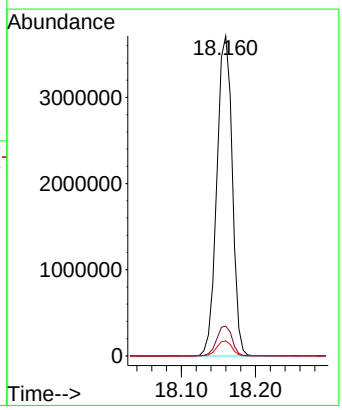


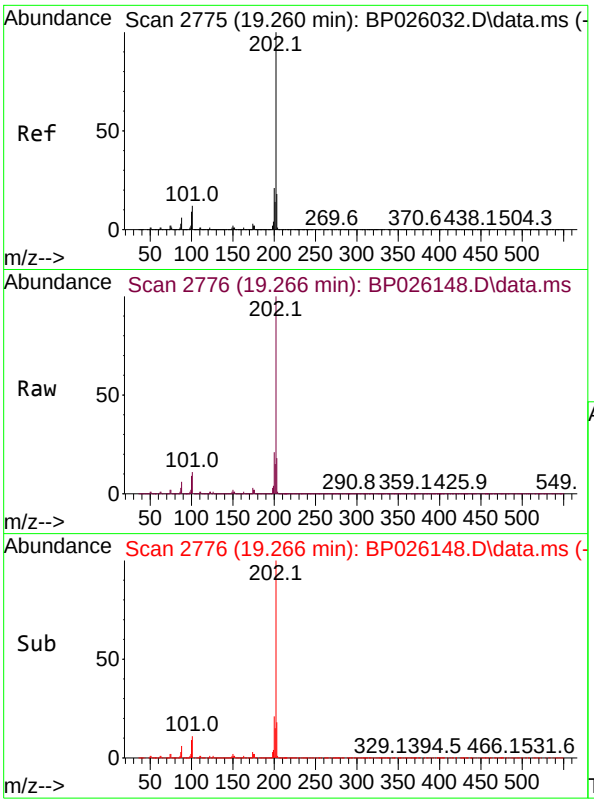




#74
Di-n-butylphthalate
Concen: 53.150 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 5349681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |



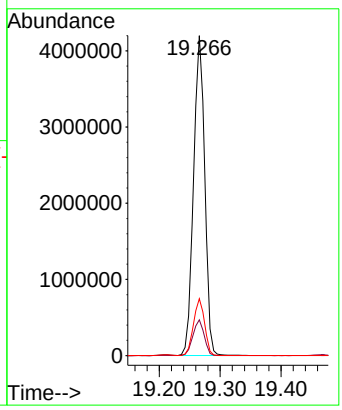


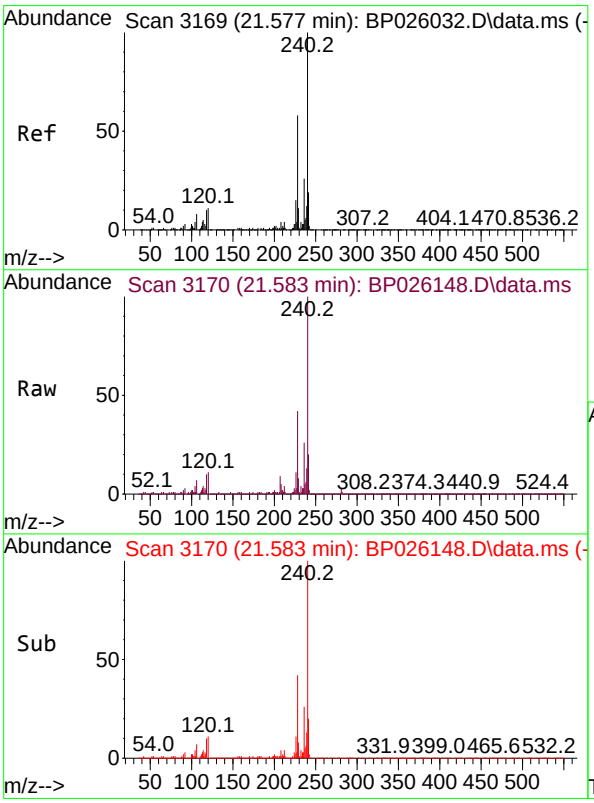

#75
Fluoranthene
Concen: 48.317 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:202 Resp: 5367252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.2 |
| 203 | 17.8 | 0.0 | 37.7 |

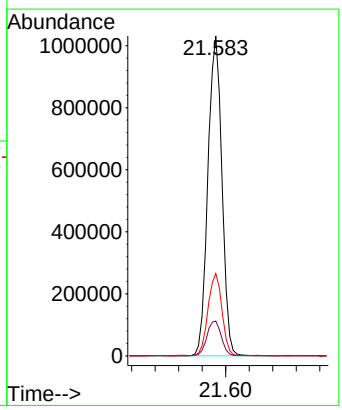


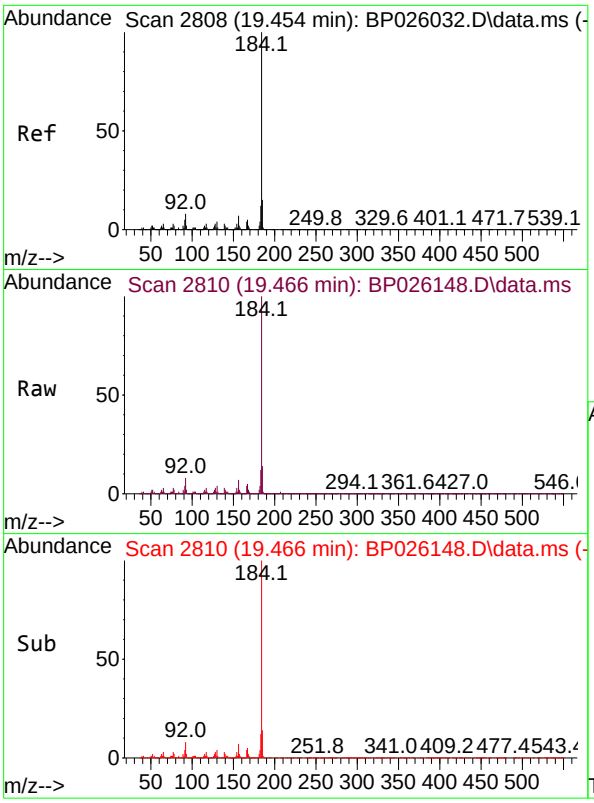




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:240 Resp: 1705823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 9.0 | 13.4 |
| 236 | 25.7 | 20.4 | 30.6 |



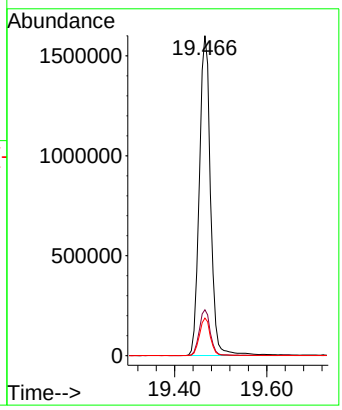


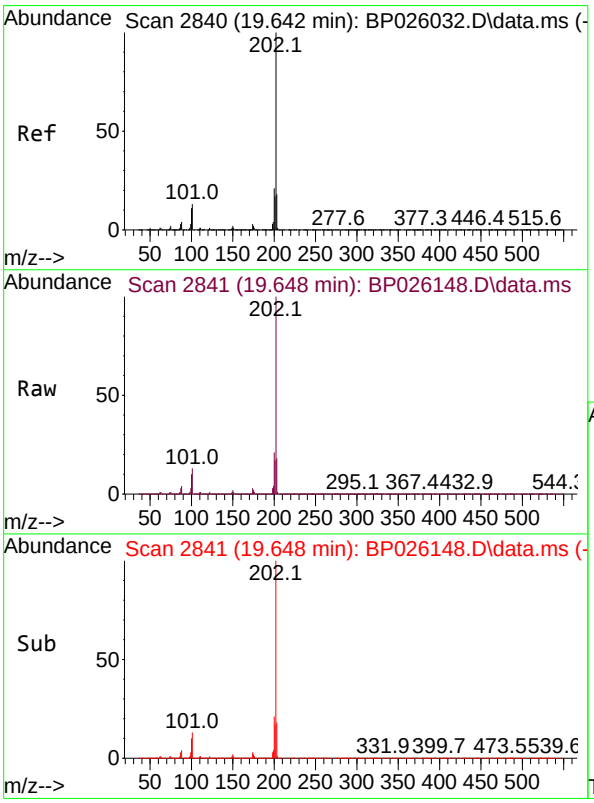

#77
Benzidine
Concen: 60.082 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:184 Resp: 2691261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.3 | 16.9 |
| 183 | 11.7 | 9.0 | 13.6 |

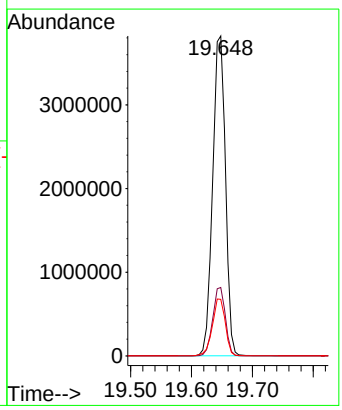


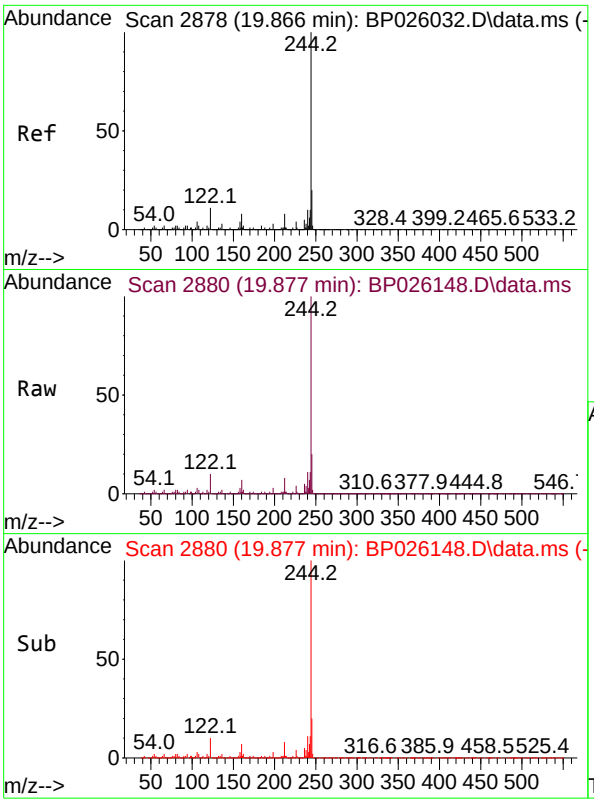




#78
Pyrene
Concen: 49.020 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:202 Resp: 5584319

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



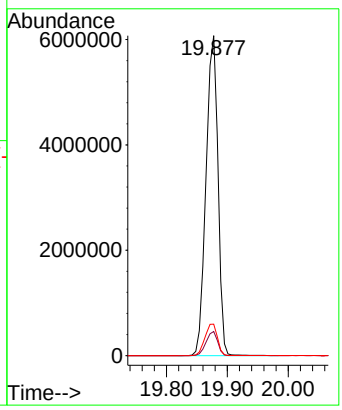


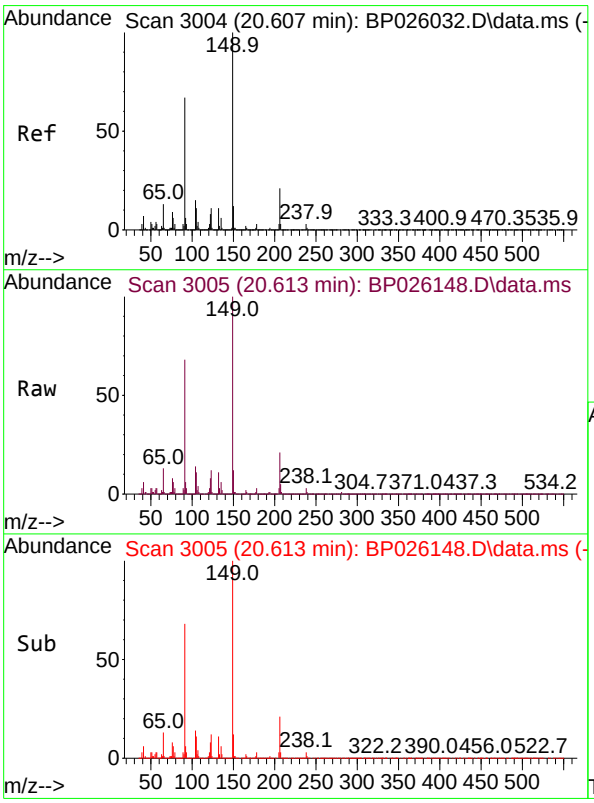

#79
Terphenyl-d14
Concen: 98.986 ng
RT: 19.877 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:244 Resp: 8280260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 5.8 | 8.8 |
| 122 | 9.8 | 8.2 | 12.2 |

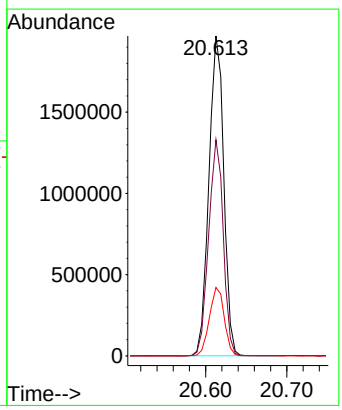


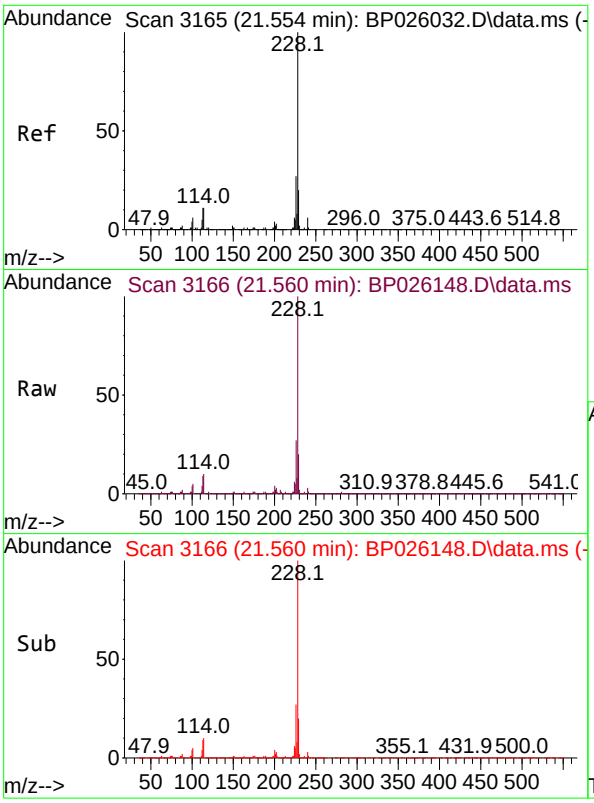




#80
Butylbenzylphthalate
Concen: 65.680 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2508473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.5 | 52.6 | 79.0 |
| 206 | 21.4 | 16.9 | 25.3 |



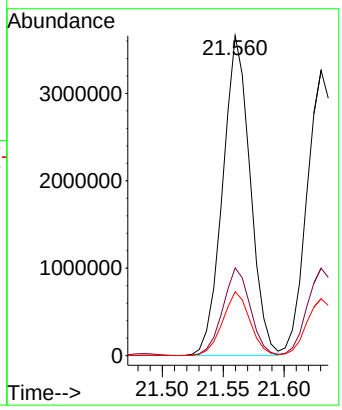


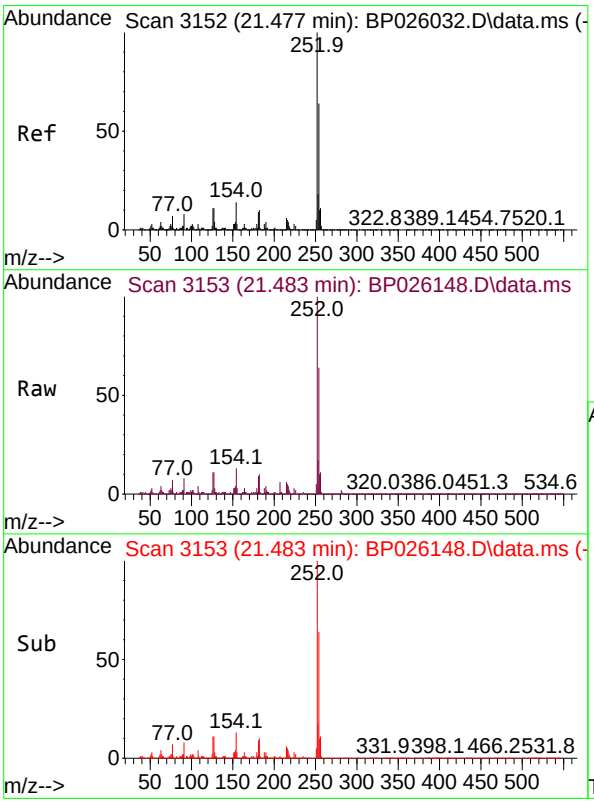

#81
Benzo(a)anthracene
Concen: 49.402 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 5754455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 21.8 | 32.8 |
| 229 | 20.0 | 15.9 | 23.9 |

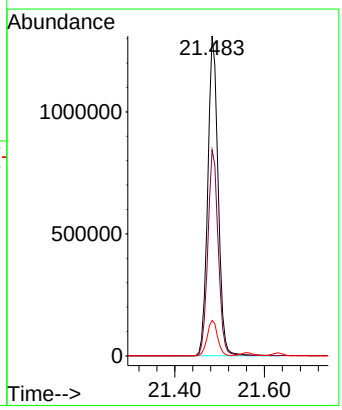


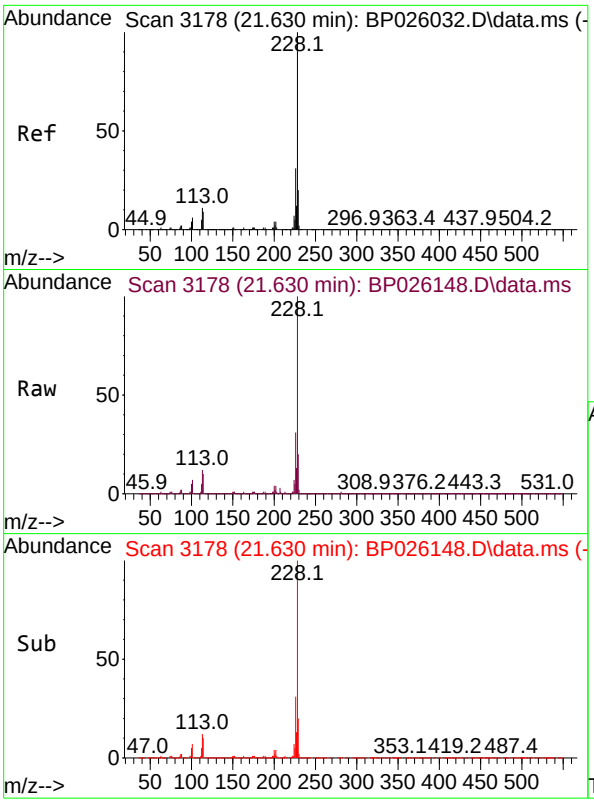




#82
3,3'-Dichlorobenzidine
Concen: 54.722 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 2099346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 51.2 | 76.8 |
| 126 | 11.1 | 8.2 | 12.4 |



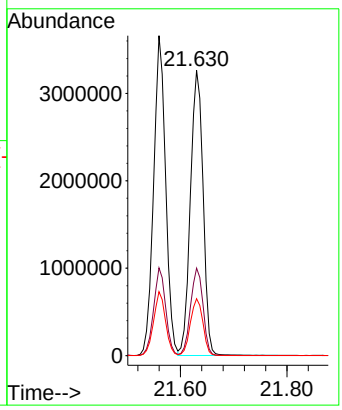


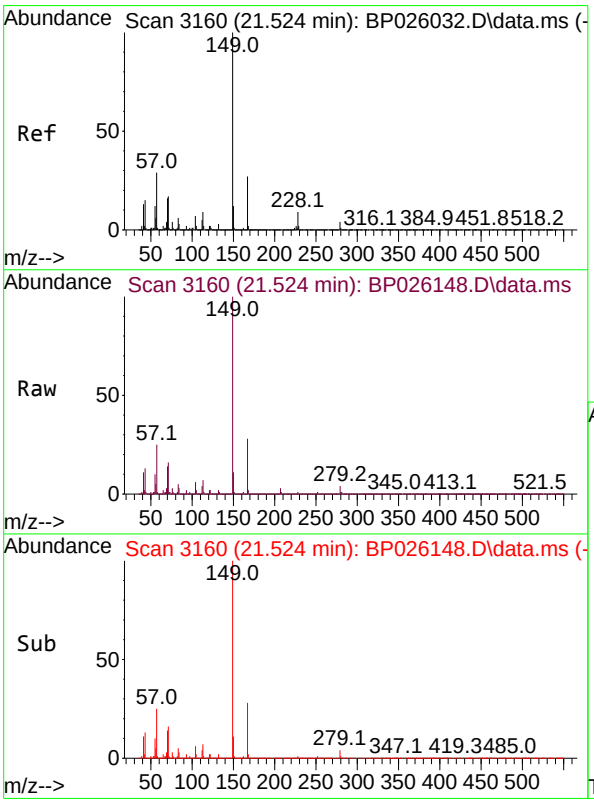

#83
Chrysene
Concen: 48.904 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 5399638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.9 | 35.9 |
| 229 | 20.0 | 15.9 | 23.9 |

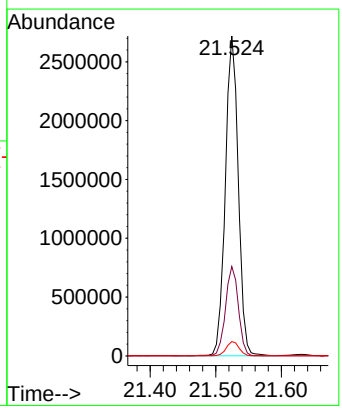


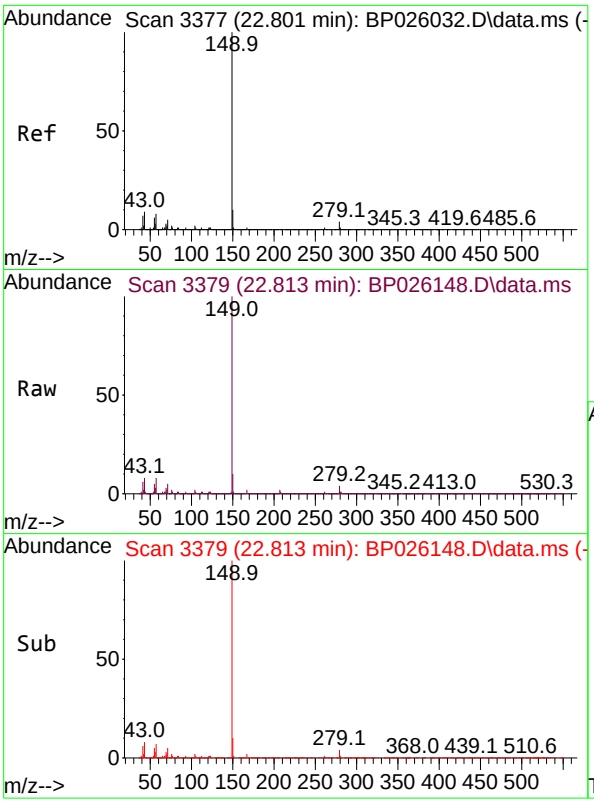




#84
Bis(2-ethylhexyl)phthalate
Concen: 59.805 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 3735211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.1 | 33.1 |
| 279 | 4.5 | 3.3 | 4.9 |



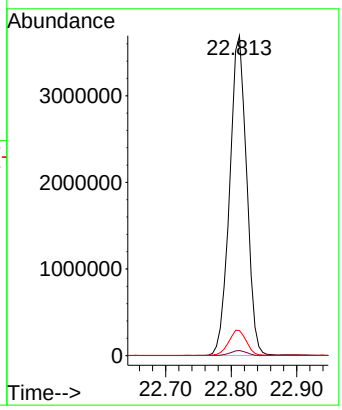


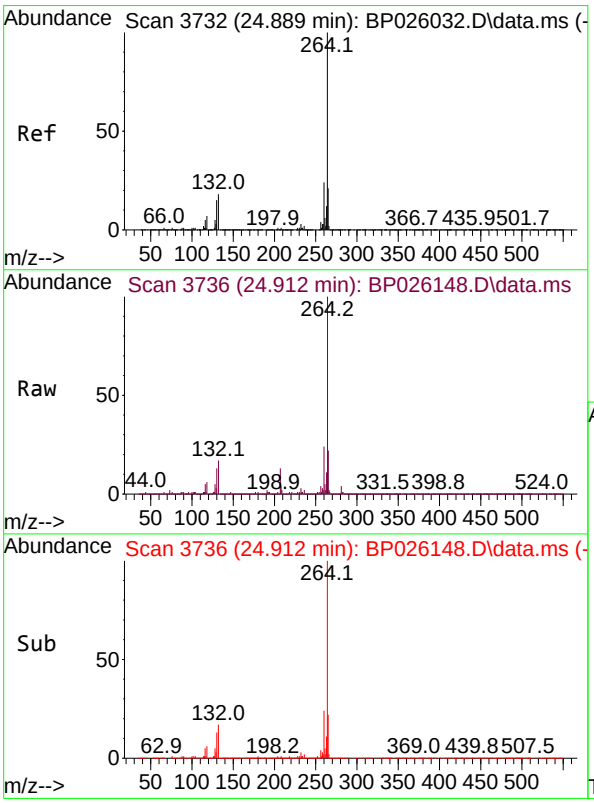

#85
Di-n-octyl phthalate
Concen: 62.248 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:149 Resp: 6624425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.1 | 6.6 | 10.0 |

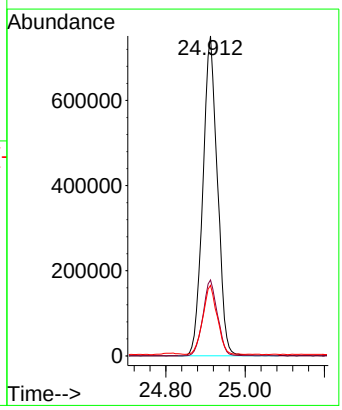


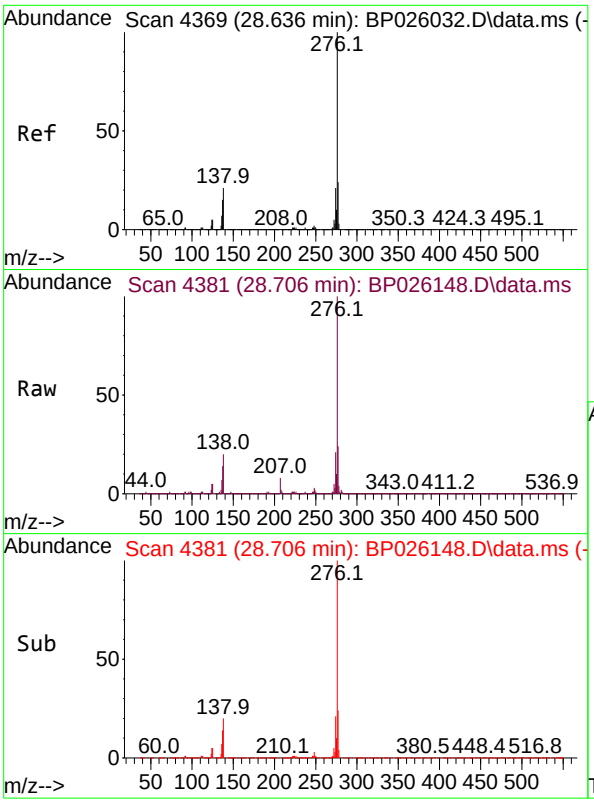




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:264 Resp: 1916962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.7 | 28.1 |
| 265 | 22.0 | 17.5 | 26.3 |



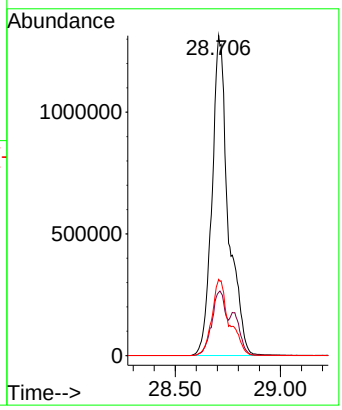


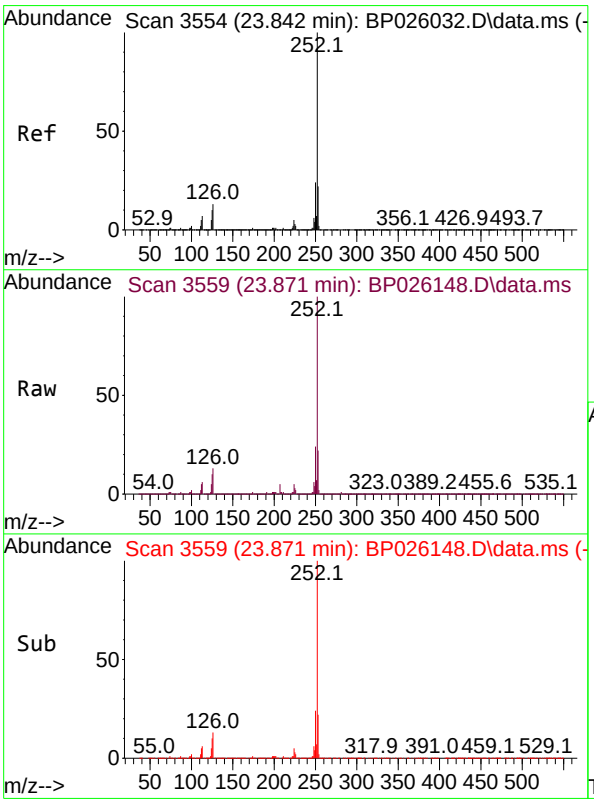

#87
Indeno(1,2,3-cd)pyrene
Concen: 50.540 ng
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:276 Resp: 7108078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.3 | 13.8 | 20.8 |
| 277 | 25.3 | 16.7 | 25.1# |

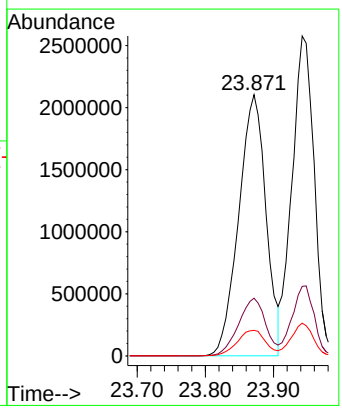


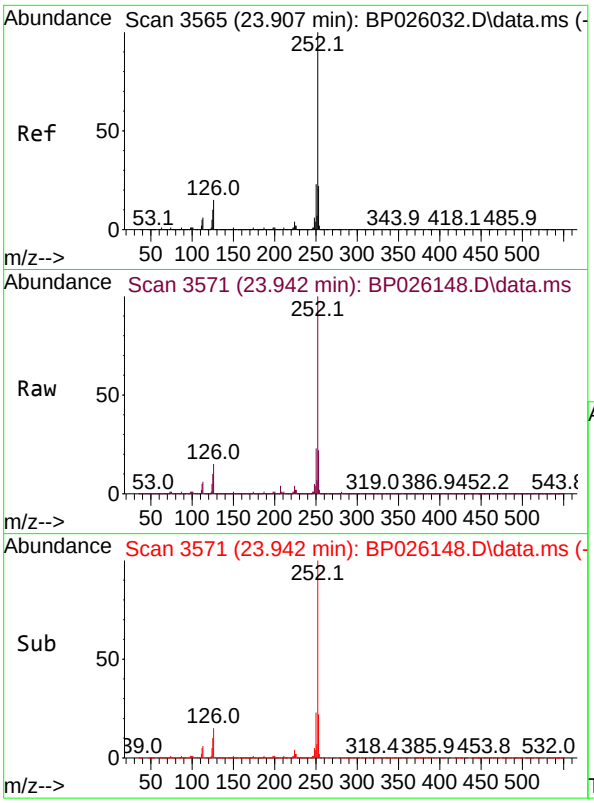




#88
Benzo(b)fluoranthene
Concen: 49.795 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 5855690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 9.8 | 8.2 | 12.4 |



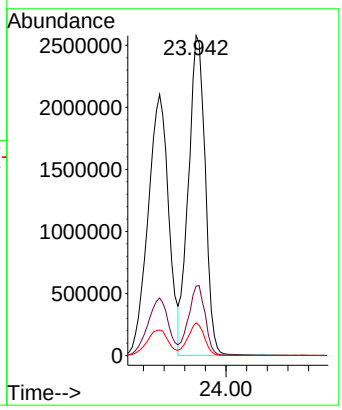


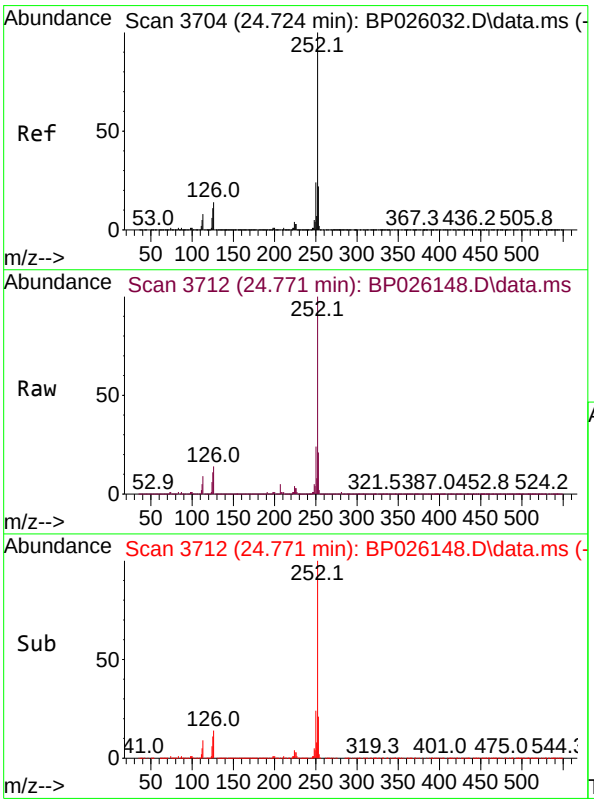

#89
Benzo(k)fluoranthene
Concen: 48.345 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:252 Resp: 5812408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.6 | 26.4 |
| 125 | 10.2 | 7.5 | 11.3 |

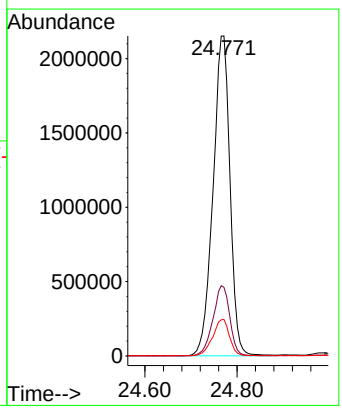


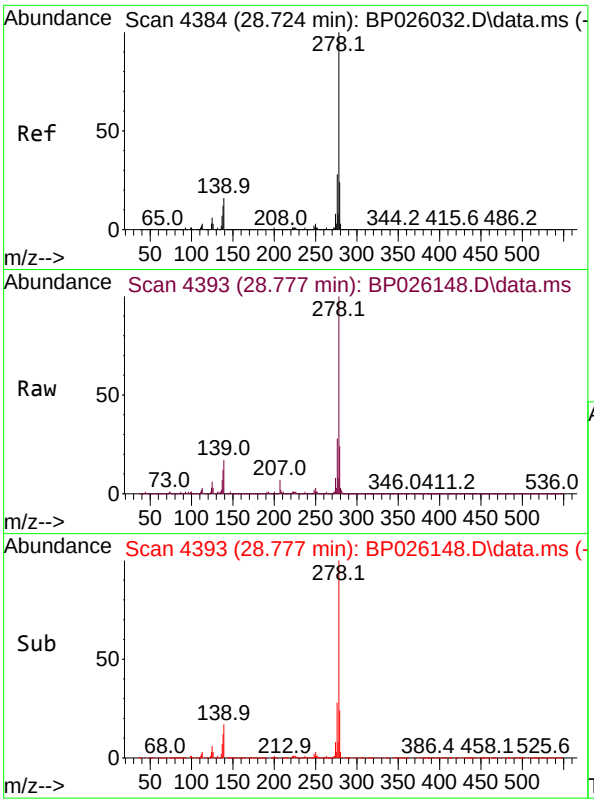




#90
Benzo(a)pyrene
Concen: 50.567 ng
RT: 24.771 min Scan# 3712
Delta R.T. 0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 5498511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.4 | 26.2 |
| 125 | 11.4 | 9.0 | 13.6 |



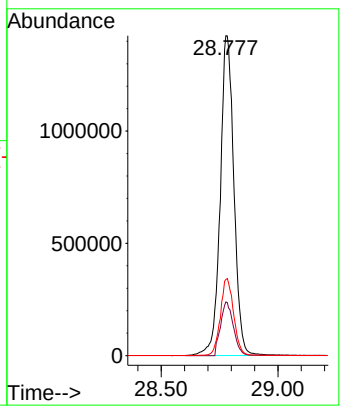


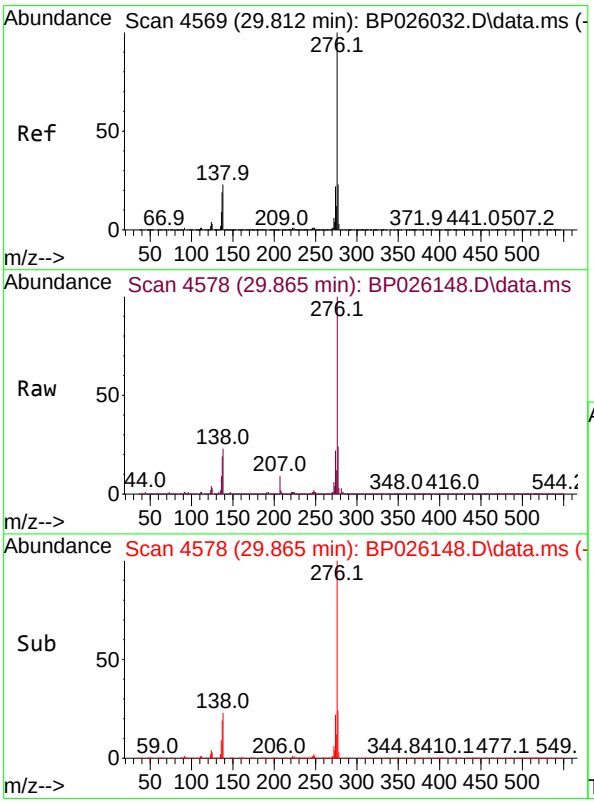

#91
Dibenzo(a,h)anthracene
Concen: 50.535 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:278 Resp: 5794869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.8 | 13.2 | 19.8 |
| 279 | 23.8 | 19.2 | 28.8 |

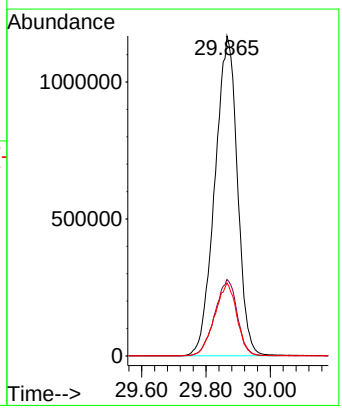



#92
Benzo(g,h,i)perylene
Concen: 51.276 ng
RT: 29.865 min Scan# 4578
Delta R.T. -0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:276 Resp: 5679489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 18.8 | 28.2 |
| 138 | 22.8 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 314197 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1293043 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 796804 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 1609780 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1696557 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.924 | 264 | 2032089 | 20.000 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 2372047 | 121.142 | ng | | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 3028199 | 121.372 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2754539 | 120.813 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.837 | 330 | 1244554 | 120.534 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 6333636 | 115.965 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.872 | 244 | 9339644 | 112.262 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 476245 | 59.785 | ng | | 99 |
| 3) Pyridine | 3.614 | 79 | 1382108 | 60.186 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.520 | 42 | 517563 | 60.473 | ng | | 95 |
| 6) Aniline | 7.008 | 93 | 2004653 | 60.994 | ng | | 99 |
| 8) 2-Chlorophenol | 7.243 | 128 | 1356198 | 60.900 | ng | | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 765301 | 71.224 | ng | | 99 |
| 10) Phenol | 6.878 | 94 | 1642143 | 61.164 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 1261123 | 60.197 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 1430521 | 59.655 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1443827 | 59.788 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 1385870 | 59.657 | ng | | 99 |
| 15) Benzyl Alcohol | 7.908 | 79 | 1096741 | 60.077 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 1745357 | 58.925 | ng | | 99 |
| 17) 2-Methylphenol | 8.108 | 107 | 1112503 | 60.841 | ng | | 99 |
| 18) Hexachloroethane | 8.743 | 117 | 525228 | 59.675 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 919437 | 59.177 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1508814 | 59.338 | ng | | 100 |
| 22) Acetophenone | 8.484 | 105 | 1966749 | 59.787 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 1394959 | 60.453 | ng | | 100 |
| 25) Isophorone | 9.384 | 82 | 2661277 | 58.787 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 744625 | 64.005 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 1267624 | 60.144 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.855 | 93 | 1650883 | 58.243 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 1279059 | 60.911 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.307 | 180 | 1271878 | 59.435 | ng | | 99 |
| 31) Naphthalene | 10.496 | 128 | 4106445 | 58.487 | ng | | 99 |
| 32) Benzoic acid | 9.802 | 122 | 1274317 | 75.148 | ng | | 98 |
| 33) 4-Chloroaniline | 10.596 | 127 | 1774806 | 59.551 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 820866 | 58.957 | ng | | 99 |
| 35) Caprolactam | 11.390 | 113 | 442308 | 58.493 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1333194 | 59.672 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2892574 | 58.205 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 2826038 | 58.118 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 1458024 | 60.722 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.466 | 237 | 999826 | 63.796 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 1019369 | 61.691 | ng | | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.796 | 196 | 1129527 | 61.302 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.131 | 154 | 3595006 | 60.111 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.172 | 162 | 2855986 | 60.741 | ng | 100 |
| 48) 2-Nitroaniline | 13.372 | 65 | 833079 | 63.445 | ng | 97 |
| 49) Acenaphthylene | 14.031 | 152 | 4662622 | 59.935 | ng | 100 |
| 50) Dimethylphthalate | 13.766 | 163 | 3514882 | 59.198 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.884 | 165 | 748865 | 63.777 | ng | 98 |
| 52) Acenaphthene | 14.384 | 154 | 2756036 | 60.573 | ng | 100 |
| 53) 3-Nitroaniline | 14.219 | 138 | 878733 | 63.349 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 462858 | 65.711 | ng | 97 |
| 55) Dibenzofuran | 14.725 | 168 | 4154597 | 58.432 | ng | 99 |
| 56) 4-Nitrophenol | 14.543 | 139 | 775308 | 61.570 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 1112352 | 63.016 | ng | 99 |
| 58) Fluorene | 15.390 | 166 | 3230615 | 57.477 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.960 | 232 | 945836 | 60.606 | ng | 100 |
| 60) Diethylphthalate | 15.166 | 149 | 3494483 | 58.065 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.390 | 204 | 1609638 | 57.693 | ng | 98 |
| 62) 4-Nitroaniline | 15.407 | 138 | 898849 | 61.908 | ng | 99 |
| 63) Azobenzene | 15.690 | 77 | 2992722 | 59.189 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.466 | 198 | 645829 | 63.752 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.607 | 169 | 2939838 | 59.025 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 1064991 | 59.865 | ng | 98 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1225655 | 59.631 | ng | 98 |
| 69) Atrazine | 16.589 | 200 | 1106977 | 59.021 | ng | 99 |
| 70) Pentachlorophenol | 16.766 | 266 | 870320 | 60.353 | ng | 99 |
| 71) Phenanthrene | 17.172 | 178 | 5259509 | 57.751 | ng | 100 |
| 72) Anthracene | 17.266 | 178 | 5478029 | 58.894 | ng | 99 |
| 73) Carbazole | 17.548 | 167 | 5069471 | 57.610 | ng | 99 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 5907343 | 56.562 | ng | 100 |
| 75) Fluoranthene | 19.266 | 202 | 6367611 | 57.206 | ng | 100 |
| 77) Benzidine | 19.466 | 184 | 3022349 | 57.876 | ng | 100 |
| 78) Pyrene | 19.642 | 202 | 6627085 | 59.952 | ng | 99 |
| 80) Butylbenzylphthalate | 20.607 | 149 | 2824354 | 57.369 | ng | 99 |
| 81) Benzo(a)anthracene | 21.566 | 228 | 6873070 | 59.071 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.489 | 252 | 2496806 | 59.050 | ng | 99 |
| 83) Chrysene | 21.630 | 228 | 6511651 | 59.444 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.525 | 149 | 4143037 | 56.063 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.813 | 149 | 7466824 | 57.415 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.724 | 276 | 9332480m | 61.647 | ng | |
| 88) Benzo(b)fluoranthene | 23.877 | 252 | 7316006 | 59.218 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.954 | 252 | 7264550 | 58.835 | ng | 99 |
| 90) Benzo(a)pyrene | 24.765 | 252 | 6987741 | 59.626 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.795 | 278 | 7590692 | 61.180 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.883 | 276 | 7581255 | 61.561 | ng | 99 |

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

ICAL Form

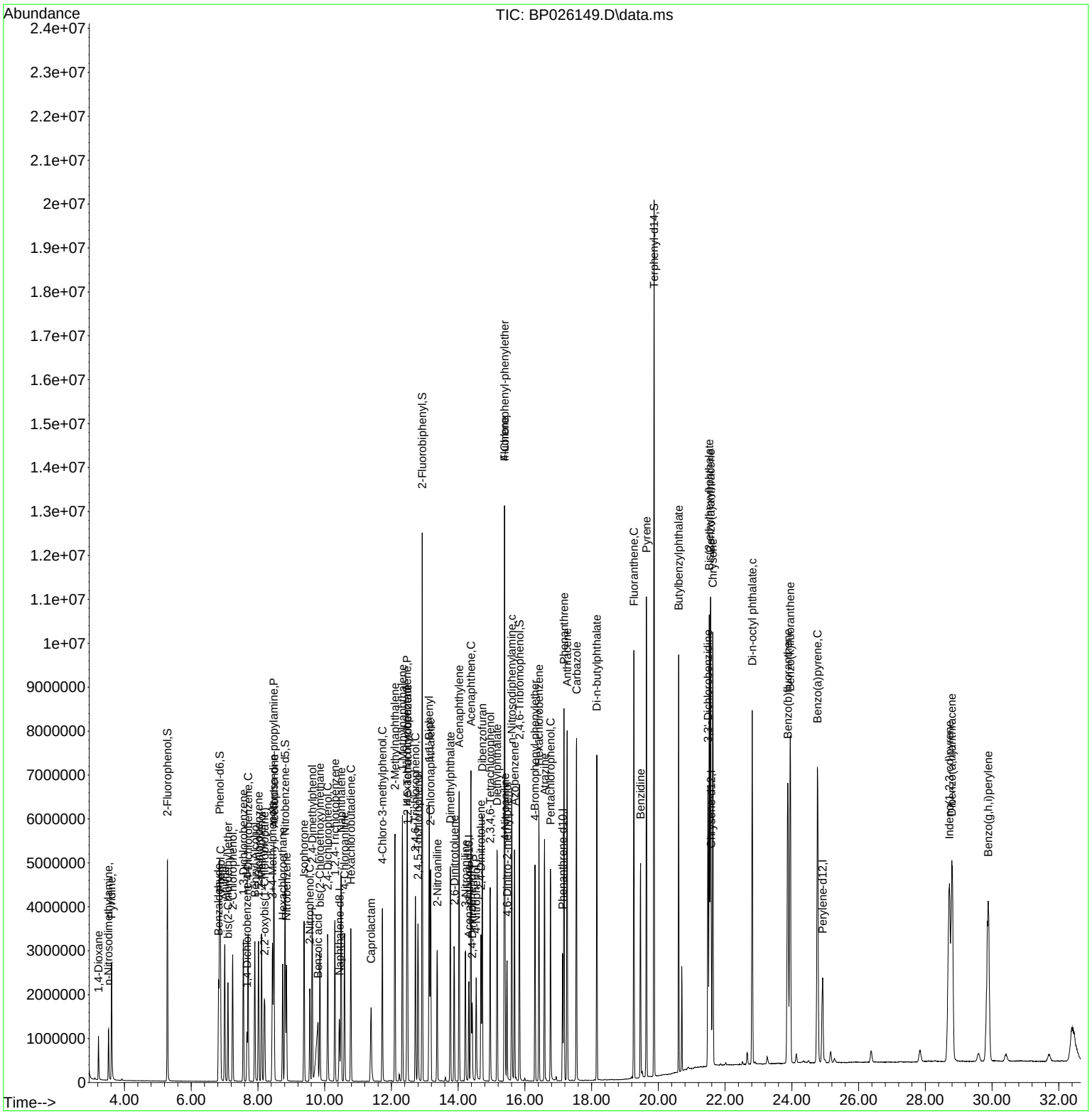
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

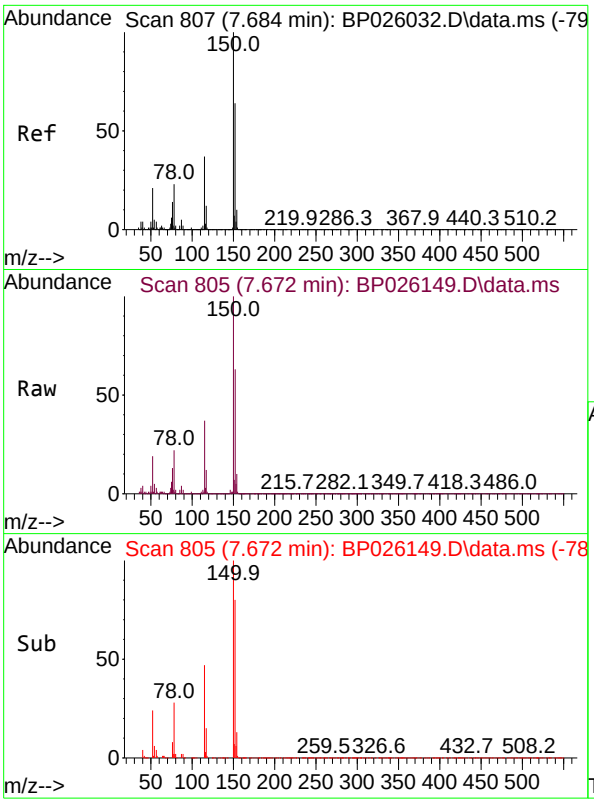
Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

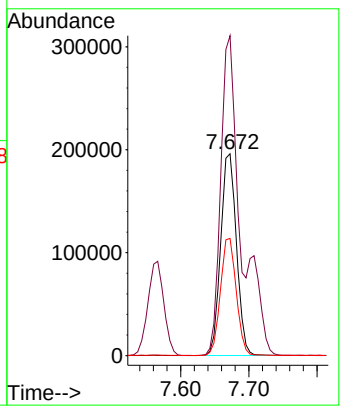





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:152 Resp: 31419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.6 | 123.0 | 184.6 |
| 115 | 58.1 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
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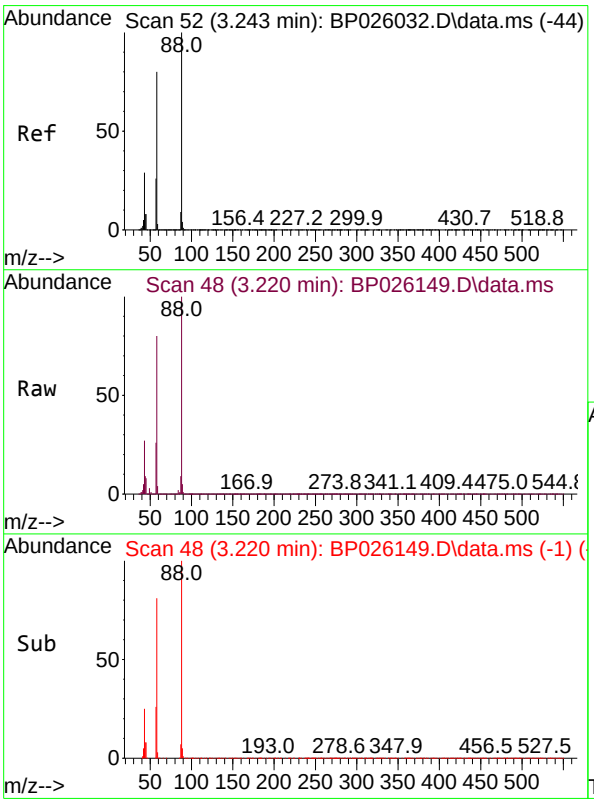
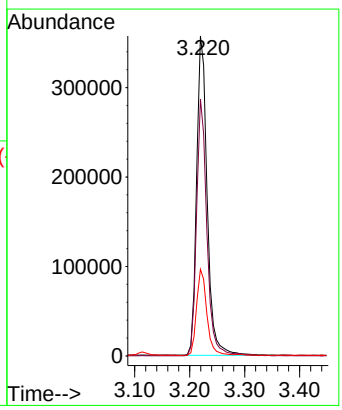
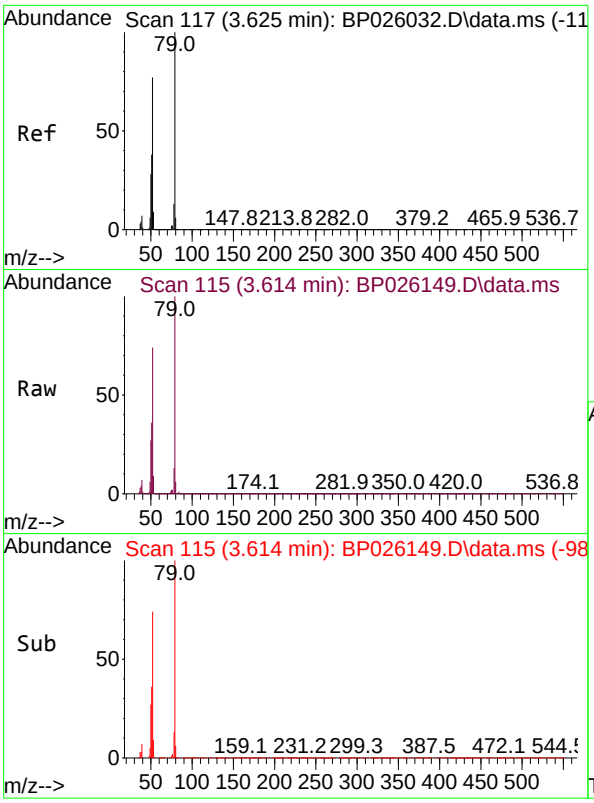



#2
1,4-Dioxane
Concen: 59.785 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 88 Resp: 476245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 79.0 | 64.2 | 96.4 |
| 43 | 26.7 | 21.5 | 32.3 |

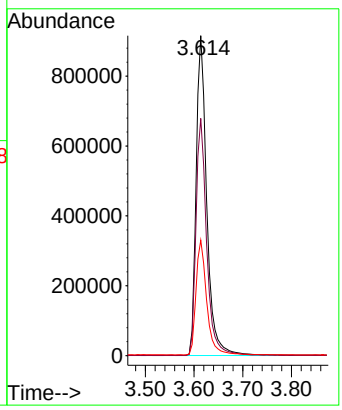





#3
Pyridine
Concen: 60.186 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 79 Resp: 138210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.1 | 60.2 | 90.2 |
| 51 | 36.1 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/19/2025
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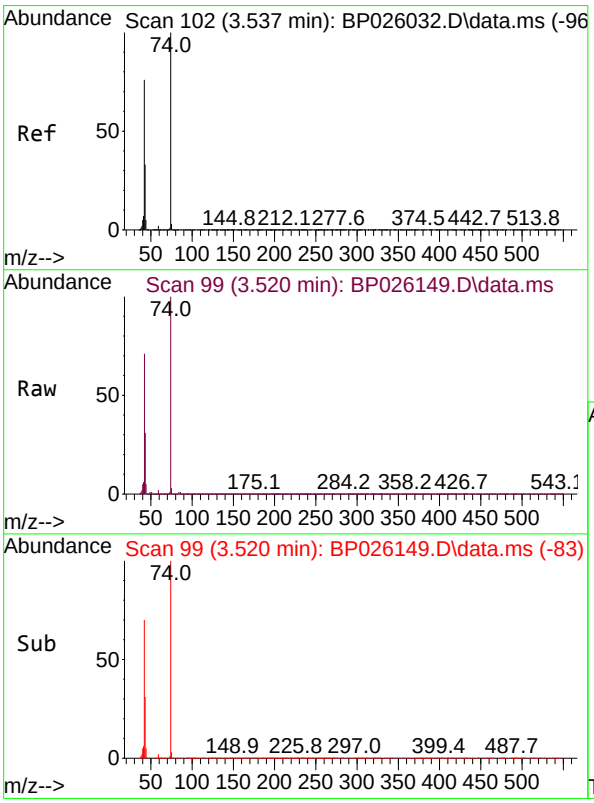
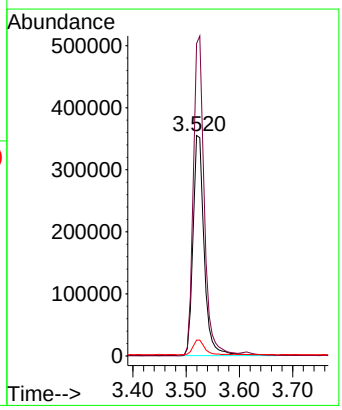
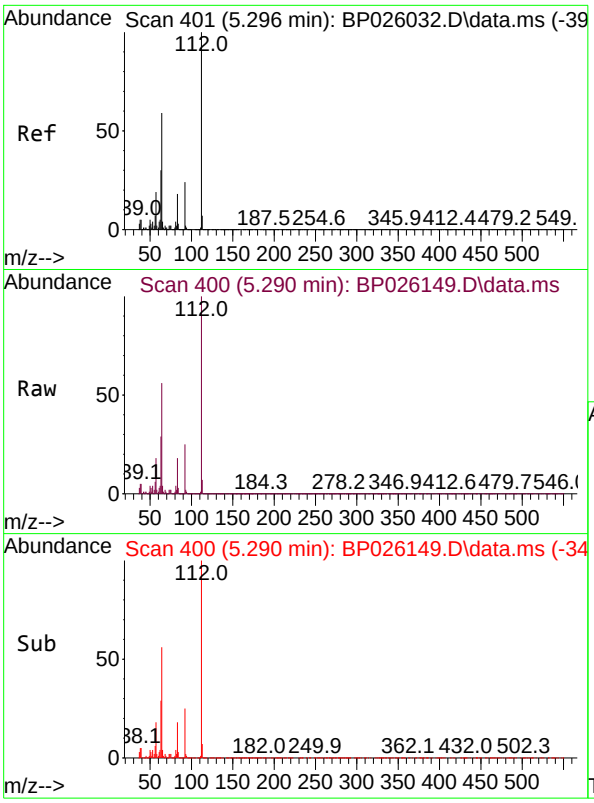



#4
n-Nitrosodimethylamine
Concen: 60.473 ng
RT: 3.520 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 42 Resp: 517563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.8 | 118.1 | 177.1 |
| 44 | 7.2 | 6.2 | 9.4 |






#5
2-Fluorophenol
Concen: 121.142 ng
RT: 5.290 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:112 Resp: 237204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.4 | 45.8 | 68.6 |
| 63 | 28.9 | 23.5 | 35.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

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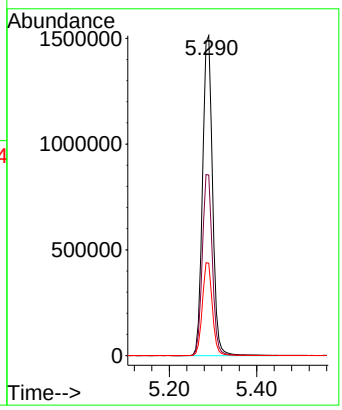
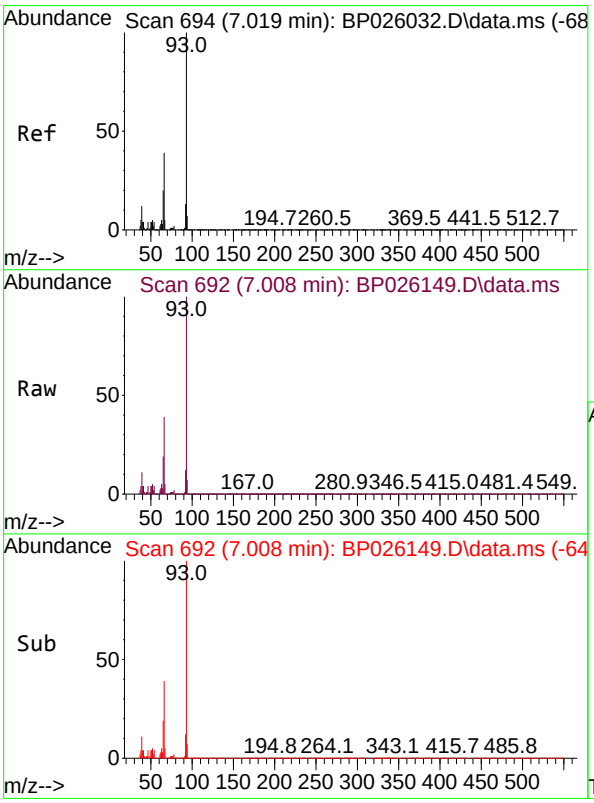
Supervised By :Sohil Jodhani 11/19/2025

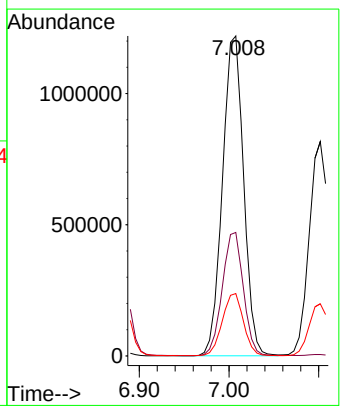


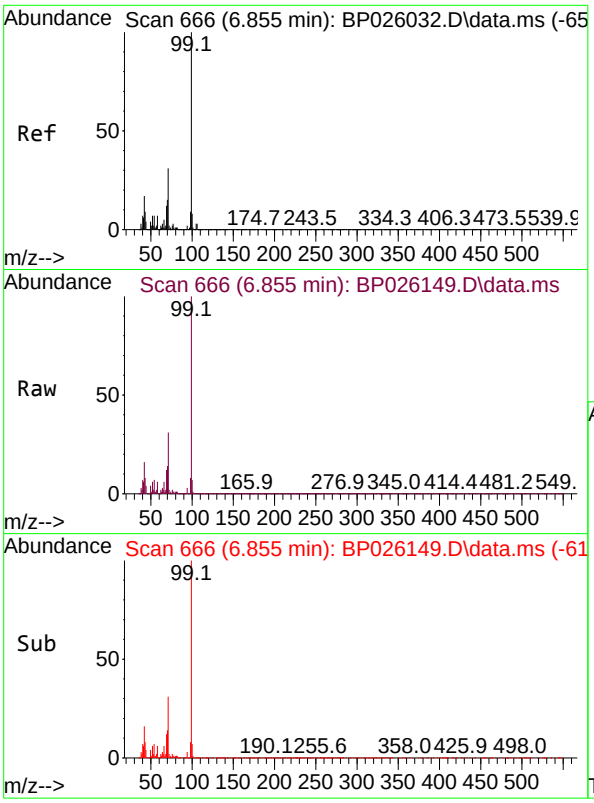




#6
Aniline
Concen: 60.994 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 2004653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.6 | 31.7 | 47.5 |
| 65 | 19.5 | 15.8 | 23.6 |

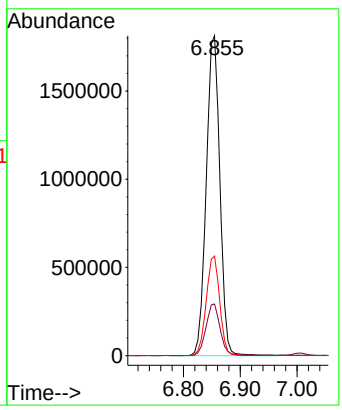





#7
Phenol-d6
Concen: 121.372 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 99 Resp: 3028199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 12.9 | 19.3 |
| 71 | 31.1 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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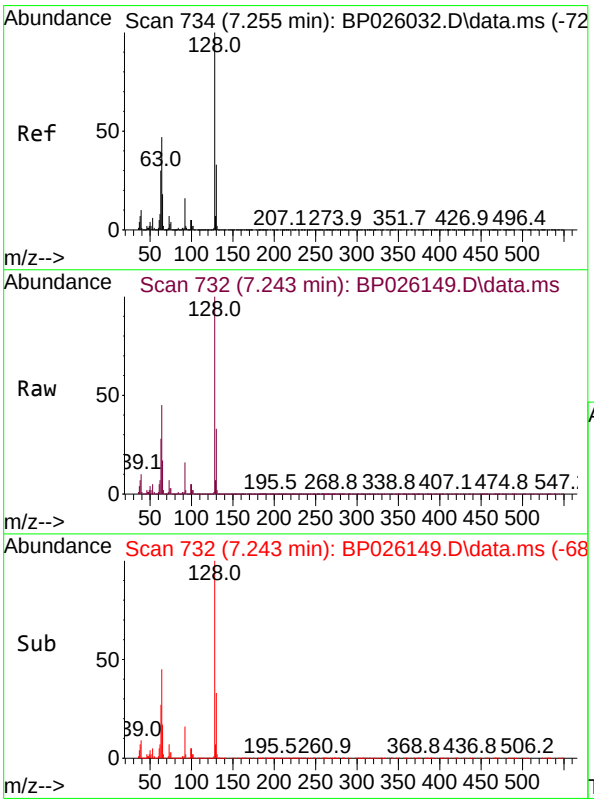
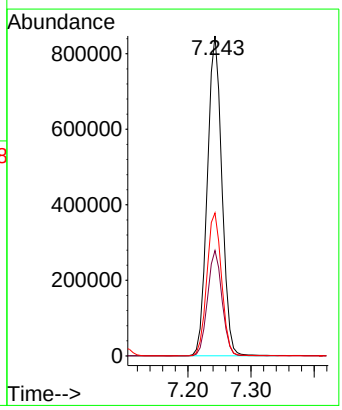
Supervised By :Sohil Jodhani 11/19/2025

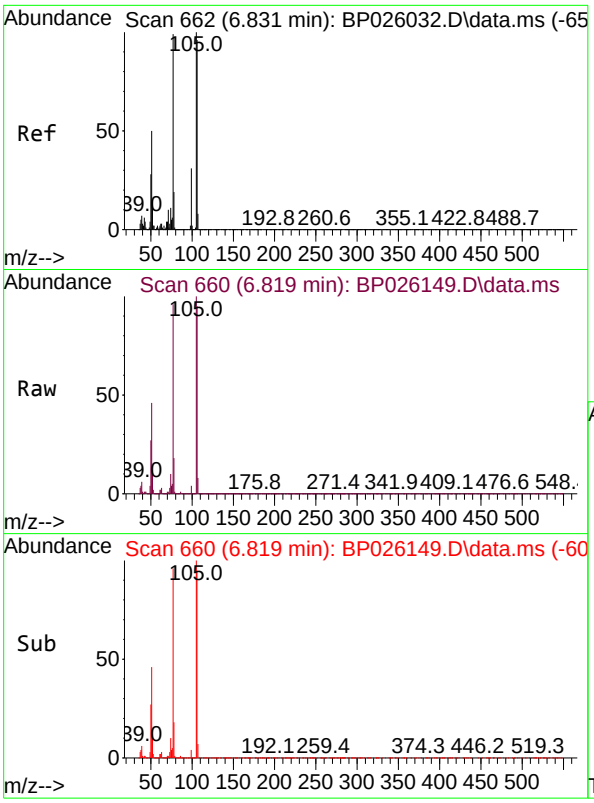



#8
2-Chlorophenol
Concen: 60.900 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 1356198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.4 | 52.4 |
| 64 | 44.7 | 23.9 | 63.9 |

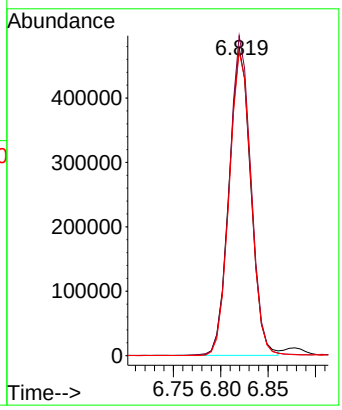





#9
Benzaldehyde
Concen: 71.224 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 765301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.0 | 82.9 | 122.9 |
| 106 | 98.9 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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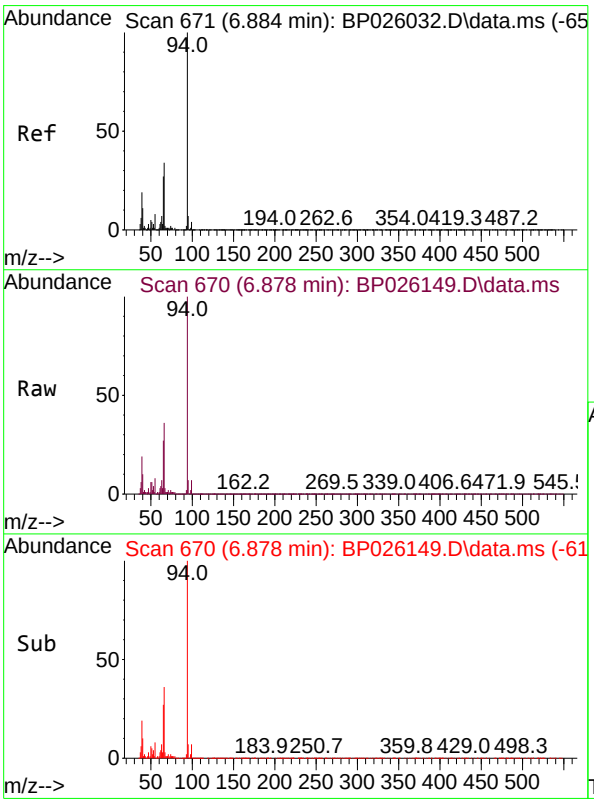
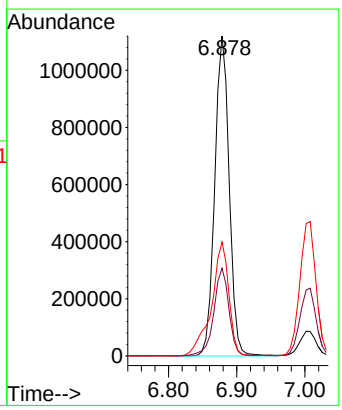
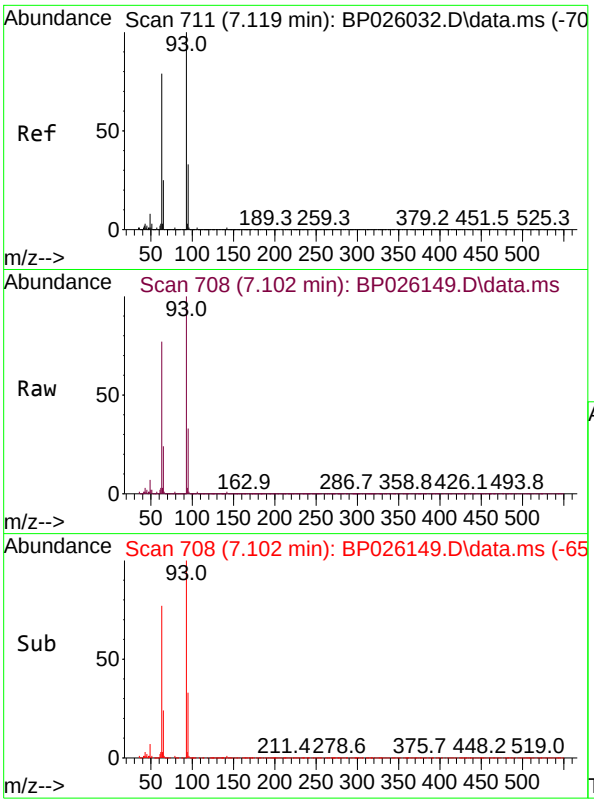



#10
Phenol
Concen: 61.164 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 94 Resp: 1642143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.4 | 7.0 | 47.0 |
| 66 | 35.6 | 14.5 | 54.5 |

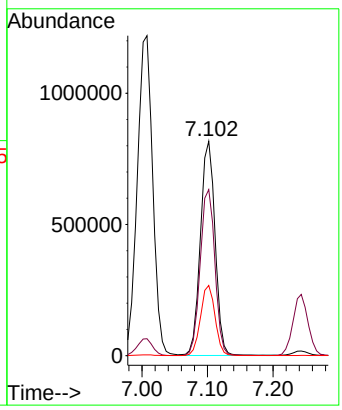





#11
bis(2-Chloroethyl)ether
Concen: 60.197 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 126112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.5 | 58.8 | 98.8 |
| 95 | 32.7 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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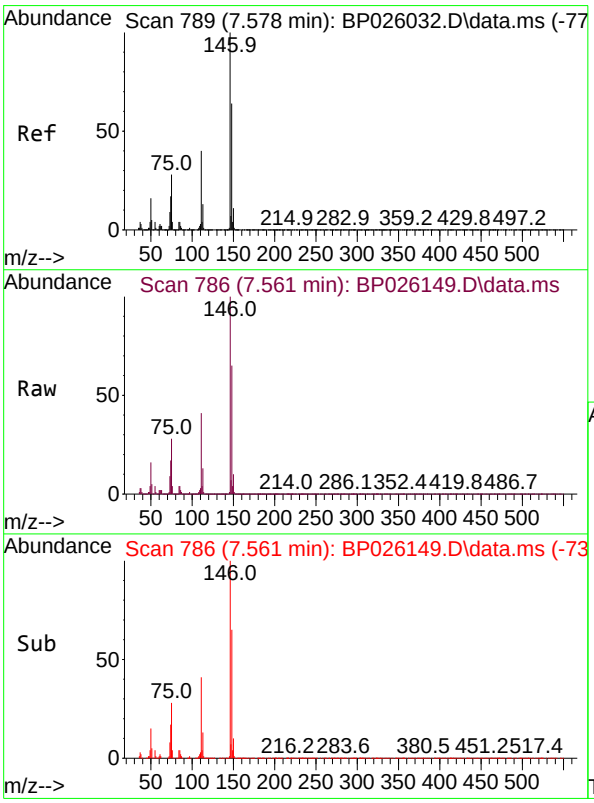
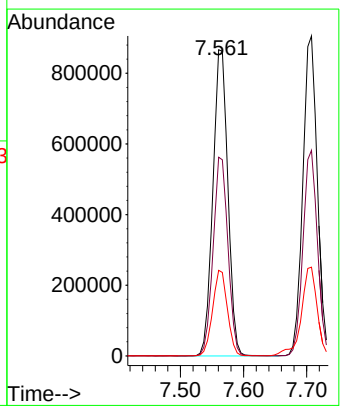
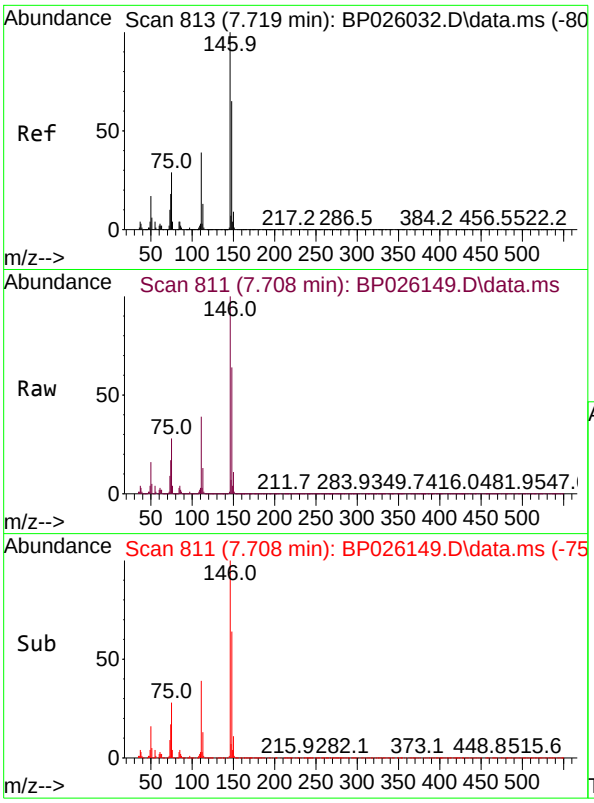



#12
1,3-Dichlorobenzene
Concen: 59.655 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1430521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.8 | 77.8 |
| 75 | 28.0 | 22.2 | 33.2 |

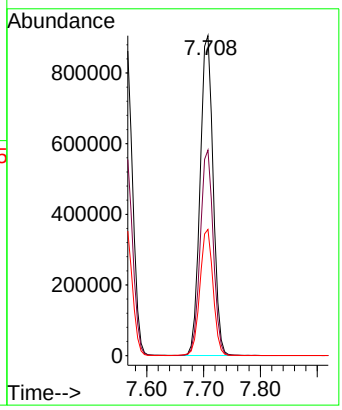





#13
1,4-Dichlorobenzene
Concen: 59.788 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 144382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.4 | 77.2 |
| 111 | 39.4 | 31.7 | 47.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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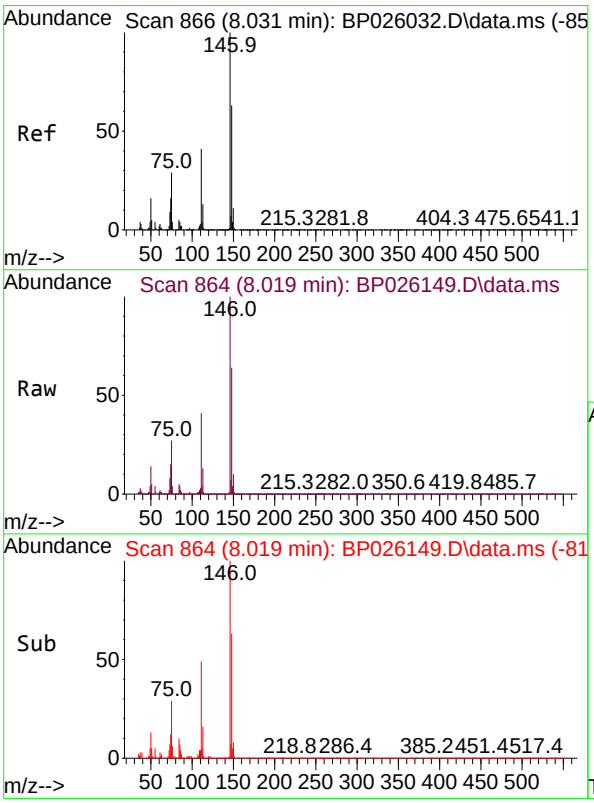
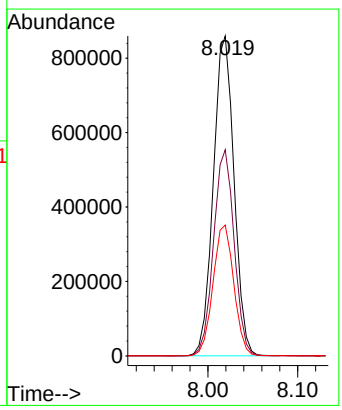
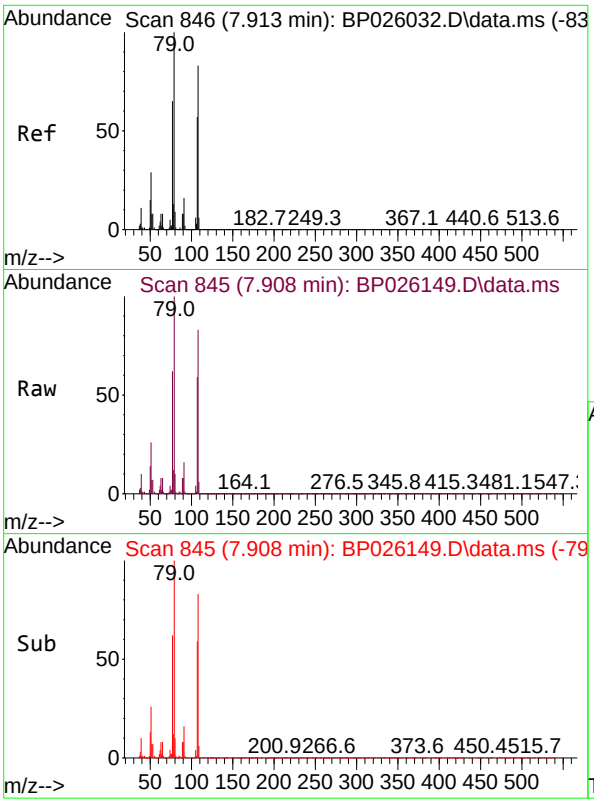



#14
1,2-Dichlorobenzene
Concen: 59.657 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1385870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.0 | 76.6 |
| 111 | 40.9 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 60.077 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 79 Resp: 109674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.6 | 66.2 | 99.4 |
| 77 | 61.8 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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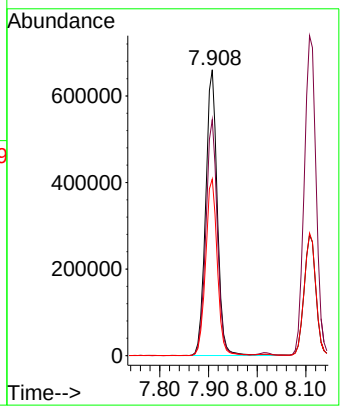
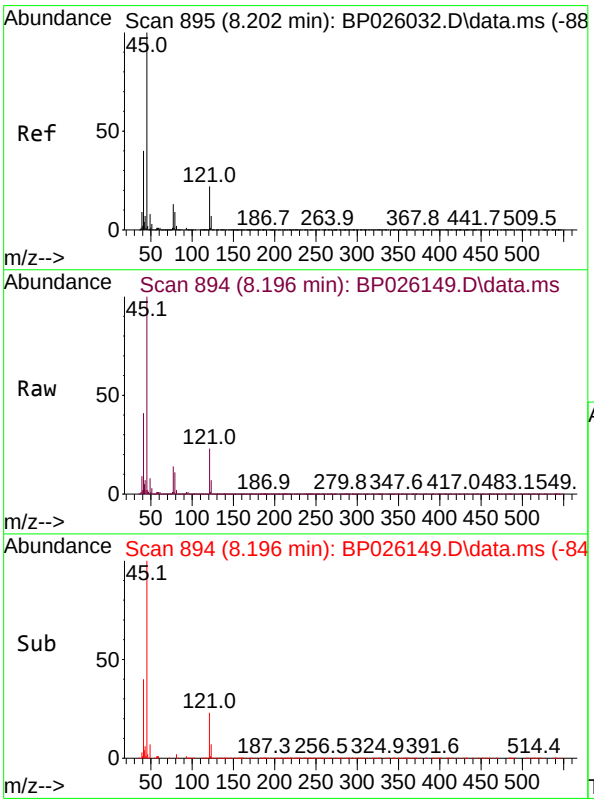
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

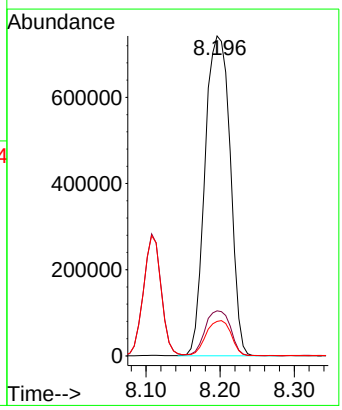


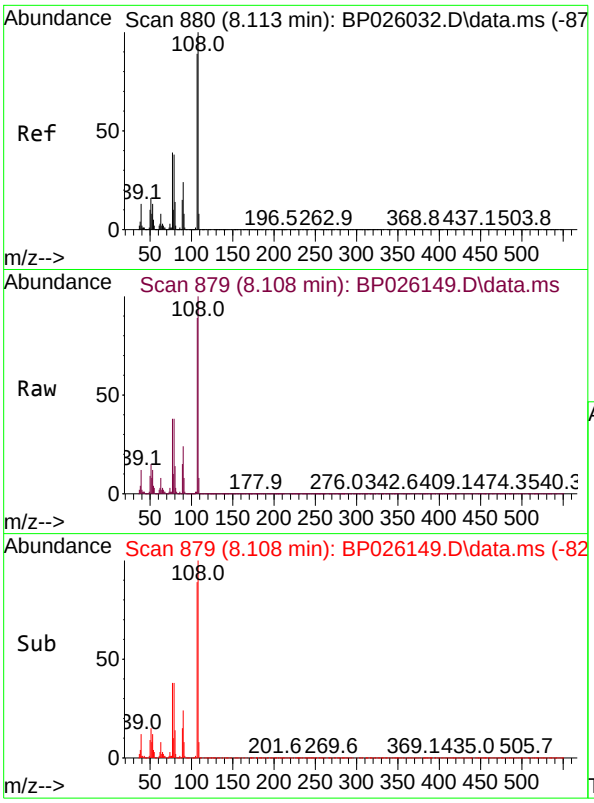




#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.925 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 45 Resp: 1745357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.1 | 0.0 | 33.9 |
| 79 | 10.8 | 0.0 | 30.4 |

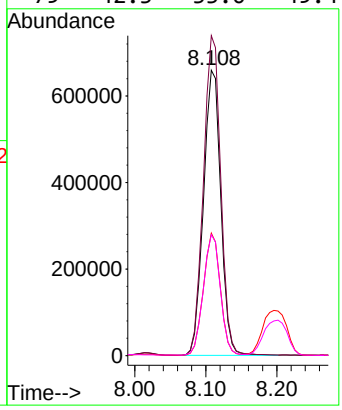





#17
2-Methylphenol
Concen: 60.841 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 111250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.1 | 89.7 | 134.5 |
| 77 | 42.9 | 33.9 | 50.9 |
| 79 | 42.3 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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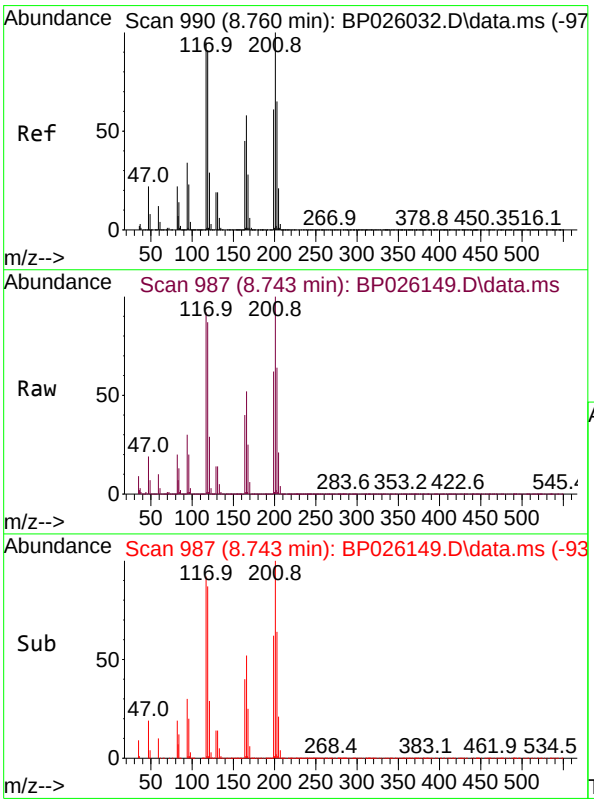
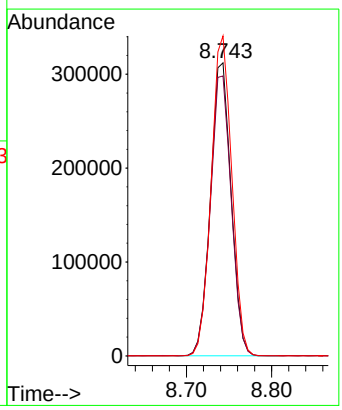
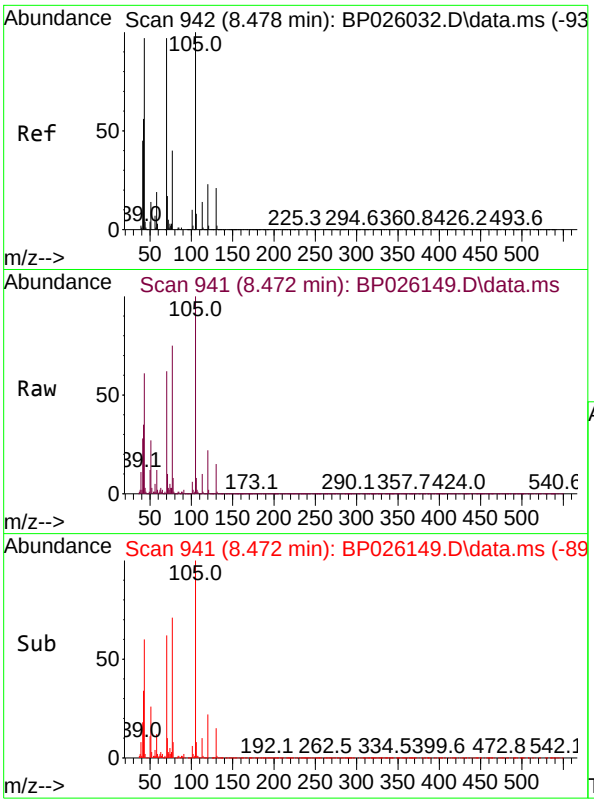



#18
Hexachloroethane
Concen: 59.675 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:117 Resp: 525228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 78.7 | 118.1 |
| 201 | 109.2 | 85.1 | 127.7 |

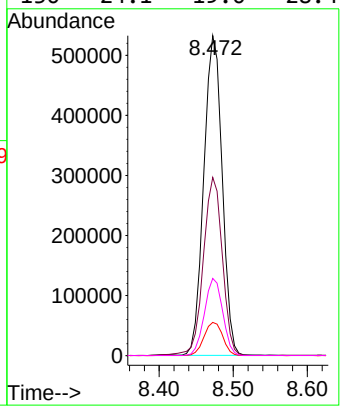





#19
n-Nitroso-di-n-propylamine
Concen: 59.177 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 70 Resp: 91943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.7 | 44.1 | 66.1 |
| 101 | 10.4 | 8.2 | 12.4 |
| 130 | 24.1 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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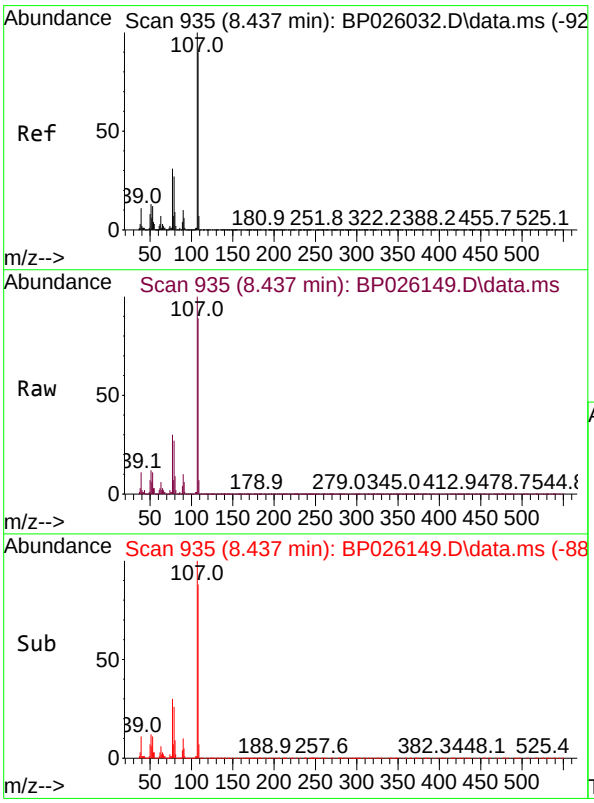
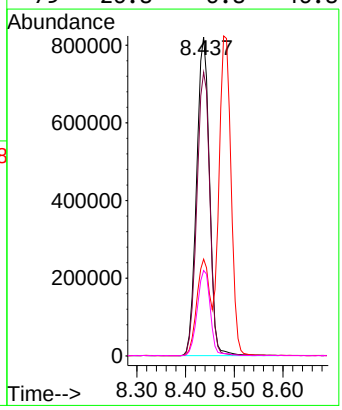
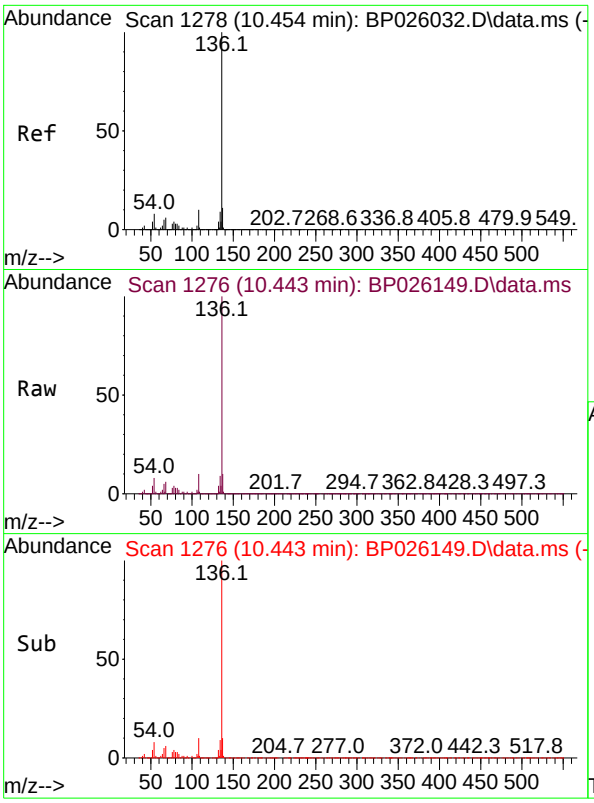



#20
3+4-Methylphenols
Concen: 59.338 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1508814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.0 | 68.9 | 108.9 |
| 77 | 30.4 | 10.4 | 50.4 |
| 79 | 26.8 | 6.8 | 46.8 |

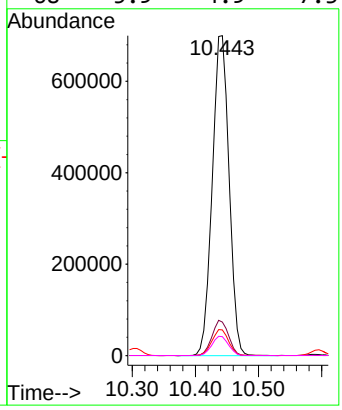





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:136 Resp: 129304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.7 | 13.1 |
| 54 | 8.0 | 6.4 | 9.6 |
| 68 | 5.9 | 4.9 | 7.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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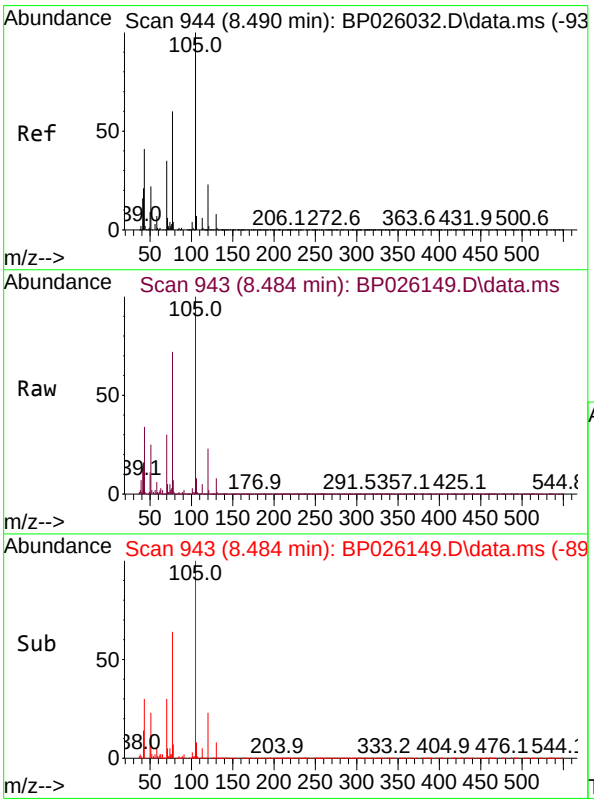
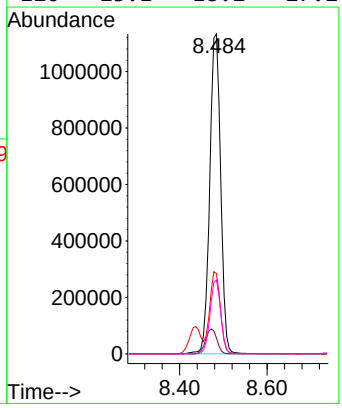
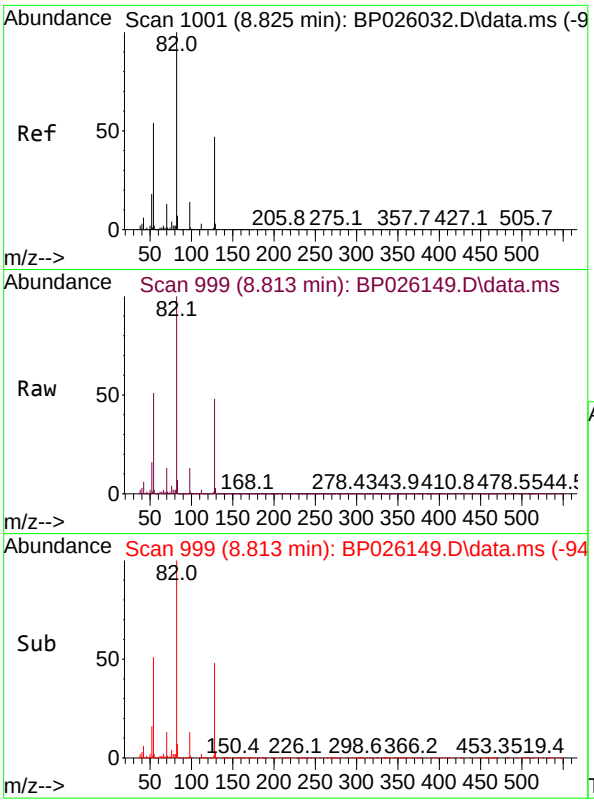



#22
Acetophenone
Concen: 59.787 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:105 Resp: 1966749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.0 | 3.0 | 4.4# |
| 51 | 25.1 | 20.5 | 30.7 |
| 120 | 23.1 | 18.2 | 27.2 |

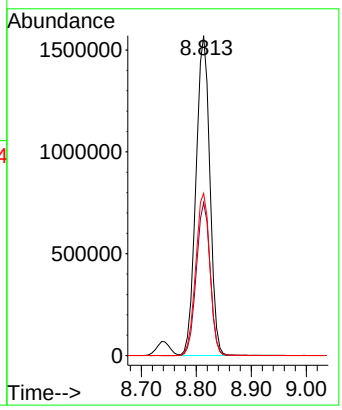





#23
Nitrobenzene-d5
Concen: 120.813 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 82 Resp: 275453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.8 | 37.4 | 56.0 |
| 54 | 50.7 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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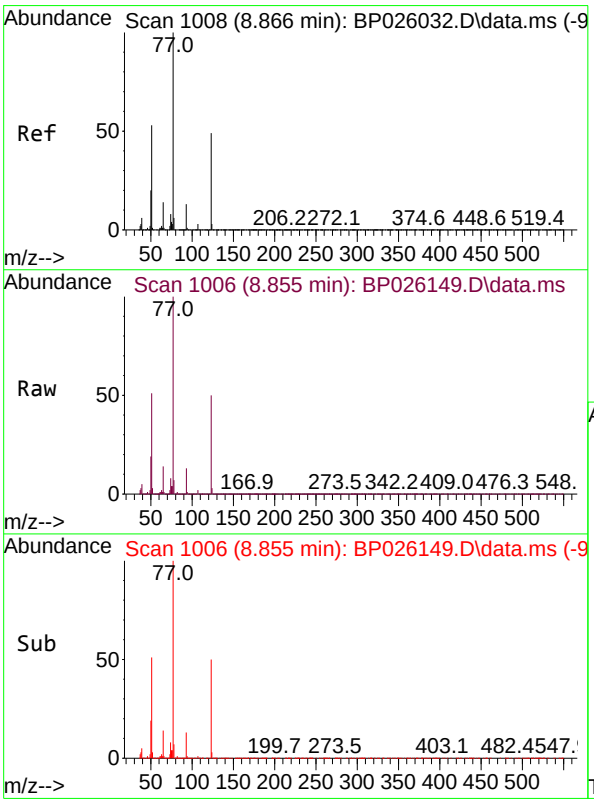
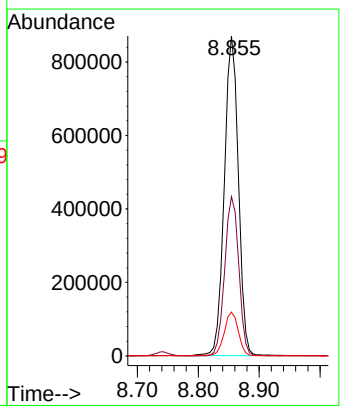
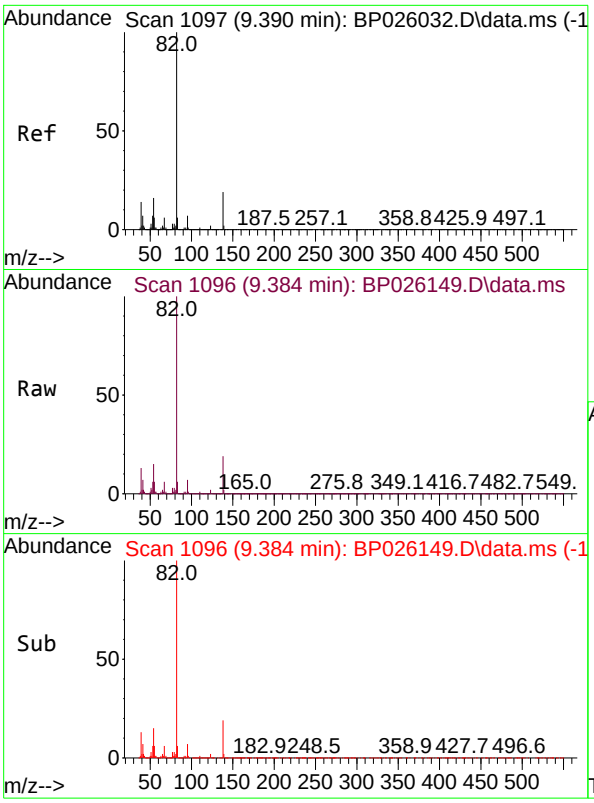



#24
Nitrobenzene
Concen: 60.453 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 1394959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.7 | 39.8 | 59.8 |
| 65 | 13.7 | 11.2 | 16.8 |

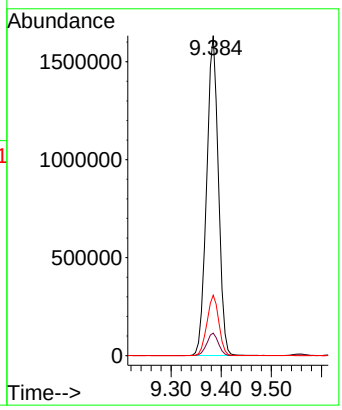





#25
Isophorone
Concen: 58.787 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 82 Resp: 266127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 18.9 | 15.4 | 23.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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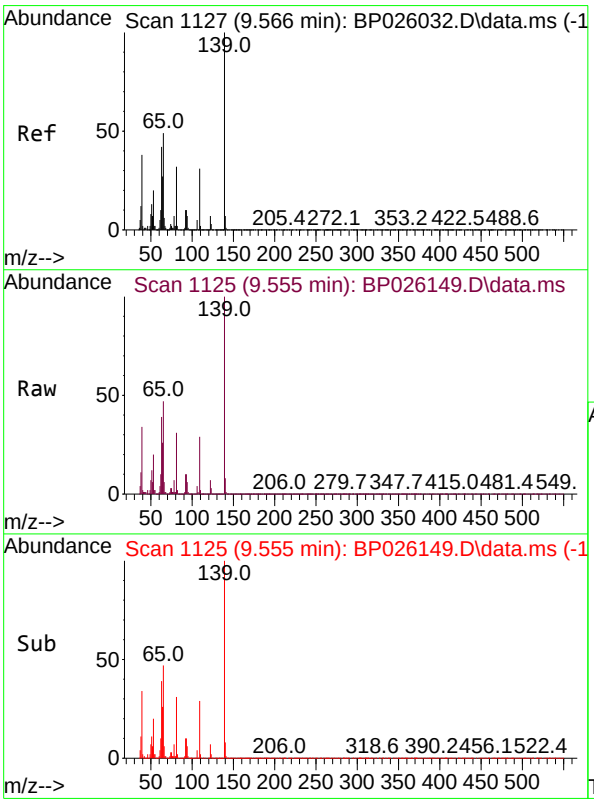
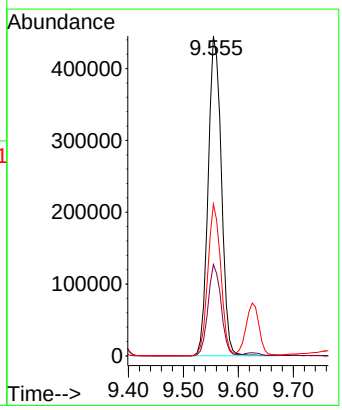
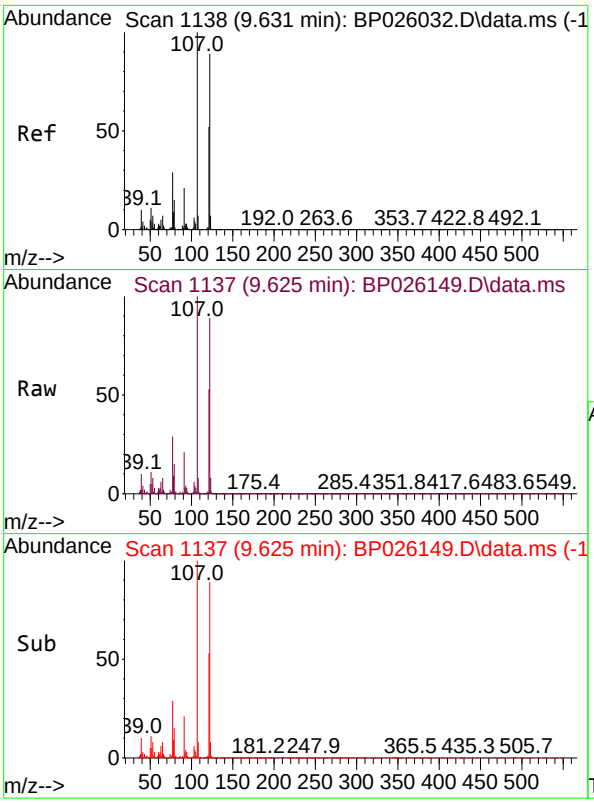



#26
2-Nitrophenol
Concen: 64.005 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:139 Resp: 744625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.5 | 22.3 | 33.5 |
| 65 | 47.4 | 37.2 | 55.8 |






#27
2,4-Dimethylphenol
Concen: 60.144 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:122 Resp: 126762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.1 | 91.0 | 136.6 |
| 121 | 59.5 | 47.0 | 70.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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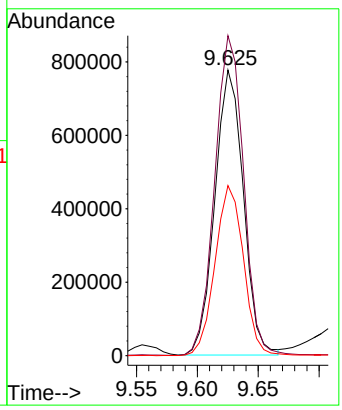
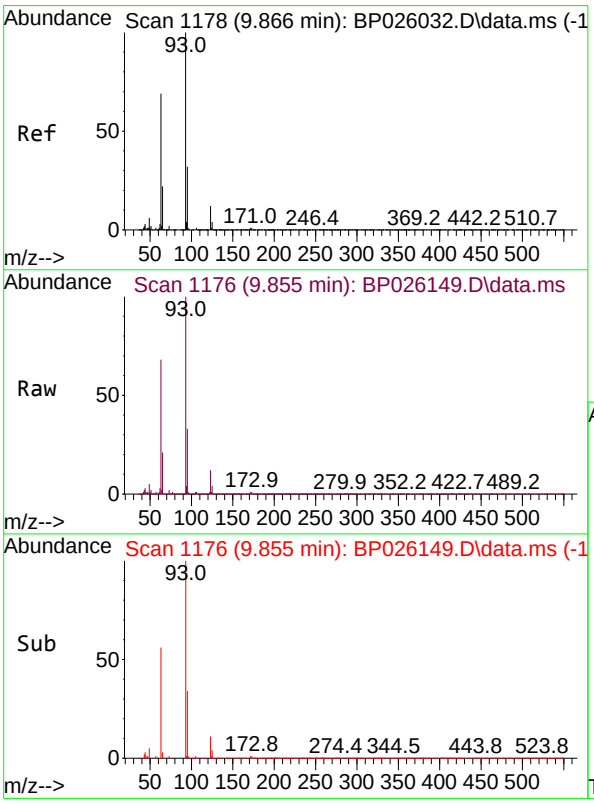
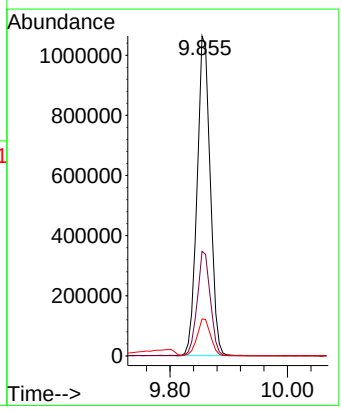


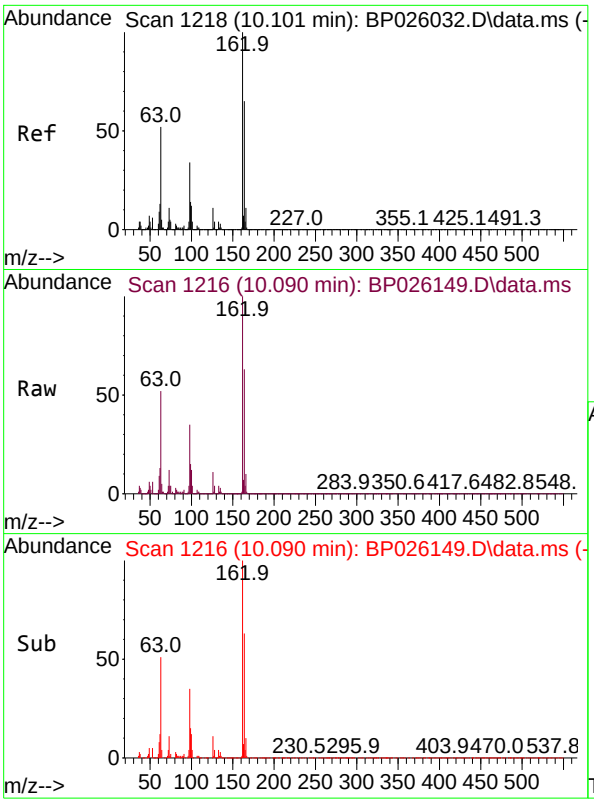




#28
bis(2-Chloroethoxy)methane
Concen: 58.243 ng
RT: 9.855 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 1650883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.4 | 39.6 |
| 123 | 11.5 | 9.4 | 14.0 |

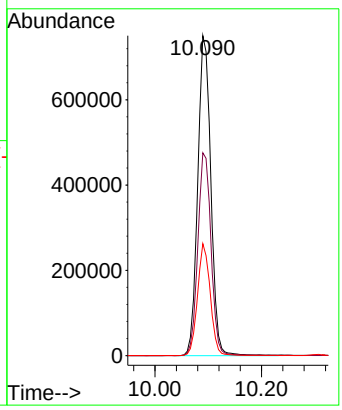





#29
2,4-Dichlorophenol
Concen: 60.911 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:162 Resp: 127905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.4 | 43.8 | 83.8 |
| 98 | 35.0 | 14.1 | 54.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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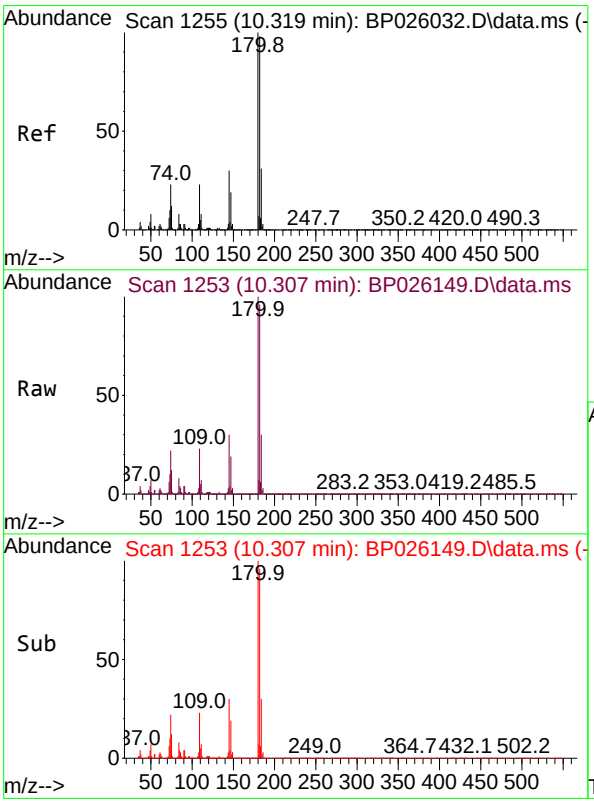
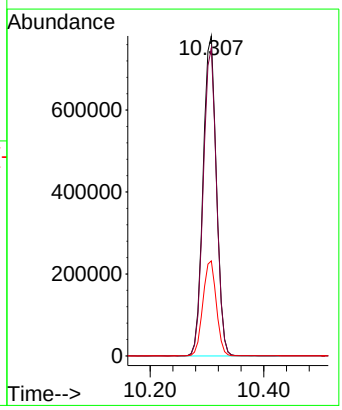
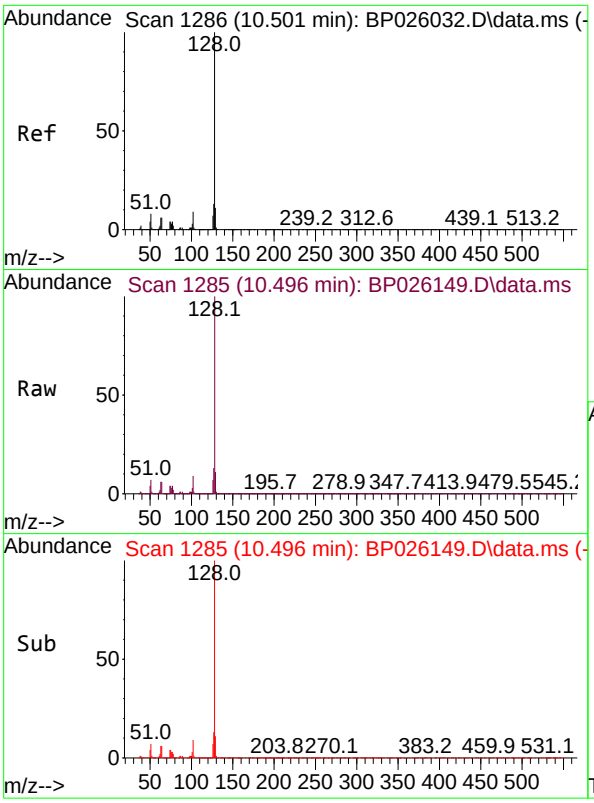



#30
1,2,4-Trichlorobenzene
Concen: 59.435 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:180 Resp: 1271878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 78.1 | 117.1 |
| 145 | 29.7 | 24.2 | 36.4 |

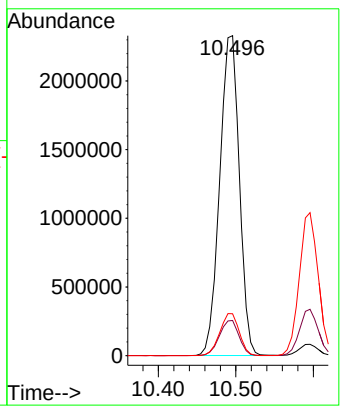





#31
Naphthalene
Concen: 58.487 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 410644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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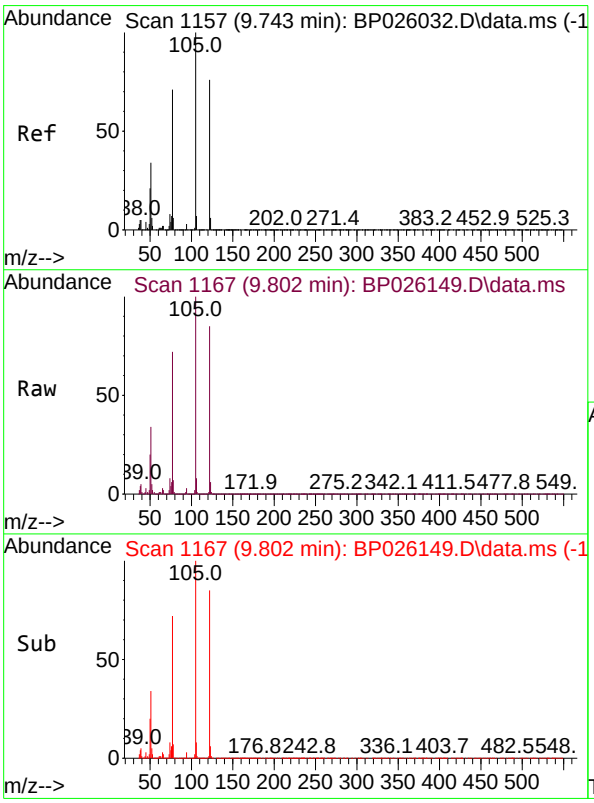
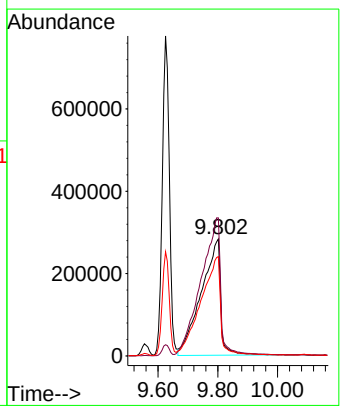
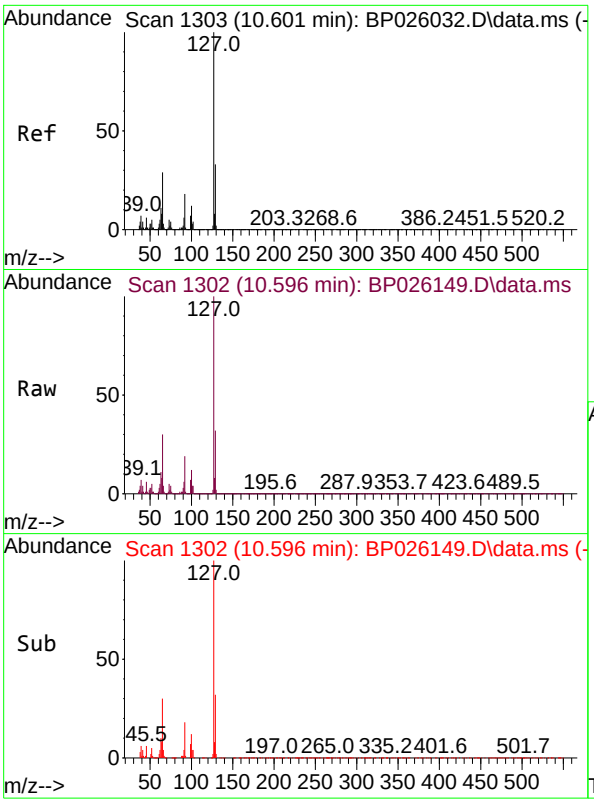



#32
Benzoic acid
Concen: 75.148 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.036 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:122 Resp: 1274317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.1 | 100.1 | 140.1 |
| 77 | 84.9 | 66.7 | 106.7 |

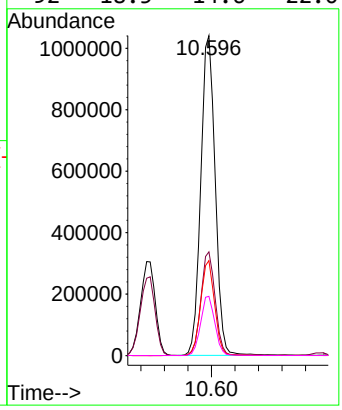





#33
4-Chloroaniline
Concen: 59.551 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:127 Resp: 177480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.8 | 38.8 |
| 65 | 29.7 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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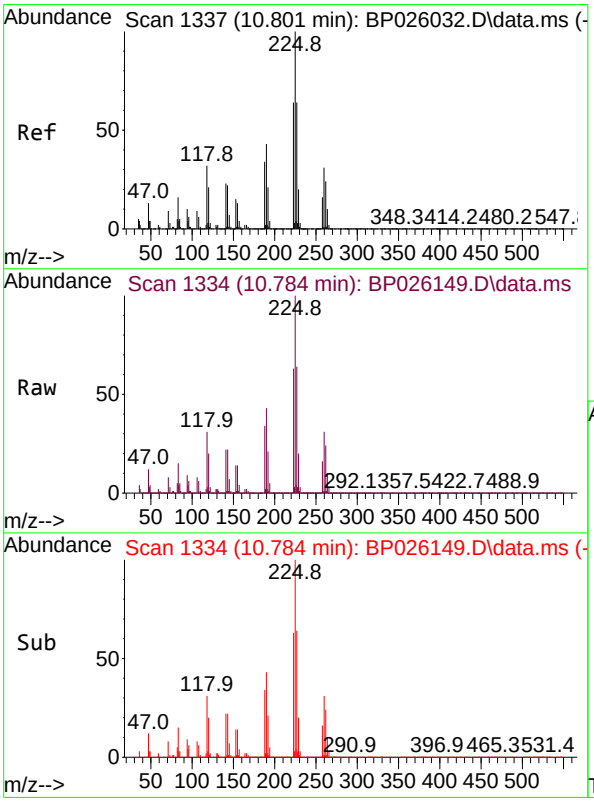
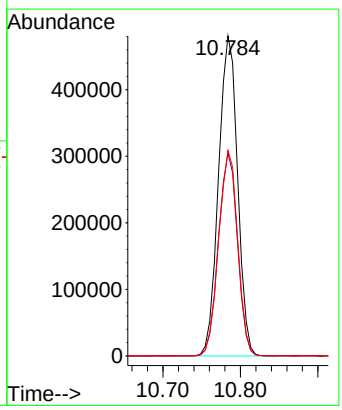
Supervised By :Sohil Jodhani 11/19/2025

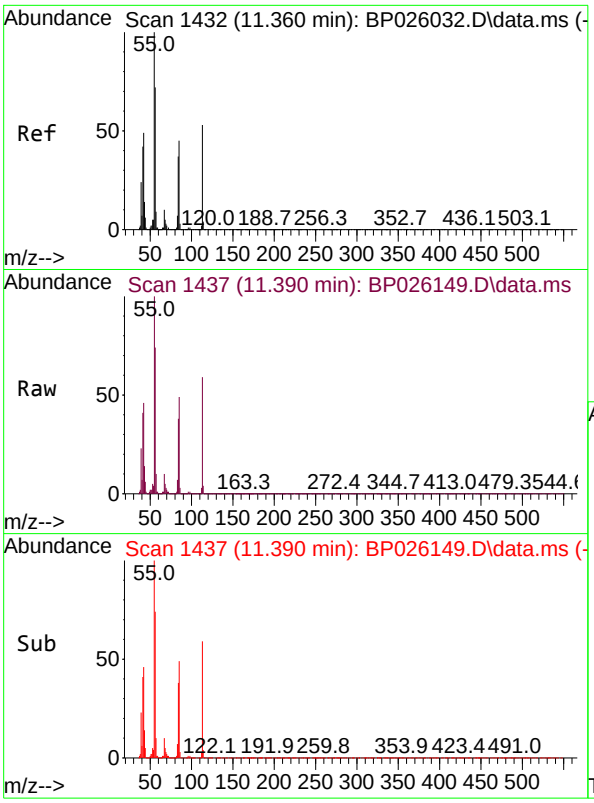



#34
Hexachlorobutadiene
Concen: 58.957 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:225 Resp: 820866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 49.6 | 74.4 |
| 227 | 64.2 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 58.493 ng
RT: 11.390 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:113 Resp: 442308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 170.8 | 153.0 | 193.0 |
| 56 | 126.2 | 106.4 | 146.4 |

**Manual Integrations**
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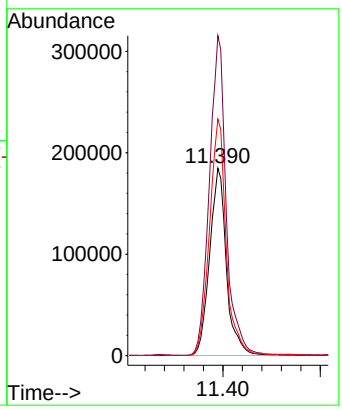
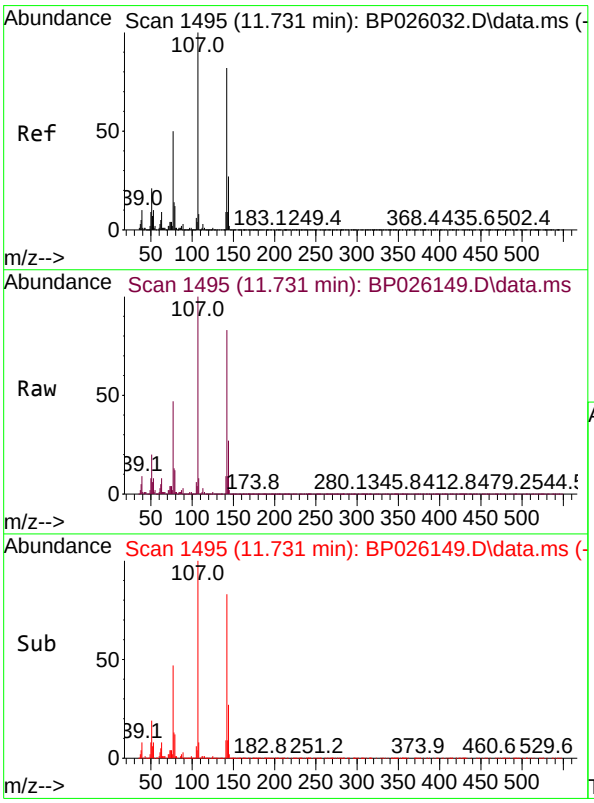
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

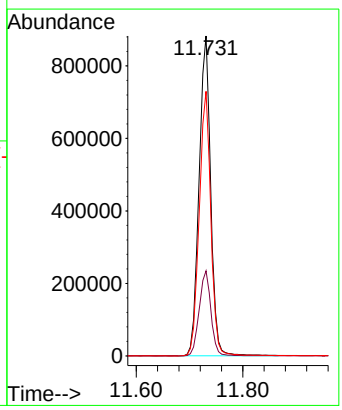


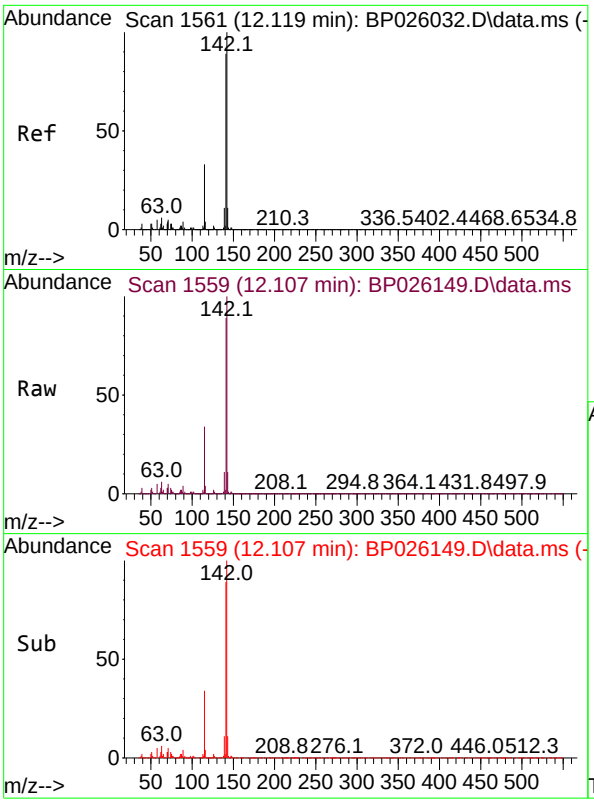




#36
4-Chloro-3-methylphenol
Concen: 59.672 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1333194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.6 | 21.6 | 32.4 |
| 142 | 82.7 | 65.6 | 98.4 |

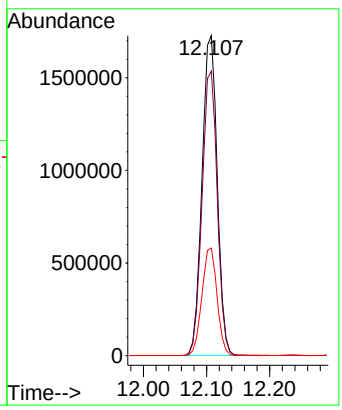





#37
2-Methylnaphthalene
Concen: 58.205 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 289257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.9 | 71.0 | 106.6 |
| 115 | 33.6 | 26.6 | 39.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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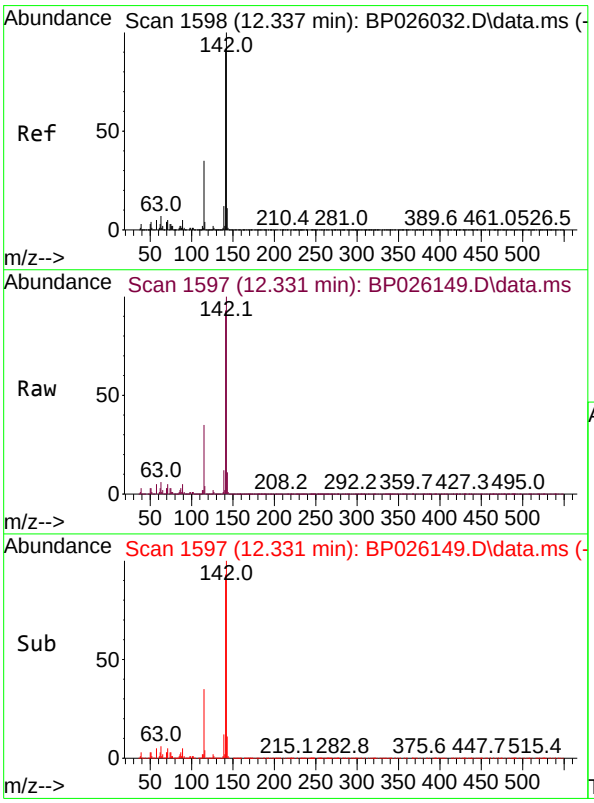
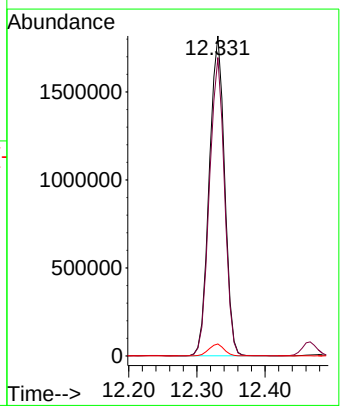
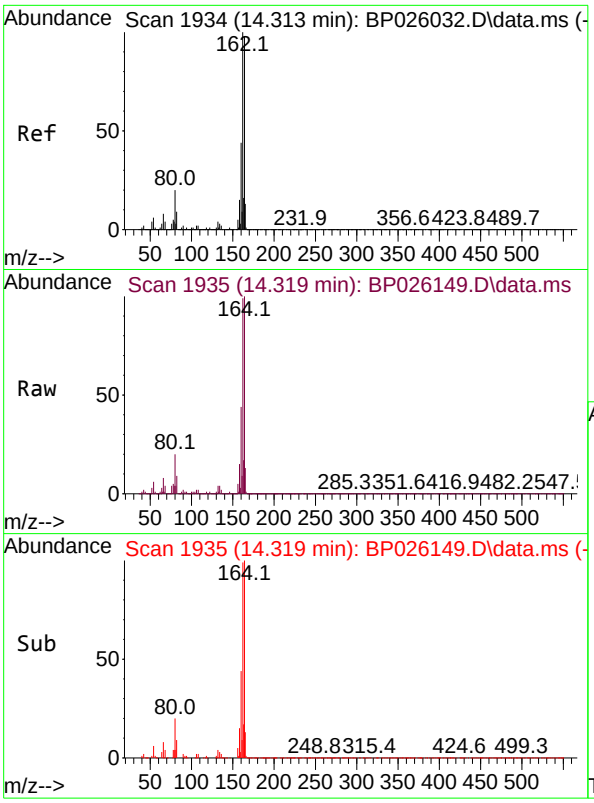



#38
1-Methylnaphthalene
Concen: 58.118 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 2826038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.2 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |

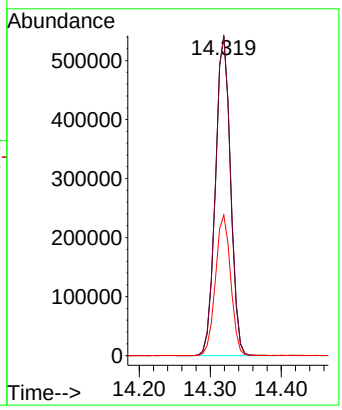





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:164 Resp: 796804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.5 | 80.3 | 120.5 |
| 160 | 43.9 | 35.2 | 52.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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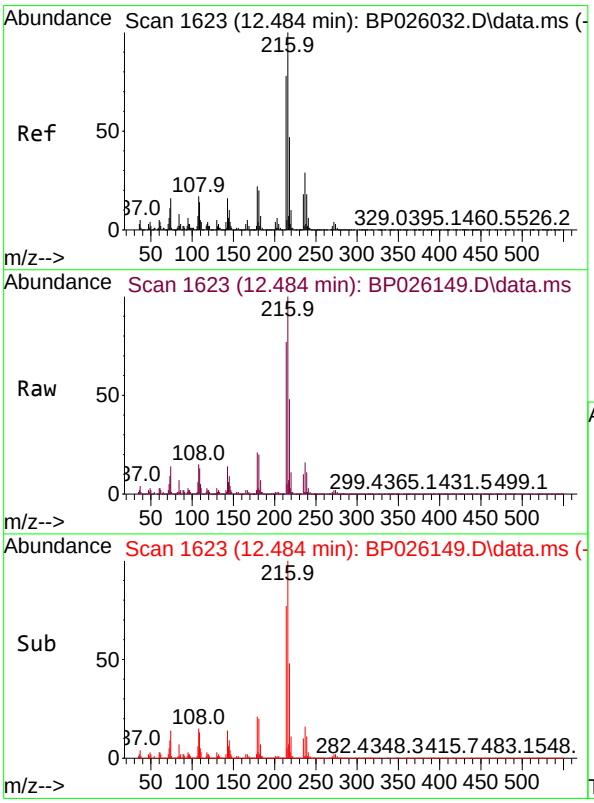
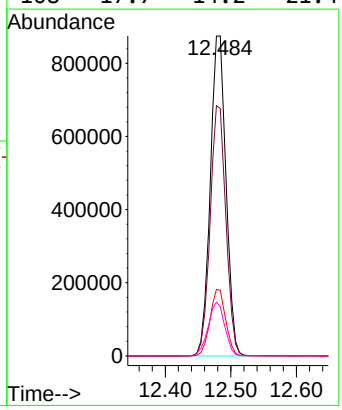
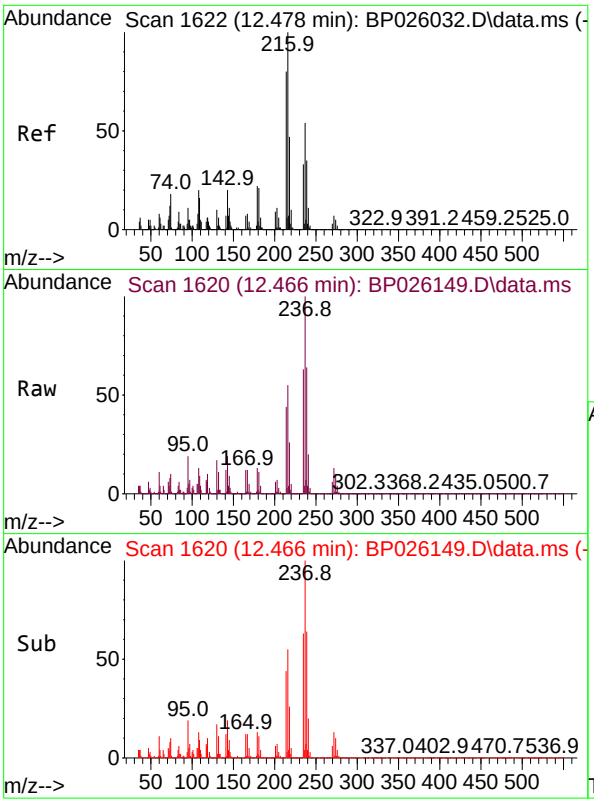



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.722 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:216 Resp: 1458024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.7 | 14.2 | 21.4 |

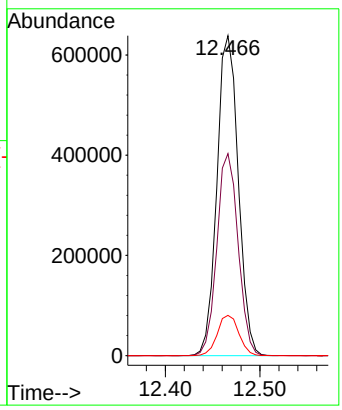





#41
Hexachlorocyclopentadiene
Concen: 63.796 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:237 Resp: 99982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 43.3 | 83.3 |
| 272 | 12.6 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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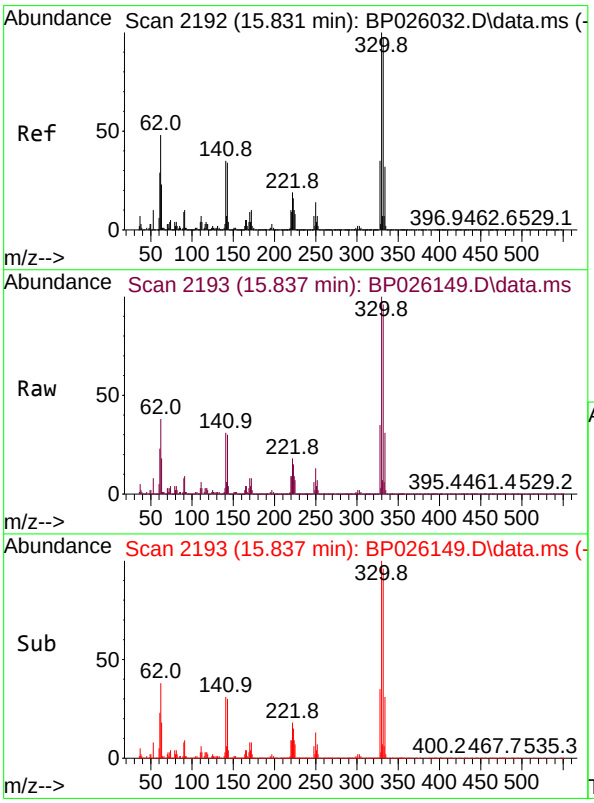
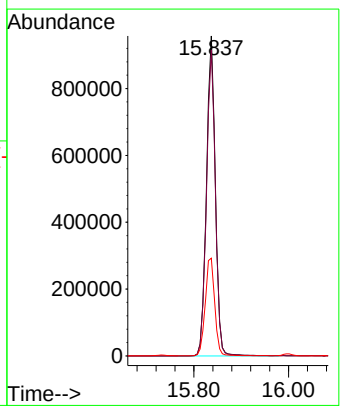
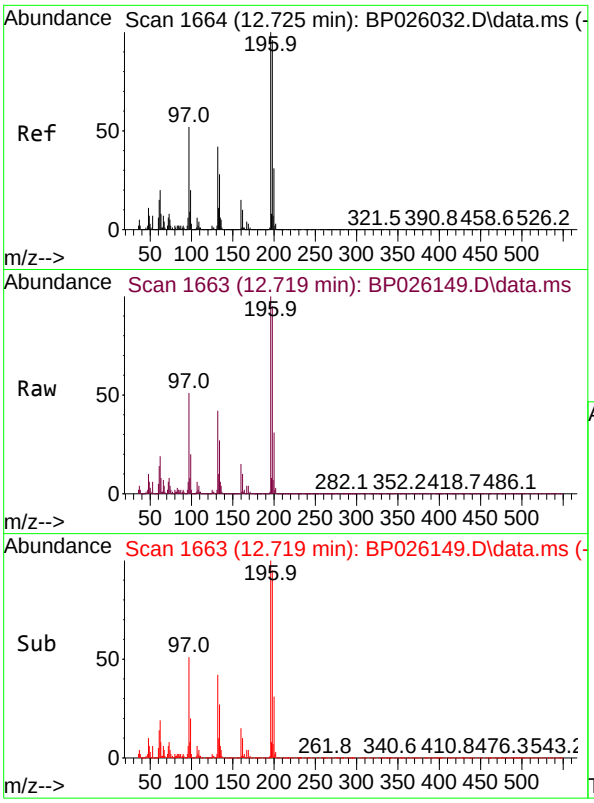



#42
2,4,6-Tribromophenol
Concen: 120.534 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:330 Resp: 1244554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 78.0 | 117.0 |
| 141 | 32.7 | 26.8 | 40.2 |

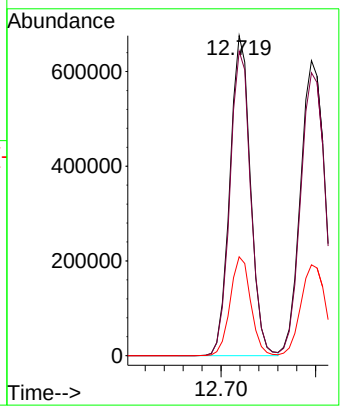





#43
2,4,6-Trichlorophenol
Concen: 61.691 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 101936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 76.9 | 115.3 |
| 200 | 30.9 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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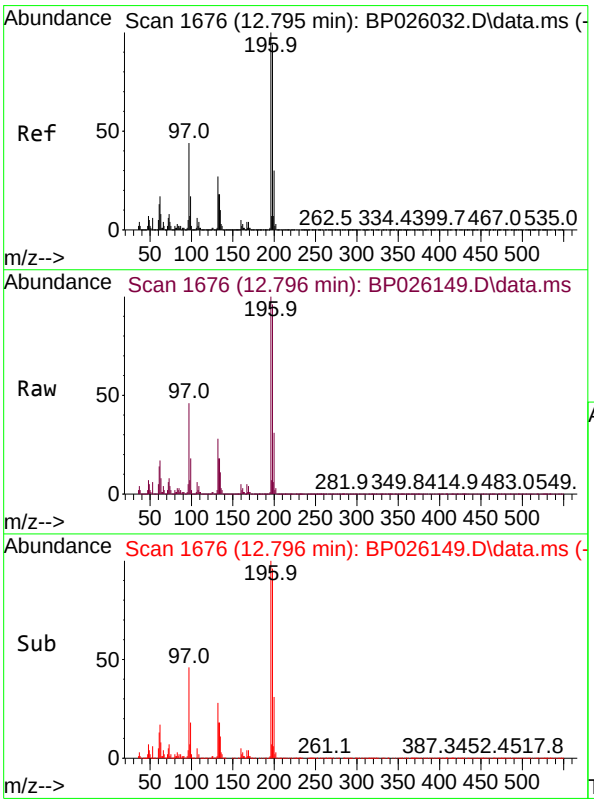
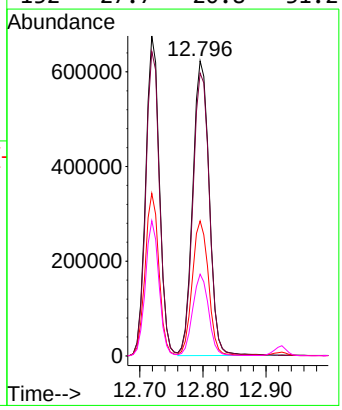
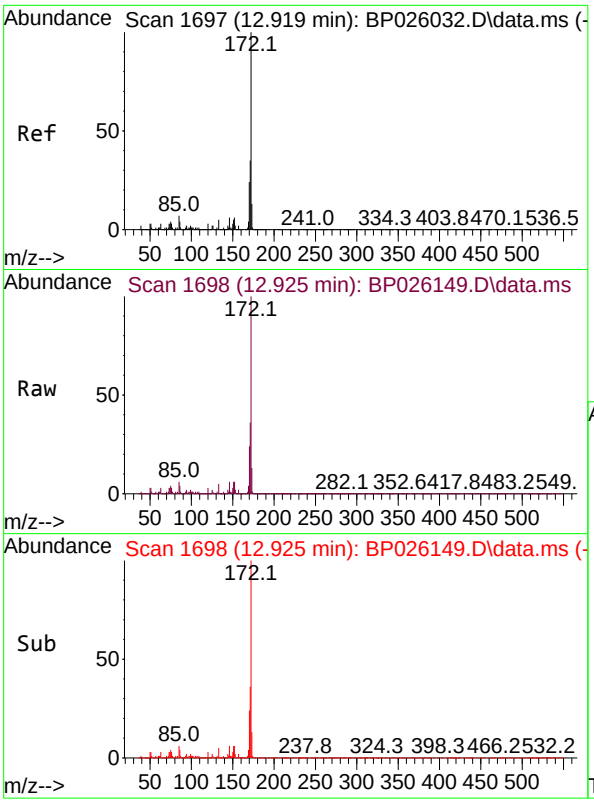



#44
2,4,5-Trichlorophenol
Concen: 61.302 ng
RT: 12.796 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 1129527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.4 | 114.6 |
| 97 | 45.8 | 35.7 | 53.5 |
| 132 | 27.7 | 20.8 | 31.2 |

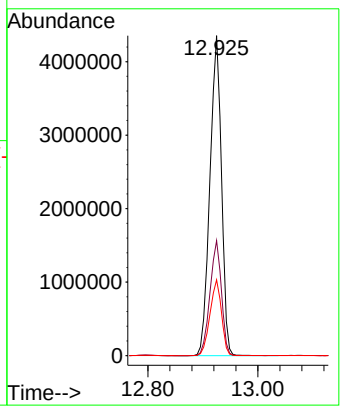





#45
2-Fluorobiphenyl
Concen: 115.965 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:172 Resp: 633363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.2 | 42.4 |
| 170 | 23.7 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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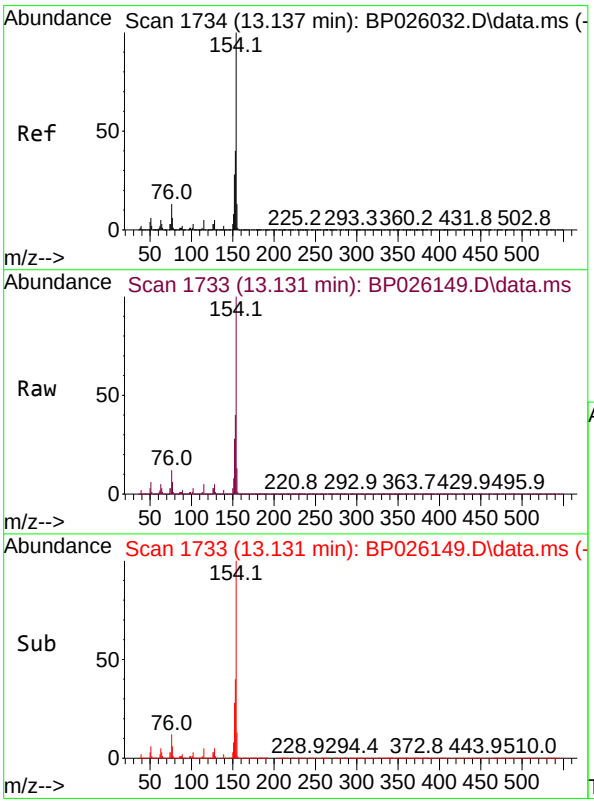
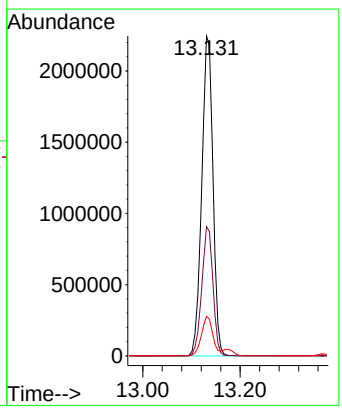
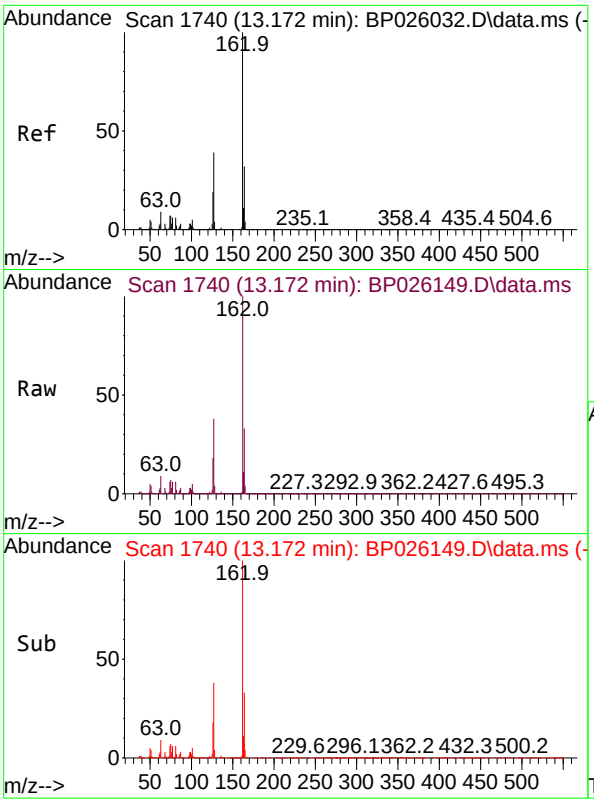



#46
1,1'-Biphenyl
Concen: 60.111 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:154 Resp: 3595006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.3 | 60.3 |
| 76 | 12.3 | 0.0 | 32.3 |

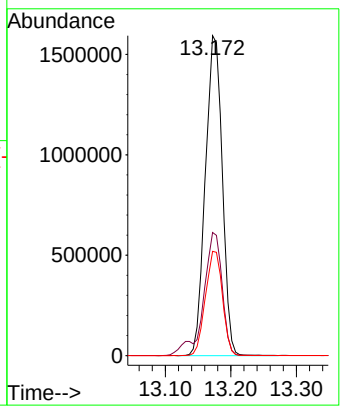





#47
2-Chloronaphthalene
Concen: 60.741 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:162 Resp: 285598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.5 | 30.9 | 46.3 |
| 164 | 32.6 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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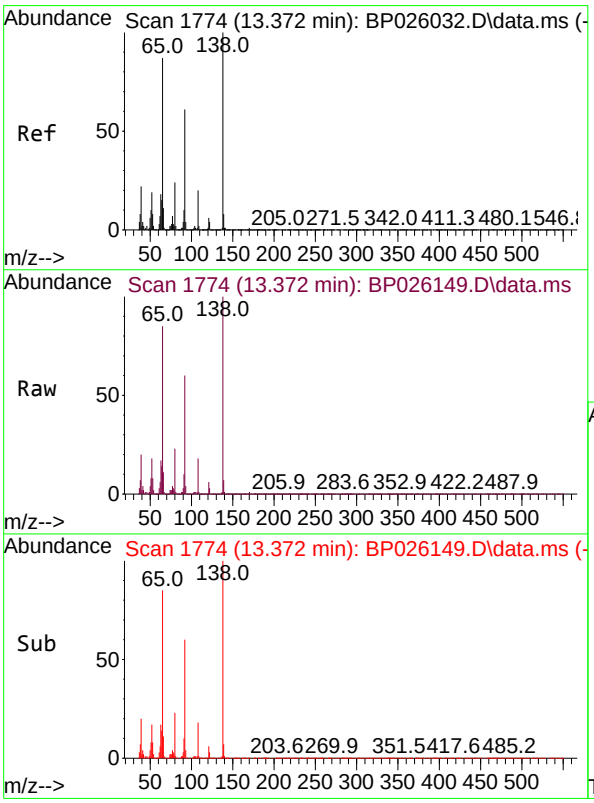
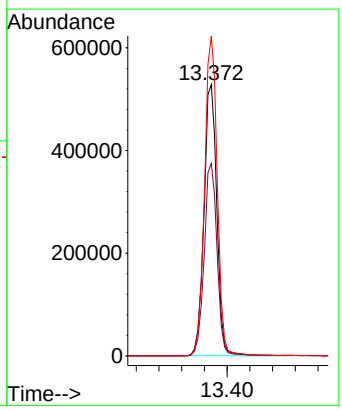
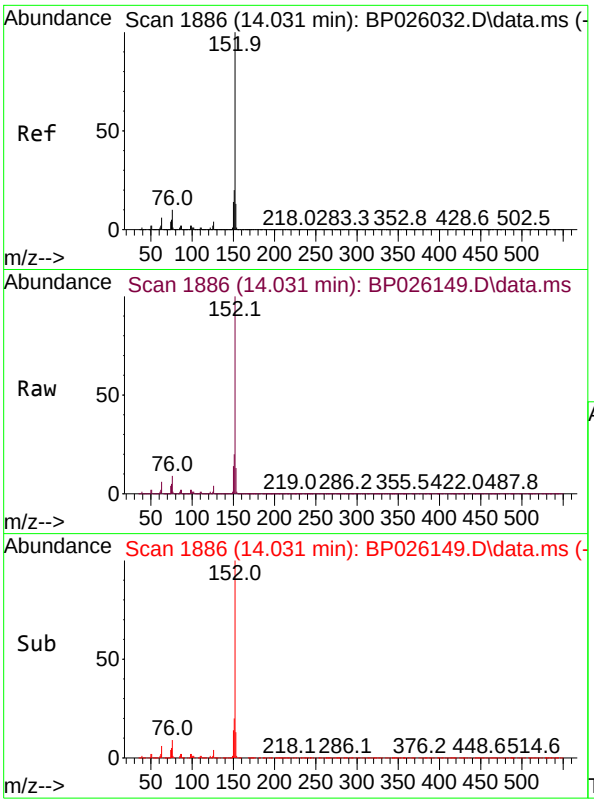



#48
2-Nitroaniline
Concen: 63.445 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 65 Resp: 833079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.9 | 59.1 | 88.7 |
| 138 | 117.9 | 96.6 | 145.0 |

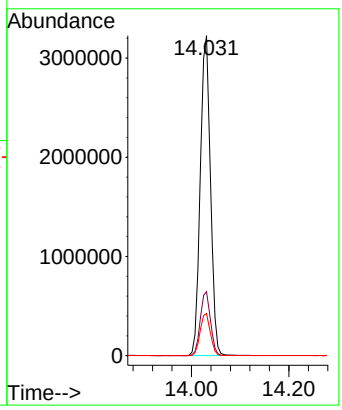





#49
Acenaphthylene
Concen: 59.935 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:152 Resp: 466262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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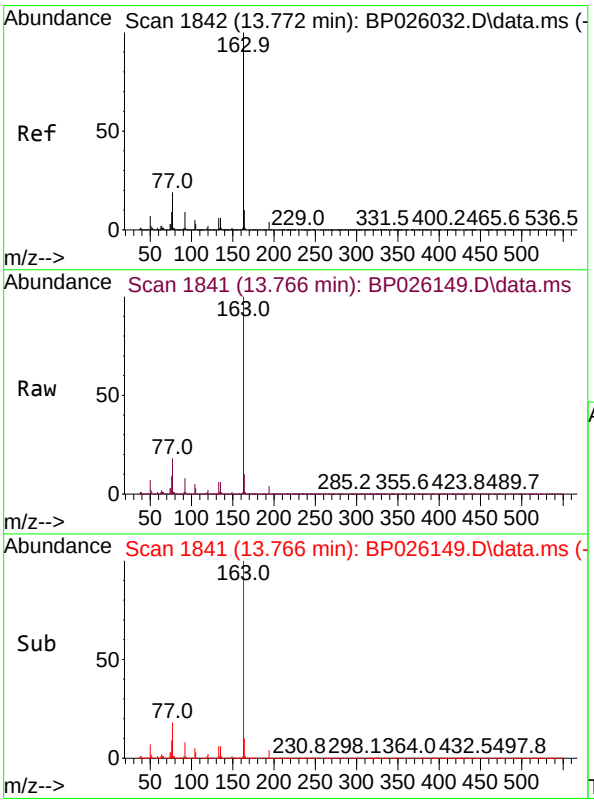
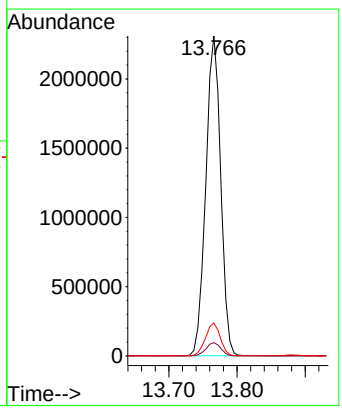
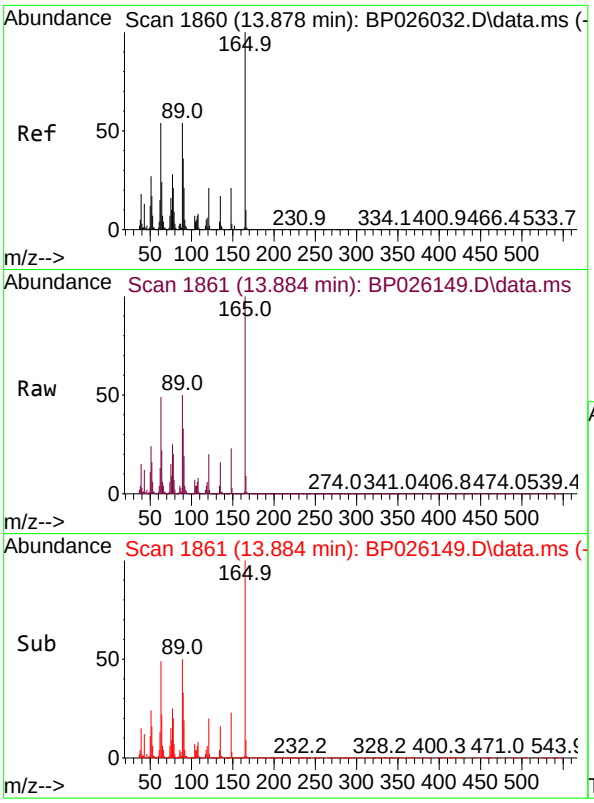



#50
Dimethylphthalate
Concen: 59.198 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:163 Resp: 3514882

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

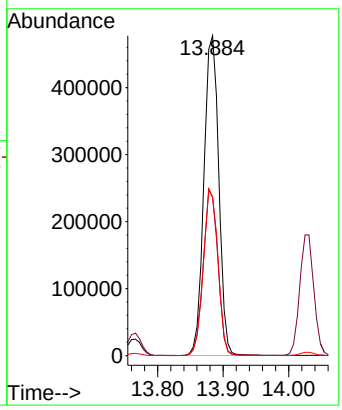





#51
2,6-Dinitrotoluene
Concen: 63.777 ng
RT: 13.884 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:165 Resp: 748865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.4 | 40.5 | 60.7 |
| 89 | 49.5 | 41.3 | 61.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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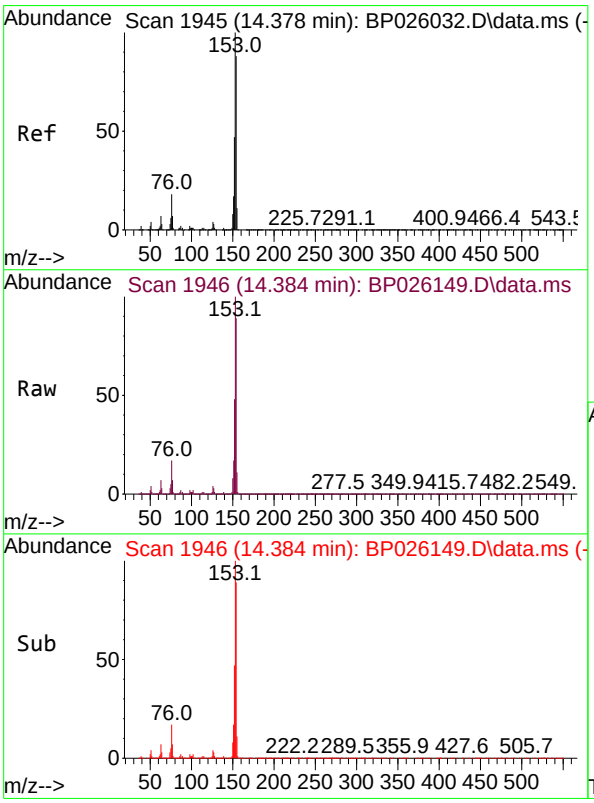
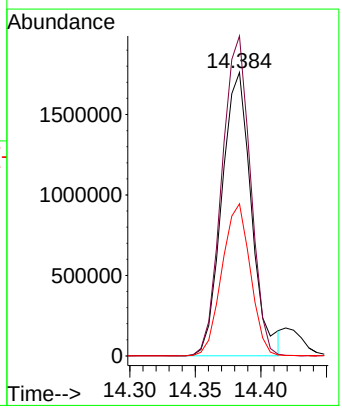
Supervised By :Sohil Jodhani 11/19/2025

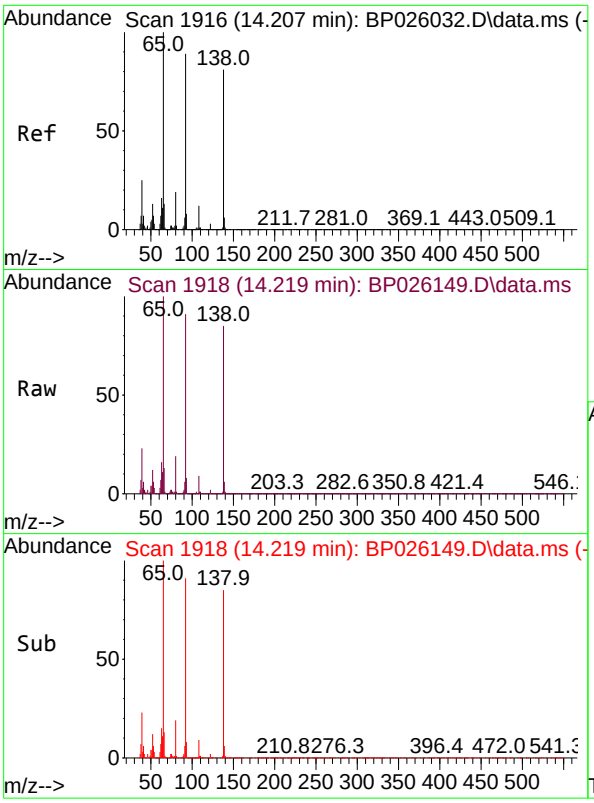



#52
Acenaphthene
Concen: 60.573 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:154 Resp: 2756036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.7 | 136.1 |
| 152 | 53.6 | 42.8 | 64.2 |

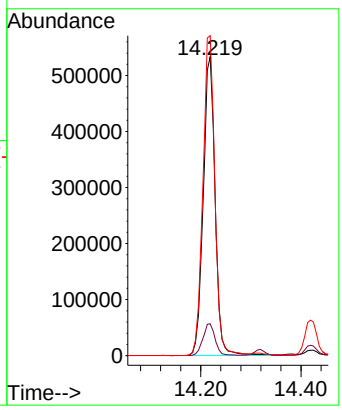





#53
3-Nitroaniline
Concen: 63.349 ng
RT: 14.219 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:138 Resp: 87873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.9 | 13.3 |
| 92 | 107.1 | 86.3 | 129.5 |




**Instrument :**
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SSTDICC060

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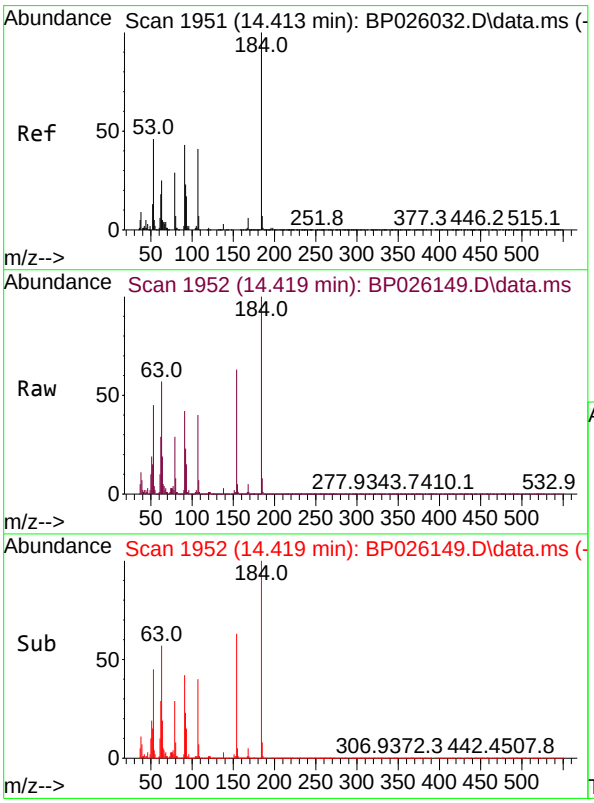
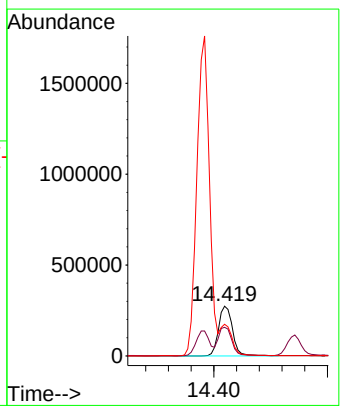
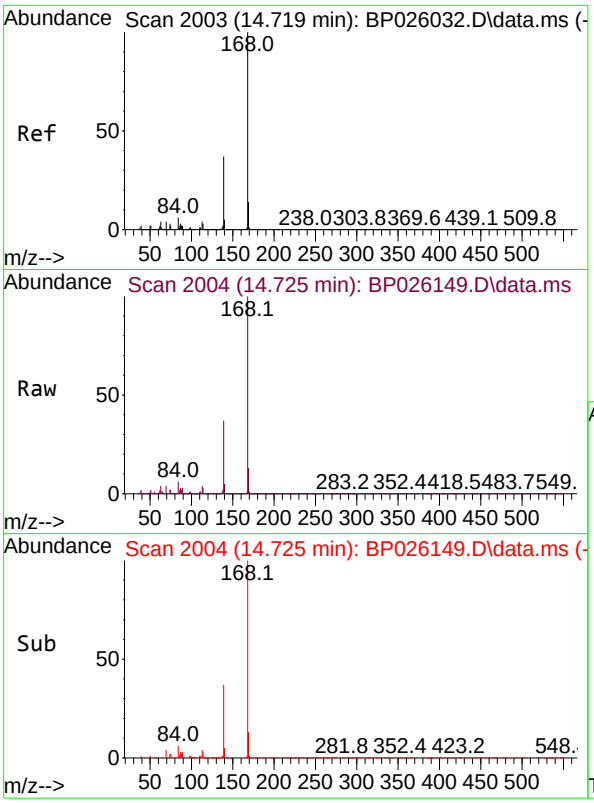



#54
2,4-Dinitrophenol
Concen: 65.711 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:184 Resp: 462858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.5 | 43.1 | 64.7 |
| 154 | 63.5 | 49.5 | 74.3 |

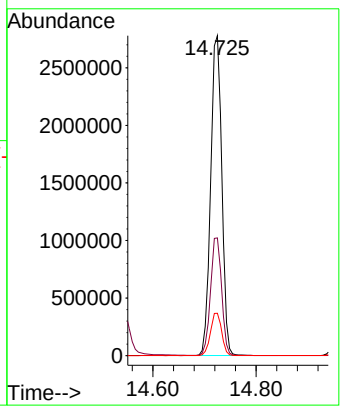





#55
Dibenzofuran
Concen: 58.432 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:168 Resp: 415459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.8 | 44.6 |
| 169 | 13.2 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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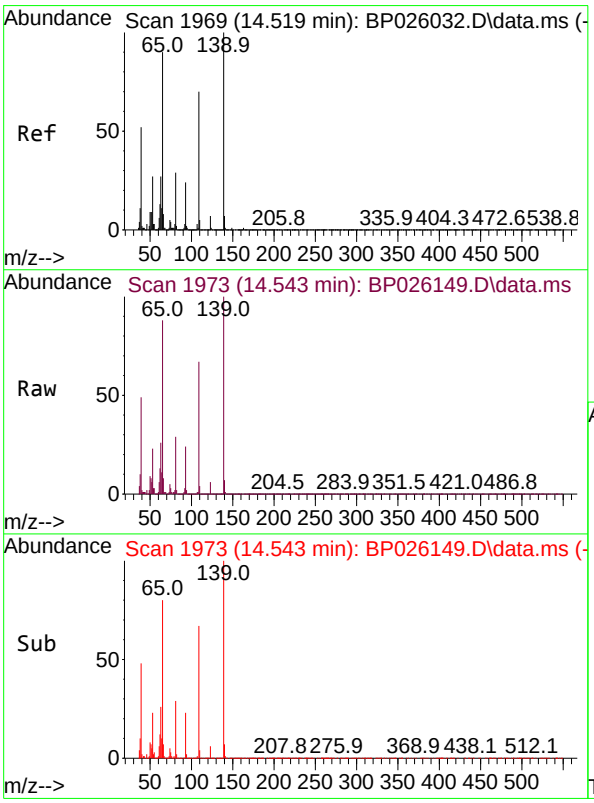
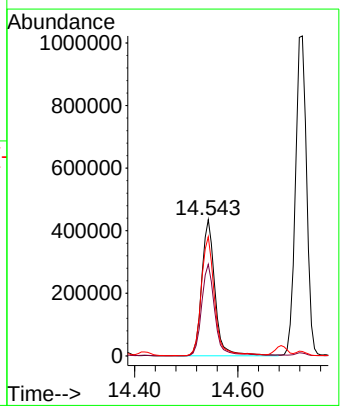
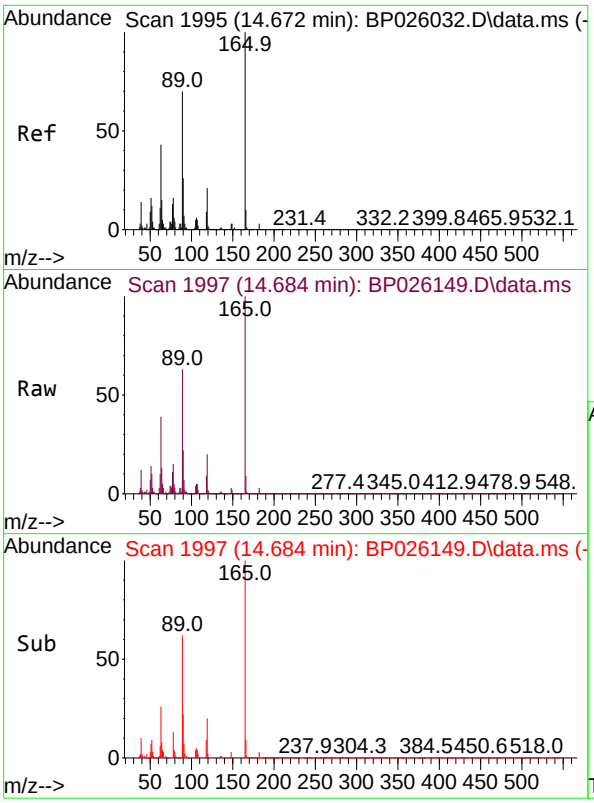



#56
4-Nitrophenol
Concen: 61.570 ng
RT: 14.543 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:139 Resp: 775308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.2 | 46.8 | 86.8 |
| 65 | 87.5 | 69.3 | 109.3 |

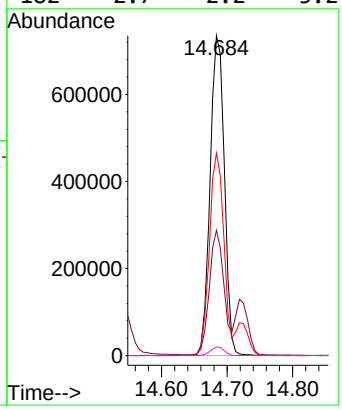





#57
2,4-Dinitrotoluene
Concen: 63.016 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:165 Resp: 111235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.2 | 31.0 | 46.6 |
| 89 | 63.3 | 51.7 | 77.5 |
| 182 | 2.7 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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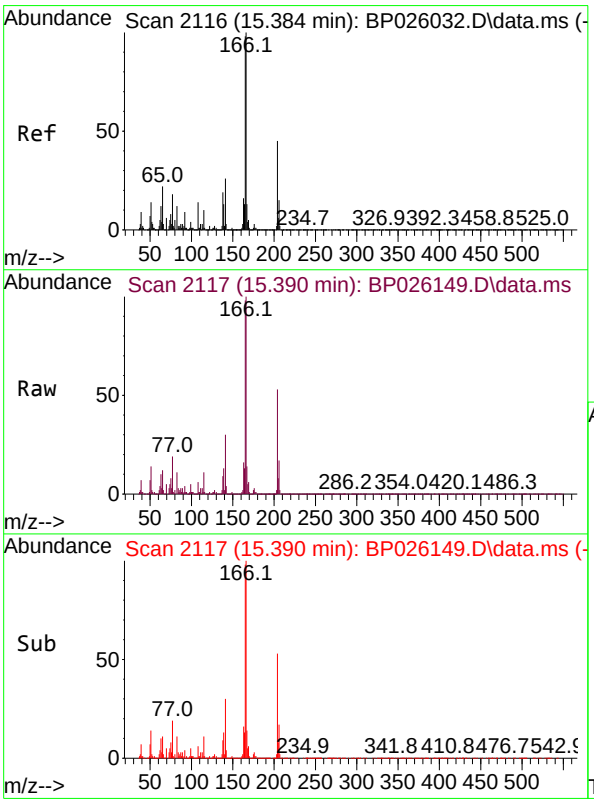
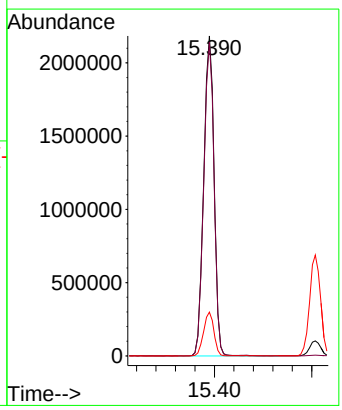
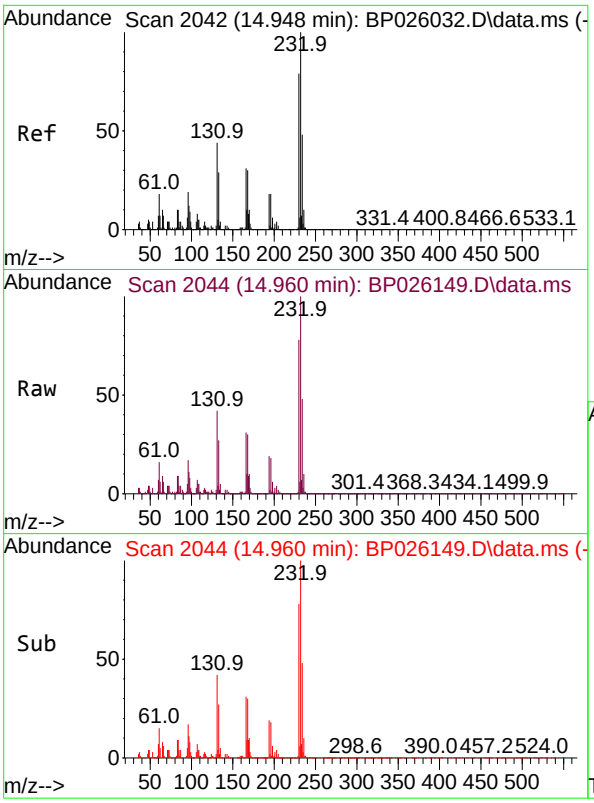



#58
Fluorene
Concen: 57.477 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:166 Resp: 3230615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.1 | 77.9 | 116.9 |
| 167 | 13.7 | 11.0 | 16.4 |

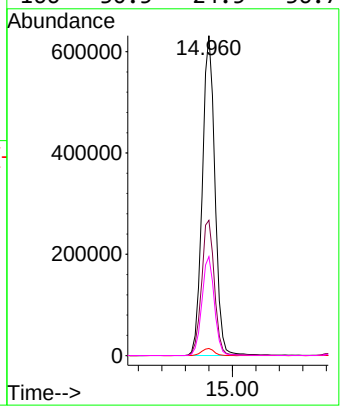





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.606 ng
RT: 14.960 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:232 Resp: 94583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.5 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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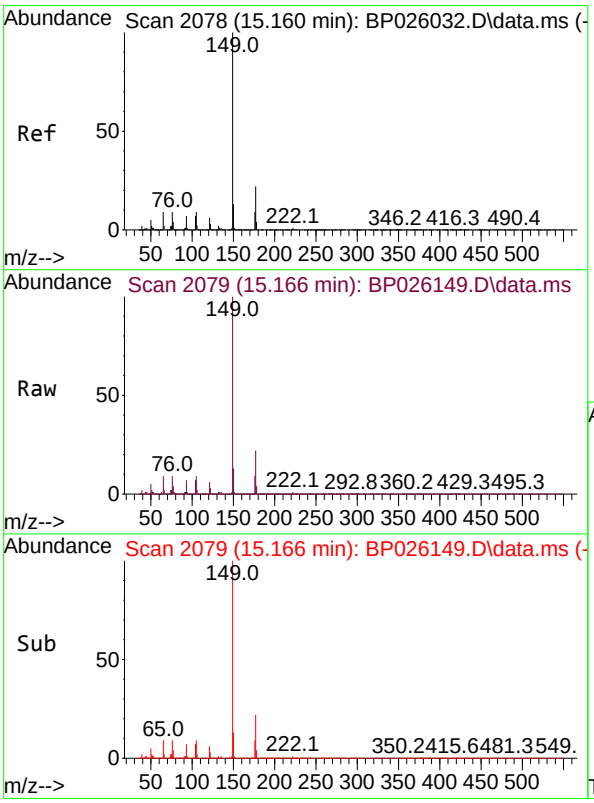
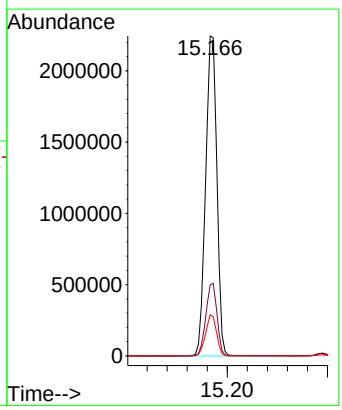
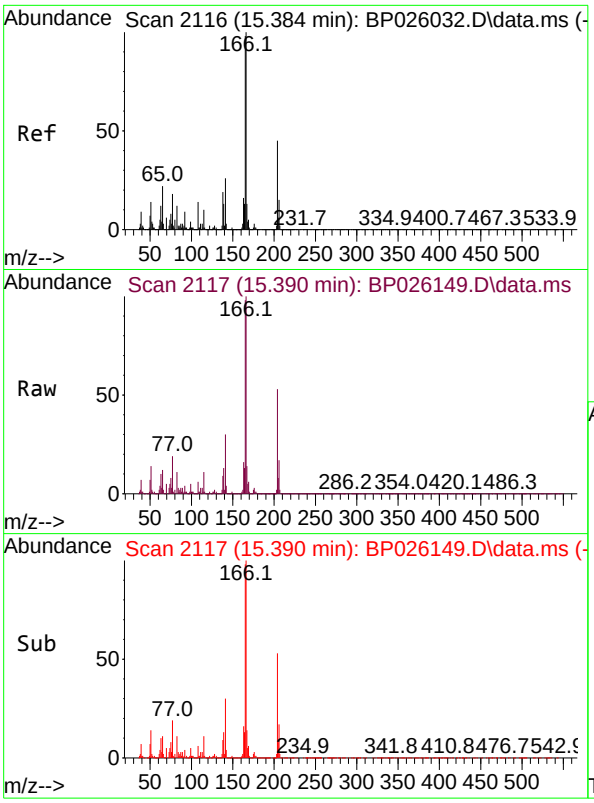



#60
Diethylphthalate
Concen: 58.065 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 3494483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.9 | 26.9 |
| 150 | 12.8 | 9.9 | 14.9 |

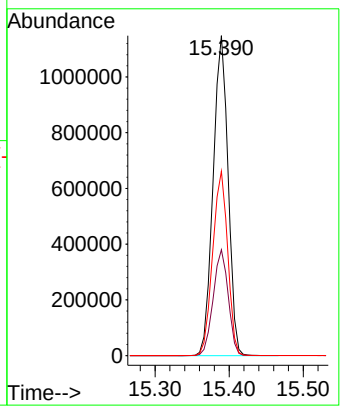





#61
4-Chlorophenyl-phenylether
Concen: 57.693 ng
RT: 15.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:204 Resp: 160963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.2 | 39.2 |
| 141 | 57.6 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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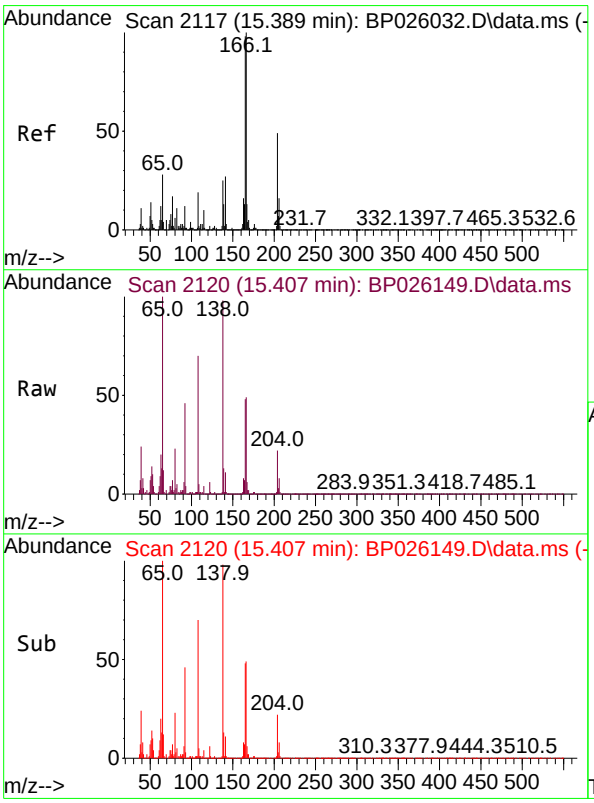
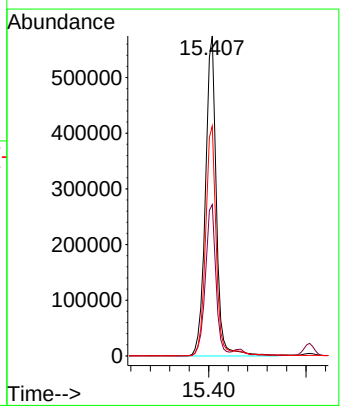
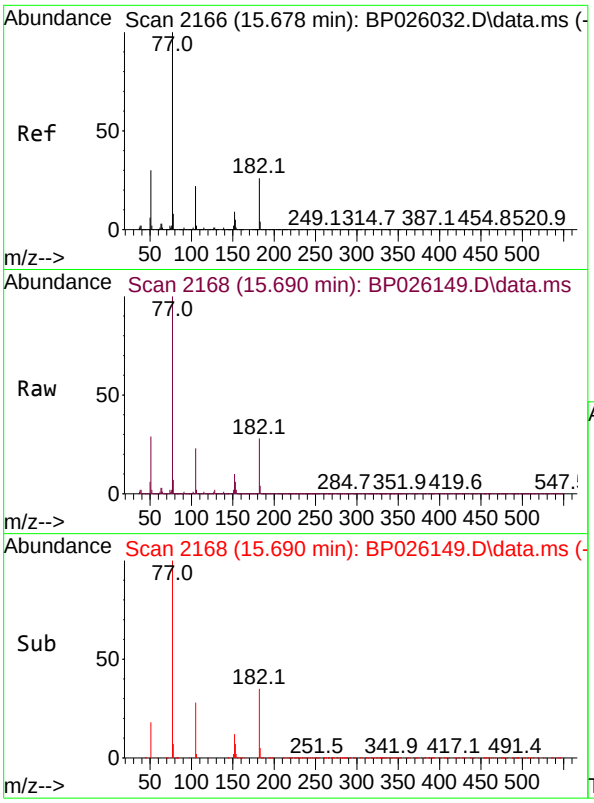



#62
4-Nitroaniline
Concen: 61.908 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:138 Resp: 898849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.3 | 27.5 | 67.5 |
| 108 | 71.8 | 51.1 | 91.1 |

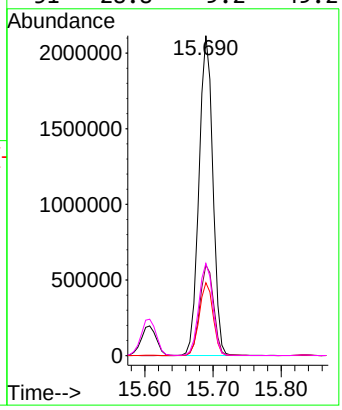





#63
Azobenzene
Concen: 59.189 ng
RT: 15.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 299272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.3 | 8.8 | 48.8 |
| 105 | 22.8 | 2.6 | 42.6 |
| 51 | 28.8 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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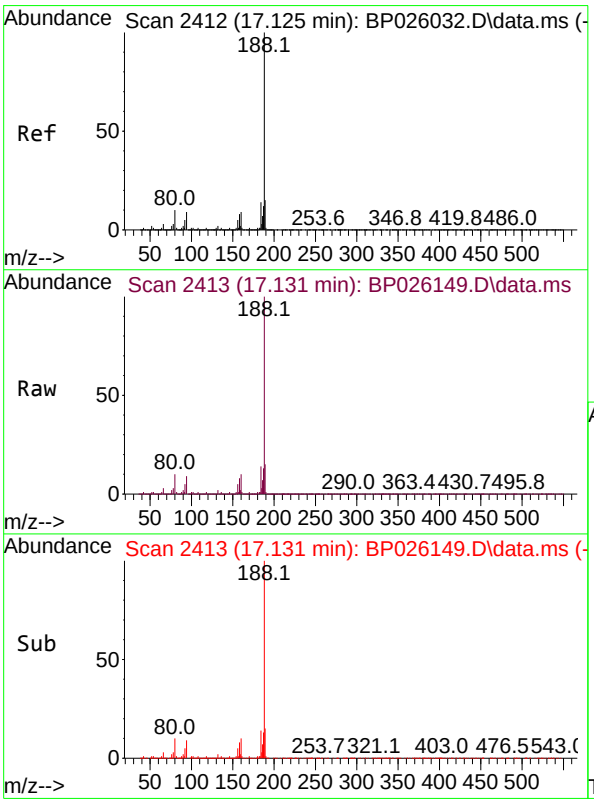
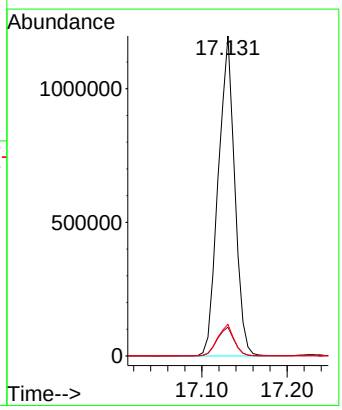
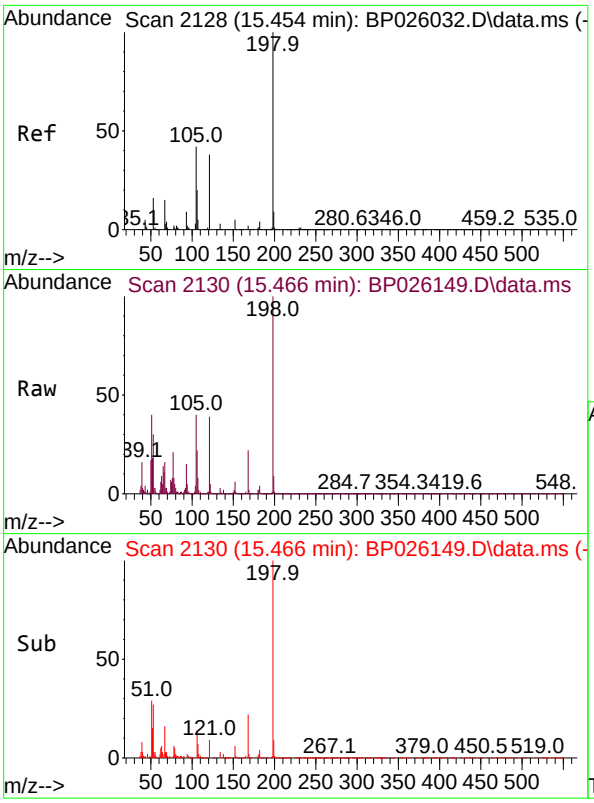



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:188 Resp: 1609780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 7.8 | 11.6 |
| 80 | 9.9 | 8.2 | 12.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 63.752 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:198 Resp: 64582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.0 | 18.4 | 58.4 |
| 105 | 40.3 | 18.5 | 58.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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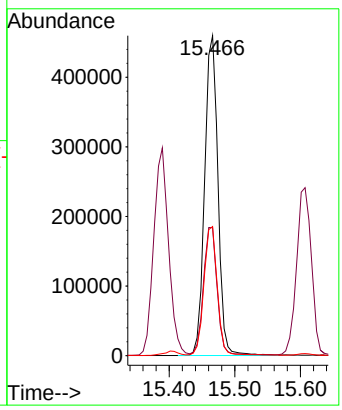
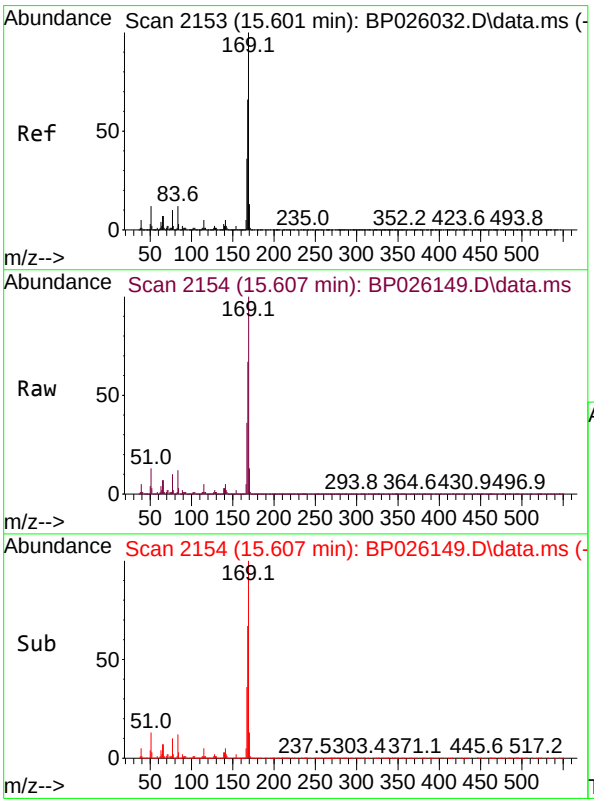
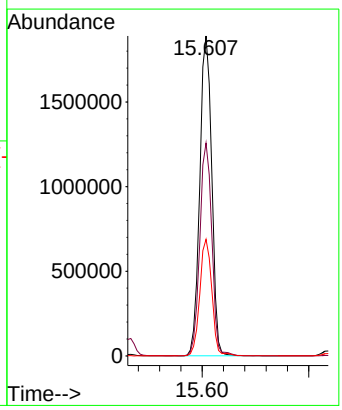


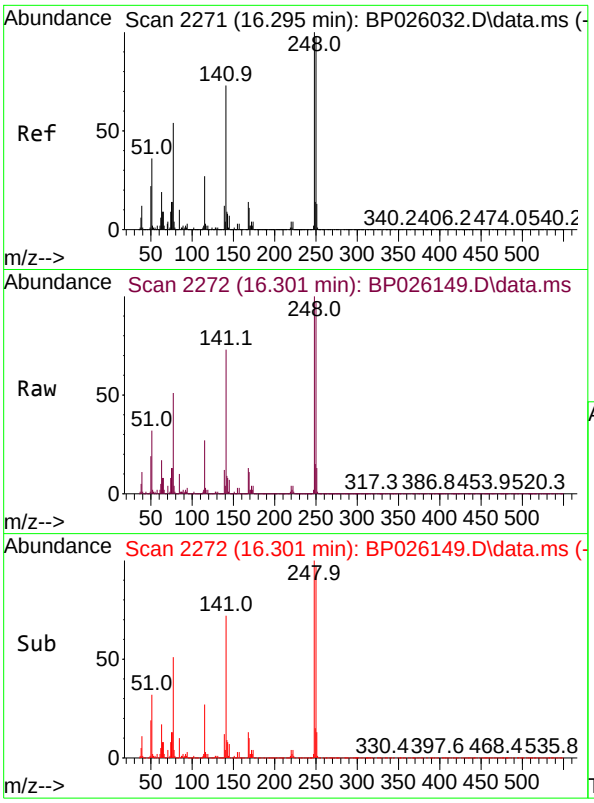




#66
n-Nitrosodiphenylamine
Concen: 59.025 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:169 Resp: 2939838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 36.4 | 28.9 | 43.3 |

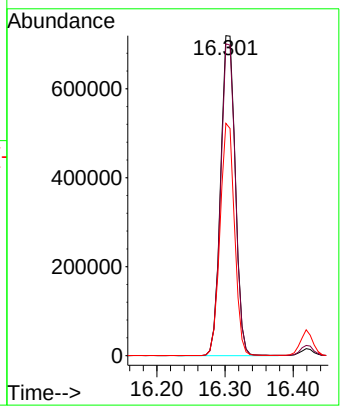





#67
4-Bromophenyl-phenylether
Concen: 59.865 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:248 Resp: 106499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.8 | 116.6 |
| 141 | 72.6 | 55.4 | 83.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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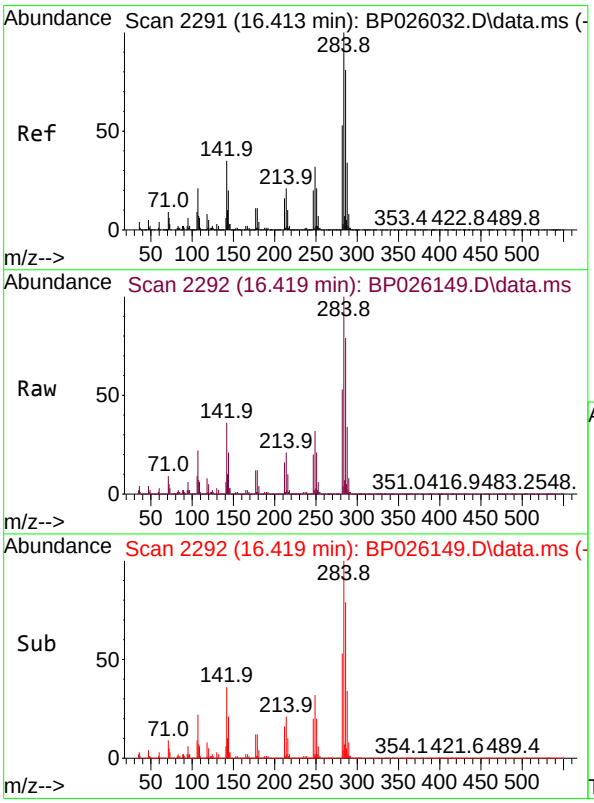
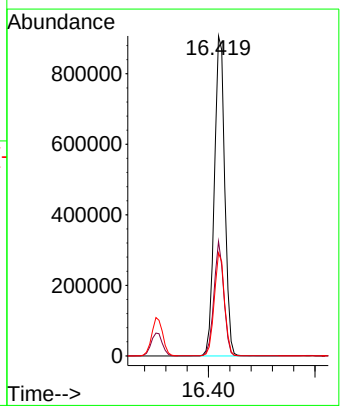
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

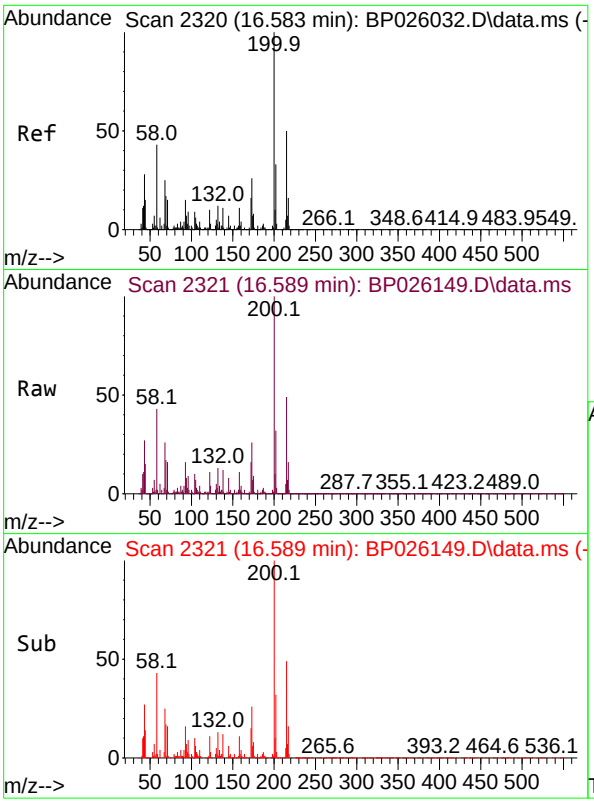



#68
Hexachlorobenzene
Concen: 59.631 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:284 Resp: 1225655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.8 | 28.0 | 42.0 |
| 249 | 32.2 | 25.0 | 37.4 |

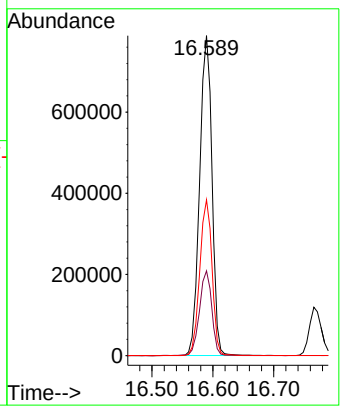





#69
Atrazine
Concen: 59.021 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:200 Resp: 110697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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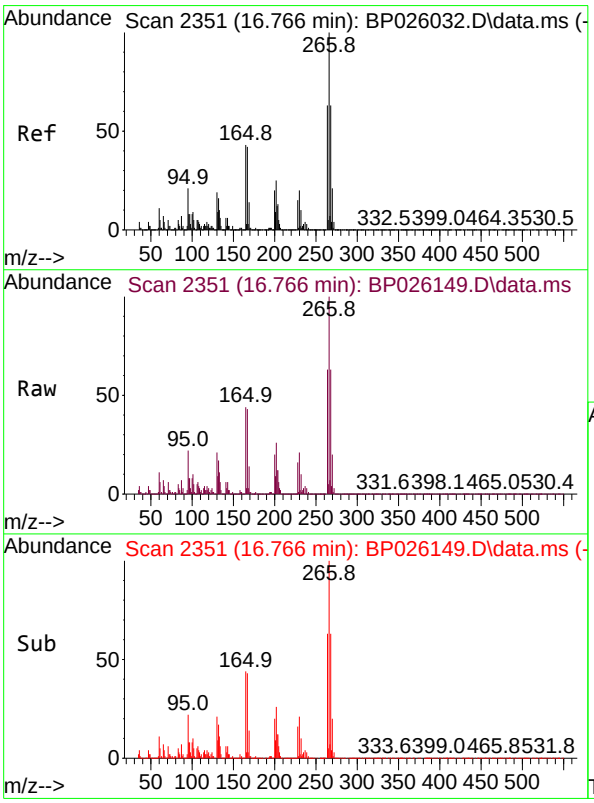
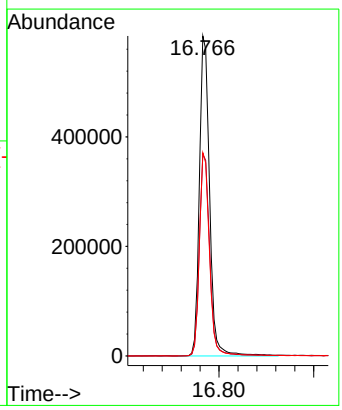
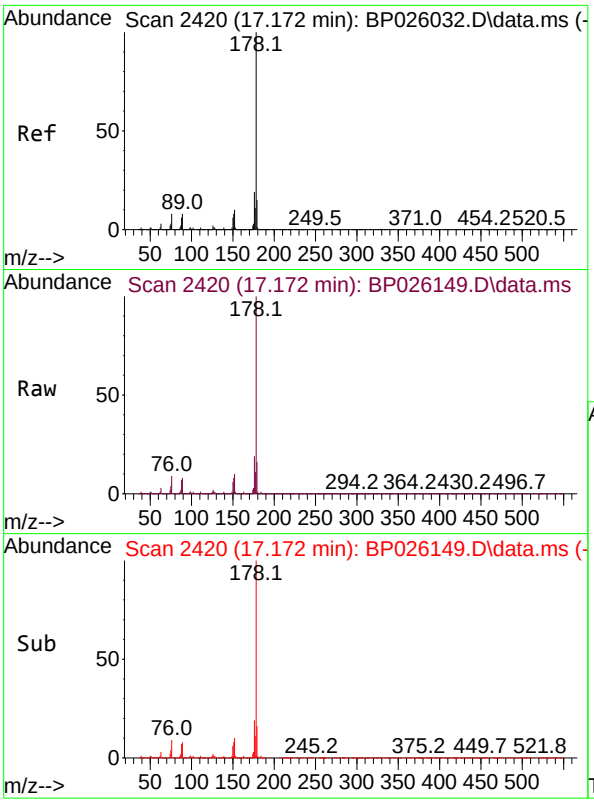



#70
Pentachlorophenol
Concen: 60.353 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:266 Resp: 870320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.0 | 76.4 |
| 264 | 63.5 | 50.2 | 75.2 |

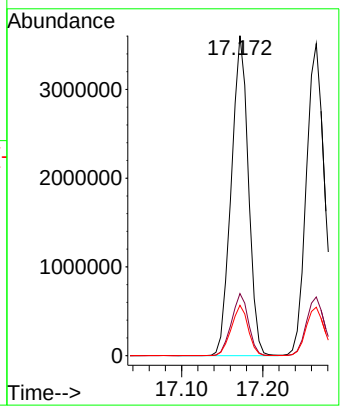





#71
Phenanthrene
Concen: 57.751 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:178 Resp: 525950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.4 | 23.2 |
| 179 | 15.7 | 12.4 | 18.6 |




**Instrument :**
BNA_P
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SSTDICC060

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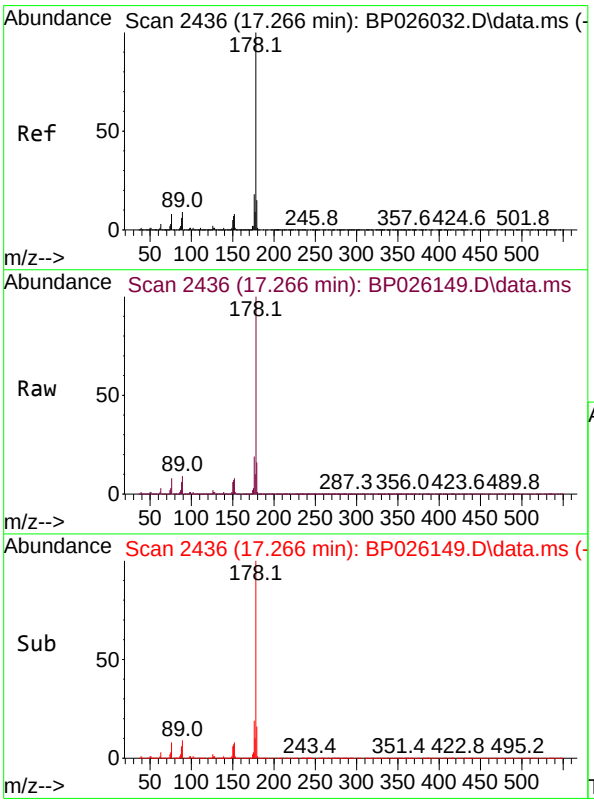
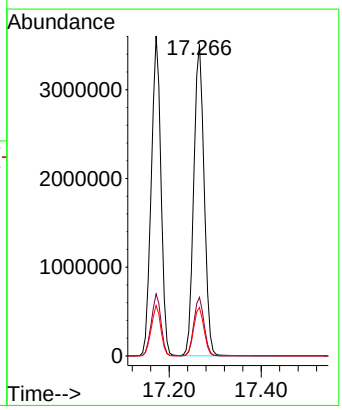
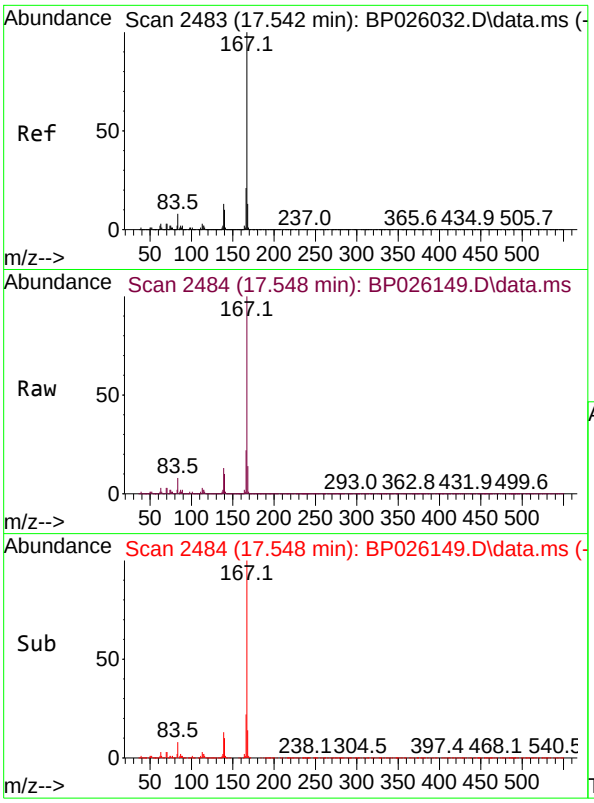



#72
Anthracene
Concen: 58.894 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:178 Resp: 5478029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.8 | 22.2 |
| 179 | 15.5 | 12.2 | 18.4 |

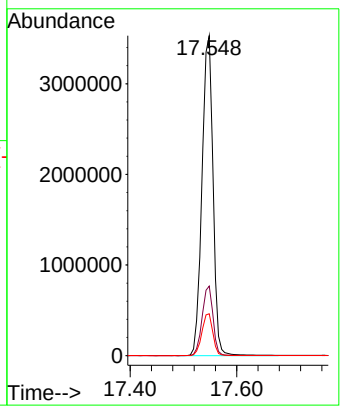





#73
Carbazole
Concen: 57.610 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:167 Resp: 506947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.1 | 25.7 |
| 139 | 13.1 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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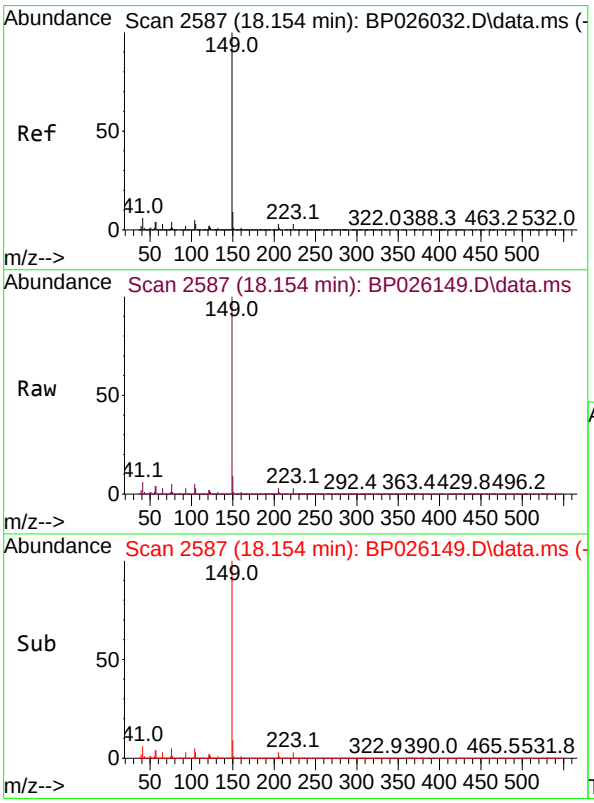
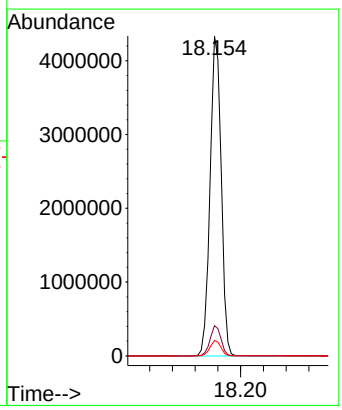
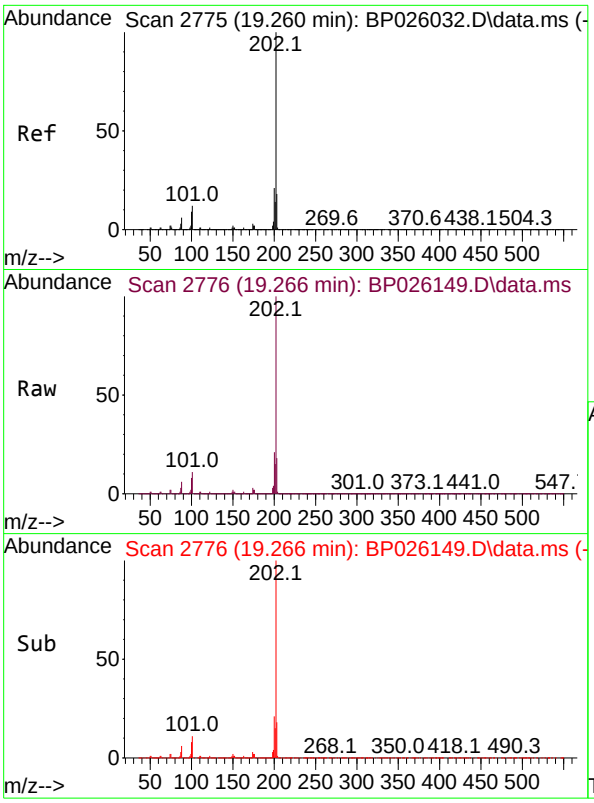



#74
Di-n-butylphthalate
Concen: 56.562 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 5907343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.5 | 11.3 |
| 104 | 4.8 | 3.6 | 5.4 |

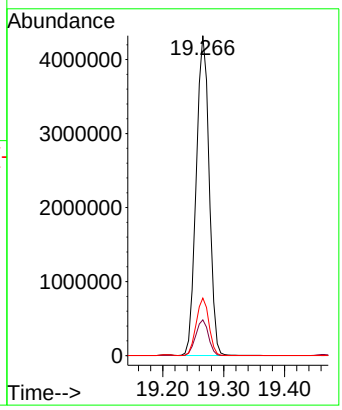





#75
Fluoranthene
Concen: 57.206 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:202 Resp: 636761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.2 |
| 203 | 18.0 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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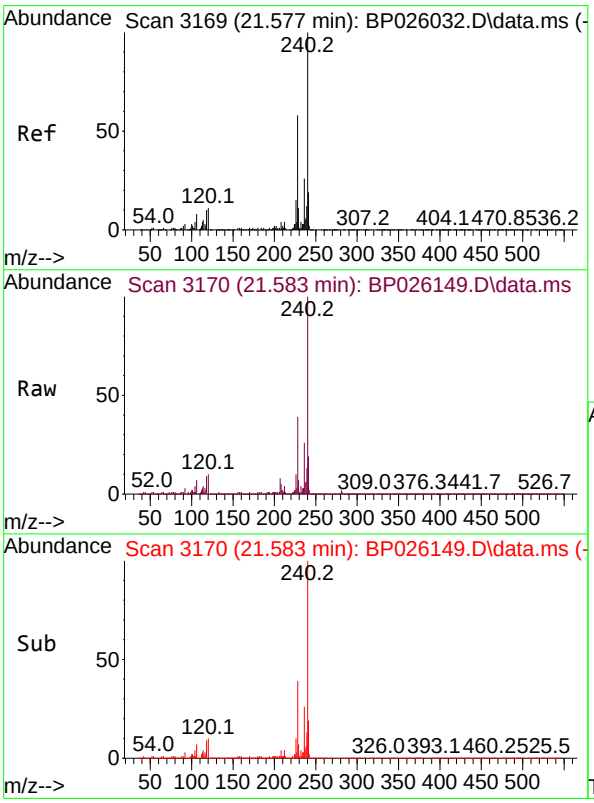
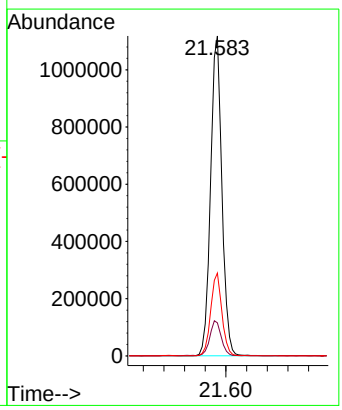
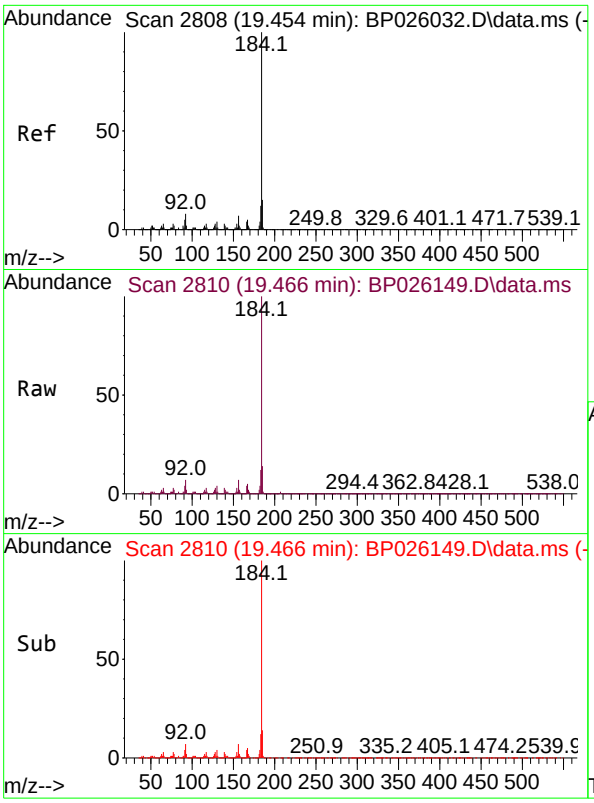



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:240 Resp: 1696557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 9.0 | 13.4 |
| 236 | 25.9 | 20.4 | 30.6 |

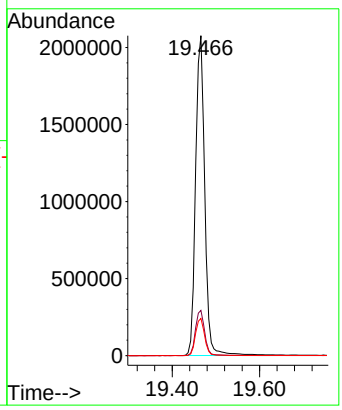





#77
Benzidine
Concen: 57.876 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:184 Resp: 3022349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.3 | 16.9 |
| 183 | 11.6 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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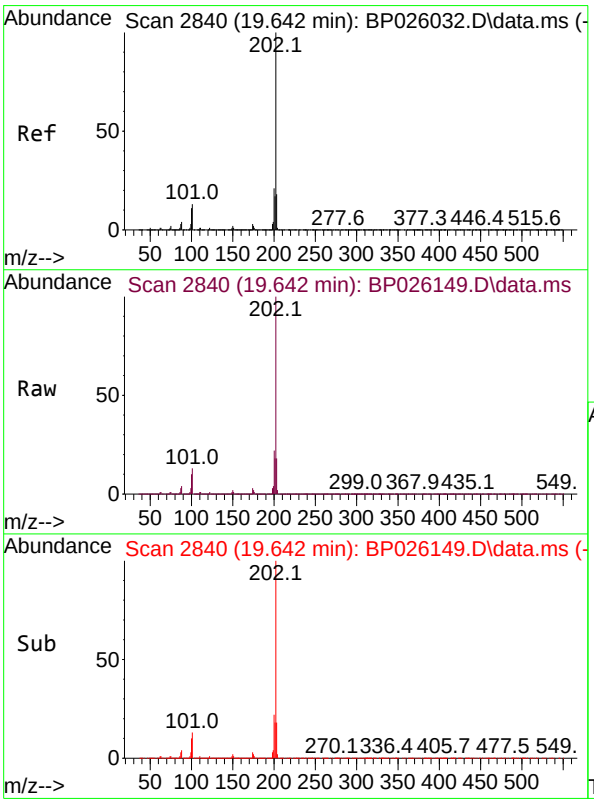
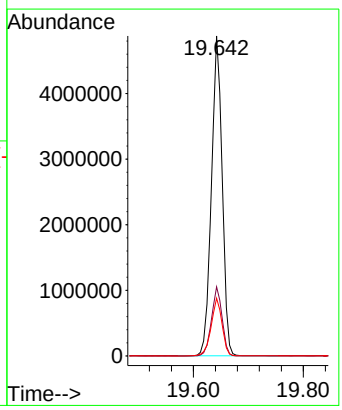
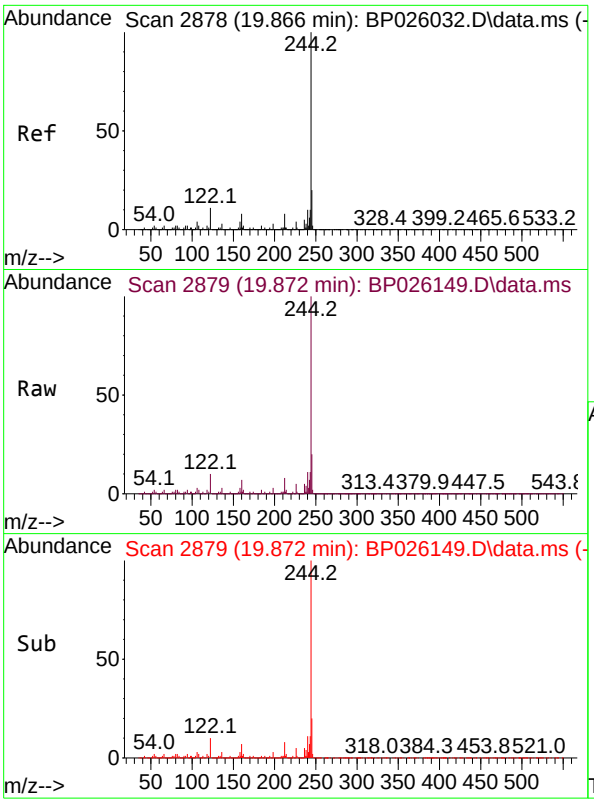



#78
Pyrene
Concen: 59.952 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:202 Resp: 6627085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 16.9 | 25.3 |
| 203 | 18.0 | 13.8 | 20.8 |

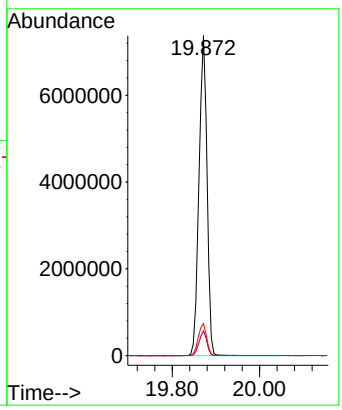





#79
Terphenyl-d14
Concen: 112.262 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:244 Resp: 933964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.8 | 8.8 |
| 122 | 10.0 | 8.2 | 12.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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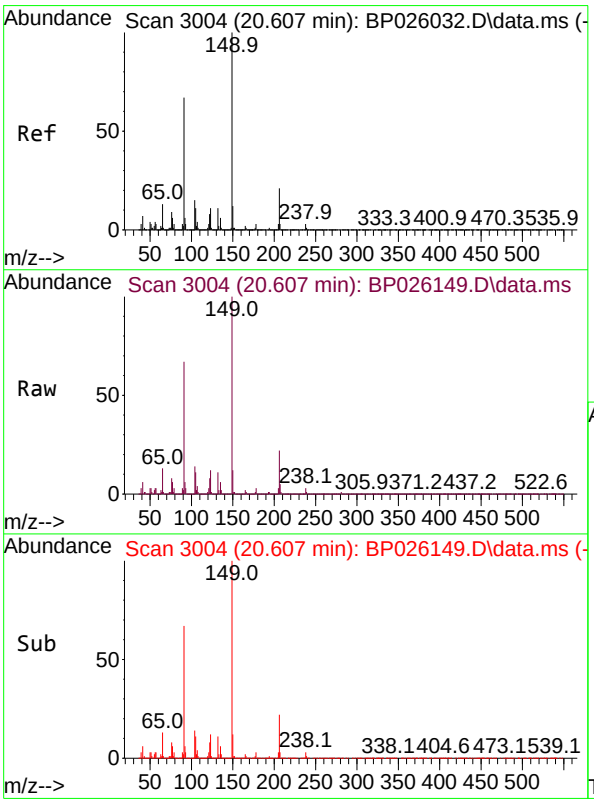
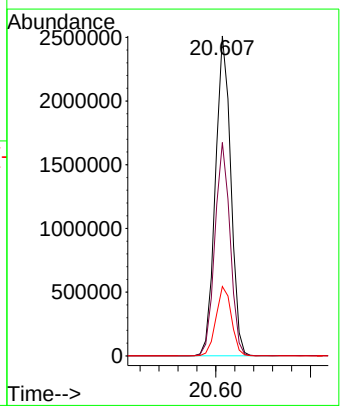
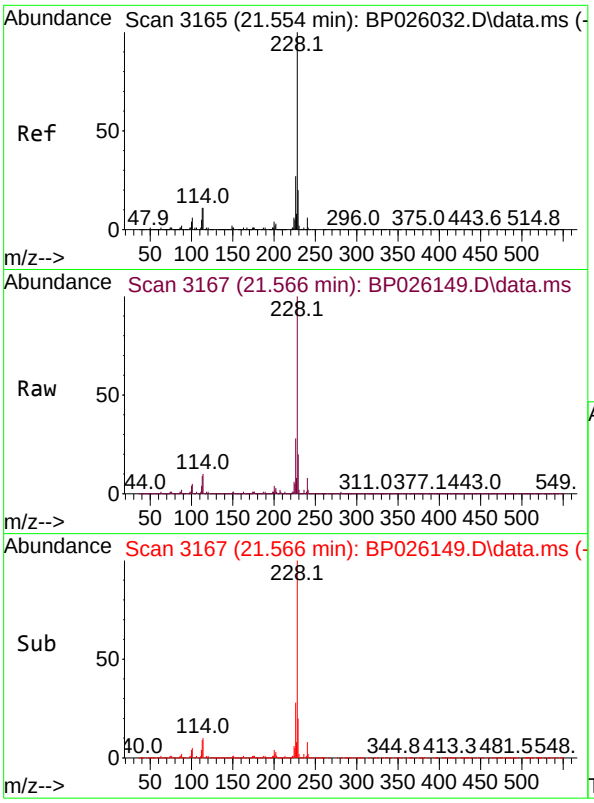



#80
Butylbenzylphthalate
Concen: 57.369 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 2824354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.7 | 52.6 | 79.0 |
| 206 | 21.7 | 16.9 | 25.3 |

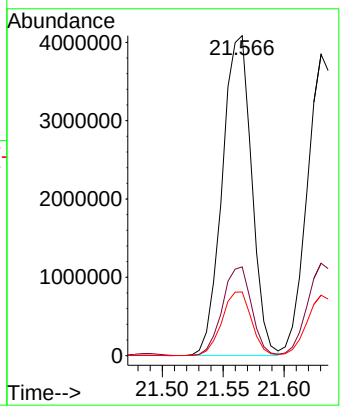





#81
Benzo(a)anthracene
Concen: 59.071 ng
RT: 21.566 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:228 Resp: 687307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 21.8 | 32.8 |
| 229 | 19.9 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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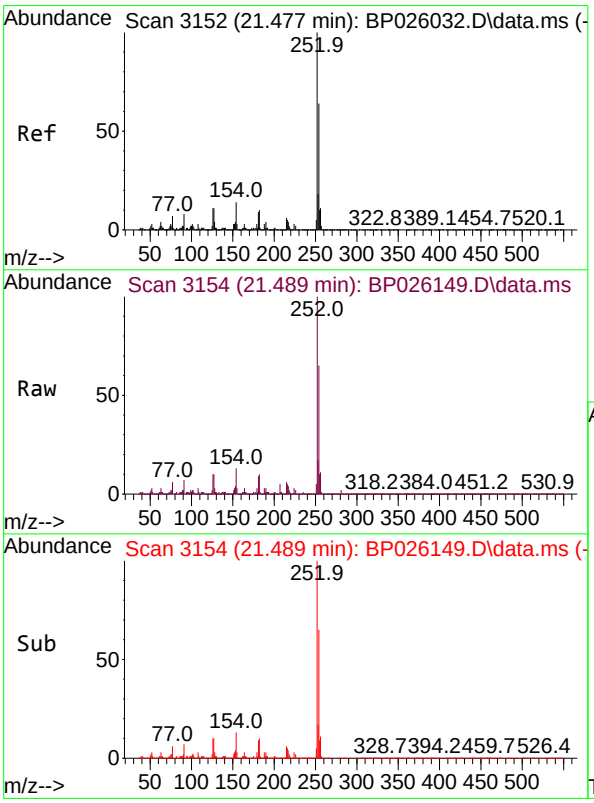
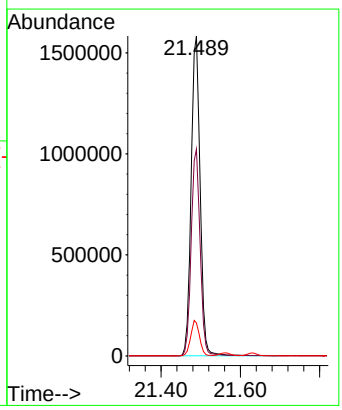
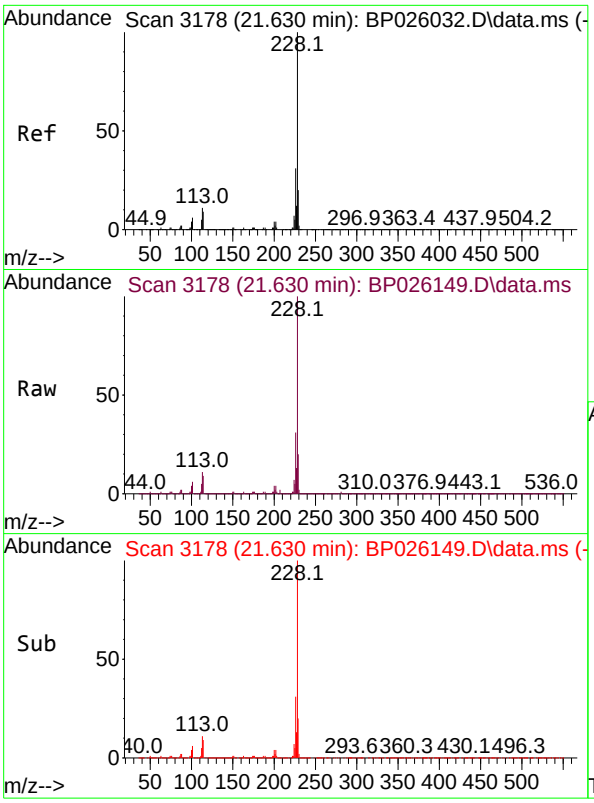



#82
3,3'-Dichlorobenzidine
Concen: 59.050 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 2496806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.2 | 76.8 |
| 126 | 10.3 | 8.2 | 12.4 |

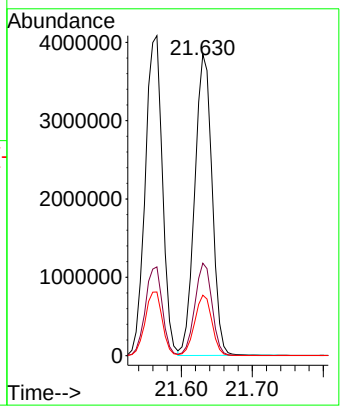





#83
Chrysene
Concen: 59.444 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:228 Resp: 651165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.9 | 35.9 |
| 229 | 20.1 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

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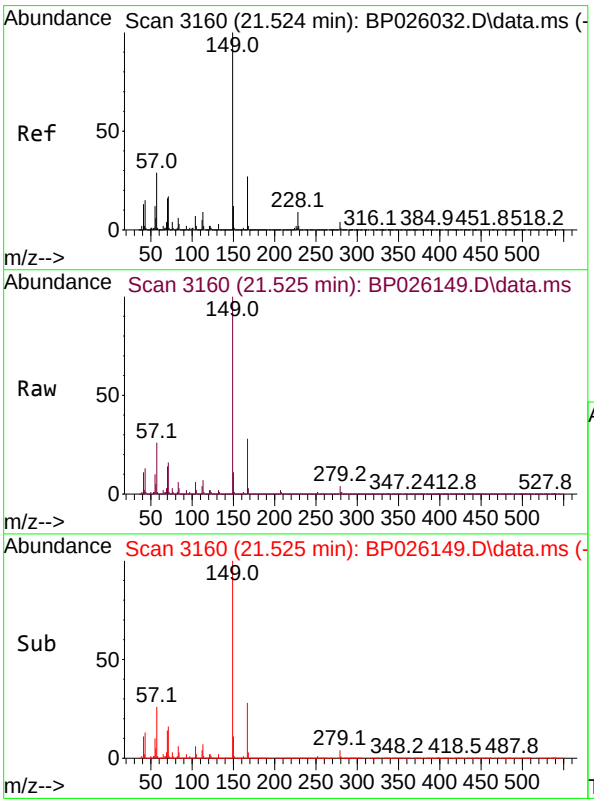
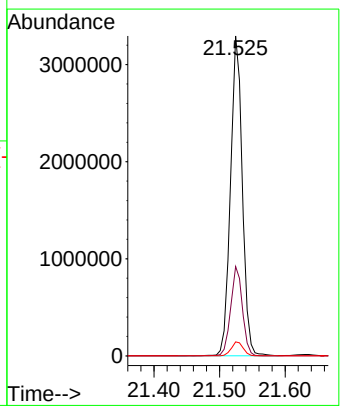
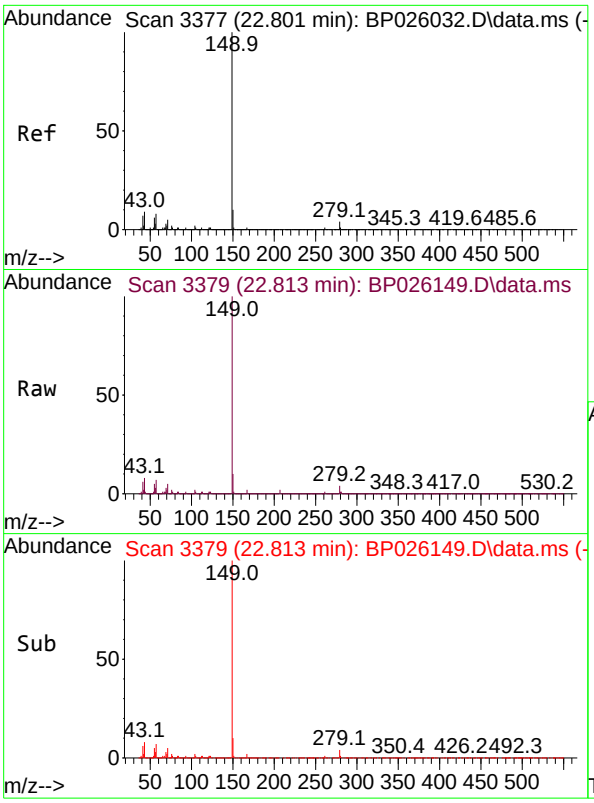



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.063 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 4143037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.1 | 33.1 |
| 279 | 4.4 | 3.3 | 4.9 |

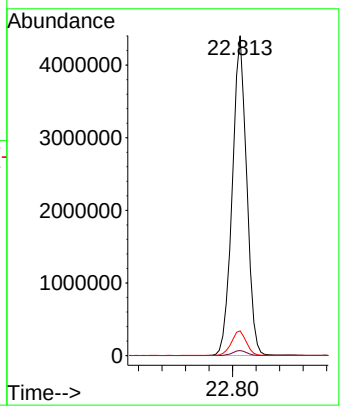





#85
Di-n-octyl phthalate
Concen: 57.415 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 746682

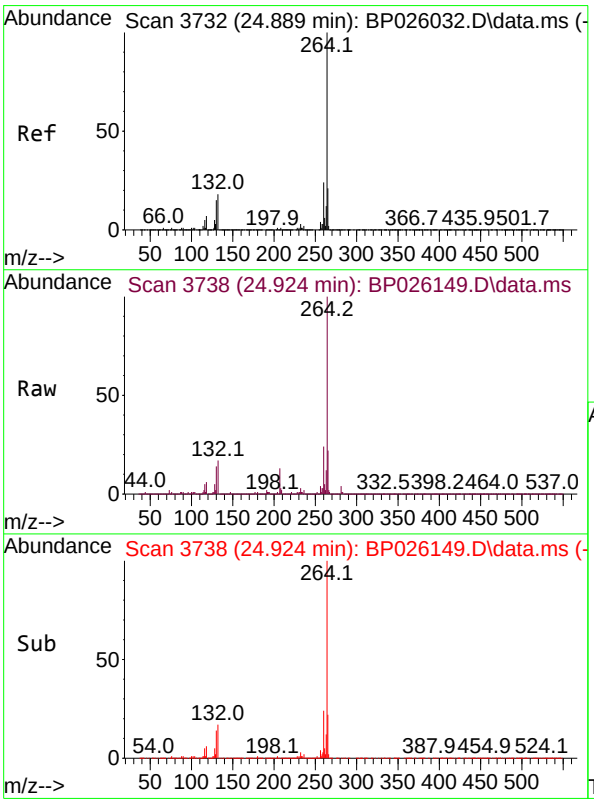
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.9 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

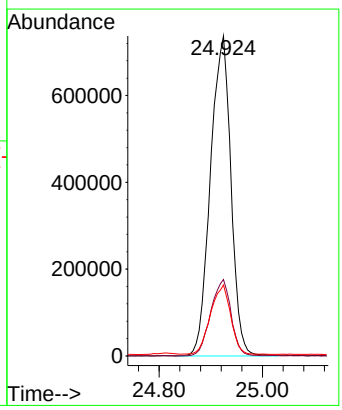
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

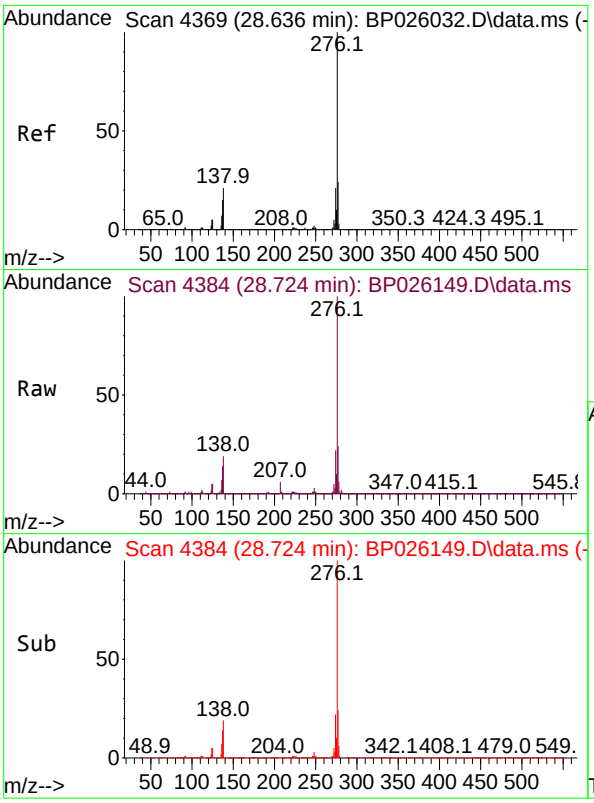



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:264 Resp: 2032089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 18.7 | 28.1 |
| 265 | 22.2 | 17.5 | 26.3 |

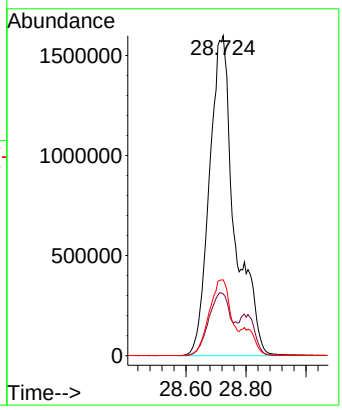





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.647 ng m
RT: 28.724 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:276 Resp: 933248

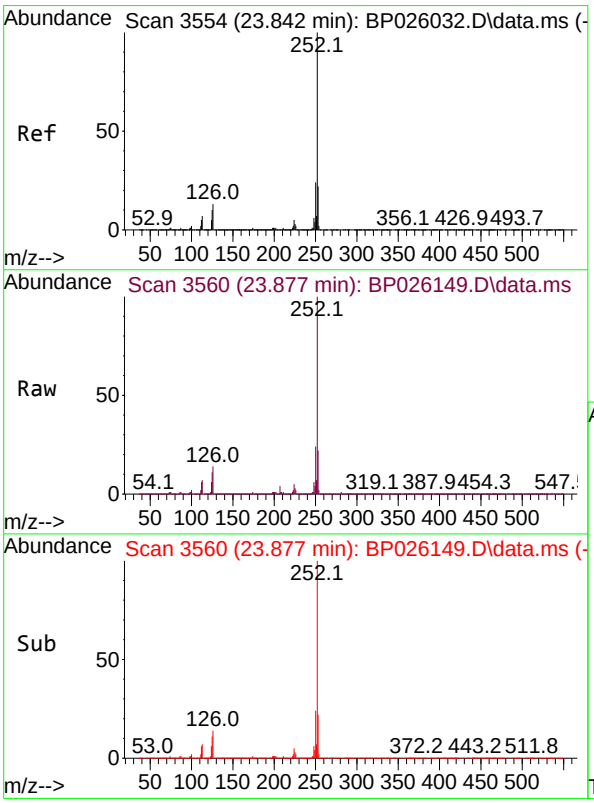
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.8 | 13.8 | 20.8 |
| 277 | 20.5 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

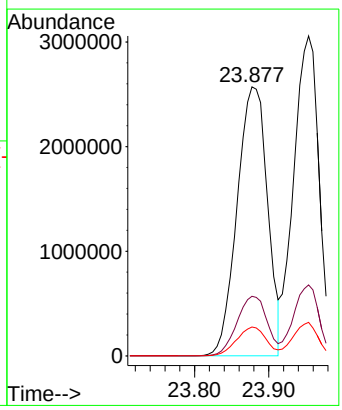
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

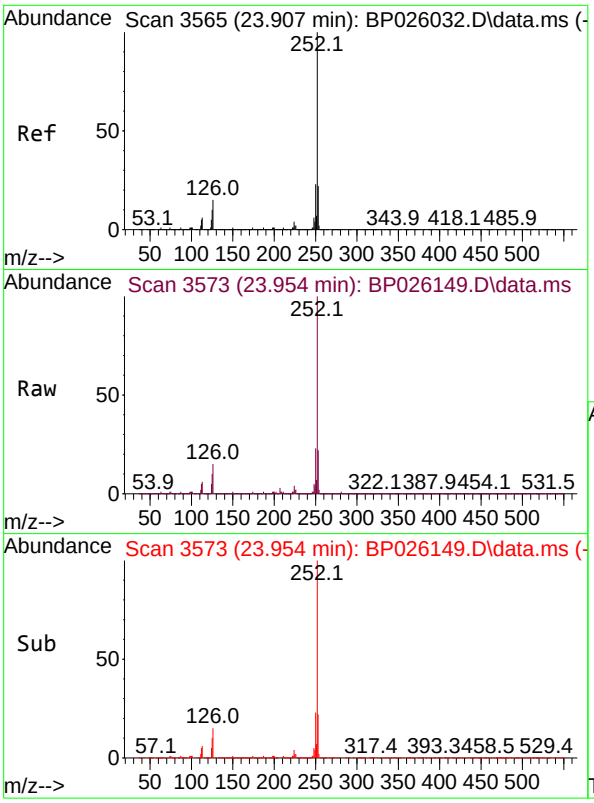



#88
Benzo(b)fluoranthene
Concen: 59.218 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 7316006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.7 | 8.2 | 12.4 |

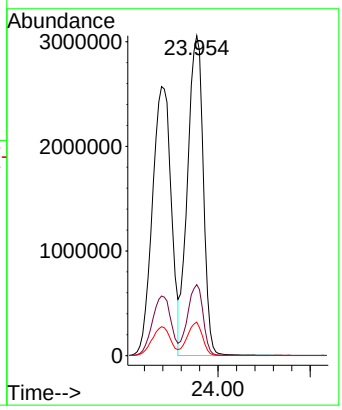





#89
Benzo(k)fluoranthene
Concen: 58.835 ng
RT: 23.954 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 726455

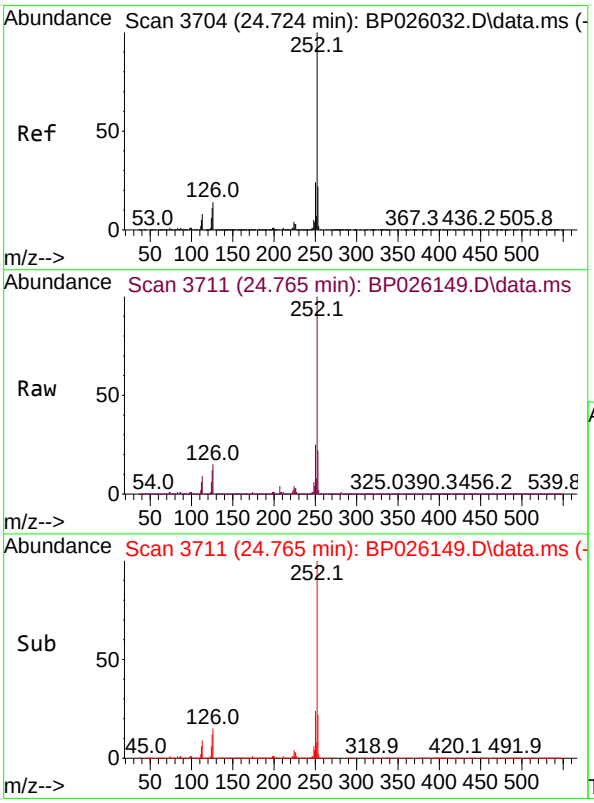
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 10.5 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

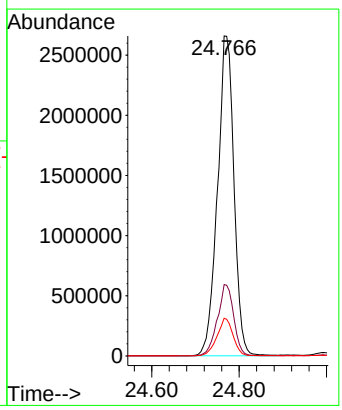
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

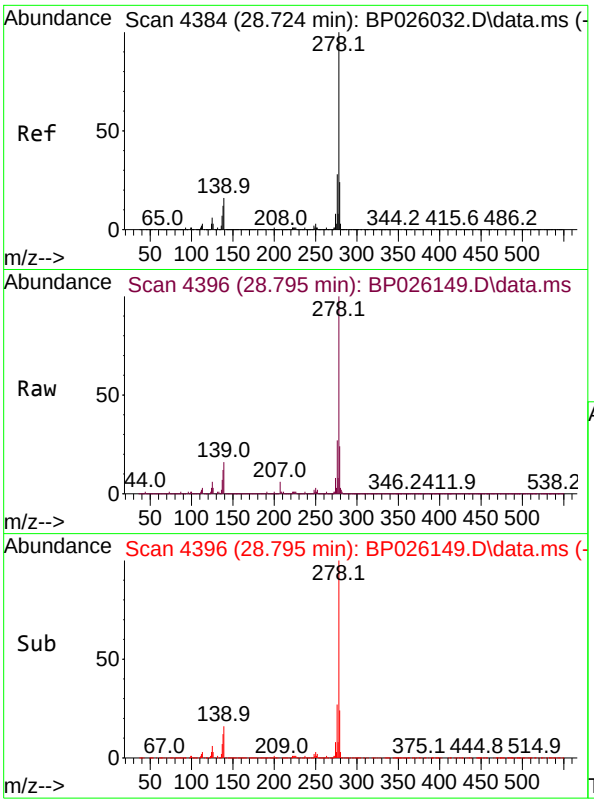



#90
Benzo(a)pyrene
Concen: 59.626 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 6987741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 11.8 | 9.0 | 13.6 |

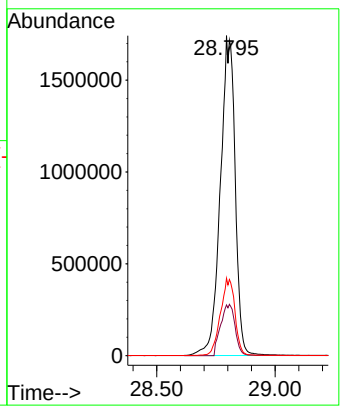





#91
Dibenzo(a,h)anthracene
Concen: 61.180 ng
RT: 28.795 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:278 Resp: 759069

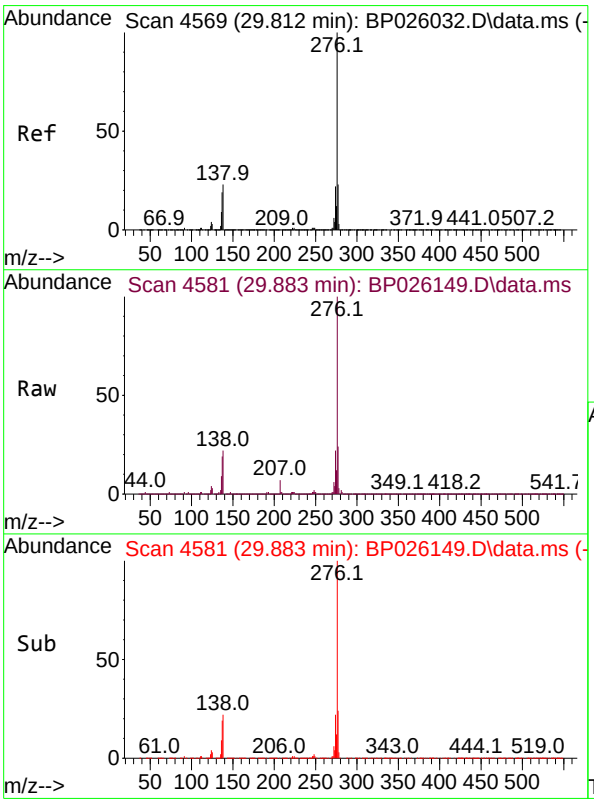
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.8 | 13.2 | 19.8 |
| 279 | 24.2 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

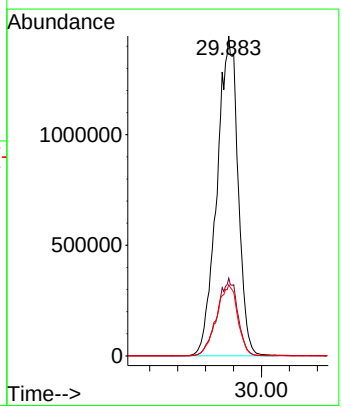
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 61.561 ng
RT: 29.883 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:276 Resp: 7581255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 18.8 | 28.2 |
| 138 | 22.2 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 345750 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.437 | 136 | 1443668 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 916253 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1816815 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1872355 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.907 | 264 | 2234365 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 3442714 | 159.776 | ng | | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 4415130 | 160.812 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.819 | 82 | 4033252 | 158.440 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.836 | 330 | 1917042 | 161.460 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 9156268 | 145.791 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.866 | 244 | 12964447 | 141.200 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 682656 | 77.877 | ng | | 99 |
| 3) Pyridine | 3.619 | 79 | 2016163 | 79.785 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 746299 | 79.241 | ng | | 97 |
| 6) Aniline | 7.008 | 93 | 2927759 | 80.951 | ng | | 99 |
| 8) 2-Chlorophenol | 7.249 | 128 | 2009119 | 81.986 | ng | | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 930739 | 78.716 | ng | | 99 |
| 10) Phenol | 6.884 | 94 | 2391614 | 80.950 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.108 | 93 | 1867638 | 81.013 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.566 | 146 | 2099884 | 79.578 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 2115552 | 79.609 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 2024908 | 79.210 | ng | | 99 |
| 15) Benzyl Alcohol | 7.907 | 79 | 1621861 | 80.734 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 2616851 | 80.284 | ng | | 99 |
| 17) 2-Methylphenol | 8.113 | 107 | 1634861 | 81.249 | ng | | 100 |
| 18) Hexachloroethane | 8.737 | 117 | 803419 | 82.952 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.478 | 70 | 1364163 | 79.788 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 2230760 | 79.724 | ng | | 99 |
| 22) Acetophenone | 8.484 | 105 | 2844696 | 77.453 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 2043562 | 79.321 | ng | | 99 |
| 25) Isophorone | 9.384 | 82 | 4022278 | 79.581 | ng | | 99 |
| 26) 2-Nitrophenol | 9.560 | 139 | 1116252 | 85.938 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 1863595 | 79.196 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 2515997 | 79.503 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 1895607 | 80.853 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 1895013 | 79.315 | ng | | 99 |
| 31) Naphthalene | 10.490 | 128 | 6074938 | 77.497 | ng | | 99 |
| 32) Benzoic acid | 9.813 | 122 | 1646676 | 86.975 | ng | | 99 |
| 33) 4-Chloroaniline | 10.596 | 127 | 2640734 | 79.361 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 1266129 | 81.448 | ng | | 99 |
| 35) Caprolactam | 11.401 | 113 | 653660 | 77.424 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1972354 | 79.070 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 4297114 | 77.446 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 4151377 | 76.467 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 2208451 | 79.984 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.466 | 237 | 1597193 | 88.626 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 1541092 | 81.106 | ng | | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.795 | 196 | 1713807 | 80.887 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.137 | 154 | 5350939 | 77.807 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.178 | 162 | 4259277 | 78.776 | ng | 100 |
| 48) 2-Nitroaniline | 13.372 | 65 | 1240952 | 82.186 | ng | 99 |
| 49) Acenaphthylene | 14.031 | 152 | 6984601 | 78.077 | ng | 99 |
| 50) Dimethylphthalate | 13.772 | 163 | 5358389 | 78.482 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.890 | 165 | 1168229 | 86.521 | ng | 98 |
| 52) Acenaphthene | 14.384 | 154 | 3961645 | 75.720 | ng | 99 |
| 53) 3-Nitroaniline | 14.225 | 138 | 1328194 | 83.269 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 762088 | 94.087 | ng | 96 |
| 55) Dibenzofuran | 14.725 | 168 | 6063394 | 74.160 | ng | 99 |
| 56) 4-Nitrophenol | 14.542 | 139 | 1160755 | 80.163 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 1681172 | 82.824 | ng | 99 |
| 58) Fluorene | 15.389 | 166 | 4642250 | 71.825 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.960 | 232 | 1442428 | 80.377 | ng | 99 |
| 60) Diethylphthalate | 15.172 | 149 | 5369309 | 77.587 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.389 | 204 | 2373384 | 73.978 | ng | 97 |
| 62) 4-Nitroaniline | 15.413 | 138 | 1312938 | 78.639 | ng | 99 |
| 63) Azobenzene | 15.689 | 77 | 4543203 | 78.140 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.466 | 198 | 1027969 | 89.911 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.613 | 169 | 4431692 | 78.838 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 1665615 | 82.958 | ng | 99 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1914891 | 82.547 | ng | 97 |
| 69) Atrazine | 16.589 | 200 | 1724863 | 81.486 | ng | 99 |
| 70) Pentachlorophenol | 16.772 | 266 | 1361754 | 83.671 | ng | 100 |
| 71) Phenanthrene | 17.166 | 178 | 7901401 | 76.873 | ng | 99 |
| 72) Anthracene | 17.266 | 178 | 8010628 | 76.308 | ng | 98 |
| 73) Carbazole | 17.542 | 167 | 7481751 | 75.335 | ng | 98 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 9375432 | 79.539 | ng | 99 |
| 75) Fluoranthene | 19.260 | 202 | 9351568 | 74.439 | ng | 99 |
| 77) Benzidine | 19.466 | 184 | 3802265 | 65.974 | ng | 99 |
| 78) Pyrene | 19.636 | 202 | 9565086 | 78.406 | ng | 98 |
| 80) Butylbenzylphthalate | 20.607 | 149 | 4393302 | 80.859 | ng | 99 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 9949146 | 77.479 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 3556791 | 76.221 | ng | 99 |
| 83) Chrysene | 21.630 | 228 | 9412347 | 77.856 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.519 | 149 | 6825162 | 83.686 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.807 | 149 | 11864727 | 82.666 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.712 | 276 | 13504257m | 81.129 | ng | |
| 88) Benzo(b)fluoranthene | 23.871 | 252 | 10544016 | 77.620 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.942 | 252 | 10628665 | 78.288 | ng | 100 |
| 90) Benzo(a)pyrene | 24.765 | 252 | 10207772 | 79.216 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.801 | 278 | 11012037 | 80.721 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.906 | 276 | 11030115 | 81.458 | ng | 99 |

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

ICAL Form

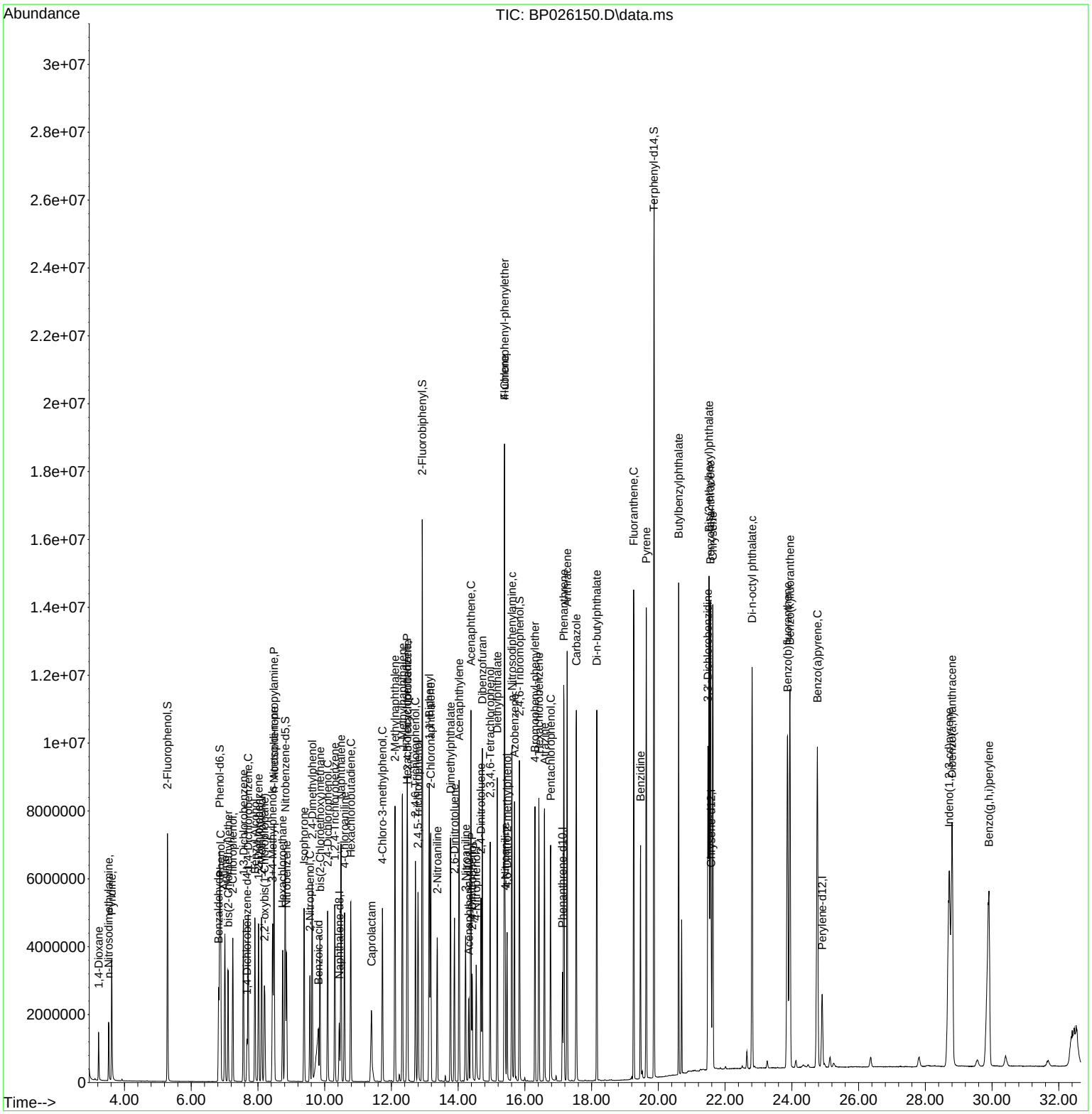
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

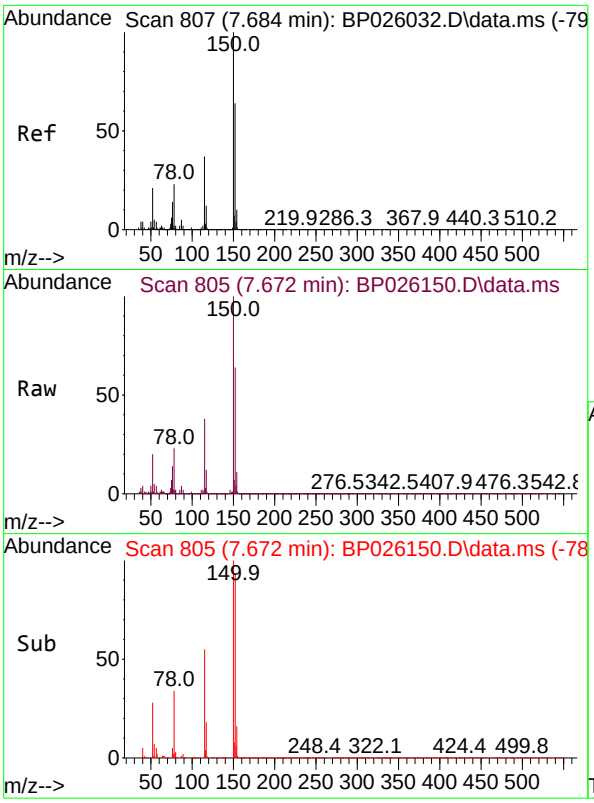
Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

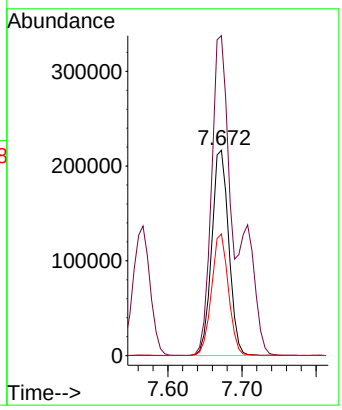





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:152 Resp: 345750

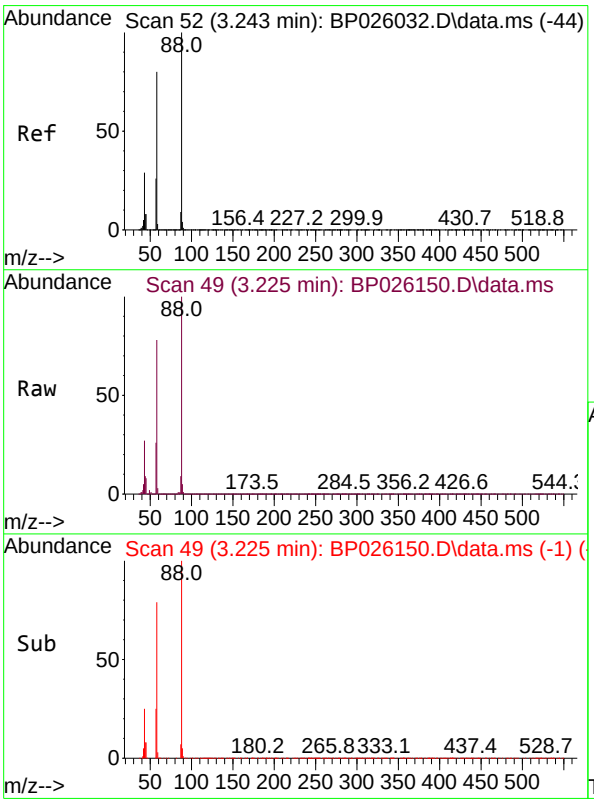
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.8 | 123.0 | 184.6 |
| 115 | 59.3 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

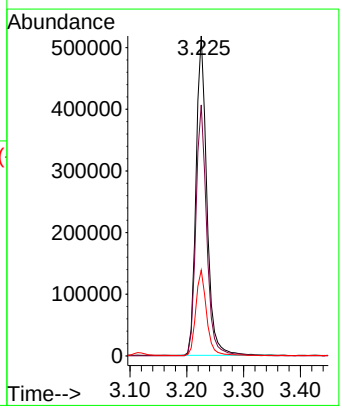
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

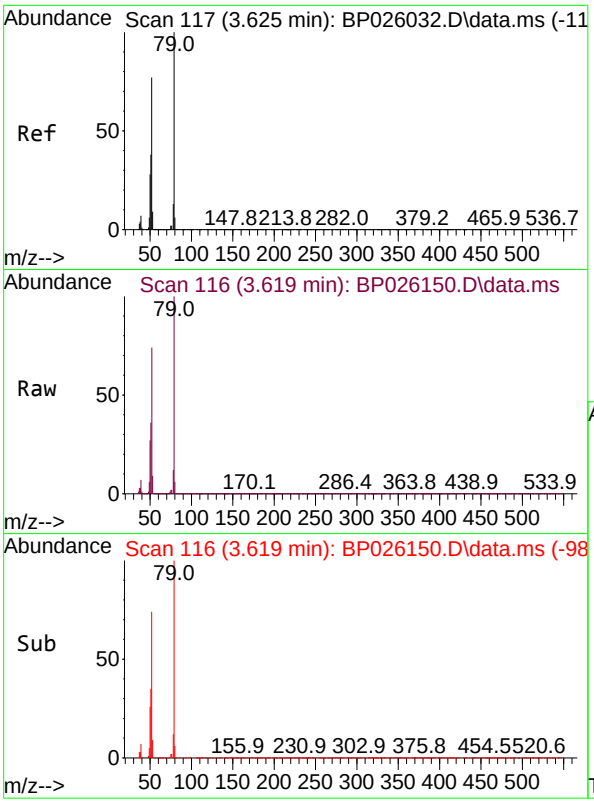



#2
1,4-Dioxane
Concen: 77.877 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 88 Resp: 682656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.9 | 64.2 | 96.4 |
| 43 | 26.6 | 21.5 | 32.3 |

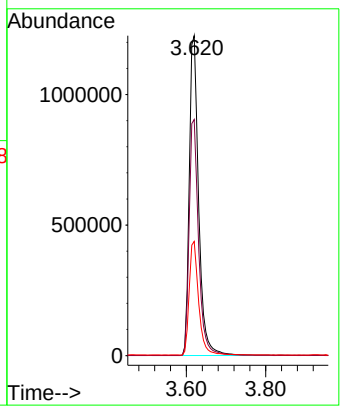





#3
Pyridine
Concen: 79.785 ng
RT: 3.619 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 79 Resp: 201616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.8 | 60.2 | 90.2 |
| 51 | 35.7 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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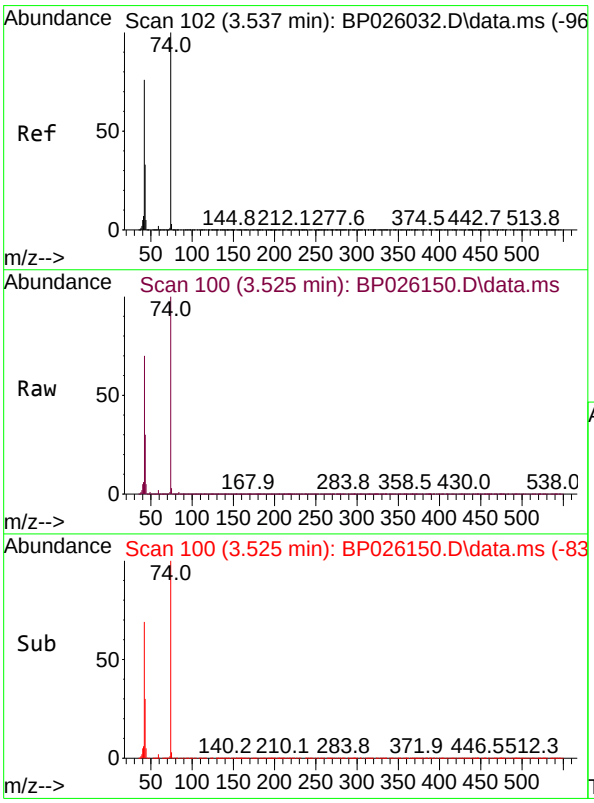
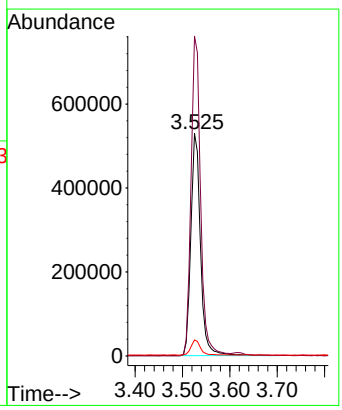
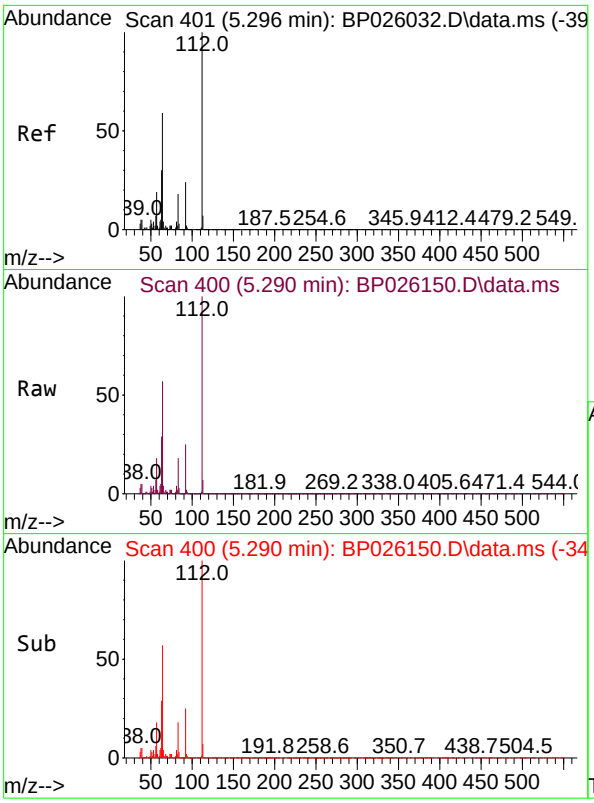



#4
n-Nitrosodimethylamine
Concen: 79.241 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 42 Resp: 746299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.8 | 118.1 | 177.1 |
| 44 | 7.1 | 6.2 | 9.4 |

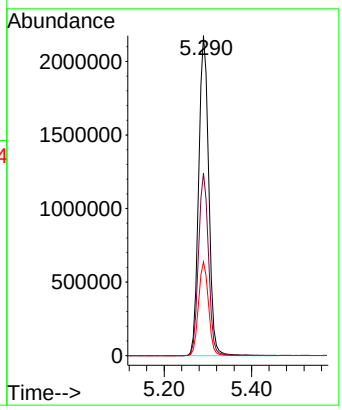





#5
2-Fluorophenol
Concen: 159.776 ng
RT: 5.290 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:112 Resp: 344271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.1 | 45.8 | 68.6 |
| 63 | 29.3 | 23.5 | 35.3 |




**Instrument :**
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SSTDICC080

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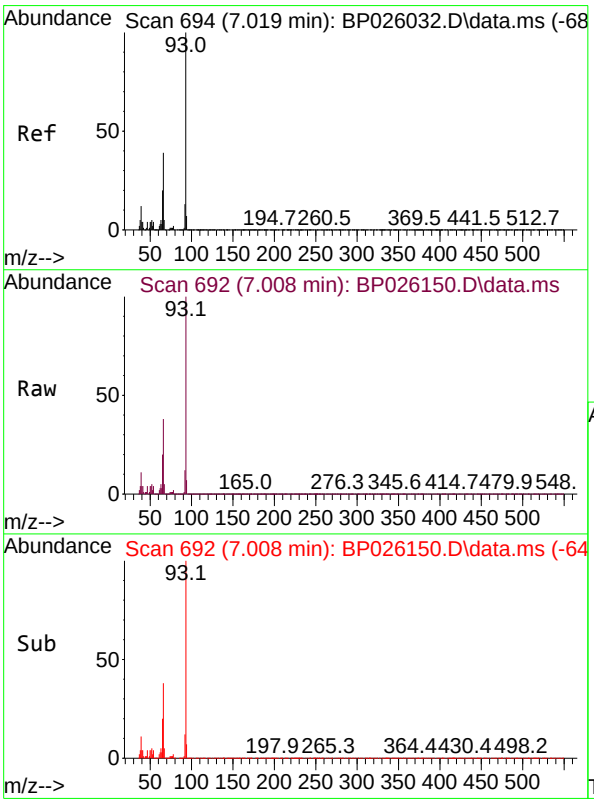
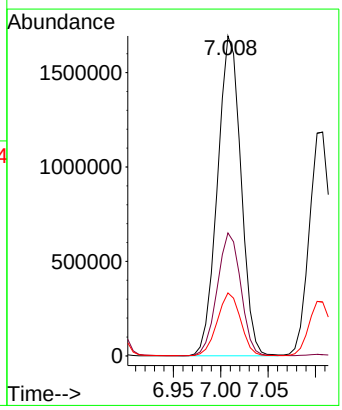
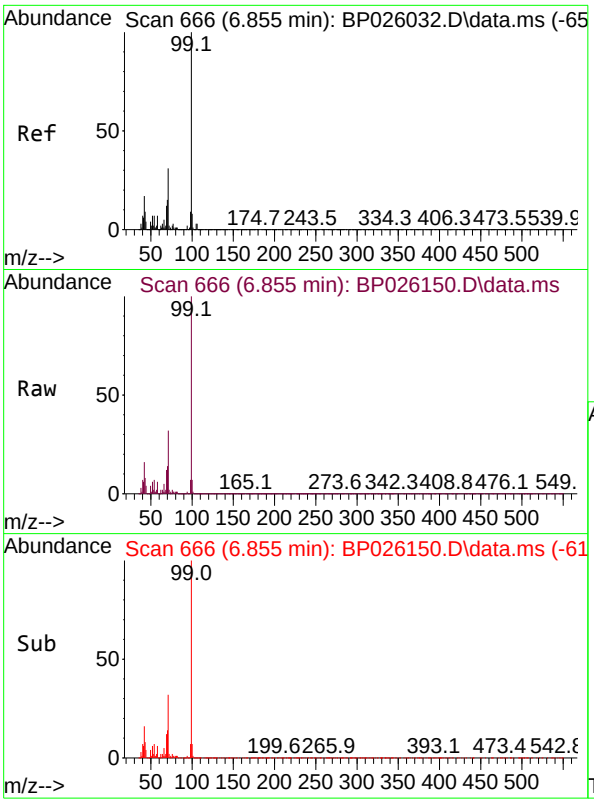



#6
Aniline
Concen: 80.951 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2927759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.4 | 31.7 | 47.5 |
| 65 | 19.7 | 15.8 | 23.6 |

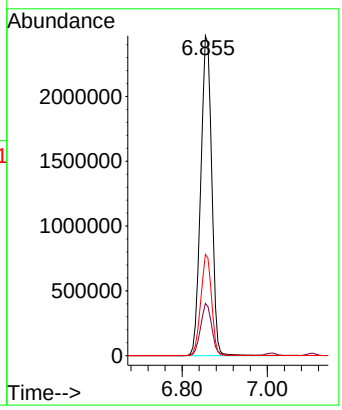





#7
Phenol-d6
Concen: 160.812 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 99 Resp: 441513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.3 | 12.9 | 19.3 |
| 71 | 31.6 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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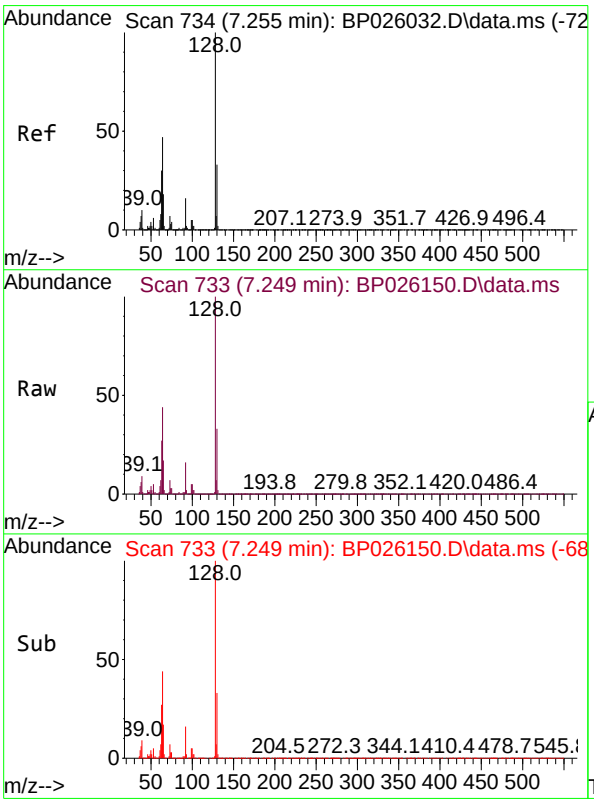
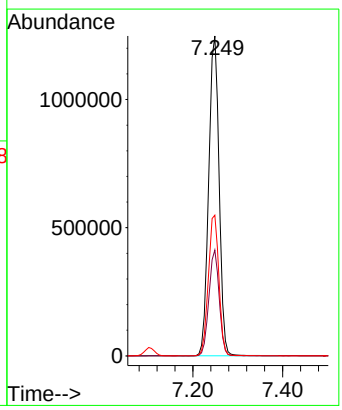
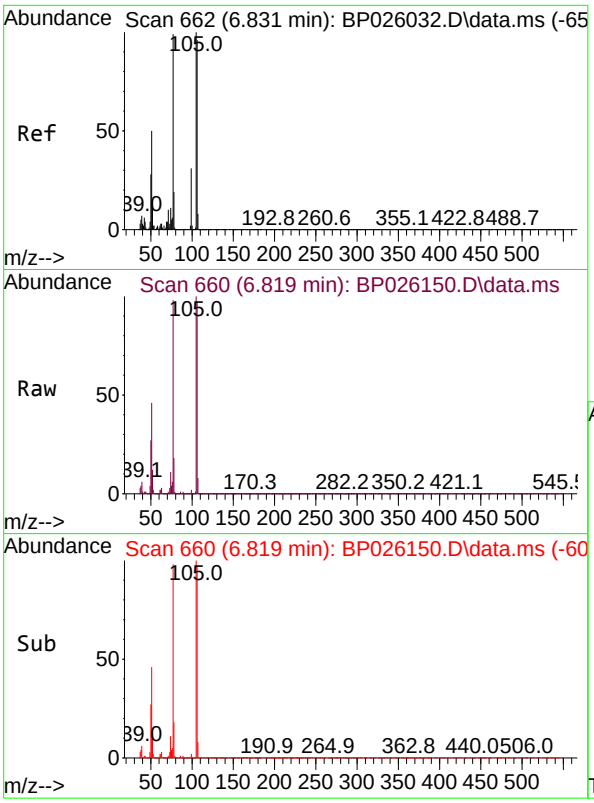



#8
2-Chlorophenol
Concen: 81.986 ng
RT: 7.249 min Scan# 733
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 2009119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 12.4 | 52.4 |
| 64 | 44.0 | 23.9 | 63.9 |

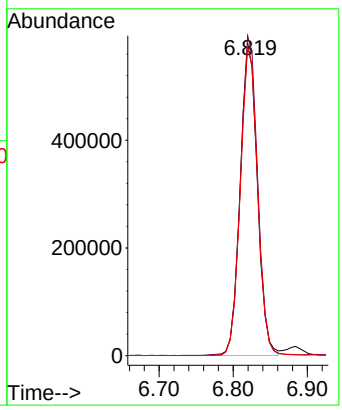





#9
Benzaldehyde
Concen: 78.716 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 93073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.4 | 82.9 | 122.9 |
| 106 | 98.9 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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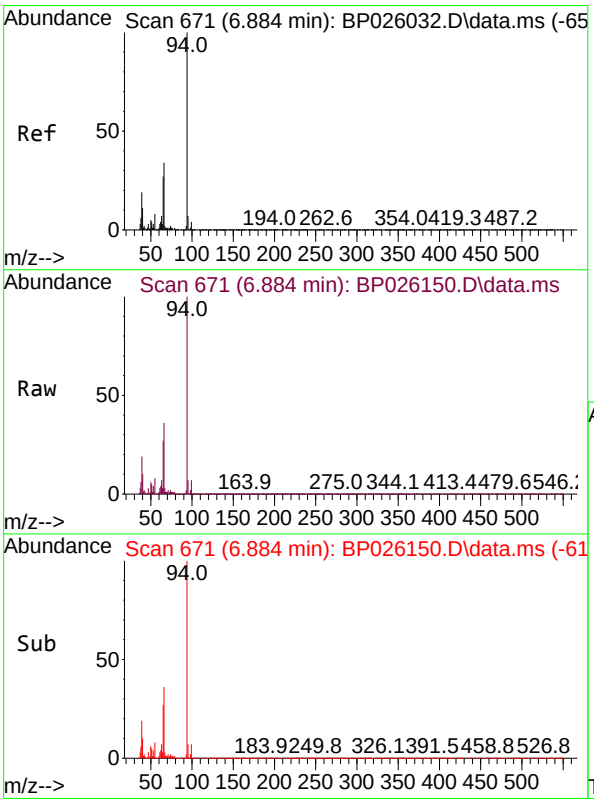
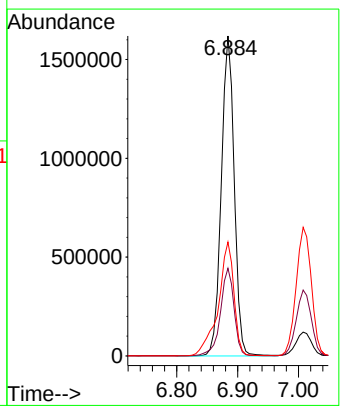
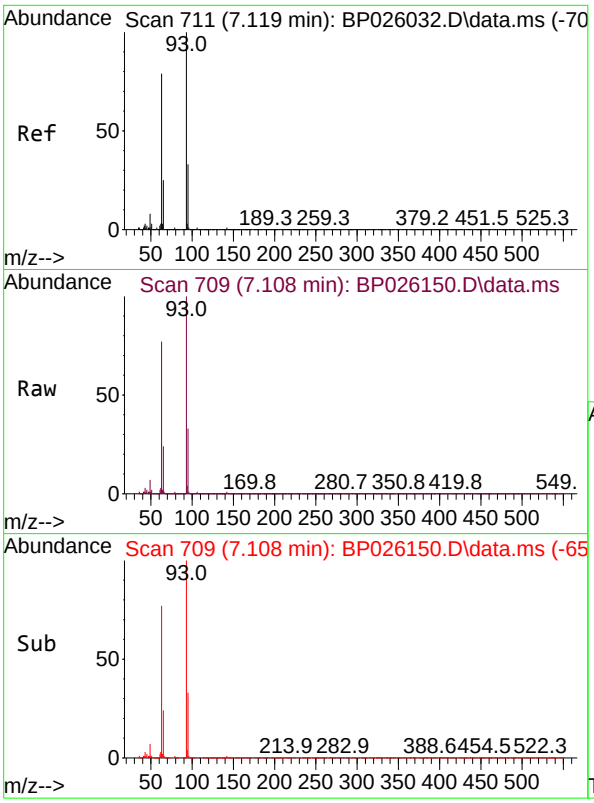



#10
Phenol
Concen: 80.950 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 94 Resp: 2391614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.4 | 7.0 | 47.0 |
| 66 | 35.6 | 14.5 | 54.5 |

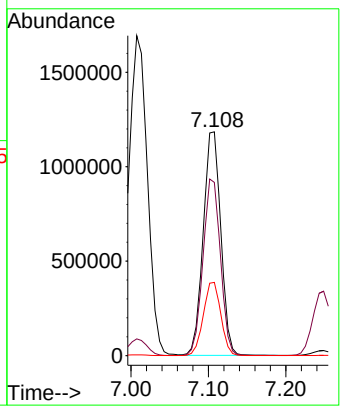





#11
bis(2-Chloroethyl)ether
Concen: 81.013 ng
RT: 7.108 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 186763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.4 | 58.8 | 98.8 |
| 95 | 32.7 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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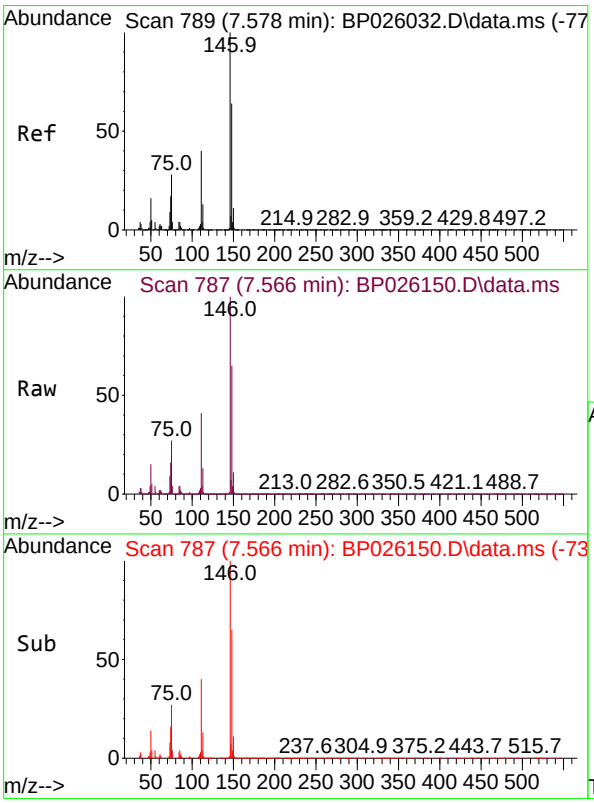
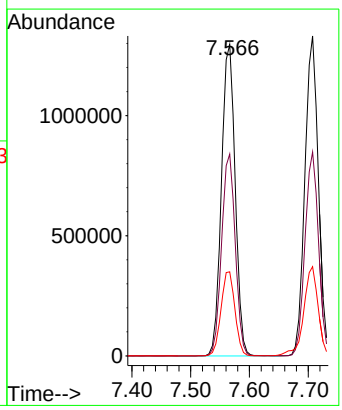
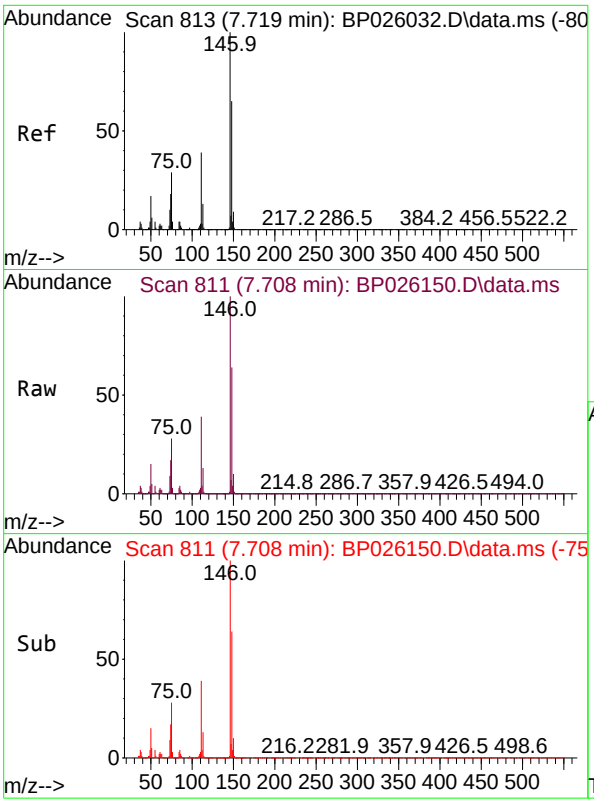



#12
1,3-Dichlorobenzene
Concen: 79.578 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:146 Resp: 2099884

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






#13
1,4-Dichlorobenzene
Concen: 79.609 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:146 Resp: 211555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.4 | 77.2 |
| 111 | 39.2 | 31.7 | 47.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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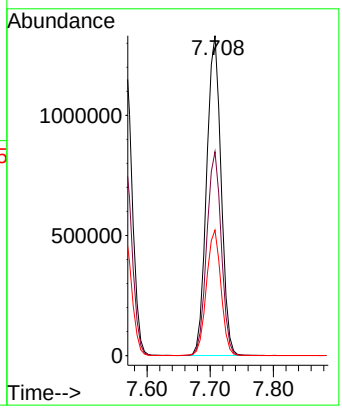
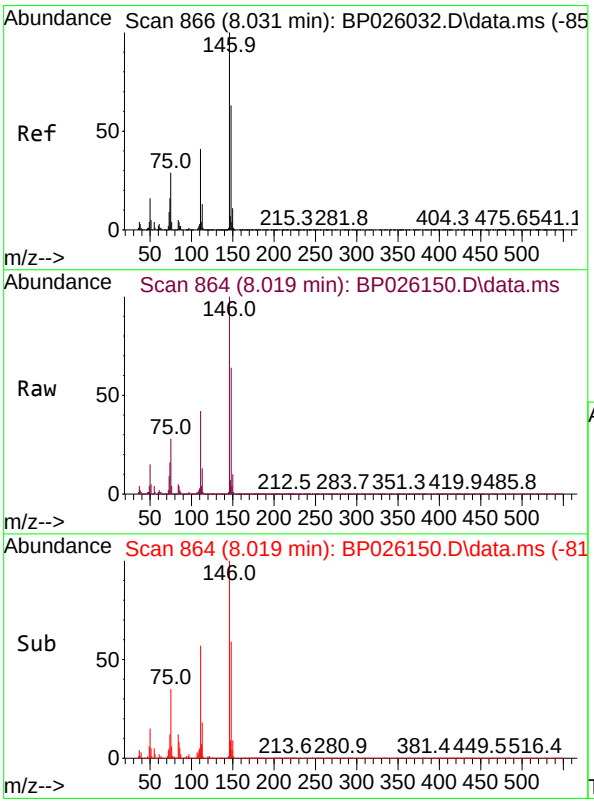
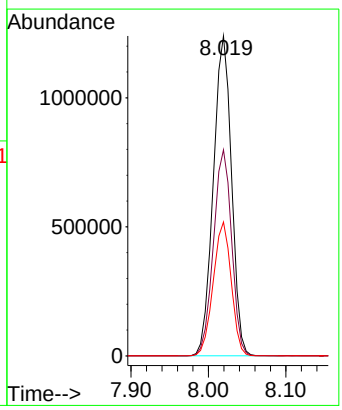


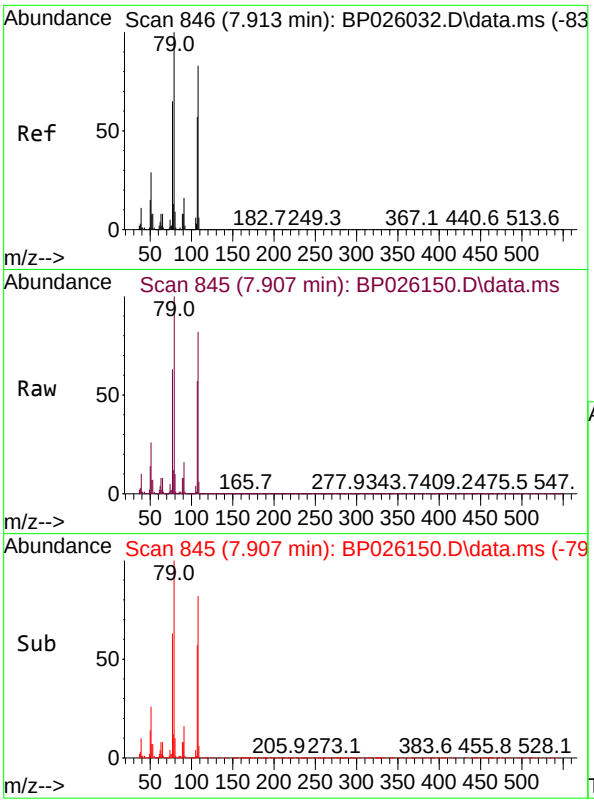




#14
1,2-Dichlorobenzene
Concen: 79.210 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:146 Resp: 2024908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.0 | 76.6 |
| 111 | 41.8 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 80.734 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 79 Resp: 162186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 81.6 | 66.2 | 99.4 |
| 77 | 62.5 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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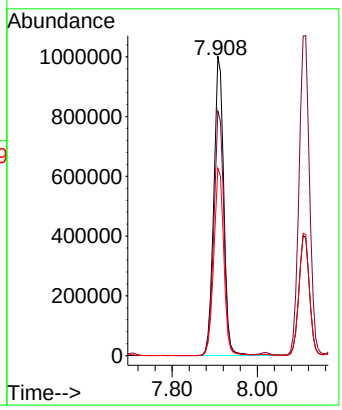
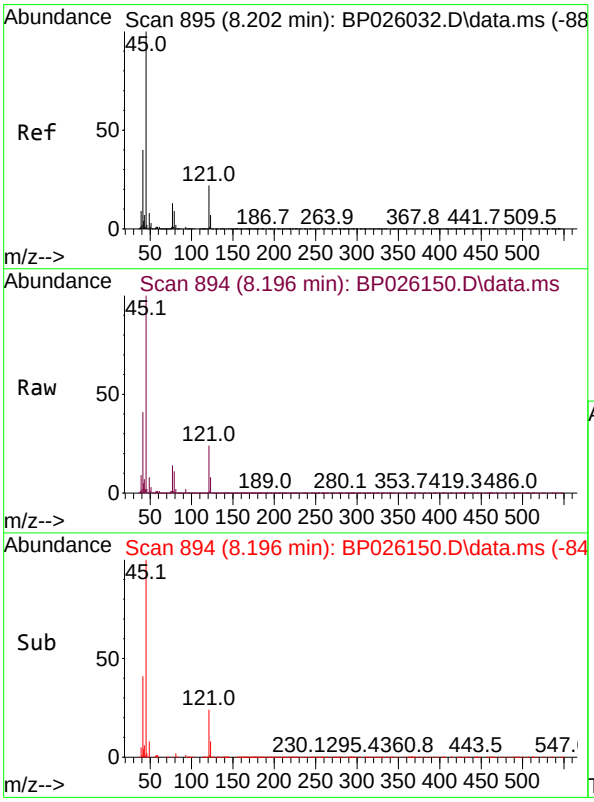
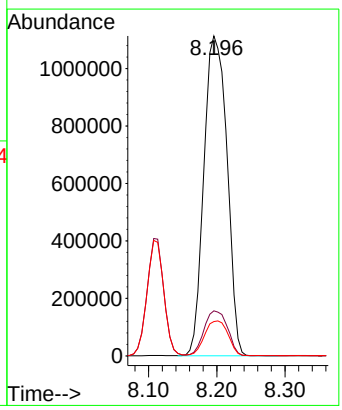


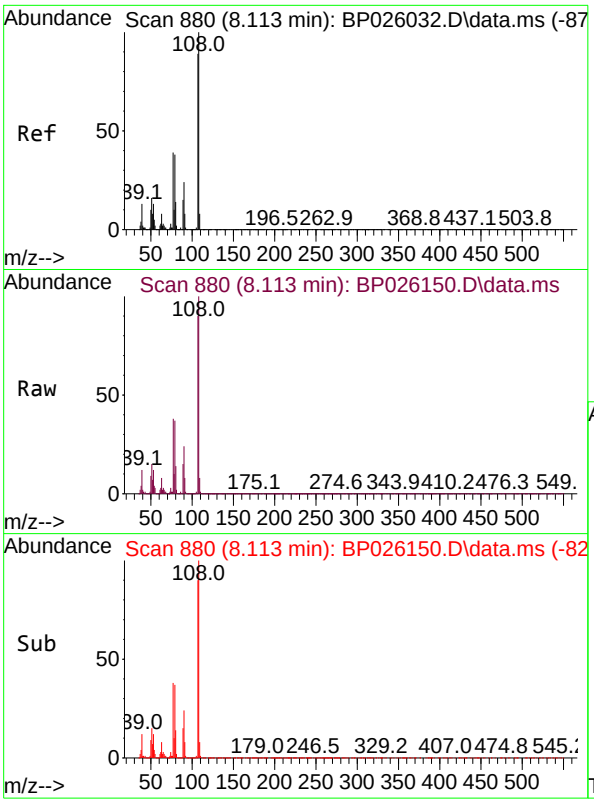




#16
2,2'-oxybis(1-Chloropropane)
Concen: 80.284 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 45 Resp: 2616851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.1 | 0.0 | 33.9 |
| 79 | 10.7 | 0.0 | 30.4 |

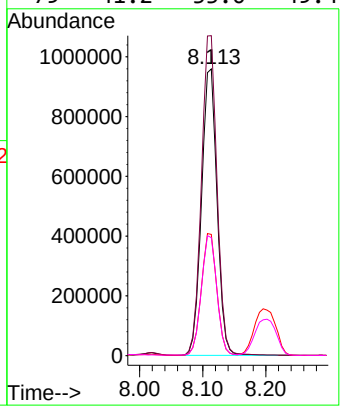





#17
2-Methylphenol
Concen: 81.249 ng
RT: 8.113 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 163486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.7 | 89.7 | 134.5 |
| 77 | 42.3 | 33.9 | 50.9 |
| 79 | 41.2 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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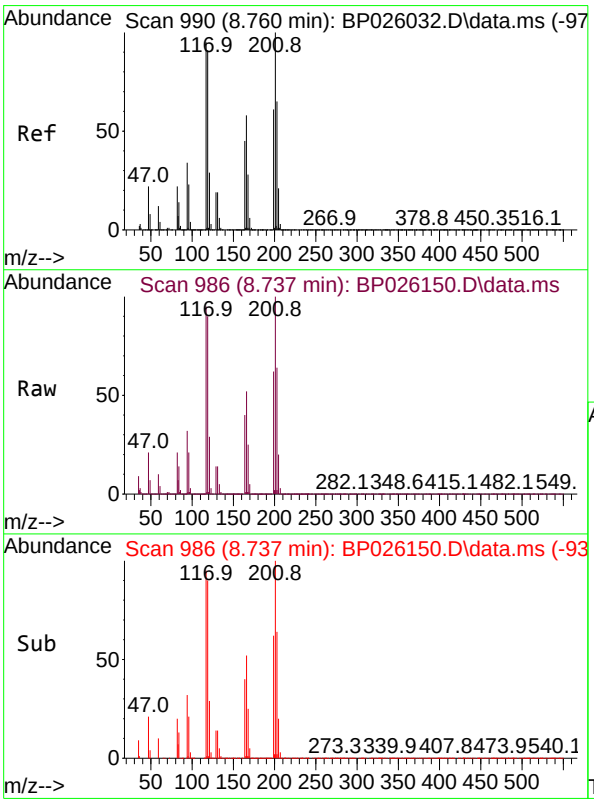
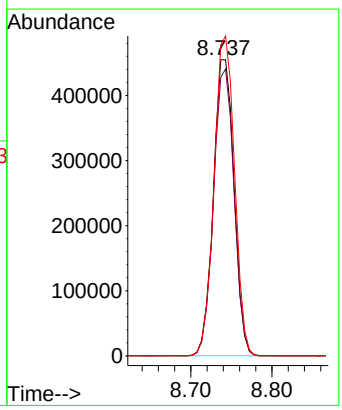
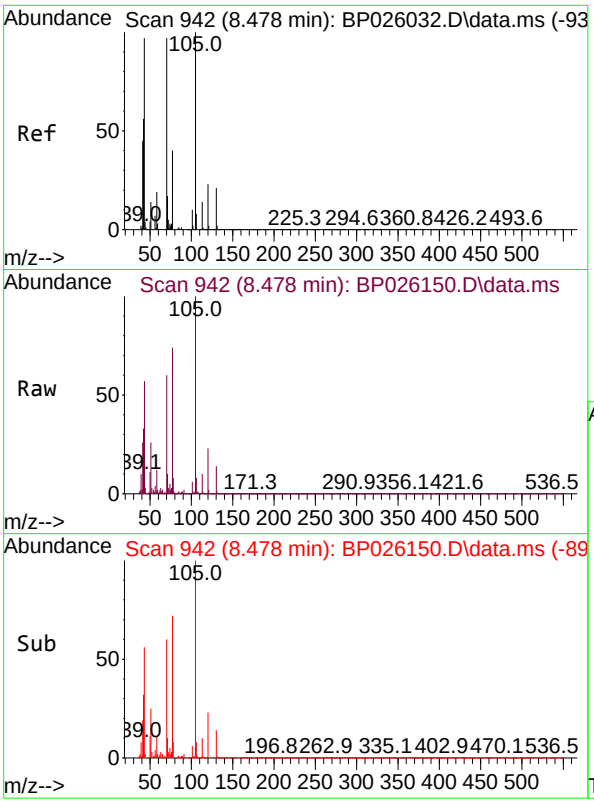



#18
Hexachloroethane
Concen: 82.952 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:117 Resp: 803419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.0 | 78.7 | 118.1 |
| 201 | 105.0 | 85.1 | 127.7 |

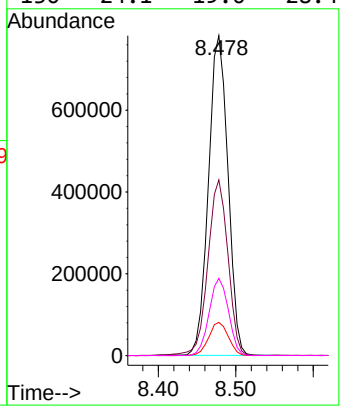





#19
n-Nitroso-di-n-propylamine
Concen: 79.788 ng
RT: 8.478 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 70 Resp: 136416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.9 | 44.1 | 66.1 |
| 101 | 10.4 | 8.2 | 12.4 |
| 130 | 24.1 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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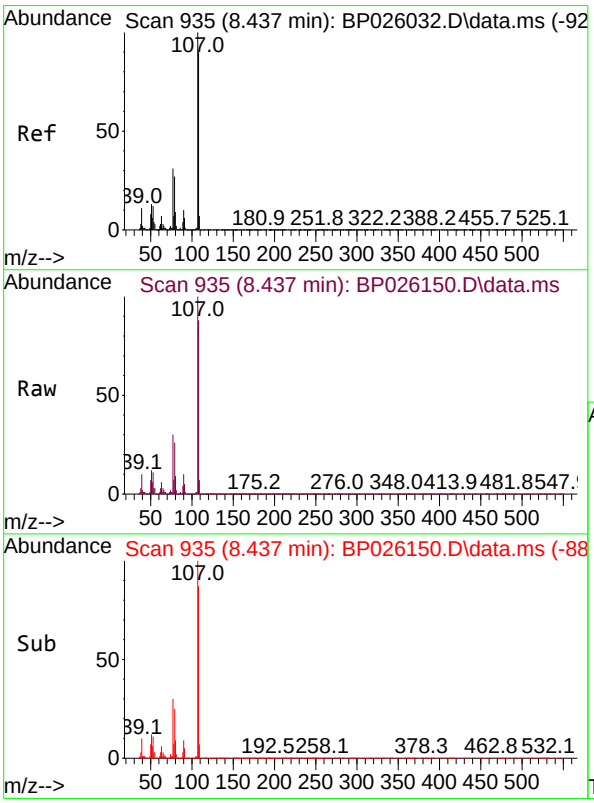
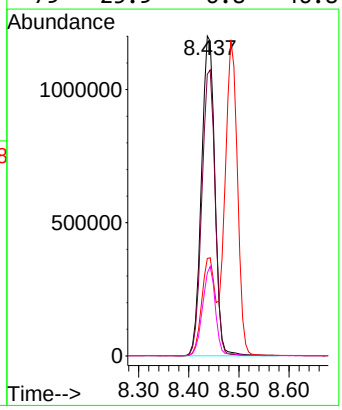
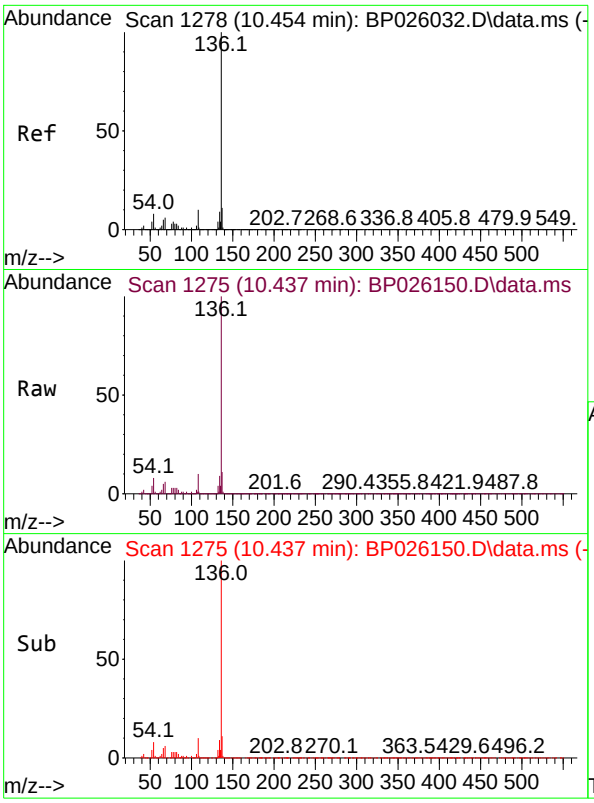



#20
3+4-Methylphenols
Concen: 79.724 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 2230760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.0 | 68.9 | 108.9 |
| 77 | 30.4 | 10.4 | 50.4 |
| 79 | 25.9 | 6.8 | 46.8 |

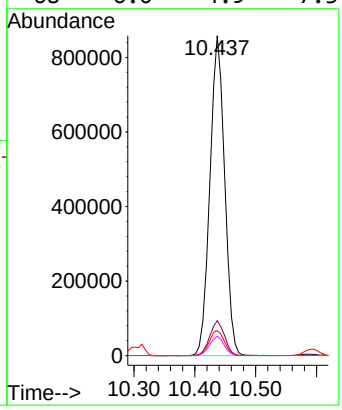





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:136 Resp: 144366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 7.8 | 6.4 | 9.6 |
| 68 | 6.0 | 4.9 | 7.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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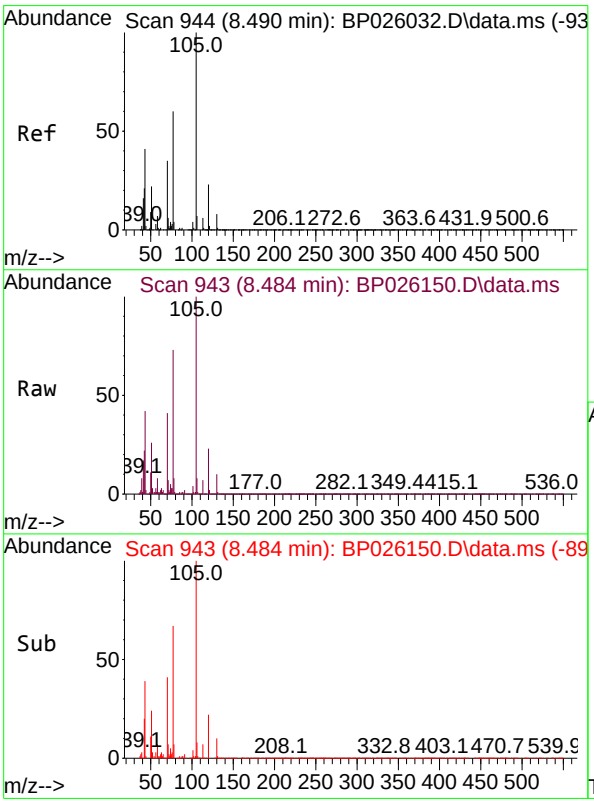
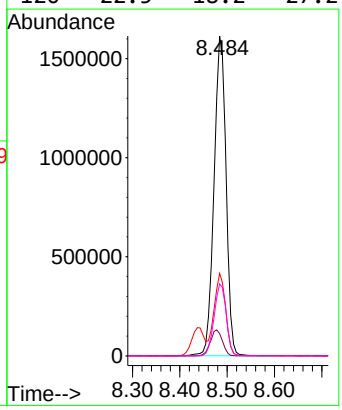
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

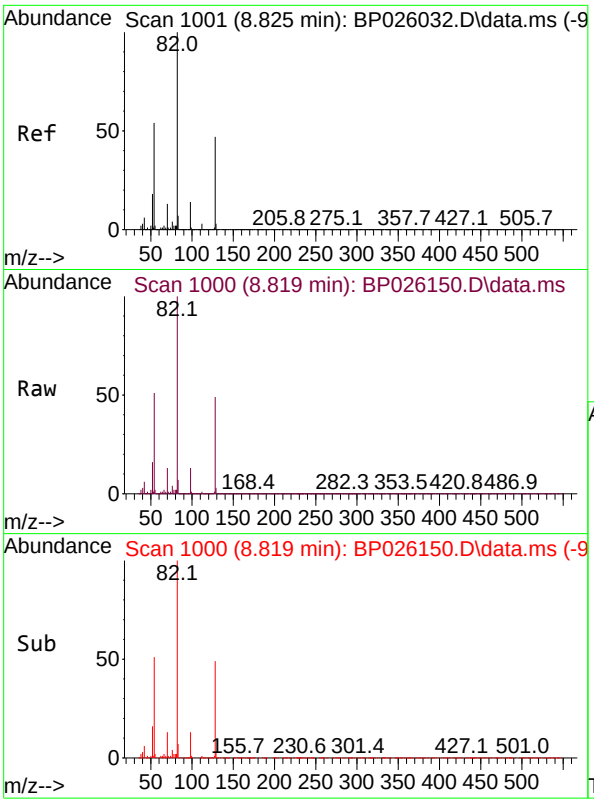



#22
Acetophenone
Concen: 77.453 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:105 Resp: 2844696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.0 | 3.0 | 4.4# |
| 51 | 25.8 | 20.5 | 30.7 |
| 120 | 22.5 | 18.2 | 27.2 |

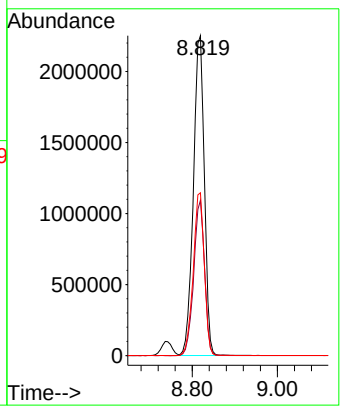





#23
Nitrobenzene-d5
Concen: 158.440 ng
RT: 8.819 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 82 Resp: 403325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.5 | 37.4 | 56.0 |
| 54 | 50.9 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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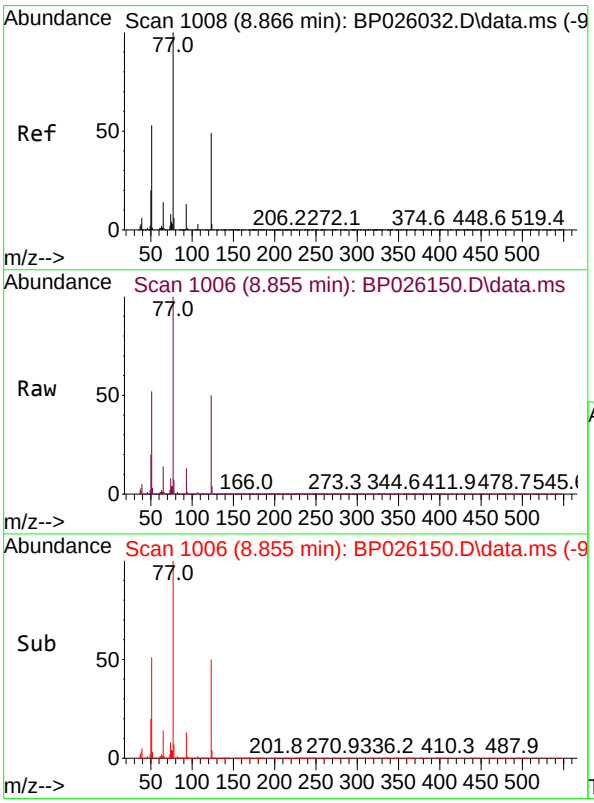
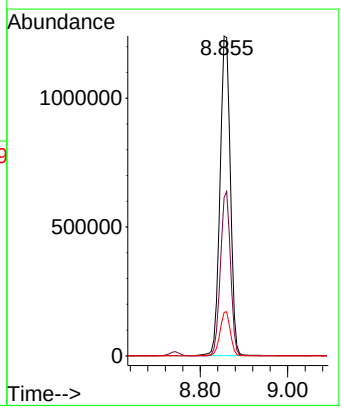
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

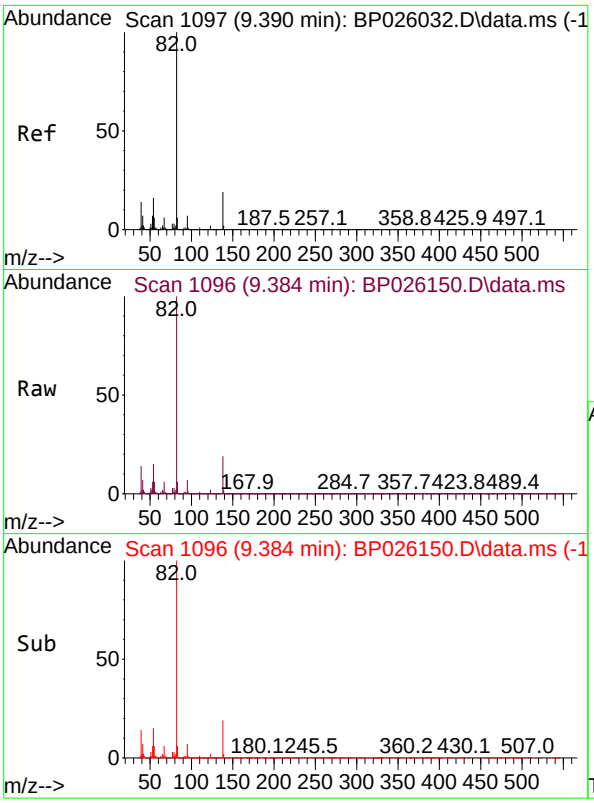



#24
Nitrobenzene
Concen: 79.321 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 2043562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.5 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |

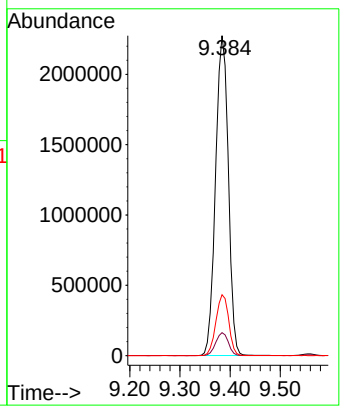





#25
Isophorone
Concen: 79.581 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 82 Resp: 402227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.4 | 8.0 |
| 138 | 19.0 | 15.4 | 23.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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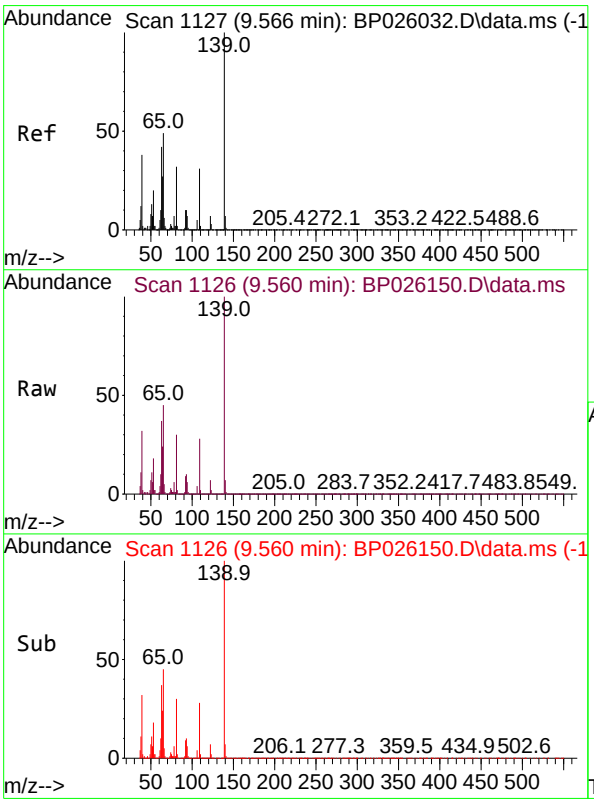
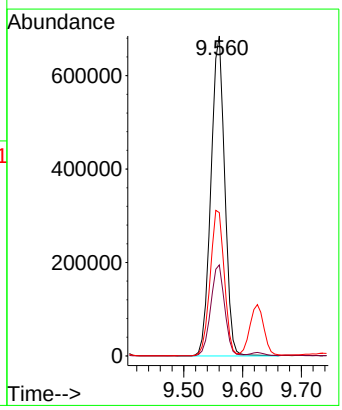
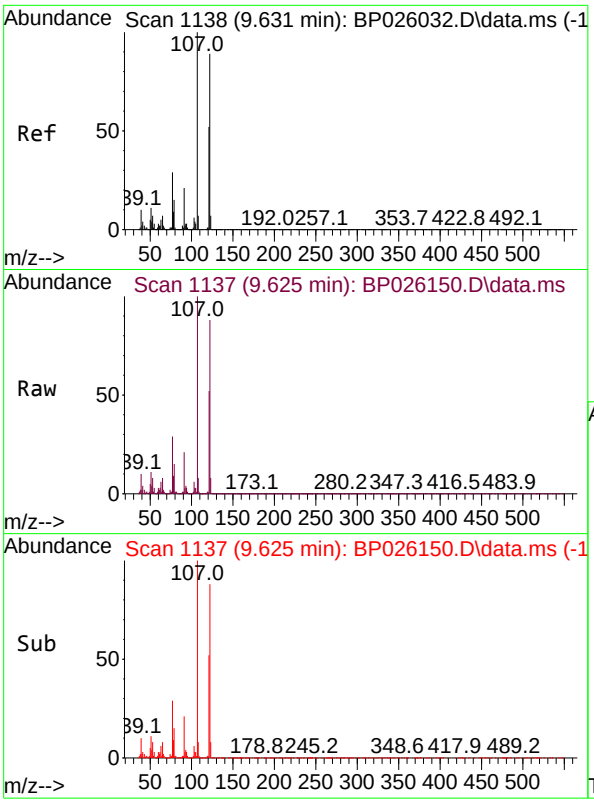



#26
2-Nitrophenol
Concen: 85.938 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:139 Resp: 1116252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.4 | 22.3 | 33.5 |
| 65 | 44.8 | 37.2 | 55.8 |






#27
2,4-Dimethylphenol
Concen: 79.196 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:122 Resp: 186359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.2 | 91.0 | 136.6 |
| 121 | 59.1 | 47.0 | 70.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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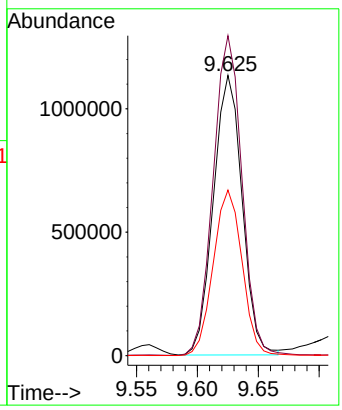
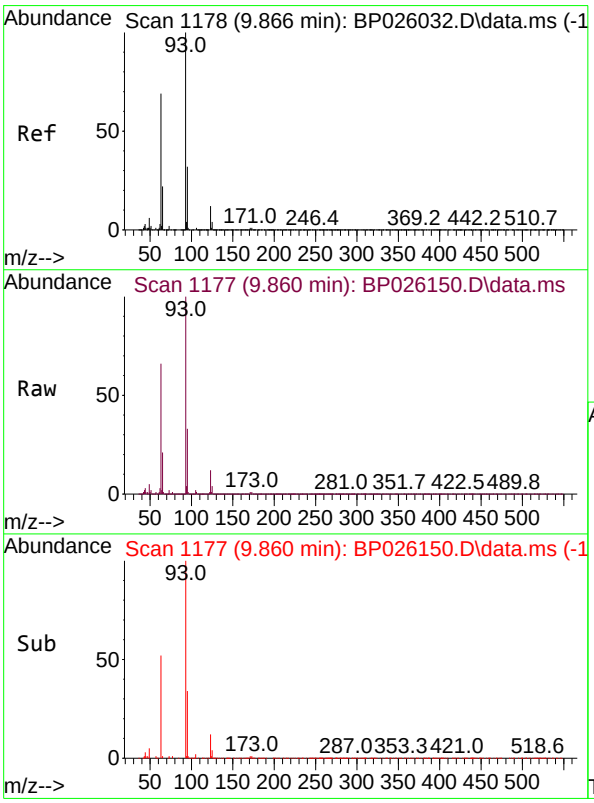
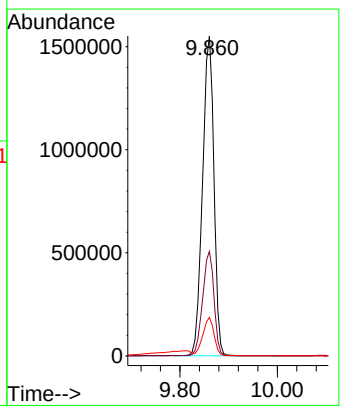


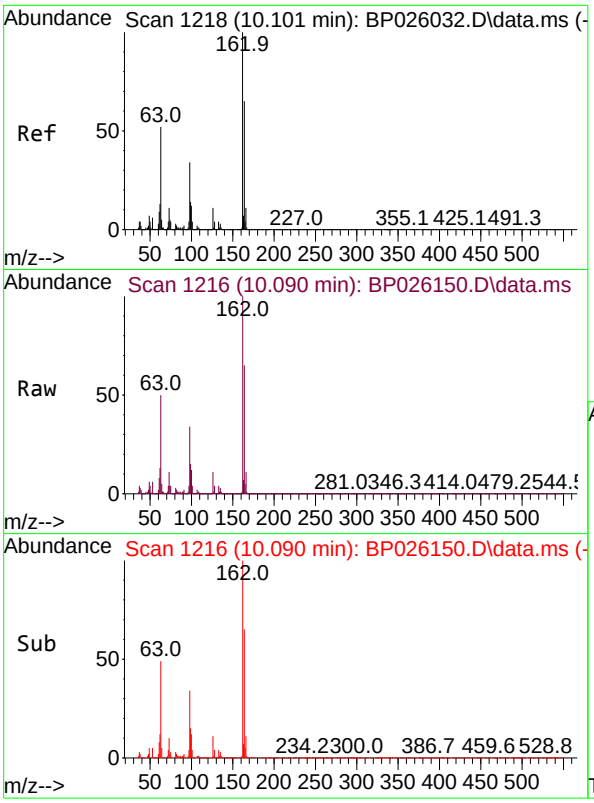




#28
bis(2-Chloroethoxy)methane
Concen: 79.503 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2515997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.4 | 39.6 |
| 123 | 12.0 | 9.4 | 14.0 |






#29
2,4-Dichlorophenol
Concen: 80.853 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:162 Resp: 189560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.3 | 43.8 | 83.8 |
| 98 | 34.2 | 14.1 | 54.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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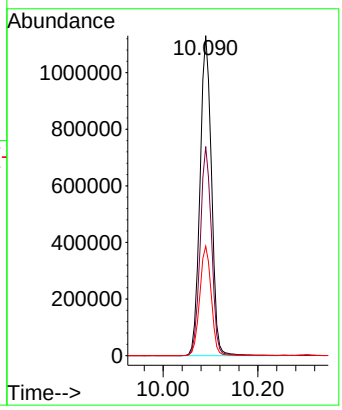
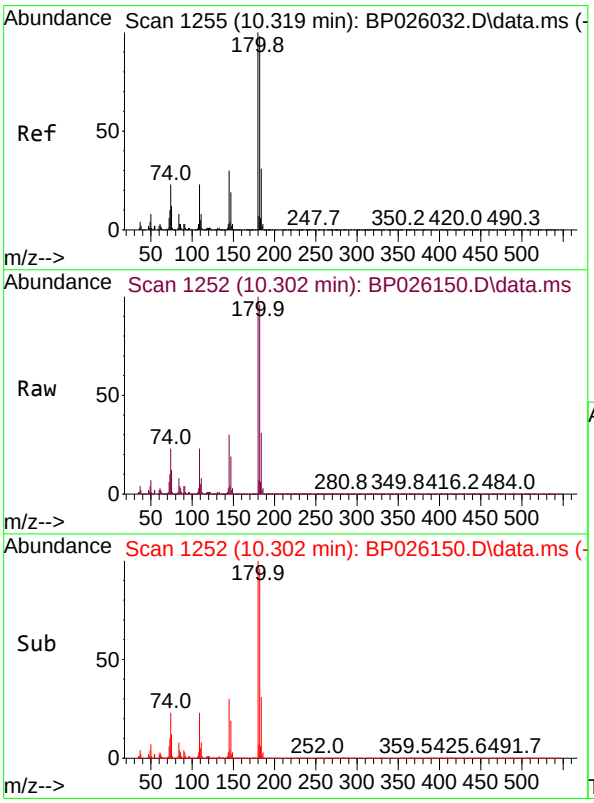
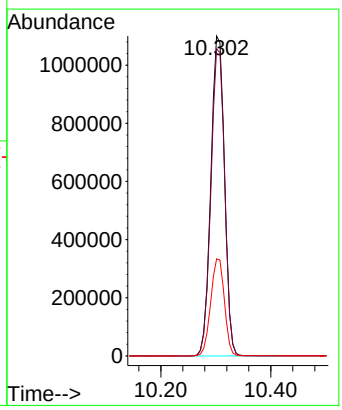


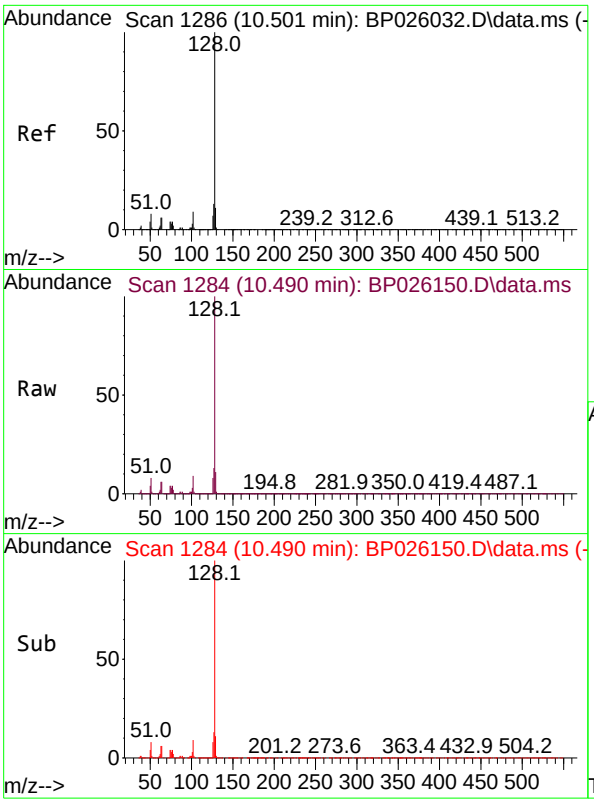




#30
1,2,4-Trichlorobenzene
Concen: 79.315 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:180 Resp: 1895013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 78.1 | 117.1 |
| 145 | 30.3 | 24.2 | 36.4 |






#31
Naphthalene
Concen: 77.497 ng
RT: 10.490 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 607493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.6 |
| 127 | 13.4 | 10.2 | 15.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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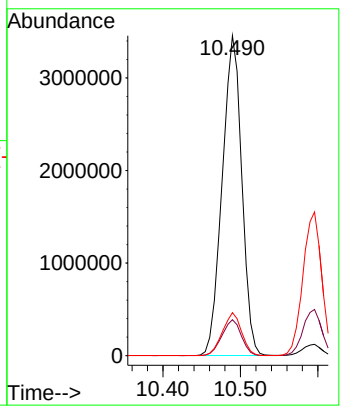
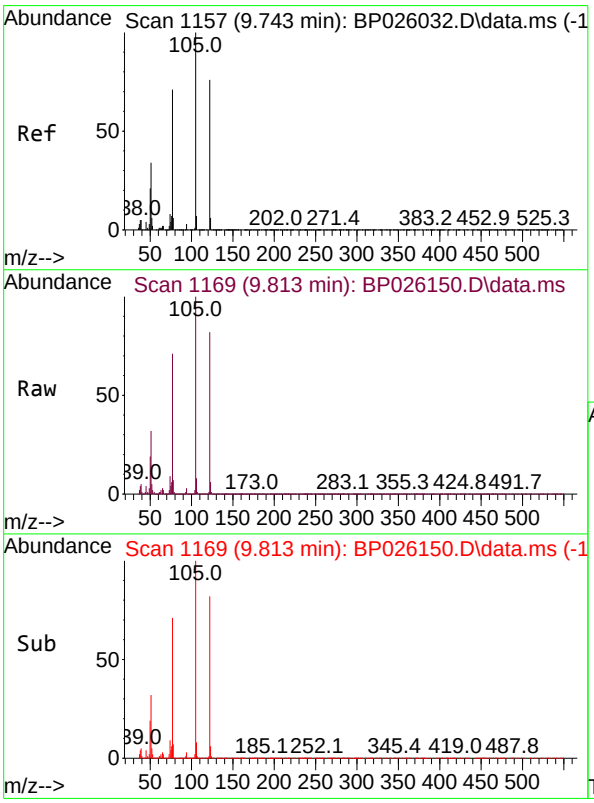
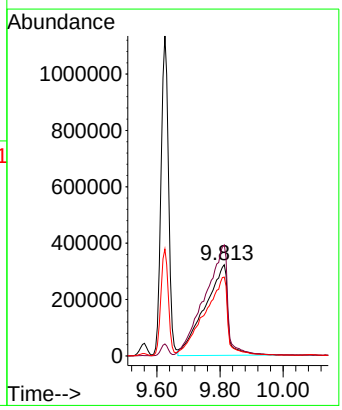


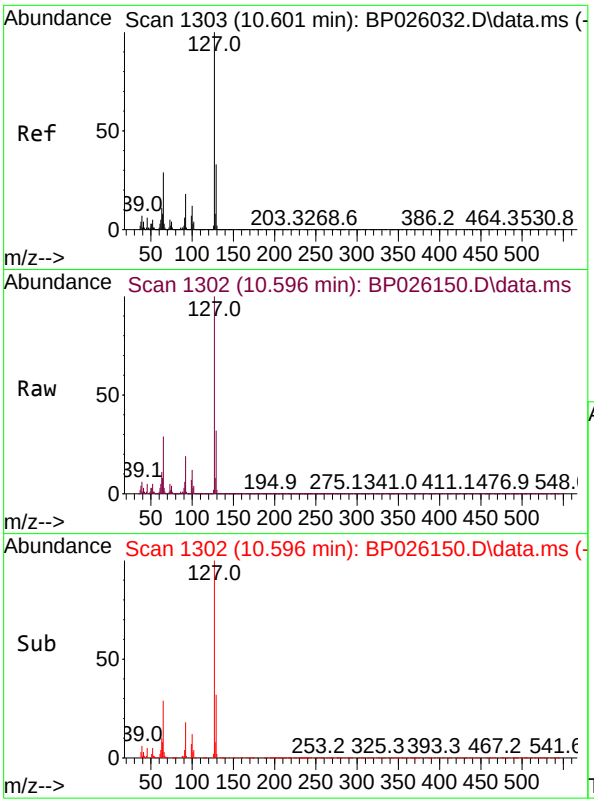




#32
Benzoic acid
Concen: 86.975 ng
RT: 9.813 min Scan# 1169
Delta R.T. 0.047 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:122 Resp: 1646676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.8 | 100.1 | 140.1 |
| 77 | 86.5 | 66.7 | 106.7 |

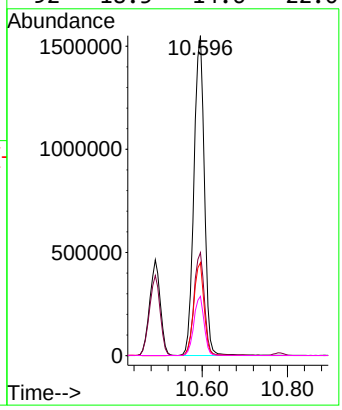





#33
4-Chloroaniline
Concen: 79.361 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:127 Resp: 264073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 25.8 | 38.8 |
| 65 | 29.0 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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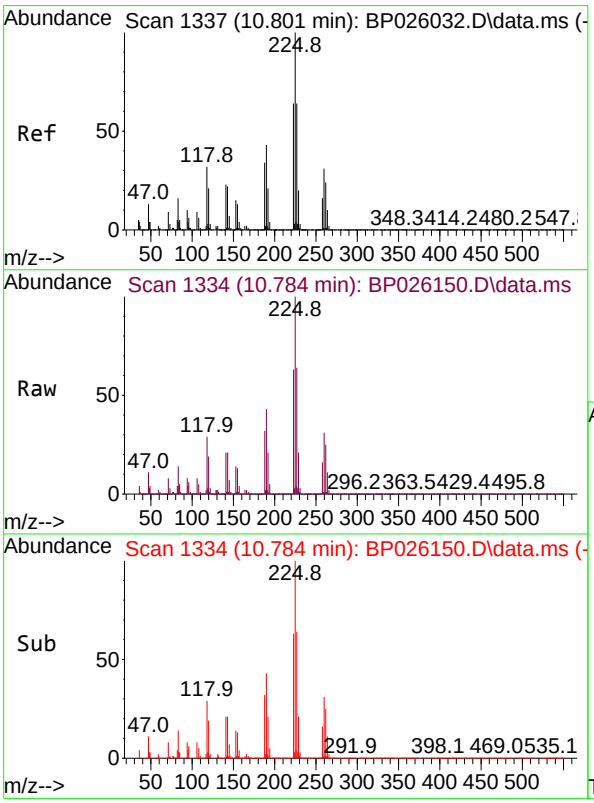
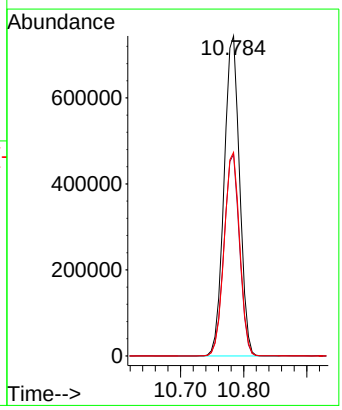
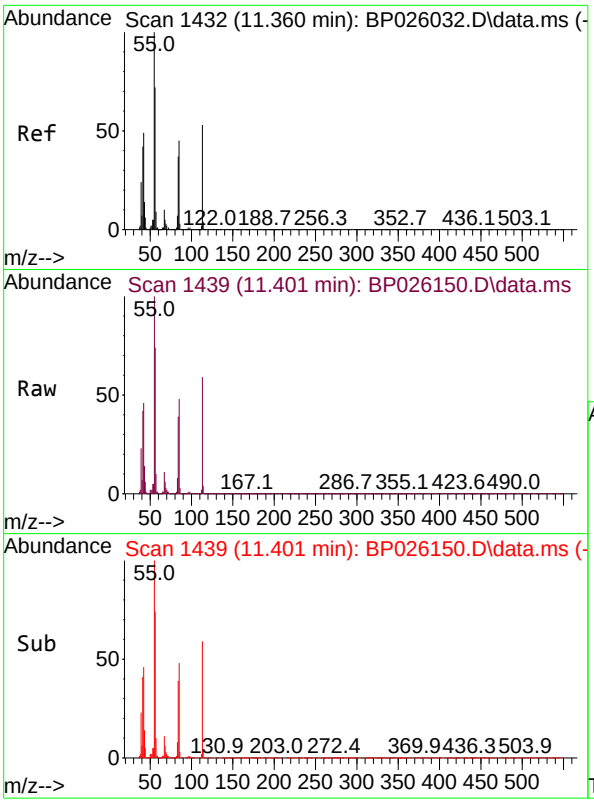



#34
Hexachlorobutadiene
Concen: 81.448 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:225 Resp: 1266129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 49.6 | 74.4 |
| 227 | 63.6 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 77.424 ng
RT: 11.401 min Scan# 14
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:113 Resp: 653660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 169.9 | 153.0 | 193.0 |
| 56 | 125.4 | 106.4 | 146.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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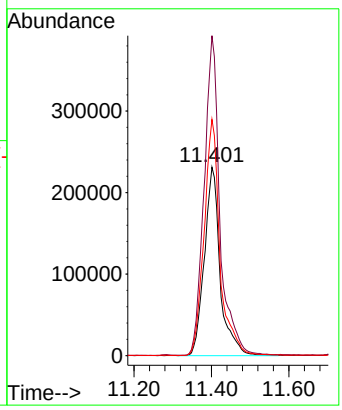
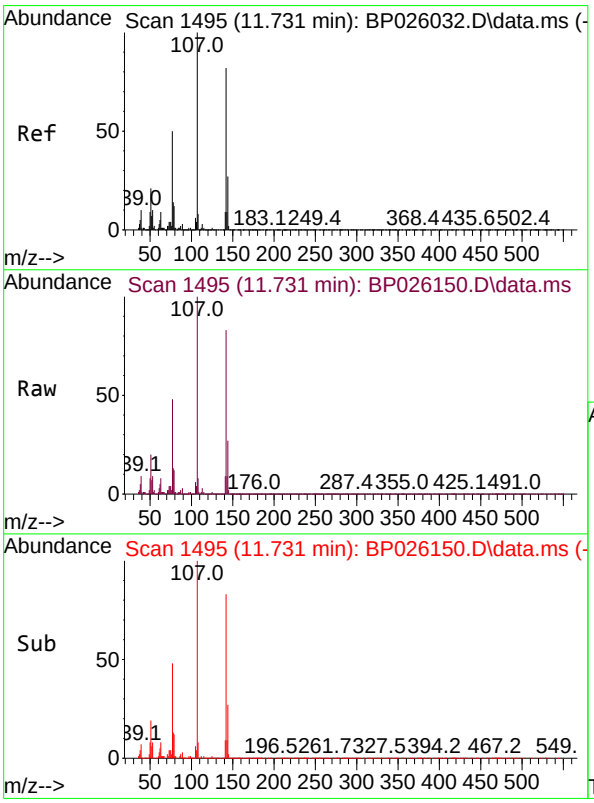
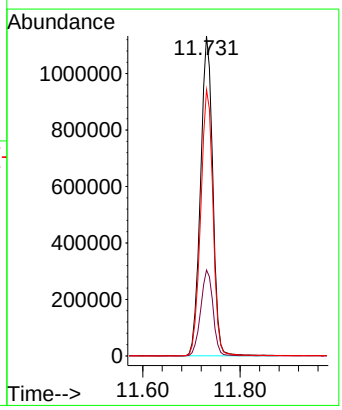


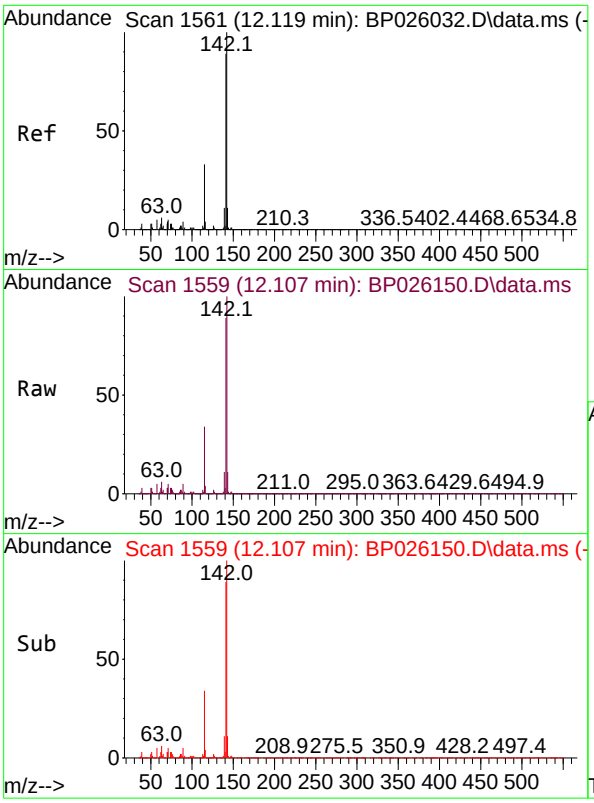




#36
4-Chloro-3-methylphenol
Concen: 79.070 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 1972354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.8 | 21.6 | 32.4 |
| 142 | 83.2 | 65.6 | 98.4 |

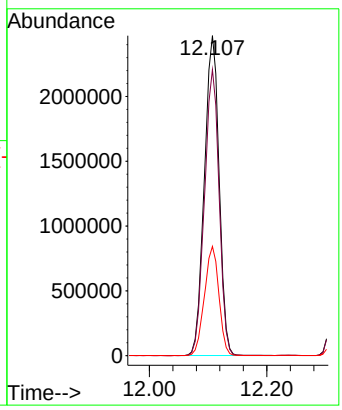





#37
2-Methylnaphthalene
Concen: 77.446 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:142 Resp: 429711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.4 | 71.0 | 106.6 |
| 115 | 34.1 | 26.6 | 39.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

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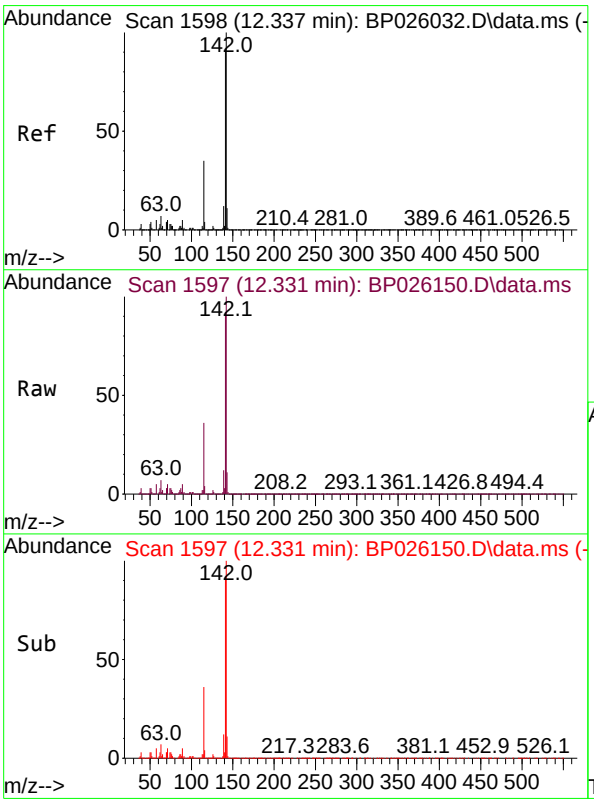
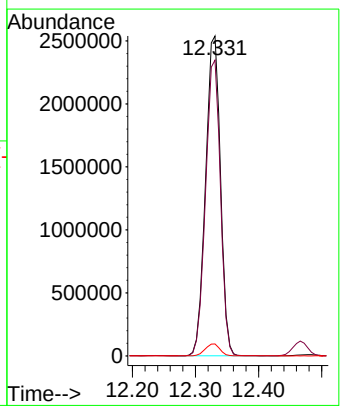
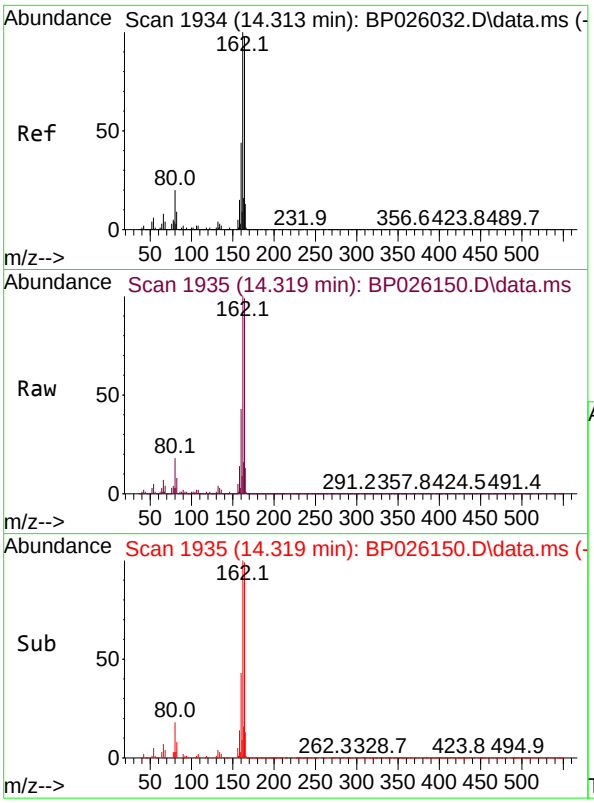



#38
1-Methylnaphthalene
Concen: 76.467 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:142 Resp: 4151377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |

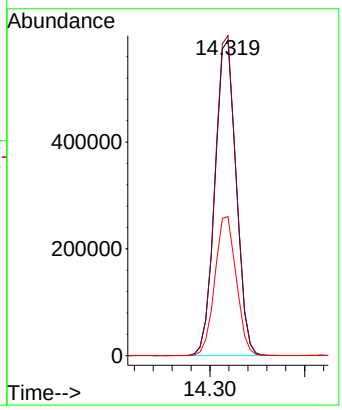





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:164 Resp: 91625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 80.3 | 120.5 |
| 160 | 44.1 | 35.2 | 52.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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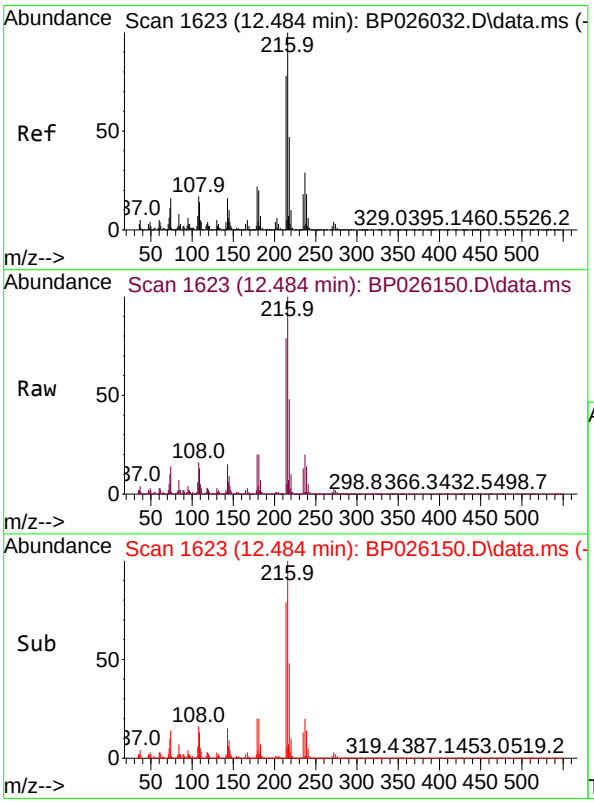
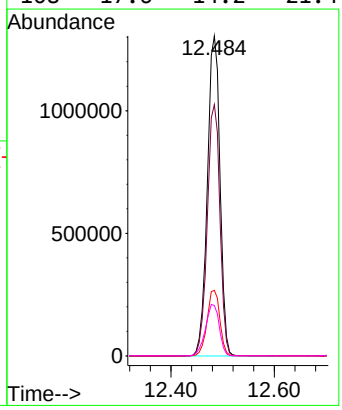
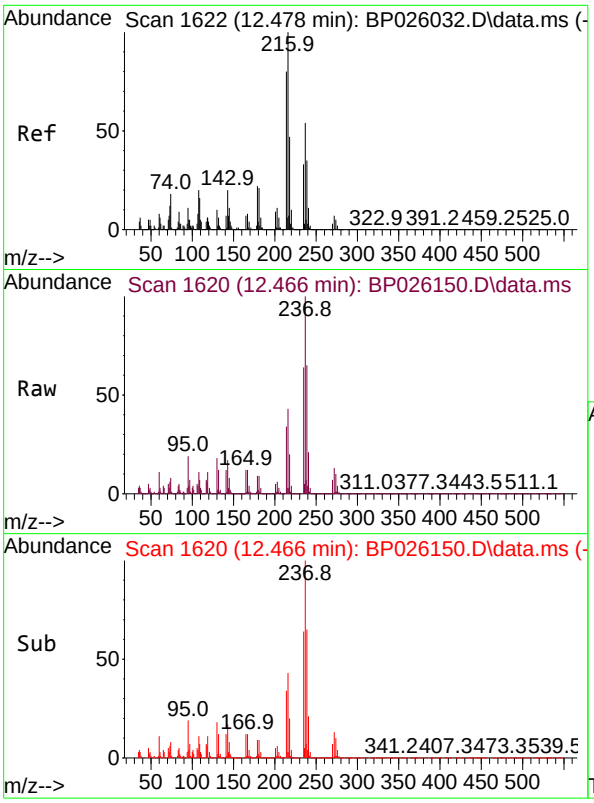



#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.984 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:216 Resp: 2208451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.6 | 14.2 | 21.4 |






#41
Hexachlorocyclopentadiene
Concen: 88.626 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:237 Resp: 159719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.9 | 43.3 | 83.3 |
| 272 | 12.7 | 0.0 | 32.9 |

**Instrument :**
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SSTDICC080

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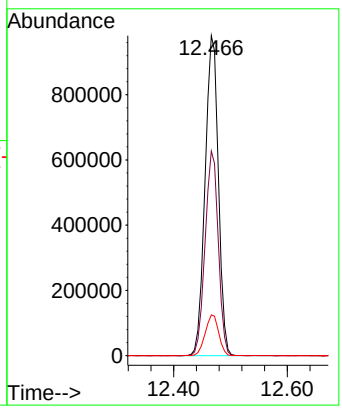
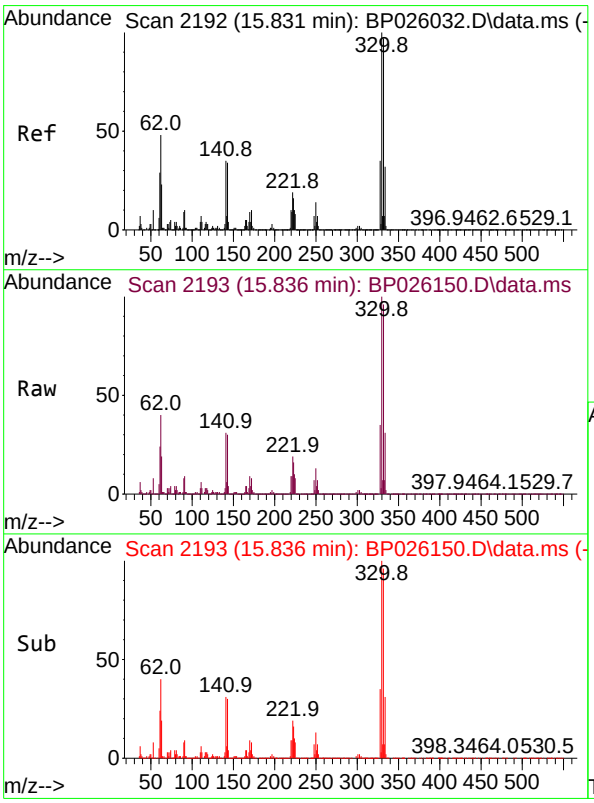
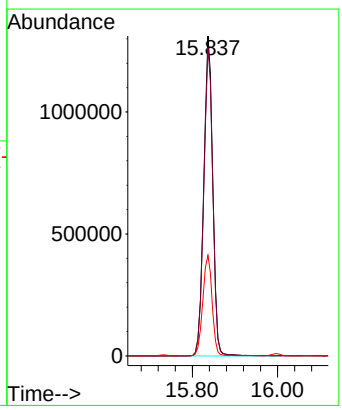


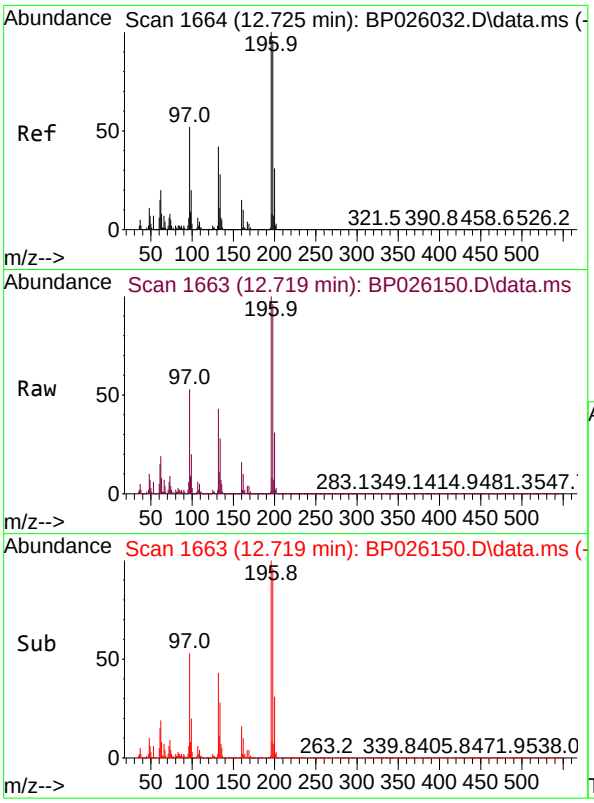




#42
2,4,6-Tribromophenol
Concen: 161.460 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:330 Resp: 1917042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 78.0 | 117.0 |
| 141 | 32.5 | 26.8 | 40.2 |

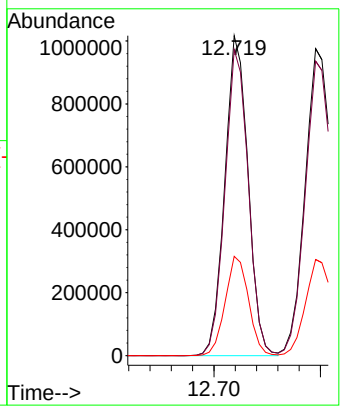





#43
2,4,6-Trichlorophenol
Concen: 81.106 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:196 Resp: 154109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 76.9 | 115.3 |
| 200 | 31.0 | 24.6 | 37.0 |




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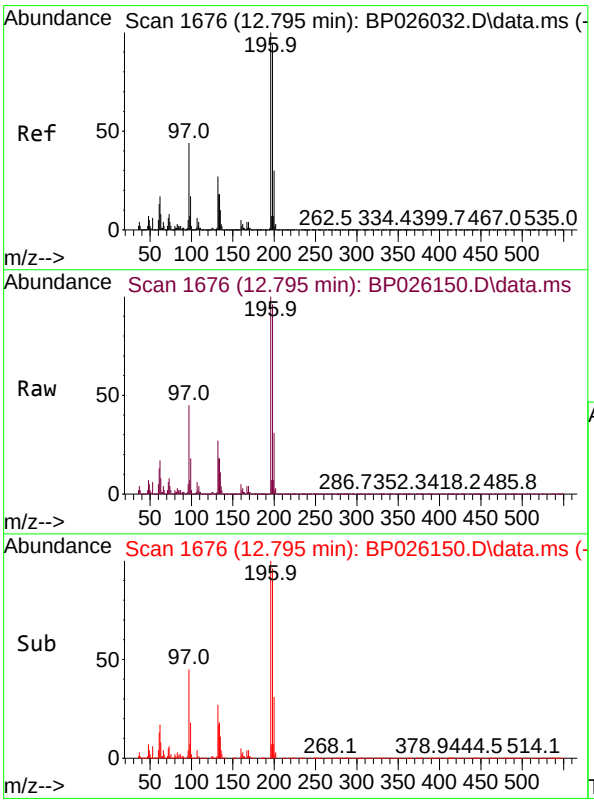
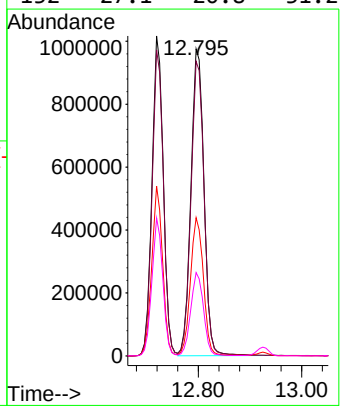
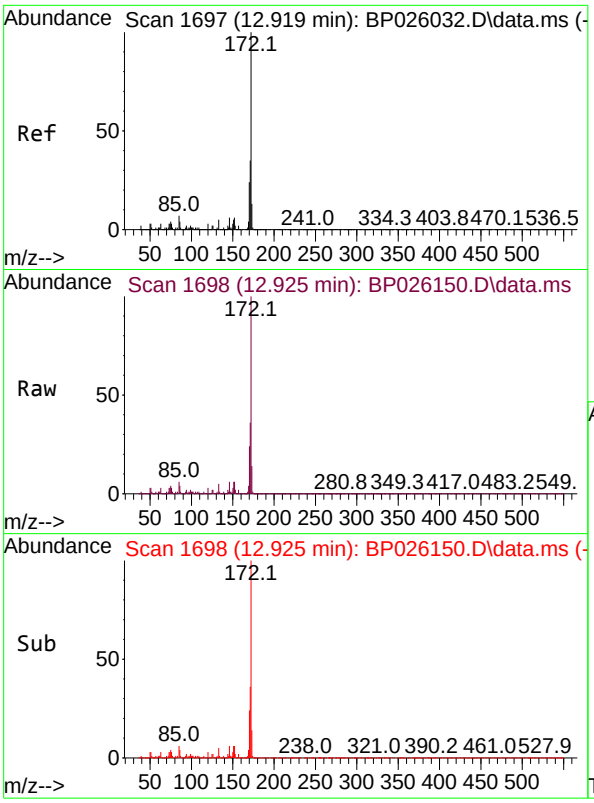



#44
2,4,5-Trichlorophenol
Concen: 80.887 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:196 Resp: 1713807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.4 | 114.6 |
| 97 | 45.0 | 35.7 | 53.5 |
| 132 | 27.1 | 20.8 | 31.2 |

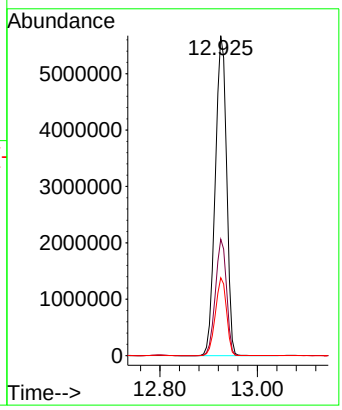





#45
2-Fluorobiphenyl
Concen: 145.791 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:172 Resp: 915626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 28.2 | 42.4 |
| 170 | 24.3 | 18.7 | 28.1 |




**Instrument :**
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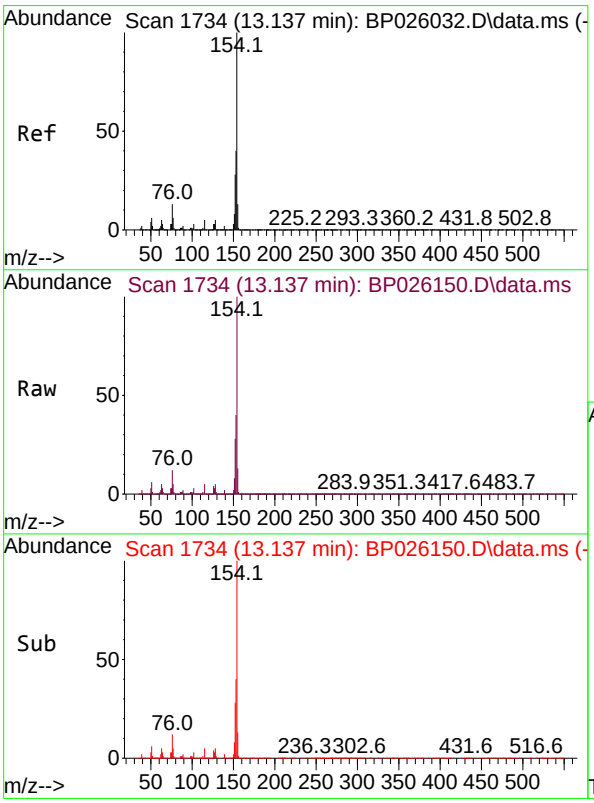
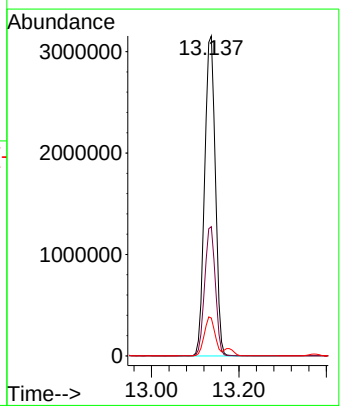
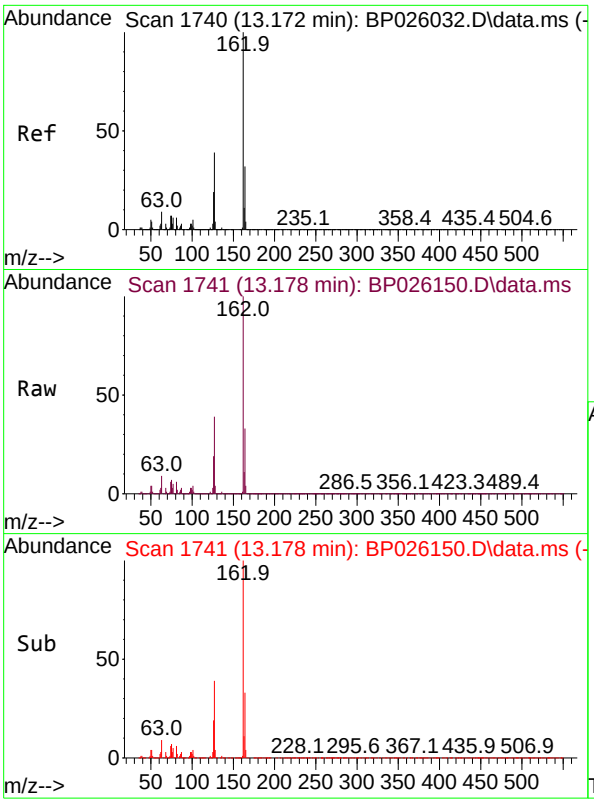



#46
1,1'-Biphenyl
Concen: 77.807 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:154 Resp: 5350939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.3 | 60.3 |
| 76 | 11.8 | 0.0 | 32.3 |

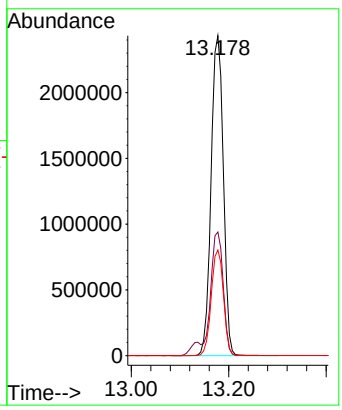





#47
2-Chloronaphthalene
Concen: 78.776 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:162 Resp: 425927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.6 | 30.9 | 46.3 |
| 164 | 33.0 | 26.4 | 39.6 |




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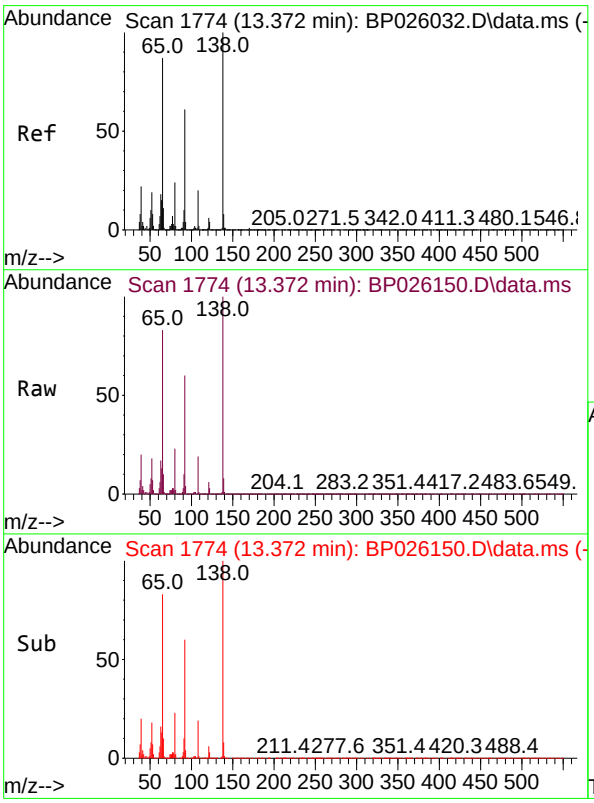
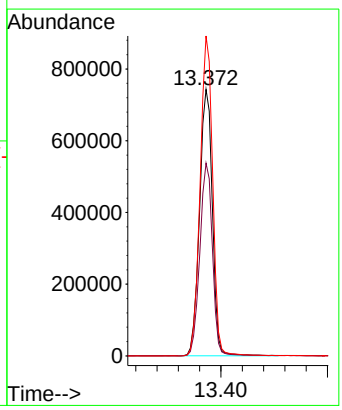
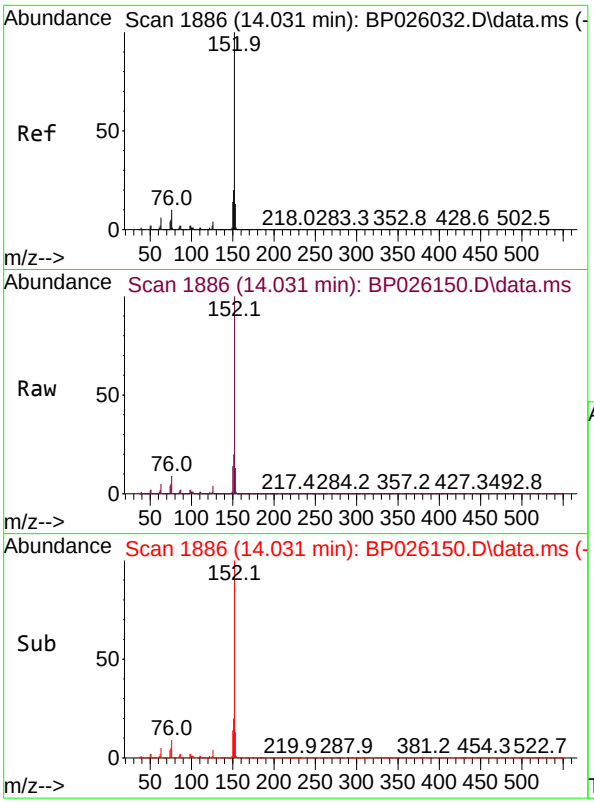



#48
2-Nitroaniline
Concen: 82.186 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 65 Resp: 1240952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.3 | 59.1 | 88.7 |
| 138 | 120.1 | 96.6 | 145.0 |

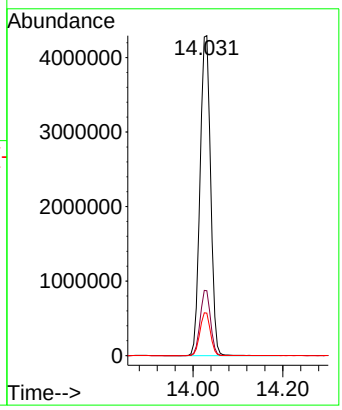





#49
Acenaphthylene
Concen: 78.077 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:152 Resp: 698460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.8 | 23.8 |
| 153 | 13.3 | 10.6 | 16.0 |




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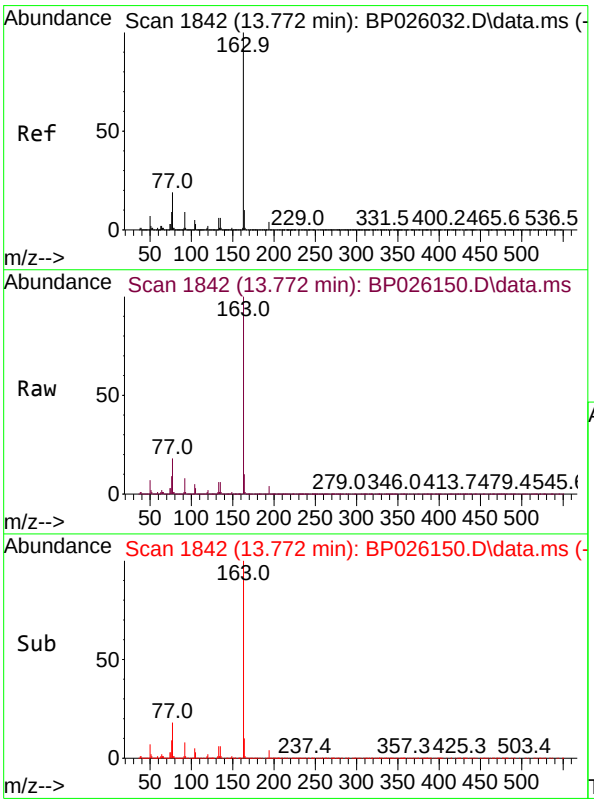
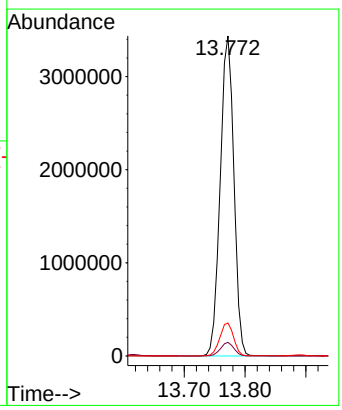
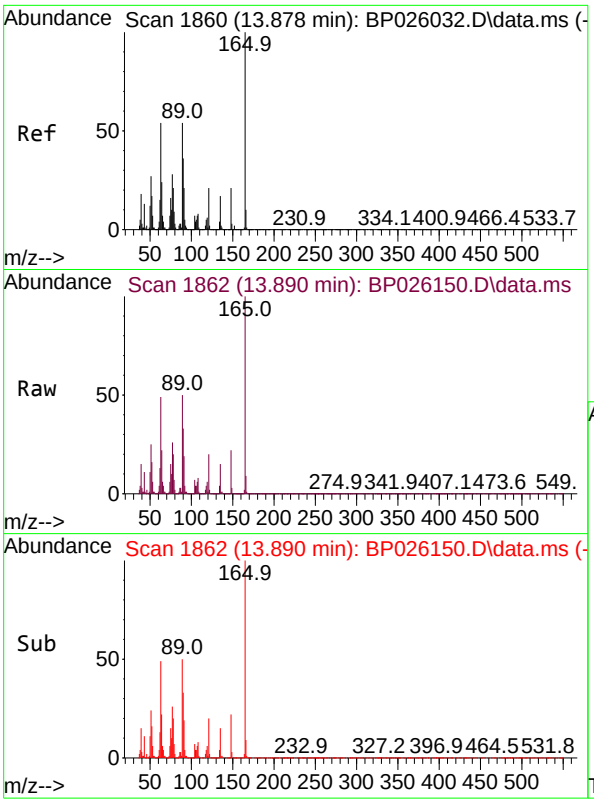



#50
Dimethylphthalate
Concen: 78.482 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:163 Resp: 5358389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.3 | 8.2 | 12.2 |

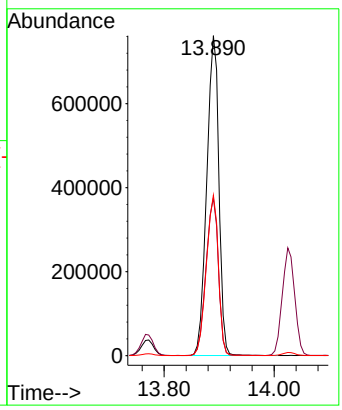





#51
2,6-Dinitrotoluene
Concen: 86.521 ng
RT: 13.890 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:165 Resp: 116822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.2 | 40.5 | 60.7 |
| 89 | 50.1 | 41.3 | 61.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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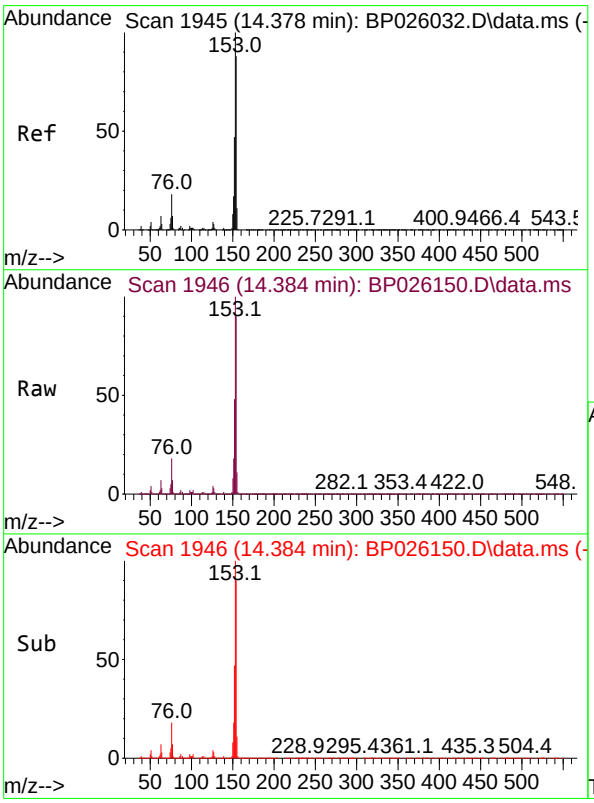
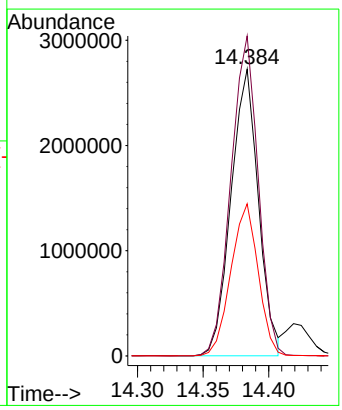
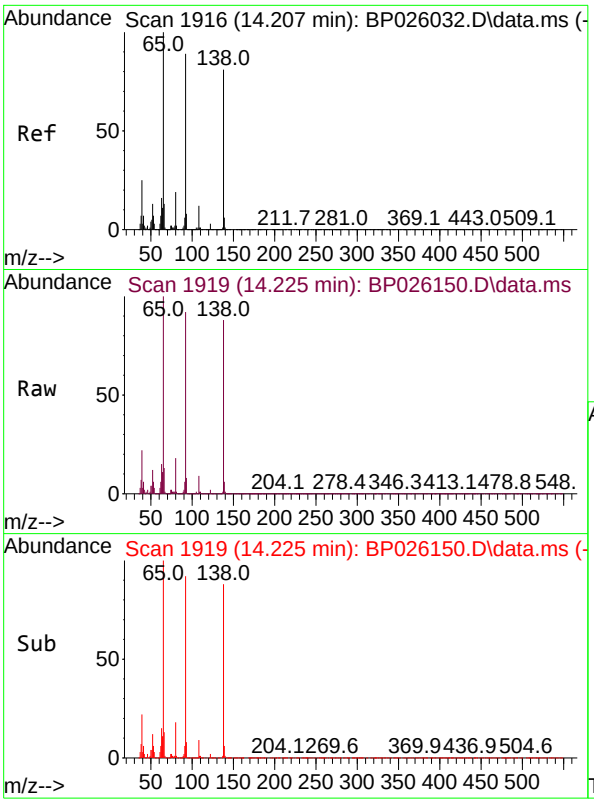



#52
Acenaphthene
Concen: 75.720 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:154 Resp: 3961645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.6 | 90.7 | 136.1 |
| 152 | 53.1 | 42.8 | 64.2 |

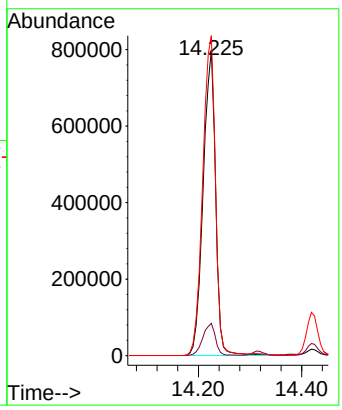





#53
3-Nitroaniline
Concen: 83.269 ng
RT: 14.225 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:138 Resp: 132819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.9 | 13.3 |
| 92 | 104.8 | 86.3 | 129.5 |




**Instrument :**
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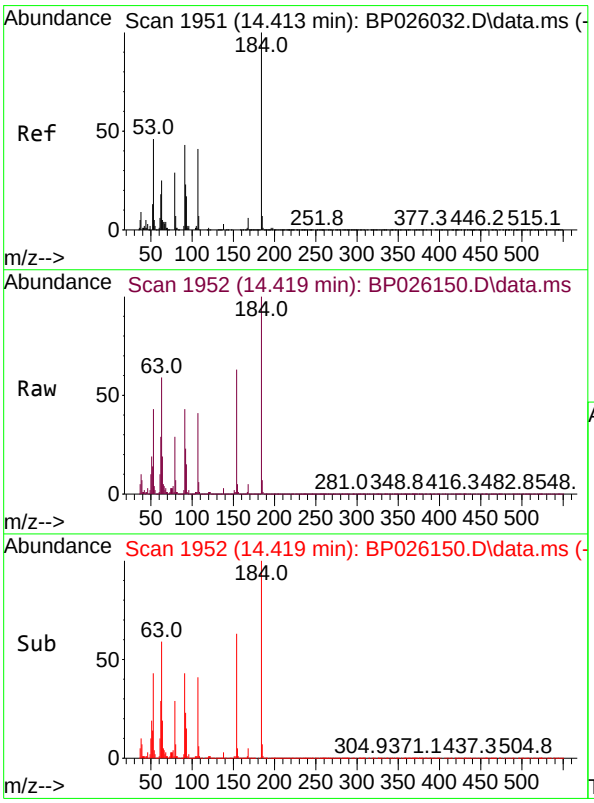
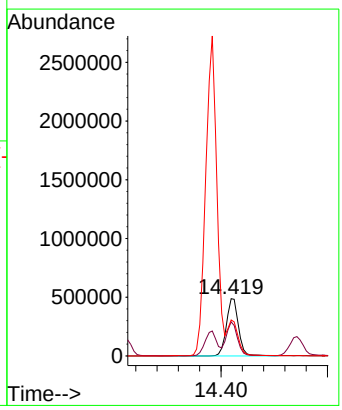
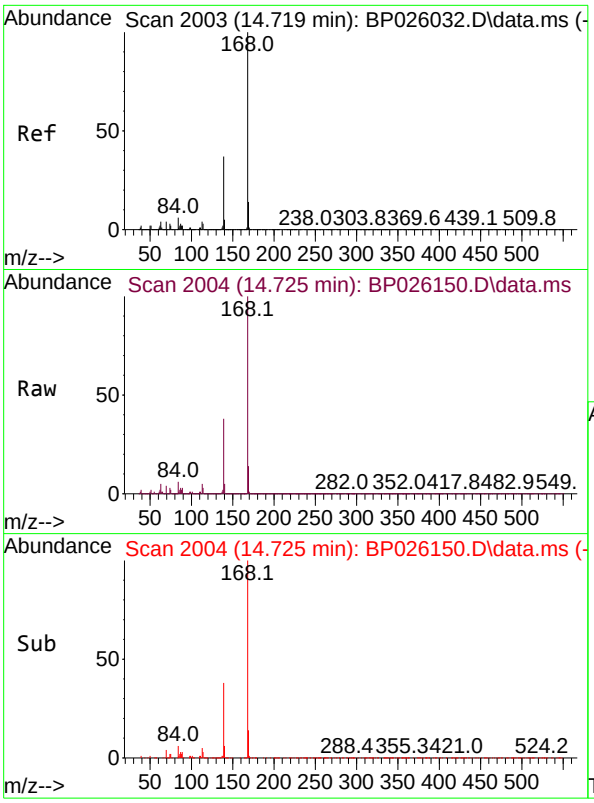



#54
2,4-Dinitrophenol
Concen: 94.087 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:184 Resp: 762088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 59.3 | 43.1 | 64.7 |
| 154 | 62.7 | 49.5 | 74.3 |

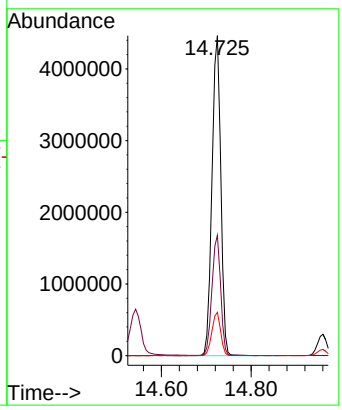





#55
Dibenzofuran
Concen: 74.160 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:168 Resp: 606339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.6 | 29.8 | 44.6 |
| 169 | 13.6 | 10.9 | 16.3 |




**Instrument :**
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**ClientSampleId :**
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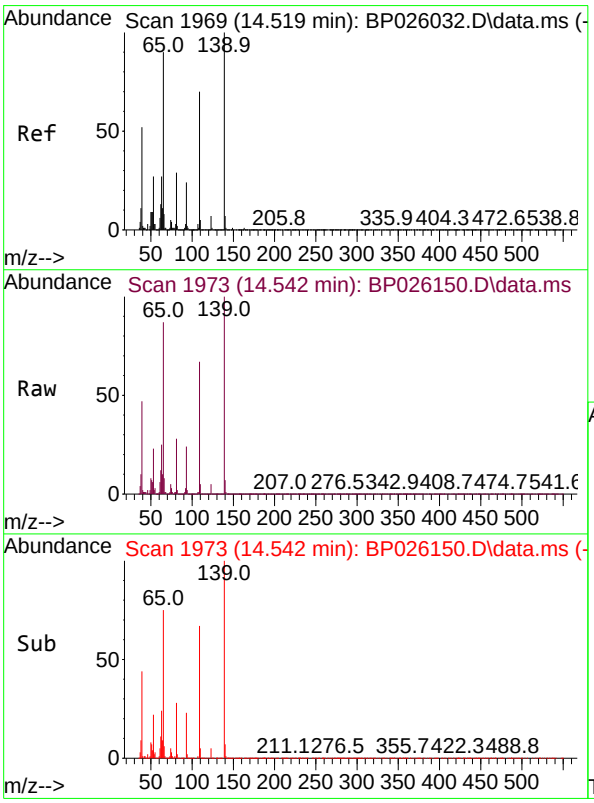
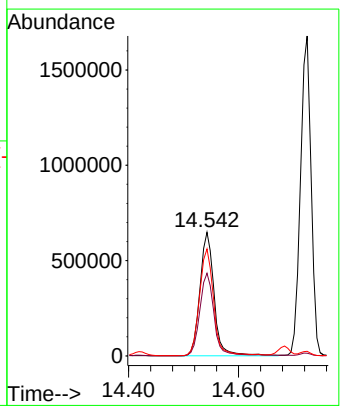
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

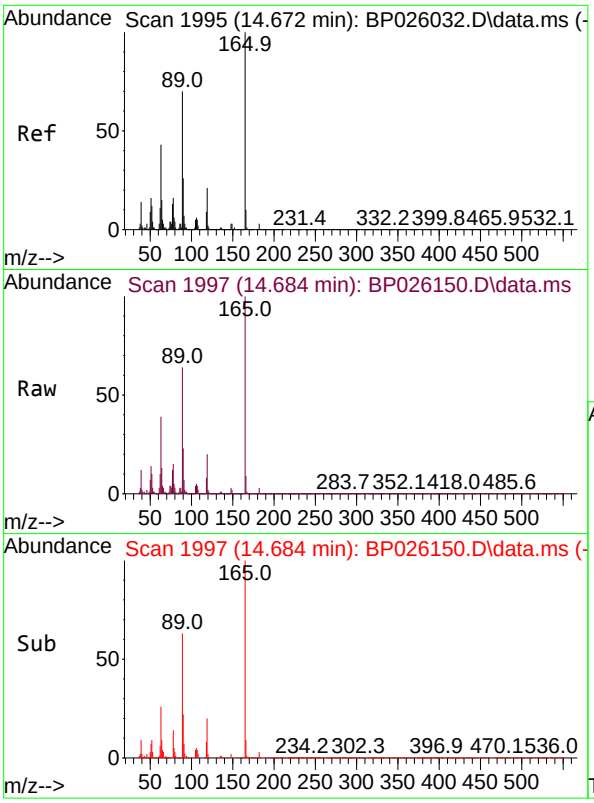



#56
4-Nitrophenol
Concen: 80.163 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:139 Resp: 1160755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.8 | 46.8 | 86.8 |
| 65 | 86.6 | 69.3 | 109.3 |

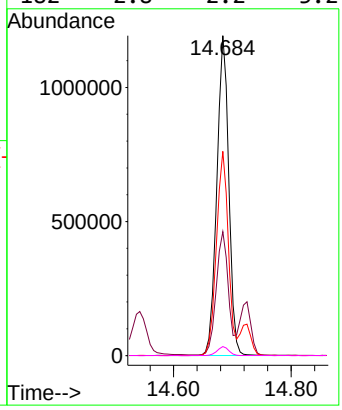





#57
2,4-Dinitrotoluene
Concen: 82.824 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:165 Resp: 168117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.7 | 31.0 | 46.6 |
| 89 | 63.8 | 51.7 | 77.5 |
| 182 | 2.8 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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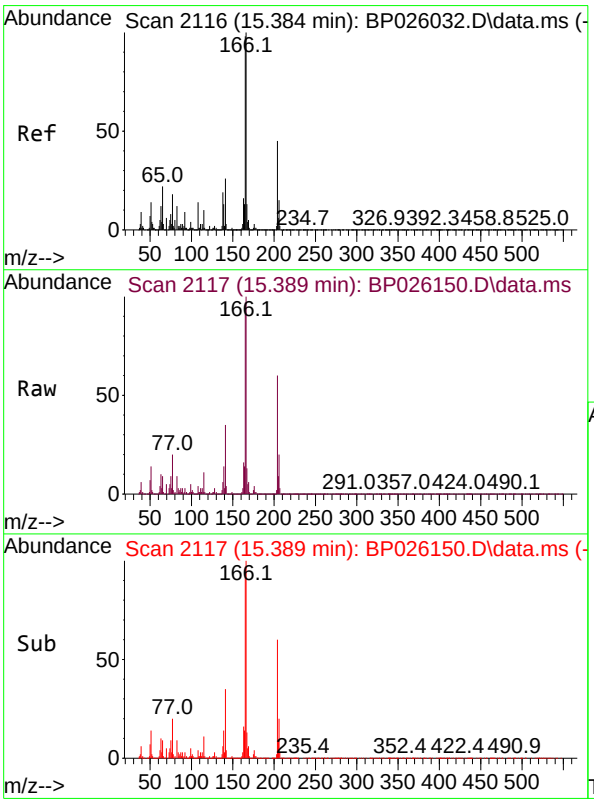
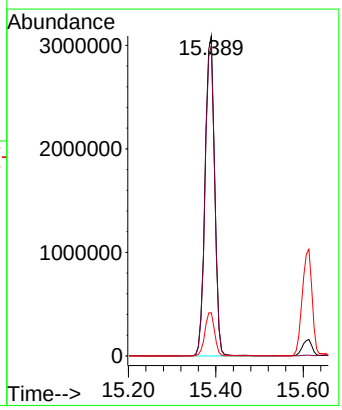
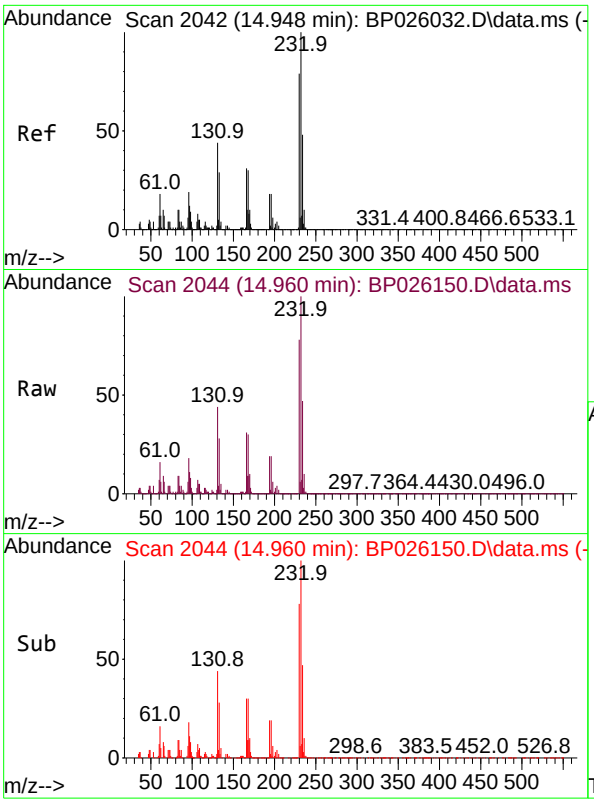



#58
Fluorene
Concen: 71.825 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:166 Resp: 4642250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 77.9 | 116.9 |
| 167 | 13.5 | 11.0 | 16.4 |

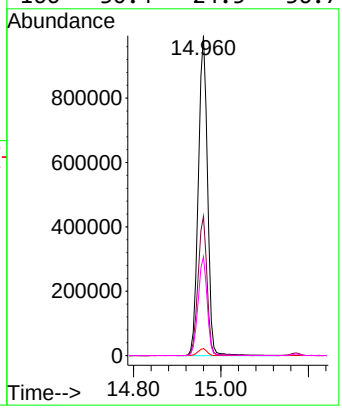





#59
2,3,4,6-Tetrachlorophenol
Concen: 80.377 ng
RT: 14.960 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:232 Resp: 144242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.4 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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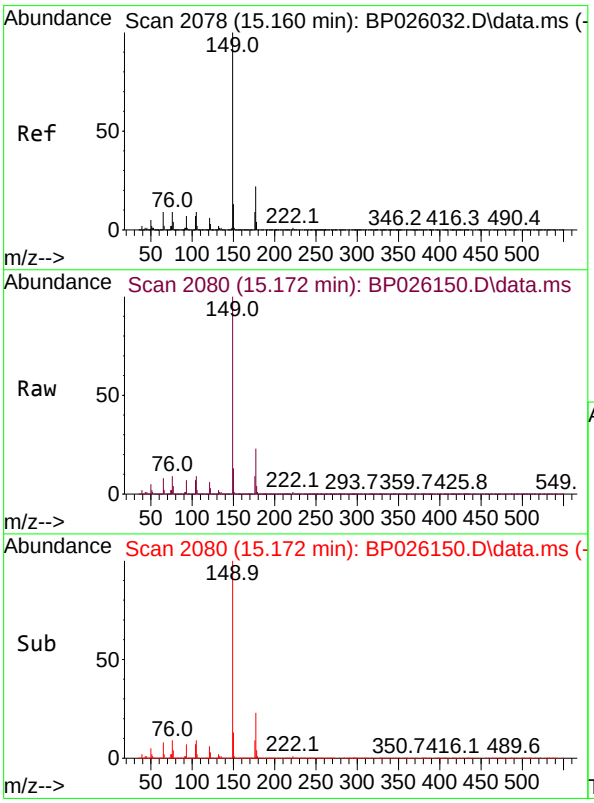
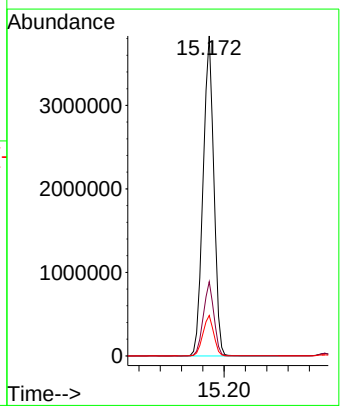
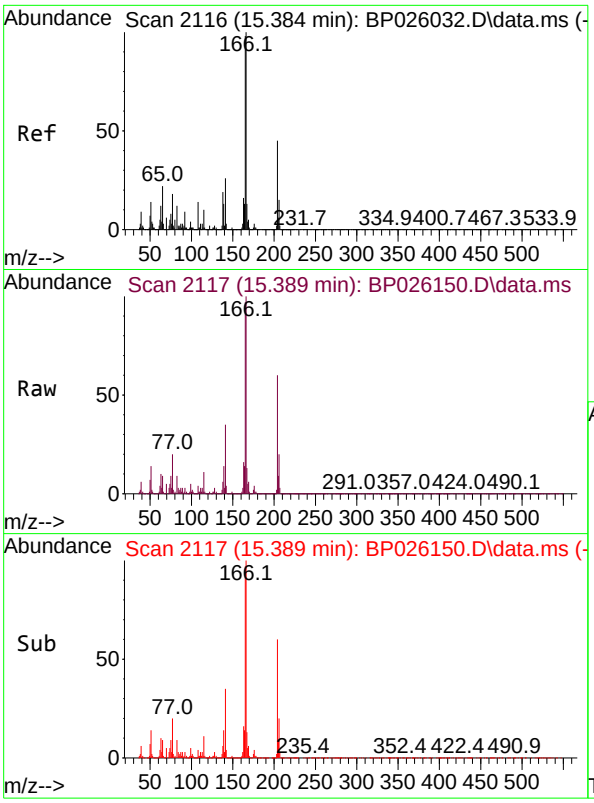



#60
Diethylphthalate
Concen: 77.587 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 5369309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 17.9 | 26.9 |
| 150 | 12.7 | 9.9 | 14.9 |

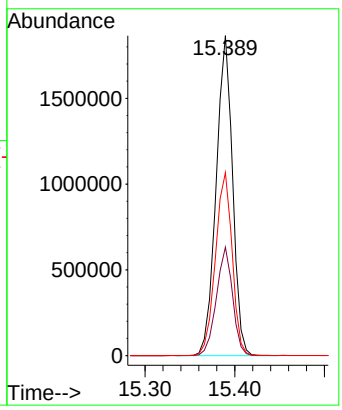





#61
4-Chlorophenyl-phenylether
Concen: 73.978 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:204 Resp: 237338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 26.2 | 39.2 |
| 141 | 57.2 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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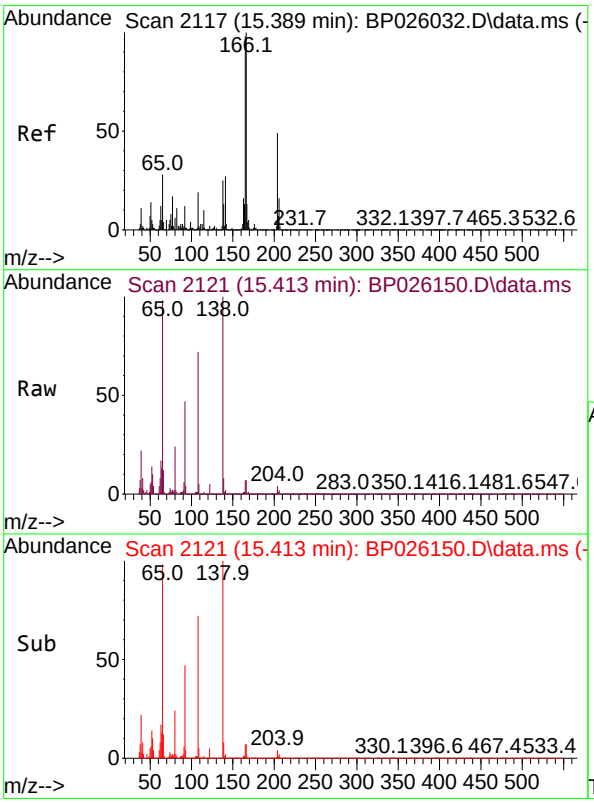
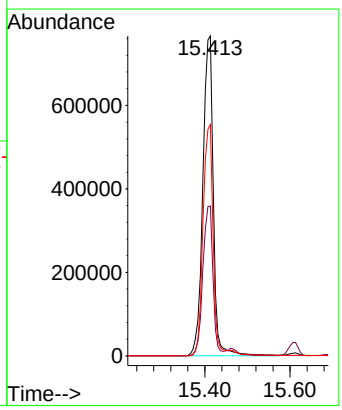
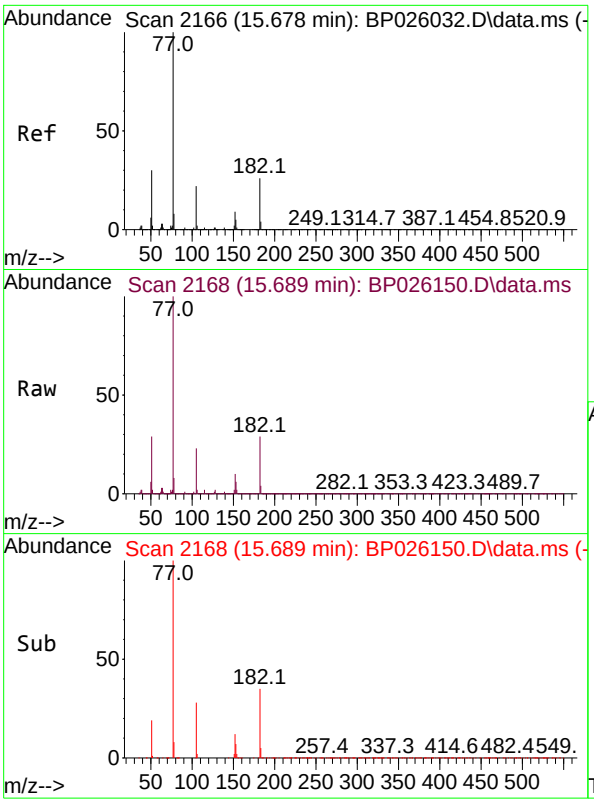



#62
4-Nitroaniline
Concen: 78.639 ng
RT: 15.413 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:138 Resp: 1312938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.8 | 27.5 | 67.5 |
| 108 | 72.3 | 51.1 | 91.1 |

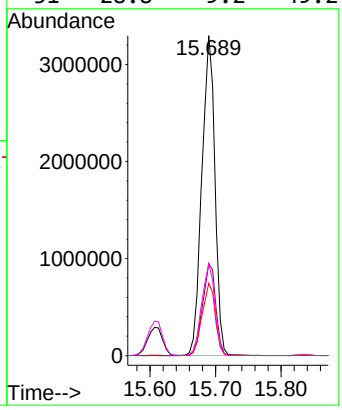





#63
Azobenzene
Concen: 78.140 ng
RT: 15.689 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 454320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.7 | 8.8 | 48.8 |
| 105 | 22.6 | 2.6 | 42.6 |
| 51 | 28.8 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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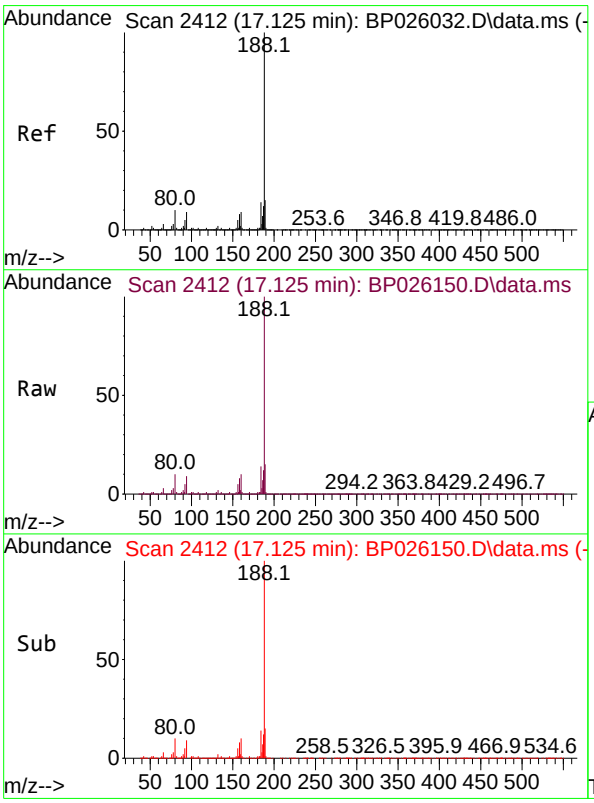
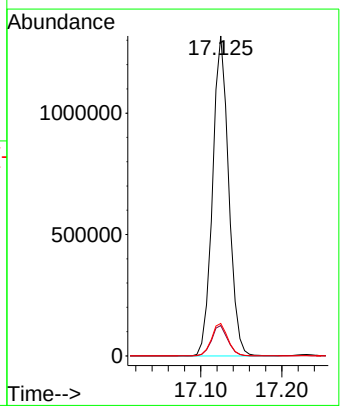
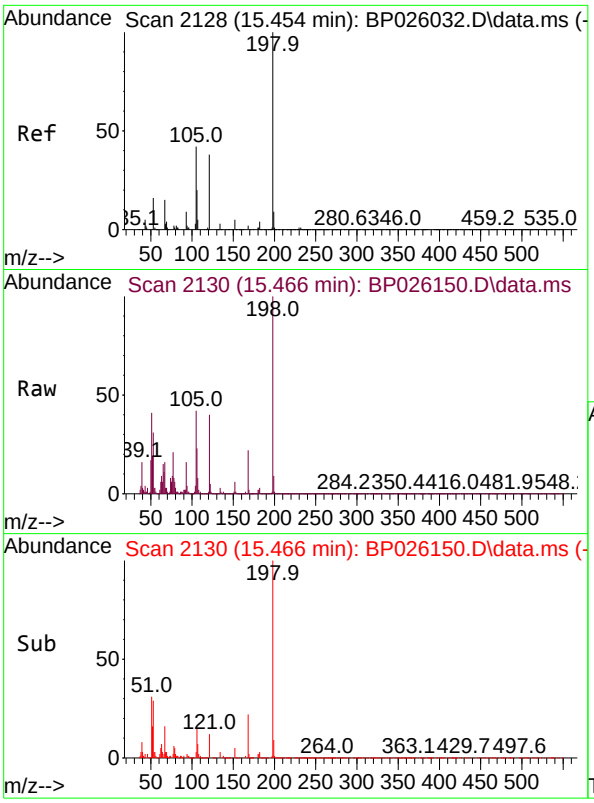



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:188 Resp: 1816815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 7.8 | 11.6 |
| 80 | 10.1 | 8.2 | 12.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 89.911 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:198 Resp: 102796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.9 | 18.4 | 58.4 |
| 105 | 41.8 | 18.5 | 58.5 |

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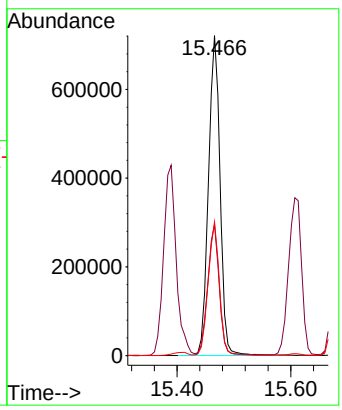
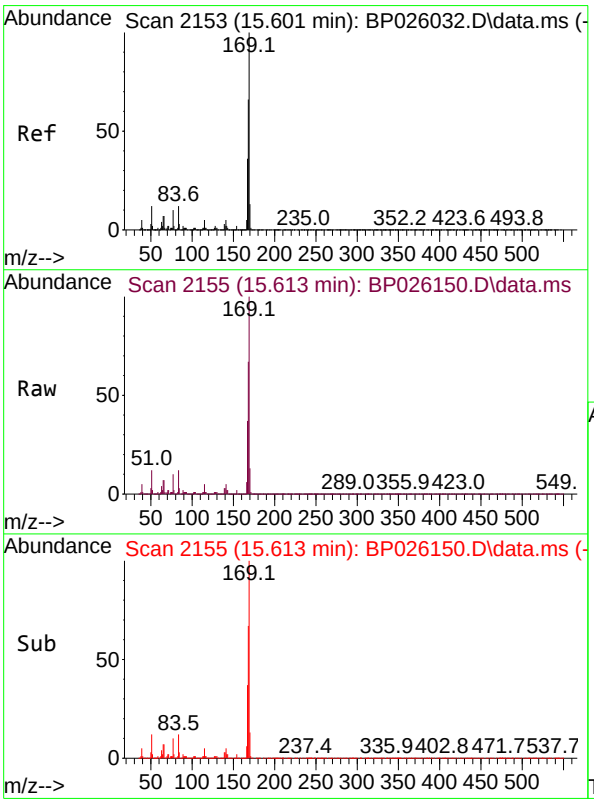
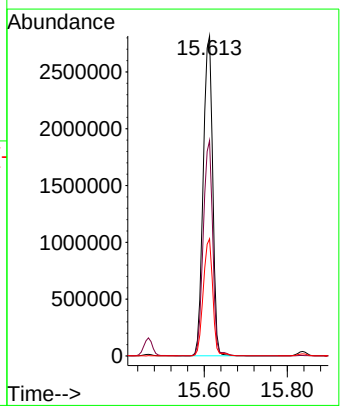


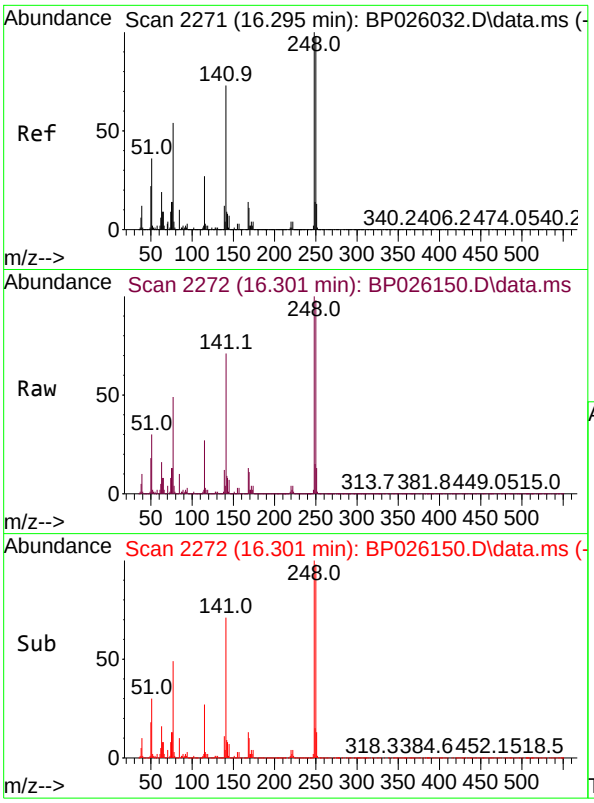




#66
n-Nitrosodiphenylamine
Concen: 78.838 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:169 Resp: 4431692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 53.1 | 79.7 |
| 167 | 36.6 | 28.9 | 43.3 |

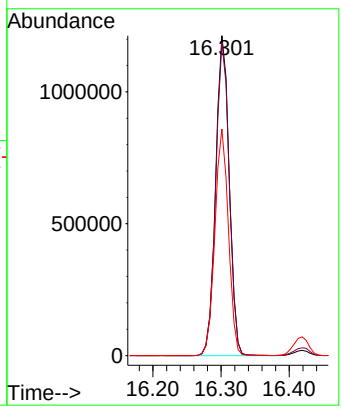





#67
4-Bromophenyl-phenylether
Concen: 82.958 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:248 Resp: 166561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 77.8 | 116.6 |
| 141 | 70.8 | 55.4 | 83.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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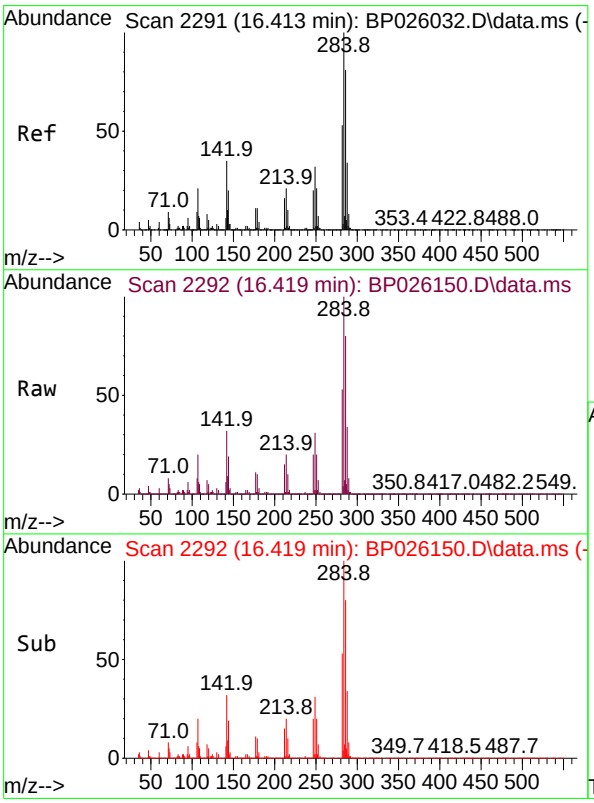
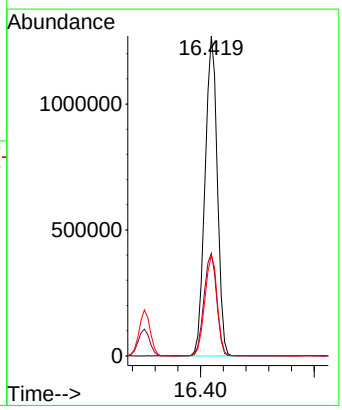
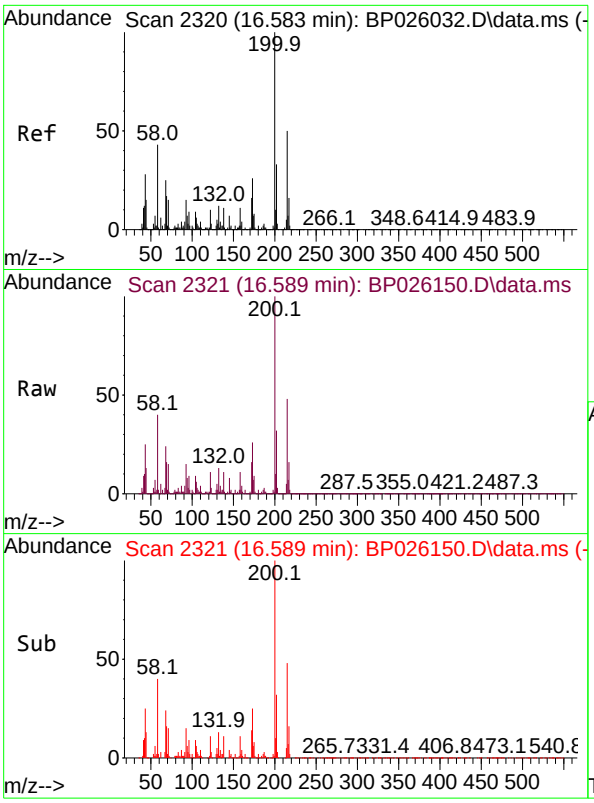



#68
Hexachlorobenzene
Concen: 82.547 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:284 Resp: 1914891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.0 | 28.0 | 42.0 |
| 249 | 31.4 | 25.0 | 37.4 |






#69
Atrazine
Concen: 81.486 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:200 Resp: 172486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.1 | 6.7 | 46.7 |
| 215 | 48.0 | 27.4 | 67.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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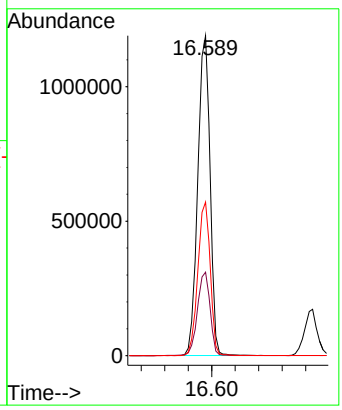
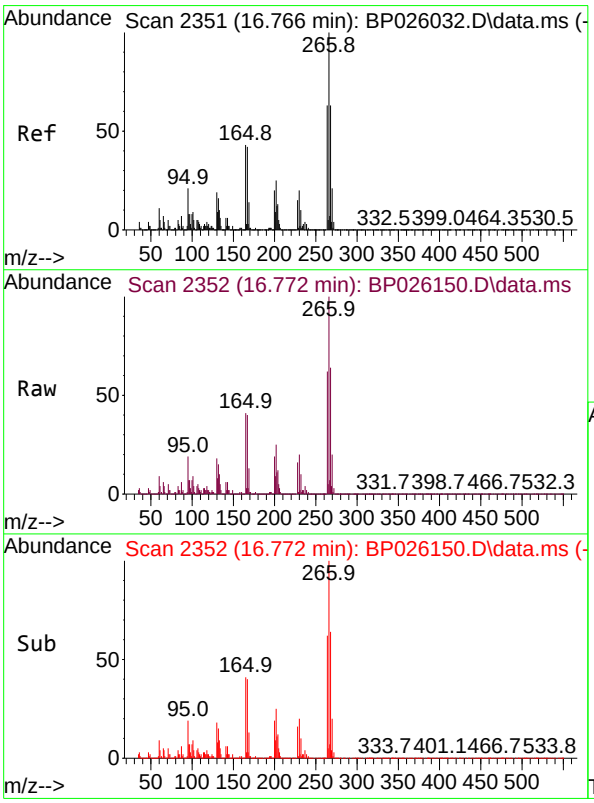
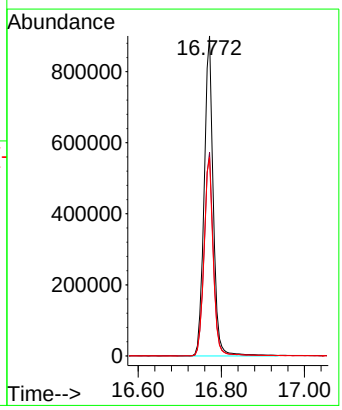


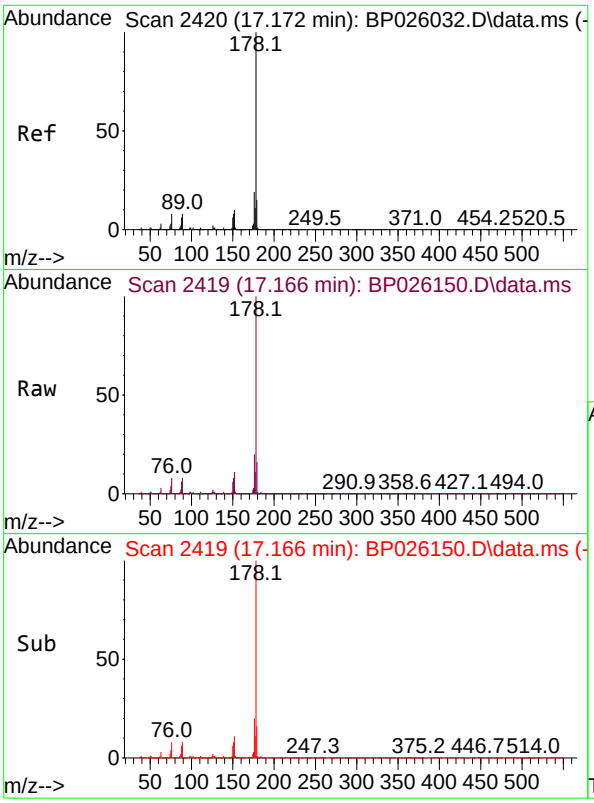




#70
Pentachlorophenol
Concen: 83.671 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:266 Resp: 1361754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.0 | 76.4 |
| 264 | 62.1 | 50.2 | 75.2 |






#71
Phenanthrene
Concen: 76.873 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:178 Resp: 790140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.4 | 23.2 |
| 179 | 15.9 | 12.4 | 18.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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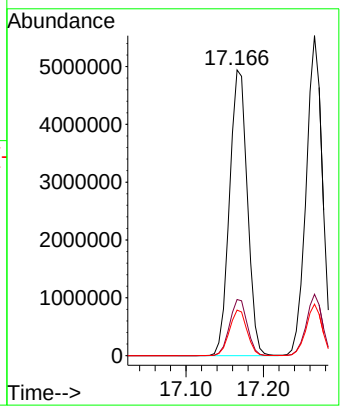
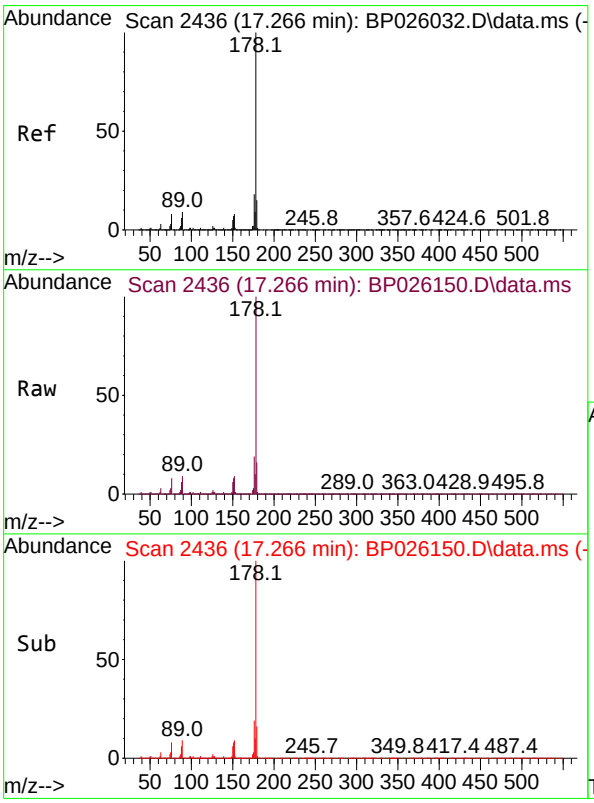
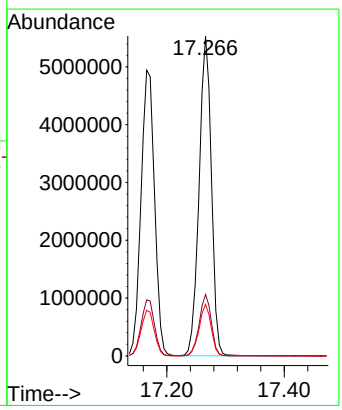


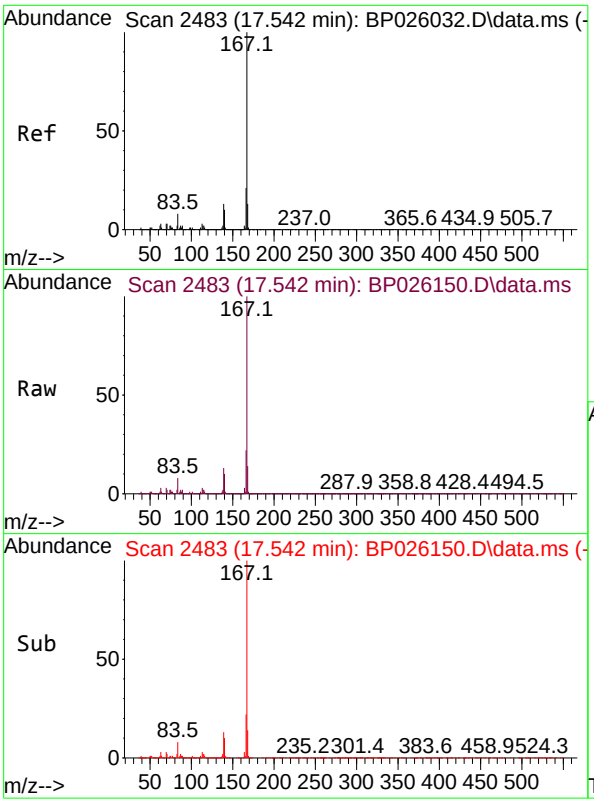




#72
Anthracene
Concen: 76.308 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:178 Resp: 8010628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 14.8 | 22.2 |
| 179 | 16.1 | 12.2 | 18.4 |






#73
Carbazole
Concen: 75.335 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:167 Resp: 748175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 17.1 | 25.7 |
| 139 | 13.4 | 10.2 | 15.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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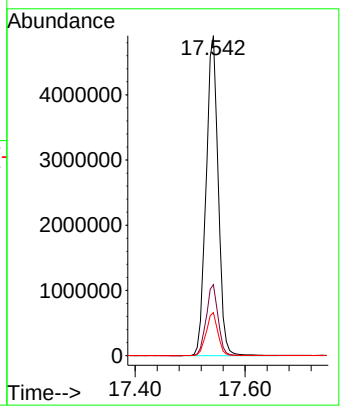
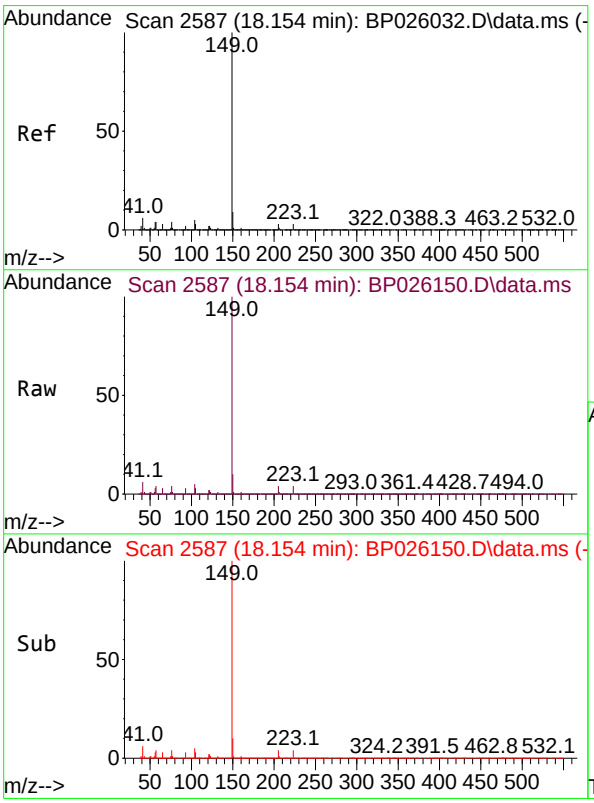
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

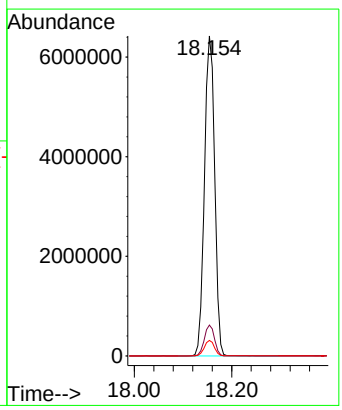


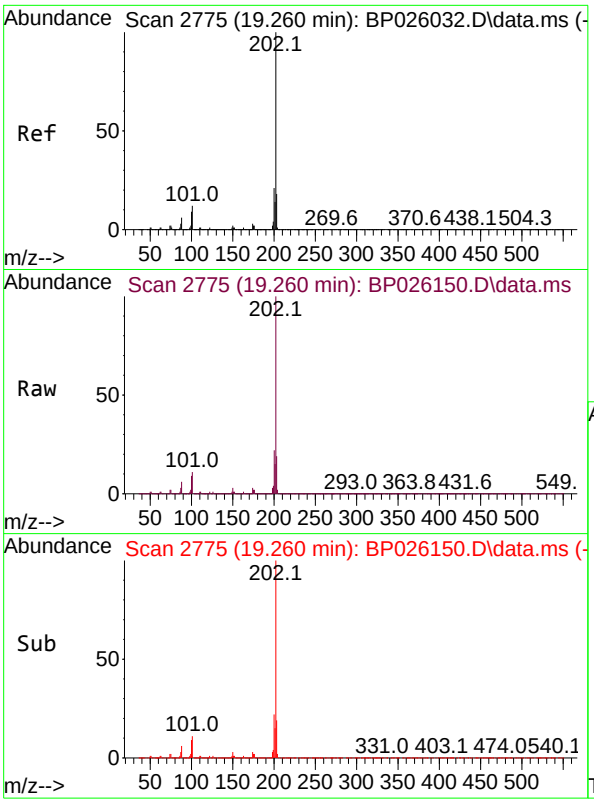




#74
Di-n-butylphthalate
Concen: 79.539 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 9375432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.5 | 11.3 |
| 104 | 4.8 | 3.6 | 5.4 |

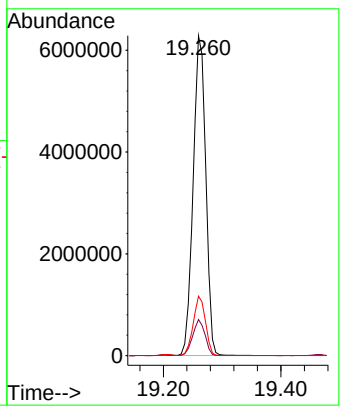





#75
Fluoranthene
Concen: 74.439 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:202 Resp: 935156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.3 | 0.0 | 31.2 |
| 203 | 18.6 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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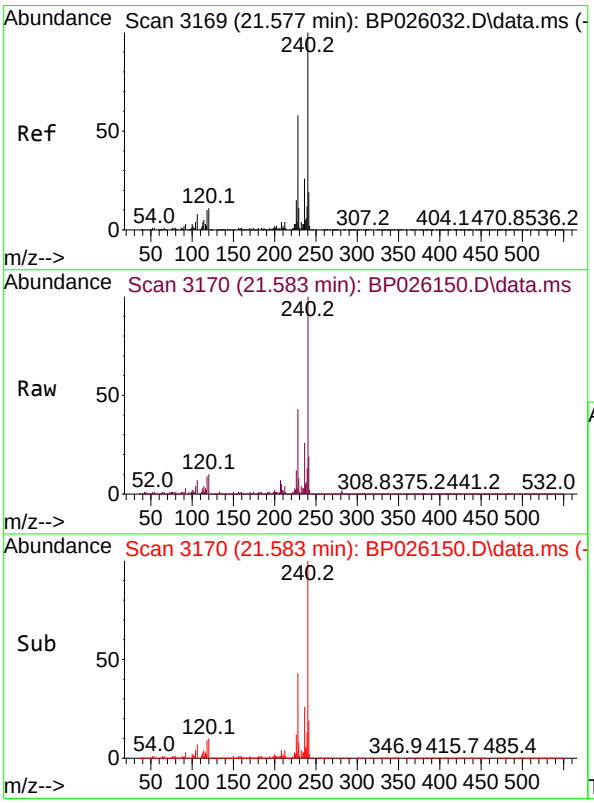
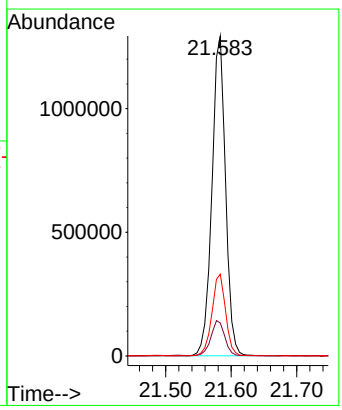
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

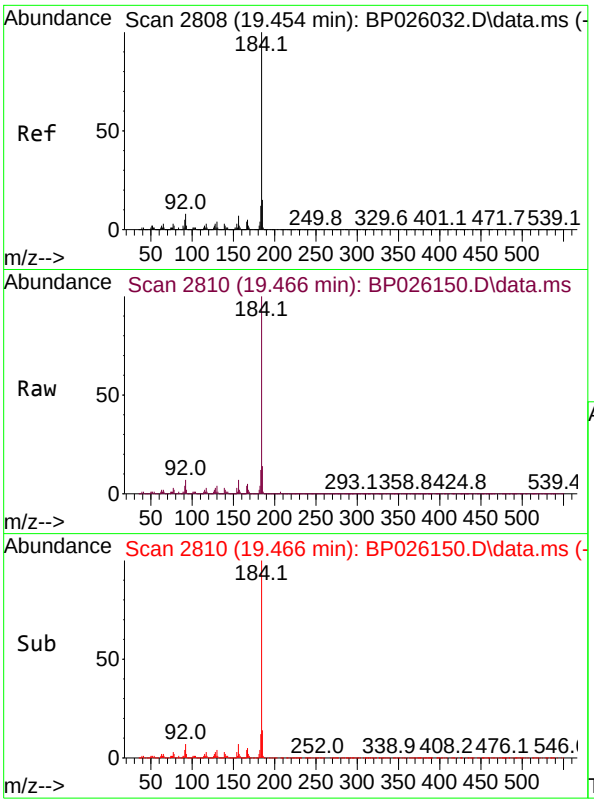



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:240 Resp: 1872355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 9.0 | 13.4 |
| 236 | 25.5 | 20.4 | 30.6 |

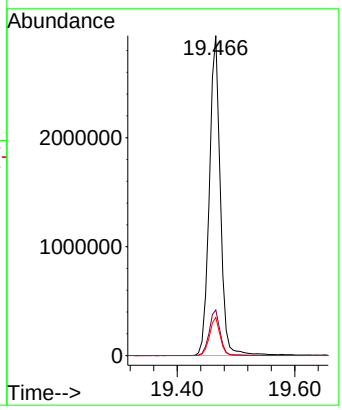





#77
Benzidine
Concen: 65.974 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:184 Resp: 380226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.3 | 16.9 |
| 183 | 11.9 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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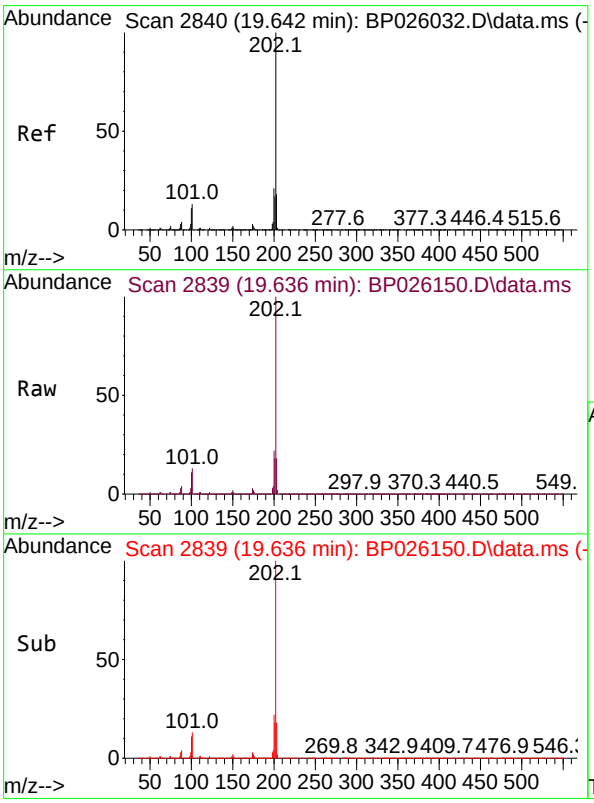
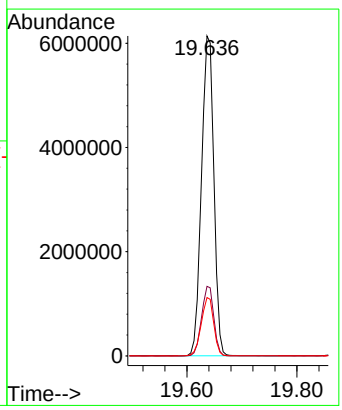
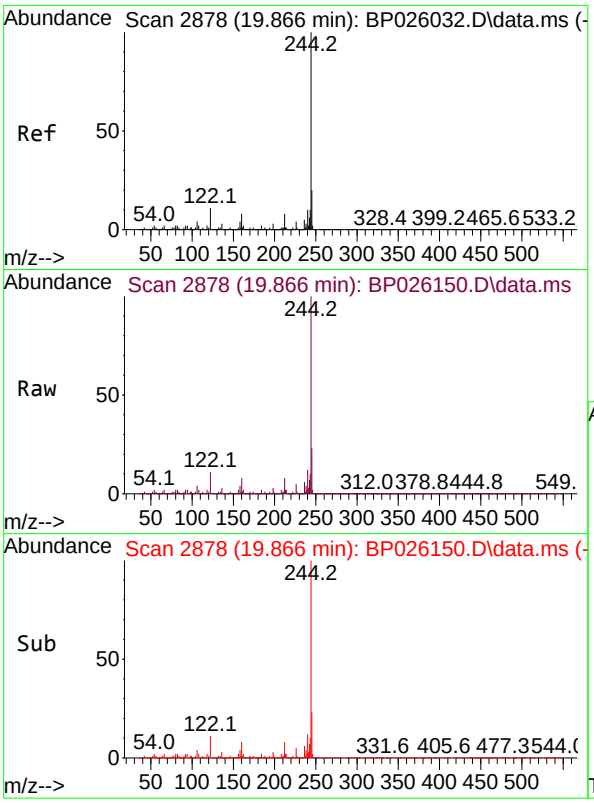



#78
Pyrene
Concen: 78.406 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:202 Resp: 9565086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 16.9 | 25.3 |
| 203 | 18.2 | 13.8 | 20.8 |






#79
Terphenyl-d14
Concen: 141.200 ng
RT: 19.866 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:244 Resp:1296444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 5.8 | 8.8 |
| 122 | 10.5 | 8.2 | 12.2 |

**Manual Integrations**
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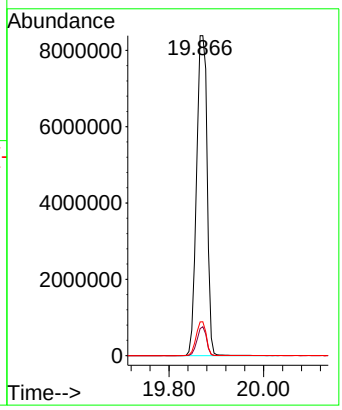
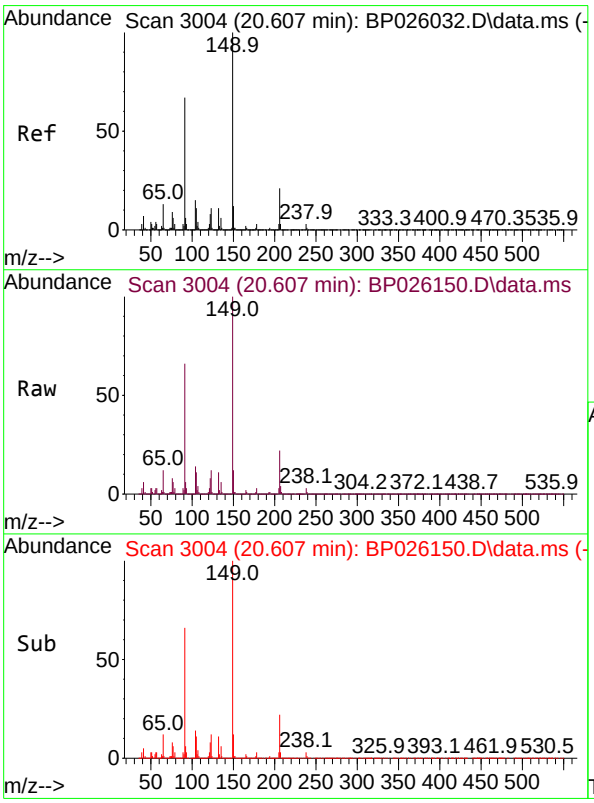
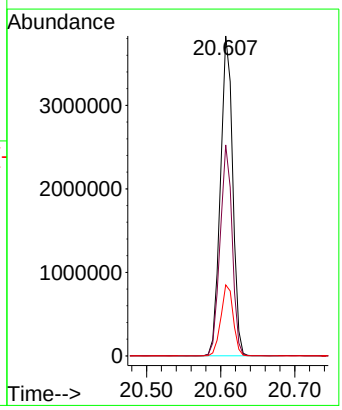


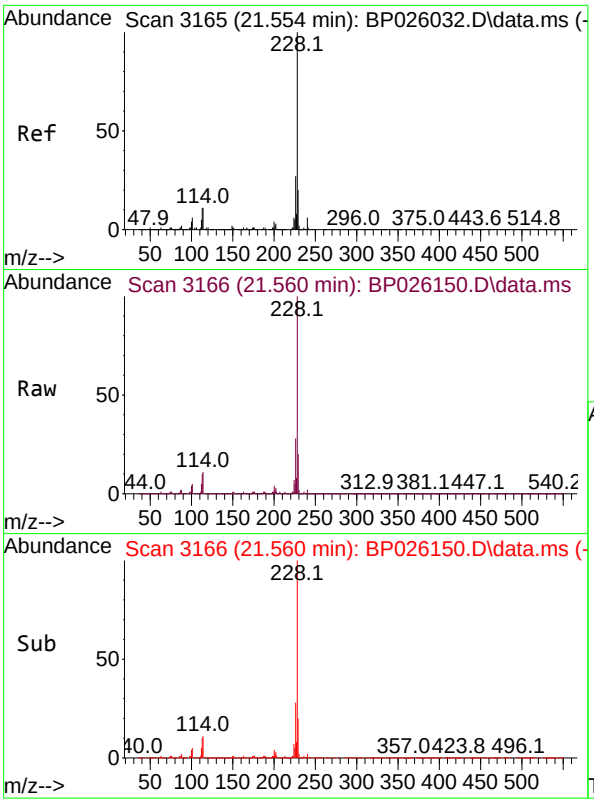




#80
Butylbenzylphthalate
Concen: 80.859 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 4393302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.9 | 52.6 | 79.0 |
| 206 | 22.2 | 16.9 | 25.3 |

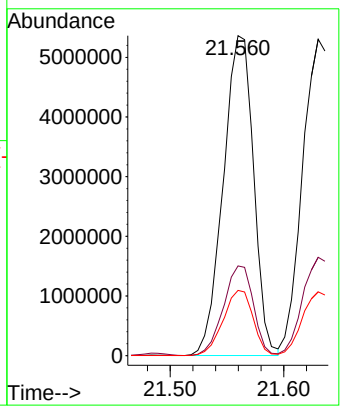





#81
Benzo(a)anthracene
Concen: 77.479 ng
RT: 21.560 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:228 Resp: 994914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 21.8 | 32.8 |
| 229 | 20.4 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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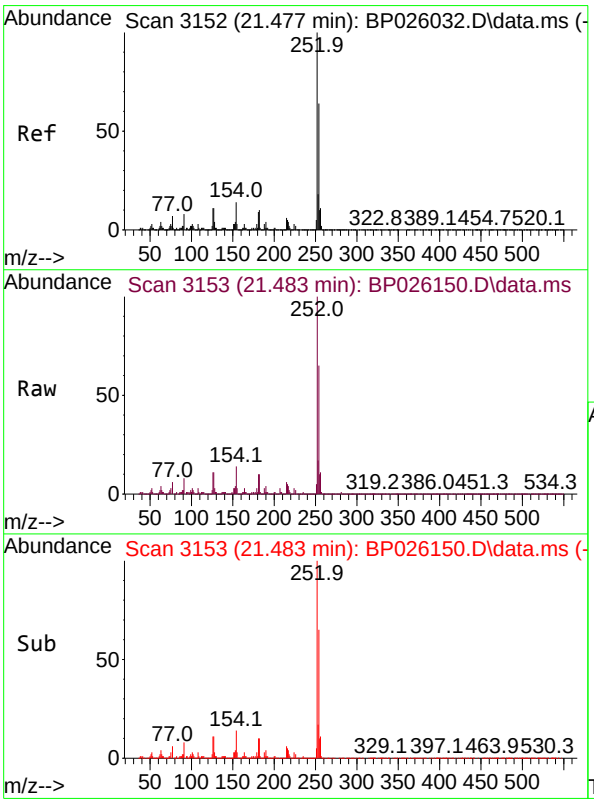
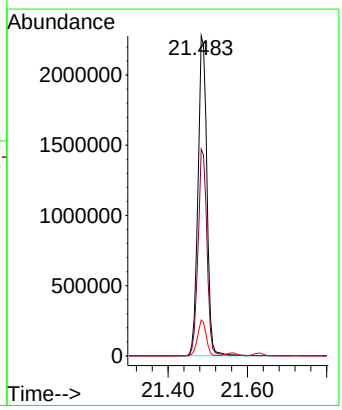
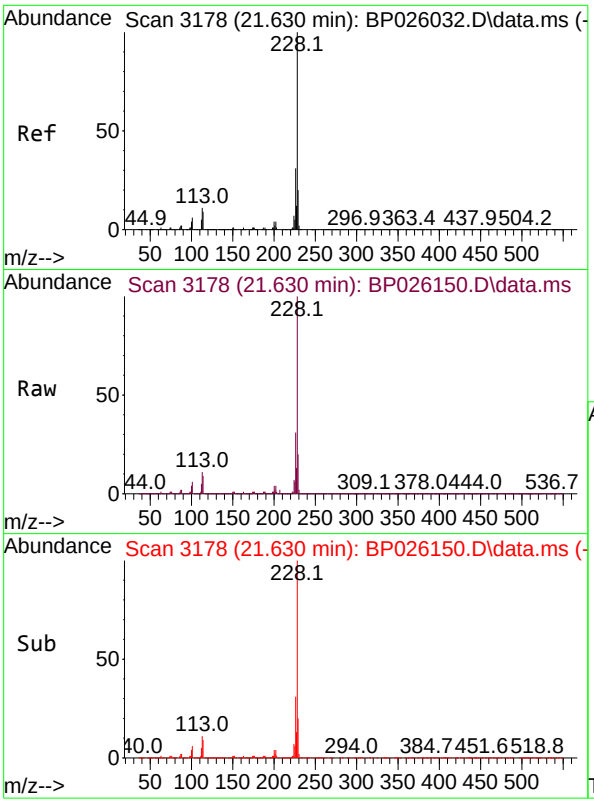



#82
3,3'-Dichlorobenzidine
Concen: 76.221 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp: 3556791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.2 | 76.8 |
| 126 | 11.2 | 8.2 | 12.4 |

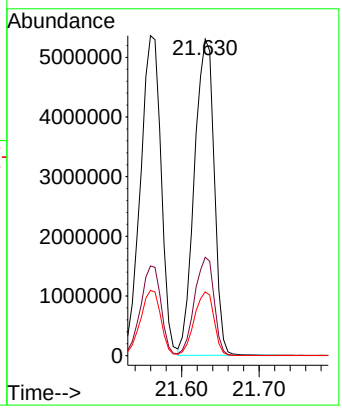





#83
Chrysene
Concen: 77.856 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:228 Resp: 941234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 23.9 | 35.9 |
| 229 | 20.2 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

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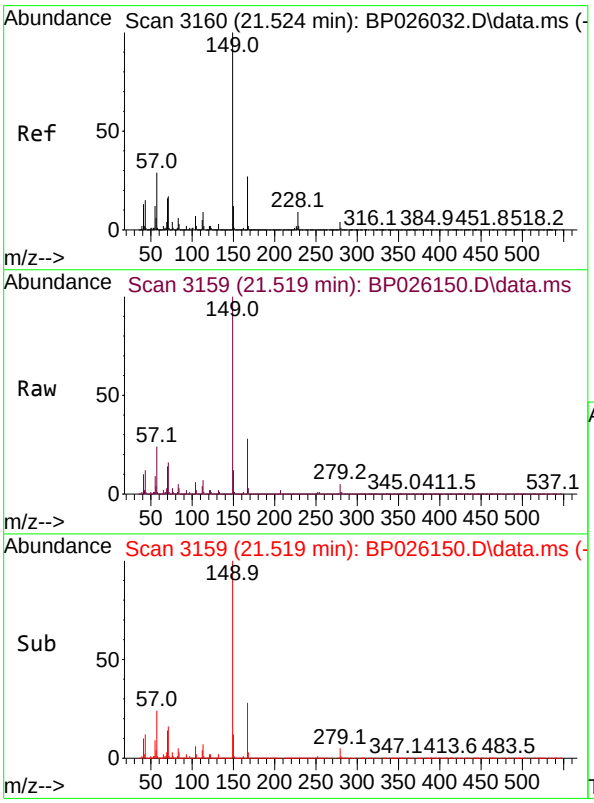
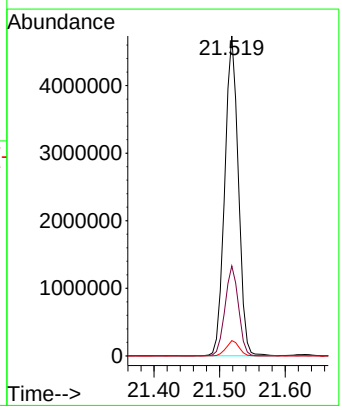
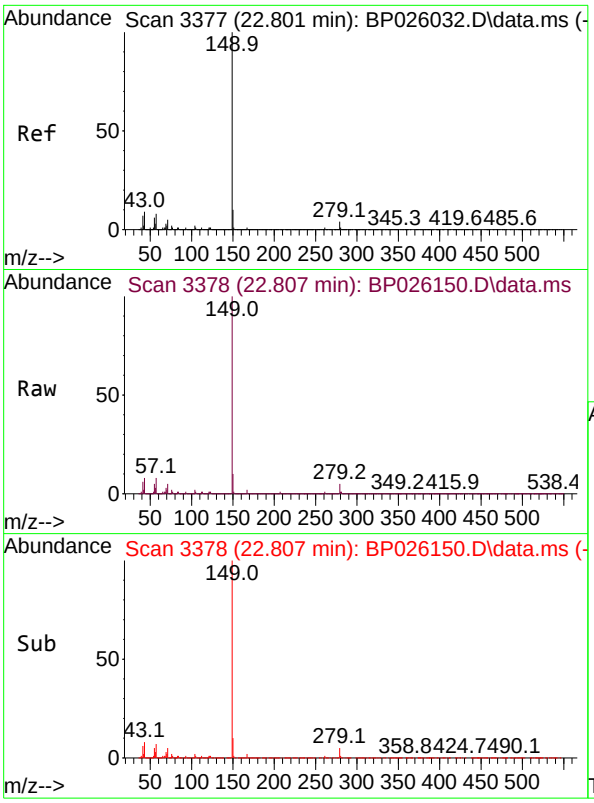



#84
Bis(2-ethylhexyl)phthalate
Concen: 83.686 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 6825162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.1 | 33.1 |
| 279 | 4.8 | 3.3 | 4.9 |

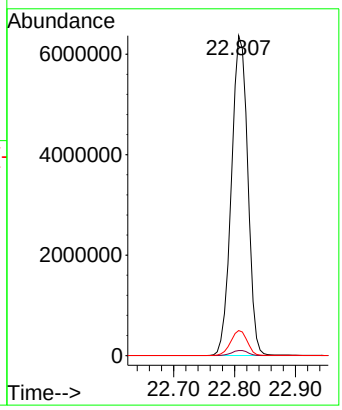





#85
Di-n-octyl phthalate
Concen: 82.666 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp:1186472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.9 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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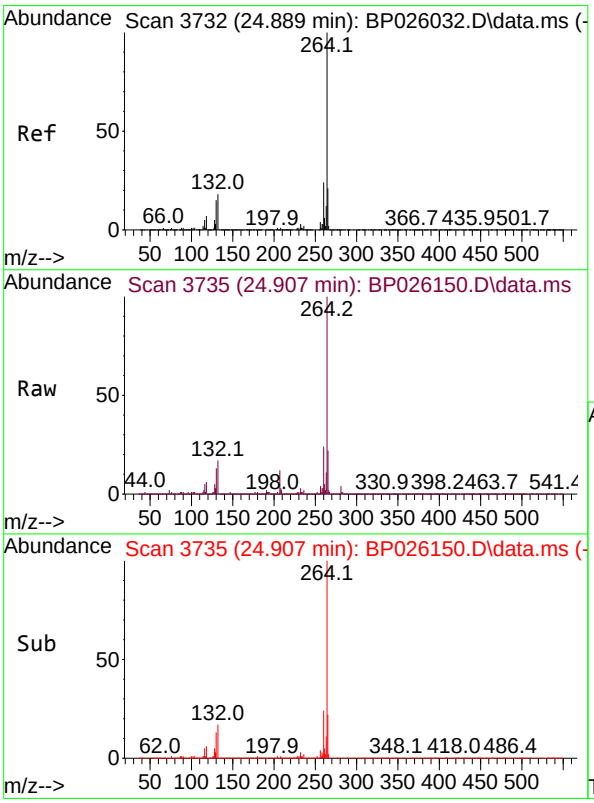
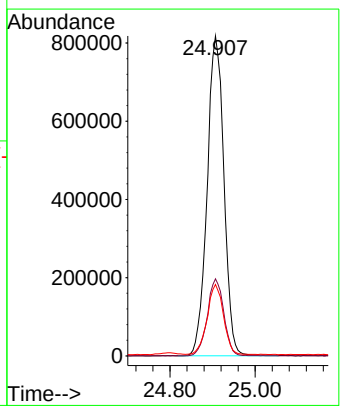
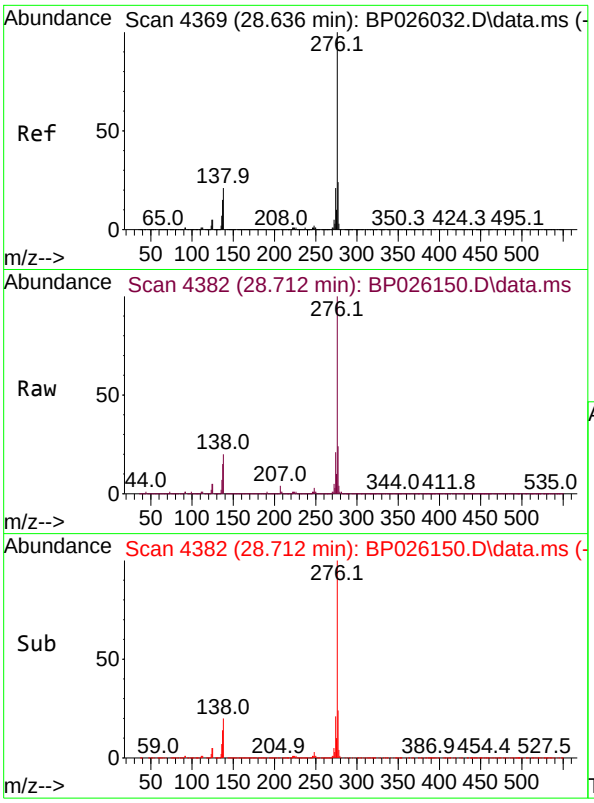



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:264 Resp: 2234365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.7 | 28.1 |
| 265 | 22.3 | 17.5 | 26.3 |

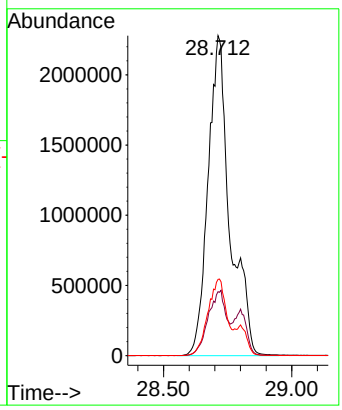





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.129 ng m
RT: 28.712 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:276 Resp:1350425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.8 | 13.8 | 20.8 |
| 277 | 20.3 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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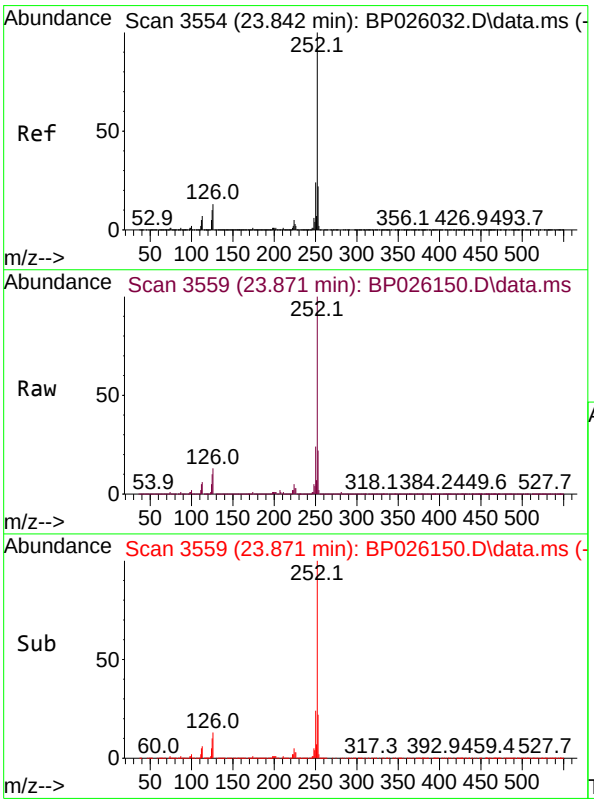
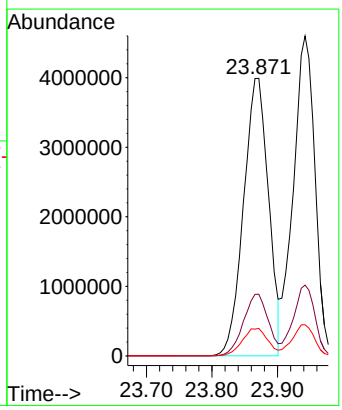
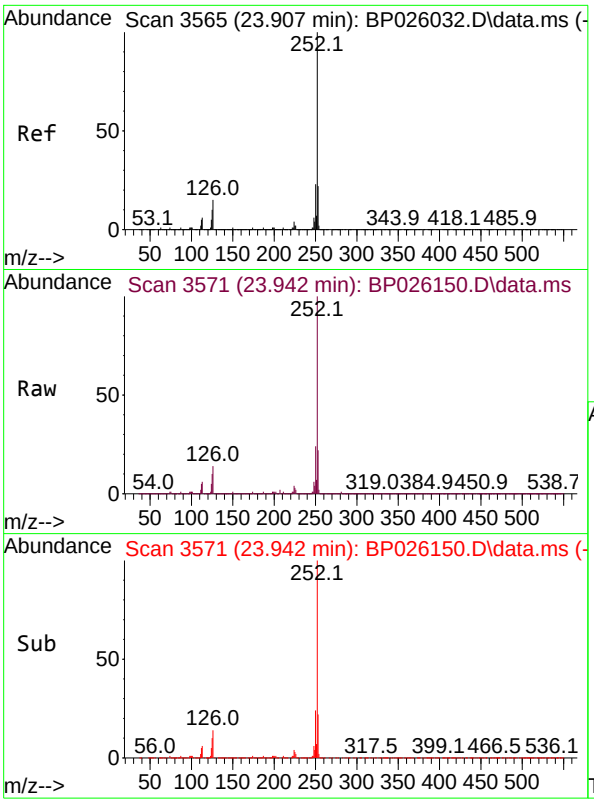



#88
Benzo(b)fluoranthene
Concen: 77.620 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp:10544016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 9.9 | 8.2 | 12.4 |

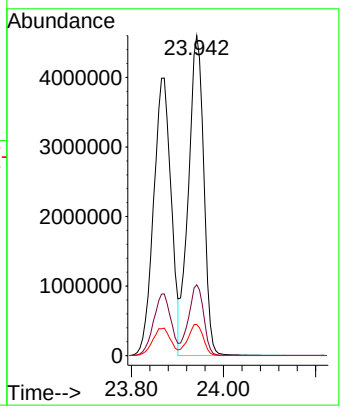





#89
Benzo(k)fluoranthene
Concen: 78.288 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp:1062866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 9.7 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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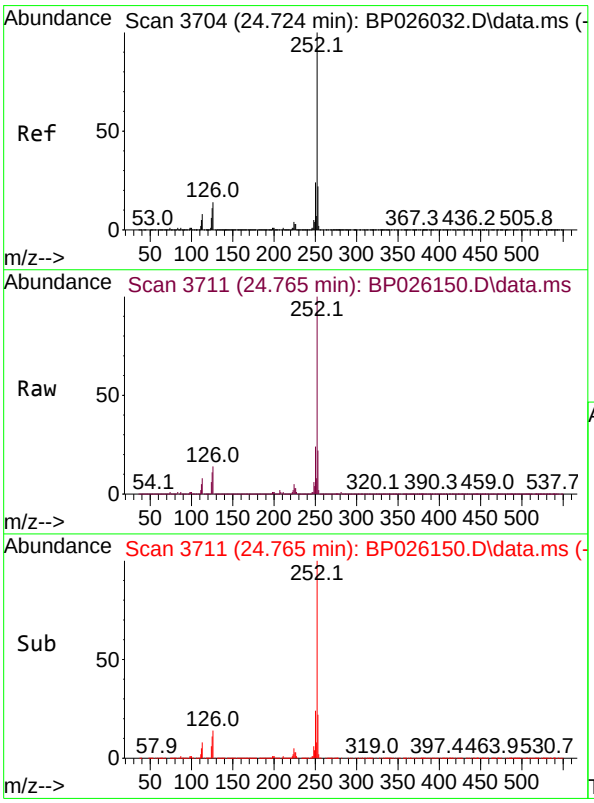
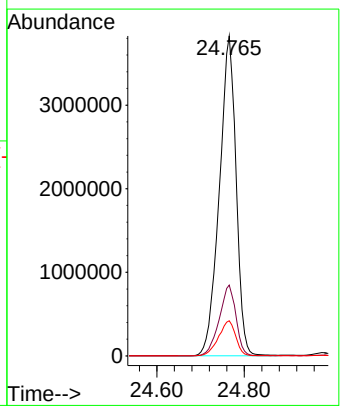
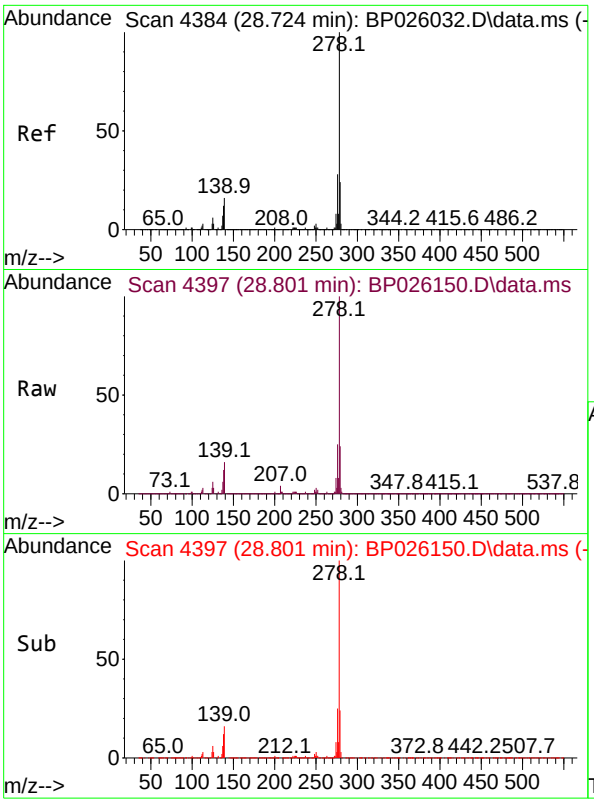



#90
Benzo(a)pyrene
Concen: 79.216 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp:10207772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.4 | 26.2 |
| 125 | 11.0 | 9.0 | 13.6 |

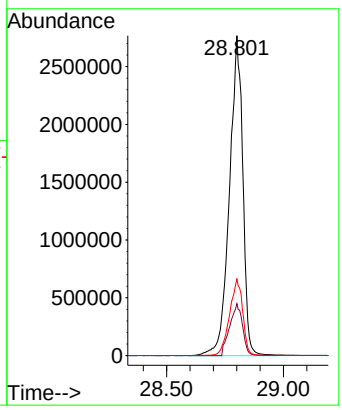





#91
Dibenzo(a,h)anthracene
Concen: 80.721 ng
RT: 28.801 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:278 Resp:1101203

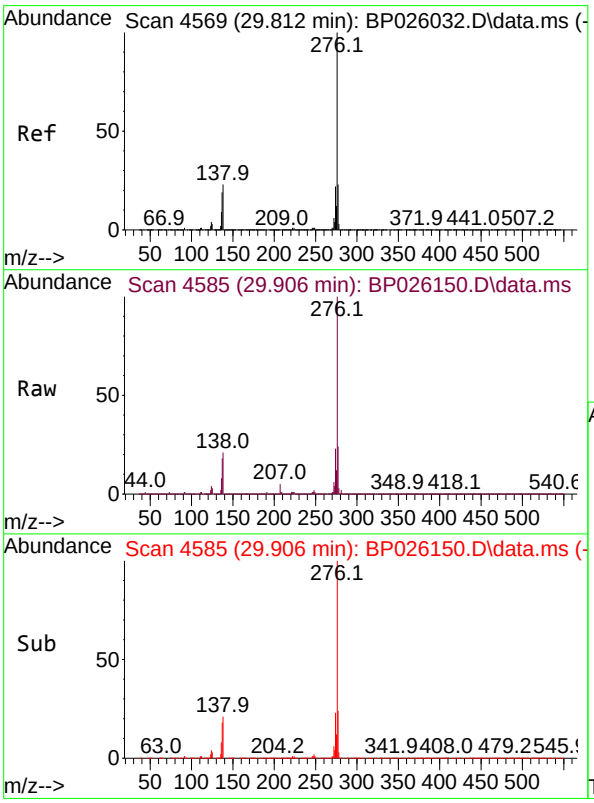
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.2 | 13.2 | 19.8 |
| 279 | 23.9 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

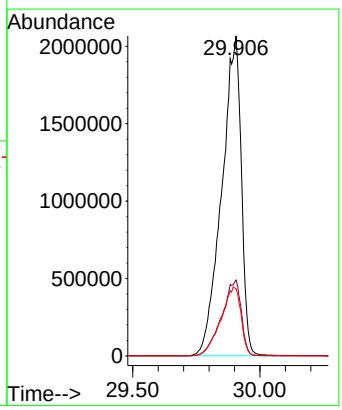
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 81.458 ng
RT: 29.906 min Scan# 4585
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:276 Resp:11030115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 18.8 | 28.2 |
| 138 | 21.0 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 361595 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1582932 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 1060115 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 2119946 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.577 | 240 | 2196318 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.907 | 264 | 2586780 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 1800651 | 79.929 | ng | | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 2411815 | 84.094 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2249363 | 80.717 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 1107358 | 80.522 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 5498471 | 76.016 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.872 | 244 | 8445903 | 78.411 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 343507 | 37.593 | ng | | 100 |
| 3) Pyridine | 3.614 | 79 | 1054187 | 39.921 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 394191 | 39.942 | ng | | 97 |
| 6) Aniline | 7.002 | 93 | 1580563 | 41.740 | ng | | 98 |
| 8) 2-Chlorophenol | 7.243 | 128 | 1055115 | 41.146 | ng | | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 685617 | 45.618 | ng | | 100 |
| 10) Phenol | 6.878 | 94 | 1299478 | 42.060 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 993460 | 41.067 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.566 | 146 | 1093655 | 39.587 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1106341 | 39.742 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 1083058 | 40.516 | ng | | 99 |
| 15) Benzyl Alcohol | 7.908 | 79 | 891170 | 42.414 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.202 | 45 | 1385943 | 40.794 | ng | | 99 |
| 17) 2-Methylphenol | 8.108 | 107 | 894546 | 42.532 | ng | | 100 |
| 18) Hexachloroethane | 8.743 | 117 | 409876 | 40.466 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 771683 | 43.311 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1238228 | 42.486 | ng | | 100 |
| 22) Acetophenone | 8.484 | 105 | 1599641 | 39.758 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 1132232 | 40.166 | ng | | 98 |
| 25) Isophorone | 9.384 | 82 | 2283034 | 41.325 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 600692 | 42.113 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 1044113 | 40.595 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.854 | 93 | 1398232 | 40.412 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 1058748 | 41.185 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 1034416 | 39.515 | ng | | 98 |
| 31) Naphthalene | 10.496 | 128 | 3382899 | 39.543 | ng | | 99 |
| 32) Benzoic acid | 9.778 | 122 | 916813 | 42.328 | ng | | 100 |
| 33) 4-Chloroaniline | 10.590 | 127 | 1497158 | 41.152 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.790 | 225 | 663620 | 38.979 | ng | | 99 |
| 35) Caprolactam | 11.390 | 113 | 386416 | 41.978 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1169352 | 42.798 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2480618 | 40.901 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 2436446 | 41.101 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.490 | 216 | 1239031 | 38.653 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 827636 | 39.451 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 889628 | 40.482 | ng | | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.801 | 196 | 986131 | 40.200 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.137 | 154 | 3104503 | 38.891 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.178 | 162 | 2436522 | 38.816 | ng | 100 |
| 48) 2-Nitroaniline | 13.366 | 65 | 731047 | 41.880 | ng | 94 |
| 49) Acenaphthylene | 14.031 | 152 | 4108111 | 39.676 | ng | 99 |
| 50) Dimethylphthalate | 13.766 | 163 | 3116904 | 39.365 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.878 | 165 | 675339 | 43.045 | ng | 100 |
| 52) Acenaphthene | 14.378 | 154 | 2361523 | 38.919 | ng | 99 |
| 53) 3-Nitroaniline | 14.213 | 138 | 782672 | 42.369 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 403157 | 42.569 | ng | 98 |
| 55) Dibenzofuran | 14.719 | 168 | 3668770 | 39.037 | ng | 100 |
| 56) 4-Nitrophenol | 14.531 | 139 | 673671 | 40.312 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 997423 | 42.577 | ng | 99 |
| 58) Fluorene | 15.389 | 166 | 2894223 | 38.962 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 846319 | 40.668 | ng | 100 |
| 60) Diethylphthalate | 15.160 | 149 | 3115428 | 39.059 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.384 | 204 | 1437111 | 38.882 | ng | 100 |
| 62) 4-Nitroaniline | 15.401 | 138 | 780732 | 40.700 | ng | 99 |
| 63) Azobenzene | 15.684 | 77 | 2678923 | 39.832 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.460 | 198 | 568324 | 42.199 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.607 | 169 | 2623713 | 40.009 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 960730 | 40.921 | ng | 99 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1097761 | 40.295 | ng | 96 |
| 69) Atrazine | 16.589 | 200 | 985277 | 39.843 | ng | 99 |
| 70) Pentachlorophenol | 16.772 | 266 | 775987 | 40.719 | ng | 99 |
| 71) Phenanthrene | 17.178 | 178 | 4768475 | 39.930 | ng | 100 |
| 72) Anthracene | 17.266 | 178 | 4875395 | 40.026 | ng | 99 |
| 73) Carbazole | 17.536 | 167 | 4601692 | 39.777 | ng | 100 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 5331384 | 38.873 | ng | 100 |
| 75) Fluoranthene | 19.260 | 202 | 5678696 | 39.137 | ng | 100 |
| 77) Benzidine | 19.466 | 184 | 2769880 | 39.739 | ng | 99 |
| 78) Pyrene | 19.636 | 202 | 5858930 | 40.685 | ng | 99 |
| 80) Butylbenzylphthalate | 20.613 | 149 | 2485794 | 39.196 | ng | 99 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 5995605 | 39.748 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 2205669 | 40.210 | ng | 98 |
| 83) Chrysene | 21.624 | 228 | 5679377 | 39.951 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 3741593 | 38.974 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.807 | 149 | 6475670 | 38.576 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.701 | 276 | 7731323m | 39.852 | ng | |
| 88) Benzo(b)fluoranthene | 23.860 | 252 | 6338827 | 40.239 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.936 | 252 | 6104845 | 38.799 | ng | 100 |
| 90) Benzo(a)pyrene | 24.754 | 252 | 5947125 | 39.855 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.783 | 278 | 6347656 | 39.970 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.859 | 276 | 6346496 | 40.207 | ng | 100 |

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

ICAL Form

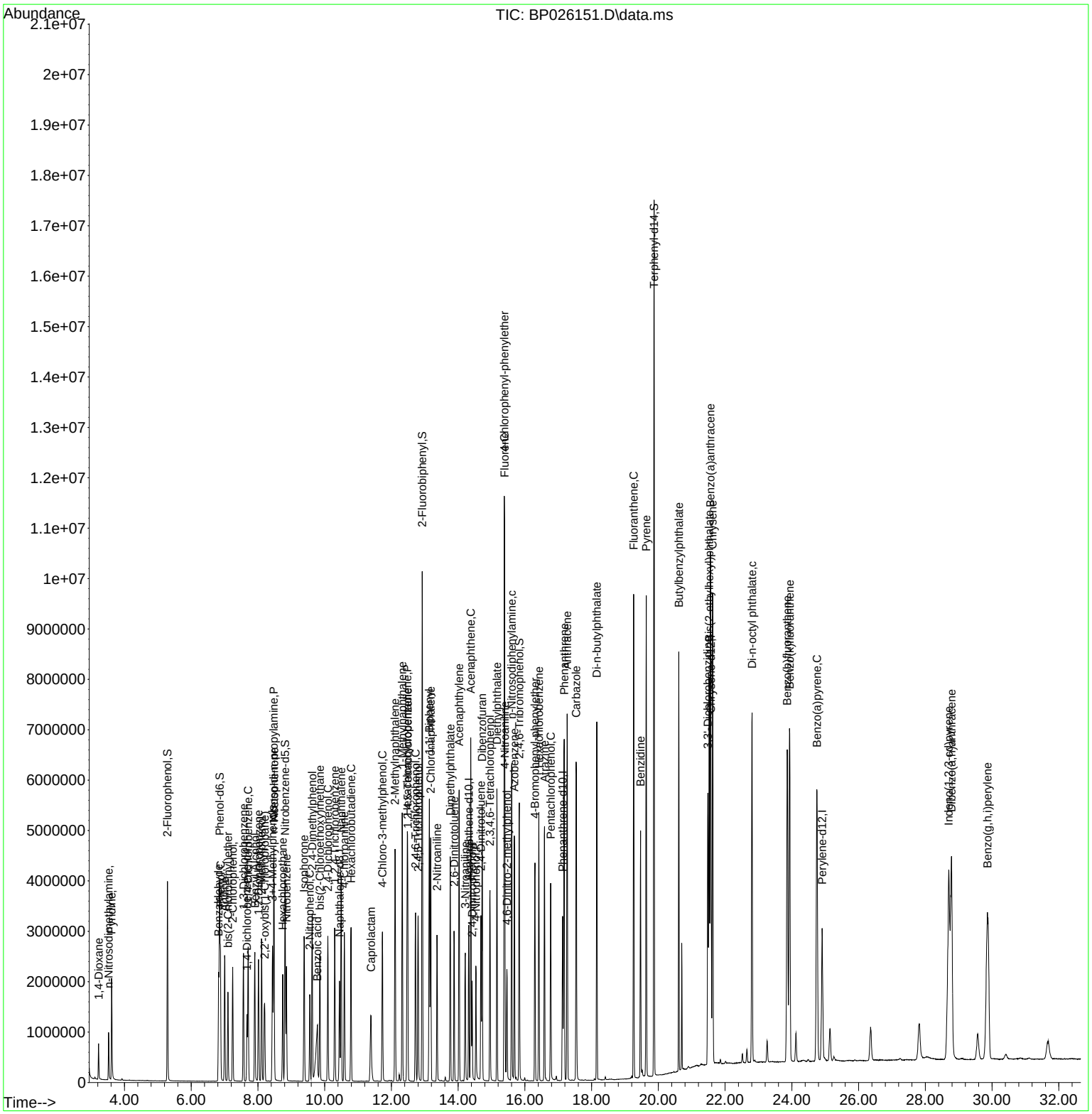
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

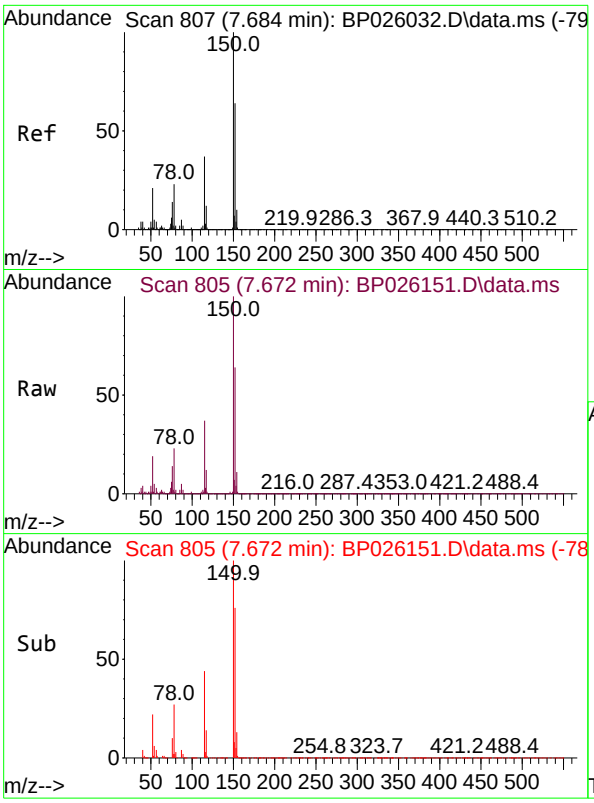
Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

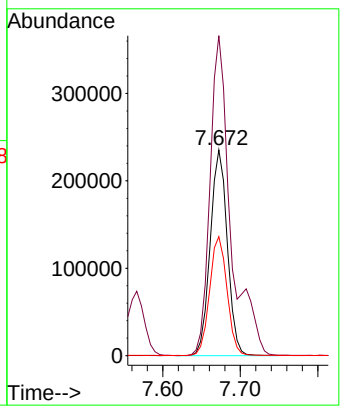





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:152 Resp: 36159

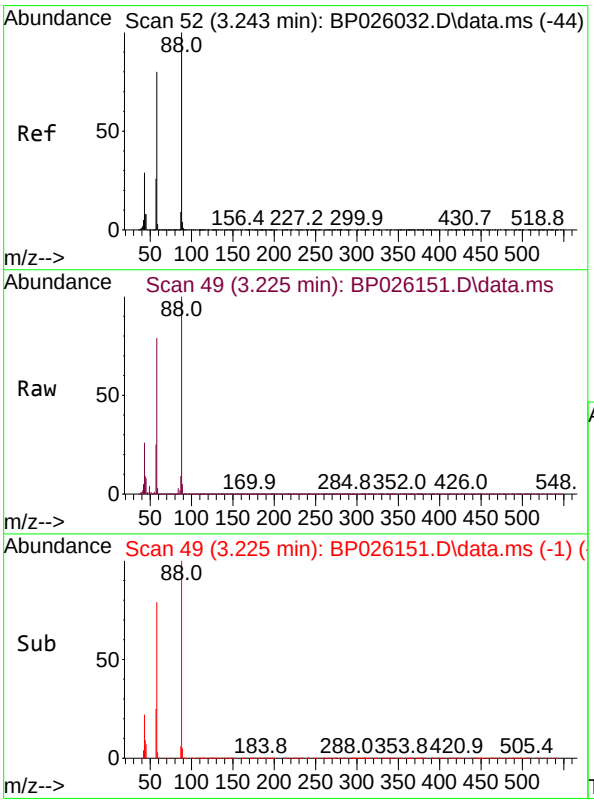
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 123.0 | 184.6 |
| 115 | 57.9 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

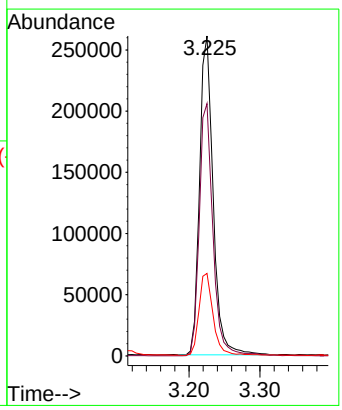
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

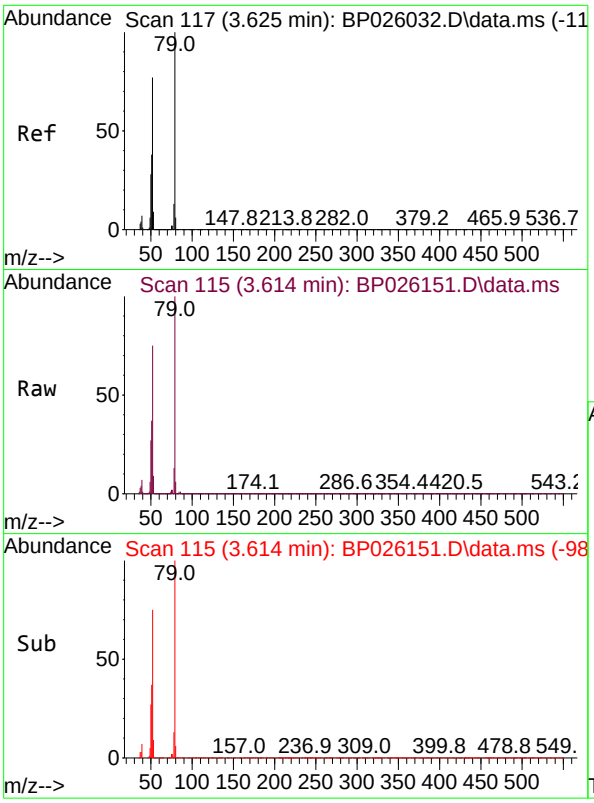



#2
1,4-Dioxane
Concen: 37.593 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 88 Resp: 343507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.0 | 64.2 | 96.4 |
| 43 | 26.8 | 21.5 | 32.3 |

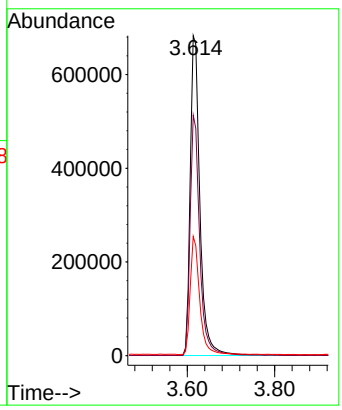





#3
Pyridine
Concen: 39.921 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 79 Resp: 105418

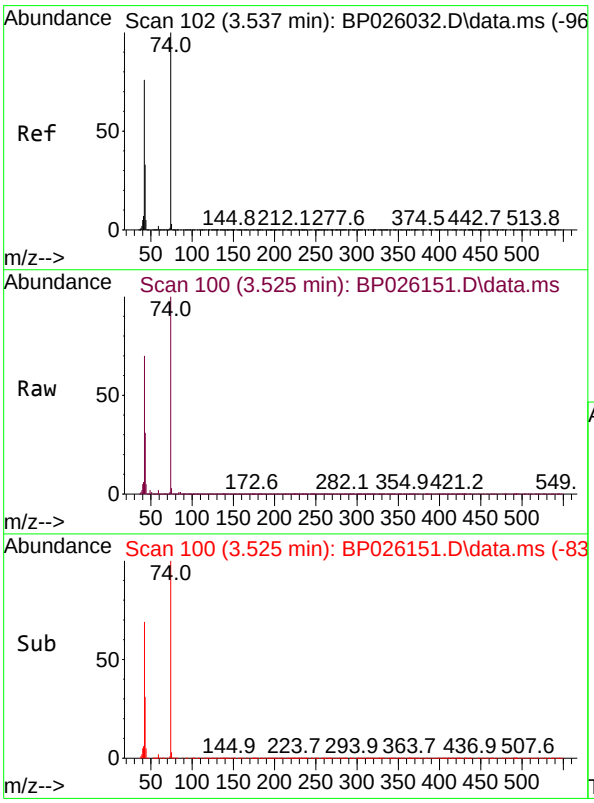
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 75.1 | 60.2 | 90.2 |
| 51 | 37.2 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

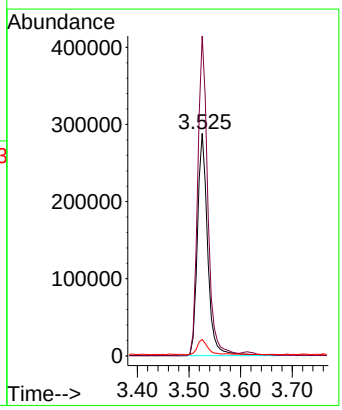
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

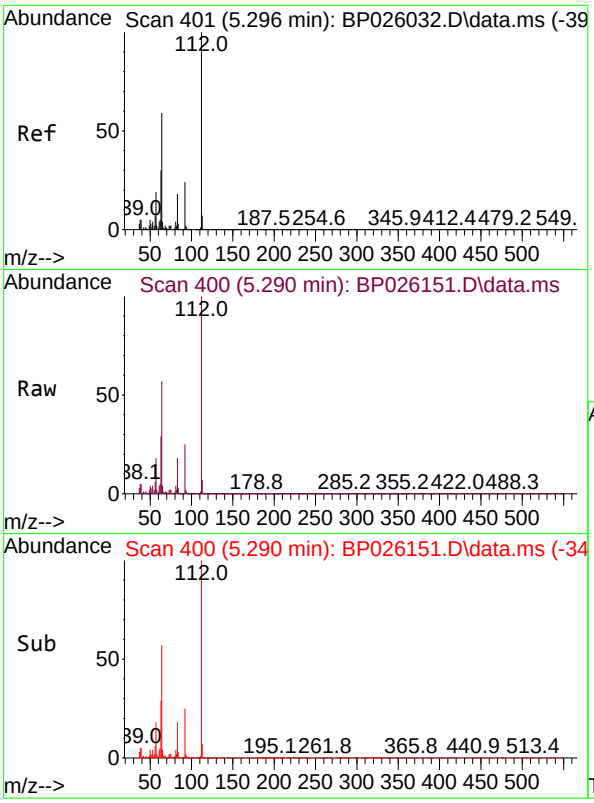



#4
n-Nitrosodimethylamine
Concen: 39.942 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 42 Resp: 394191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.8 | 118.1 | 177.1 |
| 44 | 7.3 | 6.2 | 9.4 |

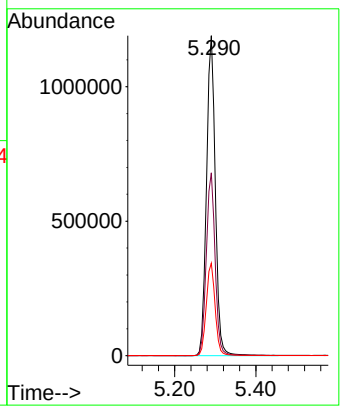





#5
2-Fluorophenol
Concen: 79.929 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:112 Resp: 180651

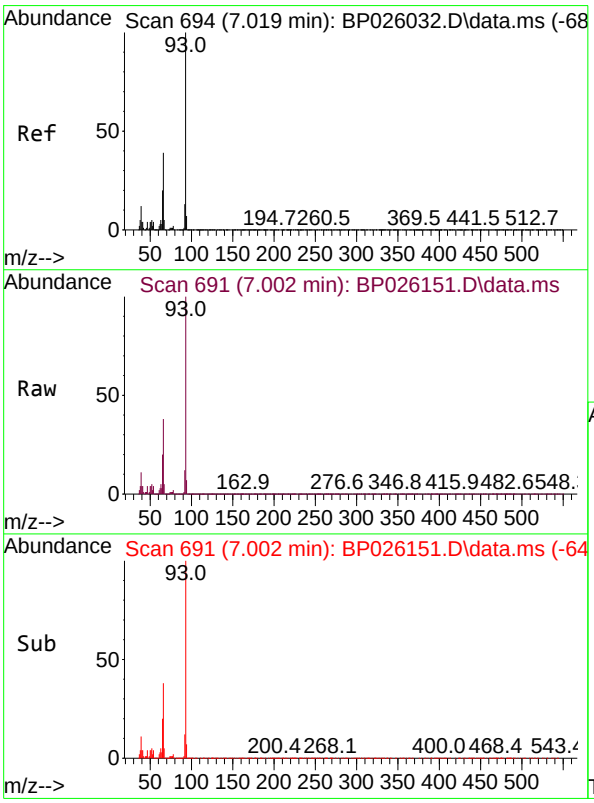
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.1 | 45.8 | 68.6 |
| 63 | 28.9 | 23.5 | 35.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

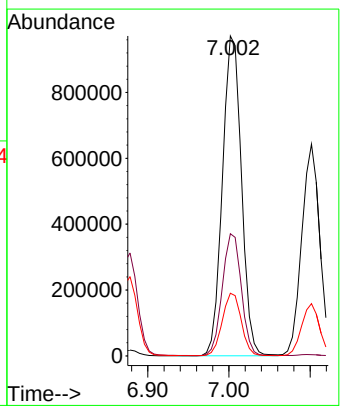
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

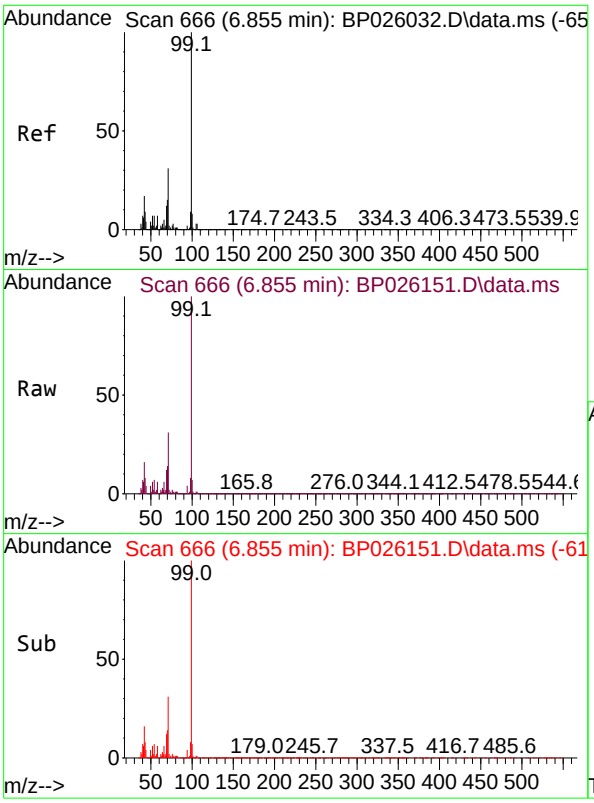



#6
Aniline
Concen: 41.740 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1580563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.2 | 31.7 | 47.5 |
| 65 | 19.6 | 15.8 | 23.6 |

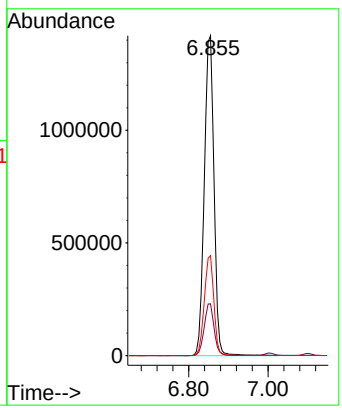





#7
Phenol-d6
Concen: 84.094 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 99 Resp: 241181

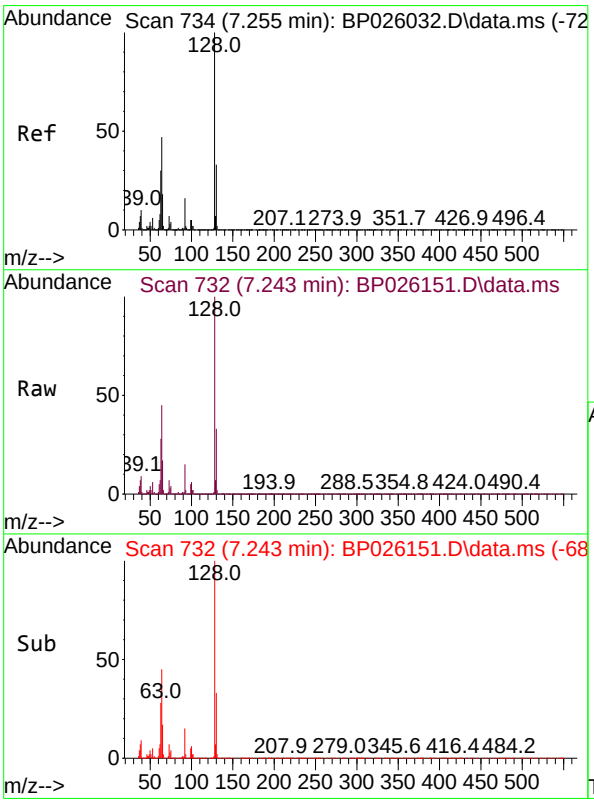
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 12.9 | 19.3 |
| 71 | 31.2 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

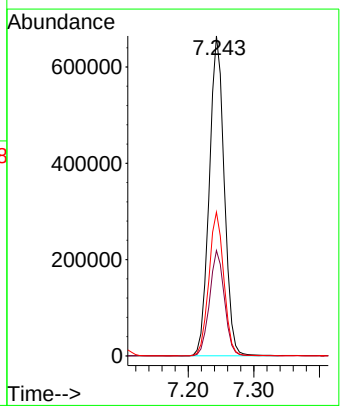
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

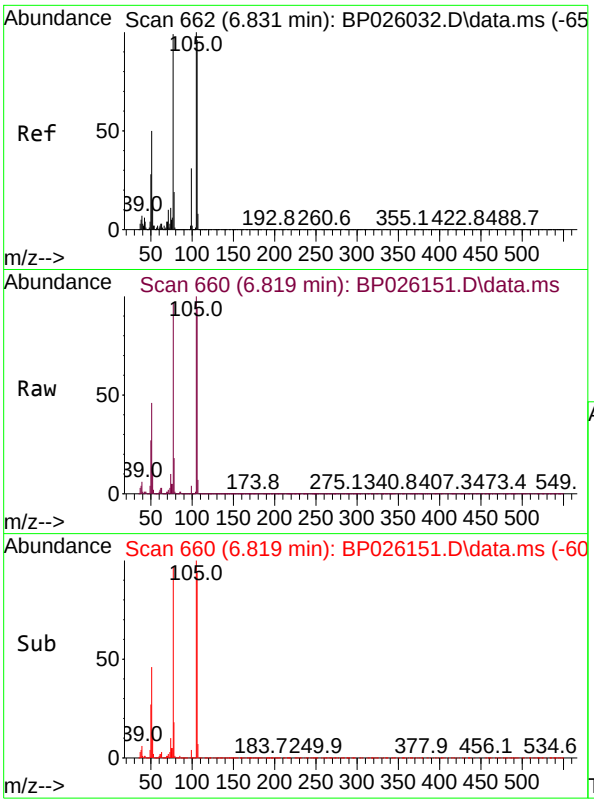



#8
2-Chlorophenol
Concen: 41.146 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:128 Resp: 1055115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.4 | 52.4 |
| 64 | 44.9 | 23.9 | 63.9 |

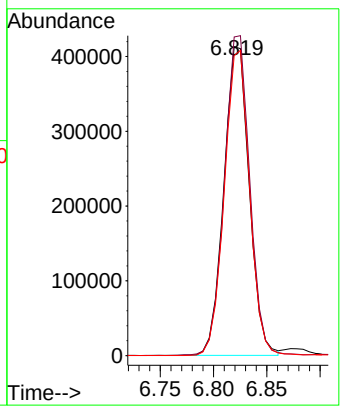





#9
Benzaldehyde
Concen: 45.618 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 68561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.2 | 82.9 | 122.9 |
| 106 | 97.1 | 77.8 | 117.8 |




**Instrument :**
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**ClientSampleId :**
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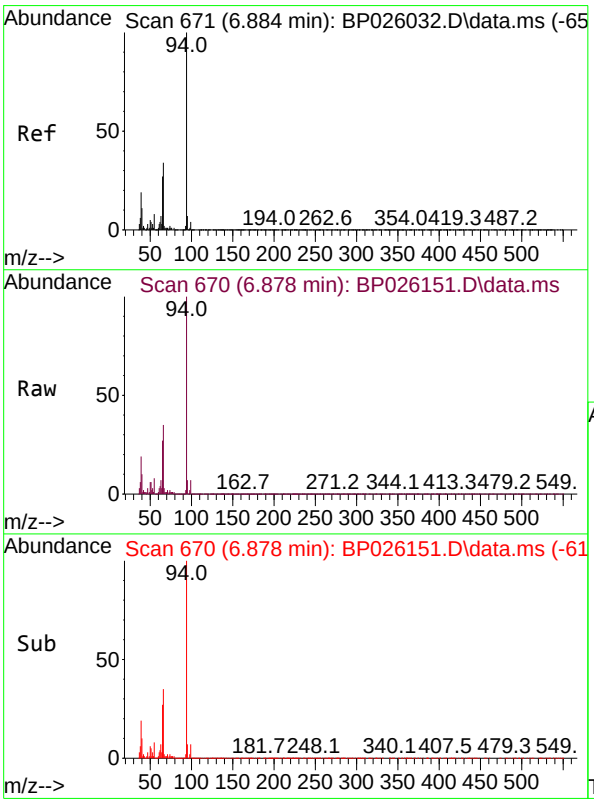
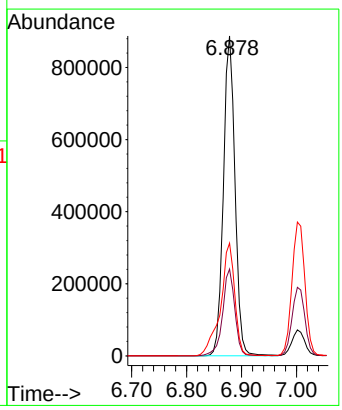
Supervised By :Sohil Jodhani 11/19/2025

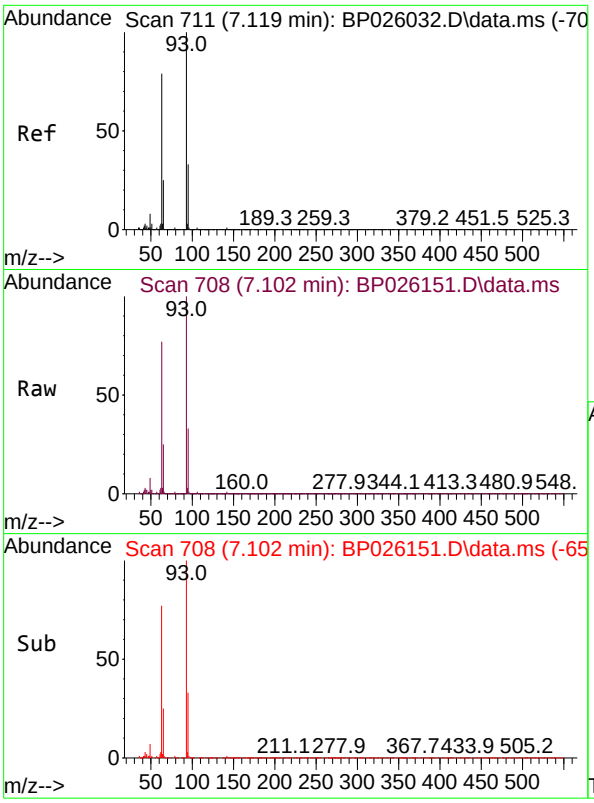



#10
Phenol
Concen: 42.060 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 94 Resp: 1299478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.1 | 7.0 | 47.0 |
| 66 | 35.2 | 14.5 | 54.5 |

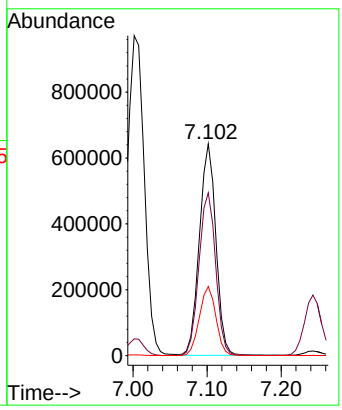





#11
bis(2-Chloroethyl)ether
Concen: 41.067 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 99346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.9 | 58.8 | 98.8 |
| 95 | 32.6 | 12.1 | 52.1 |

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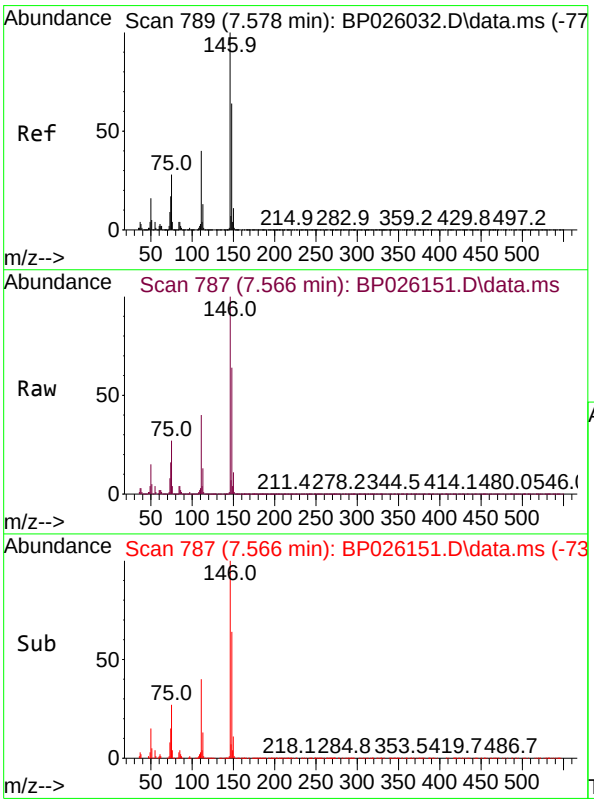
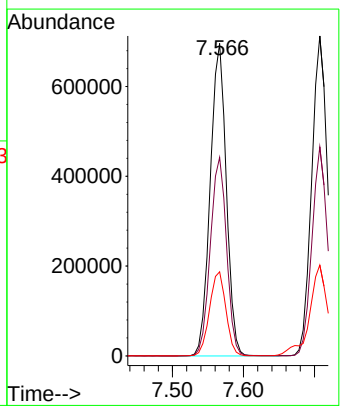
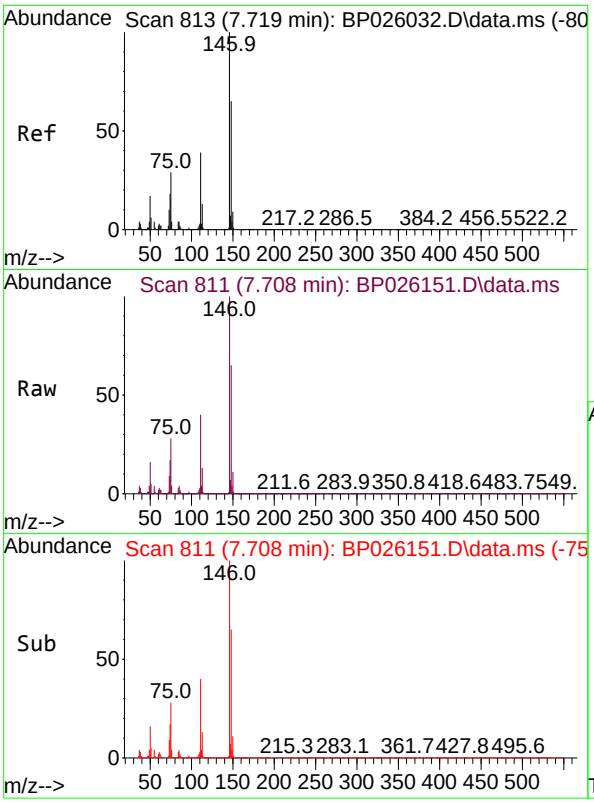



#12
1,3-Dichlorobenzene
Concen: 39.587 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:146 Resp: 1093655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.8 | 77.8 |
| 75 | 26.9 | 22.2 | 33.2 |






#13
1,4-Dichlorobenzene
Concen: 39.742 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:146 Resp: 110634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 51.4 | 77.2 |
| 111 | 39.7 | 31.7 | 47.5 |

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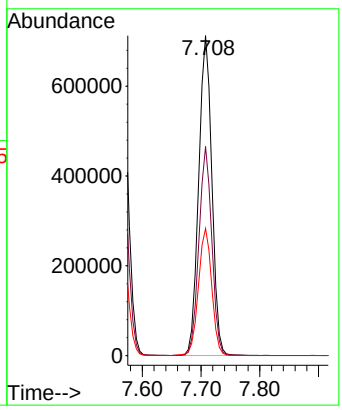
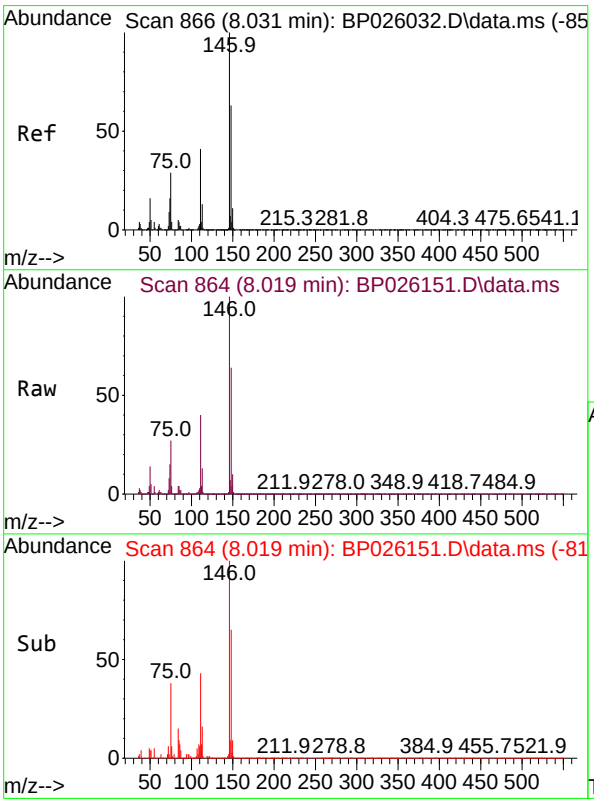
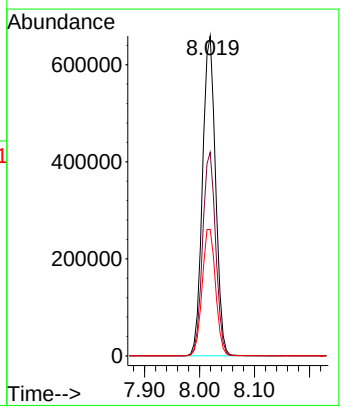


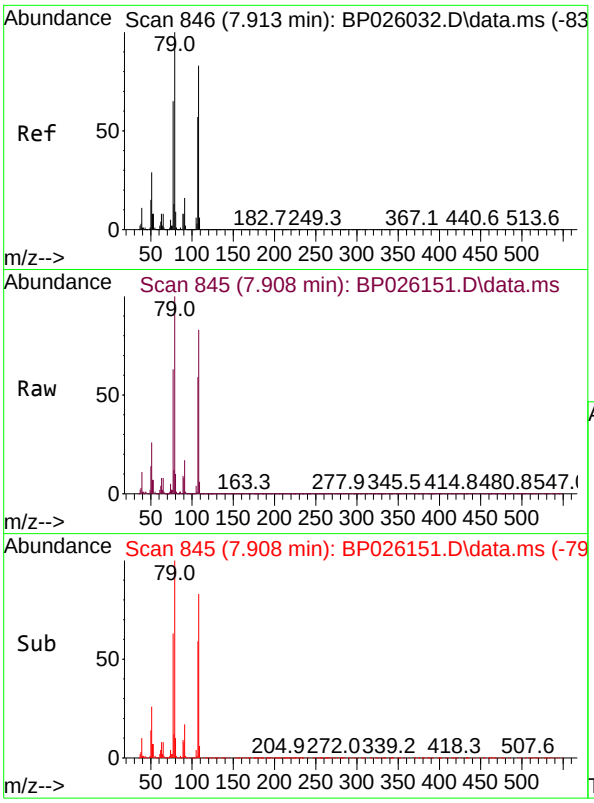




#14
1,2-Dichlorobenzene
Concen: 40.516 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:146 Resp: 1083058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.0 | 76.6 |
| 111 | 39.5 | 33.0 | 49.4 |

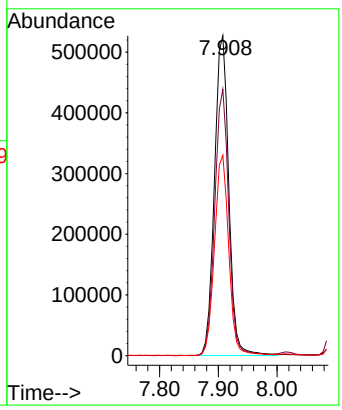





#15
Benzyl Alcohol
Concen: 42.414 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 79 Resp: 89117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.2 | 66.2 | 99.4 |
| 77 | 62.6 | 50.0 | 75.0 |




**Instrument :**
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ICVBP111825

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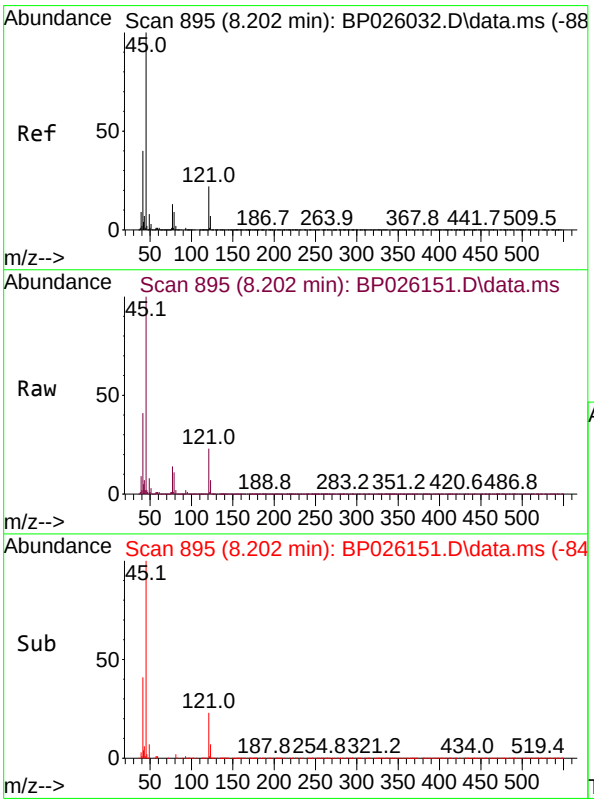
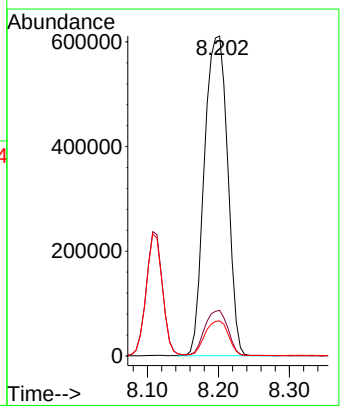
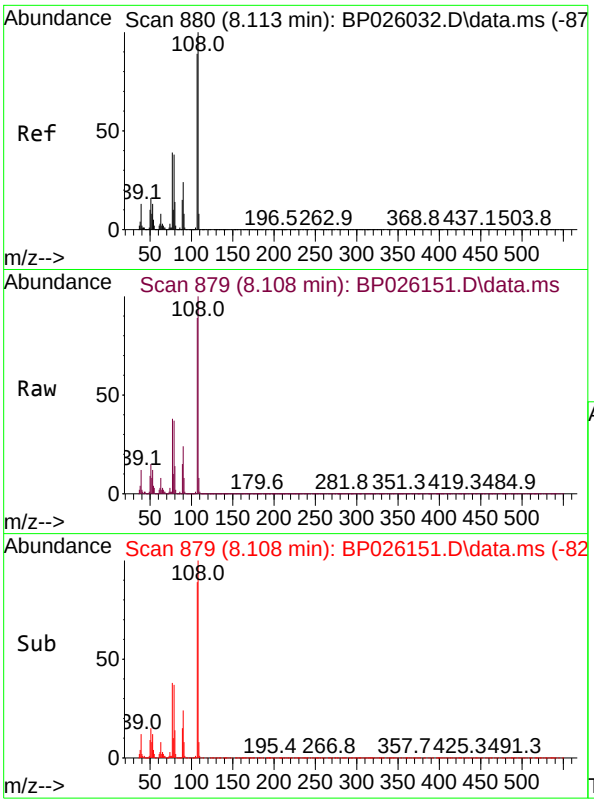



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.794 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 45 Resp: 1385943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.2 | 0.0 | 33.9 |
| 79 | 10.9 | 0.0 | 30.4 |

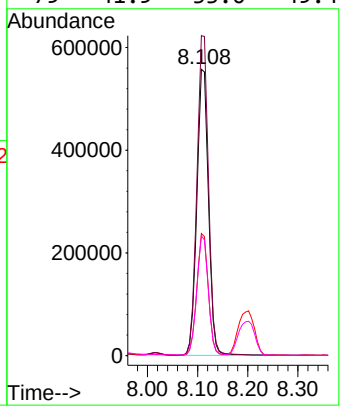





#17
2-Methylphenol
Concen: 42.532 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 89454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.8 | 89.7 | 134.5 |
| 77 | 42.6 | 33.9 | 50.9 |
| 79 | 41.9 | 33.0 | 49.4 |




**Instrument :**
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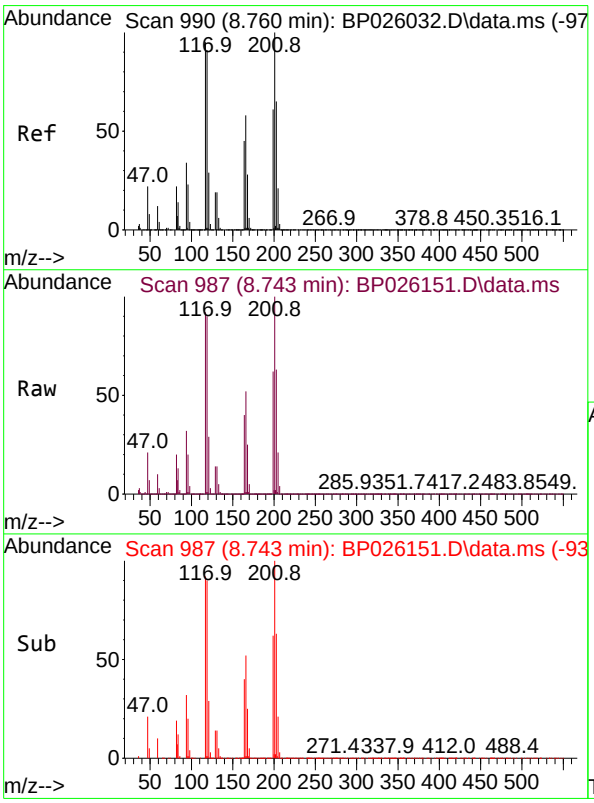
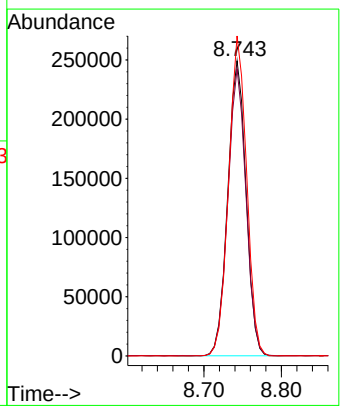
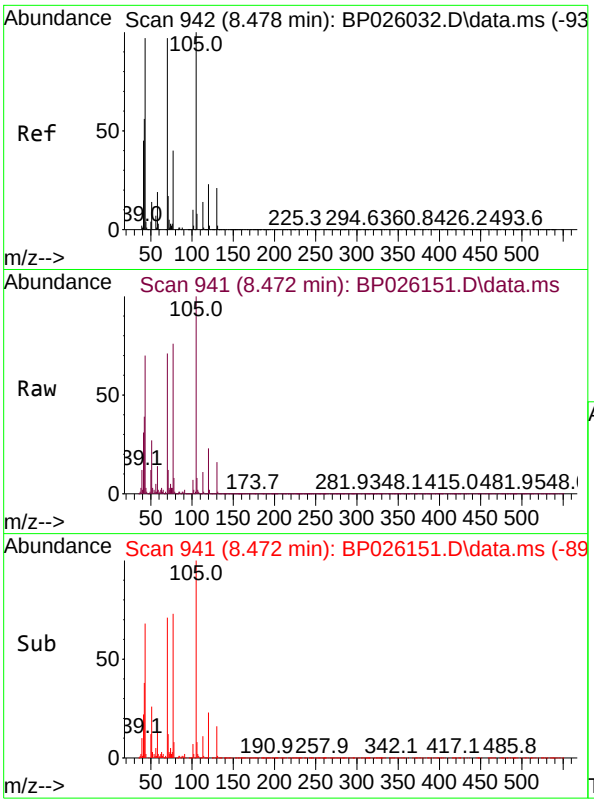



#18
Hexachloroethane
Concen: 40.466 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:117 Resp: 409876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 78.7 | 118.1 |
| 201 | 108.4 | 85.1 | 127.7 |

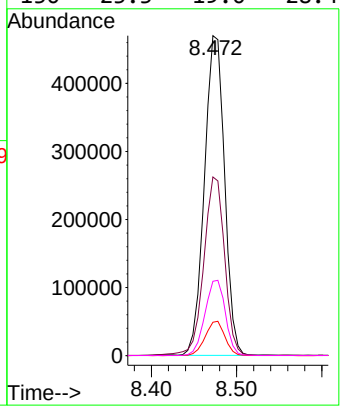





#19
n-Nitroso-di-n-propylamine
Concen: 43.311 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 70 Resp: 77168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.8 | 44.1 | 66.1 |
| 101 | 10.5 | 8.2 | 12.4 |
| 130 | 23.3 | 19.0 | 28.4 |




**Instrument :**
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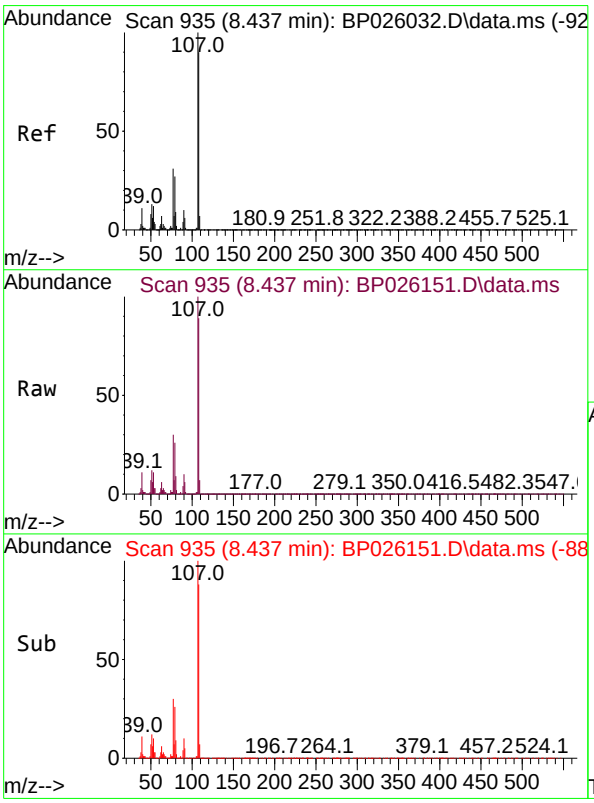
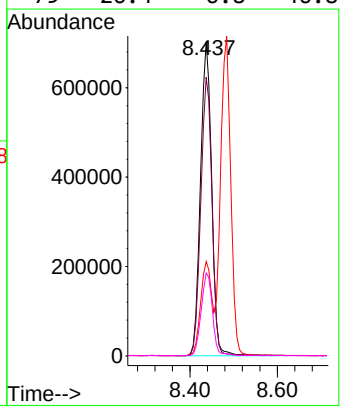
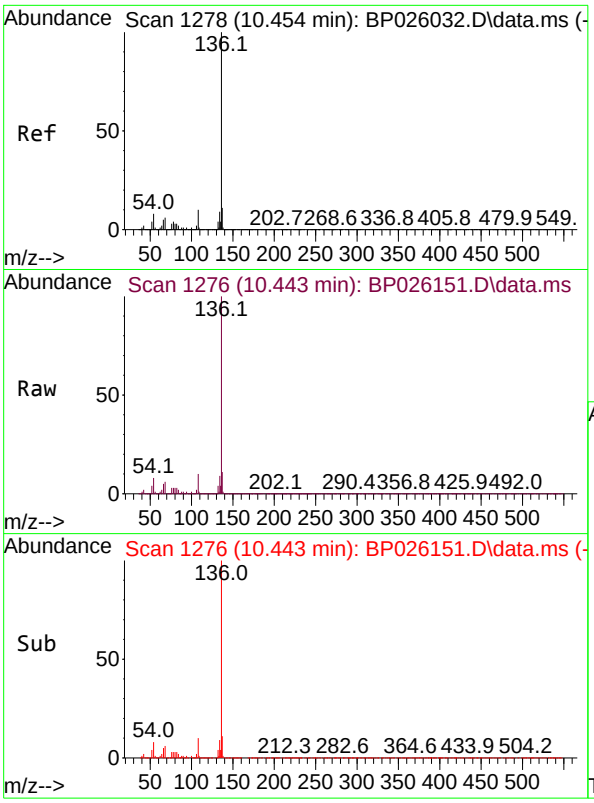



#20
3+4-Methylphenols
Concen: 42.486 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1238228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.8 | 68.9 | 108.9 |
| 77 | 30.0 | 10.4 | 50.4 |
| 79 | 26.4 | 6.8 | 46.8 |

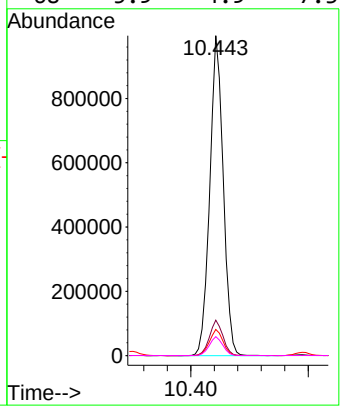





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:136 Resp: 158293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 8.2 | 6.4 | 9.6 |
| 68 | 5.9 | 4.9 | 7.3 |

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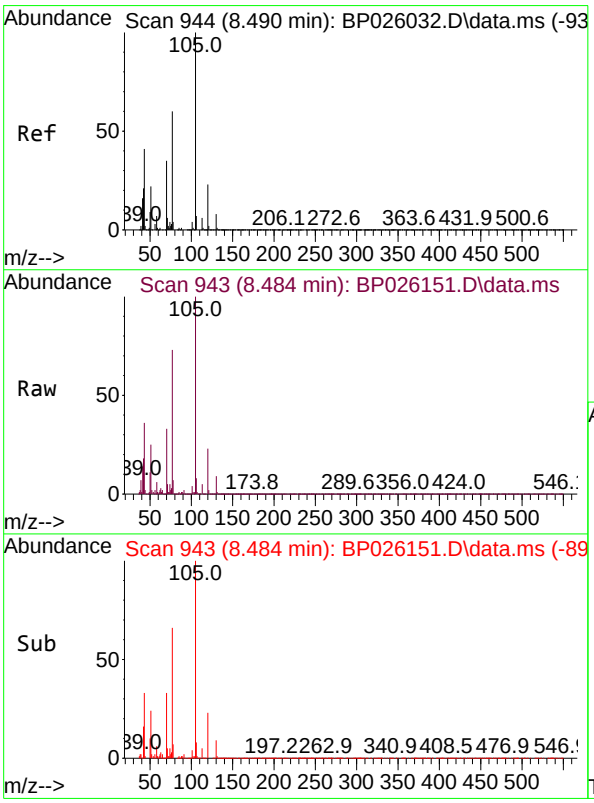
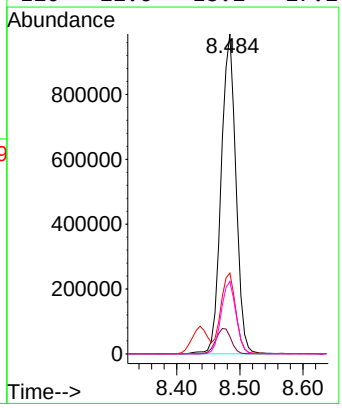
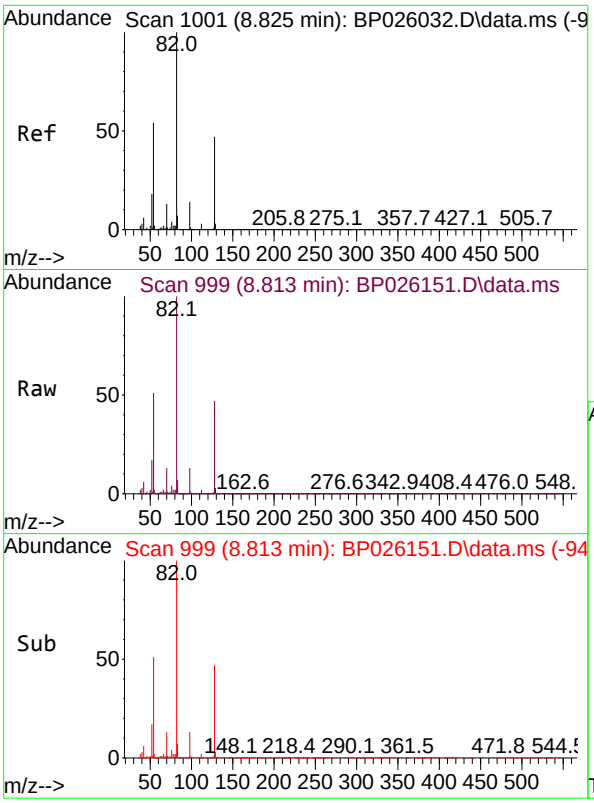



#22
Acetophenone
Concen: 39.758 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:105 Resp: 1599641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.4 | 3.0 | 4.4# |
| 51 | 25.3 | 20.5 | 30.7 |
| 120 | 22.6 | 18.2 | 27.2 |

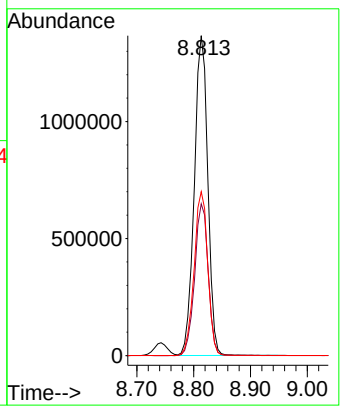





#23
Nitrobenzene-d5
Concen: 80.717 ng
RT: 8.813 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 82 Resp: 224936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.4 | 37.4 | 56.0 |
| 54 | 51.2 | 41.6 | 62.4 |

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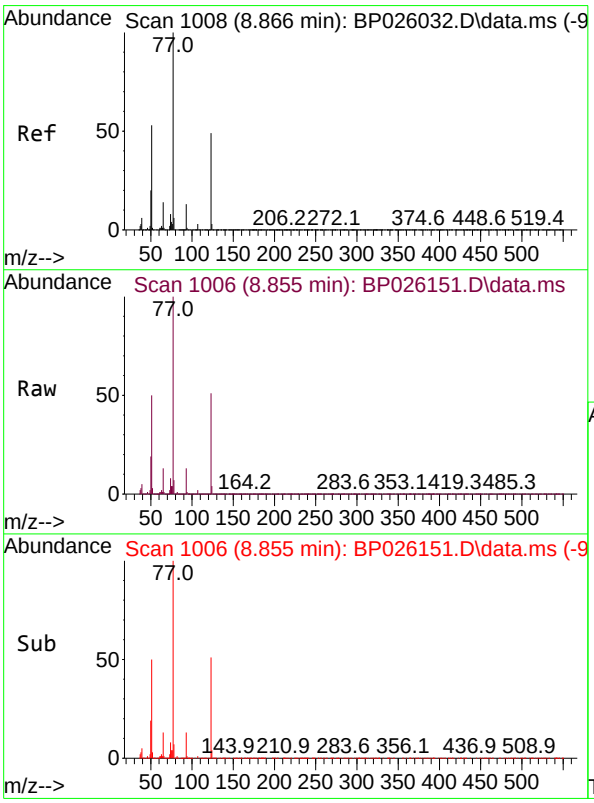
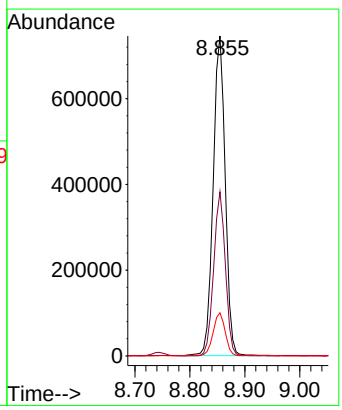
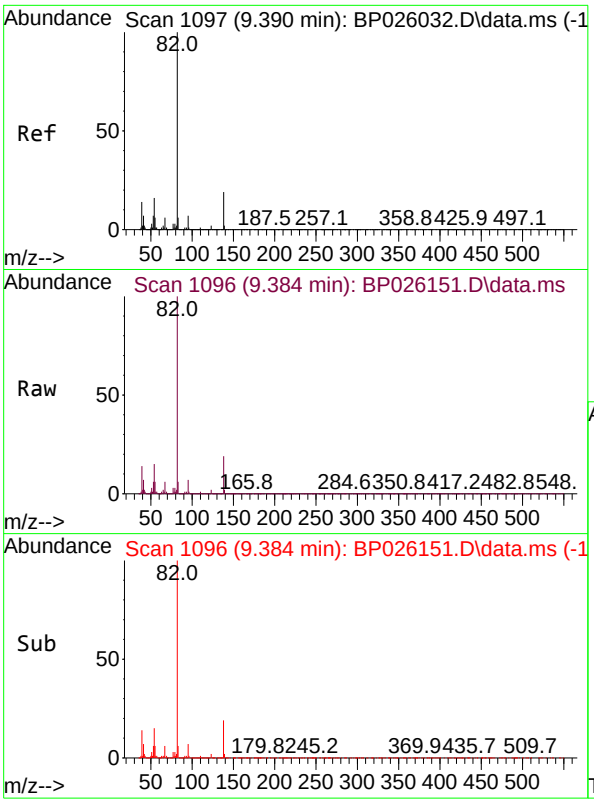



#24
Nitrobenzene
Concen: 40.166 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 1132232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.3 | 39.8 | 59.8 |
| 65 | 13.5 | 11.2 | 16.8 |

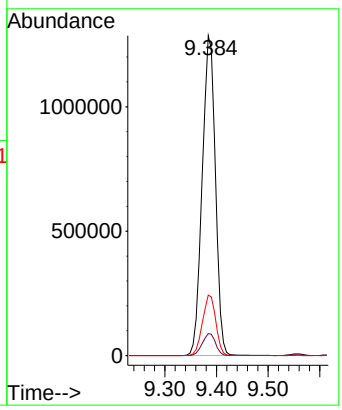





#25
Isophorone
Concen: 41.325 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 82 Resp: 228303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.4 | 8.0 |
| 138 | 18.9 | 15.4 | 23.0 |

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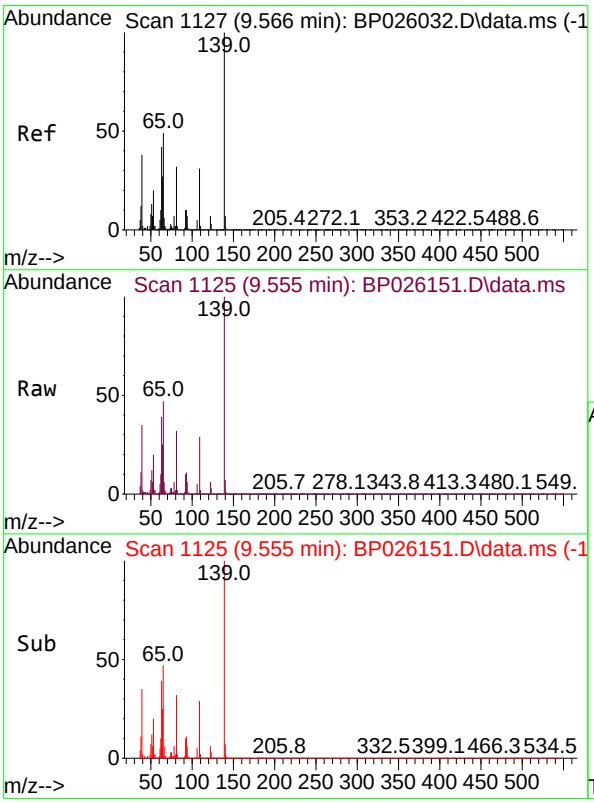
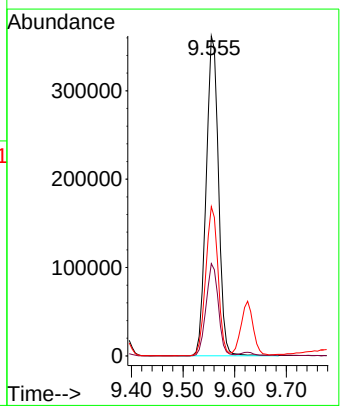
Supervised By :Sohil Jodhani 11/19/2025

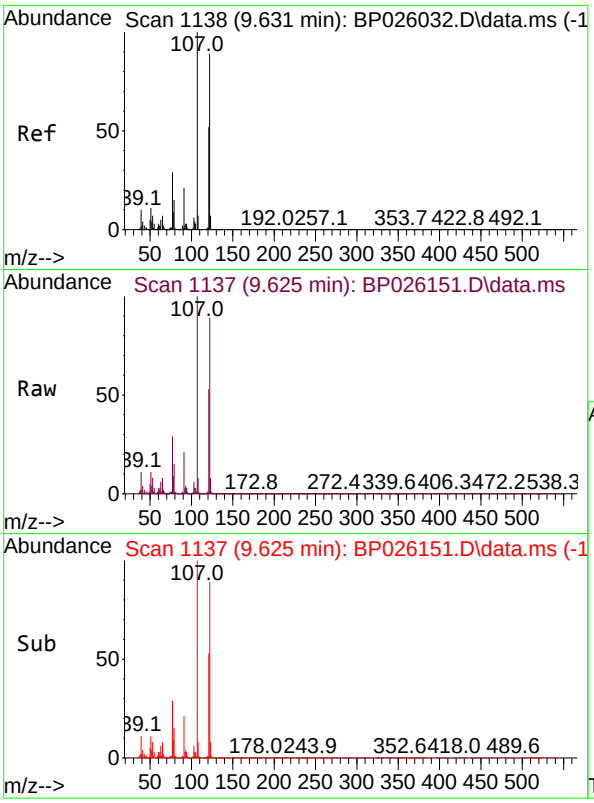



#26
2-Nitrophenol
Concen: 42.113 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:139 Resp: 600692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.8 | 22.3 | 33.5 |
| 65 | 46.7 | 37.2 | 55.8 |

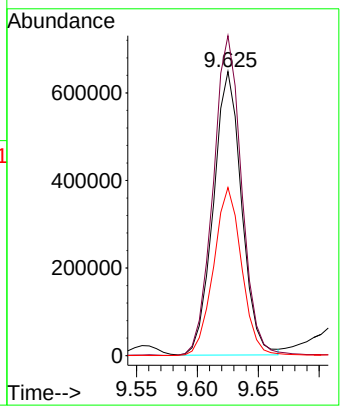





#27
2,4-Dimethylphenol
Concen: 40.595 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:122 Resp: 104411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.7 | 91.0 | 136.6 |
| 121 | 59.2 | 47.0 | 70.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

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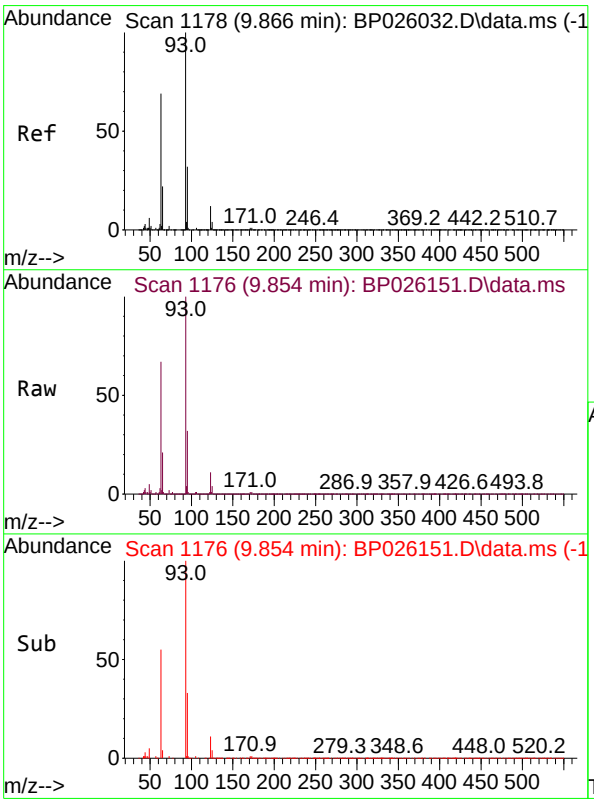
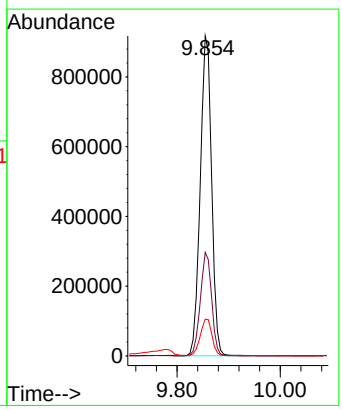
Supervised By :Sohil Jodhani 11/19/2025

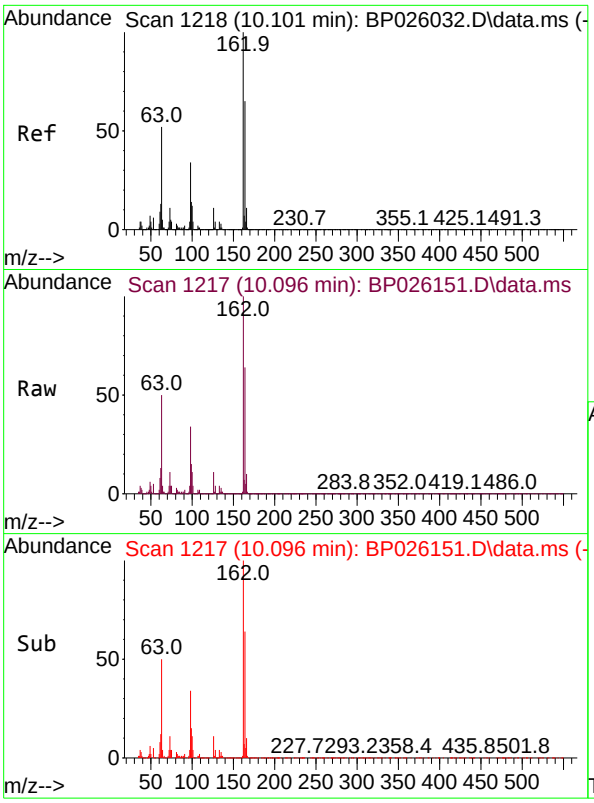



#28
bis(2-Chloroethoxy)methane
Concen: 40.412 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1398232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.4 | 39.6 |
| 123 | 11.5 | 9.4 | 14.0 |

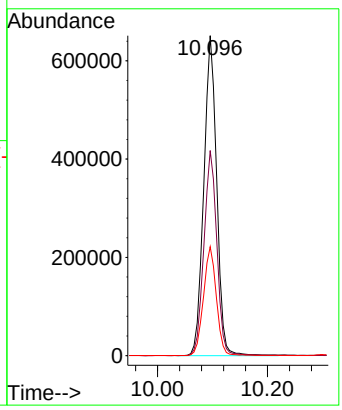





#29
2,4-Dichlorophenol
Concen: 41.185 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:162 Resp: 105874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 43.8 | 83.8 |
| 98 | 34.0 | 14.1 | 54.1 |




**Instrument :**
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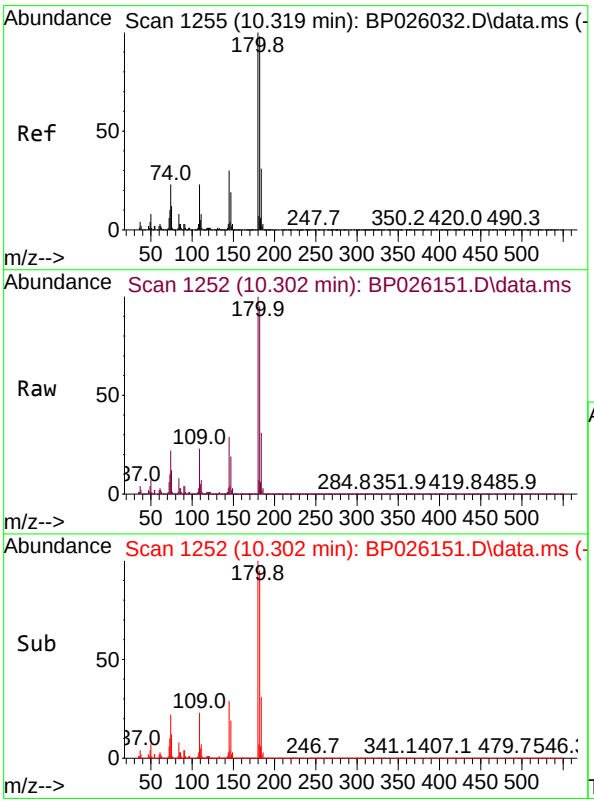
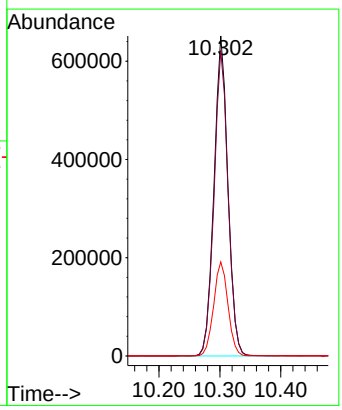
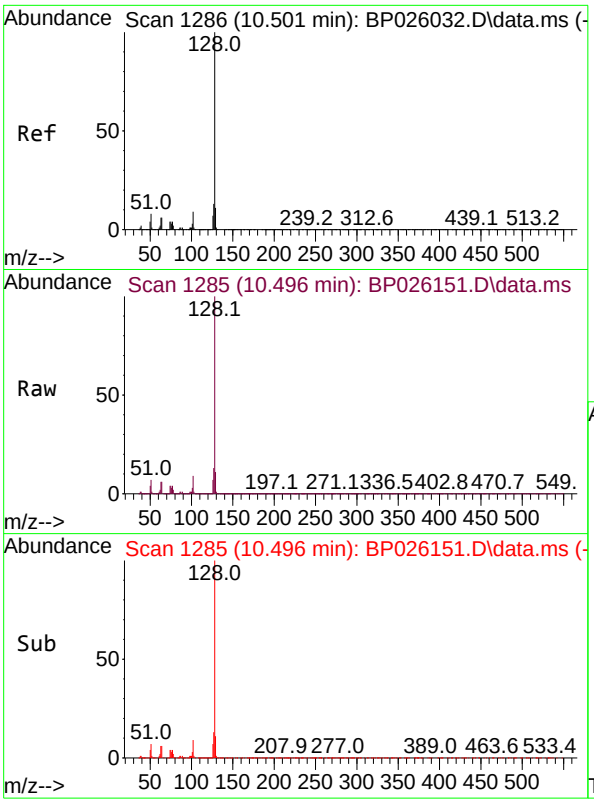



#30
1,2,4-Trichlorobenzene
Concen: 39.515 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:180 Resp: 1034416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 78.1 | 117.1 |
| 145 | 29.4 | 24.2 | 36.4 |

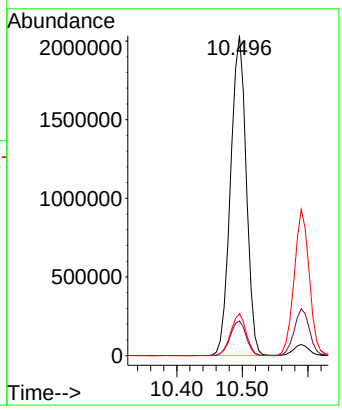





#31
Naphthalene
Concen: 39.543 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:128 Resp: 3382899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

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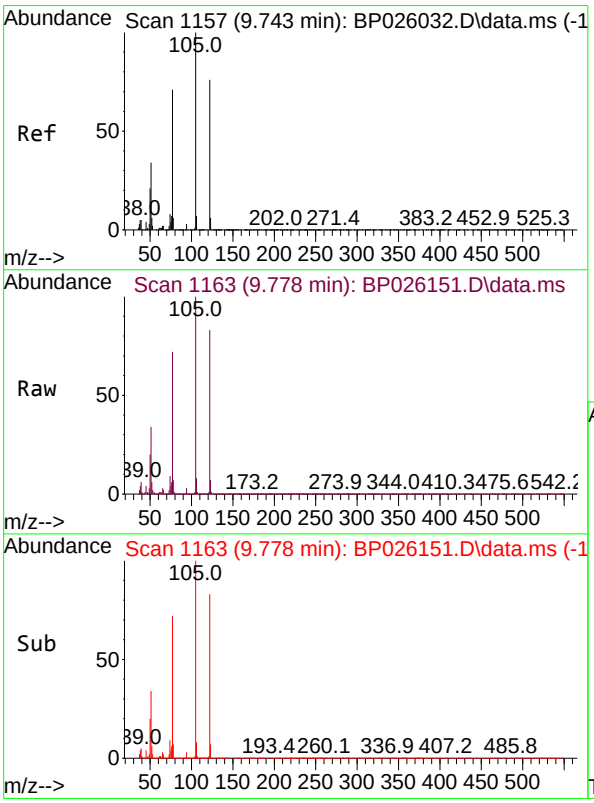
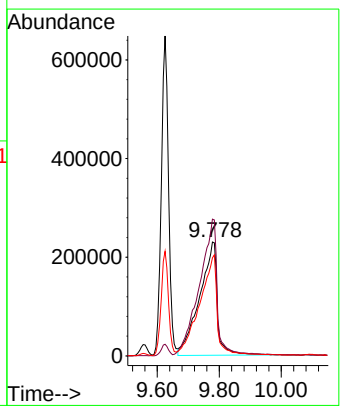
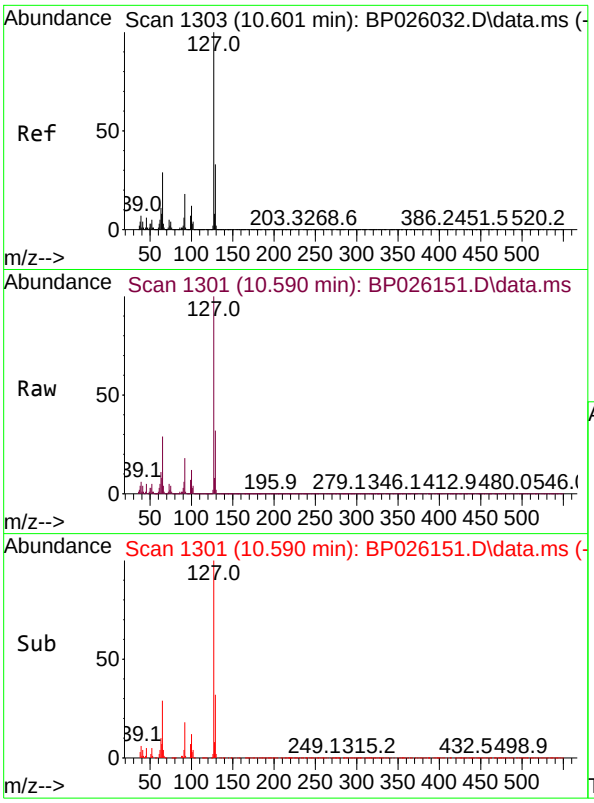



#32
Benzoic acid
Concen: 42.328 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:122 Resp: 916813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.1 | 100.1 | 140.1 |
| 77 | 86.2 | 66.7 | 106.7 |

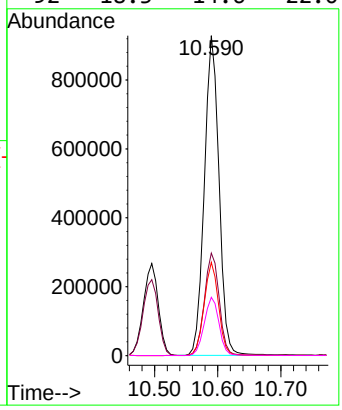





#33
4-Chloroaniline
Concen: 41.152 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:127 Resp: 149715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.8 | 38.8 |
| 65 | 29.1 | 22.7 | 34.1 |
| 92 | 18.3 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

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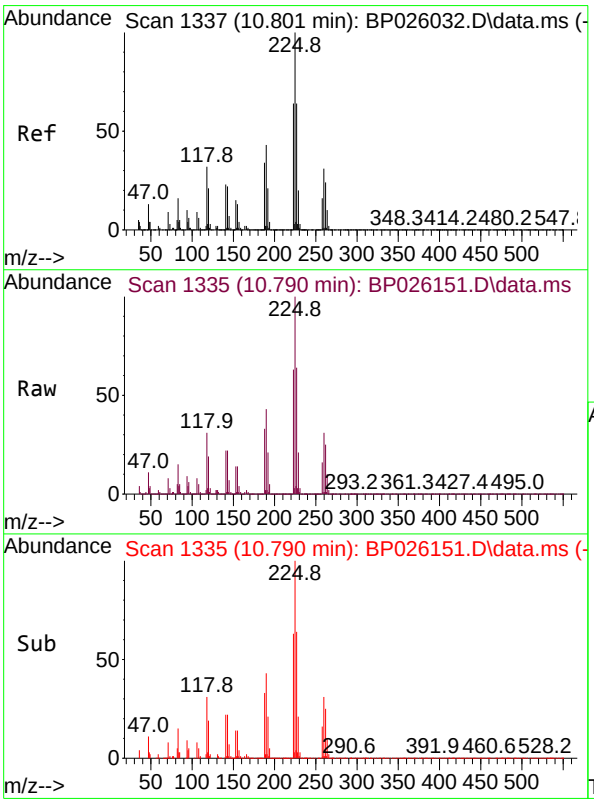
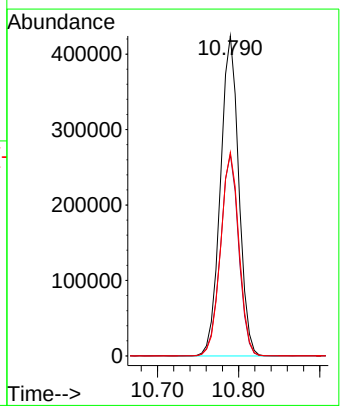
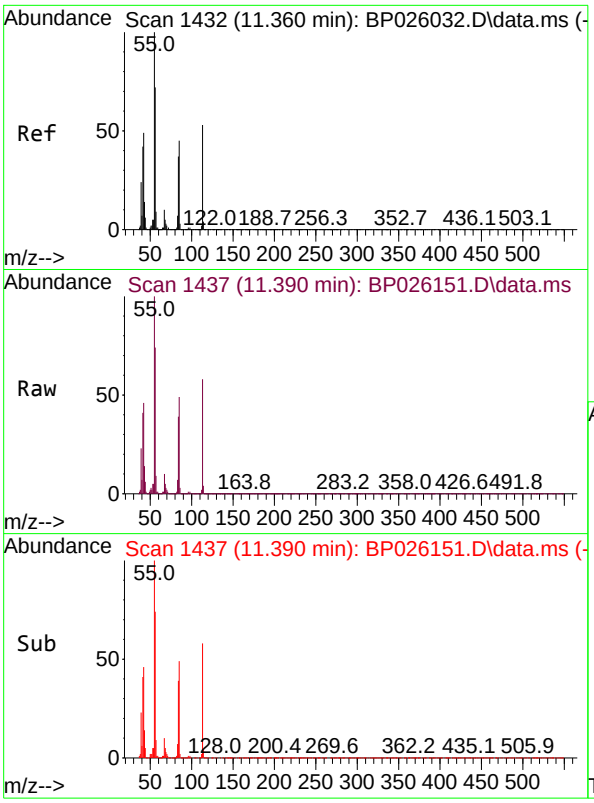



#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:225 Resp: 663620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 49.6 | 74.4 |
| 227 | 63.6 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 41.978 ng
RT: 11.390 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:113 Resp: 38641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 171.8 | 153.0 | 193.0 |
| 56 | 126.8 | 106.4 | 146.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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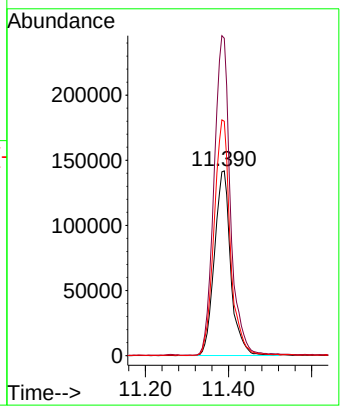
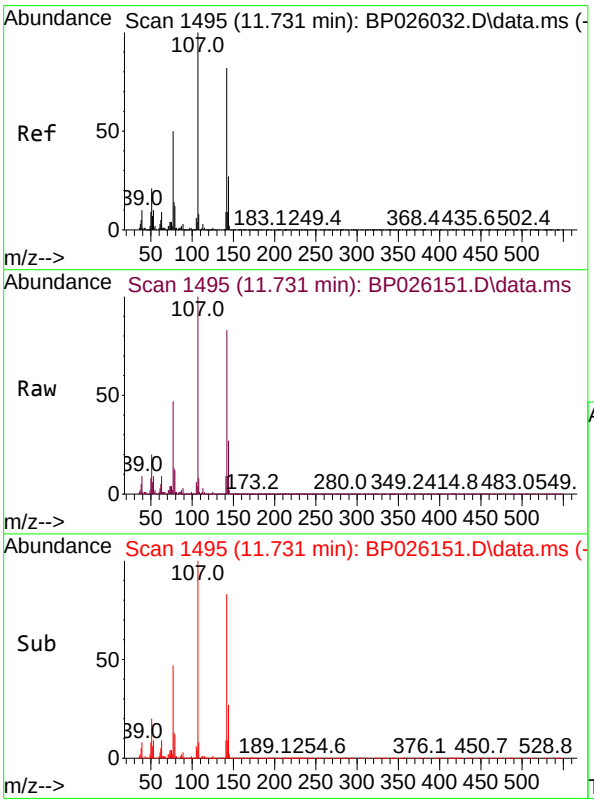
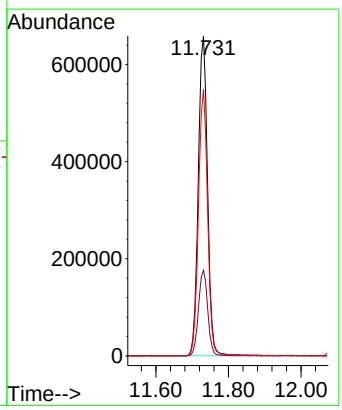


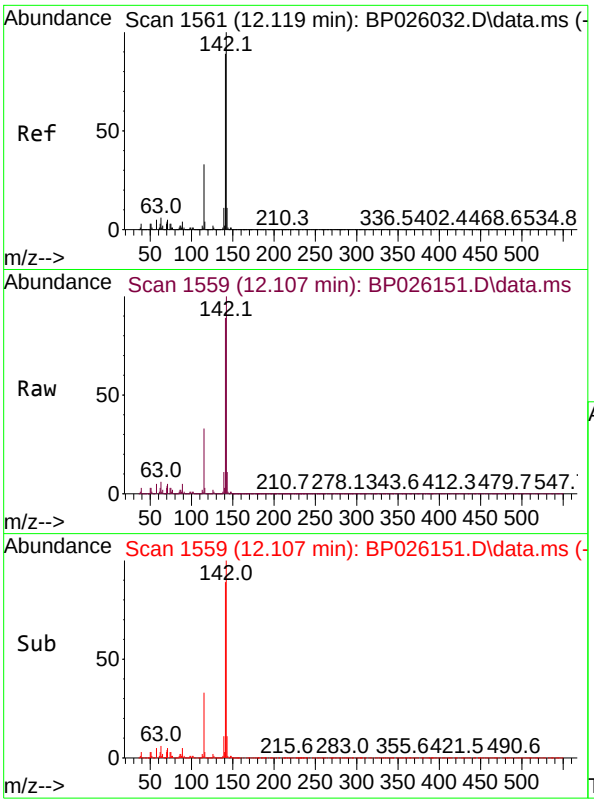




#36
4-Chloro-3-methylphenol
Concen: 42.798 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1169352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.8 | 21.6 | 32.4 |
| 142 | 83.3 | 65.6 | 98.4 |

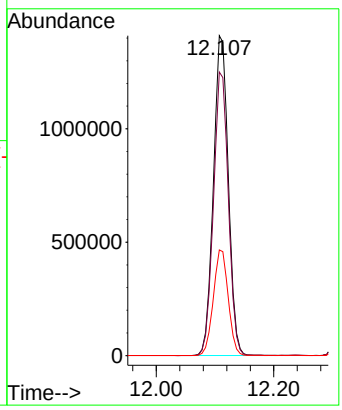





#37
2-Methylnaphthalene
Concen: 40.901 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:142 Resp: 248061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.0 | 106.6 |
| 115 | 33.0 | 26.6 | 39.8 |




**Instrument :**
BNA_P
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ICVBP111825

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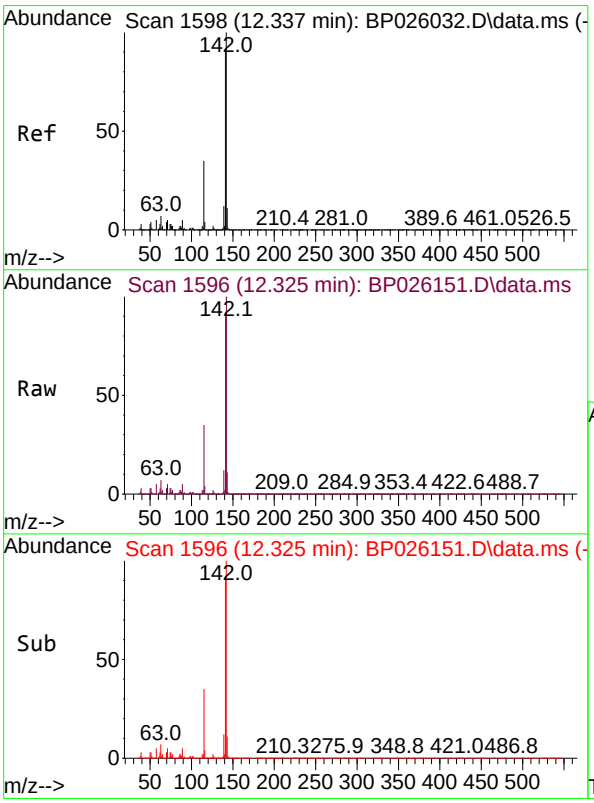
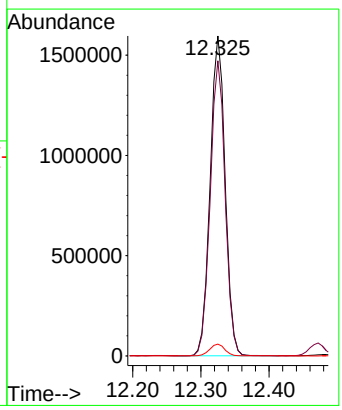
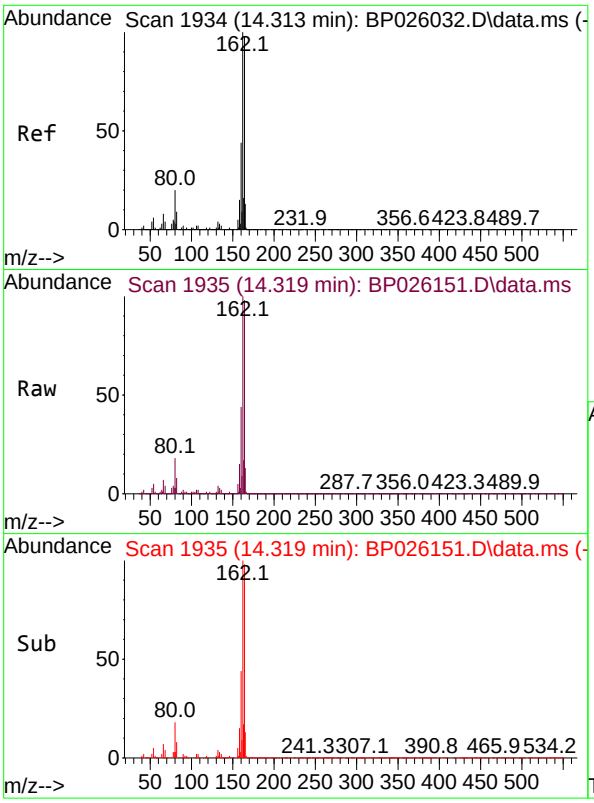



#38
1-Methylnaphthalene
Concen: 41.101 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:142 Resp: 2436446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.2 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |

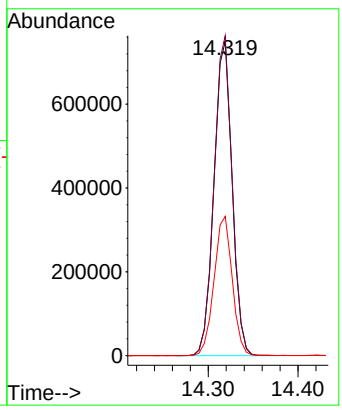





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:164 Resp: 106011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 80.3 | 120.5 |
| 160 | 44.3 | 35.2 | 52.8 |

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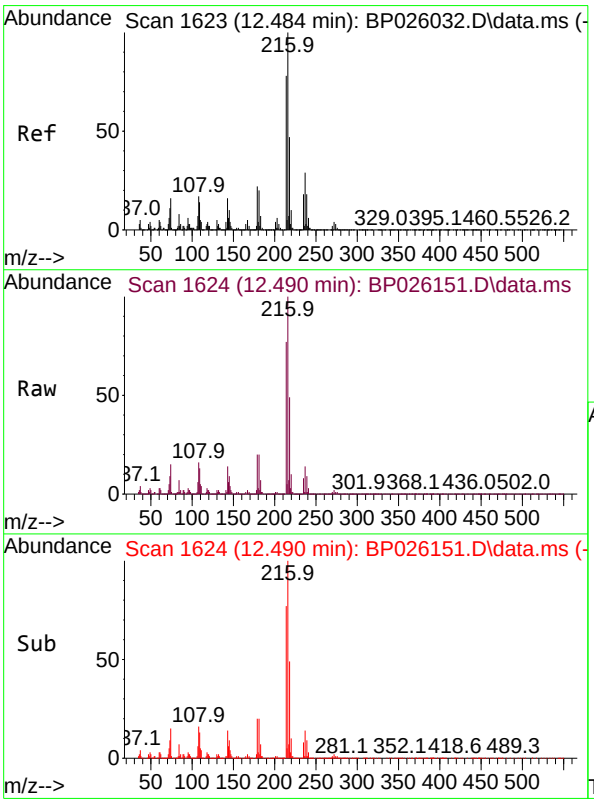
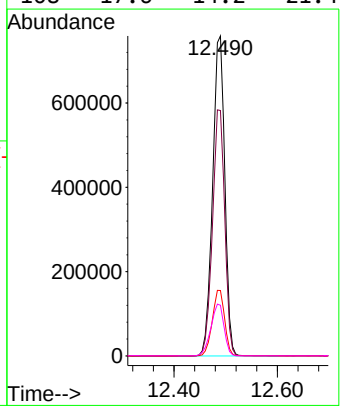
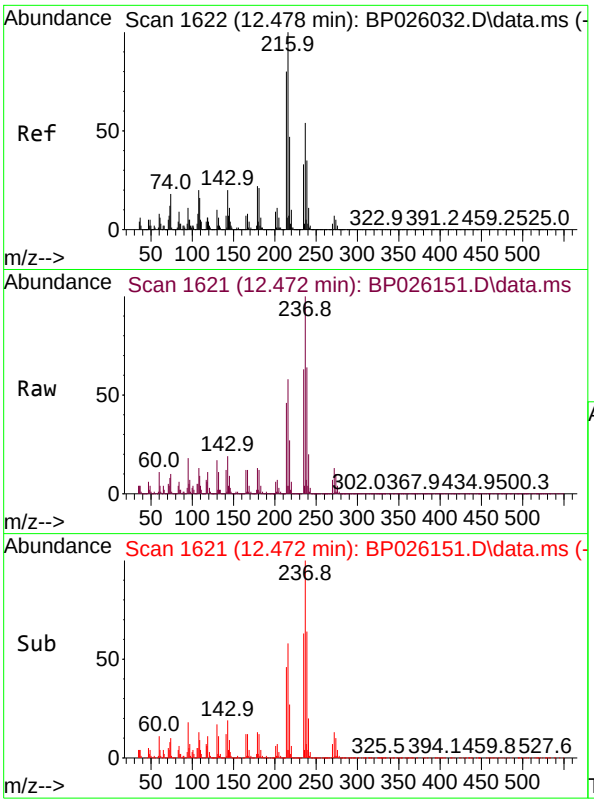



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.653 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:216 Resp: 1239031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.5 | 62.6 | 94.0 |
| 179 | 20.8 | 16.6 | 25.0 |
| 108 | 17.6 | 14.2 | 21.4 |

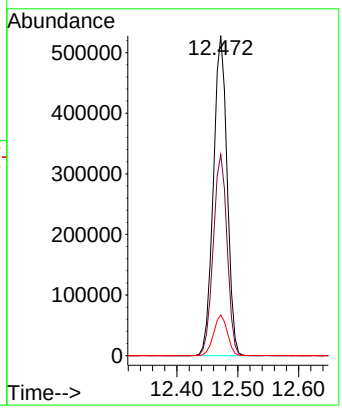





#41
Hexachlorocyclopentadiene
Concen: 39.451 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:237 Resp: 82763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 43.3 | 83.3 |
| 272 | 12.7 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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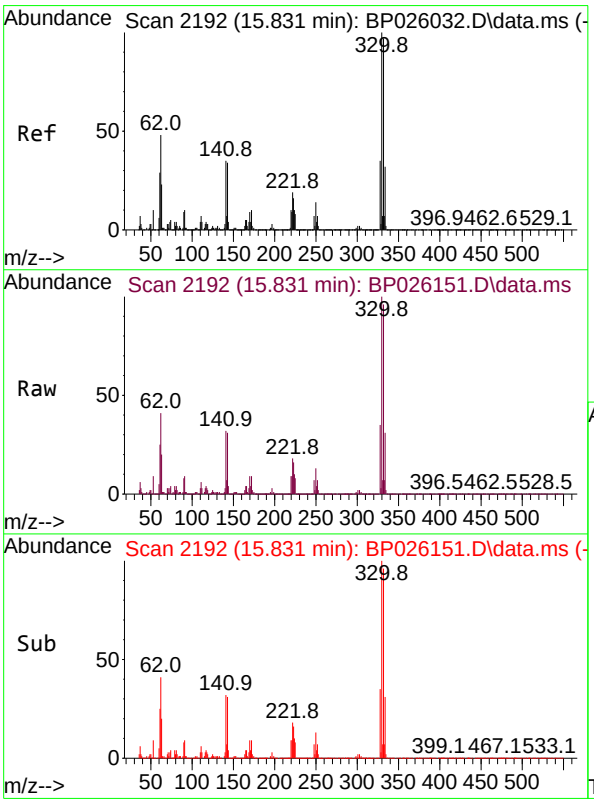
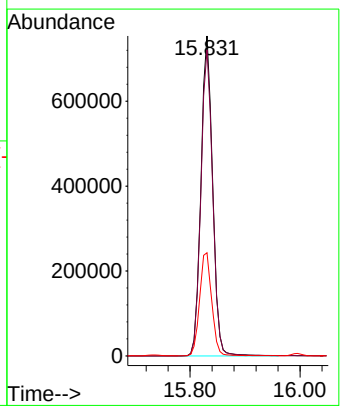
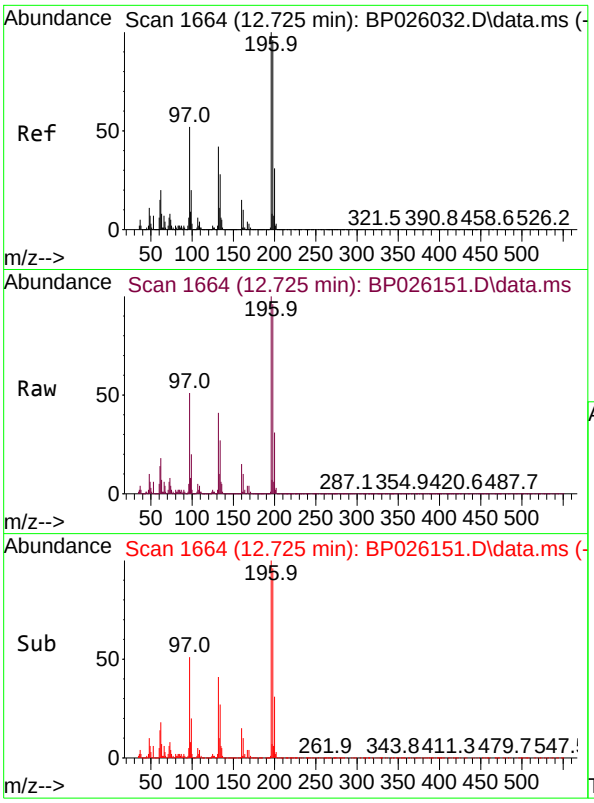



#42
2,4,6-Tribromophenol
Concen: 80.522 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:330 Resp: 1107358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 78.0 | 117.0 |
| 141 | 33.5 | 26.8 | 40.2 |

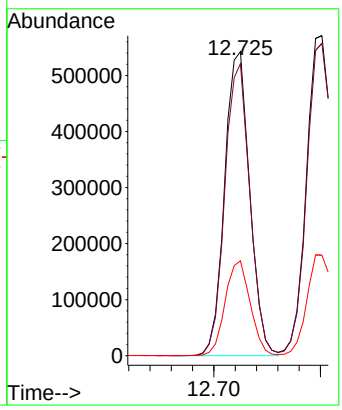





#43
2,4,6-Trichlorophenol
Concen: 40.482 ng
RT: 12.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 88962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 76.9 | 115.3 |
| 200 | 31.2 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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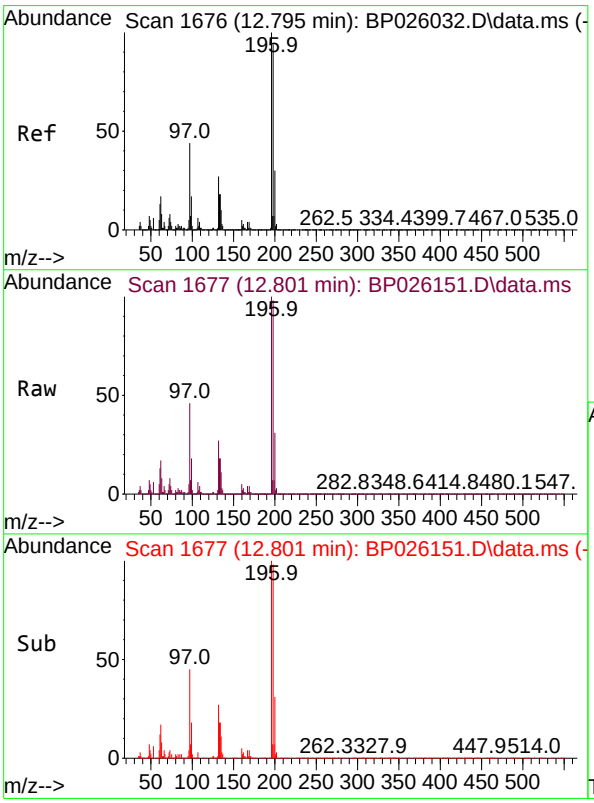
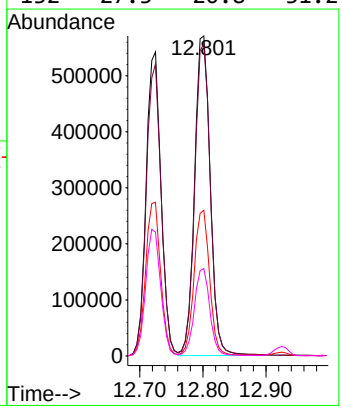
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

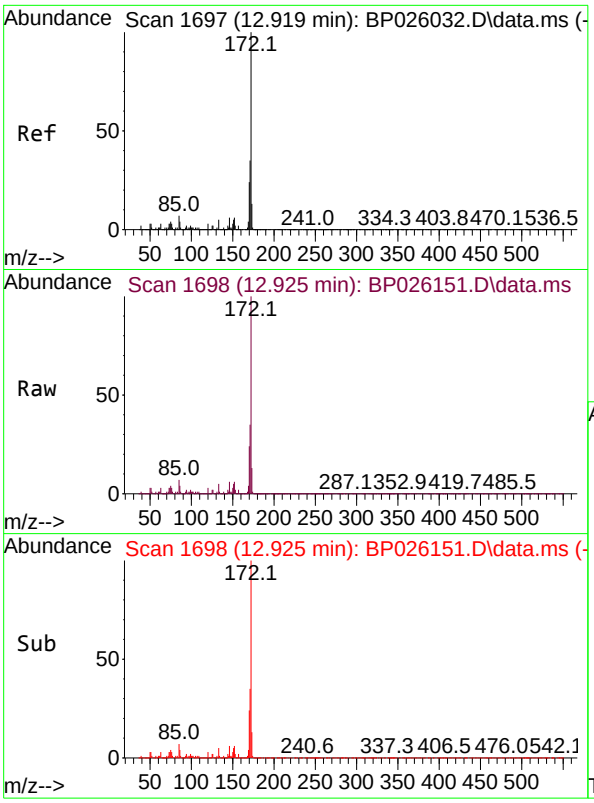



#44
2,4,5-Trichlorophenol
Concen: 40.200 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 986131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.6 | 76.4 | 114.6 |
| 97 | 45.5 | 35.7 | 53.5 |
| 132 | 27.3 | 20.8 | 31.2 |

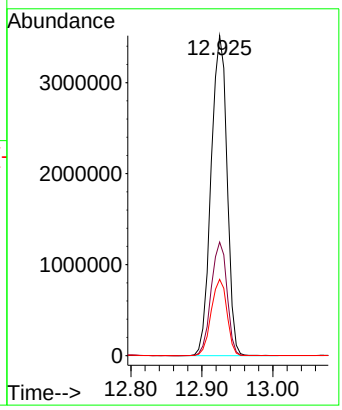





#45
2-Fluorobiphenyl
Concen: 76.016 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:172 Resp: 549847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.2 | 42.4 |
| 170 | 23.8 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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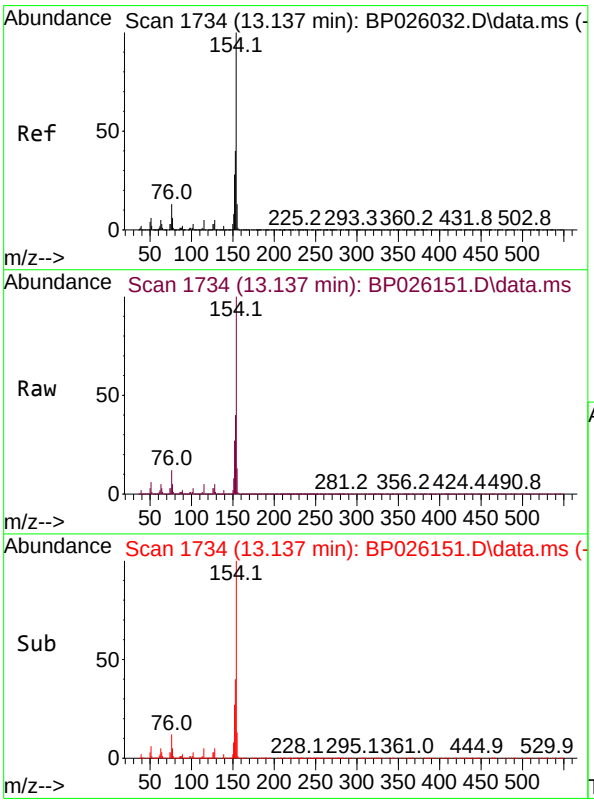
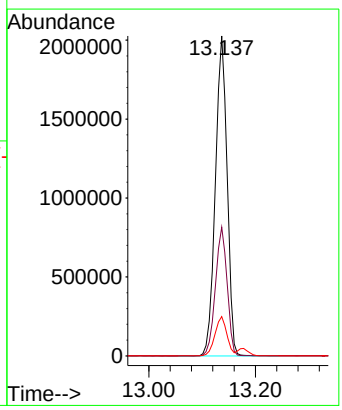
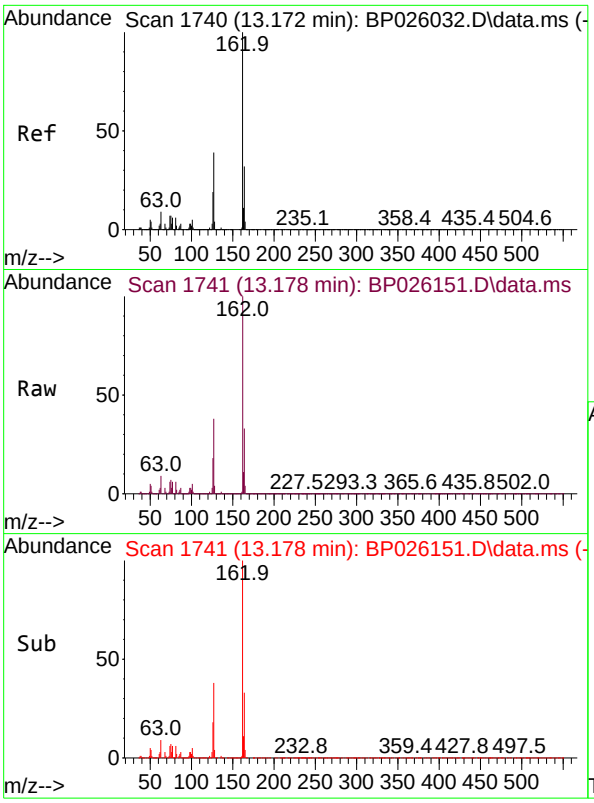



#46
1,1'-Biphenyl
Concen: 38.891 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 3104503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 12.3 | 0.0 | 32.3 |

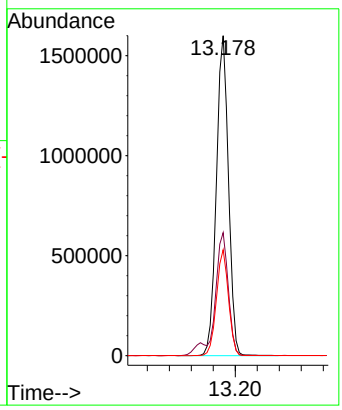





#47
2-Chloronaphthalene
Concen: 38.816 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:162 Resp: 243652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.4 | 30.9 | 46.3 |
| 164 | 33.1 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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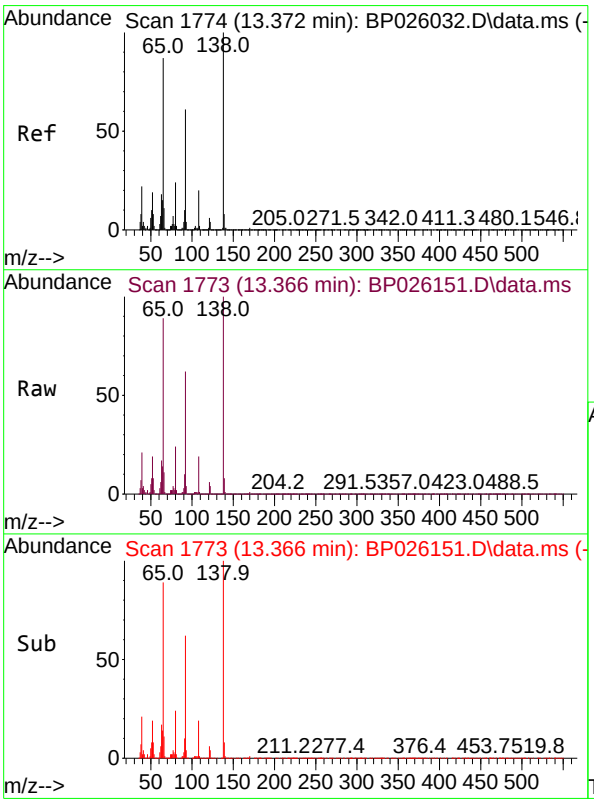
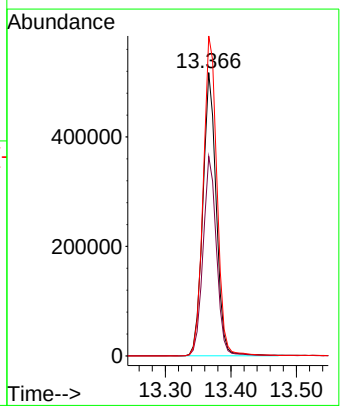
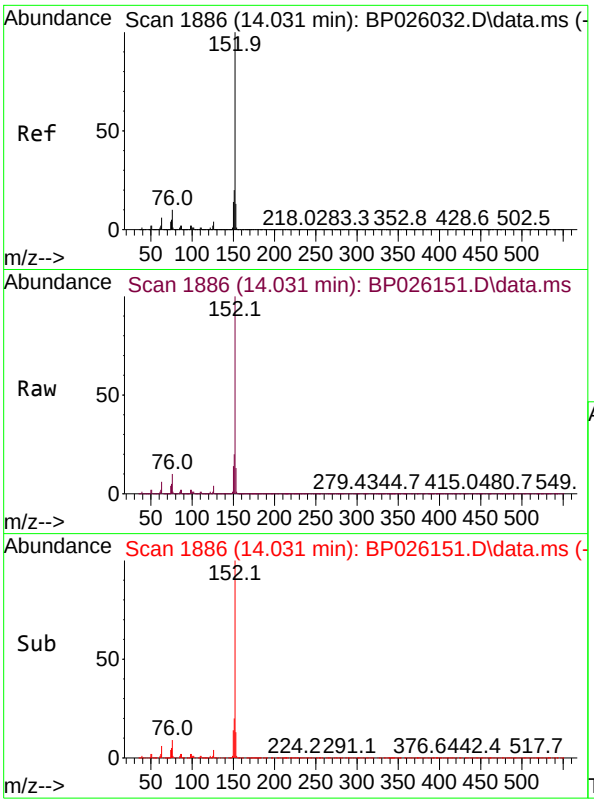



#48
2-Nitroaniline
Concen: 41.880 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 65 Resp: 731047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.4 | 59.1 | 88.7 |
| 138 | 112.9 | 96.6 | 145.0 |

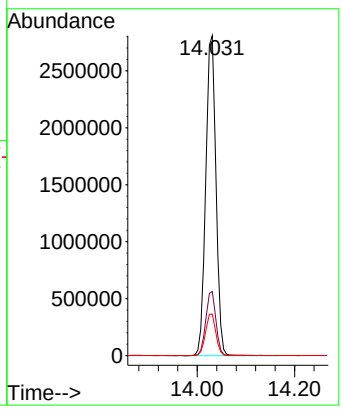





#49
Acenaphthylene
Concen: 39.676 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:152 Resp: 410811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 13.0 | 10.6 | 16.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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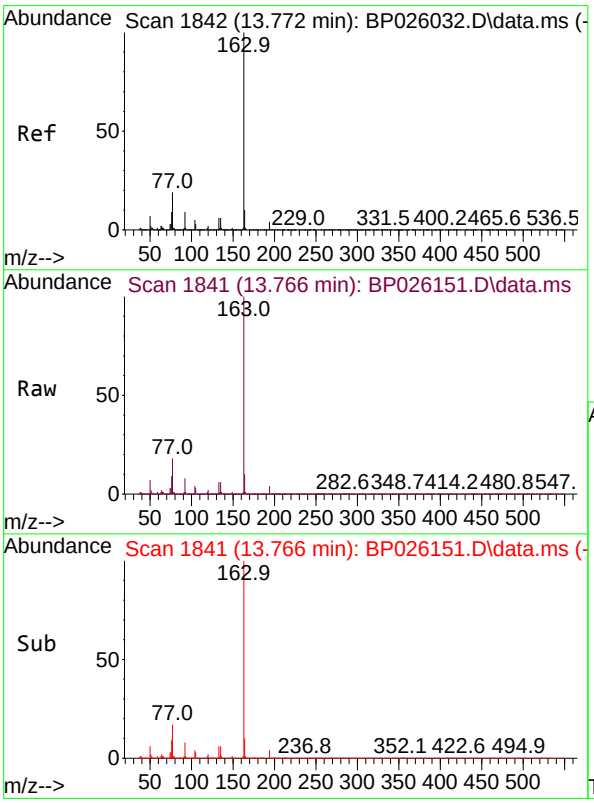
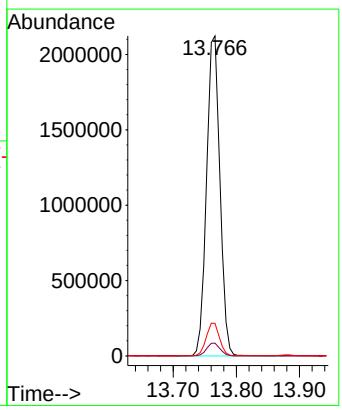
Supervised By :Sohil Jodhani 11/19/2025

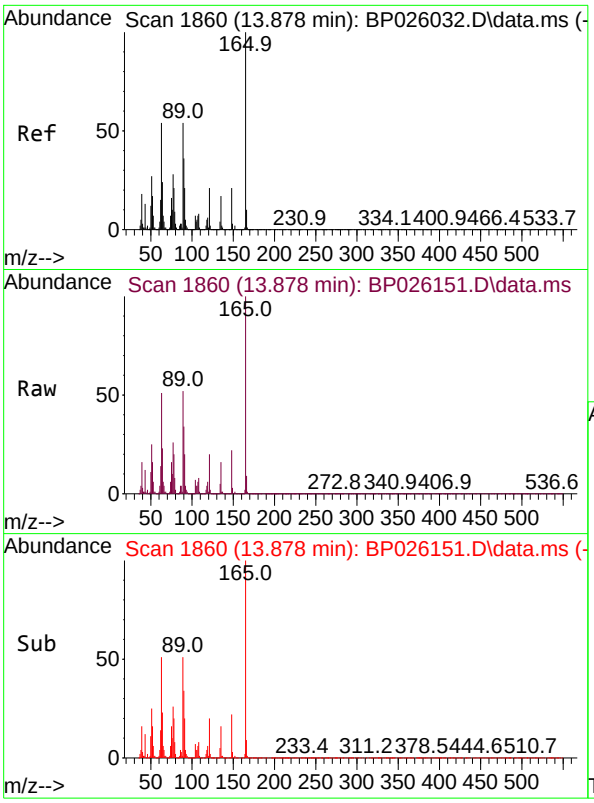



#50
Dimethylphthalate
Concen: 39.365 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:163 Resp: 3116904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.2 | 8.2 | 12.2 |

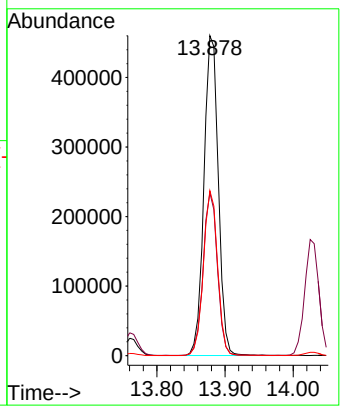





#51
2,6-Dinitrotoluene
Concen: 43.045 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:165 Resp: 675339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.9 | 40.5 | 60.7 |
| 89 | 51.5 | 41.3 | 61.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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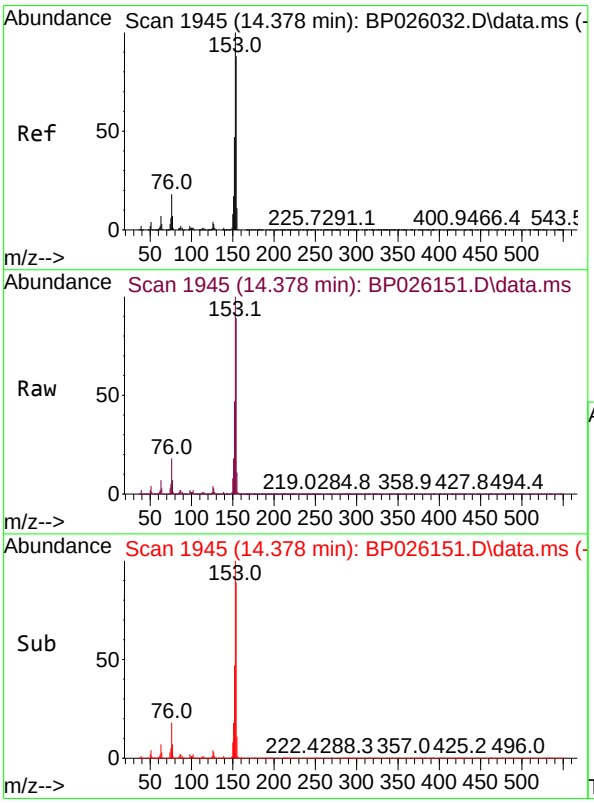
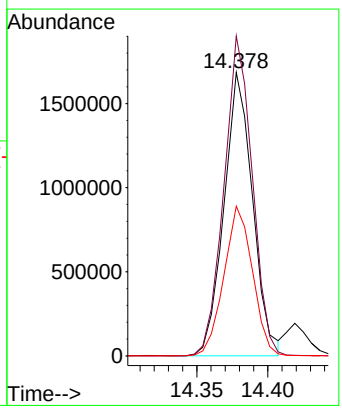
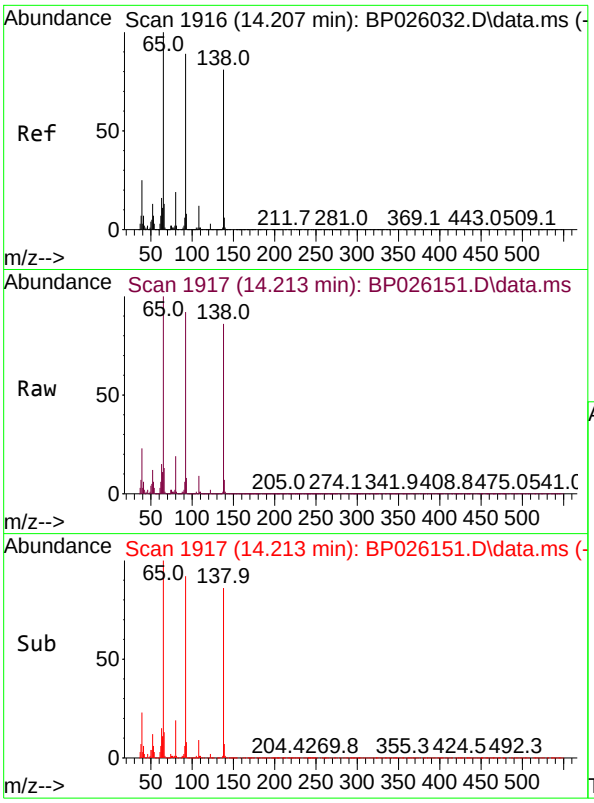



#52
Acenaphthene
Concen: 38.919 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 2361523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.7 | 136.1 |
| 152 | 52.8 | 42.8 | 64.2 |






#53
3-Nitroaniline
Concen: 42.369 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:138 Resp: 78267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 8.9 | 13.3 |
| 92 | 106.9 | 86.3 | 129.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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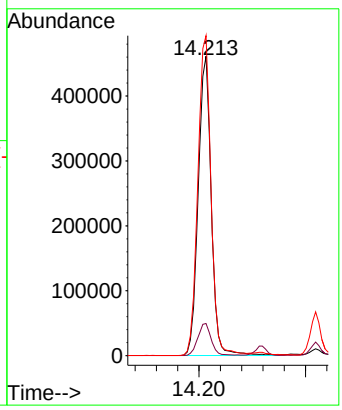
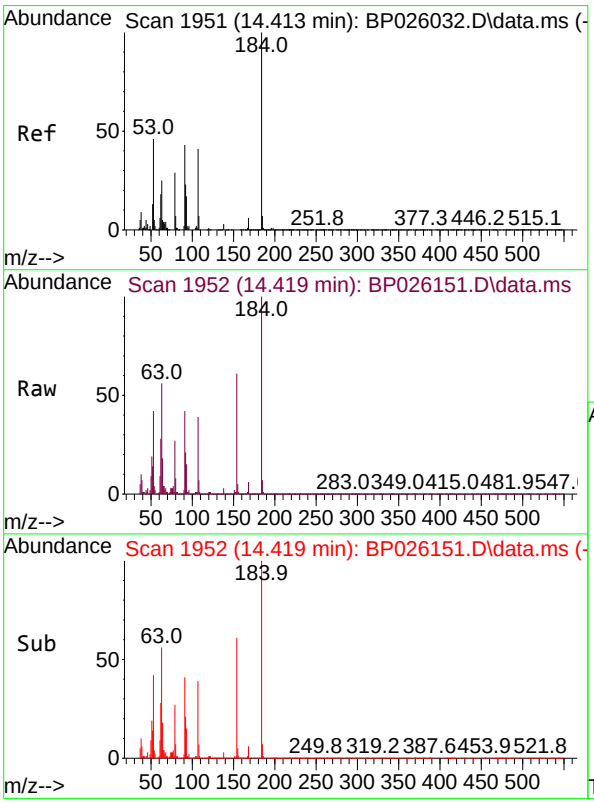
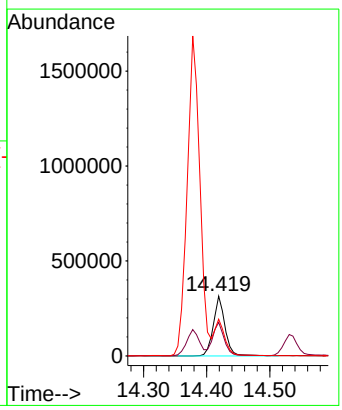


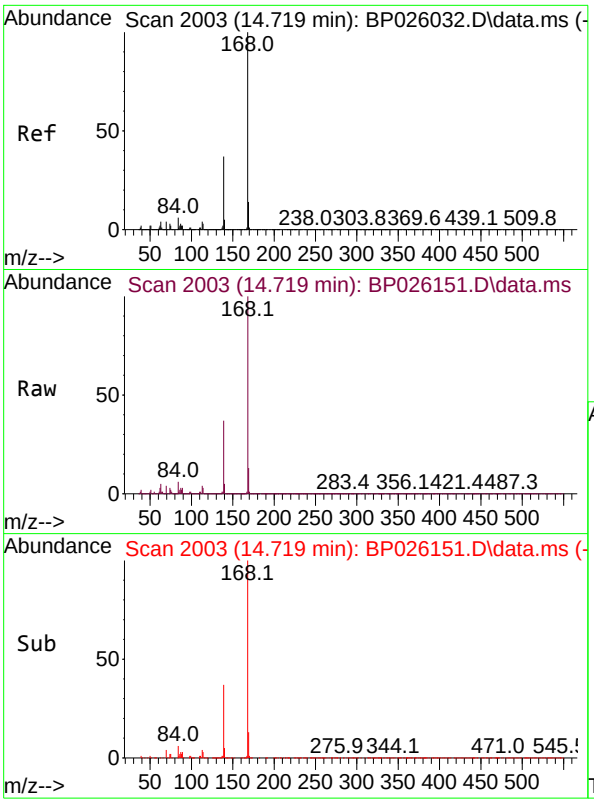




#54
2,4-Dinitrophenol
Concen: 42.569 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 403157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 56.0 | 43.1 | 64.7 |
| 154 | 61.3 | 49.5 | 74.3 |

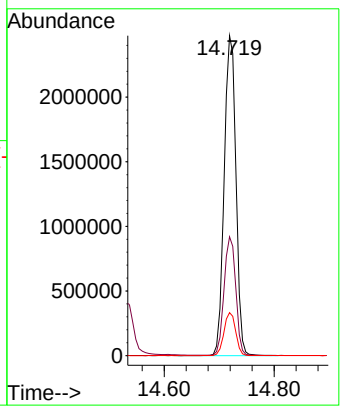





#55
Dibenzofuran
Concen: 39.037 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:168 Resp: 366877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.1 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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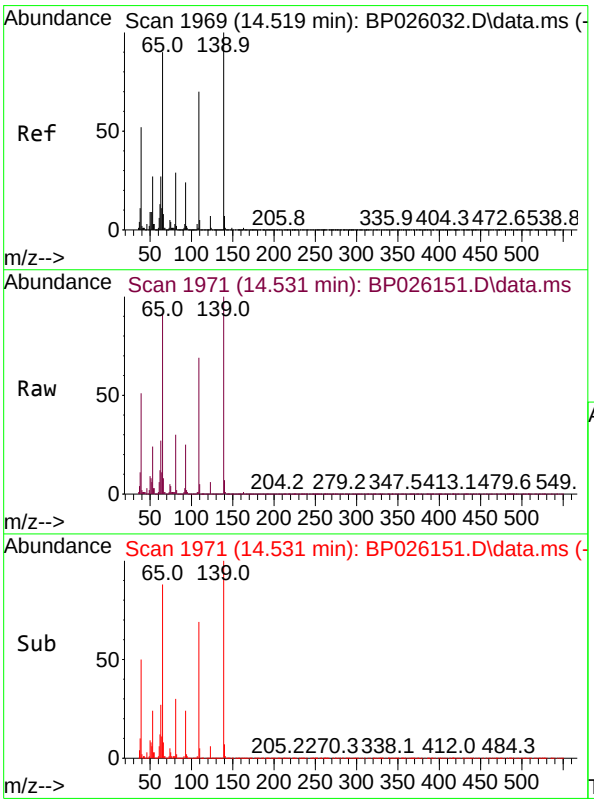
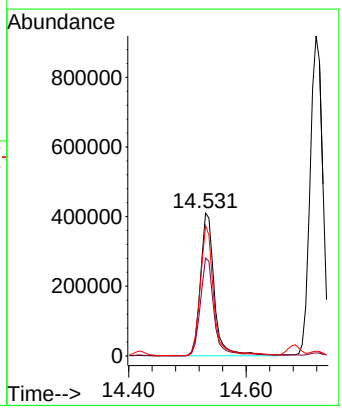
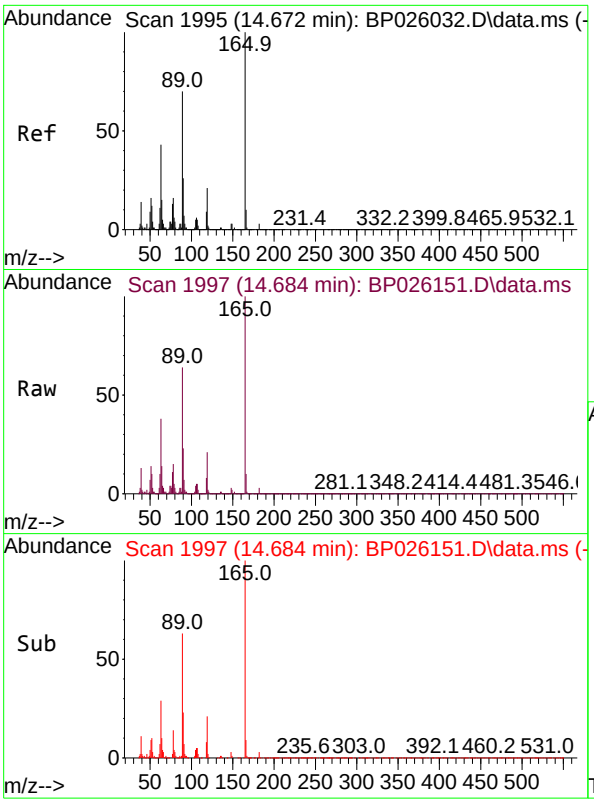



#56
4-Nitrophenol
Concen: 40.312 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:139 Resp: 673671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.6 | 46.8 | 86.8 |
| 65 | 91.3 | 69.3 | 109.3 |

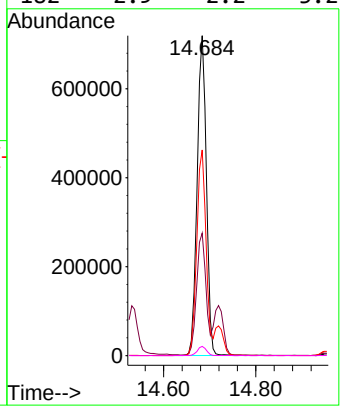





#57
2,4-Dinitrotoluene
Concen: 42.577 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:165 Resp: 99742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.3 | 31.0 | 46.6 |
| 89 | 64.3 | 51.7 | 77.5 |
| 182 | 2.9 | 2.2 | 3.2 |




**Instrument :**
BNA_P
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ICVBP111825

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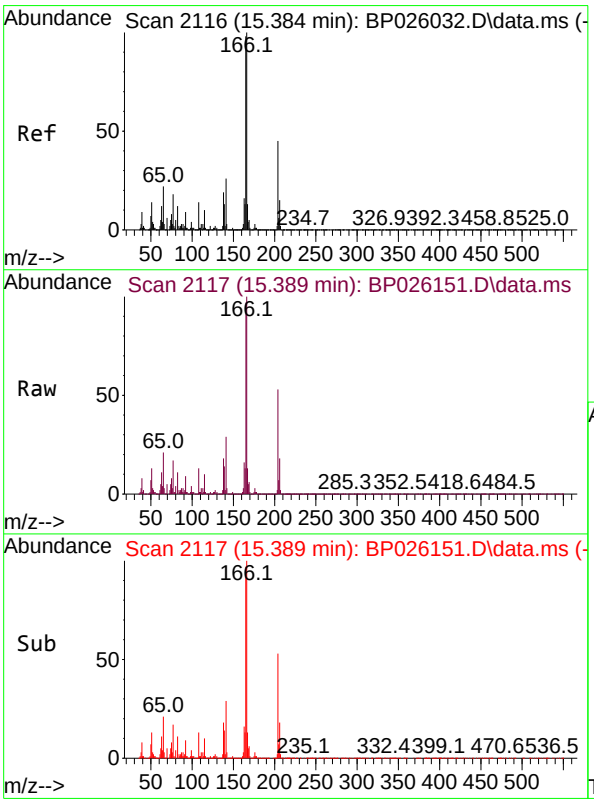
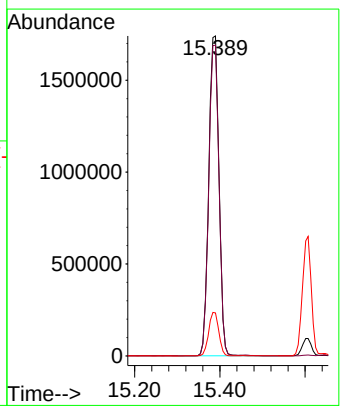
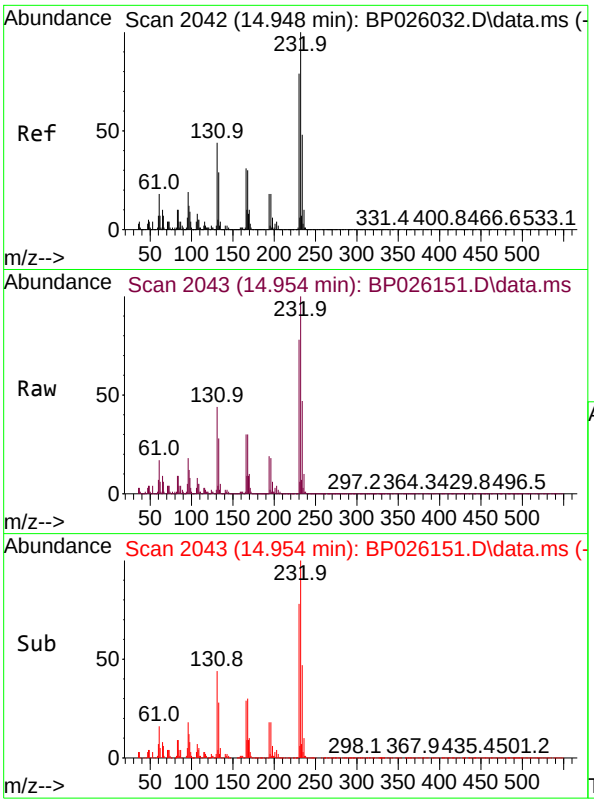



#58
Fluorene
Concen: 38.962 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:166 Resp: 2894223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.1 | 77.9 | 116.9 |
| 167 | 13.5 | 11.0 | 16.4 |

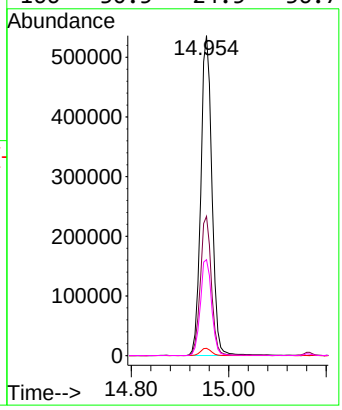





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.668 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:232 Resp: 846319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 34.8 | 52.2 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 30.5 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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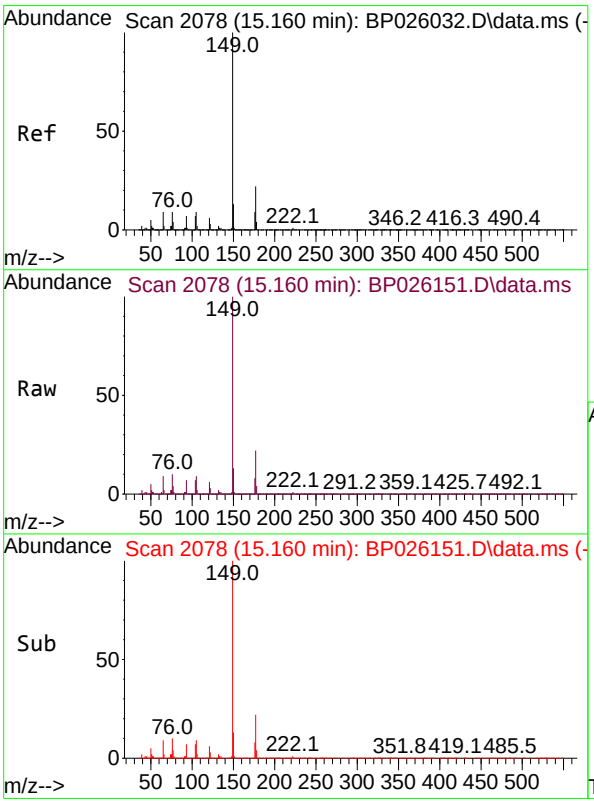
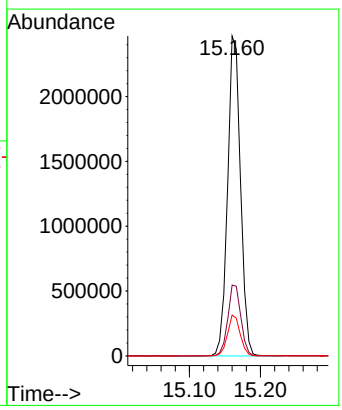
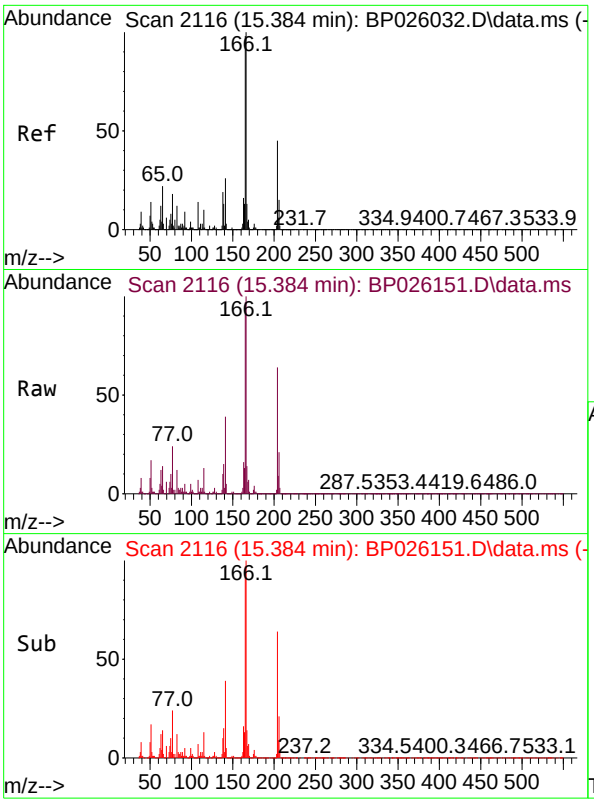



#60
Diethylphthalate
Concen: 39.059 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 3115428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.9 | 26.9 |
| 150 | 12.8 | 9.9 | 14.9 |






#61
4-Chlorophenyl-phenylether
Concen: 38.882 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Tgt Ion:204 Resp: 143711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 26.2 | 39.2 |
| 141 | 60.2 | 48.1 | 72.1 |

**Manual Integrations**
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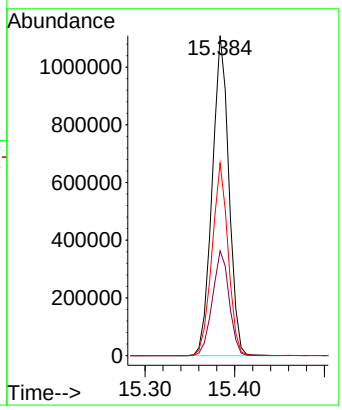
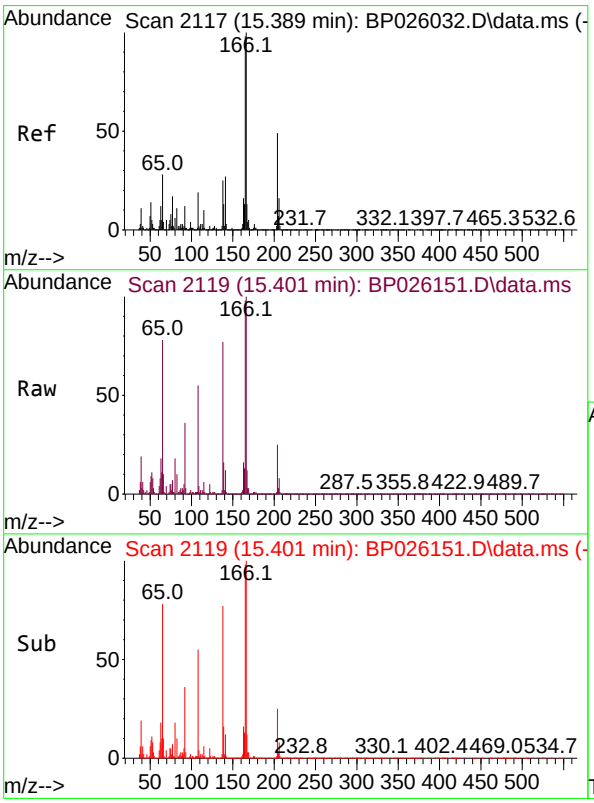
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

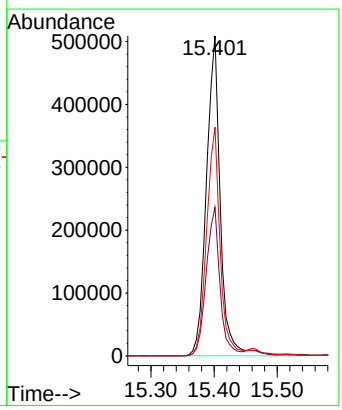


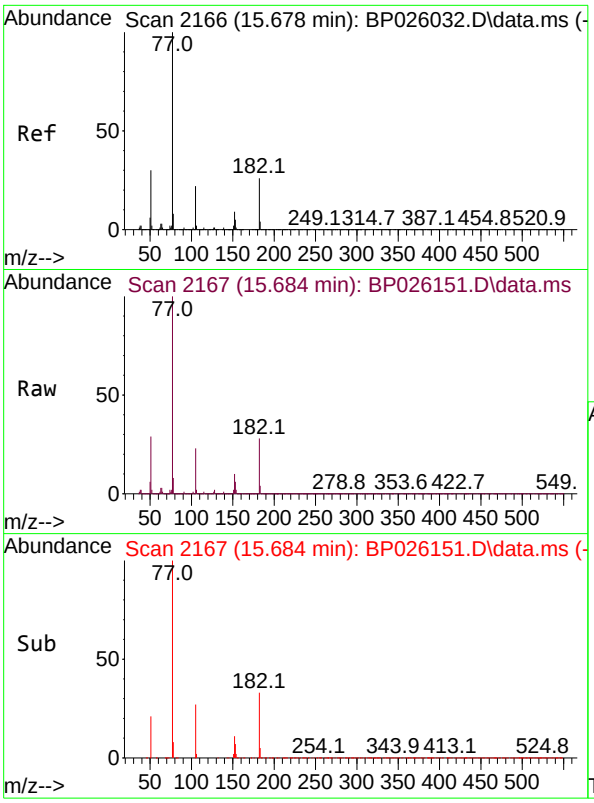




#62
4-Nitroaniline
Concen: 40.700 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:138 Resp: 780732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.4 | 27.5 | 67.5 |
| 108 | 71.5 | 51.1 | 91.1 |

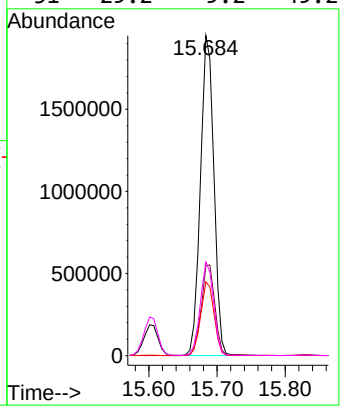





#63
Azobenzene
Concen: 39.832 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 267892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.1 | 8.8 | 48.8 |
| 105 | 23.0 | 2.6 | 42.6 |
| 51 | 29.2 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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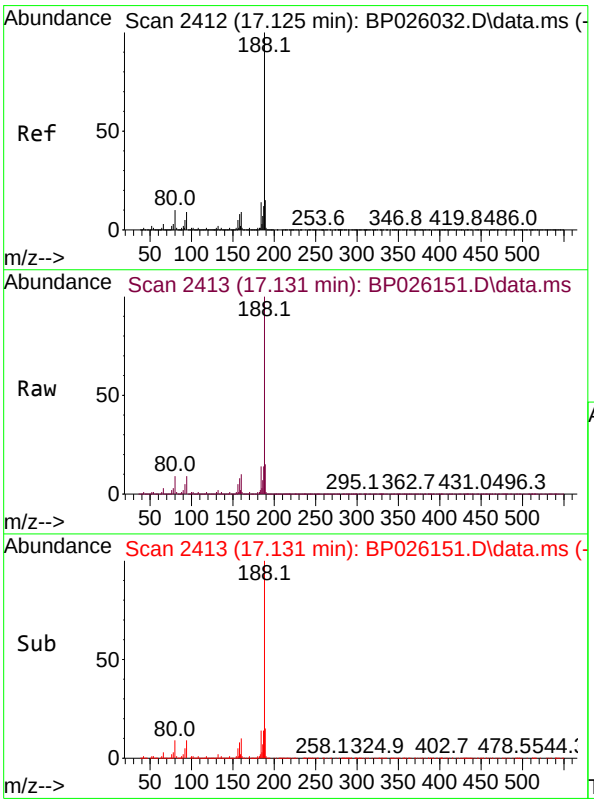
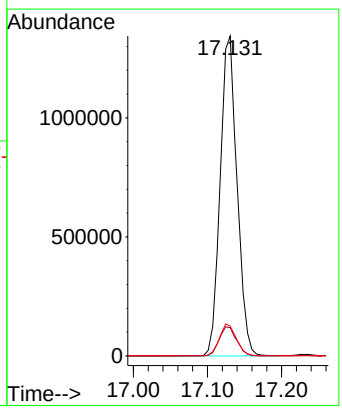
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

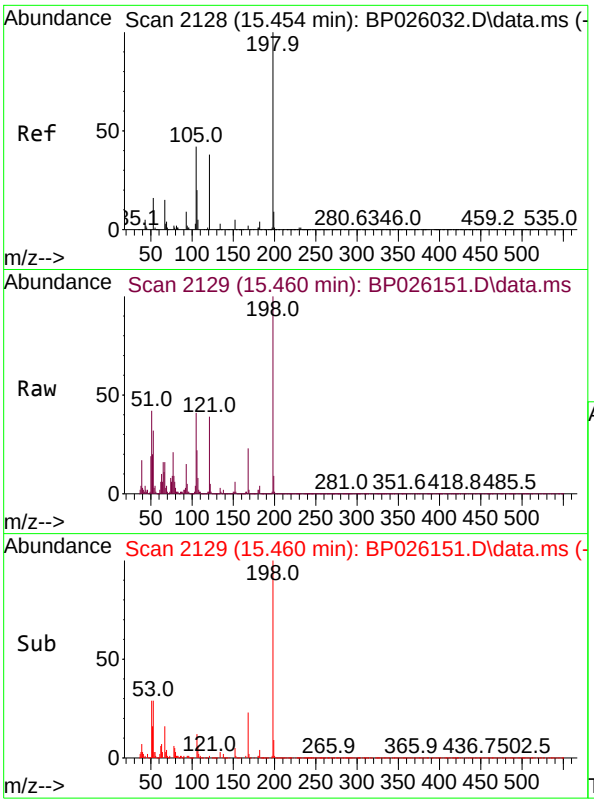



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:188 Resp: 2119946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 7.8 | 11.6 |
| 80 | 9.3 | 8.2 | 12.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 42.199 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:198 Resp: 56832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 41.6 | 18.4 | 58.4 |
| 105 | 41.3 | 18.5 | 58.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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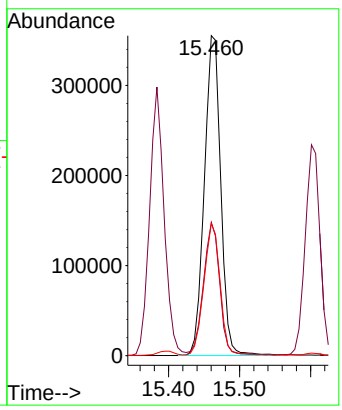
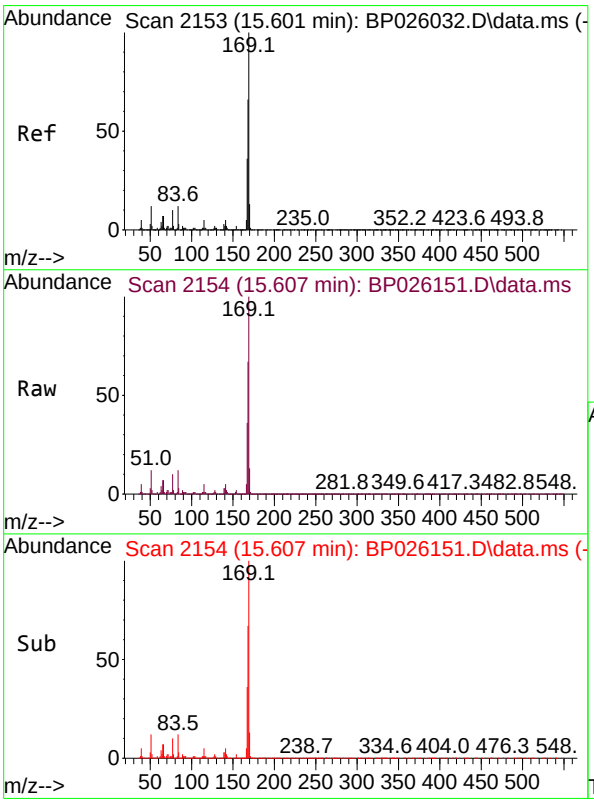
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

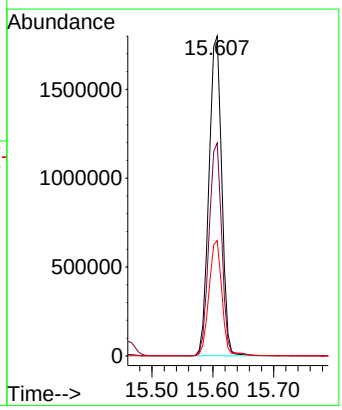


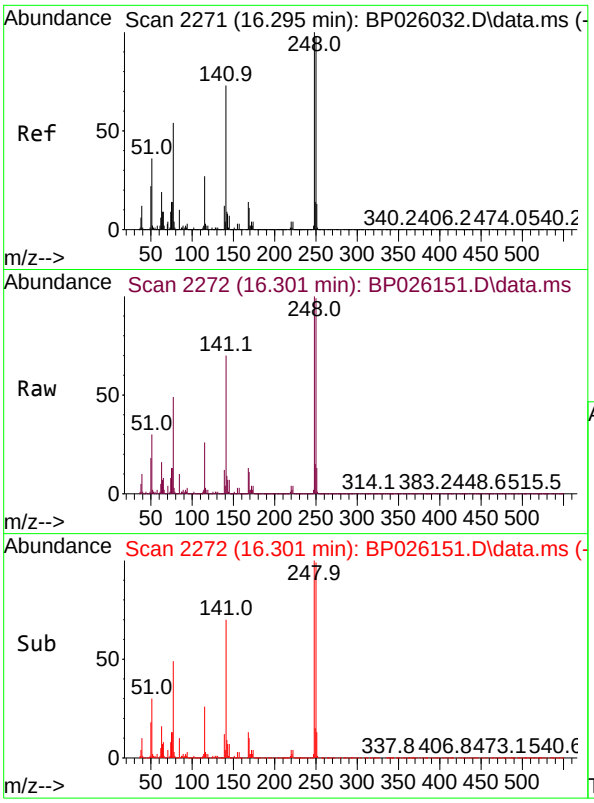




#66
n-Nitrosodiphenylamine
Concen: 40.009 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:169 Resp: 2623713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 36.1 | 28.9 | 43.3 |

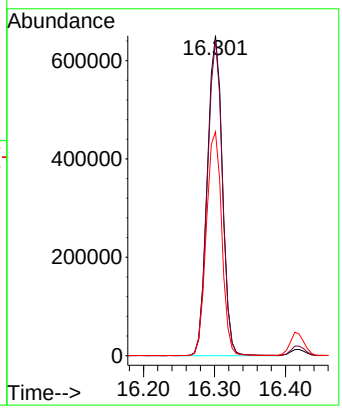





#67
4-Bromophenyl-phenylether
Concen: 40.921 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:248 Resp: 96073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.7 | 77.8 | 116.6 |
| 141 | 69.9 | 55.4 | 83.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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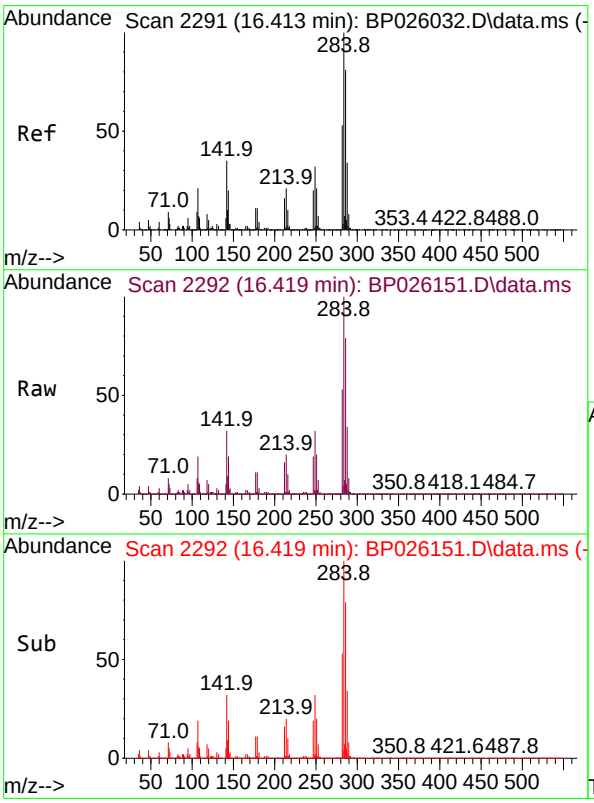
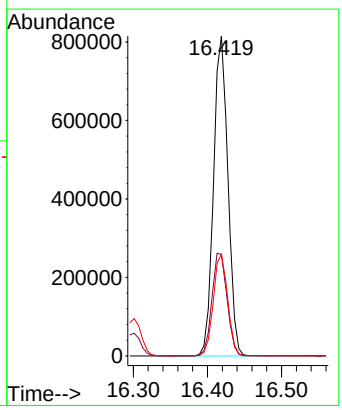
Supervised By :Sohil Jodhani 11/19/2025

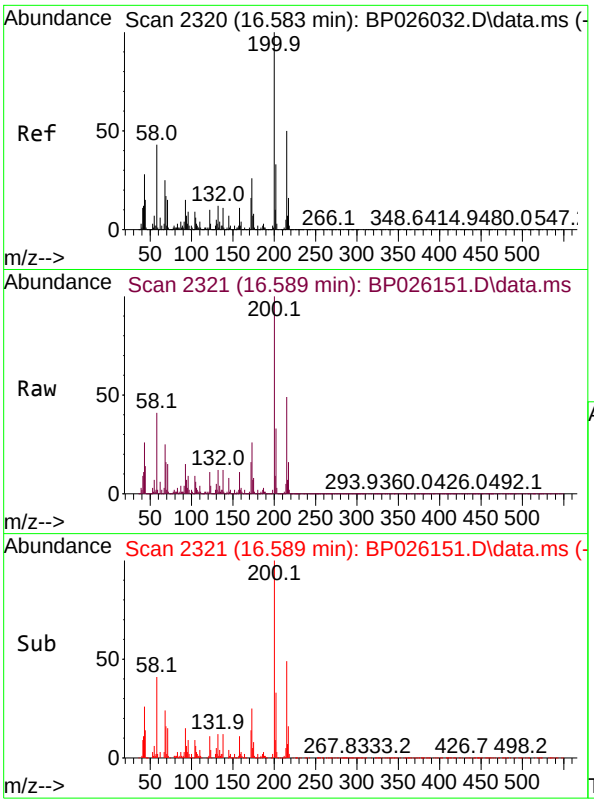



#68
Hexachlorobenzene
Concen: 40.295 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:284 Resp: 1097761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.7 | 28.0 | 42.0 |
| 249 | 31.8 | 25.0 | 37.4 |

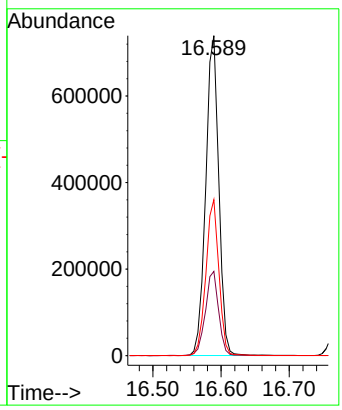





#69
Atrazine
Concen: 39.843 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:200 Resp: 98527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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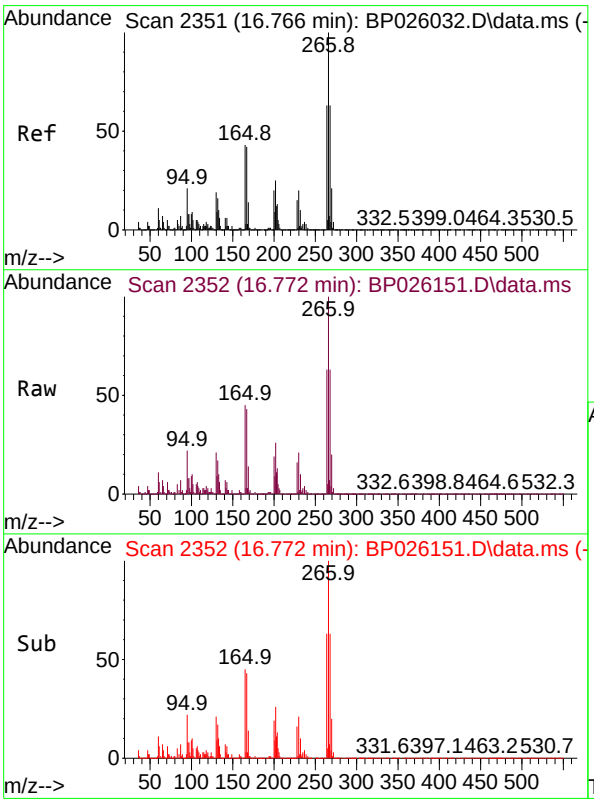
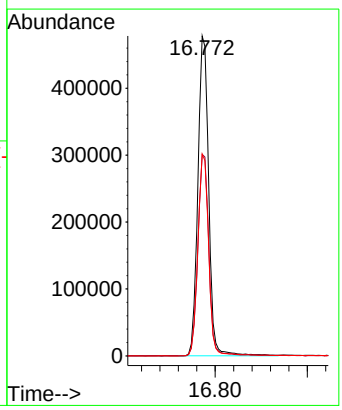
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

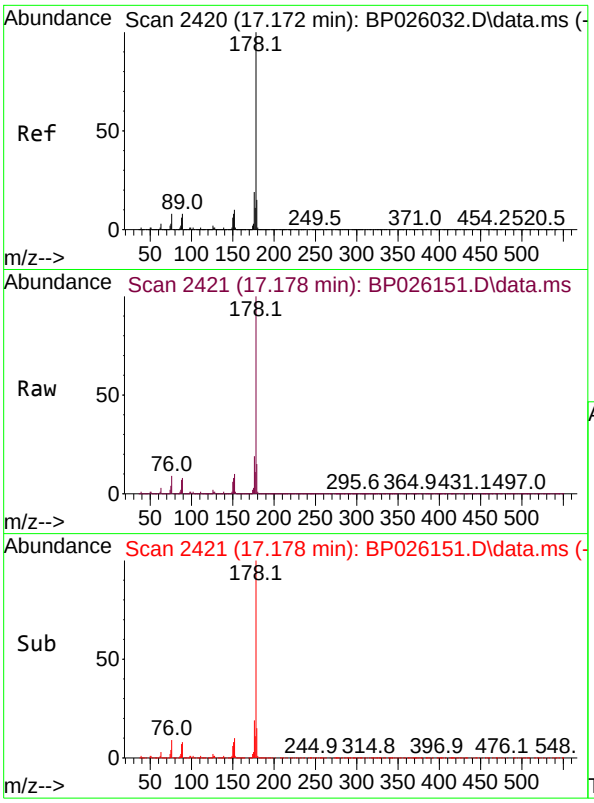



#70
Pentachlorophenol
Concen: 40.719 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:266 Resp: 775987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.0 | 51.0 | 76.4 |
| 264 | 63.1 | 50.2 | 75.2 |

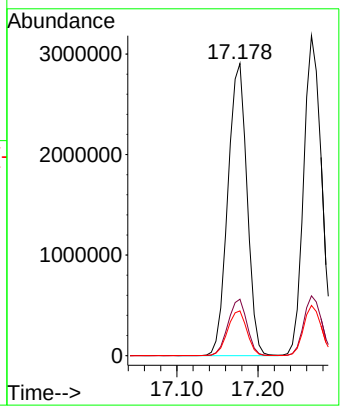





#71
Phenanthrene
Concen: 39.930 ng
RT: 17.178 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:178 Resp: 476847

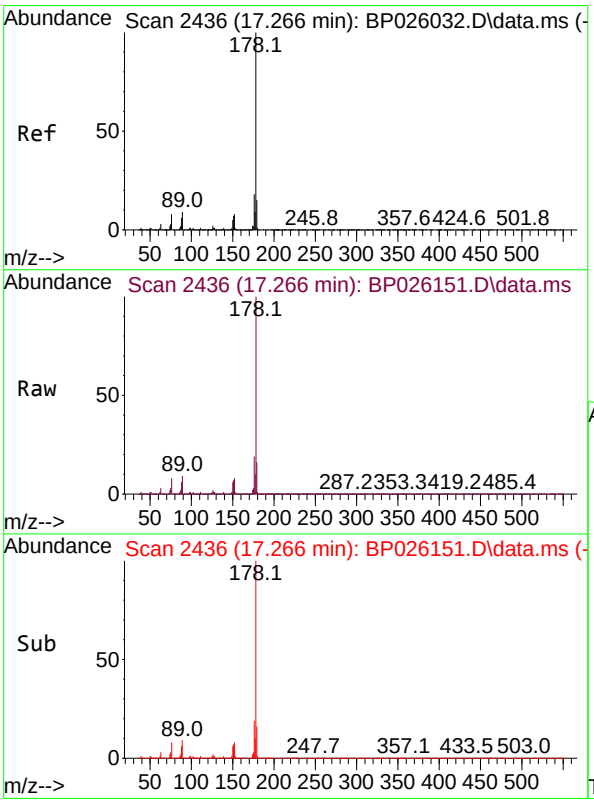
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.2 |
| 179 | 15.3 | 12.4 | 18.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

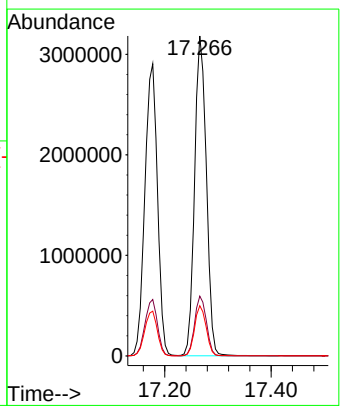
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

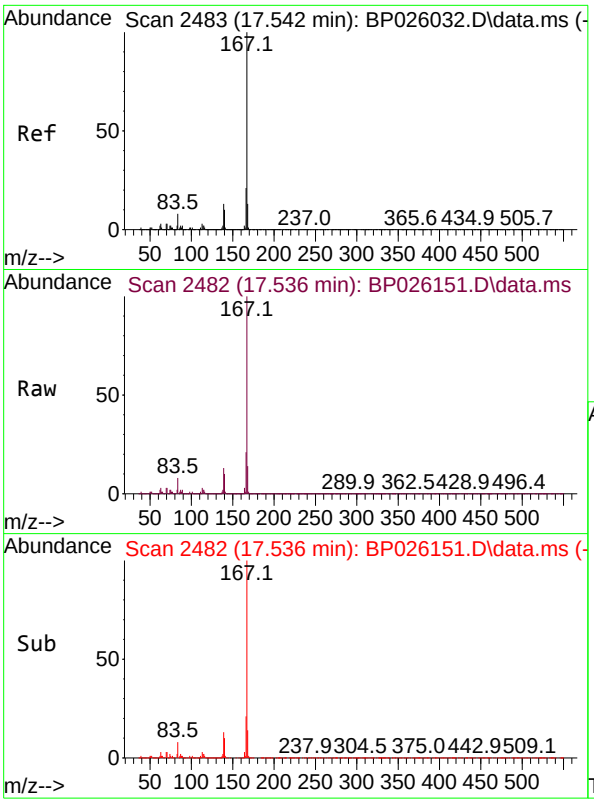



#72
Anthracene
Concen: 40.026 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:178 Resp: 4875395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.8 | 22.2 |
| 179 | 15.7 | 12.2 | 18.4 |

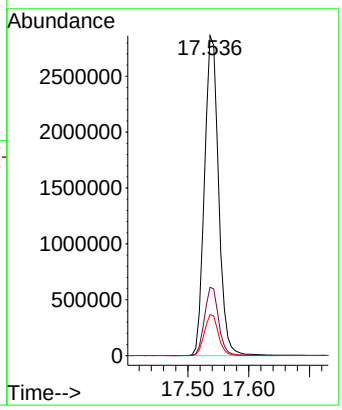





#73
Carbazole
Concen: 39.777 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:167 Resp: 460169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.1 | 25.7 |
| 139 | 12.8 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

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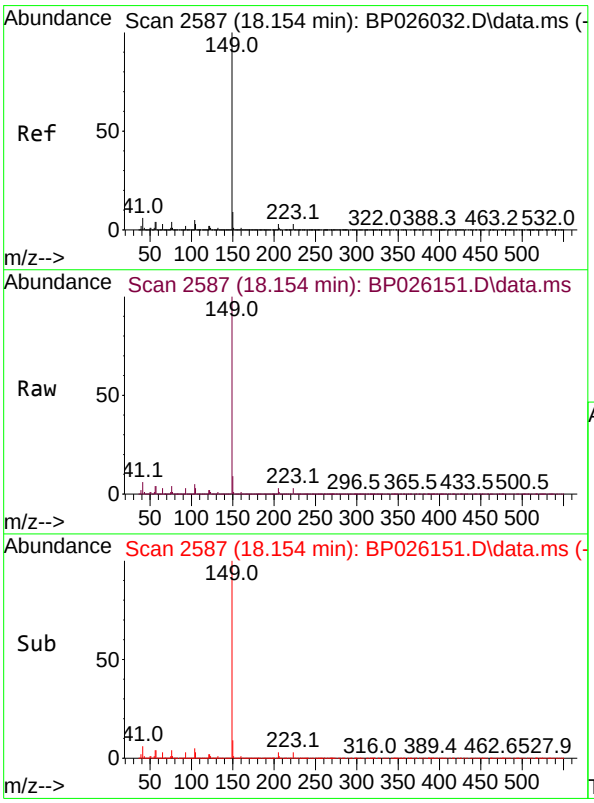
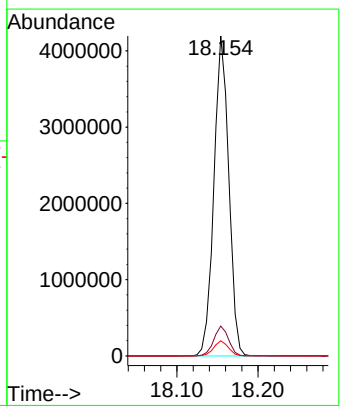
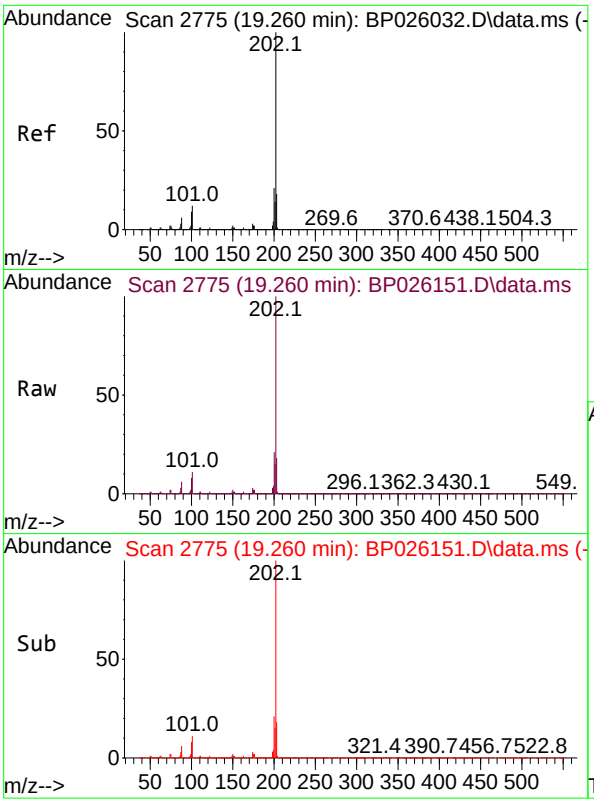



#74
Di-n-butylphthalate
Concen: 38.873 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 5331384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |

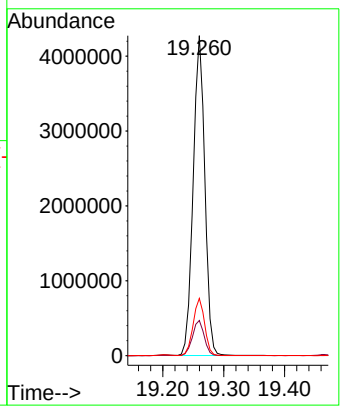





#75
Fluoranthene
Concen: 39.137 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:202 Resp: 567869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 31.2 |
| 203 | 17.9 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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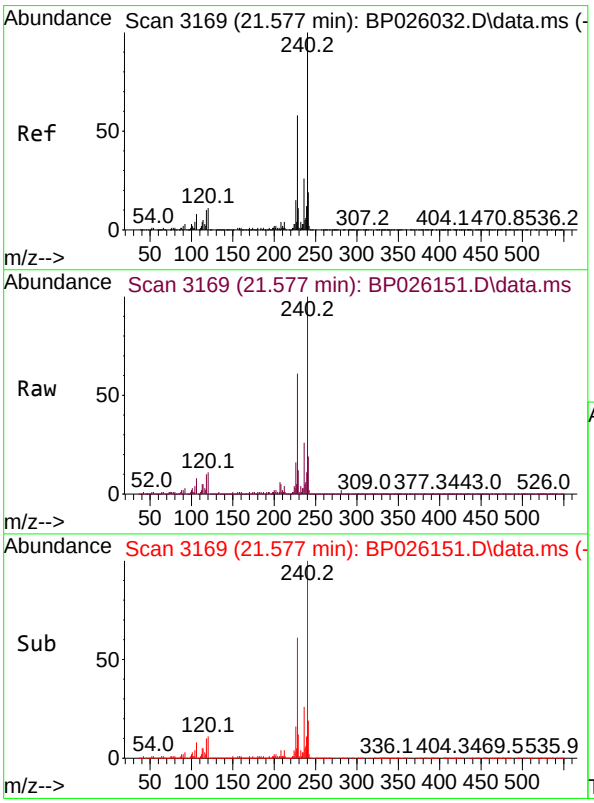
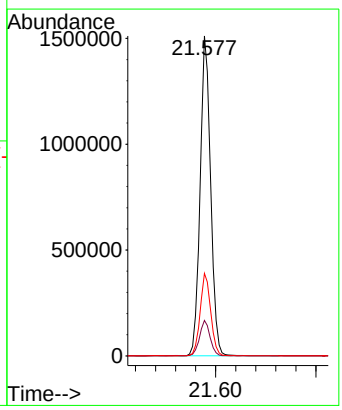
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

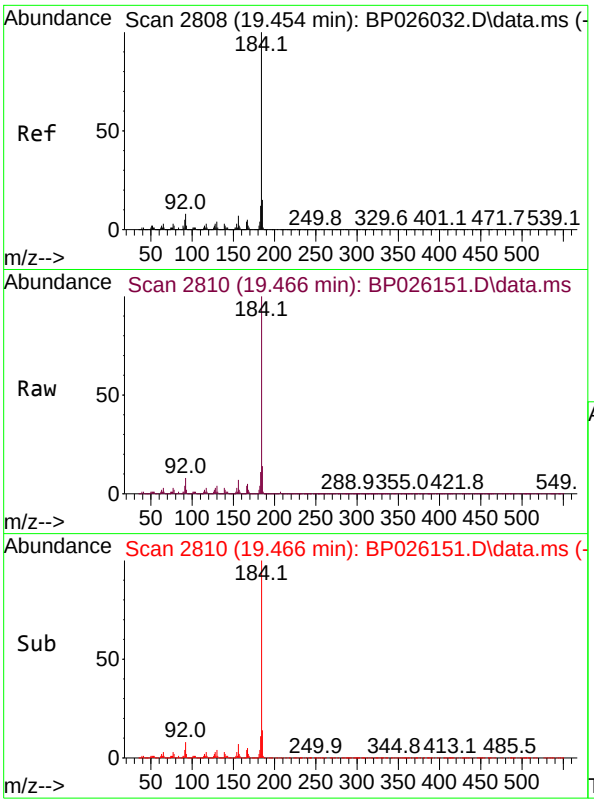



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:240 Resp: 2196318

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

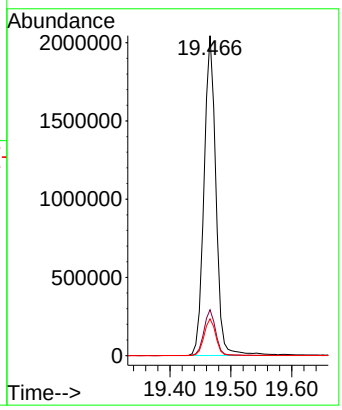





#77
Benzidine
Concen: 39.739 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 276988

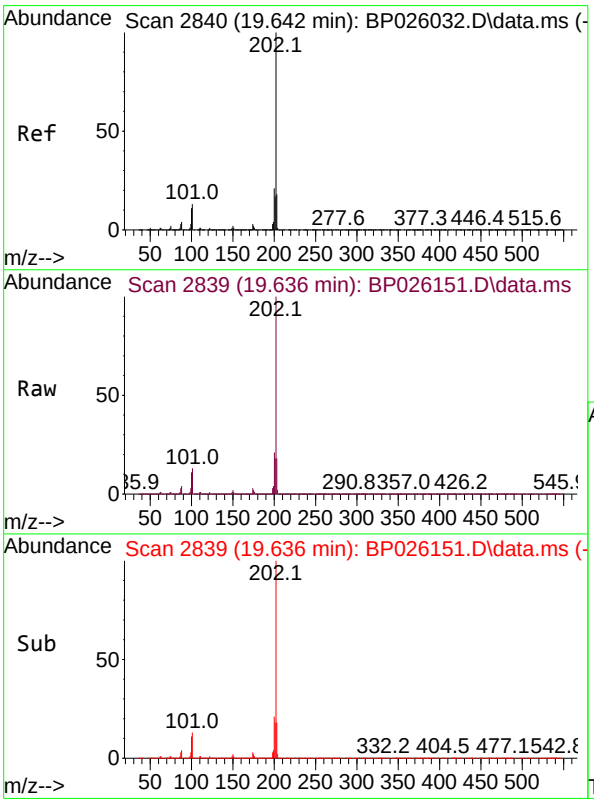
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.3 | 16.9 |
| 183 | 11.5 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

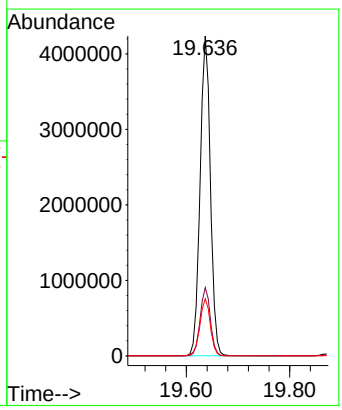
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

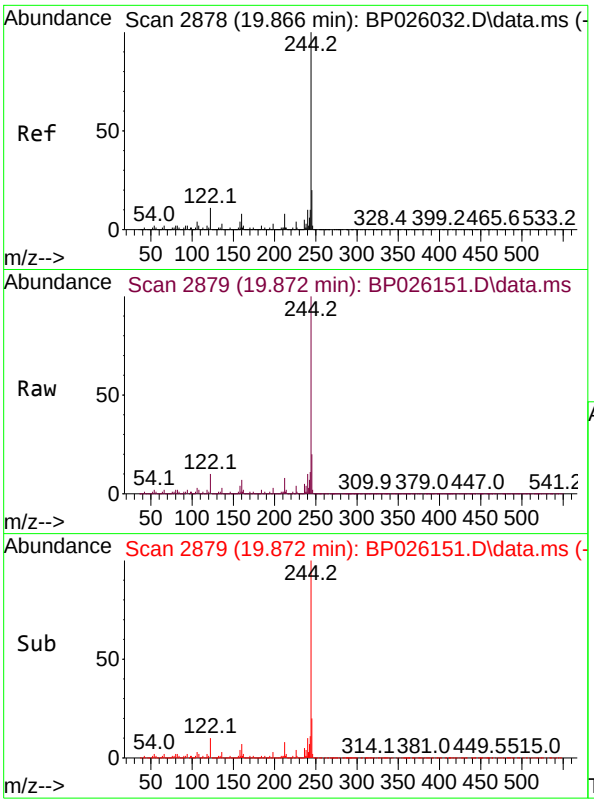



#78
Pyrene
Concen: 40.685 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:202 Resp: 5858930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 16.9 | 25.3 |
| 203 | 17.8 | 13.8 | 20.8 |

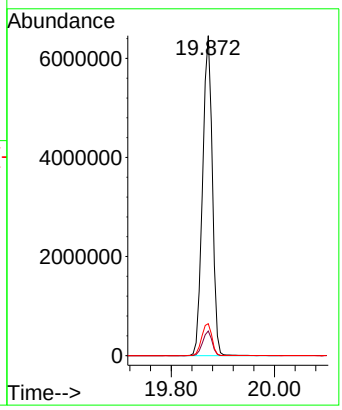





#79
Terphenyl-d14
Concen: 78.411 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:244 Resp: 844590

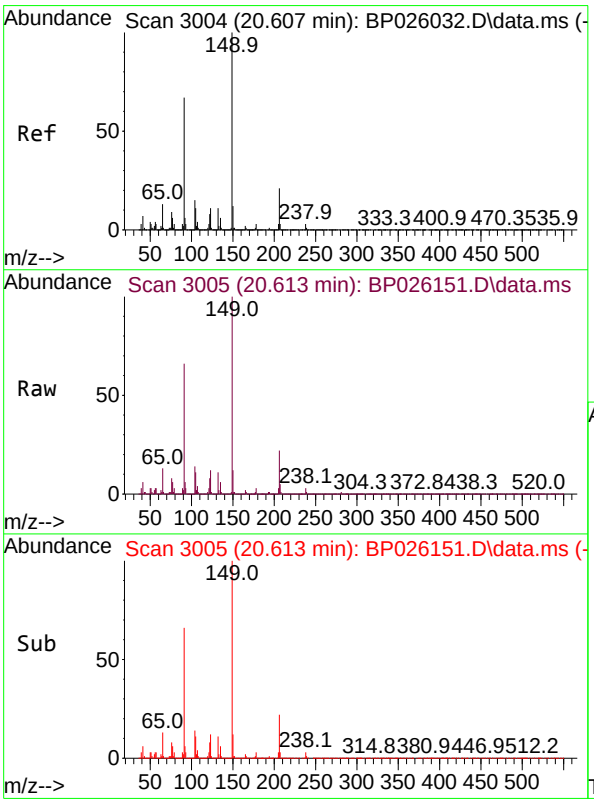
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.8 | 8.8 |
| 122 | 10.0 | 8.2 | 12.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

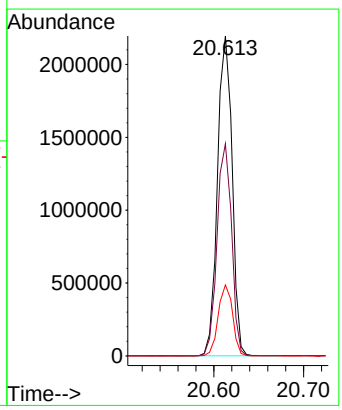
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

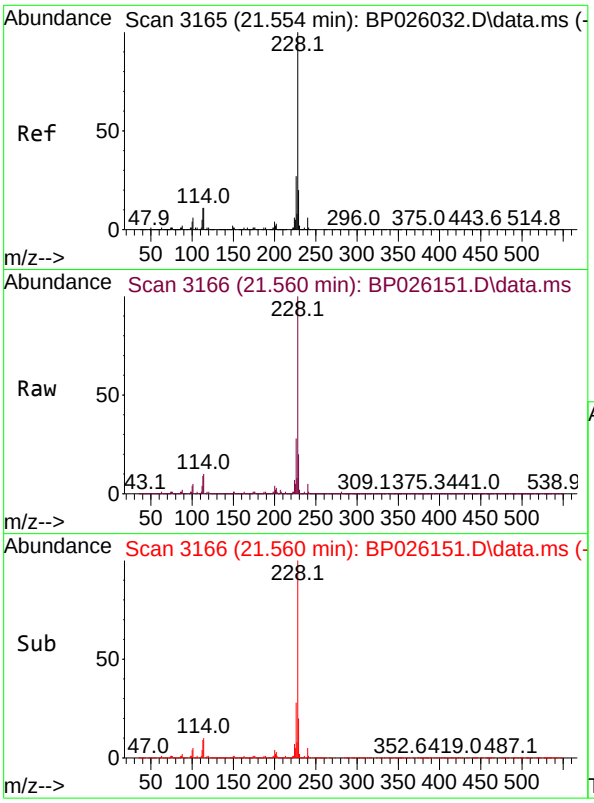



#80
Butylbenzylphthalate
Concen: 39.196 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 2485794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.3 | 52.6 | 79.0 |
| 206 | 22.2 | 16.9 | 25.3 |

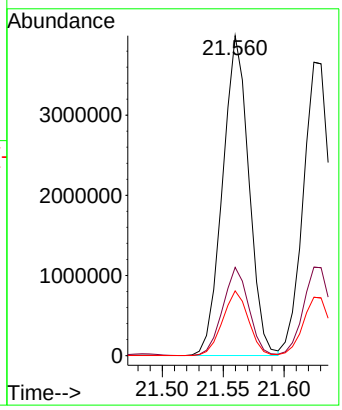





#81
Benzo(a)anthracene
Concen: 39.748 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:228 Resp: 599560

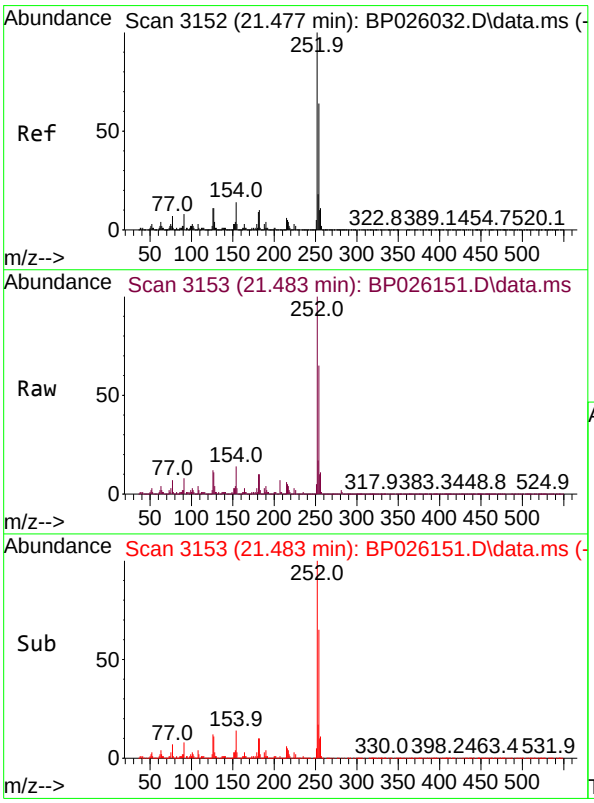
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 21.8 | 32.8 |
| 229 | 20.2 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

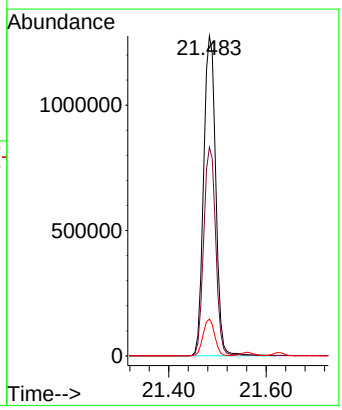
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

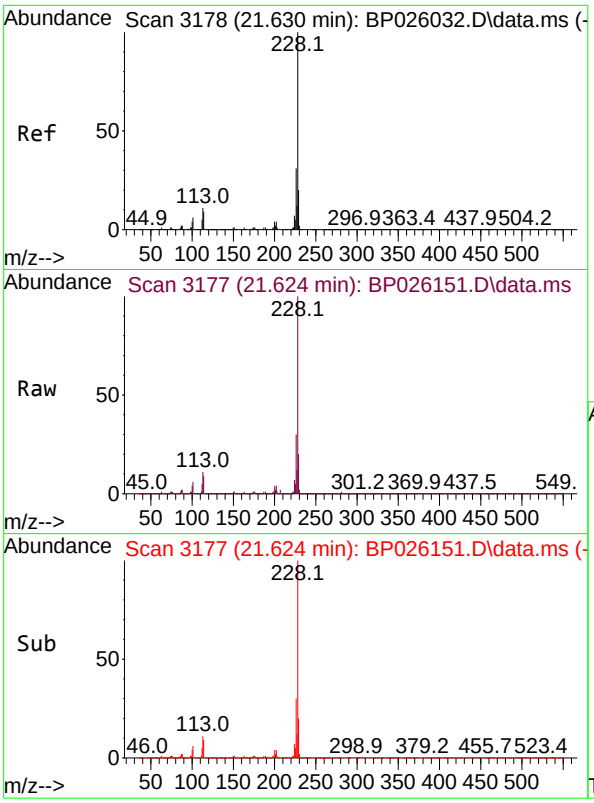



#82
3,3'-Dichlorobenzidine
Concen: 40.210 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 2205669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.2 | 51.2 | 76.8 |
| 126 | 11.5 | 8.2 | 12.4 |

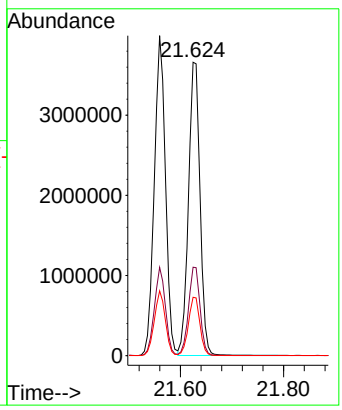





#83
Chrysene
Concen: 39.951 ng
RT: 21.624 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:228 Resp: 567937

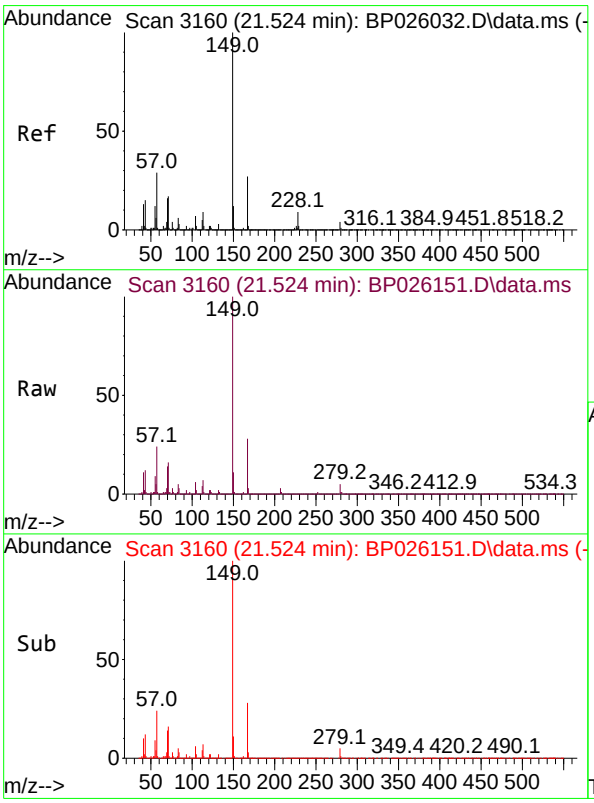
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.9 | 35.9 |
| 229 | 19.9 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

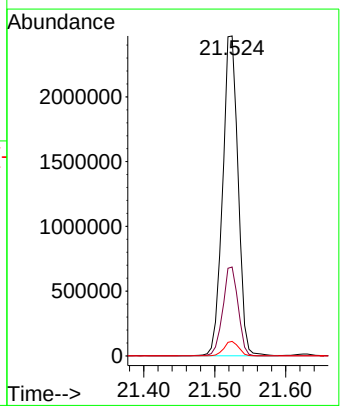
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

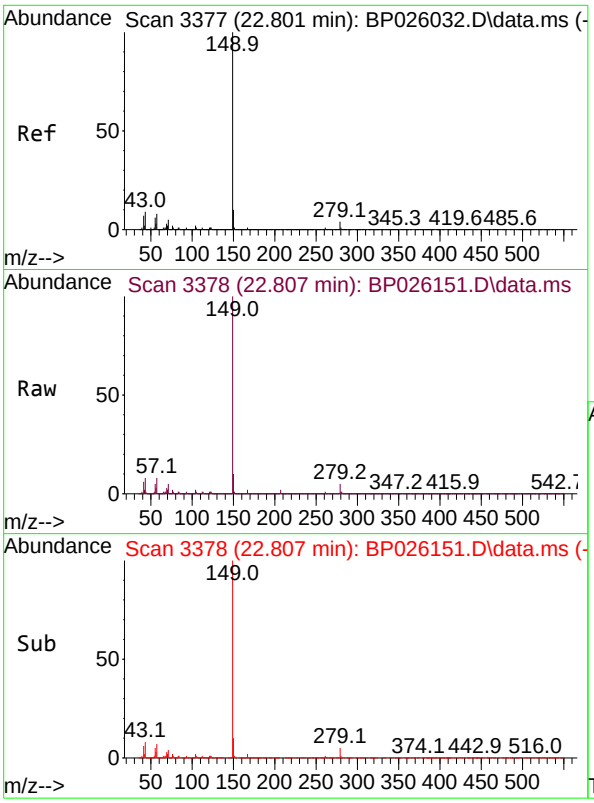



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.974 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 3741593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 22.1 | 33.1 |
| 279 | 4.5 | 3.3 | 4.9 |

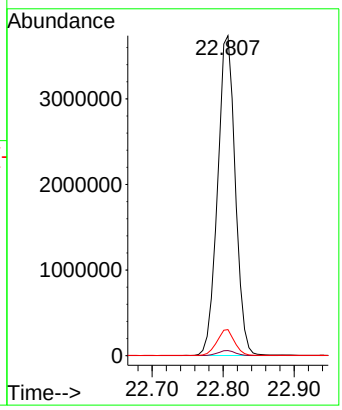





#85
Di-n-octyl phthalate
Concen: 38.576 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 647567

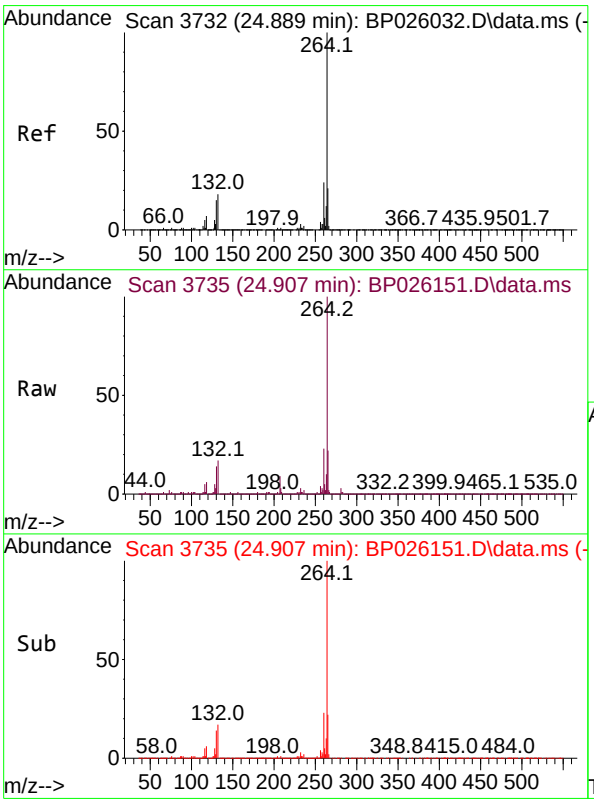
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.0 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

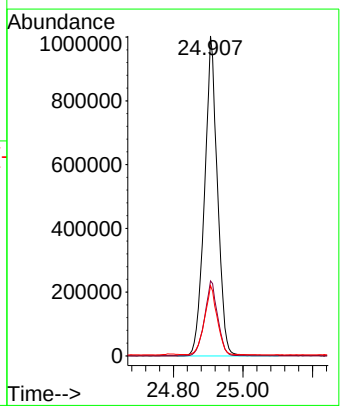
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

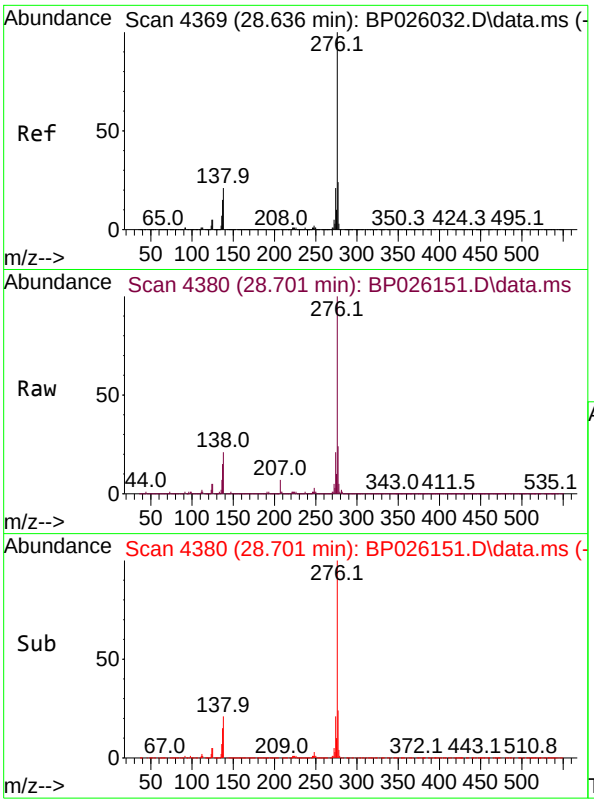



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:264 Resp: 2586780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.7 | 28.1 |
| 265 | 21.9 | 17.5 | 26.3 |

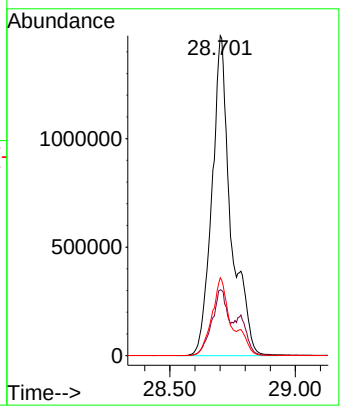





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.852 ng m
RT: 28.701 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:276 Resp: 773132

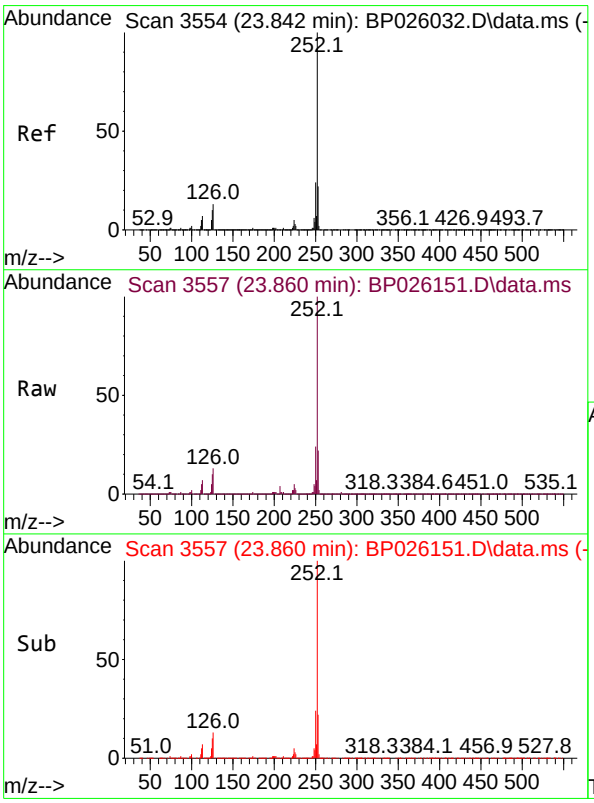
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.9 | 13.8 | 20.8 |
| 277 | 21.3 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

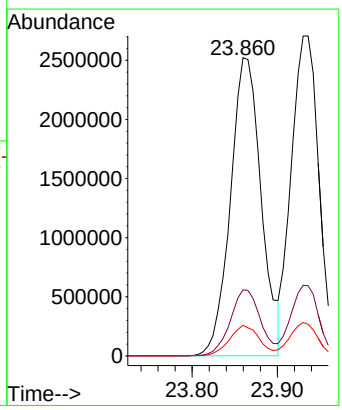
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

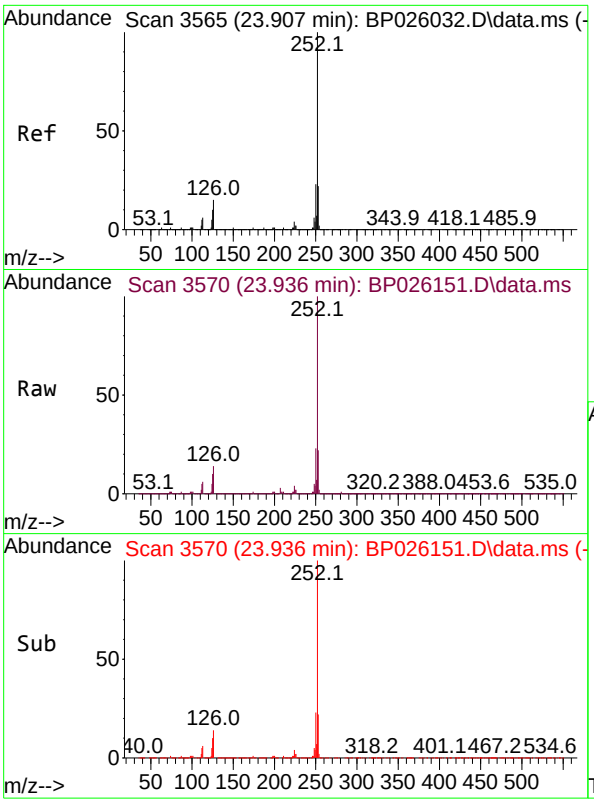



#88
Benzo(b)fluoranthene
Concen: 40.239 ng
RT: 23.860 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 6338827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.3 | 8.2 | 12.4 |

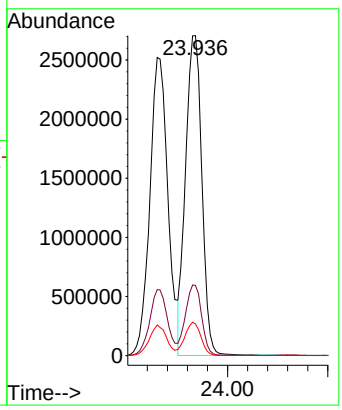





#89
Benzo(k)fluoranthene
Concen: 38.799 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 610484

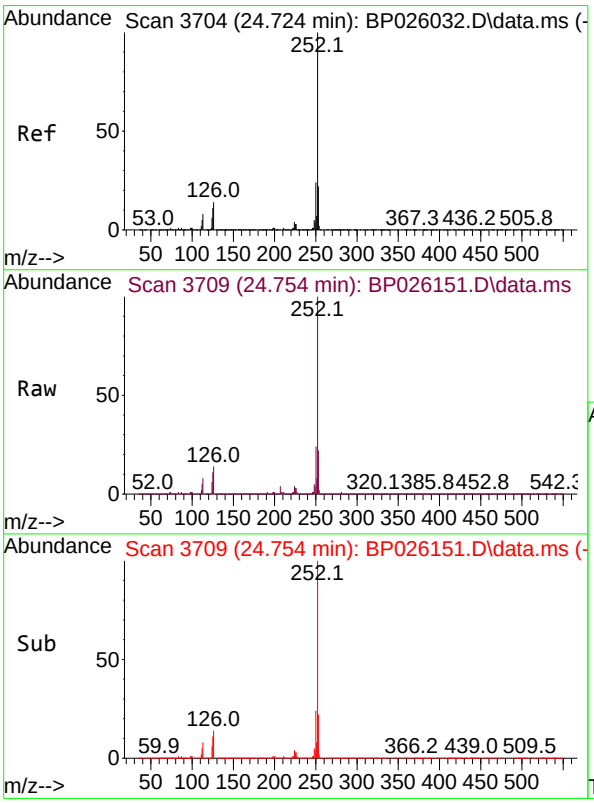
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 9.9 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

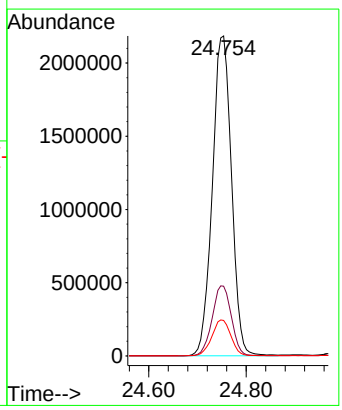
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

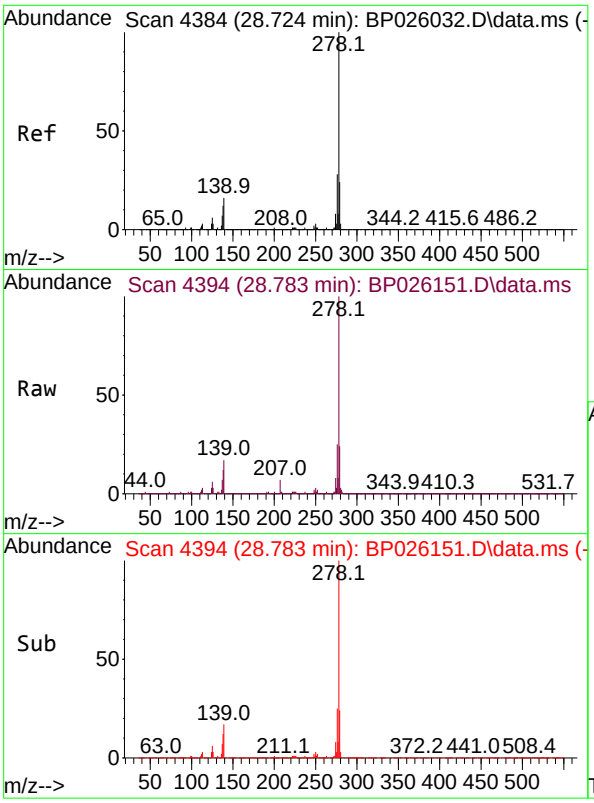



#90
Benzo(a)pyrene
Concen: 39.855 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 5947125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 11.1 | 9.0 | 13.6 |

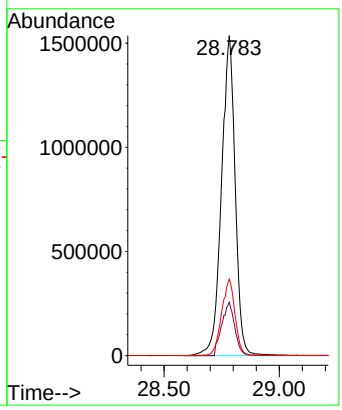





#91
Dibenzo(a,h)anthracene
Concen: 39.970 ng
RT: 28.783 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:278 Resp: 634765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 13.2 | 19.8 |
| 279 | 23.9 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
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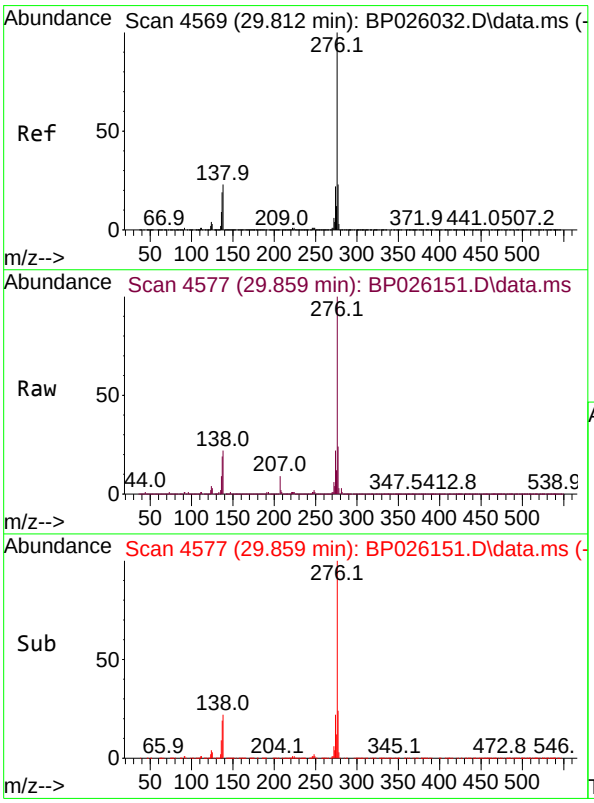
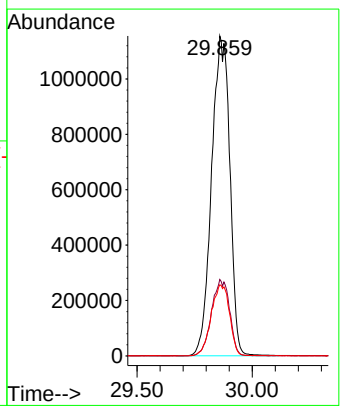



#92
Benzo(g,h,i)perylene
Concen: 40.207 ng
RT: 29.859 min Scan# 4577
Delta R.T. -0.023 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:276 Resp: 6346496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 18.8 | 28.2 |
| 138 | 22.2 | 17.8 | 26.6 |



# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 107 | 0.00 |
| 2 | | 1,4-Dioxane | 0.505 | 0.475 | 5.9 | 105 | 0.00 |
| 3 | | Pyridine | 1.461 | 1.458 | 0.2 | 108 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.546 | 0.545 | 0.2 | 108 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.246 | 1.245 | 0.1 | 107 | 0.00 |
| 6 | | Aniline | 2.094 | 2.186 | -4.4 | 110 | 0.00 |
| 7 | S | Phenol-d6 | 1.586 | 1.667 | -5.1 | 111 | 0.00 |
| 8 | | 2-Chlorophenol | 1.418 | 1.459 | -2.9 | 109 | 0.00 |
| 9 | | Benzaldehyde | 0.831 | 0.948 | -14.1 | 110 | 0.00 |
| 10 | C | Phenol | 1.709 | 1.797 | -5.1 | 110 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.338 | 1.374 | -2.7 | 108 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.528 | 1.512 | 1.0 | 106 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.540 | 1.530 | 0.6 | 107 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.479 | 1.498 | -1.3 | 109 | 0.00 |
| 15 | | Benzyl Alcohol | 1.162 | 1.232 | -6.0 | 111 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.879 | 1.916 | -2.0 | 107 | 0.00 |
| 17 | | 2-Methylphenol | 1.163 | 1.237 | -6.4 | 111 | 0.00 |
| 18 | | Hexachloroethane | 0.560 | 0.567 | -1.2 | 108 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.985 | 1.067 | -8.3 | 112 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.612 | 1.712 | -6.2 | 113 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 22 | | Acetophenone | 0.508 | 0.505 | 0.6 | 111 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.352 | 0.355 | -0.9 | 111 | 0.00 |
| 24 | | Nitrobenzene | 0.356 | 0.358 | -0.6 | 111 | 0.00 |
| 25 | | Isophorone | 0.698 | 0.721 | -3.3 | 113 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.180 | 0.190 | -5.6 | 112 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.325 | 0.330 | -1.5 | 112 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.437 | 0.442 | -1.1 | 112 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.325 | 0.334 | -2.8 | 113 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.331 | 0.327 | 1.2 | 110 | 0.00 |
| 31 | | Naphthalene | 1.081 | 1.069 | 1.1 | 111 | 0.00 |
| 32 | | Benzoic acid | 0.274 | 0.290 | -5.8 | 117 | 0.01 |
| 33 | | 4-Chloroaniline | 0.460 | 0.473 | -2.8 | 112 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.215 | 0.210 | 2.3 | 109 | 0.00 |
| 35 | | Caprolactam | 0.116 | 0.122 | -5.2 | 116 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 0.345 | 0.369 | -7.0 | 116 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.766 | 0.784 | -2.3 | 113 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.749 | 0.770 | -2.8 | 112 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.605 | 0.584 | 3.5 | 111 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.396 | 0.390 | 1.5 | 112 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.259 | 0.261 | -0.8 | 112 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.415 | 0.420 | -1.2 | 114 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.463 | 0.465 | -0.4 | 113 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.365 | 1.297 | 5.0 | 110 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.506 | 1.464 | 2.8 | 112 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.184 | 1.149 | 3.0 | 112 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.329 | 0.345 | -4.9 | 116 | -0.01 |
| 49 | | Acenaphthylene | 1.953 | 1.938 | 0.8 | 113 | 0.00 |
| 50 | | Dimethylphthalate | 1.494 | 1.470 | 1.6 | 112 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.296 | 0.319 | -7.8 | 115 | 0.00 |
| 52 | C | Acenaphthene | 1.145 | 1.114 | 2.7 | 111 | 0.00 |
| 53 | | 3-Nitroaniline | 0.349 | 0.369 | -5.7 | 116 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.179 | 0.190 | -6.1 | 116 | -0.01 |
| 55 | | Dibenzofuran | 1.773 | 1.730 | 2.4 | 111 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.315 | 0.318 | -1.0 | 114 | -0.01 |
| 57 | | 2,4-Dinitrotoluene | 0.442 | 0.470 | -6.3 | 114 | 0.00 |
| 58 | | Fluorene | 1.401 | 1.365 | 2.6 | 112 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.393 | 0.399 | -1.5 | 113 | 0.00 |
| 60 | | Diethylphthalate | 1.505 | 1.469 | 2.4 | 110 | -0.01 |
| 61 | | 4-Chlorophenyl-phenylether | 0.697 | 0.678 | 2.7 | 111 | 0.00 |
| 62 | | 4-Nitroaniline | 0.362 | 0.368 | -1.7 | 115 | 0.00 |
| 63 | | Azobenzene | 1.269 | 1.264 | 0.4 | 111 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.127 | 0.134 | -5.5 | 113 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.619 | 0.619 | 0.0 | 112 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.221 | 0.227 | -2.7 | 111 | 0.00 |
| 68 | | Hexachlorobenzene | 0.257 | 0.259 | -0.8 | 110 | 0.00 |
| 69 | | Atrazine | 0.233 | 0.232 | 0.4 | 110 | 0.00 |
| 70 | C | Pentachlorophenol | 0.180 | 0.183 | -1.7 | 113 | 0.00 |
| 71 | | Phenanthrene | 1.127 | 1.125 | 0.2 | 113 | 0.00 |
| 72 | | Anthracene | 1.149 | 1.150 | -0.1 | 111 | 0.00 |
| 73 | | Carbazole | 1.091 | 1.085 | 0.5 | 111 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.294 | 1.257 | 2.9 | 104 | 0.00 |
| 75 | C | Fluoranthene | 1.369 | 1.339 | 2.2 | 110 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 110 | 0.00 |
| 77 | | Benzidine | 0.635 | 0.631 | 0.6 | 112 | 0.00 |
| 78 | | Pyrene | 1.311 | 1.334 | -1.8 | 110 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.981 | 0.961 | 2.0 | 107 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.578 | 0.566 | 2.1 | 103 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.374 | 1.365 | 0.7 | 109 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.500 | 0.502 | -0.4 | 110 | 0.00 |
| 83 | | Chrysene | 1.295 | 1.293 | 0.2 | 111 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.874 | 0.852 | 2.5 | 100 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.529 | 1.474 | 3.6 | 102 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 115 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.500 | 1.494 | 0.4 | 114 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.218 | 1.225 | -0.6 | 114 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.217 | 1.180 | 3.0 | 112 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.154 | 1.150 | 0.3 | 113 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.228 | 1.227 | 0.1 | 114 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.220 | 1.227 | -0.6 | 116 | -0.02 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 107 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.593 | 6.0 | 105 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.921 | 0.2 | 108 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.942 | 0.1 | 108 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.929 | 0.1 | 107 | 0.00 |
| 6 | | Aniline | 40.000 | 41.740 | -4.4 | 110 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 84.094 | -5.1 | 111 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 41.146 | -2.9 | 109 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 45.618 | -14.0 | 110 | 0.00 |
| 10 | C | Phenol | 40.000 | 42.060 | -5.2 | 110 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.067 | -2.7 | 108 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.587 | 1.0 | 106 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.742 | 0.6 | 107 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.516 | -1.3 | 109 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 42.414 | -6.0 | 111 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.794 | -2.0 | 107 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 42.532 | -6.3 | 111 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.466 | -1.2 | 108 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 43.311 | -8.3 | 112 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 42.486 | -6.2 | 113 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 111 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.758 | 0.6 | 111 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.717 | -0.9 | 111 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.166 | -0.4 | 111 | 0.00 |
| 25 | | Isophorone | 40.000 | 41.325 | -3.3 | 113 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.113 | -5.3 | 112 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.595 | -1.5 | 112 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 40.412 | -1.0 | 112 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 41.185 | -3.0 | 113 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.515 | 1.2 | 110 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.543 | 1.1 | 111 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.328 | -5.8 | 117 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 41.152 | -2.9 | 112 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.979 | 2.6 | 109 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.978 | -4.9 | 116 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 42.798 | -7.0 | 116 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.901 | -2.3 | 113 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 41.101 | -2.8 | 112 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 38.653 | 3.4 | 111 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 39.451 | 1.4 | 112 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.522 | -0.7 | 112 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.482 | -1.2 | 114 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.200 | -0.5 | 113 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 76.016 | 5.0 | 110 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 38.891 | 2.8 | 112 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.816 | 3.0 | 112 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.880 | -4.7 | 116 | -0.01 |
| 49 | | Acenaphthylene | 40.000 | 39.676 | 0.8 | 113 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.365 | 1.6 | 112 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 43.045 | -7.6 | 115 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 38.919 | 2.7 | 111 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 42.369 | -5.9 | 116 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 42.569 | -6.4 | 116 | -0.01 |
| 55 | | Dibenzofuran | 40.000 | 39.037 | 2.4 | 111 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.312 | -0.8 | 114 | -0.01 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.577 | -6.4 | 114 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.962 | 2.6 | 112 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.668 | -1.7 | 113 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 39.059 | 2.4 | 110 | -0.01 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.882 | 2.8 | 111 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 40.700 | -1.8 | 115 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.832 | 0.4 | 111 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 113 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 42.199 | -5.5 | 113 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 40.009 | -0.0 | 112 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 40.921 | -2.3 | 111 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 40.295 | -0.7 | 110 | 0.00 |
| 69 | | Atrazine | 40.000 | 39.843 | 0.4 | 110 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.719 | -1.8 | 113 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.930 | 0.2 | 113 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.026 | -0.1 | 111 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.777 | 0.6 | 111 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 38.873 | 2.8 | 104 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 39.137 | 2.2 | 110 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 110 | 0.00 |
| 77 | | Benzidine | 40.000 | 39.739 | 0.7 | 112 | 0.00 |
| 78 | | Pyrene | 40.000 | 40.685 | -1.7 | 110 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 78.411 | 2.0 | 107 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 39.196 | 2.0 | 103 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.748 | 0.6 | 109 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 40.210 | -0.5 | 110 | 0.00 |
| 83 | | Chrysene | 40.000 | 39.951 | 0.1 | 111 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 38.974 | 2.6 | 100 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 38.576 | 3.6 | 102 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 115 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.852 | 0.4 | 114 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 40.239 | -0.6 | 114 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 38.799 | 3.0 | 112 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.855 | 0.4 | 113 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.970 | 0.1 | 114 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.207 | -0.5 | 116 | -0.02 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF144358.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date/Time: 11/26/2025 13:30

Lab File ID: BF144358.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.278 | 1.275 | | -0.2 | |
| Benzaldehyde | 0.818 | 0.878 | | 7.3 | |
| Phenol-d6 | 1.448 | 1.387 | | -4.2 | |
| Phenol | 1.769 | 1.736 | | -1.9 | 20.0 |
| bis(2-Chloroethyl)ether | 1.289 | 1.314 | | 1.9 | |
| 2-Chlorophenol | 1.253 | 1.227 | | -2.1 | |
| 2-Methylphenol | 0.997 | 0.994 | | -0.3 | |
| 2,2-oxybis(1-Chloropropane) | 2.374 | 2.427 | | 2.2 | |
| Acetophenone | 0.429 | 0.417 | | -2.8 | |
| 3+4-Methylphenols | 1.175 | 1.113 | | -5.3 | |
| n-Nitroso-di-n-propylamine | 0.953 | 0.878 | 0.050 | -7.9 | |
| Nitrobenzene-d5 | 0.346 | 0.346 | | 0.0 | |
| Hexachloroethane | 0.515 | 0.493 | | -4.3 | |
| Nitrobenzene | 0.376 | 0.374 | | -0.5 | |
| Isophorone | 0.655 | 0.663 | | 1.2 | |
| 2-Nitrophenol | 0.186 | 0.198 | | 6.5 | 20.0 |
| 2,4-Dimethylphenol | 0.279 | 0.283 | | 1.4 | |
| bis(2-Chloroethoxy)methane | 0.409 | 0.426 | | 4.2 | |
| 2,4-Dichlorophenol | 0.322 | 0.322 | | 0.0 | 20.0 |
| Naphthalene | 0.951 | 0.951 | | 0.0 | |
| 4-Chloroaniline | 0.347 | 0.359 | | 3.5 | |
| Hexachlorobutadiene | 0.249 | 0.230 | | -7.6 | 20.0 |
| Caprolactam | 0.088 | 0.094 | | 6.8 | |
| 4-Chloro-3-methylphenol | 0.288 | 0.295 | | 2.4 | 20.0 |
| 2-Methylnaphthalene | 0.636 | 0.643 | | 1.1 | |
| Hexachlorocyclopentadiene | 0.195 | 0.174 | 0.050 | -10.8 | |
| 2,4,6-Trichlorophenol | 0.446 | 0.435 | | -2.5 | 20.0 |
| 2-Fluorobiphenyl | 1.354 | 1.265 | | -6.6 | |
| 2,4,5-Trichlorophenol | 0.481 | 0.457 | | -5.0 | |
| 1,1-Biphenyl | 1.396 | 1.350 | | -3.3 | |
| 2-Chloronaphthalene | 1.191 | 1.157 | | -2.9 | |
| 2-Nitroaniline | 0.344 | 0.347 | | 0.9 | |
| Dimethylphthalate | 1.325 | 1.353 | | 2.1 | |
| Acenaphthylene | 1.623 | 1.633 | | 0.6 | |
| 2,6-Dinitrotoluene | 0.268 | 0.277 | | 3.4 | |
| 3-Nitroaniline | 0.293 | 0.310 | | 5.8 | |
| Acenaphthene | 1.085 | 1.003 | | -7.6 | 20.0 |
| 2,4-Dinitrophenol | 0.162 | 0.185 | 0.050 | 14.2 | |
| 4-Nitrophenol | 0.212 | 0.202 | 0.050 | -4.7 | |

Raw Data: **BF144358.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date/Time: 11/26/2025 13:30

Lab File ID: BF144358.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibenzofuran | 1.520 | 1.493 | | -1.8 | |
| 2,4-Dinitrotoluene | 0.359 | 0.375 | | 4.5 | |
| Diethylphthalate | 1.221 | 1.264 | | 3.5 | |
| 4-Chlorophenyl-phenylether | 0.658 | 0.634 | | -3.6 | |
| Fluorene | 1.156 | 1.157 | | 0.1 | |
| 4-Nitroaniline | 0.279 | 0.289 | | 3.6 | |
| 4,6-Dinitro-2-methylphenol | 0.136 | 0.122 | | -10.3 | |
| n-Nitrosodiphenylamine | 0.643 | 0.634 | | -1.4 | 20.0 |
| 2,4,6-Tribromophenol | 0.251 | 0.239 | | -4.8 | |
| 4-Bromophenyl-phenylether | 0.255 | 0.239 | | -6.3 | |
| Hexachlorobenzene | 0.301 | 0.275 | | -8.6 | |
| Atrazine | 0.205 | 0.195 | | -4.9 | |
| Pentachlorophenol | 0.150 | 0.146 | | -2.7 | 20.0 |
| Phenanthrene | 0.996 | 0.978 | | -1.8 | |
| Anthracene | 1.013 | 1.014 | | 0.1 | |
| Carbazole | 0.861 | 0.847 | | -1.6 | |
| Di-n-butylphthalate | 1.041 | 1.117 | | 7.3 | |
| Fluoranthene | 1.029 | 0.987 | | -4.1 | 20.0 |
| Pyrene | 1.613 | 1.676 | | 3.9 | |
| Terphenyl-d14 | 1.259 | 1.262 | | 0.2 | |
| Butylbenzylphthalate | 0.559 | 0.635 | | 13.6 | |
| 3,3-Dichlorobenzidine | 0.475 | 0.485 | | 2.1 | |
| Benzo(a)anthracene | 1.386 | 1.411 | | 1.8 | |
| Chrysene | 1.280 | 1.361 | | 6.3 | |
| Bis(2-ethylhexyl)phthalate | 0.765 | 0.880 | | 15.0 | |
| Di-n-octyl phthalate | 1.320 | 1.540 | | 16.7 | 20.0 |
| Benzo(b)fluoranthene | 1.137 | 1.103 | | -3.0 | |
| Benzo(k)fluoranthene | 1.064 | 1.092 | | 2.6 | |
| Benzo(a)pyrene | 1.049 | 1.056 | | 0.7 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.436 | 1.361 | | -5.2 | |
| Dibenzo(a,h)anthracene | 1.153 | 1.094 | | -5.1 | |
| Benzo(g,h,i)perylene | 1.139 | 1.080 | | -5.2 | |
| 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.616 | | -6.0 | |
| 1,4-Dioxane | 0.528 | 0.543 | | 2.8 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.340 | 0.336 | | -1.2 | |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 61998 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 227764 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 130458 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 228211 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.045 | 240 | 137488 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 181907 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 316085 | 79.782 | ng | -0.01 |
| 7) Phenol-d6 | 6.498 | 99 | 344045 | 76.640 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 315463 | 79.993 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 124886 | 76.285 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 660061 | 74.726 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 694139 | 80.194 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.581 | 88 | 67352 | 41.120 | ng | 98 |
| 3) Pyridine | 3.357 | 79 | 189120 | 41.386 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.299 | 42 | 83681 | 35.058 | ng | 90 |
| 6) Aniline | 6.528 | 93 | 250014 | 39.090 | ng | 97 |
| 8) 2-Chlorophenol | 6.651 | 128 | 152145 | 39.159 | ng | 97 |
| 9) Benzaldehyde | 6.416 | 77 | 108883 | 42.954 | ng | 98 |
| 10) Phenol | 6.510 | 94 | 215285 | 39.252 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.598 | 93 | 162957 | 40.775 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 183746 | 38.325 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 184759 | 38.466 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.034 | 146 | 178196 | 38.706 | ng | 97 |
| 15) Benzyl Alcohol | 7.004 | 79 | 138263 | 38.897 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 300892 | 40.884 | ng | 93 |
| 17) 2-Methylphenol | 7.116 | 107 | 123237 | 39.870 | ng | 98 |
| 18) Hexachloroethane | 7.375 | 117 | 61135 | 38.311 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 108927 | 36.859 | ng | 96 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 138067 | 37.893 | ng | 92 |
| 22) Acetophenone | 7.275 | 105 | 189743 | 38.834 | ng | 99 |
| 24) Nitrobenzene | 7.445 | 77 | 170420 | 39.801 | ng | 97 |
| 25) Isophorone | 7.687 | 82 | 302058 | 40.493 | ng | 98 |
| 26) 2-Nitrophenol | 7.763 | 139 | 90123 | 42.519 | ng | 94 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 129009 | 40.608 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 193873 | 41.620 | ng | 97 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 146706 | 40.066 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.087 | 180 | 144573 | 38.451 | ng | 98 |
| 31) Naphthalene | 8.169 | 128 | 433206 | 39.984 | ng | 99 |
| 32) Benzoic acid | 7.916 | 122 | 86460 | 37.128 | ng | 90 |
| 33) 4-Chloroaniline | 8.216 | 127 | 163521 | 41.382 | ng | 99 |
| 34) Hexachlorobutadiene | 8.281 | 225 | 104761 | 36.970 | ng | 99 |
| 35) Caprolactam | 8.592 | 113 | 42912 | 42.776 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 8.698 | 107 | 134480 | 40.980 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 292804 | 40.421 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 278735 | 39.879 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 160720 | 37.591 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 45408 | 36.012 | ng | 95 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 113575 | 39.029 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

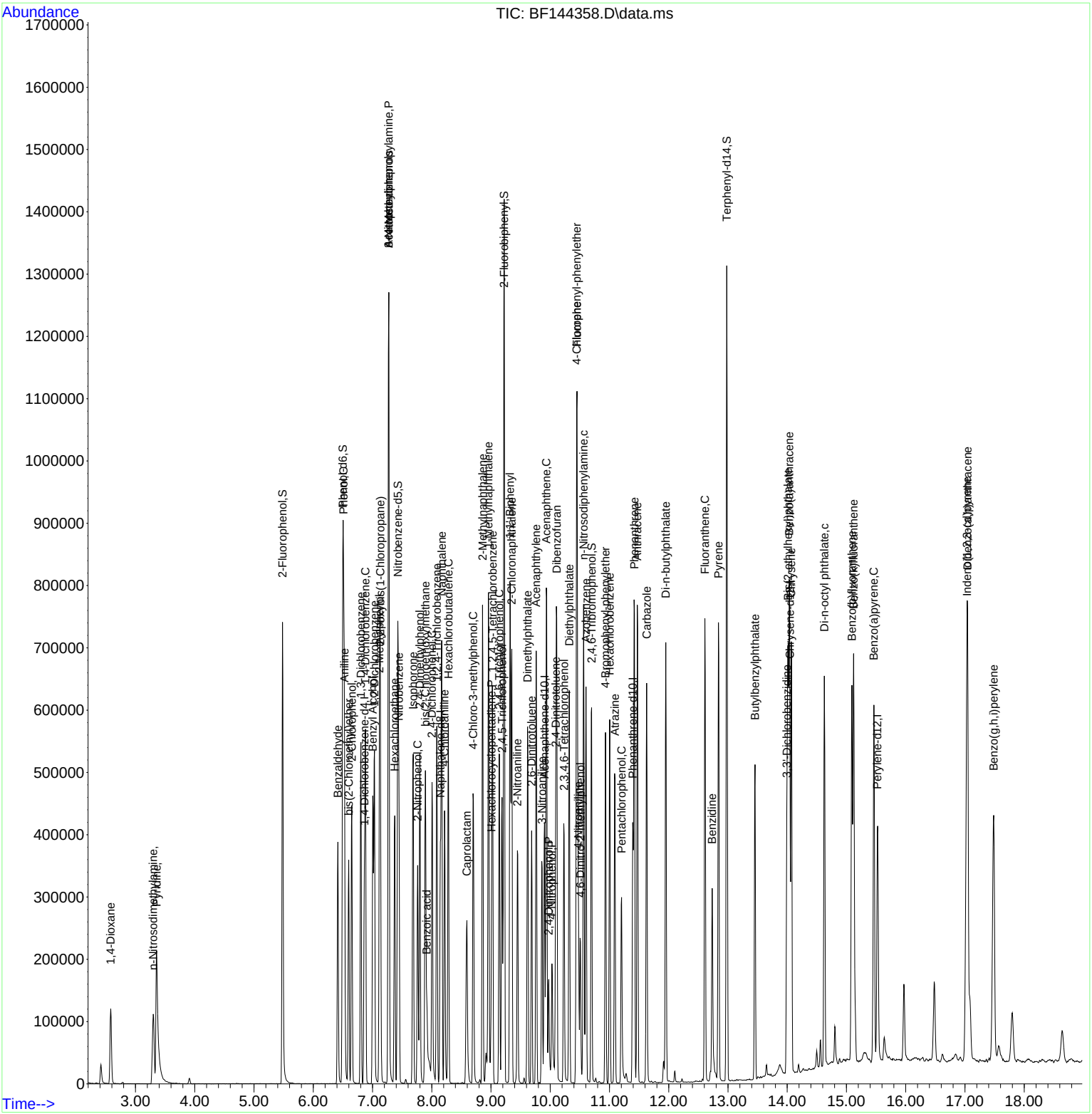
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.187 | 196 | 119156 | 37.992 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 352310 | 38.688 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 301988 | 38.877 | ng | | 98 |
| 48) 2-Nitroaniline | 9.445 | 65 | 90620 | 40.432 | ng | | 96 |
| 49) Acenaphthylene | 9.763 | 152 | 426138 | 40.257 | ng | | 99 |
| 50) Dimethylphthalate | 9.616 | 163 | 353006 | 40.845 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 72349 | 41.353 | ng | | 97 |
| 52) Acenaphthene | 9.934 | 154 | 261640 | 36.962 | ng | | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 80777 | 42.236 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 48299 | 45.717 | ng | | 94 |
| 55) Dibenzofuran | 10.110 | 168 | 389422 | 39.280 | ng | | 100 |
| 56) 4-Nitrophenol | 10.028 | 139 | 52660 | 38.064 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 10.092 | 165 | 97946 | 41.820 | ng | # | 100 |
| 58) Fluorene | 10.451 | 166 | 301794 | 40.038 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 87657 | 39.503 | ng | | 99 |
| 60) Diethylphthalate | 10.322 | 149 | 329902 | 41.408 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 165497 | 38.545 | ng | | 100 |
| 62) 4-Nitroaniline | 10.475 | 138 | 75534 | 41.472 | ng | | 91 |
| 63) Azobenzene | 10.604 | 77 | 309983 | 41.806 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 55891 | 36.051 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 289317 | 39.417 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 109150 | 37.471 | ng | | 97 |
| 68) Hexachlorobenzene | 11.004 | 284 | 125445 | 36.562 | ng | | 98 |
| 69) Atrazine | 11.092 | 200 | 89043 | 38.146 | ng | | 97 |
| 70) Pentachlorophenol | 11.204 | 266 | 66655 | 39.013 | ng | | 97 |
| 71) Phenanthrene | 11.422 | 178 | 446599 | 39.305 | ng | | 99 |
| 72) Anthracene | 11.469 | 178 | 462648 | 40.044 | ng | | 99 |
| 73) Carbazole | 11.628 | 167 | 386607 | 39.352 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 509802 | 42.925 | ng | | 99 |
| 75) Fluoranthene | 12.610 | 202 | 450444 | 38.377 | ng | | 98 |
| 77) Benzidine | 12.733 | 184 | 205175 | 50.451 | ng | | 99 |
| 78) Pyrene | 12.839 | 202 | 460732 | 41.562 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 174559 | 45.433 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 387931 | 40.711 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 133248 | 40.795 | ng | | 96 |
| 83) Chrysene | 14.069 | 228 | 374149 | 42.534 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 241874 | 45.987 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 423391 | 46.657 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 495326 | 37.933 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 401113 | 38.786 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 397316 | 41.046 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.463 | 252 | 384073 | 40.256 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 397938 | 37.946 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 392773 | 37.927 | ng | | 98 |

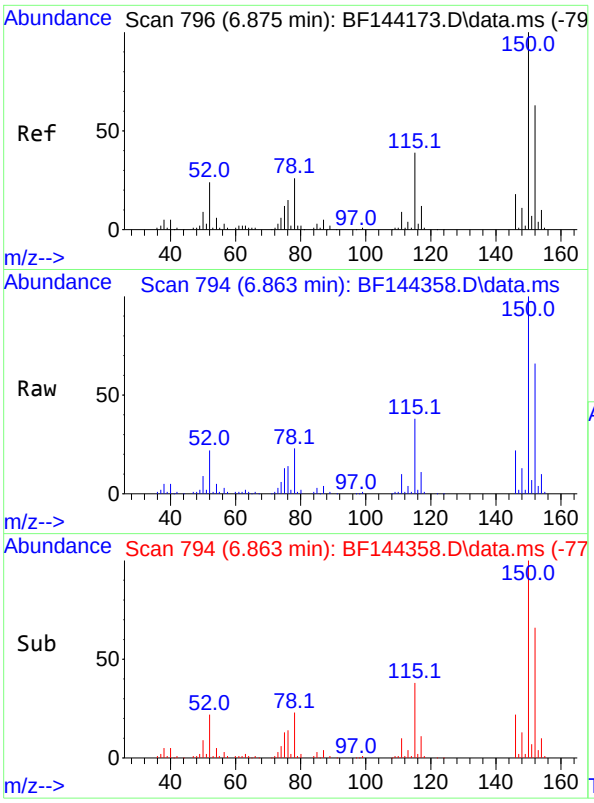
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



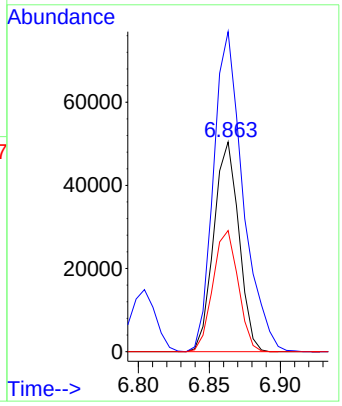


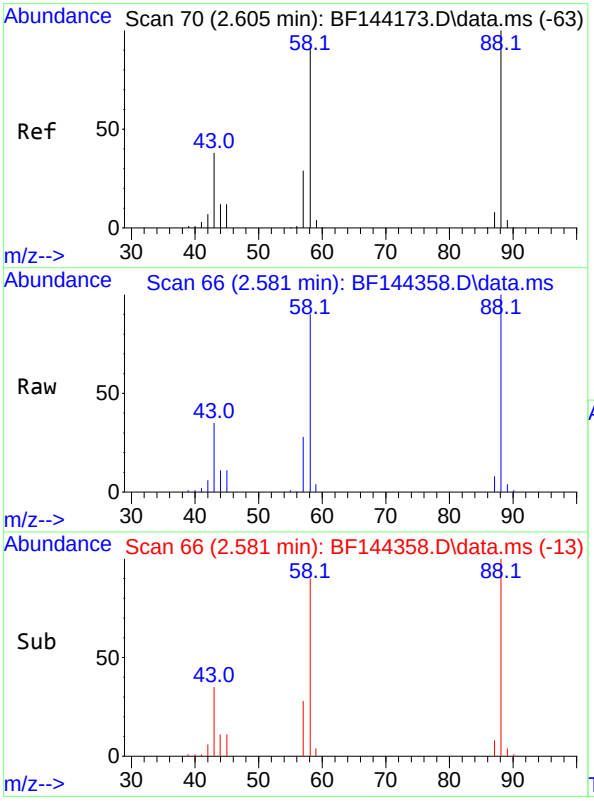

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 61998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.6 | 127.4 | 191.0 |
| 115 | 57.7 | 49.5 | 74.3 |

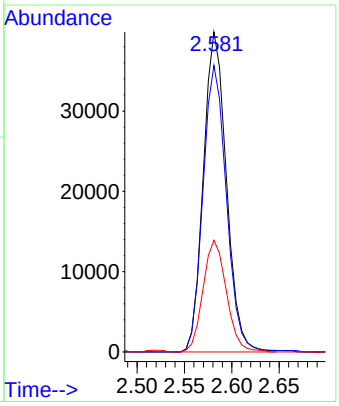


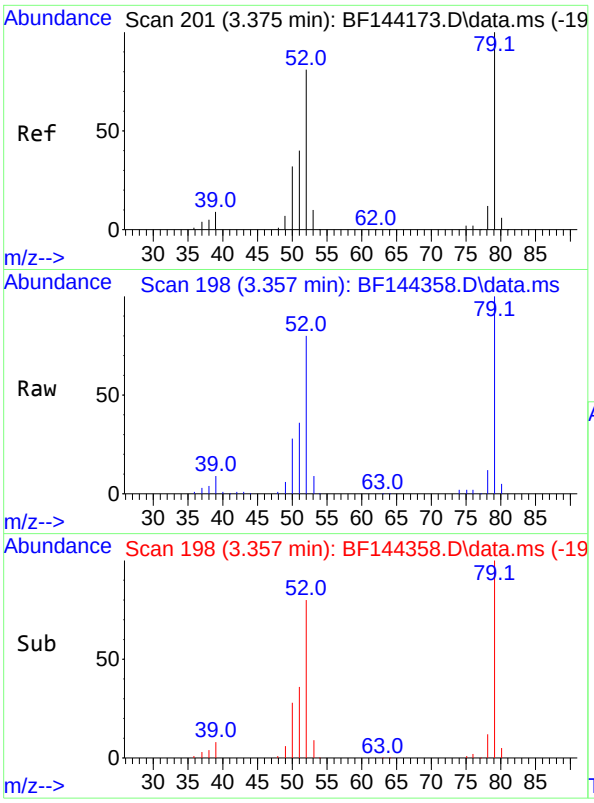




#2
1,4-Dioxane
Concen: 41.120 ng
RT: 2.581 min Scan# 66
Delta R.T. -0.035 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 88 Resp: 67352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 91.4 | 73.1 | 109.7 |
| 43 | 35.4 | 31.0 | 46.6 |



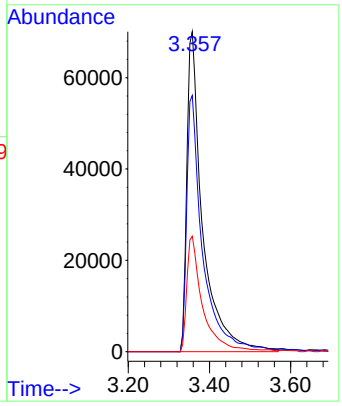


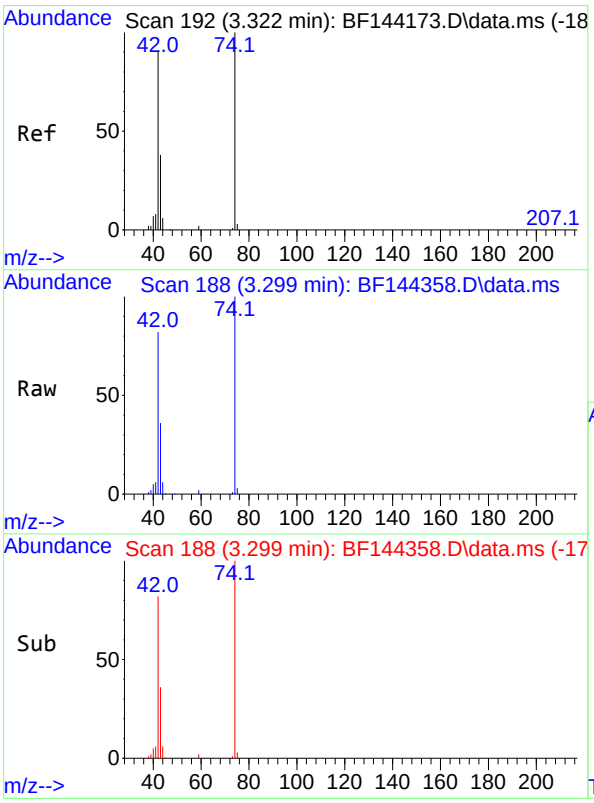

#3
Pyridine
Concen: 41.386 ng
RT: 3.357 min Scan# 1
Delta R.T. -0.053 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 189120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 80.1 | 64.5 | 96.7 |
| 51 | 36.1 | 31.7 | 47.5 |

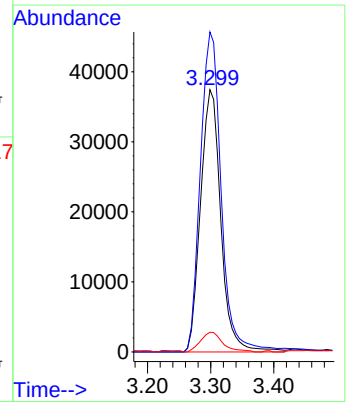


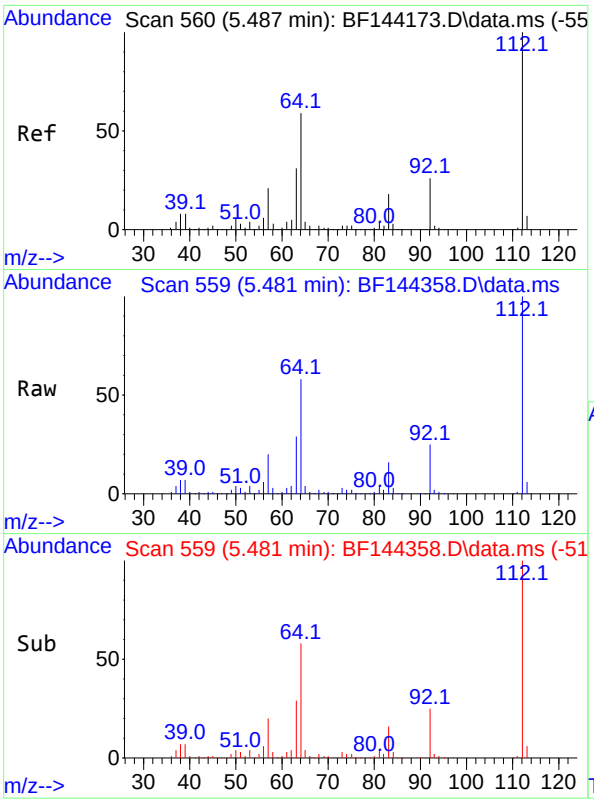




#4
n-Nitrosodimethylamine
Concen: 35.058 ng
RT: 3.299 min Scan# 188
Delta R.T. -0.047 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 42 Resp: 83681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 122.0 | 88.2 | 132.4 |
| 44 | 7.5 | 5.7 | 8.5 |



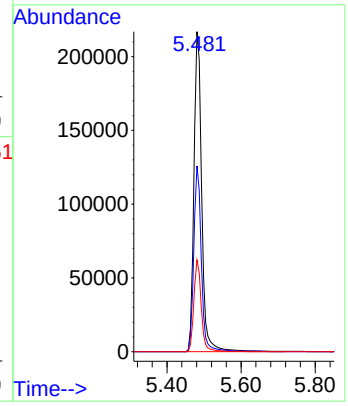


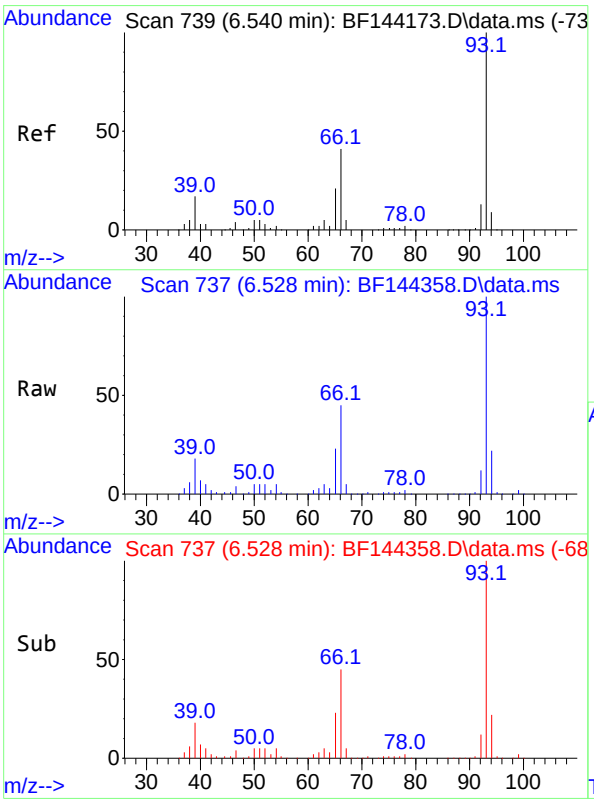

#5
2-Fluorophenol
Concen: 79.782 ng
RT: 5.481 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 316085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.0 | 47.2 | 70.8 |
| 63 | 28.7 | 24.4 | 36.6 |

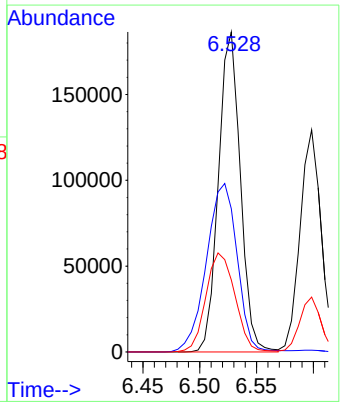


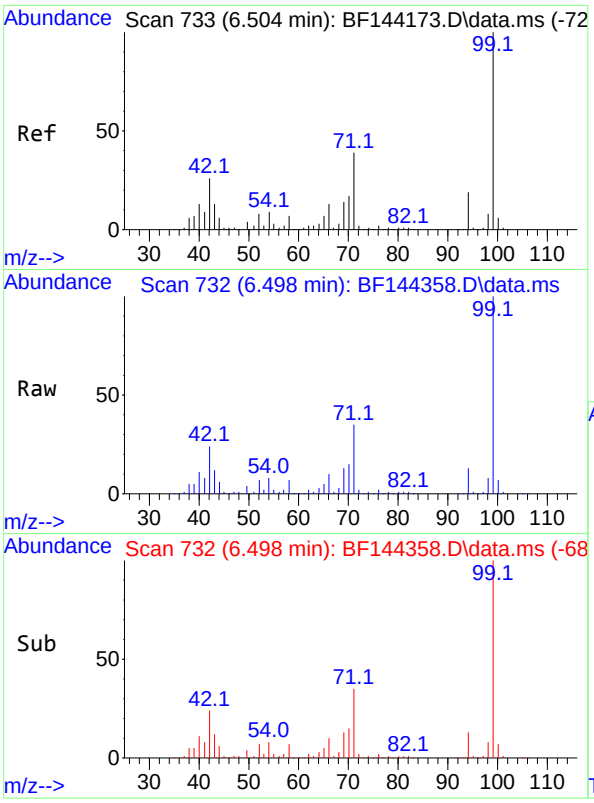




#6
Aniline
Concen: 39.090 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 93 Resp: 250014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.8 | 34.3 | 51.5 |
| 65 | 22.5 | 16.9 | 25.3 |



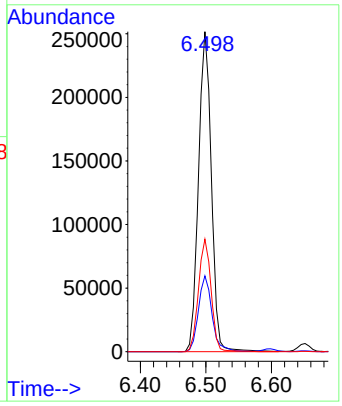


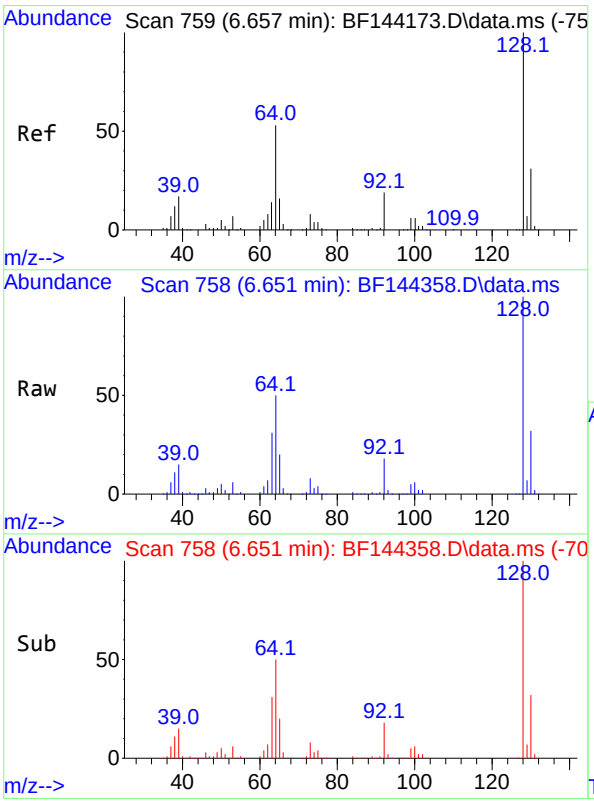

#7
Phenol-d6
Concen: 76.640 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 344045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.7 | 20.9 | 31.3 |
| 71 | 35.2 | 31.4 | 47.2 |

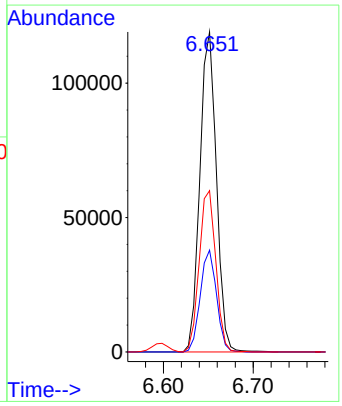


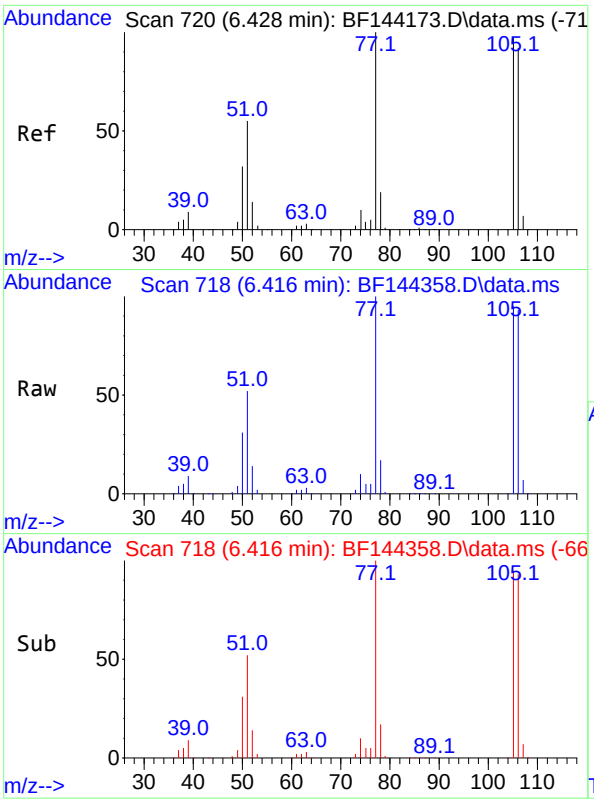




#8
2-Chlorophenol
Concen: 39.159 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:128 Resp: 152145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.8 | 10.5 | 50.5 |
| 64 | 50.4 | 33.2 | 73.2 |



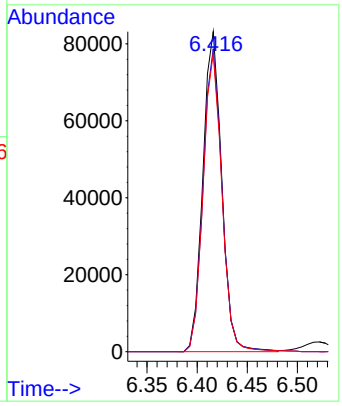


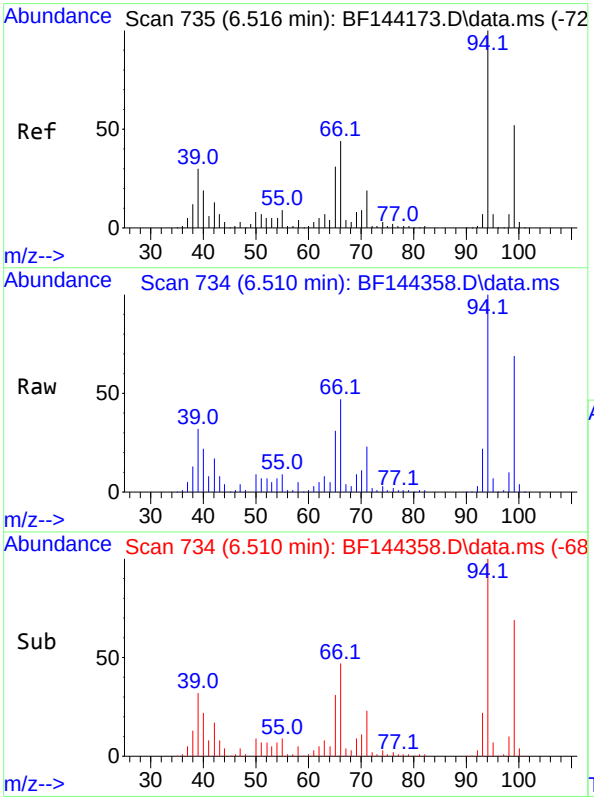

#9
Benzaldehyde
Concen: 42.954 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 108883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.7 | 77.2 | 117.2 |
| 106 | 93.2 | 72.2 | 112.2 |

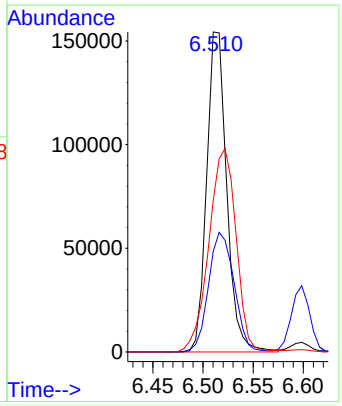


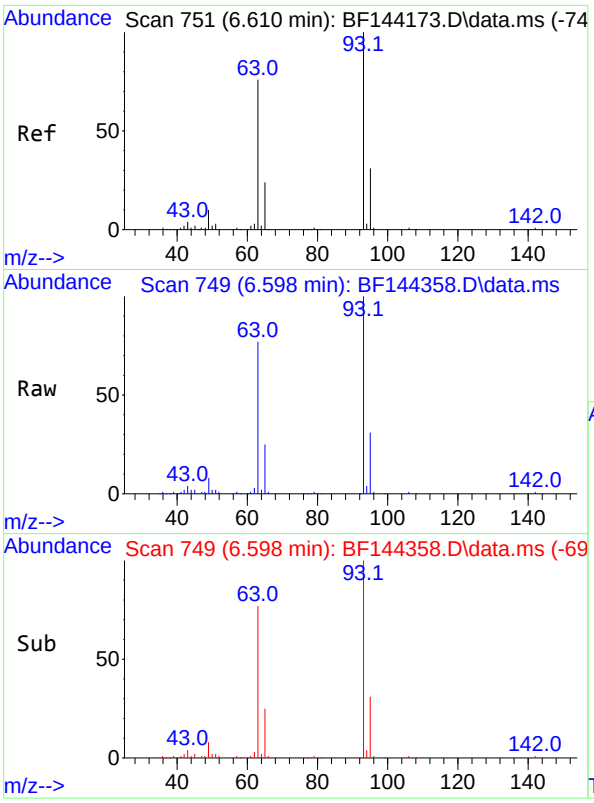




#10
Phenol
Concen: 39.252 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 94 Resp: 215285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.5 | 10.8 | 50.8 |
| 66 | 47.4 | 24.3 | 64.3 |



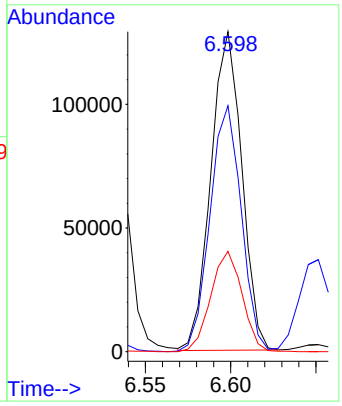


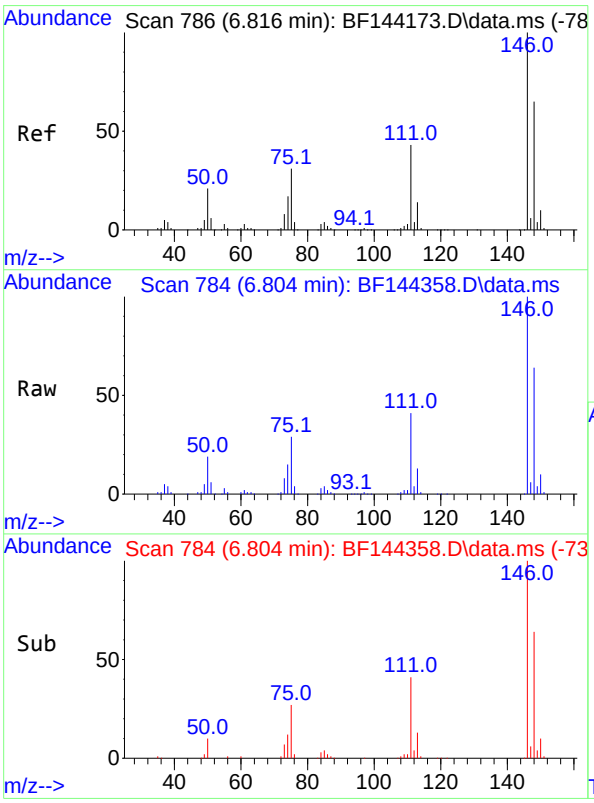

#11
bis(2-Chloroethyl)ether
Concen: 40.775 ng
RT: 6.598 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 162957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.9 | 55.2 | 95.2 |
| 95 | 31.4 | 11.2 | 51.2 |

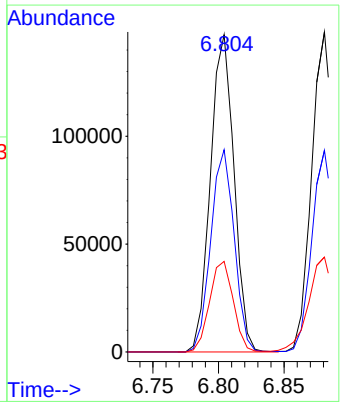


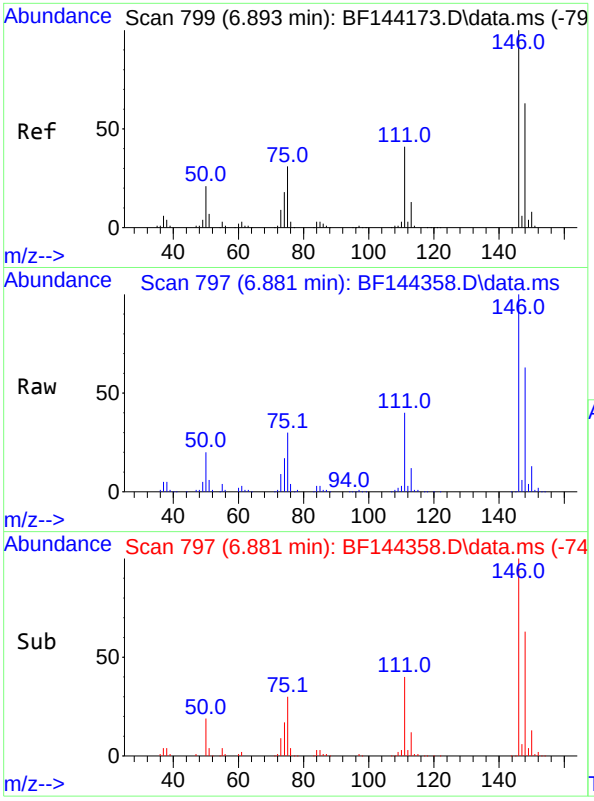




#12
1,3-Dichlorobenzene
Concen: 38.325 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:146 Resp: 183746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.8 | 77.8 |
| 75 | 28.6 | 25.0 | 37.4 |



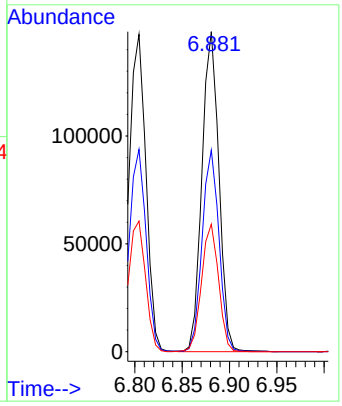


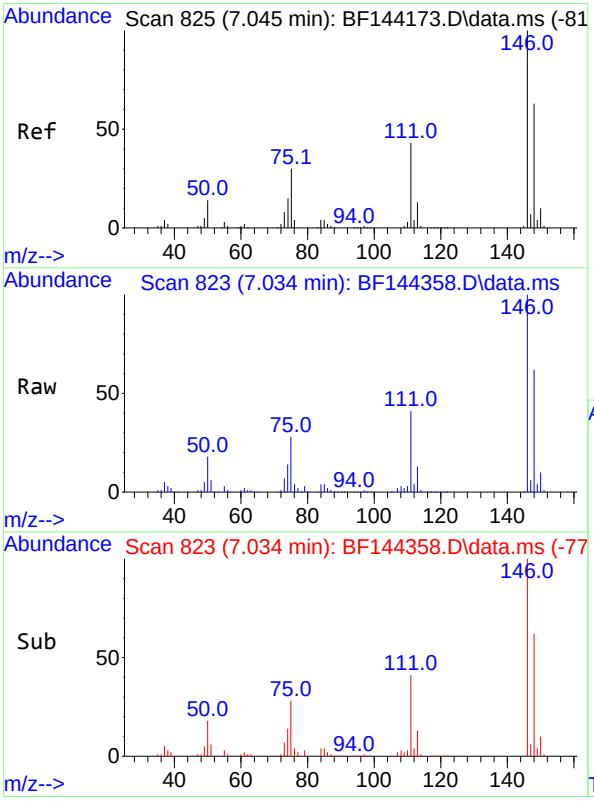

#13
1,4-Dichlorobenzene
Concen: 38.466 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 184759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.2 | 75.2 |
| 111 | 39.8 | 32.6 | 48.8 |

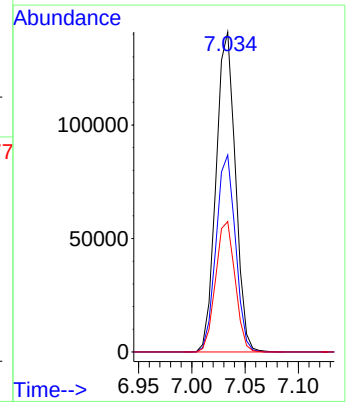


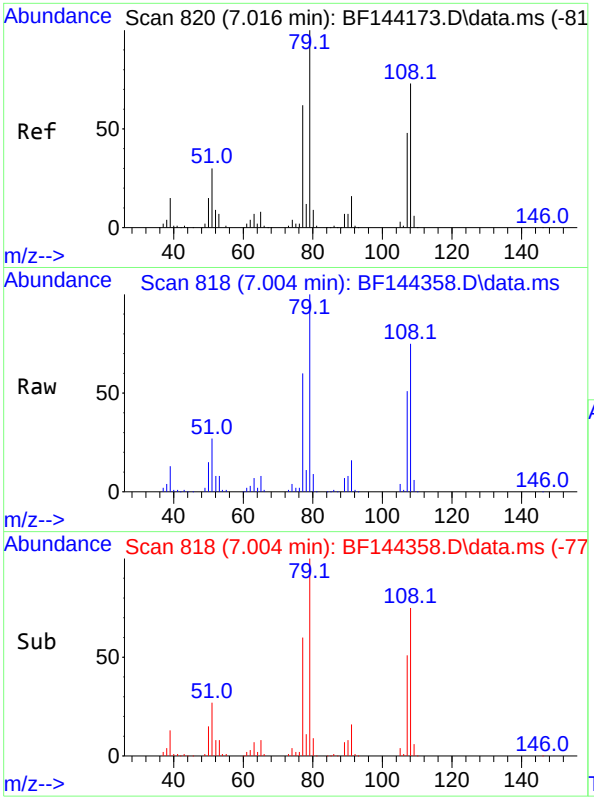




#14
1,2-Dichlorobenzene
Concen: 38.706 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:146 Resp: 178196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.6 | 50.7 | 76.1 |
| 111 | 40.8 | 34.2 | 51.4 |



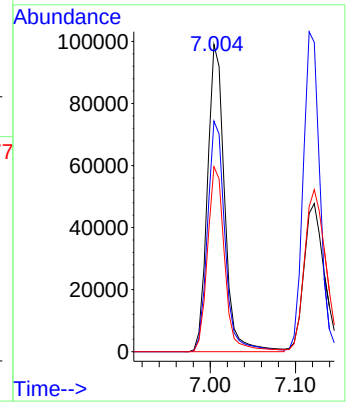


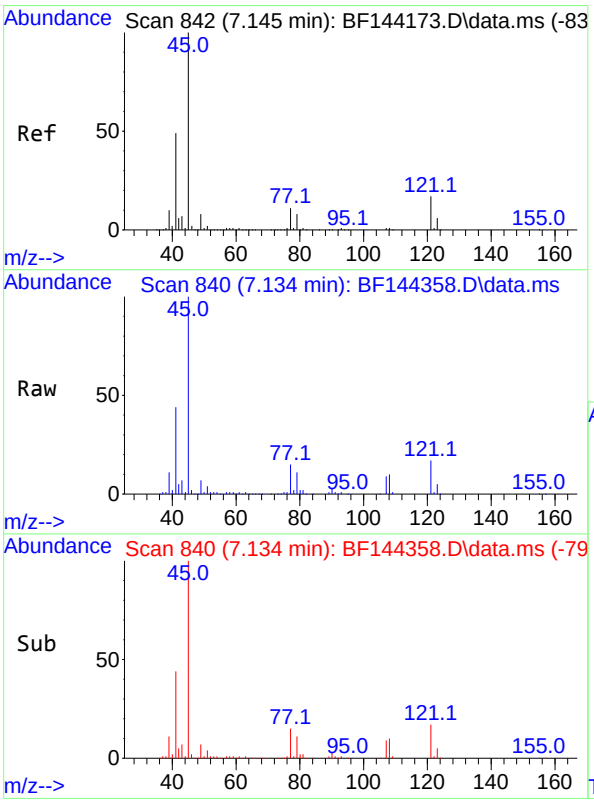

#15
Benzyl Alcohol
Concen: 38.897 ng
RT: 7.004 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 138263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.1 | 58.2 | 87.4 |
| 77 | 60.2 | 49.9 | 74.9 |

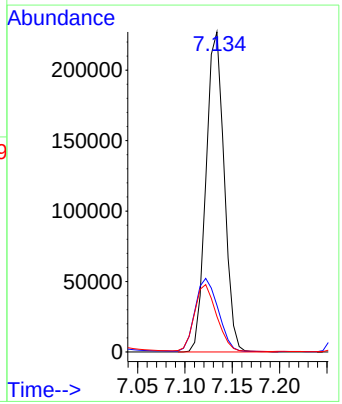


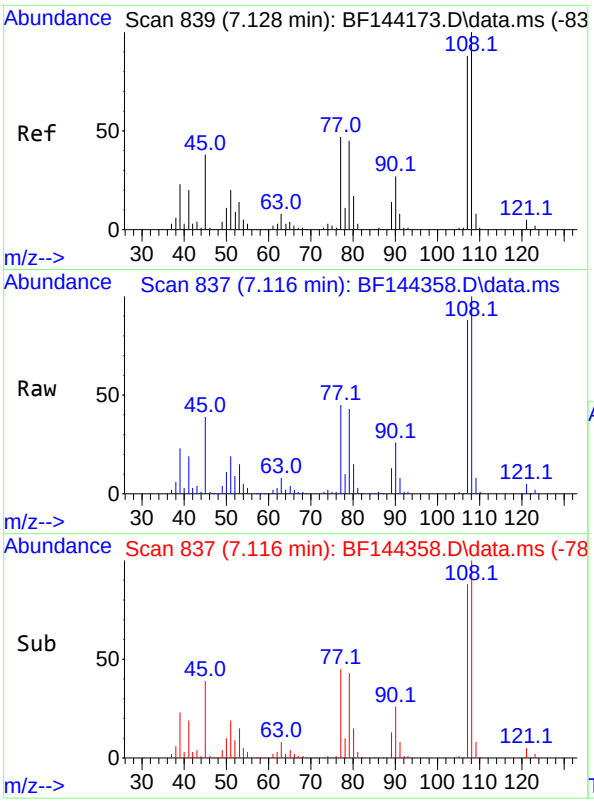




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.884 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 45 Resp: 300892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.6 | 0.0 | 31.8 |
| 79 | 11.1 | 0.0 | 29.1 |



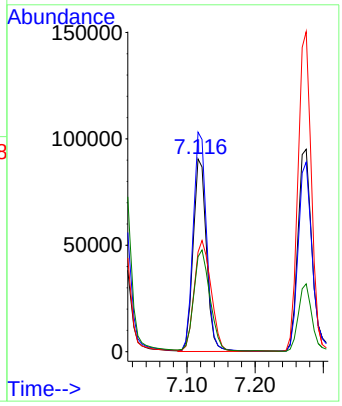


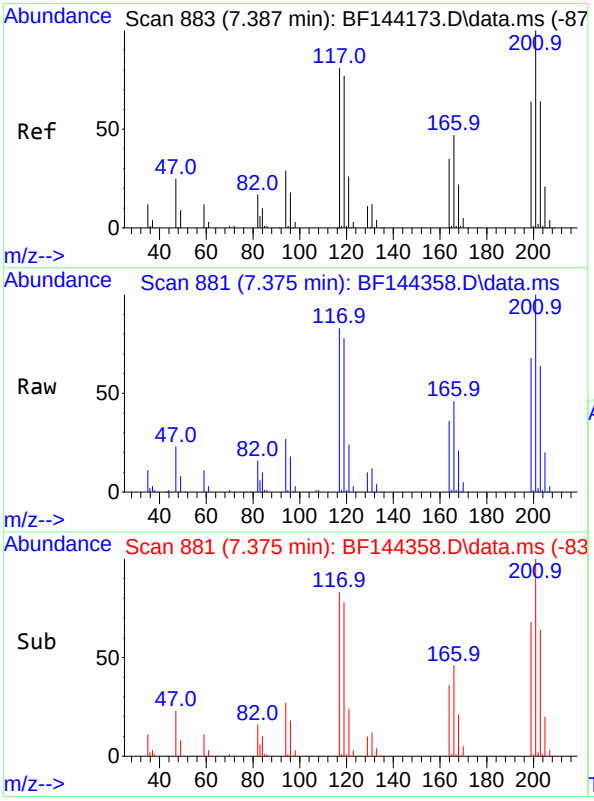

#17
2-Methylphenol
Concen: 39.870 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 123237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.8 | 91.0 | 136.4 |
| 77 | 51.6 | 42.7 | 64.1 |
| 79 | 49.2 | 41.4 | 62.2 |

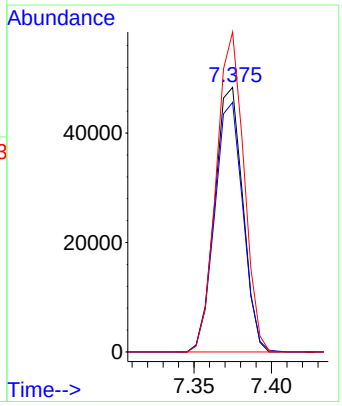


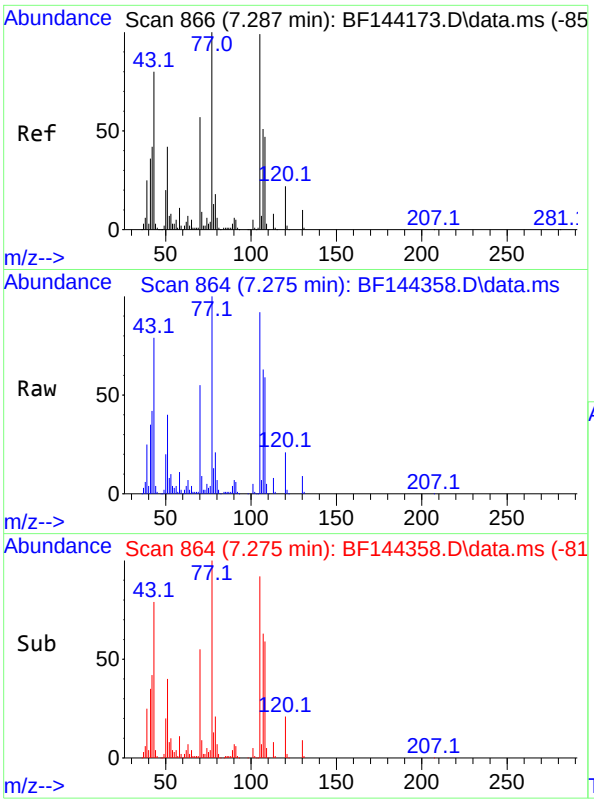




#18
Hexachloroethane
Concen: 38.311 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:117 Resp: 61135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.3 | 75.8 | 113.8 |
| 201 | 120.9 | 98.9 | 148.3 |



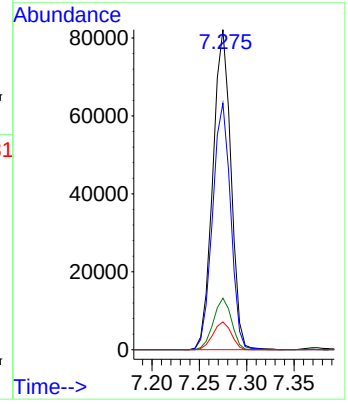


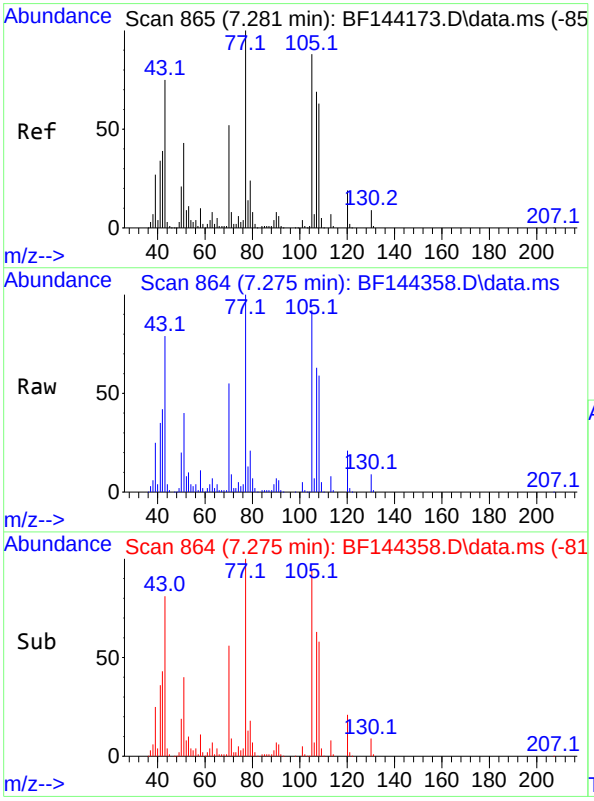

#19
n-Nitroso-di-n-propylamine
Concen: 36.859 ng
RT: 7.275 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 108927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 77.0 | 58.3 | 87.5 |
| 101 | 8.7 | 7.0 | 10.6 |
| 130 | 16.1 | 14.4 | 21.6 |

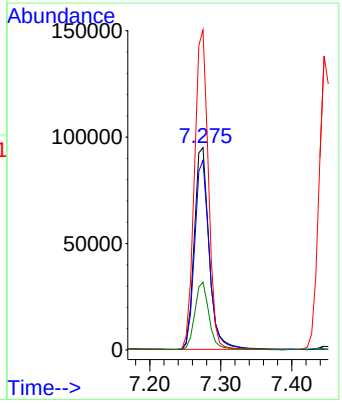


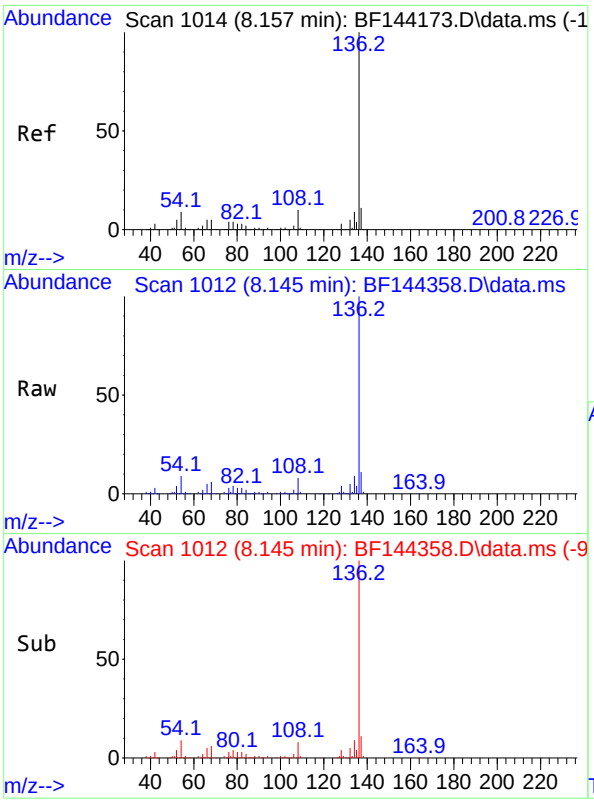




#20
3+4-Methylphenols
Concen: 37.893 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:107 Resp: 138067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 93.7 | 70.2 | 110.2 |
| 77 | 158.0 | 123.9 | 163.9 |
| 79 | 33.5 | 14.2 | 54.2 |



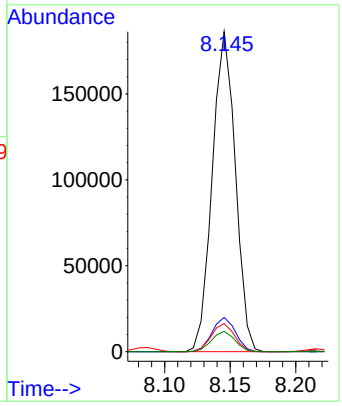


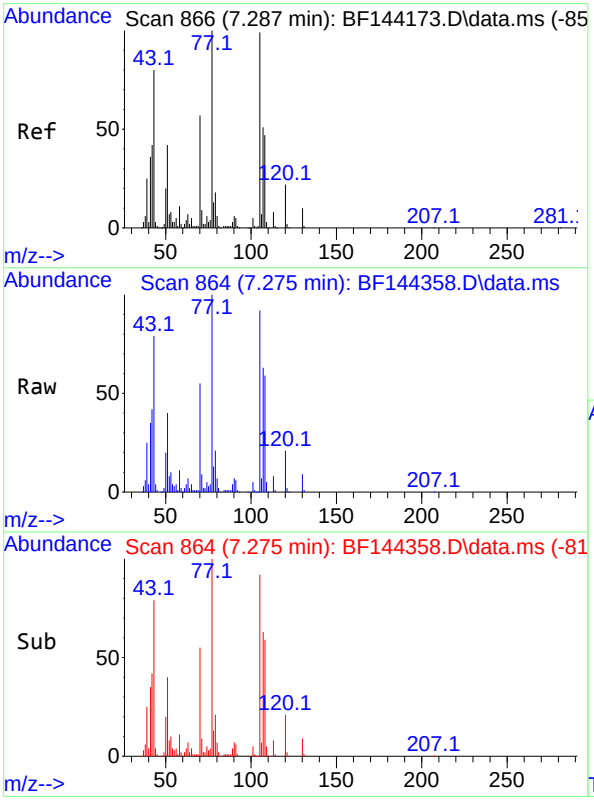

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 227764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 8.8 | 7.0 | 10.6 |
| 68 | 6.4 | 4.3 | 6.5 |

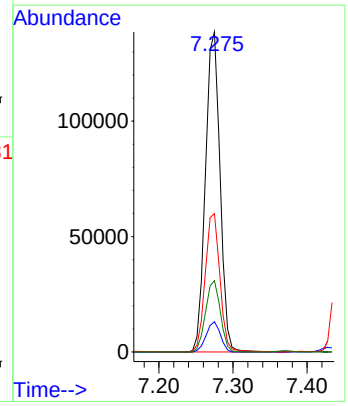


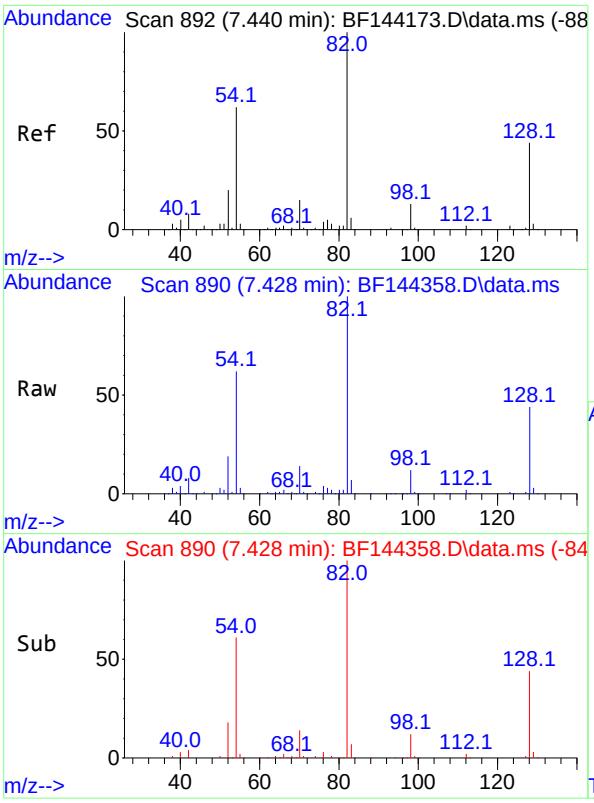




#22
Acetophenone
Concen: 38.834 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:105 Resp: 189743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.4 | 7.2 | 10.8 |
| 51 | 43.3 | 34.0 | 51.0 |
| 120 | 22.3 | 17.8 | 26.6 |



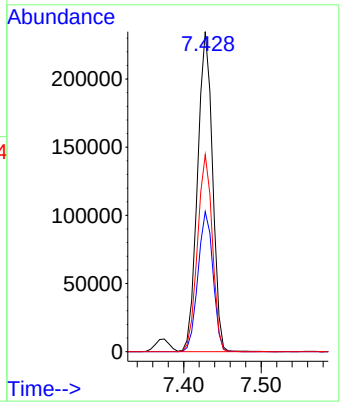


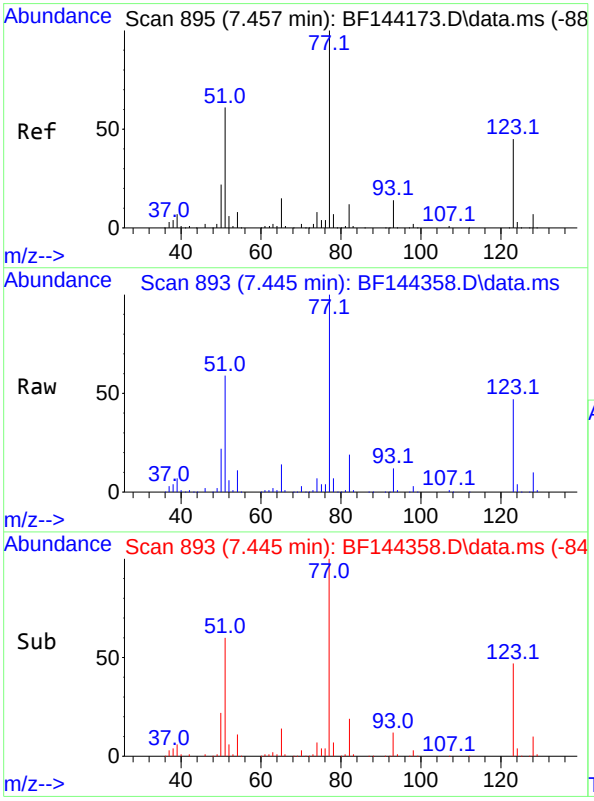

#23
Nitrobenzene-d5
Concen: 79.993 ng
RT: 7.428 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 315463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.8 | 34.7 | 52.1 |
| 54 | 61.5 | 49.5 | 74.3 |

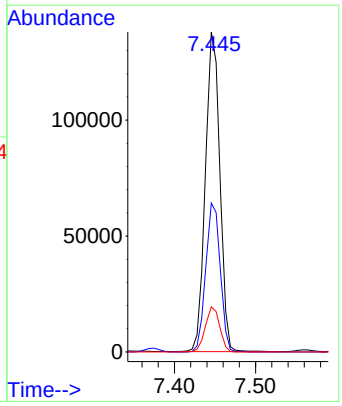


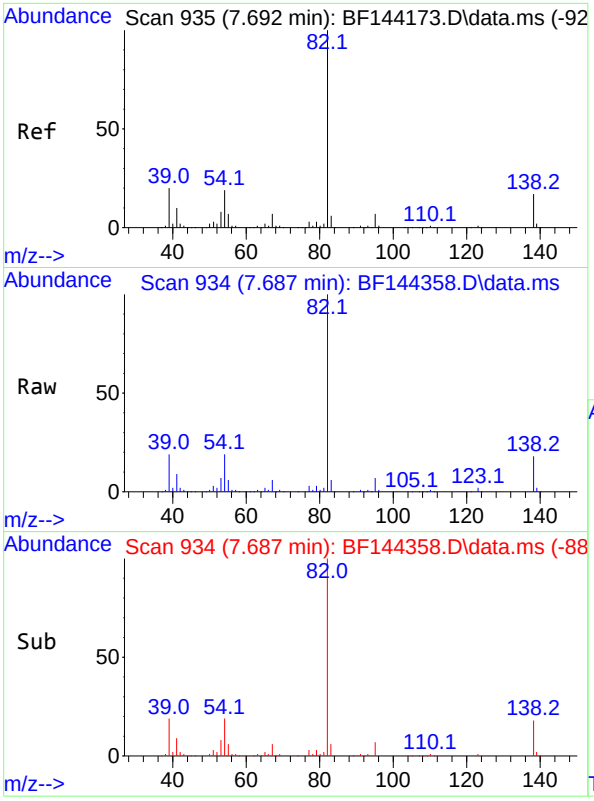

#24
Nitrobenzene
Concen: 39.801 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 77 Resp: 170420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.5 | 35.8 | 53.8 |
| 65 | 14.1 | 12.2 | 18.2 |



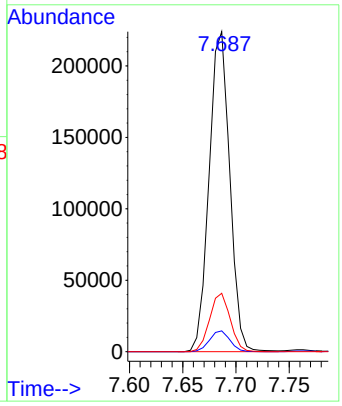
**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

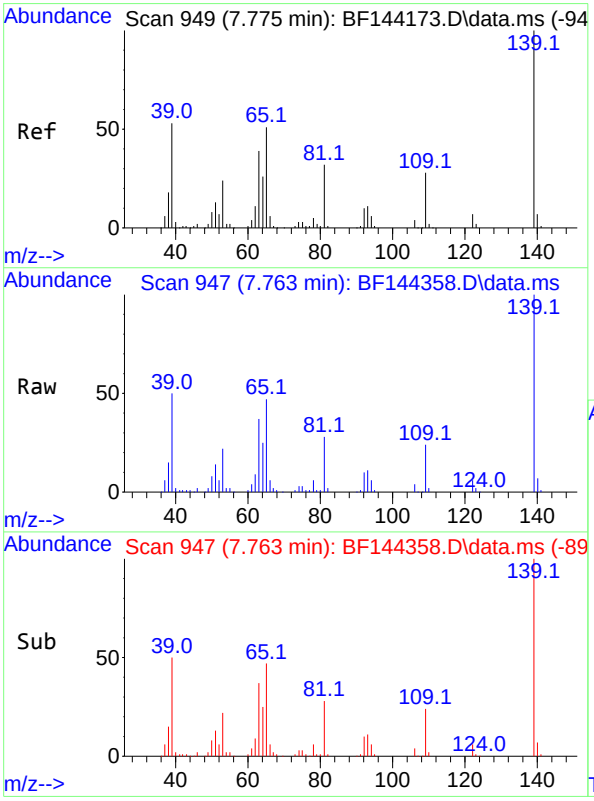



#25
Isophorone
Concen: 40.493 ng
RT: 7.687 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 82 Resp: 302058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.5 | 8.3 |
| 138 | 18.3 | 13.7 | 20.5 |

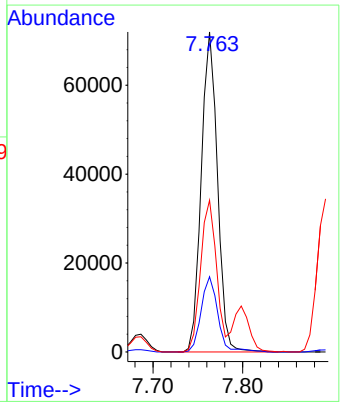


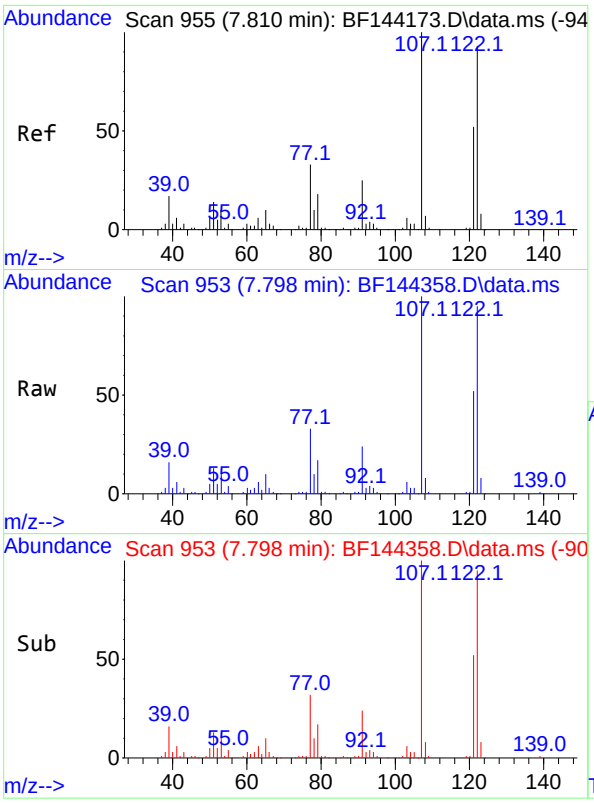




#26
2-Nitrophenol
Concen: 42.519 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:139 Resp: 90123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 23.5 | 22.2 | 33.2 |
| 65 | 47.4 | 40.7 | 61.1 |



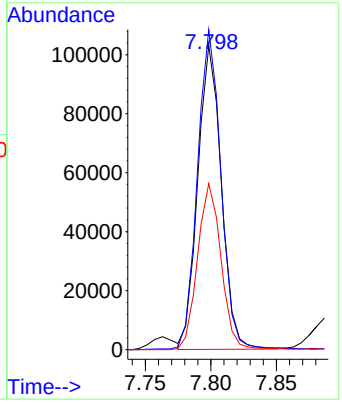


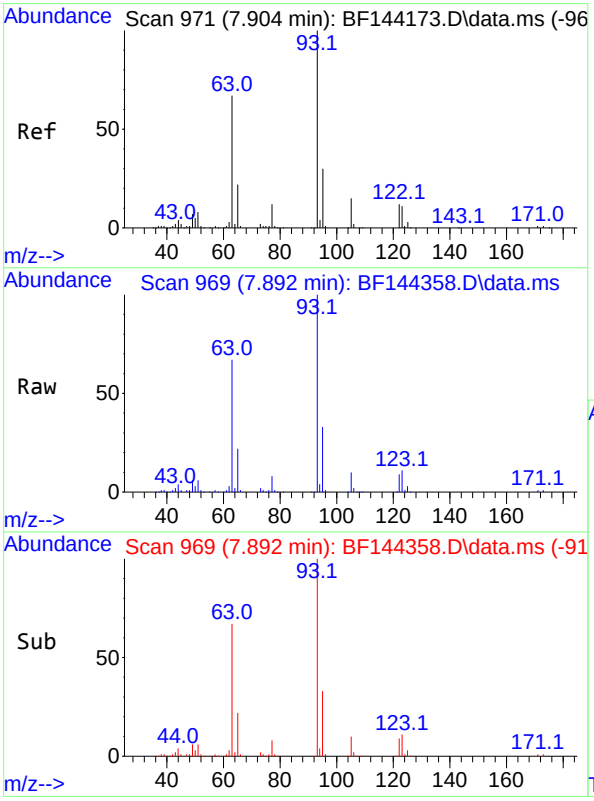

#27
2,4-Dimethylphenol
Concen: 40.608 ng
RT: 7.798 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 129009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 105.2 | 86.2 | 129.4 |
| 121 | 54.6 | 44.6 | 66.8 |

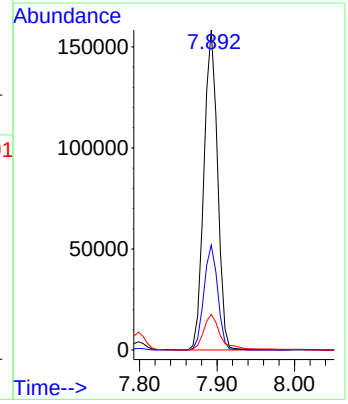


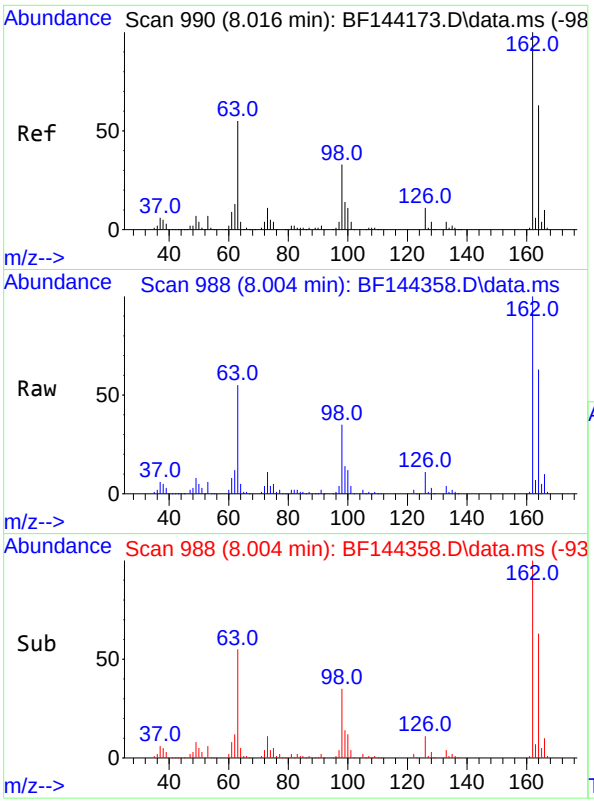




#28
bis(2-Chloroethoxy)methane
Concen: 41.620 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 93 Resp: 193873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 24.2 | 36.4 |
| 123 | 11.1 | 9.0 | 13.4 |



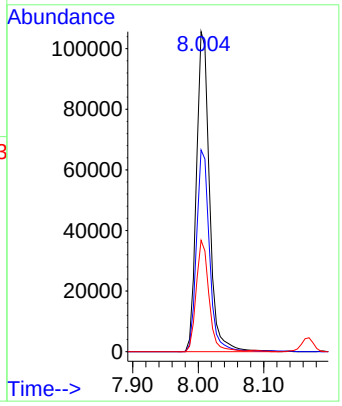


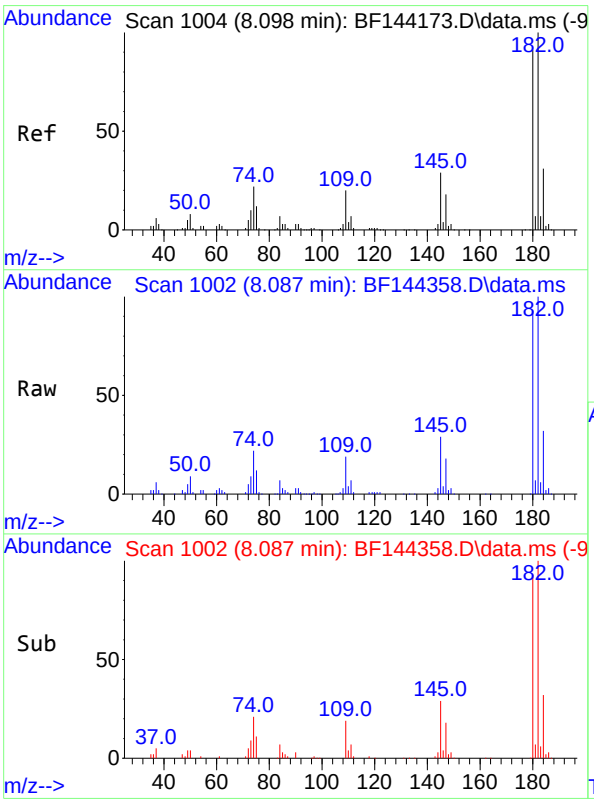

#29
2,4-Dichlorophenol
Concen: 40.066 ng
RT: 8.004 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 146706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.0 | 42.9 | 82.9 |
| 98 | 34.8 | 13.3 | 53.3 |

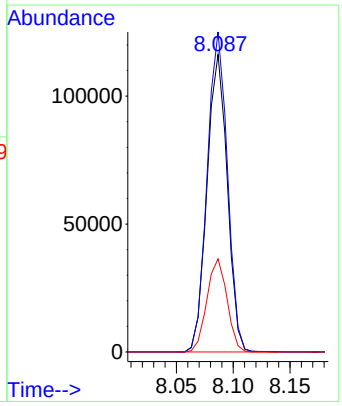


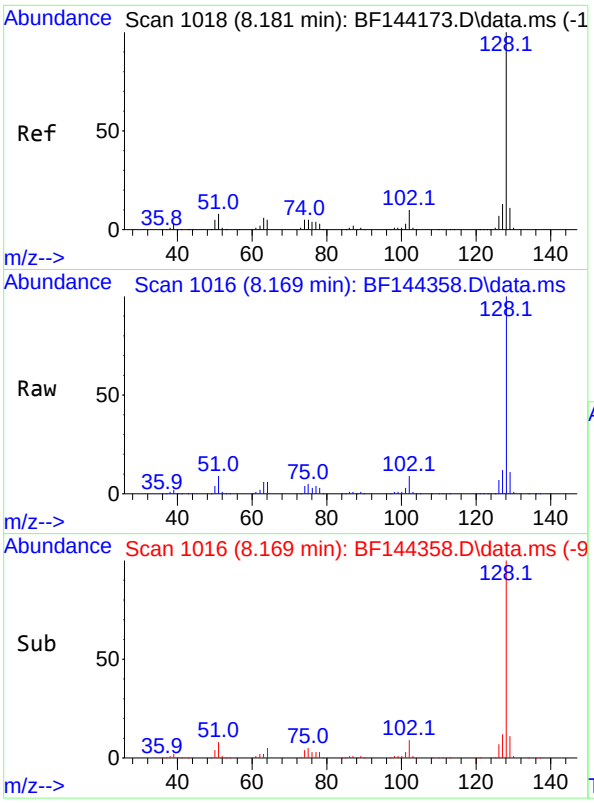




#30
1,2,4-Trichlorobenzene
Concen: 38.451 ng
RT: 8.087 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:180 Resp: 144573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 107.5 | 87.7 | 131.5 |
| 145 | 31.3 | 25.4 | 38.0 |



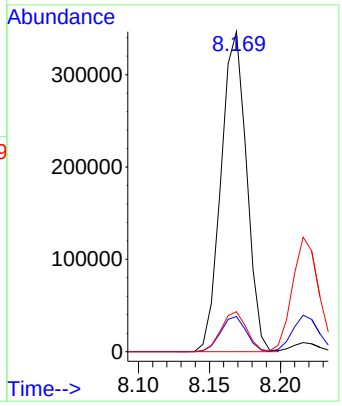


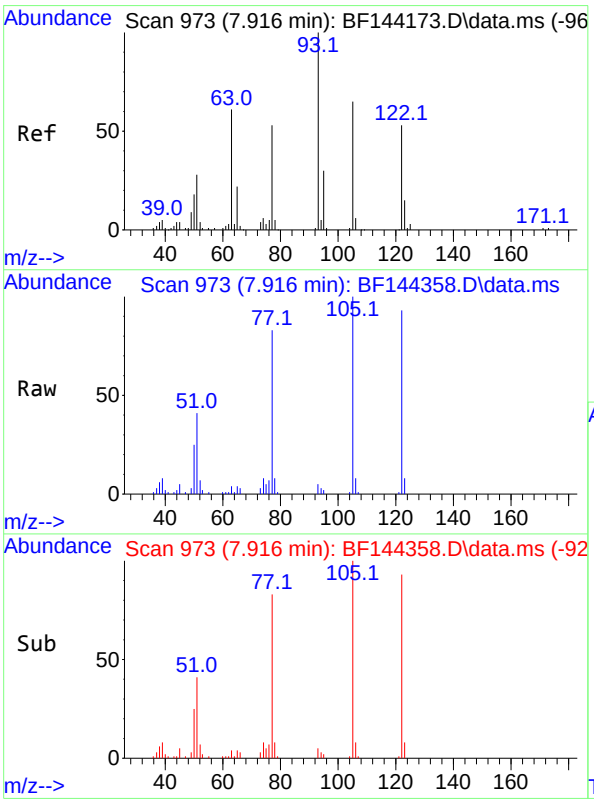

#31
Naphthalene
Concen: 39.984 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 433206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.9 | 13.3 |
| 127 | 12.5 | 10.3 | 15.5 |

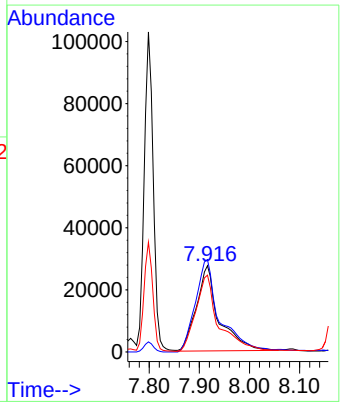


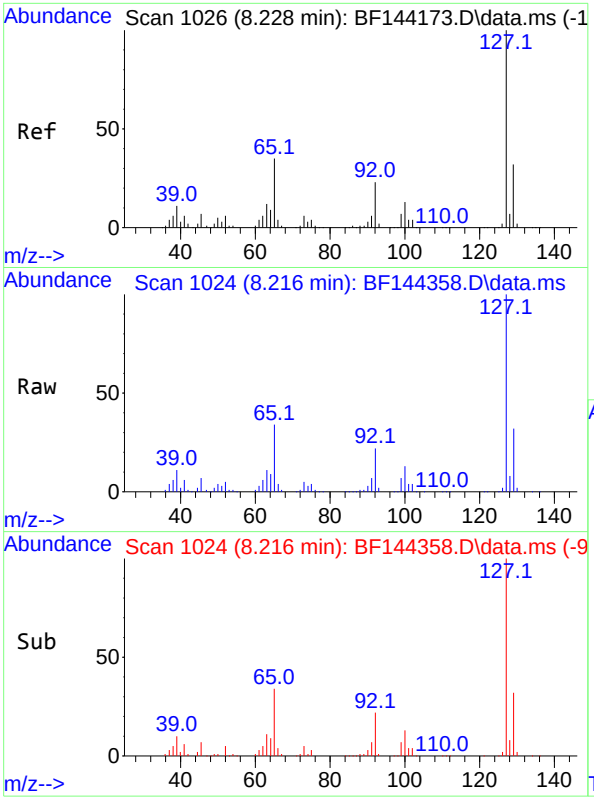




#32
Benzoic acid
Concen: 37.128 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:122 Resp: 86460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 107.0 | 99.9 | 139.9 |
| 77 | 89.0 | 77.5 | 117.5 |



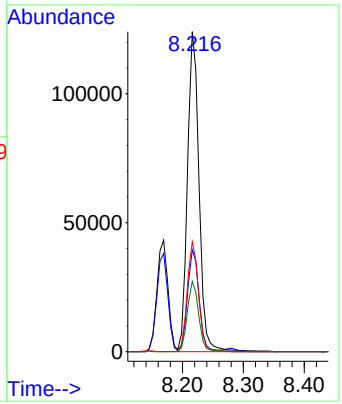


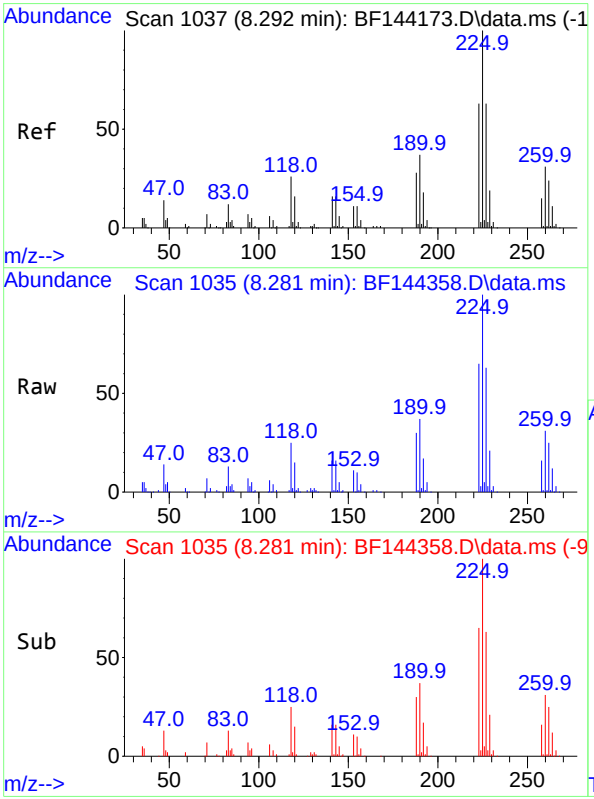

#33
4-Chloroaniline
Concen: 41.382 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 163521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 25.3 | 37.9 |
| 65 | 34.4 | 27.6 | 41.4 |
| 92 | 22.0 | 18.4 | 27.6 |

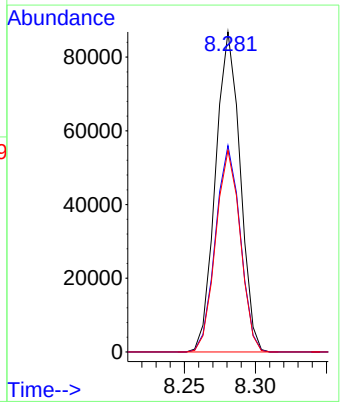


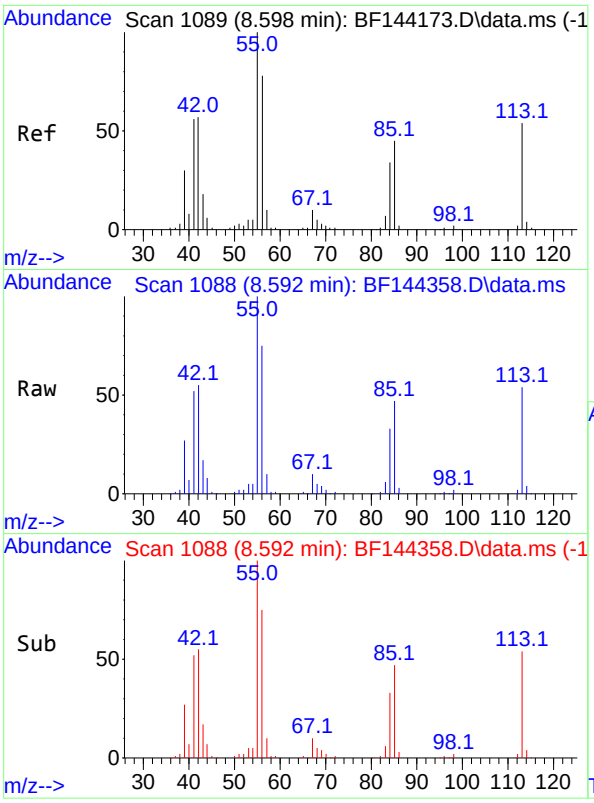




#34
Hexachlorobutadiene
Concen: 36.970 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:225 Resp: 104761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.5 | 50.2 | 75.4 |
| 227 | 62.9 | 50.1 | 75.1 |



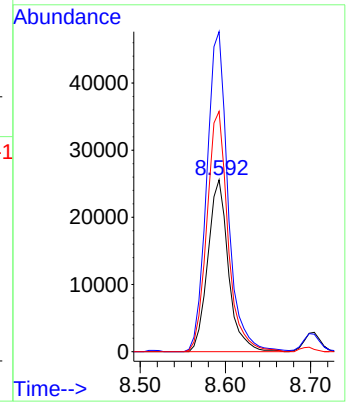


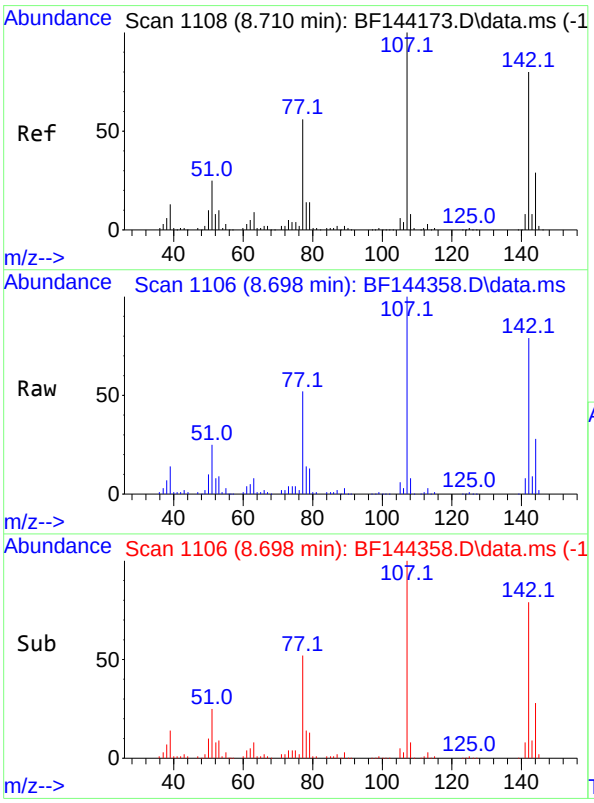

#35
Caprolactam
Concen: 42.776 ng
RT: 8.592 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 42912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 186.2 | 166.8 | 206.8 |
| 56 | 139.9 | 125.9 | 165.9 |

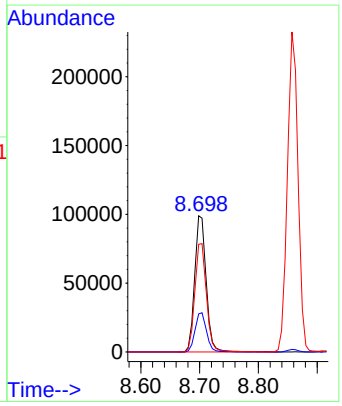


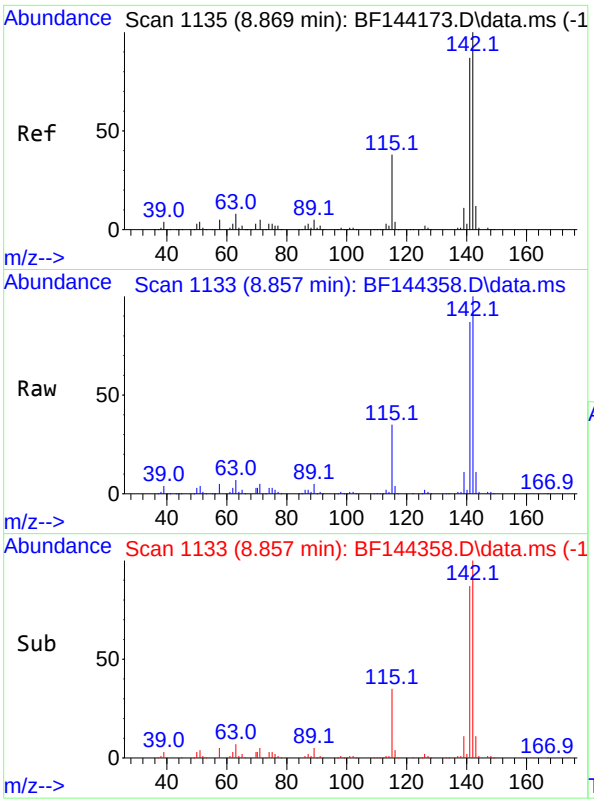




#36
4-Chloro-3-methylphenol
Concen: 40.980 ng
RT: 8.698 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:107 Resp: 134480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.0 | 23.3 | 34.9 |
| 142 | 79.0 | 63.8 | 95.6 |



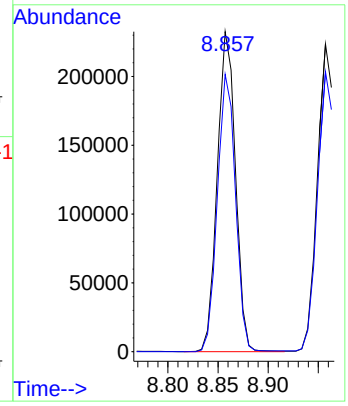


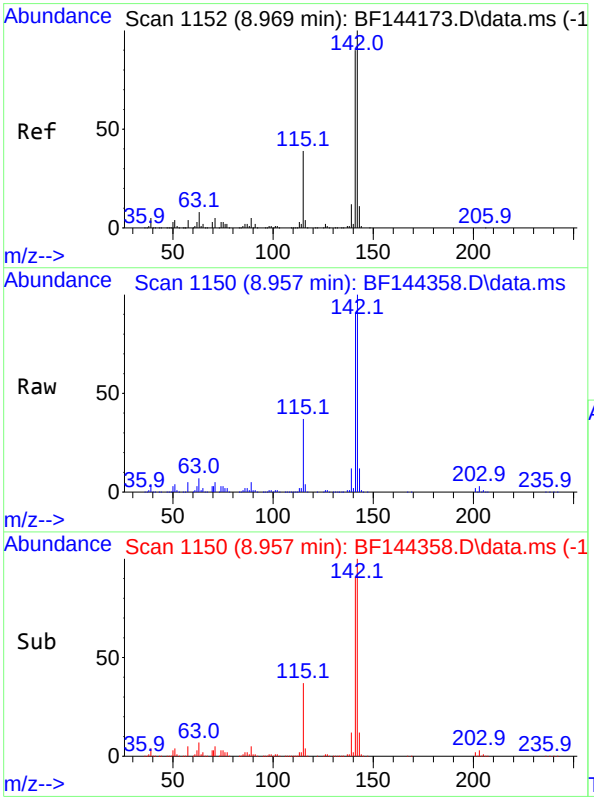

#37
2-Methylnaphthalene
Concen: 40.421 ng
RT: 8.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 292804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.7 | 69.9 | 104.9 |

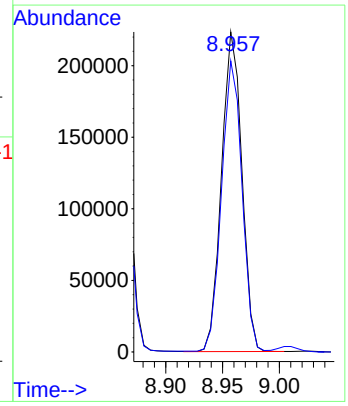


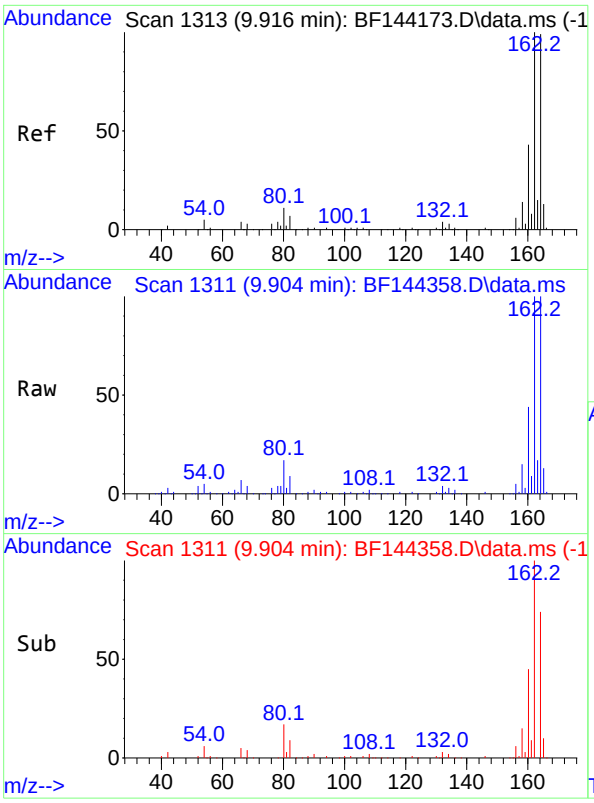




#38
1-Methylnaphthalene
Concen: 39.879 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:142 Resp: 278735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 72.1 | 108.1 |



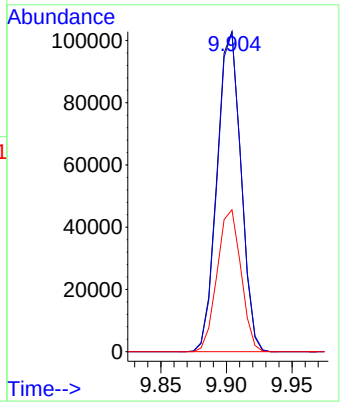


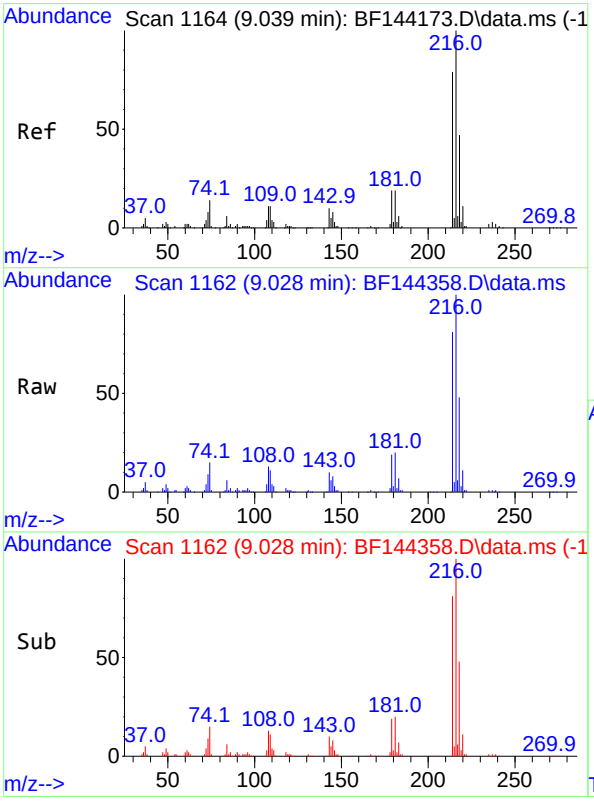

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 130458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 81.1 | 121.7 |
| 160 | 44.3 | 34.5 | 51.7 |

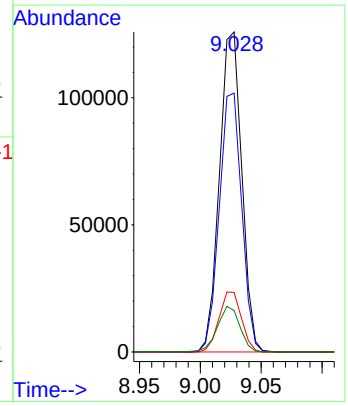


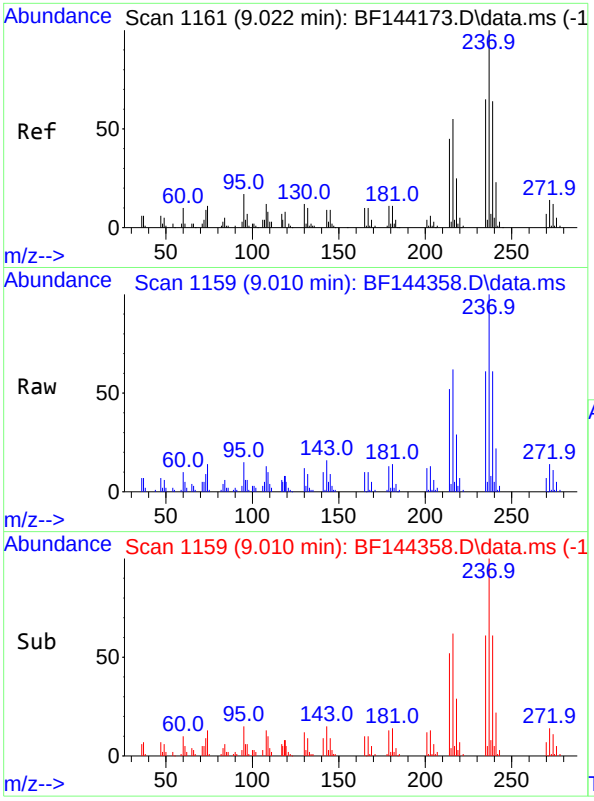




#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.591 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:216 Resp: 160720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 81.4 | 63.4 | 95.2 |
| 179 | 18.9 | 15.0 | 22.4 |
| 108 | 14.5 | 10.5 | 15.7 |



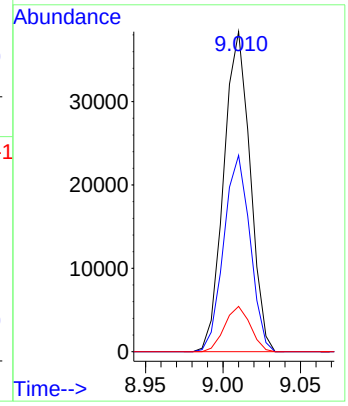


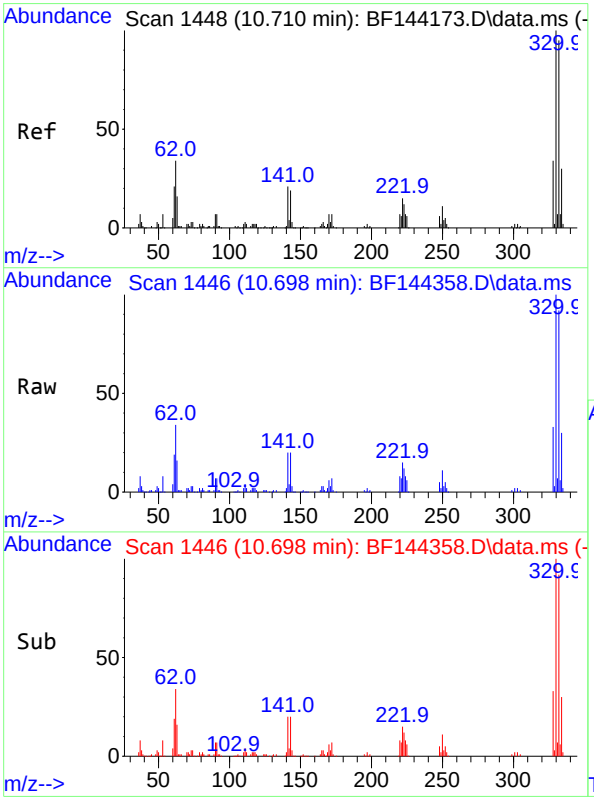

#41
Hexachlorocyclopentadiene
Concen: 36.012 ng
RT: 9.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 45408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.3 | 45.5 | 85.5 |
| 272 | 14.1 | 0.0 | 33.5 |

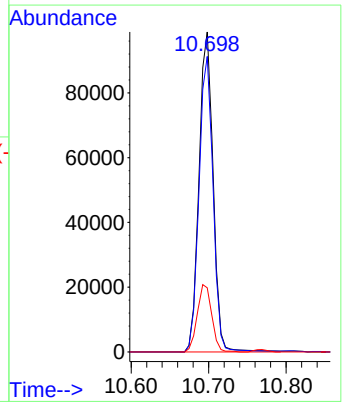


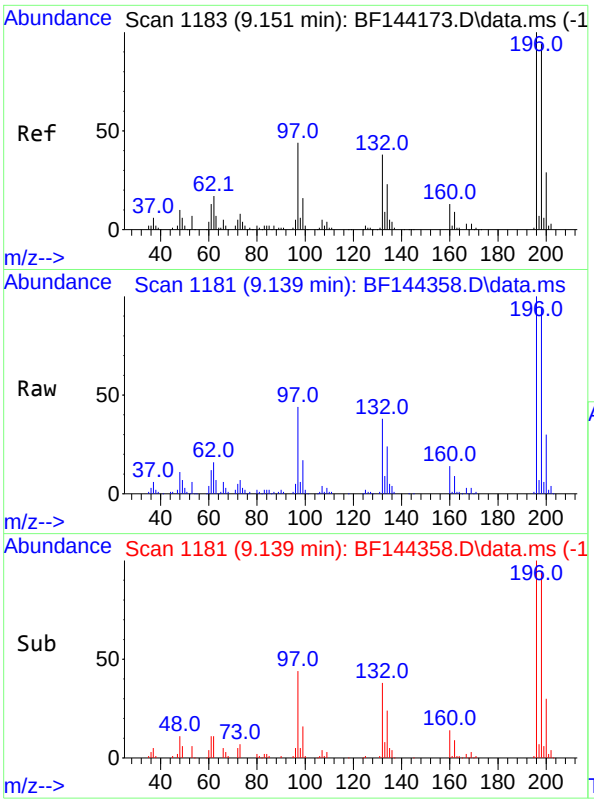




#42
2,4,6-Tribromophenol
Concen: 76.285 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:330 Resp: 124886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.3 | 76.7 | 115.1 |
| 141 | 21.5 | 17.8 | 26.8 |



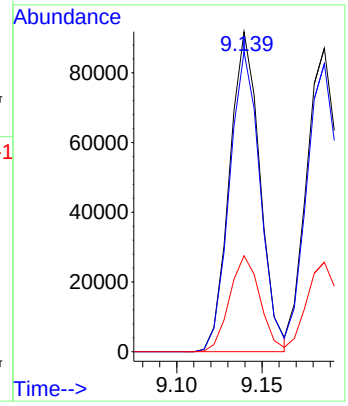


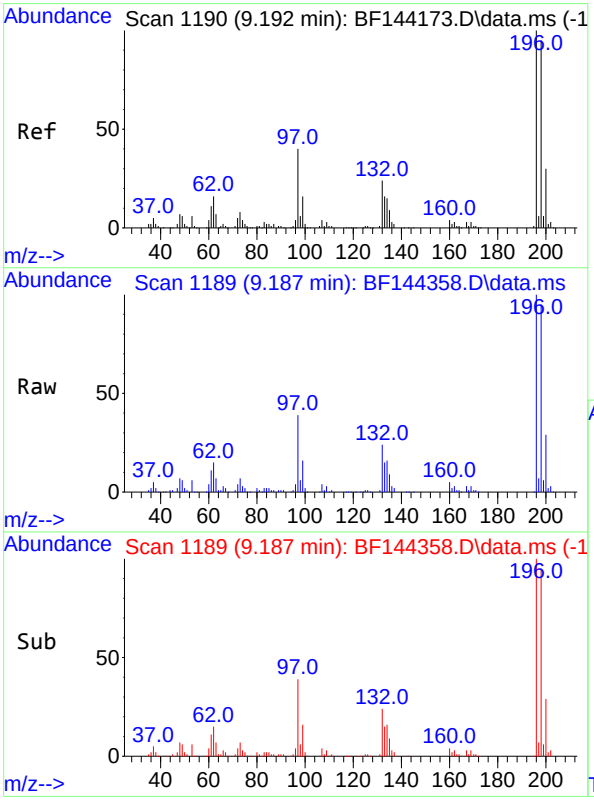

#43
2,4,6-Trichlorophenol
Concen: 39.029 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 113575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.8 | 75.3 | 112.9 |
| 200 | 30.0 | 23.4 | 35.2 |

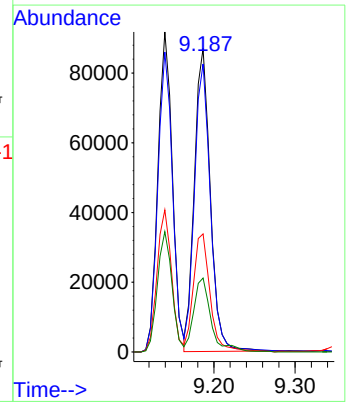


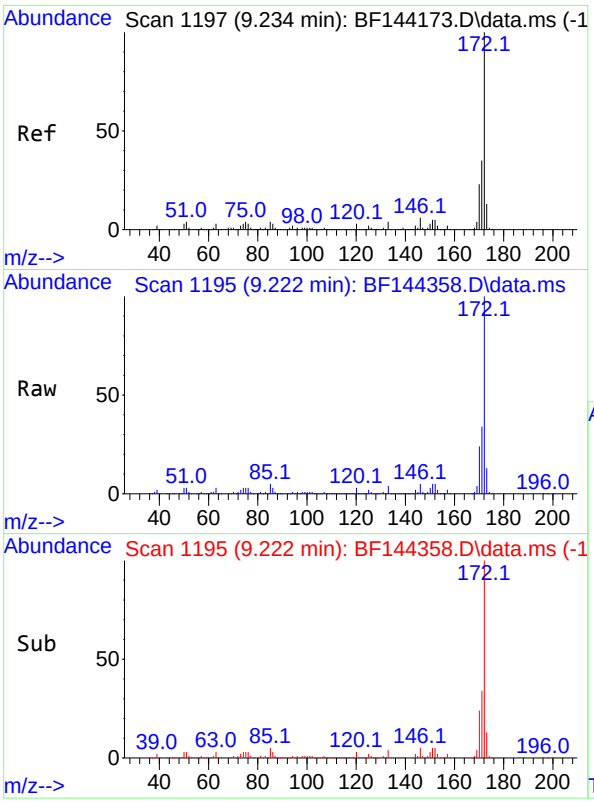




#44
2,4,5-Trichlorophenol
Concen: 37.992 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:196 Resp: 119156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.9 | 76.1 | 114.1 |
| 97 | 38.9 | 31.9 | 47.9 |
| 132 | 24.3 | 19.4 | 29.2 |



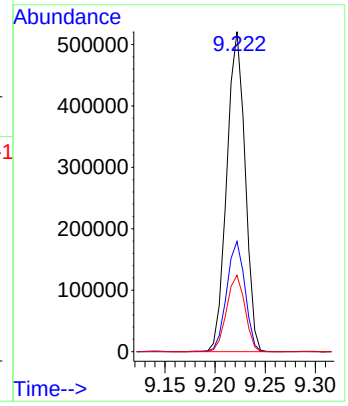


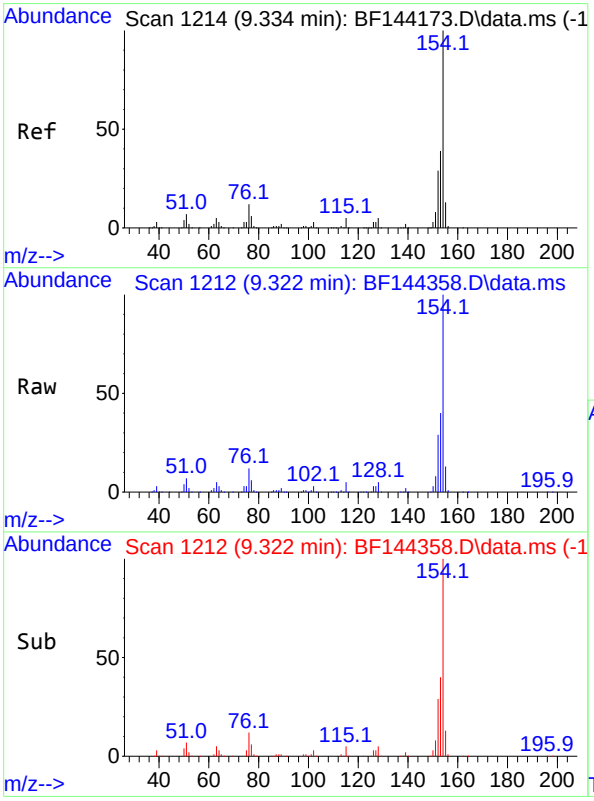

#45
2-Fluorobiphenyl
Concen: 74.726 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 660061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.1 | 42.1 |
| 170 | 23.9 | 18.6 | 28.0 |

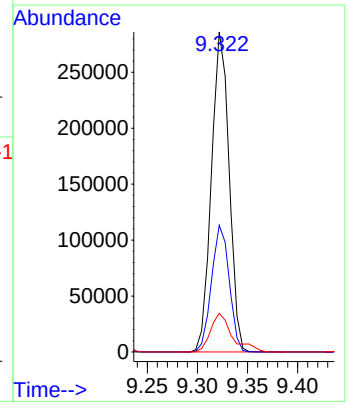


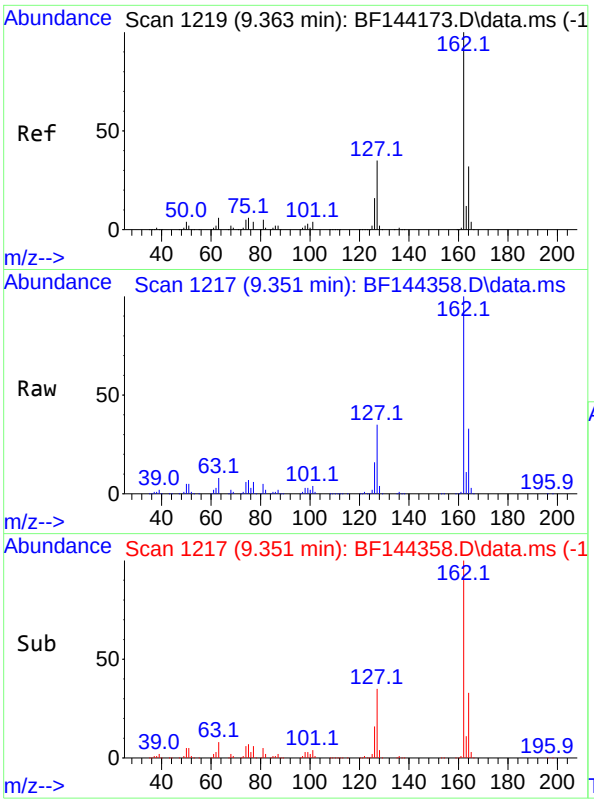




#46
1,1'-Biphenyl
Concen: 38.688 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:154 Resp: 352310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.6 | 19.2 | 59.2 |
| 76 | 12.1 | 0.0 | 31.8 |



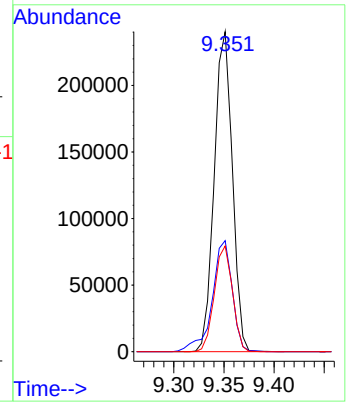


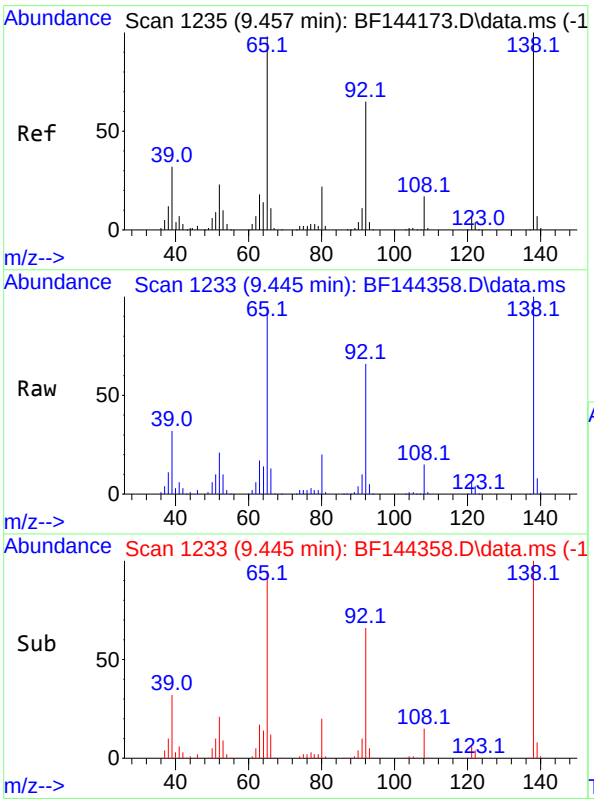

#47
2-Chloronaphthalene
Concen: 38.877 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 301988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 34.7 | 28.8 | 43.2 |
| 164 | 33.0 | 25.8 | 38.8 |

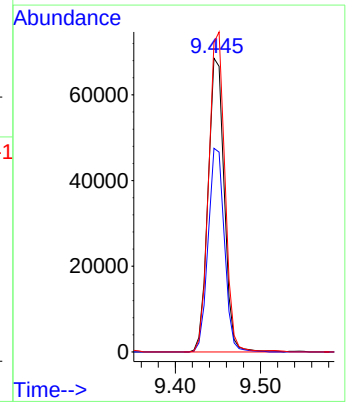


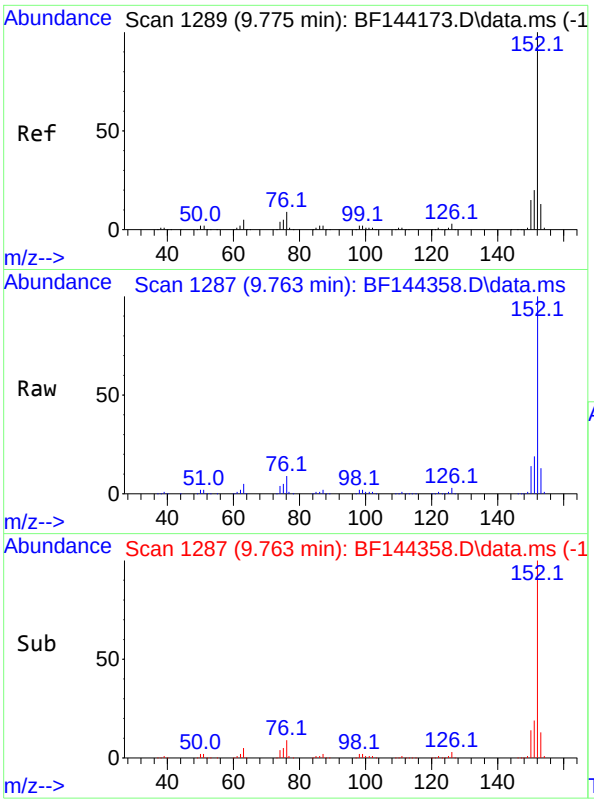




#48
2-Nitroaniline
Concen: 40.432 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 65 Resp: 90620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.3 | 53.0 | 79.6 |
| 138 | 105.4 | 81.6 | 122.4 |



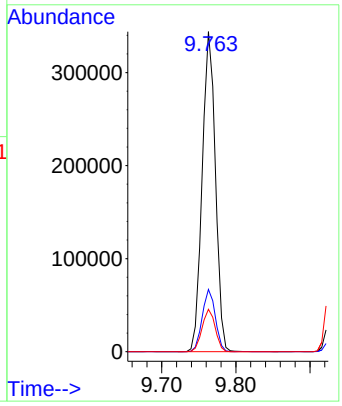


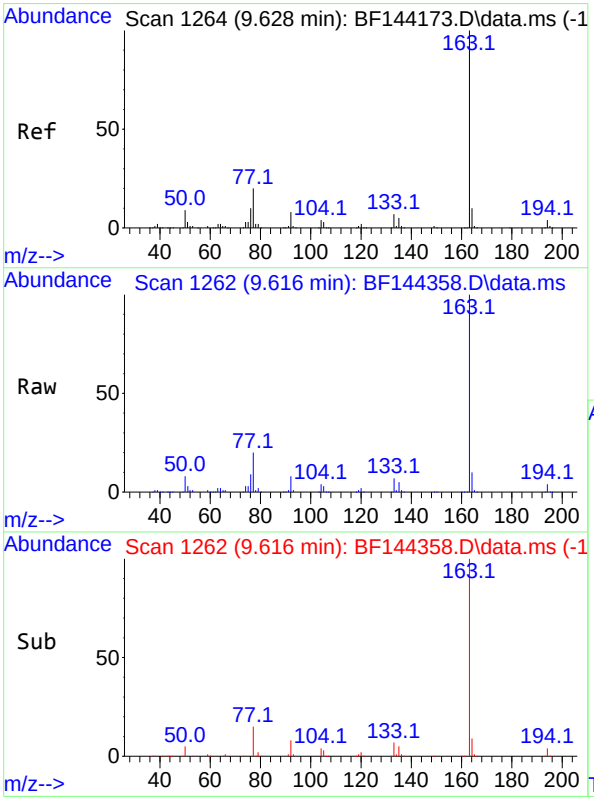

#49
Acenaphthylene
Concen: 40.257 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 426138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.9 | 23.9 |
| 153 | 13.3 | 10.5 | 15.7 |

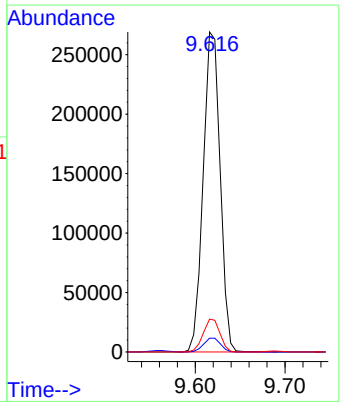


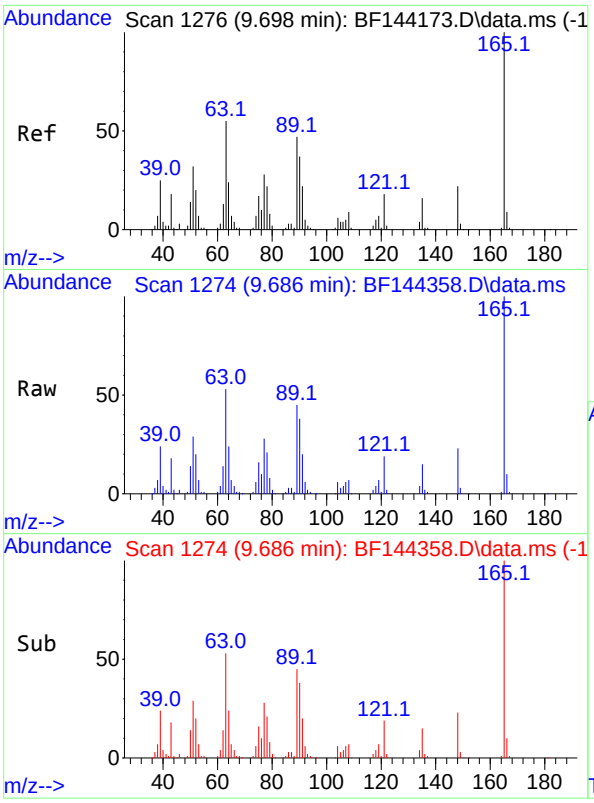




#50
Dimethylphthalate
Concen: 40.845 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:163 Resp: 353006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.3 | 8.1 | 12.1 |



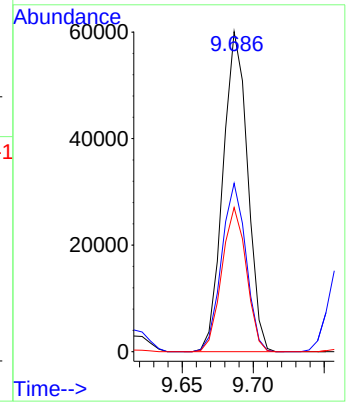


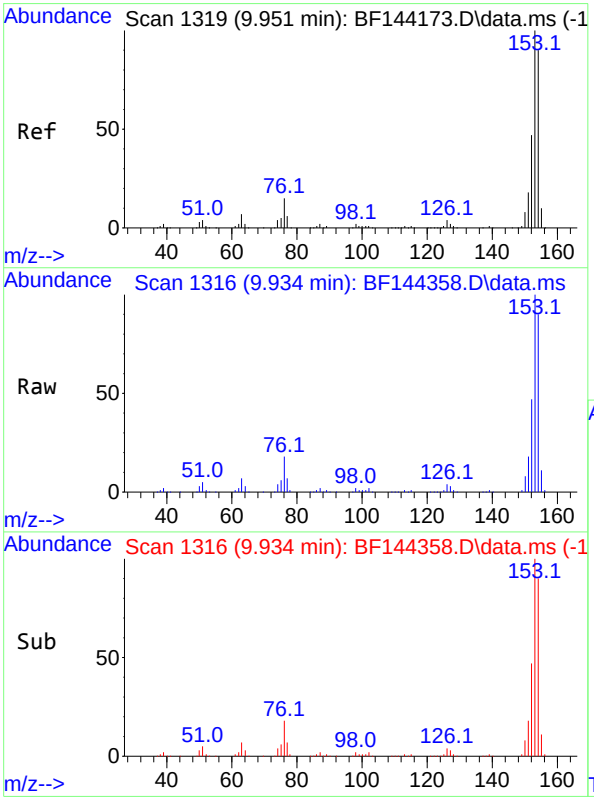

#51
2,6-Dinitrotoluene
Concen: 41.353 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 72349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.6 | 43.8 | 65.8 |
| 89 | 45.0 | 37.5 | 56.3 |

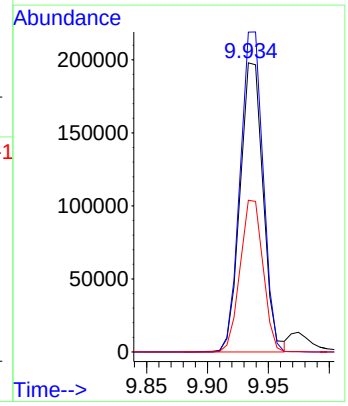


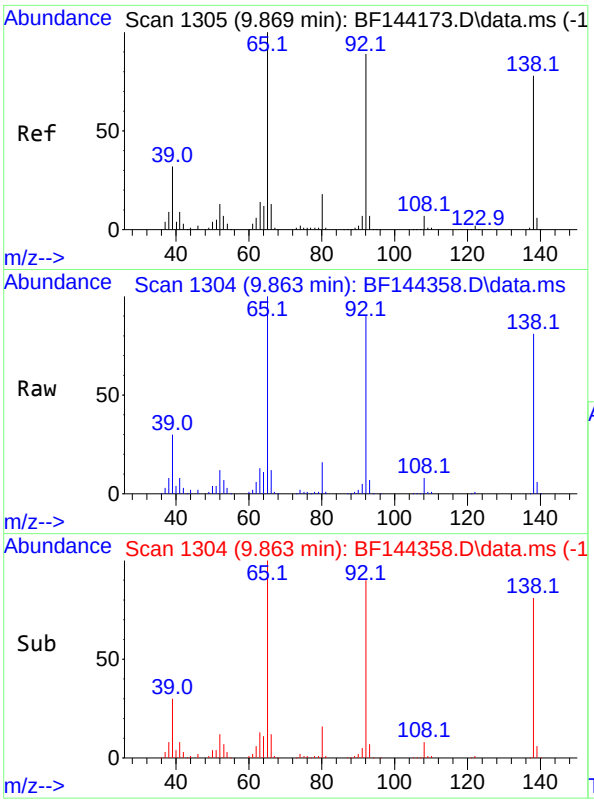




#52
Acenaphthene
Concen: 36.962 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:154 Resp: 261640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.6 | 89.0 | 133.4 |
| 152 | 52.4 | 42.2 | 63.4 |



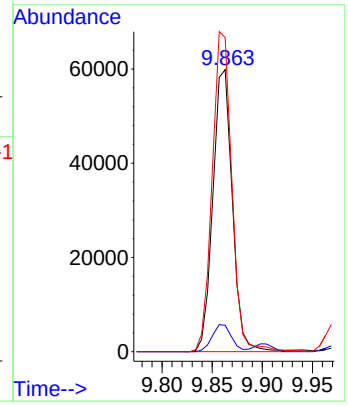


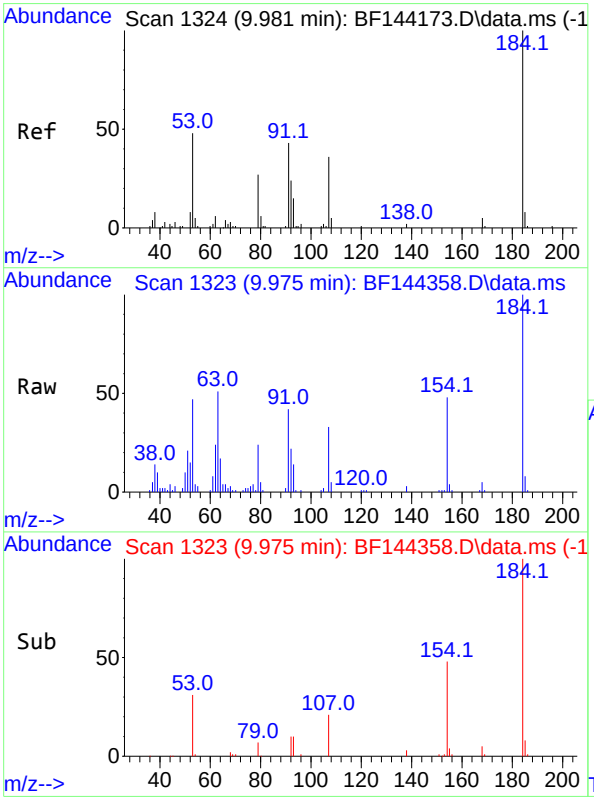

#53
3-Nitroaniline
Concen: 42.236 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 80777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.4 | 7.5 | 11.3 |
| 92 | 111.4 | 91.8 | 137.6 |

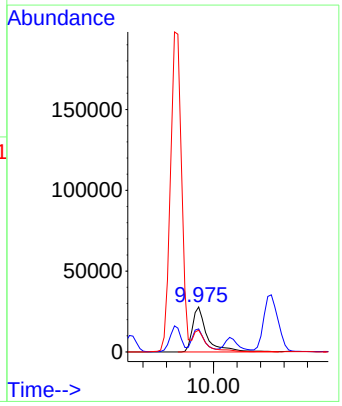


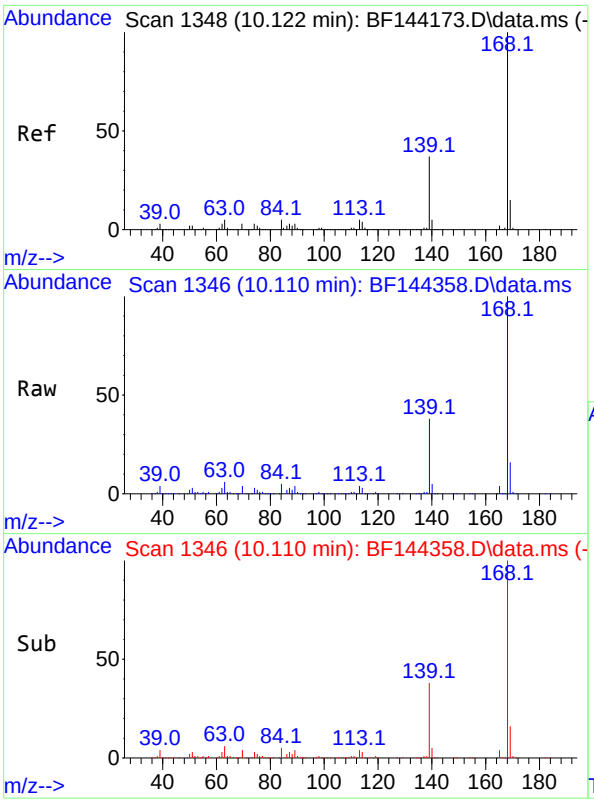




#54
2,4-Dinitrophenol
Concen: 45.717 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:184 Resp: 48299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.3 | 44.0 | 66.0 |
| 154 | 48.4 | 42.4 | 63.6 |



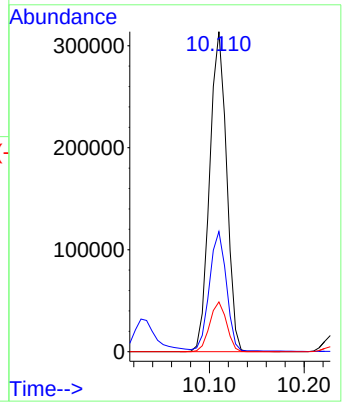


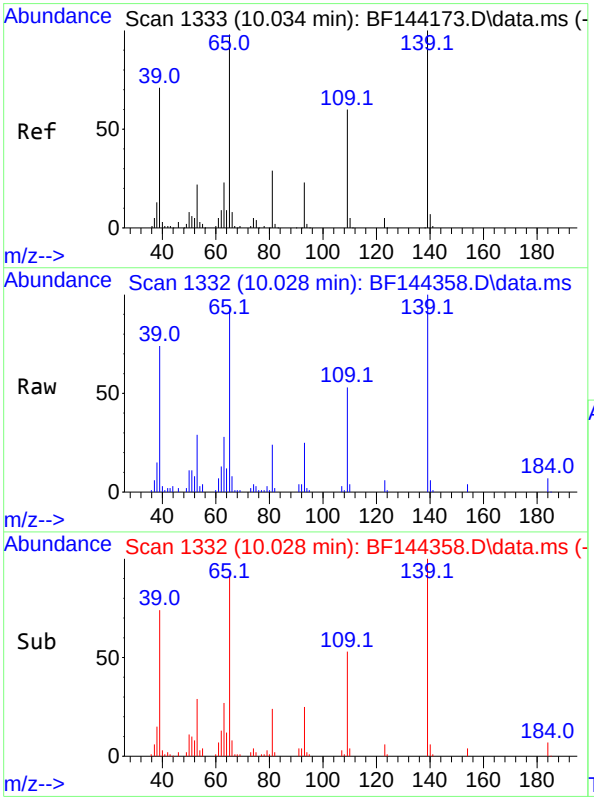

#55
Dibenzofuran
Concen: 39.280 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 389422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.5 | 30.2 | 45.2 |
| 169 | 15.6 | 12.2 | 18.4 |

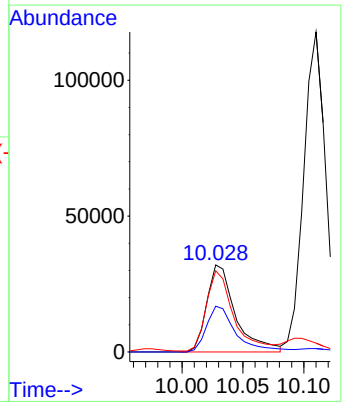


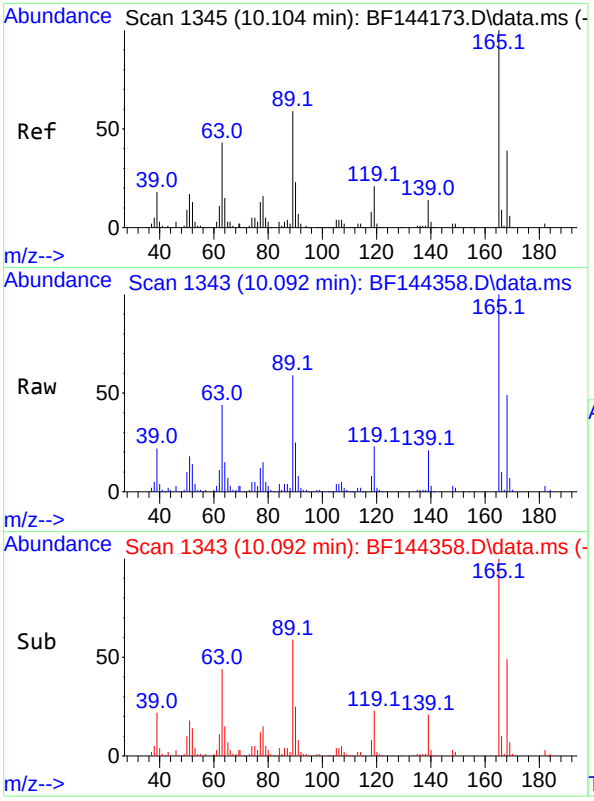




#56
4-Nitrophenol
Concen: 38.064 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:139 Resp: 52660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 52.5 | 39.9 | 79.9 |
| 65 | 93.2 | 79.5 | 119.5 |



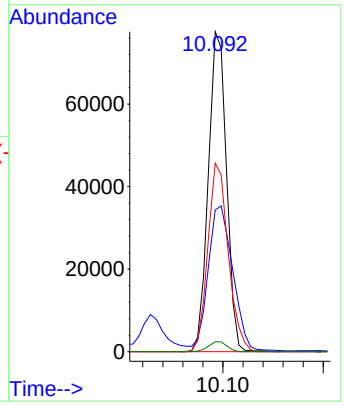


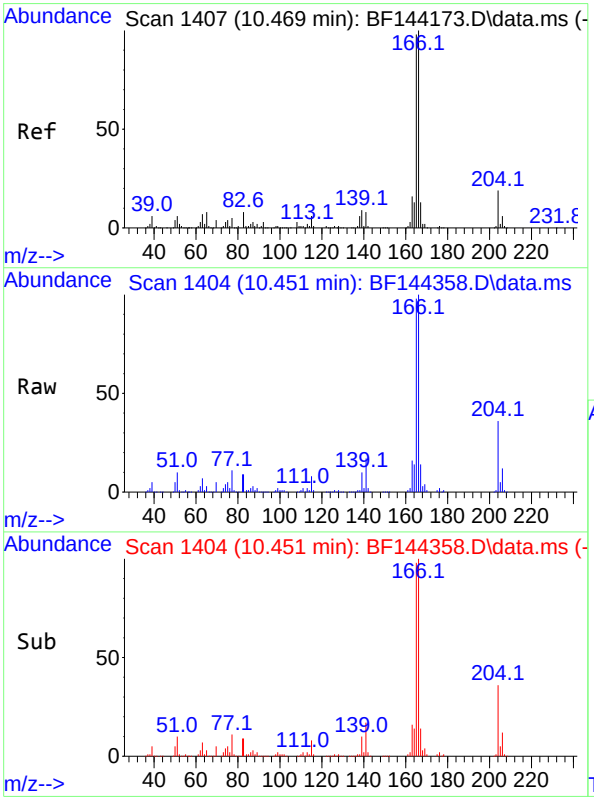

#57
2,4-Dinitrotoluene
Concen: 41.820 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 97946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.3 | 35.5 | 53.3 |
| 89 | 58.9 | 47.4 | 71.2 |
| 182 | 3.1 | 1.9 | 2.9# |

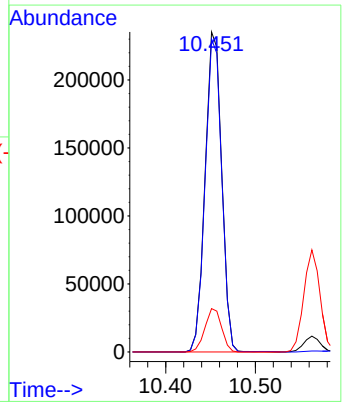


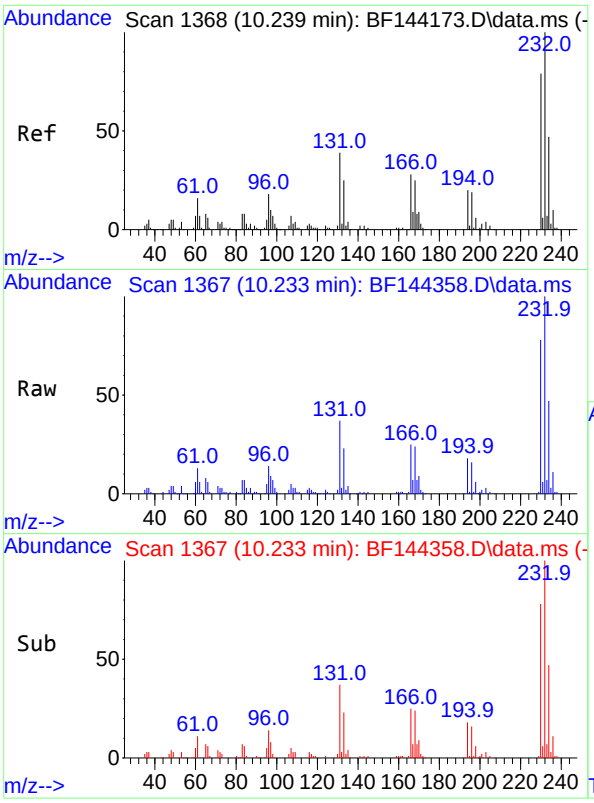




#58
Fluorene
Concen: 40.038 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:166 Resp: 301794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 78.6 | 118.0 |
| 167 | 13.6 | 10.4 | 15.6 |



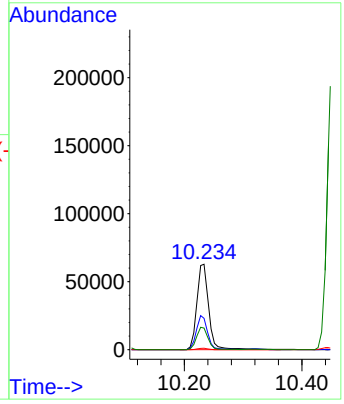


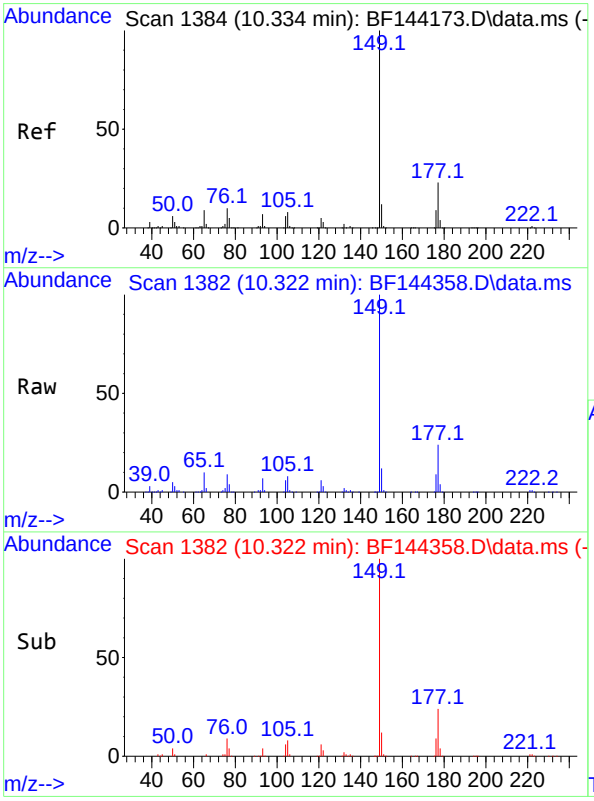

#59
2,3,4,6-Tetrachlorophenol
Concen: 39.503 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 87657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.9 | 30.3 | 45.5 |
| 130 | 1.5 | 1.2 | 1.8 |
| 166 | 25.6 | 21.5 | 32.3 |

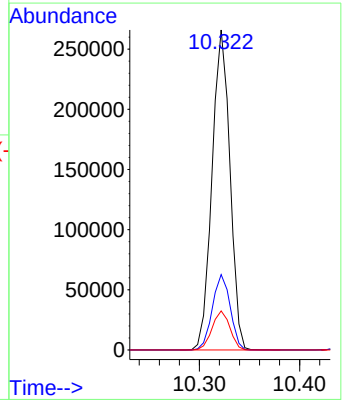


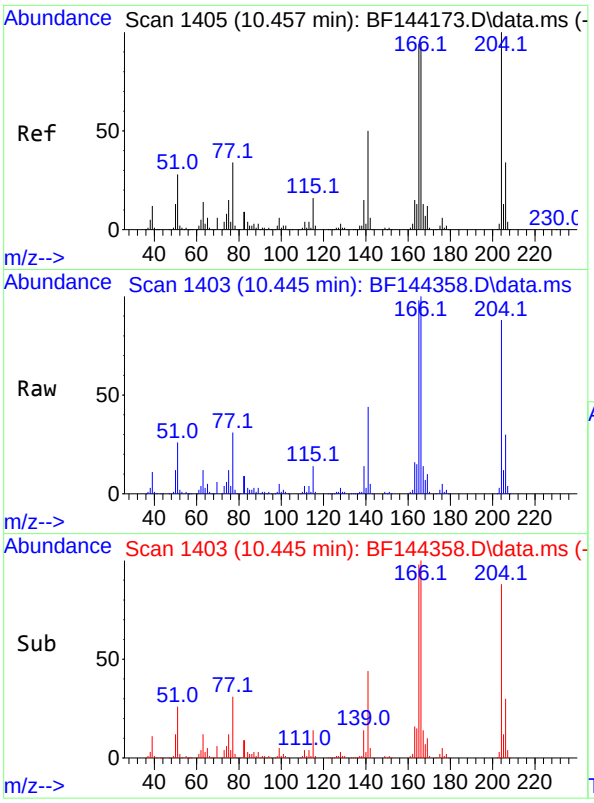




#60
Diethylphthalate
Concen: 41.408 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:149 Resp: 329902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.6 | 18.3 | 27.5 |
| 150 | 12.2 | 9.8 | 14.6 |



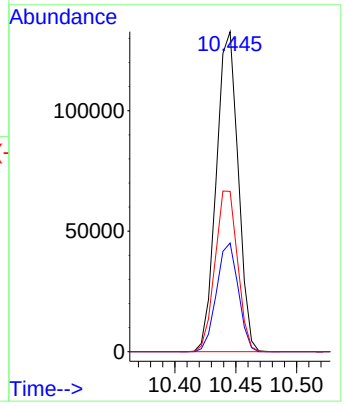


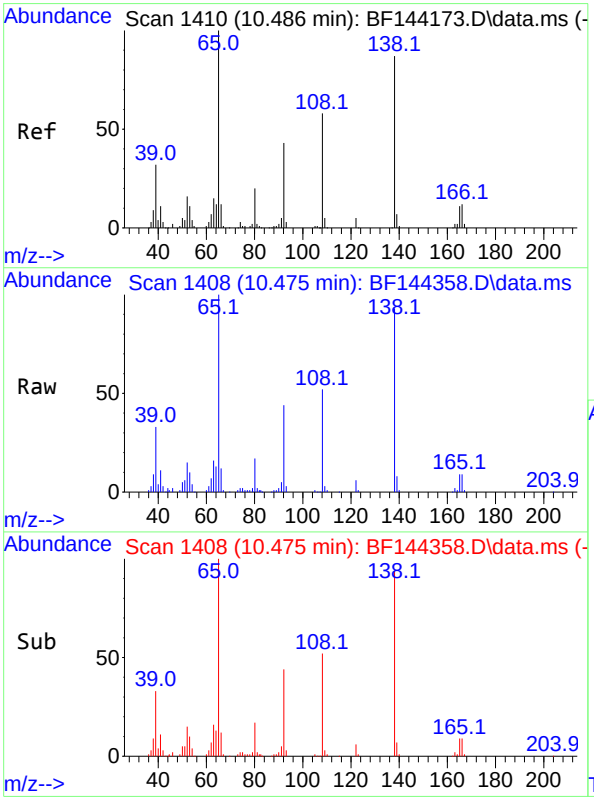

#61
4-Chlorophenyl-phenylether
Concen: 38.545 ng
RT: 10.445 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 165497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 27.4 | 41.2 |
| 141 | 50.1 | 40.0 | 60.0 |

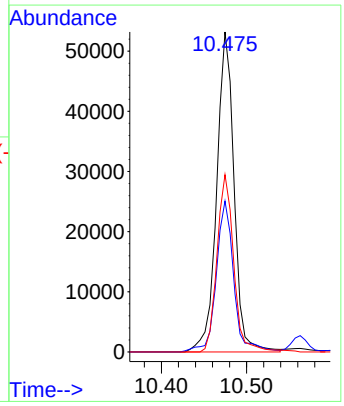


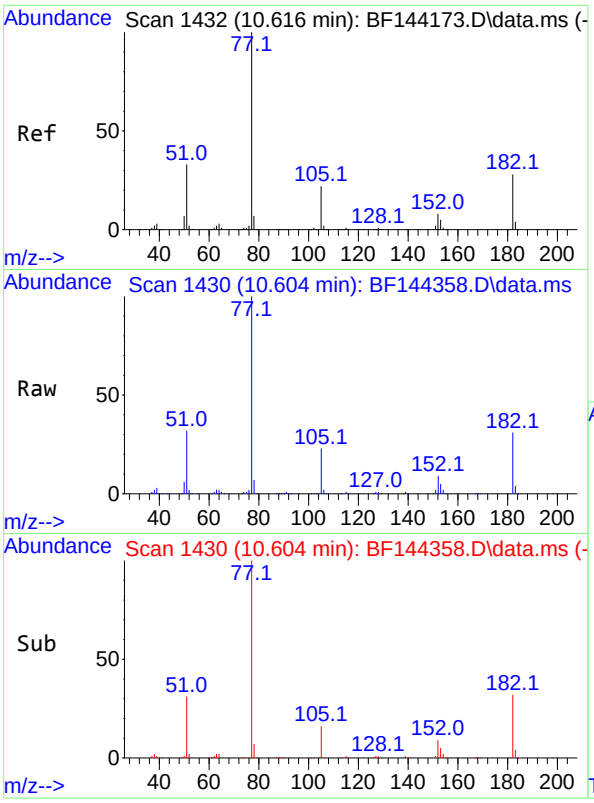




#62
4-Nitroaniline
Concen: 41.472 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:138 Resp: 75534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.2 | 29.4 | 69.4 |
| 108 | 55.4 | 46.4 | 86.4 |



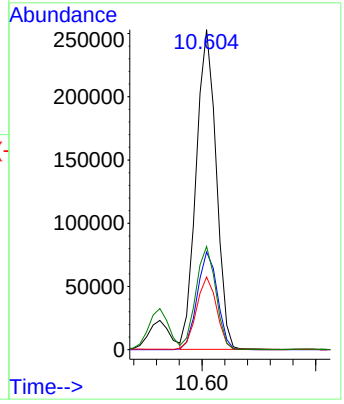


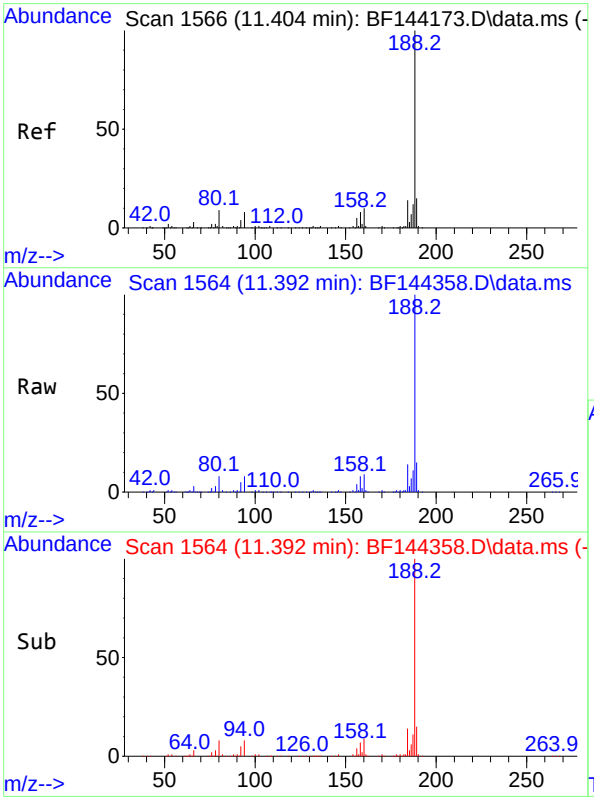

#63
Azobenzene
Concen: 41.806 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 309983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.6 | 8.1 | 48.1 |
| 105 | 22.7 | 2.0 | 42.0 |
| 51 | 32.3 | 13.9 | 53.9 |

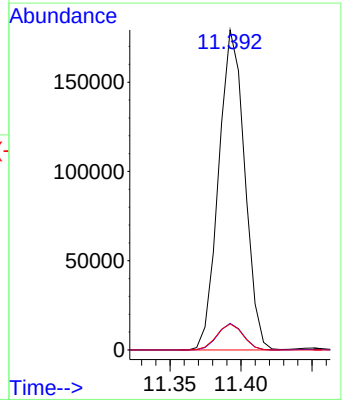


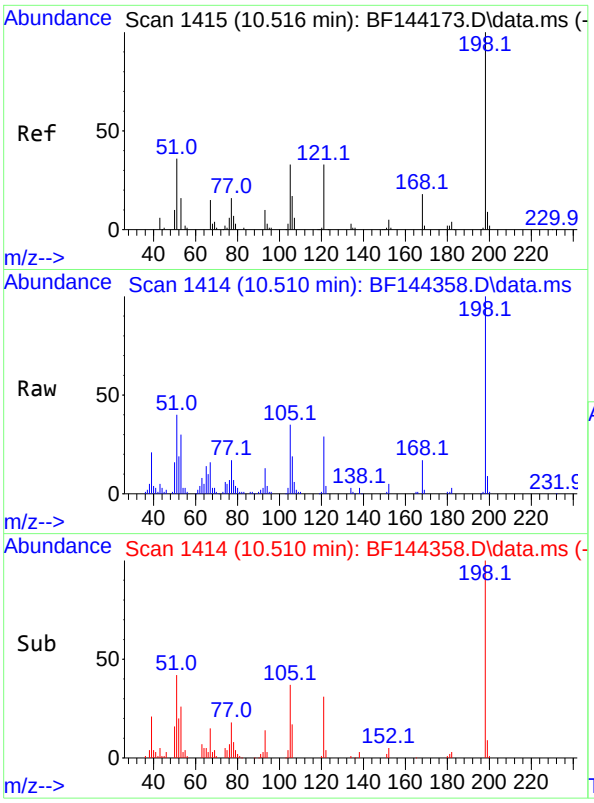




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:188 Resp: 228211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 6.2 | 9.2 |
| 80 | 8.2 | 6.9 | 10.3 |



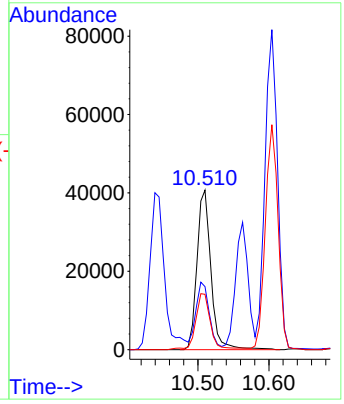


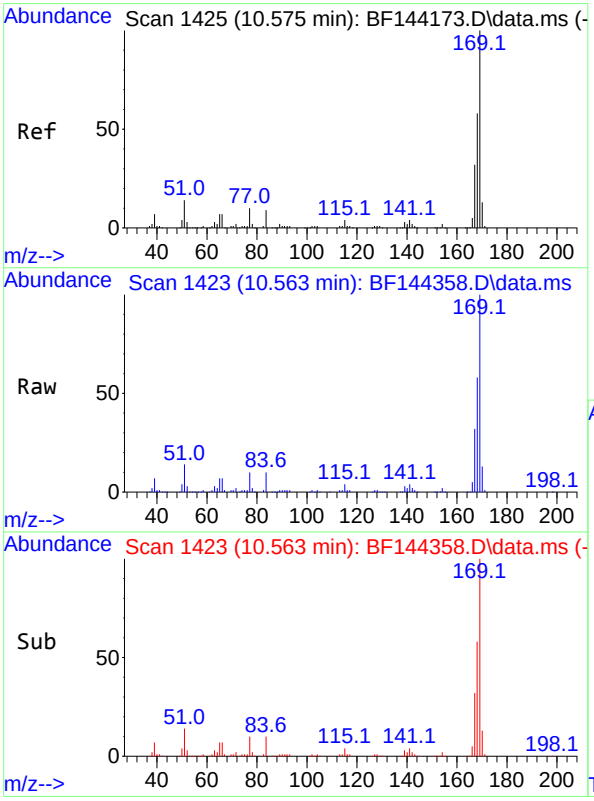

#65
4,6-Dinitro-2-methylphenol
Concen: 36.051 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 55891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 39.5 | 25.6 | 65.6 |
| 105 | 34.8 | 14.6 | 54.6 |

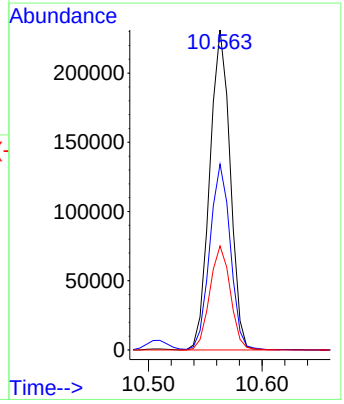


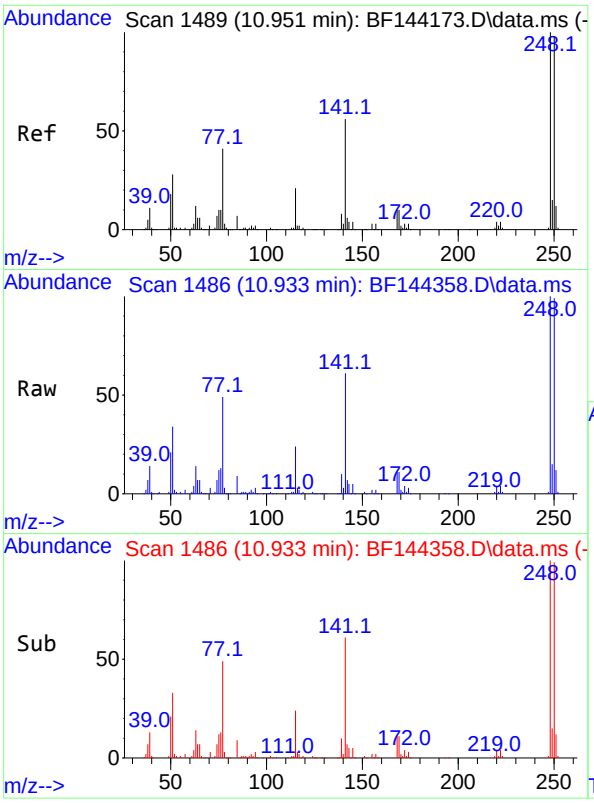




#66
n-Nitrosodiphenylamine
Concen: 39.417 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:169 Resp: 289317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 58.1 | 46.2 | 69.2 |
| 167 | 32.5 | 25.7 | 38.5 |



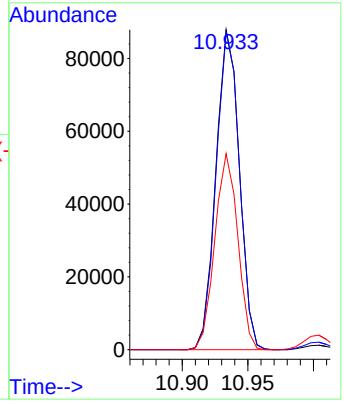


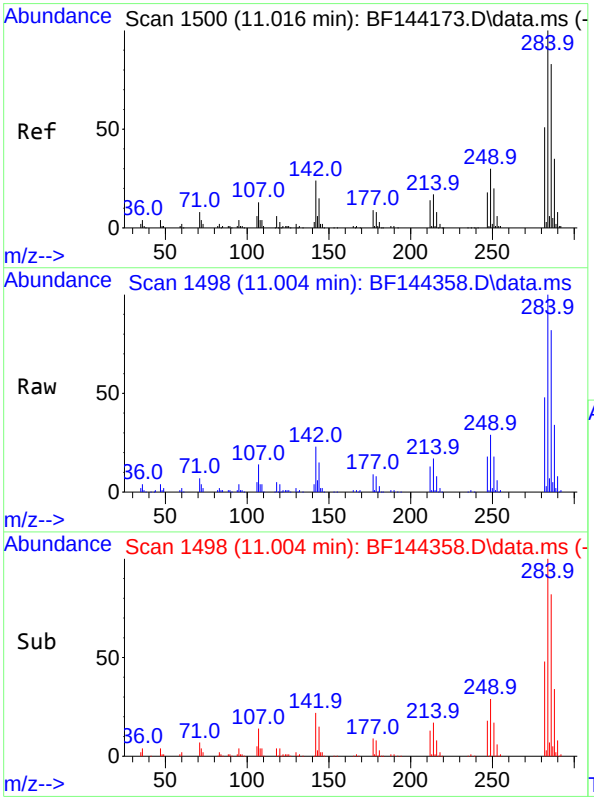

#67
4-Bromophenyl-phenylether
Concen: 37.471 ng
RT: 10.933 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 109150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.2 | 78.4 | 117.6 |
| 141 | 61.3 | 45.1 | 67.7 |

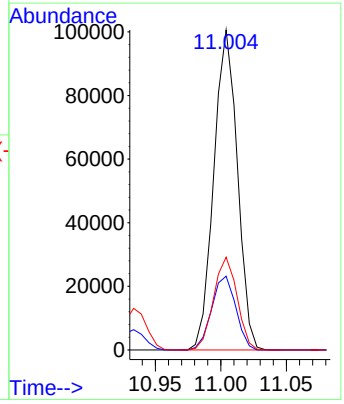


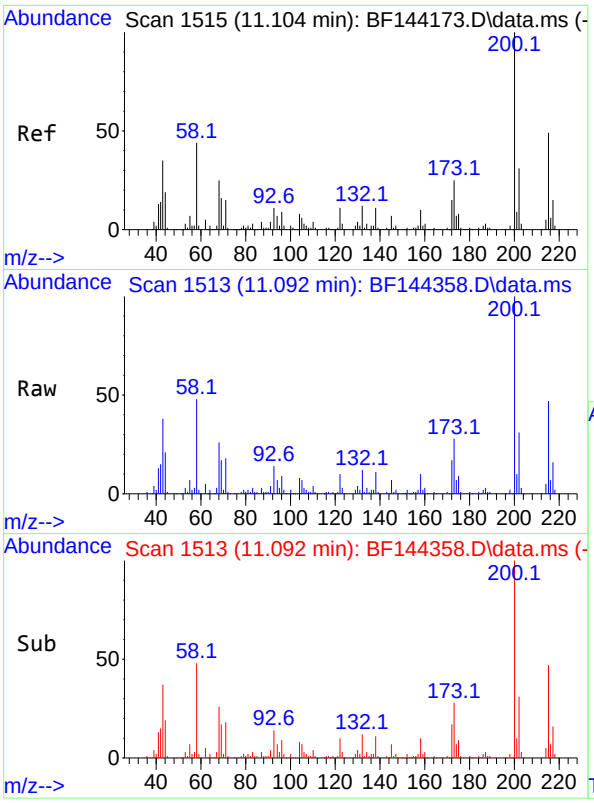




#68
Hexachlorobenzene
Concen: 36.562 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:284 Resp: 125445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.0 | 19.2 | 28.8 |
| 249 | 29.0 | 23.8 | 35.8 |



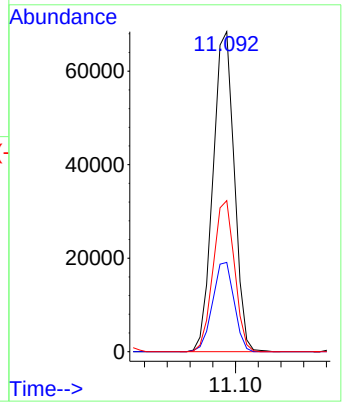


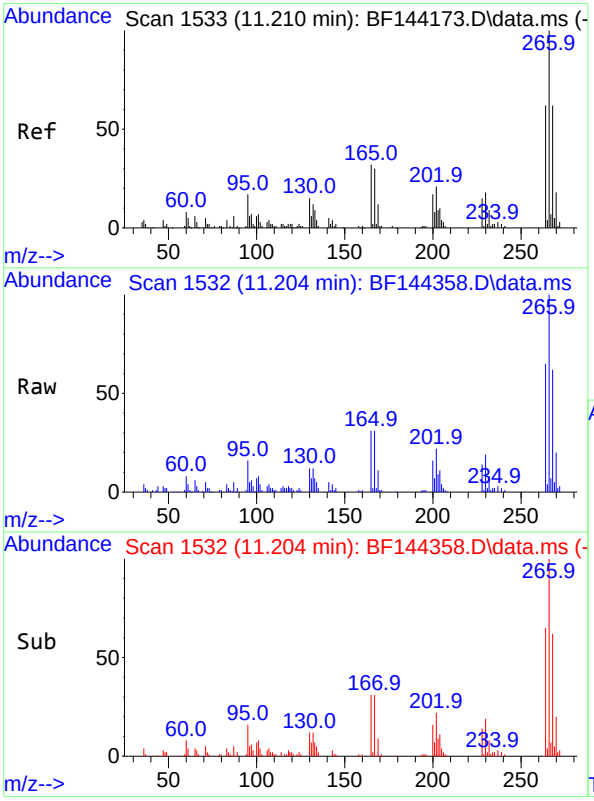

#69
Atrazine
Concen: 38.146 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 89043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.9 | 5.0 | 45.0 |
| 215 | 47.2 | 28.7 | 68.7 |

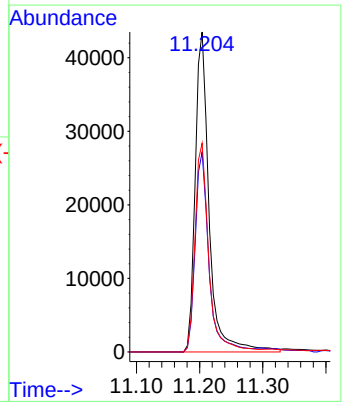


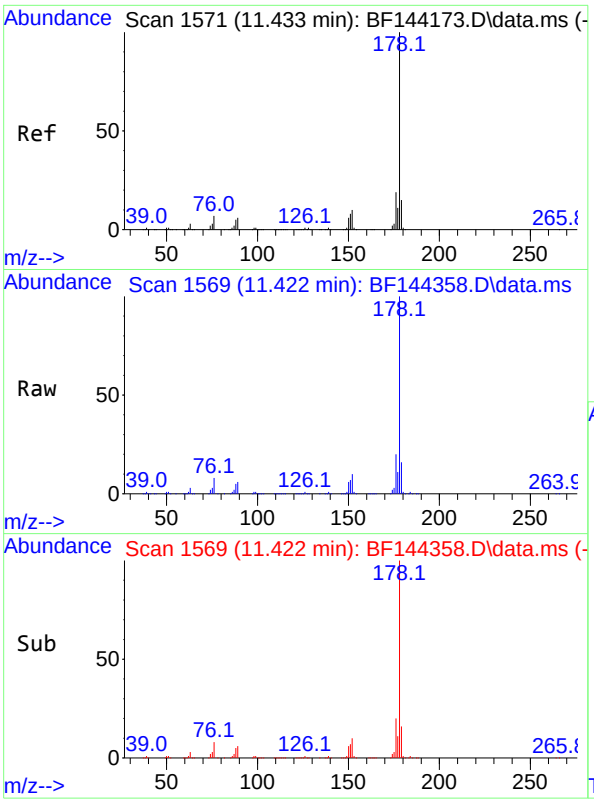




#70
Pentachlorophenol
Concen: 39.013 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:266 Resp: 66655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.4 | 49.5 | 74.3 |
| 264 | 65.3 | 49.4 | 74.2 |



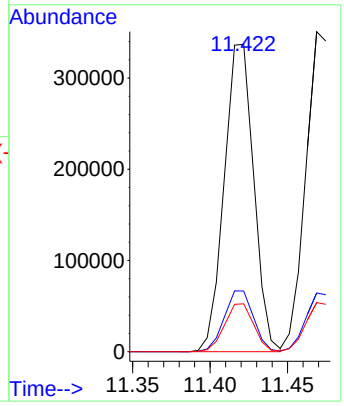


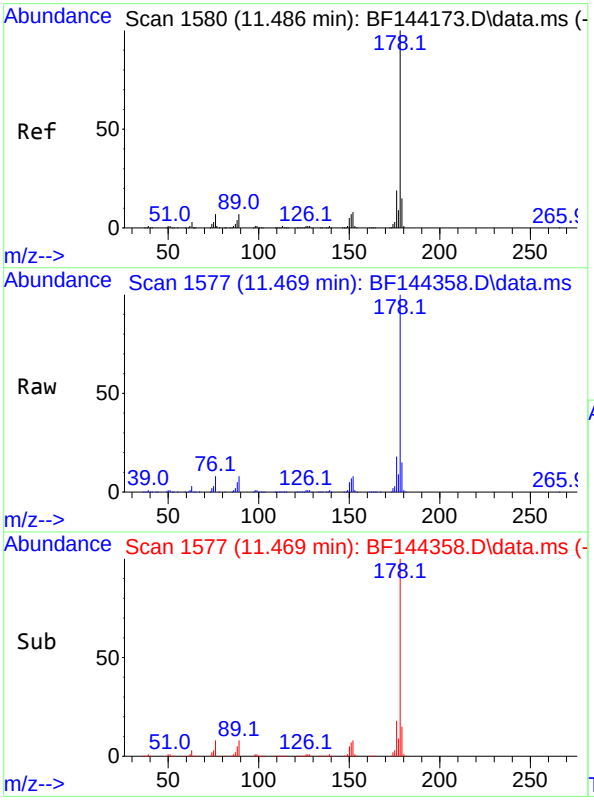

#71
Phenanthrene
Concen: 39.305 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 446599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.5 | 23.3 |
| 179 | 15.6 | 12.2 | 18.4 |

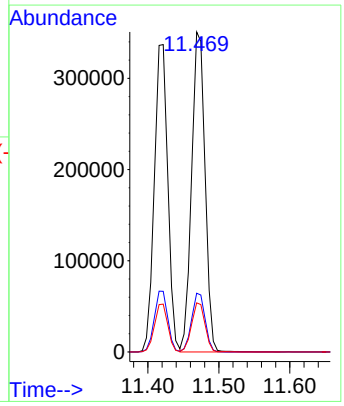


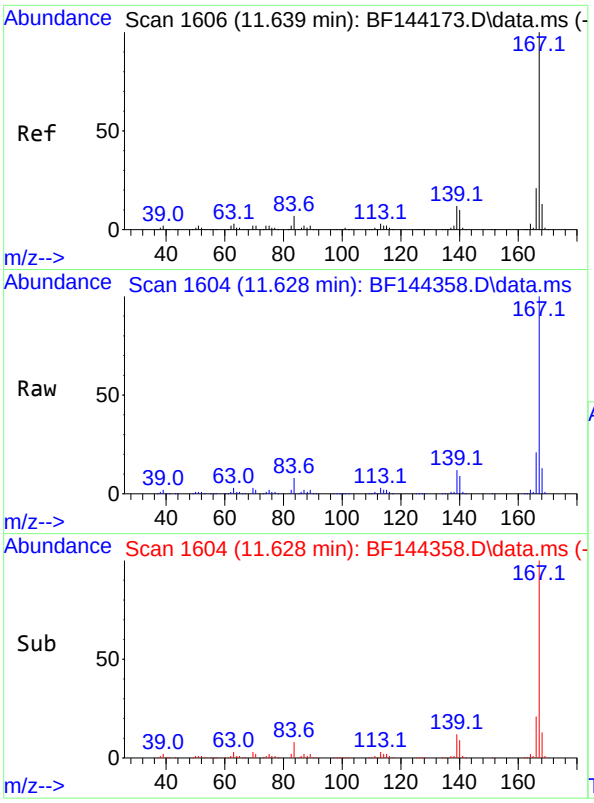




#72
Anthracene
Concen: 40.044 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:178 Resp: 462648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 15.3 | 22.9 |
| 179 | 15.4 | 12.0 | 18.0 |



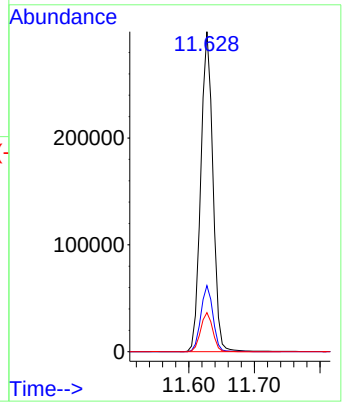


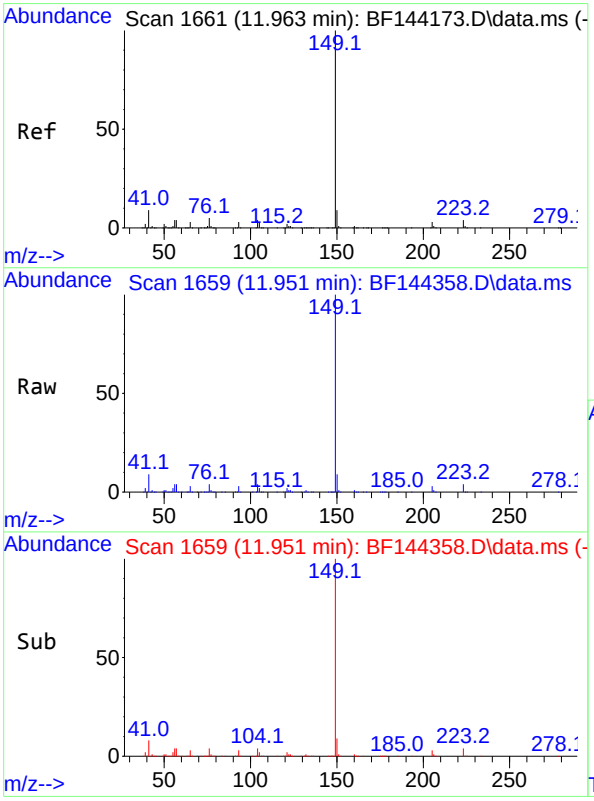

#73
Carbazole
Concen: 39.352 ng
RT: 11.628 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 386607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.6 | 17.2 | 25.8 |
| 139 | 12.2 | 9.9 | 14.9 |

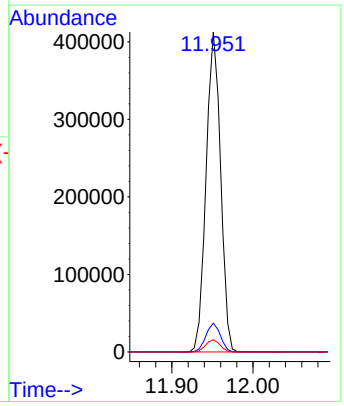


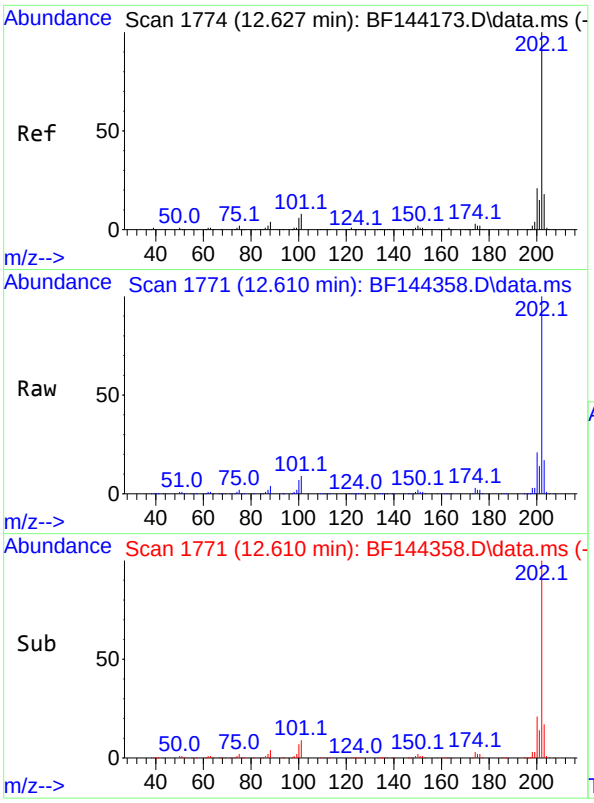




#74
Di-n-butylphthalate
Concen: 42.925 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:149 Resp: 509802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.0 |
| 104 | 3.9 | 3.4 | 5.2 |



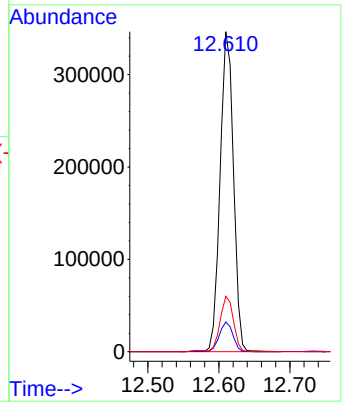


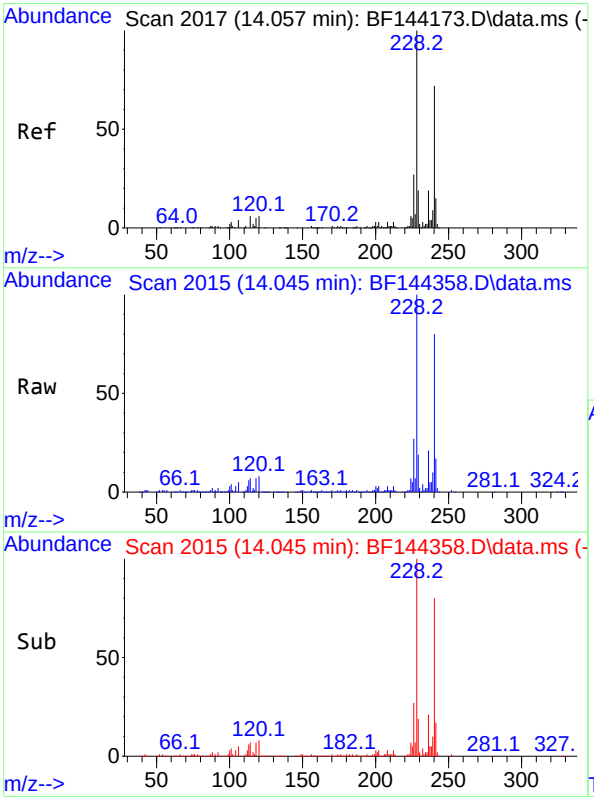

#75
Fluoranthene
Concen: 38.377 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 450444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.3 | 0.0 | 27.9 |
| 203 | 17.3 | 0.0 | 37.5 |

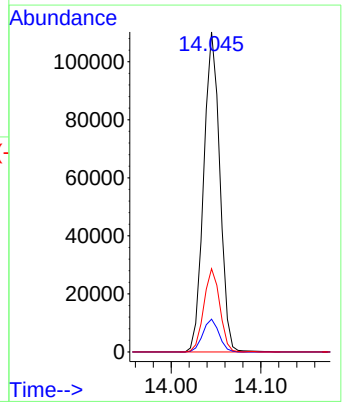


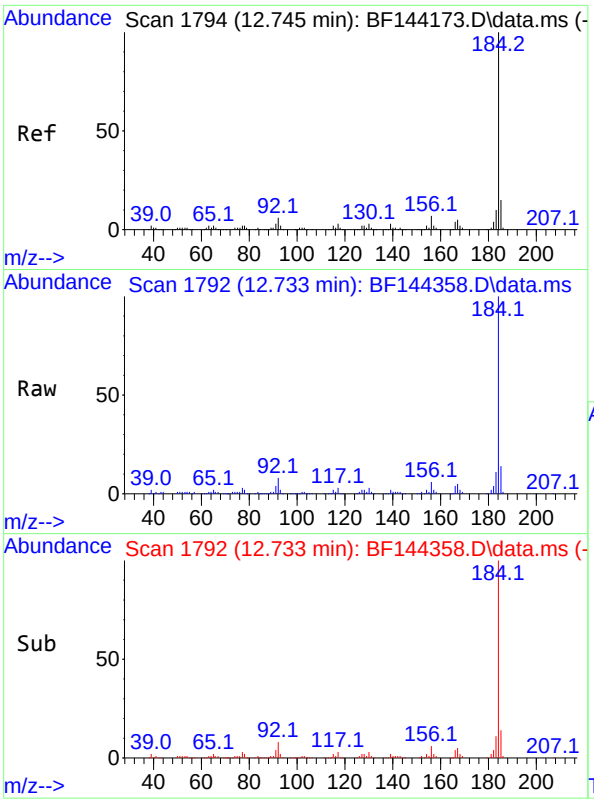




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:240 Resp: 137488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 6.6 | 10.0# |
| 236 | 26.0 | 21.4 | 32.2 |



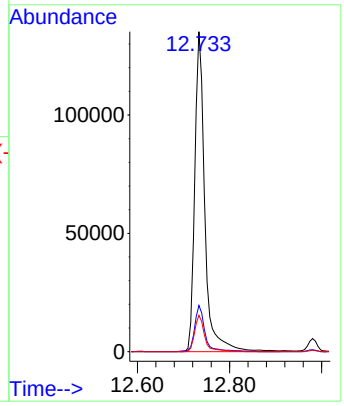


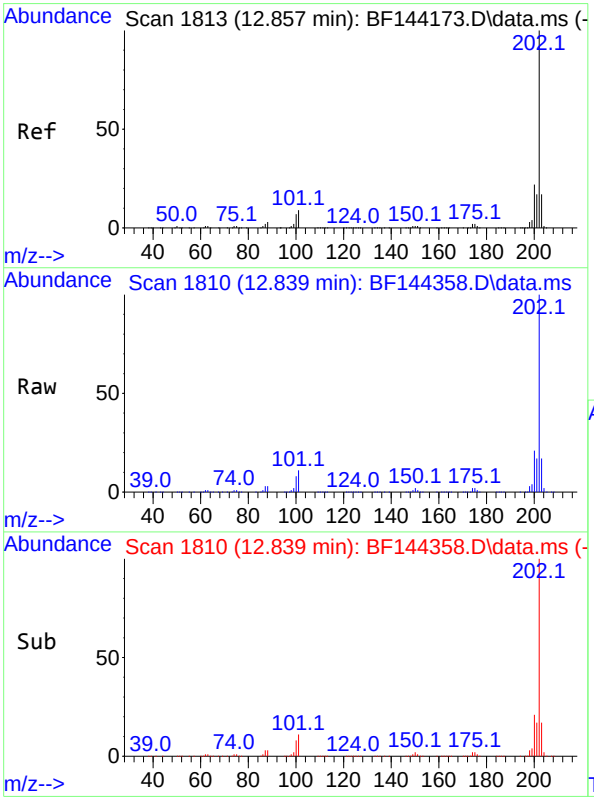

#77
Benzidine
Concen: 50.451 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 205175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.7 | 17.5 |
| 183 | 11.4 | 8.3 | 12.5 |

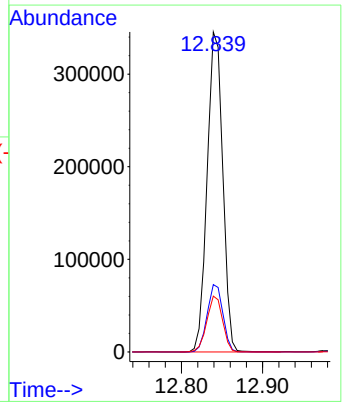


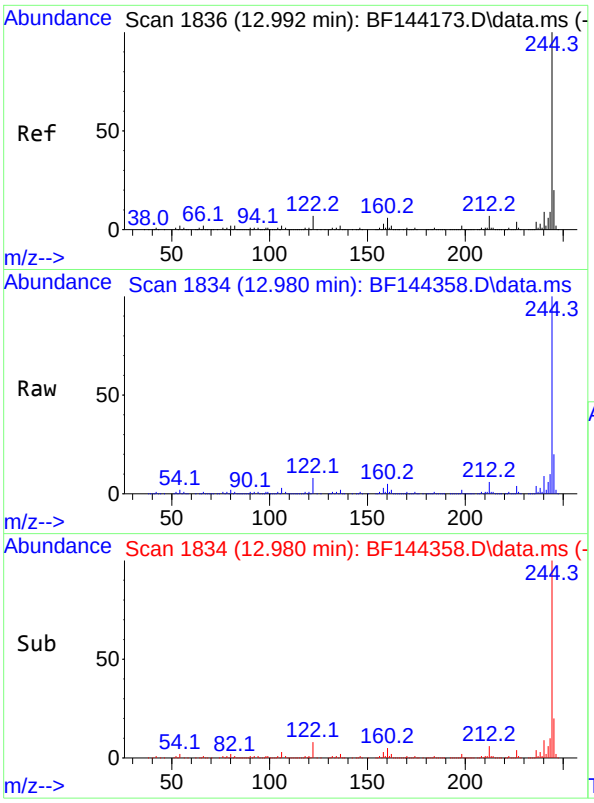




#78
Pyrene
Concen: 41.562 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:202 Resp: 460732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.2 | 25.8 |
| 203 | 17.4 | 13.7 | 20.5 |



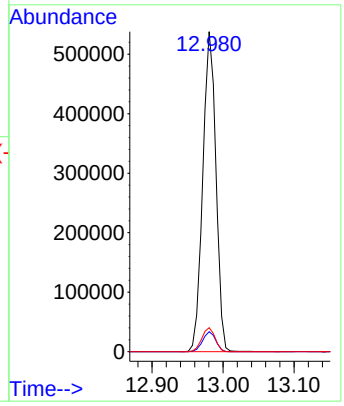


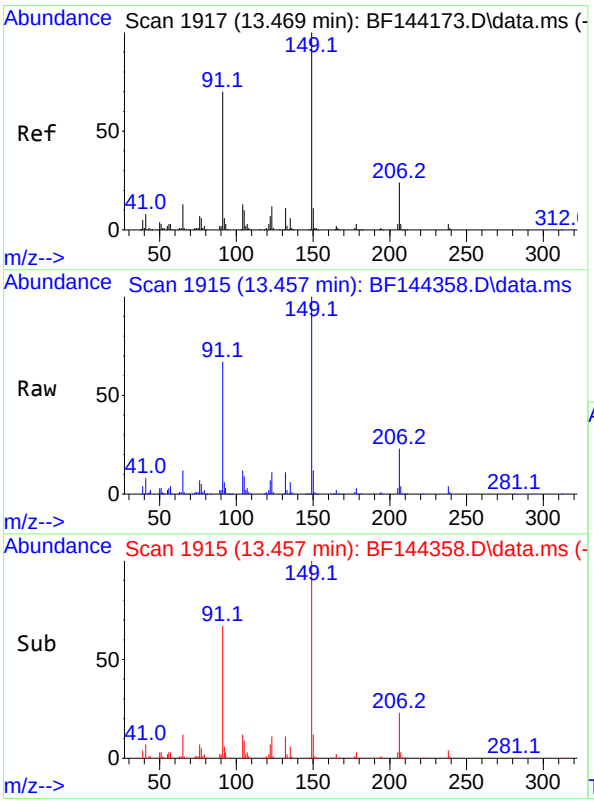

#79
Terphenyl-d14
Concen: 80.194 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 694139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.3 | 7.9 |
| 122 | 7.5 | 5.6 | 8.4 |

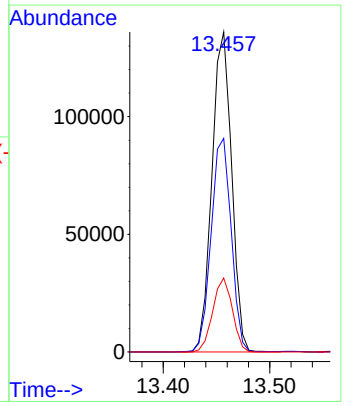


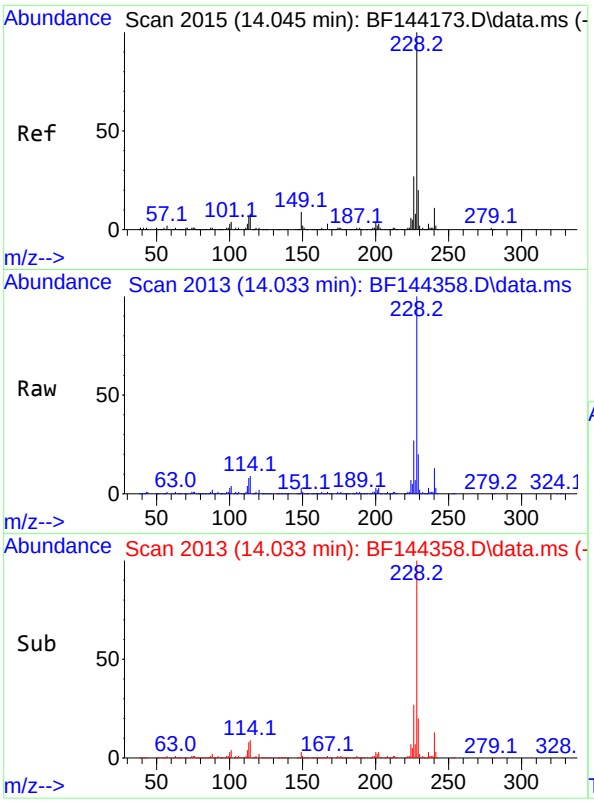




#80
Butylbenzylphthalate
Concen: 45.433 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:149 Resp: 174559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.8 | 56.1 | 84.1 |
| 206 | 23.1 | 18.8 | 28.2 |



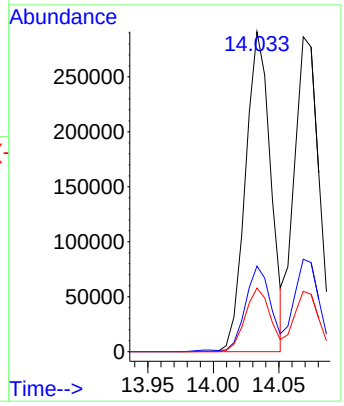


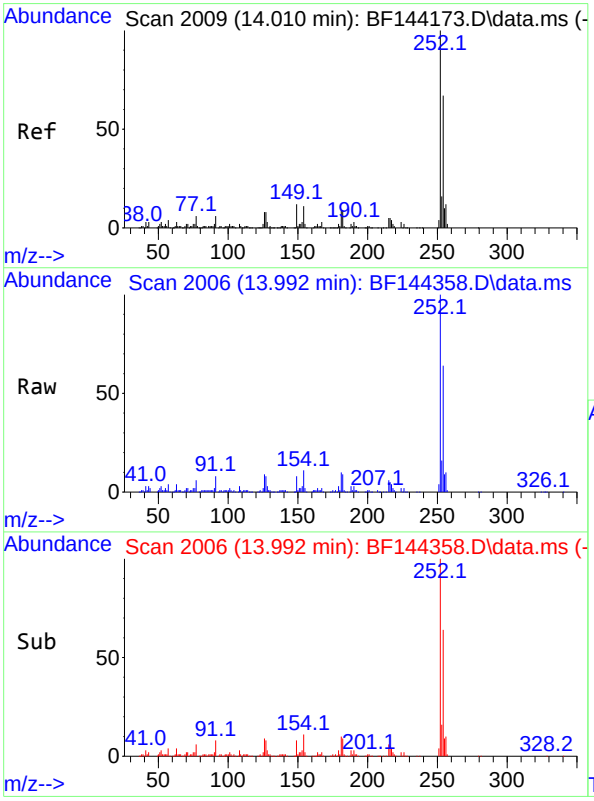

#81
Benzo(a)anthracene
Concen: 40.711 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 387931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.8 | 21.8 | 32.8 |
| 229 | 19.9 | 15.8 | 23.6 |

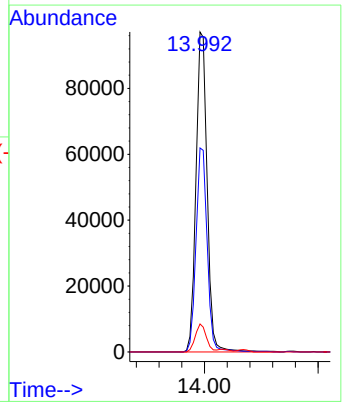


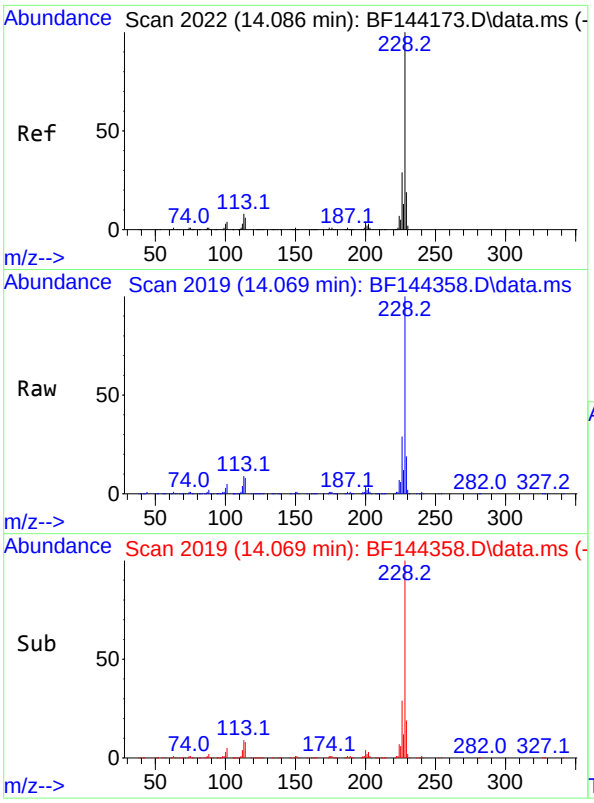




#82
3,3'-Dichlorobenzidine
Concen: 40.795 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:252 Resp: 133248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.8 | 53.5 | 80.3 |
| 126 | 8.7 | 6.4 | 9.6 |



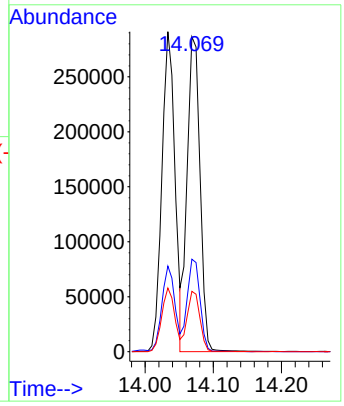


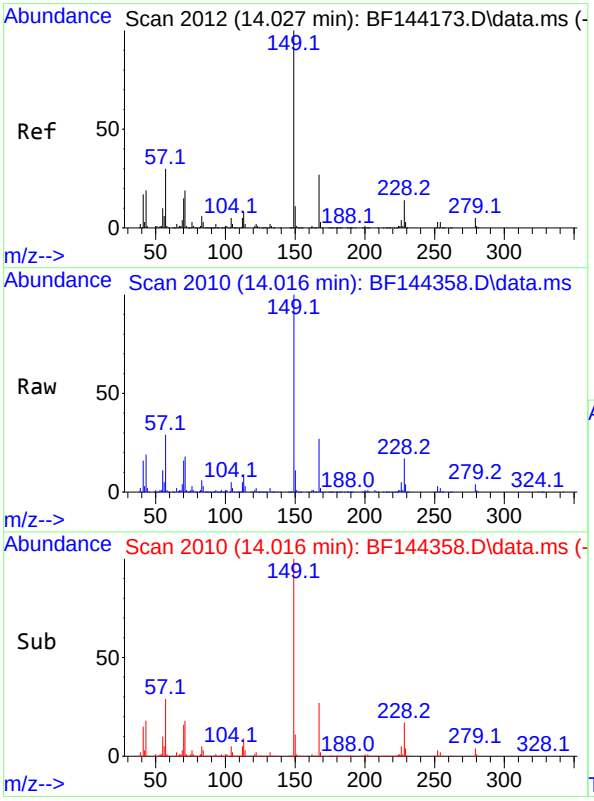

#83
Chrysene
Concen: 42.534 ng
RT: 14.069 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 374149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 22.9 | 34.3 |
| 229 | 19.2 | 15.0 | 22.6 |

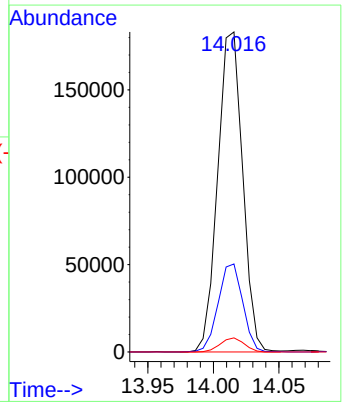


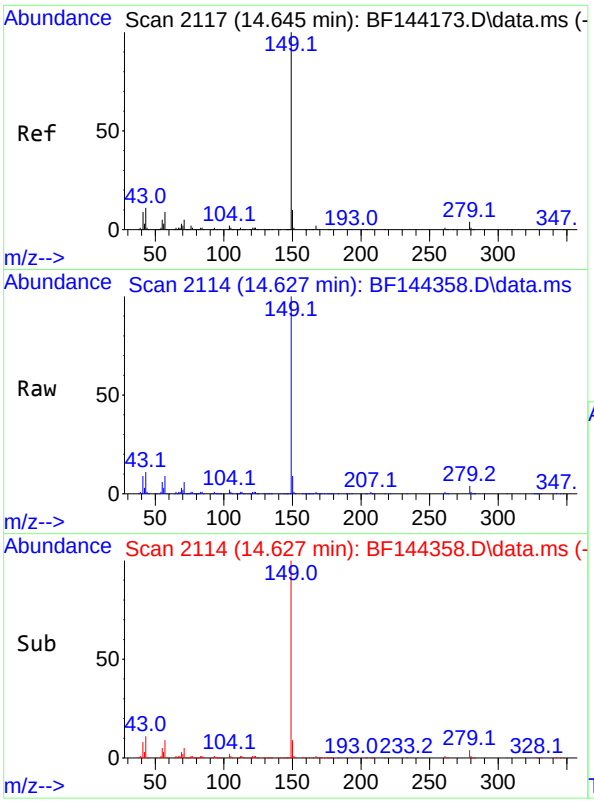




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.987 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:149 Resp: 241874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.5 | 21.8 | 32.8 |
| 279 | 4.4 | 3.7 | 5.5 |



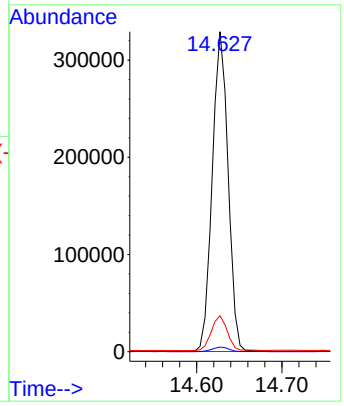


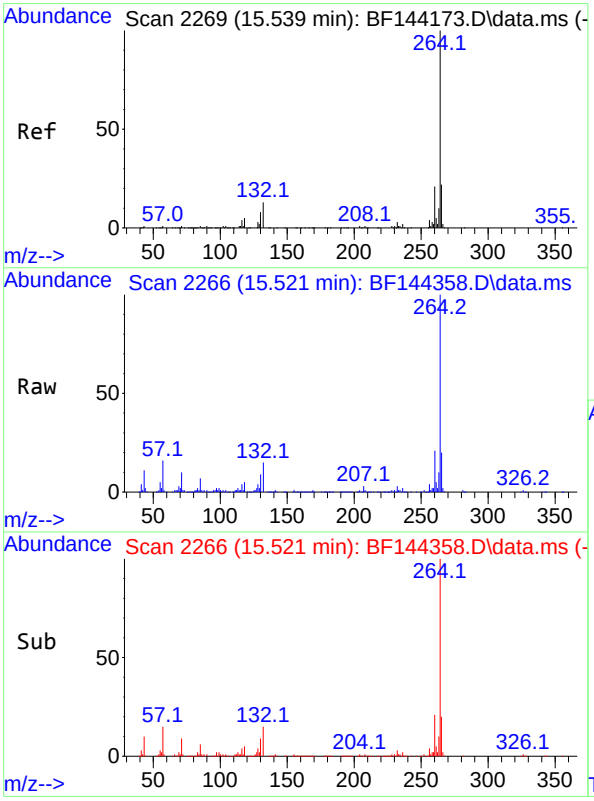

#85
Di-n-octyl phthalate
Concen: 46.657 ng
RT: 14.627 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 423391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 11.0 | 9.0 | 13.4 |

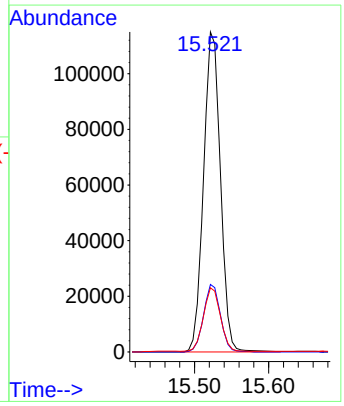


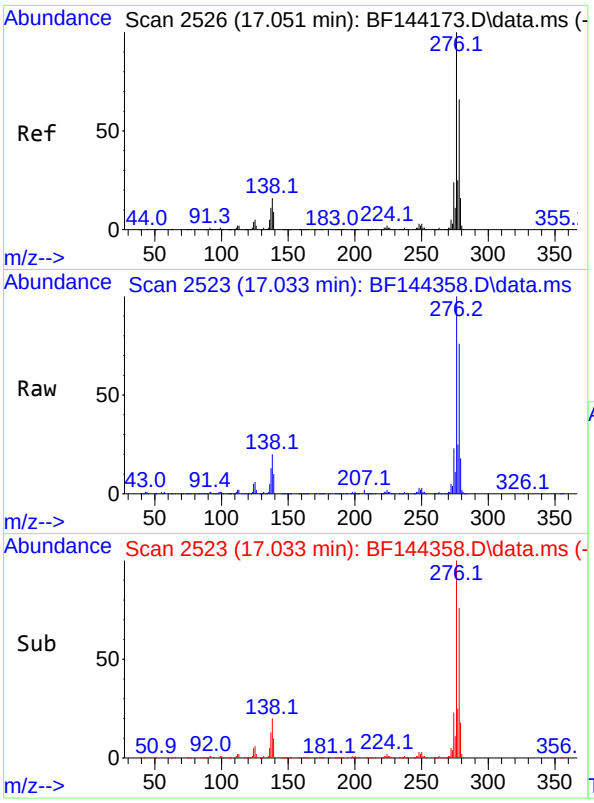




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:264 Resp: 181907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.1 | 17.1 | 25.7 |
| 265 | 20.0 | 17.4 | 26.0 |



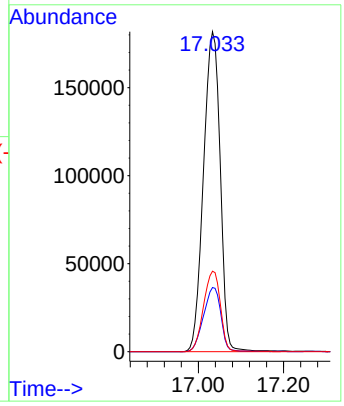


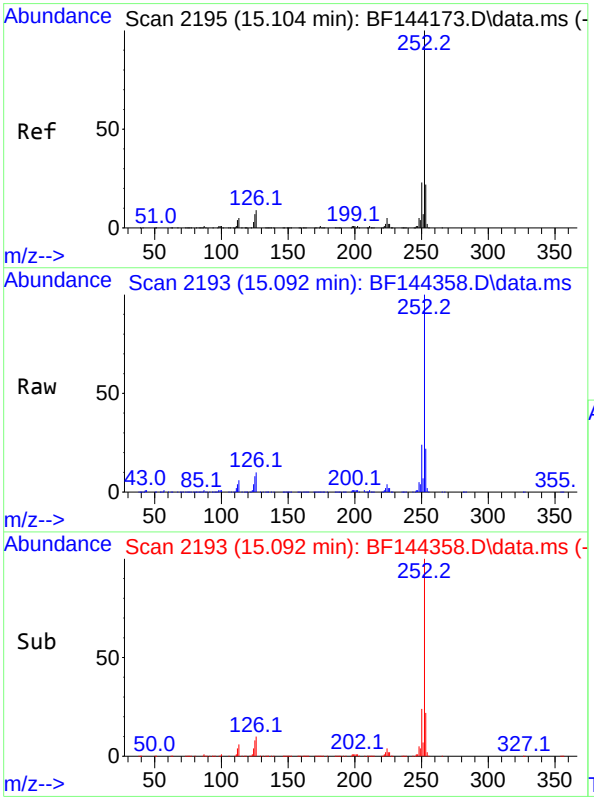

#87
Indeno(1,2,3-cd)pyrene
Concen: 37.933 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 495326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.9 | 13.9 | 20.9# |
| 277 | 25.3 | 19.8 | 29.6 |

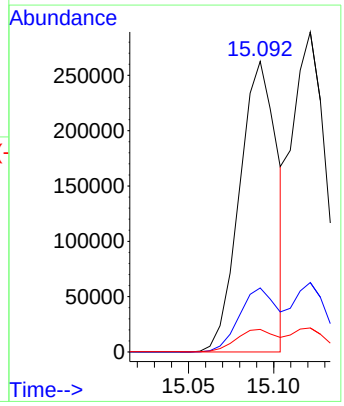


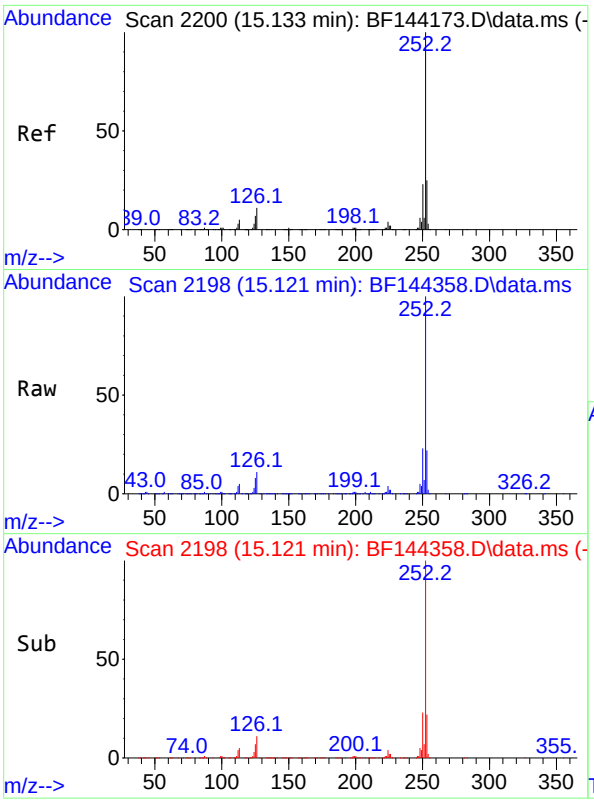




#88
Benzo(b)fluoranthene
Concen: 38.786 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:252 Resp: 401113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 7.7 | 5.3 | 7.9 |



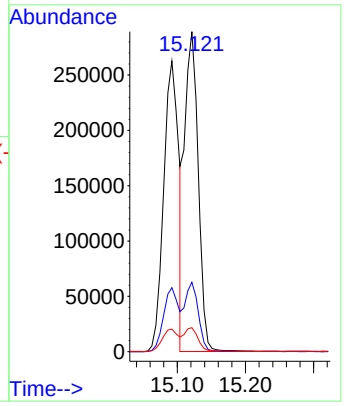


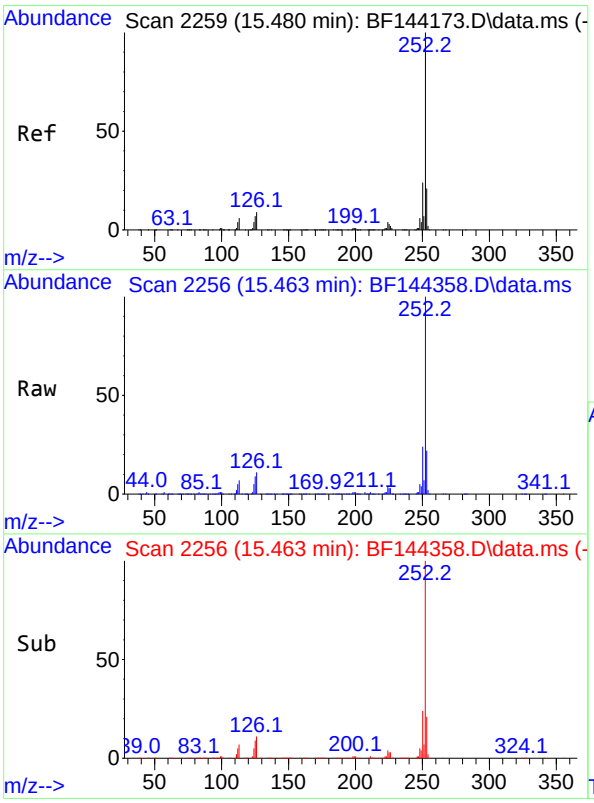

#89
Benzo(k)fluoranthene
Concen: 41.046 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 397316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 18.0 | 27.0 |
| 125 | 7.5 | 5.4 | 8.2 |

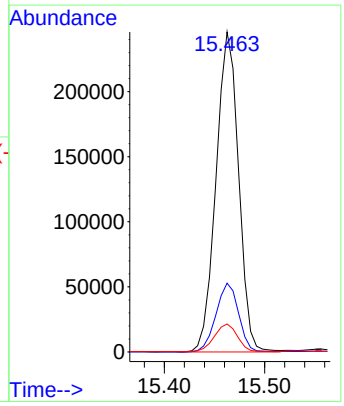


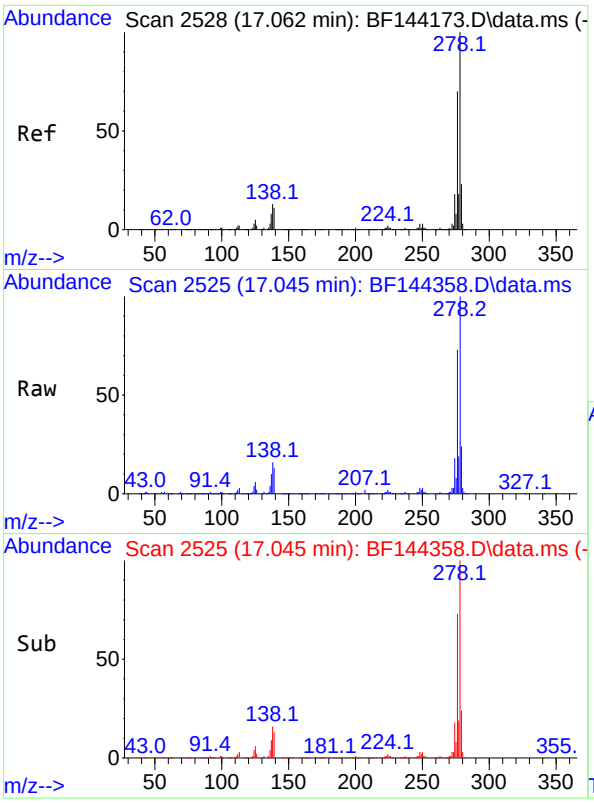




#90
Benzo(a)pyrene
Concen: 40.256 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:252 Resp: 384073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 16.7 | 25.1 |
| 125 | 8.7 | 5.7 | 8.5# |



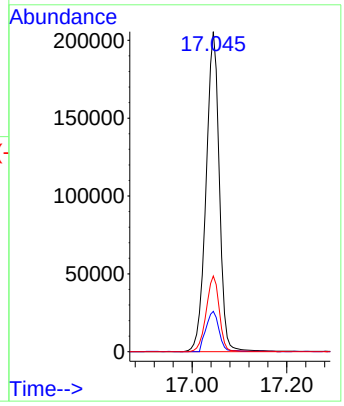


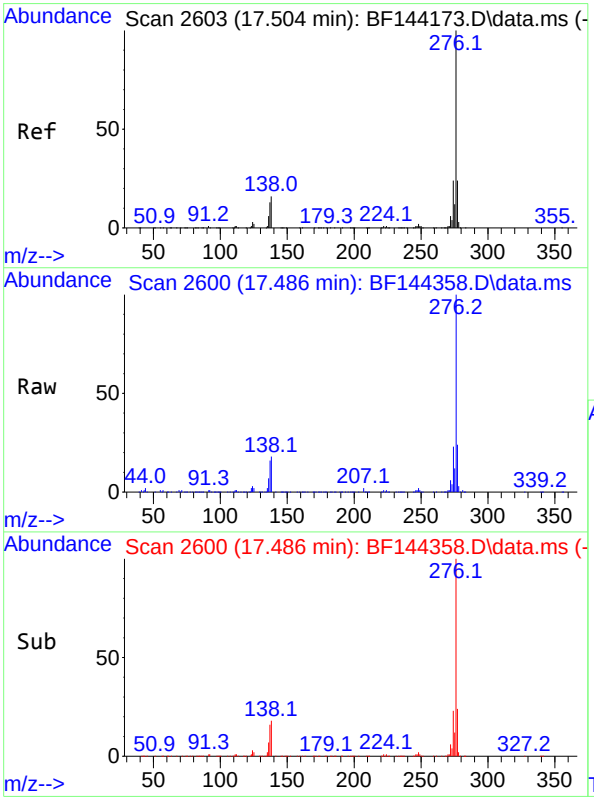

#91
Dibenzo(a,h)anthracene
Concen: 37.946 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 397938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.6 | 9.1 | 13.7 |
| 279 | 23.7 | 18.2 | 27.4 |

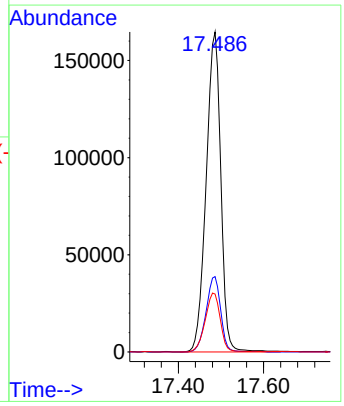



#92
Benzo(g,h,i)perylene
Concen: 37.927 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:276 Resp: 392773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.0 | 28.4 |
| 138 | 18.1 | 12.9 | 19.3 |



Sample Results: **BF144358.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 89 | -0.01 |
| 2 | | 1,4-Dioxane | 0.528 | 0.543 | -2.8 | 87 | -0.04 |
| 3 | | Pyridine | 1.474 | 1.525 | -3.5 | 89 | -0.05 |
| 4 | | n-Nitrosodimethylamine | 0.770 | 0.675 | 12.3 | 77 | -0.05 |
| 5 | S | 2-Fluorophenol | 1.278 | 1.275 | 0.2 | 86 | -0.01 |
| 6 | | Aniline | 2.063 | 2.016 | 2.3 | 87 | 0.00 |
| 7 | S | Phenol-d6 | 1.448 | 1.387 | 4.2 | 84 | 0.00 |
| 8 | | 2-Chlorophenol | 1.253 | 1.227 | 2.1 | 85 | 0.00 |
| 9 | | Benzaldehyde | 0.818 | 0.878 | -7.3 | 95 | -0.01 |
| 10 | C | Phenol | 1.769 | 1.736 | 1.9 | 83 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.289 | 1.314 | -1.9 | 89 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.547 | 1.482 | 4.2 | 85 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.549 | 1.490 | 3.8 | 83 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 1.485 | 1.437 | 3.2 | 86 | -0.01 |
| 15 | | Benzyl Alcohol | 1.147 | 1.115 | 2.8 | 85 | -0.02 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.374 | 2.427 | -2.2 | 89 | 0.00 |
| 17 | | 2-Methylphenol | 0.997 | 0.994 | 0.3 | 85 | 0.00 |
| 18 | | Hexachloroethane | 0.515 | 0.493 | 4.3 | 82 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.953 | 0.878 | 7.9 | 82 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.175 | 1.113 | 5.3 | 81 | -0.01 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 87 | -0.01 |
| 22 | | Acetophenone | 0.429 | 0.417 | 2.8 | 83 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.346 | 0.346 | 0.0 | 84 | 0.00 |
| 24 | | Nitrobenzene | 0.376 | 0.374 | 0.5 | 84 | 0.00 |
| 25 | | Isophorone | 0.655 | 0.663 | -1.2 | 86 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.186 | 0.198 | -6.5 | 87 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 0.279 | 0.283 | -1.4 | 82 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.409 | 0.426 | -4.2 | 87 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.322 | 0.322 | 0.0 | 84 | -0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 0.330 | 0.317 | 3.9 | 82 | -0.01 |
| 31 | | Naphthalene | 0.951 | 0.951 | 0.0 | 85 | 0.00 |
| 32 | | Benzoic acid | 0.204 | 0.190 | 6.9 | 92 | -0.04 |
| 33 | | 4-Chloroaniline | 0.347 | 0.359 | -3.5 | 86 | -0.01 |
| 34 | C | Hexachlorobutadiene | 0.249 | 0.230 | 7.6 | 77 | -0.01 |
| 35 | | Caprolactam | 0.088 | 0.094 | -6.8 | 89 | -0.03 |
| 36 | C | 4-Chloro-3-methylphenol | 0.288 | 0.295 | -2.4 | 86 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.636 | 0.643 | -1.1 | 86 | -0.01 |
| 38 | | 1-Methylnaphthalene | 0.614 | 0.612 | 0.3 | 86 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 88 | -0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.616 | 6.0 | 80 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.195 | 0.174 | 10.8 | 76 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 0.251 | 0.239 | 4.8 | 79 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.446 | 0.435 | 2.5 | 84 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 0.481 | 0.457 | 5.0 | 82 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.354 | 1.265 | 6.6 | 82 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.396 | 1.350 | 3.3 | 84 | -0.01 |
| 47 | | 2-Chloronaphthalene | 1.191 | 1.157 | 2.9 | 84 | 0.00 |

Sample Results: **BF144358.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 0.344 | 0.347 | -0.9 | 84 | -0.01 |
| 49 | | Acenaphthylene | 1.623 | 1.633 | -0.6 | 87 | -0.01 |
| 50 | | Dimethylphthalate | 1.325 | 1.353 | -2.1 | 88 | -0.01 |
| 51 | | 2,6-Dinitrotoluene | 0.268 | 0.277 | -3.4 | 88 | 0.00 |
| 52 | C | Acenaphthene | 1.085 | 1.003 | 7.6 | 80 | -0.01 |
| 53 | | 3-Nitroaniline | 0.293 | 0.310 | -5.8 | 86 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.162 | 0.185 | -14.2 | 116 | -0.01 |
| 55 | | Dibenzofuran | 1.520 | 1.493 | 1.8 | 84 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.212 | 0.202 | 4.7 | 87 | -0.01 |
| 57 | | 2,4-Dinitrotoluene | 0.359 | 0.375 | -4.5 | 86 | 0.00 |
| 58 | | Fluorene | 1.156 | 1.157 | -0.1 | 86 | -0.01 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.340 | 0.336 | 1.2 | 82 | 0.00 |
| 60 | | Diethylphthalate | 1.221 | 1.264 | -3.5 | 88 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.658 | 0.634 | 3.6 | 81 | -0.01 |
| 62 | | 4-Nitroaniline | 0.279 | 0.289 | -3.6 | 88 | 0.00 |
| 63 | | Azobenzene | 1.137 | 1.188 | -4.5 | 89 | -0.01 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 89 | -0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.136 | 0.122 | 10.3 | 83 | -0.01 |
| 66 | c | n-Nitrosodiphenylamine | 0.643 | 0.634 | 1.4 | 87 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.255 | 0.239 | 6.3 | 81 | -0.01 |
| 68 | | Hexachlorobenzene | 0.301 | 0.275 | 8.6 | 81 | 0.00 |
| 69 | | Atrazine | 0.205 | 0.195 | 4.9 | 84 | 0.00 |
| 70 | C | Pentachlorophenol | 0.150 | 0.146 | 2.7 | 83 | -0.01 |
| 71 | | Phenanthrene | 0.996 | 0.978 | 1.8 | 86 | 0.00 |
| 72 | | Anthracene | 1.013 | 1.014 | -0.1 | 88 | -0.01 |
| 73 | | Carbazole | 0.861 | 0.847 | 1.6 | 86 | -0.01 |
| 74 | | Di-n-butylphthalate | 1.041 | 1.117 | -7.3 | 93 | -0.01 |
| 75 | C | Fluoranthene | 1.029 | 0.987 | 4.1 | 83 | -0.01 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 77 | | Benzidine | 0.592 | 0.746 | -26.0# | 101 | -0.02 |
| 78 | | Pyrene | 1.613 | 1.676 | -3.9 | 83 | -0.01 |
| 79 | S | Terphenyl-d14 | 1.259 | 1.262 | -0.2 | 81 | -0.01 |
| 80 | | Butylbenzylphthalate | 0.559 | 0.635 | -13.6 | 91 | -0.01 |
| 81 | | Benzo(a)anthracene | 1.386 | 1.411 | -1.8 | 83 | -0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 0.475 | 0.485 | -2.1 | 85 | -0.02 |
| 83 | | Chrysene | 1.280 | 1.361 | -6.3 | 82 | -0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.765 | 0.880 | -15.0 | 91 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 1.320 | 1.540 | -16.7 | 92 | -0.02 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 87 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.436 | 1.361 | 5.2 | 80 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.137 | 1.103 | 3.0 | 78 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.064 | 1.092 | -2.6 | 91 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.049 | 1.056 | -0.7 | 85 | -0.01 |
| 91 | | Dibenzo(a,h)anthracene | 1.153 | 1.094 | 5.1 | 79 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.139 | 1.080 | 5.2 | 79 | 0.00 |

Sample Results: **BF144358.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF144358.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 89 | -0.01 |
| 2 | | 1,4-Dioxane | 40.000 | 41.120 | -2.8 | 87 | -0.04 |
| 3 | | Pyridine | 40.000 | 41.386 | -3.5 | 89 | -0.05 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 35.058 | 12.4 | 77 | -0.05 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.782 | 0.3 | 86 | -0.01 |
| 6 | | Aniline | 40.000 | 39.090 | 2.3 | 87 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 76.640 | 4.2 | 84 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.159 | 2.1 | 85 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 42.954 | -7.4 | 95 | -0.01 |
| 10 | C | Phenol | 40.000 | 39.252 | 1.9 | 83 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.775 | -1.9 | 89 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 38.325 | 4.2 | 85 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 38.466 | 3.8 | 83 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.706 | 3.2 | 86 | -0.01 |
| 15 | | Benzyl Alcohol | 40.000 | 38.897 | 2.8 | 85 | -0.02 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.884 | -2.2 | 89 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.870 | 0.3 | 85 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 38.311 | 4.2 | 82 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.859 | 7.9 | 82 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 37.893 | 5.3 | 81 | -0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 87 | -0.01 |
| 22 | | Acetophenone | 40.000 | 38.834 | 2.9 | 83 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 79.993 | 0.0 | 84 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.801 | 0.5 | 84 | 0.00 |
| 25 | | Isophorone | 40.000 | 40.493 | -1.2 | 86 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.519 | -6.3 | 87 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.608 | -1.5 | 82 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 41.620 | -4.0 | 87 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.066 | -0.2 | 84 | -0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.451 | 3.9 | 82 | -0.01 |
| 31 | | Naphthalene | 40.000 | 39.984 | 0.0 | 85 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 37.128 | 7.2 | 92 | -0.04 |
| 33 | | 4-Chloroaniline | 40.000 | 41.382 | -3.5 | 86 | -0.01 |
| 34 | C | Hexachlorobutadiene | 40.000 | 36.970 | 7.6 | 77 | -0.01 |
| 35 | | Caprolactam | 40.000 | 42.776 | -6.9 | 89 | -0.03 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.980 | -2.4 | 86 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.421 | -1.1 | 86 | -0.01 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.879 | 0.3 | 86 | -0.01 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 88 | -0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.591 | 6.0 | 80 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 36.012 | 10.0 | 76 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 76.285 | 4.6 | 79 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.029 | 2.4 | 84 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 37.992 | 5.0 | 82 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 74.726 | 6.6 | 82 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 38.688 | 3.3 | 84 | -0.01 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.877 | 2.8 | 84 | 0.00 |

Sample Results: **BF144358.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 40.432 | -1.1 | 84 | -0.01 |
| 49 | | Acenaphthylene | 40.000 | 40.257 | -0.6 | 87 | -0.01 |
| 50 | | Dimethylphthalate | 40.000 | 40.845 | -2.1 | 88 | -0.01 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.353 | -3.4 | 88 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 36.962 | 7.6 | 80 | -0.01 |
| 53 | | 3-Nitroaniline | 40.000 | 42.236 | -5.6 | 86 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 45.717 | -14.3 | 116 | -0.01 |
| 55 | | Dibenzofuran | 40.000 | 39.280 | 1.8 | 84 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 38.064 | 4.8 | 87 | -0.01 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.820 | -4.6 | 86 | 0.00 |
| 58 | | Fluorene | 40.000 | 40.038 | -0.1 | 86 | -0.01 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.503 | 1.2 | 82 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 41.408 | -3.5 | 88 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.545 | 3.6 | 81 | -0.01 |
| 62 | | 4-Nitroaniline | 40.000 | 41.472 | -3.7 | 88 | 0.00 |
| 63 | | Azobenzene | 40.000 | 41.806 | -4.5 | 89 | -0.01 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 89 | -0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 36.051 | 9.9 | 83 | -0.01 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.417 | 1.5 | 87 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 37.471 | 6.3 | 81 | -0.01 |
| 68 | | Hexachlorobenzene | 40.000 | 36.562 | 8.6 | 81 | 0.00 |
| 69 | | Atrazine | 40.000 | 38.146 | 4.6 | 84 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 39.013 | 2.5 | 83 | -0.01 |
| 71 | | Phenanthrene | 40.000 | 39.305 | 1.7 | 86 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.044 | -0.1 | 88 | -0.01 |
| 73 | | Carbazole | 40.000 | 39.352 | 1.6 | 86 | -0.01 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.925 | -7.3 | 93 | -0.01 |
| 75 | C | Fluoranthene | 40.000 | 38.377 | 4.1 | 83 | -0.01 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 85 | 0.00 |
| 77 | | Benzidine | 40.000 | 50.451 | -26.1# | 101 | -0.02 |
| 78 | | Pyrene | 40.000 | 41.562 | -3.9 | 83 | -0.01 |
| 79 | S | Terphenyl-d14 | 80.000 | 80.194 | -0.2 | 81 | -0.01 |
| 80 | | Butylbenzylphthalate | 40.000 | 45.433 | -13.6 | 91 | -0.01 |
| 81 | | Benzo(a)anthracene | 40.000 | 40.711 | -1.8 | 83 | -0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 40.795 | -2.0 | 85 | -0.02 |
| 83 | | Chrysene | 40.000 | 42.534 | -6.3 | 82 | -0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 45.987 | -15.0 | 91 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 46.657 | -16.6 | 92 | -0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 87 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 37.933 | 5.2 | 80 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 38.786 | 3.0 | 78 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 41.046 | -2.6 | 91 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.256 | -0.6 | 85 | -0.01 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 37.946 | 5.1 | 79 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 37.927 | 5.2 | 79 | 0.00 |

Sample Results: **BF144358.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF144382.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date/Time: 12/01/2025 12:41

Lab File ID: BF144382.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.278 | 1.337 | | 4.6 | |
| Benzaldehyde | 0.818 | 0.992 | | 21.3 | |
| Phenol-d6 | 1.448 | 1.478 | | 2.1 | |
| Phenol | 1.769 | 1.809 | | 2.3 | 20.0 |
| bis(2-Chloroethyl)ether | 1.289 | 1.354 | | 5.0 | |
| 2-Chlorophenol | 1.253 | 1.315 | | 4.9 | |
| 2-Methylphenol | 0.997 | 1.010 | | 1.3 | |
| 2,2-oxybis(1-Chloropropane) | 2.374 | 2.447 | | 3.1 | |
| Acetophenone | 0.429 | 0.416 | | -3.0 | |
| 3+4-Methylphenols | 1.175 | 1.167 | | -0.7 | |
| n-Nitroso-di-n-propylamine | 0.953 | 0.893 | 0.050 | -6.3 | |
| Nitrobenzene-d5 | 0.346 | 0.348 | | 0.6 | |
| Hexachloroethane | 0.515 | 0.514 | | -0.2 | |
| Nitrobenzene | 0.376 | 0.380 | | 1.1 | |
| Isophorone | 0.655 | 0.652 | | -0.5 | |
| 2-Nitrophenol | 0.186 | 0.197 | | 5.9 | 20.0 |
| 2,4-Dimethylphenol | 0.279 | 0.287 | | 2.9 | |
| bis(2-Chloroethoxy)methane | 0.409 | 0.424 | | 3.7 | |
| 2,4-Dichlorophenol | 0.322 | 0.323 | | 0.3 | 20.0 |
| Naphthalene | 0.951 | 0.962 | | 1.2 | |
| 4-Chloroaniline | 0.347 | 0.353 | | 1.7 | |
| Hexachlorobutadiene | 0.249 | 0.229 | | -8.0 | 20.0 |
| Caprolactam | 0.088 | 0.089 | | 1.1 | |
| 4-Chloro-3-methylphenol | 0.288 | 0.288 | | 0.0 | 20.0 |
| 2-Methylnaphthalene | 0.636 | 0.626 | | -1.6 | |
| Hexachlorocyclopentadiene | 0.195 | 0.158 | 0.050 | -19.0 | |
| 2,4,6-Trichlorophenol | 0.446 | 0.435 | | -2.5 | 20.0 |
| 2-Fluorobiphenyl | 1.354 | 1.305 | | -3.6 | |
| 2,4,5-Trichlorophenol | 0.481 | 0.458 | | -4.8 | |
| 1,1-Biphenyl | 1.396 | 1.414 | | 1.3 | |
| 2-Chloronaphthalene | 1.191 | 1.192 | | 0.1 | |
| 2-Nitroaniline | 0.344 | 0.355 | | 3.2 | |
| Dimethylphthalate | 1.325 | 1.270 | | -4.2 | |
| Acenaphthylene | 1.623 | 1.610 | | -0.8 | |
| 2,6-Dinitrotoluene | 0.268 | 0.269 | | 0.4 | |
| 3-Nitroaniline | 0.293 | 0.301 | | 2.7 | |
| Acenaphthene | 1.085 | 0.988 | | -8.9 | 20.0 |
| 2,4-Dinitrophenol | 0.162 | 0.179 | 0.050 | 10.5 | |
| 4-Nitrophenol | 0.212 | 0.193 | 0.050 | -9.0 | |

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date/Time: 12/01/2025 12:41

Lab File ID: BF144382.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibenzofuran | 1.520 | 1.474 | | -3.0 | |
| 2,4-Dinitrotoluene | 0.359 | 0.357 | | -0.6 | |
| Diethylphthalate | 1.221 | 1.149 | | -5.9 | |
| 4-Chlorophenyl-phenylether | 0.658 | 0.619 | | -5.9 | |
| Fluorene | 1.156 | 1.117 | | -3.4 | |
| 4-Nitroaniline | 0.279 | 0.277 | | -0.7 | |
| 4,6-Dinitro-2-methylphenol | 0.136 | 0.127 | | -6.6 | |
| n-Nitrosodiphenylamine | 0.643 | 0.665 | | 3.4 | 20.0 |
| 2,4,6-Tribromophenol | 0.251 | 0.225 | | -10.4 | |
| 4-Bromophenyl-phenylether | 0.255 | 0.248 | | -2.7 | |
| Hexachlorobenzene | 0.301 | 0.292 | | -3.0 | |
| Atrazine | 0.205 | 0.188 | | -8.3 | |
| Pentachlorophenol | 0.150 | 0.158 | | 5.3 | 20.0 |
| Phenanthrene | 0.996 | 1.001 | | 0.5 | |
| Anthracene | 1.013 | 1.018 | | 0.5 | |
| Carbazole | 0.861 | 0.877 | | 1.9 | |
| Di-n-butylphthalate | 1.041 | 1.043 | | 0.2 | |
| Fluoranthene | 1.029 | 1.028 | | -0.1 | 20.0 |
| Pyrene | 1.613 | 1.464 | | -9.2 | |
| Terphenyl-d14 | 1.259 | 1.094 | | -13.1 | |
| Butylbenzylphthalate | 0.559 | 0.542 | | -3.0 | |
| 3,3-Dichlorobenzidine | 0.475 | 0.489 | | 2.9 | |
| Benzo(a)anthracene | 1.386 | 1.414 | | 2.0 | |
| Chrysene | 1.280 | 1.240 | | -3.1 | |
| Bis(2-ethylhexyl)phthalate | 0.765 | 0.774 | | 1.2 | |
| Di-n-octyl phthalate | 1.320 | 1.422 | | 7.7 | 20.0 |
| Benzo(b)fluoranthene | 1.137 | 1.133 | | -0.4 | |
| Benzo(k)fluoranthene | 1.064 | 1.064 | | 0.0 | |
| Benzo(a)pyrene | 1.049 | 1.056 | | 0.7 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.436 | 1.369 | | -4.7 | |
| Dibenzo(a,h)anthracene | 1.153 | 1.112 | | -3.6 | |
| Benzo(g,h,i)perylene | 1.139 | 1.089 | | -4.4 | |
| 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.626 | | -4.4 | |
| 1,4-Dioxane | 0.528 | 0.582 | | 10.2 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.340 | 0.311 | | -8.5 | |

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 58717 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 221118 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 119295 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 191565 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 137289 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 182291 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 313920 | 83.663 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 347086 | 81.638 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 307849 | 80.409 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 107298 | 71.675 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 622643 | 77.086 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 600969 | 69.531 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.575 | 88 | 68402 | 44.094 | ng | 96 |
| 3) Pyridine | 3.351 | 79 | 187981 | 43.435 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.298 | 42 | 86064 | 38.071 | ng | 91 |
| 6) Aniline | 6.528 | 93 | 244717 | 40.400 | ng | 91 |
| 8) 2-Chlorophenol | 6.651 | 128 | 154379 | 41.954 | ng | 99 |
| 9) Benzaldehyde | 6.416 | 77 | 116553 | 48.549 | ng | 98 |
| 10) Phenol | 6.516 | 94 | 212470 | 40.903 | ng | 84 |
| 11) bis(2-Chloroethyl)ether | 6.598 | 93 | 159024 | 42.014 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 180848 | 39.829 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 182952 | 40.218 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.034 | 146 | 171877 | 39.420 | ng | 99 |
| 15) Benzyl Alcohol | 7.010 | 79 | 132720 | 39.424 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 287361 | 41.227 | ng | 88 |
| 17) 2-Methylphenol | 7.122 | 107 | 118607 | 40.517 | ng | 97 |
| 18) Hexachloroethane | 7.375 | 117 | 60409 | 39.971 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 104910 | 37.484 | ng | 98 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 137064 | 39.719 | ng | 95 |
| 22) Acetophenone | 7.275 | 105 | 183860 | 38.761 | ng | 97 |
| 24) Nitrobenzene | 7.451 | 77 | 168032 | 40.422 | ng | 97 |
| 25) Isophorone | 7.686 | 82 | 288281 | 39.808 | ng | 98 |
| 26) 2-Nitrophenol | 7.763 | 139 | 87141 | 42.348 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 126939m | 41.158 | ng | |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 187333 | 41.425 | ng | 98 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 143010 | 40.230 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.086 | 180 | 140198 | 38.408 | ng | 99 |
| 31) Naphthalene | 8.169 | 128 | 425428 | 40.446 | ng | 99 |
| 32) Benzoic acid | 7.916 | 122 | 86617m | 38.313 | ng | |
| 33) 4-Chloroaniline | 8.222 | 127 | 155895 | 40.638 | ng | 98 |
| 34) Hexachlorobutadiene | 8.281 | 225 | 101051 | 36.733 | ng | 98 |
| 35) Caprolactam | 8.592 | 113 | 39341 | 40.395 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 127233 | 39.937 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 276714 | 39.348 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 261880 | 38.593 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 149328 | 38.194 | ng | 97 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 37801 | 33.548 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 103805 | 39.010 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 109307 | 38.113 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 337329 | 40.510 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 284497 | 40.052 | ng | | 99 |
| 48) 2-Nitroaniline | 9.451 | 65 | 84742 | 41.348 | ng | | 94 |
| 49) Acenaphthylene | 9.763 | 152 | 384106 | 39.682 | ng | | 100 |
| 50) Dimethylphthalate | 9.616 | 163 | 303102 | 38.352 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 64232 | 40.149 | ng | | 97 |
| 52) Acenaphthene | 9.939 | 154 | 235733 | 36.418 | ng | | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 71774 | 41.041 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 42780 | 44.283 | ng | | 97 |
| 55) Dibenzofuran | 10.110 | 168 | 351740 | 38.799 | ng | | 99 |
| 56) 4-Nitrophenol | 10.033 | 139 | 45990 | 36.354 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 85136 | 39.752 | ng | | 98 |
| 58) Fluorene | 10.457 | 166 | 266464 | 38.659 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 74216 | 36.576 | ng | # | 100 |
| 60) Diethylphthalate | 10.322 | 149 | 274187 | 37.635 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 147621 | 37.599 | ng | | 99 |
| 62) 4-Nitroaniline | 10.474 | 138 | 65981 | 39.617 | ng | | 93 |
| 63) Azobenzene | 10.604 | 77 | 267889 | 39.510 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 48786 | 37.488 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 254610 | 41.324 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 94832 | 38.784 | ng | | 99 |
| 68) Hexachlorobenzene | 11.004 | 284 | 111963 | 38.875 | ng | | 98 |
| 69) Atrazine | 11.092 | 200 | 71941 | 36.716 | ng | | 96 |
| 70) Pentachlorophenol | 11.204 | 266 | 60464 | 42.160 | ng | | 99 |
| 71) Phenanthrene | 11.421 | 178 | 383477 | 40.206 | ng | | 99 |
| 72) Anthracene | 11.474 | 178 | 389942 | 40.207 | ng | | 99 |
| 73) Carbazole | 11.627 | 167 | 335985 | 40.741 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 399779 | 40.101 | ng | | 99 |
| 75) Fluoranthene | 12.616 | 202 | 393834 | 39.973 | ng | | 99 |
| 77) Benzidine | 12.733 | 184 | 205721 | 50.659 | ng | | 99 |
| 78) Pyrene | 12.845 | 202 | 401965 | 36.313 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 148885 | 38.807 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 388268 | 40.805 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 134399 | 41.207 | ng | | 98 |
| 83) Chrysene | 14.074 | 228 | 340440 | 38.758 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 212428 | 40.447 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 390334 | 43.076 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.045 | 276 | 499107 | 38.142 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 412945m | 39.846 | ng | | |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 387886 | 39.987 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 384963 | 40.265 | ng | # | 99 |
| 91) Dibenzo(a,h)anthracene | 17.056 | 278 | 405260 | 38.563 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.498 | 276 | 397188 | 38.273 | ng | | 97 |

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

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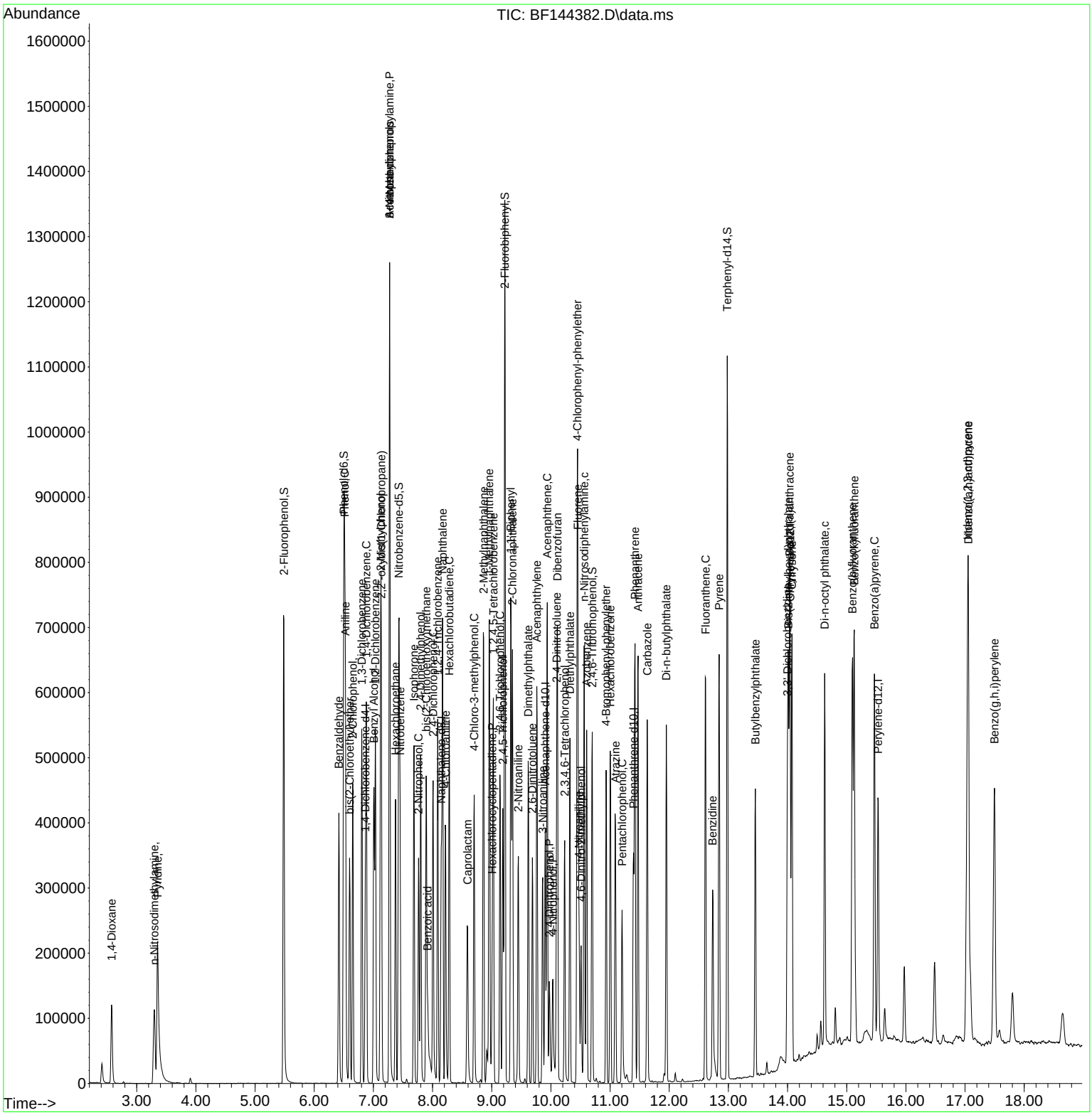
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

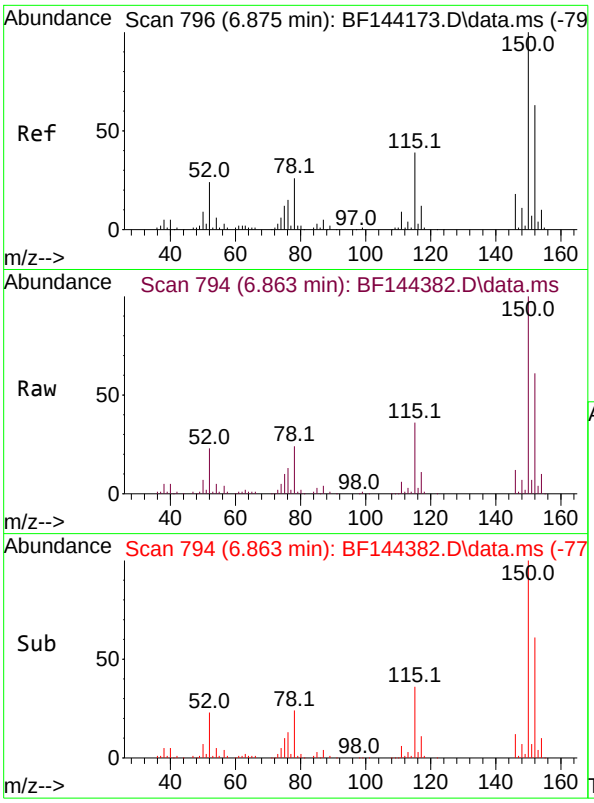
Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

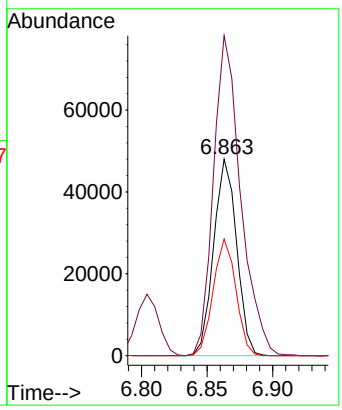





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:152 Resp: 5871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.0 | 127.4 | 191.0 |
| 115 | 59.4 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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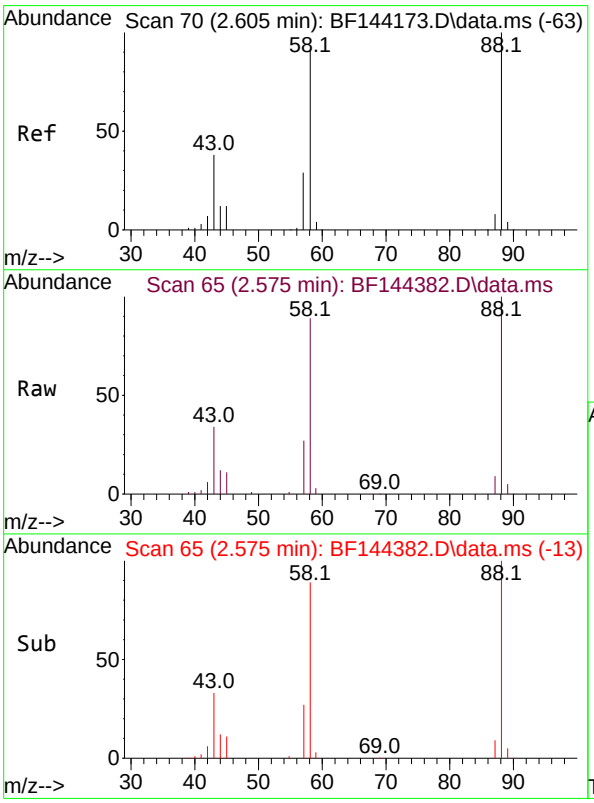
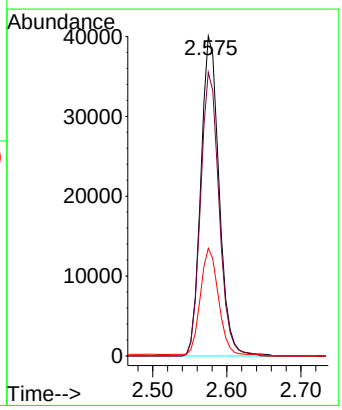
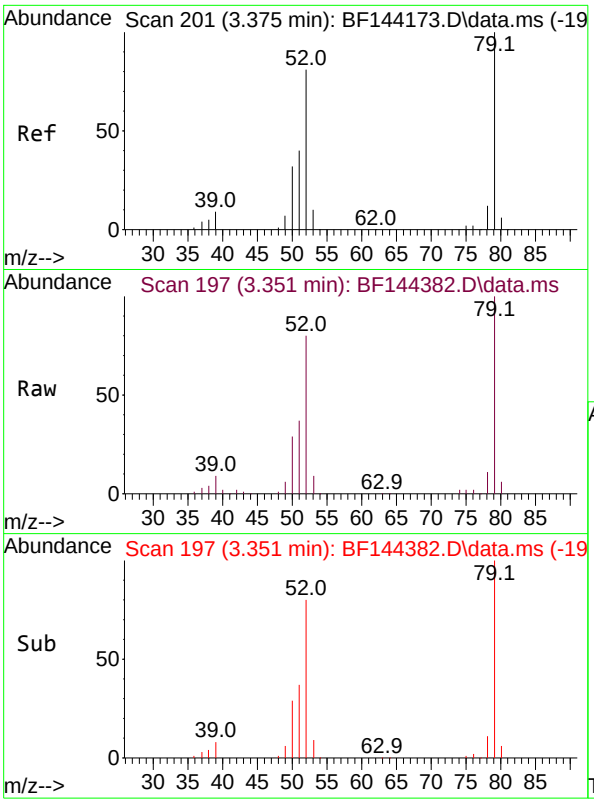



#2
1,4-Dioxane
Concen: 44.094 ng
RT: 2.575 min Scan# 65
Delta R.T. -0.041 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 88 Resp: 68402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 89.7 | 73.1 | 109.7 |
| 43 | 34.0 | 31.0 | 46.6 |

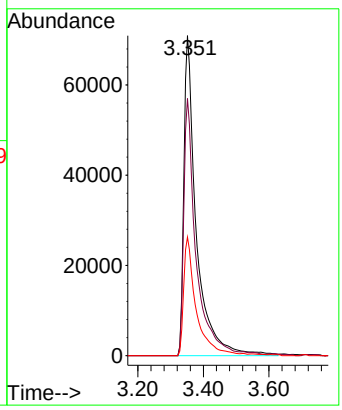





#3
Pyridine
Concen: 43.435 ng
RT: 3.351 min Scan# 19
Delta R.T. -0.059 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 79 Resp: 18798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 80.3 | 64.5 | 96.7 |
| 51 | 37.0 | 31.7 | 47.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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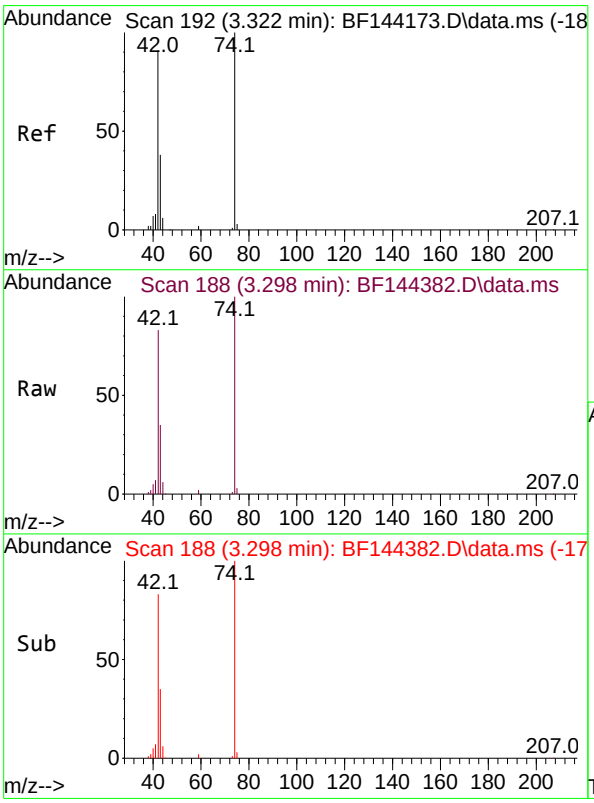
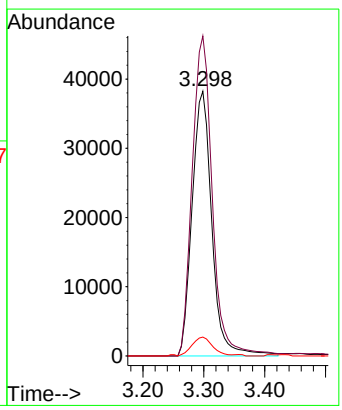
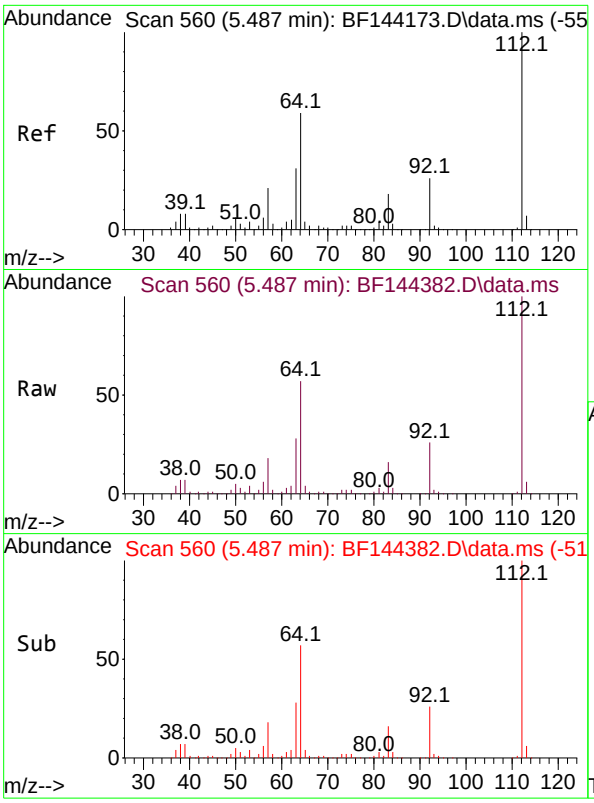



#4
n-Nitrosodimethylamine
Concen: 38.071 ng
RT: 3.298 min Scan# 188
Delta R.T. -0.047 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 42 Resp: 86064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 120.9 | 88.2 | 132.4 |
| 44 | 7.1 | 5.7 | 8.5 |






#5
2-Fluorophenol
Concen: 83.663 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:112 Resp: 31392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.4 | 47.2 | 70.8 |
| 63 | 27.8 | 24.4 | 36.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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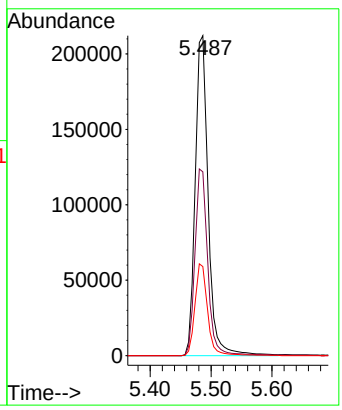
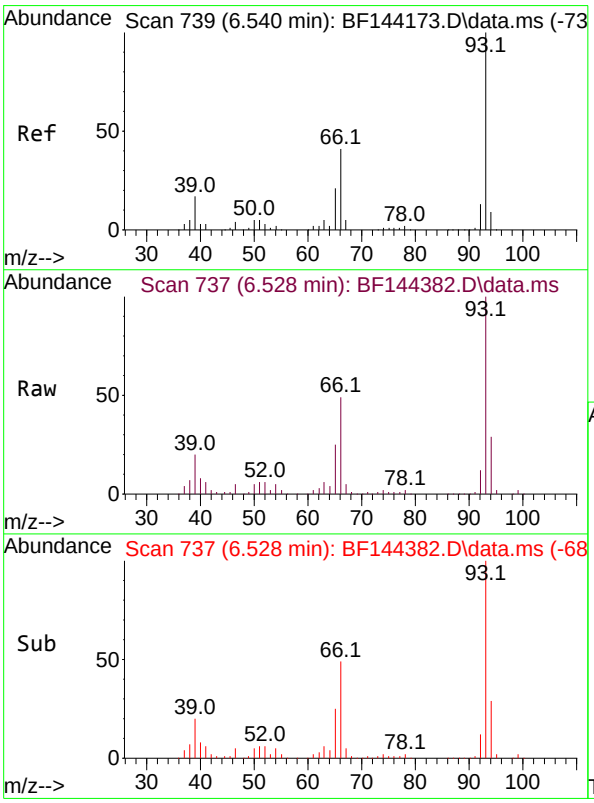
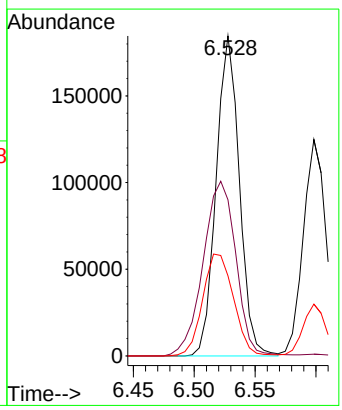


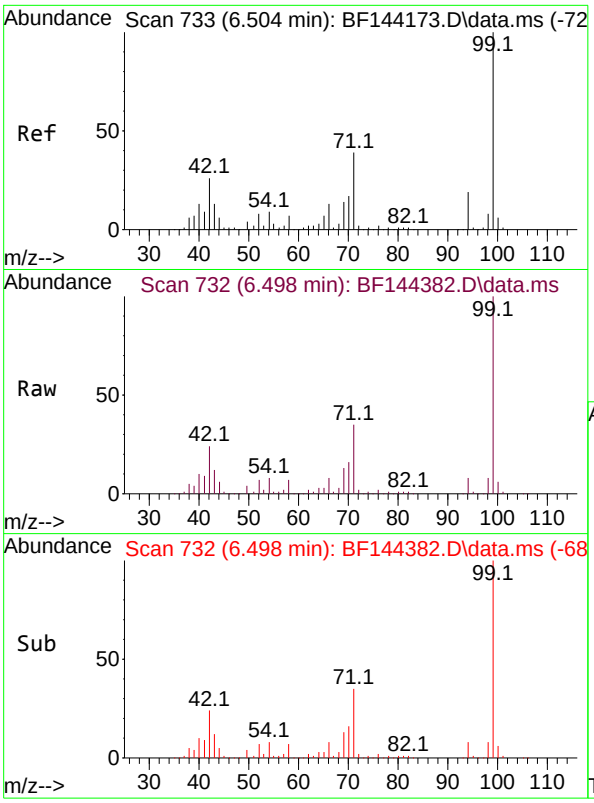




#6
Aniline
Concen: 40.400 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 93 Resp: 244717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 48.8 | 34.3 | 51.5 |
| 65 | 25.0 | 16.9 | 25.3 |

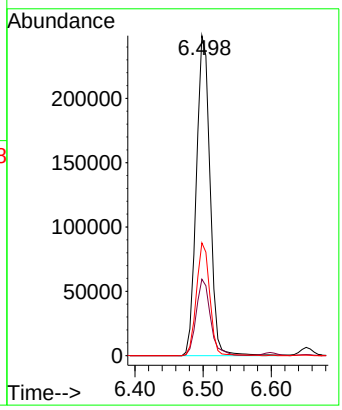





#7
Phenol-d6
Concen: 81.638 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 99 Resp: 34708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.9 | 20.9 | 31.3 |
| 71 | 35.2 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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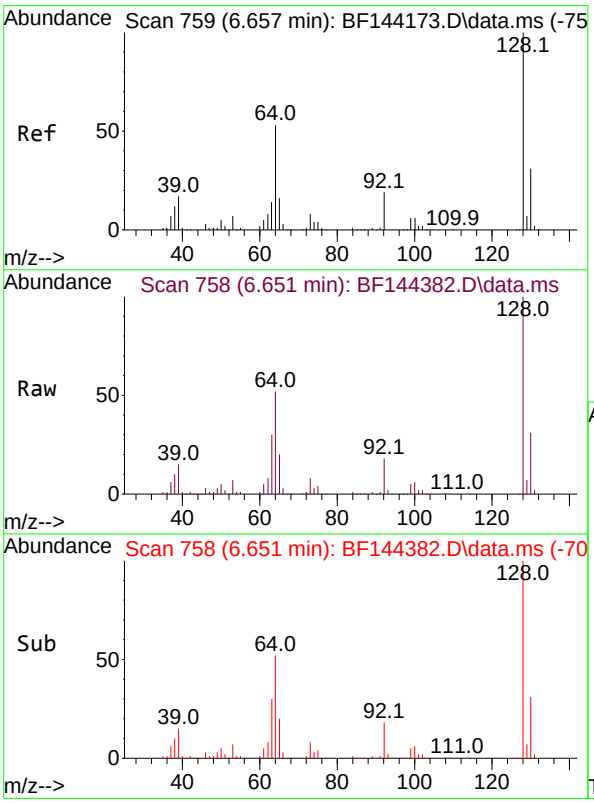
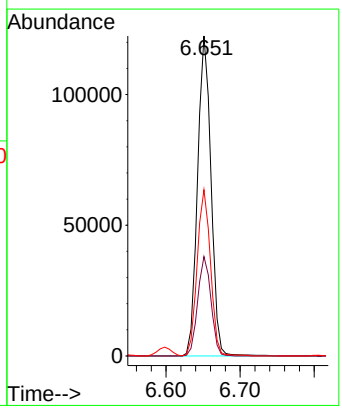
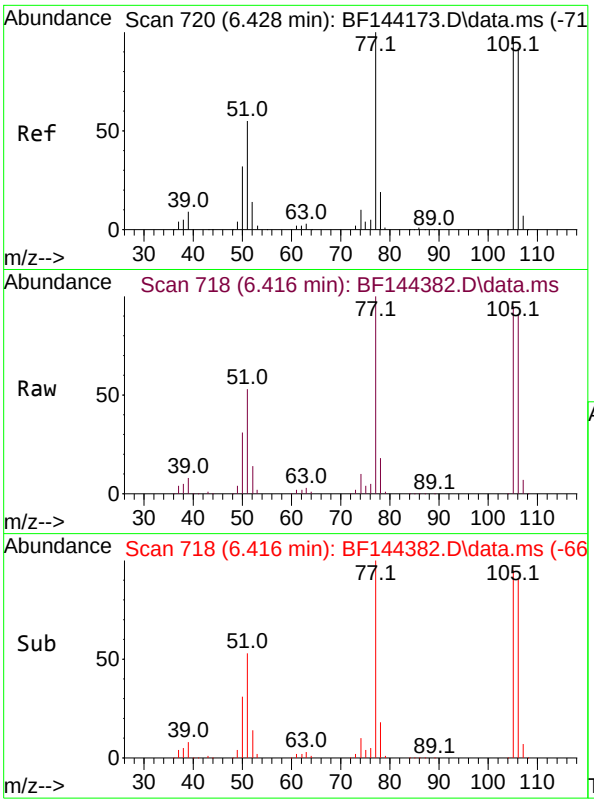



#8
2-Chlorophenol
Concen: 41.954 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:128 Resp: 154379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 10.5 | 50.5 |
| 64 | 51.9 | 33.2 | 73.2 |

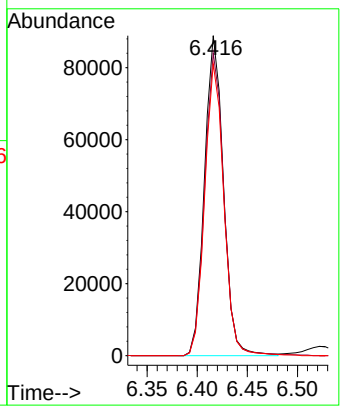





#9
Benzaldehyde
Concen: 48.549 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 77 Resp: 11655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.6 | 77.2 | 117.2 |
| 106 | 91.2 | 72.2 | 112.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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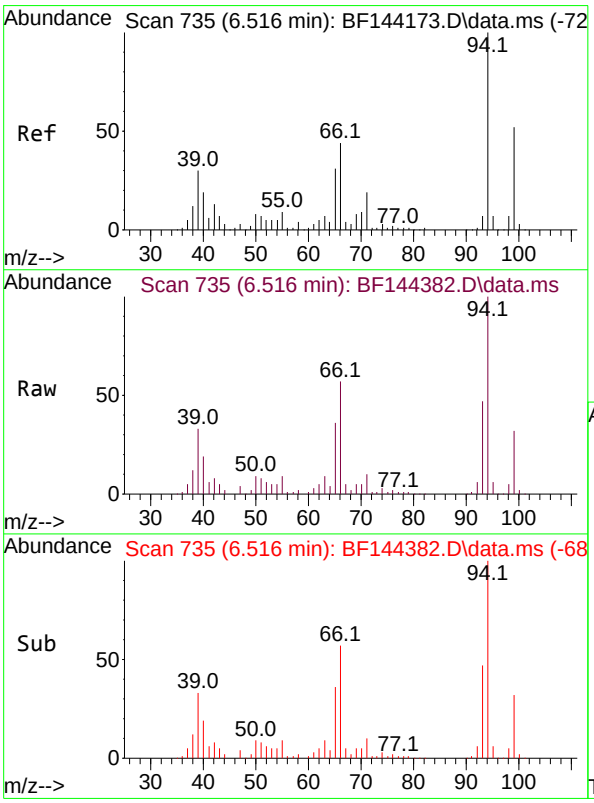
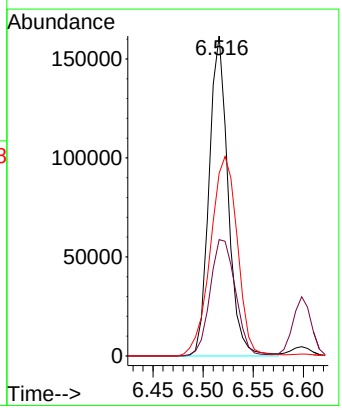
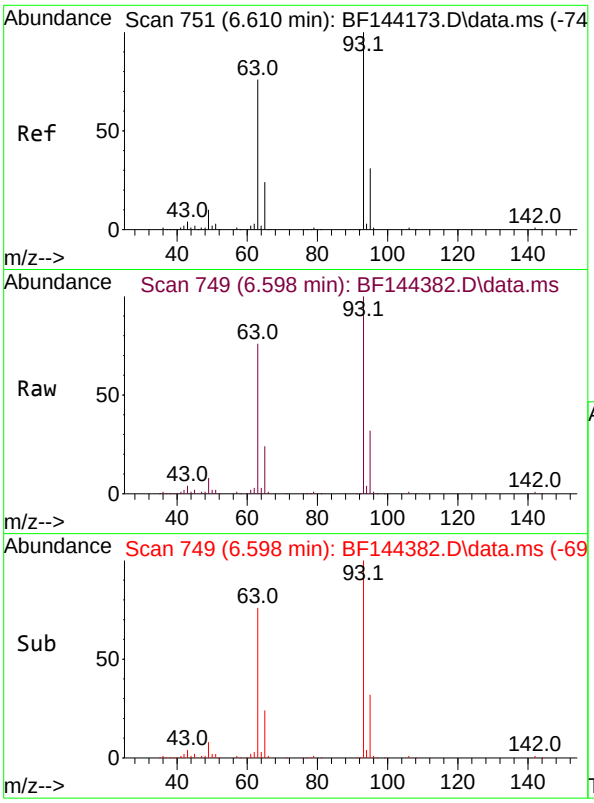



#10
Phenol
Concen: 40.903 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 94 Resp: 212470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.3 | 10.8 | 50.8 |
| 66 | 57.1 | 24.3 | 64.3 |

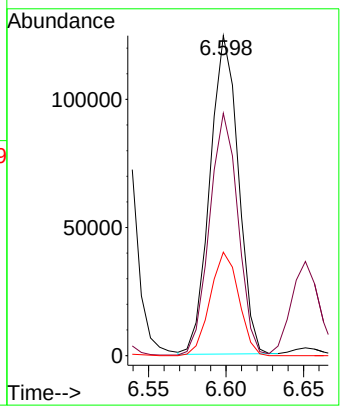





#11
bis(2-Chloroethyl)ether
Concen: 42.014 ng
RT: 6.598 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 93 Resp: 15902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.7 | 55.2 | 95.2 |
| 95 | 32.3 | 11.2 | 51.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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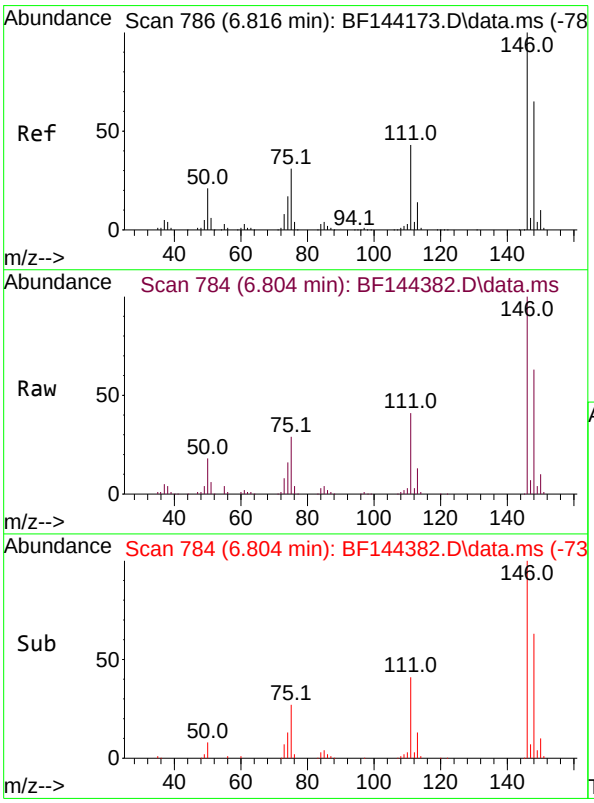
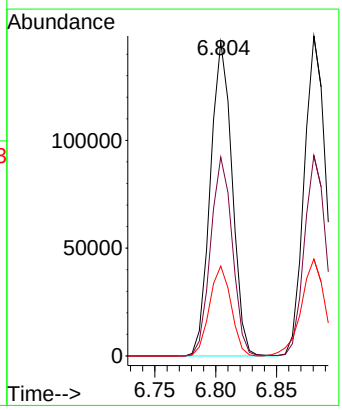
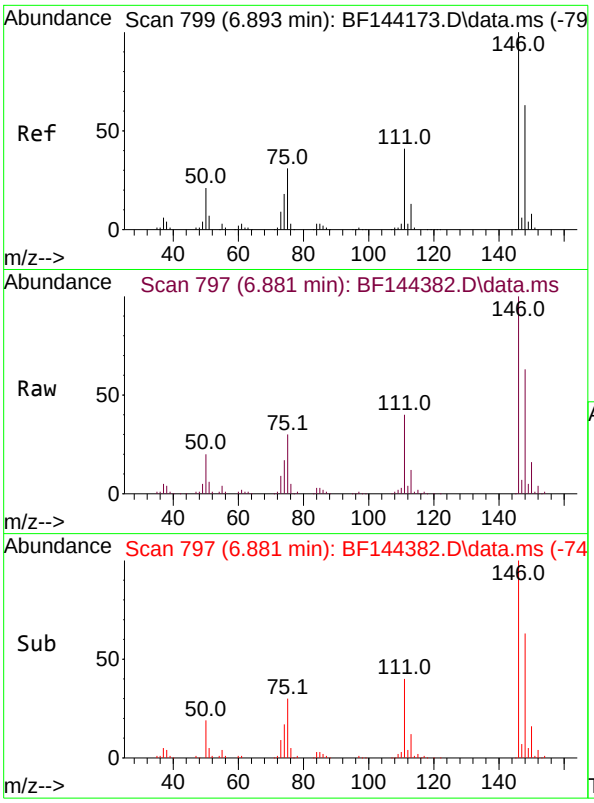



#12
1,3-Dichlorobenzene
Concen: 39.829 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:146 Resp: 180848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 51.8 | 77.8 |
| 75 | 28.6 | 25.0 | 37.4 |

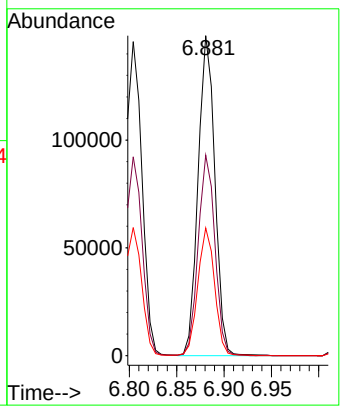





#13
1,4-Dichlorobenzene
Concen: 40.218 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:146 Resp: 18295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 50.2 | 75.2 |
| 111 | 39.9 | 32.6 | 48.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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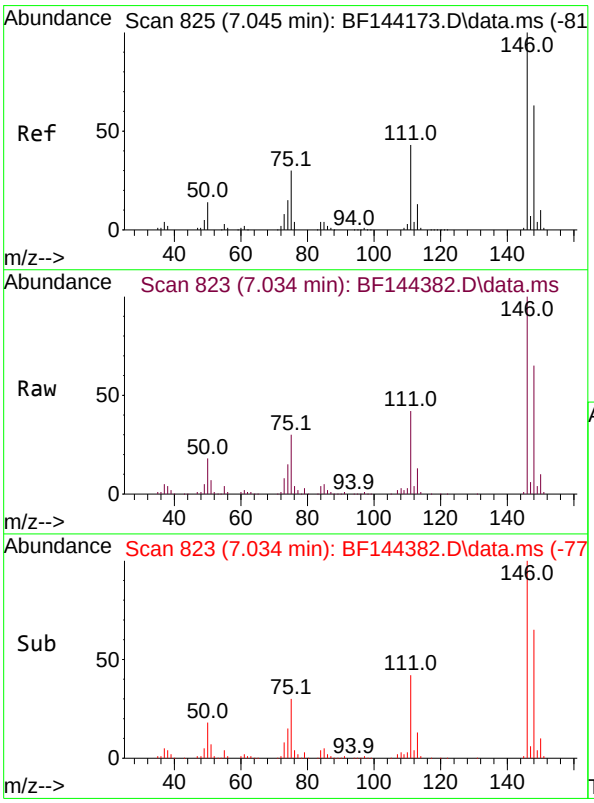
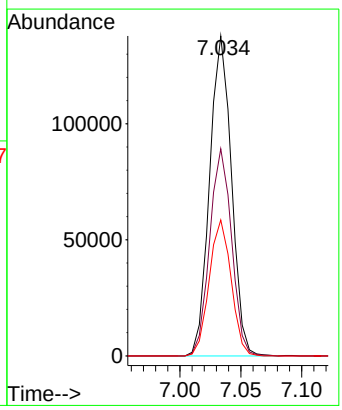
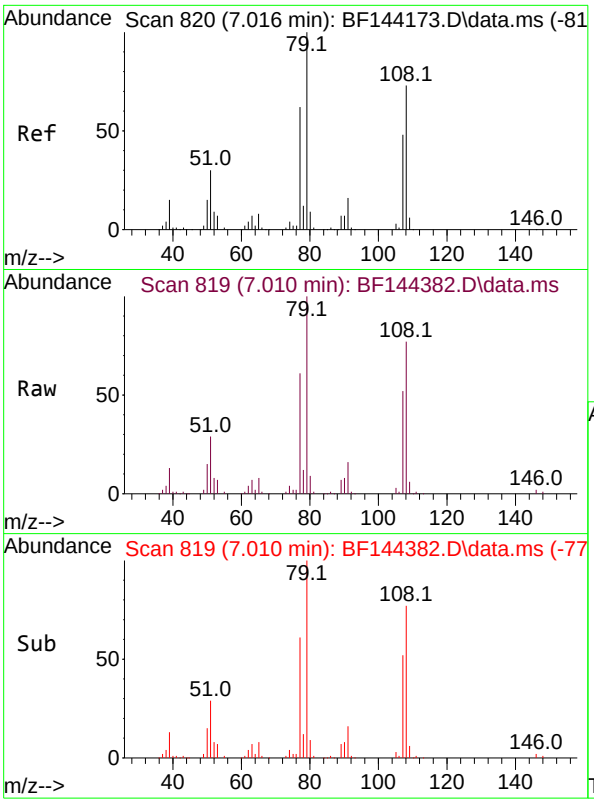



#14
1,2-Dichlorobenzene
Concen: 39.420 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:146 Resp: 171877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 50.7 | 76.1 |
| 111 | 42.5 | 34.2 | 51.4 |






#15
Benzyl Alcohol
Concen: 39.424 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 79 Resp: 13272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.7 | 58.2 | 87.4 |
| 77 | 60.6 | 49.9 | 74.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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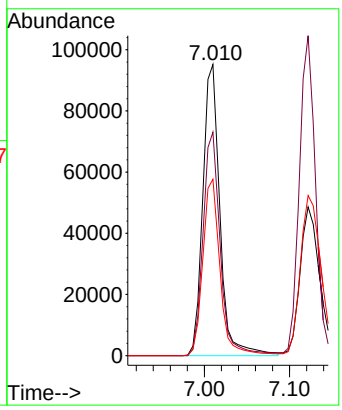
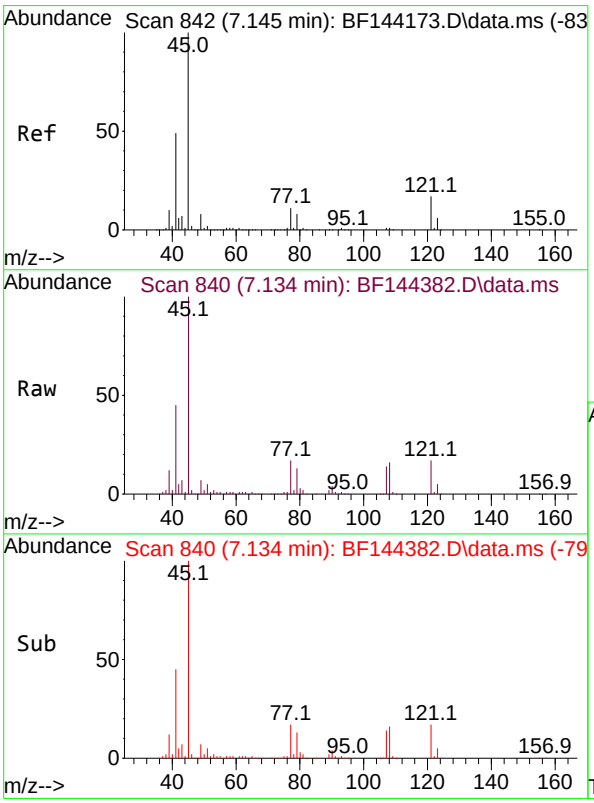
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

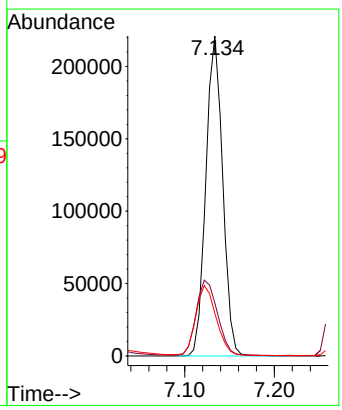


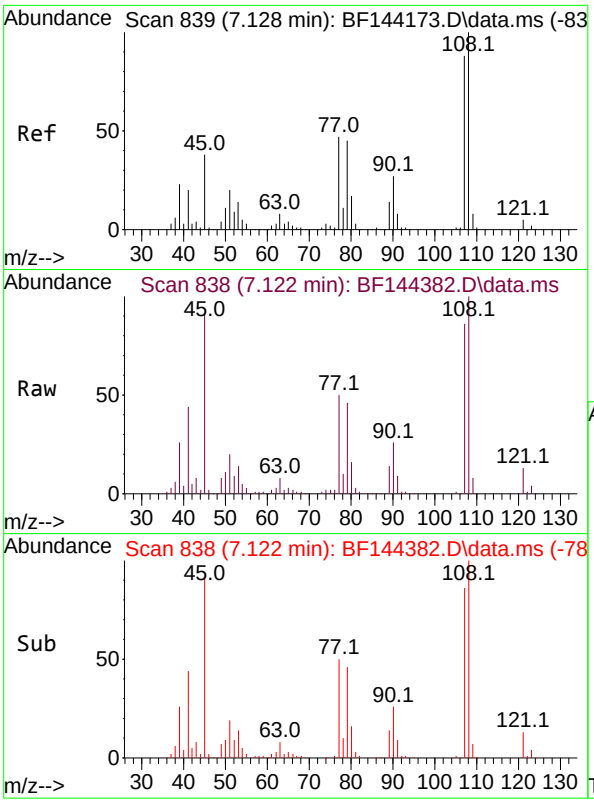




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.227 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 45 Resp: 287361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.6 | 0.0 | 31.8 |
| 79 | 13.3 | 0.0 | 29.1 |

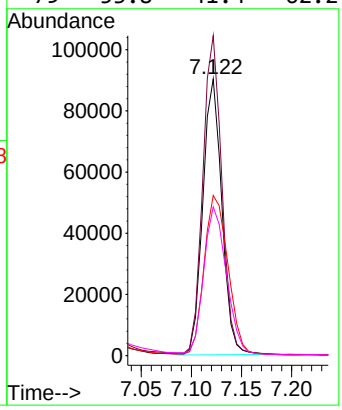





#17
2-Methylphenol
Concen: 40.517 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:107 Resp: 11860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.6 | 91.0 | 136.4 |
| 77 | 57.8 | 42.7 | 64.1 |
| 79 | 53.8 | 41.4 | 62.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
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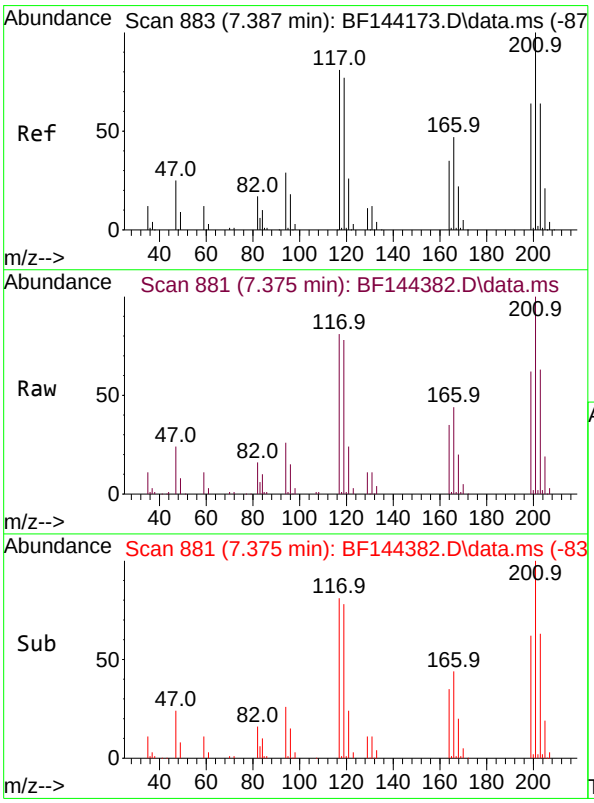
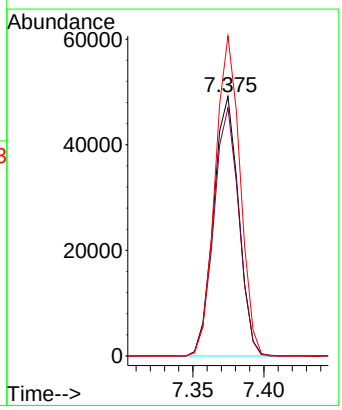
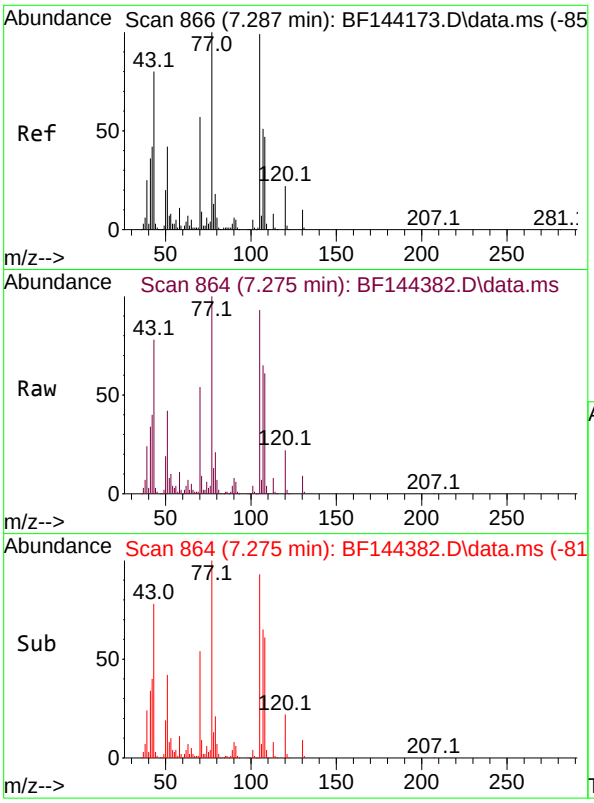



#18
Hexachloroethane
Concen: 39.971 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:117 Resp: 60409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.7 | 75.8 | 113.8 |
| 201 | 123.4 | 98.9 | 148.3 |

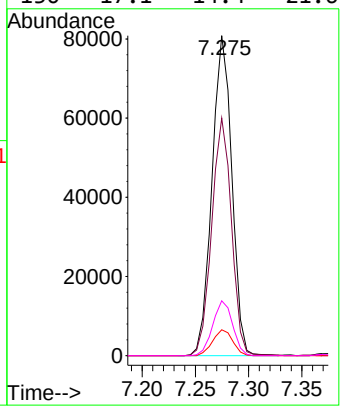





#19
n-Nitroso-di-n-propylamine
Concen: 37.484 ng
RT: 7.275 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 70 Resp: 10491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 74.2 | 58.3 | 87.5 |
| 101 | 8.1 | 7.0 | 10.6 |
| 130 | 17.1 | 14.4 | 21.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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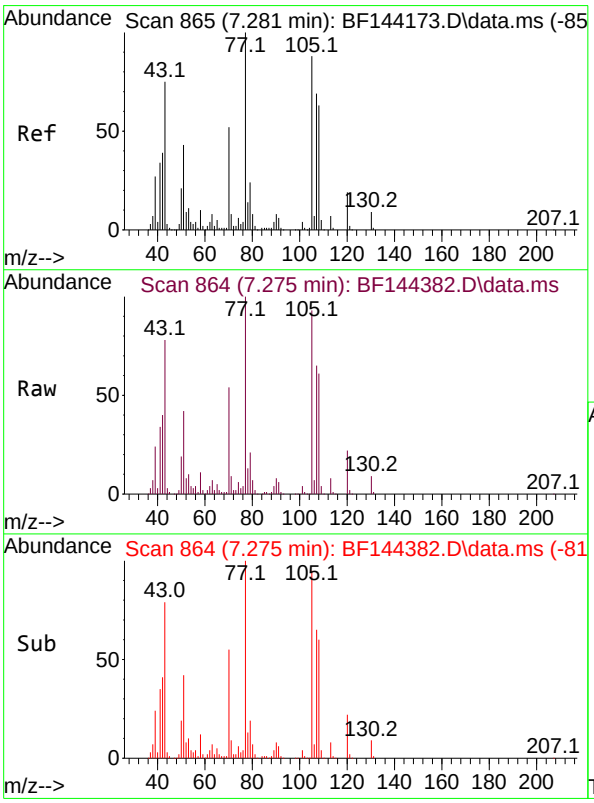
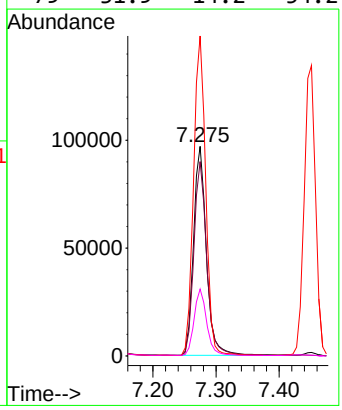
Supervised By :mohammad ahmed 12/03/2025

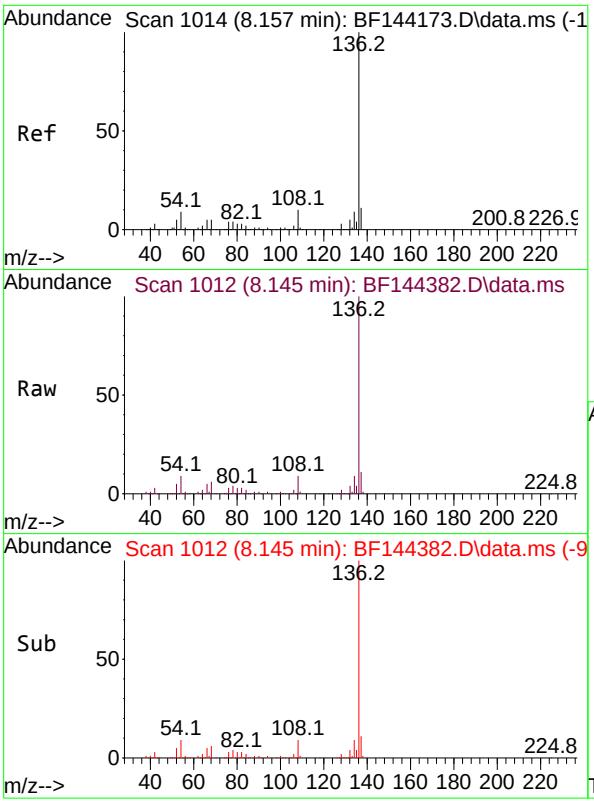



#20
3+4-Methylphenols
Concen: 39.719 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:107 Resp: 137064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.7 | 70.2 | 110.2 |
| 77 | 152.7 | 123.9 | 163.9 |
| 79 | 31.9 | 14.2 | 54.2 |

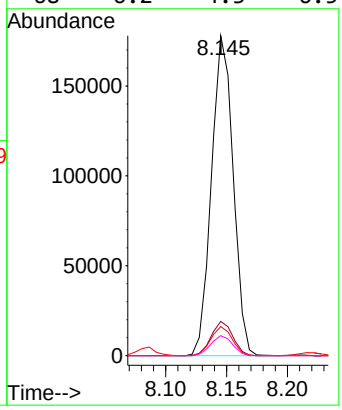





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:136 Resp: 221118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 9.1 | 7.0 | 10.6 |
| 68 | 6.2 | 4.3 | 6.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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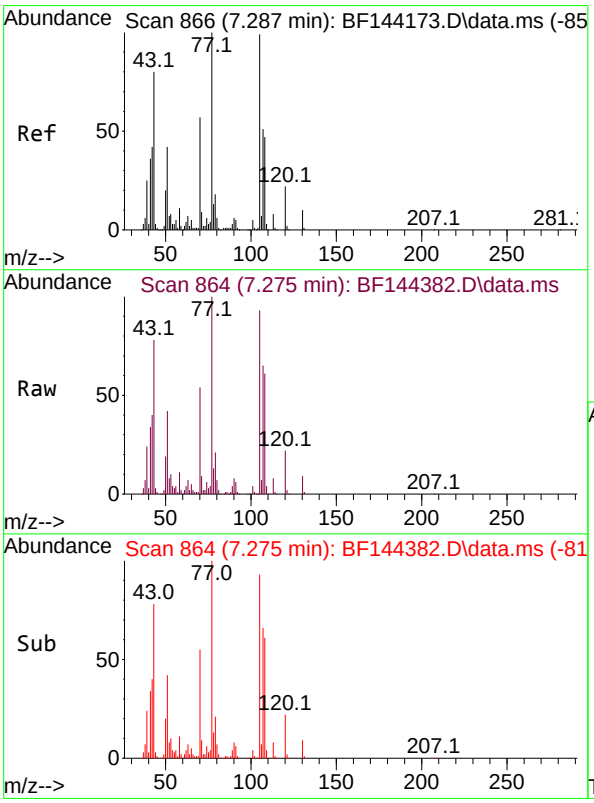
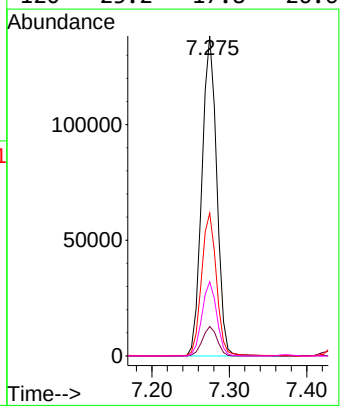
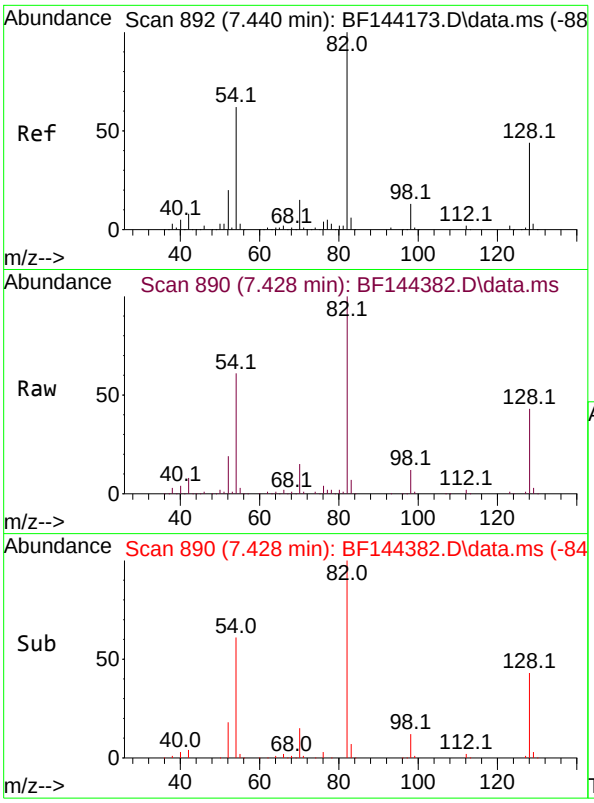



#22
Acetophenone
Concen: 38.761 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:105 Resp: 183860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.2 | 7.2 | 10.8 |
| 51 | 44.6 | 34.0 | 51.0 |
| 120 | 23.2 | 17.8 | 26.6 |






#23
Nitrobenzene-d5
Concen: 80.409 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 82 Resp: 307849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.4 | 34.7 | 52.1 |
| 54 | 61.5 | 49.5 | 74.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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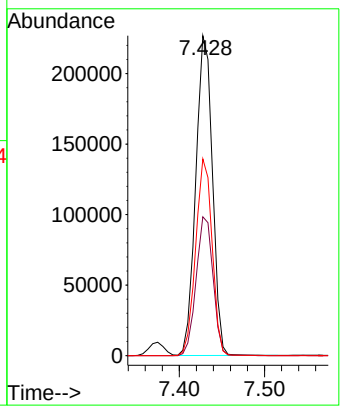
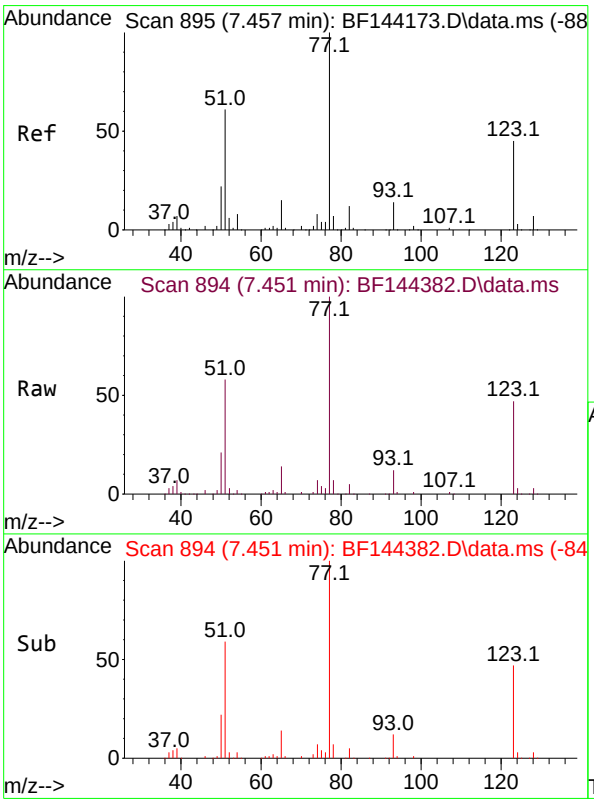
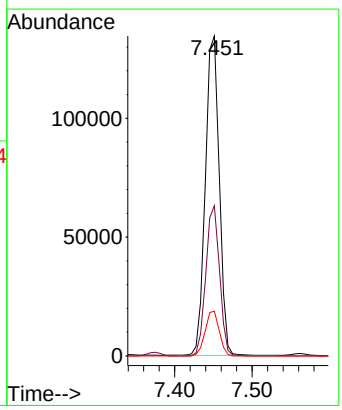


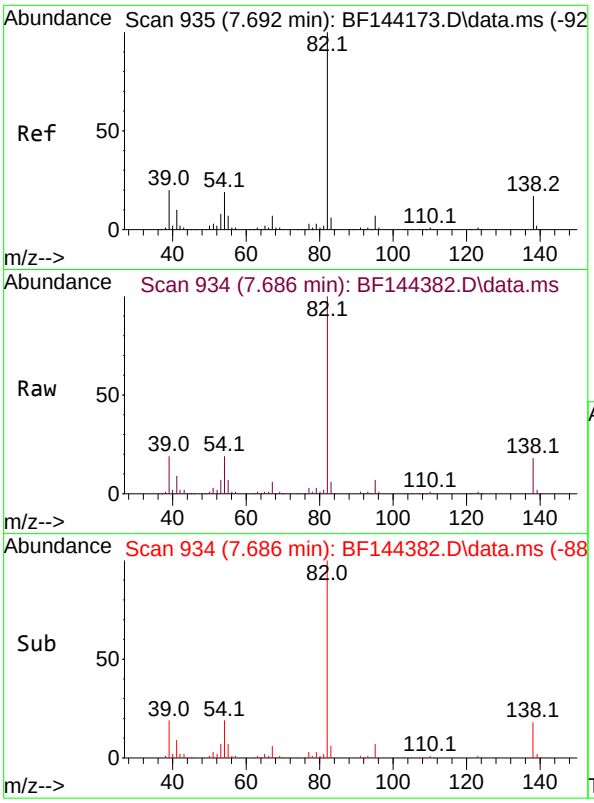




#24
Nitrobenzene
Concen: 40.422 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 77 Resp: 168032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.9 | 35.8 | 53.8 |
| 65 | 14.0 | 12.2 | 18.2 |

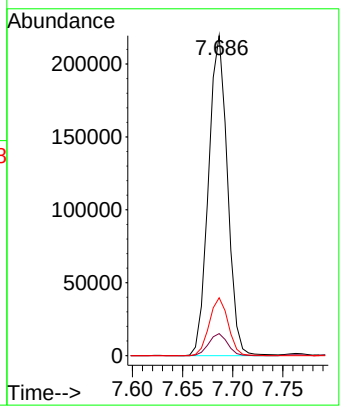





#25
Isophorone
Concen: 39.808 ng
RT: 7.686 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 82 Resp: 28828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 18.1 | 13.7 | 20.5 |




**Instrument :**
BNA_F
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SSTDCCC040

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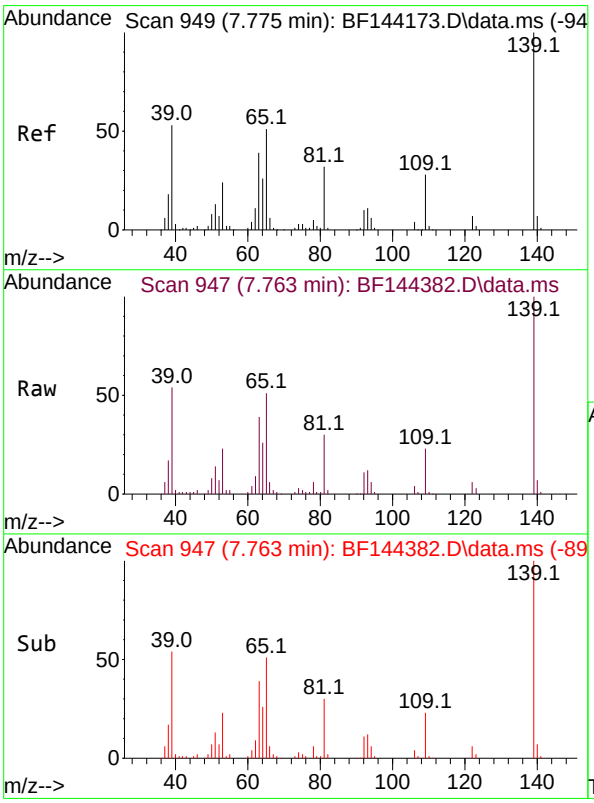
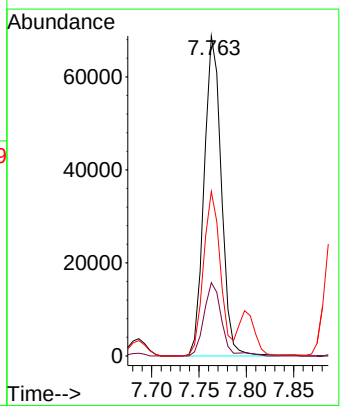
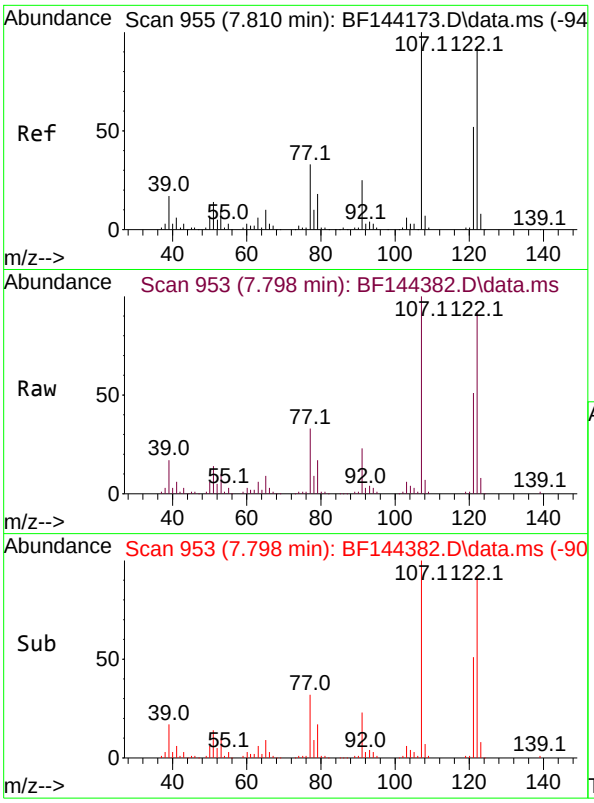



#26
2-Nitrophenol
Concen: 42.348 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:139 Resp: 87141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 22.9 | 22.2 | 33.2 |
| 65 | 51.4 | 40.7 | 61.1 |

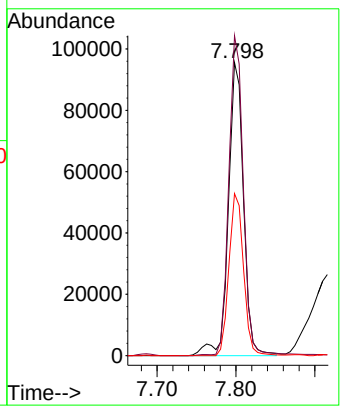





#27
2,4-Dimethylphenol
Concen: 41.158 ng m
RT: 7.798 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:122 Resp: 12693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.2 | 86.2 | 129.4 |
| 121 | 55.3 | 44.6 | 66.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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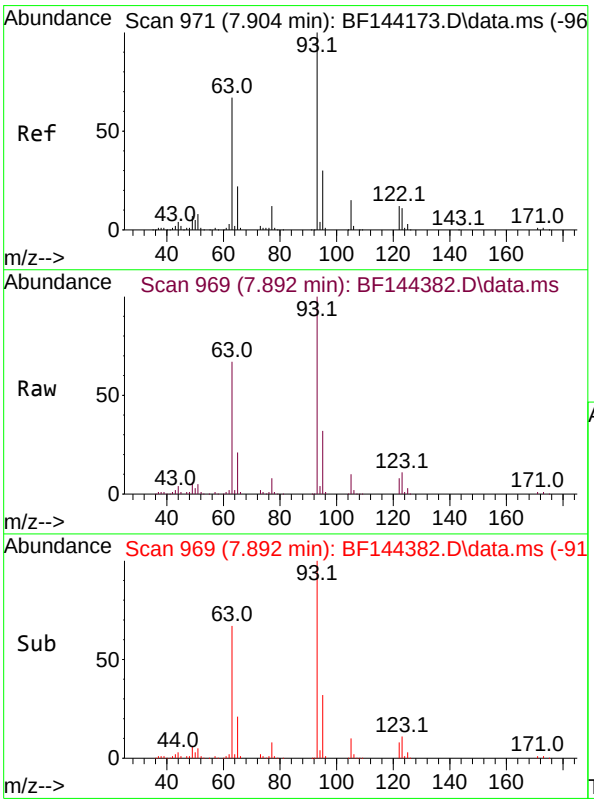
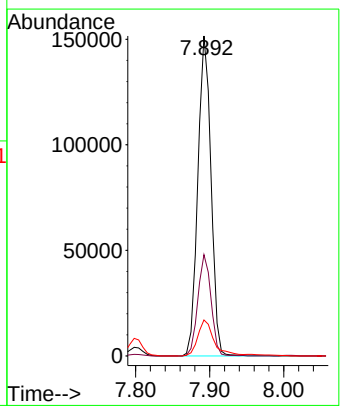
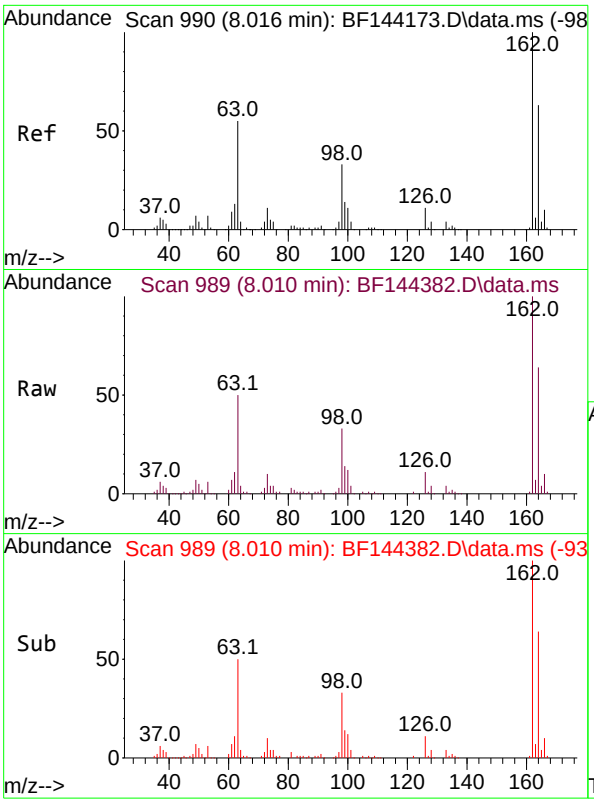



#28
bis(2-Chloroethoxy)methane
Concen: 41.425 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 93 Resp: 187333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.6 | 24.2 | 36.4 |
| 123 | 11.2 | 9.0 | 13.4 |

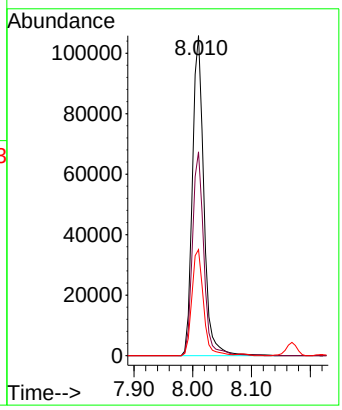





#29
2,4-Dichlorophenol
Concen: 40.230 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:162 Resp: 14301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.7 | 42.9 | 82.9 |
| 98 | 33.1 | 13.3 | 53.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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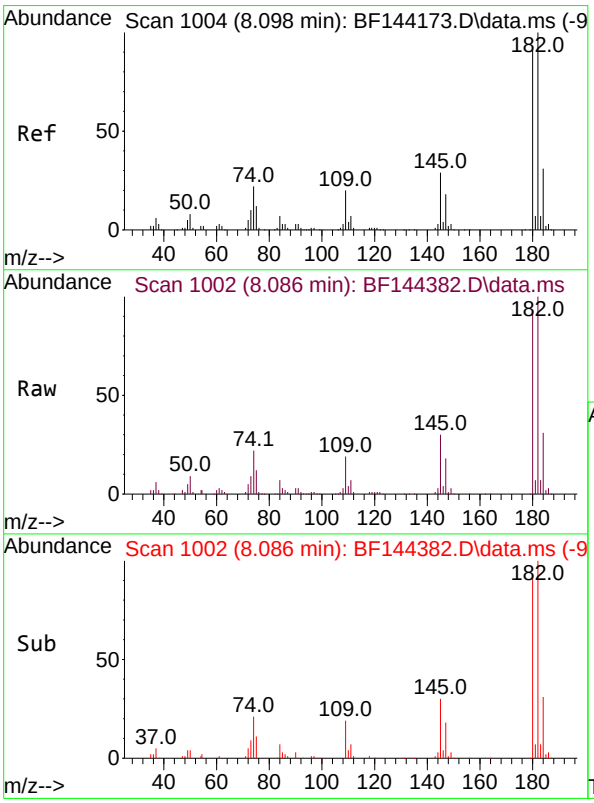
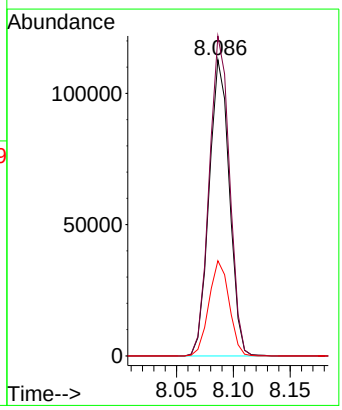
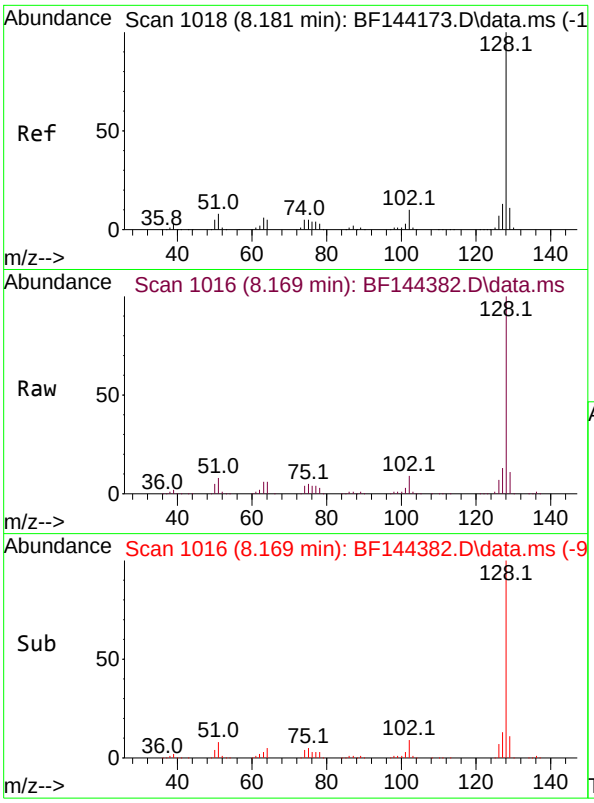



#30
1,2,4-Trichlorobenzene
Concen: 38.408 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:180 Resp: 140198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 108.0 | 87.7 | 131.5 |
| 145 | 32.1 | 25.4 | 38.0 |

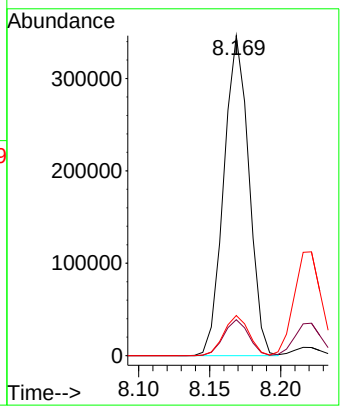





#31
Naphthalene
Concen: 40.446 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:128 Resp: 42542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.9 | 13.3 |
| 127 | 12.6 | 10.3 | 15.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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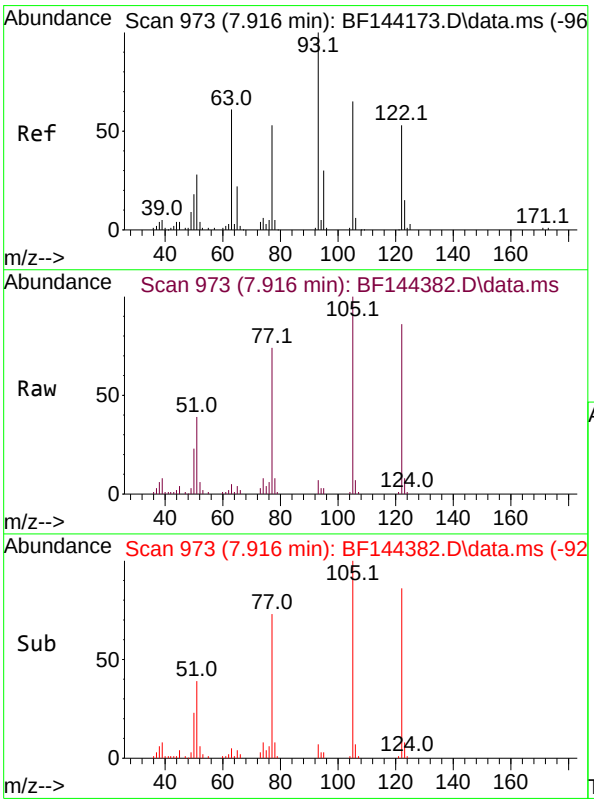
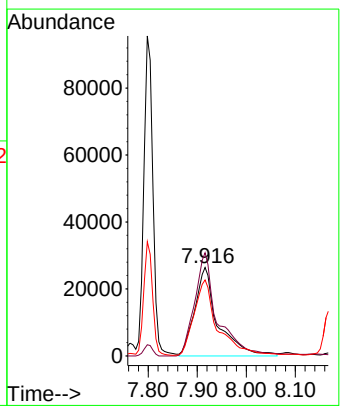
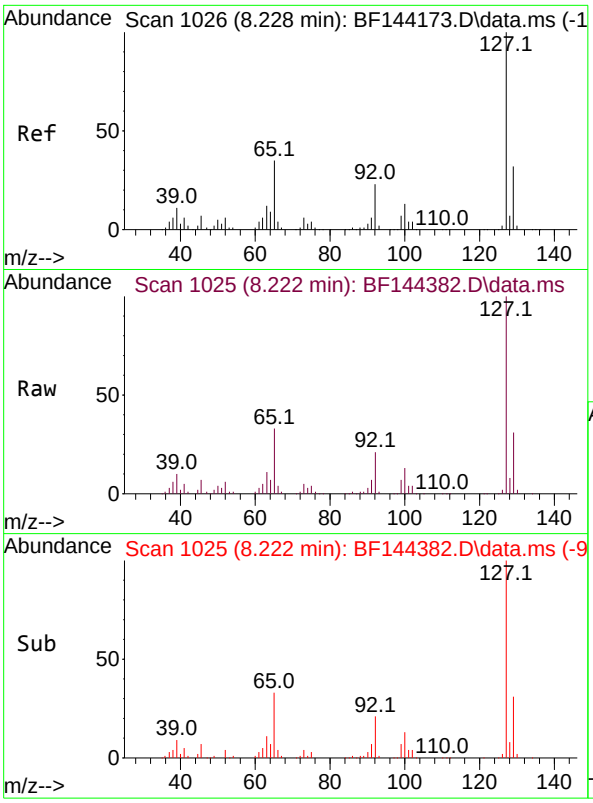



#32
Benzoic acid
Concen: 38.313 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:122 Resp: 86617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 116.7 | 99.9 | 139.9 |
| 77 | 85.9 | 77.5 | 117.5 |

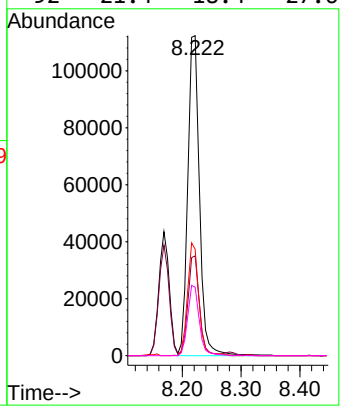





#33
4-Chloroaniline
Concen: 40.638 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:127 Resp: 15589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.2 | 25.3 | 37.9 |
| 65 | 33.3 | 27.6 | 41.4 |
| 92 | 21.4 | 18.4 | 27.6 |




**Instrument :**
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**ClientSampleId :**
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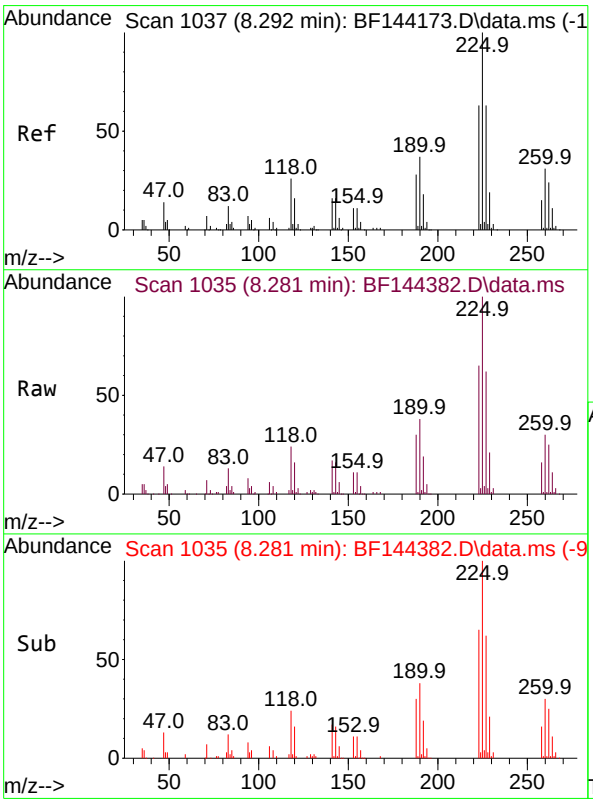
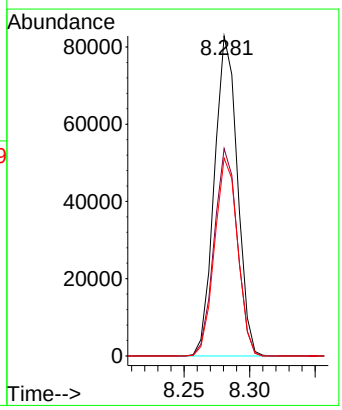
Supervised By :mohammad ahmed 12/03/2025

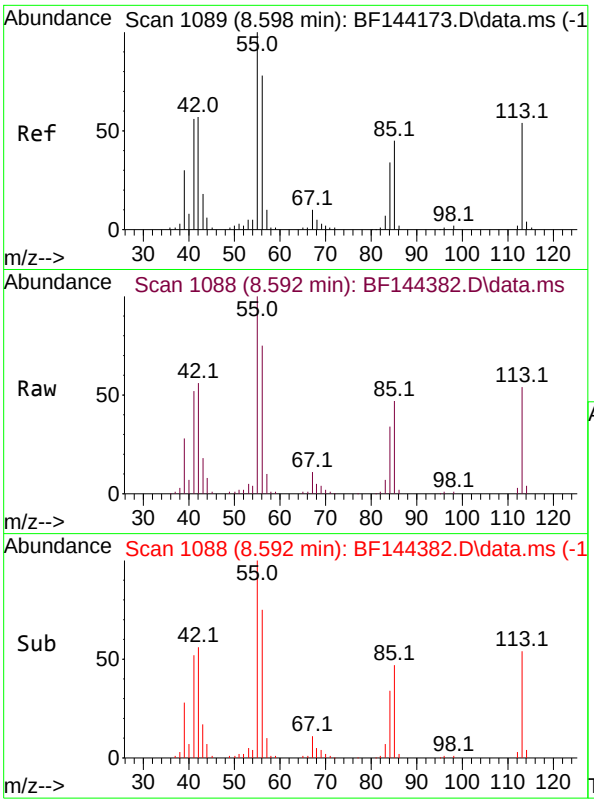



#34
Hexachlorobutadiene
Concen: 36.733 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:225 Resp: 101051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.8 | 50.2 | 75.4 |
| 227 | 61.8 | 50.1 | 75.1 |

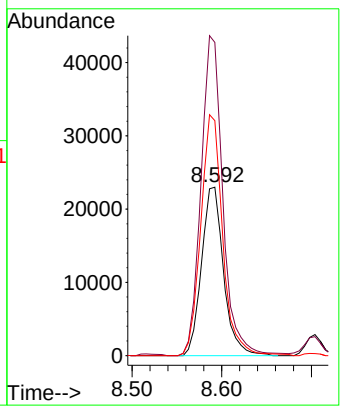





#35
Caprolactam
Concen: 40.395 ng
RT: 8.592 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:113 Resp: 3934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 185.9 | 166.8 | 206.8 |
| 56 | 139.5 | 125.9 | 165.9 |

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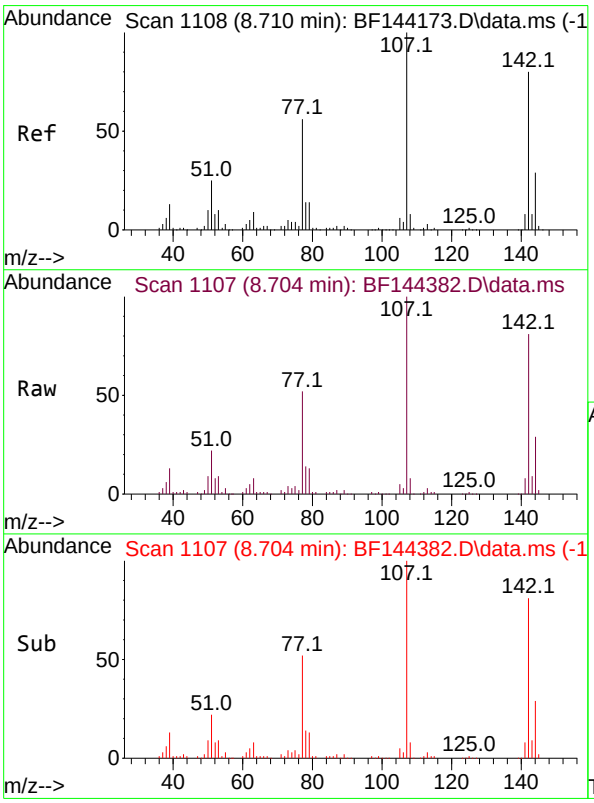
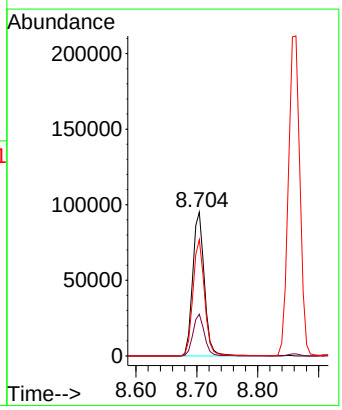
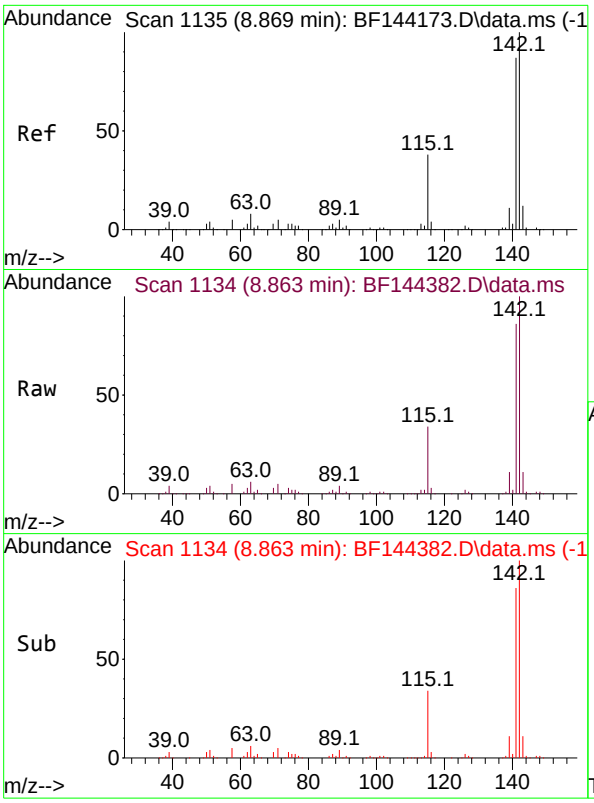



#36
4-Chloro-3-methylphenol
Concen: 39.937 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:107 Resp: 127233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.0 | 23.3 | 34.9 |
| 142 | 80.9 | 63.8 | 95.6 |

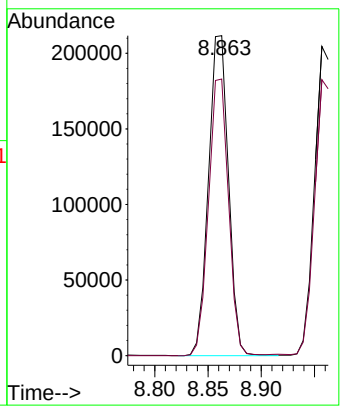





#37
2-Methylnaphthalene
Concen: 39.348 ng
RT: 8.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:142 Resp: 27671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.4 | 69.9 | 104.9 |

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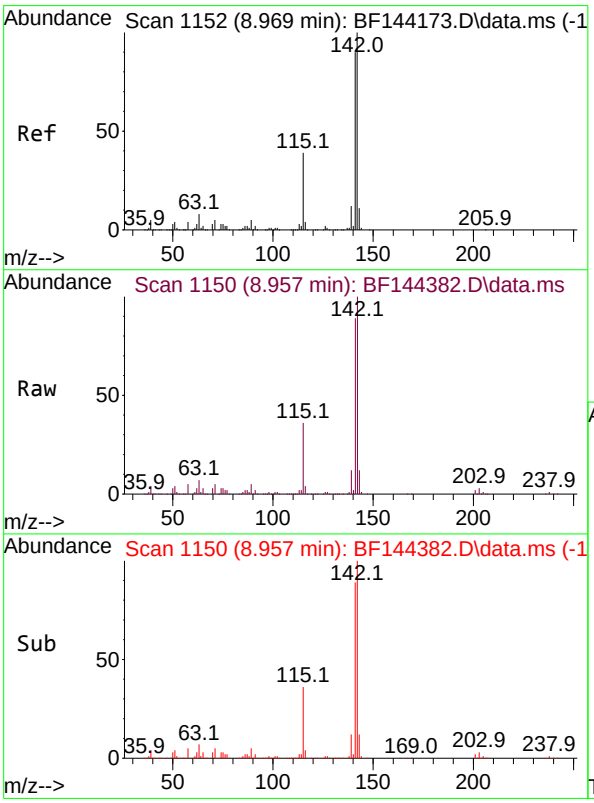
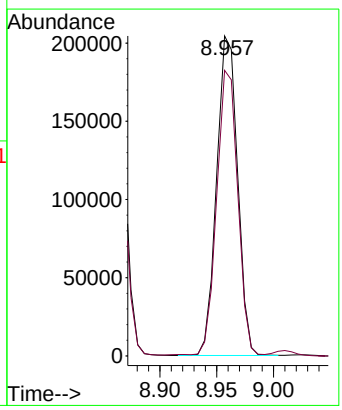
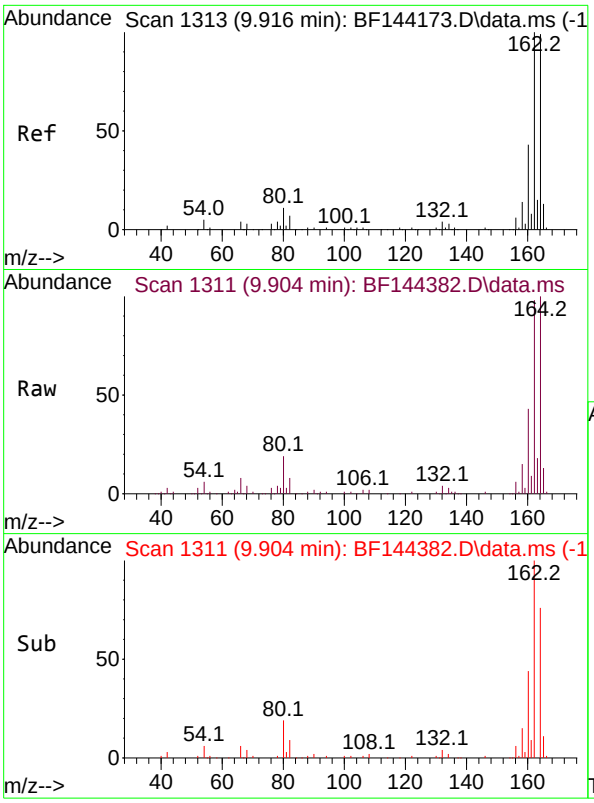



#38
1-Methylnaphthalene
Concen: 38.593 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:142 Resp: 261880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 72.1 | 108.1 |

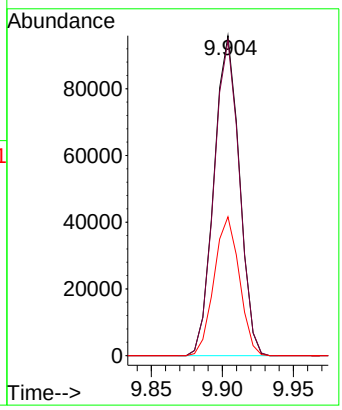





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:164 Resp: 11929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.4 | 81.1 | 121.7 |
| 160 | 43.4 | 34.5 | 51.7 |

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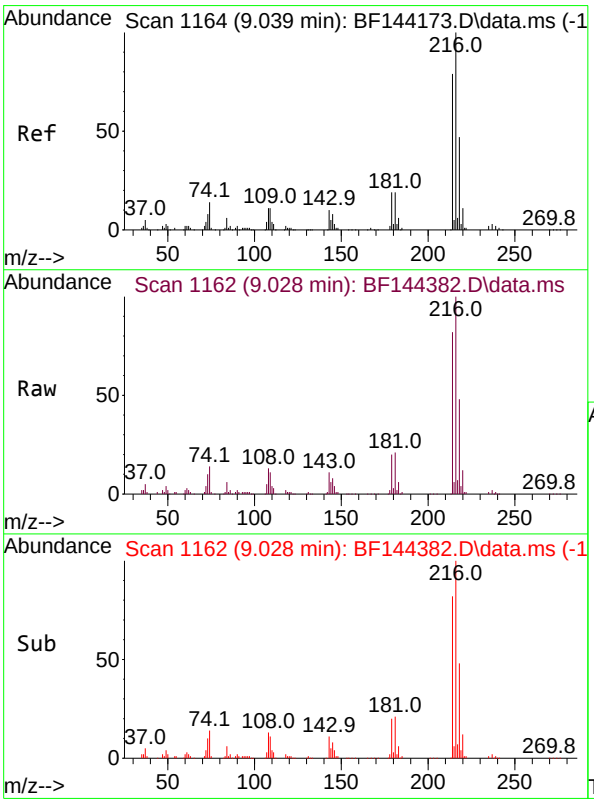
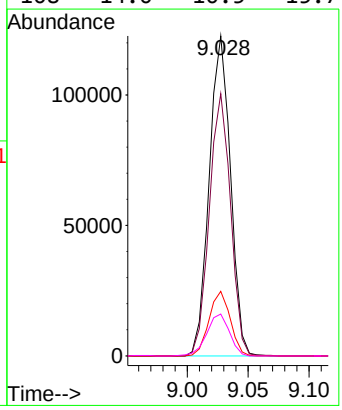
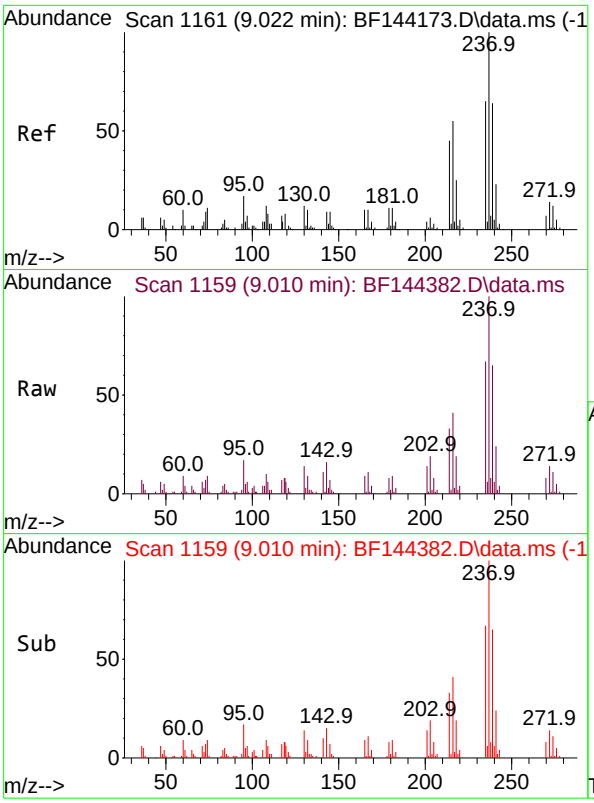



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.194 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:216 Resp: 149328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 81.8 | 63.4 | 95.2 |
| 179 | 20.1 | 15.0 | 22.4 |
| 108 | 14.0 | 10.5 | 15.7 |

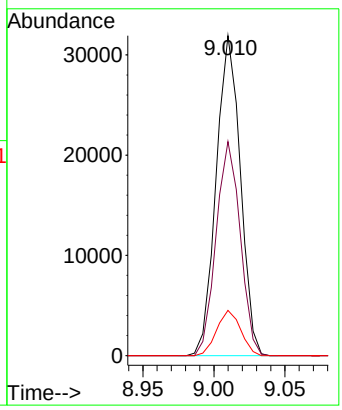





#41
Hexachlorocyclopentadiene
Concen: 33.548 ng
RT: 9.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:237 Resp: 3780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 66.9 | 45.5 | 85.5 |
| 272 | 14.1 | 0.0 | 33.5 |




**Instrument :**
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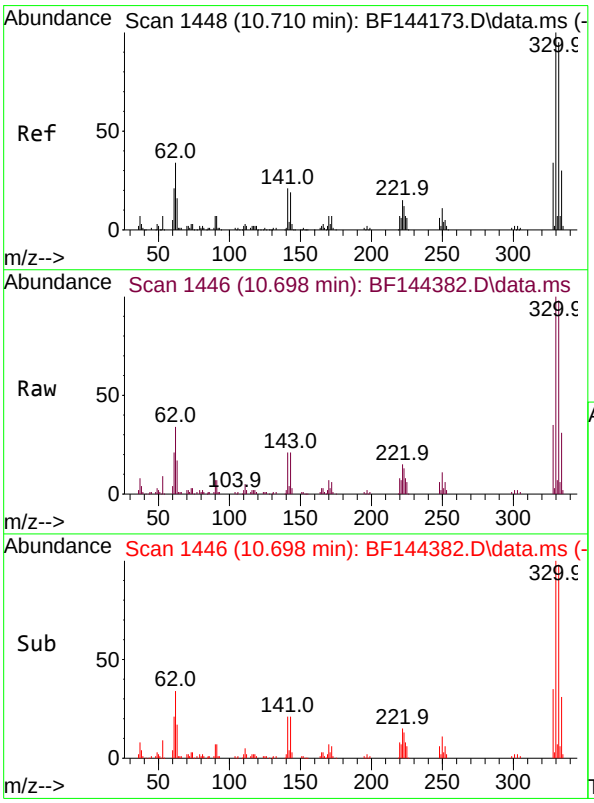
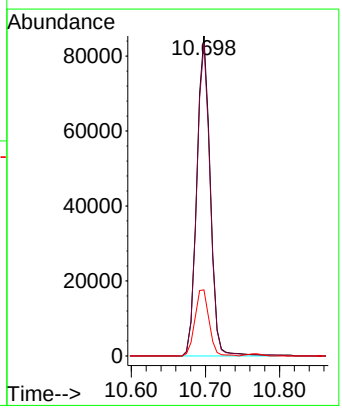
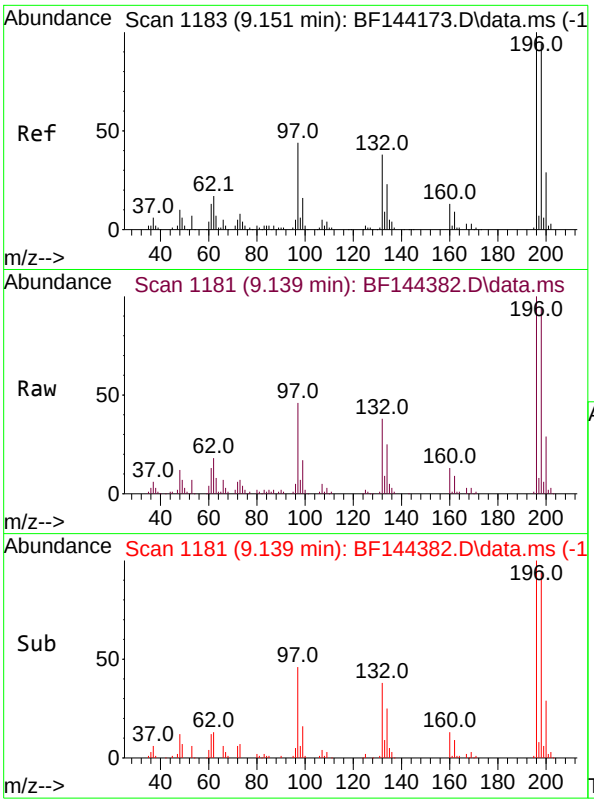



#42
2,4,6-Tribromophenol
Concen: 71.675 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:330 Resp: 107298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 76.7 | 115.1 |
| 141 | 21.7 | 17.8 | 26.8 |

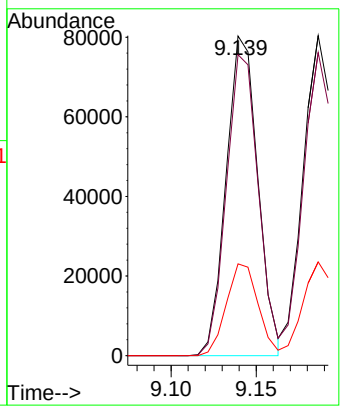





#43
2,4,6-Trichlorophenol
Concen: 39.010 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:196 Resp: 10380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 75.3 | 112.9 |
| 200 | 28.7 | 23.4 | 35.2 |




**Instrument :**
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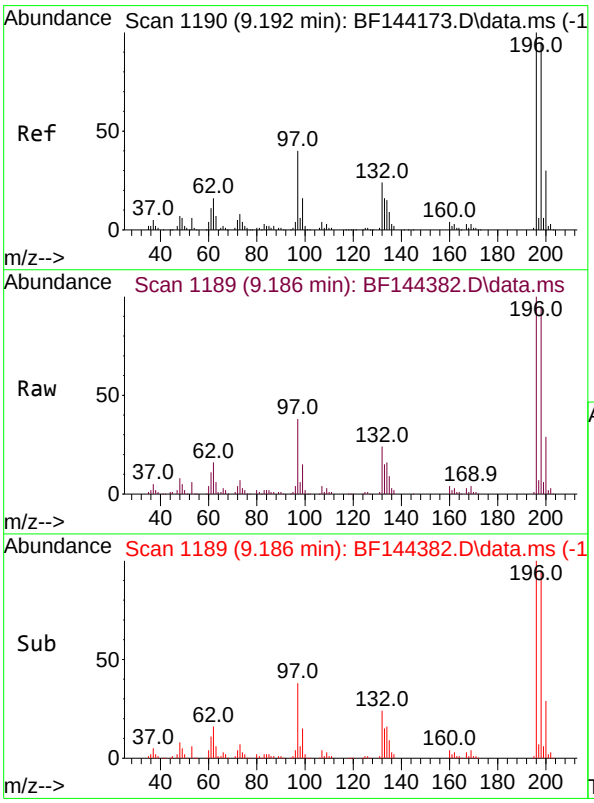
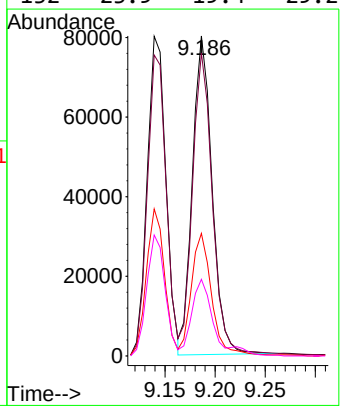
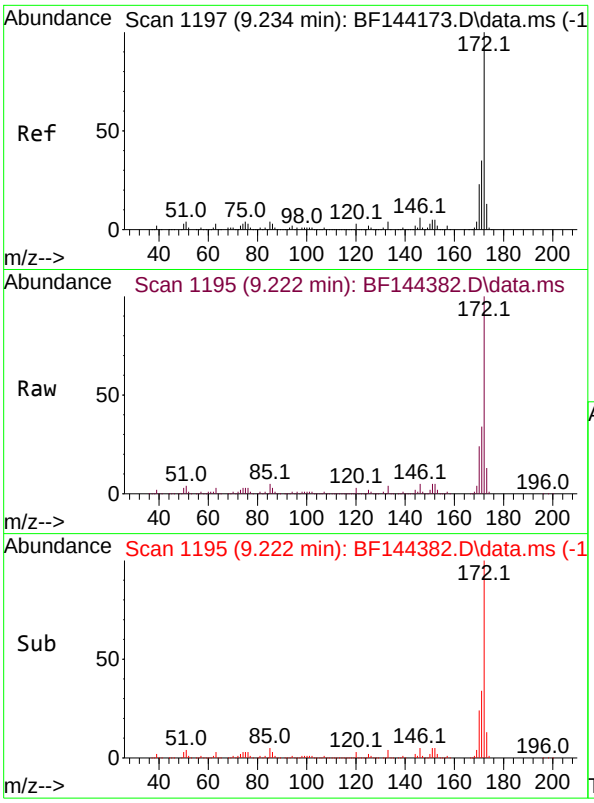



#44
2,4,5-Trichlorophenol
Concen: 38.113 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:196 Resp: 109307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.1 | 114.1 |
| 97 | 38.3 | 31.9 | 47.9 |
| 132 | 23.9 | 19.4 | 29.2 |

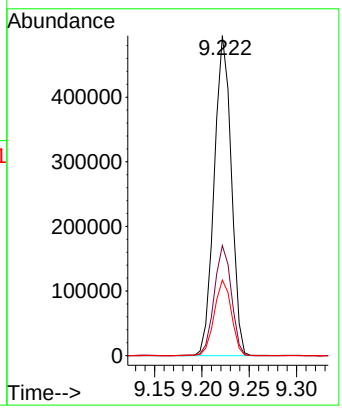





#45
2-Fluorobiphenyl
Concen: 77.086 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:172 Resp: 62264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.1 | 42.1 |
| 170 | 23.6 | 18.6 | 28.0 |




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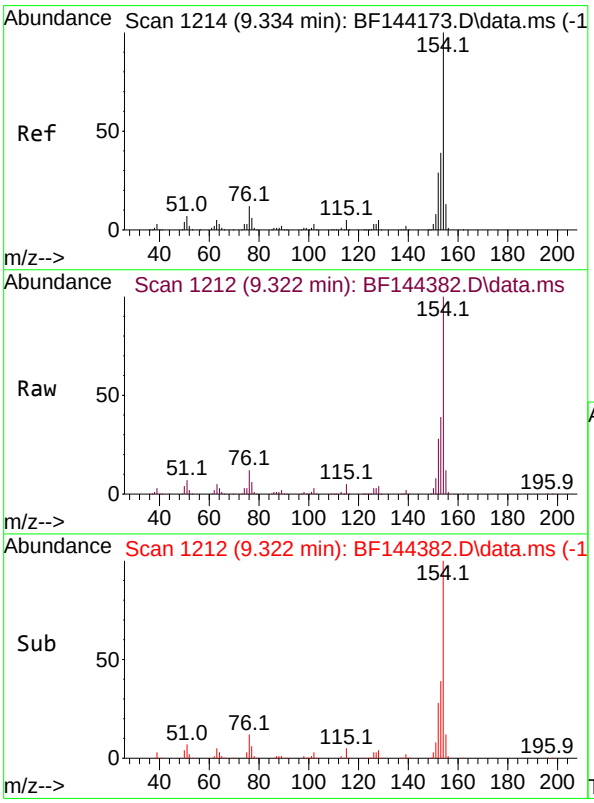
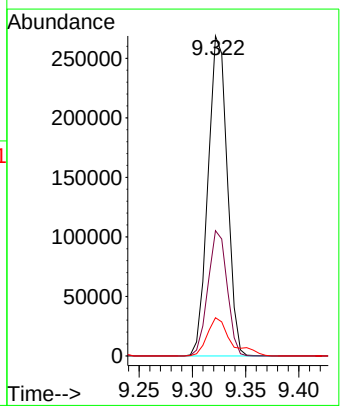
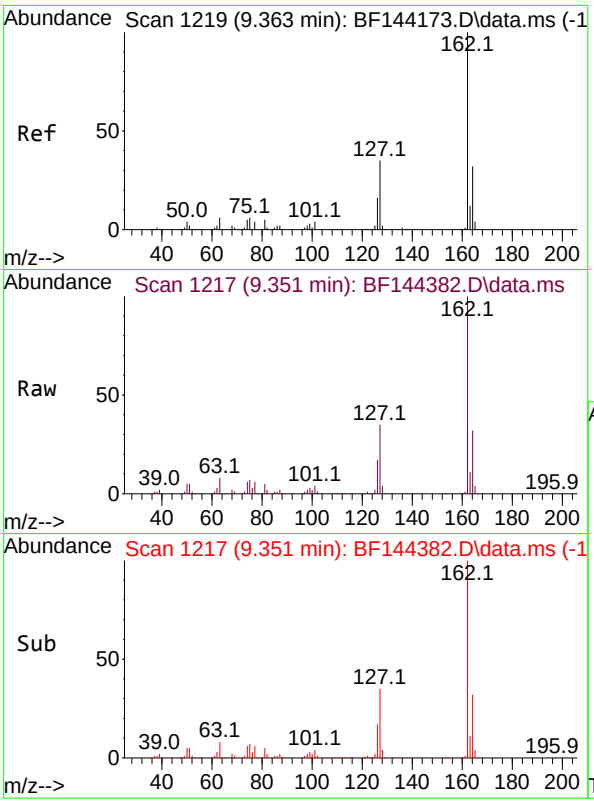



#46
1,1'-Biphenyl
Concen: 40.510 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:154 Resp: 337329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.1 | 19.2 | 59.2 |
| 76 | 11.9 | 0.0 | 31.8 |

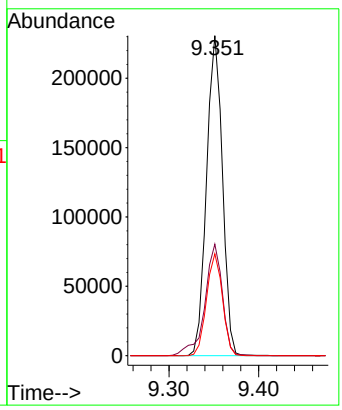





#47
2-Chloronaphthalene
Concen: 40.052 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:162 Resp: 28449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 34.8 | 28.8 | 43.2 |
| 164 | 31.8 | 25.8 | 38.8 |




**Instrument :**
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SSTDCCC040

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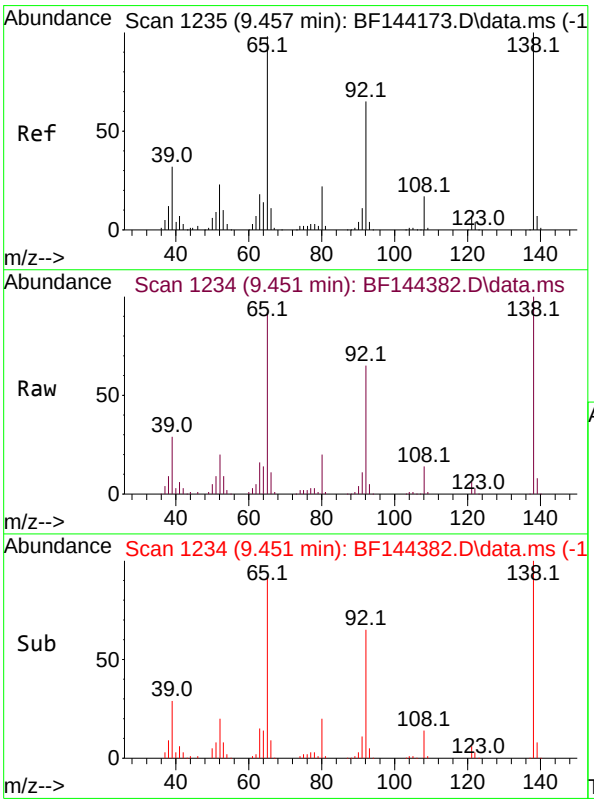
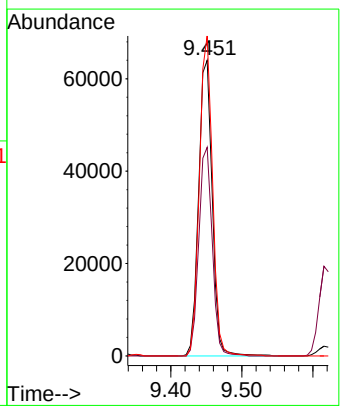
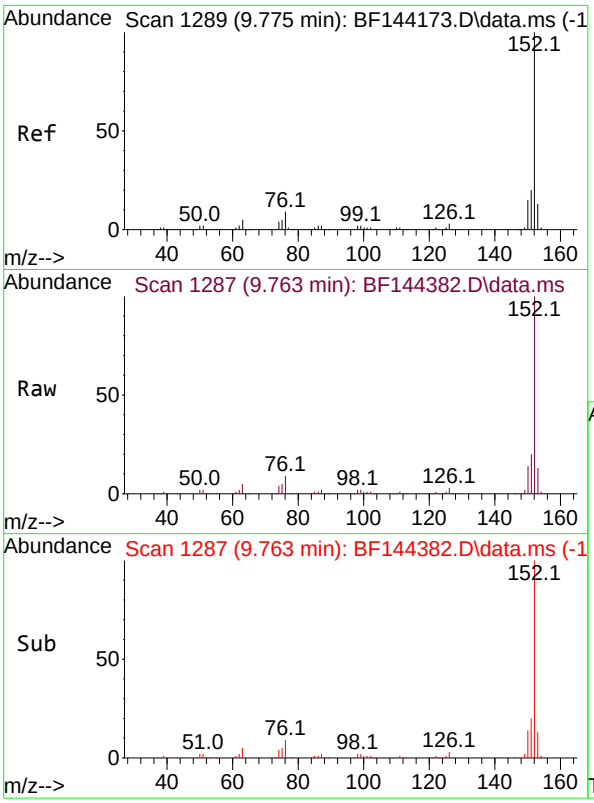



#48
2-Nitroaniline
Concen: 41.348 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion: 65 Resp: 84742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.6 | 53.0 | 79.6 |
| 138 | 108.2 | 81.6 | 122.4 |

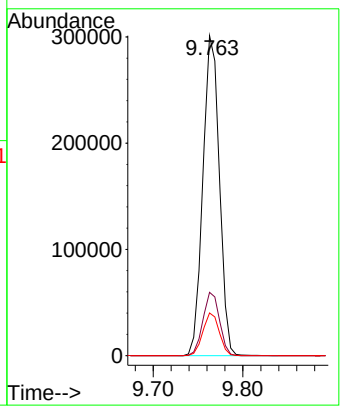





#49
Acenaphthylene
Concen: 39.682 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:152 Resp: 384106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.3 | 10.5 | 15.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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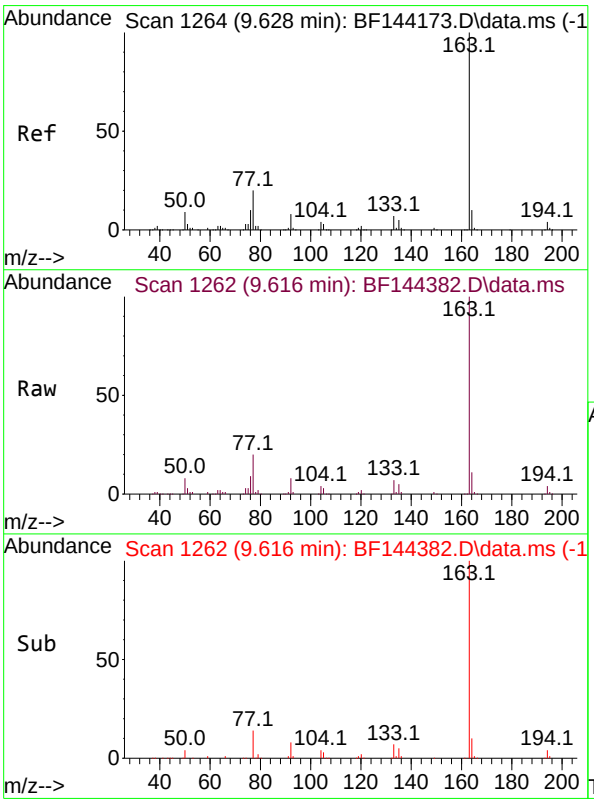
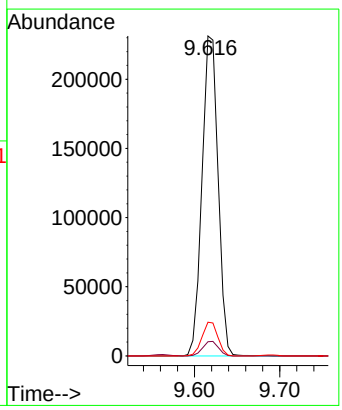
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

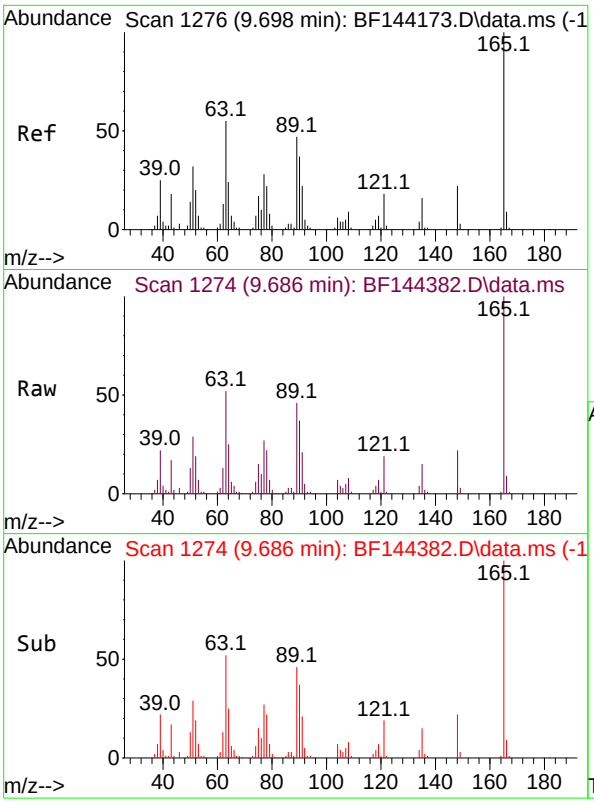



#50
Dimethylphthalate
Concen: 38.352 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:163 Resp: 303102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.3 | 4.9 |
| 164 | 10.5 | 8.1 | 12.1 |

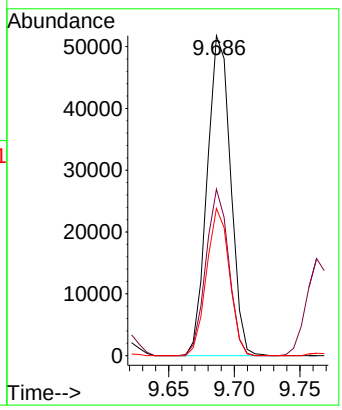





#51
2,6-Dinitrotoluene
Concen: 40.149 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:165 Resp: 6423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.0 | 43.8 | 65.8 |
| 89 | 46.0 | 37.5 | 56.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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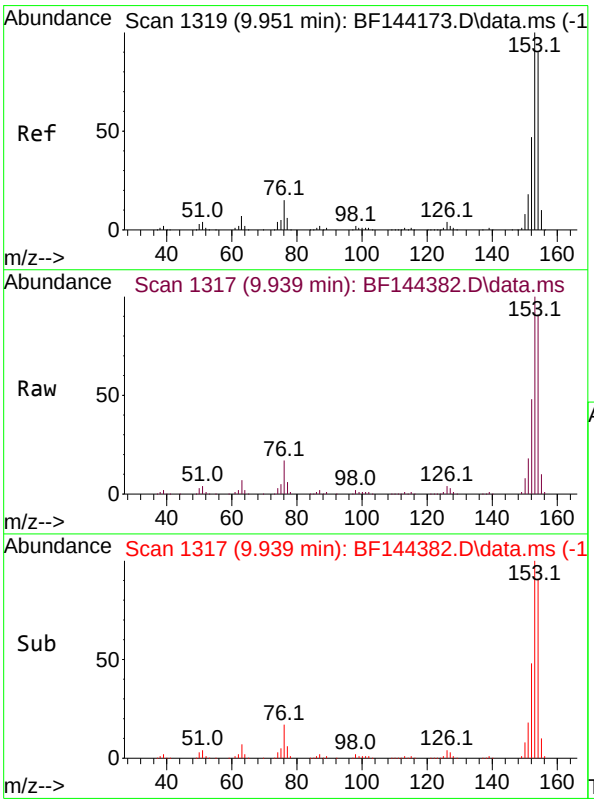
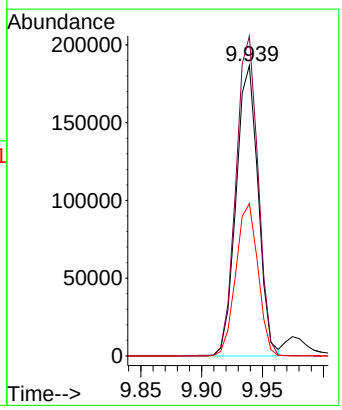
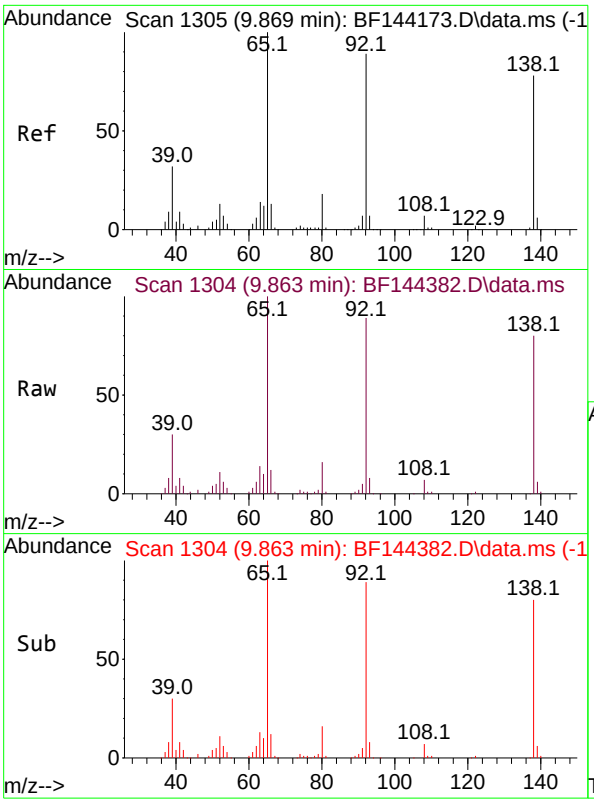



#52
Acenaphthene
Concen: 36.418 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:154 Resp: 235733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.2 | 89.0 | 133.4 |
| 152 | 52.4 | 42.2 | 63.4 |

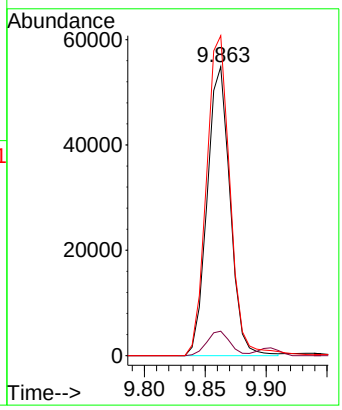





#53
3-Nitroaniline
Concen: 41.041 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:138 Resp: 7177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 8.5 | 7.5 | 11.3 |
| 92 | 110.8 | 91.8 | 137.6 |




**Instrument :**
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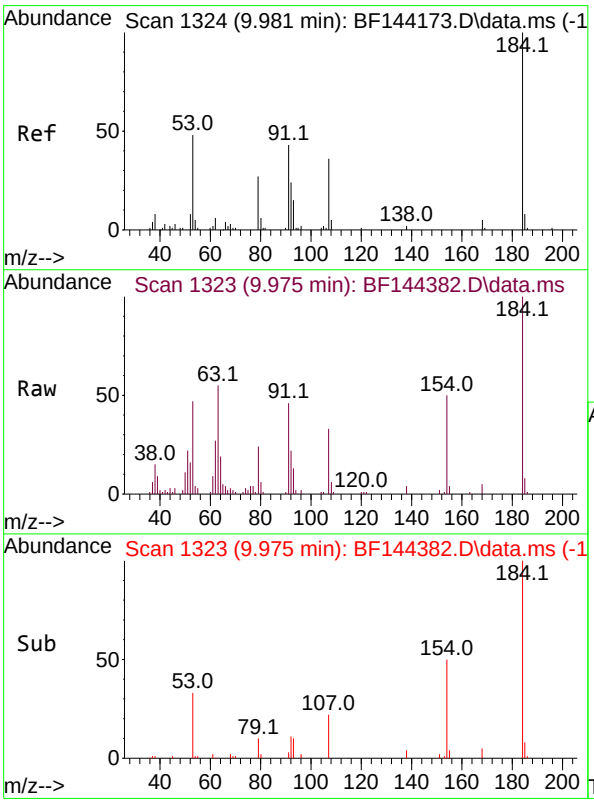
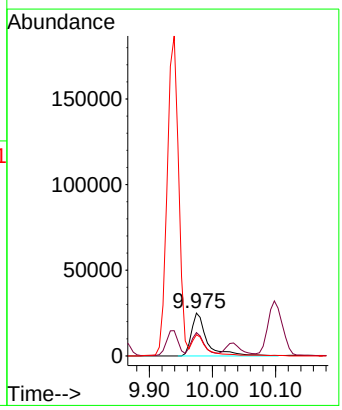
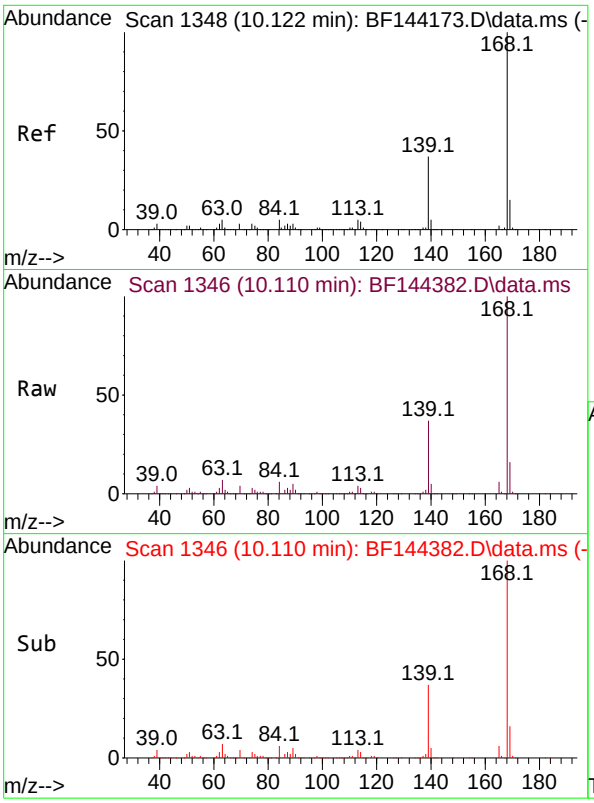



#54
2,4-Dinitrophenol
Concen: 44.283 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:184 Resp: 42780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 54.5 | 44.0 | 66.0 |
| 154 | 49.7 | 42.4 | 63.6 |

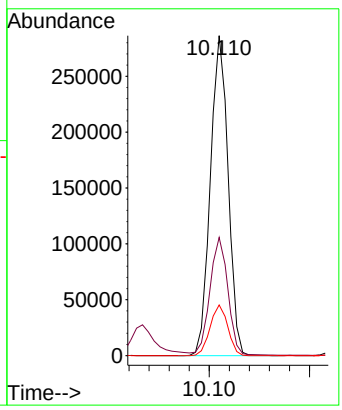





#55
Dibenzofuran
Concen: 38.799 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:168 Resp: 351740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.9 | 30.2 | 45.2 |
| 169 | 15.8 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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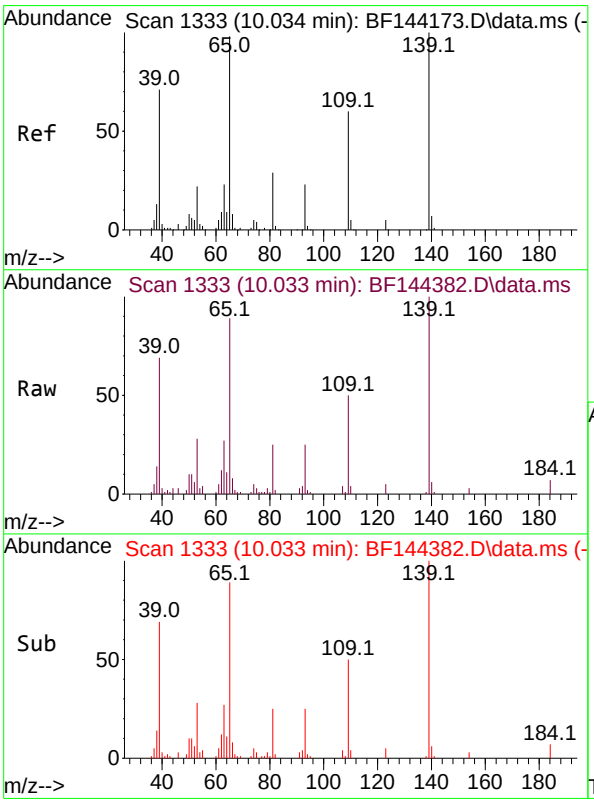
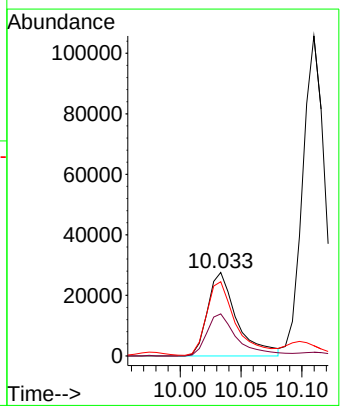
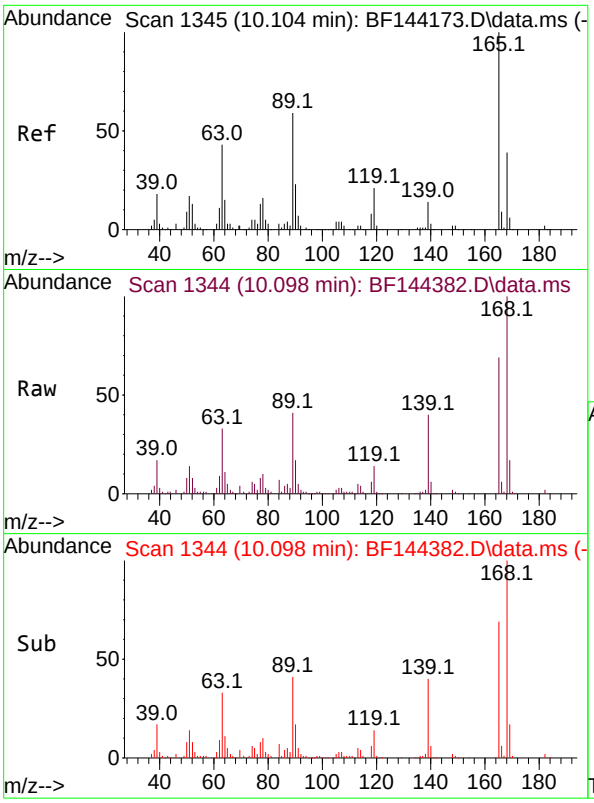



#56
4-Nitrophenol
Concen: 36.354 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:139 Resp: 45990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 50.3 | 39.9 | 79.9 |
| 65 | 88.9 | 79.5 | 119.5 |

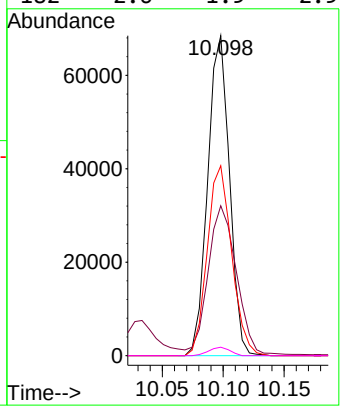





#57
2,4-Dinitrotoluene
Concen: 39.752 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:165 Resp: 8513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.8 | 35.5 | 53.3 |
| 89 | 59.3 | 47.4 | 71.2 |
| 182 | 2.6 | 1.9 | 2.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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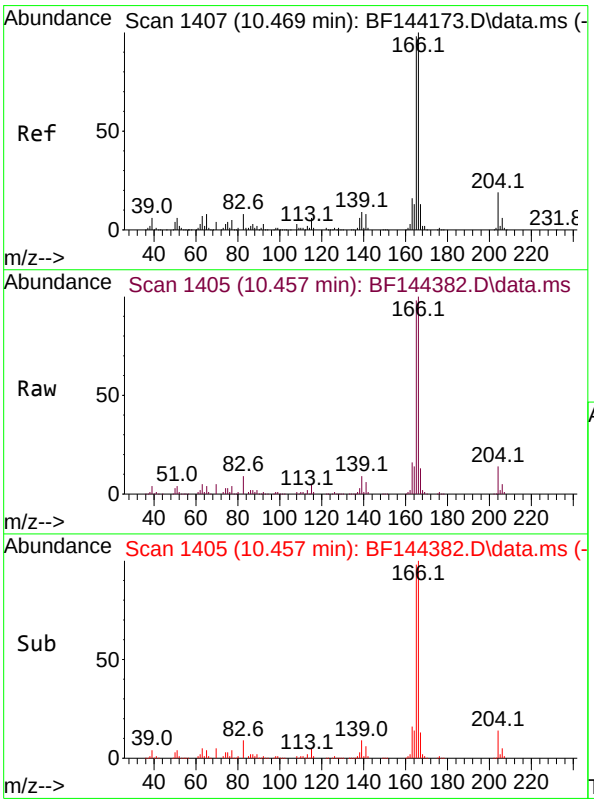
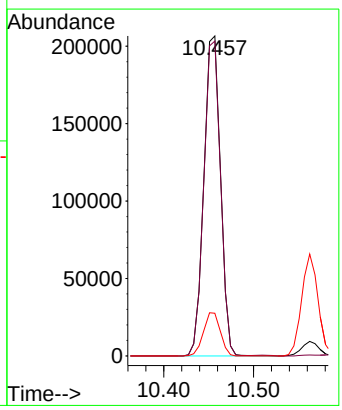
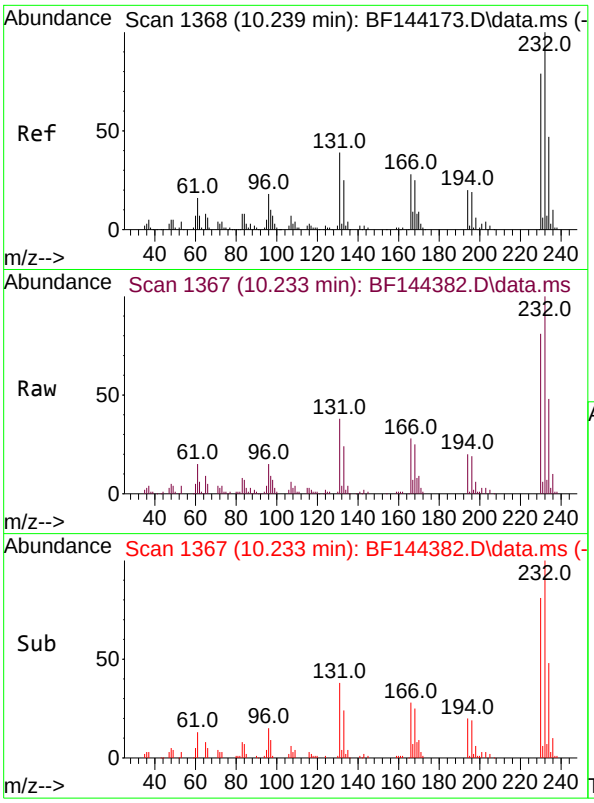



#58
Fluorene
Concen: 38.659 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:166 Resp: 266464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 78.6 | 118.0 |
| 167 | 13.3 | 10.4 | 15.6 |

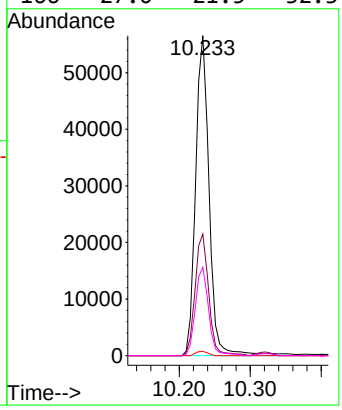





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.576 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:232 Resp: 7421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.2 | 30.3 | 45.5 |
| 130 | 1.2 | 1.2 | 1.8# |
| 166 | 27.0 | 21.5 | 32.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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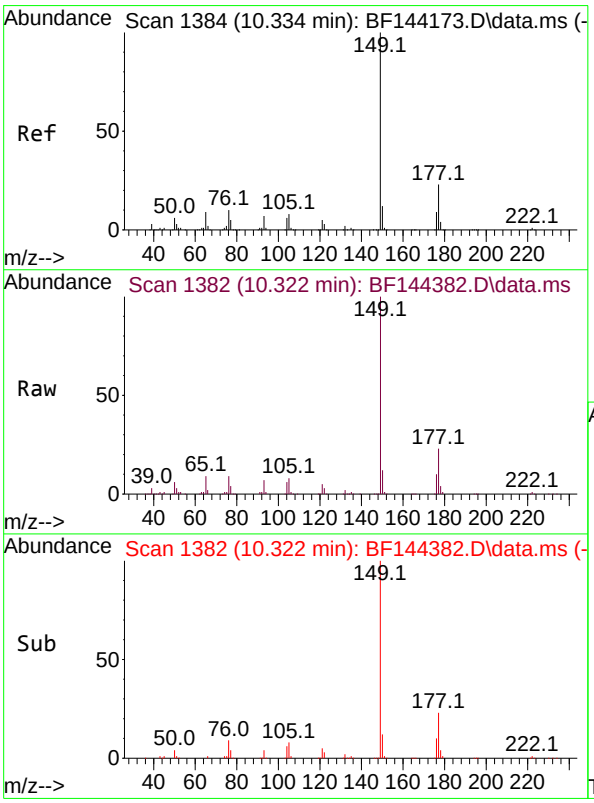
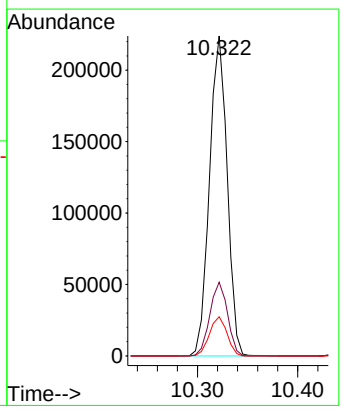
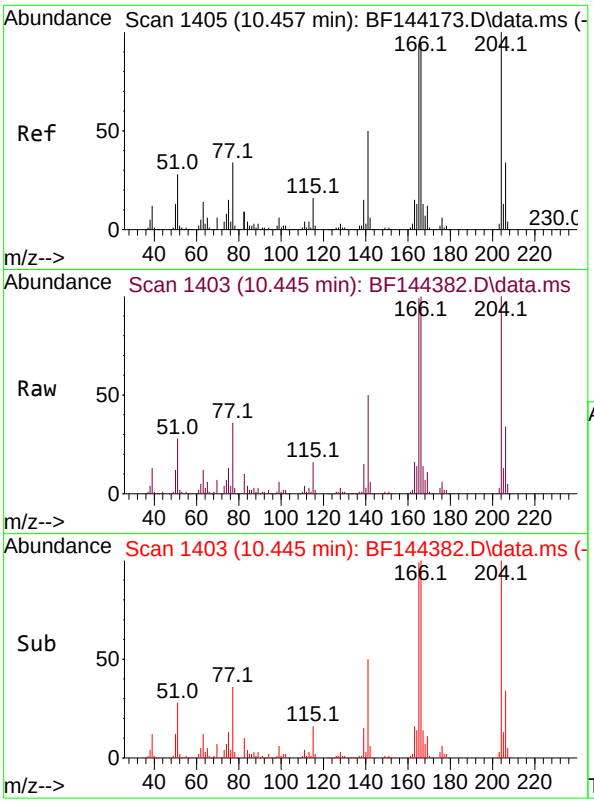



#60
Diethylphthalate
Concen: 37.635 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:149 Resp: 274187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.0 | 18.3 | 27.5 |
| 150 | 12.2 | 9.8 | 14.6 |






#61
4-Chlorophenyl-phenylether
Concen: 37.599 ng
RT: 10.445 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 14762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 27.4 | 41.2 |
| 141 | 50.2 | 40.0 | 60.0 |

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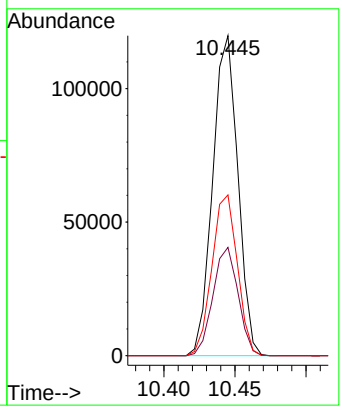
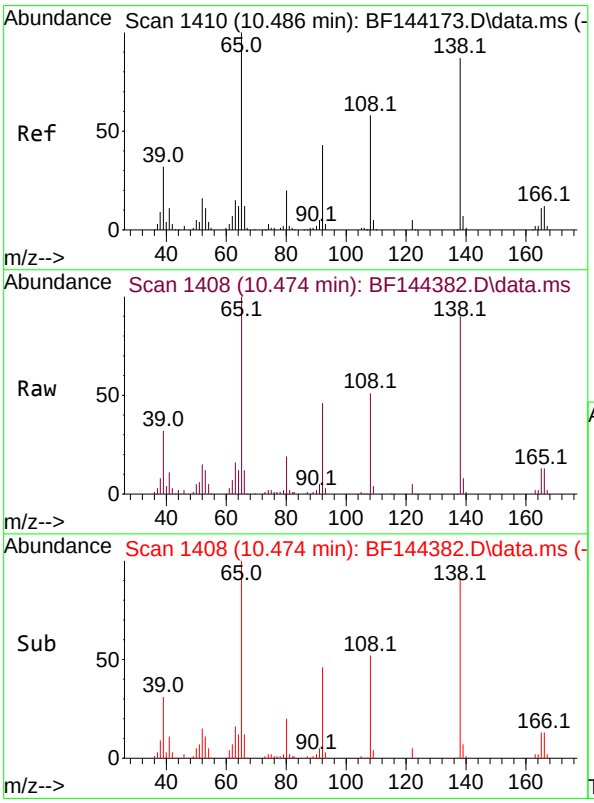
Supervised By :mohammad ahmed 12/03/2025

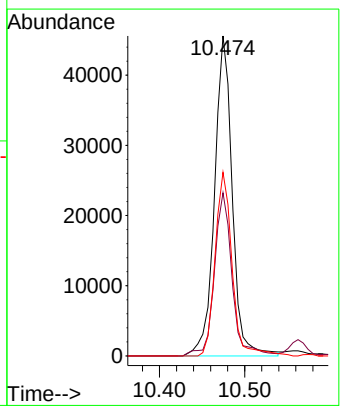


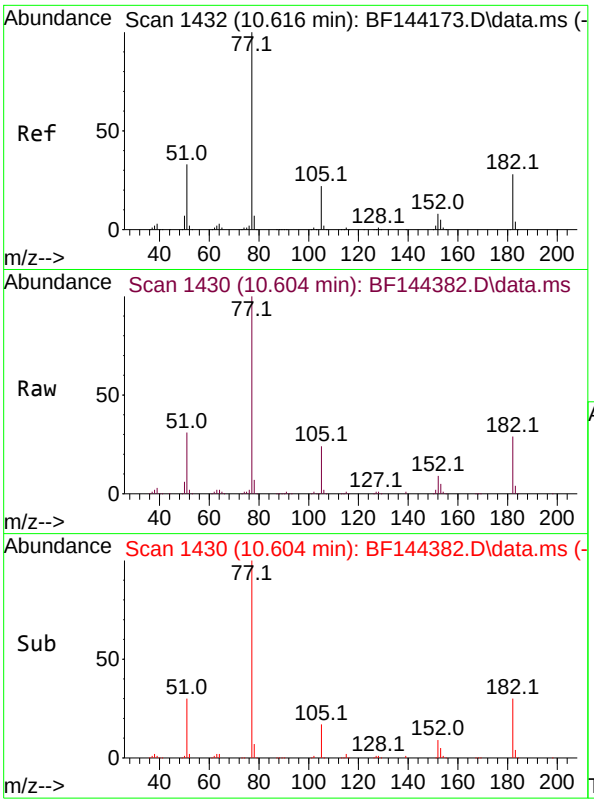




#62
4-Nitroaniline
Concen: 39.617 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:138 Resp: 65981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.0 | 29.4 | 69.4 |
| 108 | 57.4 | 46.4 | 86.4 |






#63
Azobenzene
Concen: 39.510 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 26788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.3 | 8.1 | 48.1 |
| 105 | 23.6 | 2.0 | 42.0 |
| 51 | 31.2 | 13.9 | 53.9 |

**Manual Integrations**
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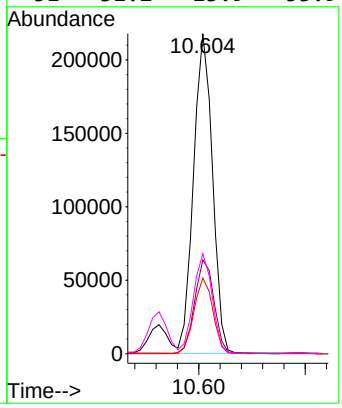
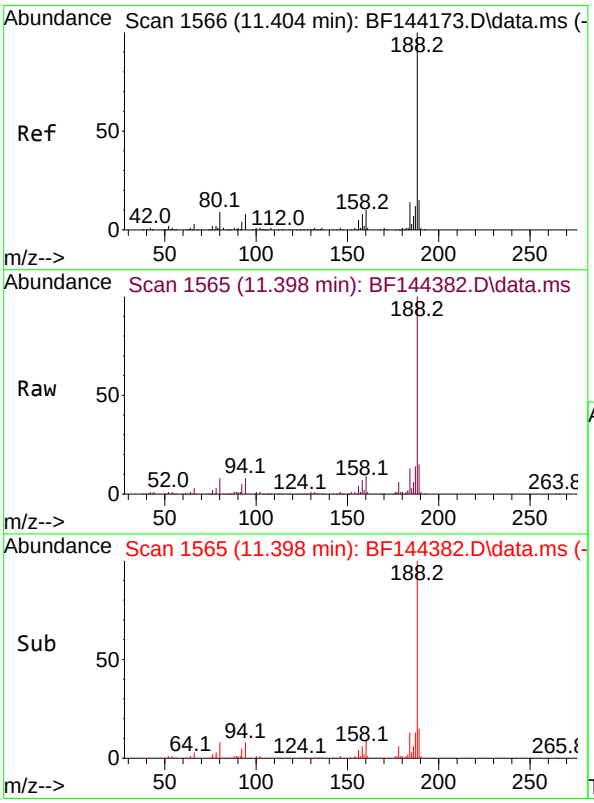
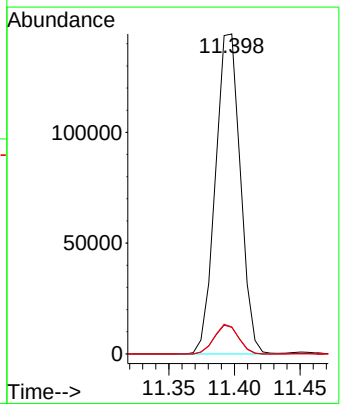


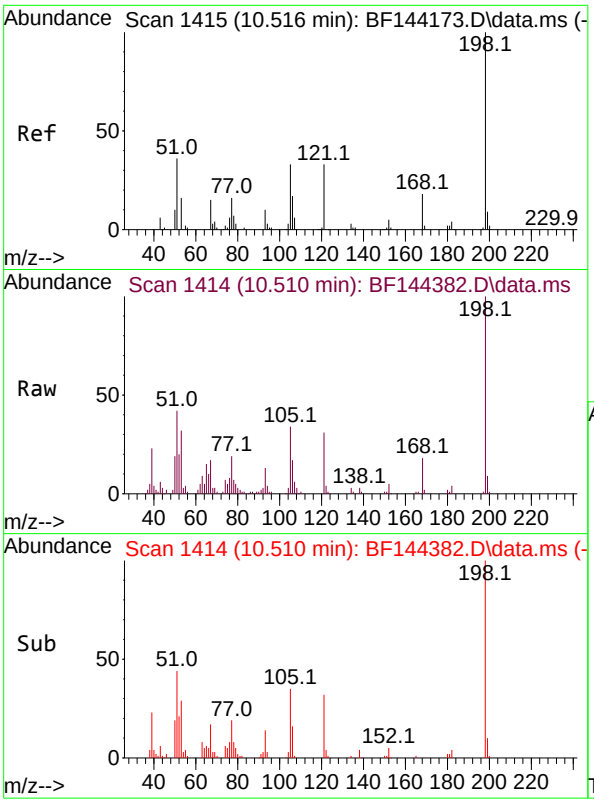




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:188 Resp: 191565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 6.2 | 9.2 |
| 80 | 8.4 | 6.9 | 10.3 |

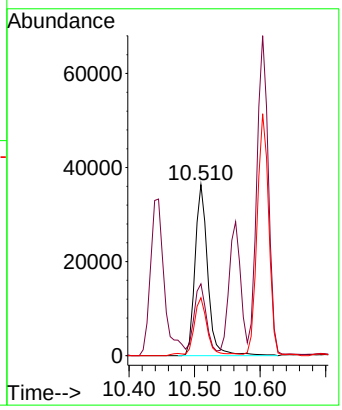





#65
4,6-Dinitro-2-methylphenol
Concen: 37.488 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:198 Resp: 4878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.0 | 25.6 | 65.6 |
| 105 | 33.8 | 14.6 | 54.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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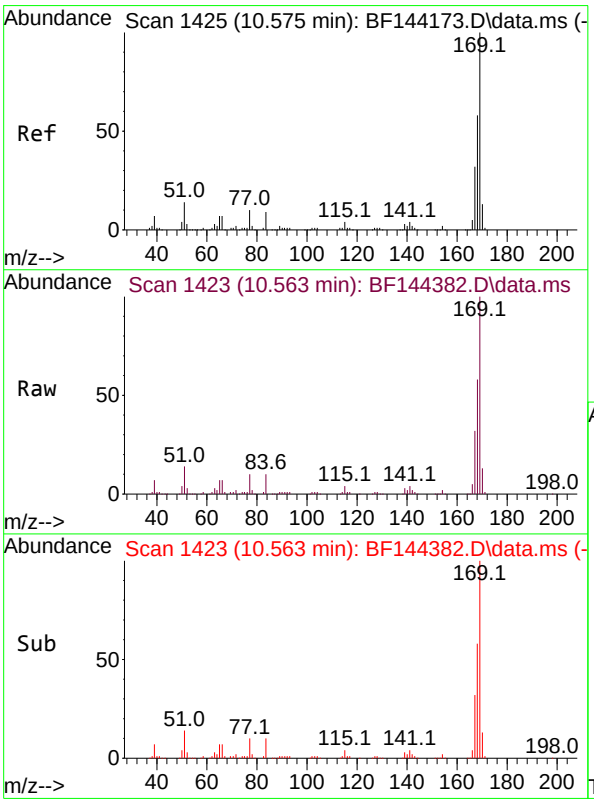
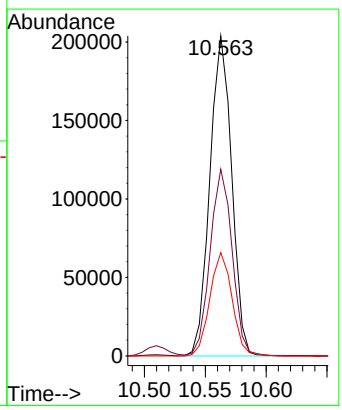
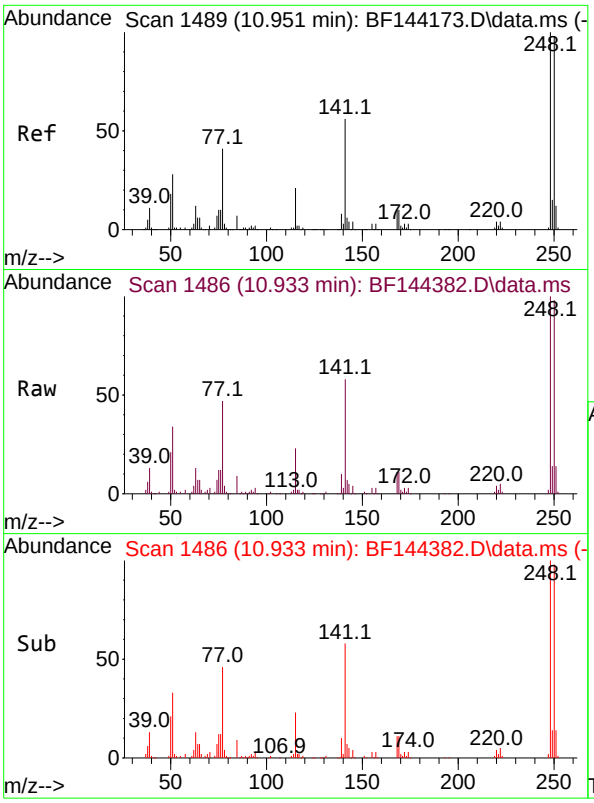



#66
n-Nitrosodiphenylamine
Concen: 41.324 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:169 Resp: 254610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 58.3 | 46.2 | 69.2 |
| 167 | 32.3 | 25.7 | 38.5 |

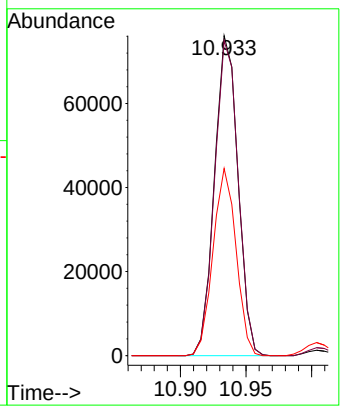





#67
4-Bromophenyl-phenylether
Concen: 38.784 ng
RT: 10.933 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:248 Resp: 9483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.4 | 78.4 | 117.6 |
| 141 | 58.5 | 45.1 | 67.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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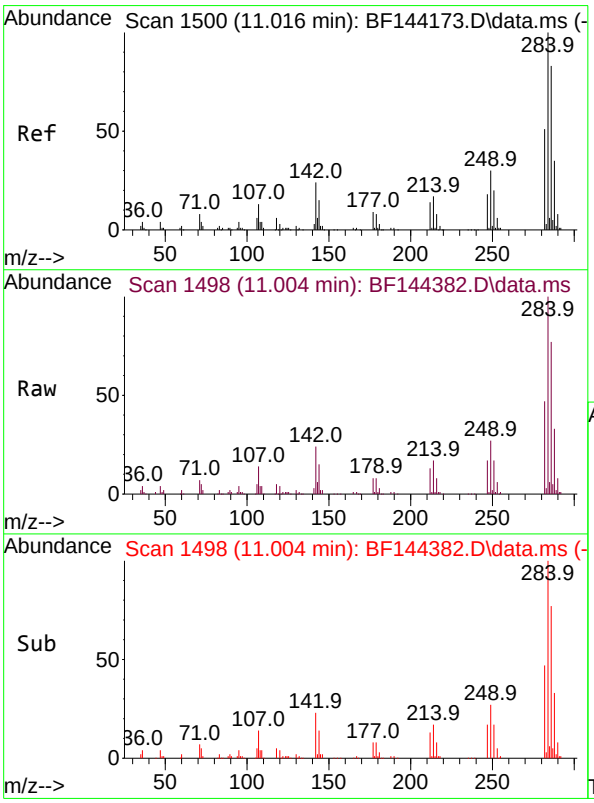
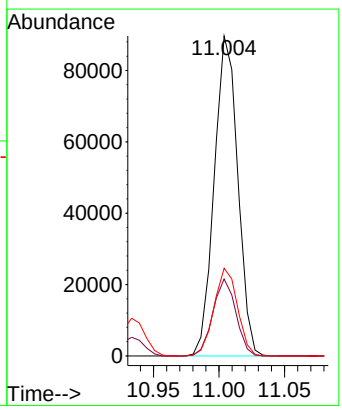
Supervised By :mohammad ahmed 12/03/2025

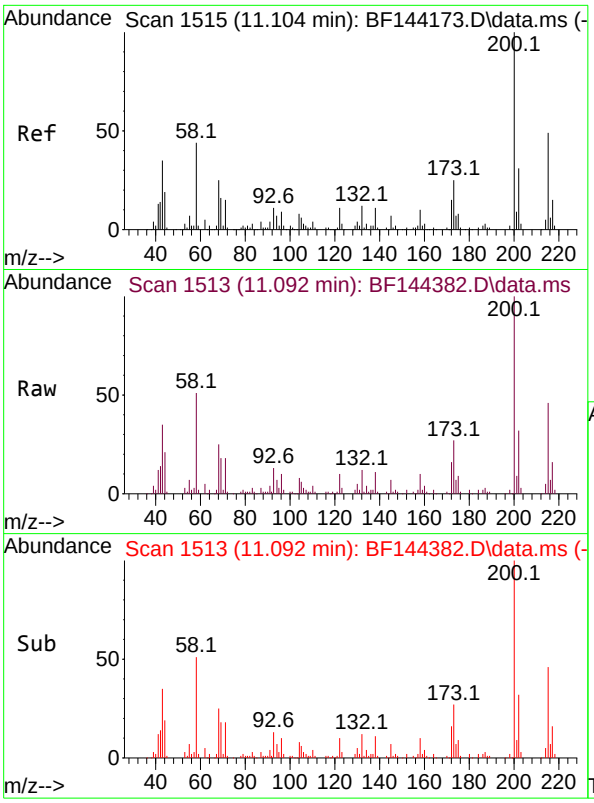



#68
Hexachlorobenzene
Concen: 38.875 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:284 Resp: 111963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.0 | 19.2 | 28.8 |
| 249 | 27.4 | 23.8 | 35.8 |

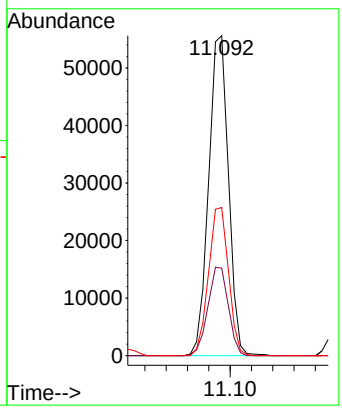





#69
Atrazine
Concen: 36.716 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:200 Resp: 7194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.3 | 5.0 | 45.0 |
| 215 | 46.3 | 28.7 | 68.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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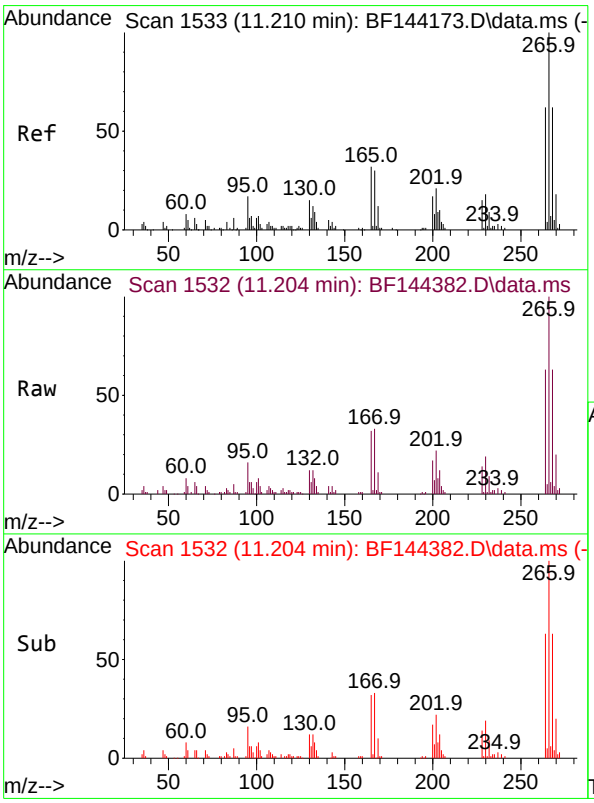
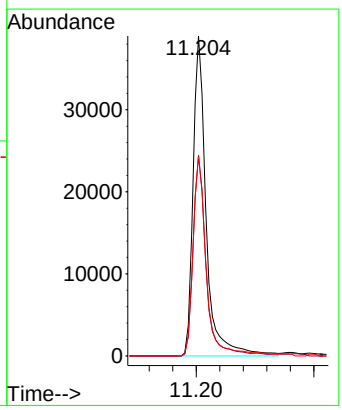
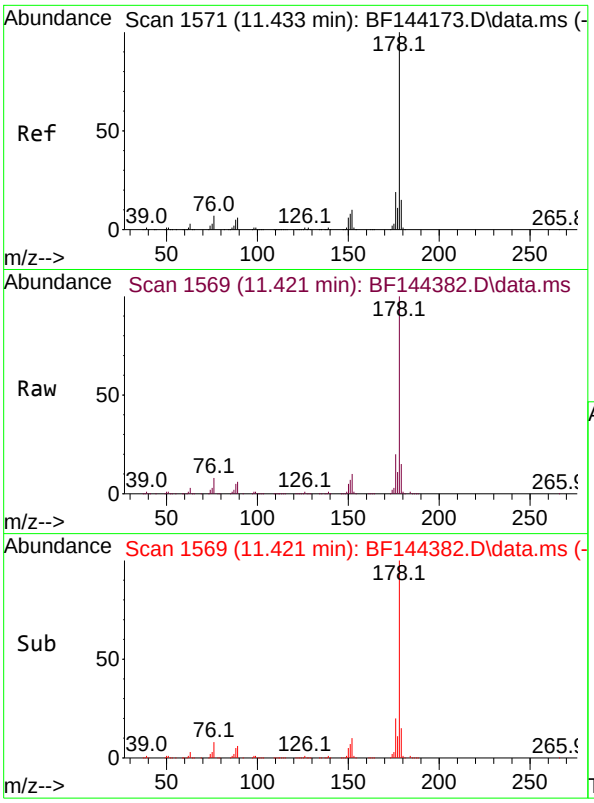



#70
Pentachlorophenol
Concen: 42.160 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:266 Resp: 60464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.6 | 49.5 | 74.3 |
| 264 | 62.7 | 49.4 | 74.2 |

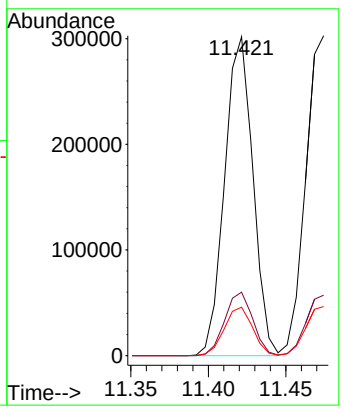





#71
Phenanthrene
Concen: 40.206 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:178 Resp: 38347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.5 | 23.3 |
| 179 | 15.2 | 12.2 | 18.4 |




**Instrument :**
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**ClientSampleId :**
SSTDCCC040

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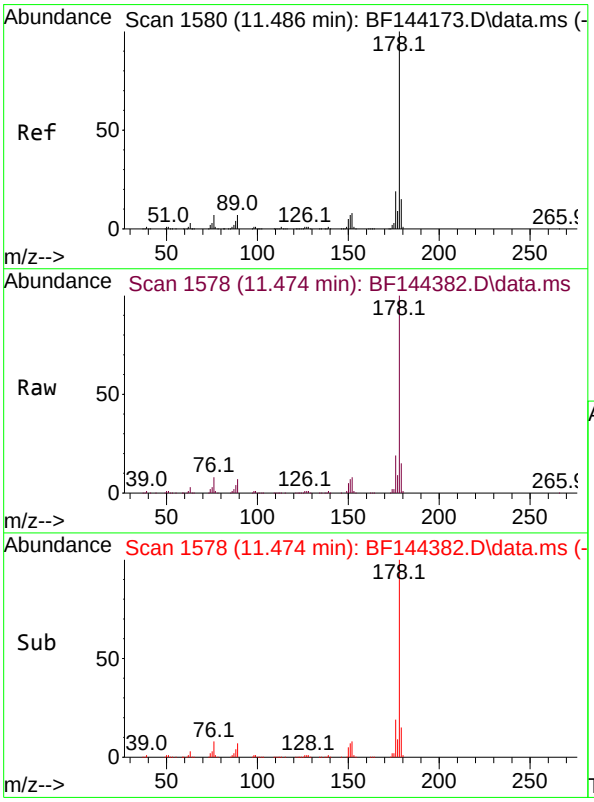
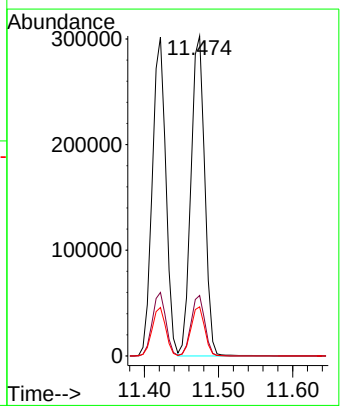
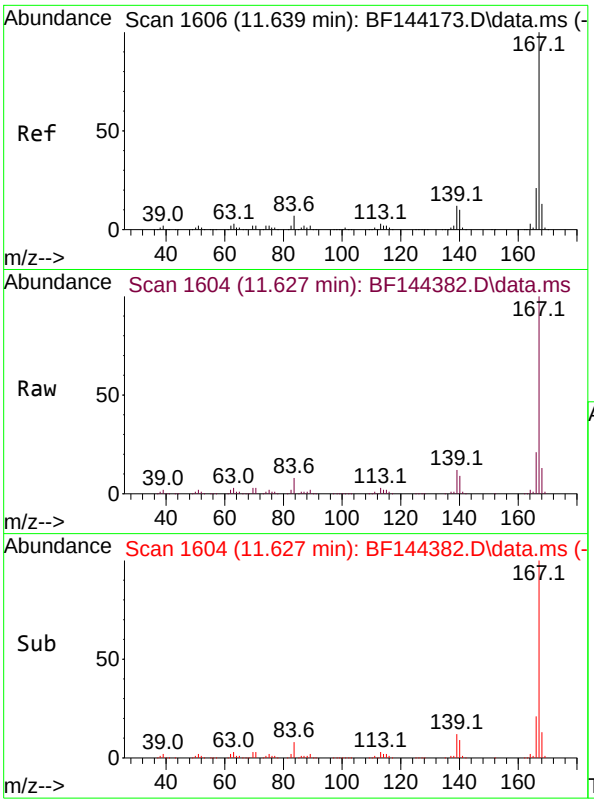



#72
Anthracene
Concen: 40.207 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:178 Resp: 389942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.3 | 22.9 |
| 179 | 15.3 | 12.0 | 18.0 |

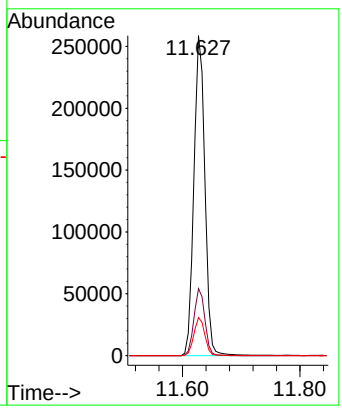





#73
Carbazole
Concen: 40.741 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:167 Resp: 33598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 17.2 | 25.8 |
| 139 | 11.9 | 9.9 | 14.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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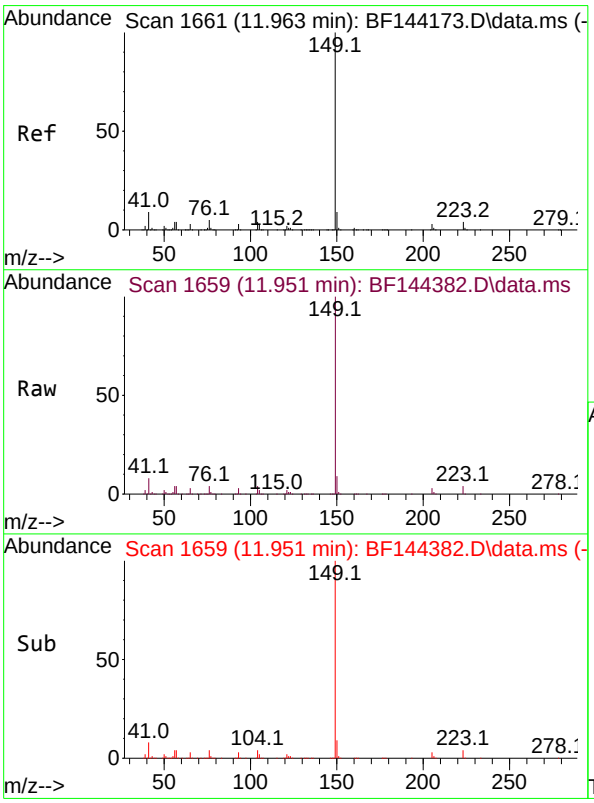
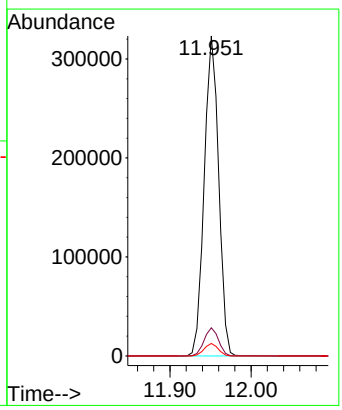
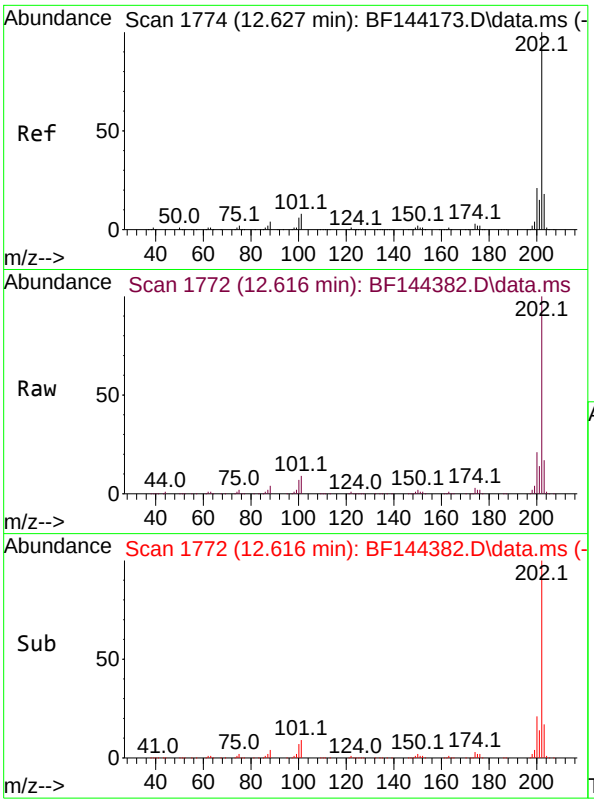



#74
Di-n-butylphthalate
Concen: 40.101 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:149 Resp: 399779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.4 | 11.0 |
| 104 | 3.9 | 3.4 | 5.2 |

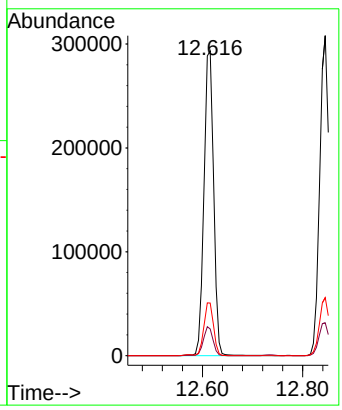





#75
Fluoranthene
Concen: 39.973 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:202 Resp: 39383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.7 | 0.0 | 27.9 |
| 203 | 17.3 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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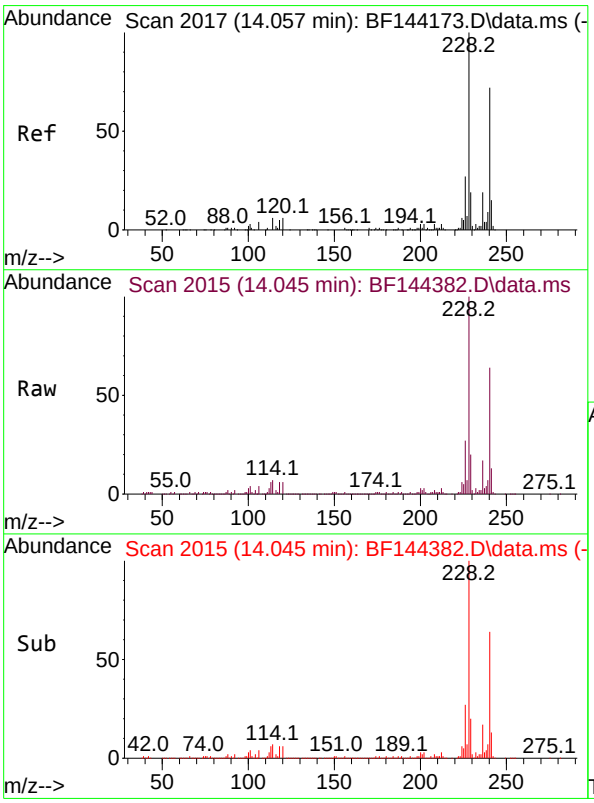
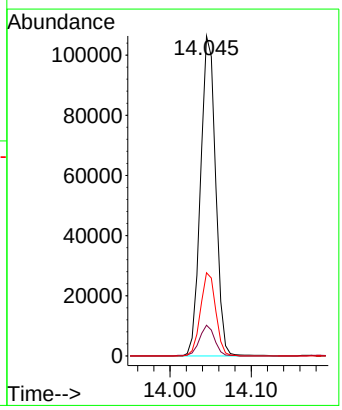
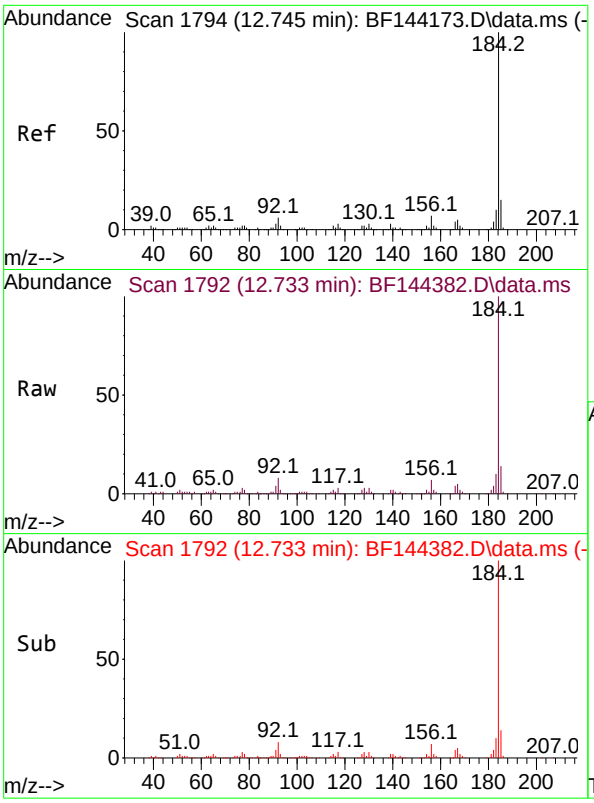



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:240 Resp: 137289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 6.6 | 10.0 |
| 236 | 26.0 | 21.4 | 32.2 |

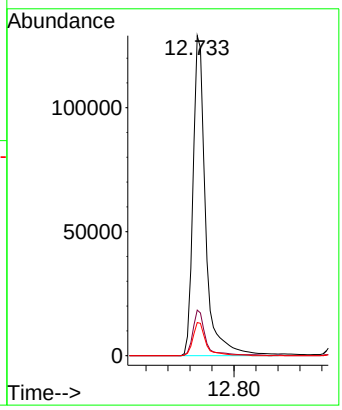





#77
Benzidine
Concen: 50.659 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:184 Resp: 20572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.7 | 17.5 |
| 183 | 10.3 | 8.3 | 12.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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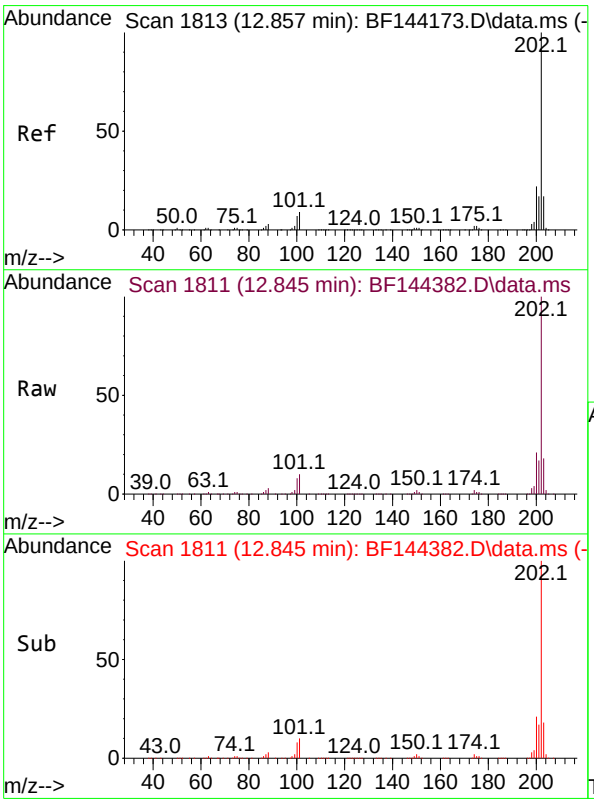
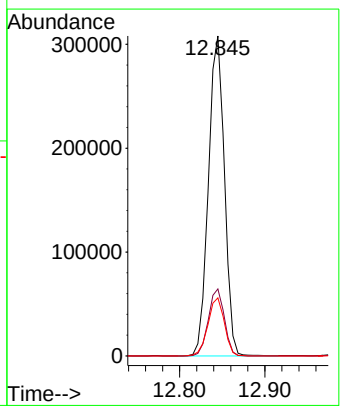
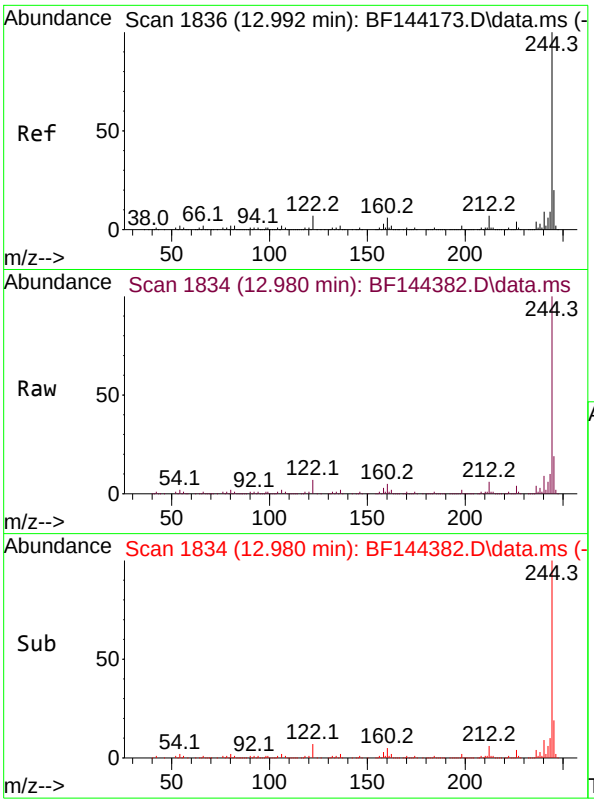



#78
Pyrene
Concen: 36.313 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:202 Resp: 401965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 17.2 | 25.8 |
| 203 | 18.1 | 13.7 | 20.5 |

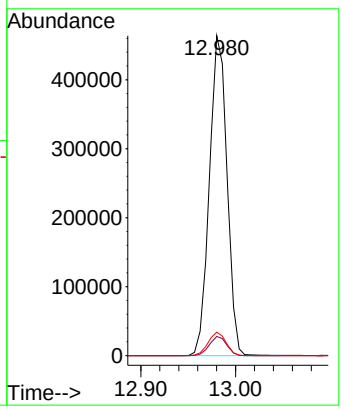





#79
Terphenyl-d14
Concen: 69.531 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:244 Resp: 600969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.0 | 5.3 | 7.9 |
| 122 | 7.3 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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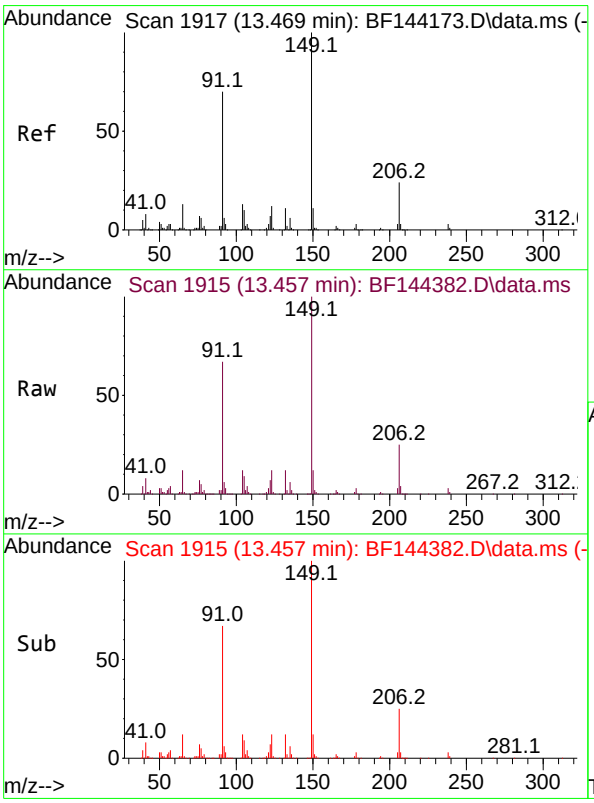
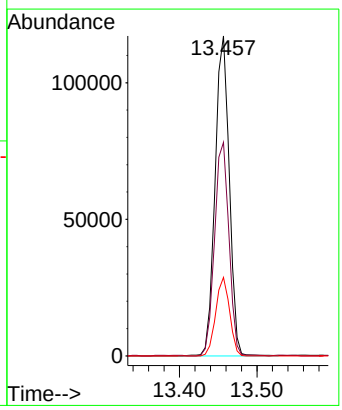
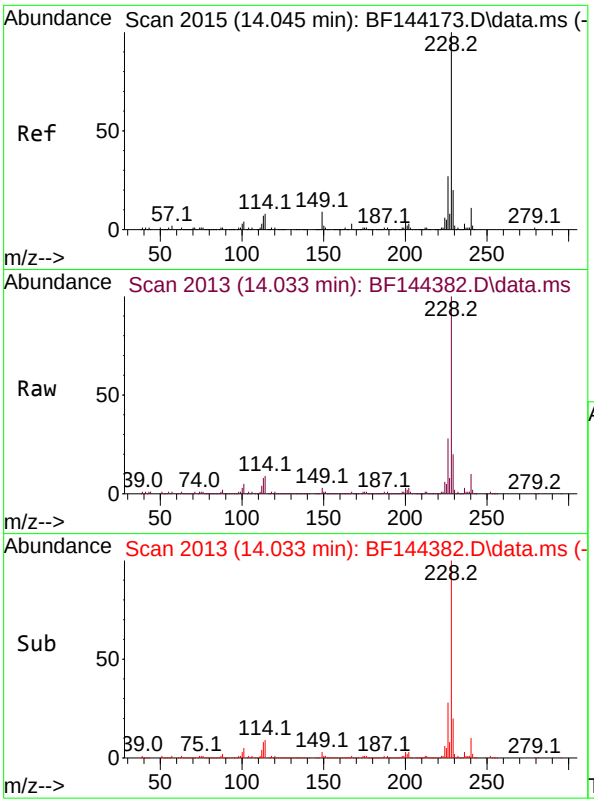



#80
Butylbenzylphthalate
Concen: 38.807 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:149 Resp: 148885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.7 | 56.1 | 84.1 |
| 206 | 24.5 | 18.8 | 28.2 |






#81
Benzo(a)anthracene
Concen: 40.805 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 38826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 21.8 | 32.8 |
| 229 | 19.9 | 15.8 | 23.6 |

**Manual Integrations**
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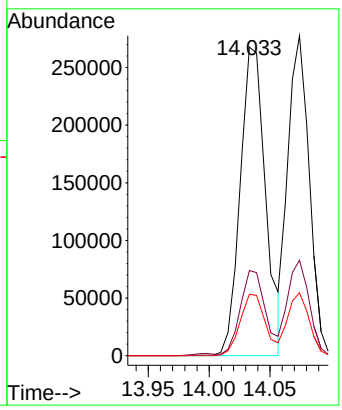
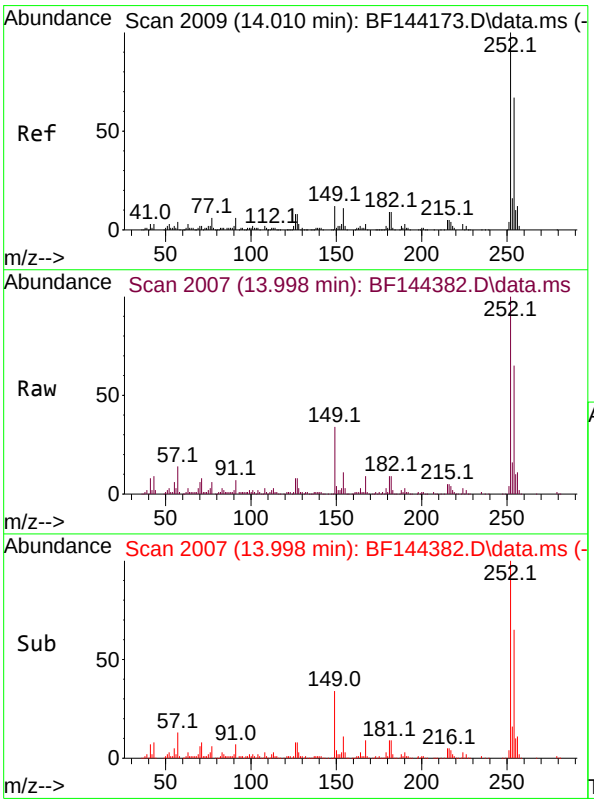
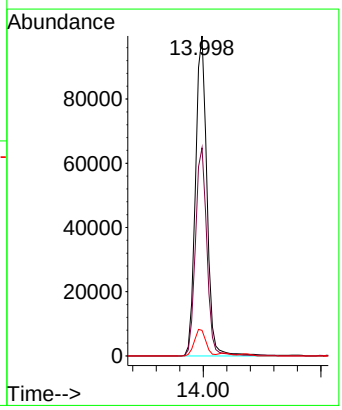


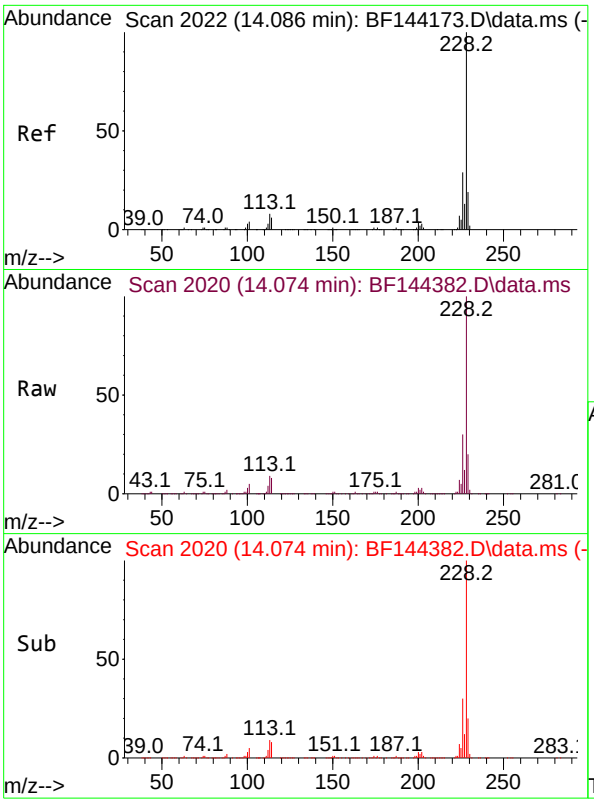




#82
3,3'-Dichlorobenzidine
Concen: 41.207 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:252 Resp: 134399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.0 | 53.5 | 80.3 |
| 126 | 8.0 | 6.4 | 9.6 |

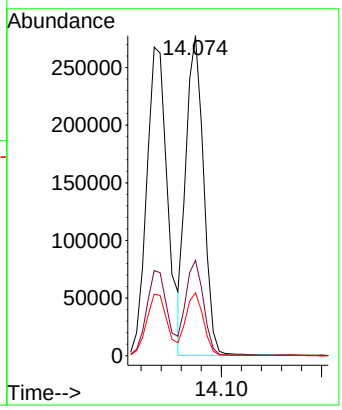





#83
Chrysene
Concen: 38.758 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:228 Resp: 340446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 22.9 | 34.3 |
| 229 | 19.6 | 15.0 | 22.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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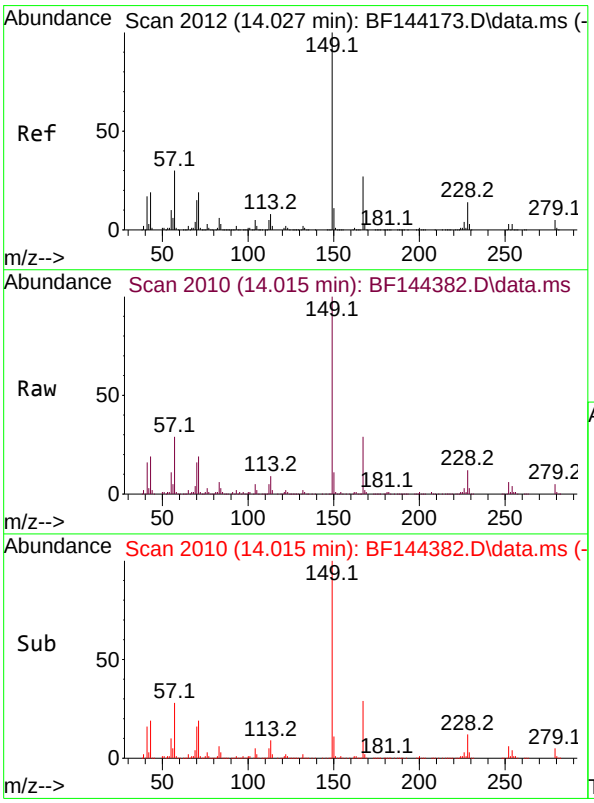
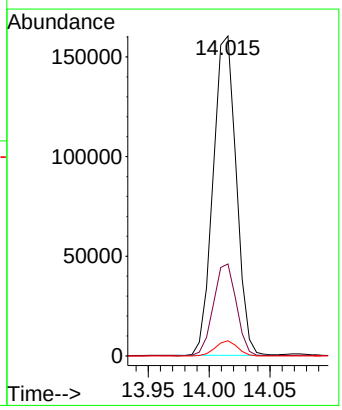
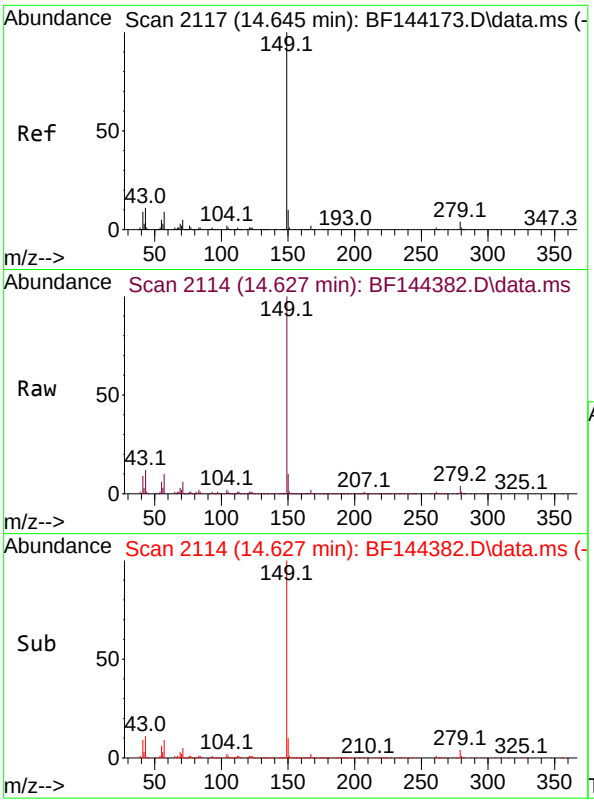



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.447 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:149 Resp: 212428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.7 | 21.8 | 32.8 |
| 279 | 4.7 | 3.7 | 5.5 |






#85
Di-n-octyl phthalate
Concen: 43.076 ng
RT: 14.627 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

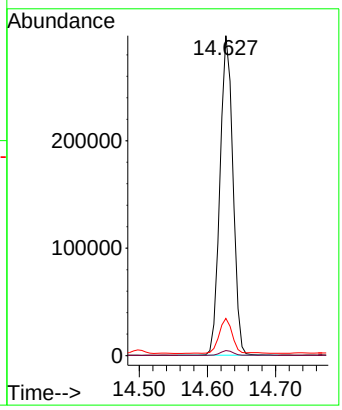
Tgt Ion:149 Resp: 39033

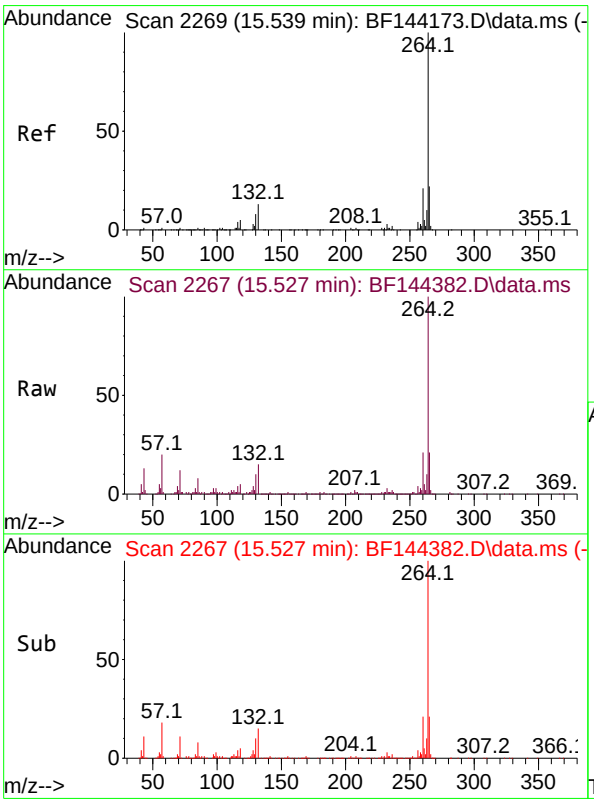
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 11.0 | 9.0 | 13.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

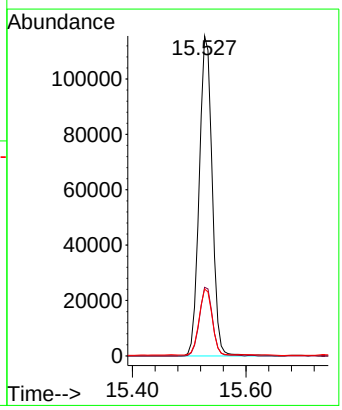


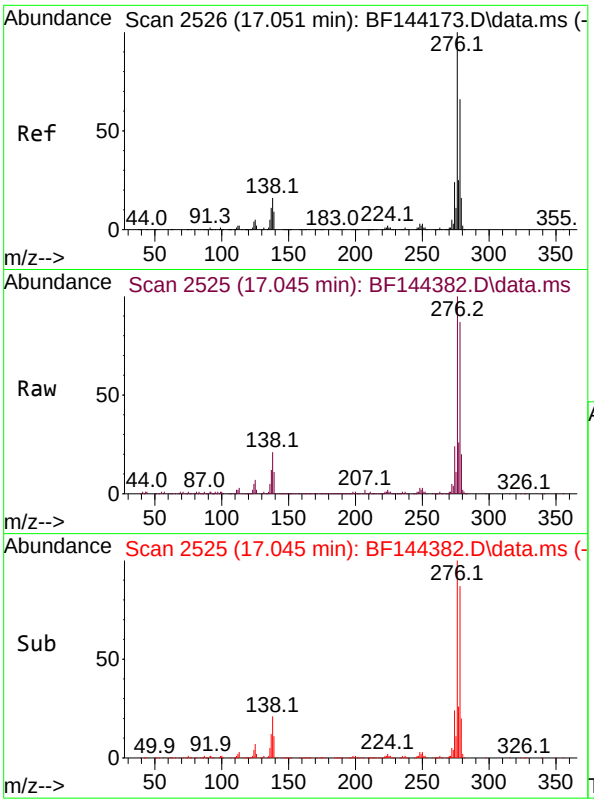




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:264 Resp: 182291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.4 | 17.1 | 25.7 |
| 265 | 20.9 | 17.4 | 26.0 |

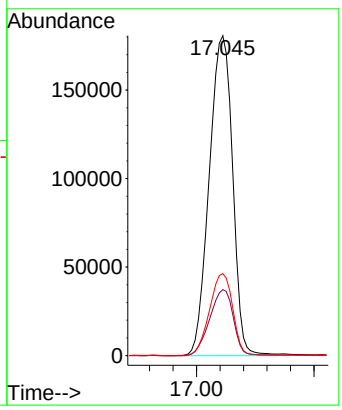





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.142 ng
RT: 17.045 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:276 Resp: 49910

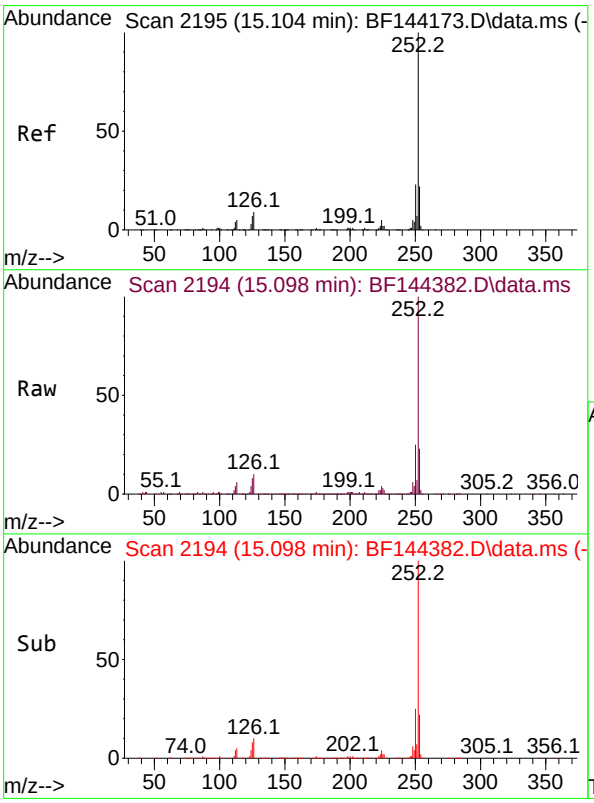
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.1 | 13.9 | 20.9# |
| 277 | 25.6 | 19.8 | 29.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

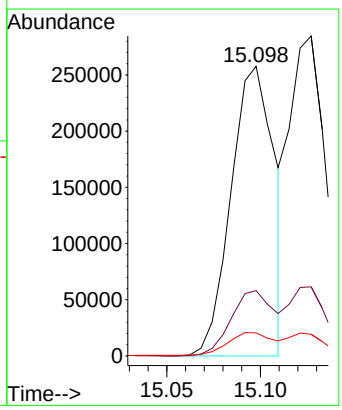
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

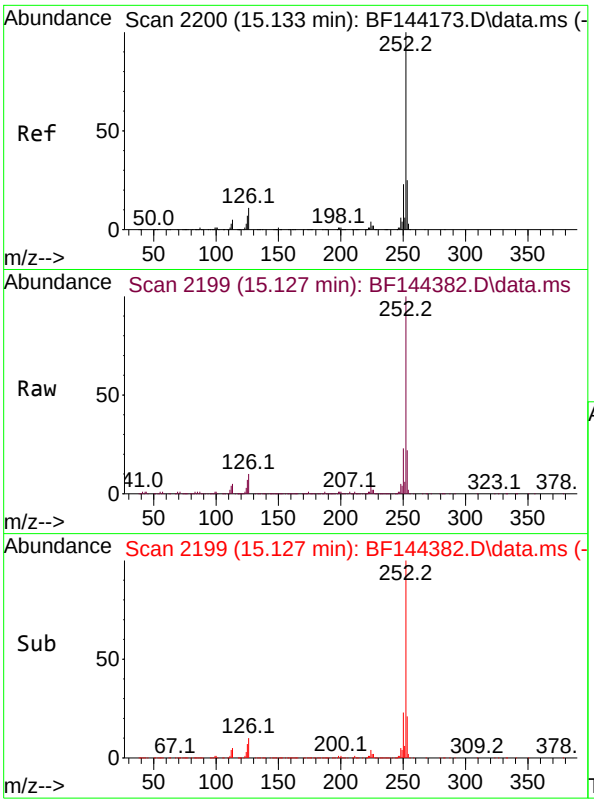



#88
Benzo(b)fluoranthene
Concen: 39.846 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:252 Resp: 412945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.4 | 26.2 |
| 125 | 7.9 | 5.3 | 7.9# |

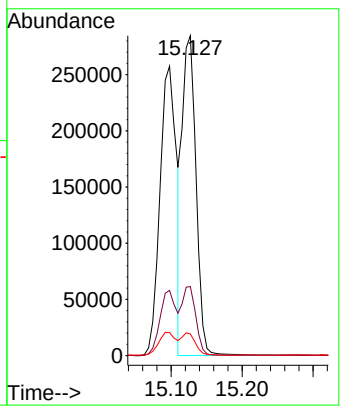





#89
Benzo(k)fluoranthene
Concen: 39.987 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:252 Resp: 38788

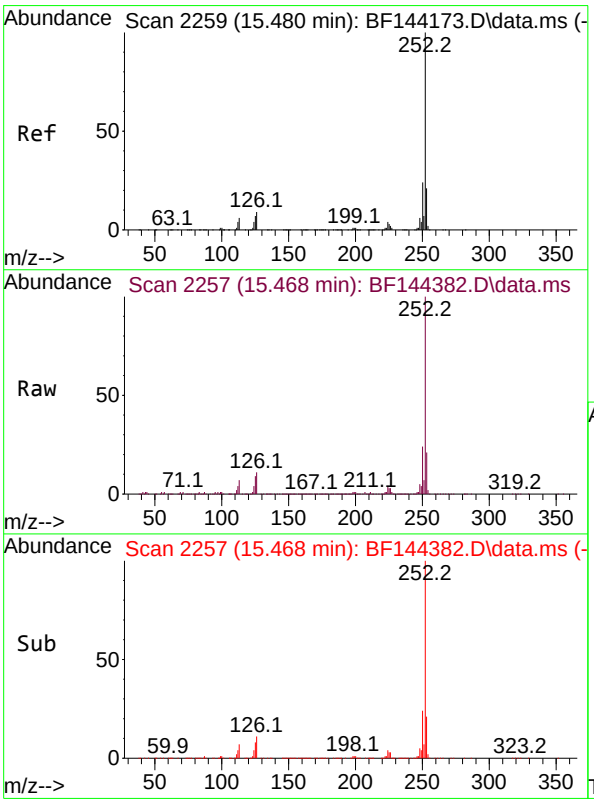
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.0 | 27.0 |
| 125 | 6.8 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

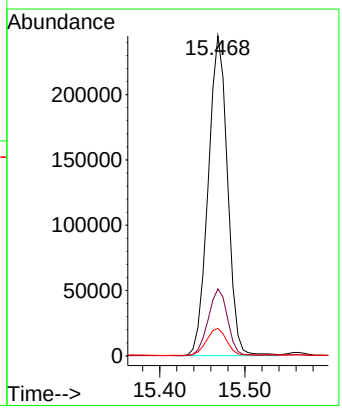
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

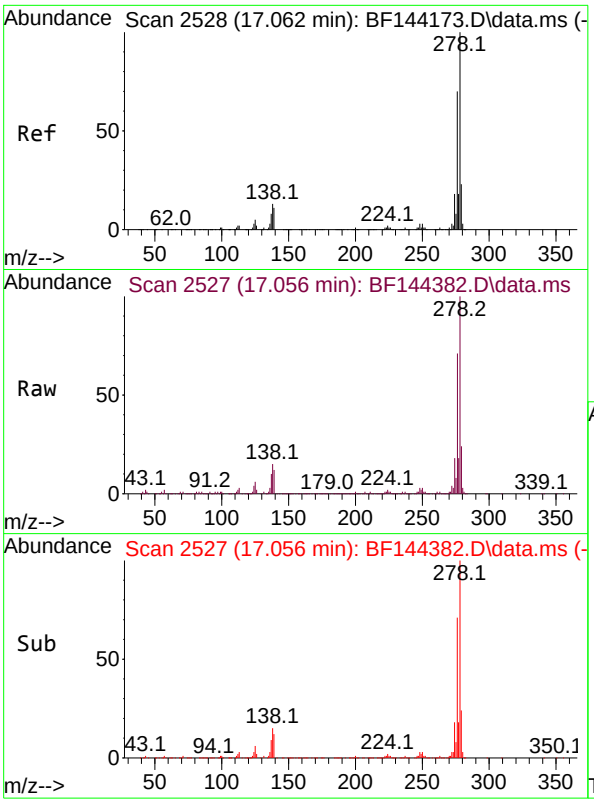



#90
Benzo(a)pyrene
Concen: 40.265 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:252 Resp: 384963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.9 | 16.7 | 25.1 |
| 125 | 8.6 | 5.7 | 8.5# |

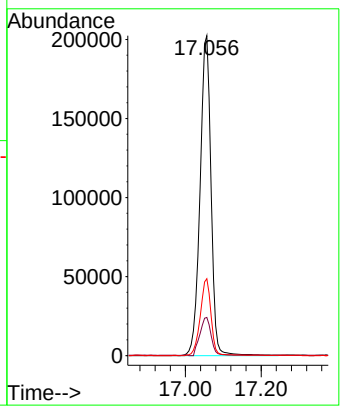





#91
Dibenzo(a,h)anthracene
Concen: 38.563 ng
RT: 17.056 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:278 Resp: 40526

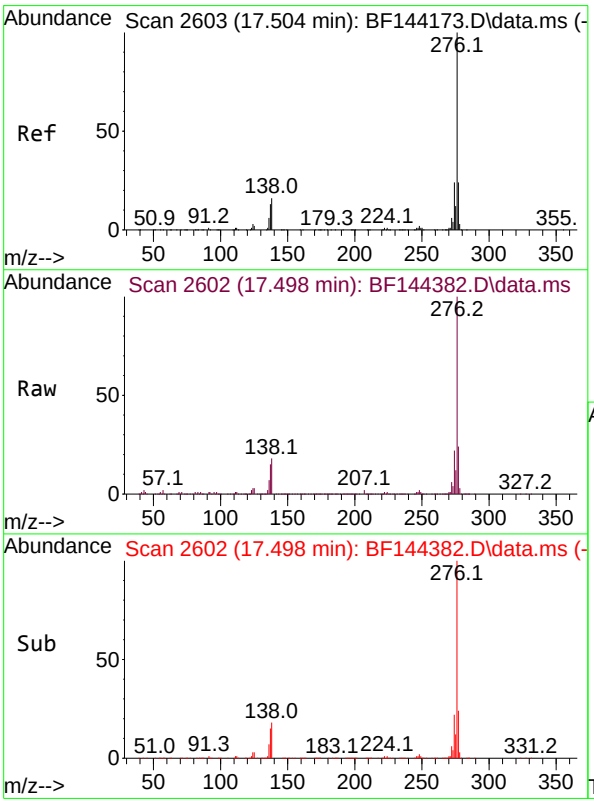
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.9 | 9.1 | 13.7 |
| 279 | 24.0 | 18.2 | 27.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

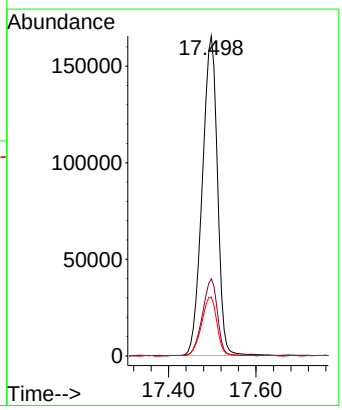
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#92
Benzo(g,h,i)perylene
Concen: 38.273 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BF144382.D
Acq: 01 Dec 2025 12:41

Tgt Ion:276 Resp: 397188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.1 | 19.0 | 28.4 |
| 138 | 18.4 | 12.9 | 19.3 |



Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 84 | -0.01 |
| 2 | | 1,4-Dioxane | 0.528 | 0.582 | -10.2 | 88 | -0.04 |
| 3 | | Pyridine | 1.474 | 1.601 | -8.6 | 88 | -0.06 |
| 4 | | n-Nitrosodimethylamine | 0.770 | 0.733 | 4.8 | 79 | -0.05 |
| 5 | S | 2-Fluorophenol | 1.278 | 1.337 | -4.6 | 85 | 0.00 |
| 6 | | Aniline | 2.063 | 2.084 | -1.0 | 85 | 0.00 |
| 7 | S | Phenol-d6 | 1.448 | 1.478 | -2.1 | 85 | 0.00 |
| 8 | | 2-Chlorophenol | 1.253 | 1.315 | -4.9 | 86 | 0.00 |
| 9 | | Benzaldehyde | 0.818 | 0.992 | -21.3 | 102 | -0.01 |
| 10 | C | Phenol | 1.769 | 1.809 | -2.3 | 82 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.289 | 1.354 | -5.0 | 86 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.547 | 1.540 | 0.5 | 84 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.549 | 1.558 | -0.6 | 82 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 1.485 | 1.464 | 1.4 | 83 | -0.01 |
| 15 | | Benzyl Alcohol | 1.147 | 1.130 | 1.5 | 82 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.374 | 2.447 | -3.1 | 85 | 0.00 |
| 17 | | 2-Methylphenol | 0.997 | 1.010 | -1.3 | 82 | 0.00 |
| 18 | | Hexachloroethane | 0.515 | 0.514 | 0.2 | 81 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.953 | 0.893 | 6.3 | 79 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.175 | 1.167 | 0.7 | 81 | -0.01 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 84 | -0.01 |
| 22 | | Acetophenone | 0.429 | 0.416 | 3.0 | 81 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.346 | 0.348 | -0.6 | 82 | 0.00 |
| 24 | | Nitrobenzene | 0.376 | 0.380 | -1.1 | 83 | 0.00 |
| 25 | | Isophorone | 0.655 | 0.652 | 0.5 | 82 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.186 | 0.197 | -5.9 | 84 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 0.279 | 0.287 | -2.9 | 81 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.409 | 0.424 | -3.7 | 84 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.322 | 0.323 | -0.3 | 82 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.330 | 0.317 | 3.9 | 79 | -0.01 |
| 31 | | Naphthalene | 0.951 | 0.962 | -1.2 | 84 | 0.00 |
| 32 | | Benzoic acid | 0.204 | 0.196 | 3.9 | 92 | -0.04 |
| 33 | | 4-Chloroaniline | 0.347 | 0.353 | -1.7 | 82 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.249 | 0.229 | 8.0 | 74 | -0.01 |
| 35 | | Caprolactam | 0.088 | 0.089 | -1.1 | 81 | -0.03 |
| 36 | C | 4-Chloro-3-methylphenol | 0.288 | 0.288 | 0.0 | 82 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.636 | 0.626 | 1.6 | 81 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.614 | 0.592 | 3.6 | 80 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 80 | -0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.626 | 4.4 | 74 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.195 | 0.158 | 19.0 | 64 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 0.251 | 0.225 | 10.4 | 68 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.446 | 0.435 | 2.5 | 77 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 0.481 | 0.458 | 4.8 | 75 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.354 | 1.305 | 3.6 | 77 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.396 | 1.414 | -1.3 | 80 | -0.01 |
| 47 | | 2-Chloronaphthalene | 1.191 | 1.192 | -0.1 | 79 | 0.00 |

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 0.344 | 0.355 | -3.2 | 79 | 0.00 |
| 49 | | Acenaphthylene | 1.623 | 1.610 | 0.8 | 78 | -0.01 |
| 50 | | Dimethylphthalate | 1.325 | 1.270 | 4.2 | 76 | -0.01 |
| 51 | | 2,6-Dinitrotoluene | 0.268 | 0.269 | -0.4 | 78 | 0.00 |
| 52 | C | Acenaphthene | 1.085 | 0.988 | 8.9 | 72 | 0.00 |
| 53 | | 3-Nitroaniline | 0.293 | 0.301 | -2.7 | 77 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.162 | 0.179 | -10.5 | 103 | -0.01 |
| 55 | | Dibenzofuran | 1.520 | 1.474 | 3.0 | 76 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.212 | 0.193 | 9.0 | 76 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.359 | 0.357 | 0.6 | 74 | 0.00 |
| 58 | | Fluorene | 1.156 | 1.117 | 3.4 | 76 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.340 | 0.311 | 8.5 | 70 | 0.00 |
| 60 | | Diethylphthalate | 1.221 | 1.149 | 5.9 | 73 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.658 | 0.619 | 5.9 | 72 | -0.01 |
| 62 | | 4-Nitroaniline | 0.279 | 0.277 | 0.7 | 77 | 0.00 |
| 63 | | Azobenzene | 1.137 | 1.123 | 1.2 | 77 | -0.01 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 74 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.136 | 0.127 | 6.6 | 73 | -0.01 |
| 66 | c | n-Nitrosodiphenylamine | 0.643 | 0.665 | -3.4 | 77 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.255 | 0.248 | 2.7 | 70 | -0.01 |
| 68 | | Hexachlorobenzene | 0.301 | 0.292 | 3.0 | 72 | 0.00 |
| 69 | | Atrazine | 0.205 | 0.188 | 8.3 | 68 | 0.00 |
| 70 | C | Pentachlorophenol | 0.150 | 0.158 | -5.3 | 75 | -0.01 |
| 71 | | Phenanthrene | 0.996 | 1.001 | -0.5 | 74 | 0.00 |
| 72 | | Anthracene | 1.013 | 1.018 | -0.5 | 74 | 0.00 |
| 73 | | Carbazole | 0.861 | 0.877 | -1.9 | 74 | -0.01 |
| 74 | | Di-n-butylphthalate | 1.041 | 1.043 | -0.2 | 73 | -0.01 |
| 75 | C | Fluoranthene | 1.029 | 1.028 | 0.1 | 73 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 77 | | Benzidine | 0.592 | 0.749 | -26.5# | 101 | -0.02 |
| 78 | | Pyrene | 1.613 | 1.464 | 9.2 | 73 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.259 | 1.094 | 13.1 | 70 | -0.01 |
| 80 | | Butylbenzylphthalate | 0.559 | 0.542 | 3.0 | 78 | -0.01 |
| 81 | | Benzo(a)anthracene | 1.386 | 1.414 | -2.0 | 83 | -0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 0.475 | 0.489 | -2.9 | 86 | -0.01 |
| 83 | | Chrysene | 1.280 | 1.240 | 3.1 | 75 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.765 | 0.774 | -1.2 | 80 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 1.320 | 1.422 | -7.7 | 85 | -0.02 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 87 | -0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.436 | 1.369 | 4.7 | 80 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 1.137 | 1.133 | 0.4 | 80 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.064 | 1.064 | 0.0 | 89 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.049 | 1.056 | -0.7 | 86 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.153 | 1.112 | 3.6 | 81 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.139 | 1.089 | 4.4 | 80 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 84 | -0.01 |
| 2 | | 1,4-Dioxane | 40.000 | 44.094 | -10.2 | 88 | -0.04 |
| 3 | | Pyridine | 40.000 | 43.435 | -8.6 | 88 | -0.06 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.071 | 4.8 | 79 | -0.05 |
| 5 | S | 2-Fluorophenol | 80.000 | 83.663 | -4.6 | 85 | 0.00 |
| 6 | | Aniline | 40.000 | 40.400 | -1.0 | 85 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 81.638 | -2.0 | 85 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 41.954 | -4.9 | 86 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 48.549 | -21.4 | 102 | -0.01 |
| 10 | C | Phenol | 40.000 | 40.903 | -2.3 | 82 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 42.014 | -5.0 | 86 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.829 | 0.4 | 84 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.218 | -0.5 | 82 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.420 | 1.4 | 83 | -0.01 |
| 15 | | Benzyl Alcohol | 40.000 | 39.424 | 1.4 | 82 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.227 | -3.1 | 85 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.517 | -1.3 | 82 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.971 | 0.1 | 81 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 37.484 | 6.3 | 79 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.719 | 0.7 | 81 | -0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 84 | -0.01 |
| 22 | | Acetophenone | 40.000 | 38.761 | 3.1 | 81 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.409 | -0.5 | 82 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.422 | -1.1 | 83 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.808 | 0.5 | 82 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.348 | -5.9 | 84 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 41.158 | -2.9 | 81 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 41.425 | -3.6 | 84 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.230 | -0.6 | 82 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.408 | 4.0 | 79 | -0.01 |
| 31 | | Naphthalene | 40.000 | 40.446 | -1.1 | 84 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 38.313 | 4.2 | 92 | -0.04 |
| 33 | | 4-Chloroaniline | 40.000 | 40.638 | -1.6 | 82 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 36.733 | 8.2 | 74 | -0.01 |
| 35 | | Caprolactam | 40.000 | 40.395 | -1.0 | 81 | -0.03 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.937 | 0.2 | 82 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.348 | 1.6 | 81 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 38.593 | 3.5 | 80 | -0.01 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 80 | -0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 38.194 | 4.5 | 74 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 33.548 | 16.1 | 64 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 71.675 | 10.4 | 68 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.010 | 2.5 | 77 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 38.113 | 4.7 | 75 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 77.086 | 3.6 | 77 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 40.510 | -1.3 | 80 | -0.01 |
| 47 | | 2-Chloronaphthalene | 40.000 | 40.052 | -0.1 | 79 | 0.00 |

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 41.348 | -3.4 | 79 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 39.682 | 0.8 | 78 | -0.01 |
| 50 | | Dimethylphthalate | 40.000 | 38.352 | 4.1 | 76 | -0.01 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.149 | -0.4 | 78 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 36.418 | 9.0 | 72 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.041 | -2.6 | 77 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 44.283 | -10.7 | 103 | -0.01 |
| 55 | | Dibenzofuran | 40.000 | 38.799 | 3.0 | 76 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 36.354 | 9.1 | 76 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 39.752 | 0.6 | 74 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.659 | 3.4 | 76 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 36.576 | 8.6 | 70 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 37.635 | 5.9 | 73 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 37.599 | 6.0 | 72 | -0.01 |
| 62 | | 4-Nitroaniline | 40.000 | 39.617 | 1.0 | 77 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.510 | 1.2 | 77 | -0.01 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 74 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 37.488 | 6.3 | 73 | -0.01 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 41.324 | -3.3 | 77 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.784 | 3.0 | 70 | -0.01 |
| 68 | | Hexachlorobenzene | 40.000 | 38.875 | 2.8 | 72 | 0.00 |
| 69 | | Atrazine | 40.000 | 36.716 | 8.2 | 68 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.160 | -5.4 | 75 | -0.01 |
| 71 | | Phenanthrene | 40.000 | 40.206 | -0.5 | 74 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.207 | -0.5 | 74 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.741 | -1.9 | 74 | -0.01 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.101 | -0.3 | 73 | -0.01 |
| 75 | C | Fluoranthene | 40.000 | 39.973 | 0.1 | 73 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 84 | 0.00 |
| 77 | | Benzidine | 40.000 | 50.659 | -26.6# | 101 | -0.02 |
| 78 | | Pyrene | 40.000 | 36.313 | 9.2 | 73 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 69.531 | 13.1 | 70 | -0.01 |
| 80 | | Butylbenzylphthalate | 40.000 | 38.807 | 3.0 | 78 | -0.01 |
| 81 | | Benzo(a)anthracene | 40.000 | 40.805 | -2.0 | 83 | -0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 41.207 | -3.0 | 86 | -0.01 |
| 83 | | Chrysene | 40.000 | 38.758 | 3.1 | 75 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.447 | -1.1 | 80 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 43.076 | -7.7 | 85 | -0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 87 | -0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.142 | 4.6 | 80 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.846 | 0.4 | 80 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 39.987 | 0.0 | 89 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.265 | -0.7 | 86 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 38.563 | 3.6 | 81 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.273 | 4.3 | 80 | 0.00 |

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF144398.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date/Time: 12/02/2025 11:00

Lab File ID: BF144398.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.278 | 1.347 | | 5.4 | |
| Benzaldehyde | 0.818 | 1.015 | | 24.1 | |
| Phenol-d6 | 1.448 | 1.447 | | -0.1 | |
| Phenol | 1.769 | 1.782 | | 0.7 | 20.0 |
| bis(2-Chloroethyl)ether | 1.289 | 1.331 | | 3.3 | |
| 2-Chlorophenol | 1.253 | 1.305 | | 4.2 | |
| 2-Methylphenol | 0.997 | 0.964 | | -3.3 | |
| 2,2-oxybis(1-Chloropropane) | 2.374 | 2.359 | | -0.6 | |
| Acetophenone | 0.429 | 0.418 | | -2.6 | |
| 3+4-Methylphenols | 1.175 | 1.125 | | -4.3 | |
| n-Nitroso-di-n-propylamine | 0.953 | 0.832 | 0.050 | -12.7 | |
| Nitrobenzene-d5 | 0.346 | 0.347 | | 0.3 | |
| Hexachloroethane | 0.515 | 0.505 | | -1.9 | |
| Nitrobenzene | 0.376 | 0.381 | | 1.3 | |
| Isophorone | 0.655 | 0.620 | | -5.3 | |
| 2-Nitrophenol | 0.186 | 0.196 | | 5.4 | 20.0 |
| 2,4-Dimethylphenol | 0.279 | 0.269 | | -3.6 | |
| bis(2-Chloroethoxy)methane | 0.409 | 0.408 | | -0.2 | |
| 2,4-Dichlorophenol | 0.322 | 0.317 | | -1.6 | 20.0 |
| Naphthalene | 0.951 | 0.945 | | -0.6 | |
| 4-Chloroaniline | 0.347 | 0.336 | | -3.2 | |
| Hexachlorobutadiene | 0.249 | 0.234 | | -6.0 | 20.0 |
| Caprolactam | 0.088 | 0.081 | | -8.0 | |
| 4-Chloro-3-methylphenol | 0.288 | 0.268 | | -6.9 | 20.0 |
| 2-Methylnaphthalene | 0.636 | 0.611 | | -3.9 | |
| Hexachlorocyclopentadiene | 0.195 | 0.161 | 0.050 | -17.4 | |
| 2,4,6-Trichlorophenol | 0.446 | 0.445 | | -0.2 | 20.0 |
| 2-Fluorobiphenyl | 1.354 | 1.343 | | -0.8 | |
| 2,4,5-Trichlorophenol | 0.481 | 0.475 | | -1.2 | |
| 1,1-Biphenyl | 1.396 | 1.431 | | 2.5 | |
| 2-Chloronaphthalene | 1.191 | 1.208 | | 1.4 | |
| 2-Nitroaniline | 0.344 | 0.343 | | -0.3 | |
| Dimethylphthalate | 1.325 | 1.278 | | -3.5 | |
| Acenaphthylene | 1.623 | 1.628 | | 0.3 | |
| 2,6-Dinitrotoluene | 0.268 | 0.267 | | -0.4 | |
| 3-Nitroaniline | 0.293 | 0.294 | | 0.3 | |
| Acenaphthene | 1.085 | 1.004 | | -7.5 | 20.0 |
| 2,4-Dinitrophenol | 0.162 | 0.178 | 0.050 | 9.9 | |
| 4-Nitrophenol | 0.212 | 0.180 | 0.050 | -15.1 | |

Raw Data: **BF144398.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date/Time: 12/02/2025 11:00

Lab File ID: BF144398.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibenzofuran | 1.520 | 1.481 | | -2.6 | |
| 2,4-Dinitrotoluene | 0.359 | 0.346 | | -3.6 | |
| Diethylphthalate | 1.221 | 1.124 | | -7.9 | |
| 4-Chlorophenyl-phenylether | 0.658 | 0.619 | | -5.9 | |
| Fluorene | 1.156 | 1.148 | | -0.7 | |
| 4-Nitroaniline | 0.279 | 0.276 | | -1.1 | |
| 4,6-Dinitro-2-methylphenol | 0.136 | 0.128 | | -5.9 | |
| n-Nitrosodiphenylamine | 0.643 | 0.677 | | 5.3 | 20.0 |
| 2,4,6-Tribromophenol | 0.251 | 0.228 | | -9.2 | |
| 4-Bromophenyl-phenylether | 0.255 | 0.245 | | -3.9 | |
| Hexachlorobenzene | 0.301 | 0.306 | | 1.7 | |
| Atrazine | 0.205 | 0.184 | | -10.2 | |
| Pentachlorophenol | 0.150 | 0.151 | | 0.7 | 20.0 |
| Phenanthrene | 0.996 | 1.008 | | 1.2 | |
| Anthracene | 1.013 | 1.031 | | 1.8 | |
| Carbazole | 0.861 | 0.899 | | 4.4 | |
| Di-n-butylphthalate | 1.041 | 1.022 | | -1.8 | |
| Fluoranthene | 1.029 | 1.073 | | 4.3 | 20.0 |
| Pyrene | 1.613 | 1.388 | | -13.9 | |
| Terphenyl-d14 | 1.259 | 1.030 | | -18.2 | |
| Butylbenzylphthalate | 0.559 | 0.521 | | -6.8 | |
| 3,3-Dichlorobenzidine | 0.475 | 0.513 | | 8.0 | |
| Benzo(a)anthracene | 1.386 | 1.401 | | 1.1 | |
| Chrysene | 1.280 | 1.302 | | 1.7 | |
| Bis(2-ethylhexyl)phthalate | 0.765 | 0.739 | | -3.4 | |
| Di-n-octyl phthalate | 1.320 | 1.358 | | 2.9 | 20.0 |
| Benzo(b)fluoranthene | 1.137 | 1.071 | | -5.8 | |
| Benzo(k)fluoranthene | 1.064 | 1.070 | | 0.6 | |
| Benzo(a)pyrene | 1.049 | 1.060 | | 1.0 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.436 | 1.365 | | -4.9 | |
| Dibenzo(a,h)anthracene | 1.153 | 1.115 | | -3.3 | |
| Benzo(g,h,i)perylene | 1.139 | 1.088 | | -4.5 | |
| 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.673 | | 2.7 | |
| 1,4-Dioxane | 0.528 | 0.567 | | 7.4 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.340 | 0.313 | | -7.9 | |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 57181 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 207500 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 104779 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 165068 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 133342 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 190533 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 308203 | 84.346 | ng | | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 331061 | 79.960 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 288375 | 80.266 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 95603 | 72.710 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 562692 | 79.315 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 549282 | 65.432 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.581 | 88 | 64889 | 42.953 | ng | | 99 |
| 3) Pyridine | 3.357 | 79 | 180591 | 42.848 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.298 | 42 | 81475 | 37.009 | ng | | 90 |
| 6) Aniline | 6.528 | 93 | 233386 | 39.564 | ng | # | 89 |
| 8) 2-Chlorophenol | 6.651 | 128 | 149218 | 41.641 | ng | | 99 |
| 9) Benzaldehyde | 6.416 | 77 | 116078 | 49.649 | ng | | 98 |
| 10) Phenol | 6.516 | 94 | 203772 | 40.282 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.598 | 93 | 152248 | 41.304 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 181536 | 41.054 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 180483 | 40.741 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.033 | 146 | 167343 | 39.411 | ng | | 99 |
| 15) Benzyl Alcohol | 7.010 | 79 | 122264 | 37.293 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.133 | 45 | 269759 | 39.742 | ng | | 87 |
| 17) 2-Methylphenol | 7.122 | 107 | 110247 | 38.673 | ng | | 96 |
| 18) Hexachloroethane | 7.375 | 117 | 57699 | 39.203 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 95189 | 34.924 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 128704 | 38.299 | ng | | 95 |
| 22) Acetophenone | 7.275 | 105 | 173670 | 39.015 | ng | | 97 |
| 24) Nitrobenzene | 7.451 | 77 | 158147 | 40.541 | ng | | 97 |
| 25) Isophorone | 7.686 | 82 | 257488 | 37.889 | ng | | 98 |
| 26) 2-Nitrophenol | 7.763 | 139 | 81483 | 42.197 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 111598 | 38.558 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 169498 | 39.941 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 131476 | 39.413 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.086 | 180 | 132854 | 38.785 | ng | | 98 |
| 31) Naphthalene | 8.169 | 128 | 392214 | 39.736 | ng | | 99 |
| 32) Benzoic acid | 7.916 | 122 | 72076 | 33.973 | ng | | 94 |
| 33) 4-Chloroaniline | 8.222 | 127 | 139276 | 38.688 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.280 | 225 | 96989 | 37.570 | ng | | 98 |
| 35) Caprolactam | 8.586 | 113 | 33521 | 36.678 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 111321 | 37.236 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 253425 | 38.401 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 243561 | 38.249 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.027 | 216 | 140988 | 41.057 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 33757 | 33.971 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 93338 | 39.936 | ng | | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

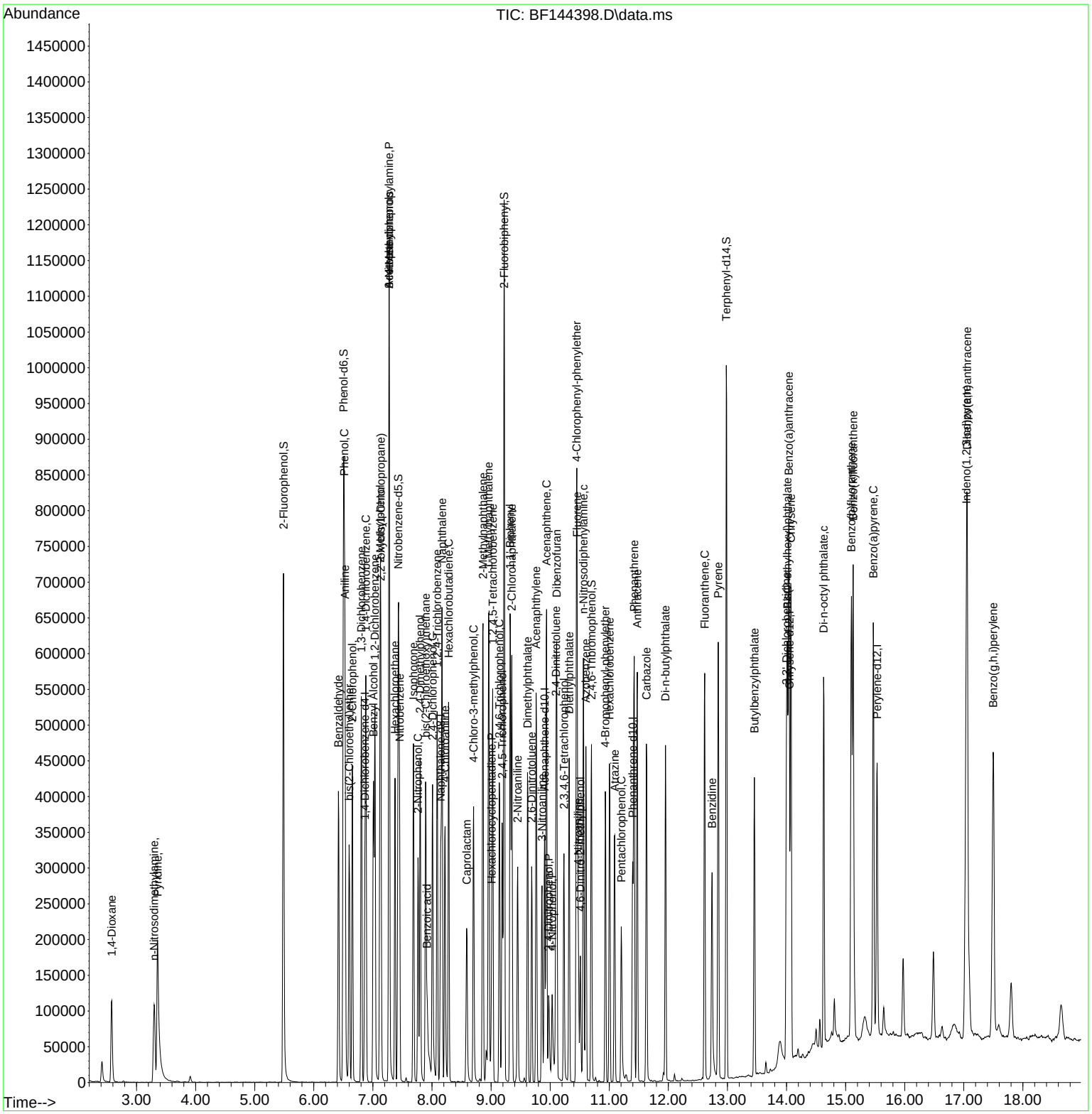
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 99571 | 39.528 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 299944 | 41.010 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 253055 | 40.561 | ng | 99 |
| 48) 2-Nitroaniline | 9.451 | 65 | 71796 | 39.884 | ng | 92 |
| 49) Acenaphthylene | 9.763 | 152 | 341196 | 40.132 | ng | 100 |
| 50) Dimethylphthalate | 9.616 | 163 | 267739 | 38.571 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 56041 | 39.882 | ng | 96 |
| 52) Acenaphthene | 9.939 | 154 | 210472 | 37.020 | ng | 98 |
| 53) 3-Nitroaniline | 9.863 | 138 | 61592 | 40.098 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.974 | 184 | 37264 | 43.917 | ng | 96 |
| 55) Dibenzofuran | 10.110 | 168 | 310434 | 38.987 | ng | 98 |
| 56) 4-Nitrophenol | 10.033 | 139 | 37683 | 33.914 | ng | 85 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 72562 | 38.574 | ng | 96 |
| 58) Fluorene | 10.457 | 166 | 240504 | 39.727 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 65543 | 36.777 | ng | 98 |
| 60) Diethylphthalate | 10.321 | 149 | 235643 | 36.825 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 129678 | 37.604 | ng | 98 |
| 62) 4-Nitroaniline | 10.474 | 138 | 57884 | 39.570 | ng | 92 |
| 63) Azobenzene | 10.604 | 77 | 231694 | 38.906 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 42160 | 37.597 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 223385 | 42.076 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 80782 | 38.341 | ng | 96 |
| 68) Hexachlorobenzene | 11.004 | 284 | 101000 | 40.698 | ng | 94 |
| 69) Atrazine | 11.092 | 200 | 60797 | 36.009 | ng | 97 |
| 70) Pentachlorophenol | 11.204 | 266 | 49731 | 40.242 | ng | 99 |
| 71) Phenanthrene | 11.421 | 178 | 332857 | 40.501 | ng | 100 |
| 72) Anthracene | 11.474 | 178 | 340213 | 40.711 | ng | 99 |
| 73) Carbazole | 11.627 | 167 | 296886 | 41.779 | ng | 99 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 337550 | 39.294 | ng | 99 |
| 75) Fluoranthene | 12.615 | 202 | 354240 | 41.726 | ng | 98 |
| 77) Benzidine | 12.739 | 184 | 204482 | 51.844 | ng | 99 |
| 78) Pyrene | 12.845 | 202 | 370276 | 34.440 | ng | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 138930 | 37.284 | ng | 97 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 373689 | 40.436 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 136841 | 43.198 | ng | 96 |
| 83) Chrysene | 14.074 | 228 | 347219 | 40.700 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 197052 | 38.630 | ng | 97 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 362035 | 41.136 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.045 | 276 | 520067 | 38.024 | ng | 97 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 408307 | 37.694 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 407919 | 40.233 | ng | 99 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 403859 | 40.414 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.056 | 278 | 424921 | 38.685 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.497 | 276 | 414502 | 38.213 | ng | 98 |

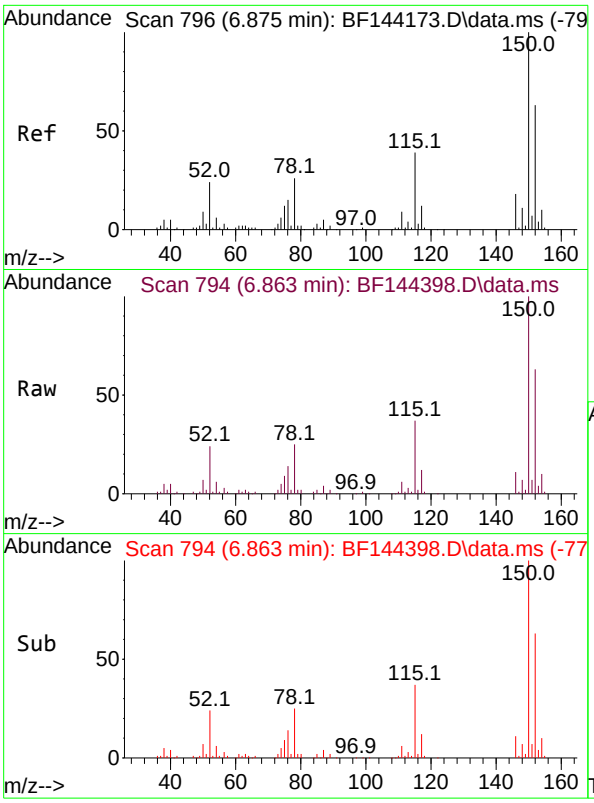
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



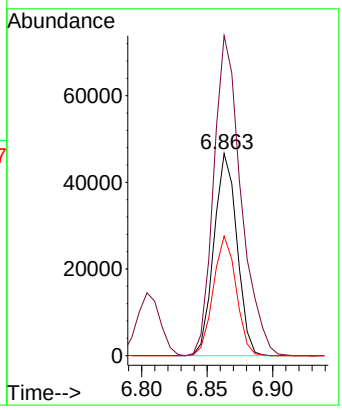


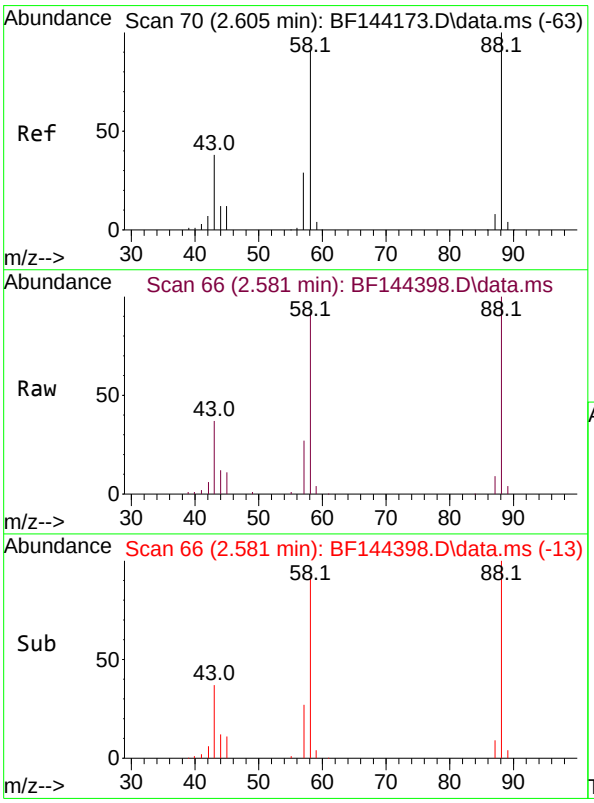

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 57181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 127.4 | 191.0 |
| 115 | 59.2 | 49.5 | 74.3 |

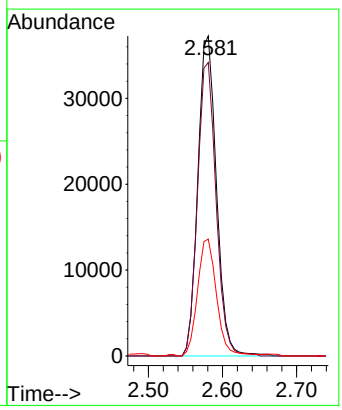


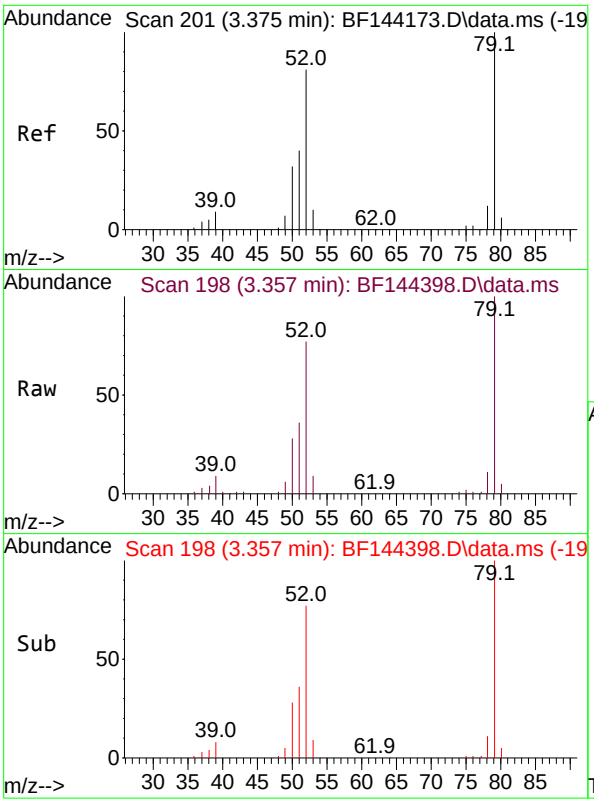




#2
1,4-Dioxane
Concen: 42.953 ng
RT: 2.581 min Scan# 66
Delta R.T. -0.036 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 88 Resp: 64889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 91.5 | 73.1 | 109.7 |
| 43 | 37.3 | 31.0 | 46.6 |



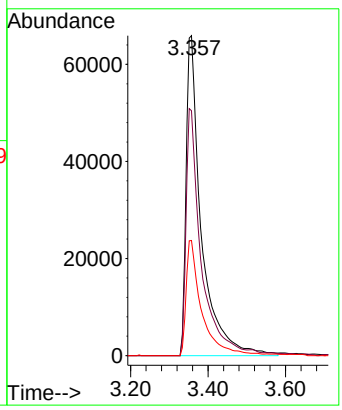


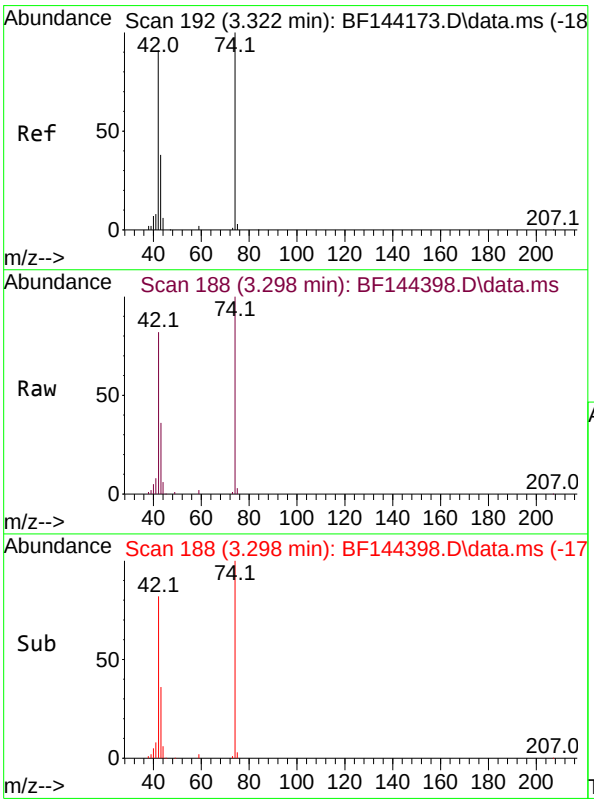

#3
Pyridine
Concen: 42.848 ng
RT: 3.357 min Scan# 19
Delta R.T. -0.053 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 180591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 76.5 | 64.5 | 96.7 |
| 51 | 36.0 | 31.7 | 47.5 |

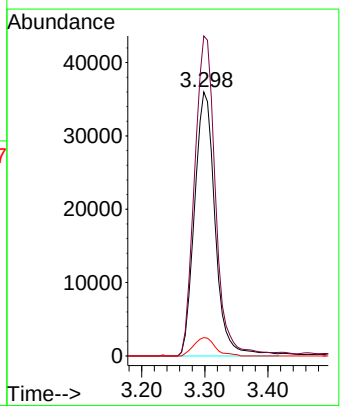


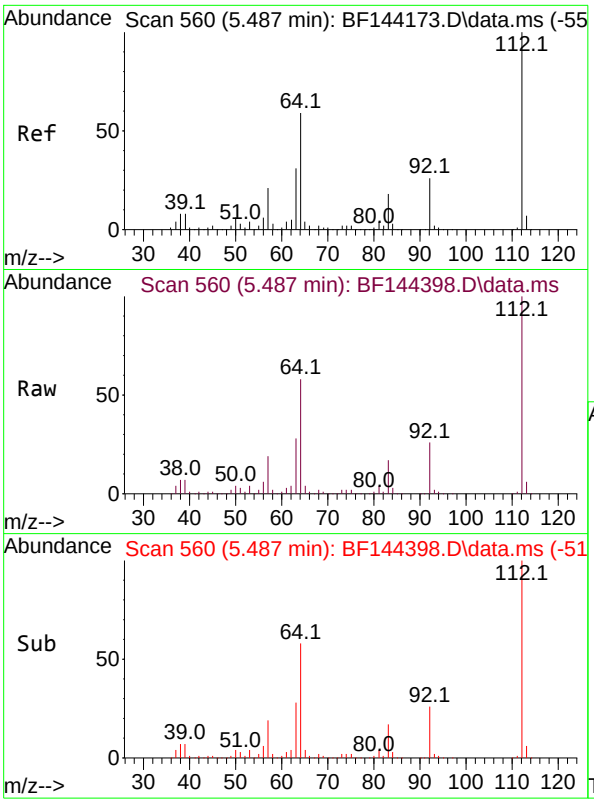




#4
n-Nitrosodimethylamine
Concen: 37.009 ng
RT: 3.298 min Scan# 188
Delta R.T. -0.047 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 42 Resp: 81475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 121.3 | 88.2 | 132.4 |
| 44 | 6.9 | 5.7 | 8.5 |



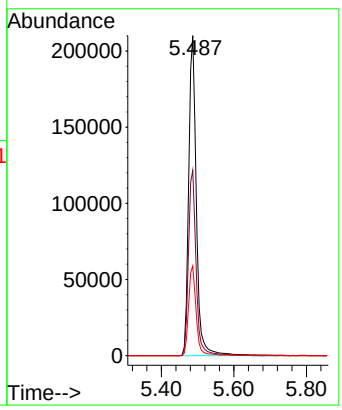


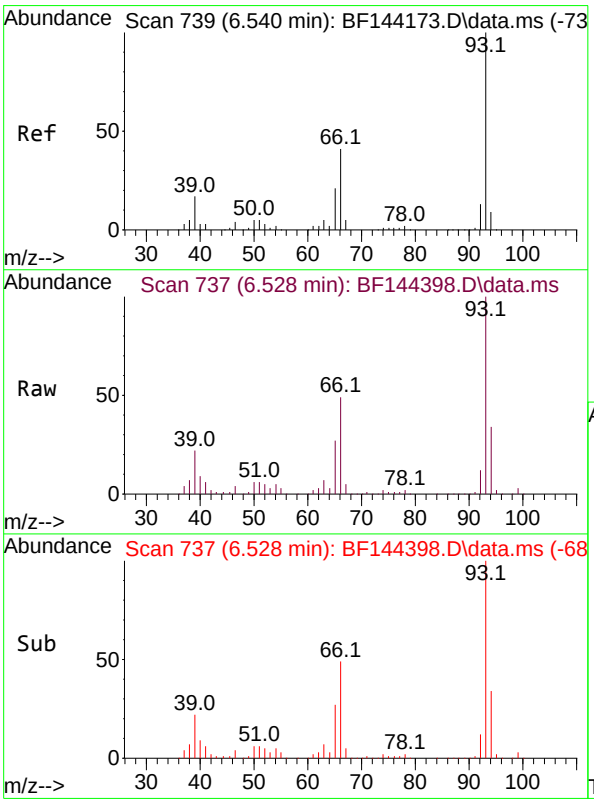

#5
2-Fluorophenol
Concen: 84.346 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 308203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.9 | 47.2 | 70.8 |
| 63 | 28.0 | 24.4 | 36.6 |

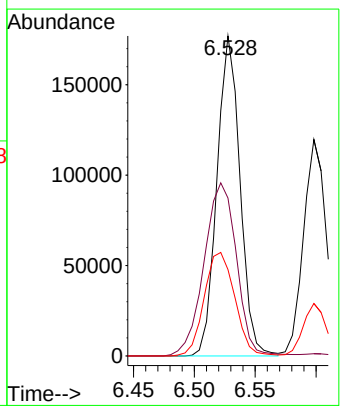


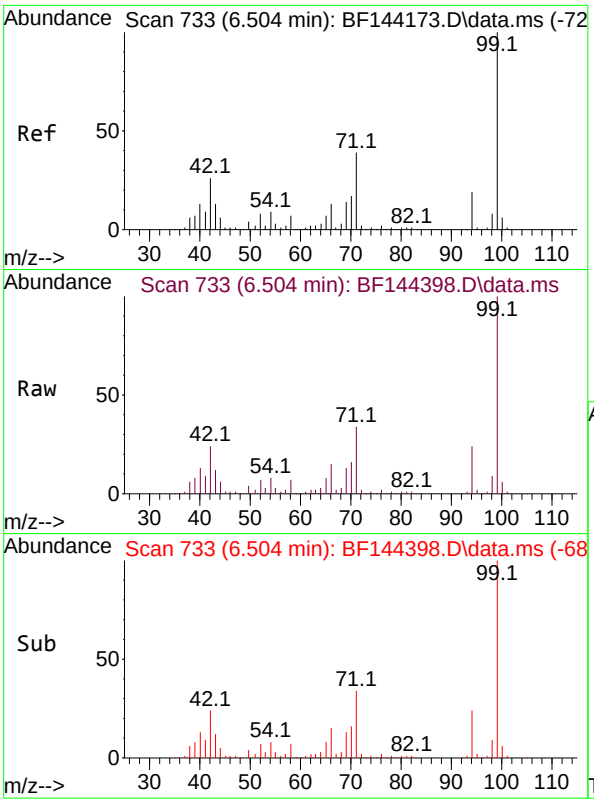




#6
Aniline
Concen: 39.564 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 93 Resp: 233386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 49.3 | 34.3 | 51.5 |
| 65 | 27.0 | 16.9 | 25.3# |



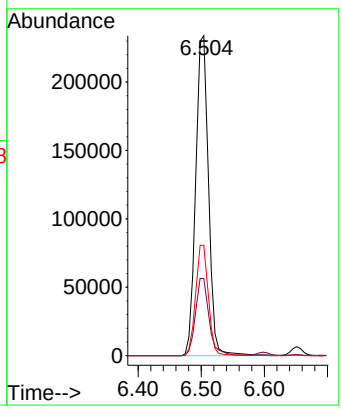


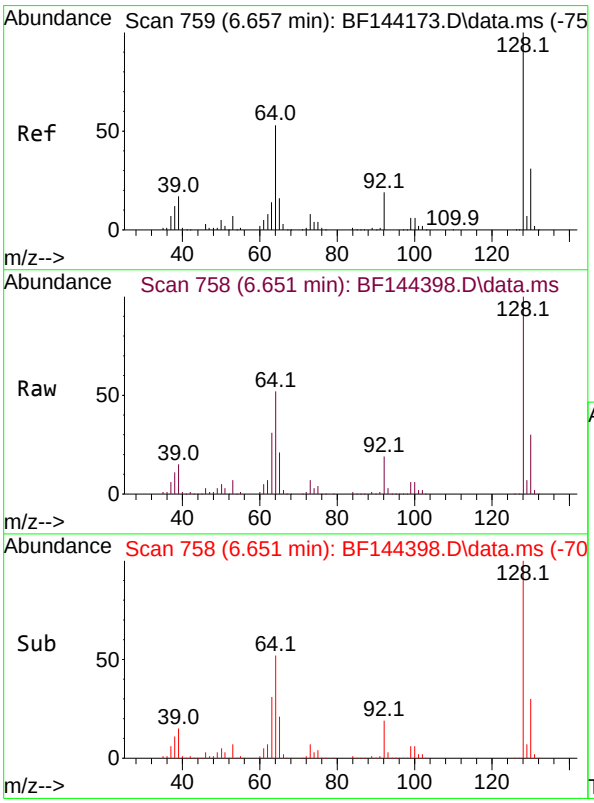

#7
Phenol-d6
Concen: 79.960 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 331061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.1 | 20.9 | 31.3 |
| 71 | 34.5 | 31.4 | 47.2 |

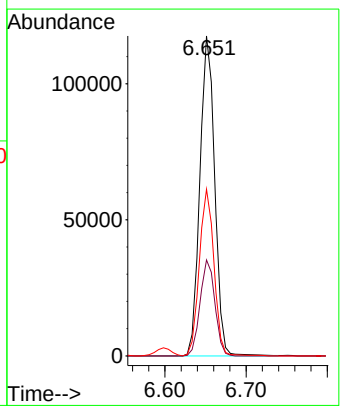


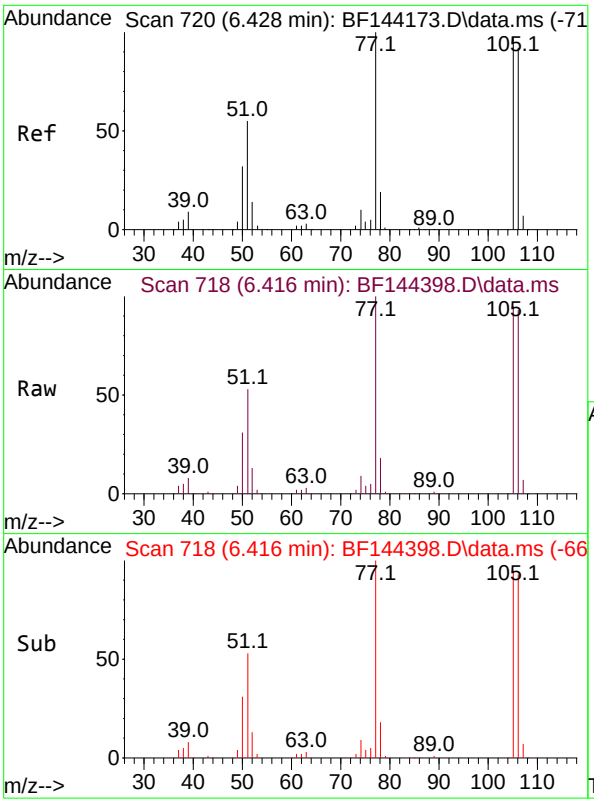




#8
2-Chlorophenol
Concen: 41.641 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:128 Resp: 149218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.0 | 10.5 | 50.5 |
| 64 | 52.1 | 33.2 | 73.2 |



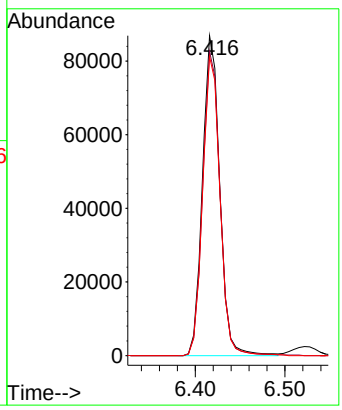


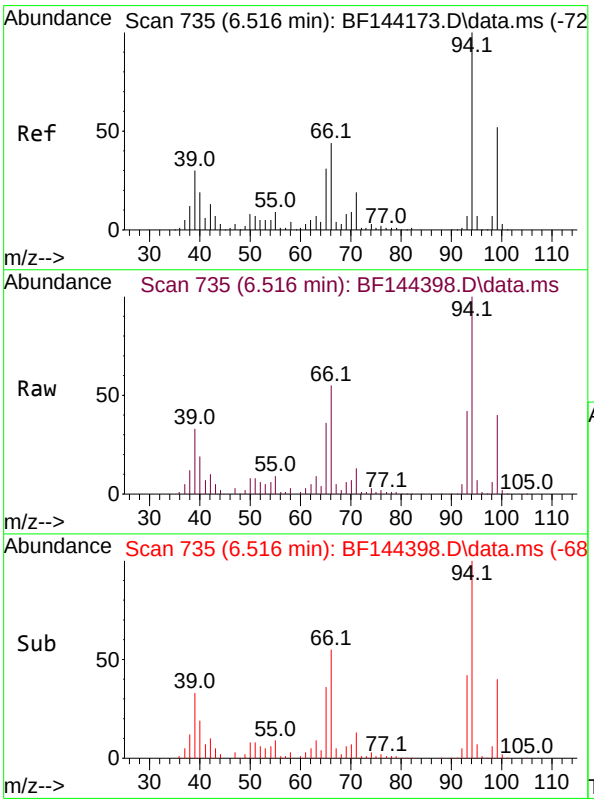

#9
Benzaldehyde
Concen: 49.649 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 116078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.0 | 77.2 | 117.2 |
| 106 | 93.4 | 72.2 | 112.2 |

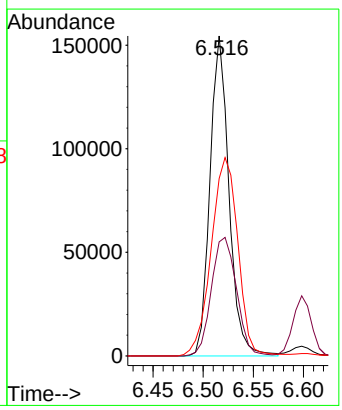


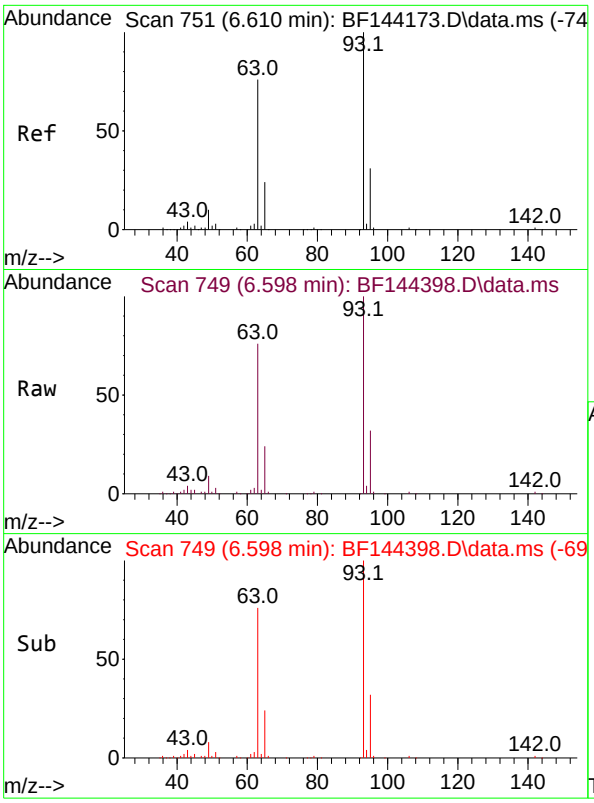




#10
Phenol
Concen: 40.282 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 94 Resp: 203772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.6 | 10.8 | 50.8 |
| 66 | 55.4 | 24.3 | 64.3 |



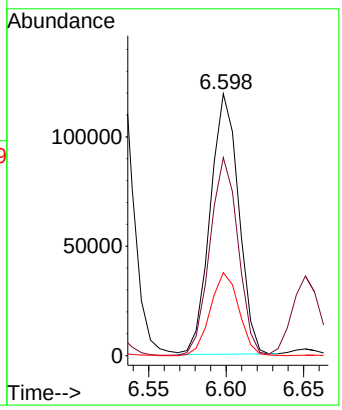


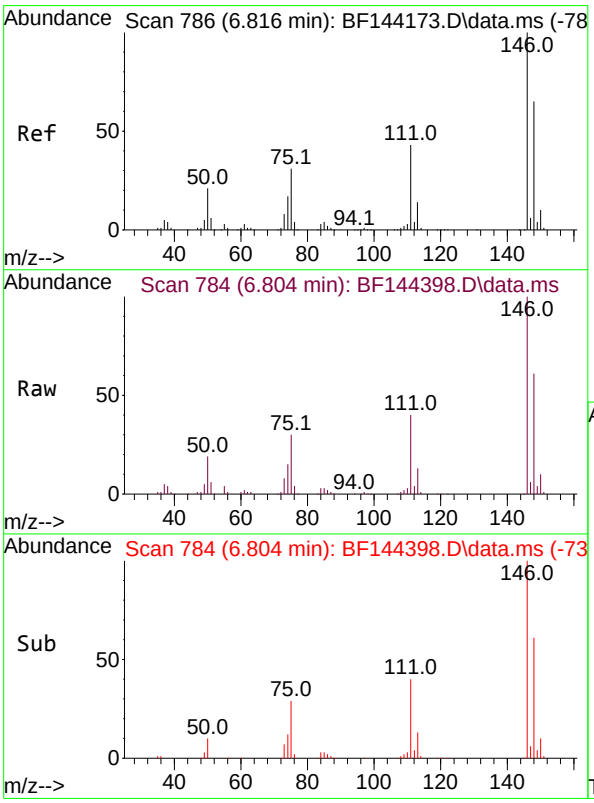

#11
bis(2-Chloroethyl)ether
Concen: 41.304 ng
RT: 6.598 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 152248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.6 | 55.2 | 95.2 |
| 95 | 31.7 | 11.2 | 51.2 |

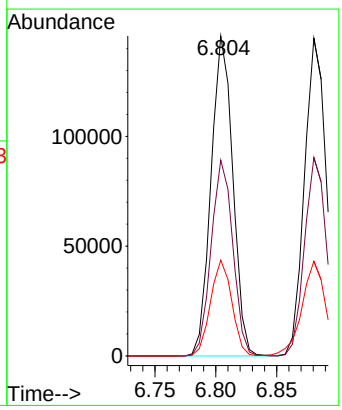


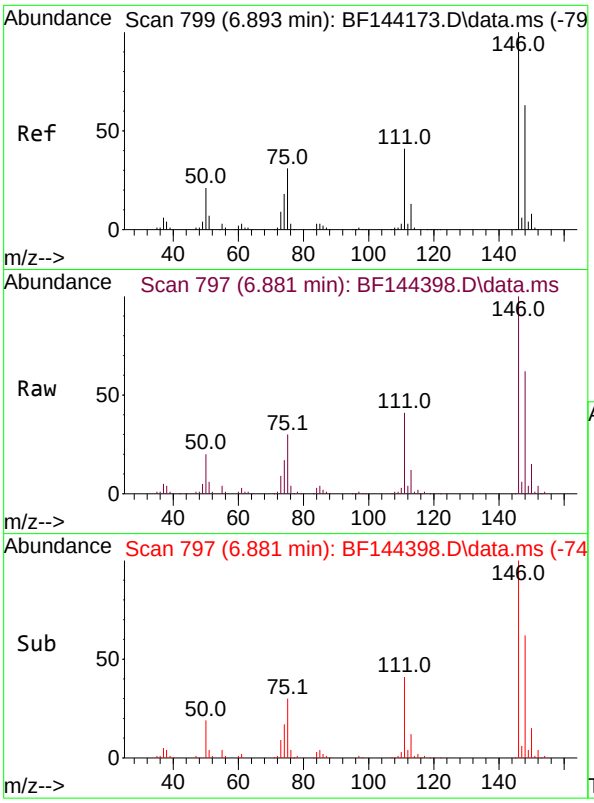




#12
1,3-Dichlorobenzene
Concen: 41.054 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:146 Resp: 181536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.2 | 51.8 | 77.8 |
| 75 | 29.9 | 25.0 | 37.4 |



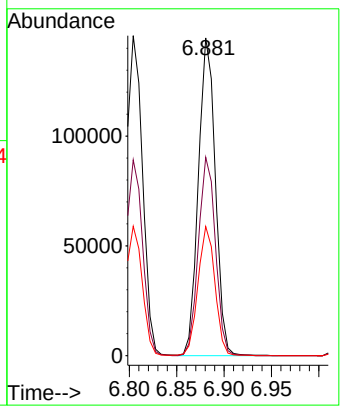


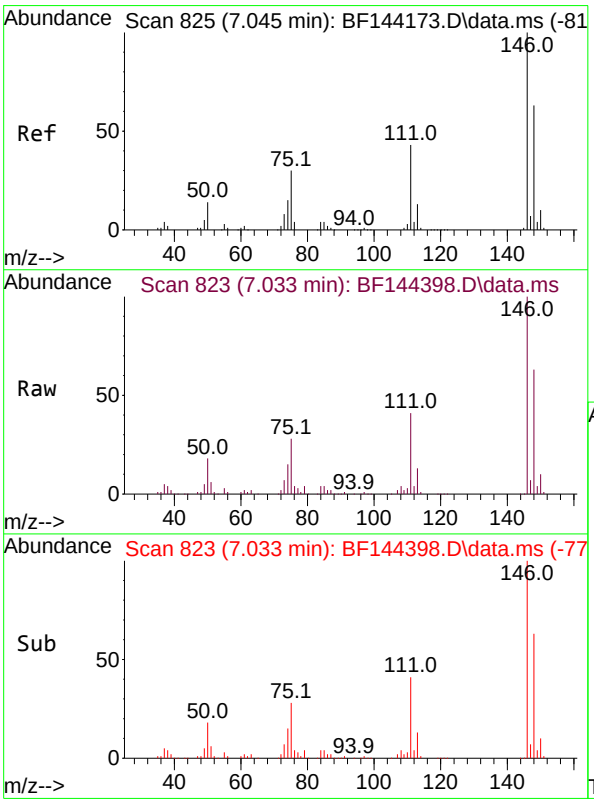

#13
1,4-Dichlorobenzene
Concen: 40.741 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 180483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.5 | 50.2 | 75.2 |
| 111 | 40.7 | 32.6 | 48.8 |

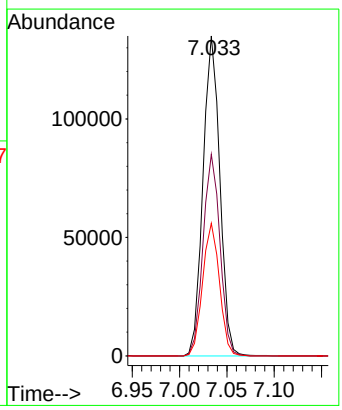


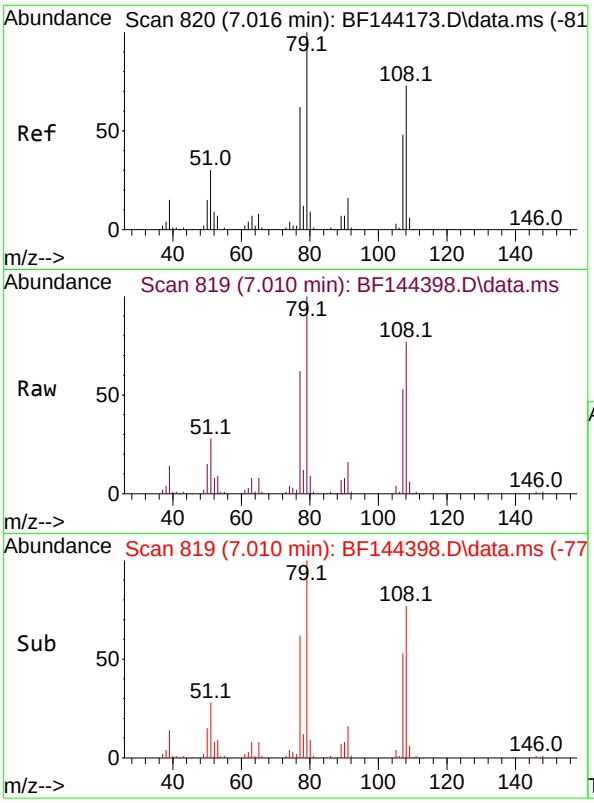




#14
1,2-Dichlorobenzene
Concen: 39.411 ng
RT: 7.033 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:146 Resp: 167343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.7 | 76.1 |
| 111 | 41.4 | 34.2 | 51.4 |



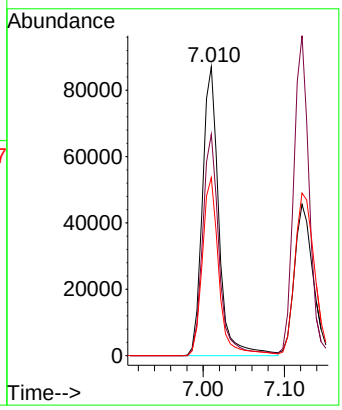


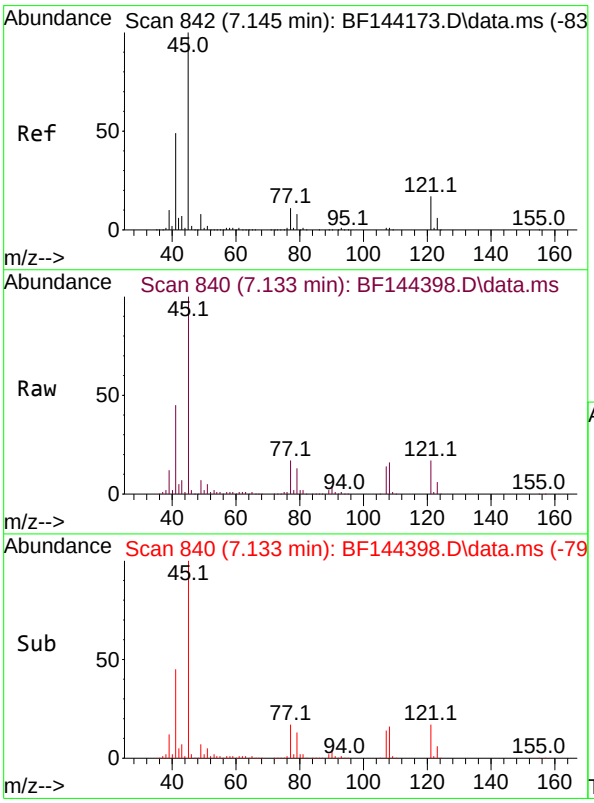

#15
Benzyl Alcohol
Concen: 37.293 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 122264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.6 | 58.2 | 87.4 |
| 77 | 61.6 | 49.9 | 74.9 |

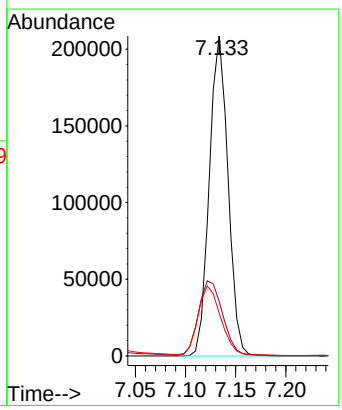


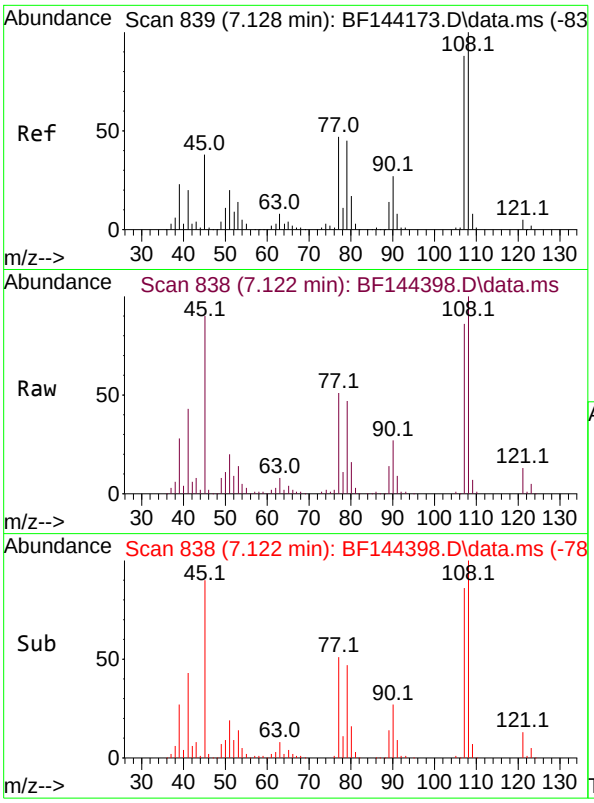




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.742 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 45 Resp: 269759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.0 | 0.0 | 31.8 |
| 79 | 13.4 | 0.0 | 29.1 |



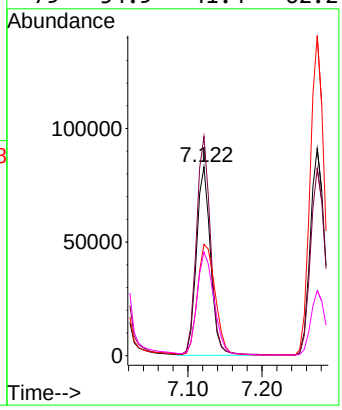


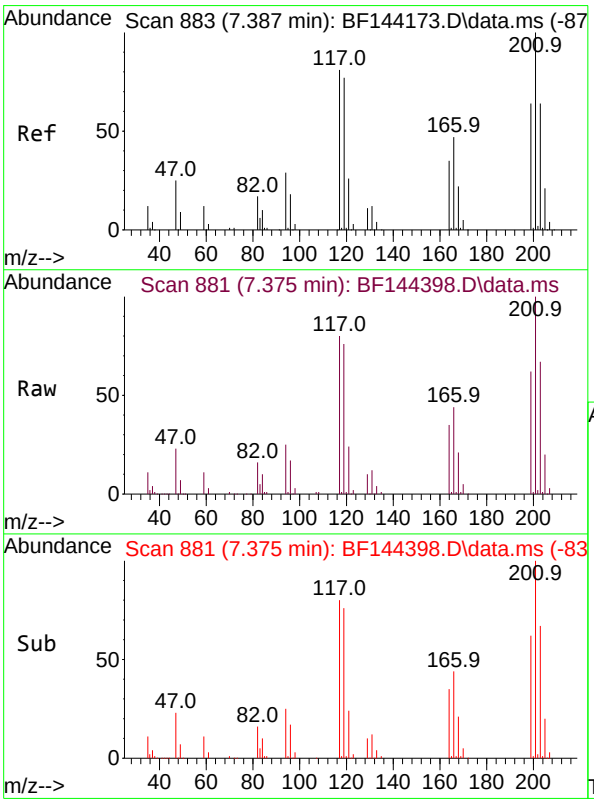

#17
2-Methylphenol
Concen: 38.673 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 110247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.0 | 91.0 | 136.4 |
| 77 | 59.0 | 42.7 | 64.1 |
| 79 | 54.9 | 41.4 | 62.2 |

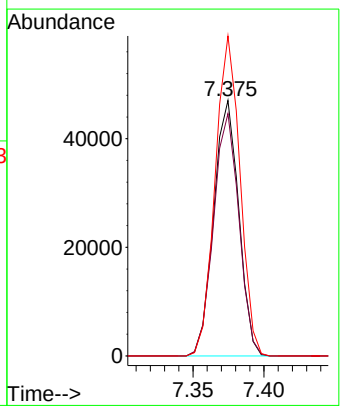


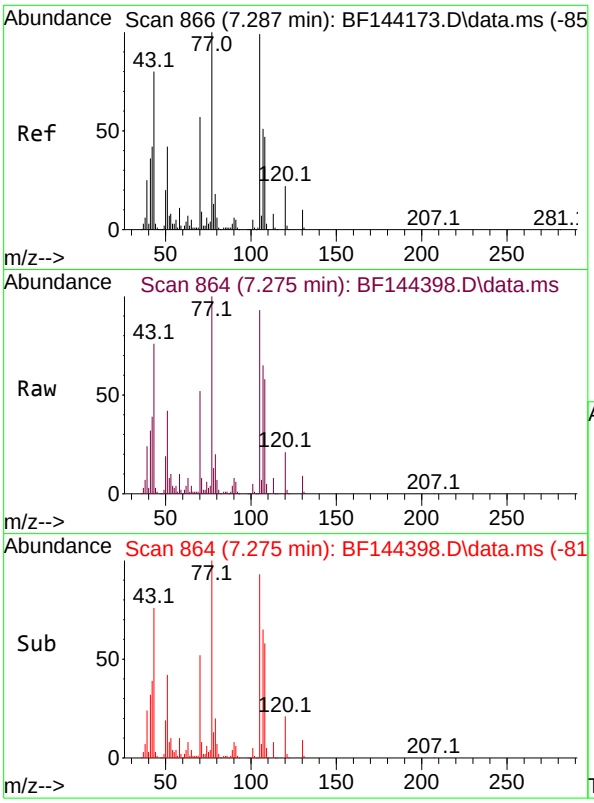




#18
Hexachloroethane
Concen: 39.203 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:117 Resp: 57699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.9 | 75.8 | 113.8 |
| 201 | 125.3 | 98.9 | 148.3 |



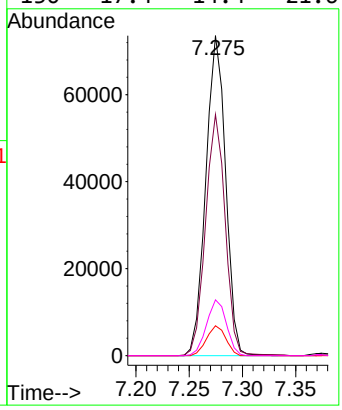


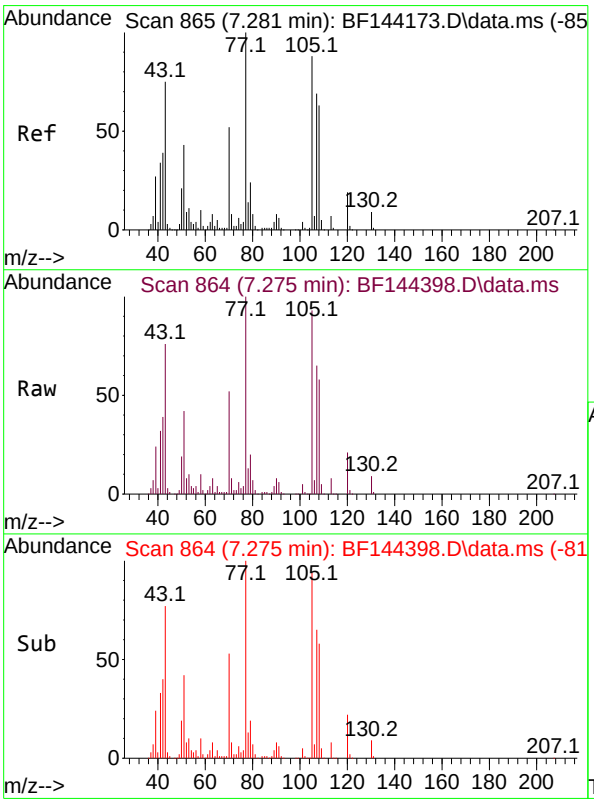

#19
n-Nitroso-di-n-propylamine
Concen: 34.924 ng
RT: 7.275 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 95189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 75.3 | 58.3 | 87.5 |
| 101 | 9.3 | 7.0 | 10.6 |
| 130 | 17.4 | 14.4 | 21.6 |

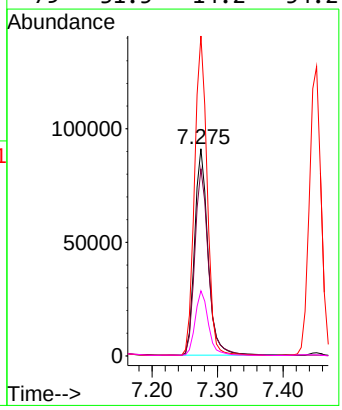


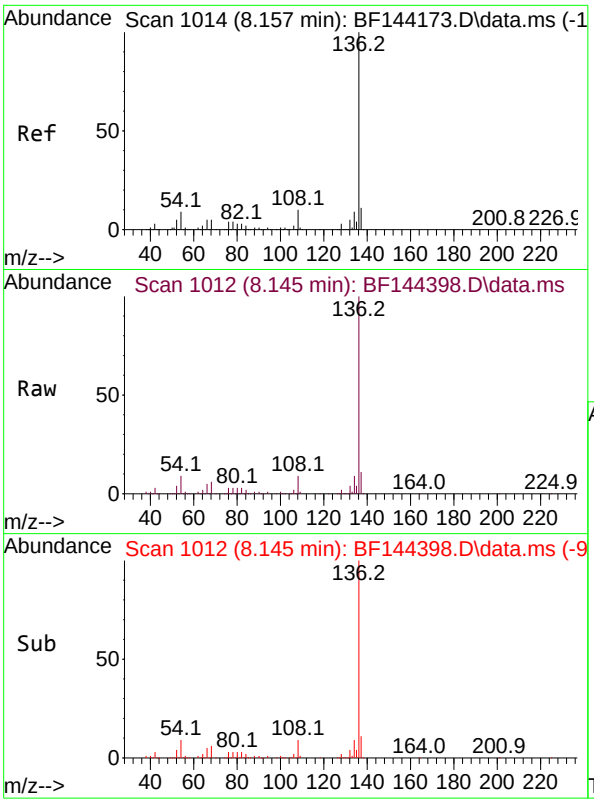




#20
3+4-Methylphenols
Concen: 38.299 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:107 Resp: 128704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 70.2 | 110.2 |
| 77 | 154.6 | 123.9 | 163.9 |
| 79 | 31.5 | 14.2 | 54.2 |



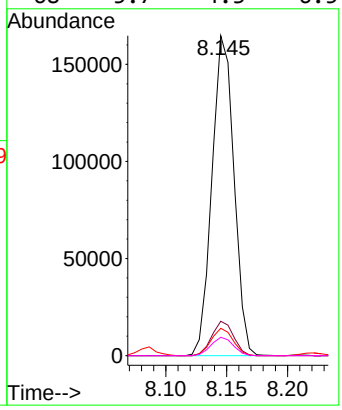


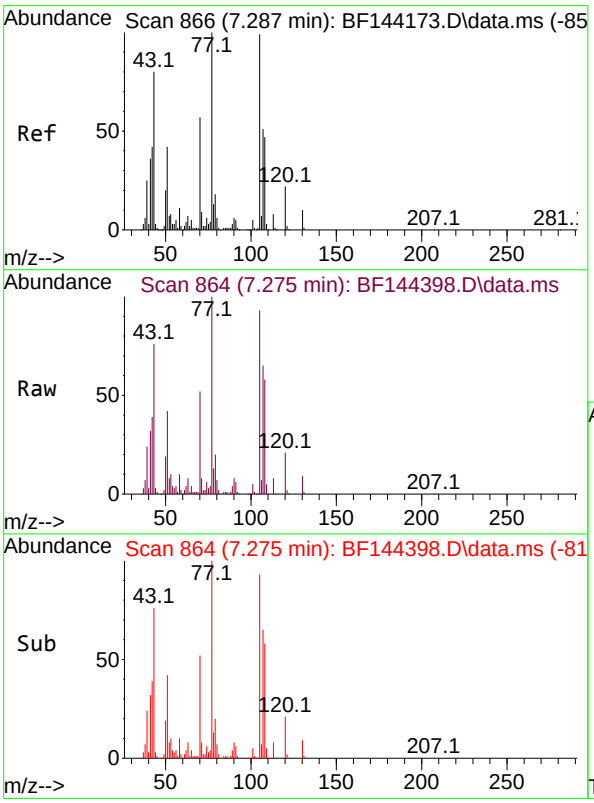

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 207500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 8.5 | 7.0 | 10.6 |
| 68 | 5.7 | 4.3 | 6.5 |

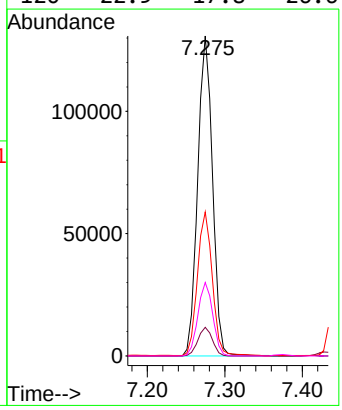


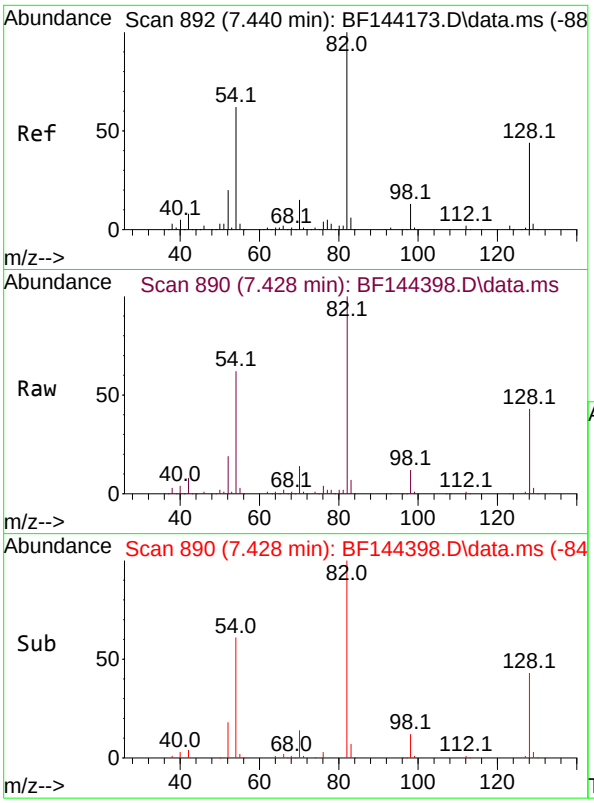




#22
Acetophenone
Concen: 39.015 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:105 Resp: 173670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.9 | 7.2 | 10.8 |
| 51 | 45.0 | 34.0 | 51.0 |
| 120 | 22.9 | 17.8 | 26.6 |



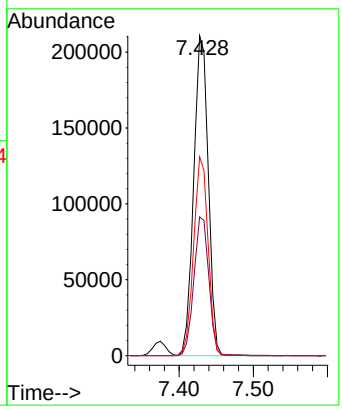


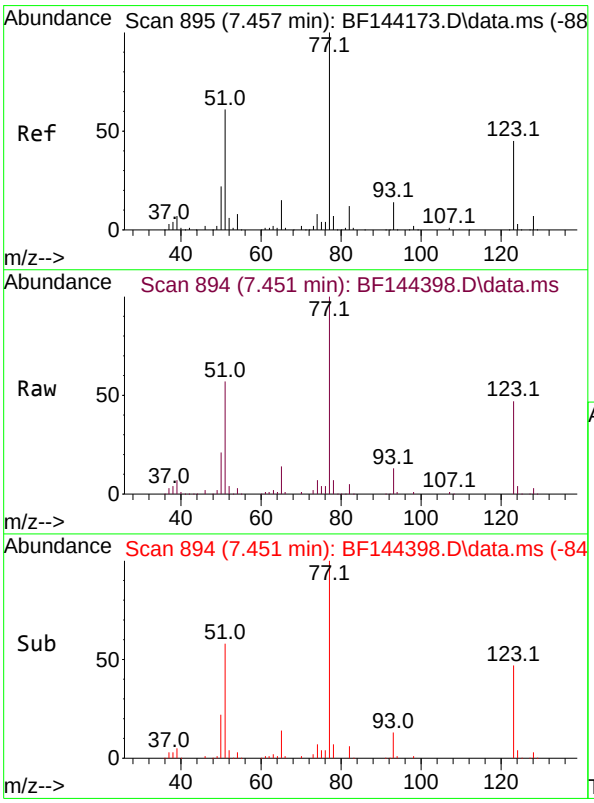

#23
Nitrobenzene-d5
Concen: 80.266 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 288375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 34.7 | 52.1 |
| 54 | 62.1 | 49.5 | 74.3 |

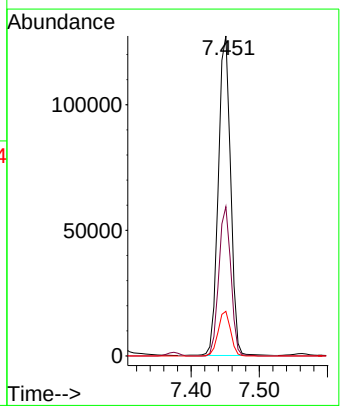


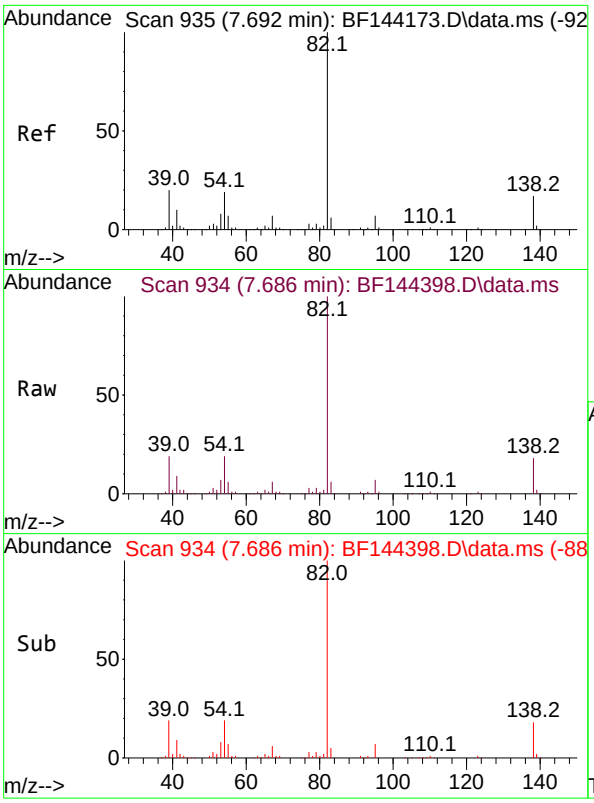




#24
Nitrobenzene
Concen: 40.541 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 77 Resp: 158147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.6 | 35.8 | 53.8 |
| 65 | 13.9 | 12.2 | 18.2 |



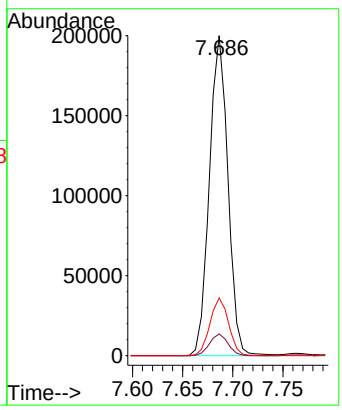


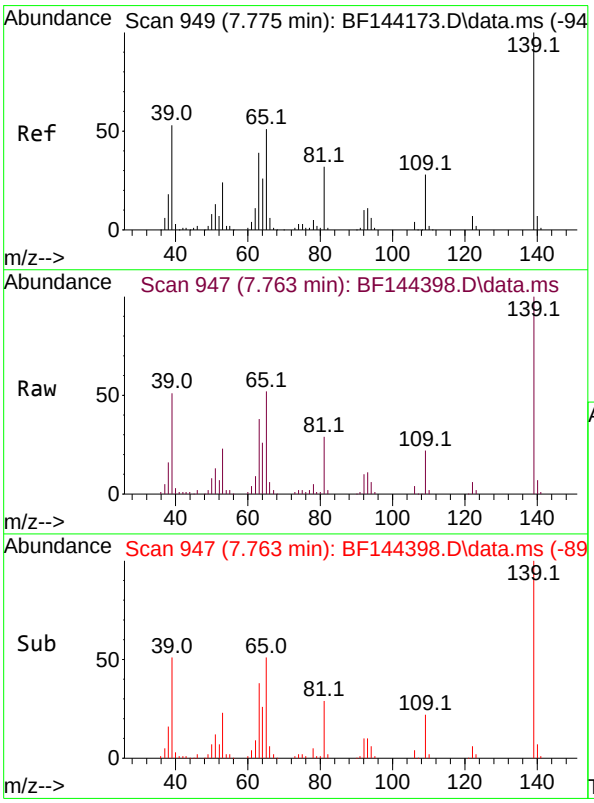

#25
Isophorone
Concen: 37.889 ng
RT: 7.686 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 257488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.8 | 5.5 | 8.3 |
| 138 | 18.0 | 13.7 | 20.5 |

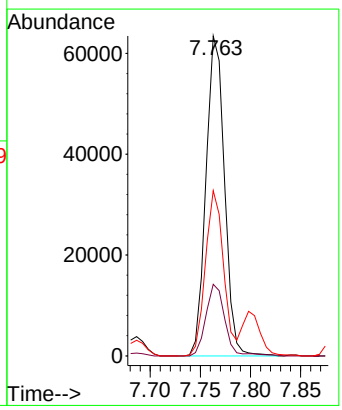


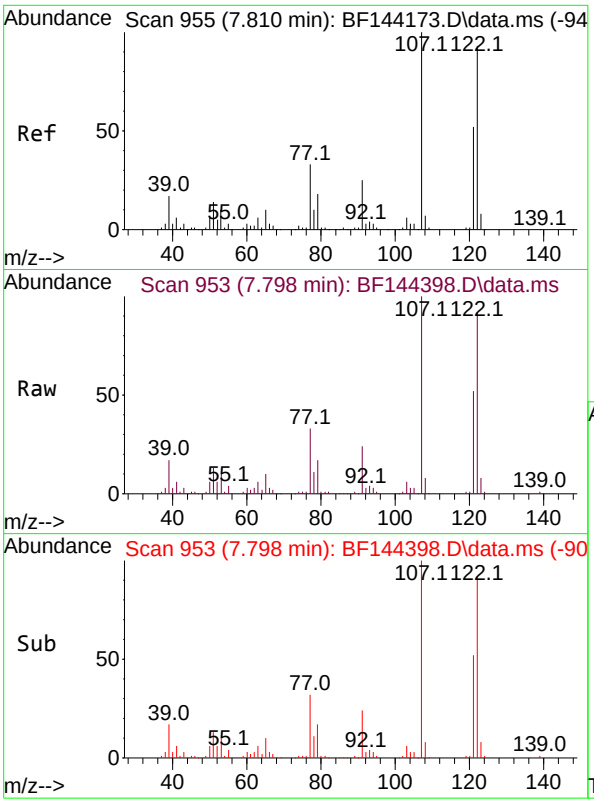




#26
2-Nitrophenol
Concen: 42.197 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:139 Resp: 81483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 22.4 | 22.2 | 33.2 |
| 65 | 51.6 | 40.7 | 61.1 |



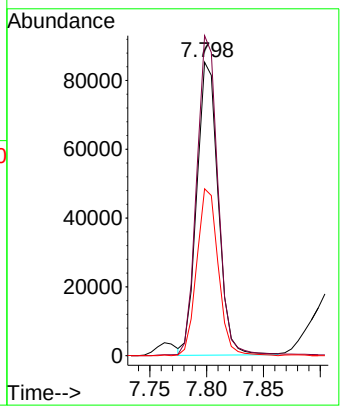


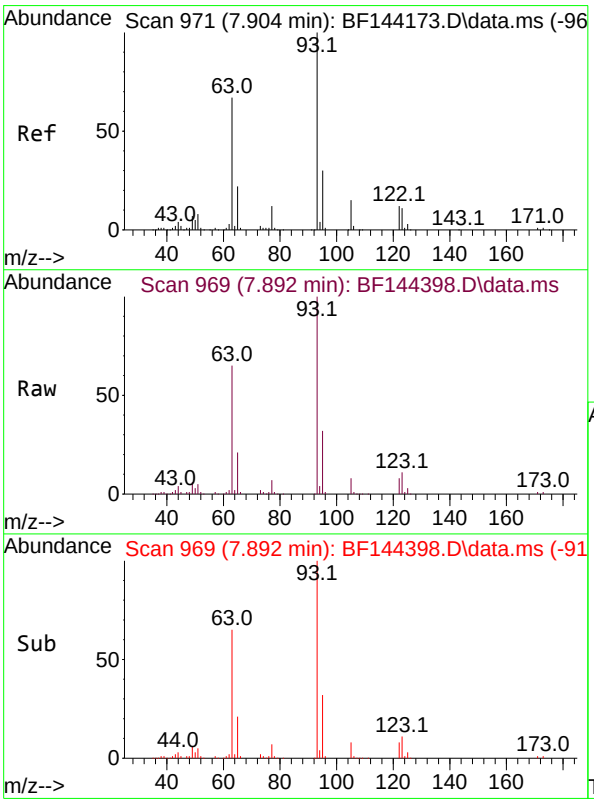

#27
2,4-Dimethylphenol
Concen: 38.558 ng
RT: 7.798 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 111598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.1 | 86.2 | 129.4 |
| 121 | 56.9 | 44.6 | 66.8 |

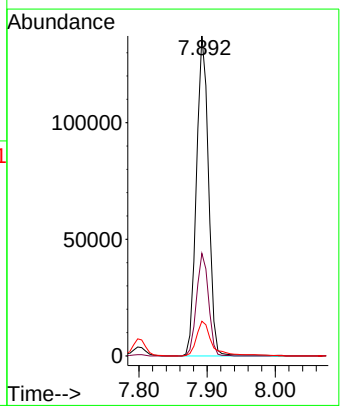


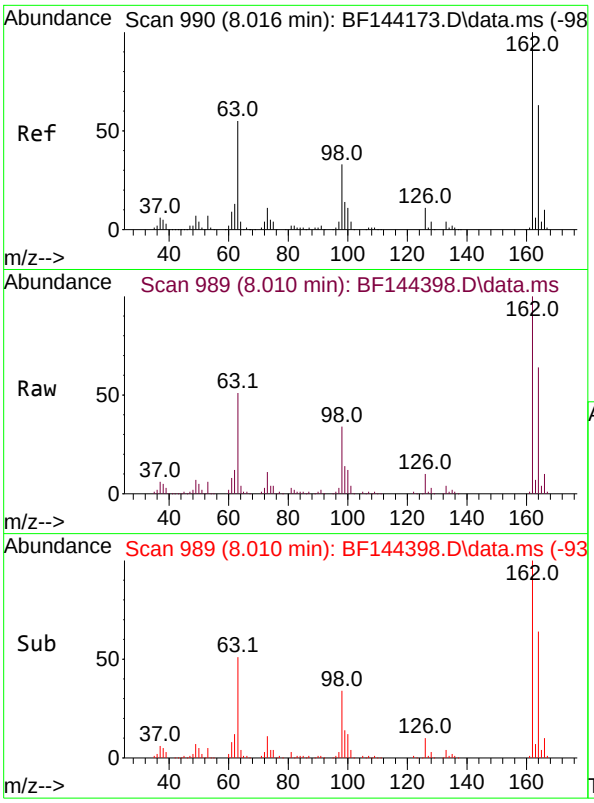




#28
bis(2-Chloroethoxy)methane
Concen: 39.941 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 93 Resp: 169498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.0 | 24.2 | 36.4 |
| 123 | 10.8 | 9.0 | 13.4 |



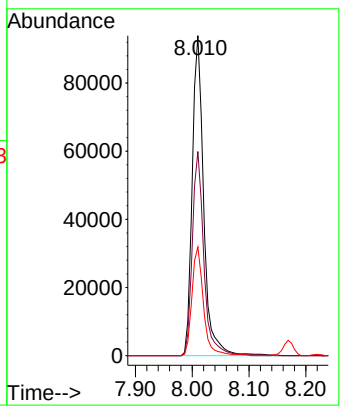


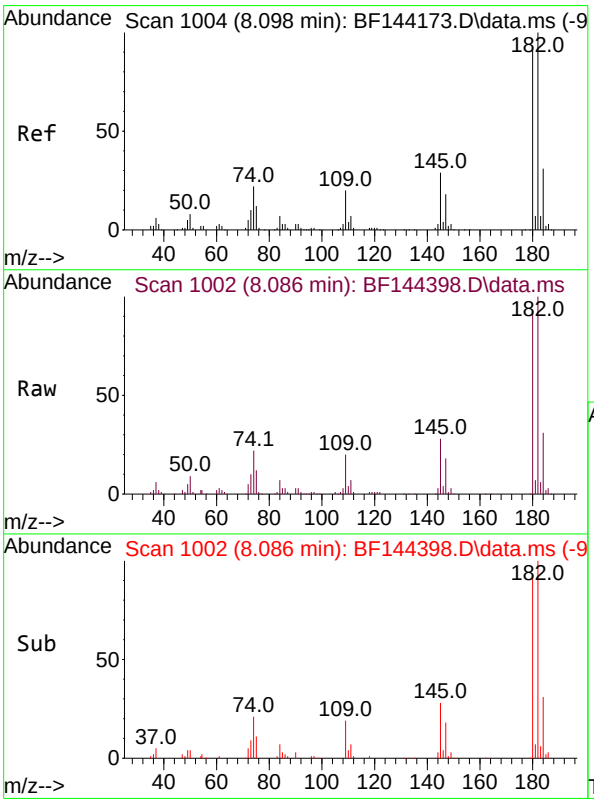

#29
2,4-Dichlorophenol
Concen: 39.413 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 131476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 42.9 | 82.9 |
| 98 | 33.9 | 13.3 | 53.3 |

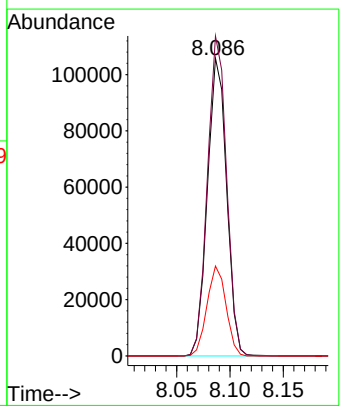


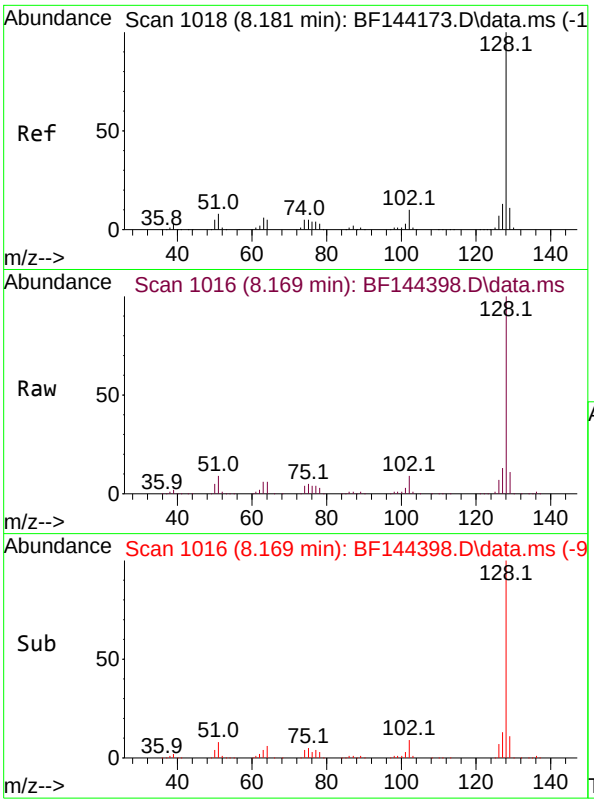




#30
1,2,4-Trichlorobenzene
Concen: 38.785 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:180 Resp: 132854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 107.5 | 87.7 | 131.5 |
| 145 | 30.2 | 25.4 | 38.0 |



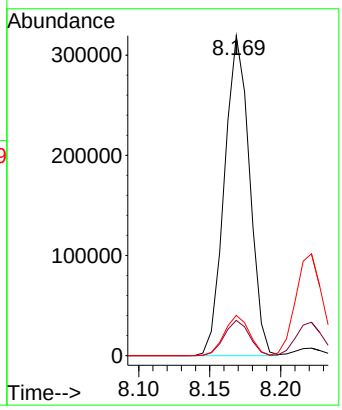


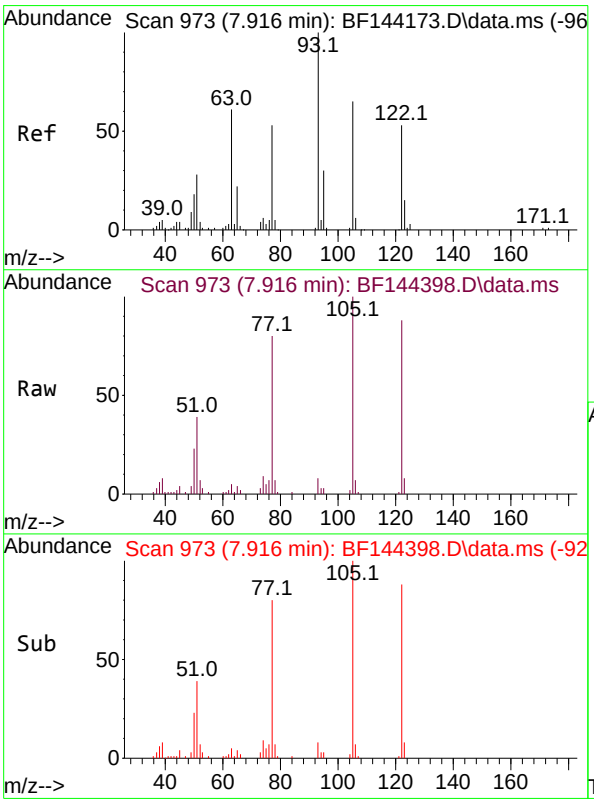

#31
Naphthalene
Concen: 39.736 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 392214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.9 | 13.3 |
| 127 | 12.6 | 10.3 | 15.5 |

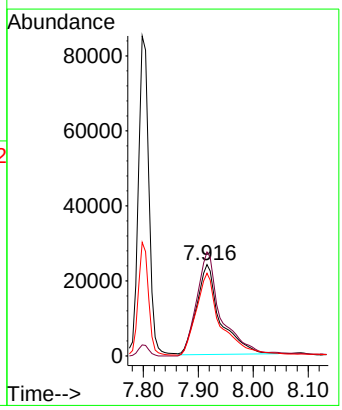


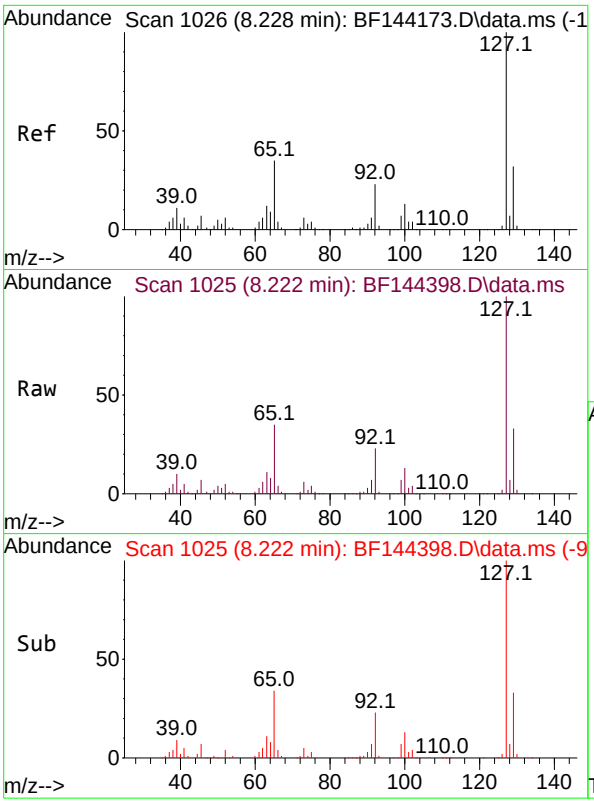




#32
Benzoic acid
Concen: 33.973 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:122 Resp: 72076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 113.7 | 99.9 | 139.9 |
| 77 | 90.5 | 77.5 | 117.5 |



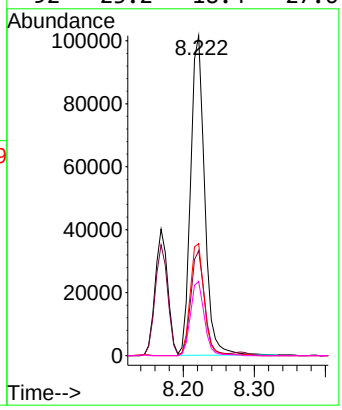


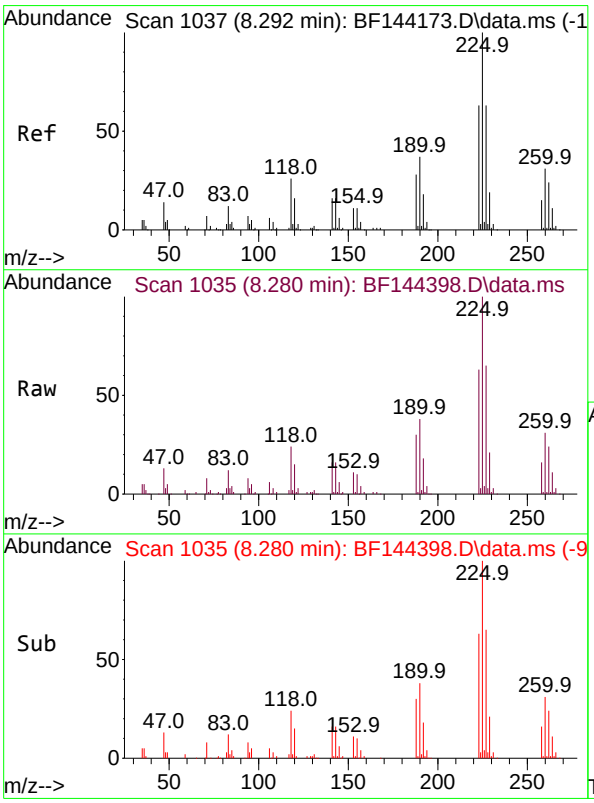

#33
4-Chloroaniline
Concen: 38.688 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 139276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.8 | 25.3 | 37.9 |
| 65 | 35.0 | 27.6 | 41.4 |
| 92 | 23.2 | 18.4 | 27.6 |

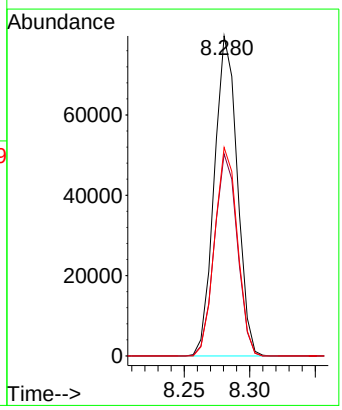


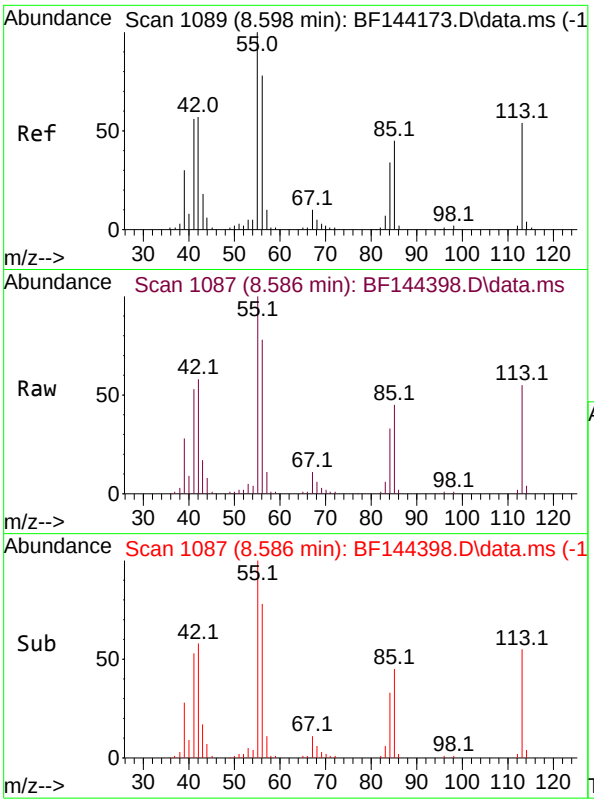




#34
Hexachlorobutadiene
Concen: 37.570 ng
RT: 8.280 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:225 Resp: 96989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 50.2 | 75.4 |
| 227 | 65.1 | 50.1 | 75.1 |



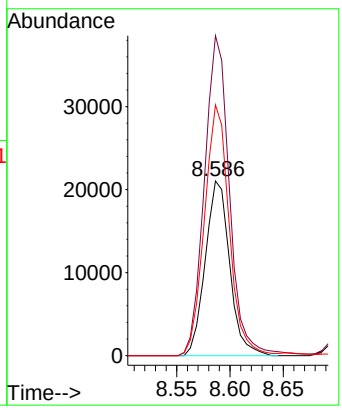


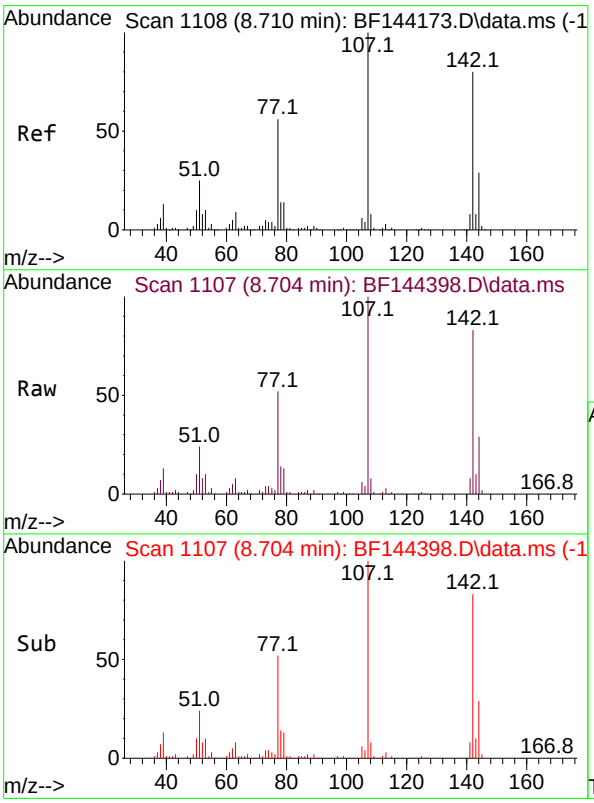

#35
Caprolactam
Concen: 36.678 ng
RT: 8.586 min Scan# 10
Delta R.T. -0.035 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 33521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 183.2 | 166.8 | 206.8 |
| 56 | 143.5 | 125.9 | 165.9 |

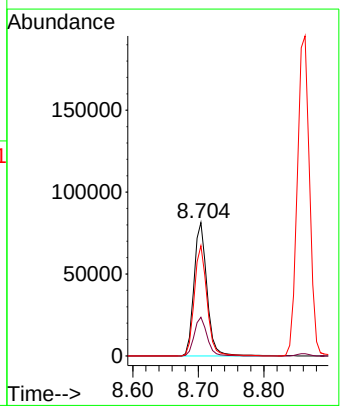


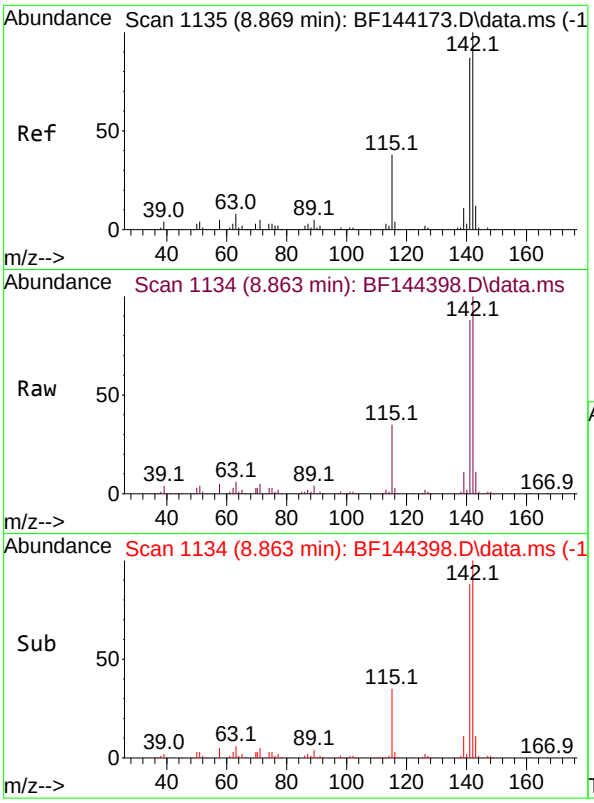




#36
4-Chloro-3-methylphenol
Concen: 37.236 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:107 Resp: 111321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.0 | 23.3 | 34.9 |
| 142 | 82.6 | 63.8 | 95.6 |



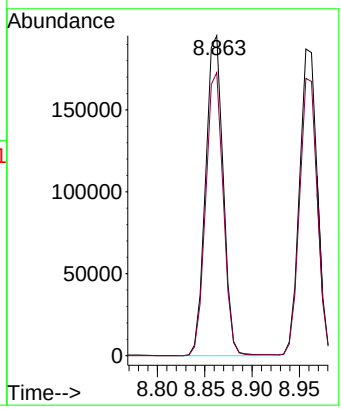


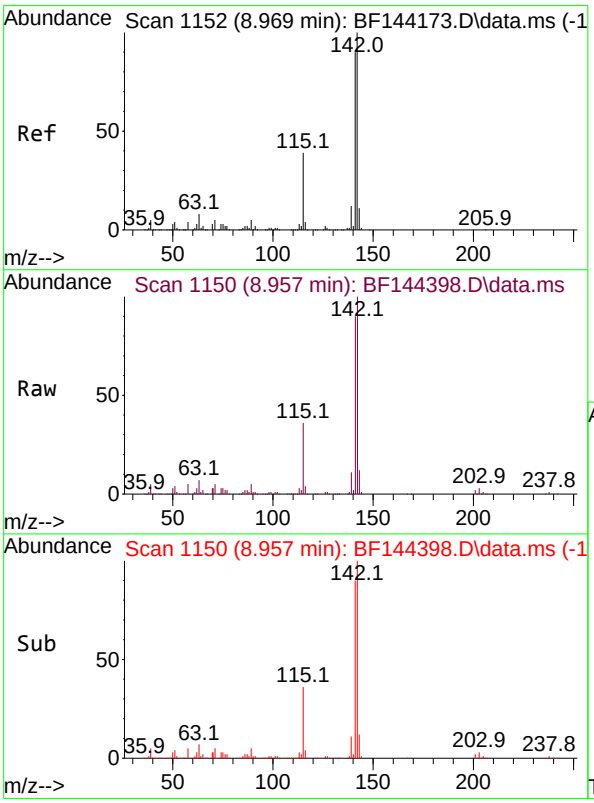

#37
2-Methylnaphthalene
Concen: 38.401 ng
RT: 8.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 253425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 69.9 | 104.9 |

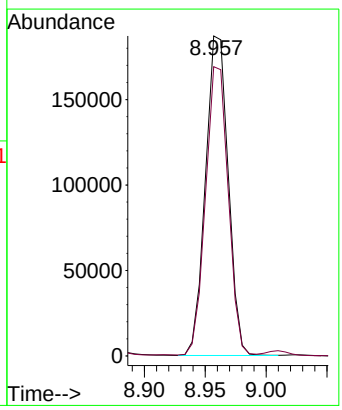


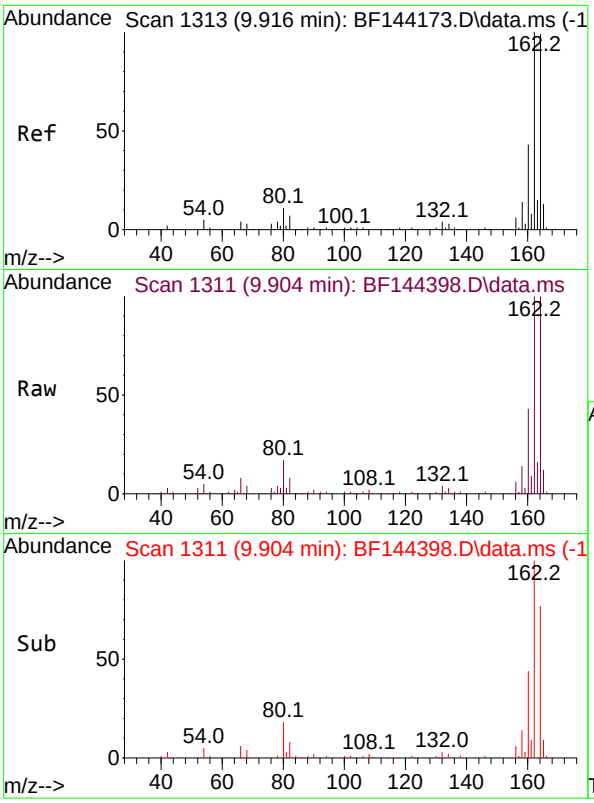




#38
1-Methylnaphthalene
Concen: 38.249 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:142 Resp: 243561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.1 | 108.1 |



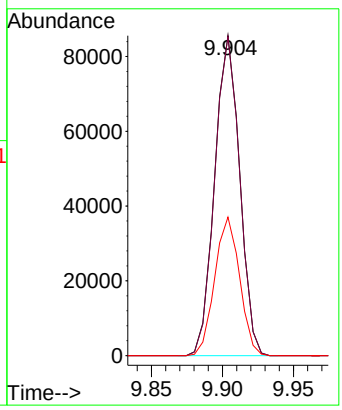


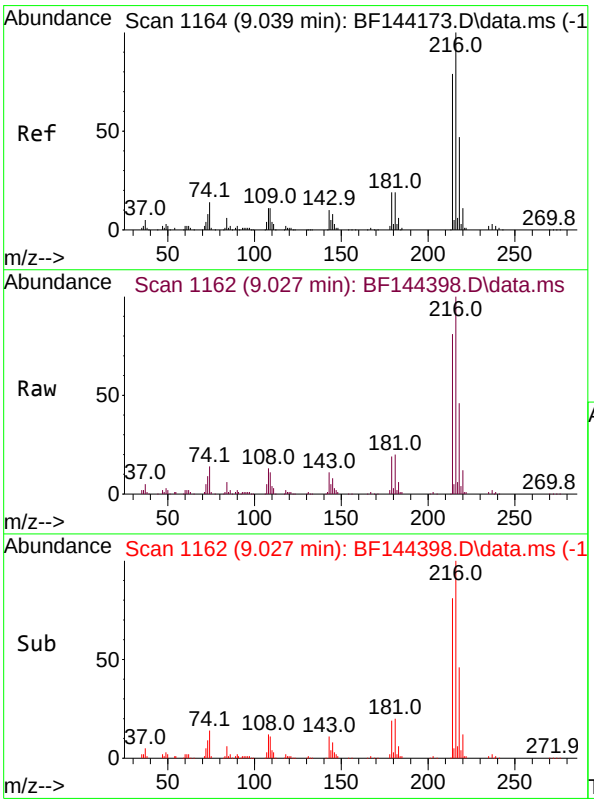

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 104779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 81.1 | 121.7 |
| 160 | 43.3 | 34.5 | 51.7 |

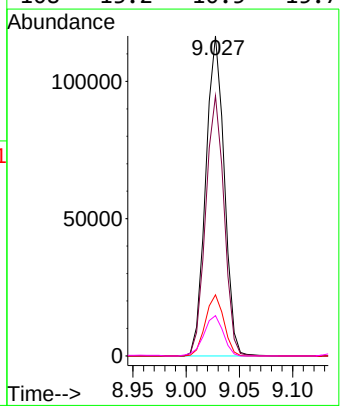


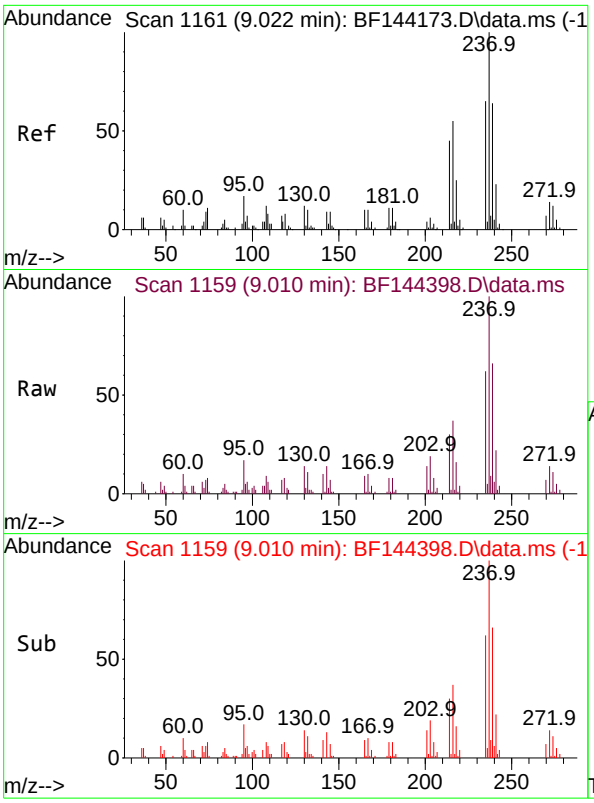




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.057 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:216 Resp: 140988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.4 | 63.4 | 95.2 |
| 179 | 19.0 | 15.0 | 22.4 |
| 108 | 13.2 | 10.5 | 15.7 |



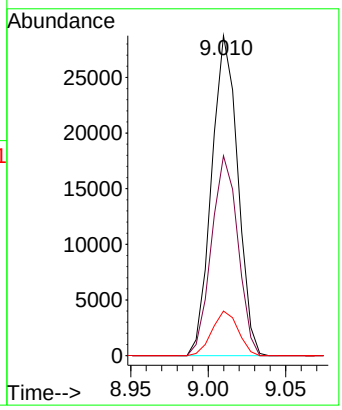


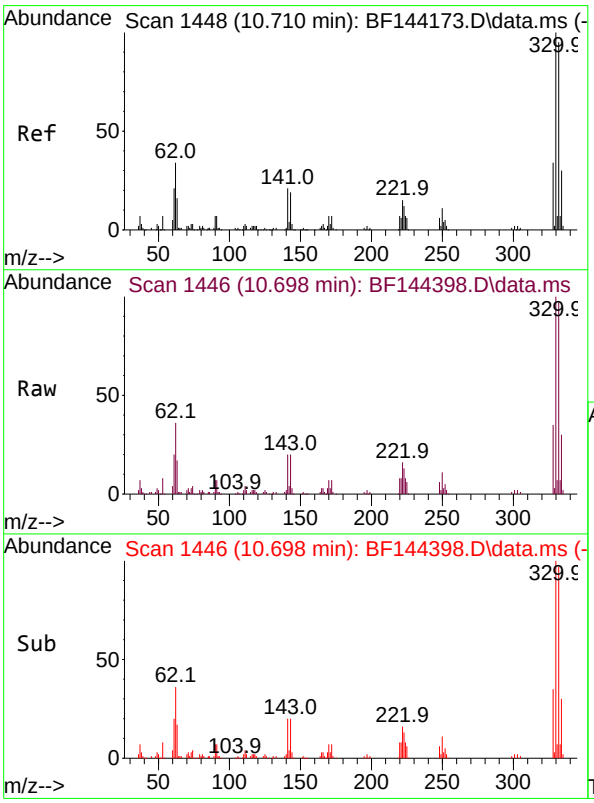

#41
Hexachlorocyclopentadiene
Concen: 33.971 ng
RT: 9.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 33757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.4 | 45.5 | 85.5 |
| 272 | 13.9 | 0.0 | 33.5 |

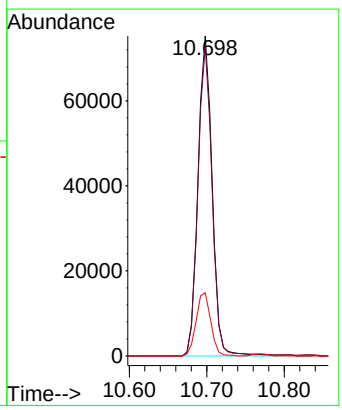


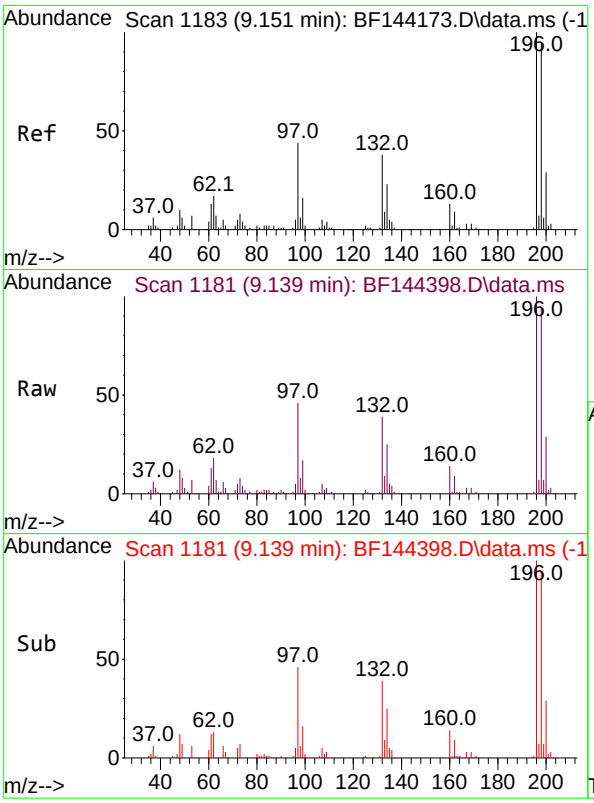




#42
2,4,6-Tribromophenol
Concen: 72.710 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:330 Resp: 95603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 76.7 | 115.1 |
| 141 | 20.3 | 17.8 | 26.8 |



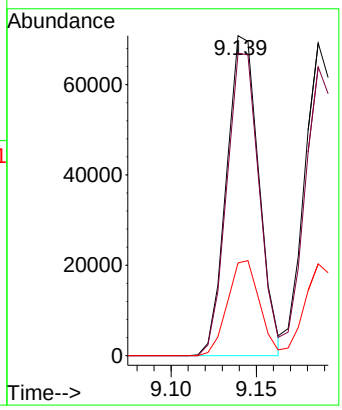


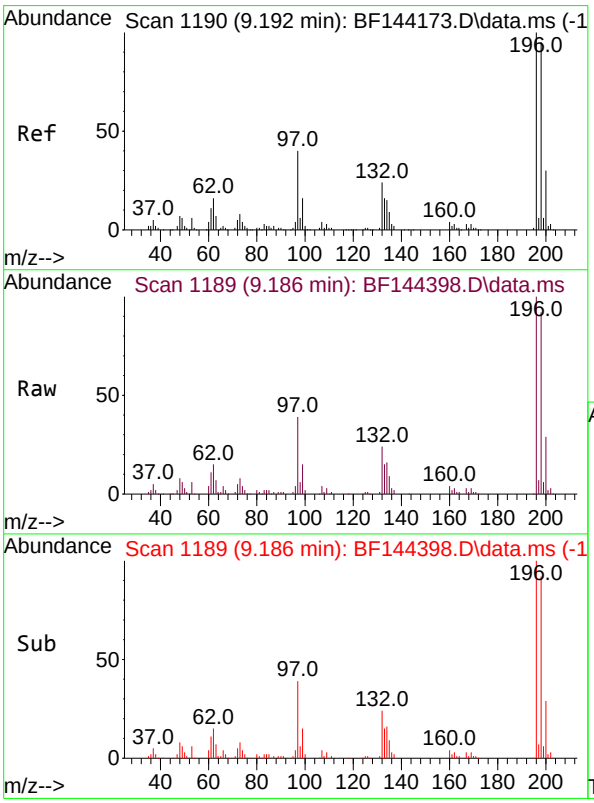

#43
2,4,6-Trichlorophenol
Concen: 39.936 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 93338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 75.3 | 112.9 |
| 200 | 29.0 | 23.4 | 35.2 |

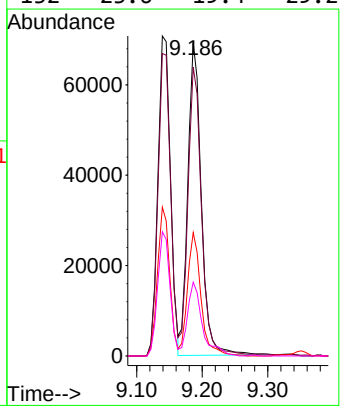


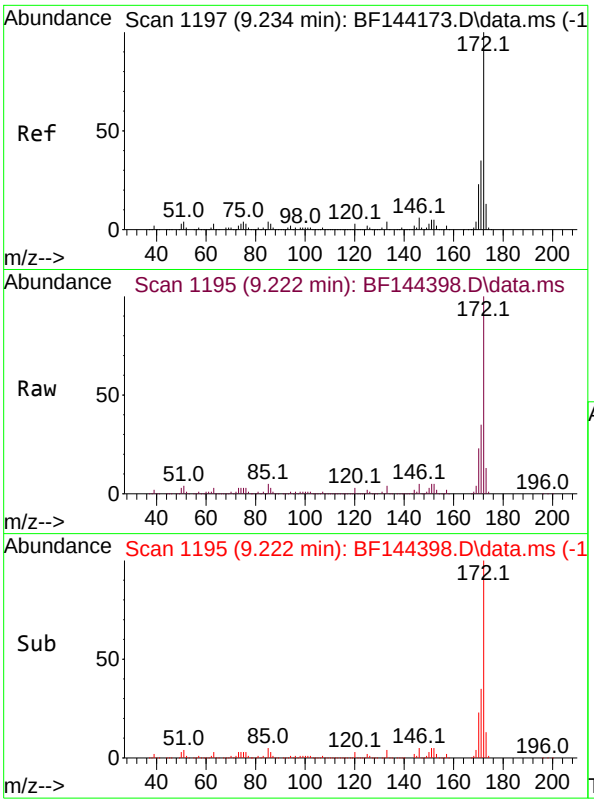




#44
2,4,5-Trichlorophenol
Concen: 39.528 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:196 Resp: 99571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.3 | 76.1 | 114.1 |
| 97 | 39.4 | 31.9 | 47.9 |
| 132 | 23.6 | 19.4 | 29.2 |



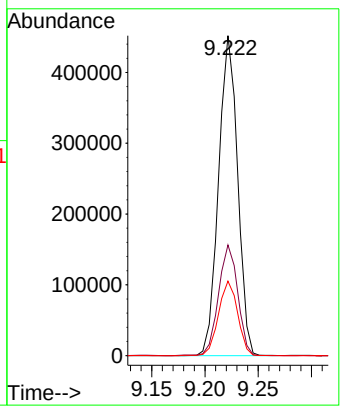


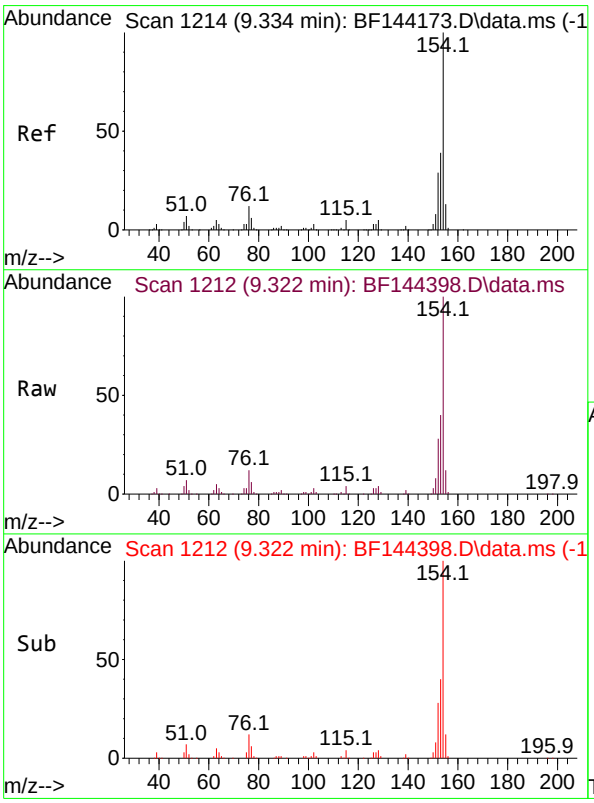

#45
2-Fluorobiphenyl
Concen: 79.315 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 562692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.1 | 42.1 |
| 170 | 23.3 | 18.6 | 28.0 |

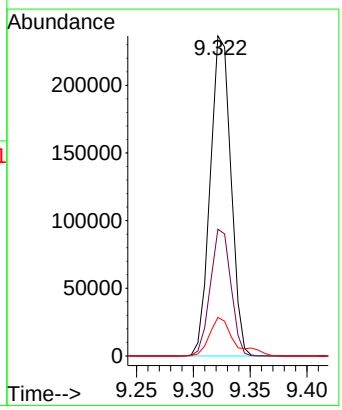


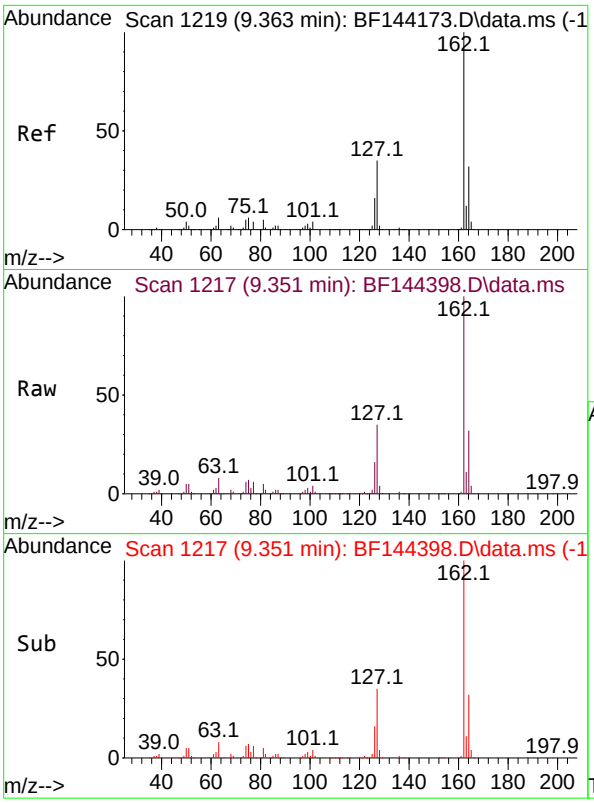




#46
1,1'-Biphenyl
Concen: 41.010 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:154 Resp: 299944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.6 | 19.2 | 59.2 |
| 76 | 12.0 | 0.0 | 31.8 |



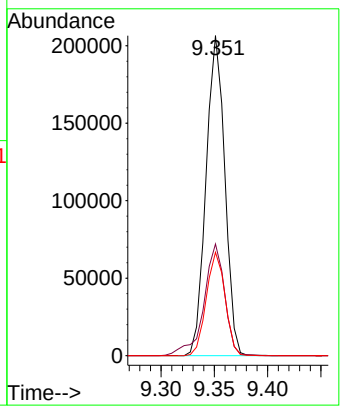


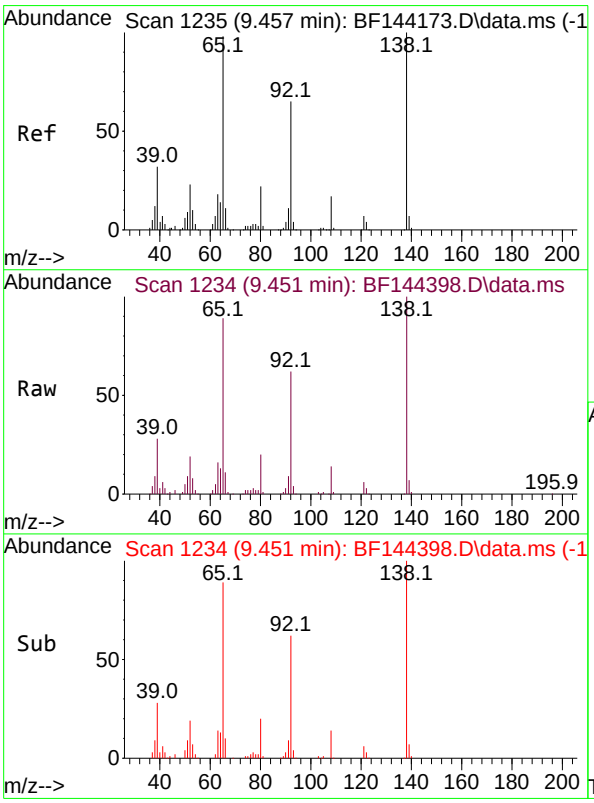

#47
2-Chloronaphthalene
Concen: 40.561 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 253055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 34.9 | 28.8 | 43.2 |
| 164 | 32.3 | 25.8 | 38.8 |

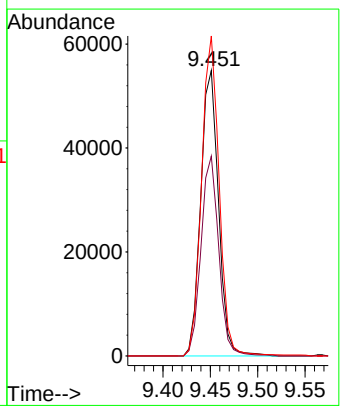


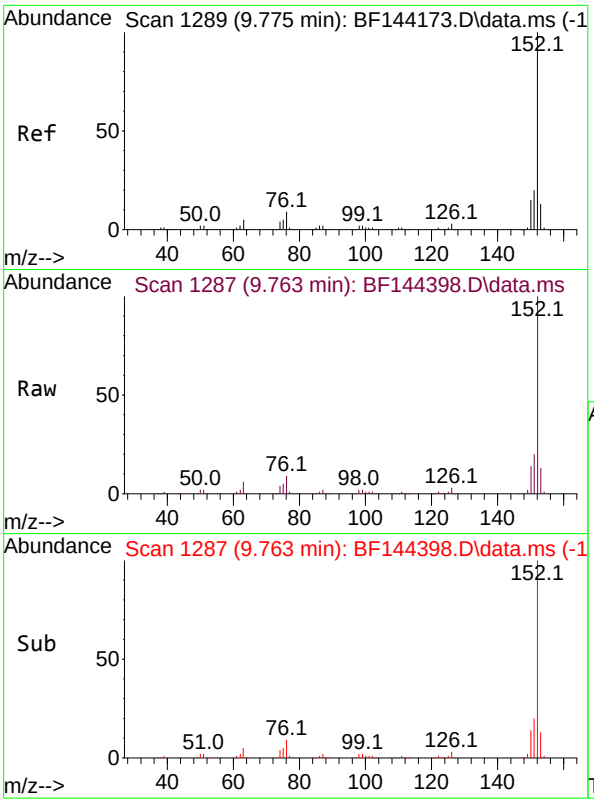




#48
2-Nitroaniline
Concen: 39.884 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion: 65 Resp: 71796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.0 | 53.0 | 79.6 |
| 138 | 112.2 | 81.6 | 122.4 |



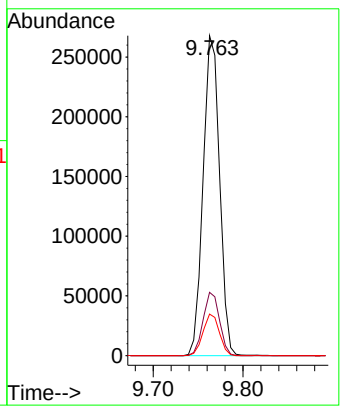


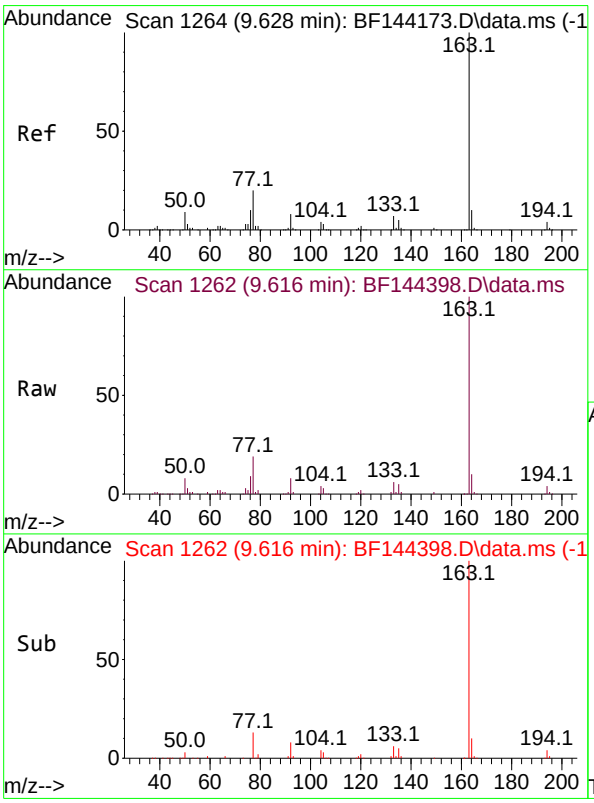

#49
Acenaphthylene
Concen: 40.132 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 341196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.0 | 10.5 | 15.7 |

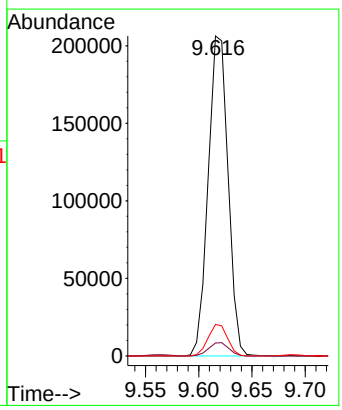


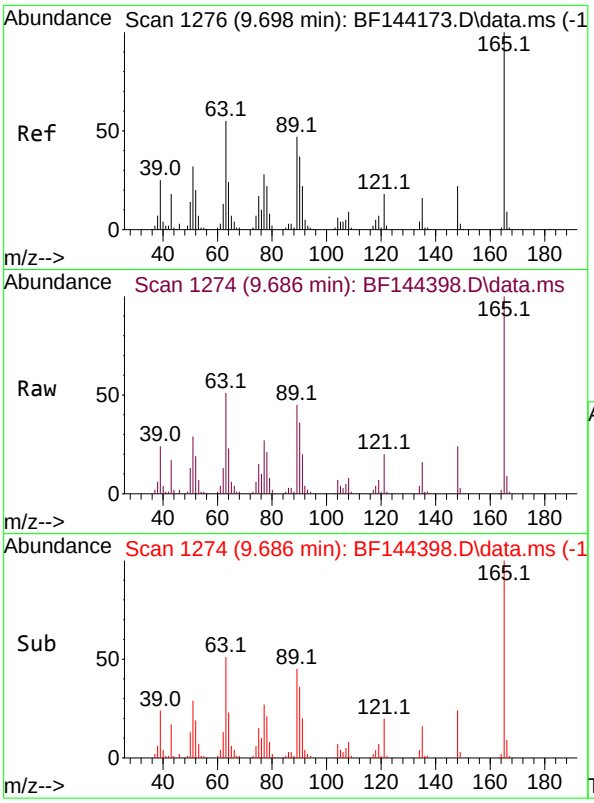




#50
Dimethylphthalate
Concen: 38.571 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:163 Resp: 267739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 9.8 | 8.1 | 12.1 |



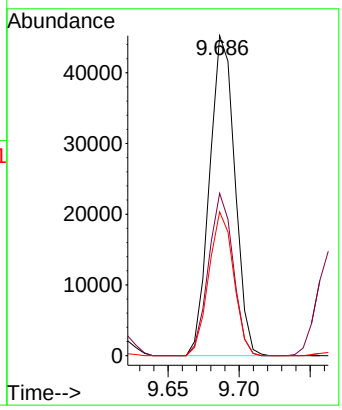


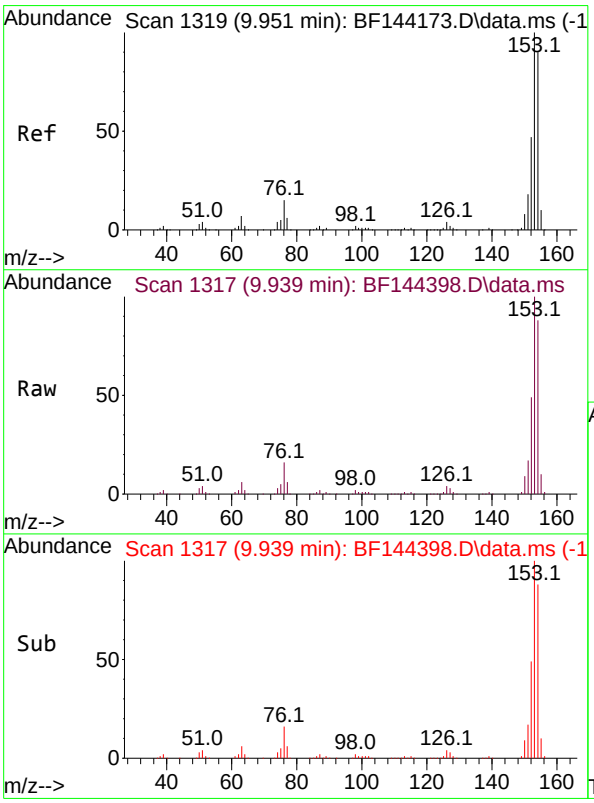

#51
2,6-Dinitrotoluene
Concen: 39.882 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 56041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.7 | 43.8 | 65.8 |
| 89 | 44.9 | 37.5 | 56.3 |

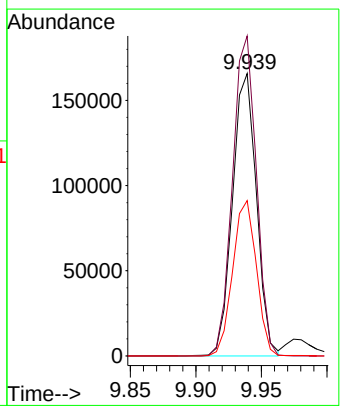


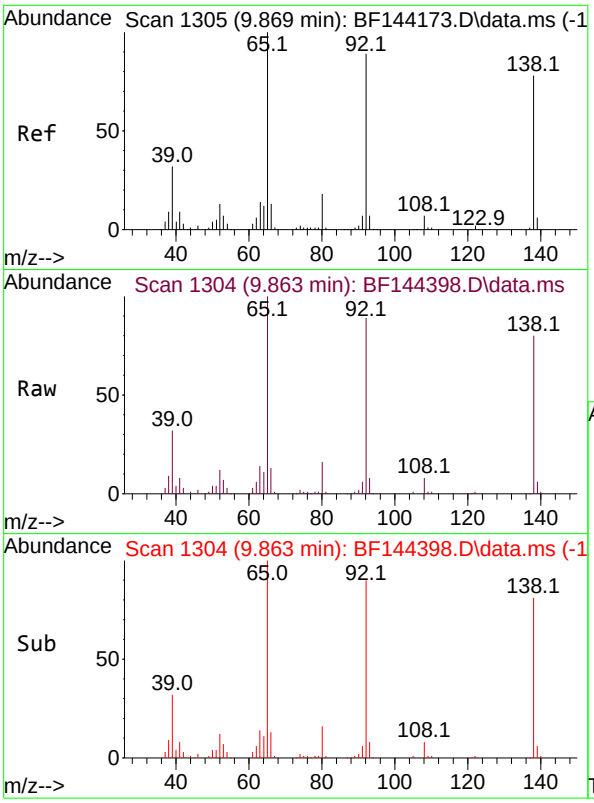




#52
Acenaphthene
Concen: 37.020 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:154 Resp: 210472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 89.0 | 133.4 |
| 152 | 55.0 | 42.2 | 63.4 |



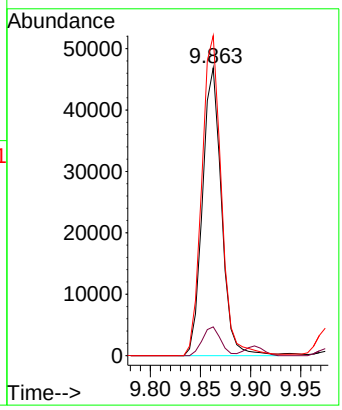


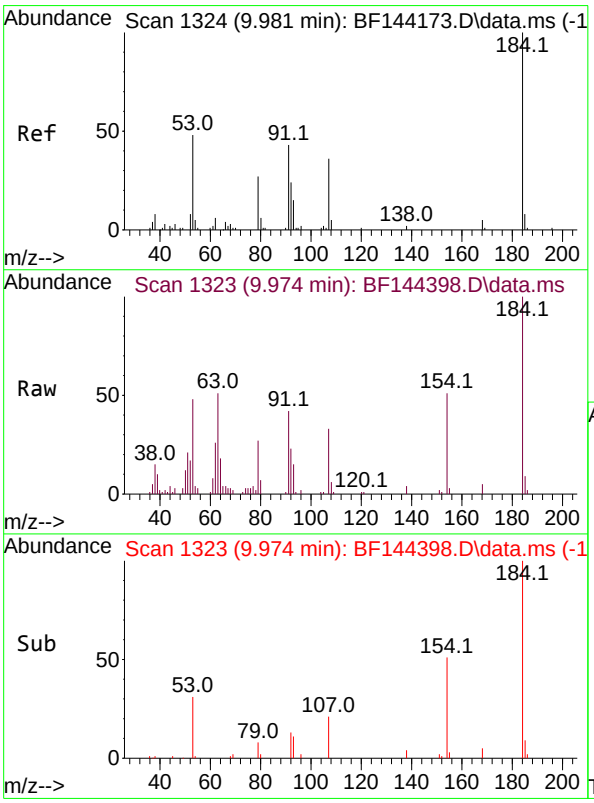

#53
3-Nitroaniline
Concen: 40.098 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 61592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.0 | 7.5 | 11.3 |
| 92 | 111.2 | 91.8 | 137.6 |

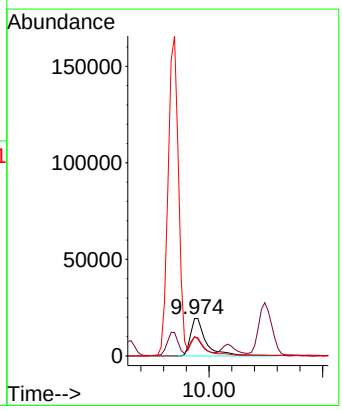


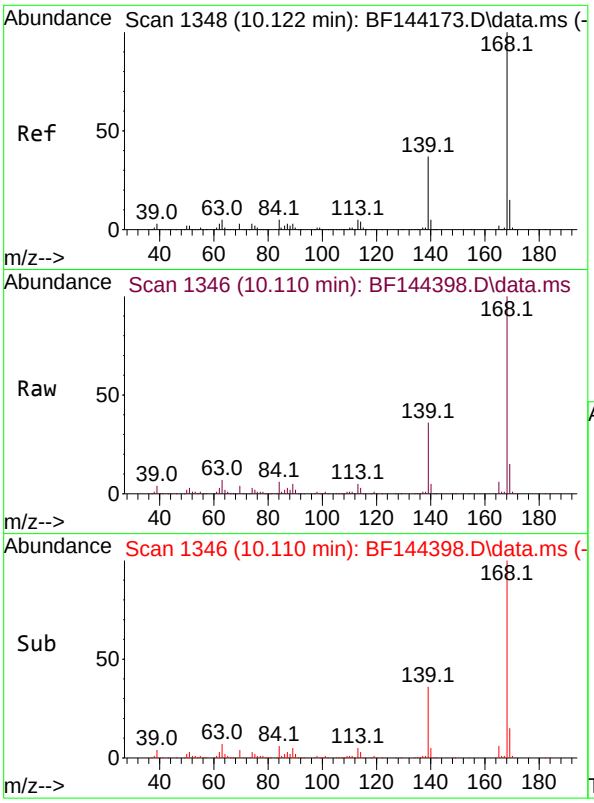




#54
2,4-Dinitrophenol
Concen: 43.917 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:184 Resp: 37264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.3 | 44.0 | 66.0 |
| 154 | 50.9 | 42.4 | 63.6 |



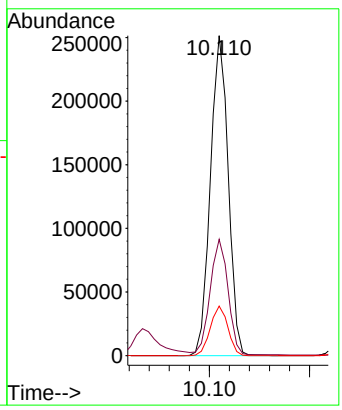


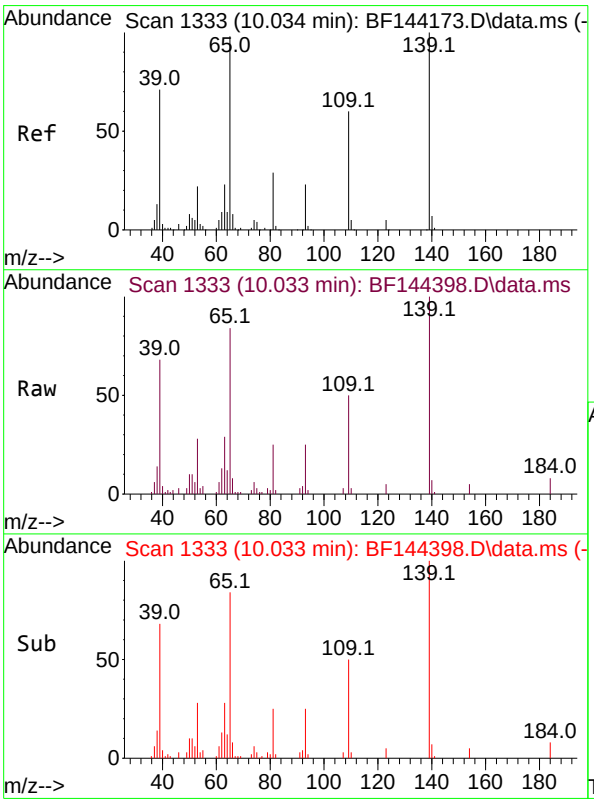

#55
Dibenzofuran
Concen: 38.987 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 310434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.3 | 30.2 | 45.2 |
| 169 | 15.5 | 12.2 | 18.4 |

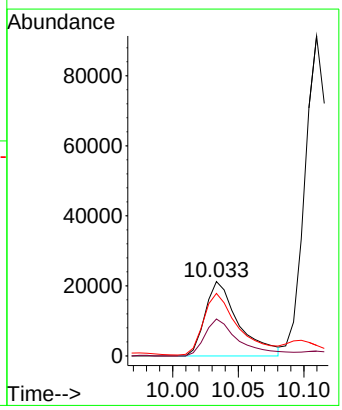


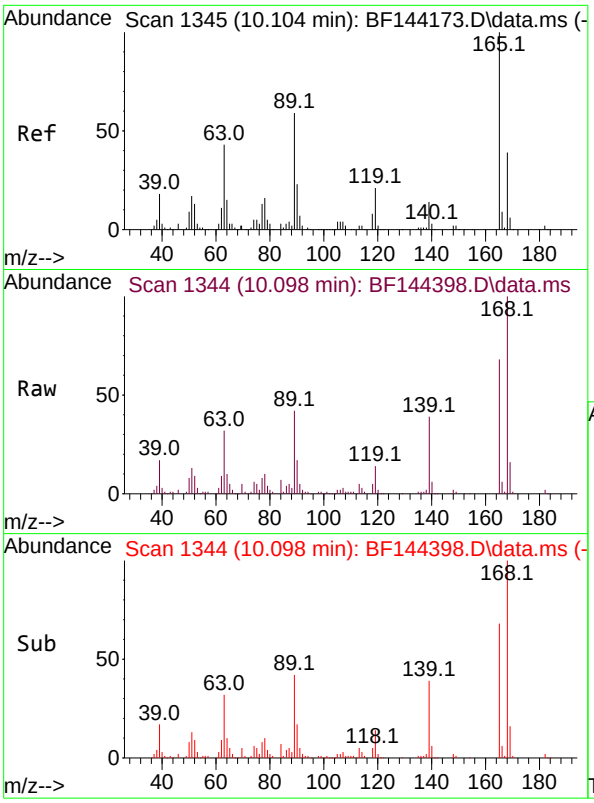




#56
4-Nitrophenol
Concen: 33.914 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:139 Resp: 37683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 49.6 | 39.9 | 79.9 |
| 65 | 84.2 | 79.5 | 119.5 |



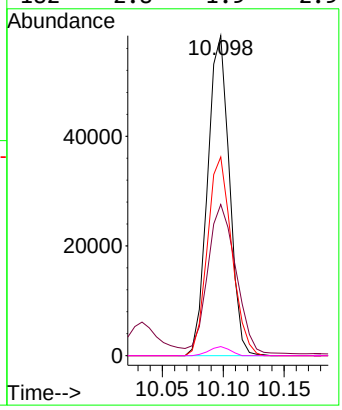


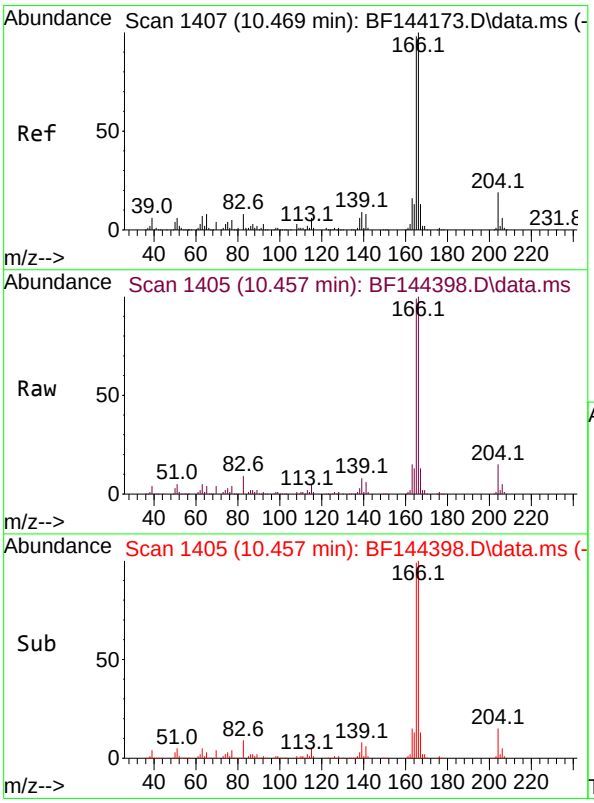

#57
2,4-Dinitrotoluene
Concen: 38.574 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 72562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.2 | 35.5 | 53.3 |
| 89 | 62.1 | 47.4 | 71.2 |
| 182 | 2.8 | 1.9 | 2.9 |

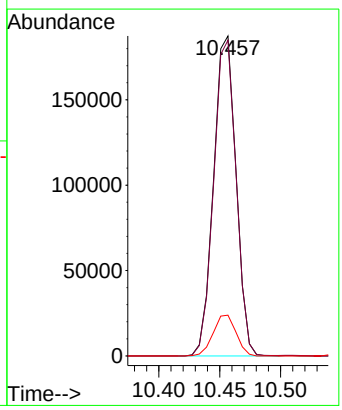


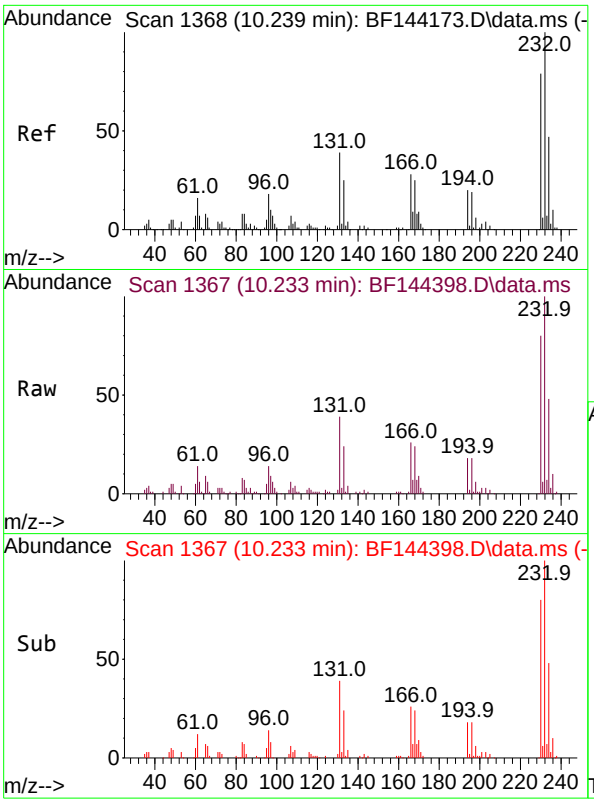




#58
Fluorene
Concen: 39.727 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:166 Resp: 240504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 78.6 | 118.0 |
| 167 | 12.7 | 10.4 | 15.6 |



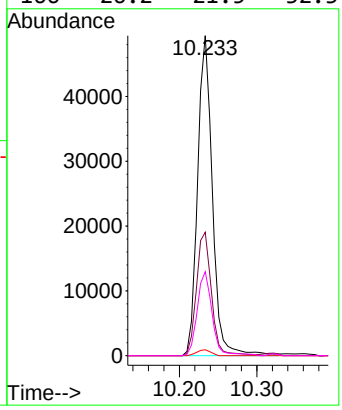


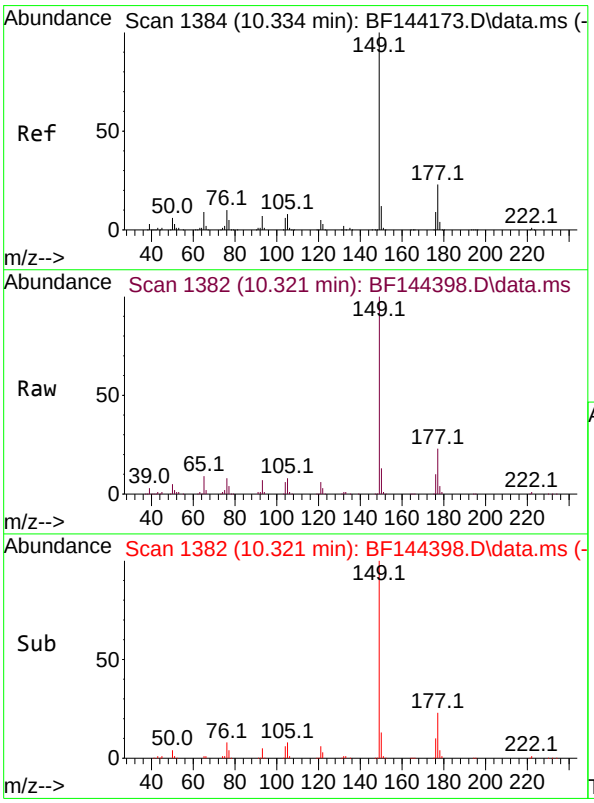

#59
2,3,4,6-Tetrachlorophenol
Concen: 36.777 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 65543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.9 | 30.3 | 45.5 |
| 130 | 1.7 | 1.2 | 1.8 |
| 166 | 26.2 | 21.5 | 32.3 |

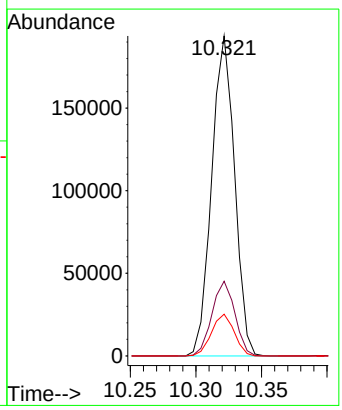


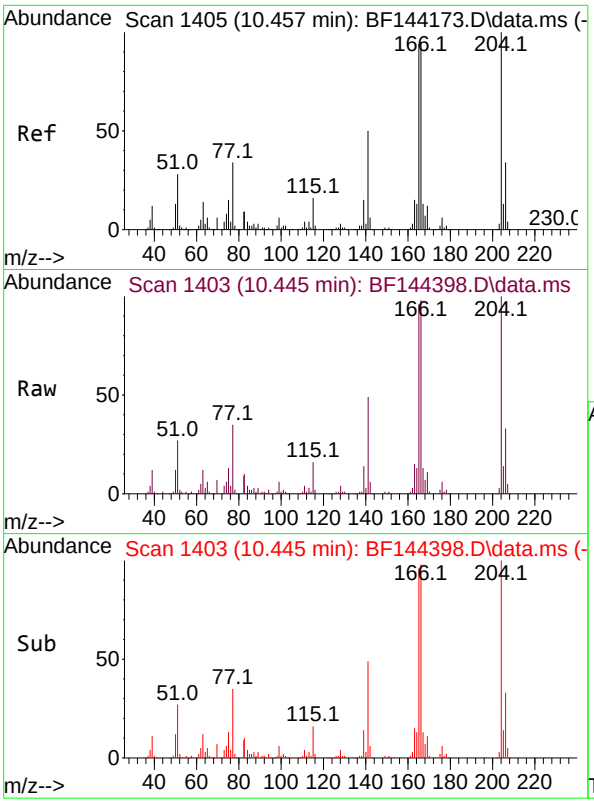




#60
Diethylphthalate
Concen: 36.825 ng
RT: 10.321 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:149 Resp: 235643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.3 | 18.3 | 27.5 |
| 150 | 13.0 | 9.8 | 14.6 |



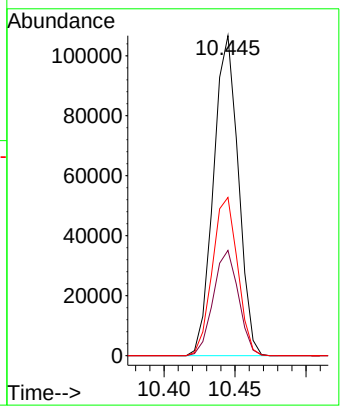


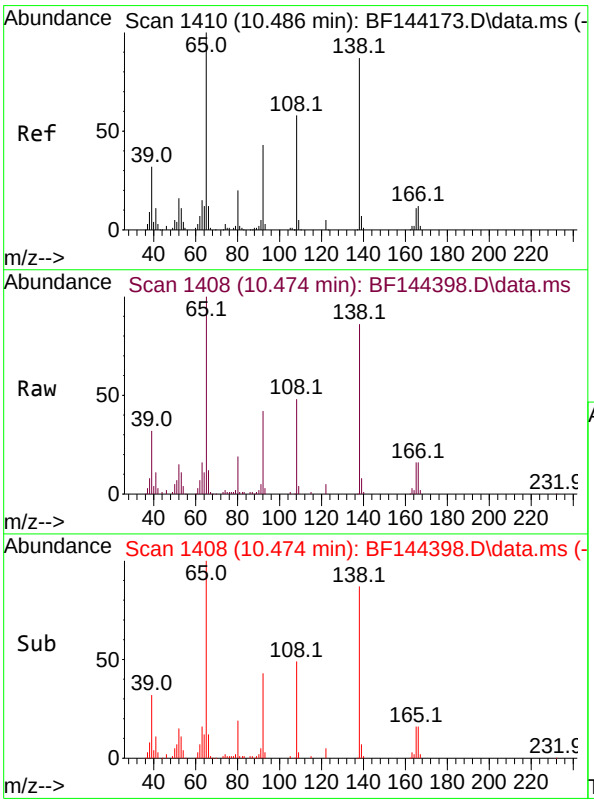

#61
4-Chlorophenyl-phenylether
Concen: 37.604 ng
RT: 10.445 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 129678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 27.4 | 41.2 |
| 141 | 49.4 | 40.0 | 60.0 |

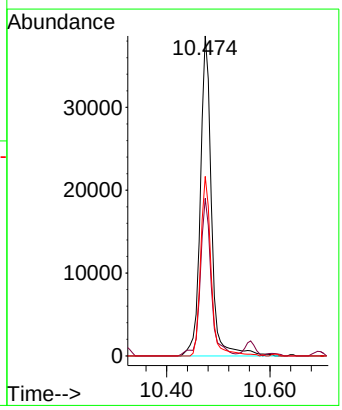


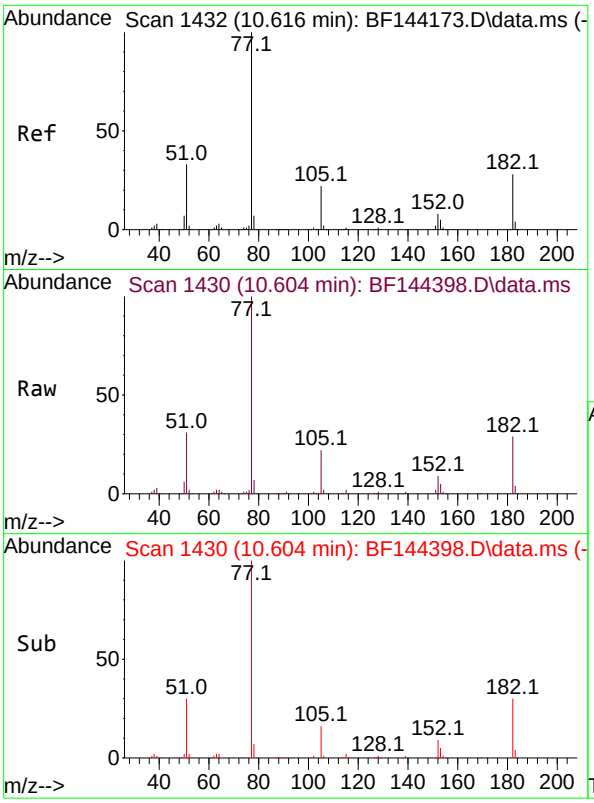




#62
4-Nitroaniline
Concen: 39.570 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:138 Resp: 57884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.2 | 29.4 | 69.4 |
| 108 | 56.1 | 46.4 | 86.4 |



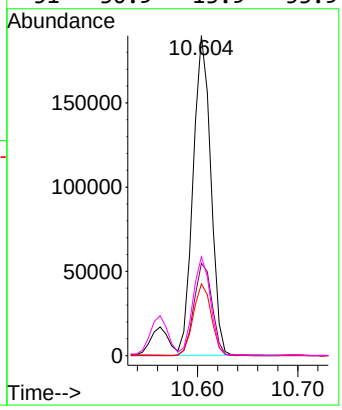


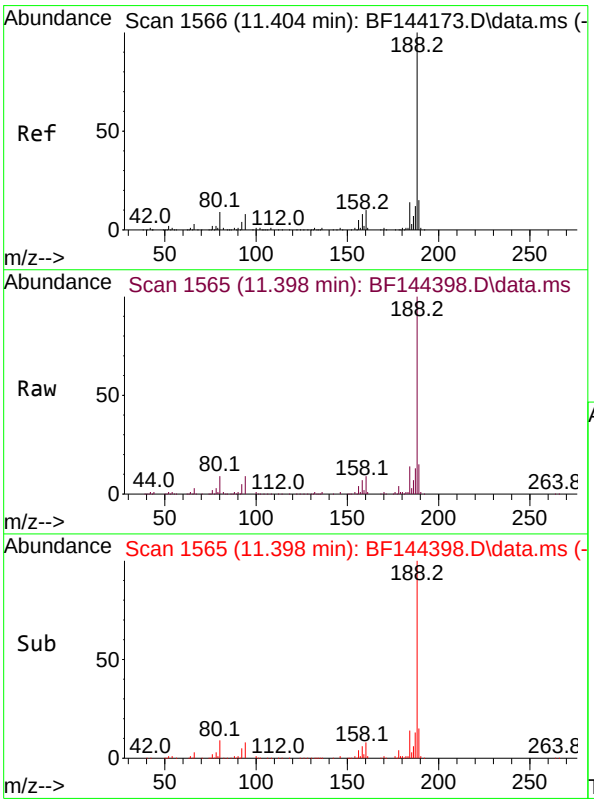

#63
Azobenzene
Concen: 38.906 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 231694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.8 | 8.1 | 48.1 |
| 105 | 22.4 | 2.0 | 42.0 |
| 51 | 30.9 | 13.9 | 53.9 |

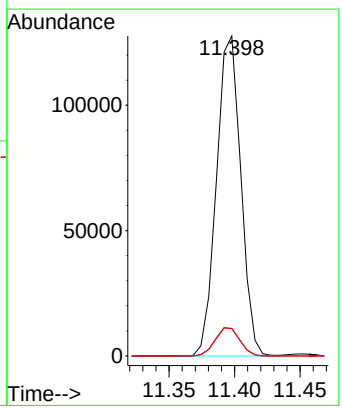


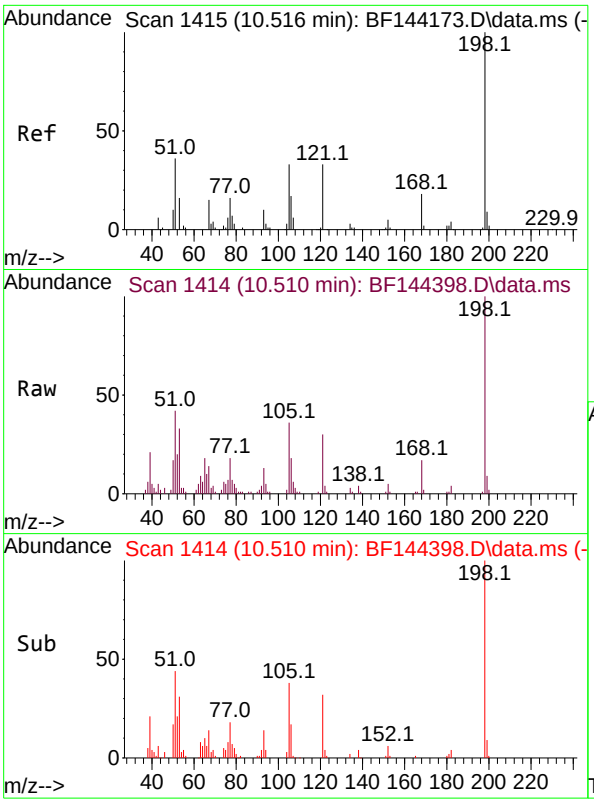




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:188 Resp: 165068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 6.2 | 9.2 |
| 80 | 8.5 | 6.9 | 10.3 |



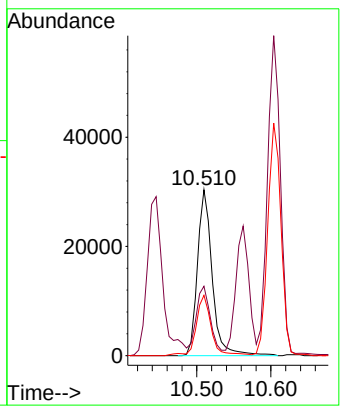


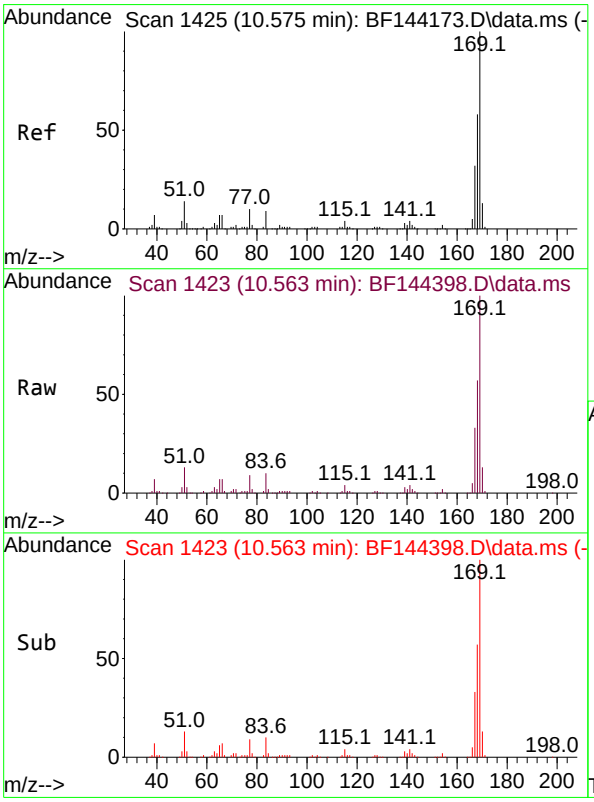

#65
4,6-Dinitro-2-methylphenol
Concen: 37.597 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 42160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 41.8 | 25.6 | 65.6 |
| 105 | 36.3 | 14.6 | 54.6 |

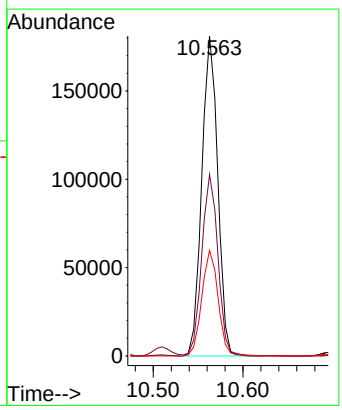


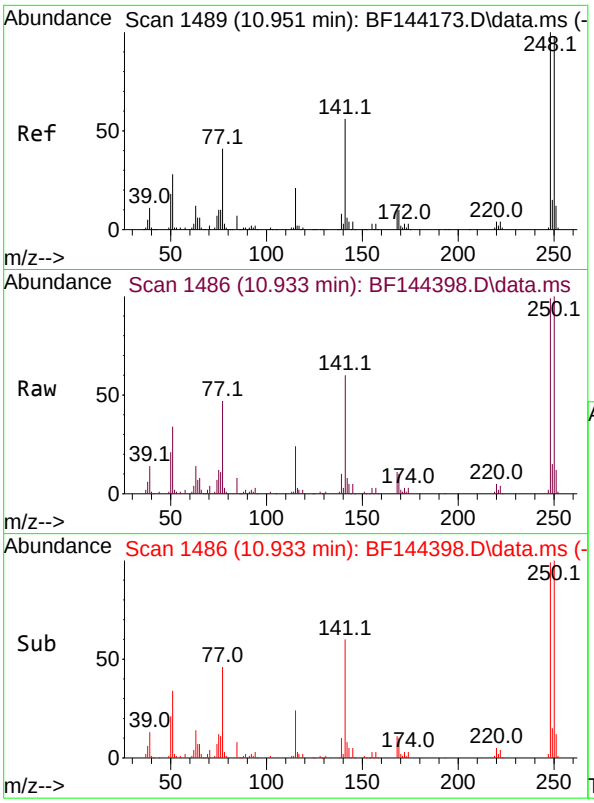




#66
n-Nitrosodiphenylamine
Concen: 42.076 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:169 Resp: 223385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 56.7 | 46.2 | 69.2 |
| 167 | 33.0 | 25.7 | 38.5 |



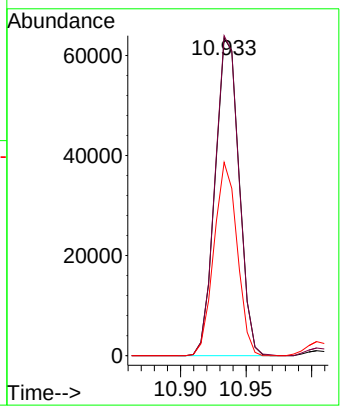


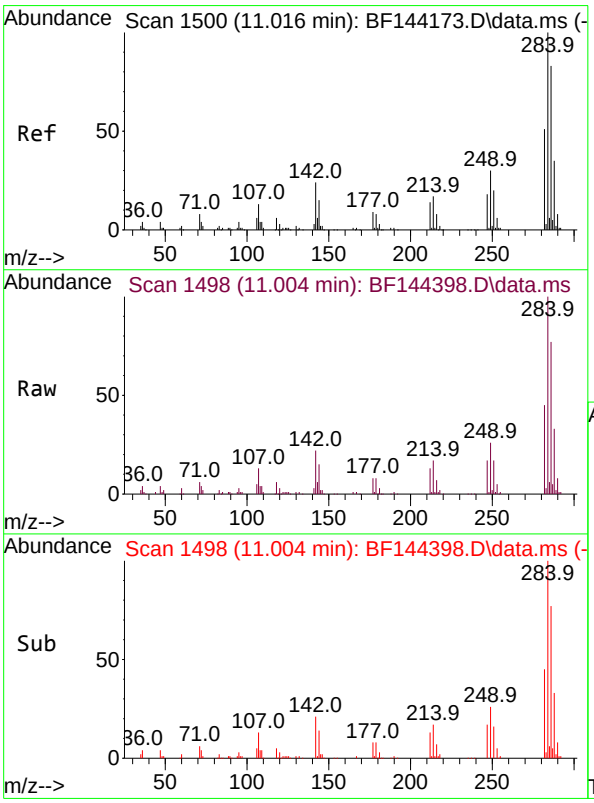

#67
4-Bromophenyl-phenylether
Concen: 38.341 ng
RT: 10.933 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 80782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.8 | 78.4 | 117.6 |
| 141 | 60.9 | 45.1 | 67.7 |

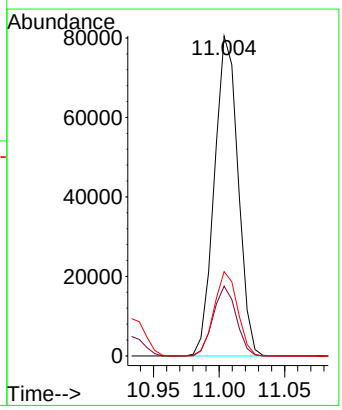


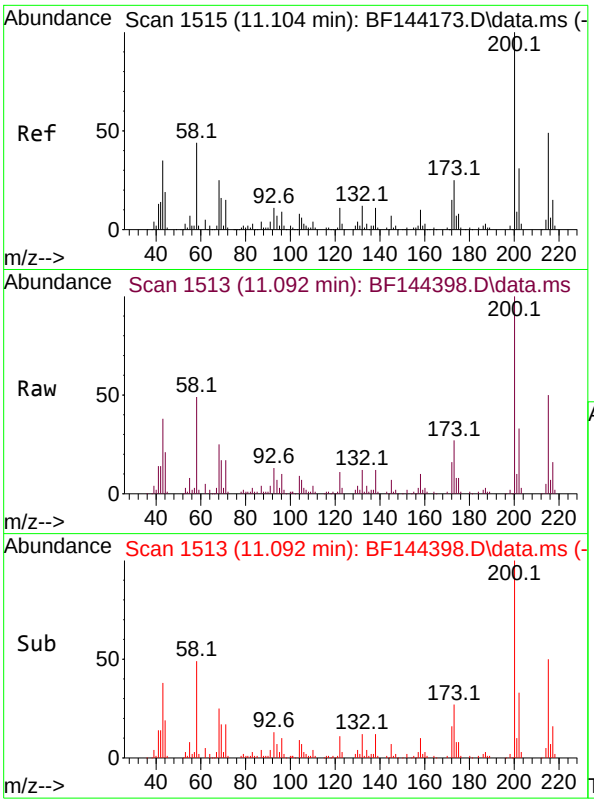




#68
Hexachlorobenzene
Concen: 40.698 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:284 Resp: 101000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 21.8 | 19.2 | 28.8 |
| 249 | 26.3 | 23.8 | 35.8 |



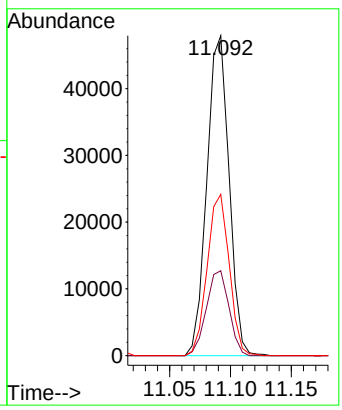


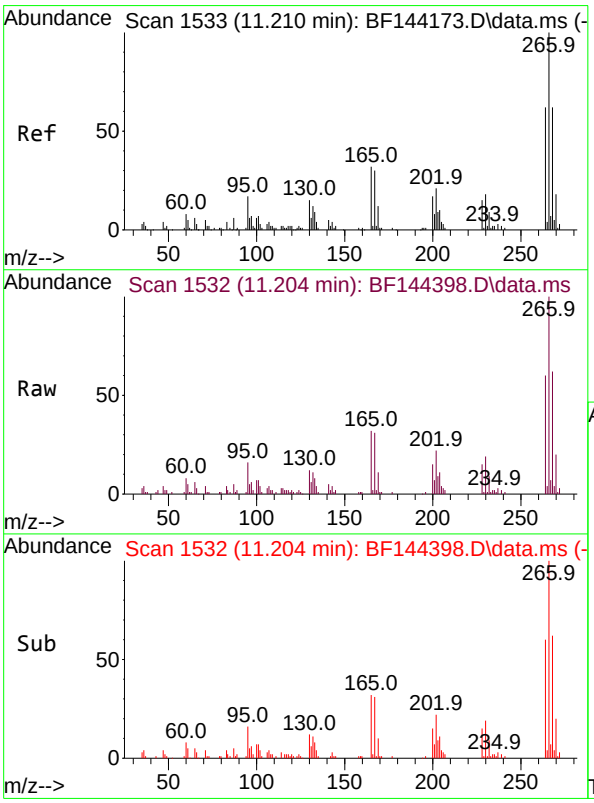

#69
Atrazine
Concen: 36.009 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 60797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 5.0 | 45.0 |
| 215 | 50.4 | 28.7 | 68.7 |

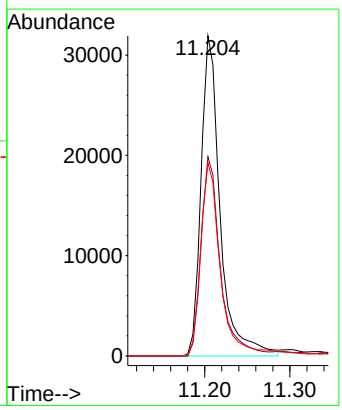


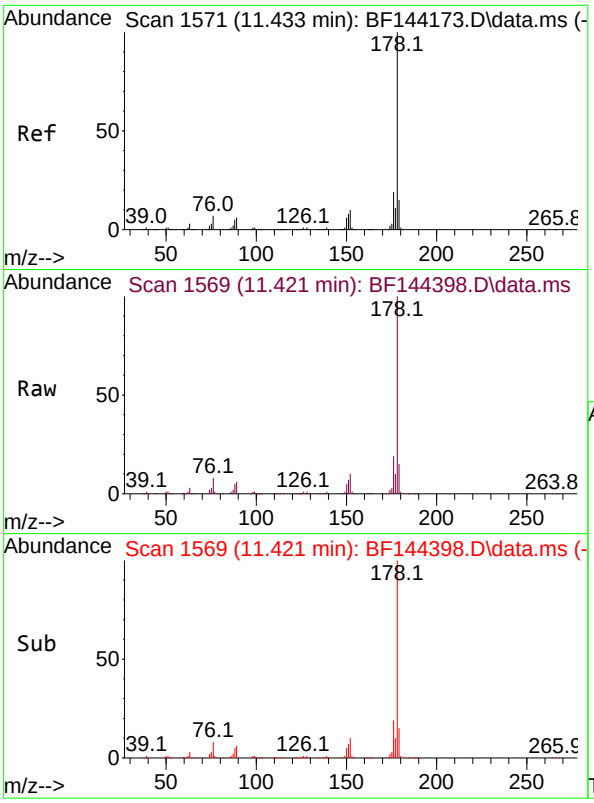




#70
Pentachlorophenol
Concen: 40.242 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:266 Resp: 49731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.2 | 49.5 | 74.3 |
| 264 | 60.3 | 49.4 | 74.2 |



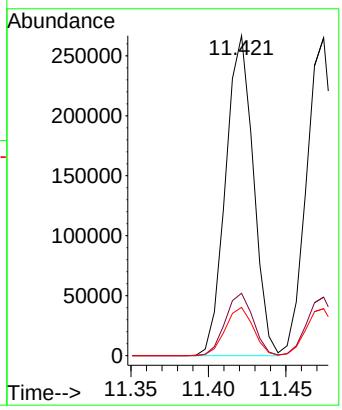


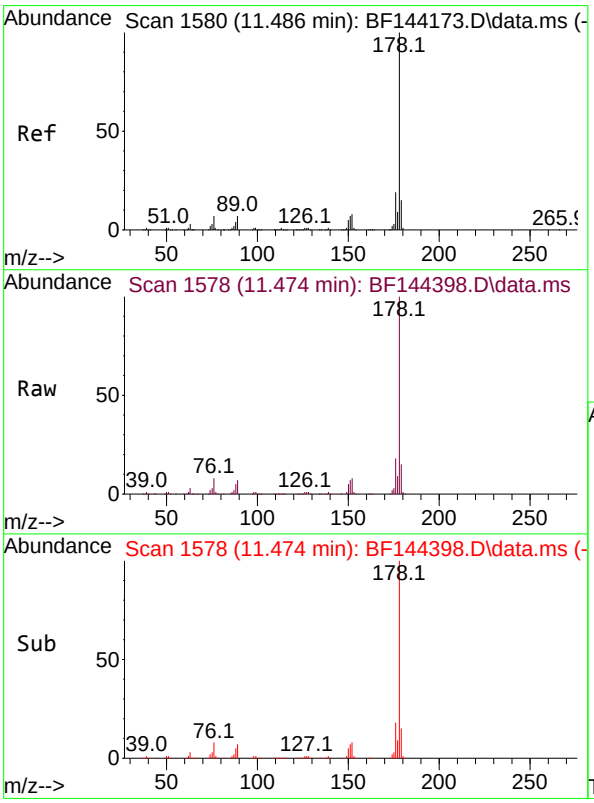

#71
Phenanthrene
Concen: 40.501 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 332857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.5 | 23.3 |
| 179 | 15.1 | 12.2 | 18.4 |

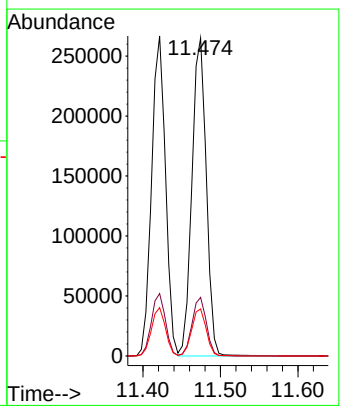


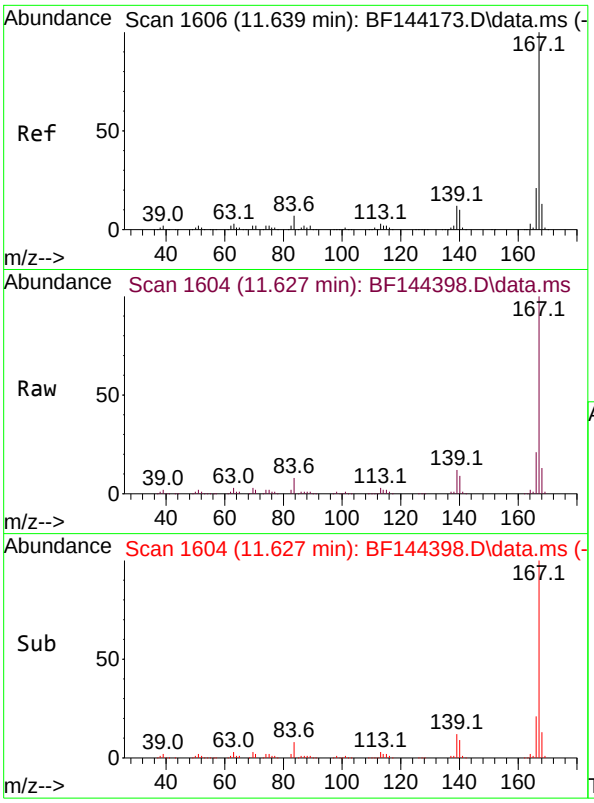




#72
Anthracene
Concen: 40.711 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:178 Resp: 340213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.3 | 22.9 |
| 179 | 14.8 | 12.0 | 18.0 |



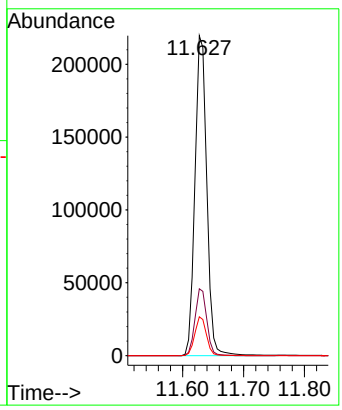


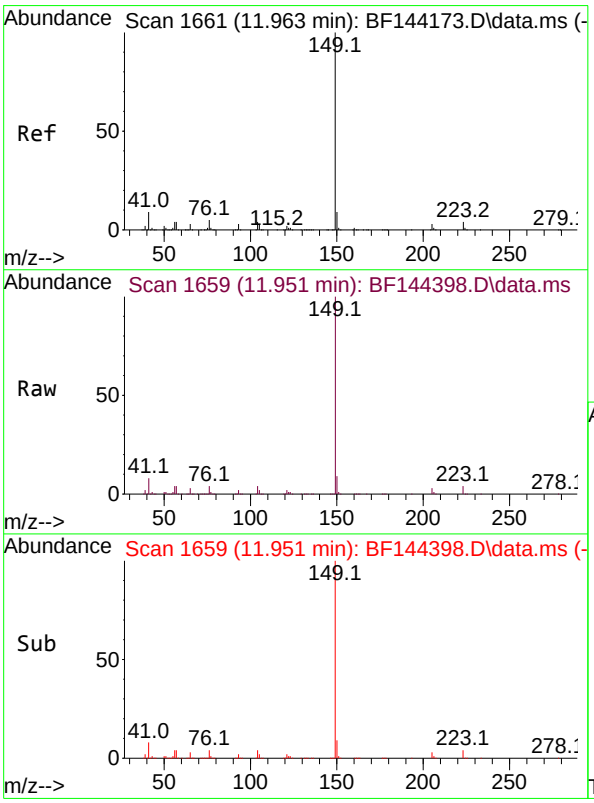

#73
Carbazole
Concen: 41.779 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 296886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 17.2 | 25.8 |
| 139 | 12.1 | 9.9 | 14.9 |

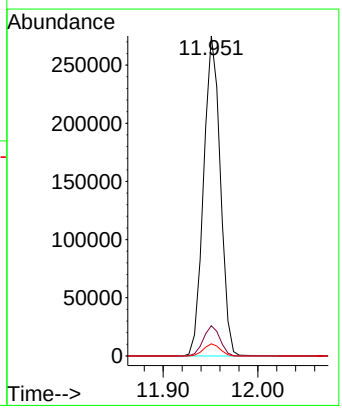


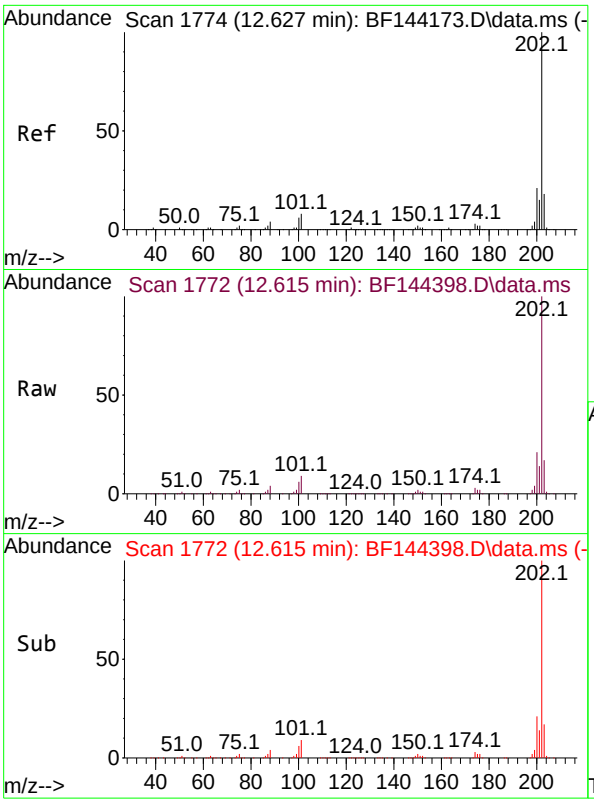




#74
Di-n-butylphthalate
Concen: 39.294 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:149 Resp: 337550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.4 | 11.0 |
| 104 | 3.8 | 3.4 | 5.2 |



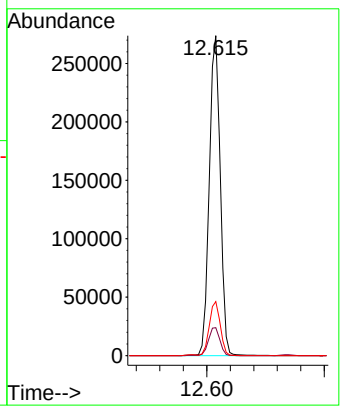


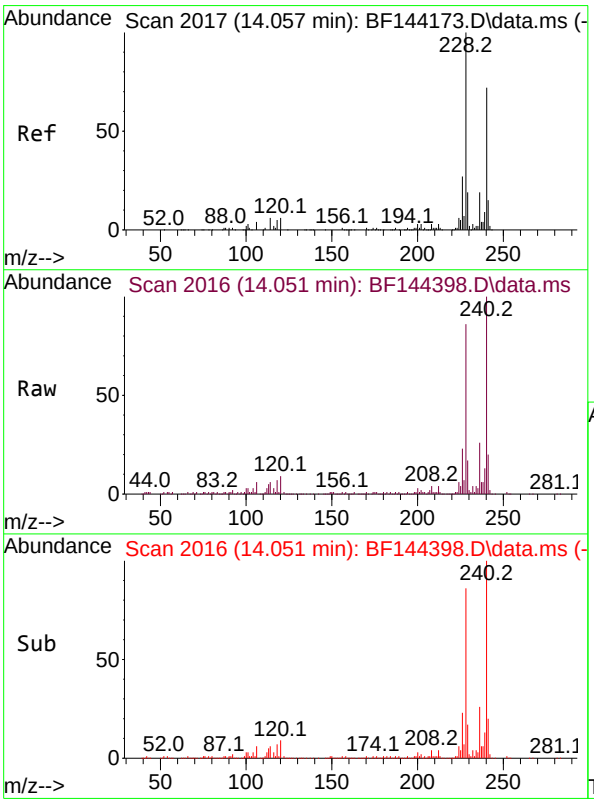

#75
Fluoranthene
Concen: 41.726 ng
RT: 12.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 354240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.7 | 0.0 | 27.9 |
| 203 | 16.9 | 0.0 | 37.5 |

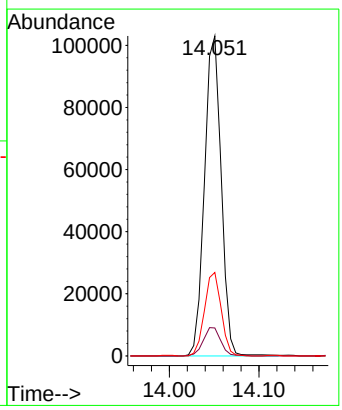


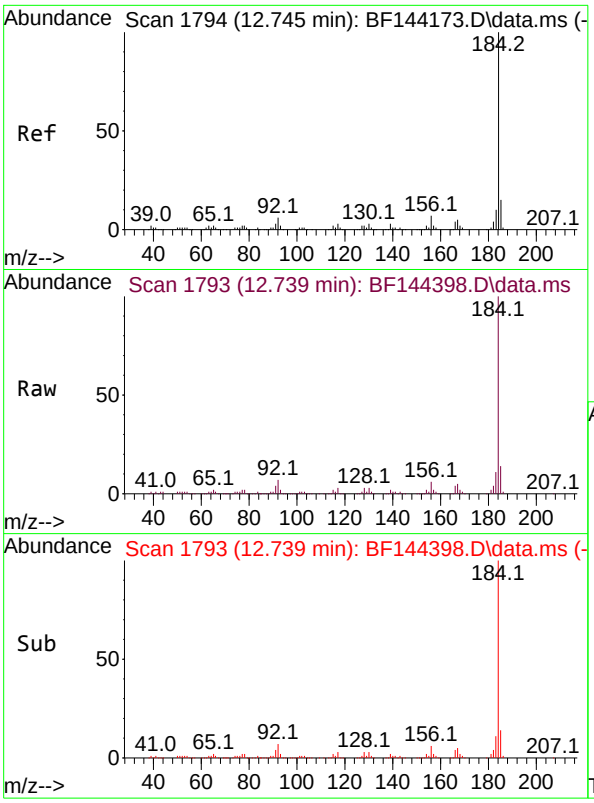




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:240 Resp: 133342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.7 | 6.6 | 10.0 |
| 236 | 26.1 | 21.4 | 32.2 |



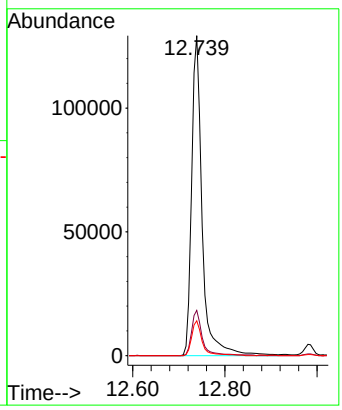


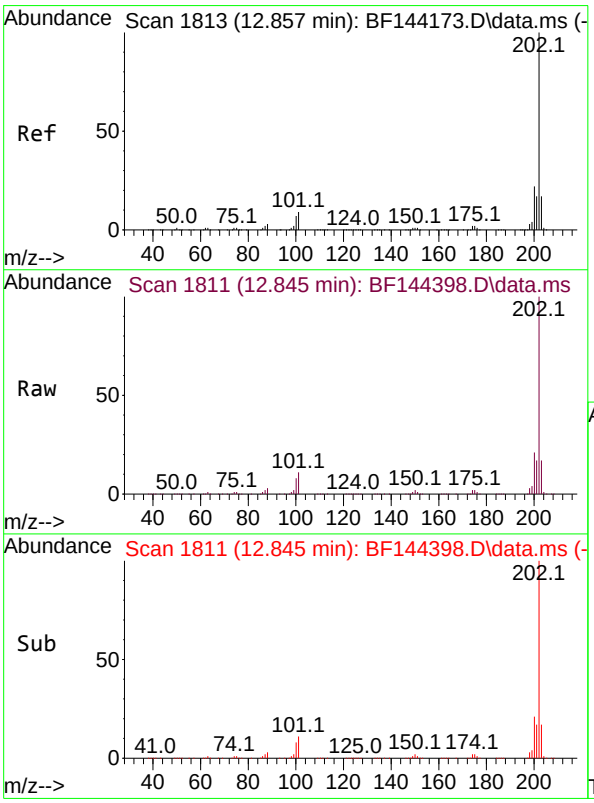

#77
Benzidine
Concen: 51.844 ng
RT: 12.739 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 204482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.7 | 17.5 |
| 183 | 10.9 | 8.3 | 12.5 |

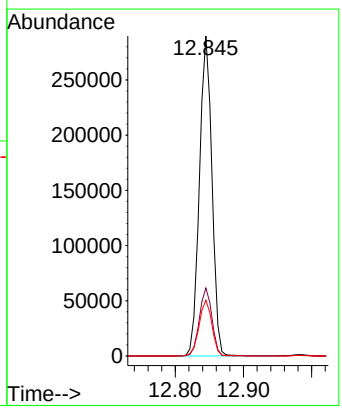


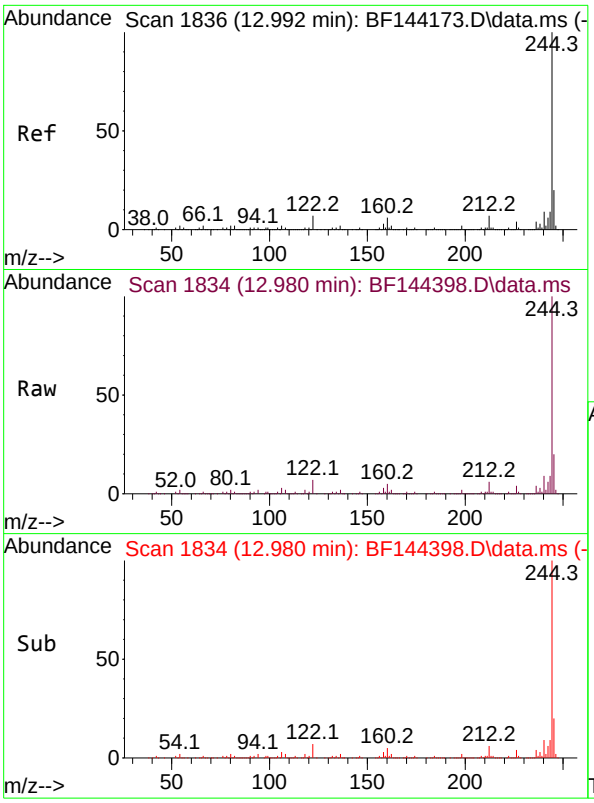




#78
Pyrene
Concen: 34.440 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:202 Resp: 370276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.2 | 25.8 |
| 203 | 17.4 | 13.7 | 20.5 |



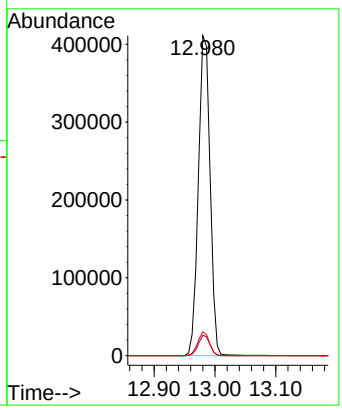


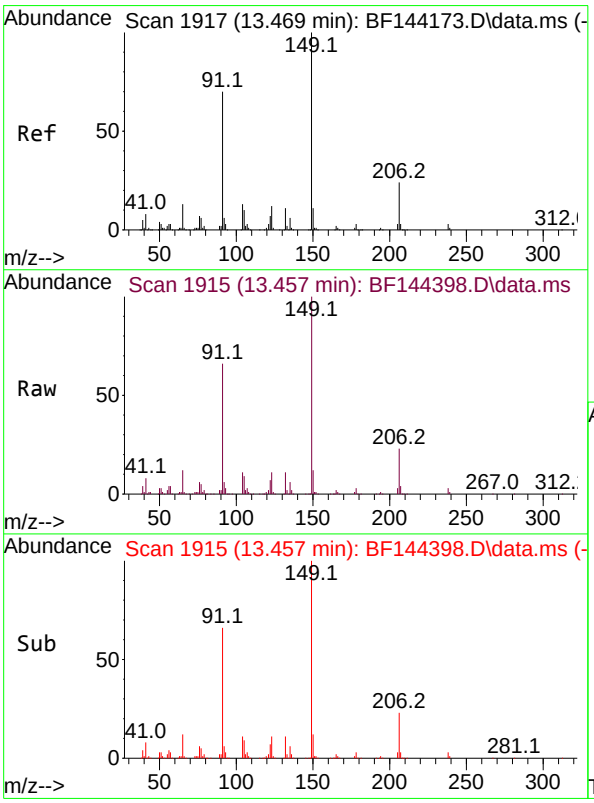

#79
Terphenyl-d14
Concen: 65.432 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 549282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.3 | 7.9 |
| 122 | 7.4 | 5.6 | 8.4 |

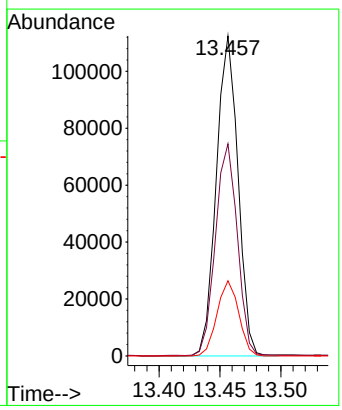


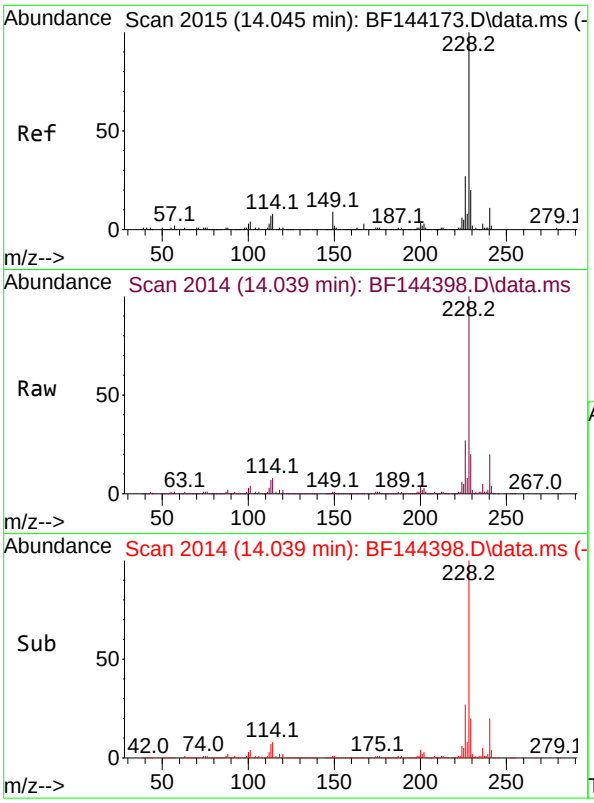




#80
Butylbenzylphthalate
Concen: 37.284 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:149 Resp: 138930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.3 | 56.1 | 84.1 |
| 206 | 23.5 | 18.8 | 28.2 |



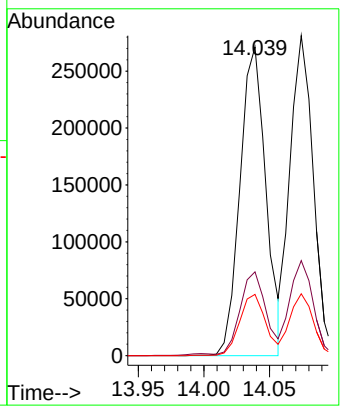


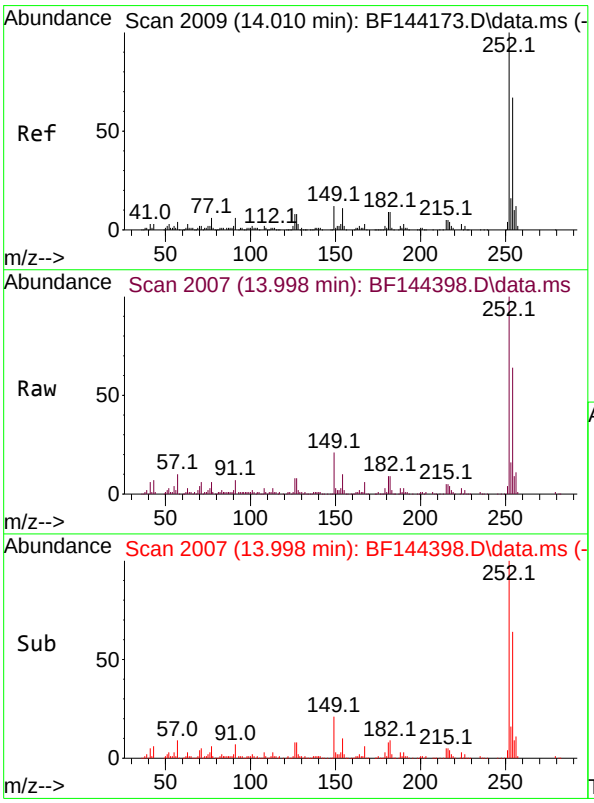

#81
Benzo(a)anthracene
Concen: 40.436 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 373689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.8 | 32.8 |
| 229 | 19.9 | 15.8 | 23.6 |

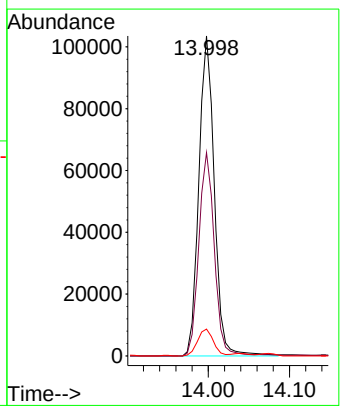


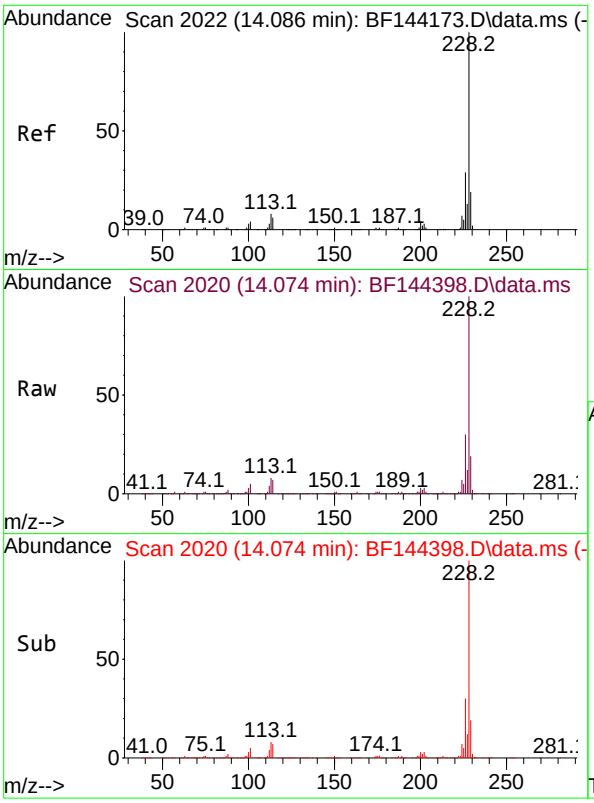




#82
3,3'-Dichlorobenzidine
Concen: 43.198 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:252 Resp: 136841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.5 | 53.5 | 80.3 |
| 126 | 8.4 | 6.4 | 9.6 |



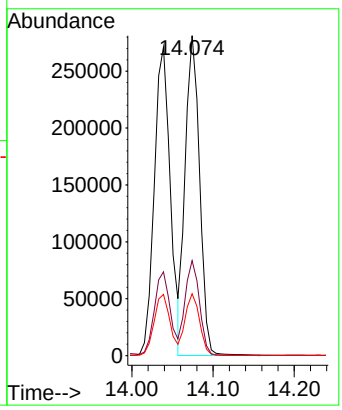


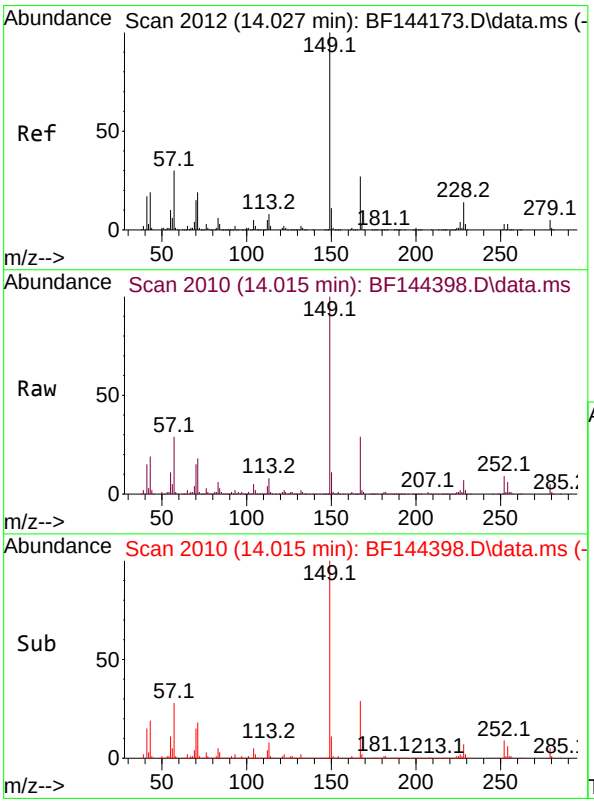

#83
Chrysene
Concen: 40.700 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 347219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 22.9 | 34.3 |
| 229 | 19.3 | 15.0 | 22.6 |

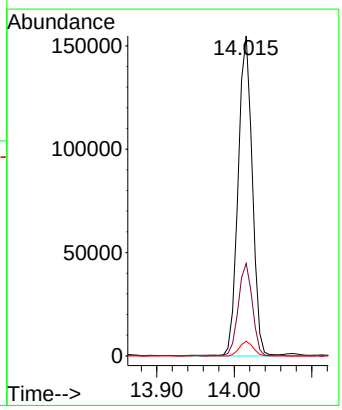


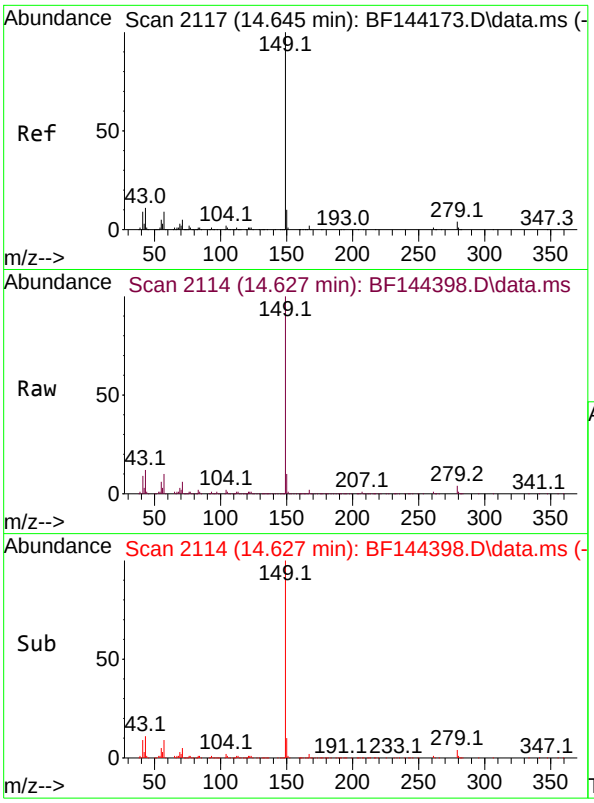




#84
Bis(2-ethylhexyl)phthalate
Concen: 38.630 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:149 Resp: 197052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.9 | 21.8 | 32.8 |
| 279 | 4.6 | 3.7 | 5.5 |



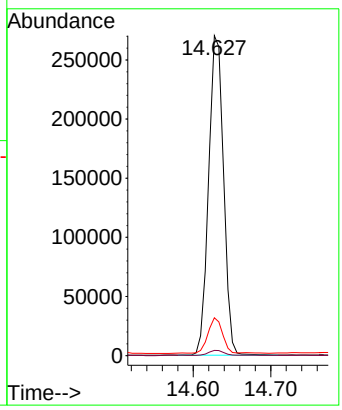


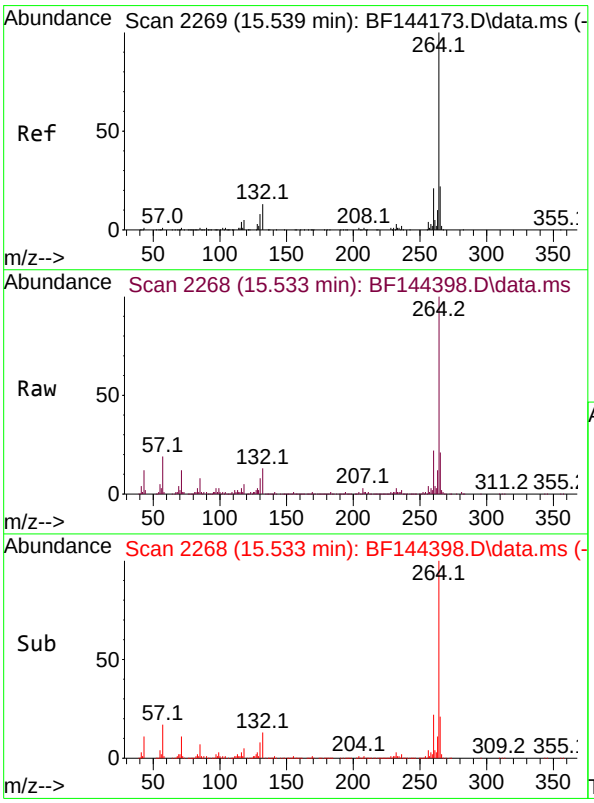

#85
Di-n-octyl phthalate
Concen: 41.136 ng
RT: 14.627 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 362035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.2 | 1.8 |
| 43 | 11.0 | 9.0 | 13.4 |

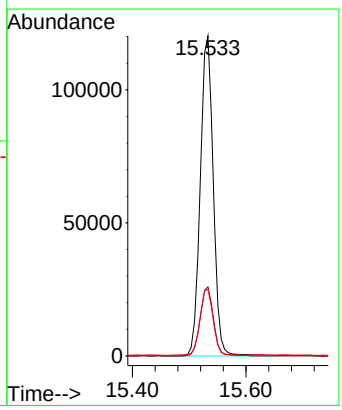


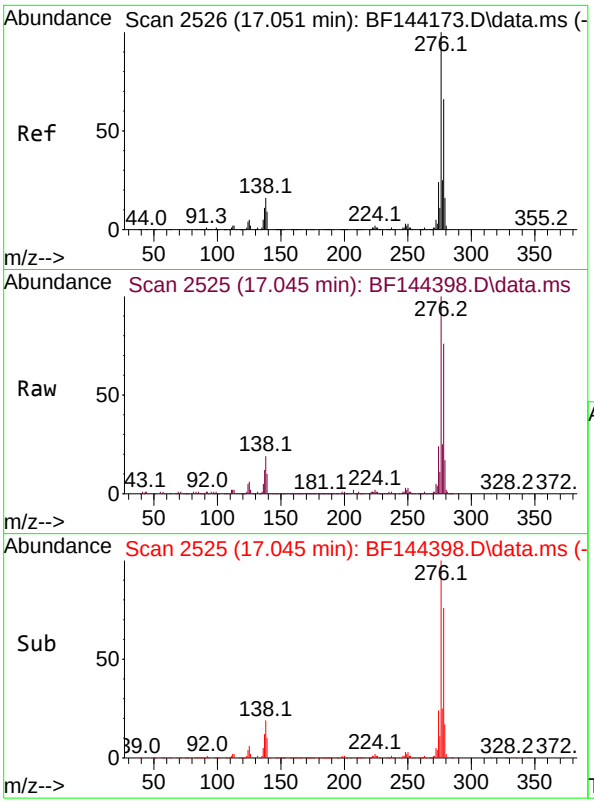




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:264 Resp: 190533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.6 | 17.1 | 25.7 |
| 265 | 20.8 | 17.4 | 26.0 |



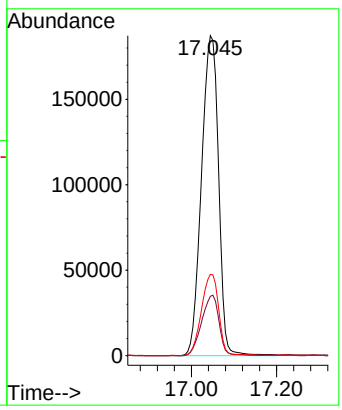


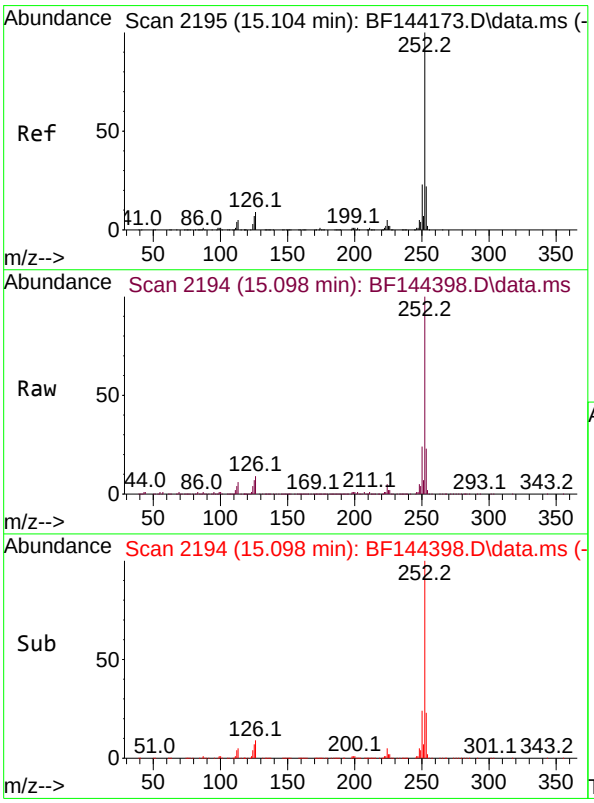

#87
Indeno(1,2,3-cd)pyrene
Concen: 38.024 ng
RT: 17.045 min Scan# 2
Delta R.T. 0.011 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 520067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.3 | 13.9 | 20.9 |
| 277 | 25.8 | 19.8 | 29.6 |

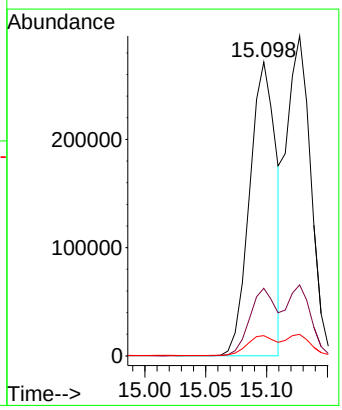


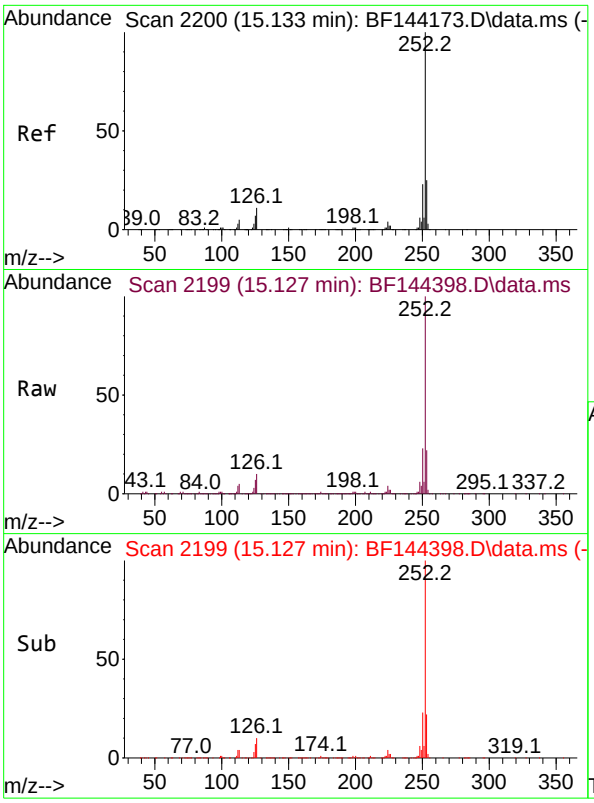




#88
Benzo(b)fluoranthene
Concen: 37.694 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:252 Resp: 408307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.4 | 26.2 |
| 125 | 6.9 | 5.3 | 7.9 |



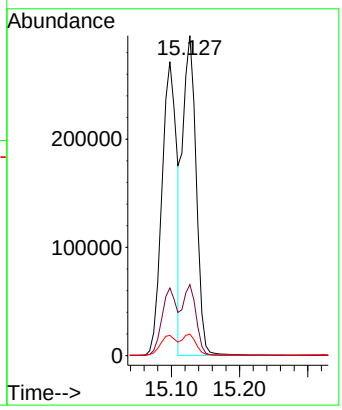


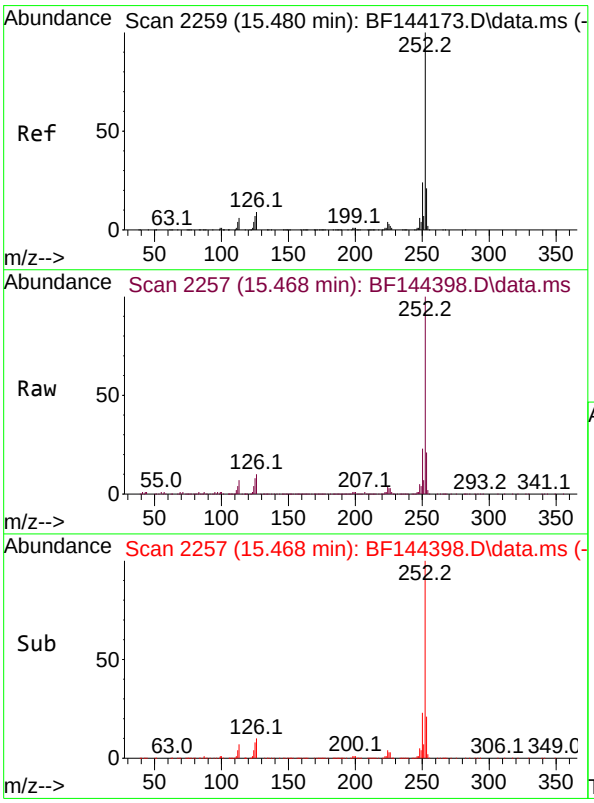

#89
Benzo(k)fluoranthene
Concen: 40.233 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 407919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.0 | 27.0 |
| 125 | 6.7 | 5.4 | 8.2 |

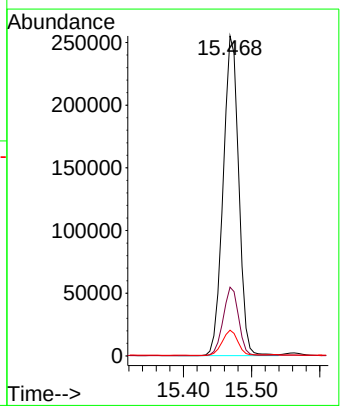


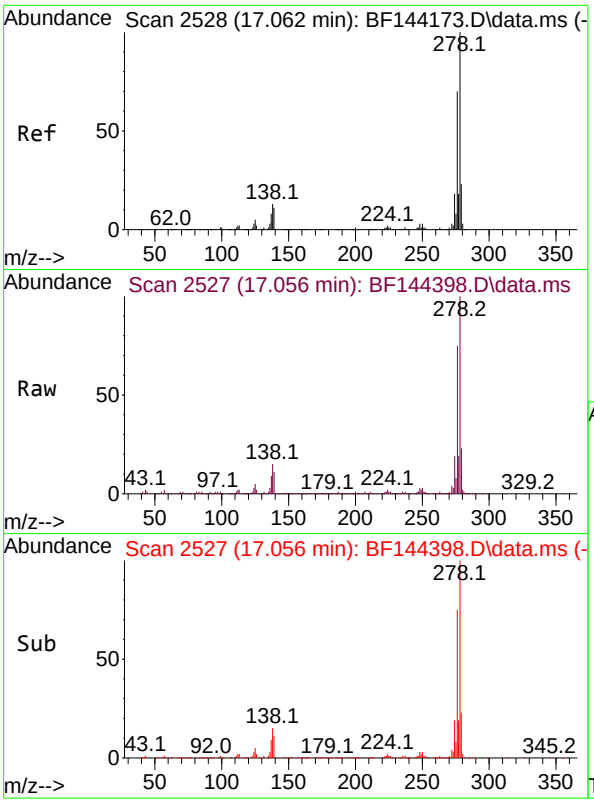




#90
Benzo(a)pyrene
Concen: 40.414 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:252 Resp: 403859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 16.7 | 25.1 |
| 125 | 8.0 | 5.7 | 8.5 |



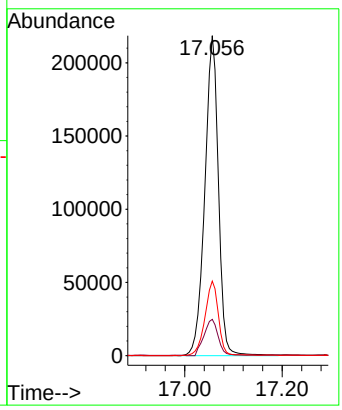


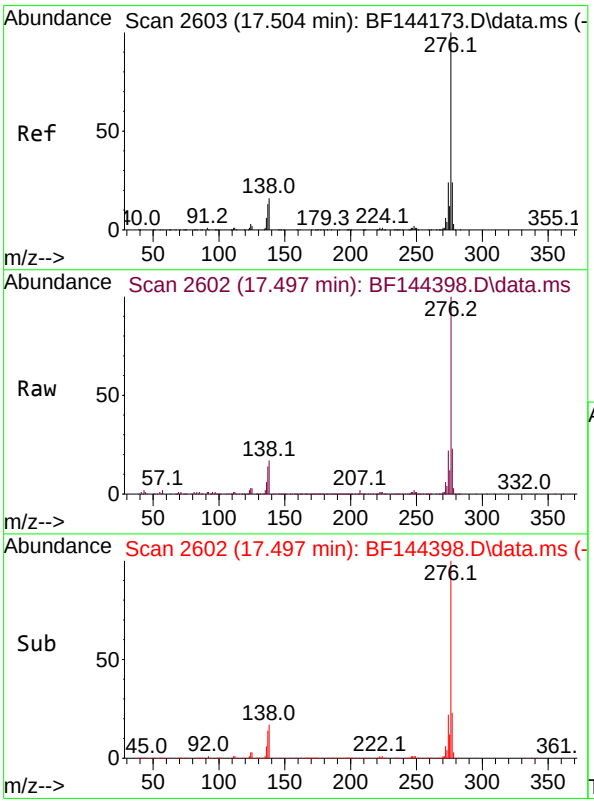

#91
Dibenzo(a,h)anthracene
Concen: 38.685 ng
RT: 17.056 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 424921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.3 | 9.1 | 13.7 |
| 279 | 23.3 | 18.2 | 27.4 |

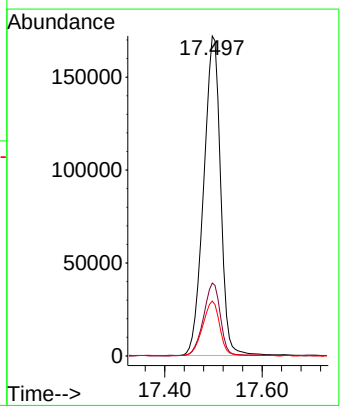



#92
Benzo(g,h,i)perylene
Concen: 38.213 ng
RT: 17.497 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BF144398.D
Acq: 02 Dec 2025 11:00

Tgt Ion:276 Resp: 414502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.8 | 19.0 | 28.4 |
| 138 | 17.1 | 12.9 | 19.3 |



Sample Results: **BF144398.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 82 | -0.01 |
| 2 | | 1,4-Dioxane | 0.528 | 0.567 | -7.4 | 84 | -0.04 |
| 3 | | Pyridine | 1.474 | 1.579 | -7.1 | 85 | -0.05 |
| 4 | | n-Nitrosodimethylamine | 0.770 | 0.712 | 7.5 | 75 | -0.05 |
| 5 | S | 2-Fluorophenol | 1.278 | 1.347 | -5.4 | 84 | 0.00 |
| 6 | | Aniline | 2.063 | 2.041 | 1.1 | 81 | 0.00 |
| 7 | S | Phenol-d6 | 1.448 | 1.447 | 0.1 | 81 | 0.00 |
| 8 | | 2-Chlorophenol | 1.253 | 1.305 | -4.2 | 83 | 0.00 |
| 9 | | Benzaldehyde | 0.818 | 1.015 | -24.1 | 102 | -0.01 |
| 10 | C | Phenol | 1.769 | 1.782 | -0.7 | 78 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.289 | 1.331 | -3.3 | 83 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.547 | 1.587 | -2.6 | 84 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.549 | 1.578 | -1.9 | 81 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 1.485 | 1.463 | 1.5 | 81 | -0.01 |
| 15 | | Benzyl Alcohol | 1.147 | 1.069 | 6.8 | 75 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.374 | 2.359 | 0.6 | 80 | 0.00 |
| 17 | | 2-Methylphenol | 0.997 | 0.964 | 3.3 | 76 | 0.00 |
| 18 | | Hexachloroethane | 0.515 | 0.505 | 1.9 | 78 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.953 | 0.832 | 12.7 | 72 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.175 | 1.125 | 4.3 | 76 | -0.01 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 79 | -0.01 |
| 22 | | Acetophenone | 0.429 | 0.418 | 2.6 | 76 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.346 | 0.347 | -0.3 | 76 | 0.00 |
| 24 | | Nitrobenzene | 0.376 | 0.381 | -1.3 | 78 | 0.00 |
| 25 | | Isophorone | 0.655 | 0.620 | 5.3 | 73 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.186 | 0.196 | -5.4 | 79 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 0.279 | 0.269 | 3.6 | 71 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.409 | 0.408 | 0.2 | 76 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.322 | 0.317 | 1.6 | 76 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.330 | 0.320 | 3.0 | 75 | -0.01 |
| 31 | | Naphthalene | 0.951 | 0.945 | 0.6 | 77 | 0.00 |
| 32 | | Benzoic acid | 0.204 | 0.174 | 14.7 | 77 | -0.04 |
| 33 | | 4-Chloroaniline | 0.347 | 0.336 | 3.2 | 73 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.249 | 0.234 | 6.0 | 71 | -0.01 |
| 35 | | Caprolactam | 0.088 | 0.081 | 8.0 | 69 | -0.04 |
| 36 | C | 4-Chloro-3-methylphenol | 0.288 | 0.268 | 6.9 | 71 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.636 | 0.611 | 3.9 | 75 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.614 | 0.587 | 4.4 | 75 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 70 | -0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.673 | -2.7 | 70 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.195 | 0.161 | 17.4 | 57 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 0.251 | 0.228 | 9.2 | 61 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.446 | 0.445 | 0.2 | 69 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 0.481 | 0.475 | 1.2 | 68 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.354 | 1.343 | 0.8 | 70 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.396 | 1.431 | -2.5 | 72 | -0.01 |
| 47 | | 2-Chloronaphthalene | 1.191 | 1.208 | -1.4 | 71 | 0.00 |

Sample Results: **BF144398.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 0.344 | 0.343 | 0.3 | 67 | 0.00 |
| 49 | | Acenaphthylene | 1.623 | 1.628 | -0.3 | 70 | -0.01 |
| 50 | | Dimethylphthalate | 1.325 | 1.278 | 3.5 | 67 | -0.01 |
| 51 | | 2,6-Dinitrotoluene | 0.268 | 0.267 | 0.4 | 68 | 0.00 |
| 52 | C | Acenaphthene | 1.085 | 1.004 | 7.5 | 65 | 0.00 |
| 53 | | 3-Nitroaniline | 0.293 | 0.294 | -0.3 | 66 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.162 | 0.178 | -9.9 | 89 | -0.01 |
| 55 | | Dibenzofuran | 1.520 | 1.481 | 2.6 | 67 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.212 | 0.180 | 15.1 | 62 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.359 | 0.346 | 3.6 | 63 | 0.00 |
| 58 | | Fluorene | 1.156 | 1.148 | 0.7 | 68 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.340 | 0.313 | 7.9 | 62 | 0.00 |
| 60 | | Diethylphthalate | 1.221 | 1.124 | 7.9 | 63 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.658 | 0.619 | 5.9 | 64 | -0.01 |
| 62 | | 4-Nitroaniline | 0.279 | 0.276 | 1.1 | 68 | 0.00 |
| 63 | | Azobenzene | 1.137 | 1.106 | 2.7 | 67 | -0.01 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 64 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.136 | 0.128 | 5.9 | 63 | -0.01 |
| 66 | c | n-Nitrosodiphenylamine | 0.643 | 0.677 | -5.3 | 67 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.255 | 0.245 | 3.9 | 60 | -0.01 |
| 68 | | Hexachlorobenzene | 0.301 | 0.306 | -1.7 | 65 | 0.00 |
| 69 | | Atrazine | 0.205 | 0.184 | 10.2 | 57 | 0.00 |
| 70 | C | Pentachlorophenol | 0.150 | 0.151 | -0.7 | 62 | -0.01 |
| 71 | | Phenanthrene | 0.996 | 1.008 | -1.2 | 64 | 0.00 |
| 72 | | Anthracene | 1.013 | 1.031 | -1.8 | 65 | 0.00 |
| 73 | | Carbazole | 0.861 | 0.899 | -4.4 | 66 | -0.01 |
| 74 | | Di-n-butylphthalate | 1.041 | 1.022 | 1.8 | 61 | -0.01 |
| 75 | C | Fluoranthene | 1.029 | 1.073 | -4.3 | 65 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 77 | | Benzidine | 0.592 | 0.767 | -29.6# | 101 | -0.01 |
| 78 | | Pyrene | 1.613 | 1.388 | 13.9 | 67 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.259 | 1.030 | 18.2 | 64 | -0.01 |
| 80 | | Butylbenzylphthalate | 0.559 | 0.521 | 6.8 | 72 | -0.01 |
| 81 | | Benzo(a)anthracene | 1.386 | 1.401 | -1.1 | 80 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.475 | 0.513 | -8.0 | 87 | -0.01 |
| 83 | | Chrysene | 1.280 | 1.302 | -1.7 | 76 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.765 | 0.739 | 3.4 | 74 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 1.320 | 1.358 | -2.9 | 79 | -0.02 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.436 | 1.365 | 4.9 | 84 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 1.137 | 1.071 | 5.8 | 79 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.064 | 1.070 | -0.6 | 94 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.049 | 1.060 | -1.0 | 90 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.153 | 1.115 | 3.3 | 85 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.139 | 1.088 | 4.5 | 83 | 0.00 |

Sample Results: **BF144398.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF144398.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 82 | -0.01 |
| 2 | | 1,4-Dioxane | 40.000 | 42.953 | -7.4 | 84 | -0.04 |
| 3 | | Pyridine | 40.000 | 42.848 | -7.1 | 85 | -0.05 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 37.009 | 7.5 | 75 | -0.05 |
| 5 | S | 2-Fluorophenol | 80.000 | 84.346 | -5.4 | 84 | 0.00 |
| 6 | | Aniline | 40.000 | 39.564 | 1.1 | 81 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 79.960 | 0.1 | 81 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 41.641 | -4.1 | 83 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 49.649 | -24.1 | 102 | -0.01 |
| 10 | C | Phenol | 40.000 | 40.282 | -0.7 | 78 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.304 | -3.3 | 83 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 41.054 | -2.6 | 84 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.741 | -1.9 | 81 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.411 | 1.5 | 81 | -0.01 |
| 15 | | Benzyl Alcohol | 40.000 | 37.293 | 6.8 | 75 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.742 | 0.6 | 80 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 38.673 | 3.3 | 76 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.203 | 2.0 | 78 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 34.924 | 12.7 | 72 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 38.299 | 4.3 | 76 | -0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 79 | -0.01 |
| 22 | | Acetophenone | 40.000 | 39.015 | 2.5 | 76 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.266 | -0.3 | 76 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.541 | -1.4 | 78 | 0.00 |
| 25 | | Isophorone | 40.000 | 37.889 | 5.3 | 73 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.197 | -5.5 | 79 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.558 | 3.6 | 71 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.941 | 0.1 | 76 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.413 | 1.5 | 76 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.785 | 3.0 | 75 | -0.01 |
| 31 | | Naphthalene | 40.000 | 39.736 | 0.7 | 77 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 33.973 | 15.1 | 77 | -0.04 |
| 33 | | 4-Chloroaniline | 40.000 | 38.688 | 3.3 | 73 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 37.570 | 6.1 | 71 | -0.01 |
| 35 | | Caprolactam | 40.000 | 36.678 | 8.3 | 69 | -0.04 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 37.236 | 6.9 | 71 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 38.401 | 4.0 | 75 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 38.249 | 4.4 | 75 | -0.01 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 70 | -0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.057 | -2.6 | 70 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 33.971 | 15.1 | 57 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 72.710 | 9.1 | 61 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.936 | 0.2 | 69 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 39.528 | 1.2 | 68 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.315 | 0.9 | 70 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 41.010 | -2.5 | 72 | -0.01 |
| 47 | | 2-Chloronaphthalene | 40.000 | 40.561 | -1.4 | 71 | 0.00 |

Sample Results: **BF144398.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 39.884 | 0.3 | 67 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.132 | -0.3 | 70 | -0.01 |
| 50 | | Dimethylphthalate | 40.000 | 38.571 | 3.6 | 67 | -0.01 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 39.882 | 0.3 | 68 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 37.020 | 7.4 | 65 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 40.098 | -0.2 | 66 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 43.917 | -9.8 | 89 | -0.01 |
| 55 | | Dibenzofuran | 40.000 | 38.987 | 2.5 | 67 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 33.914 | 15.2 | 62 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 38.574 | 3.6 | 63 | 0.00 |
| 58 | | Fluorene | 40.000 | 39.727 | 0.7 | 68 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 36.777 | 8.1 | 62 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 36.825 | 7.9 | 63 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 37.604 | 6.0 | 64 | -0.01 |
| 62 | | 4-Nitroaniline | 40.000 | 39.570 | 1.1 | 68 | 0.00 |
| 63 | | Azobenzene | 40.000 | 38.906 | 2.7 | 67 | -0.01 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 37.597 | 6.0 | 63 | -0.01 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 42.076 | -5.2 | 67 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.341 | 4.1 | 60 | -0.01 |
| 68 | | Hexachlorobenzene | 40.000 | 40.698 | -1.7 | 65 | 0.00 |
| 69 | | Atrazine | 40.000 | 36.009 | 10.0 | 57 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.242 | -0.6 | 62 | -0.01 |
| 71 | | Phenanthrene | 40.000 | 40.501 | -1.3 | 64 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.711 | -1.8 | 65 | 0.00 |
| 73 | | Carbazole | 40.000 | 41.779 | -4.4 | 66 | -0.01 |
| 74 | | Di-n-butylphthalate | 40.000 | 39.294 | 1.8 | 61 | -0.01 |
| 75 | C | Fluoranthene | 40.000 | 41.726 | -4.3 | 65 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 82 | 0.00 |
| 77 | | Benzidine | 40.000 | 51.844 | -29.6# | 101 | -0.01 |
| 78 | | Pyrene | 40.000 | 34.440 | 13.9 | 67 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 65.432 | 18.2 | 64 | -0.01 |
| 80 | | Butylbenzylphthalate | 40.000 | 37.284 | 6.8 | 72 | -0.01 |
| 81 | | Benzo(a)anthracene | 40.000 | 40.436 | -1.1 | 80 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 43.198 | -8.0 | 87 | -0.01 |
| 83 | | Chrysene | 40.000 | 40.700 | -1.8 | 76 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 38.630 | 3.4 | 74 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 41.136 | -2.8 | 79 | -0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 91 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.024 | 4.9 | 84 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 37.694 | 5.8 | 79 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 40.233 | -0.6 | 94 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.414 | -1.0 | 90 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 38.685 | 3.3 | 85 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.213 | 4.5 | 83 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144398.D
Acq On : 02 Dec 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 02 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP026197.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_P Calibration Date/Time: 12/01/2025 14:09

Lab File ID: BP026197.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.246 | 1.183 | | -5.1 | |
| Benzaldehyde | 0.831 | 0.844 | | 1.6 | |
| Phenol-d6 | 1.586 | 1.496 | | -5.7 | |
| Phenol | 1.709 | 1.612 | | -5.7 | 20.0 |
| bis(2-Chloroethyl)ether | 1.338 | 1.312 | | -1.9 | |
| 2-Chlorophenol | 1.418 | 1.381 | | -2.6 | |
| 2-Methylphenol | 1.163 | 1.110 | | -4.6 | |
| 2,2-oxybis(1-Chloropropane) | 1.879 | 1.879 | | 0.0 | |
| Acetophenone | 0.508 | 0.500 | | -1.6 | |
| 3+4-Methylphenols | 1.612 | 1.495 | | -7.3 | |
| n-Nitroso-di-n-propylamine | 0.985 | 0.953 | 0.050 | -3.2 | |
| Nitrobenzene-d5 | 0.352 | 0.352 | | 0.0 | |
| Hexachloroethane | 0.560 | 0.573 | | 2.3 | |
| Nitrobenzene | 0.356 | 0.356 | | 0.0 | |
| Isophorone | 0.698 | 0.683 | | -2.1 | |
| 2-Nitrophenol | 0.180 | 0.175 | | -2.8 | 20.0 |
| 2,4-Dimethylphenol | 0.325 | 0.289 | | -11.1 | |
| bis(2-Chloroethoxy)methane | 0.437 | 0.426 | | -2.5 | |
| 2,4-Dichlorophenol | 0.325 | 0.323 | | -0.6 | 20.0 |
| Naphthalene | 1.081 | 1.080 | | -0.1 | |
| 4-Chloroaniline | 0.460 | 0.432 | | -6.1 | |
| Hexachlorobutadiene | 0.215 | 0.227 | | 5.6 | 20.0 |
| Caprolactam | 0.116 | 0.105 | | -9.5 | |
| 4-Chloro-3-methylphenol | 0.345 | 0.334 | | -3.2 | 20.0 |
| 2-Methylnaphthalene | 0.766 | 0.763 | | -0.4 | |
| Hexachlorocyclopentadiene | 0.396 | 0.358 | 0.050 | -9.6 | |
| 2,4,6-Trichlorophenol | 0.415 | 0.422 | | 1.7 | 20.0 |
| 2-Fluorobiphenyl | 1.365 | 1.415 | | 3.7 | |
| 2,4,5-Trichlorophenol | 0.463 | 0.466 | | 0.6 | |
| 1,1-Biphenyl | 1.506 | 1.511 | | 0.3 | |
| 2-Chloronaphthalene | 1.184 | 1.183 | | -0.1 | |
| 2-Nitroaniline | 0.329 | 0.316 | | -4.0 | |
| Dimethylphthalate | 1.494 | 1.496 | | 0.1 | |
| Acenaphthylene | 1.953 | 1.984 | | 1.6 | |
| 2,6-Dinitrotoluene | 0.296 | 0.297 | | 0.3 | |
| 3-Nitroaniline | 0.349 | 0.327 | | -6.3 | |
| Acenaphthene | 1.145 | 1.146 | | 0.1 | 20.0 |
| 2,4-Dinitrophenol | 0.179 | 0.160 | 0.050 | -10.6 | |
| 4-Nitrophenol | 0.315 | 0.265 | 0.050 | -15.9 | |

Raw Data: **BP026197.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

| | | | |
|---|---|---|---|
| Lab Name: | Alliance | Contract: | REMI01 |
| Lab Code: | ACE | SDG No.: | Q3719 |
| Instrument ID: | BNA_P | Calibration Date/Time: | 12/01/2025 14:09 |
| Lab File ID: | BP026197.D | Init. Calib. Date(s): | 11/18/2025 11/18/2025 |
| EPA Sample No.: | SSTDCCC040 | Init. Calib. Time(s): | 14:31 21:22 |

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibenzofuran | 1.773 | 1.788 | | 0.8 | |
| 2,4-Dinitrotoluene | 0.442 | 0.444 | | 0.5 | |
| Diethylphthalate | 1.505 | 1.488 | | -1.1 | |
| 4-Chlorophenyl-phenylether | 0.697 | 0.715 | | 2.6 | |
| Fluorene | 1.401 | 1.429 | | 2.0 | |
| 4-Nitroaniline | 0.362 | 0.328 | | -9.4 | |
| 4,6-Dinitro-2-methylphenol | 0.127 | 0.120 | | -5.5 | |
| n-Nitrosodiphenylamine | 0.619 | 0.618 | | -0.2 | 20.0 |
| 2,4,6-Tribromophenol | 0.259 | 0.261 | | 0.8 | |
| 4-Bromophenyl-phenylether | 0.221 | 0.229 | | 3.6 | |
| Hexachlorobenzene | 0.257 | 0.266 | | 3.5 | |
| Atrazine | 0.233 | 0.231 | | -0.9 | |
| Pentachlorophenol | 0.180 | 0.179 | | -0.6 | 20.0 |
| Phenanthrene | 1.127 | 1.149 | | 2.0 | |
| Anthracene | 1.149 | 1.145 | | -0.3 | |
| Carbazole | 1.091 | 1.074 | | -1.6 | |
| Di-n-butylphthalate | 1.294 | 1.325 | | 2.4 | |
| Fluoranthene | 1.369 | 1.373 | | 0.3 | 20.0 |
| Pyrene | 1.311 | 1.288 | | -1.8 | |
| Terphenyl-d14 | 0.981 | 0.994 | | 1.3 | |
| Butylbenzylphthalate | 0.578 | 0.557 | | -3.6 | |
| 3,3-Dichlorobenzidine | 0.500 | 0.463 | | -7.4 | |
| Benzo(a)anthracene | 1.374 | 1.338 | | -2.6 | |
| Chrysene | 1.295 | 1.277 | | -1.4 | |
| Bis(2-ethylhexyl)phthalate | 0.874 | 0.870 | | -0.5 | |
| Di-n-octyl phthalate | 1.529 | 1.473 | | -3.7 | 20.0 |
| Benzo(b)fluoranthene | 1.218 | 1.215 | | -0.2 | |
| Benzo(k)fluoranthene | 1.217 | 1.260 | | 3.5 | |
| Benzo(a)pyrene | 1.154 | 1.169 | | 1.3 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.500 | 1.526 | | 1.7 | |
| Dibenzo(a,h)anthracene | 1.228 | 1.250 | | 1.8 | |
| Benzo(g,h,i)perylene | 1.220 | 1.252 | | 2.6 | |
| 1,2,4,5-Tetrachlorobenzene | 0.605 | 0.635 | | 5.0 | |
| 1,4-Dioxane | 0.505 | 0.497 | | -1.6 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.393 | 0.381 | | -3.1 | |

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BP026197.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.660 | 152 | 271172 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.425 | 136 | 1093509 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.289 | 164 | 683760 | 20.000 | ng | -0.04 |
| 64) Phenanthrene-d10 | 17.101 | 188 | 1350551 | 20.000 | ng | -0.03 |
| 76) Chrysene-d12 | 21.542 | 240 | 1519755 | 20.000 | ng | -0.03 |
| 86) Perylene-d12 | 24.830 | 264 | 1717381 | 20.000 | ng | -0.08 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.284 | 112 | 1283197 | 75.953 | ng | 0.00 |
| 7) Phenol-d6 | 6.843 | 99 | 1622703 | 75.446 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.802 | 82 | 1540283 | 80.010 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.813 | 330 | 713914 | 80.486 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 12.901 | 172 | 3868910 | 82.928 | ng | -0.03 |
| 79) Terphenyl-d14 | 19.830 | 244 | 6044676 | 81.101 | ng | -0.04 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.219 | 88 | 269352 | 39.307 | ng | 99 |
| 3) Pyridine | 3.614 | 79 | 744096 | 37.574 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 288111 | 38.927 | ng | 94 |
| 6) Aniline | 6.996 | 93 | 1054187 | 37.122 | ng | 99 |
| 8) 2-Chlorophenol | 7.237 | 128 | 749138 | 38.956 | ng | 100 |
| 9) Benzaldehyde | 6.813 | 77 | 457638 | 40.603 | ng | 99 |
| 10) Phenol | 6.872 | 94 | 873995 | 37.721 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.096 | 93 | 711680 | 39.229 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.555 | 146 | 829672 | 40.046 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.696 | 146 | 833634 | 39.932 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.007 | 146 | 798558 | 39.835 | ng | 99 |
| 15) Benzyl Alcohol | 7.896 | 79 | 589490 | 37.411 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.178 | 45 | 1019307 | 40.007 | ng | 99 |
| 17) 2-Methylphenol | 8.096 | 107 | 602032 | 38.169 | ng | 98 |
| 18) Hexachloroethane | 8.731 | 117 | 310623 | 40.893 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.460 | 70 | 516988 | 38.692 | ng | 99 |
| 20) 3+4-Methylphenols | 8.419 | 107 | 810873 | 37.100 | ng | 99 |
| 22) Acetophenone | 8.472 | 105 | 1093793 | 39.353 | ng | 99 |
| 24) Nitrobenzene | 8.843 | 77 | 777675 | 39.935 | ng | 99 |
| 25) Isophorone | 9.360 | 82 | 1493934 | 39.144 | ng | 99 |
| 26) 2-Nitrophenol | 9.543 | 139 | 382911 | 38.860 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.607 | 122 | 632302 | 35.586 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.843 | 93 | 932252 | 39.003 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.072 | 162 | 706107 | 39.761 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.290 | 180 | 737552 | 40.785 | ng | 99 |
| 31) Naphthalene | 10.478 | 128 | 2362964 | 39.984 | ng | 99 |
| 32) Benzoic acid | 9.743 | 122 | 471520 | 31.513 | ng | 99 |
| 33) 4-Chloroaniline | 10.578 | 127 | 944636 | 37.586 | ng | 99 |
| 34) Hexachlorobutadiene | 10.766 | 225 | 496455 | 42.211 | ng | 99 |
| 35) Caprolactam | 11.360 | 113 | 228718 | 35.968 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 11.713 | 107 | 729444 | 38.646 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.095 | 142 | 1667759 | 39.806 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.307 | 142 | 1642652 | 40.113 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.466 | 216 | 867969 | 41.981 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.454 | 237 | 489314 | 36.162 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.707 | 196 | 577007 | 40.708 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.778 | 196 | 637633 | 40.301 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.113 | 154 | 2066591 | 40.138 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.154 | 162 | 1617498 | 39.951 | ng | 99 |
| 48) 2-Nitroaniline | 13.354 | 65 | 431659 | 38.340 | ng | 98 |
| 49) Acenaphthylene | 14.013 | 152 | 2713386 | 40.630 | ng | 100 |
| 50) Dimethylphthalate | 13.748 | 163 | 2046122 | 40.065 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.854 | 165 | 406005 | 40.122 | ng | 98 |
| 52) Acenaphthene | 14.354 | 154 | 1567254 | 40.046 | ng | 98 |
| 53) 3-Nitroaniline | 14.189 | 138 | 447093 | 37.525 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.401 | 184 | 218862 | 35.829 | ng | 97 |
| 55) Dibenzofuran | 14.695 | 168 | 2445109 | 40.337 | ng | 100 |
| 56) 4-Nitrophenol | 14.513 | 139 | 362794 | 33.659 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.654 | 165 | 607625 | 40.215 | ng | 99 |
| 58) Fluorene | 15.360 | 166 | 1953883 | 40.781 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.919 | 232 | 521019 | 38.817 | ng | 100 |
| 60) Diethylphthalate | 15.142 | 149 | 2035537 | 39.567 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.360 | 204 | 977633 | 41.010 | ng | 99 |
| 62) 4-Nitroaniline | 15.372 | 138 | 448462 | 36.247 | ng | 97 |
| 63) Azobenzene | 15.660 | 77 | 1735358 | 40.005 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 324899 | 37.868 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.578 | 169 | 1670222 | 39.978 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.272 | 248 | 618884 | 41.378 | ng | 98 |
| 68) Hexachlorobenzene | 16.395 | 284 | 717606 | 41.347 | ng | 99 |
| 69) Atrazine | 16.554 | 200 | 625107 | 39.679 | ng | 99 |
| 70) Pentachlorophenol | 16.742 | 266 | 483633 | 39.836 | ng | 99 |
| 71) Phenanthrene | 17.148 | 178 | 3102947 | 40.786 | ng | 100 |
| 72) Anthracene | 17.230 | 178 | 3093926 | 39.871 | ng | 100 |
| 73) Carbazole | 17.513 | 167 | 2901269 | 39.365 | ng | 100 |
| 74) Di-n-butylphthalate | 18.119 | 149 | 3579365 | 40.966 | ng | 99 |
| 75) Fluoranthene | 19.236 | 202 | 3707799 | 40.112 | ng | 99 |
| 77) Benzidine | 19.430 | 184 | 1758500 | 36.460 | ng | 100 |
| 78) Pyrene | 19.613 | 202 | 3915294 | 39.292 | ng | 100 |
| 80) Butylbenzylphthalate | 20.577 | 149 | 1692248 | 38.562 | ng | 99 |
| 81) Benzo(a)anthracene | 21.524 | 228 | 4065927 | 38.955 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.442 | 252 | 1405839 | 37.038 | ng | 99 |
| 83) Chrysene | 21.589 | 228 | 3879974 | 39.444 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.483 | 149 | 2644895 | 39.815 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.754 | 149 | 4477261 | 38.545 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.565 | 276 | 5240782m | 40.690 | ng | |
| 88) Benzo(b)fluoranthene | 23.801 | 252 | 4174278 | 39.912 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.865 | 252 | 4328254 | 41.434 | ng | 99 |
| 90) Benzo(a)pyrene | 24.677 | 252 | 4013897 | 40.517 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 28.671 | 278 | 4291973 | 40.708 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.730 | 276 | 4299859 | 41.031 | ng | 99 |

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

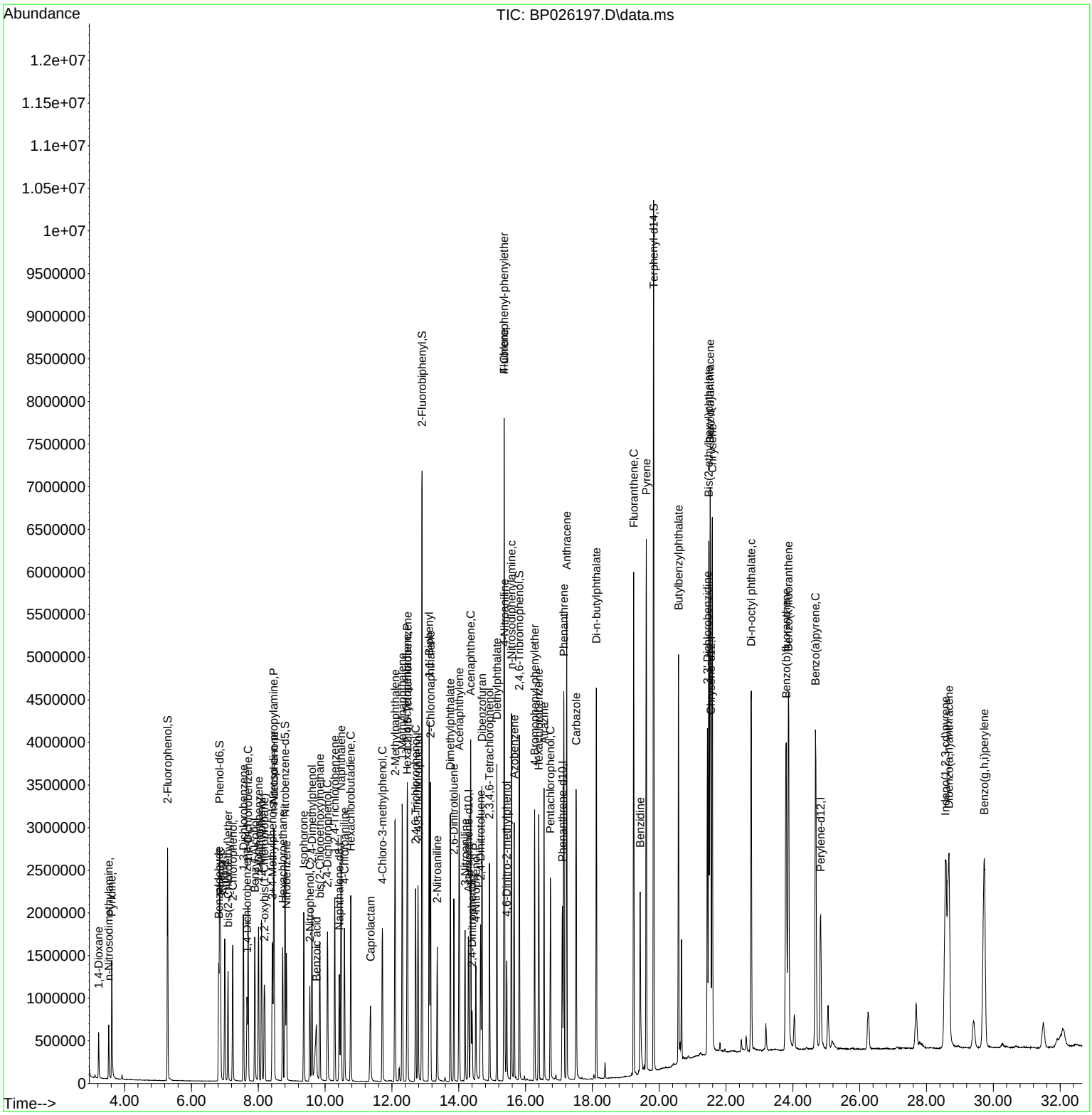
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

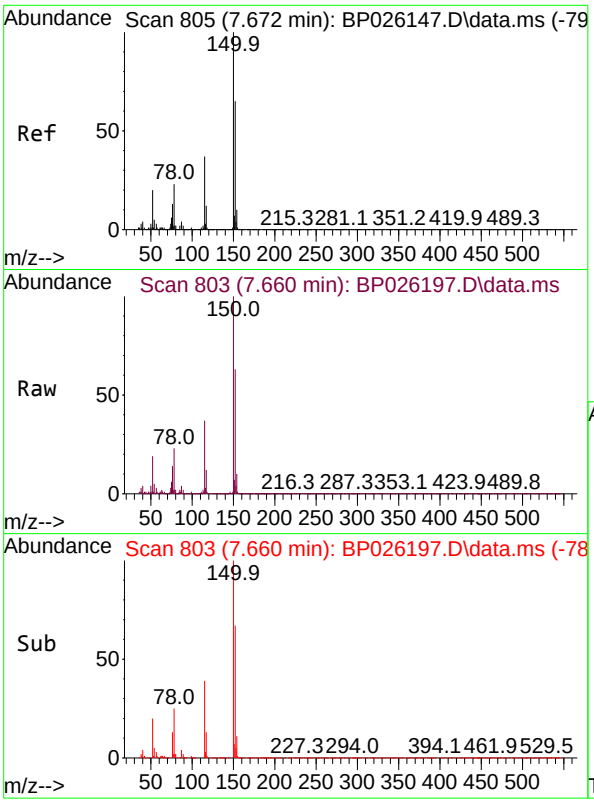
Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

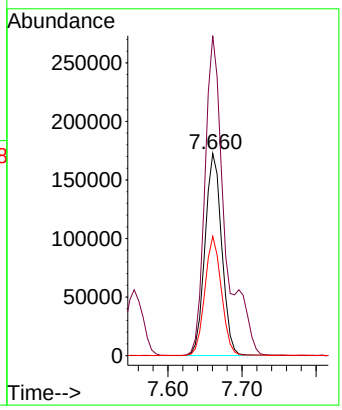





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:152 Resp: 27117

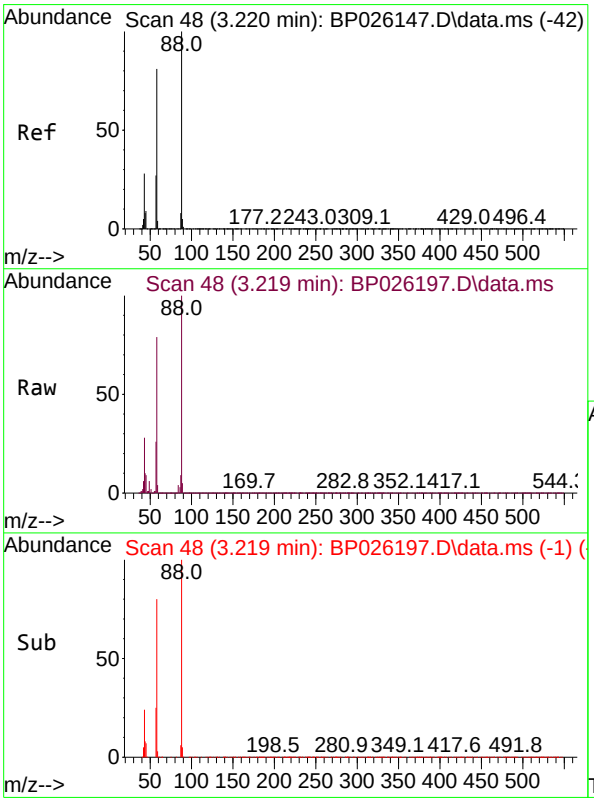
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 123.0 | 184.6 |
| 115 | 59.0 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

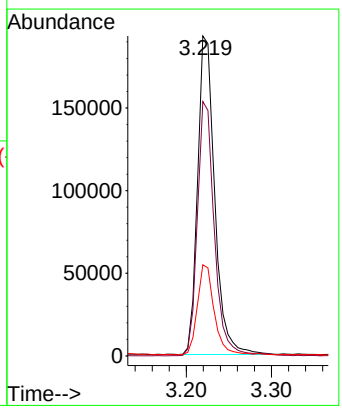
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

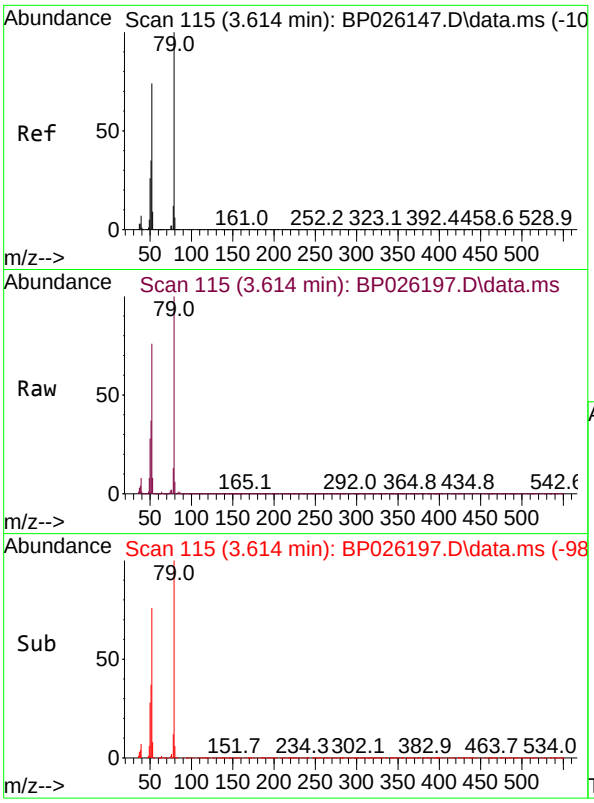



#2
1,4-Dioxane
Concen: 39.307 ng
RT: 3.219 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 88 Resp: 269352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 79.3 | 64.2 | 96.4 |
| 43 | 27.9 | 21.5 | 32.3 |






#3
Pyridine
Concen: 37.574 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

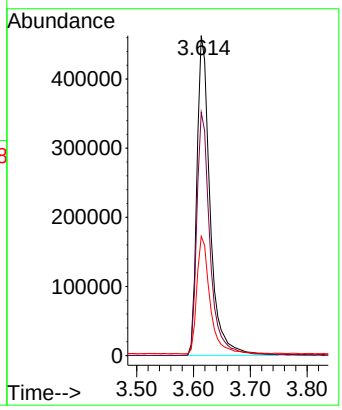
Tgt Ion: 79 Resp: 74409

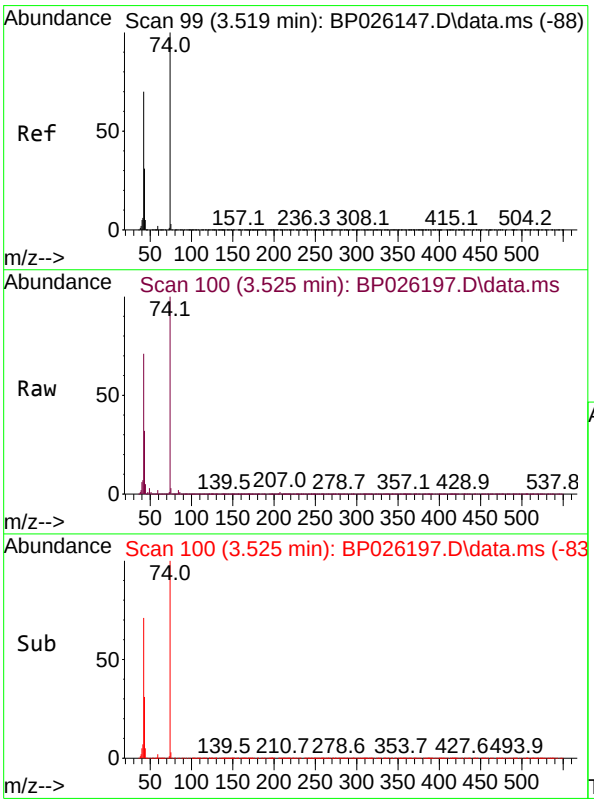
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 76.0 | 60.2 | 90.2 |
| 51 | 37.2 | 29.5 | 44.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

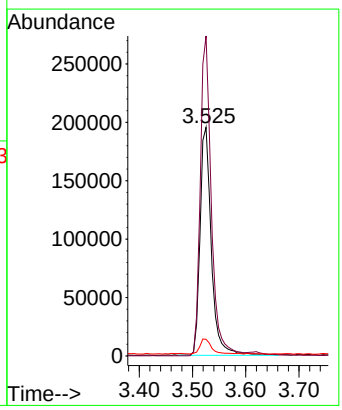


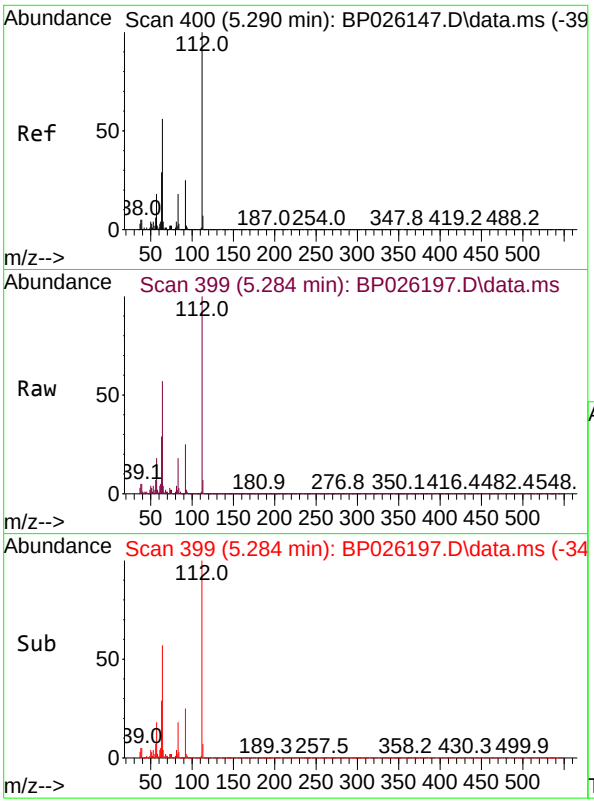




#4
n-Nitrosodimethylamine
Concen: 38.927 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 42 Resp: 288111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.0 | 118.1 | 177.1 |
| 44 | 7.3 | 6.2 | 9.4 |






#5
2-Fluorophenol
Concen: 75.953 ng
RT: 5.284 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:112 Resp: 128319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.1 | 45.8 | 68.6 |
| 63 | 29.0 | 23.5 | 35.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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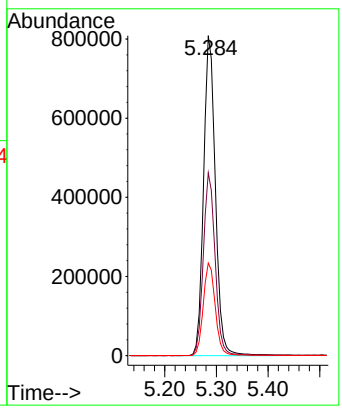
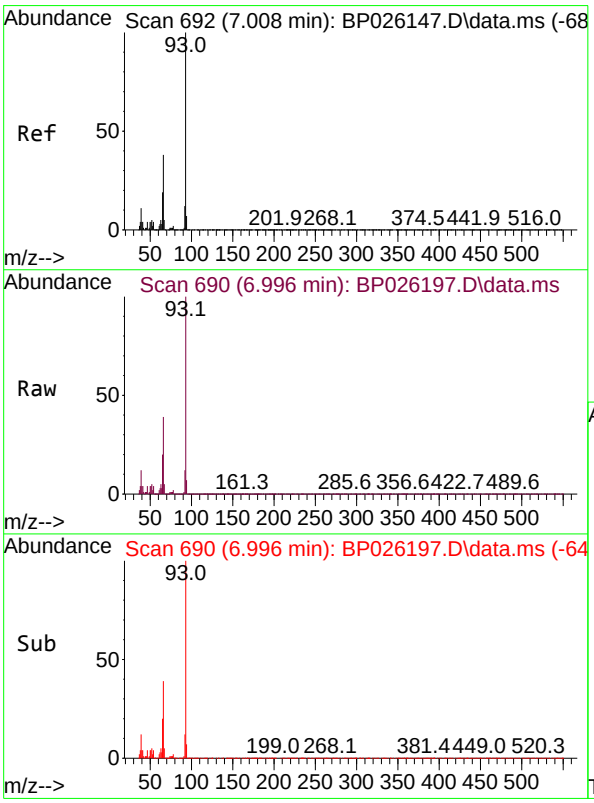
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

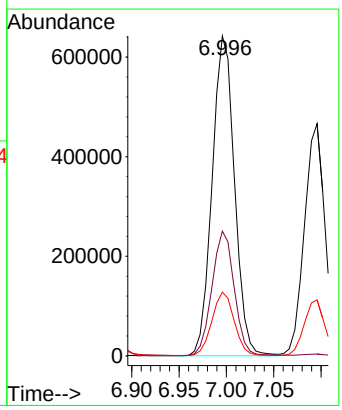


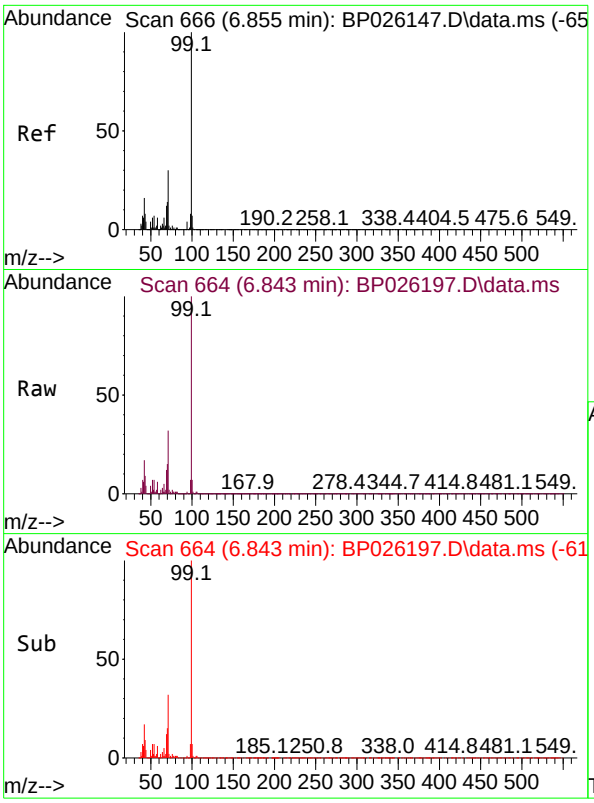




#6
Aniline
Concen: 37.122 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 93 Resp: 1054187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.0 | 31.7 | 47.5 |
| 65 | 20.0 | 15.8 | 23.6 |

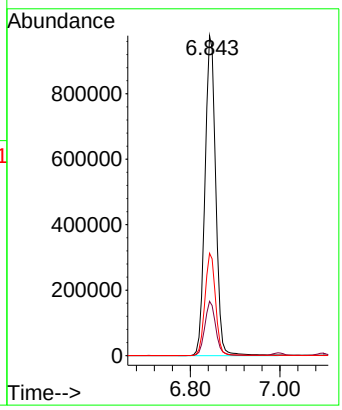





#7
Phenol-d6
Concen: 75.446 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 99 Resp: 162270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.0 | 12.9 | 19.3 |
| 71 | 32.0 | 24.8 | 37.2 |




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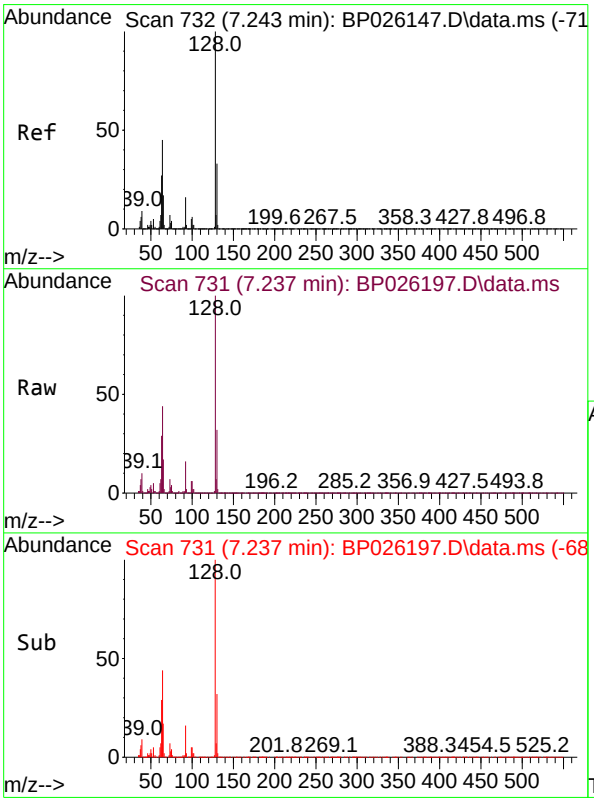
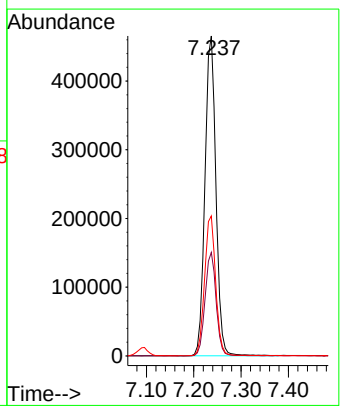
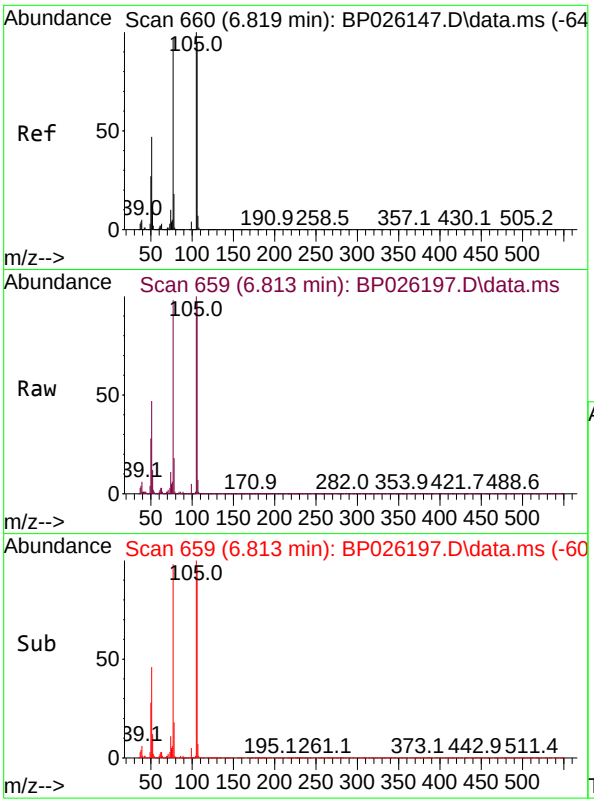



#8
2-Chlorophenol
Concen: 38.956 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:128 Resp: 749138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.4 | 52.4 |
| 64 | 43.7 | 23.9 | 63.9 |

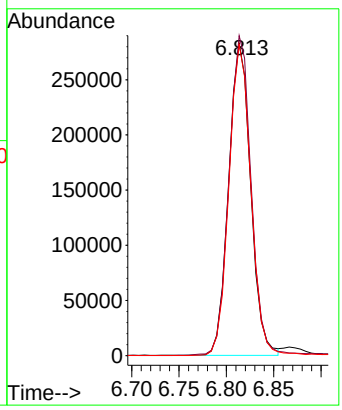





#9
Benzaldehyde
Concen: 40.603 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 77 Resp: 45763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.5 | 82.9 | 122.9 |
| 106 | 99.7 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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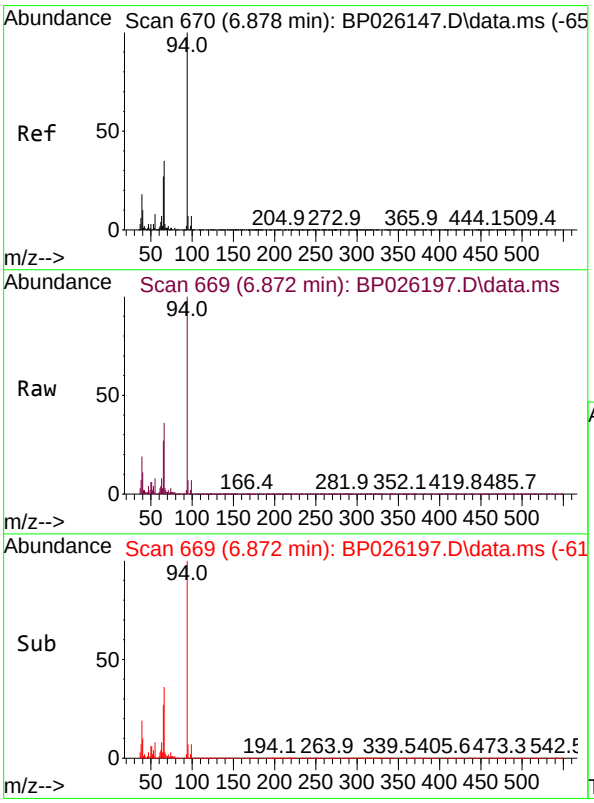
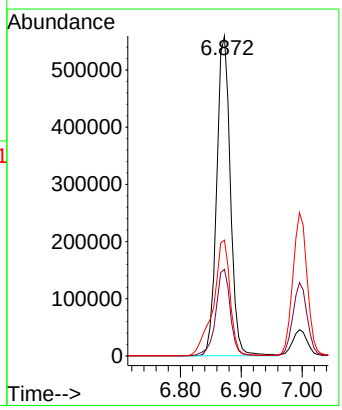
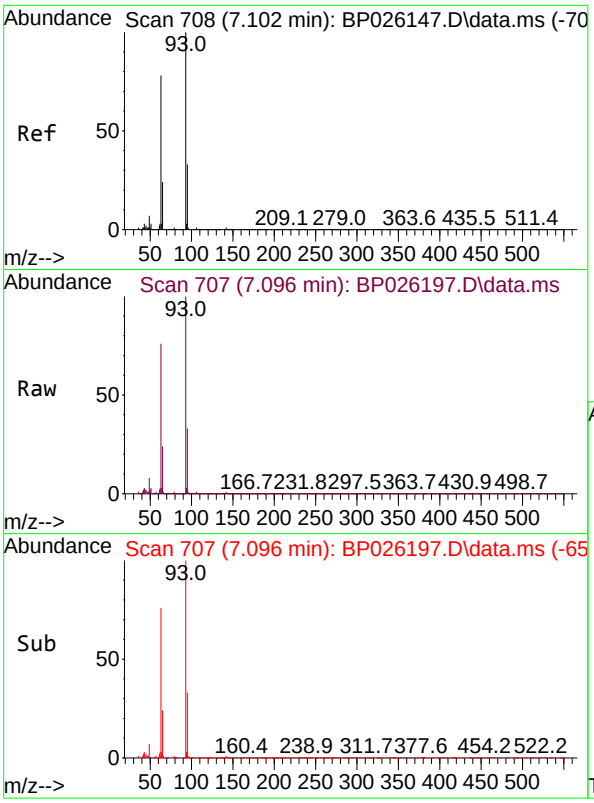



#10
Phenol
Concen: 37.721 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 94 Resp: 873995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.0 | 7.0 | 47.0 |
| 66 | 36.2 | 14.5 | 54.5 |

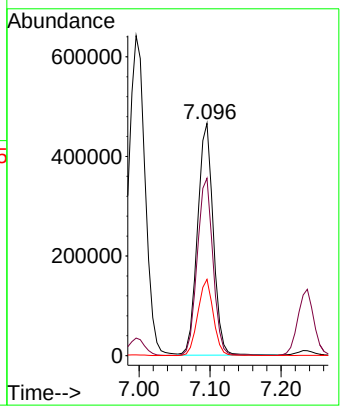





#11
bis(2-Chloroethyl)ether
Concen: 39.229 ng
RT: 7.096 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 93 Resp: 71168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.4 | 58.8 | 98.8 |
| 95 | 32.8 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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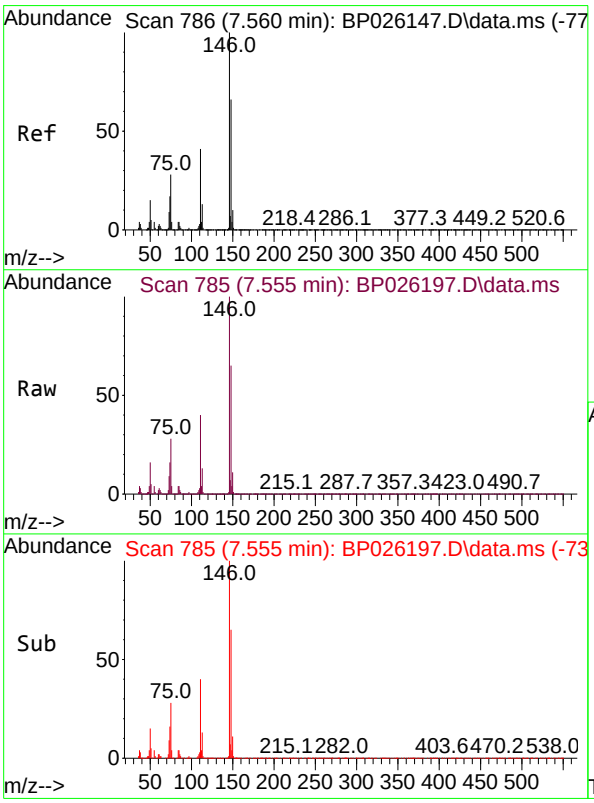
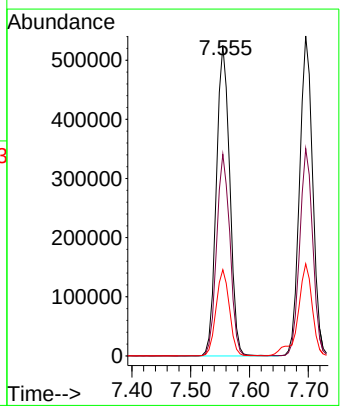
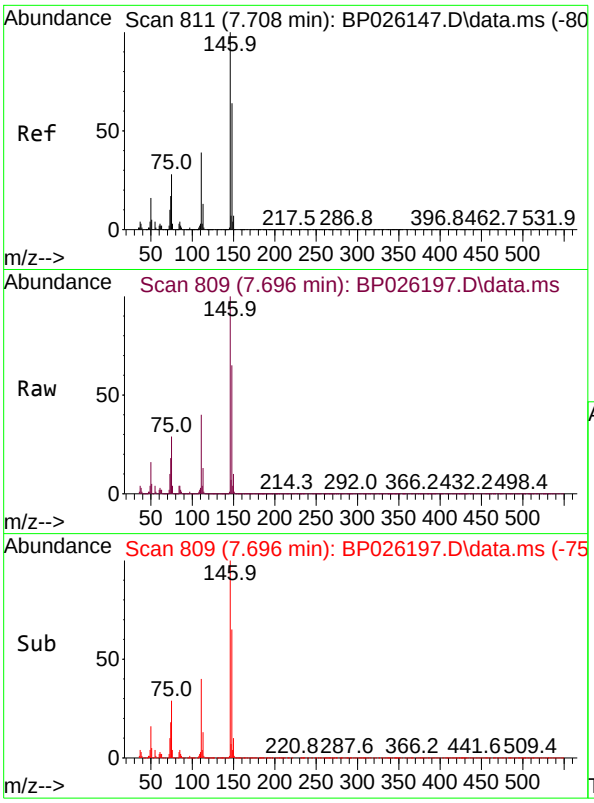



#12
1,3-Dichlorobenzene
Concen: 40.046 ng
RT: 7.555 min Scan# 785
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:146 Resp: 829672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 51.8 | 77.8 |
| 75 | 27.8 | 22.2 | 33.2 |

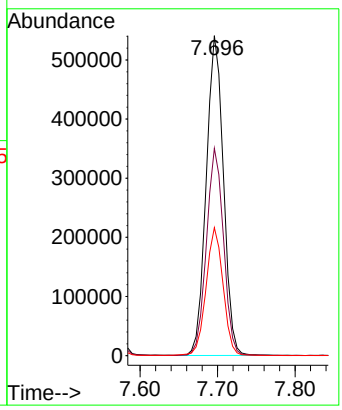





#13
1,4-Dichlorobenzene
Concen: 39.932 ng
RT: 7.696 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:146 Resp: 83363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.4 | 77.2 |
| 111 | 40.0 | 31.7 | 47.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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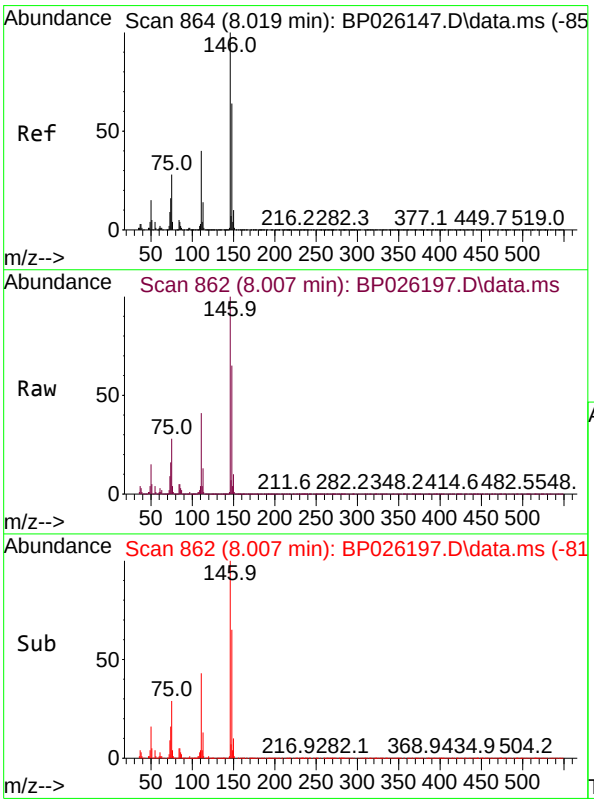
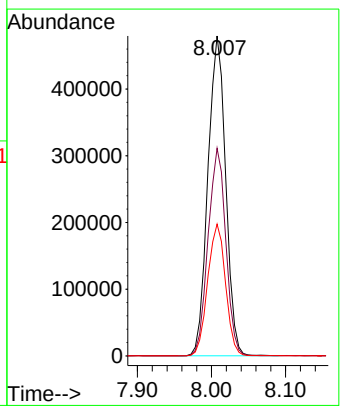
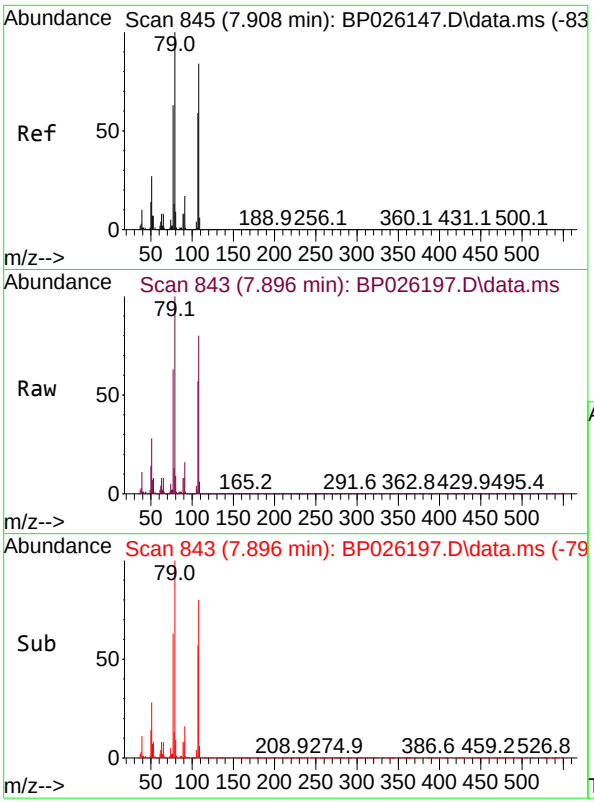



#14
1,2-Dichlorobenzene
Concen: 39.835 ng
RT: 8.007 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:146 Resp: 798558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.0 | 76.6 |
| 111 | 41.2 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 37.411 ng
RT: 7.896 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 79 Resp: 589490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 80.0 | 66.2 | 99.4 |
| 77 | 63.4 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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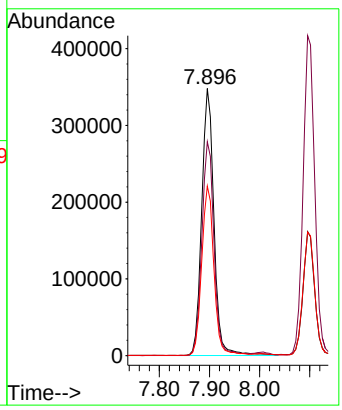
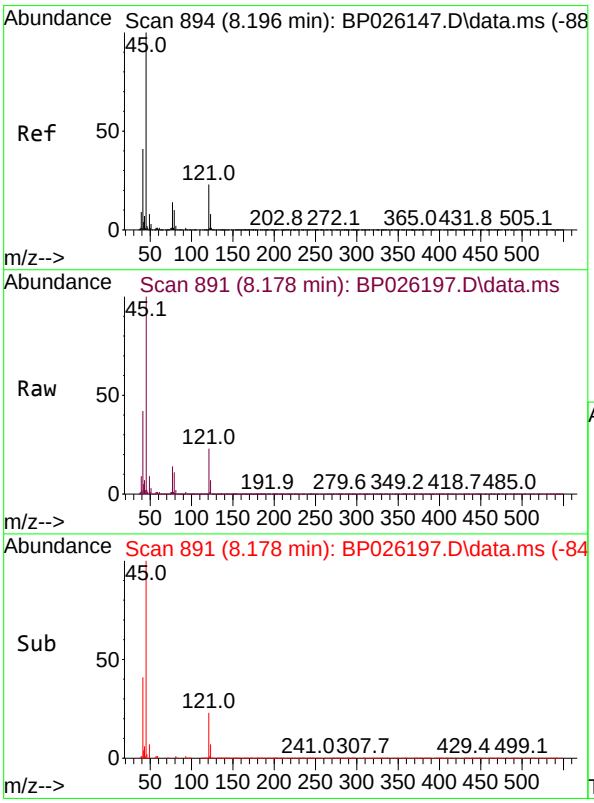
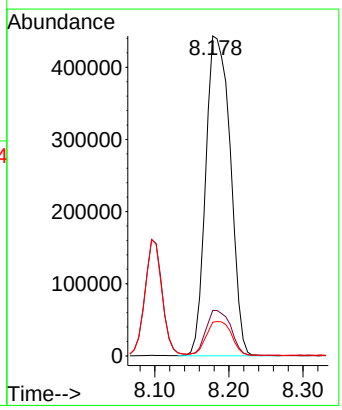


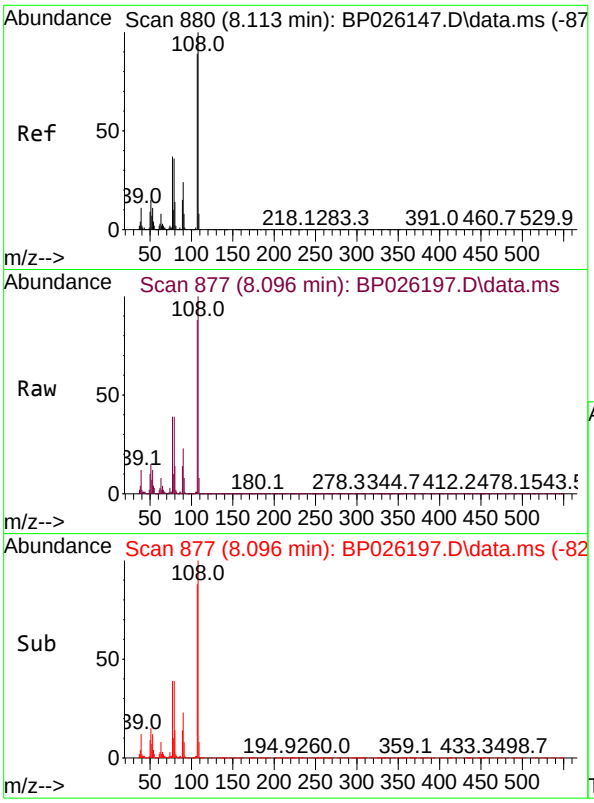




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.007 ng
RT: 8.178 min Scan# 891
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 45 Resp: 1019307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.2 | 0.0 | 33.9 |
| 79 | 10.5 | 0.0 | 30.4 |

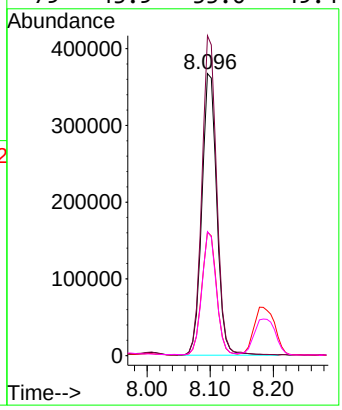





#17
2-Methylphenol
Concen: 38.169 ng
RT: 8.096 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:107 Resp: 60203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.5 | 89.7 | 134.5 |
| 77 | 43.8 | 33.9 | 50.9 |
| 79 | 43.9 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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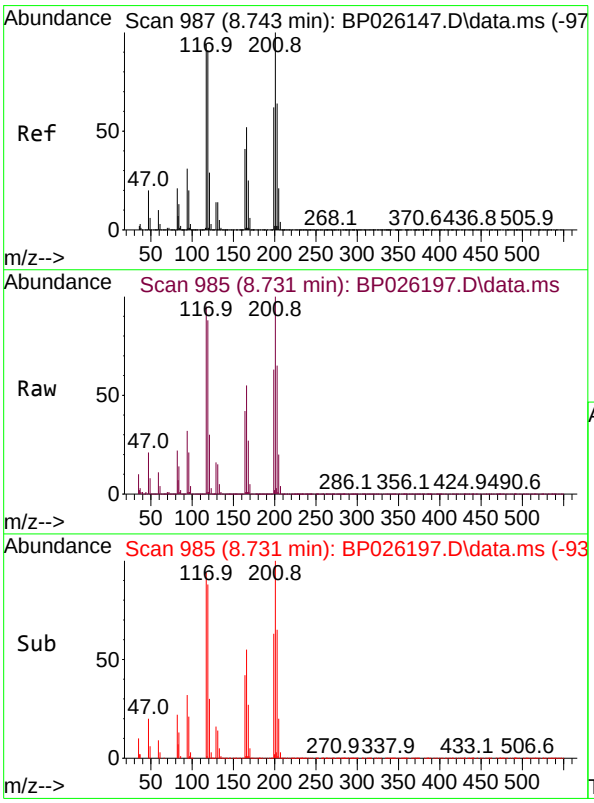
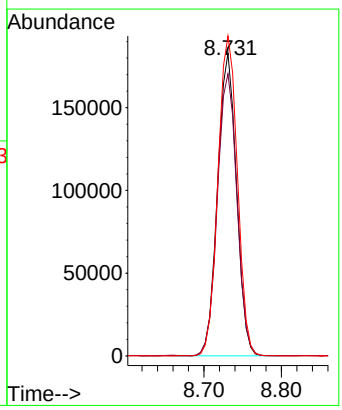
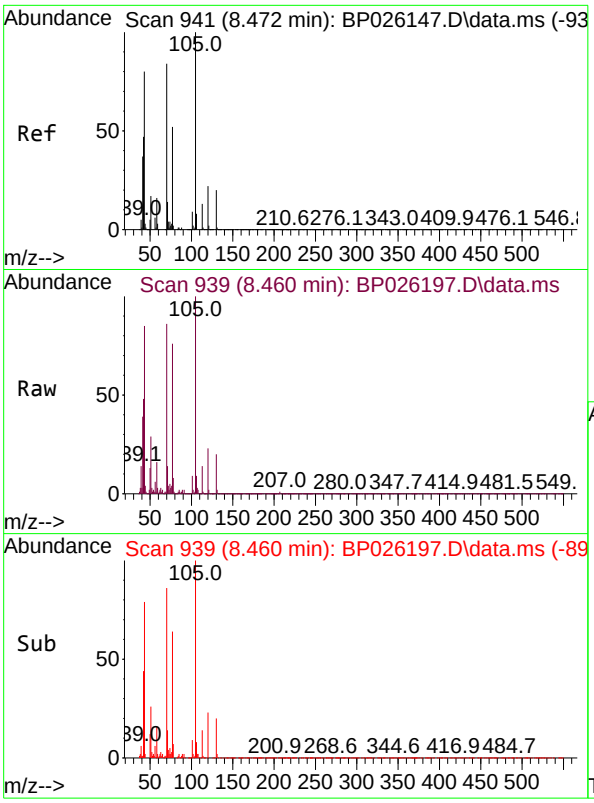



#18
Hexachloroethane
Concen: 40.893 ng
RT: 8.731 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:117 Resp: 310623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.2 | 78.7 | 118.1 |
| 201 | 105.7 | 85.1 | 127.7 |

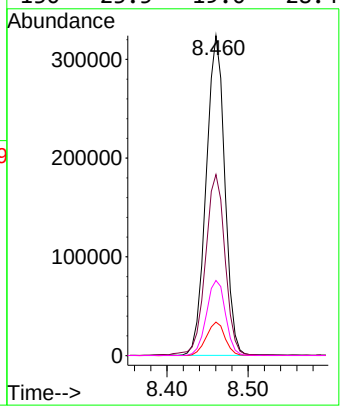





#19
n-Nitroso-di-n-propylamine
Concen: 38.692 ng
RT: 8.460 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 70 Resp: 51698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.6 | 44.1 | 66.1 |
| 101 | 10.5 | 8.2 | 12.4 |
| 130 | 23.5 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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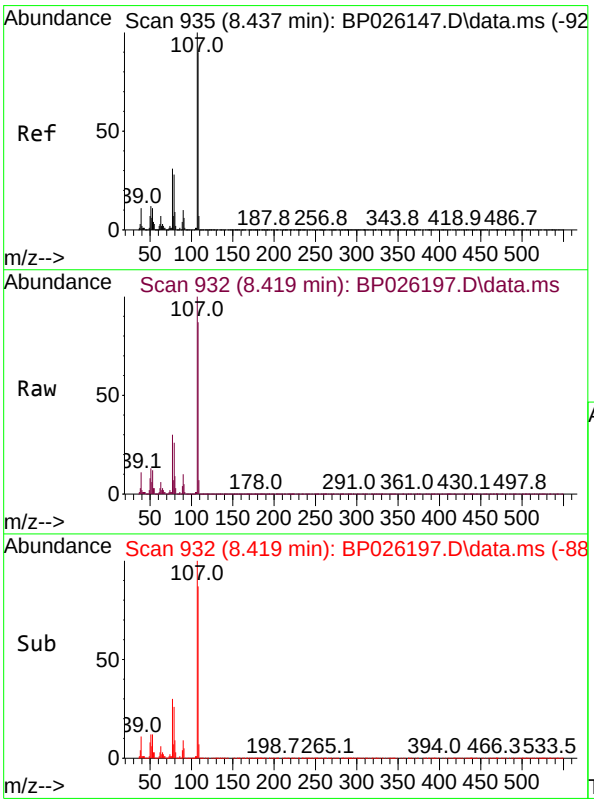
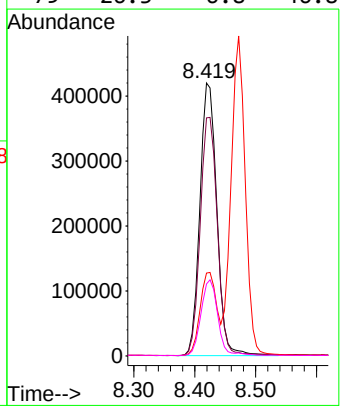
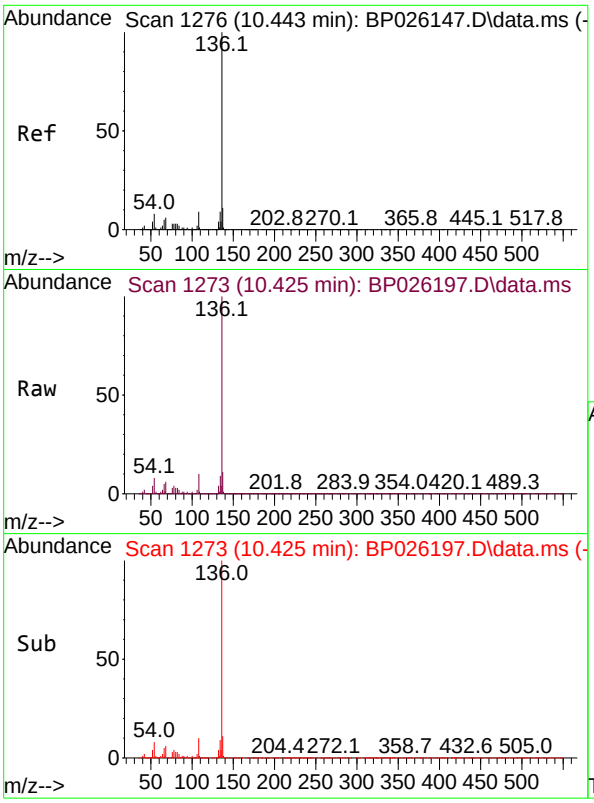



#20
3+4-Methylphenols
Concen: 37.100 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:107 Resp: 810873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.2 | 68.9 | 108.9 |
| 77 | 30.4 | 10.4 | 50.4 |
| 79 | 26.3 | 6.8 | 46.8 |

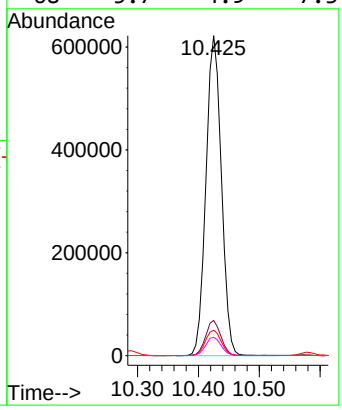





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:136 Resp: 109350

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




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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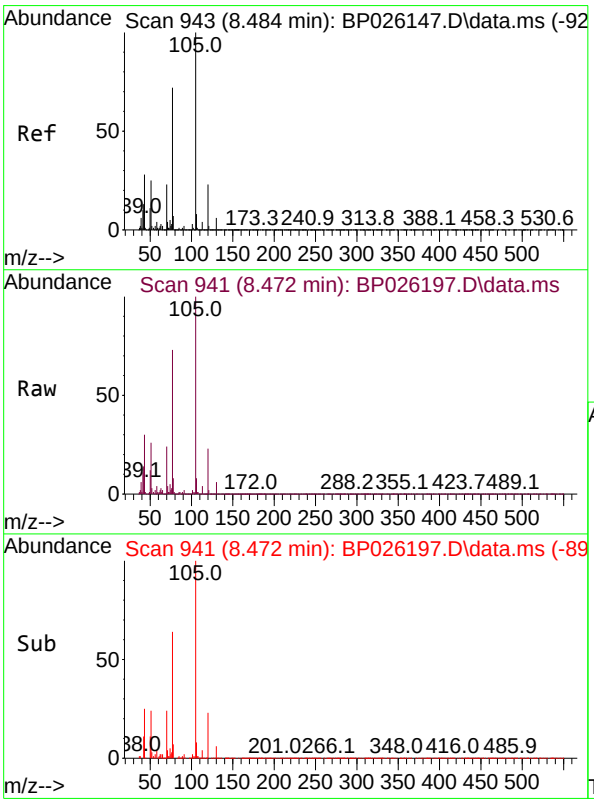
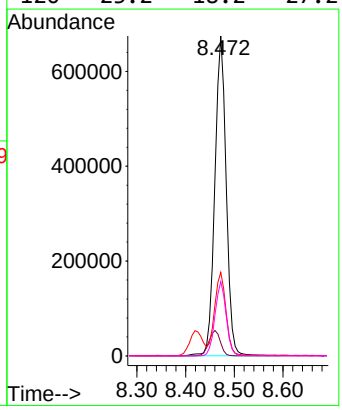
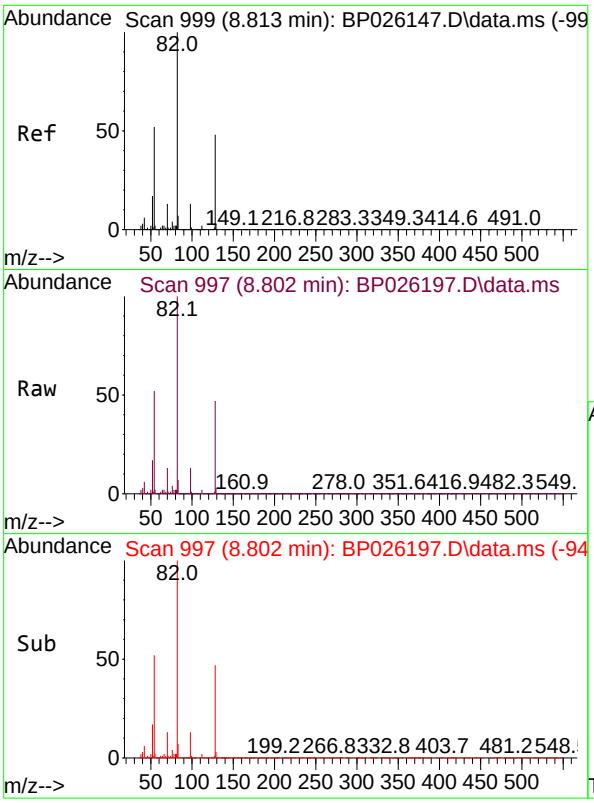



#22
Acetophenone
Concen: 39.353 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:105 Resp: 1093793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.1 | 3.0 | 4.4 |
| 51 | 26.1 | 20.5 | 30.7 |
| 120 | 23.2 | 18.2 | 27.2 |

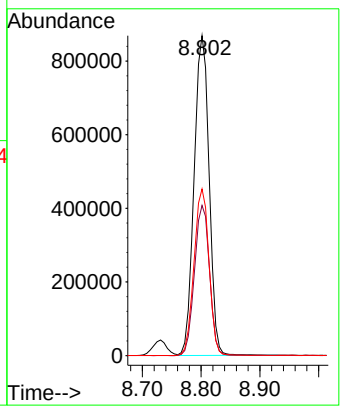





#23
Nitrobenzene-d5
Concen: 80.010 ng
RT: 8.802 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 82 Resp: 154028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.9 | 37.4 | 56.0 |
| 54 | 52.1 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
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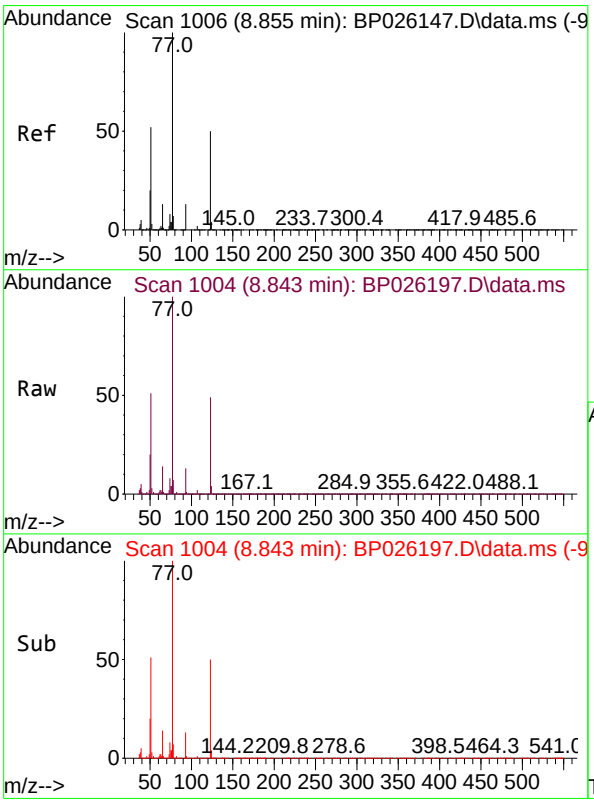
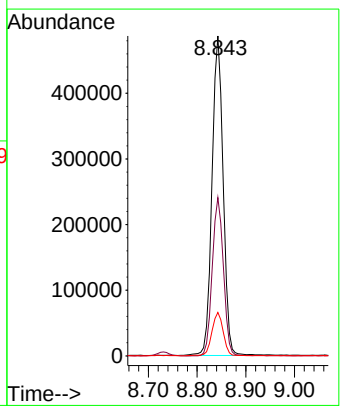
Supervised By :mohammad ahmed 12/03/2025

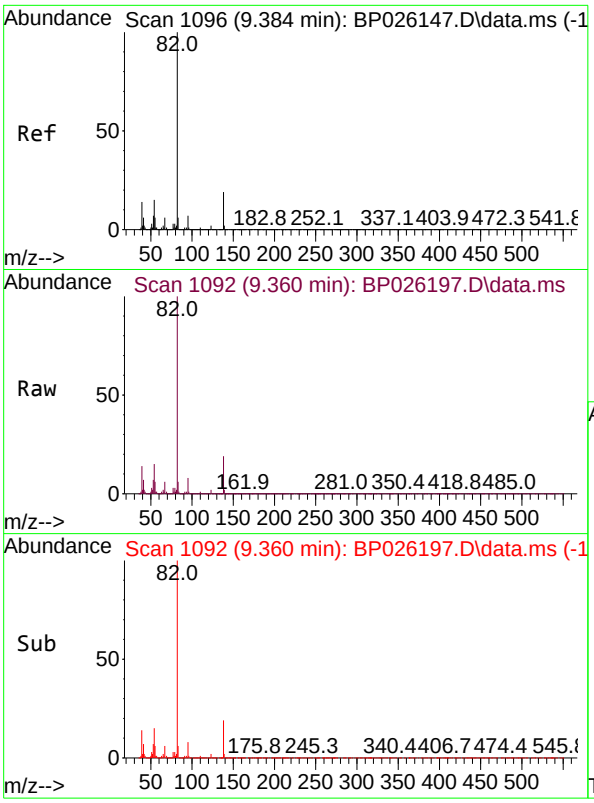



#24
Nitrobenzene
Concen: 39.935 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 77 Resp: 777675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.5 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |

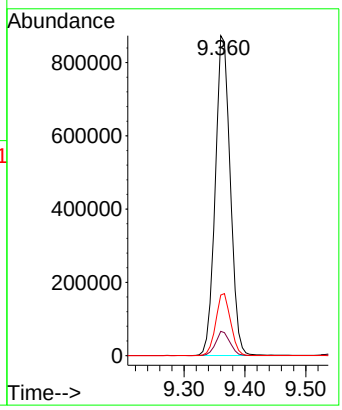





#25
Isophorone
Concen: 39.144 ng
RT: 9.360 min Scan# 10
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 82 Resp: 149393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 5.4 | 8.0 |
| 138 | 18.9 | 15.4 | 23.0 |

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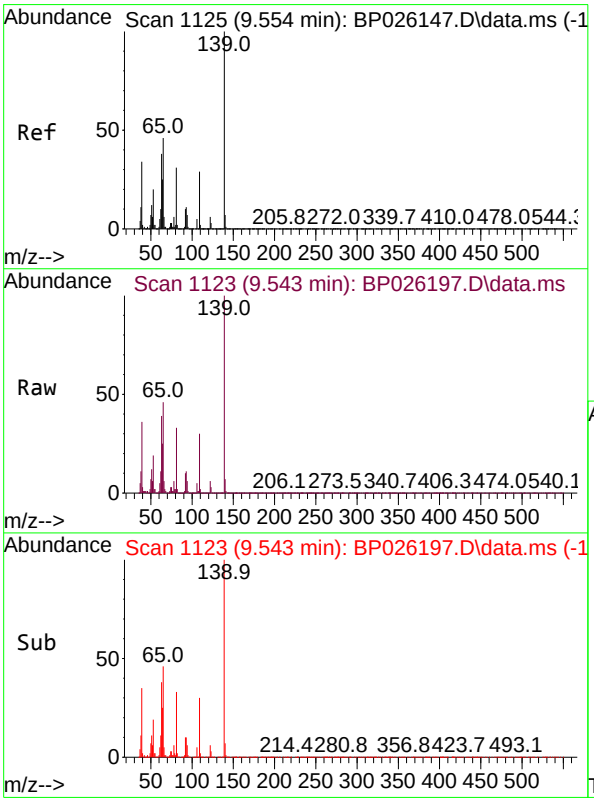
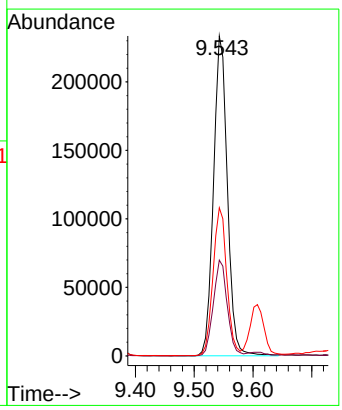
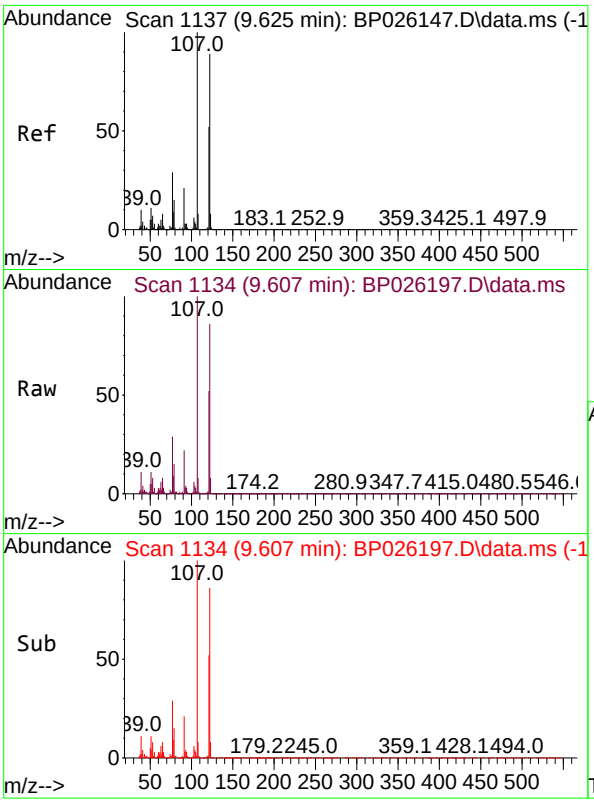



#26
2-Nitrophenol
Concen: 38.860 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:139 Resp: 382911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.9 | 22.3 | 33.5 |
| 65 | 46.3 | 37.2 | 55.8 |

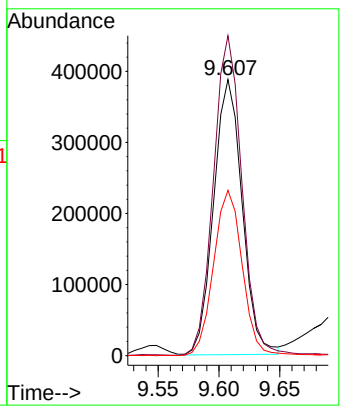





#27
2,4-Dimethylphenol
Concen: 35.586 ng
RT: 9.607 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:122 Resp: 63230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.9 | 91.0 | 136.6 |
| 121 | 59.9 | 47.0 | 70.6 |




**Instrument :**
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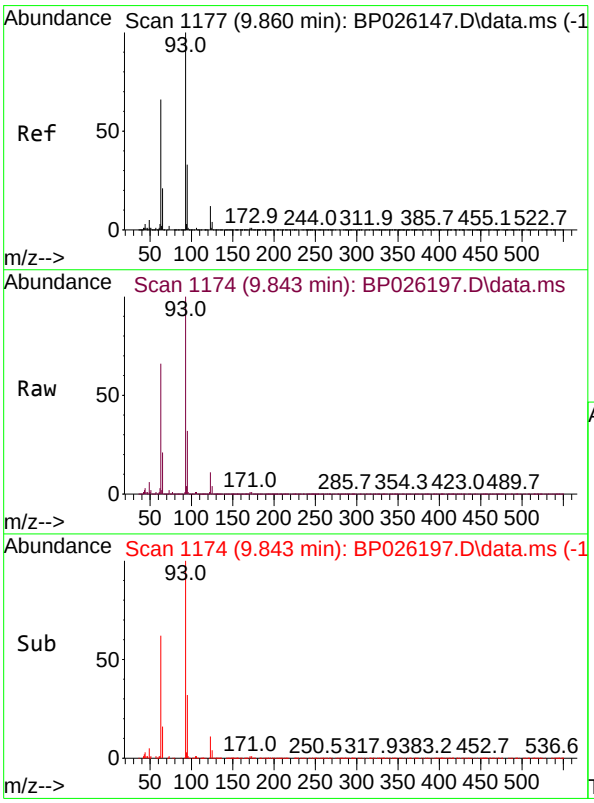
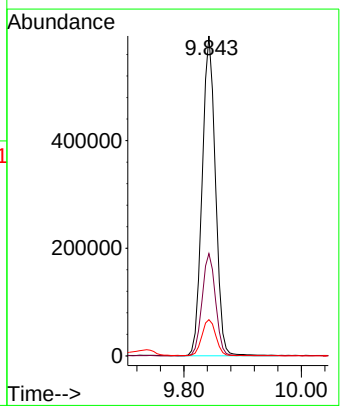
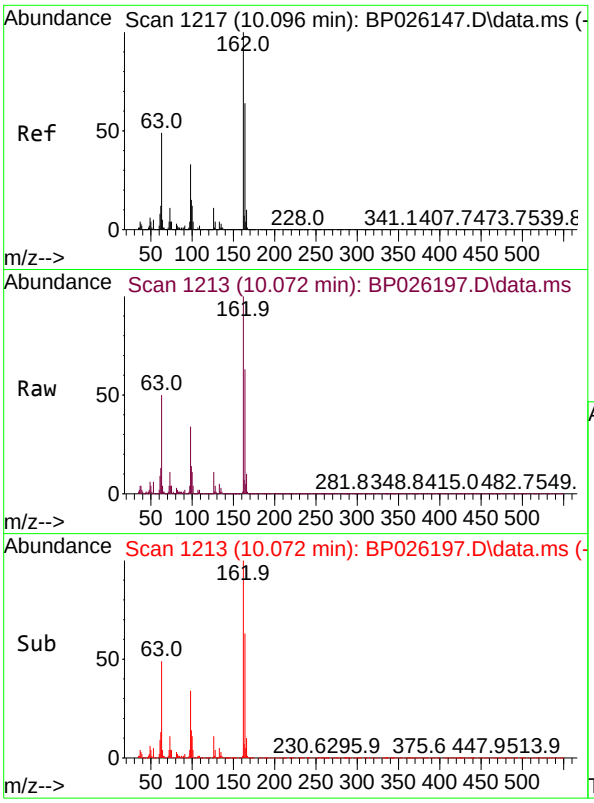



#28
bis(2-Chloroethoxy)methane
Concen: 39.003 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 93 Resp: 932252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.0 | 26.4 | 39.6 |
| 123 | 11.3 | 9.4 | 14.0 |

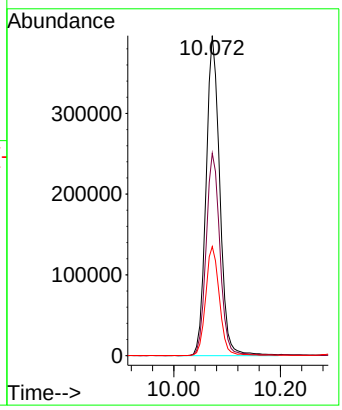





#29
2,4-Dichlorophenol
Concen: 39.761 ng
RT: 10.072 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:162 Resp: 70610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.2 | 43.8 | 83.8 |
| 98 | 34.1 | 14.1 | 54.1 |




**Instrument :**
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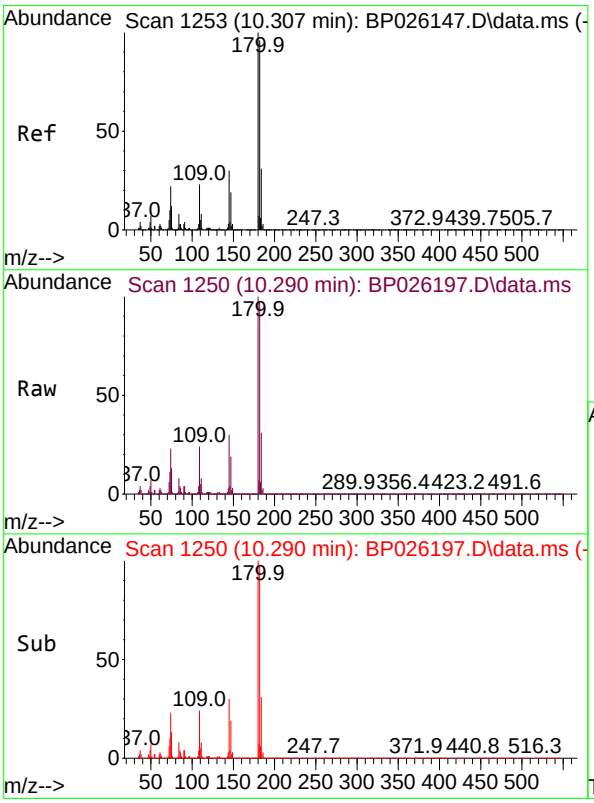
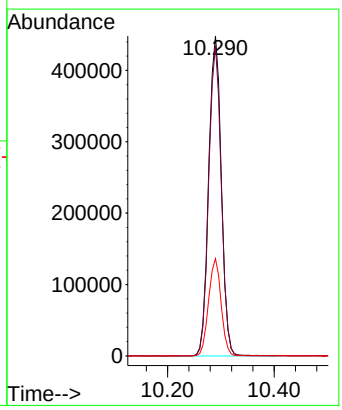
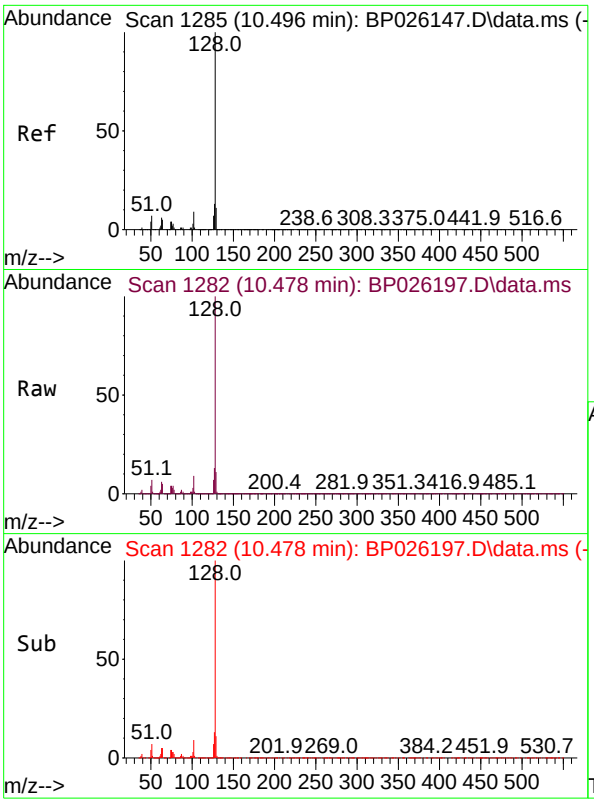



#30
1,2,4-Trichlorobenzene
Concen: 40.785 ng
RT: 10.290 min Scan# 1250
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:180 Resp: 737552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 78.1 | 117.1 |
| 145 | 30.4 | 24.2 | 36.4 |

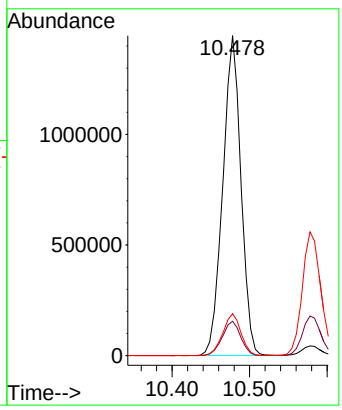





#31
Naphthalene
Concen: 39.984 ng
RT: 10.478 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:128 Resp: 236296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |




**Instrument :**
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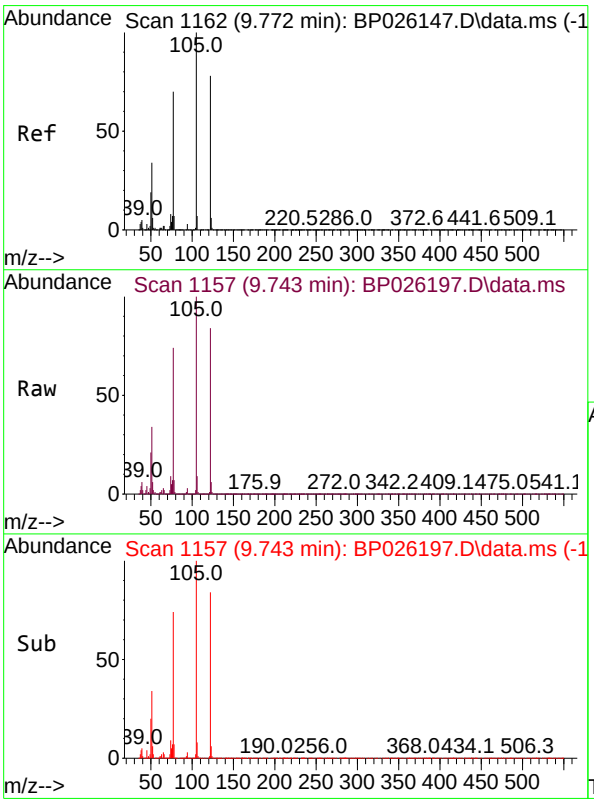
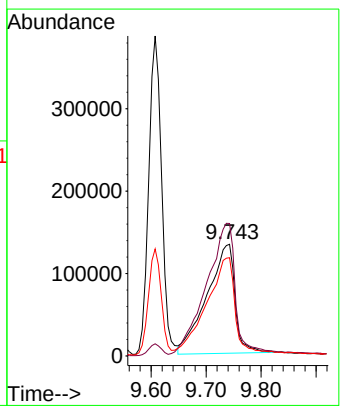
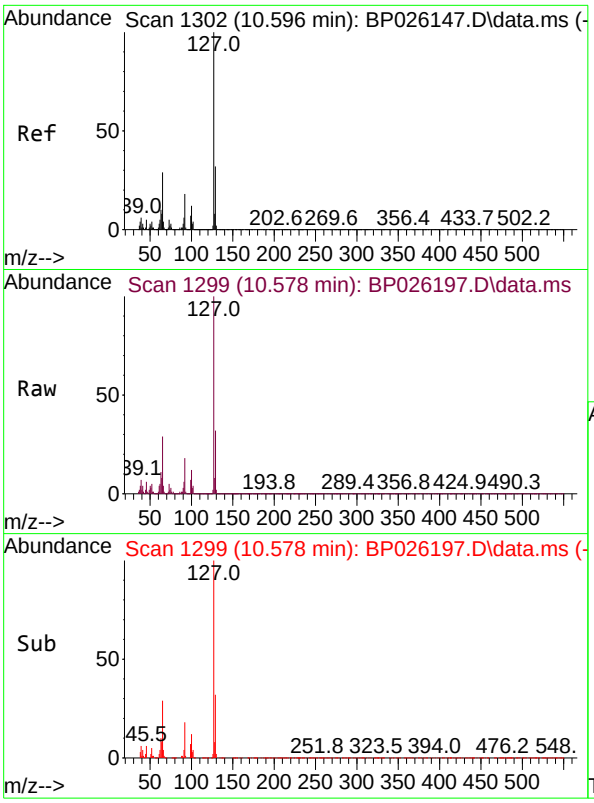



#32
Benzoic acid
Concen: 31.513 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:122 Resp: 471520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.6 | 100.1 | 140.1 |
| 77 | 87.9 | 66.7 | 106.7 |

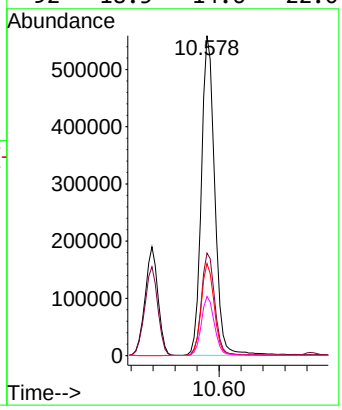





#33
4-Chloroaniline
Concen: 37.586 ng
RT: 10.578 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:127 Resp: 94463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.8 | 38.8 |
| 65 | 28.8 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |

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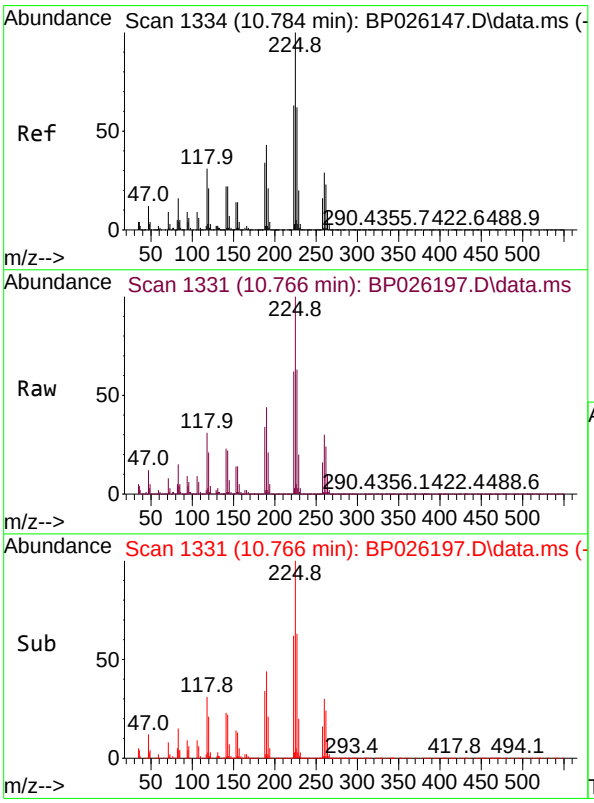
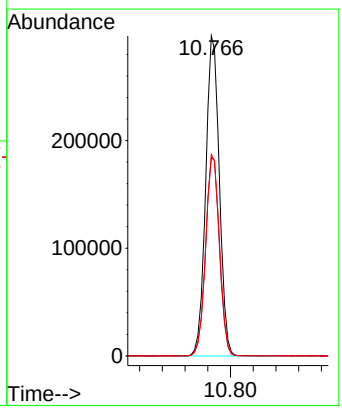
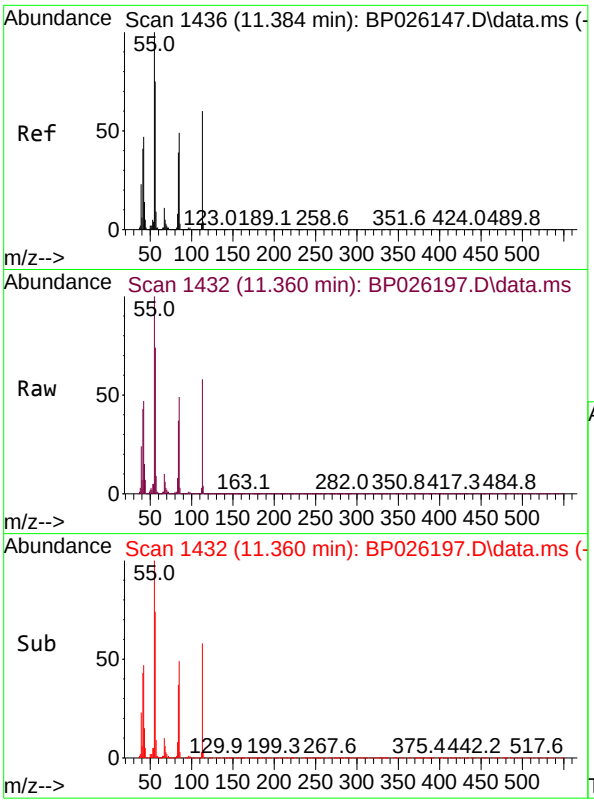



#34
Hexachlorobutadiene
Concen: 42.211 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:225 Resp: 496455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 49.6 | 74.4 |
| 227 | 62.9 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 35.968 ng
RT: 11.360 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:113 Resp: 228718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 172.6 | 153.0 | 193.0 |
| 56 | 128.3 | 106.4 | 146.4 |

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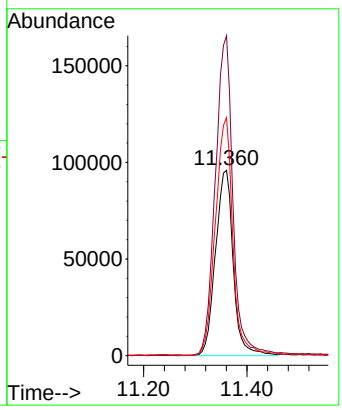
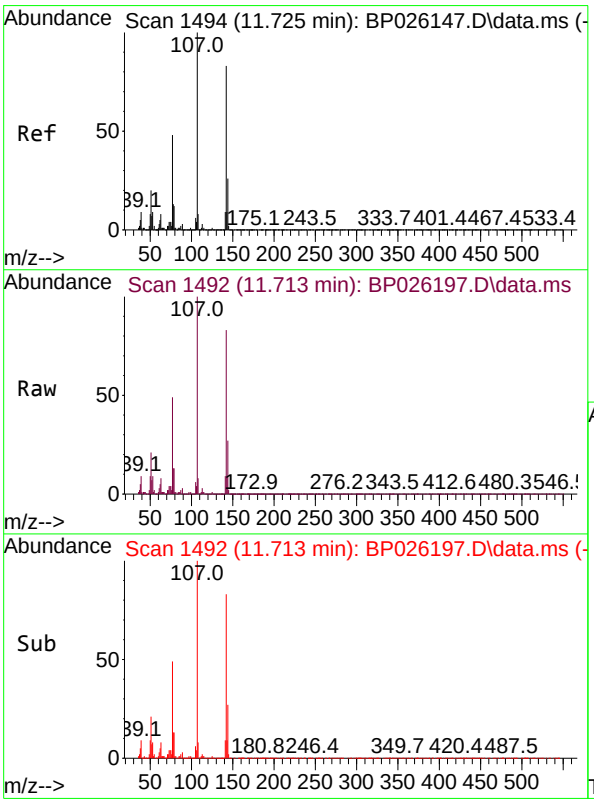
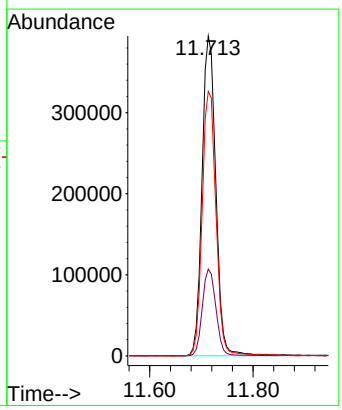


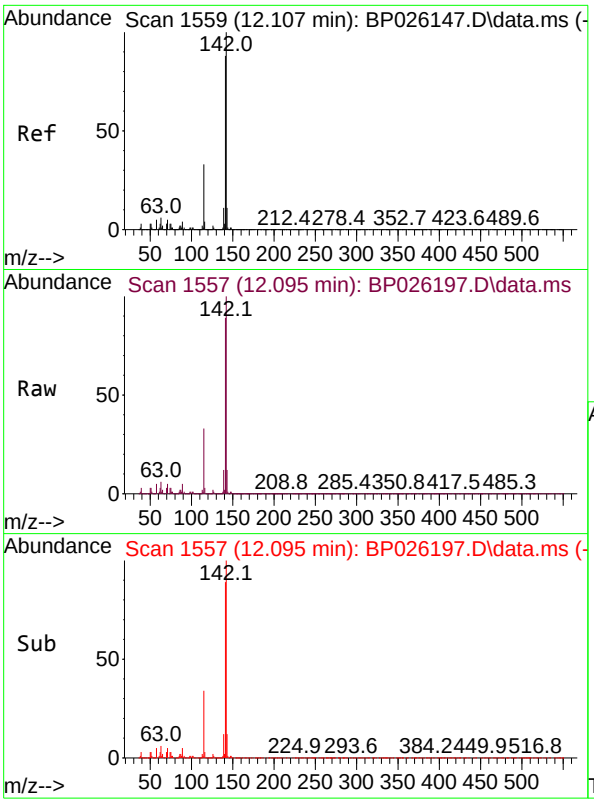




#36
4-Chloro-3-methylphenol
Concen: 38.646 ng
RT: 11.713 min Scan# 1492
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:107 Resp: 729444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.1 | 21.6 | 32.4 |
| 142 | 82.6 | 65.6 | 98.4 |

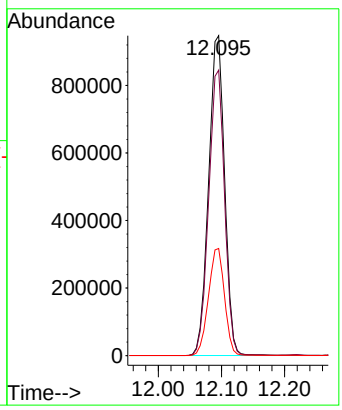





#37
2-Methylnaphthalene
Concen: 39.806 ng
RT: 12.095 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:142 Resp: 166775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 71.0 | 106.6 |
| 115 | 33.5 | 26.6 | 39.8 |

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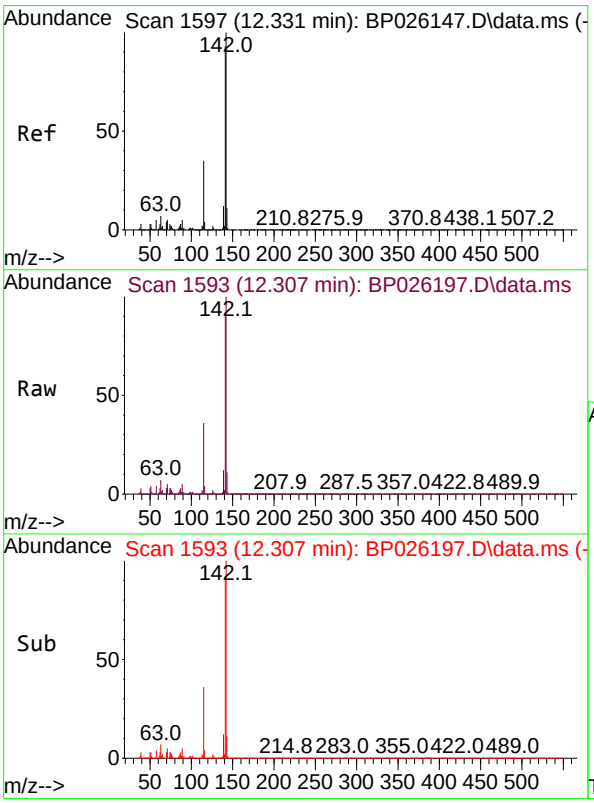
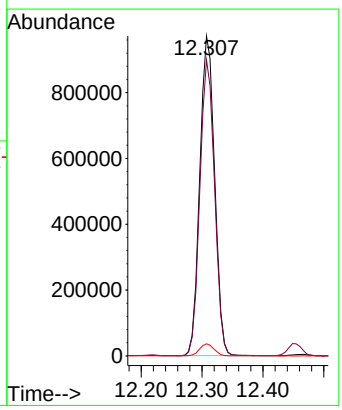
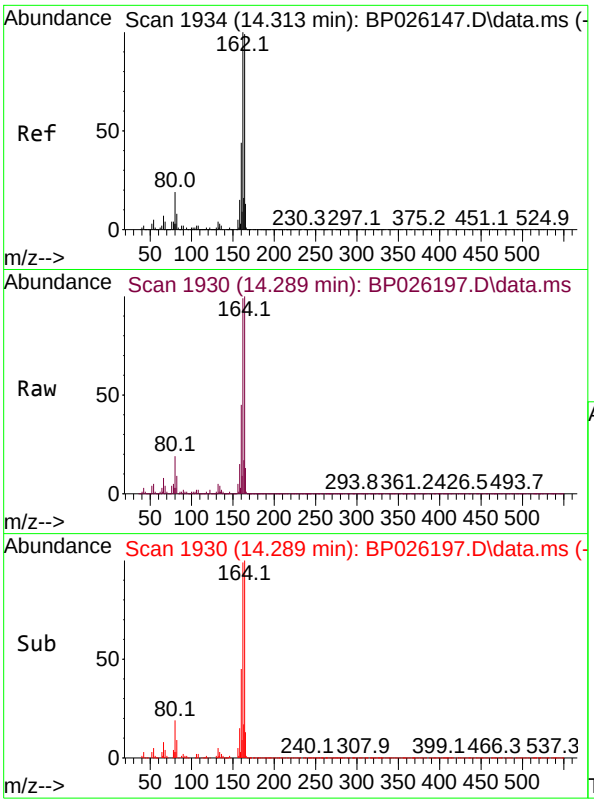



#38
1-Methylnaphthalene
Concen: 40.113 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:142 Resp: 1642652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 73.5 | 110.3 |
| 116 | 3.8 | 3.0 | 4.4 |

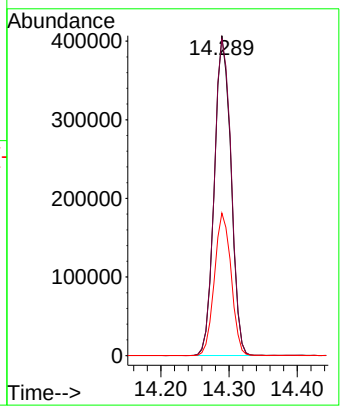





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.289 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:164 Resp: 68376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.0 | 80.3 | 120.5 |
| 160 | 44.5 | 35.2 | 52.8 |

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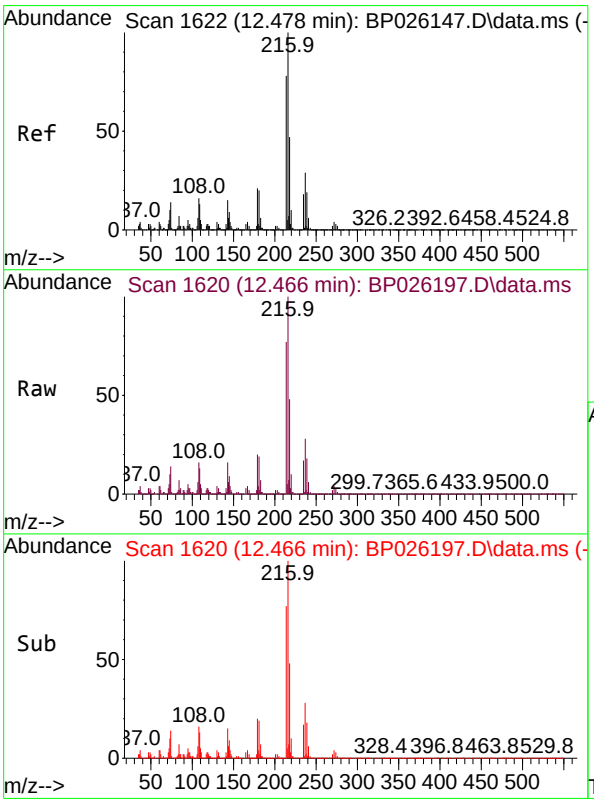
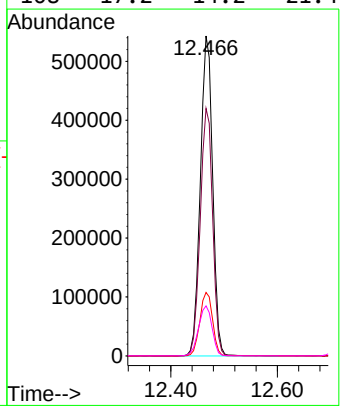
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

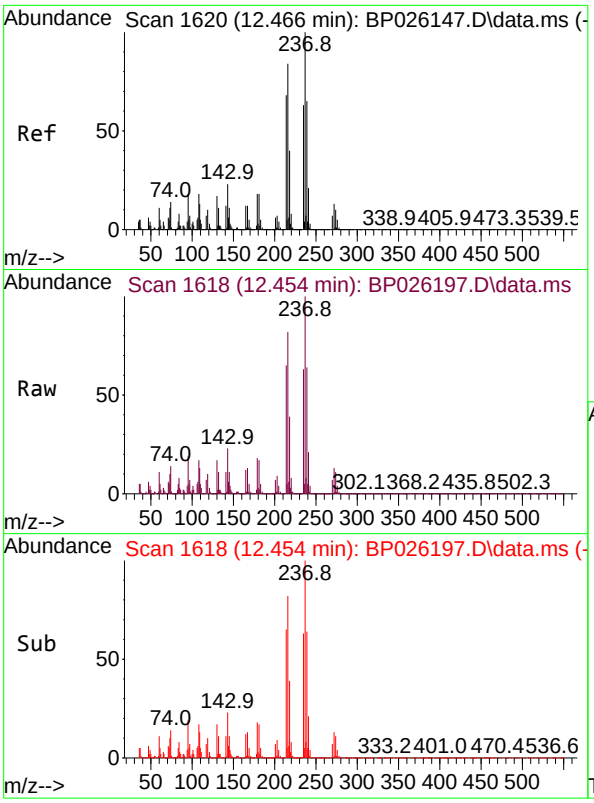



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.981 ng
RT: 12.466 min Scan# 1620
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:216 Resp: 867969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.2 | 62.6 | 94.0 |
| 179 | 20.6 | 16.6 | 25.0 |
| 108 | 17.2 | 14.2 | 21.4 |

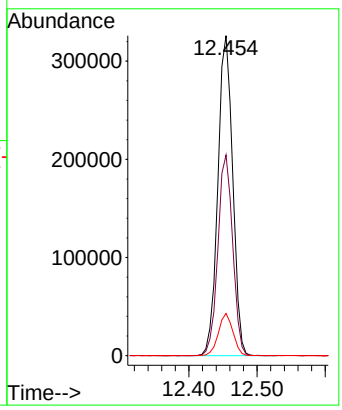





#41
Hexachlorocyclopentadiene
Concen: 36.162 ng
RT: 12.454 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:237 Resp: 48931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 43.3 | 83.3 |
| 272 | 13.2 | 0.0 | 32.9 |




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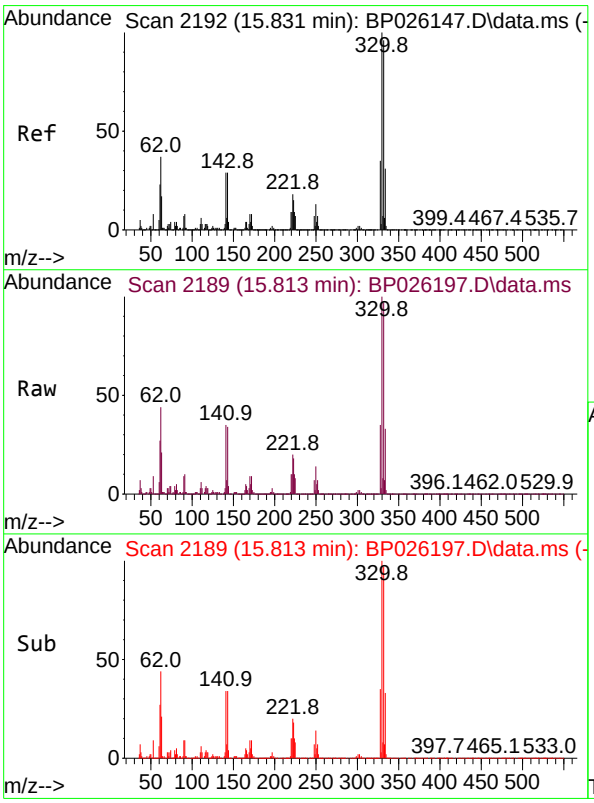
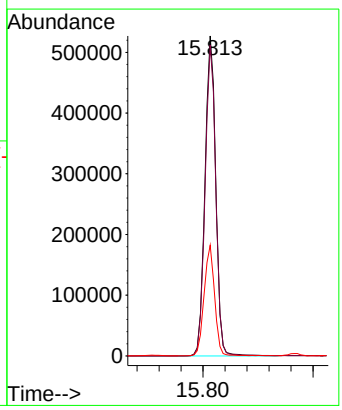
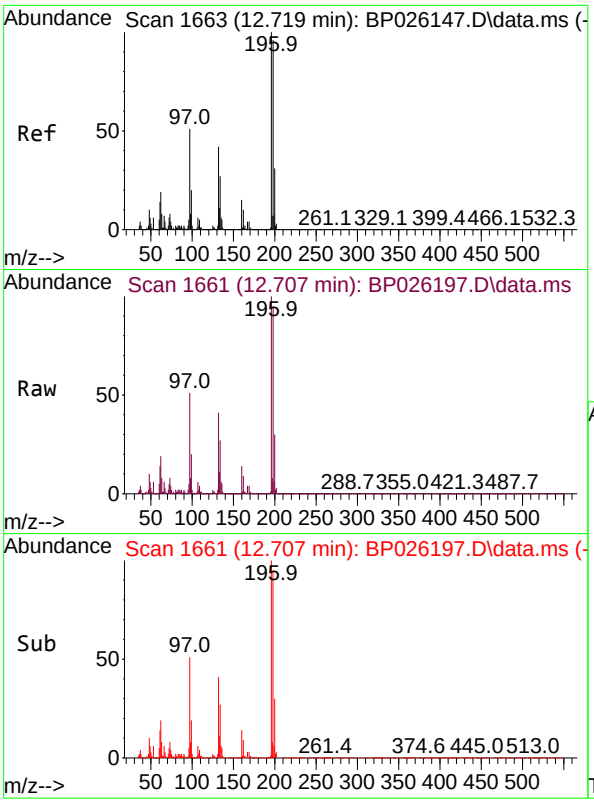



#42
2,4,6-Tribromophenol
Concen: 80.486 ng
RT: 15.813 min Scan# 2189
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:330 Resp: 713914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 78.0 | 117.0 |
| 141 | 33.7 | 26.8 | 40.2 |

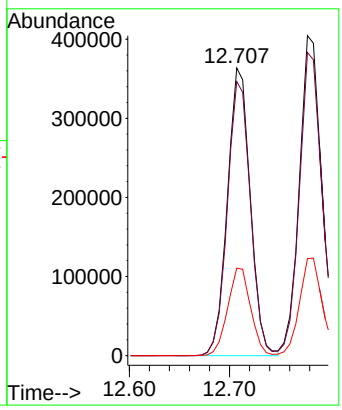





#43
2,4,6-Trichlorophenol
Concen: 40.708 ng
RT: 12.707 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:196 Resp: 57700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 76.9 | 115.3 |
| 200 | 30.4 | 24.6 | 37.0 |




**Instrument :**
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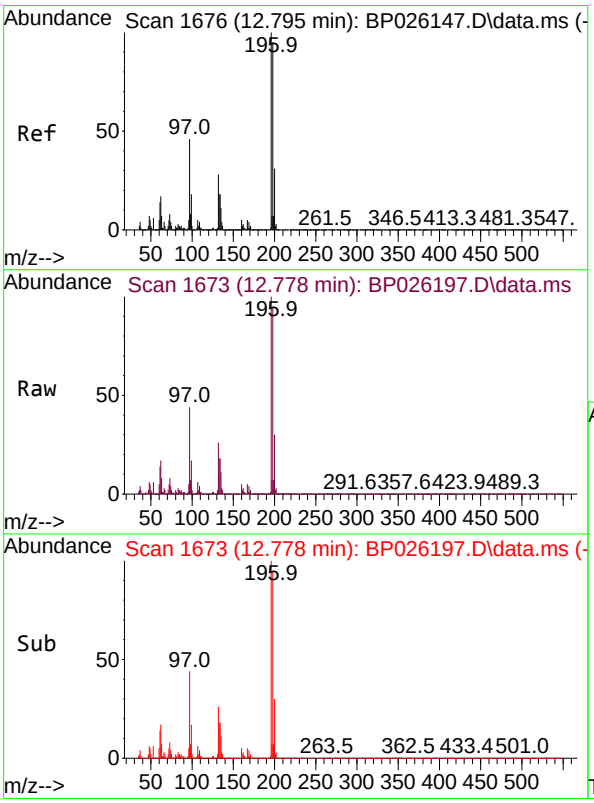
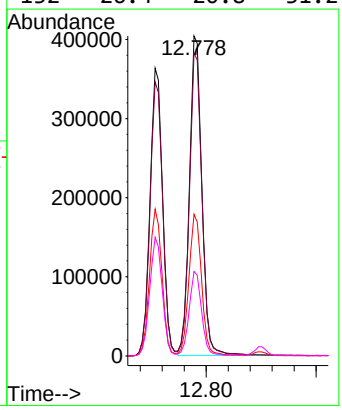
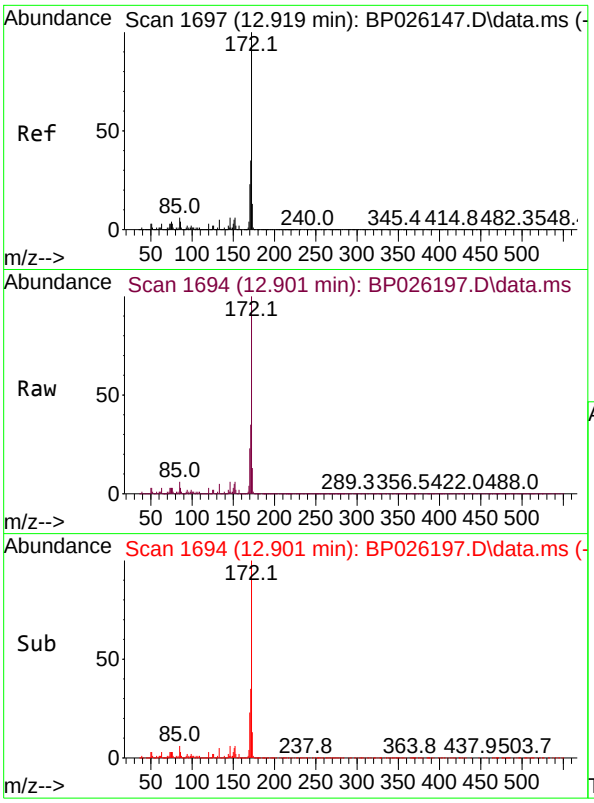



#44
2,4,5-Trichlorophenol
Concen: 40.301 ng
RT: 12.778 min Scan# 1673
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:196 Resp: 637633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.4 | 114.6 |
| 97 | 44.2 | 35.7 | 53.5 |
| 132 | 26.4 | 20.8 | 31.2 |

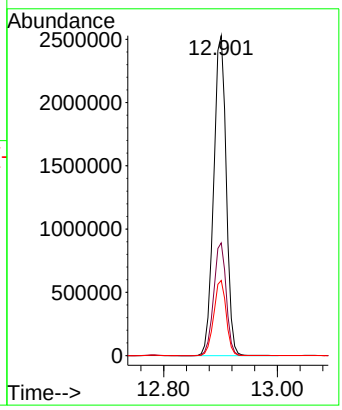





#45
2-Fluorobiphenyl
Concen: 82.928 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:172 Resp: 386891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.2 | 42.4 |
| 170 | 23.5 | 18.7 | 28.1 |




**Instrument :**
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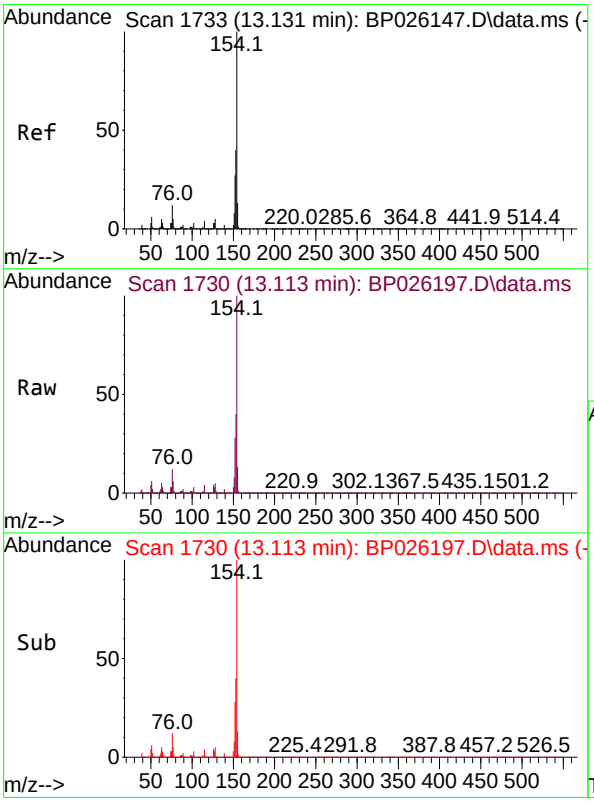
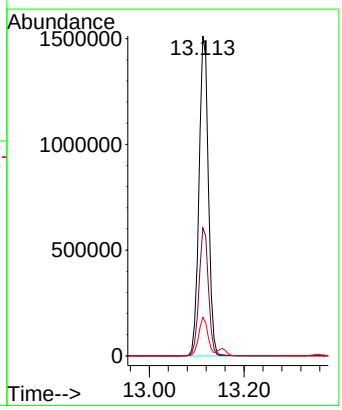
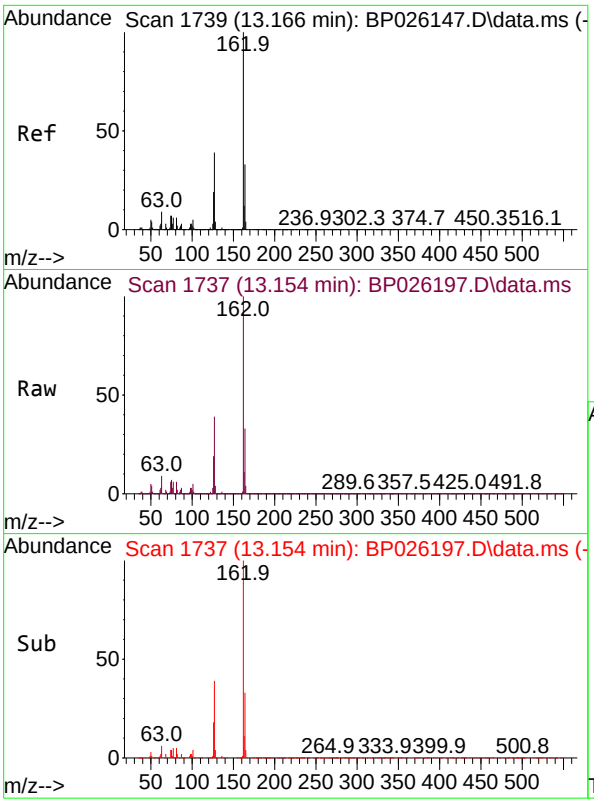



#46
1,1'-Biphenyl
Concen: 40.138 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:154 Resp: 2066591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.0 | 20.3 | 60.3 |
| 76 | 12.0 | 0.0 | 32.3 |

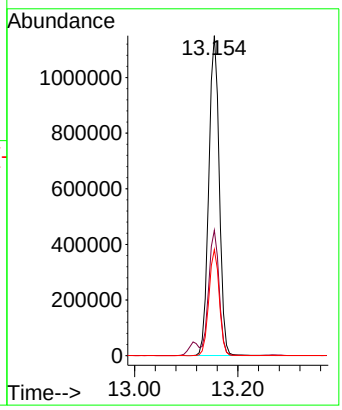





#47
2-Chloronaphthalene
Concen: 39.951 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:162 Resp: 161749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.2 | 30.9 | 46.3 |
| 164 | 33.1 | 26.4 | 39.6 |




**Instrument :**
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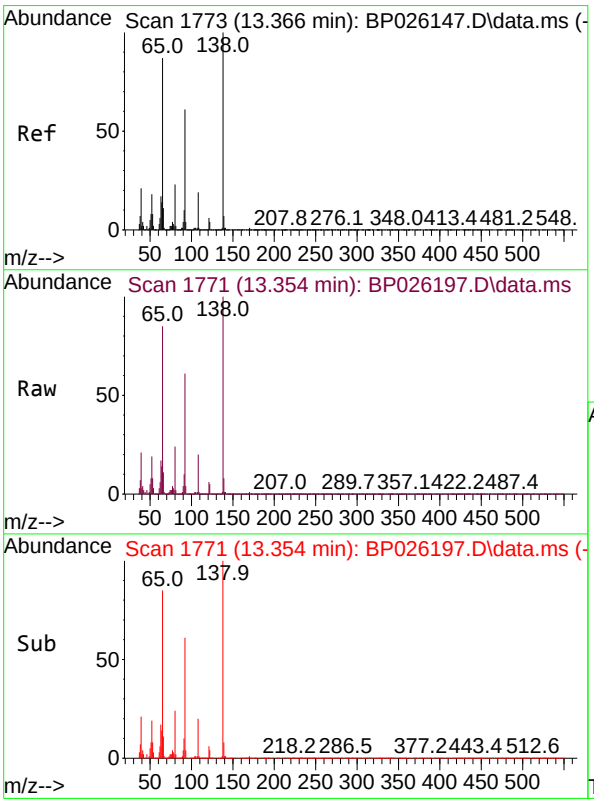
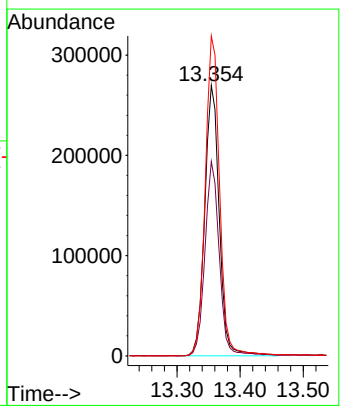
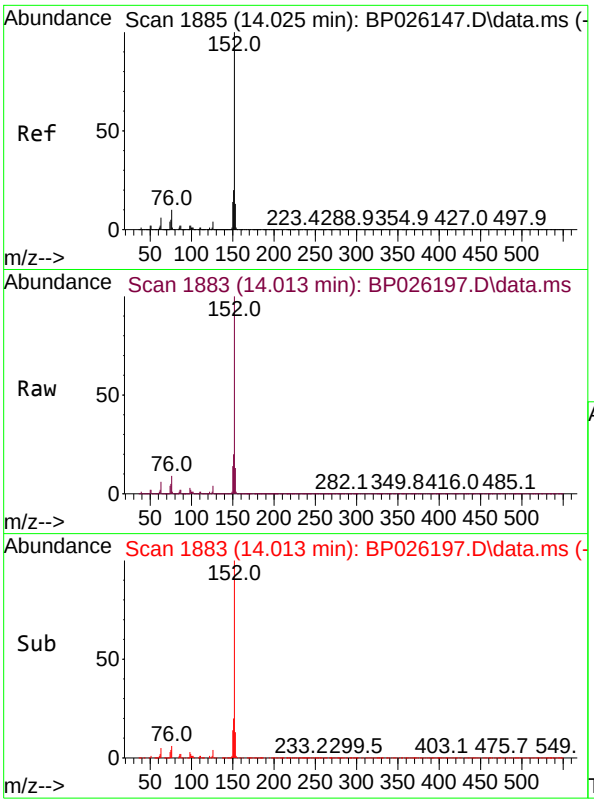



#48
2-Nitroaniline
Concen: 38.340 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 65 Resp: 431659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.9 | 59.1 | 88.7 |
| 138 | 118.3 | 96.6 | 145.0 |

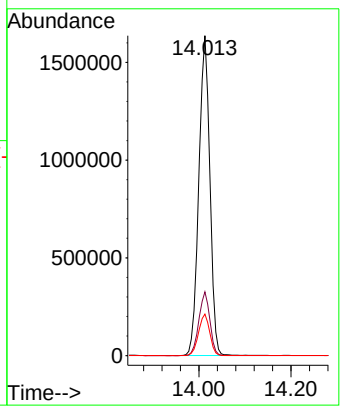





#49
Acenaphthylene
Concen: 40.630 ng
RT: 14.013 min Scan# 18
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:152 Resp: 271338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.8 | 23.8 |
| 153 | 13.0 | 10.6 | 16.0 |




**Instrument :**
BNA_P
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SSTDCCC040

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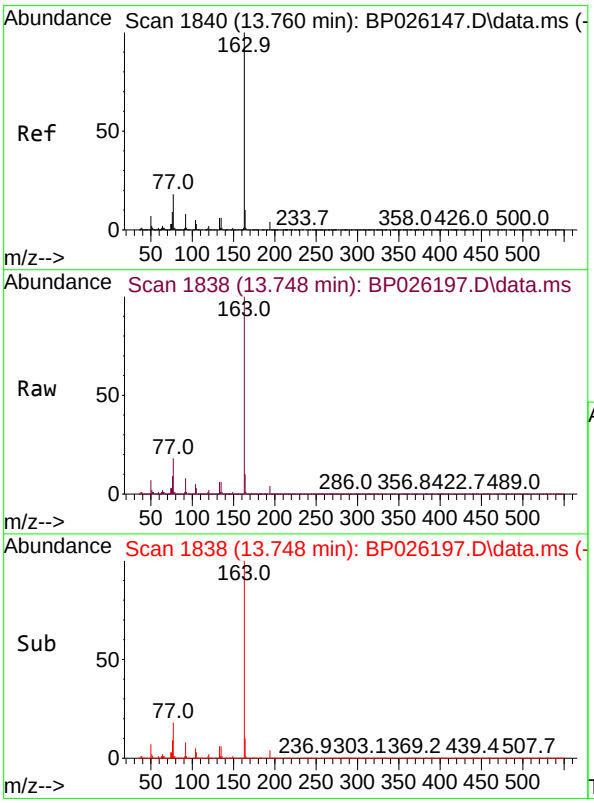
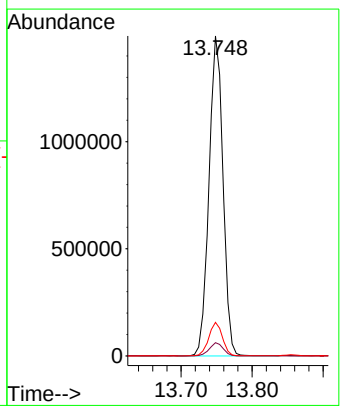
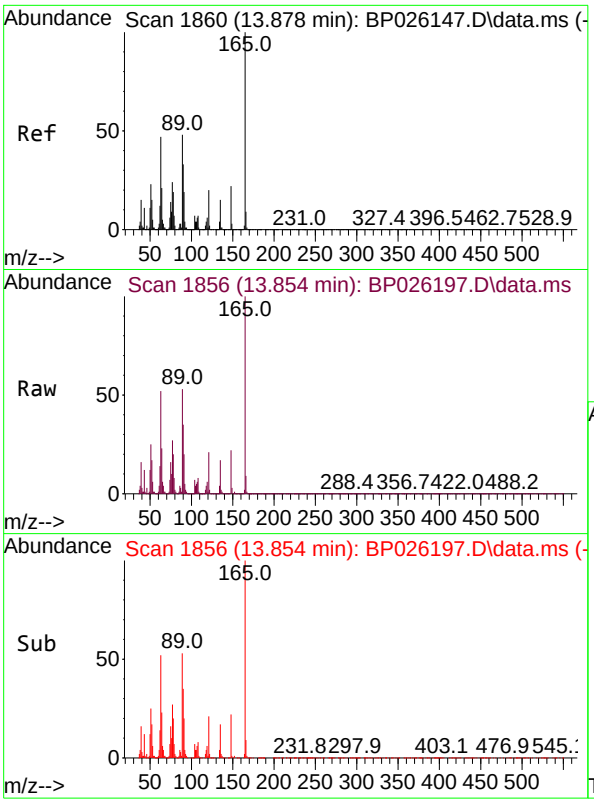



#50
Dimethylphthalate
Concen: 40.065 ng
RT: 13.748 min Scan# 1838
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:163 Resp: 2046122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.5 | 8.2 | 12.2 |

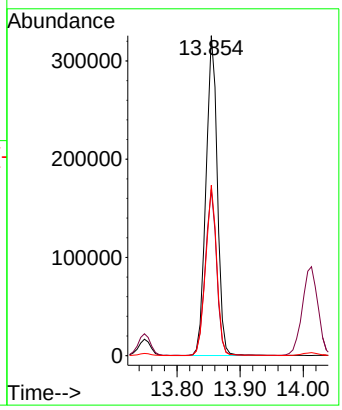





#51
2,6-Dinitrotoluene
Concen: 40.122 ng
RT: 13.854 min Scan# 18
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:165 Resp: 40600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.9 | 40.5 | 60.7 |
| 89 | 53.2 | 41.3 | 61.9 |




**Instrument :**
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SSTDCCC040

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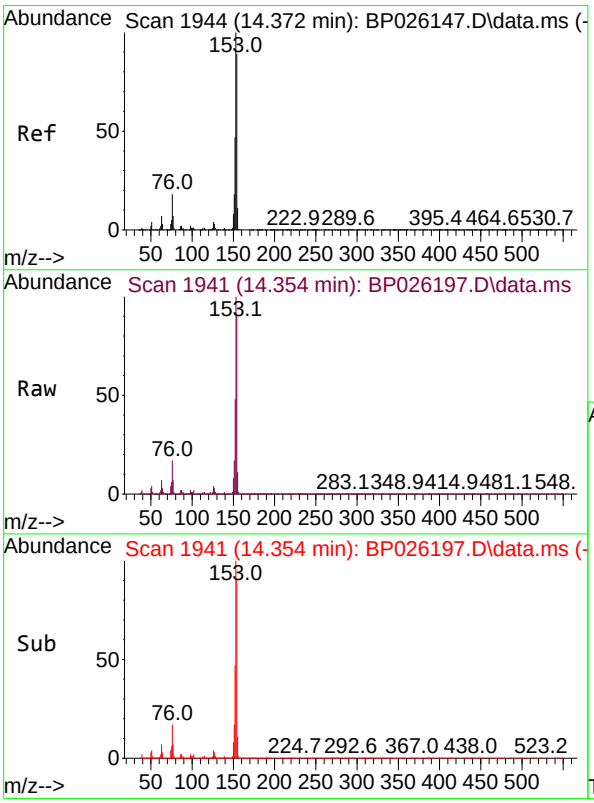
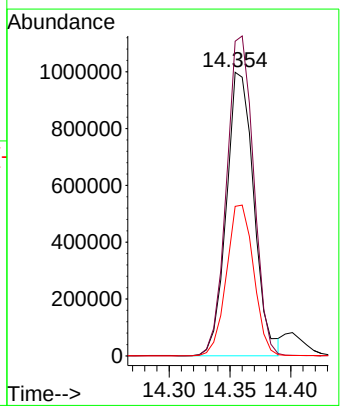
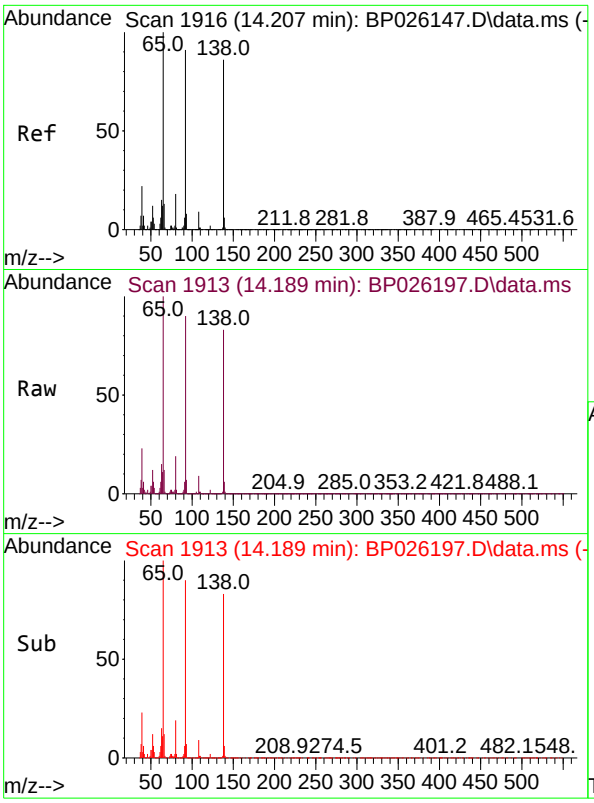



#52
Acenaphthene
Concen: 40.046 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:154 Resp: 1567254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.0 | 90.7 | 136.1 |
| 152 | 52.7 | 42.8 | 64.2 |






#53
3-Nitroaniline
Concen: 37.525 ng
RT: 14.189 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:138 Resp: 44709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 8.9 | 13.3 |
| 92 | 108.2 | 86.3 | 129.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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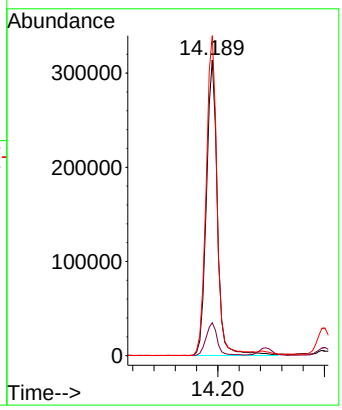
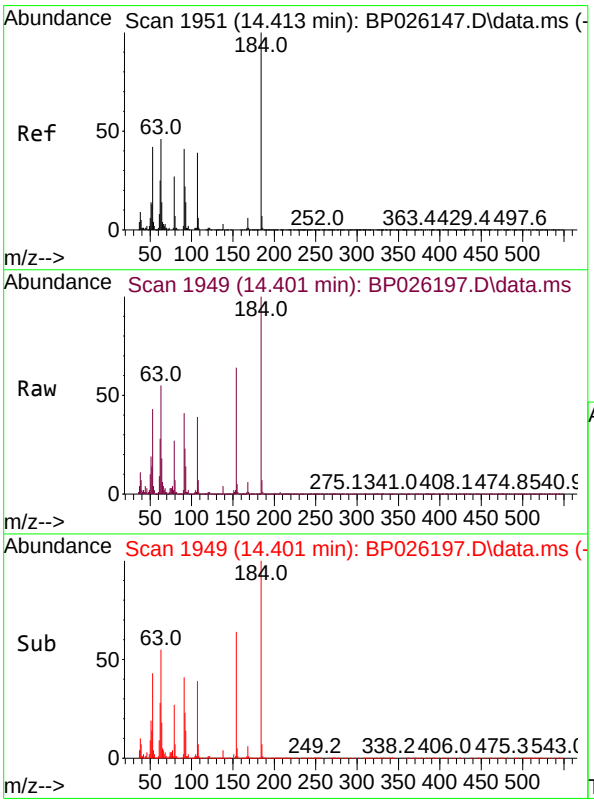
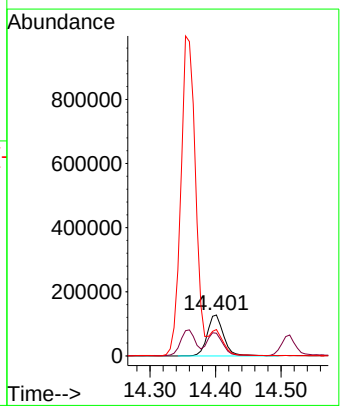


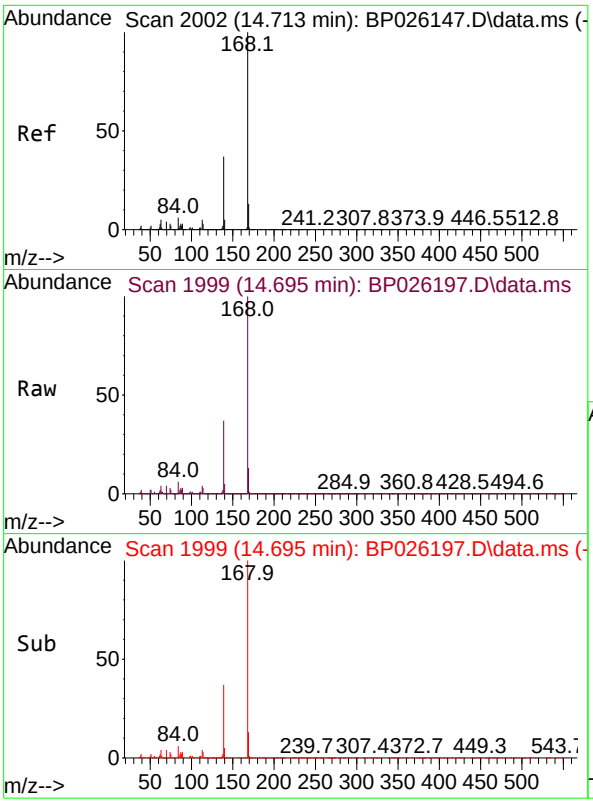




#54
2,4-Dinitrophenol
Concen: 35.829 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:184 Resp: 218862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.5 | 43.1 | 64.7 |
| 154 | 64.4 | 49.5 | 74.3 |

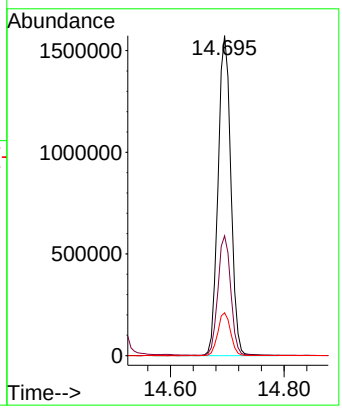





#55
Dibenzofuran
Concen: 40.337 ng
RT: 14.695 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:168 Resp: 244510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |




**Instrument :**
BNA_P
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SSTDCCC040

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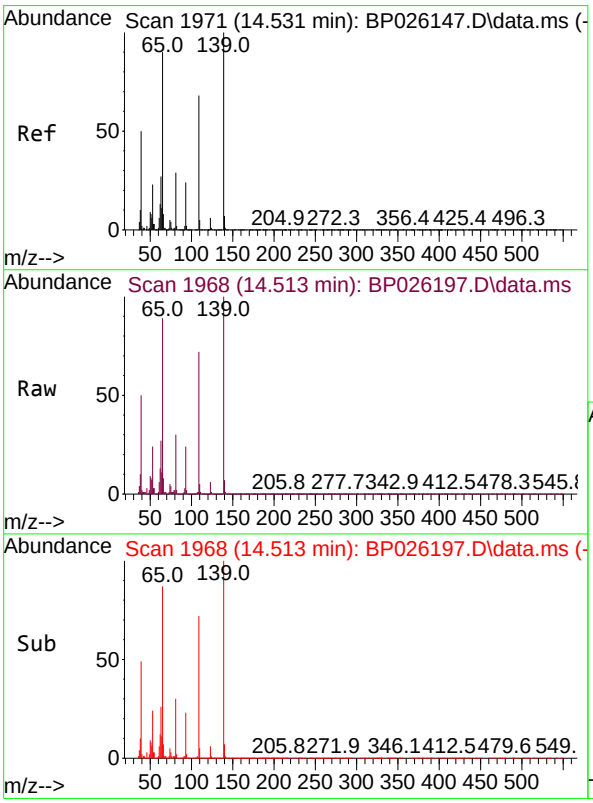
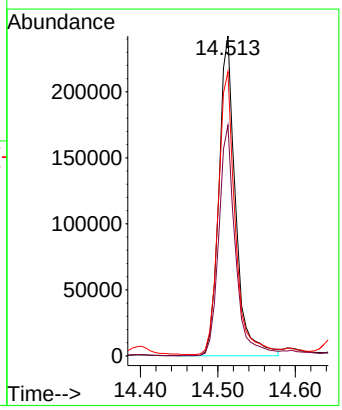
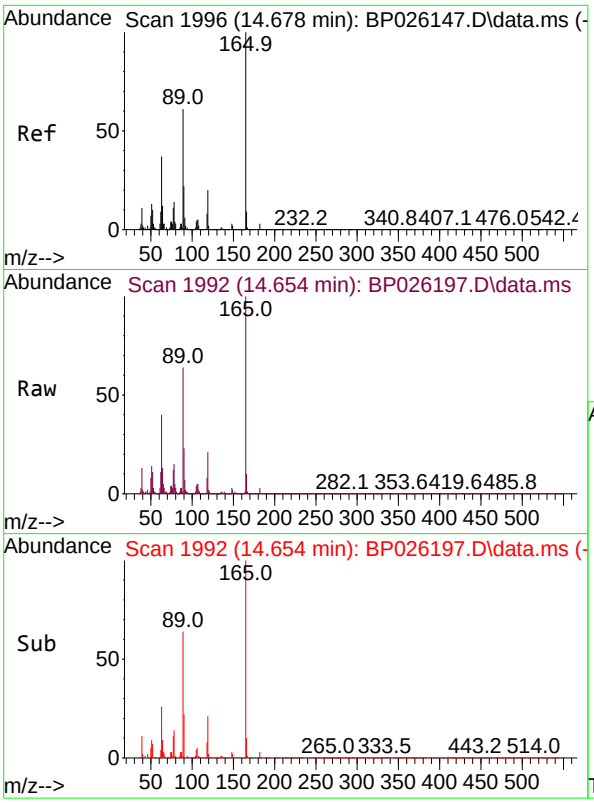



#56
4-Nitrophenol
Concen: 33.659 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:139 Resp: 362794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.1 | 46.8 | 86.8 |
| 65 | 88.8 | 69.3 | 109.3 |

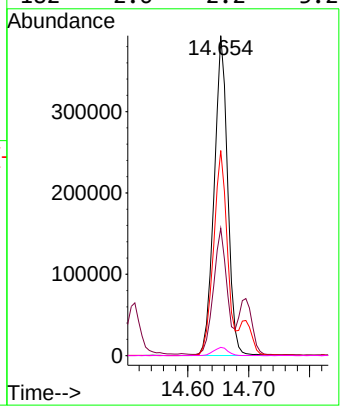





#57
2,4-Dinitrotoluene
Concen: 40.215 ng
RT: 14.654 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:165 Resp: 60762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.8 | 31.0 | 46.6 |
| 89 | 64.1 | 51.7 | 77.5 |
| 182 | 2.6 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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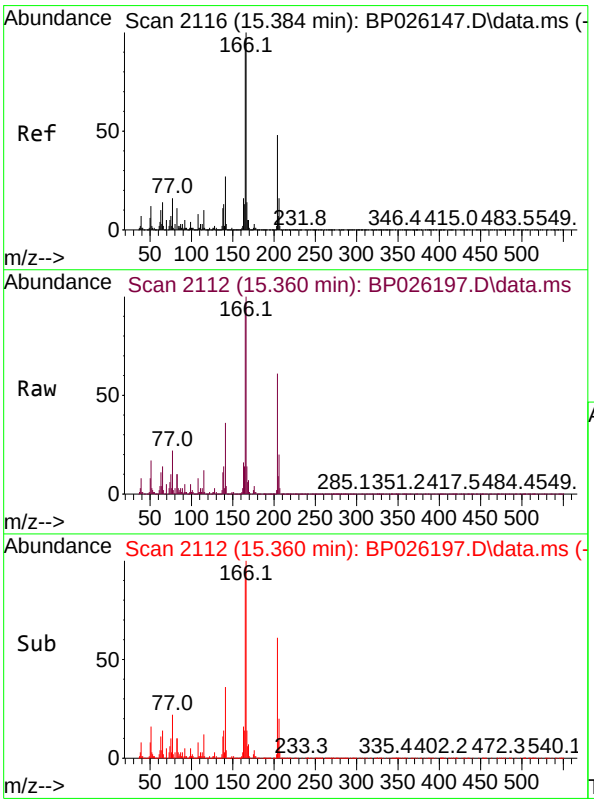
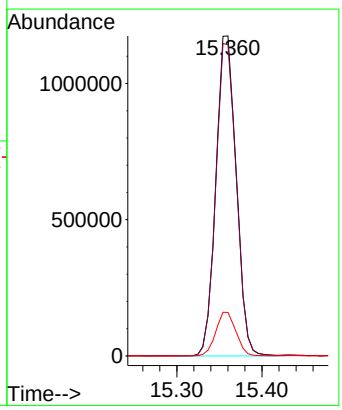
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

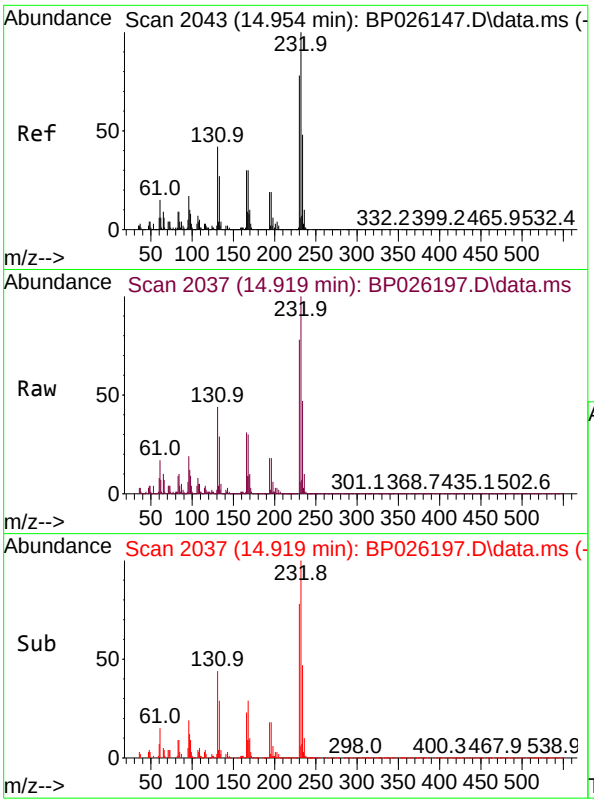



#58
Fluorene
Concen: 40.781 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:166 Resp: 1953883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.2 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |

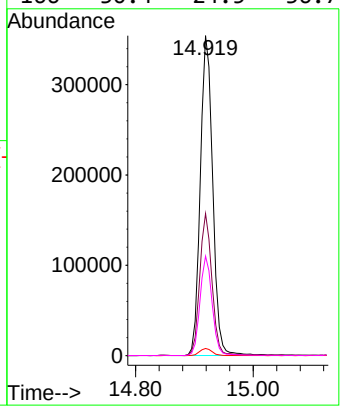





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.817 ng
RT: 14.919 min Scan# 20
Delta R.T. -0.041 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:232 Resp: 521019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.6 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.4 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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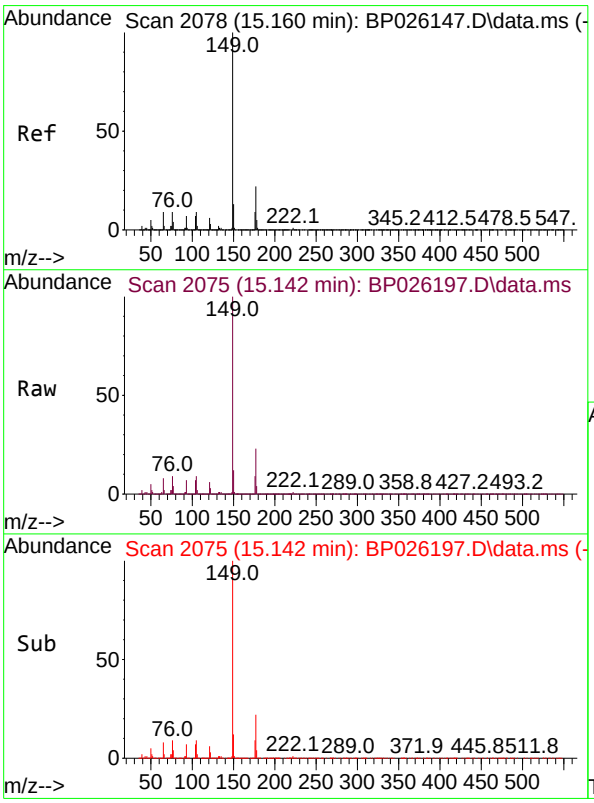
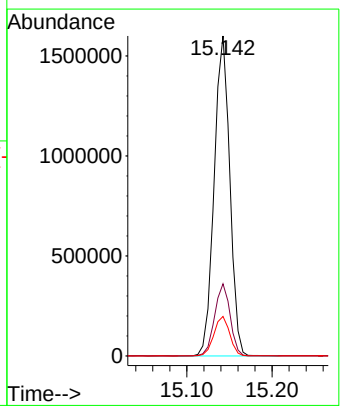
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

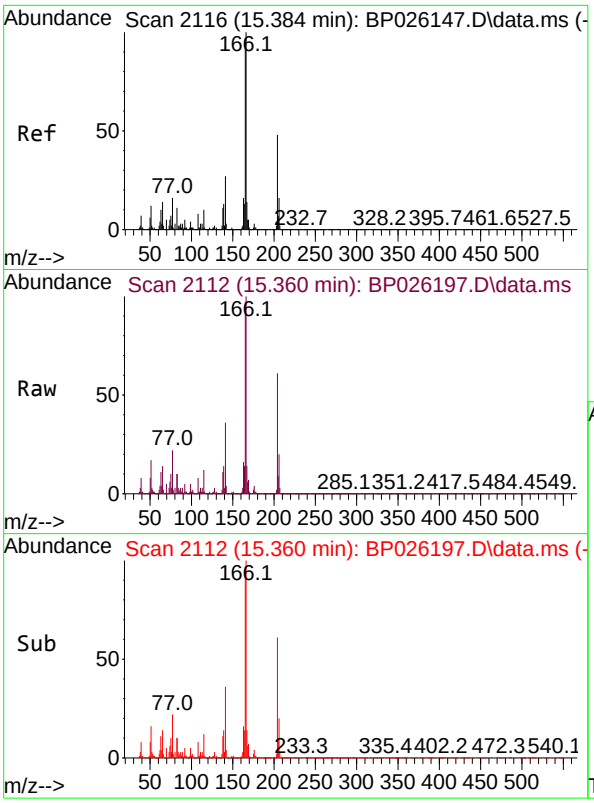



#60
Diethylphthalate
Concen: 39.567 ng
RT: 15.142 min Scan# 2075
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:149 Resp: 2035537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.5 | 17.9 | 26.9 |
| 150 | 12.3 | 9.9 | 14.9 |

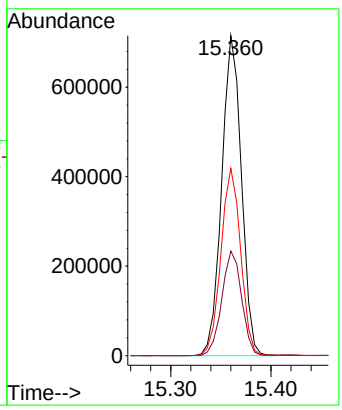





#61
4-Chlorophenyl-phenylether
Concen: 41.010 ng
RT: 15.360 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:204 Resp: 97763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 26.2 | 39.2 |
| 141 | 58.5 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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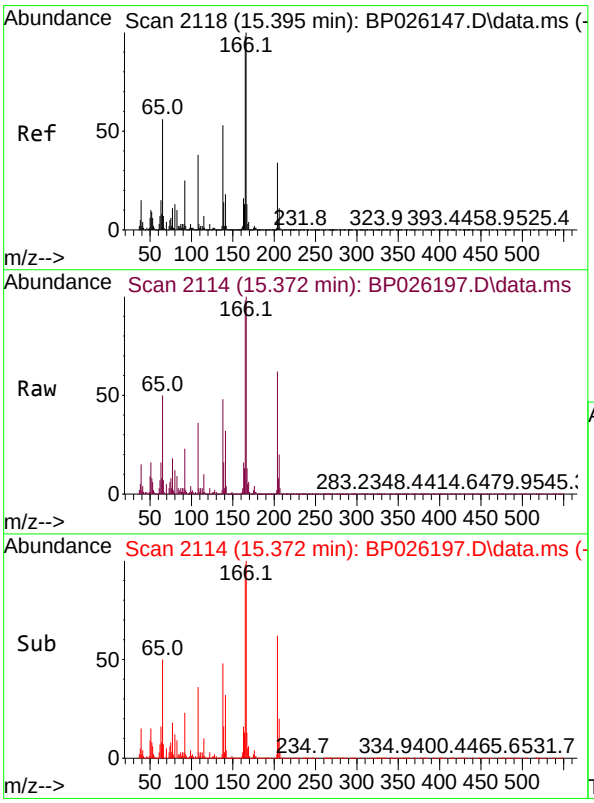
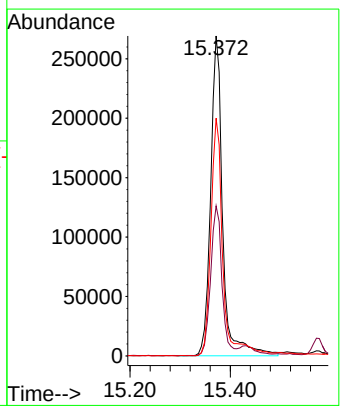
Supervised By :mohammad ahmed 12/03/2025

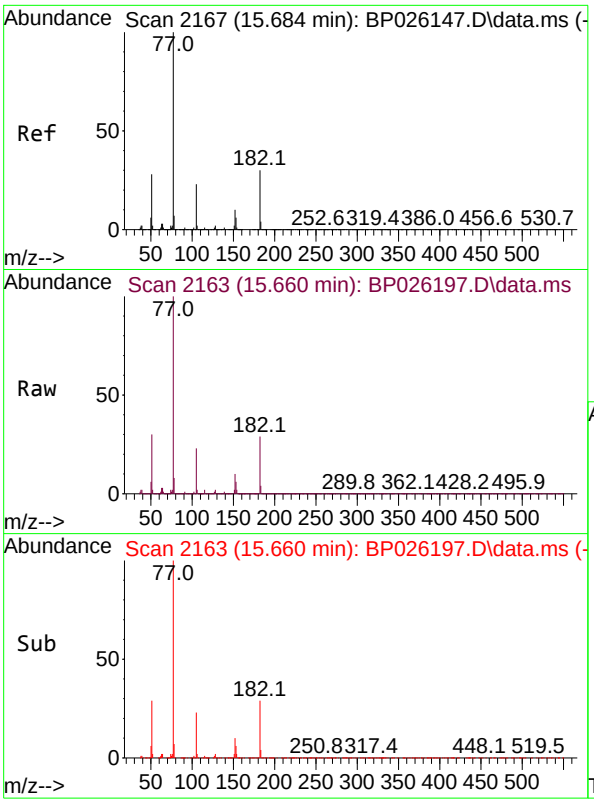



#62
4-Nitroaniline
Concen: 36.247 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:138 Resp: 448462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.9 | 27.5 | 67.5 |
| 108 | 74.3 | 51.1 | 91.1 |

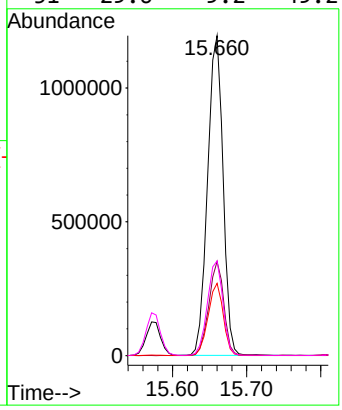





#63
Azobenzene
Concen: 40.005 ng
RT: 15.660 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 77 Resp: 173535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.4 | 8.8 | 48.8 |
| 105 | 22.6 | 2.6 | 42.6 |
| 51 | 29.6 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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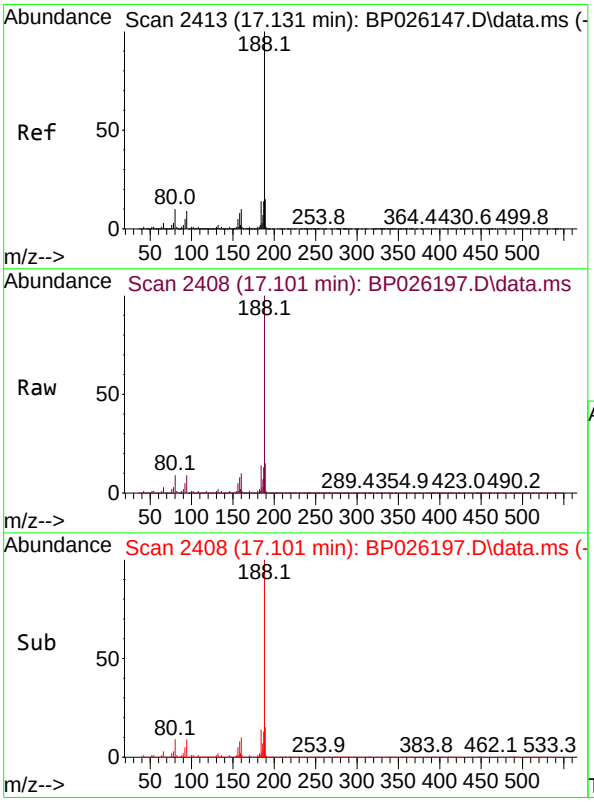
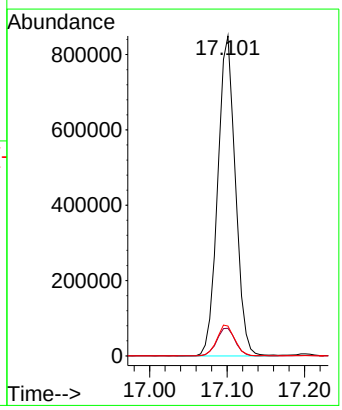
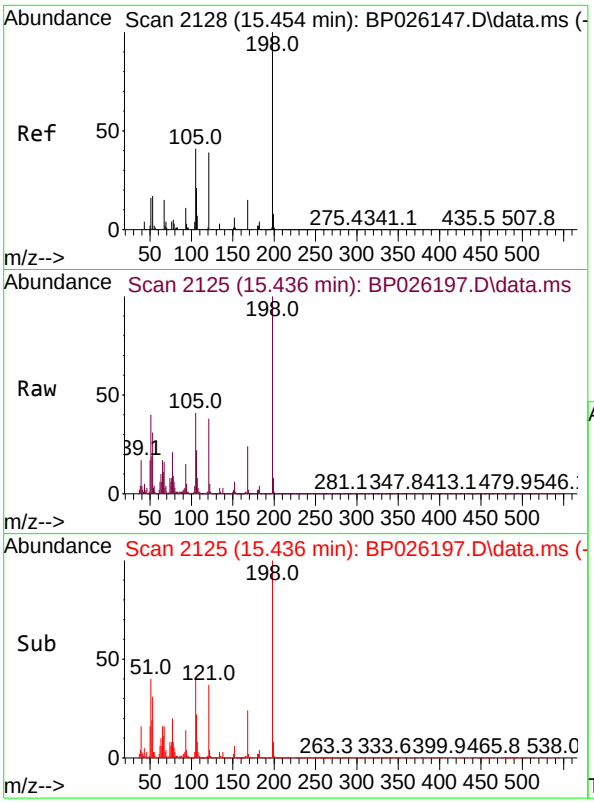



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:188 Resp: 1350551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 7.8 | 11.6 |
| 80 | 9.3 | 8.2 | 12.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 37.868 ng
RT: 15.436 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:198 Resp: 324899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.2 | 18.4 | 58.4 |
| 105 | 40.5 | 18.5 | 58.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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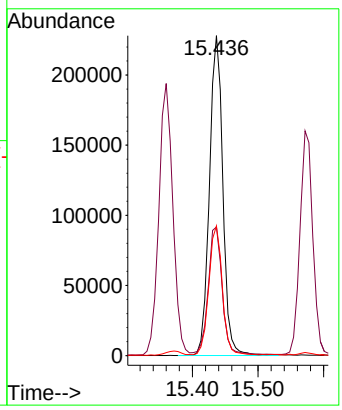
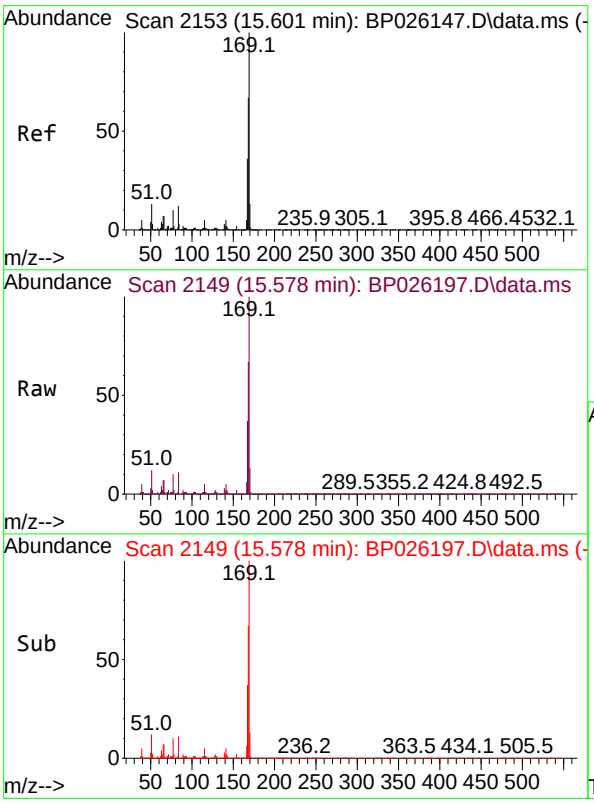
Supervised By :mohammad ahmed 12/03/2025

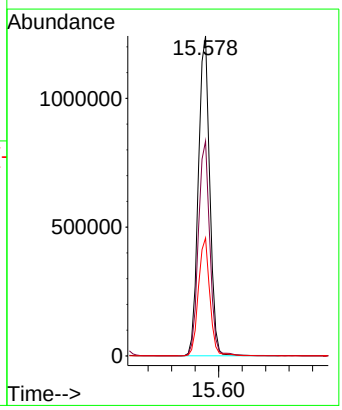


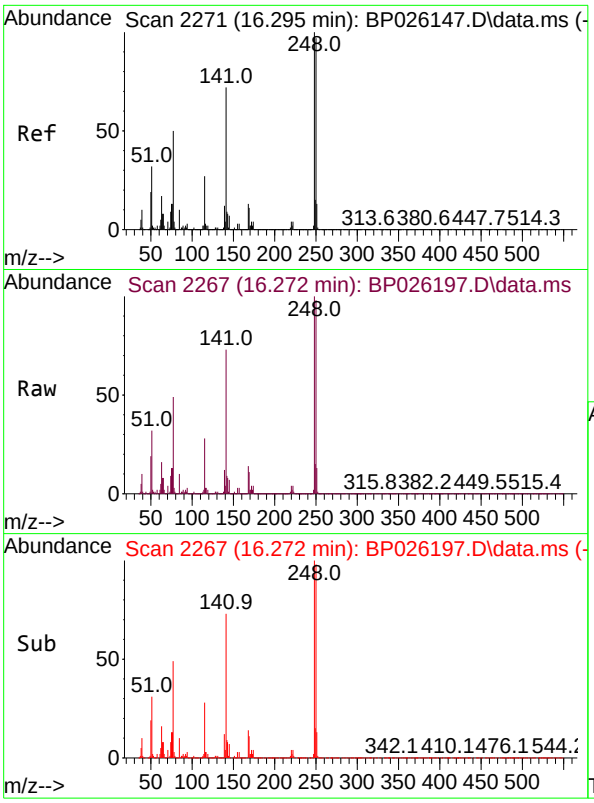




#66
n-Nitrosodiphenylamine
Concen: 39.978 ng
RT: 15.578 min Scan# 2149
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:169 Resp: 1670222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.1 | 53.1 | 79.7 |
| 167 | 36.8 | 28.9 | 43.3 |






#67
4-Bromophenyl-phenylether
Concen: 41.378 ng
RT: 16.272 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 61888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 77.8 | 116.6 |
| 141 | 73.0 | 55.4 | 83.0 |

**Manual Integrations**
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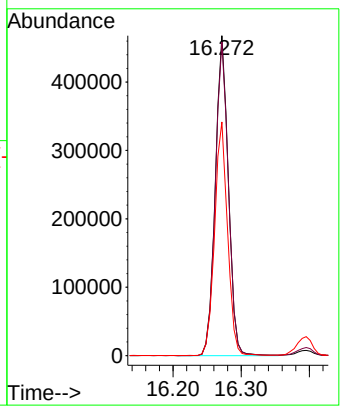
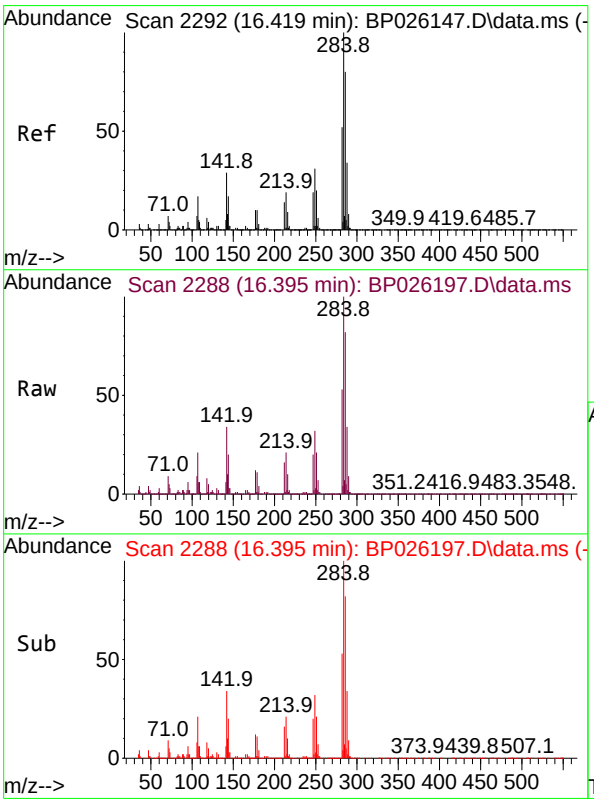
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

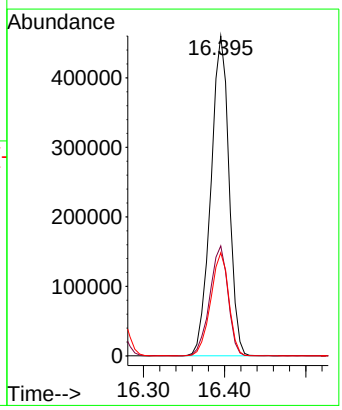


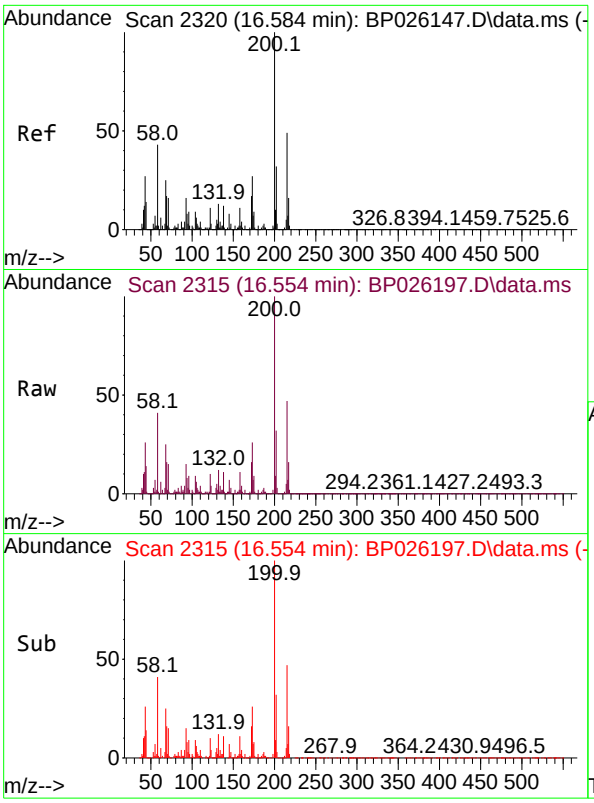




#68
Hexachlorobenzene
Concen: 41.347 ng
RT: 16.395 min Scan# 2288
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:284 Resp: 717606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.4 | 28.0 | 42.0 |
| 249 | 32.2 | 25.0 | 37.4 |

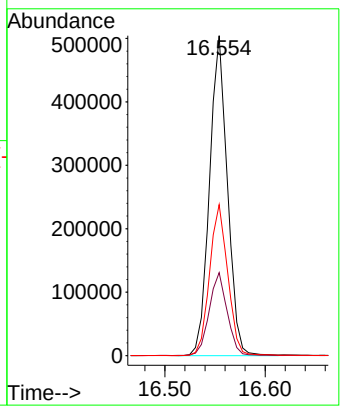





#69
Atrazine
Concen: 39.679 ng
RT: 16.554 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:200 Resp: 62510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.9 | 6.7 | 46.7 |
| 215 | 47.2 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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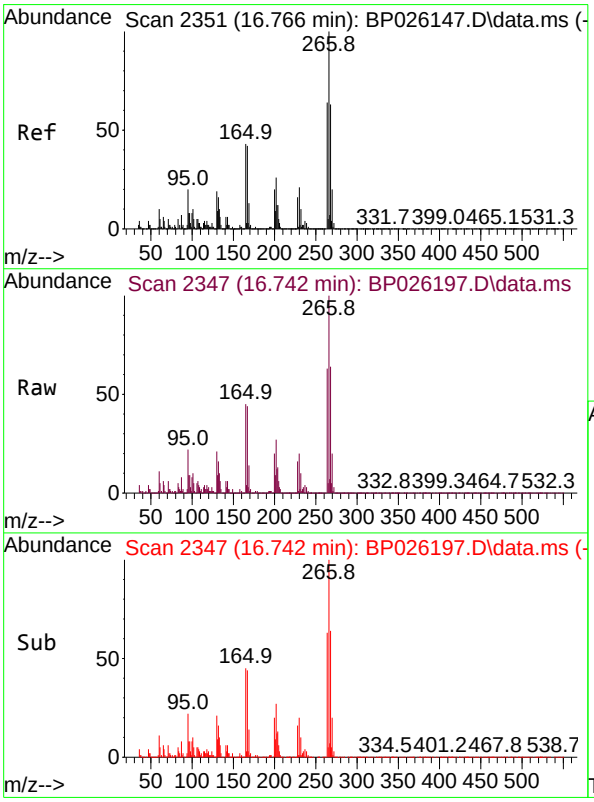
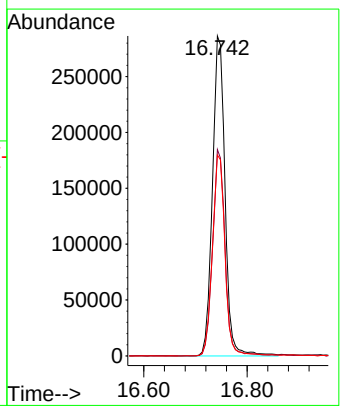
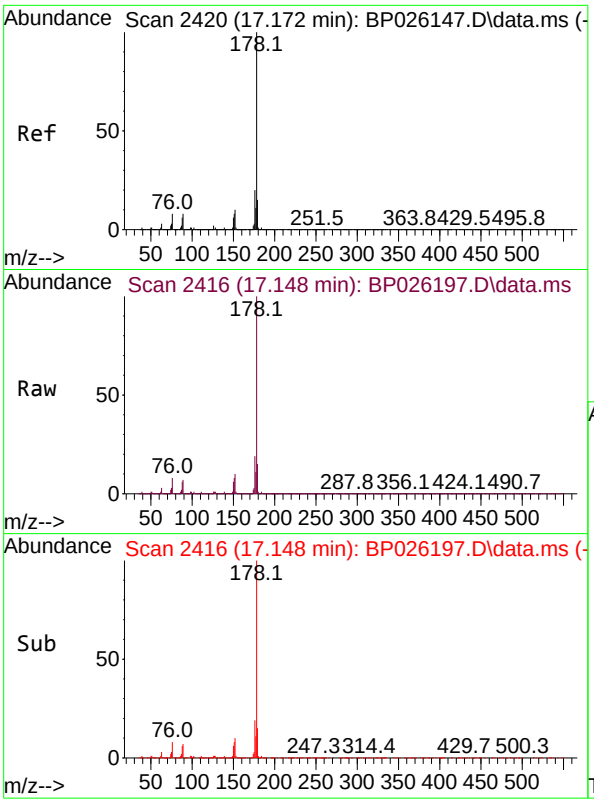



#70
Pentachlorophenol
Concen: 39.836 ng
RT: 16.742 min Scan# 2347
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:266 Resp: 483633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.5 | 51.0 | 76.4 |
| 264 | 62.8 | 50.2 | 75.2 |

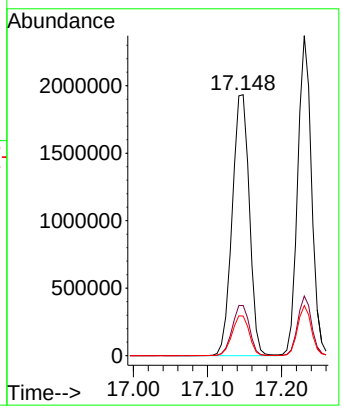





#71
Phenanthrene
Concen: 40.786 ng
RT: 17.148 min Scan# 24
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:178 Resp: 310294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.2 |
| 179 | 15.2 | 12.4 | 18.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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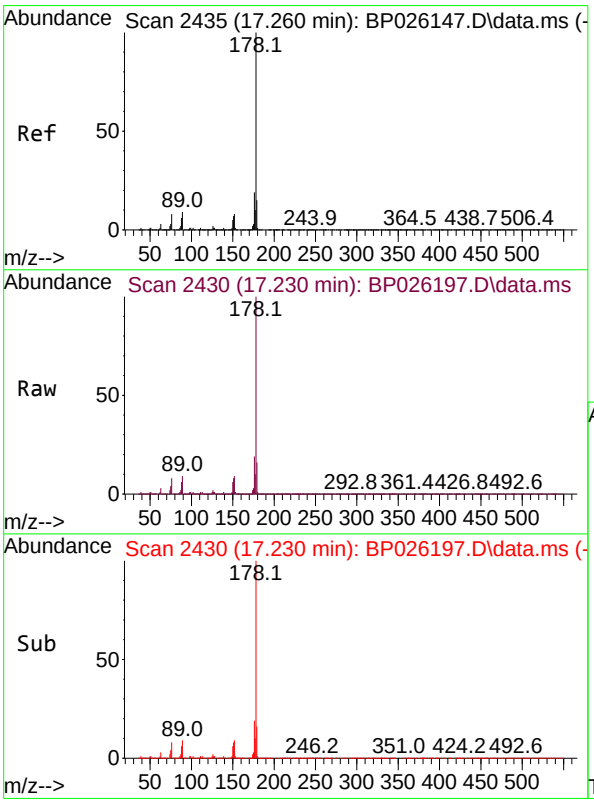
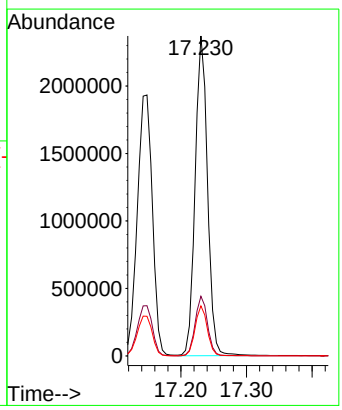
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

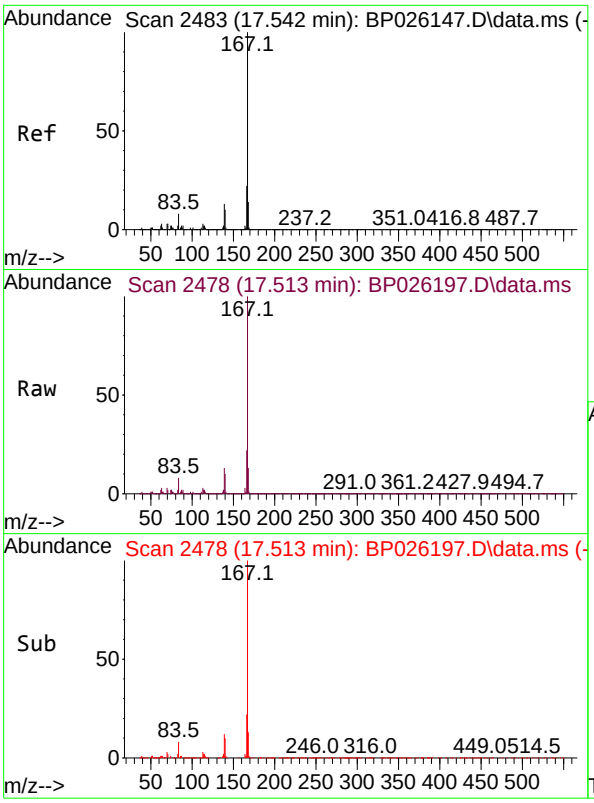



#72
Anthracene
Concen: 39.871 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:178 Resp: 3093926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |

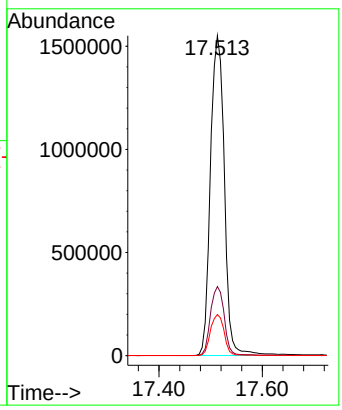





#73
Carbazole
Concen: 39.365 ng
RT: 17.513 min Scan# 24
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:167 Resp: 290126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.1 | 25.7 |
| 139 | 12.8 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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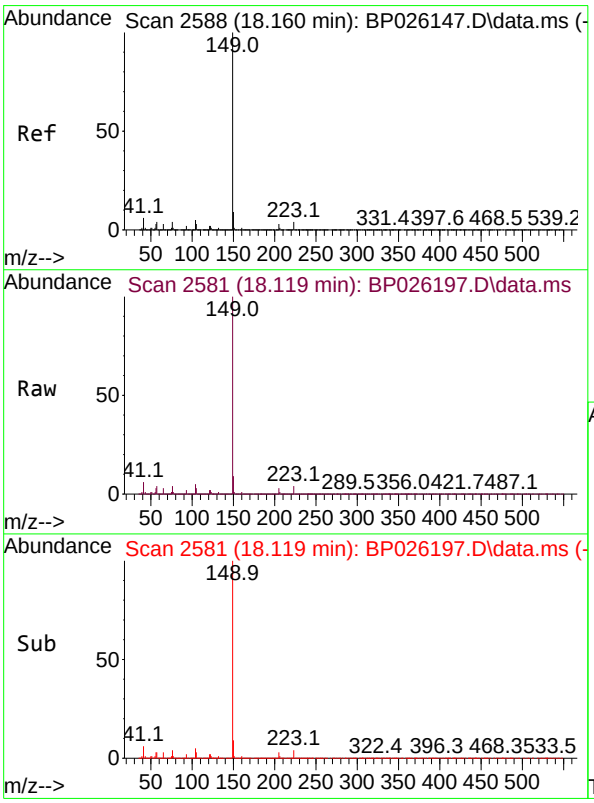
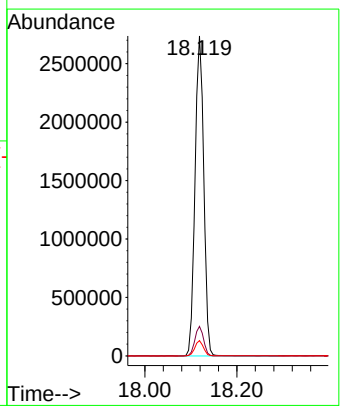
Supervised By :mohammad ahmed 12/03/2025

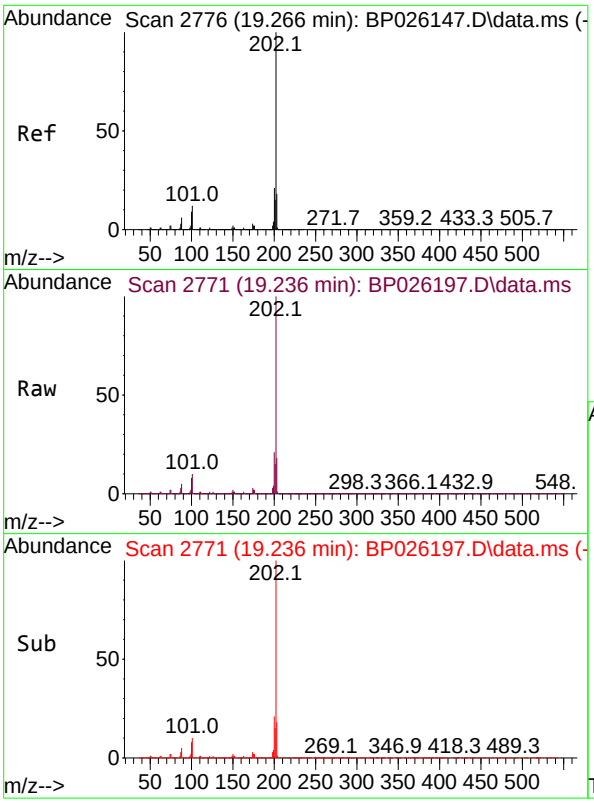



#74
Di-n-butylphthalate
Concen: 40.966 ng
RT: 18.119 min Scan# 2581
Delta R.T. -0.041 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:149 Resp: 3579365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.5 | 11.3 |
| 104 | 4.8 | 3.6 | 5.4 |

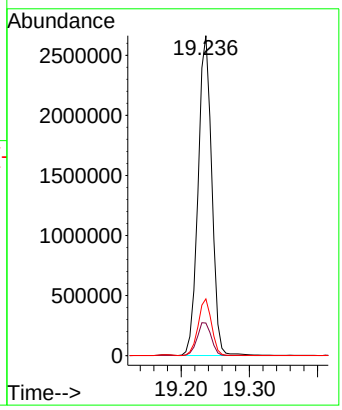





#75
Fluoranthene
Concen: 40.112 ng
RT: 19.236 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:202 Resp: 3707799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.2 | 0.0 | 31.2 |
| 203 | 17.7 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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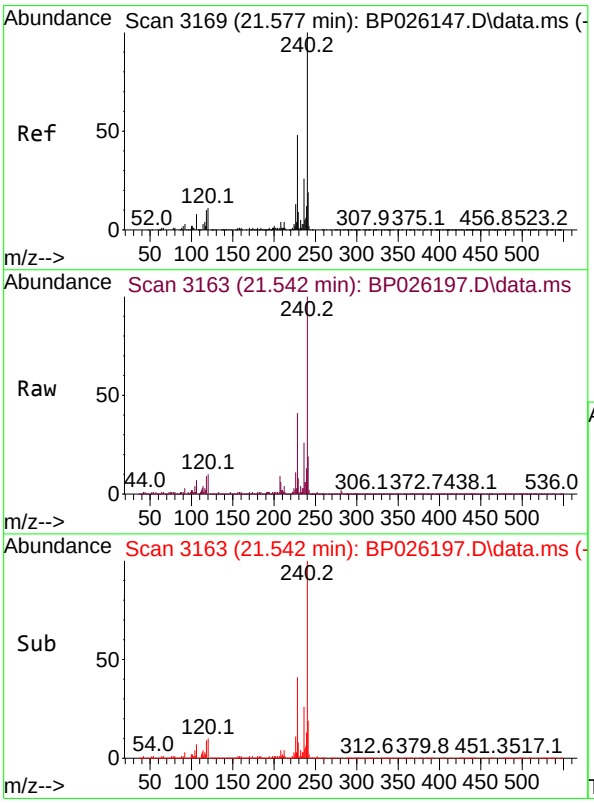
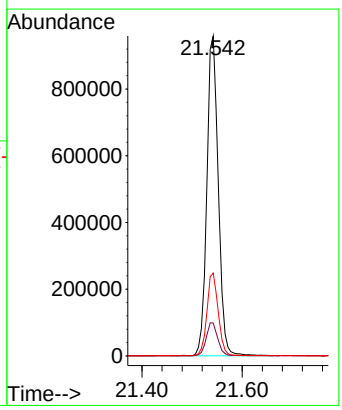
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

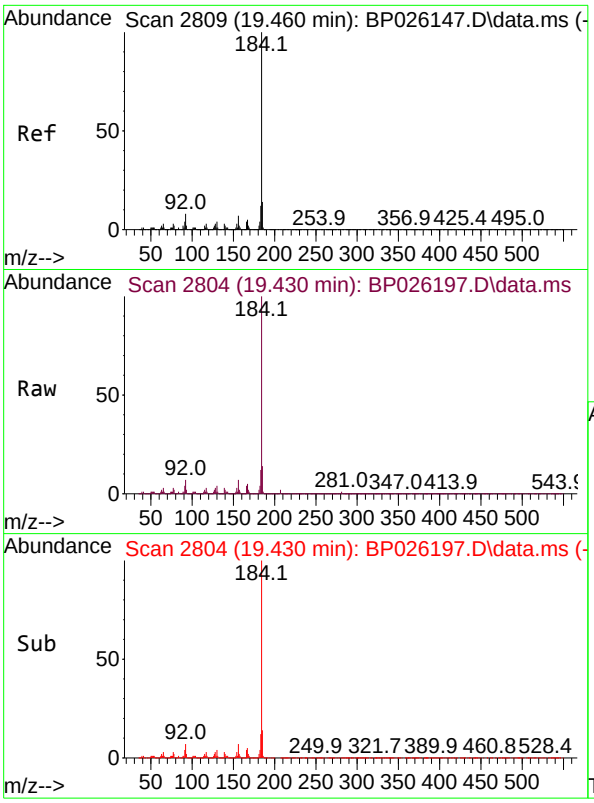



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:240 Resp: 1519755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 9.0 | 13.4 |
| 236 | 25.9 | 20.4 | 30.6 |

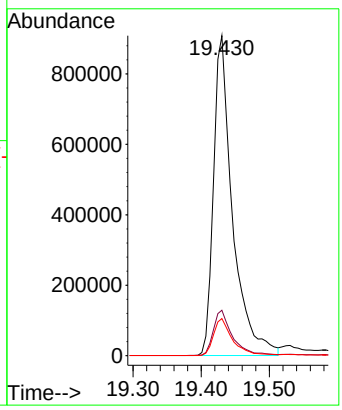





#77
Benzidine
Concen: 36.460 ng
RT: 19.430 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:184 Resp: 175850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.3 | 16.9 |
| 183 | 11.6 | 9.0 | 13.6 |




**Instrument :**
BNA_P
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SSTDCCC040

**Manual Integrations**
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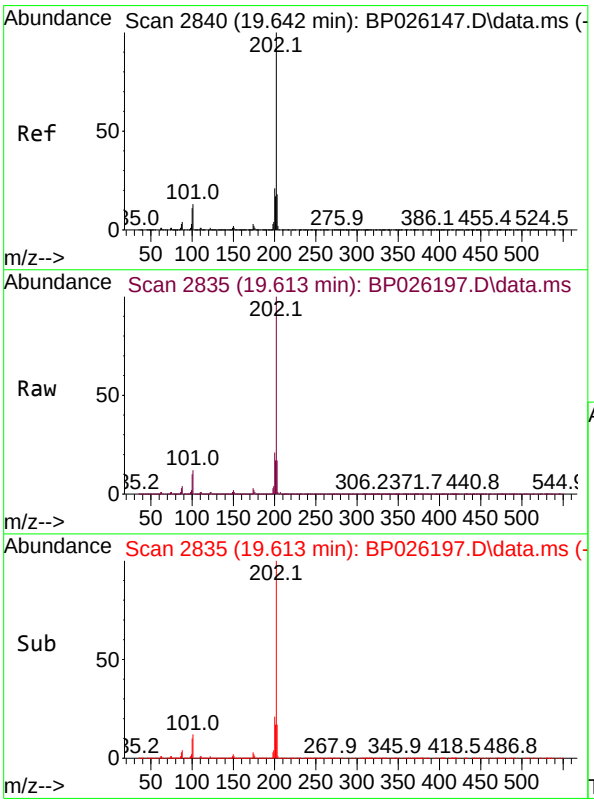
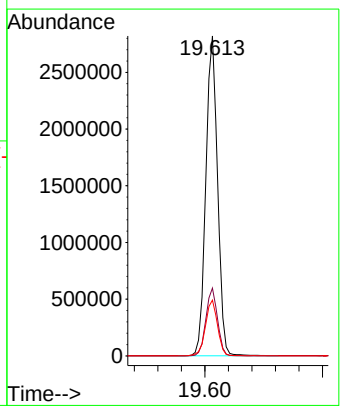
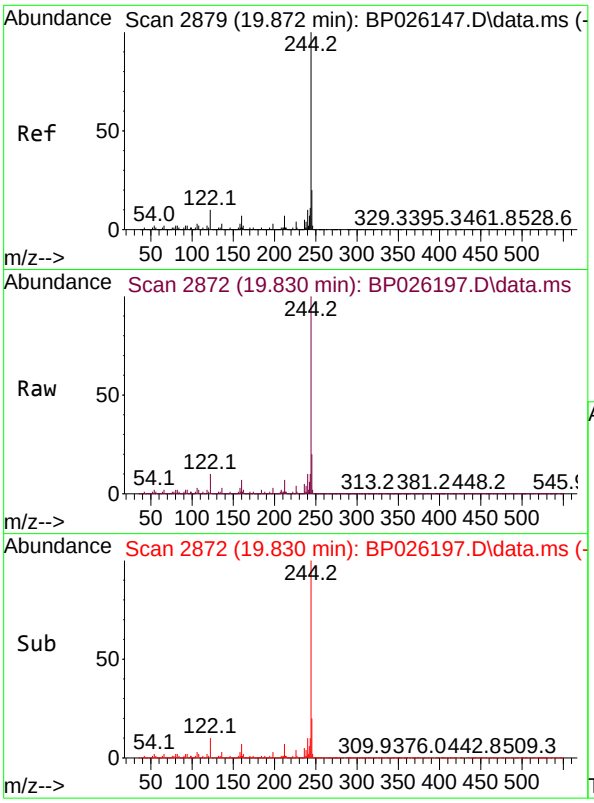



#78
Pyrene
Concen: 39.292 ng
RT: 19.613 min Scan# 2835
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:202 Resp: 3915294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.9 | 25.3 |
| 203 | 17.4 | 13.8 | 20.8 |

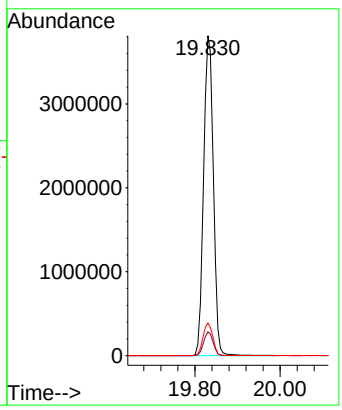





#79
Terphenyl-d14
Concen: 81.101 ng
RT: 19.830 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:244 Resp: 604467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.8 |
| 122 | 10.2 | 8.2 | 12.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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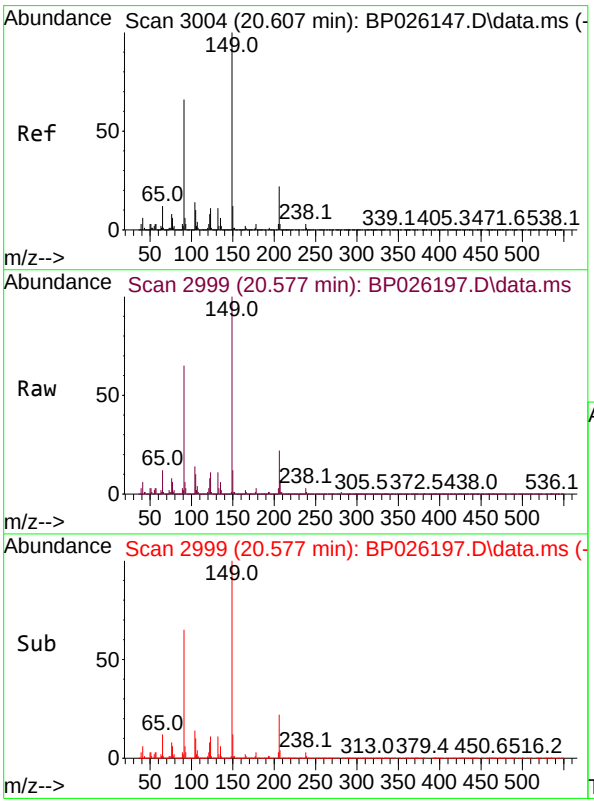
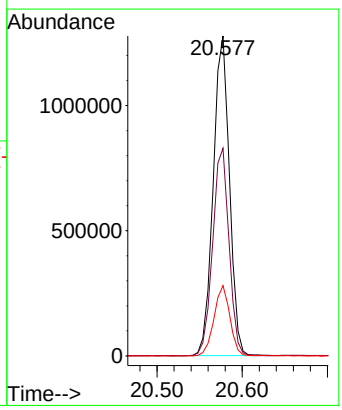
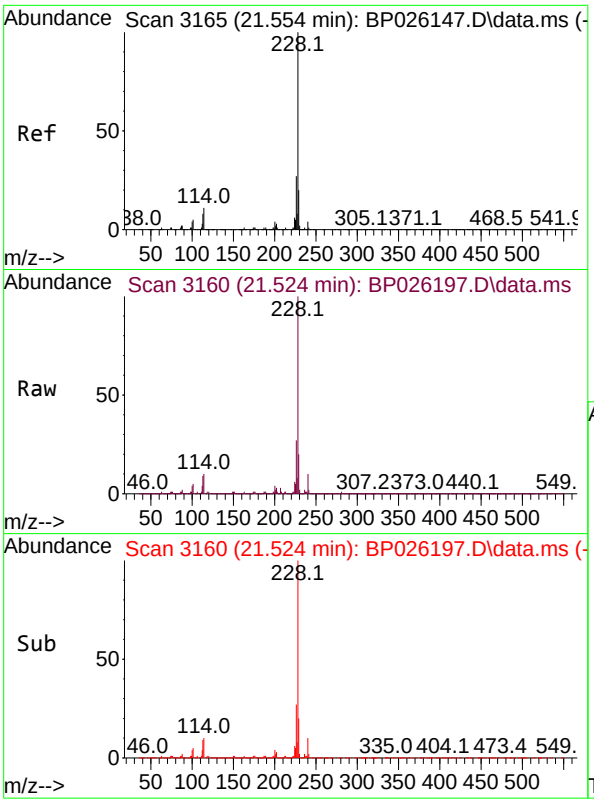



#80
Butylbenzylphthalate
Concen: 38.562 ng
RT: 20.577 min Scan# 2999
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:149 Resp: 1692248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.9 | 52.6 | 79.0 |
| 206 | 22.0 | 16.9 | 25.3 |

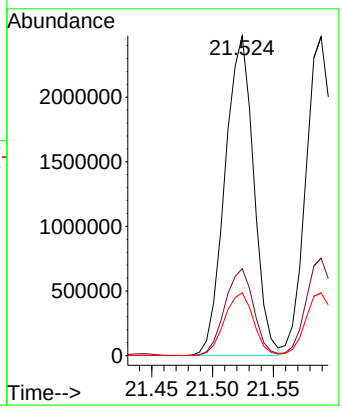





#81
Benzo(a)anthracene
Concen: 38.955 ng
RT: 21.524 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:228 Resp: 406592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.8 | 32.8 |
| 229 | 19.6 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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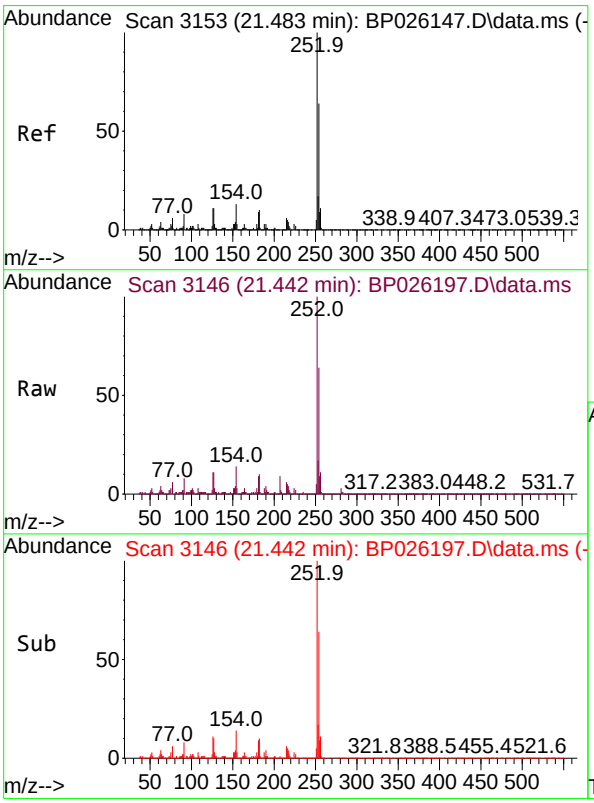
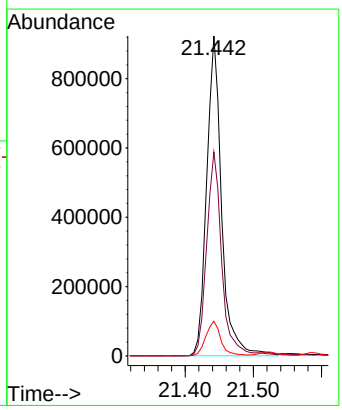
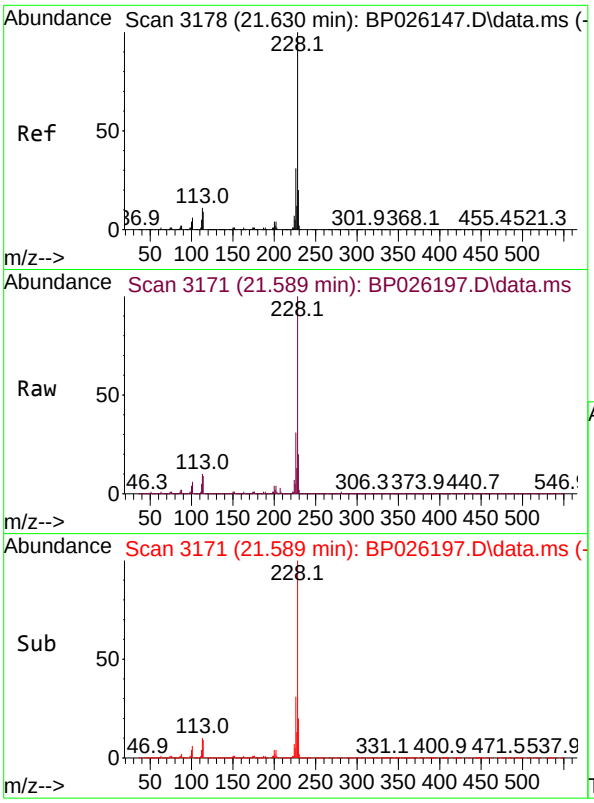



#82
3,3'-Dichlorobenzidine
Concen: 37.038 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.047 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:252 Resp: 1405839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.7 | 51.2 | 76.8 |
| 126 | 10.8 | 8.2 | 12.4 |

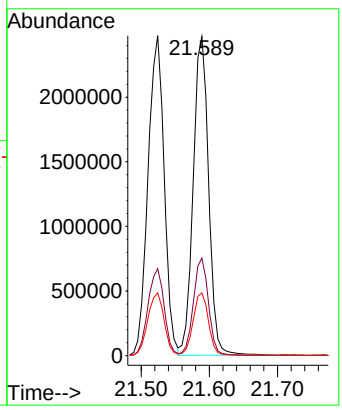





#83
Chrysene
Concen: 39.444 ng
RT: 21.589 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:228 Resp: 387997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 23.9 | 35.9 |
| 229 | 19.6 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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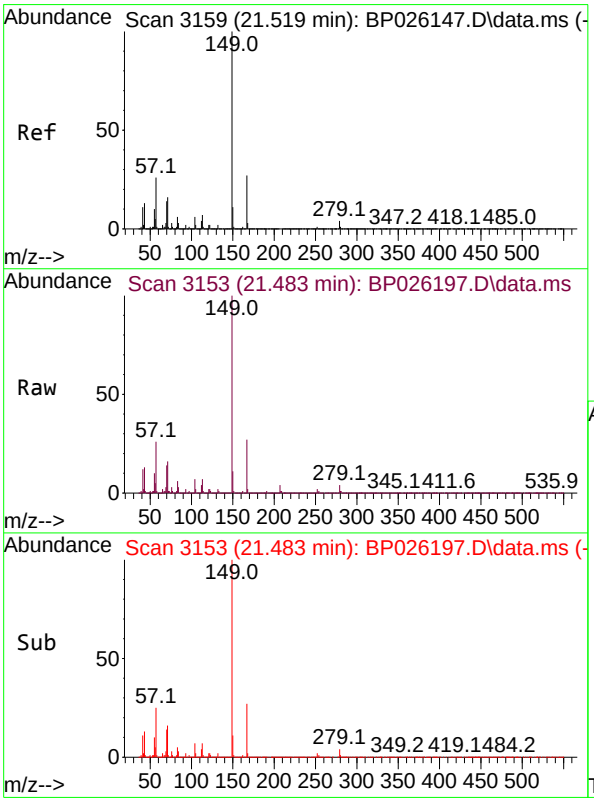
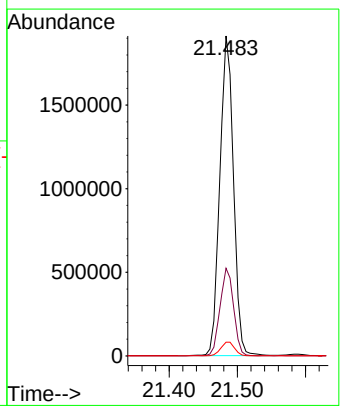
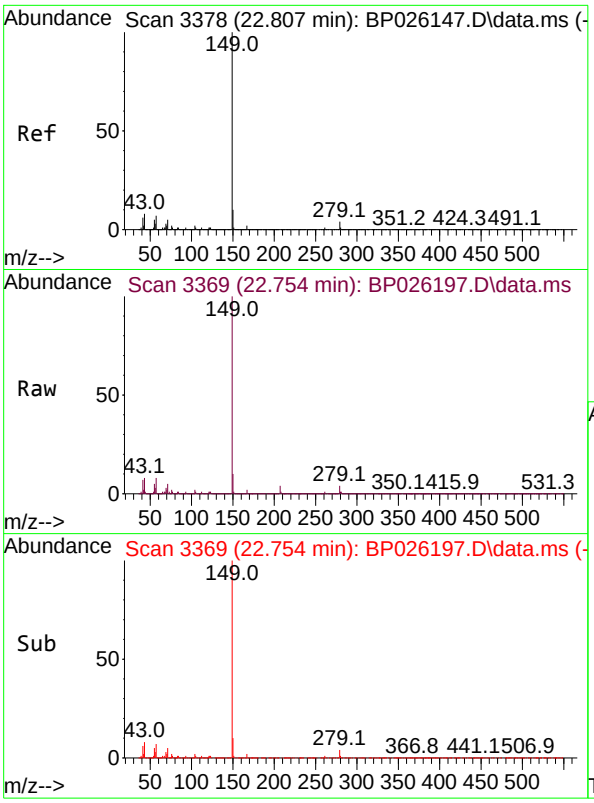



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.815 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:149 Resp: 2644895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 22.1 | 33.1 |
| 279 | 4.3 | 3.3 | 4.9 |

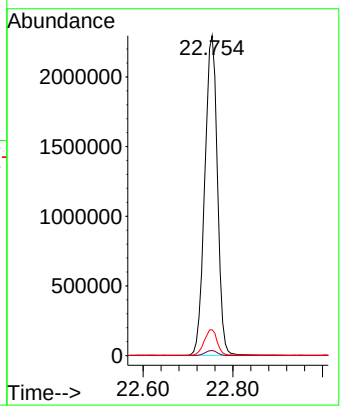





#85
Di-n-octyl phthalate
Concen: 38.545 ng
RT: 22.754 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:149 Resp: 447726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 8.1 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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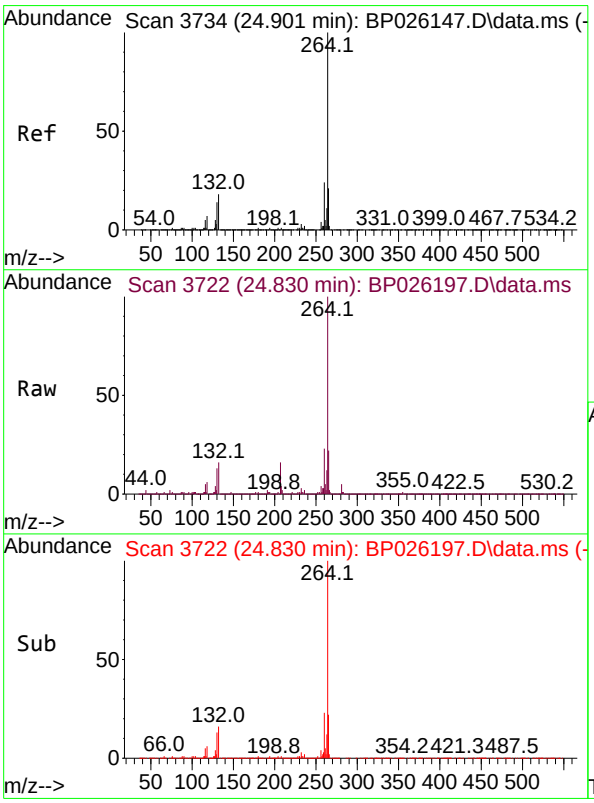
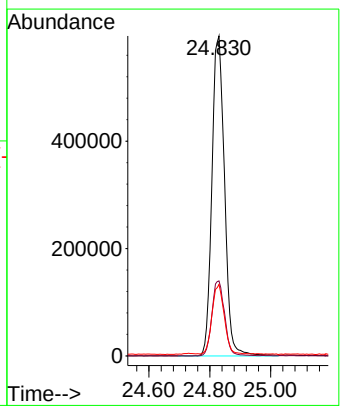
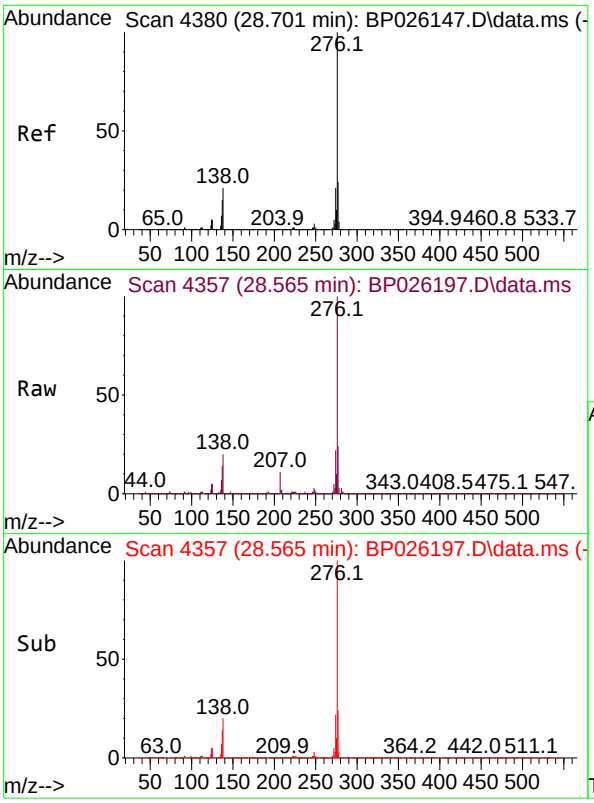



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:264 Resp: 1717381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.7 | 28.1 |
| 265 | 22.4 | 17.5 | 26.3 |

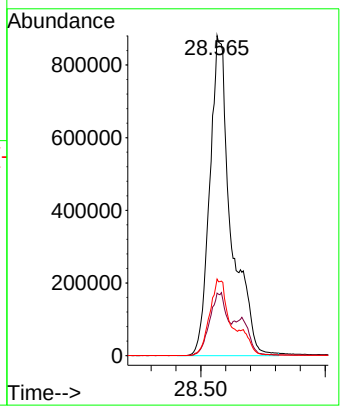





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.690 ng m
RT: 28.565 min Scan# 4
Delta R.T. -0.141 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:276 Resp: 524078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.2 | 13.8 | 20.8 |
| 277 | 21.0 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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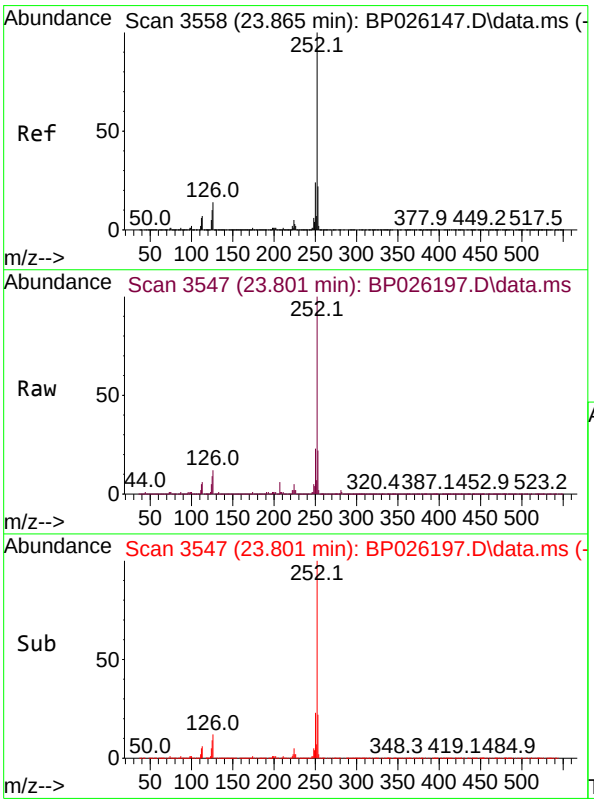
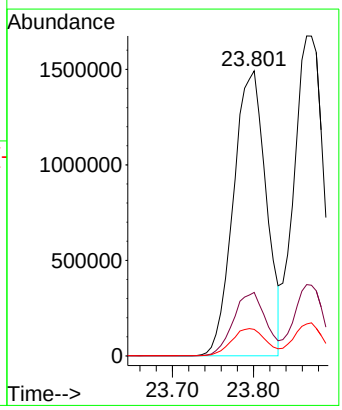
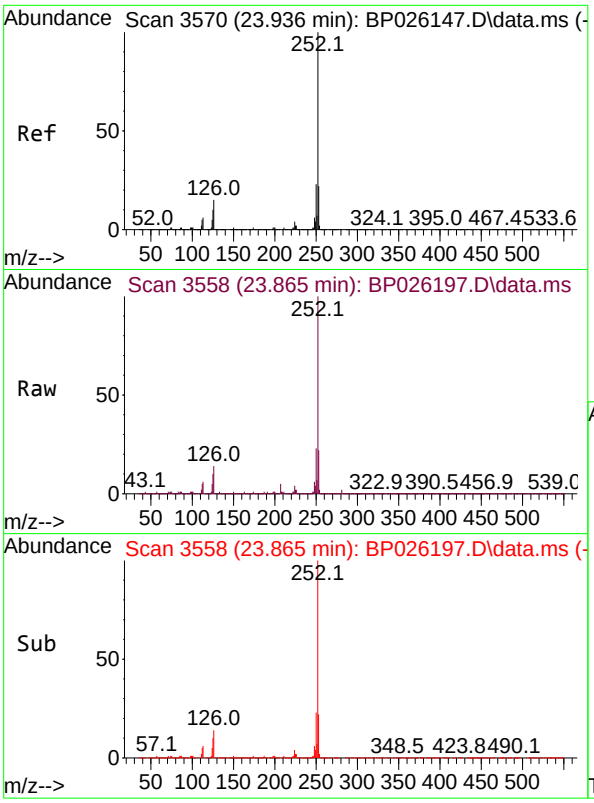



#88
Benzo(b)fluoranthene
Concen: 39.912 ng
RT: 23.801 min Scan# 3547
Delta R.T. -0.065 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:252 Resp: 4174278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.6 | 26.4 |
| 125 | 9.3 | 8.2 | 12.4 |

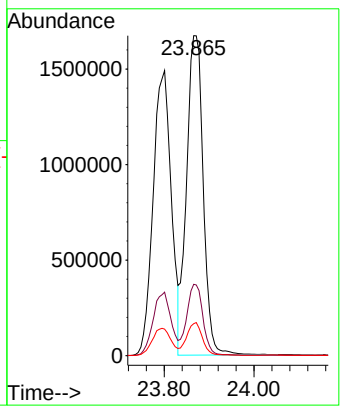





#89
Benzo(k)fluoranthene
Concen: 41.434 ng
RT: 23.865 min Scan# 3
Delta R.T. -0.071 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:252 Resp: 432825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.6 | 26.4 |
| 125 | 10.0 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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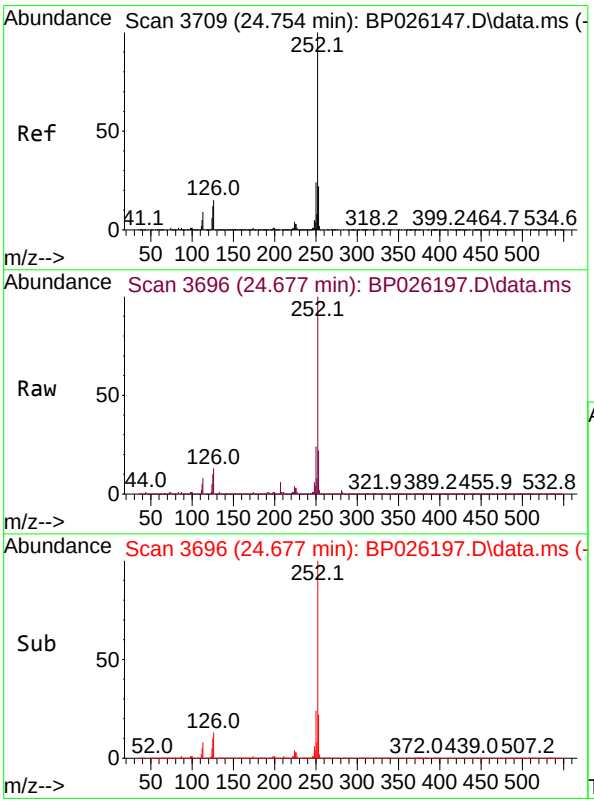
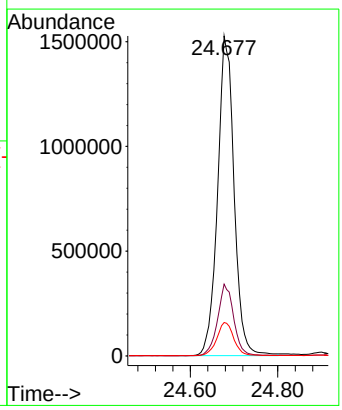
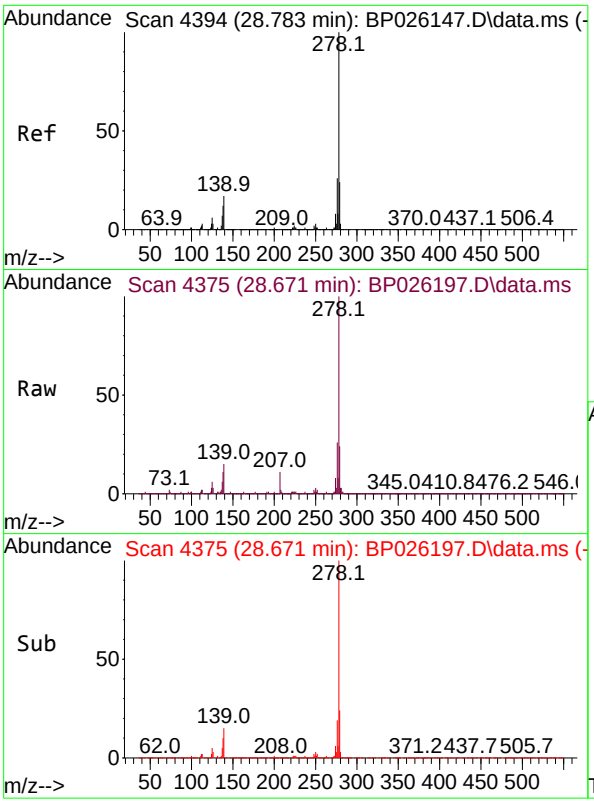



#90
Benzo(a)pyrene
Concen: 40.517 ng
RT: 24.677 min Scan# 3696
Delta R.T. -0.076 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:252 Resp: 4013897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.4 | 26.2 |
| 125 | 10.4 | 9.0 | 13.6 |

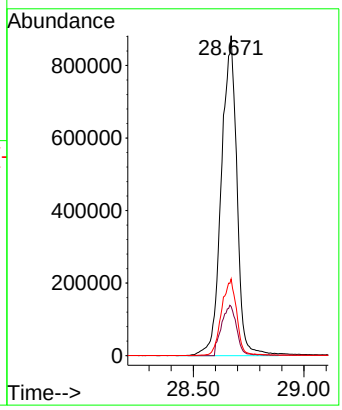





#91
Dibenzo(a,h)anthracene
Concen: 40.708 ng
RT: 28.671 min Scan# 4
Delta R.T. -0.123 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:278 Resp: 429197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.3 | 13.2 | 19.8 |
| 279 | 24.0 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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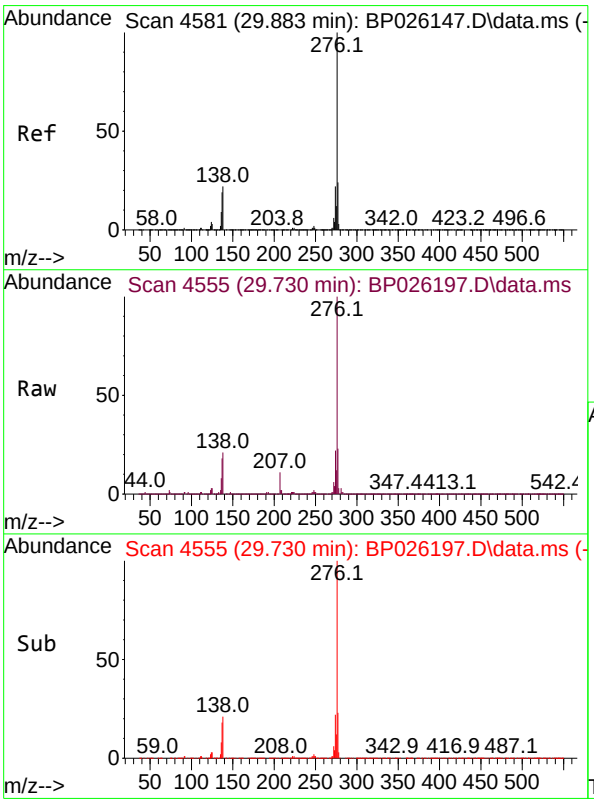
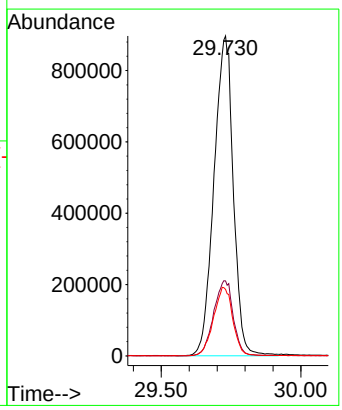



#92
Benzo(g,h,i)perylene
Concen: 41.031 ng
RT: 29.730 min Scan# 4555
Delta R.T. -0.153 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:276 Resp: 4299859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 18.8 | 28.2 |
| 138 | 20.8 | 17.8 | 26.6 |



Sample Results: **BP026197.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 80 | -0.01 |
| 2 | | 1,4-Dioxane | 40.000 | 39.307 | 1.7 | 82 | 0.00 |
| 3 | | Pyridine | 40.000 | 37.574 | 6.1 | 76 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.927 | 2.7 | 79 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 75.953 | 5.1 | 76 | 0.00 |
| 6 | | Aniline | 40.000 | 37.122 | 7.2 | 74 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 75.446 | 5.7 | 74 | -0.01 |
| 8 | | 2-Chlorophenol | 40.000 | 38.956 | 2.6 | 78 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 40.603 | -1.5 | 74 | 0.00 |
| 10 | C | Phenol | 40.000 | 37.721 | 5.7 | 74 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.229 | 1.9 | 78 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.046 | -0.1 | 81 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.932 | 0.2 | 80 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.835 | 0.4 | 80 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 37.411 | 6.5 | 74 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.007 | -0.0 | 79 | -0.02 |
| 17 | | 2-Methylphenol | 40.000 | 38.169 | 4.6 | 75 | -0.02 |
| 18 | | Hexachloroethane | 40.000 | 40.893 | -2.2 | 82 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 38.692 | 3.3 | 75 | -0.01 |
| 20 | | 3+4-Methylphenols | 40.000 | 37.100 | 7.2 | 74 | -0.02 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 77 | -0.02 |
| 22 | | Acetophenone | 40.000 | 39.353 | 1.6 | 76 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.010 | -0.0 | 76 | -0.01 |
| 24 | | Nitrobenzene | 40.000 | 39.935 | 0.2 | 76 | -0.01 |
| 25 | | Isophorone | 40.000 | 39.144 | 2.1 | 74 | -0.02 |
| 26 | C | 2-Nitrophenol | 40.000 | 38.860 | 2.9 | 71 | -0.02 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 35.586 | 11.0 | 68 | -0.02 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.003 | 2.5 | 75 | -0.02 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.761 | 0.6 | 75 | -0.02 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.785 | -2.0 | 79 | -0.02 |
| 31 | | Naphthalene | 40.000 | 39.984 | 0.0 | 78 | -0.02 |
| 32 | | Benzoic acid | 40.000 | 31.513 | 21.2 | 60 | -0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 37.586 | 6.0 | 70 | -0.02 |
| 34 | C | Hexachlorobutadiene | 40.000 | 42.211 | -5.5 | 81 | -0.03 |
| 35 | | Caprolactam | 40.000 | 35.968 | 10.1 | 69 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 38.646 | 3.4 | 73 | -0.02 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.806 | 0.5 | 76 | -0.02 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.113 | -0.3 | 76 | -0.02 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 73 | -0.04 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.981 | -5.0 | 78 | -0.02 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 36.162 | 9.6 | 66 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.486 | -0.6 | 72 | -0.02 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.708 | -1.8 | 74 | -0.02 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.301 | -0.8 | 73 | -0.02 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 82.928 | -3.7 | 78 | -0.03 |
| 46 | | 1,1'-Biphenyl | 40.000 | 40.138 | -0.3 | 74 | -0.02 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.951 | 0.1 | 74 | -0.03 |

Sample Results: **BP026197.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 38.340 | 4.1 | 68 | -0.02 |
| 49 | | Acenaphthylene | 40.000 | 40.630 | -1.6 | 75 | -0.02 |
| 50 | | Dimethylphthalate | 40.000 | 40.065 | -0.2 | 73 | -0.02 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.122 | -0.3 | 69 | -0.03 |
| 52 | C | Acenaphthene | 40.000 | 40.046 | -0.1 | 74 | -0.03 |
| 53 | | 3-Nitroaniline | 40.000 | 37.525 | 6.2 | 66 | -0.03 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 35.829 | 10.4 | 63 | -0.03 |
| 55 | | Dibenzofuran | 40.000 | 40.337 | -0.8 | 74 | -0.03 |
| 56 | P | 4-Nitrophenol | 40.000 | 33.659 | 15.9 | 62 | -0.03 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 40.215 | -0.5 | 70 | -0.04 |
| 58 | | Fluorene | 40.000 | 40.781 | -2.0 | 76 | -0.03 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 38.817 | 3.0 | 70 | -0.04 |
| 60 | | Diethylphthalate | 40.000 | 39.567 | 1.1 | 72 | -0.03 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 41.010 | -2.5 | 76 | -0.03 |
| 62 | | 4-Nitroaniline | 40.000 | 36.247 | 9.4 | 66 | -0.03 |
| 63 | | Azobenzene | 40.000 | 40.005 | -0.0 | 72 | -0.03 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 72 | -0.03 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 37.868 | 5.3 | 65 | -0.03 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.978 | 0.1 | 71 | -0.03 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 41.378 | -3.4 | 72 | -0.04 |
| 68 | | Hexachlorobenzene | 40.000 | 41.347 | -3.4 | 72 | -0.03 |
| 69 | | Atrazine | 40.000 | 39.679 | 0.8 | 70 | -0.04 |
| 70 | C | Pentachlorophenol | 40.000 | 39.836 | 0.4 | 70 | -0.04 |
| 71 | | Phenanthrene | 40.000 | 40.786 | -2.0 | 74 | -0.03 |
| 72 | | Anthracene | 40.000 | 39.871 | 0.3 | 70 | -0.04 |
| 73 | | Carbazole | 40.000 | 39.365 | 1.6 | 70 | -0.03 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.966 | -2.4 | 70 | -0.04 |
| 75 | C | Fluoranthene | 40.000 | 40.112 | -0.3 | 72 | -0.03 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 76 | -0.03 |
| 77 | | Benzidine | 40.000 | 36.460 | 8.8 | 71 | -0.04 |
| 78 | | Pyrene | 40.000 | 39.292 | 1.8 | 74 | -0.03 |
| 79 | S | Terphenyl-d14 | 80.000 | 81.101 | -1.4 | 76 | -0.04 |
| 80 | | Butylbenzylphthalate | 40.000 | 38.562 | 3.6 | 70 | -0.03 |
| 81 | | Benzo(a)anthracene | 40.000 | 38.955 | 2.6 | 74 | -0.03 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 37.038 | 7.4 | 70 | -0.05 |
| 83 | | Chrysene | 40.000 | 39.444 | 1.4 | 76 | -0.03 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 39.815 | 0.5 | 71 | -0.04 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 38.545 | 3.6 | 71 | -0.05 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 77 | -0.08 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 40.690 | -1.7 | 77 | -0.14 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.912 | 0.2 | 75 | -0.06 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 41.434 | -3.6 | 79 | -0.07 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.517 | -1.3 | 77 | -0.08 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 40.708 | -1.8 | 77 | -0.12 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 41.031 | -2.6 | 78 | -0.15 |

Sample Results: **BP026197.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP026197.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 80 | -0.01 |
| 2 | | 1,4-Dioxane | 0.505 | 0.497 | 1.6 | 82 | 0.00 |
| 3 | | Pyridine | 1.461 | 1.372 | 6.1 | 76 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.546 | 0.531 | 2.7 | 79 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.246 | 1.183 | 5.1 | 76 | 0.00 |
| 6 | | Aniline | 2.094 | 1.944 | 7.2 | 74 | 0.00 |
| 7 | S | Phenol-d6 | 1.586 | 1.496 | 5.7 | 74 | -0.01 |
| 8 | | 2-Chlorophenol | 1.418 | 1.381 | 2.6 | 78 | 0.00 |
| 9 | | Benzaldehyde | 0.831 | 0.844 | -1.6 | 74 | 0.00 |
| 10 | C | Phenol | 1.709 | 1.612 | 5.7 | 74 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.338 | 1.312 | 1.9 | 78 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.528 | 1.530 | -0.1 | 81 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.540 | 1.537 | 0.2 | 80 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.479 | 1.472 | 0.5 | 80 | 0.00 |
| 15 | | Benzyl Alcohol | 1.162 | 1.087 | 6.5 | 74 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.879 | 1.879 | 0.0 | 79 | -0.02 |
| 17 | | 2-Methylphenol | 1.163 | 1.110 | 4.6 | 75 | -0.02 |
| 18 | | Hexachloroethane | 0.560 | 0.573 | -2.3 | 82 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.985 | 0.953 | 3.2 | 75 | -0.01 |
| 20 | | 3+4-Methylphenols | 1.612 | 1.495 | 7.3 | 74 | -0.02 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 77 | -0.02 |
| 22 | | Acetophenone | 0.508 | 0.500 | 1.6 | 76 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 0.352 | 0.352 | 0.0 | 76 | -0.01 |
| 24 | | Nitrobenzene | 0.356 | 0.356 | 0.0 | 76 | -0.01 |
| 25 | | Isophorone | 0.698 | 0.683 | 2.1 | 74 | -0.02 |
| 26 | C | 2-Nitrophenol | 0.180 | 0.175 | 2.8 | 71 | -0.02 |
| 27 | | 2,4-Dimethylphenol | 0.325 | 0.289 | 11.1 | 68 | -0.02 |
| 28 | | bis(2-Chloroethoxy)methane | 0.437 | 0.426 | 2.5 | 75 | -0.02 |
| 29 | C | 2,4-Dichlorophenol | 0.325 | 0.323 | 0.6 | 75 | -0.02 |
| 30 | | 1,2,4-Trichlorobenzene | 0.331 | 0.337 | -1.8 | 79 | -0.02 |
| 31 | | Naphthalene | 1.081 | 1.080 | 0.1 | 78 | -0.02 |
| 32 | | Benzoic acid | 0.274 | 0.216 | 21.2 | 60 | -0.02 |
| 33 | | 4-Chloroaniline | 0.460 | 0.432 | 6.1 | 70 | -0.02 |
| 34 | C | Hexachlorobutadiene | 0.215 | 0.227 | -5.6 | 81 | -0.03 |
| 35 | | Caprolactam | 0.116 | 0.105 | 9.5 | 69 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 0.345 | 0.334 | 3.2 | 73 | -0.02 |
| 37 | | 2-Methylnaphthalene | 0.766 | 0.763 | 0.4 | 76 | -0.02 |
| 38 | | 1-Methylnaphthalene | 0.749 | 0.751 | -0.3 | 76 | -0.02 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 73 | -0.04 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.605 | 0.635 | -5.0 | 78 | -0.02 |
| 41 | P | Hexachlorocyclopentadiene | 0.396 | 0.358 | 9.6 | 66 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 0.259 | 0.261 | -0.8 | 72 | -0.02 |
| 43 | C | 2,4,6-Trichlorophenol | 0.415 | 0.422 | -1.7 | 74 | -0.02 |
| 44 | | 2,4,5-Trichlorophenol | 0.463 | 0.466 | -0.6 | 73 | -0.02 |
| 45 | S | 2-Fluorobiphenyl | 1.365 | 1.415 | -3.7 | 78 | -0.03 |
| 46 | | 1,1'-Biphenyl | 1.506 | 1.511 | -0.3 | 74 | -0.02 |
| 47 | | 2-Chloronaphthalene | 1.184 | 1.183 | 0.1 | 74 | -0.03 |

Sample Results: **BP026197.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.329 | 0.316 | 4.0 | 68 | -0.02 |
| 49 | | Acenaphthylene | 1.953 | 1.984 | -1.6 | 75 | -0.02 |
| 50 | | Dimethylphthalate | 1.494 | 1.496 | -0.1 | 73 | -0.02 |
| 51 | | 2,6-Dinitrotoluene | 0.296 | 0.297 | -0.3 | 69 | -0.03 |
| 52 | C | Acenaphthene | 1.145 | 1.146 | -0.1 | 74 | -0.03 |
| 53 | | 3-Nitroaniline | 0.349 | 0.327 | 6.3 | 66 | -0.03 |
| 54 | P | 2,4-Dinitrophenol | 0.179 | 0.160 | 10.6 | 63 | -0.03 |
| 55 | | Dibenzofuran | 1.773 | 1.788 | -0.8 | 74 | -0.03 |
| 56 | P | 4-Nitrophenol | 0.315 | 0.265 | 15.9 | 62 | -0.03 |
| 57 | | 2,4-Dinitrotoluene | 0.442 | 0.444 | -0.5 | 70 | -0.04 |
| 58 | | Fluorene | 1.401 | 1.429 | -2.0 | 76 | -0.03 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.393 | 0.381 | 3.1 | 70 | -0.04 |
| 60 | | Diethylphthalate | 1.505 | 1.488 | 1.1 | 72 | -0.03 |
| 61 | | 4-Chlorophenyl-phenylether | 0.697 | 0.715 | -2.6 | 76 | -0.03 |
| 62 | | 4-Nitroaniline | 0.362 | 0.328 | 9.4 | 66 | -0.03 |
| 63 | | Azobenzene | 1.269 | 1.269 | 0.0 | 72 | -0.03 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 72 | -0.03 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.127 | 0.120 | 5.5 | 65 | -0.03 |
| 66 | c | n-Nitrosodiphenylamine | 0.619 | 0.618 | 0.2 | 71 | -0.03 |
| 67 | | 4-Bromophenyl-phenylether | 0.221 | 0.229 | -3.6 | 72 | -0.04 |
| 68 | | Hexachlorobenzene | 0.257 | 0.266 | -3.5 | 72 | -0.03 |
| 69 | | Atrazine | 0.233 | 0.231 | 0.9 | 70 | -0.04 |
| 70 | C | Pentachlorophenol | 0.180 | 0.179 | 0.6 | 70 | -0.04 |
| 71 | | Phenanthrene | 1.127 | 1.149 | -2.0 | 74 | -0.03 |
| 72 | | Anthracene | 1.149 | 1.145 | 0.3 | 70 | -0.04 |
| 73 | | Carbazole | 1.091 | 1.074 | 1.6 | 70 | -0.03 |
| 74 | | Di-n-butylphthalate | 1.294 | 1.325 | -2.4 | 70 | -0.04 |
| 75 | C | Fluoranthene | 1.369 | 1.373 | -0.3 | 72 | -0.03 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 76 | -0.03 |
| 77 | | Benzidine | 0.635 | 0.579 | 8.8 | 71 | -0.04 |
| 78 | | Pyrene | 1.311 | 1.288 | 1.8 | 74 | -0.03 |
| 79 | S | Terphenyl-d14 | 0.981 | 0.994 | -1.3 | 76 | -0.04 |
| 80 | | Butylbenzylphthalate | 0.578 | 0.557 | 3.6 | 70 | -0.03 |
| 81 | | Benzo(a)anthracene | 1.374 | 1.338 | 2.6 | 74 | -0.03 |
| 82 | | 3,3'-Dichlorobenzidine | 0.500 | 0.463 | 7.4 | 70 | -0.05 |
| 83 | | Chrysene | 1.295 | 1.277 | 1.4 | 76 | -0.03 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.874 | 0.870 | 0.5 | 71 | -0.04 |
| 85 | c | Di-n-octyl phthalate | 1.529 | 1.473 | 3.7 | 71 | -0.05 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 77 | -0.08 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.500 | 1.526 | -1.7 | 77 | -0.14 |
| 88 | | Benzo(b)fluoranthene | 1.218 | 1.215 | 0.2 | 75 | -0.06 |
| 89 | | Benzo(k)fluoranthene | 1.217 | 1.260 | -3.5 | 79 | -0.07 |
| 90 | C | Benzo(a)pyrene | 1.154 | 1.169 | -1.3 | 77 | -0.08 |
| 91 | | Dibenzo(a,h)anthracene | 1.228 | 1.250 | -1.8 | 77 | -0.12 |
| 92 | | Benzo(g,h,i)perylene | 1.220 | 1.252 | -2.6 | 78 | -0.15 |

Sample Results: **BP026197.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

# QC SAMPLE DATA

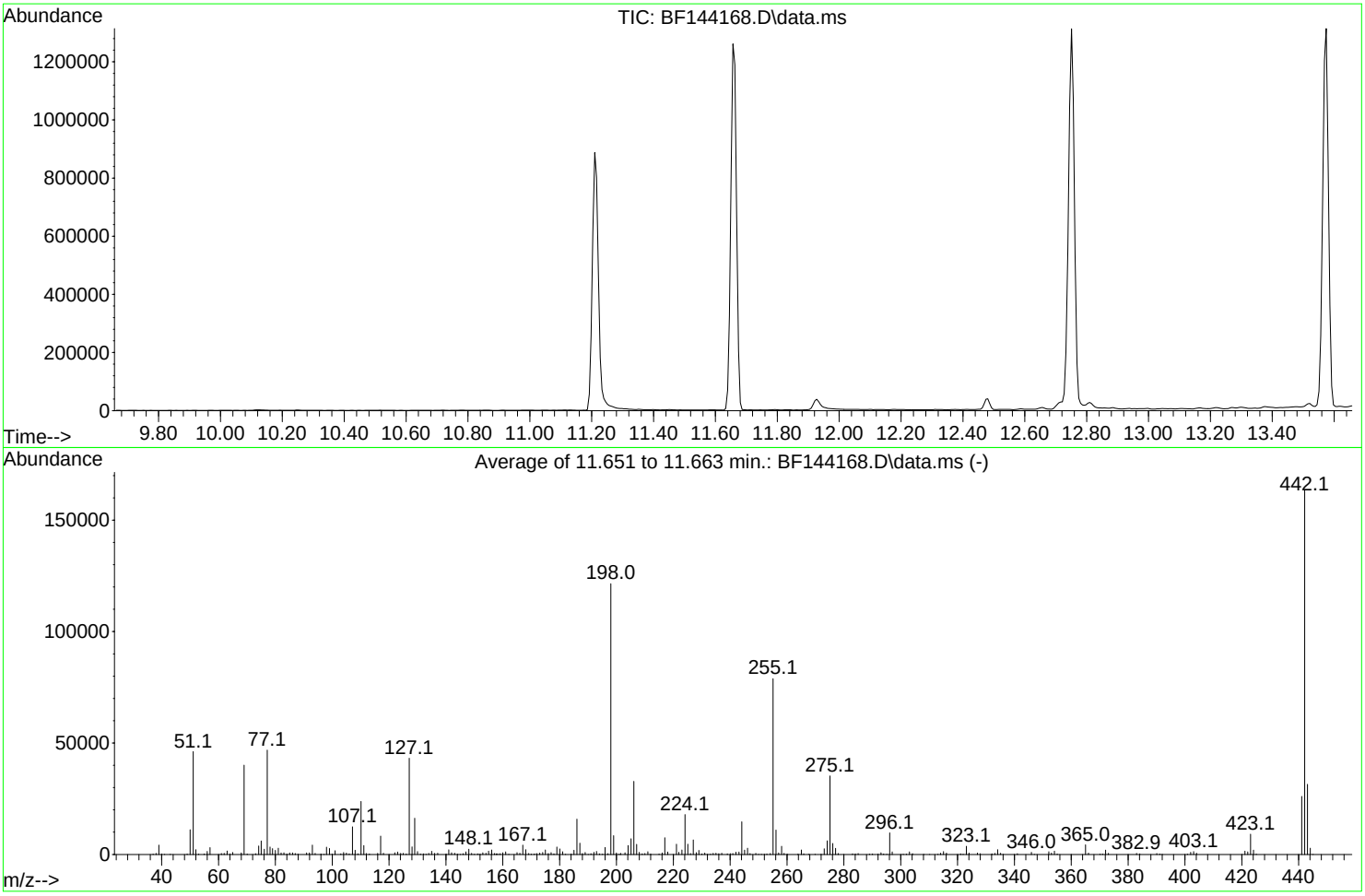
Sample Results: **BF144168.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025




AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

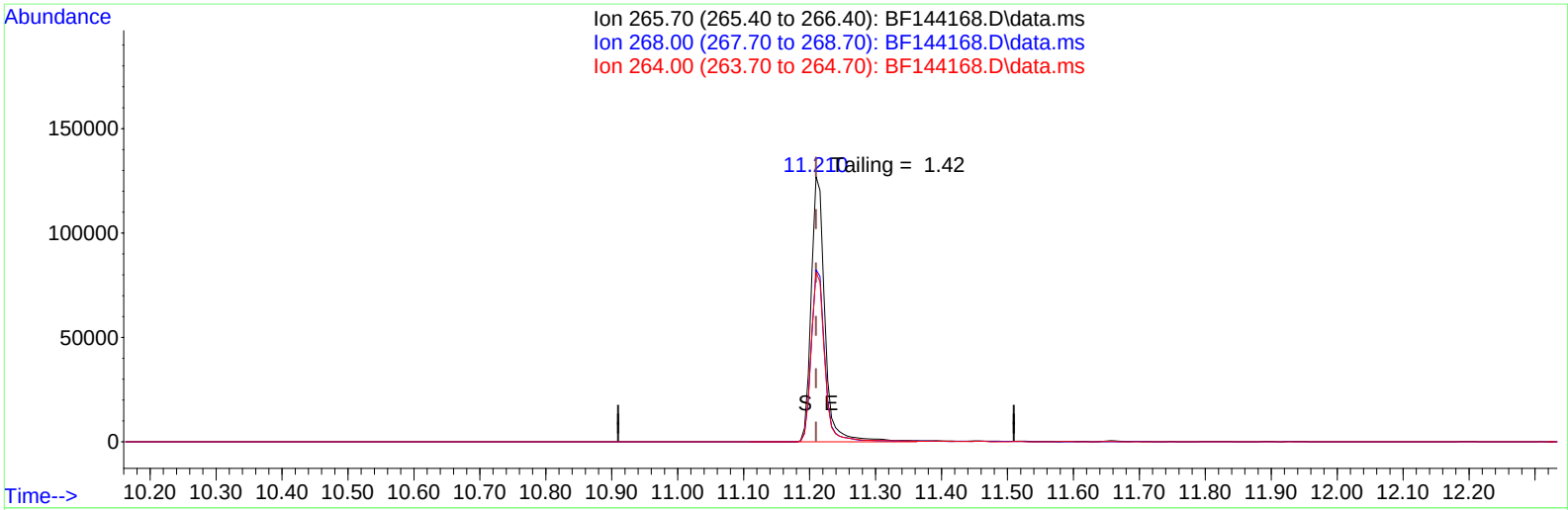
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.8 | 709 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 40048 | PASS |
| 70 | 69 | 0.00 | 2 | 0.6 | 222 | PASS |
| 197 | 198 | 0.00 | 2 | 0.3 | 378 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 121493 | PASS |
| 199 | 198 | 5 | 9 | 6.9 | 8441 | PASS |
| 365 | 198 | 1 | 100 | 3.6 | 4315 | PASS |
| 441 | 443 | 0.01 | 150 | 82.6 | 26027 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 163299 | PASS |
| 443 | 442 | 15 | 24 | 19.3 | 31501 | PASS |

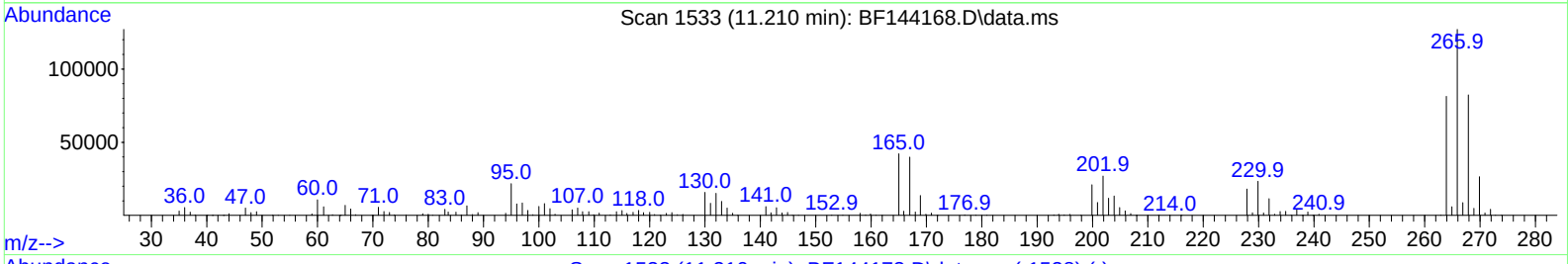
Sample Results: **BF144168.D**

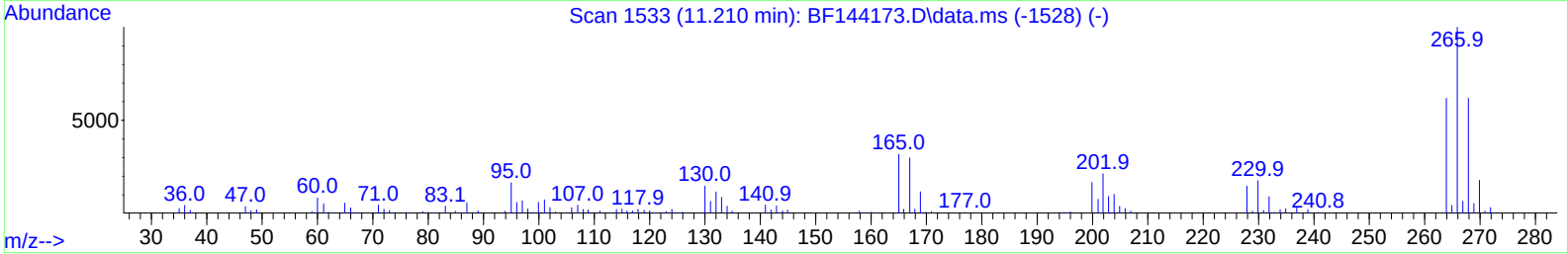
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration




TIC: BF144168.D\data.ms

**(70) Pentachlorophenol (C)**

**11.210min (-0.000) 39632.00 ng**

**response 182948**

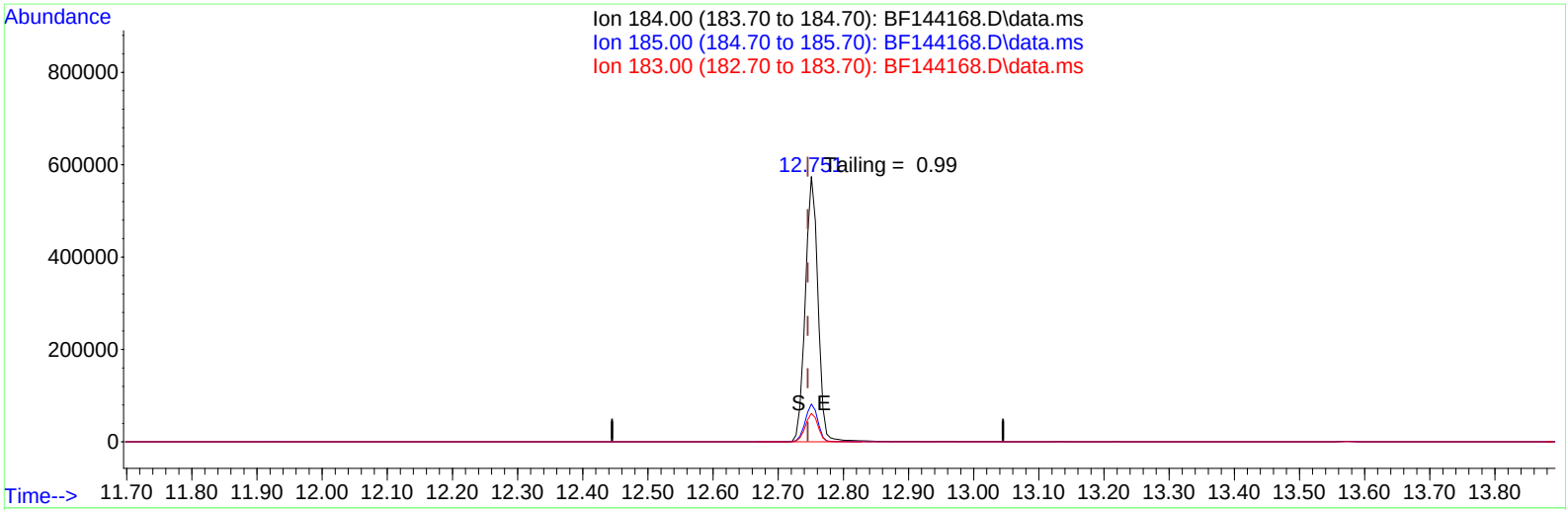
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.90 | 64.79 |
| 264.00 | 61.80 | 64.01 |
| 0.00 | 0.00 | 0.00 |

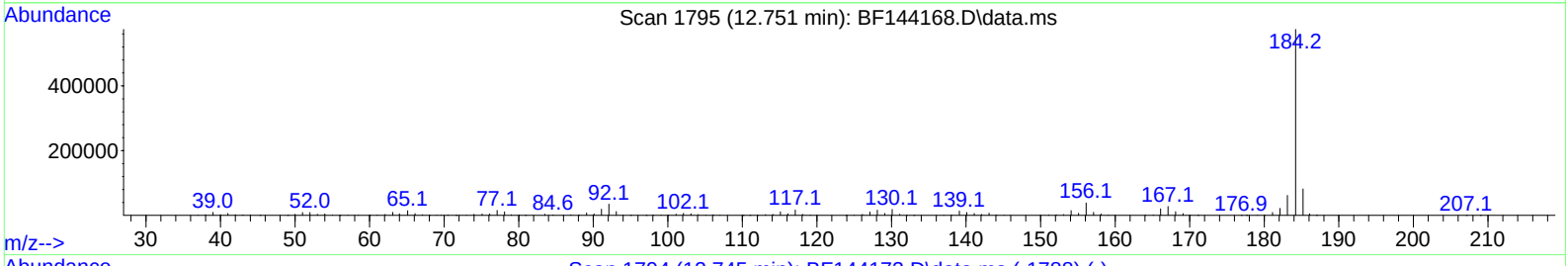
Sample Results: **BF144168.D**

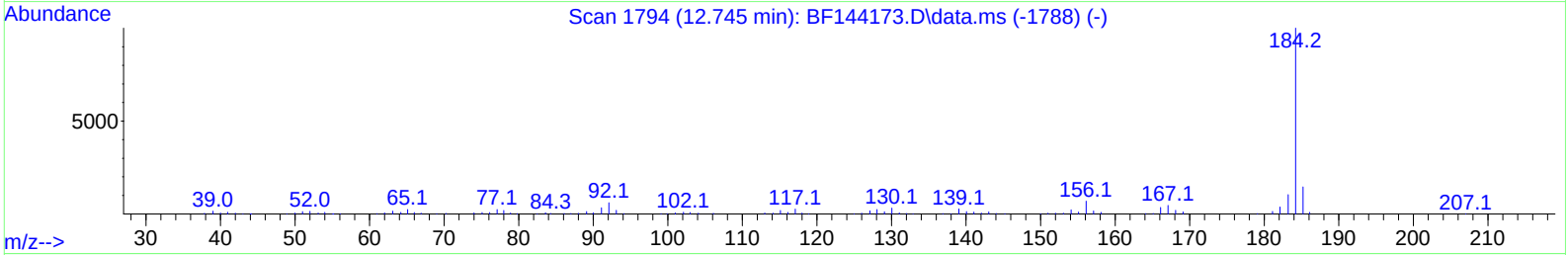
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration




TIC: BF144168.D\data.ms

**(77) Benzidine**

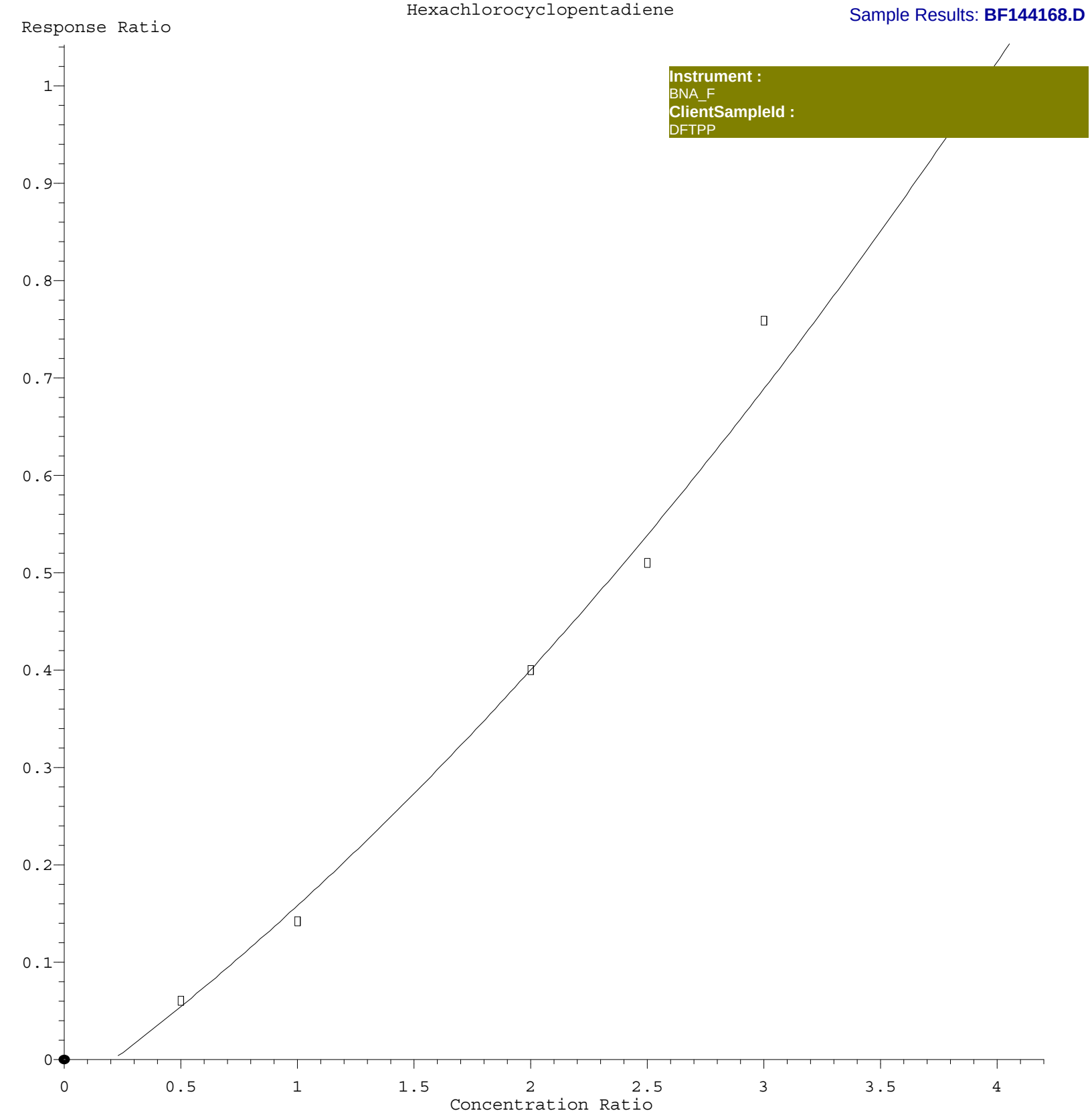
**12.751min (+ 0.006) 0.00 ng**

**response 777212**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.60 | 14.24 |
| 183.00 | 10.40 | 10.75 |
| 0.00 | 0.00 | 0.00 |

Hexachlorocyclopentadiene

Sample Results: **BF144168.D**




R = 2.331e-002 A*A + 1.722e-001 A - 3.751e-002
Coef of Det (r^2) = 0.992660  Curve Fit: Quadratic w(1/a)
Method Name:  Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

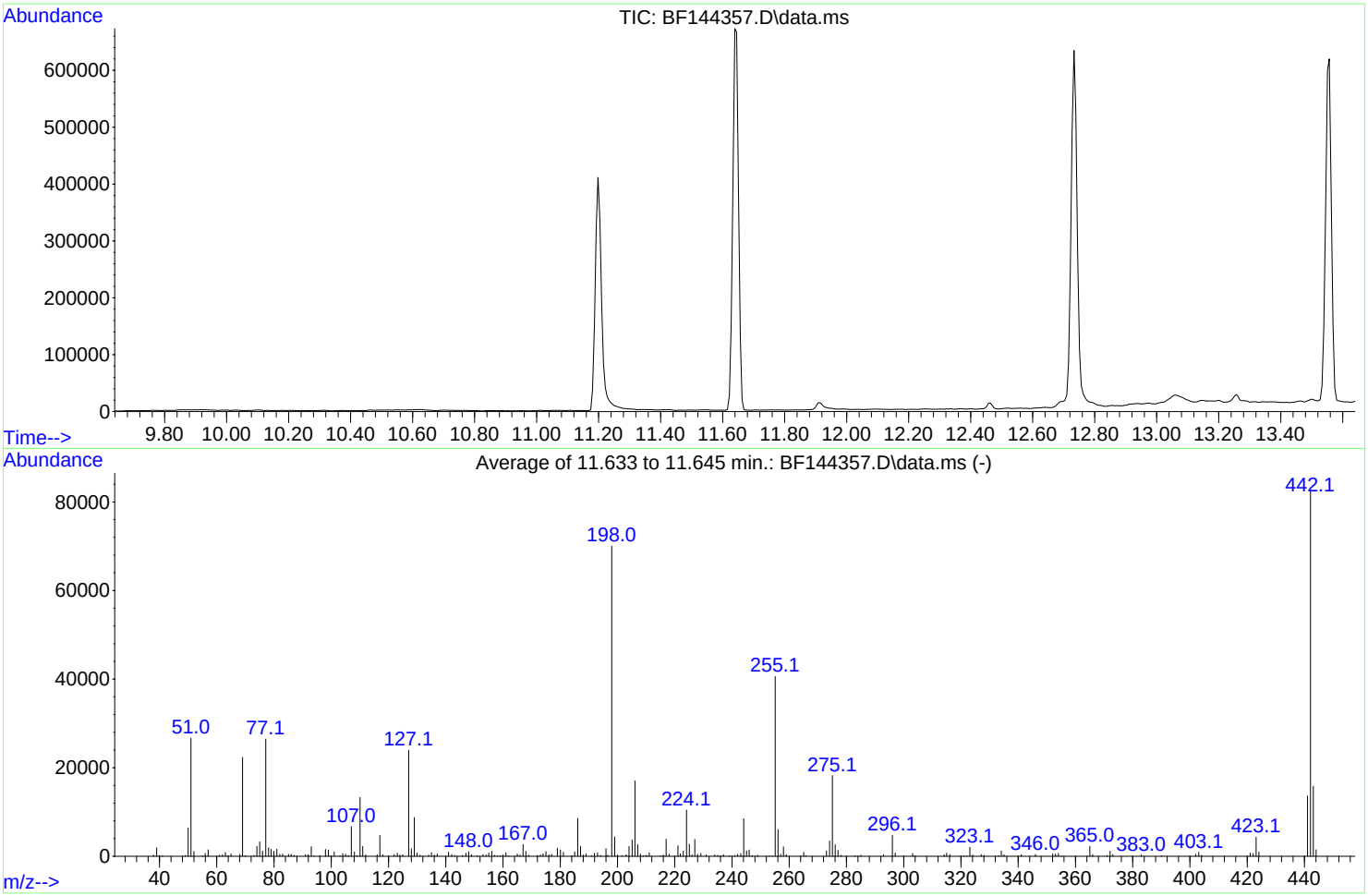
Sample Results: **BF144357.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144357.D
Acq On : 26 Nov 2025 13:00
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025




AutoFind: Scans 1605, 1606, 1607; Background Corrected with Scan 1599

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.9 | 434 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 22312 | PASS |
| 70 | 69 | 0.00 | 2 | 0.8 | 175 | PASS |
| 197 | 198 | 0.00 | 2 | 0.0 | 0 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 70035 | PASS |
| 199 | 198 | 5 | 9 | 6.2 | 4374 | PASS |
| 365 | 198 | 1 | 100 | 3.2 | 2260 | PASS |
| 441 | 443 | 0.01 | 150 | 86.5 | 13647 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 82341 | PASS |
| 443 | 442 | 15 | 24 | 19.2 | 15775 | PASS |

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 11/26/2025 | BNA_F | BF144357.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 170867 | 13.557 |
| DDD | 5037 | 13.257 |
| DDE | 501 | 12.916 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 5538 | 176405 | 3.14 |
| | | |

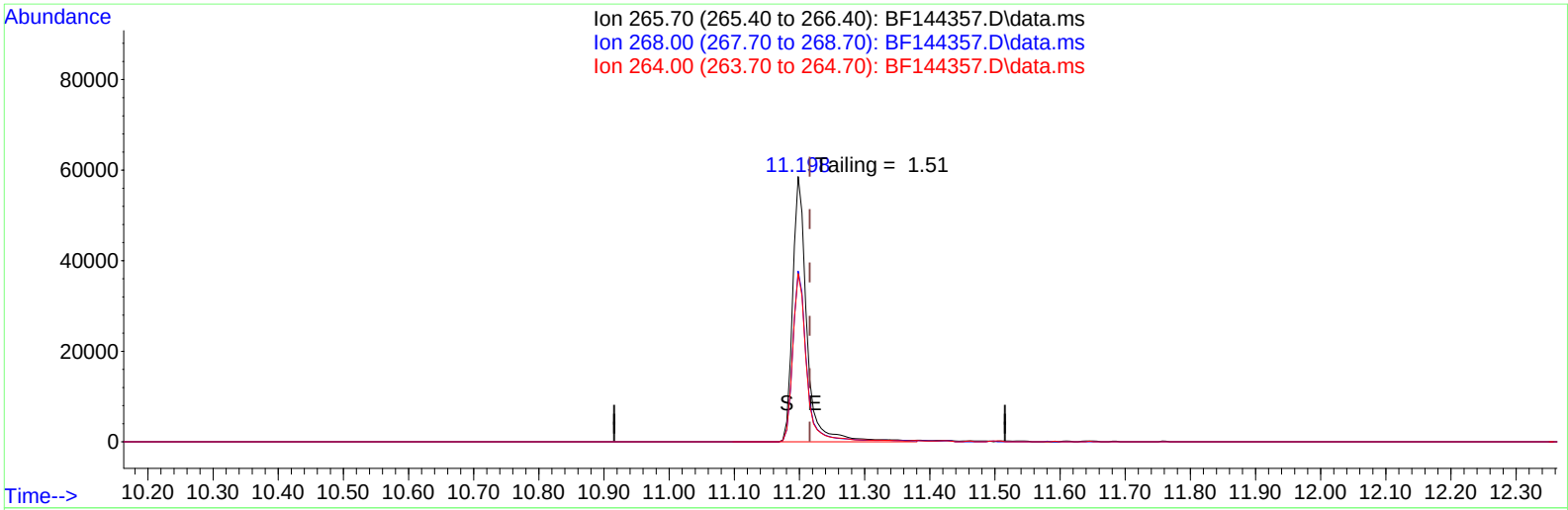
Instrument :
BNA_F
ClientSampleId :
DFTPP

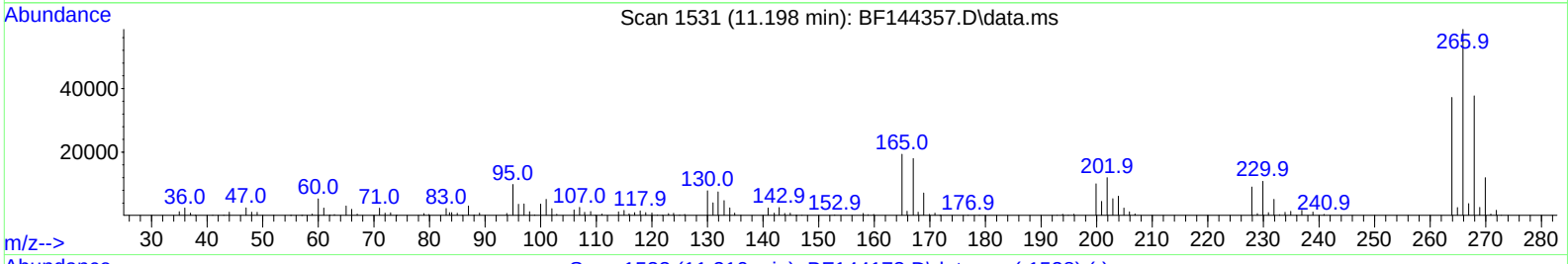
Sample Results: **BF144357.D**

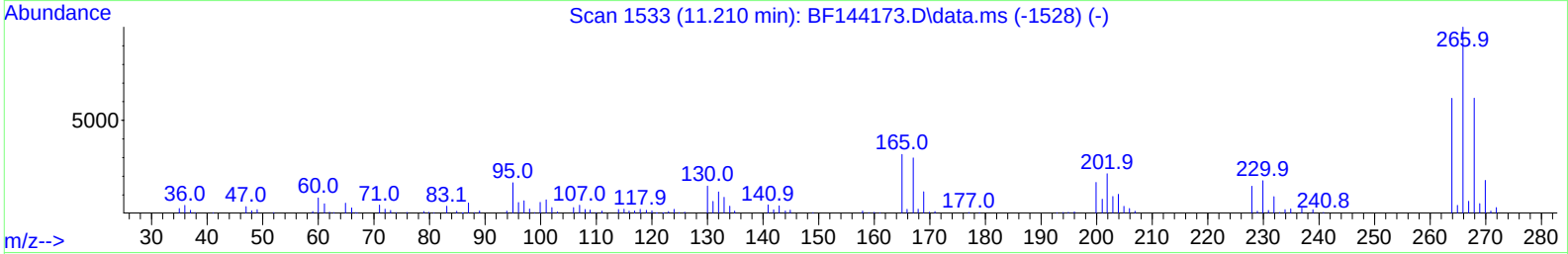
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144357.D
Acq On : 26 Nov 2025 13:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Nov 26 13:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration




TIC: BF144357.D\data.ms

**(70) Pentachlorophenol (C)**

**11.198min (-0.018) 39088.69 ng**

**response 89255**

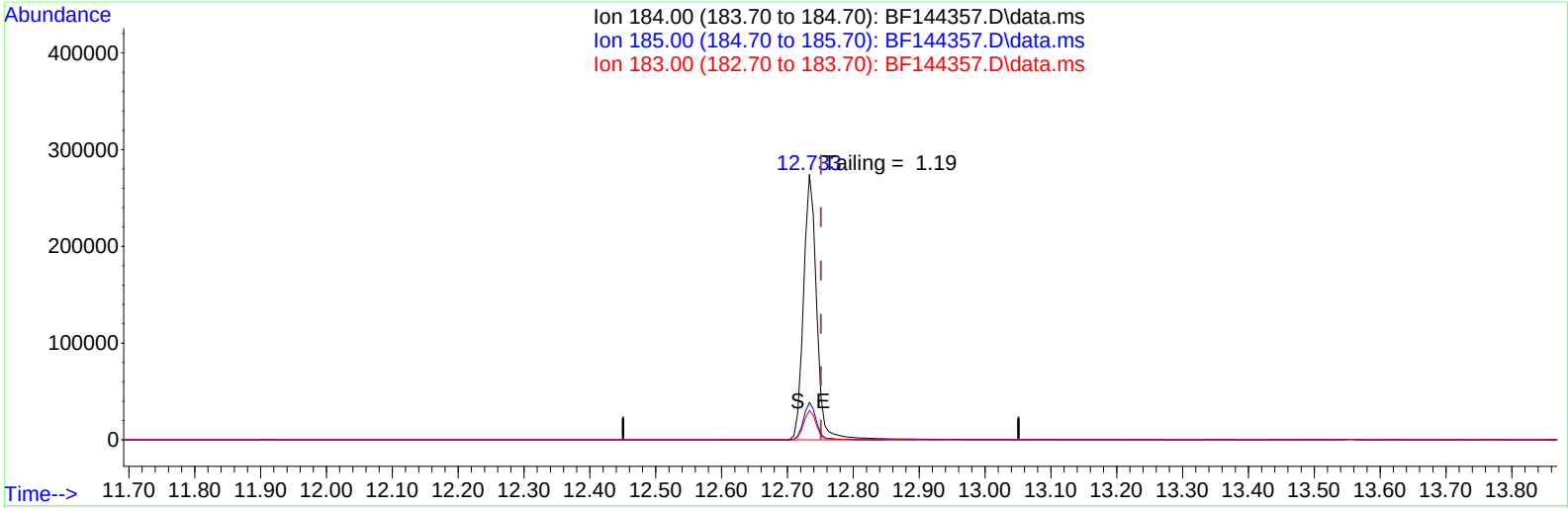
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.90 | 64.33 |
| 264.00 | 61.80 | 63.47 |
| 0.00 | 0.00 | 0.00 |

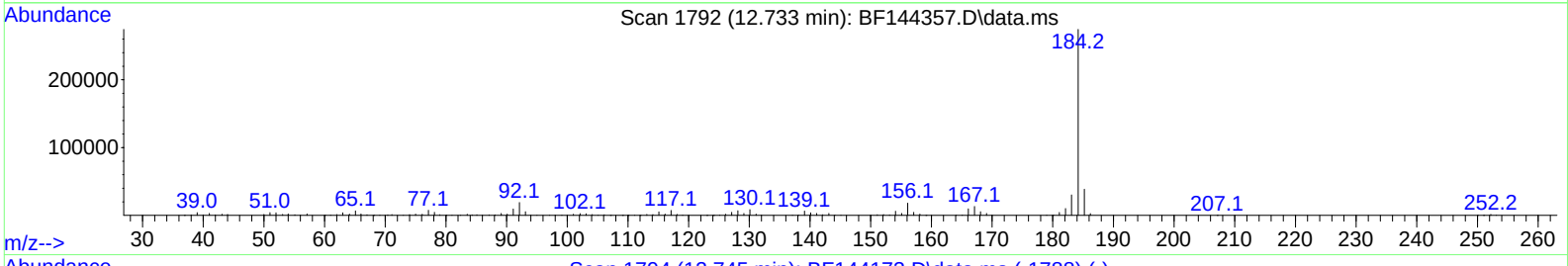
Sample Results: **BF144357.D**

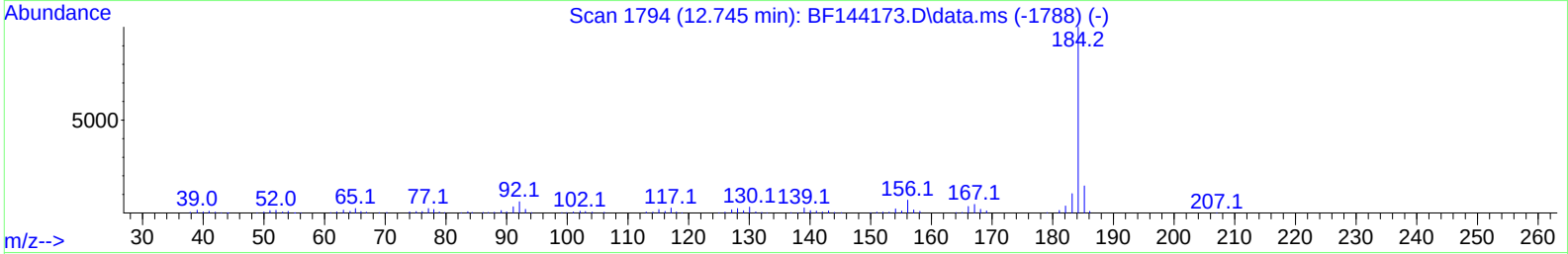
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144357.D
Acq On : 26 Nov 2025 13:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Nov 26 13:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration




TIC: BF144357.D\data.ms

**(77) Benzidine**

**12.733min (-0.018) 0.00 ng**

**response 380762**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.60 | 14.14 |
| 183.00 | 10.40 | 11.08 |
| 0.00 | 0.00 | 0.00 |

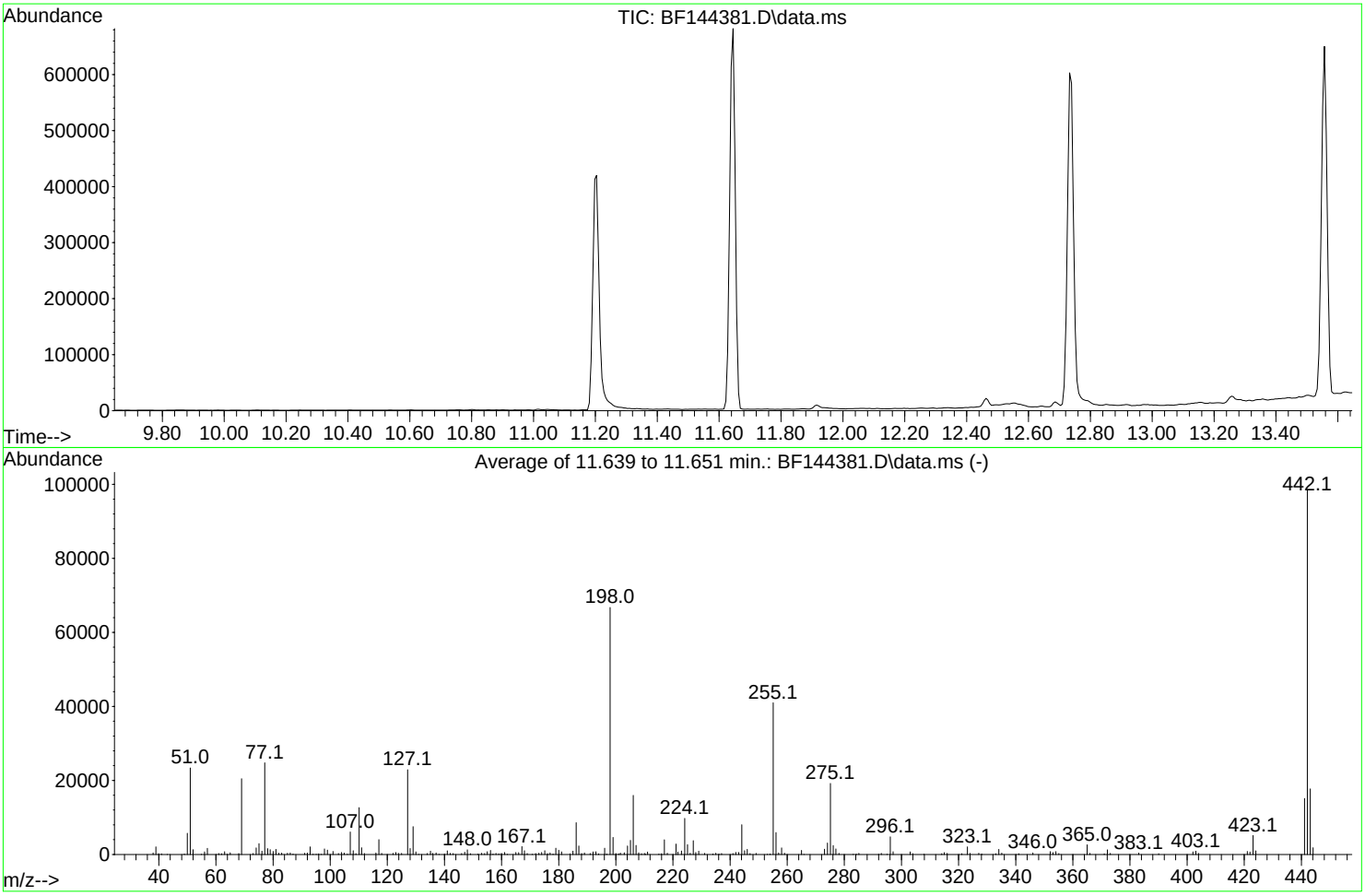
Sample Results: **BF144381.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144381.D
Acq On : 01 Dec 2025 12:12
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025




AutoFind: Scans 1606, 1607, 1608; Background Corrected with Scan 1599

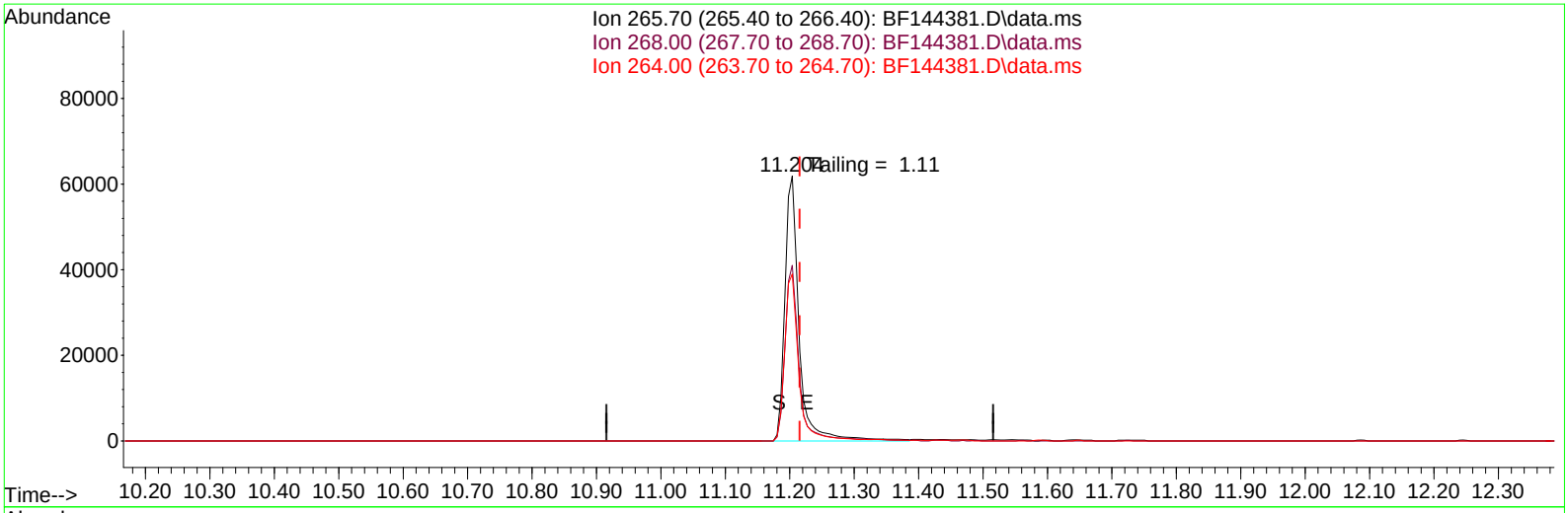
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.2 | 251 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 20457 | PASS |
| 70 | 69 | 0.00 | 2 | 0.0 | 0 | PASS |
| 197 | 198 | 0.00 | 2 | 0.2 | 141 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 66749 | PASS |
| 199 | 198 | 5 | 9 | 6.9 | 4598 | PASS |
| 365 | 198 | 1 | 100 | 3.9 | 2605 | PASS |
| 441 | 443 | 0.01 | 150 | 85.4 | 15120 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 98347 | PASS |
| 443 | 442 | 15 | 24 | 18.0 | 17705 | PASS |

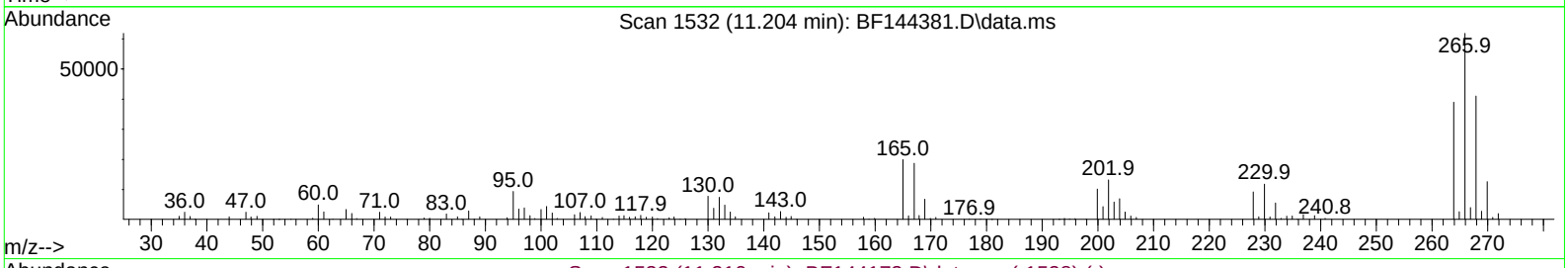
Sample Results: **BF144381.D**

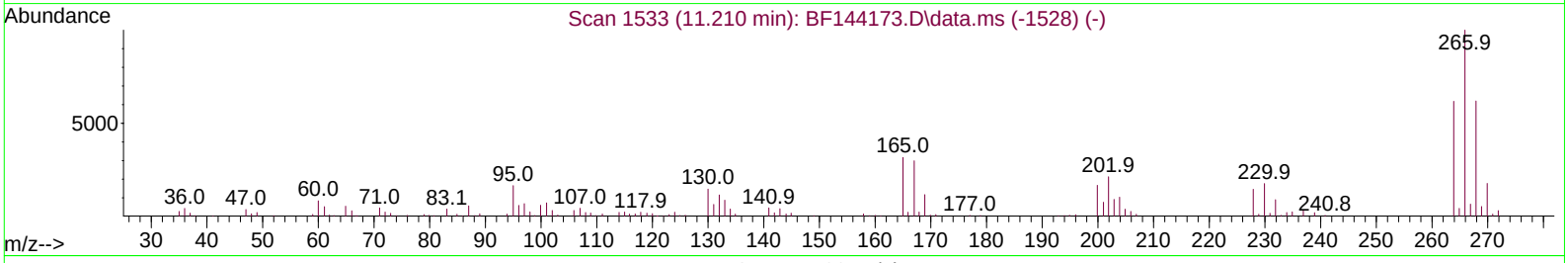
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144381.D
Acq On : 01 Dec 2025 12:12
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Dec 01 13:16:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration




TIC: BF144381.D\data.ms

**(70) Pentachlorophenol (C)**

**11.204min (-0.012) 40255.49 ng**

**response 94933**

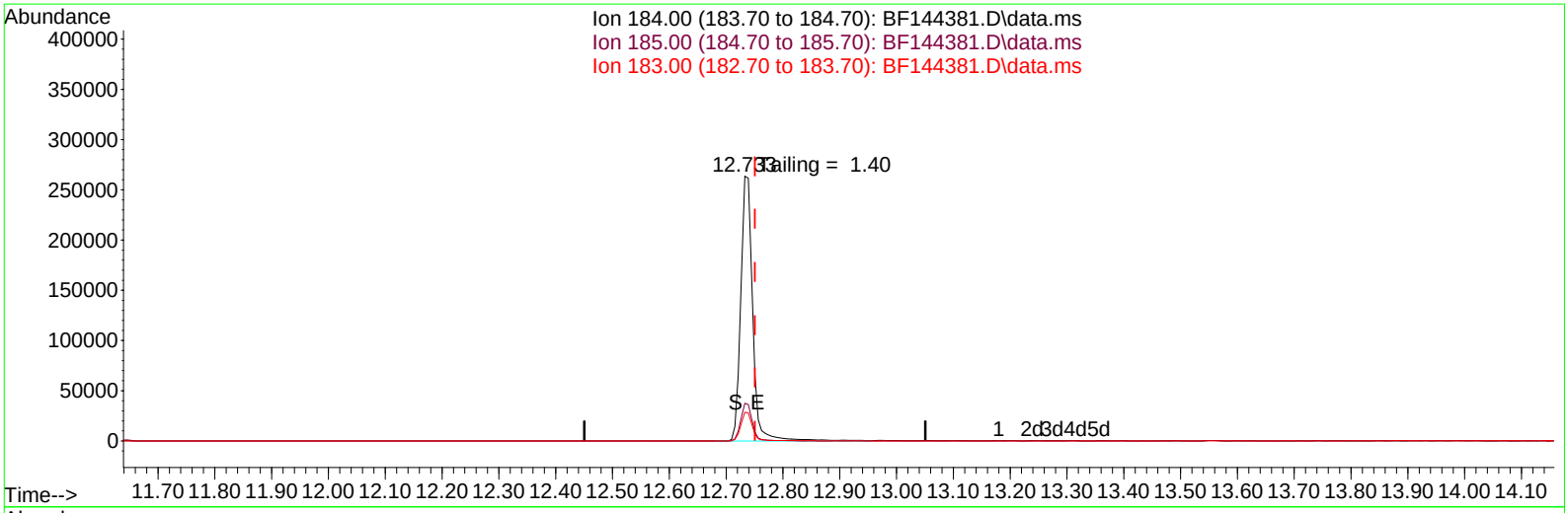
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.90 | 66.35 |
| 264.00 | 61.80 | 63.04 |
| 0.00 | 0.00 | 0.00 |

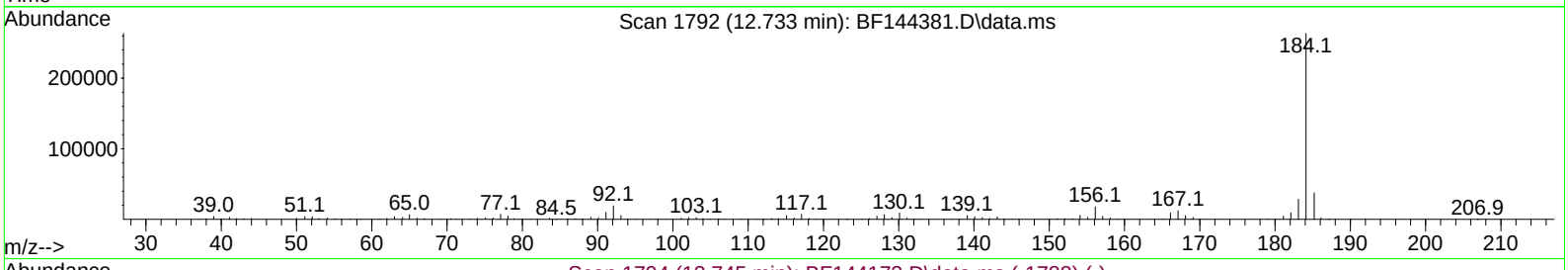
Sample Results: **BF144381.D**

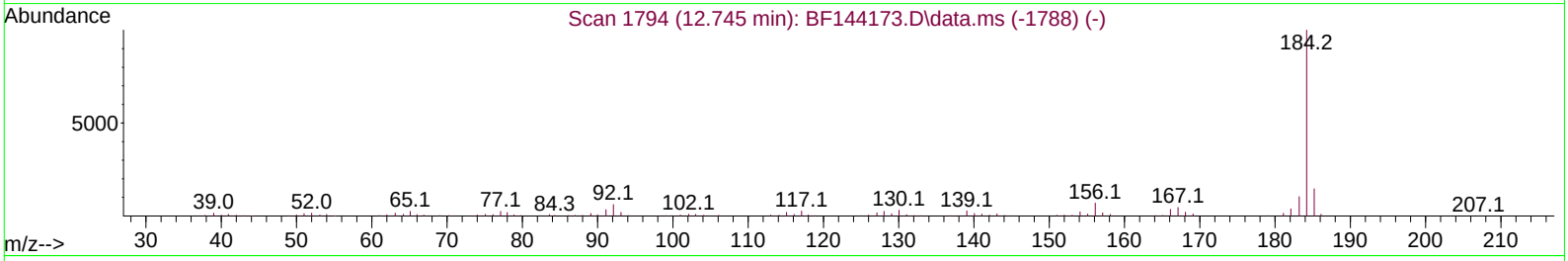
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144381.D
Acq On : 01 Dec 2025 12:12
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Dec 01 13:16:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration




TIC: BF144381.D\data.ms

**(77) Benzidine**

**12.733min (-0.018) 33019.21 ng m**

**response 387744**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.60 | 14.21 |
| 183.00 | 10.40 | 10.81 |
| 0.00 | 0.00 | 0.00 |

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 12/1/2025 | BNA_F | BF144381.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 172723 | 13.557 |
| DDD | 4880 | 13.257 |
| DDE | 463 | 12.921 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 5343 | 178066 | 3.00 |
| | | |

Instrument :
BNA_F
ClientSampleId :
DFTPP

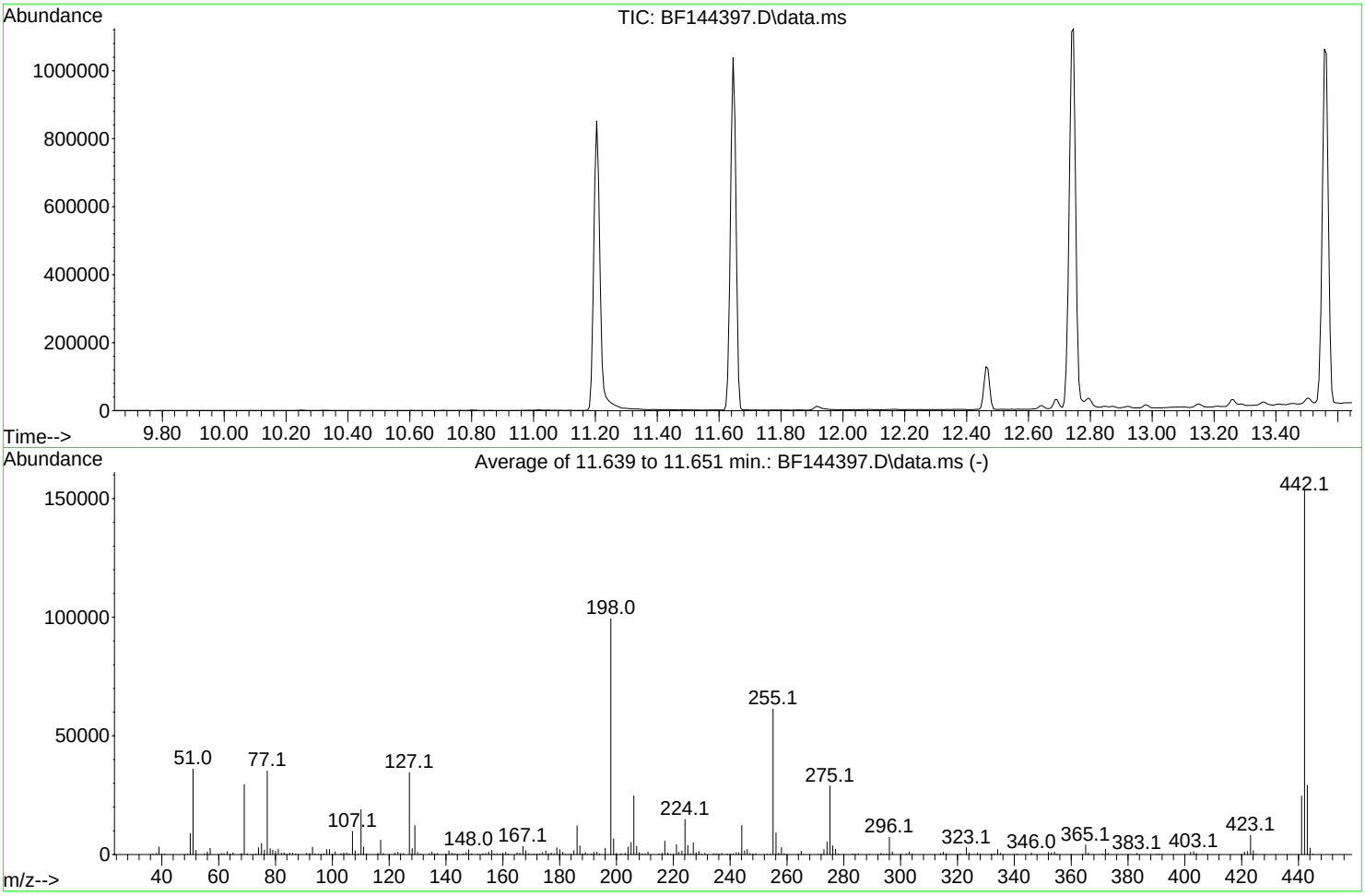
Sample Results: **BF144397.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144397.D
Acq On : 02 Dec 2025 10:31
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025




AutoFind: Scans 1606, 1607, 1608; Background Corrected with Scan 1600

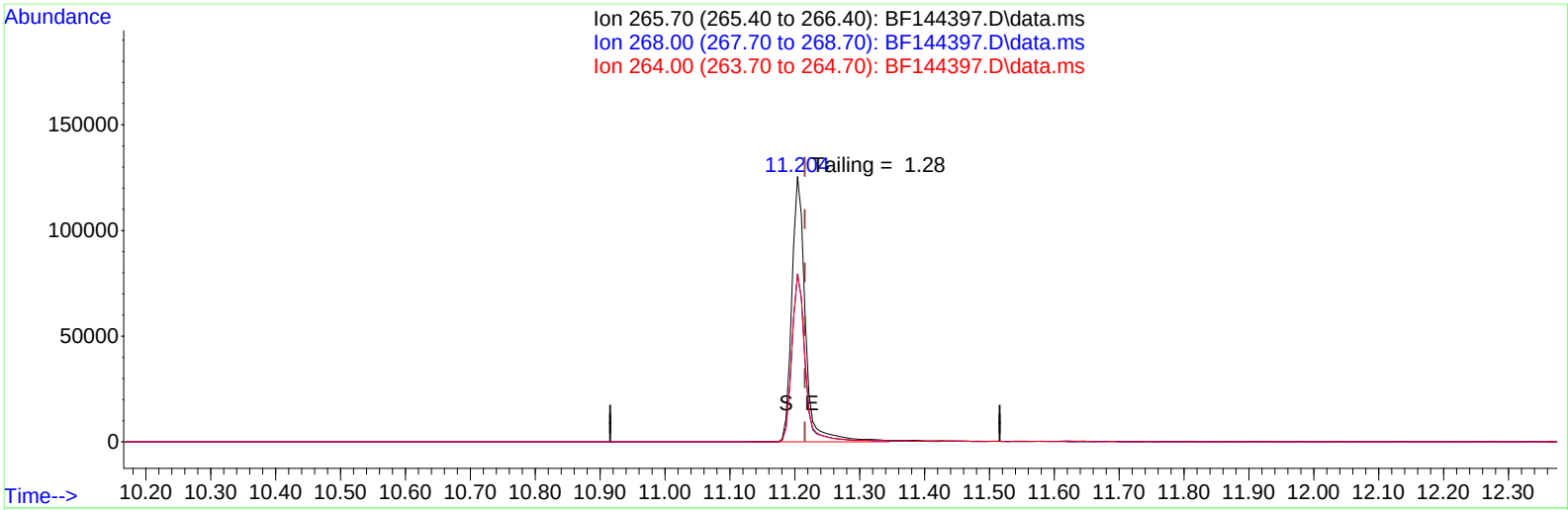
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.5 | 437 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 29459 | PASS |
| 70 | 69 | 0.00 | 2 | 1.1 | 316 | PASS |
| 197 | 198 | 0.00 | 2 | 0.0 | 0 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 99365 | PASS |
| 199 | 198 | 5 | 9 | 6.6 | 6573 | PASS |
| 365 | 198 | 1 | 100 | 4.0 | 4014 | PASS |
| 441 | 443 | 0.01 | 150 | 84.5 | 24640 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 153424 | PASS |
| 443 | 442 | 15 | 24 | 19.0 | 29152 | PASS |

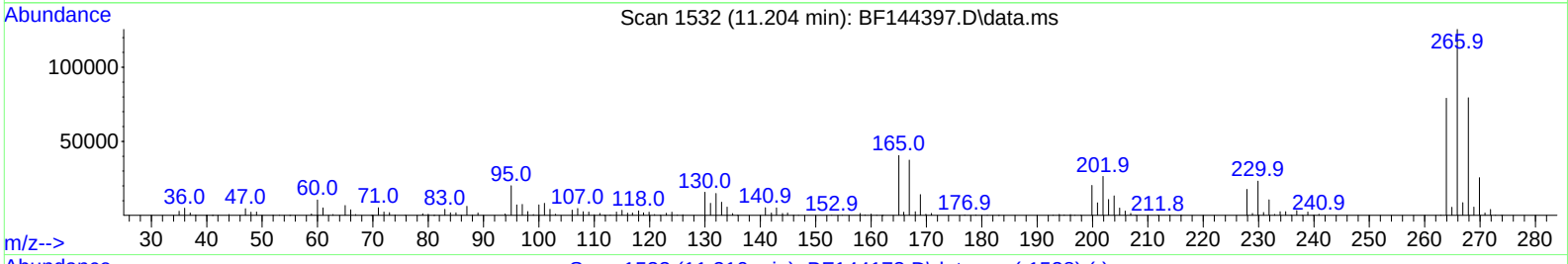
Sample Results: **BF144397.D**

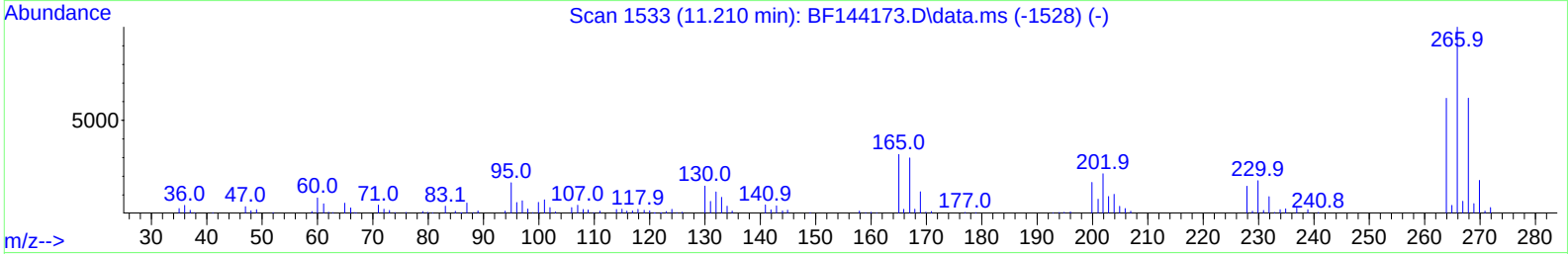
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144397.D
Acq On : 02 Dec 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Dec 02 10:51:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration




TIC: BF144397.D\data.ms

**(70) Pentachlorophenol (C)**

**11.204min (-0.012) 36284.74 ng**

**response 183362**

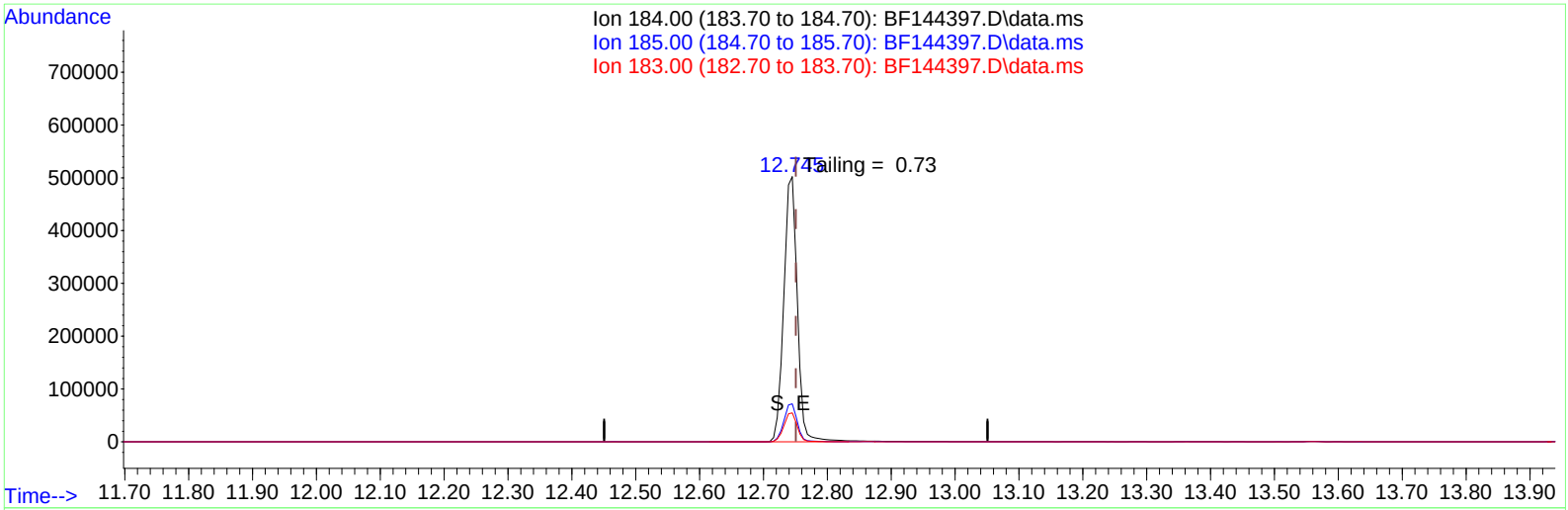
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.90 | 63.26 |
| 264.00 | 61.80 | 63.06 |
| 0.00 | 0.00 | 0.00 |

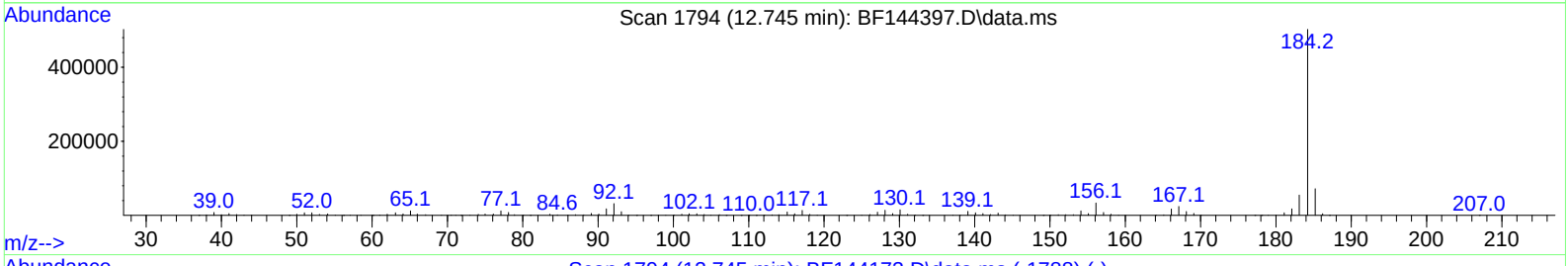
Sample Results: **BF144397.D**

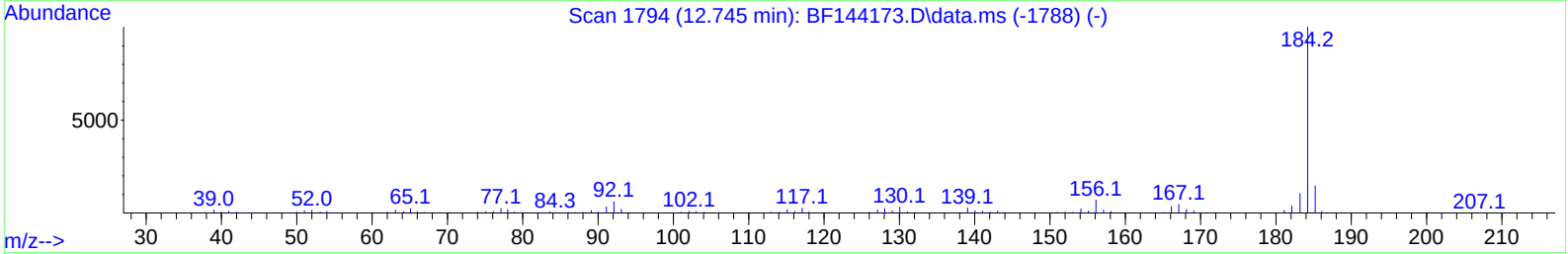
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144397.D
Acq On : 02 Dec 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Dec 02 10:51:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration




TIC: BF144397.D\data.ms

**(77) Benzidine**

**12.745min (-0.006) 20356.93 ng**

**response 746056**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.60 | 14.33 |
| 183.00 | 10.40 | 10.92 |
| 0.00 | 0.00 | 0.00 |

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 12/2/2025 | BNA_F | BF144397.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 313350 | 13.563 |
| DDD | 7988 | 13.263 |
| DDE | 1105 | 12.922 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 9093 | 322443 | 2.82 |
| | | |

Instrument :
BNA_F
ClientSampleId :
DFTPP

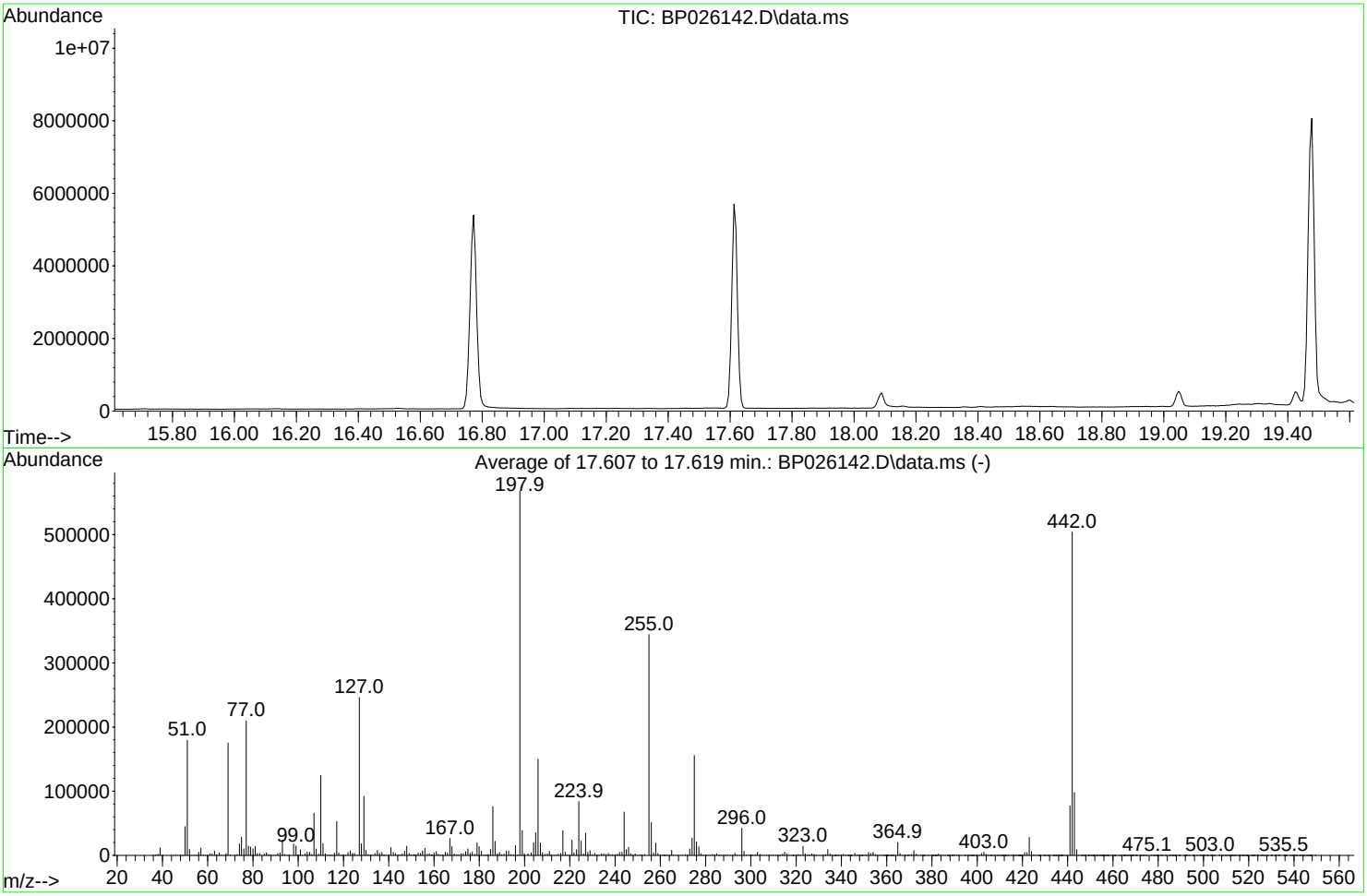
Sample Results: **BP026142.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025




AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2485

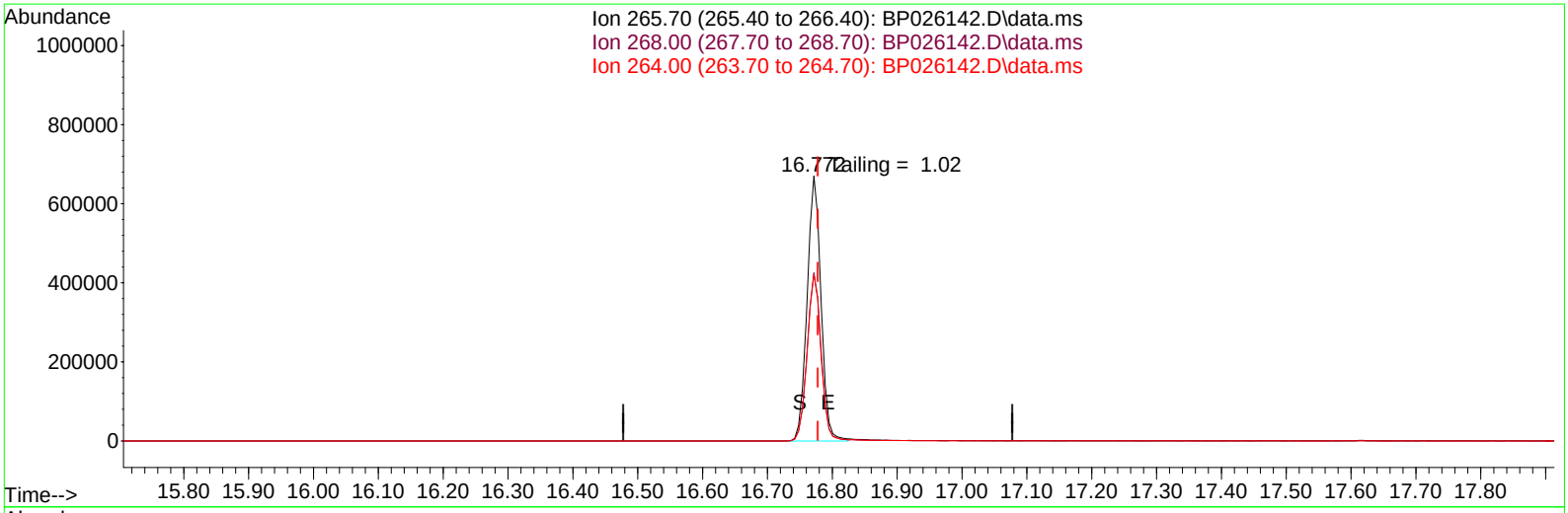
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.6 | 2891 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 175261 | PASS |
| 70 | 69 | 0.00 | 2 | 0.4 | 730 | PASS |
| 197 | 198 | 0.00 | 2 | 0.1 | 748 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 567984 | PASS |
| 199 | 198 | 5 | 9 | 6.8 | 38899 | PASS |
| 365 | 198 | 1 | 100 | 3.6 | 20169 | PASS |
| 441 | 443 | 0.01 | 150 | 79.0 | 77420 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 503872 | PASS |
| 443 | 442 | 15 | 24 | 19.5 | 98037 | PASS |

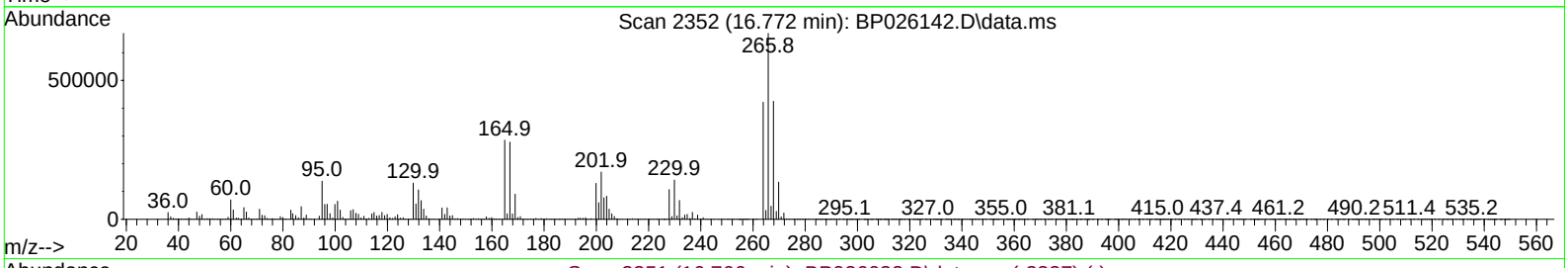
Sample Results: **BP026142.D**

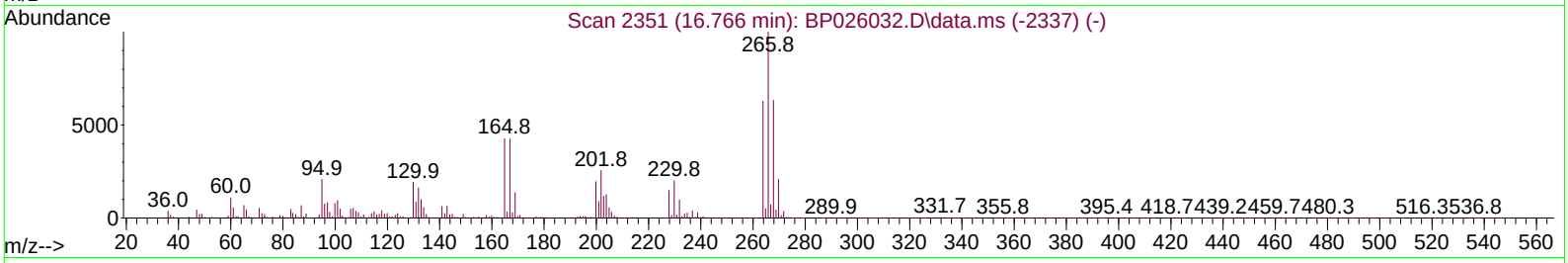
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration




TIC: BP026142.D\data.ms

**(70) Pentachlorophenol (C)**

**16.772min (-0.006) 1416102.53 ng**

**response 1013882**

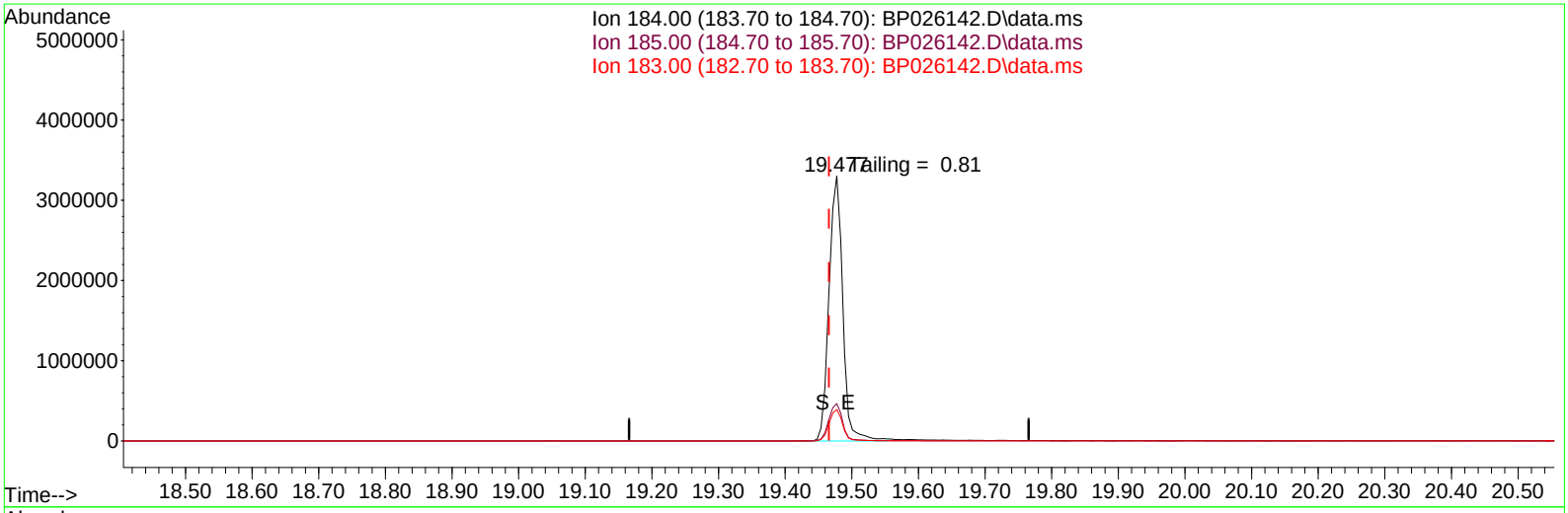
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 63.70 | 63.49 |
| 264.00 | 62.70 | 62.91 |
| 0.00 | 0.00 | 0.00 |

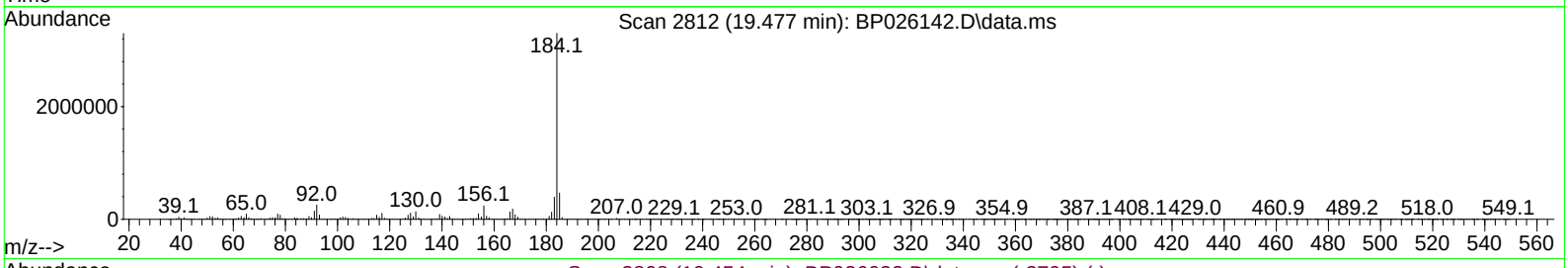
Sample Results: **BP026142.D**

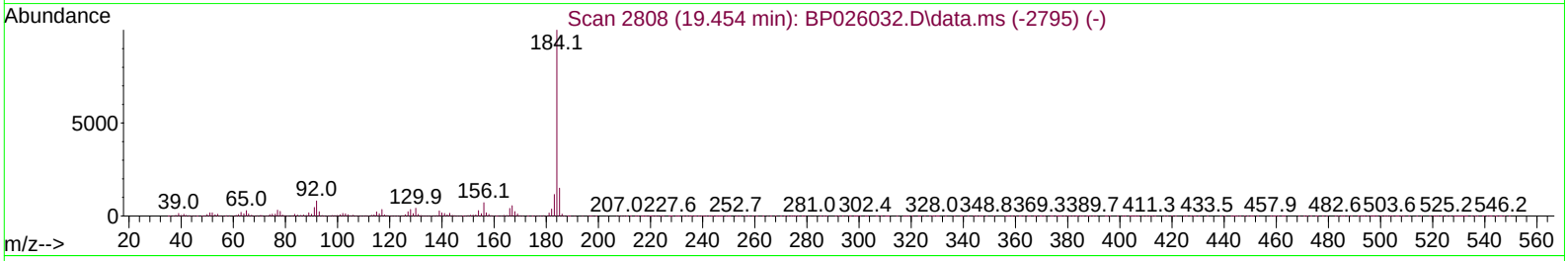
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration




TIC: BP026142.D\data.ms

**(77) Benzidine**

**19.477min (+ 0.012) 743702.57 ng**

**response 4726021**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.10 | 14.13 |
| 183.00 | 11.30 | 11.87 |
| 0.00 | 0.00 | 0.00 |

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 11/18/2025 | BNA_P | BP026142.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 2472778 | 20.777 |
| DDD | 49260 | 20.377 |
| DDE | 4029 | 19.789 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 53289 | 2526067 | 2.11 |
| | | |

Instrument :
BNA_P
ClientSampleId :
DFTPP

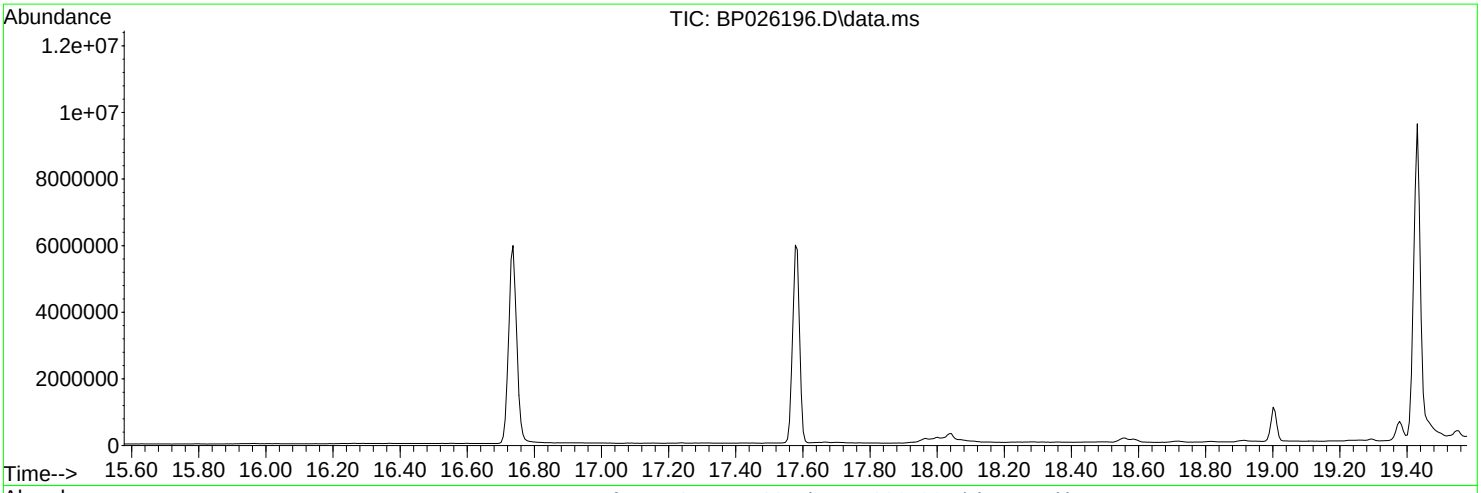
Sample Results: **BP026196.D**

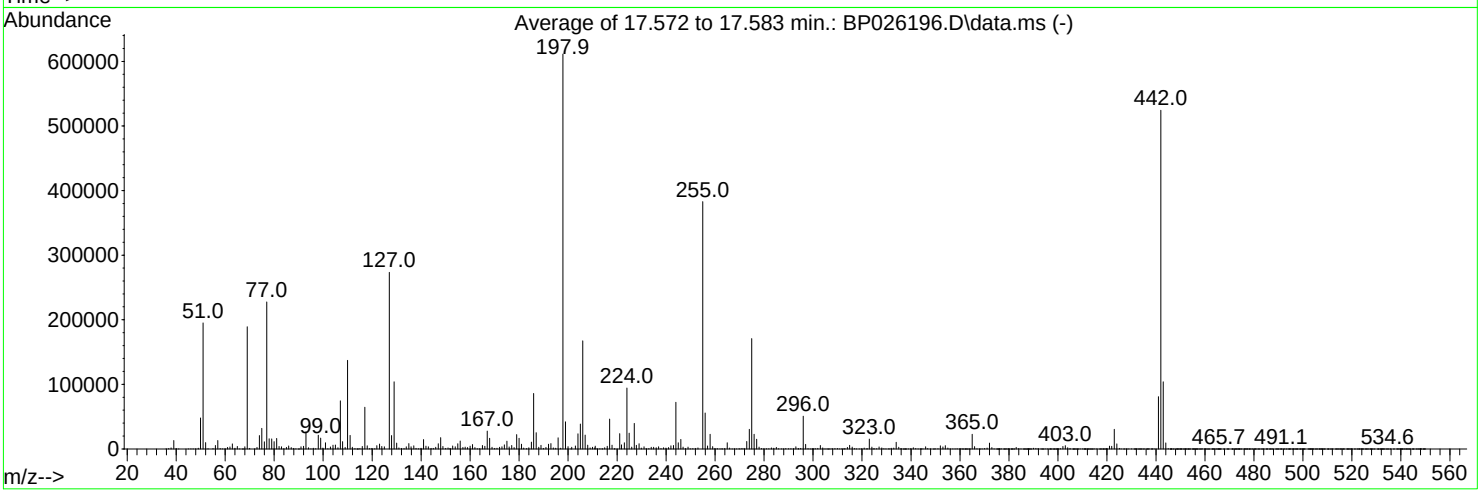
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026196.D
Acq On : 01 Dec 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025




AutoFind: Scans 2488, 2489, 2490; Background Corrected with Scan 2478

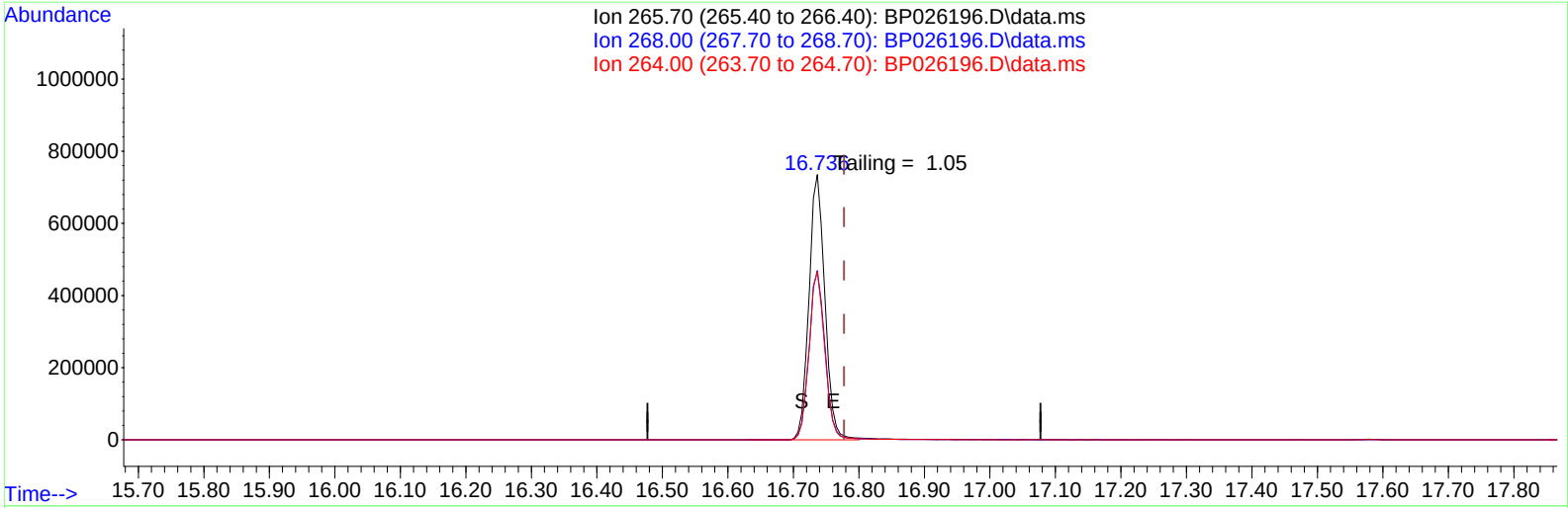
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.8 | 3456 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 189224 | PASS |
| 70 | 69 | 0.00 | 2 | 0.4 | 845 | PASS |
| 197 | 198 | 0.00 | 2 | 0.2 | 1172 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 611343 | PASS |
| 199 | 198 | 5 | 9 | 6.9 | 42128 | PASS |
| 365 | 198 | 1 | 100 | 3.7 | 22761 | PASS |
| 441 | 443 | 0.01 | 150 | 77.9 | 80939 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 524437 | PASS |
| 443 | 442 | 15 | 24 | 19.8 | 103887 | PASS |

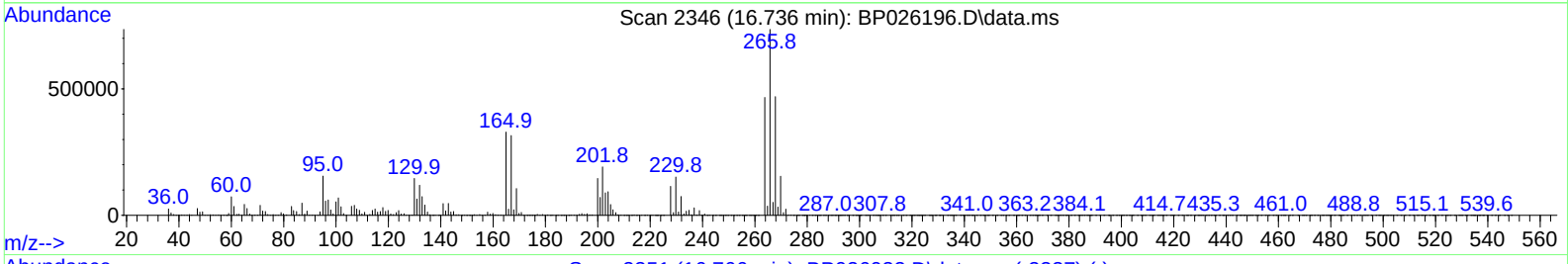
Sample Results: **BP026196.D**

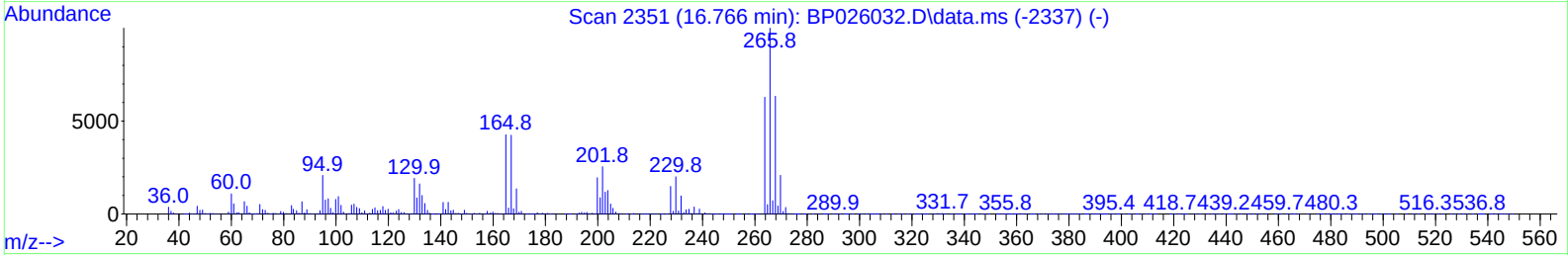
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026196.D
Acq On : 01 Dec 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Dec 01 13:09:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration




TIC: BP026196.D\data.ms

**(70) Pentachlorophenol (C)**

**16.736min (-0.041) 24101.08 ng**

**response 1253121**

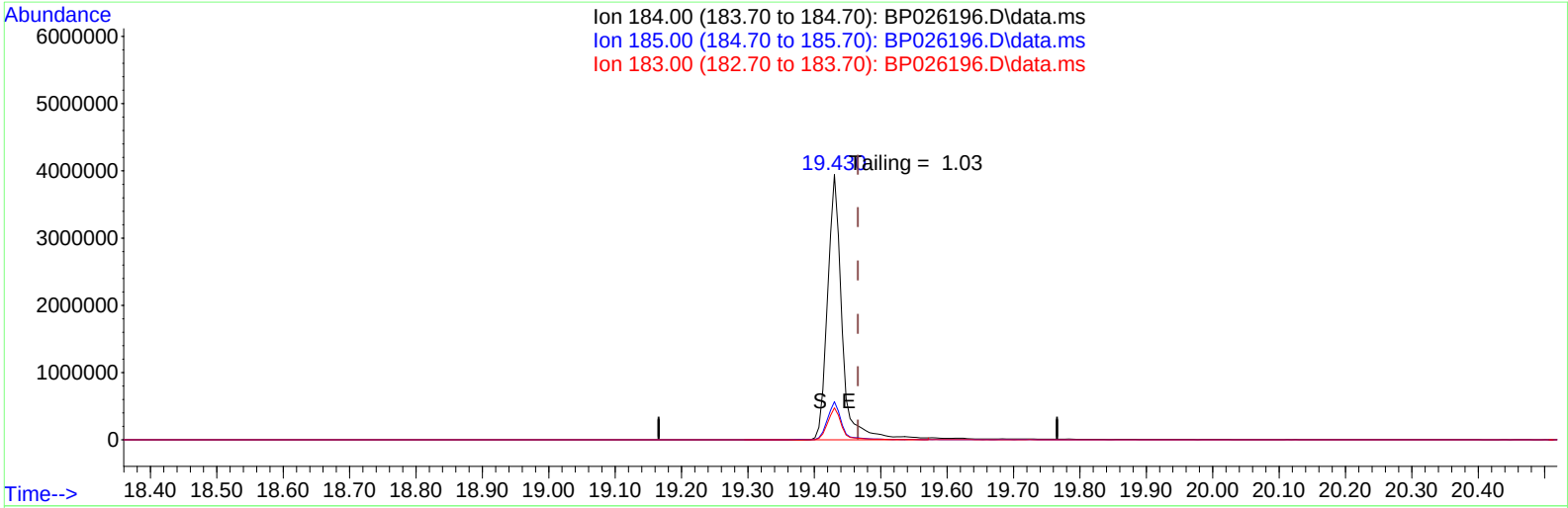
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 63.70 | 63.81 |
| 264.00 | 62.70 | 63.39 |
| 0.00 | 0.00 | 0.00 |

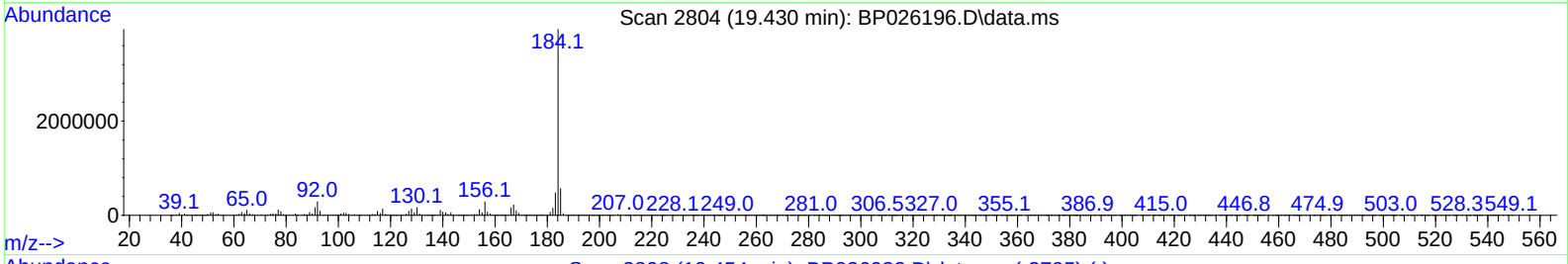
Sample Results: **BP026196.D**

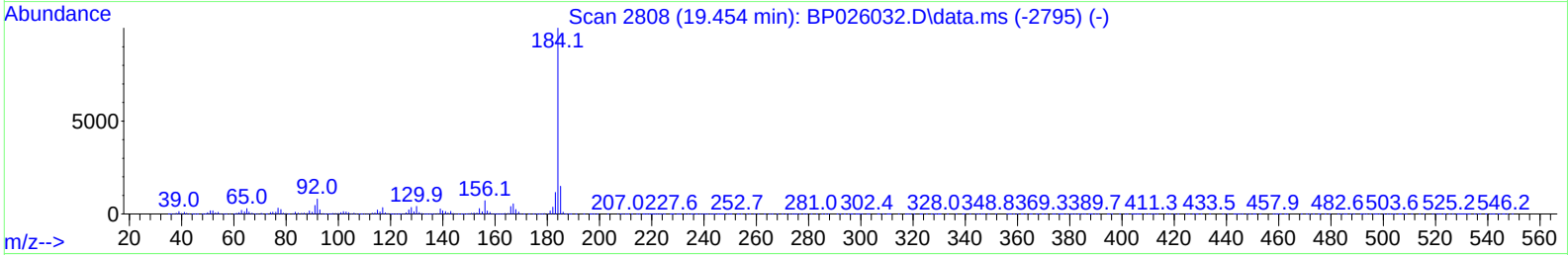
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026196.D
Acq On : 01 Dec 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Dec 01 13:09:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration




TIC: BP026196.D\data.ms

**(77) Benzidine**

**19.430min (-0.035) 1977.46 ng**

**response 5896454**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.10 | 14.37 |
| 183.00 | 11.30 | 12.08 |
| 0.00 | 0.00 | 0.00 |

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 12/1/2025 | BNA_P | BP026196.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 2964416 | 20.742 |
| DDD | 50794 | 20.271 |
| DDE | 6617 | 19.736 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 57411 | 3021827 | 1.90 |
| | | |

Instrument :
BNA_P
ClientSampleId :
DFTPP

Raw Data: **BF144359.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | |
| Project: | Saddler Property | | | Date Received: | |
| Client Sample ID: | PB170735BL | | | SDG No.: | Q3719 |
| Lab Sample ID: | PB170735BL | | | 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 : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 160 | U | 1 | 160 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 108-95-2 | Phenol | 22.1 | U | 1 | 22.1 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 24.3 | U | 1 | 24.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 24.4 | U | 1 | 24.4 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 95-48-7 | 2-Methylphenol | 29.9 | U | 1 | 29.9 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 37.5 | U | 1 | 37.5 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 98-86-2 | Acetophenone | 29.5 | U | 1 | 29.5 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 41.1 | U | 1 | 41.1 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 47.4 | U | 1 | 47.4 | 80.0 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 67-72-1 | Hexachloroethane | 17.6 | U | 1 | 17.6 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 98-95-3 | Nitrobenzene | 18.3 | U | 1 | 18.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 78-59-1 | Isophorone | 32.8 | U | 1 | 32.8 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 58.2 | U | 1 | 58.2 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 64.8 | U | 1 | 64.8 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 30.8 | U | 1 | 30.8 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 28.3 | U | 1 | 28.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 91-20-3 | Naphthalene | 22.7 | U | 1 | 22.7 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 35.4 | U | 1 | 35.4 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 25.3 | U | 1 | 25.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 105-60-2 | Caprolactam | 52.1 | U | 1 | 52.1 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 28.7 | U | 1 | 28.7 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 25.6 | U | 1 | 25.6 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 120 | U | 1 | 120 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 19.8 | U | 1 | 19.8 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 29.1 | U | 1 | 29.1 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 21.8 | U | 1 | 21.8 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 22.5 | U | 1 | 22.5 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 48.1 | U | 1 | 48.1 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 131-11-3 | Dimethylphthalate | 27.1 | U | 1 | 27.1 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 208-96-8 | Acenaphthylene | 28.9 | U | 1 | 28.9 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 33.6 | U | 1 | 33.6 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 46.0 | U | 1 | 46.0 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 83-32-9 | Acenaphthene | 21.3 | U | 1 | 21.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 230 | U | 1 | 230 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 110 | U | 1 | 110 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 132-64-9 | Dibenzofuran | 22.7 | U | 1 | 22.7 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 50.1 | U | 1 | 50.1 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 84-66-2 | Diethylphthalate | 28.3 | U | 1 | 28.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 26.7 | U | 1 | 26.7 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 86-73-7 | Fluorene | 25.3 | U | 1 | 25.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 64.2 | U | 1 | 64.2 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 100 | U | 1 | 100 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |

Raw Data: **BF144359.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | |
| Project: | Saddler Property | | | Date Received: | |
| Client Sample ID: | PB170735BL | | | SDG No.: | Q3719 |
| Lab Sample ID: | PB170735BL | | | 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 : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 32.9 | U | 1 | 32.9 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 27.8 | U | 1 | 27.8 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 25.3 | U | 1 | 25.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 1912-24-9 | Atrazine | 34.0 | U | 1 | 34.0 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 87-86-5 | Pentachlorophenol | 51.3 | U | 1 | 51.3 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 85-01-8 | Phenanthrene | 20.9 | U | 1 | 20.9 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 120-12-7 | Anthracene | 33.3 | U | 1 | 33.3 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 86-74-8 | Carbazole | 31.2 | U | 1 | 31.2 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 47.9 | U | 1 | 47.9 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 206-44-0 | Fluoranthene | 30.0 | U | 1 | 30.0 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 129-00-0 | Pyrene | 36.0 | U | 1 | 36.0 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 71.4 | U | 1 | 71.4 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 36.7 | U | 1 | 36.7 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 23.0 | U | 1 | 23.0 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 218-01-9 | Chrysene | 19.9 | U | 1 | 19.9 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 59.2 | U | 1 | 59.2 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 86.8 | U | 1 | 86.8 | 330 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 19.0 | U | 1 | 19.0 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 22.4 | U | 1 | 22.4 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 29.5 | U | 1 | 29.5 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 29.1 | U | 1 | 29.1 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 27.4 | U | 1 | 27.4 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 25.7 | U | 1 | 25.7 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 25.6 | U | 1 | 25.6 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 45.2 | U | 1 | 45.2 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 27.4 | U | 1 | 27.4 | 170 | ug/Kg | 11/26/25 14:00 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 112 | | | 10 - 105 | 74% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 113 | | | 10 - 103 | 75% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 74.9 | | | 10 - 108 | 75% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 75.6 | | | 10 - 108 | 76% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 112 | | | 10 - 116 | 75% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 84.2 | | | 10 - 109 | 84% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 62900 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 250000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 143000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 260000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 152000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 186000 | | | | | | | |

Raw Data: **BF144359.D**

Alliance TECHNICAL GROUP

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | |
| Project: | Saddler Property | | | Date Received: | |
| Client Sample ID: | PB170735BL | | | SDG No.: | Q3719 |
| Lab Sample ID: | PB170735BL | | | 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 : | SW3541 | Prep Date: | 11/25/25 | | |

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Quant Time: Nov 26 14:20:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

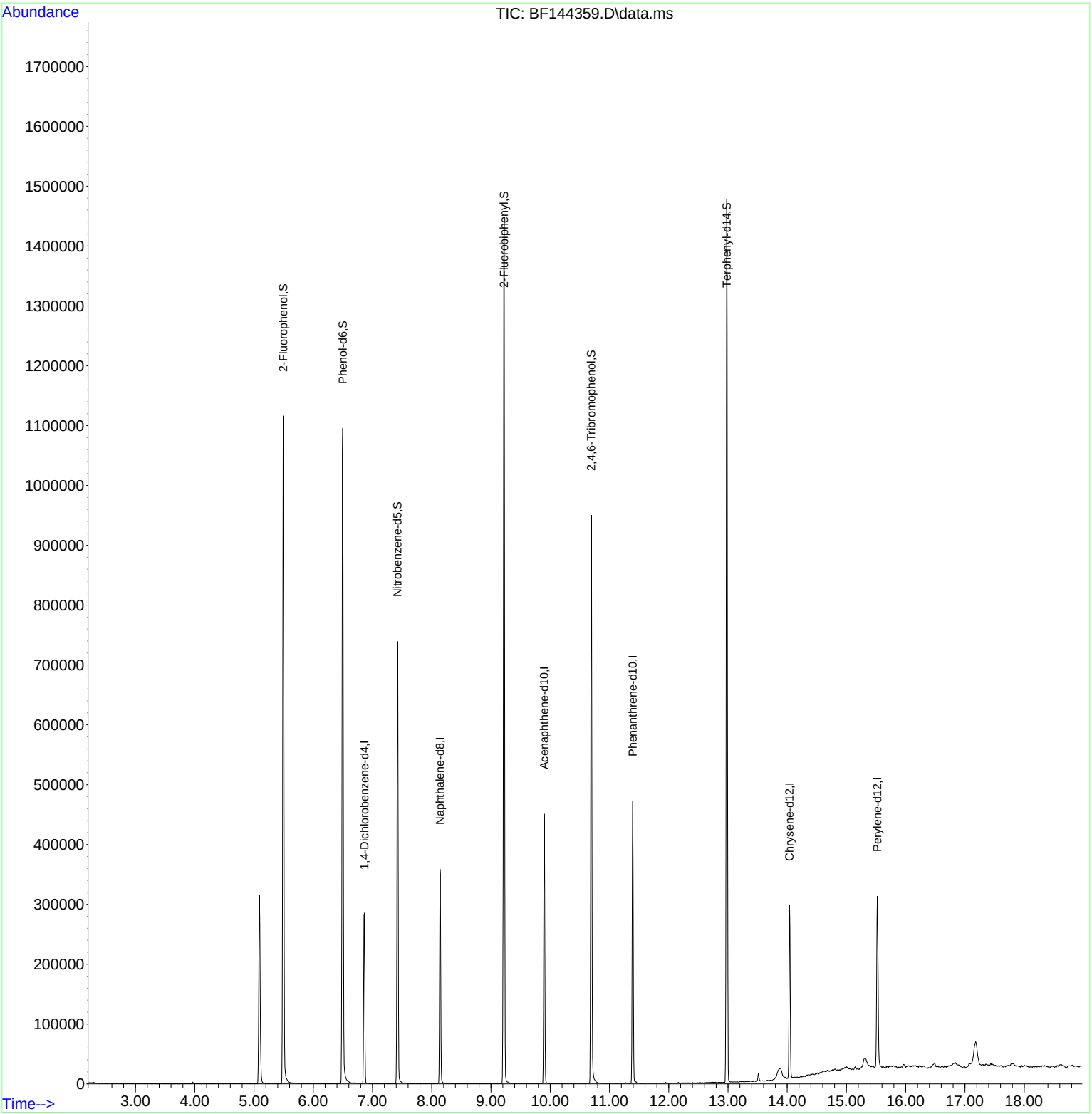
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 62889 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.140 | 136 | 250119 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 143140 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 260449 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 152468 | 20.000 | ng | #-0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 186363 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 448236 | 111.535 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 515544 | 113.217 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 324549 | 74.942 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 202022 | 112.469 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 732415 | 75.571 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 807922 | 84.169 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |

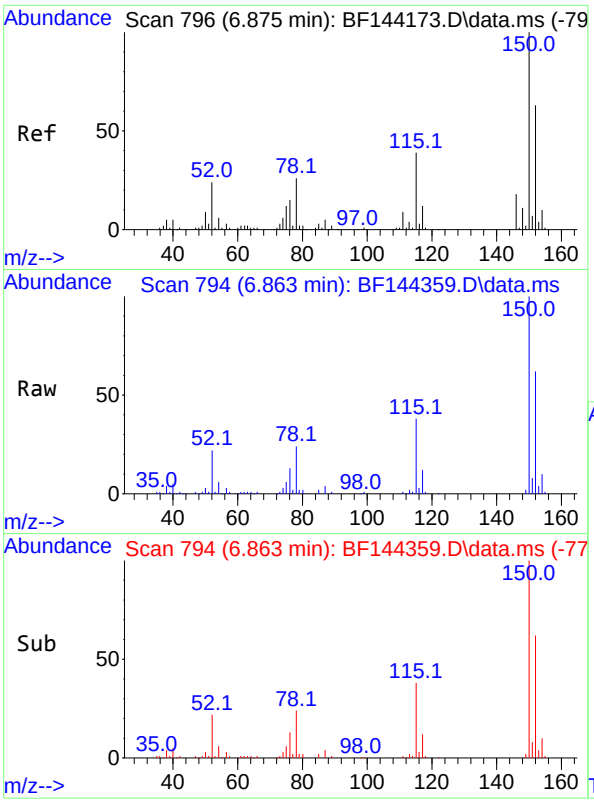
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Quant Time: Nov 26 14:20:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



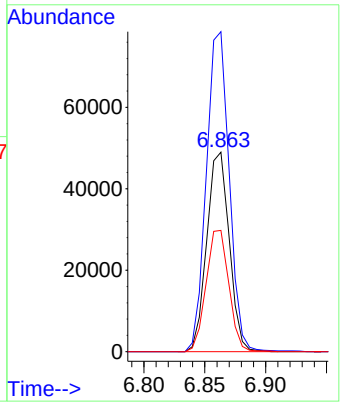


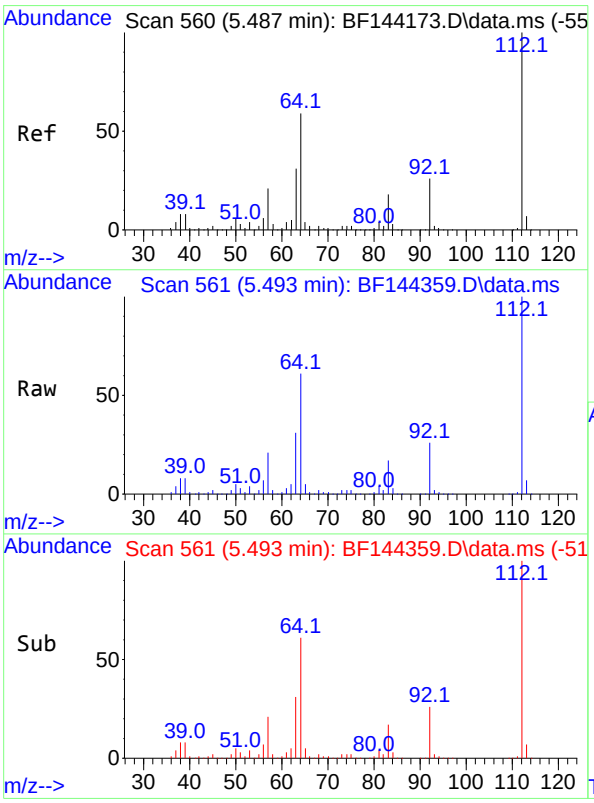

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Tgt Ion:152 Resp: 62889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.3 | 127.4 | 191.0 |
| 115 | 60.8 | 49.5 | 74.3 |

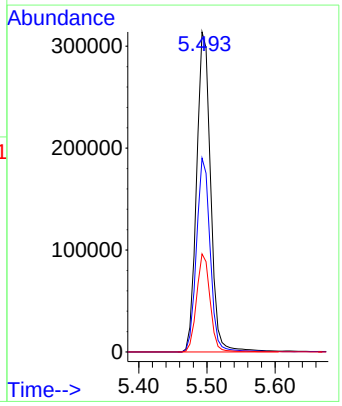


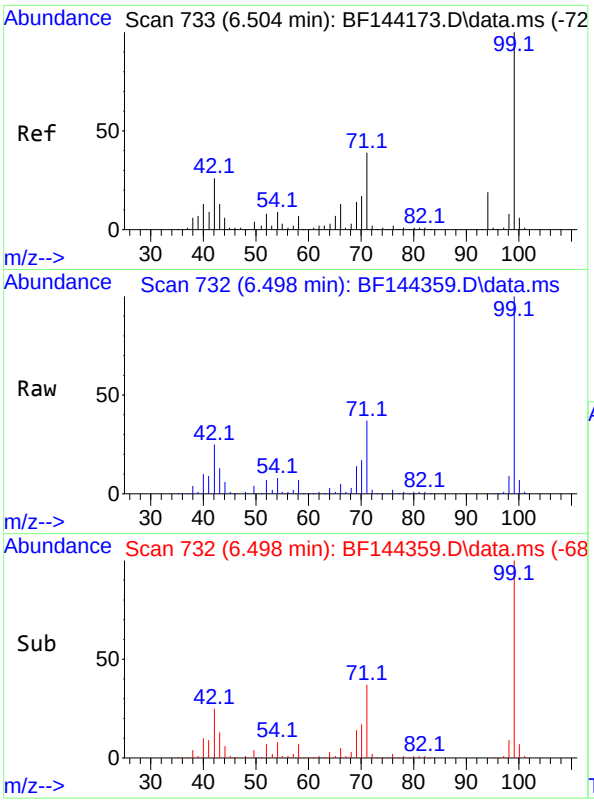




#5
2-Fluorophenol
Concen: 111.535 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:112 Resp: 448236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.6 | 47.2 | 70.8 |
| 63 | 30.7 | 24.4 | 36.6 |



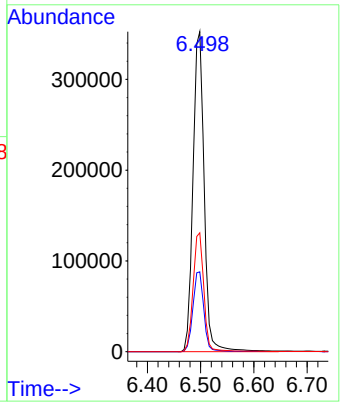


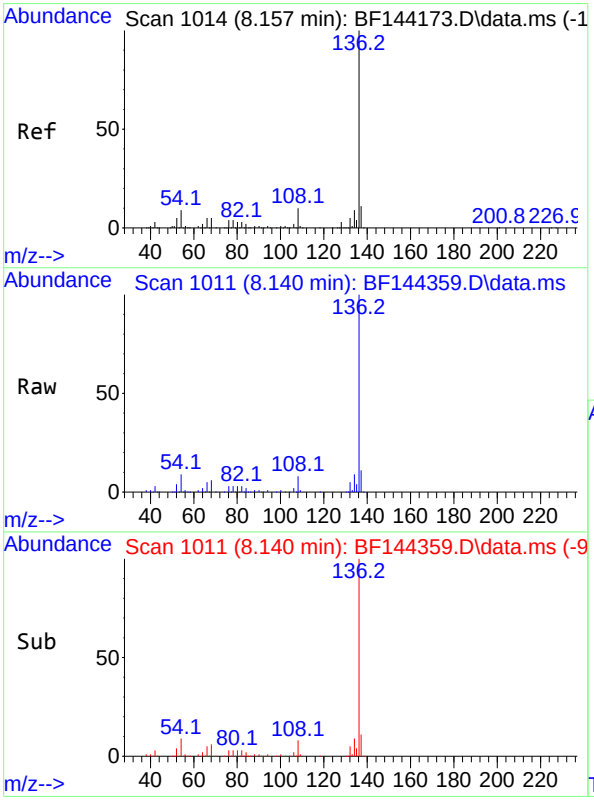

#7
Phenol-d6
Concen: 113.217 ng
RT: 6.498 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Tgt Ion: 99 Resp: 515544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.0 | 20.9 | 31.3 |
| 71 | 37.1 | 31.4 | 47.2 |

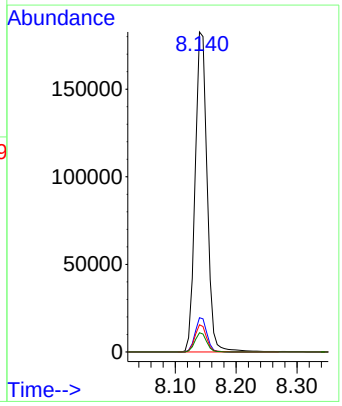


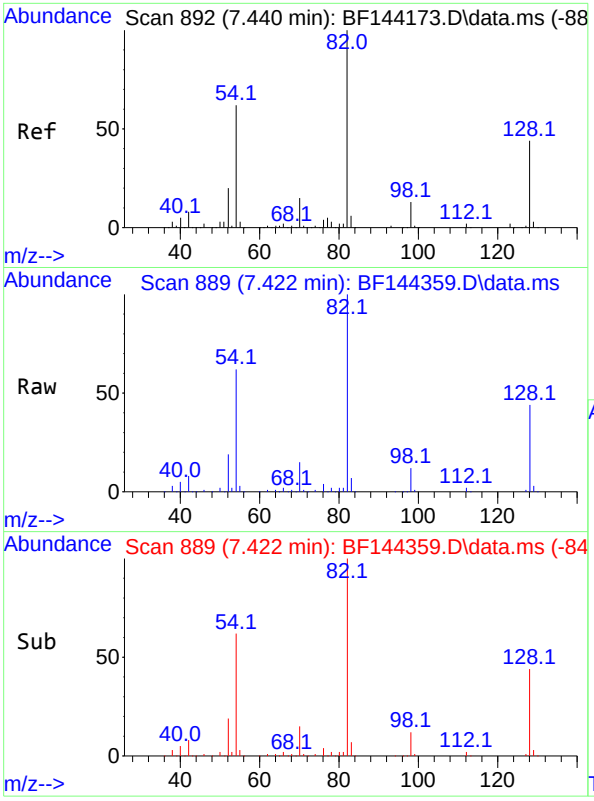




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:136 Resp: 250119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 8.5 | 7.0 | 10.6 |
| 68 | 6.0 | 4.3 | 6.5 |



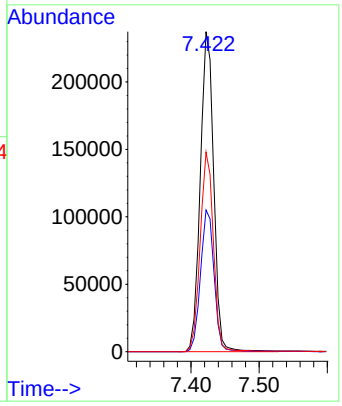


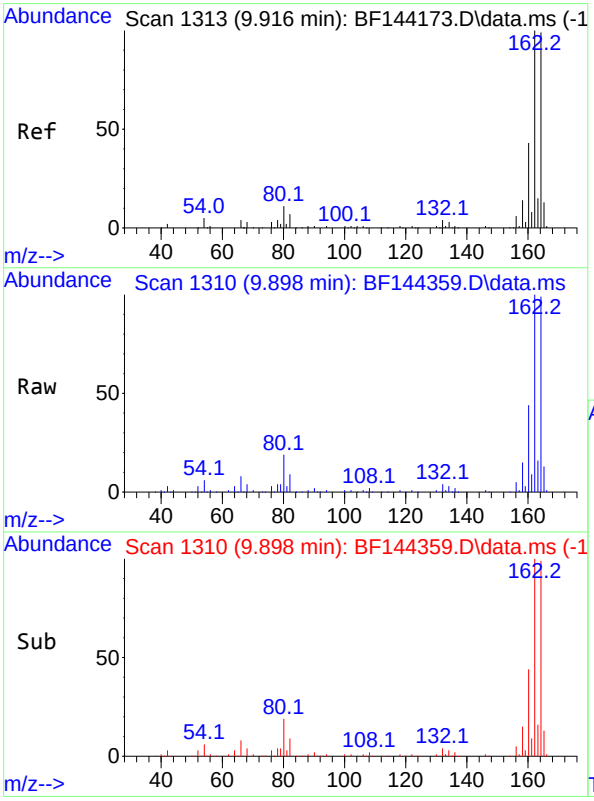

#23
Nitrobenzene-d5
Concen: 74.942 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Tgt Ion: 82 Resp: 324549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.2 | 34.7 | 52.1 |
| 54 | 62.4 | 49.5 | 74.3 |

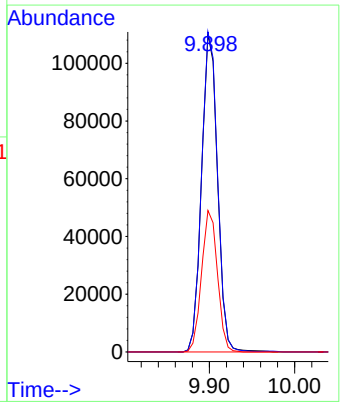


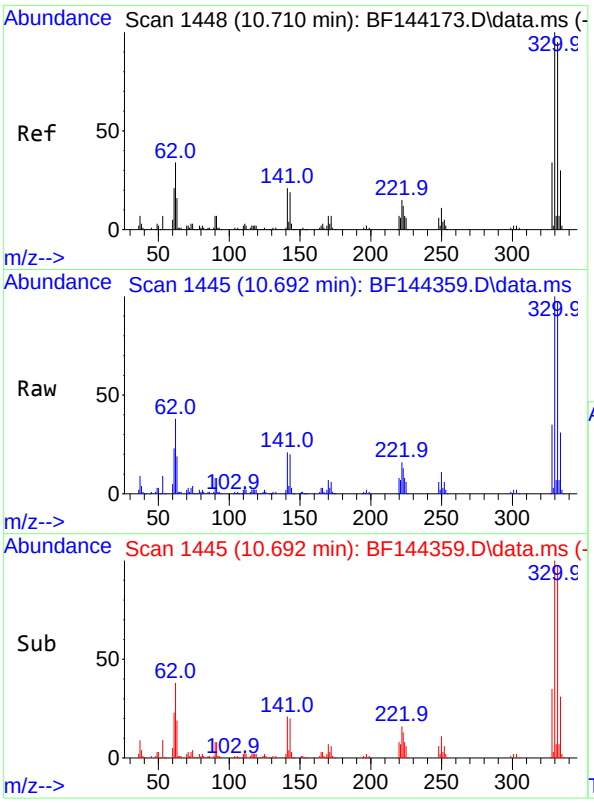




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:164 Resp: 143140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 81.1 | 121.7 |
| 160 | 44.6 | 34.5 | 51.7 |



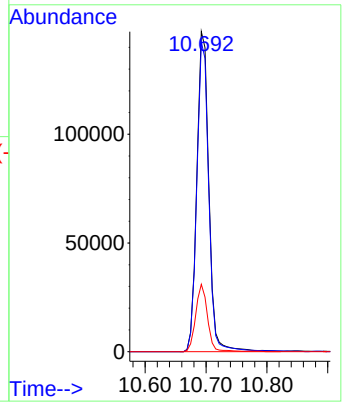


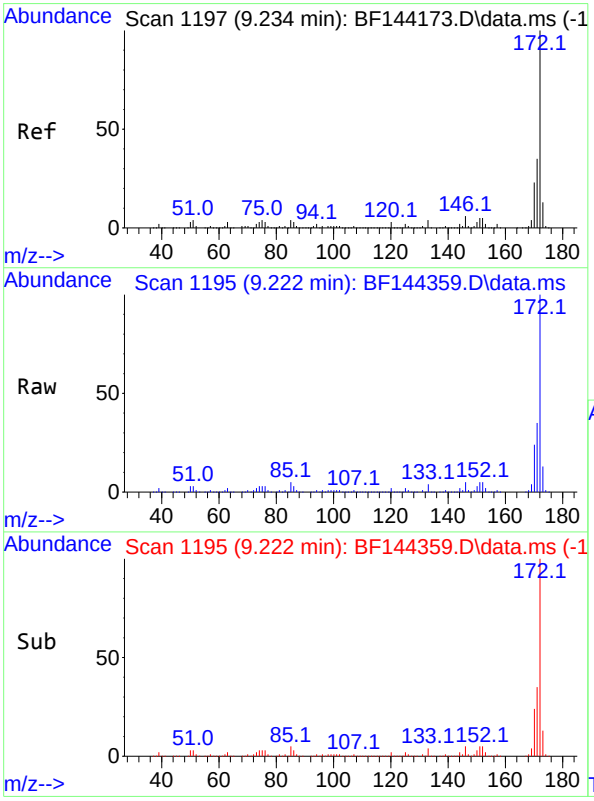

#42
2,4,6-Tribromophenol
Concen: 112.469 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Tgt Ion:330 Resp: 202022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.7 | 115.1 |
| 141 | 20.6 | 17.8 | 26.8 |

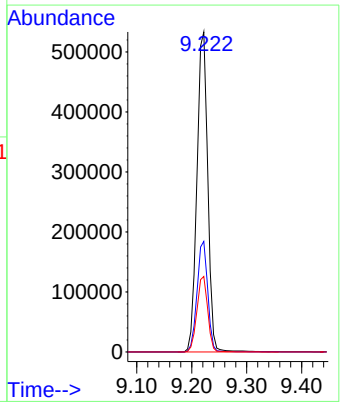


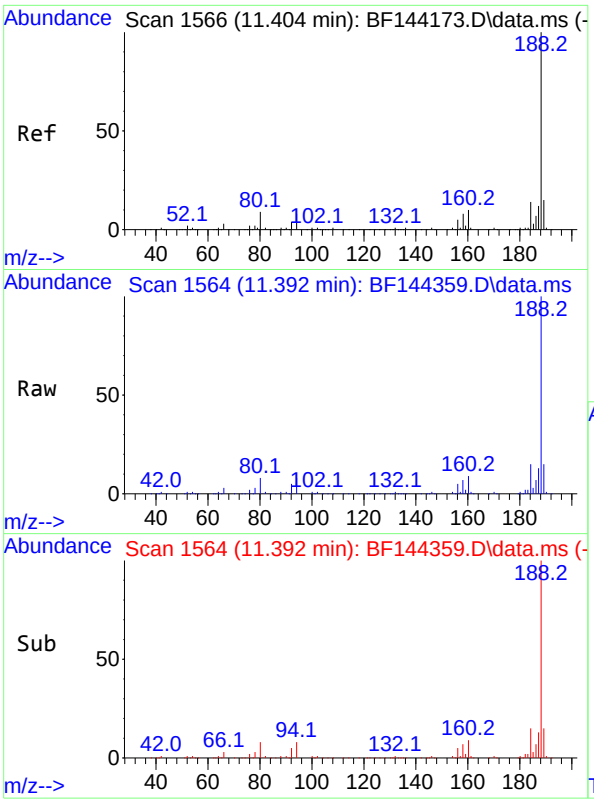




#45
2-Fluorobiphenyl
Concen: 75.571 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:172 Resp: 732415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.1 | 42.1 |
| 170 | 23.6 | 18.6 | 28.0 |



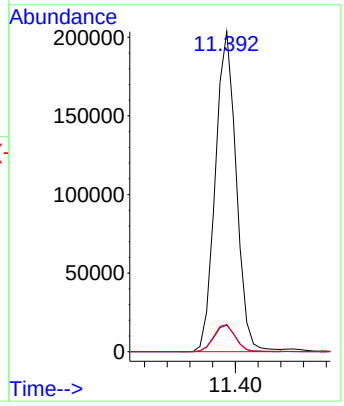


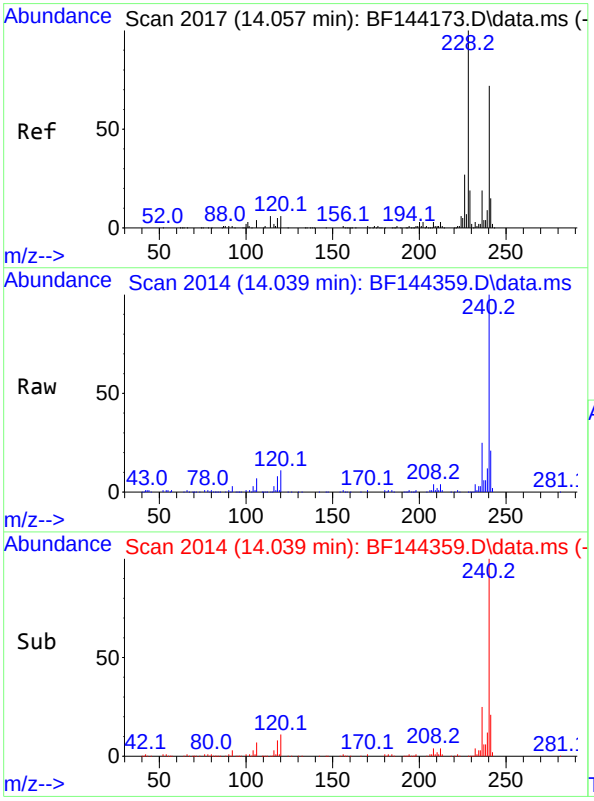

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Tgt Ion:188 Resp: 260449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 6.2 | 9.2 |
| 80 | 8.5 | 6.9 | 10.3 |

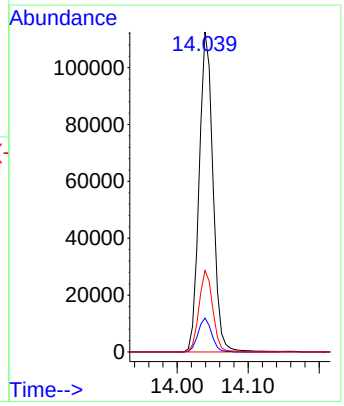


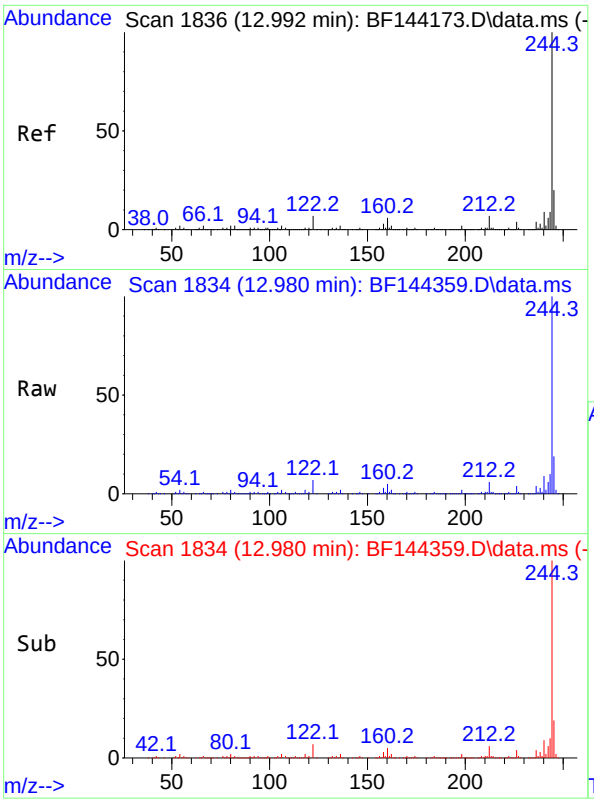




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:240 Resp: 152468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 6.6 | 10.0# |
| 236 | 25.4 | 21.4 | 32.2 |



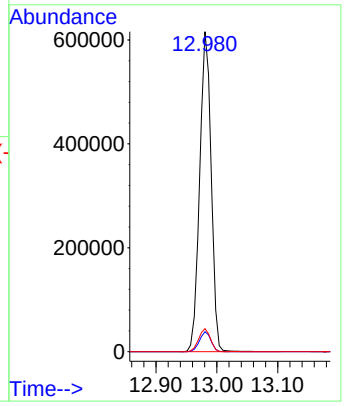


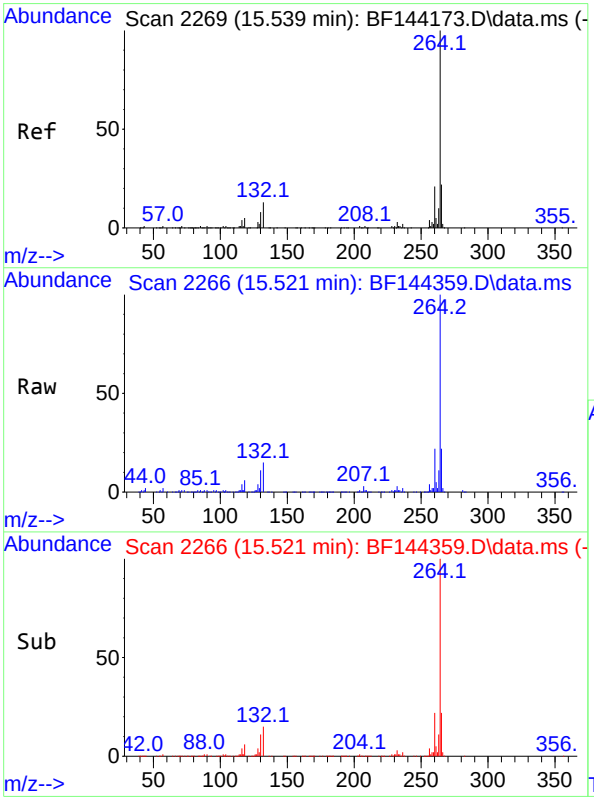

#79
Terphenyl-d14
Concen: 84.169 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Tgt Ion:244 Resp: 807922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.3 | 7.9 |
| 122 | 7.2 | 5.6 | 8.4 |

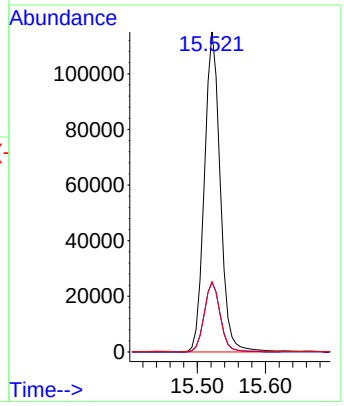



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:264 Resp: 186363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.8 | 17.1 | 25.7 |
| 265 | 22.0 | 17.4 | 26.0 |



Sample Results: **BF144359.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144359.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.093 | 486 | 493 | 511 | rBV | 315959 | 508465 | 26.01% | 3.934% |
| 2 | 5.493 | 556 | 561 | 590 | rBV | 1115698 | 1556363 | 79.61% | 12.042% |
| 3 | 6.498 | 726 | 732 | 751 | rBV | 1095602 | 1570333 | 80.32% | 12.151% |
| 4 | 6.863 | 789 | 794 | 801 | rBV | 283681 | 367528 | 18.80% | 2.844% |
| 5 | 7.422 | 883 | 889 | 908 | rBV | 739135 | 1011102 | 51.72% | 7.823% |
| 6 | 8.140 | 1006 | 1011 | 1020 | rBV | 358323 | 479865 | 24.54% | 3.713% |
| 7 | 9.222 | 1188 | 1195 | 1200 | rBV | 1440340 | 1955055 | 100.00% | 15.127% |
| 8 | 9.898 | 1305 | 1310 | 1318 | rBV | 450737 | 579329 | 29.63% | 4.483% |
| 9 | 10.692 | 1440 | 1445 | 1467 | rBV | 949877 | 1274674 | 65.20% | 9.863% |
| 10 | 11.392 | 1559 | 1564 | 1571 | rBV | 471931 | 600241 | 30.70% | 4.644% |
| 11 | 12.980 | 1828 | 1834 | 1839 | rBV | 1476203 | 1930217 | 98.73% | 14.935% |
| 12 | 13.880 | 1971 | 1987 | 1999 | rBV6 | 17962 | 94361 | 4.83% | 0.730% |
| 13 | 14.039 | 2009 | 2014 | 2021 | rBV | 289013 | 385924 | 19.74% | 2.986% |
| 14 | 15.521 | 2260 | 2266 | 2279 | rVB | 286158 | 461387 | 23.60% | 3.570% |
| 15 | 17.180 | 2541 | 2548 | 2564 | rVB2 | 39181 | 149123 | 7.63% | 1.154% |

Sum of corrected areas: 12923967

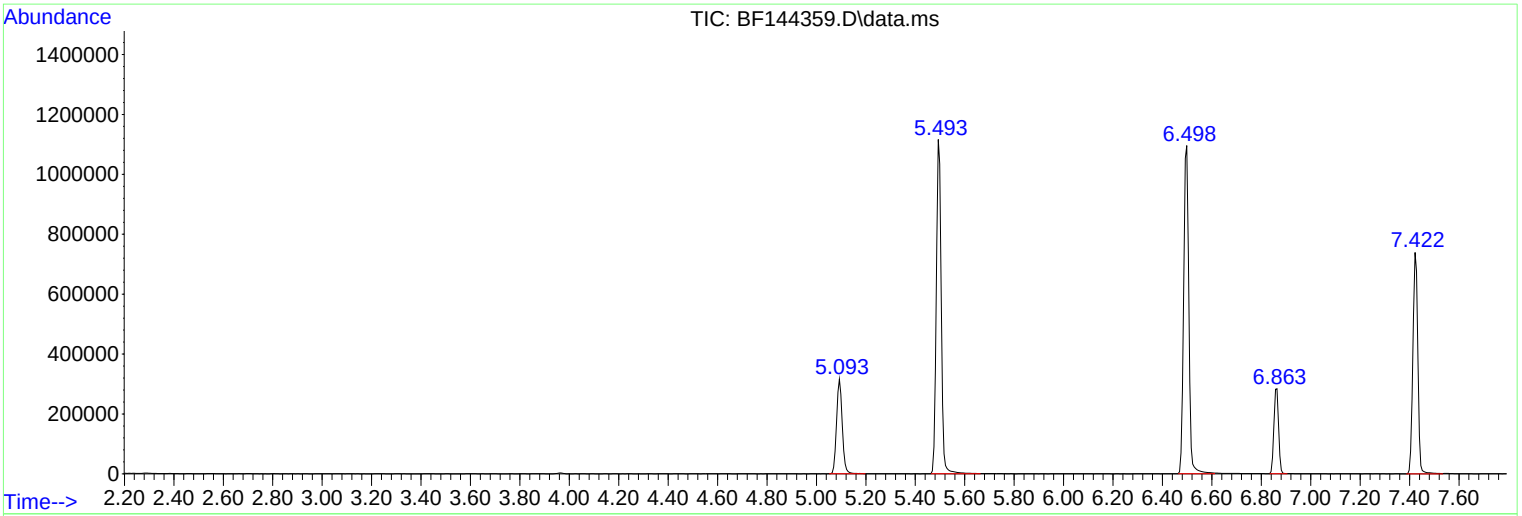
Sample Results: **BF144359.D**

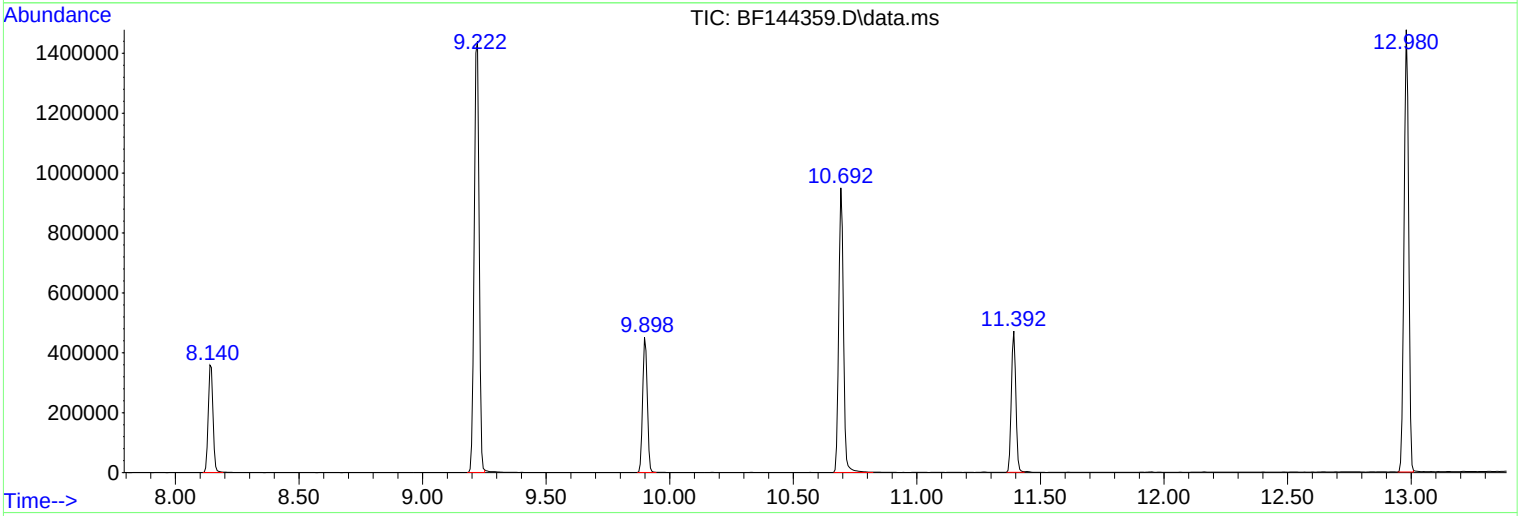
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

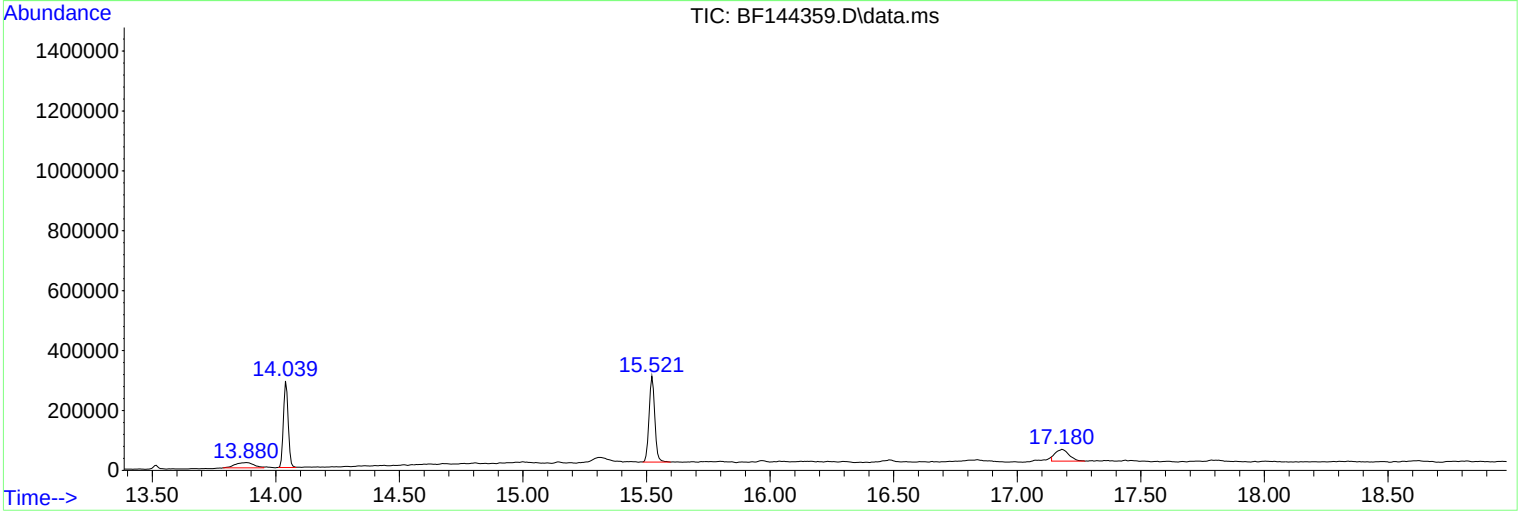
**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p



Library Search Compound Report

Sample Results: **BF144359.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

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

Raw Data: **BF144360.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | |
| Project: | Saddler Property | | | Date Received: | |
| Client Sample ID: | PB170735BS | | | SDG No.: | Q3719 |
| Lab Sample ID: | PB170735BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 1600 | | 1 | 160 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 108-95-2 | Phenol | 1300 | | 1 | 22.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1500 | | 1 | 24.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 1500 | | 1 | 24.4 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 95-48-7 | 2-Methylphenol | 1400 | | 1 | 29.9 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1500 | | 1 | 37.5 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 98-86-2 | Acetophenone | 1500 | | 1 | 29.5 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 1400 | | 1 | 41.1 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1400 | | 1 | 47.4 | 79.9 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 67-72-1 | Hexachloroethane | 1400 | | 1 | 17.6 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 98-95-3 | Nitrobenzene | 1400 | | 1 | 18.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 78-59-1 | Isophorone | 1500 | | 1 | 32.8 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 1500 | | 1 | 58.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 1600 | | 1 | 64.7 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1500 | | 1 | 30.8 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 1400 | | 1 | 28.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 91-20-3 | Naphthalene | 1400 | | 1 | 22.7 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 860 | | 1 | 35.4 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 1300 | | 1 | 25.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 105-60-2 | Caprolactam | 1500 | | 1 | 52.0 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 1400 | | 1 | 28.7 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 1300 | | 1 | 25.6 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 2500 | | 1 | 120 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | | 1 | 19.8 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1300 | | 1 | 29.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 1600 | | 1 | 21.8 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 1400 | | 1 | 22.5 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 1400 | | 1 | 48.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 131-11-3 | Dimethylphthalate | 1500 | | 1 | 27.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 208-96-8 | Acenaphthylene | 1600 | | 1 | 28.9 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 1500 | | 1 | 33.6 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 1100 | | 1 | 46.0 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 83-32-9 | Acenaphthene | 1300 | | 1 | 21.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 2600 | | 1 | 230 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 2100 | | 1 | 110 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 132-64-9 | Dibenzofuran | 1400 | | 1 | 22.7 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 1400 | | 1 | 50.0 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 84-66-2 | Diethylphthalate | 1400 | | 1 | 28.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1300 | | 1 | 26.7 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 86-73-7 | Fluorene | 1400 | | 1 | 25.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 1300 | | 1 | 64.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1400 | | 1 | 100 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |

Raw Data: **BF144360.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | |
| Project: | Saddler Property | | | Date Received: | |
| Client Sample ID: | PB170735BS | | | SDG No.: | Q3719 |
| Lab Sample ID: | PB170735BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 1500 | | 1 | 32.9 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 1400 | | 1 | 27.8 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 1400 | | 1 | 25.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 1912-24-9 | Atrazine | 1500 | | 1 | 34.0 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 87-86-5 | Pentachlorophenol | 2700 | | 1 | 51.2 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 85-01-8 | Phenanthrene | 1400 | | 1 | 20.9 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 120-12-7 | Anthracene | 1400 | | 1 | 33.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 86-74-8 | Carbazole | 1400 | | 1 | 31.2 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 1500 | | 1 | 47.9 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 206-44-0 | Fluoranthene | 1400 | | 1 | 30.0 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 129-00-0 | Pyrene | 1400 | | 1 | 36.0 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 1500 | | 1 | 71.3 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 1200 | | 1 | 36.7 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 1500 | | 1 | 23.0 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 218-01-9 | Chrysene | 1400 | | 1 | 19.9 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1600 | | 1 | 59.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 1700 | | 1 | 86.7 | 330 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 1800 | | 1 | 19.0 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 1500 | | 1 | 22.4 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 1700 | | 1 | 29.5 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1500 | | 1 | 29.1 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1600 | | 1 | 27.4 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 1600 | | 1 | 25.7 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1500 | | 1 | 25.6 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 1300 | | 1 | 45.2 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1400 | | 1 | 27.4 | 170 | ug/Kg | 11/26/25 14:30 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 112 | | | 10 - 105 | 75% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 113 | | | 10 - 103 | 76% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 77.9 | | | 10 - 108 | 78% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 77.8 | | | 10 - 108 | 78% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 107 | | | 10 - 116 | 72% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 76.5 | | | 10 - 109 | 76% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 62500 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 243000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 133000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 216000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 135000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 165000 | | | | | | | |

Raw Data: **BF144360.D**

Alliance TECHNICAL GROUP

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | |
| Project: | Saddler Property | | | Date Received: | |
| Client Sample ID: | PB170735BS | | | SDG No.: | Q3719 |
| Lab Sample ID: | PB170735BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144360.D
Acq On : 26 Nov 2025 14:30
Operator : RC/JU
Sample : PB170735BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 14:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 62512 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 243072 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 133431 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 215808 | 20.000 | ng | #-0.01 |
| 76) Chrysene-d12 | 14.045 | 240 | 134794 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 165299 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 447382 | 111.994 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 512886 | 113.312 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 328025 | 77.940 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 179624 | 107.276 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 702806 | 77.793 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 649091 | 76.489 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.669 | 88 | 63396 | 38.386 | ng | 97 |
| 3) Pyridine | 3.446 | 79 | 162211 | 35.205 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.387 | 42 | 96312 | 40.018 | ng | 85 |
| 6) Aniline | 6.528 | 93 | 201632 | 31.266 | ng | # 87 |
| 8) 2-Chlorophenol | 6.651 | 128 | 171879 | 43.874 | ng | 97 |
| 9) Benzaldehyde | 6.416 | 77 | 124314 | 48.638 | ng | 99 |
| 10) Phenol | 6.516 | 94 | 224044 | 40.513 | ng | 86 |
| 11) bis(2-Chloroethyl)ether | 6.598 | 93 | 178307 | 44.249 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 198783 | 41.121 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 203695 | 42.059 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.034 | 146 | 196702 | 42.375 | ng | 99 |
| 15) Benzyl Alcohol | 7.004 | 79 | 154241 | 43.035 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 337314 | 45.456 | ng | 90 |
| 17) 2-Methylphenol | 7.122 | 107 | 133053 | 42.692 | ng | 96 |
| 18) Hexachloroethane | 7.369 | 117 | 66621 | 41.405 | ng | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 124149 | 41.665 | ng | 97 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 153173 | 41.693 | ng | 92 |
| 22) Acetophenone | 7.275 | 105 | 236329 | 45.322 | ng | 98 |
| 24) Nitrobenzene | 7.445 | 77 | 186706 | 40.858 | ng | 96 |
| 25) Isophorone | 7.687 | 82 | 348682 | 43.800 | ng | 98 |
| 26) 2-Nitrophenol | 7.763 | 139 | 99780 | 44.110 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 161642 | 47.676 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 220667 | 44.389 | ng | 98 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 161736 | 41.389 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.086 | 180 | 172217 | 42.919 | ng | 96 |
| 31) Naphthalene | 8.169 | 128 | 474435 | 41.032 | ng | 99 |
| 32) Benzoic acid | 7.934 | 122 | 116638 | 46.932 | ng | 93 |
| 33) 4-Chloroaniline | 8.216 | 127 | 109190 | 25.892 | ng | 98 |
| 34) Hexachlorobutadiene | 8.281 | 225 | 116667 | 38.579 | ng | 99 |
| 35) Caprolactam | 8.592 | 113 | 48709m | 45.497 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 146282 | 41.770 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 296221 | 38.317 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 299567 | 40.160 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 197809 | 45.235 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 122939 | 74.159 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 120737 | 40.566 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144360.D
Acq On : 26 Nov 2025 14:30
Operator : RC/JU
Sample : PB170735BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 14:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 129840 | 40.476 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 436999 | 46.919 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 327853 | 41.266 | ng | 99 |
| 48) 2-Nitroaniline | 9.445 | 65 | 98103 | 42.796 | ng | 96 |
| 49) Acenaphthylene | 9.763 | 152 | 507247 | 46.852 | ng | 100 |
| 50) Dimethylphthalate | 9.622 | 163 | 389505 | 44.064 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.692 | 165 | 83030 | 46.401 | ng | 91 |
| 52) Acenaphthene | 9.939 | 154 | 279188 | 38.562 | ng | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 61989 | 31.690 | ng | 96 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 83999 | 77.738 | ng | 98 |
| 55) Dibenzofuran | 10.110 | 168 | 420507 | 41.471 | ng | 98 |
| 56) 4-Nitrophenol | 10.033 | 139 | 91018 | 64.325 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 104056 | 43.439 | ng | 97 |
| 58) Fluorene | 10.457 | 166 | 328997 | 42.675 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 96596 | 42.562 | ng | 99 |
| 60) Diethylphthalate | 10.322 | 149 | 349165 | 42.849 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 177973 | 40.527 | ng | 99 |
| 62) 4-Nitroaniline | 10.475 | 138 | 73519 | 39.466 | ng | 90 |
| 63) Azobenzene | 10.604 | 77 | 335293 | 44.212 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 61656 | 42.055 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 318960 | 45.953 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 116495 | 42.291 | ng | 97 |
| 68) Hexachlorobenzene | 11.004 | 284 | 136422 | 42.047 | ng | 97 |
| 69) Atrazine | 11.092 | 200 | 98014 | 44.403 | ng | 98 |
| 70) Pentachlorophenol | 11.204 | 266 | 128729 | 79.676 | ng | 98 |
| 71) Phenanthrene | 11.422 | 178 | 466230 | 43.391 | ng | 99 |
| 72) Anthracene | 11.469 | 178 | 461409 | 42.232 | ng | 99 |
| 73) Carbazole | 11.627 | 167 | 388712 | 41.840 | ng | 100 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 502995 | 44.786 | ng | 98 |
| 75) Fluoranthene | 12.610 | 202 | 454684 | 40.965 | ng | 99 |
| 77) Benzidine | 12.733 | 184 | 72952 | 18.297 | ng | 99 |
| 78) Pyrene | 12.839 | 202 | 452414 | 41.627 | ng | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 168470 | 44.725 | ng | 99 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 407888 | 43.661 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 118978 | 37.154 | ng | 97 |
| 83) Chrysene | 14.068 | 228 | 371894 | 43.123 | ng | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 247038 | 47.908 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 453732 | 51.000 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 543435 | 45.798 | ng | 97 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 510236 | 54.294 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 395532 | 44.967 | ng | 99 |
| 90) Benzo(a)pyrene | 15.462 | 252 | 445511 | 51.387 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 451681 | 47.398 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 453226 | 48.162 | ng | 98 |

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

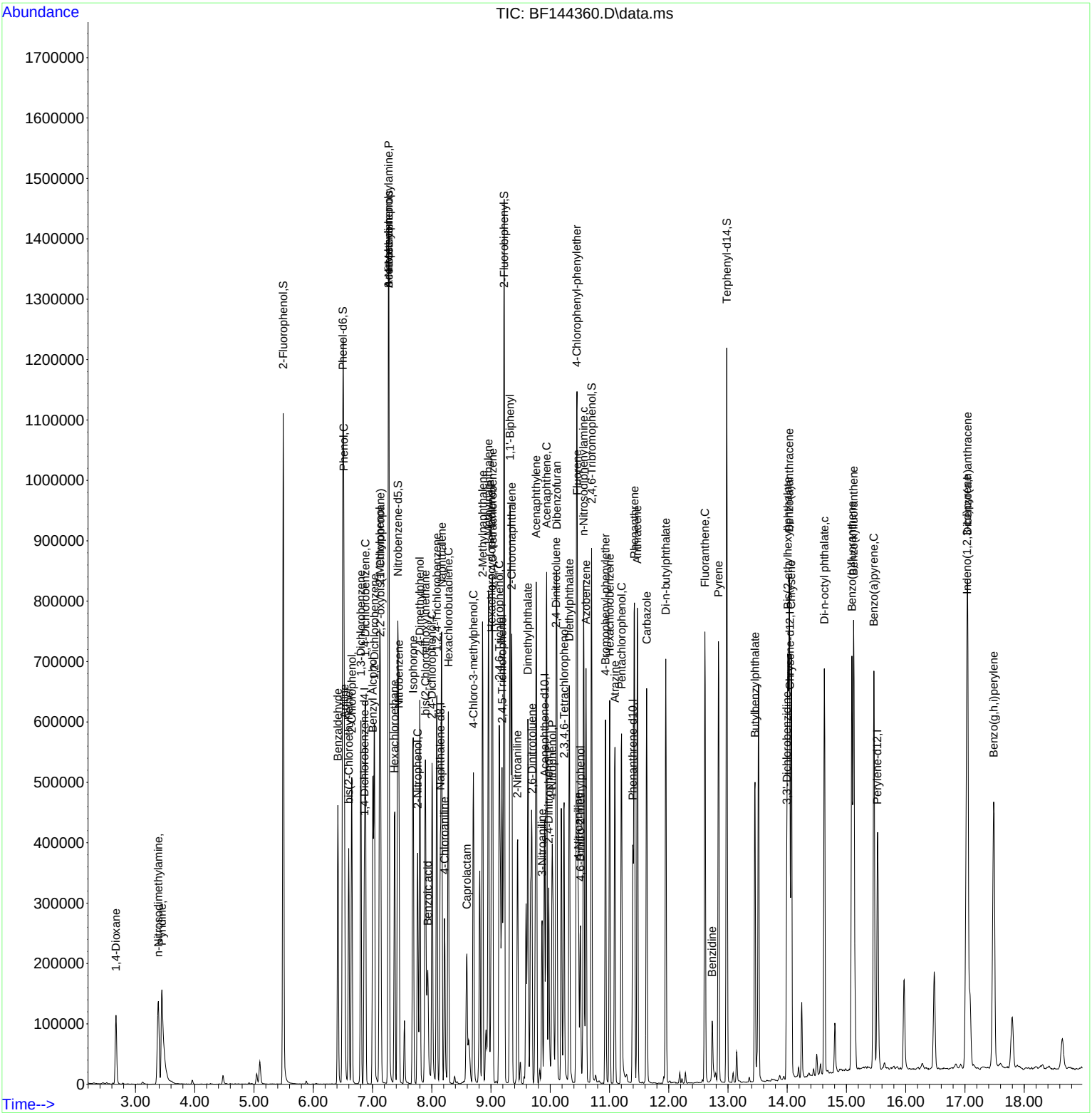
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144360.D
Acq On : 26 Nov 2025 14:30
Operator : RC/JU
Sample : PB170735BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

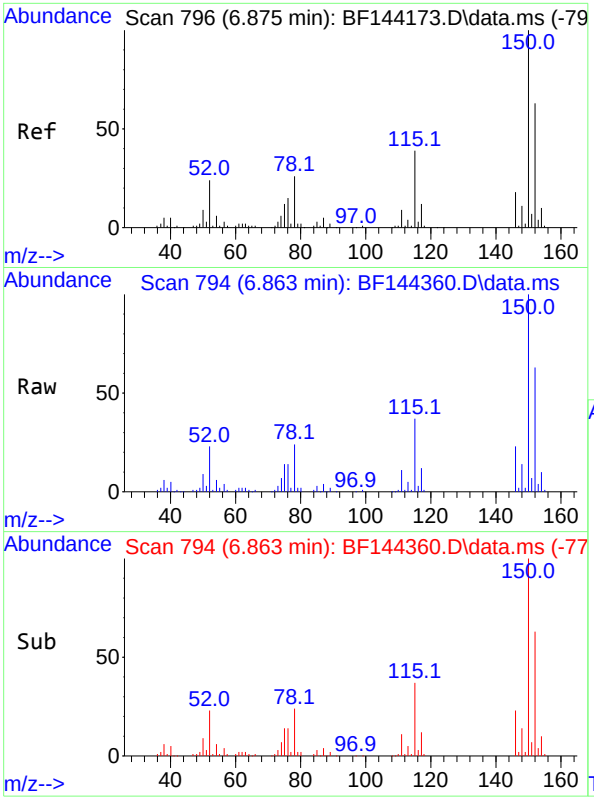
Quant Time: Nov 26 14:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

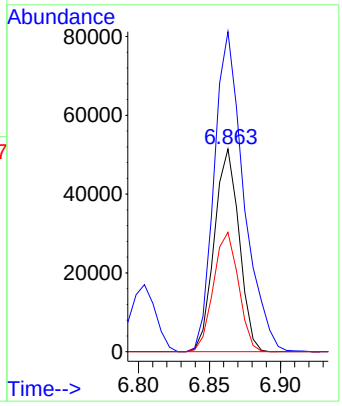





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:152 Resp: 6251

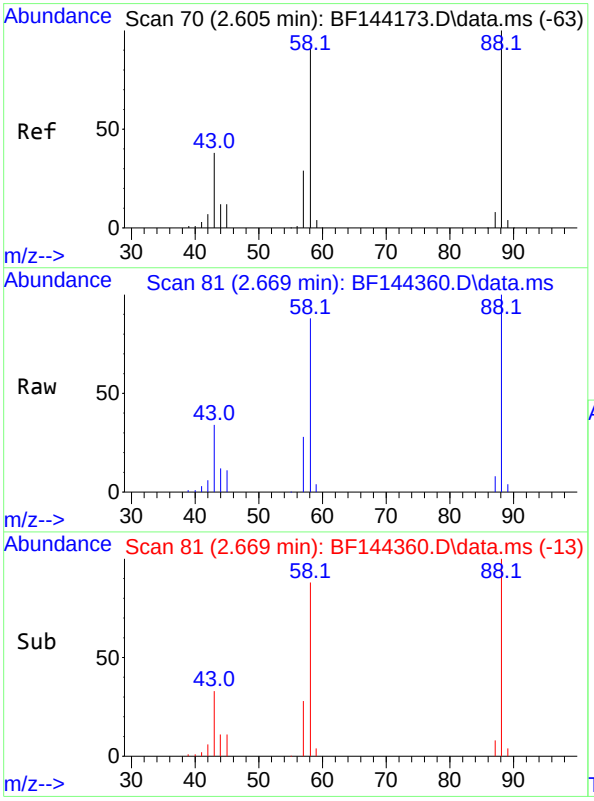
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 127.4 | 191.0 |
| 115 | 58.8 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

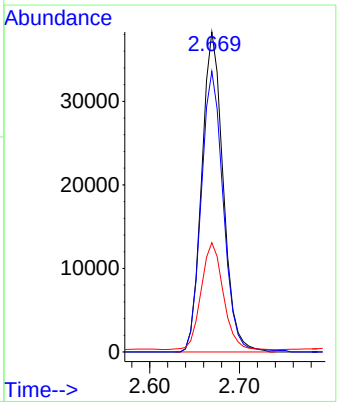
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

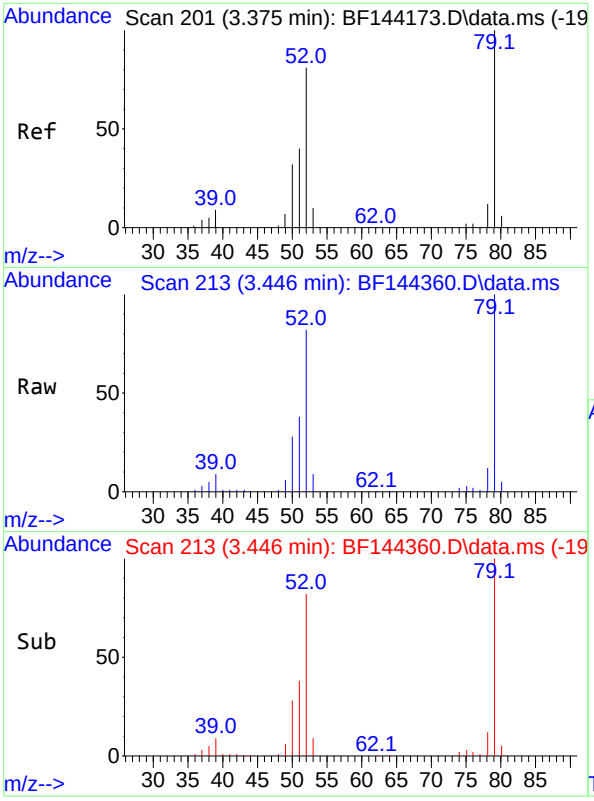



#2
1,4-Dioxane
Concen: 38.386 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.053 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 88 Resp: 63396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 90.2 | 73.1 | 109.7 |
| 43 | 34.5 | 31.0 | 46.6 |

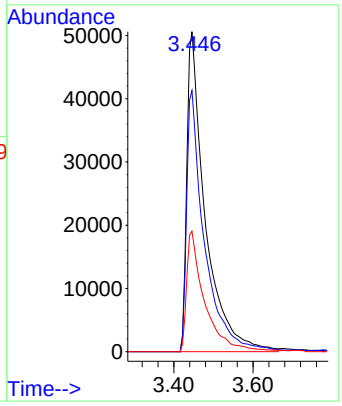





#3
Pyridine
Concen: 35.205 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 79 Resp: 16221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.6 | 64.5 | 96.7 |
| 51 | 37.6 | 31.7 | 47.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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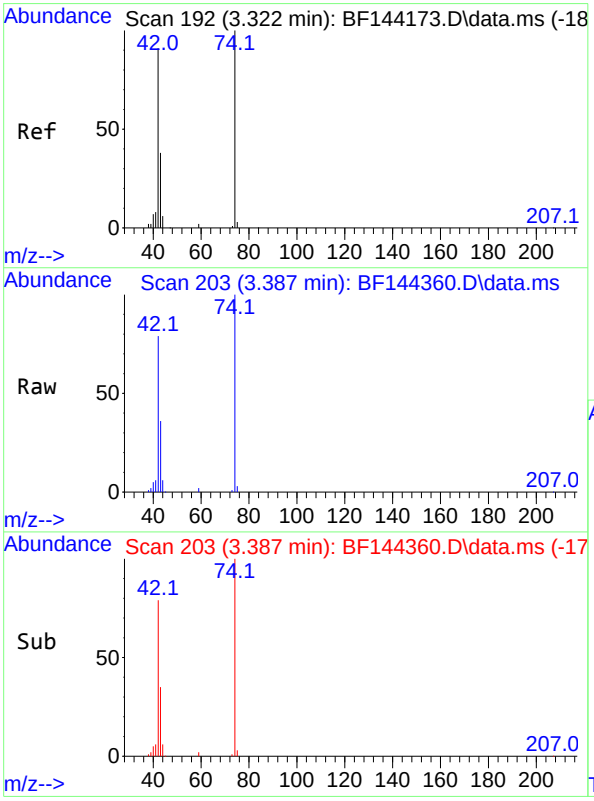
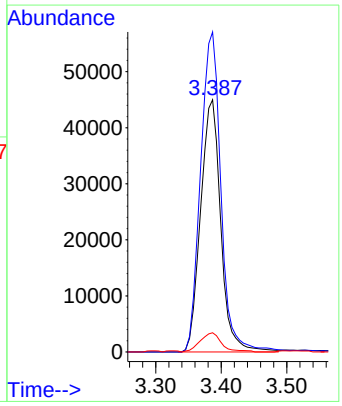
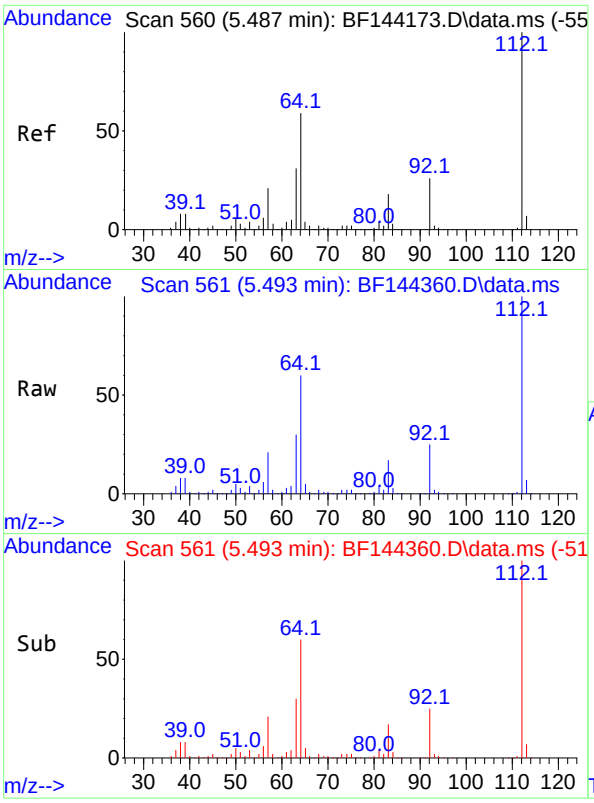



#4
n-Nitrosodimethylamine
Concen: 40.018 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.041 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 42 Resp: 96312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 126.9 | 88.2 | 132.4 |
| 44 | 7.6 | 5.7 | 8.5 |

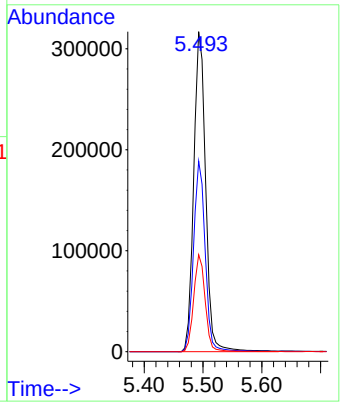





#5
2-Fluorophenol
Concen: 111.994 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:112 Resp: 44738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.6 | 47.2 | 70.8 |
| 63 | 30.3 | 24.4 | 36.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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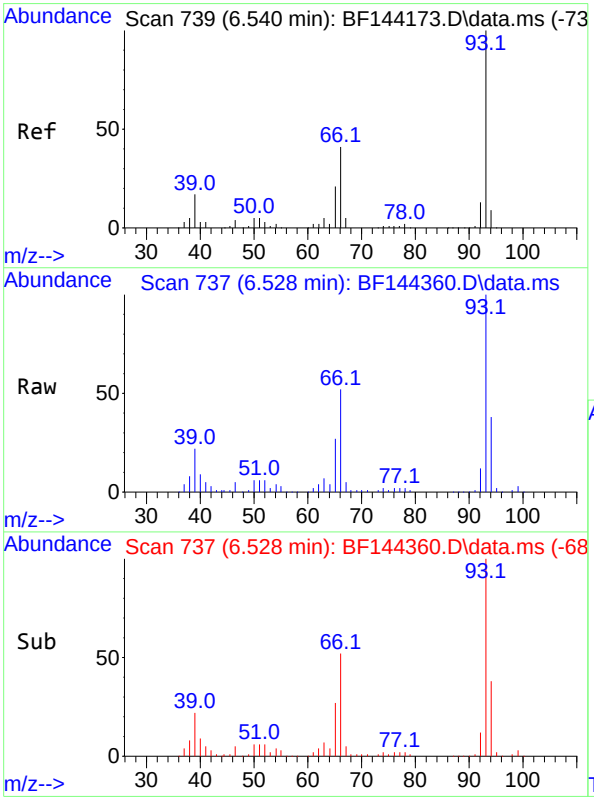
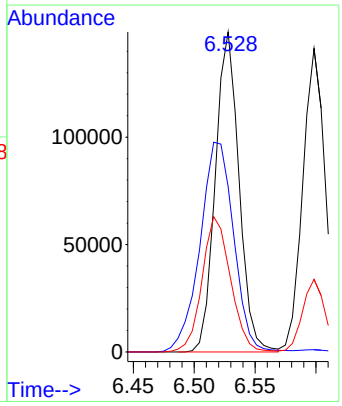
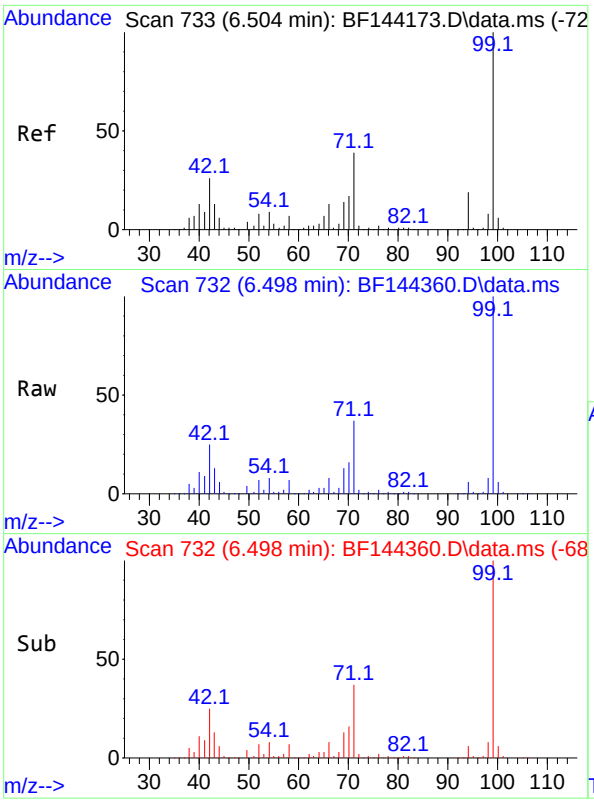



#6
Aniline
Concen: 31.266 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 93 Resp: 201632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 51.7 | 34.3 | 51.5# |
| 65 | 26.8 | 16.9 | 25.3# |

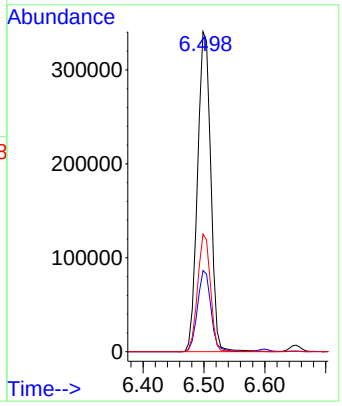





#7
Phenol-d6
Concen: 113.312 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 99 Resp: 51288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.4 | 20.9 | 31.3 |
| 71 | 36.8 | 31.4 | 47.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

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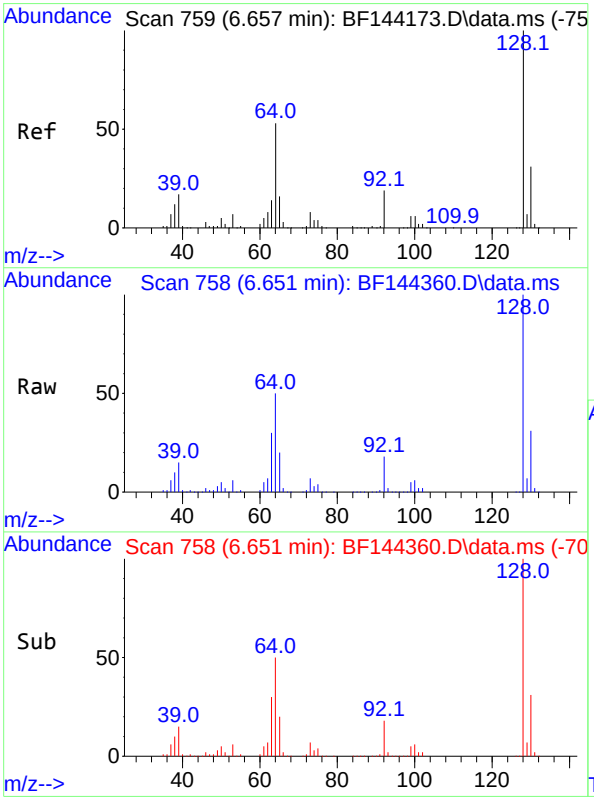
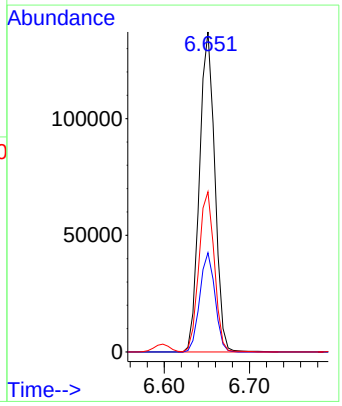
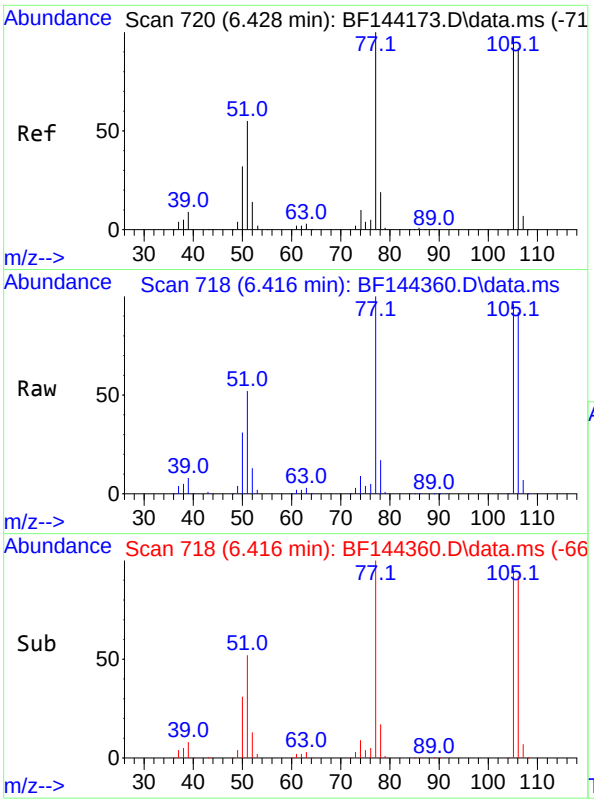



#8
2-Chlorophenol
Concen: 43.874 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:128 Resp: 171879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 10.5 | 50.5 |
| 64 | 50.1 | 33.2 | 73.2 |

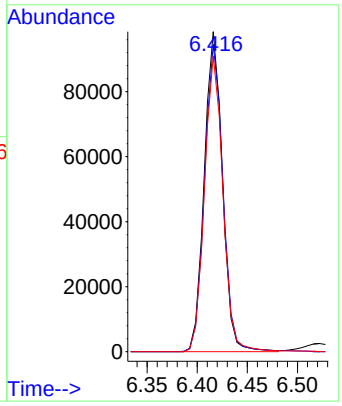





#9
Benzaldehyde
Concen: 48.638 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 77 Resp: 12431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.0 | 77.2 | 117.2 |
| 106 | 92.4 | 72.2 | 112.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

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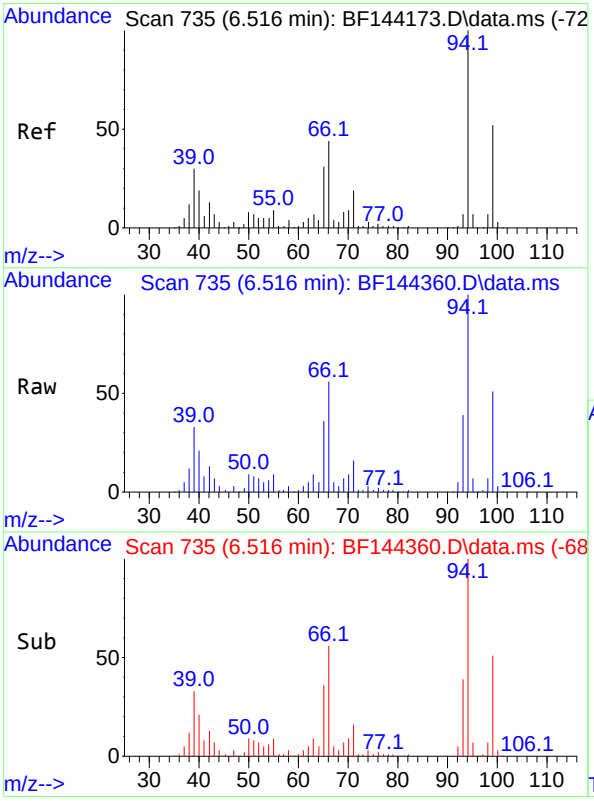
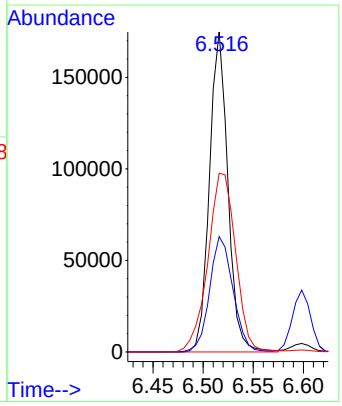
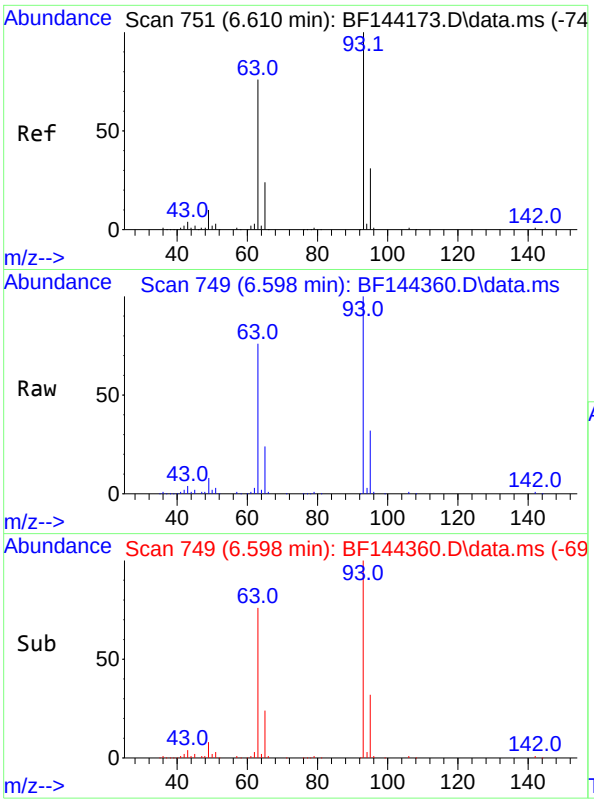



#10
Phenol
Concen: 40.513 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 94 Resp: 224044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.1 | 10.8 | 50.8 |
| 66 | 55.9 | 24.3 | 64.3 |

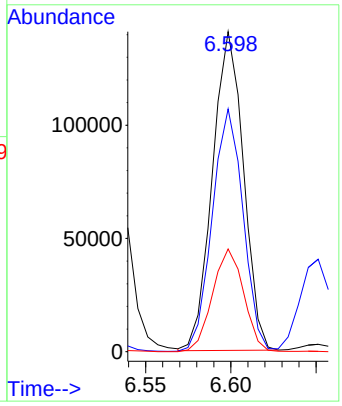





#11
bis(2-Chloroethyl)ether
Concen: 44.249 ng
RT: 6.598 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 93 Resp: 17830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.8 | 55.2 | 95.2 |
| 95 | 32.1 | 11.2 | 51.2 |




**Instrument :**
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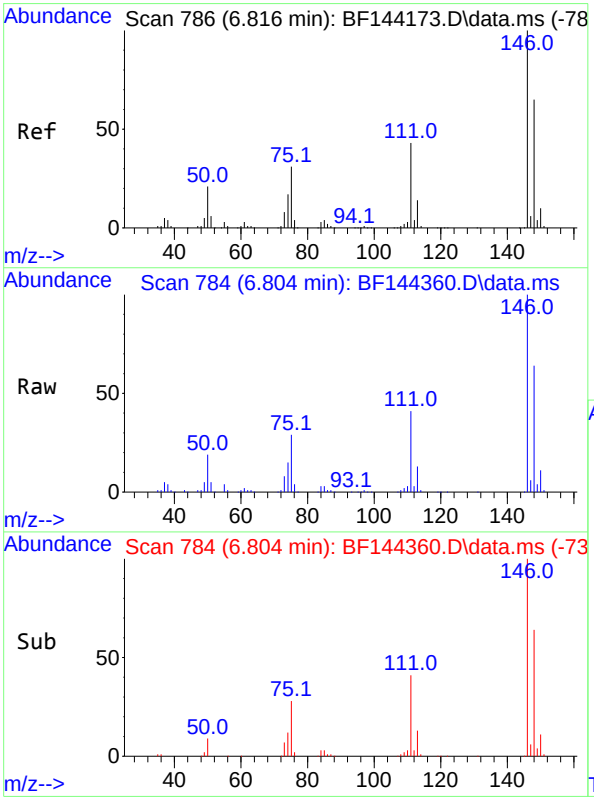
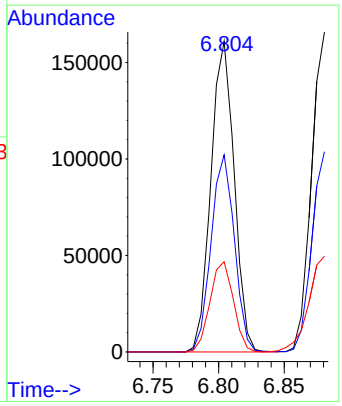
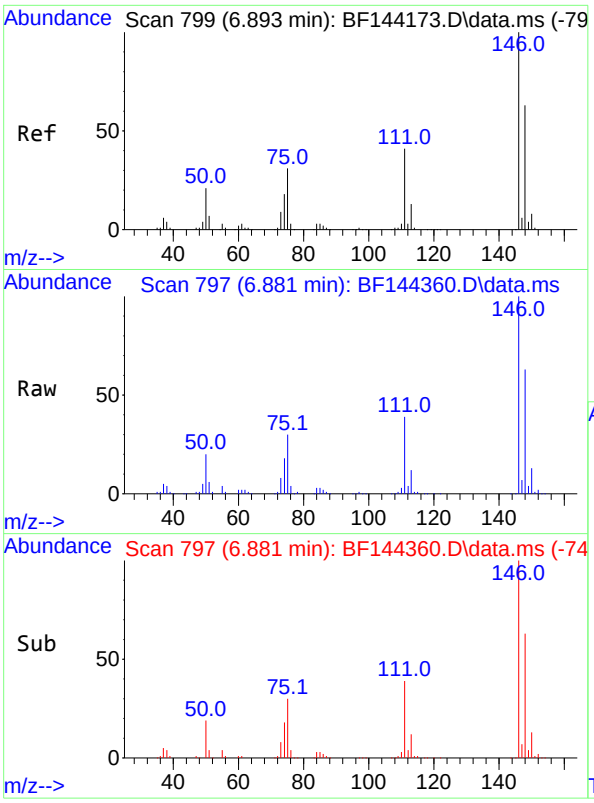



#12
1,3-Dichlorobenzene
Concen: 41.121 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:146 Resp: 198783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.8 | 77.8 |
| 75 | 29.1 | 25.0 | 37.4 |

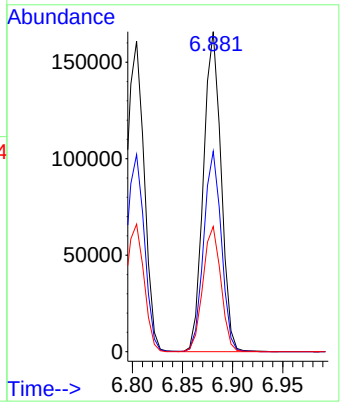





#13
1,4-Dichlorobenzene
Concen: 42.059 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:146 Resp: 20369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 50.2 | 75.2 |
| 111 | 39.1 | 32.6 | 48.8 |

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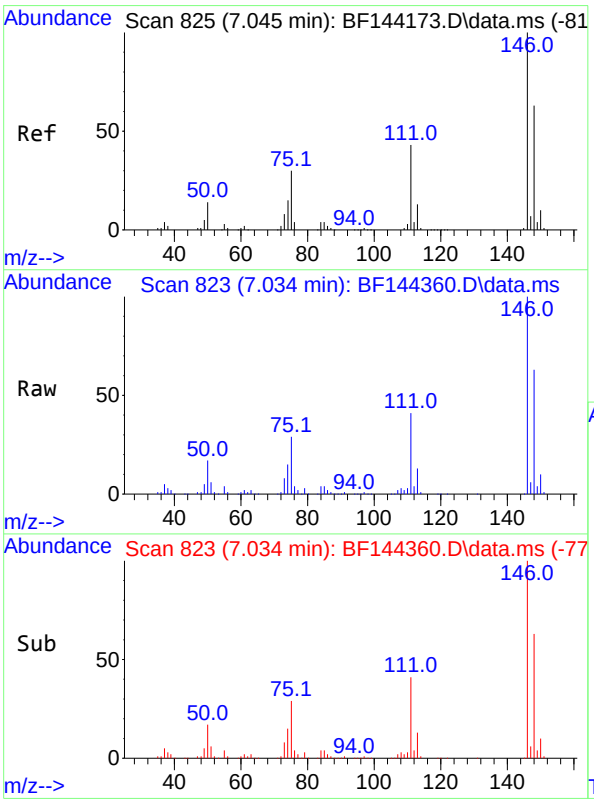
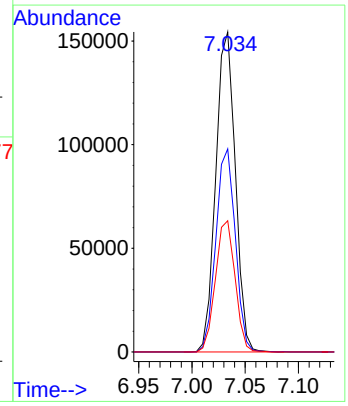
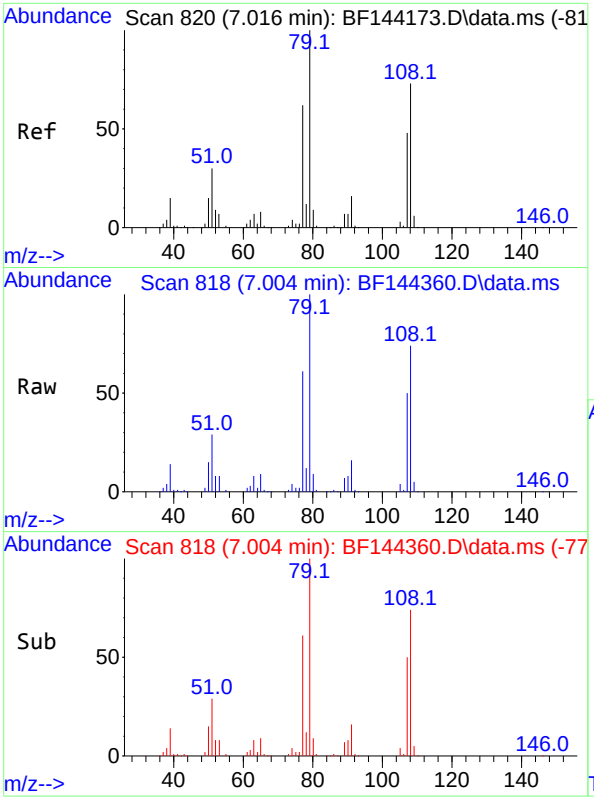



#14
1,2-Dichlorobenzene
Concen: 42.375 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:146 Resp: 196702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.7 | 76.1 |
| 111 | 41.0 | 34.2 | 51.4 |

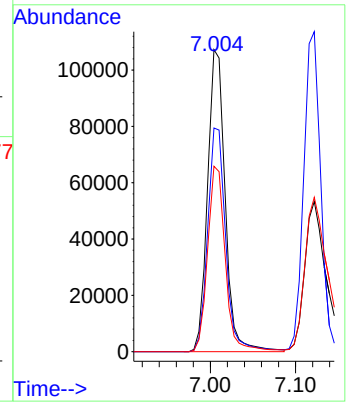





#15
Benzyl Alcohol
Concen: 43.035 ng
RT: 7.004 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 79 Resp: 15424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.0 | 58.2 | 87.4 |
| 77 | 61.4 | 49.9 | 74.9 |

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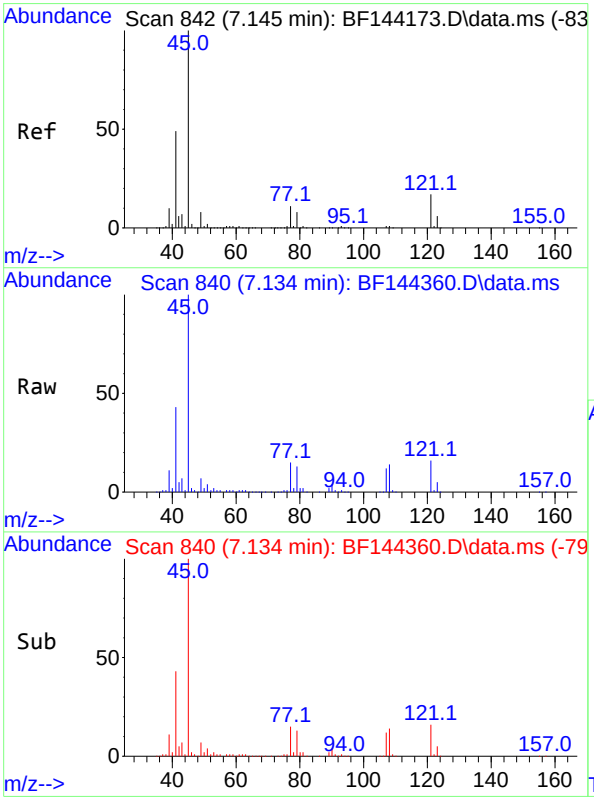
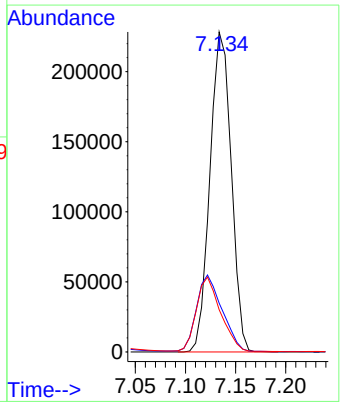
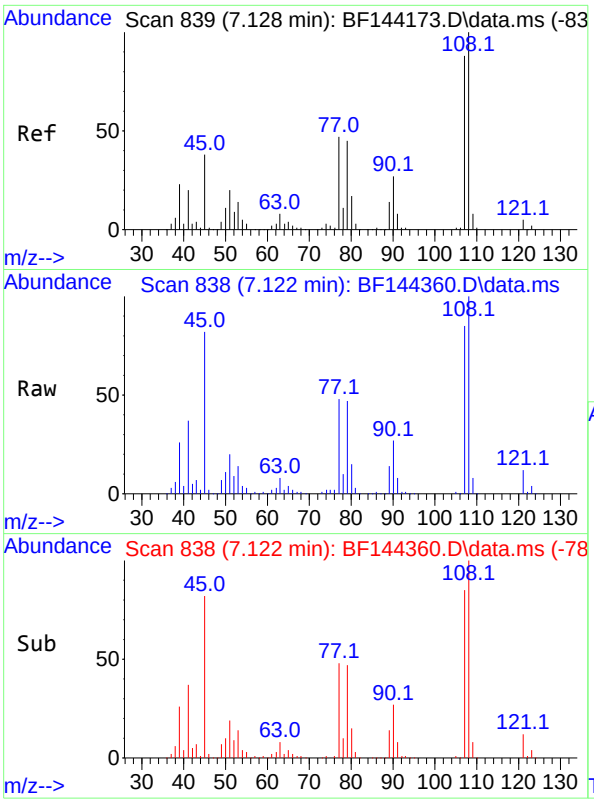



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.456 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 45 Resp: 337314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.3 | 0.0 | 31.8 |
| 79 | 13.2 | 0.0 | 29.1 |

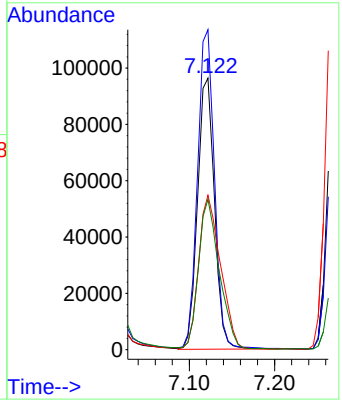





#17
2-Methylphenol
Concen: 42.692 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:107 Resp: 13305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.9 | 91.0 | 136.4 |
| 77 | 56.9 | 42.7 | 64.1 |
| 79 | 55.4 | 41.4 | 62.2 |

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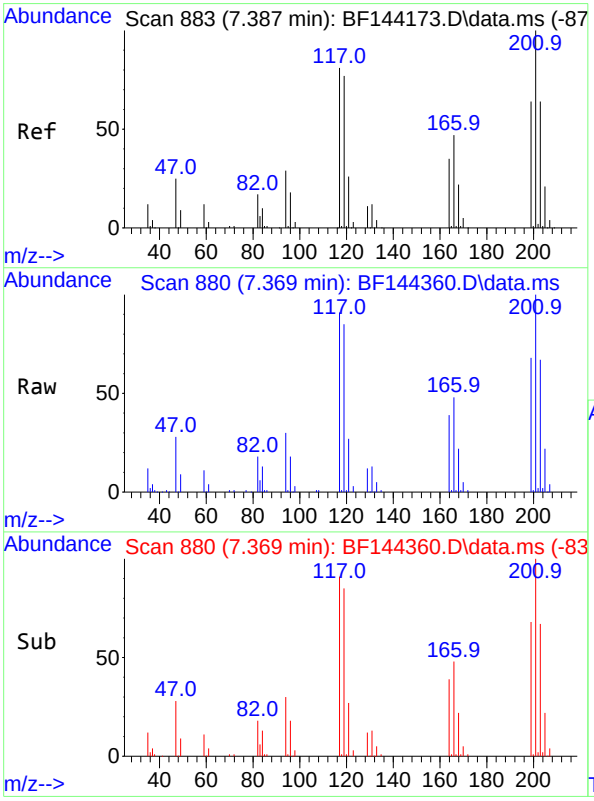
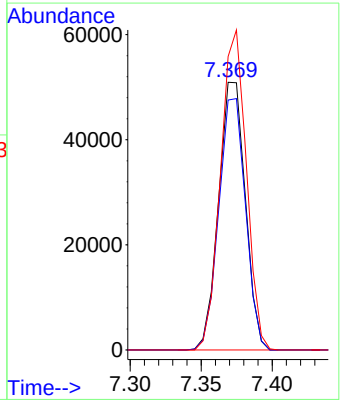
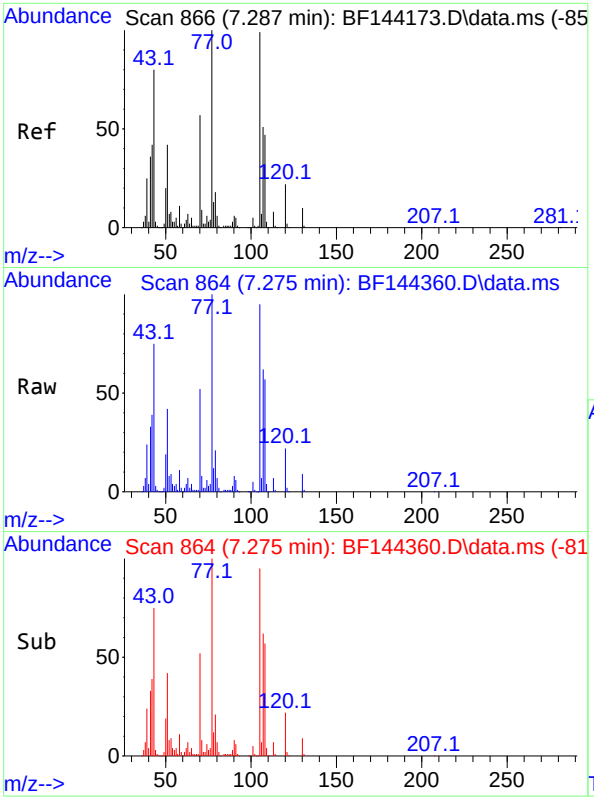



#18
Hexachloroethane
Concen: 41.405 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:117 Resp: 66621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.4 | 75.8 | 113.8 |
| 201 | 109.7 | 98.9 | 148.3 |

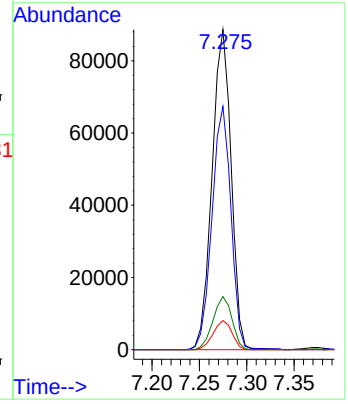





#19
n-Nitroso-di-n-propylamine
Concen: 41.665 ng
RT: 7.275 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 70 Resp: 12414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 76.0 | 58.3 | 87.5 |
| 101 | 9.1 | 7.0 | 10.6 |
| 130 | 16.6 | 14.4 | 21.6 |




**Instrument :**
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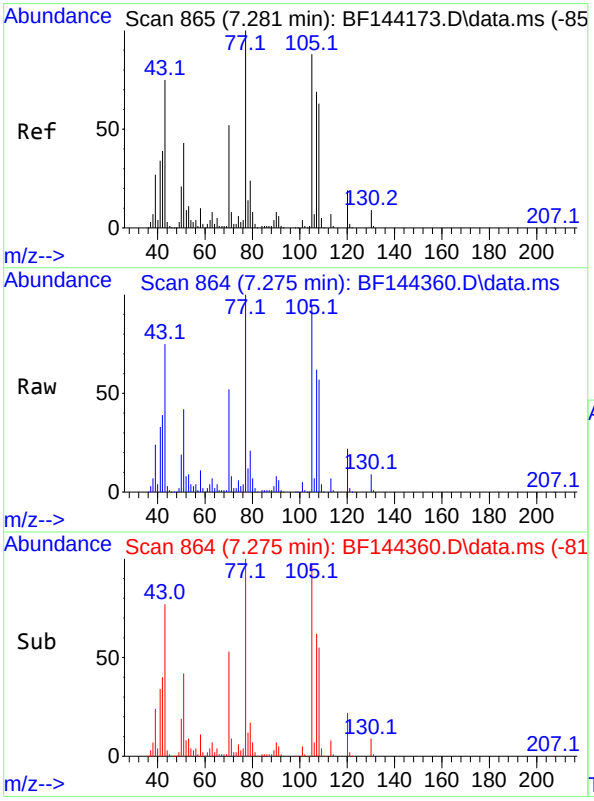
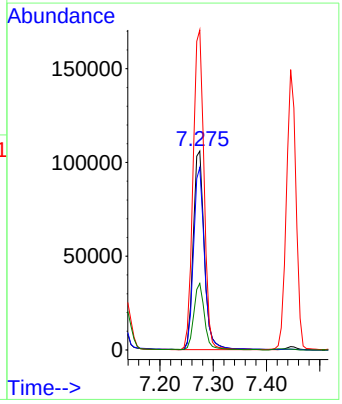
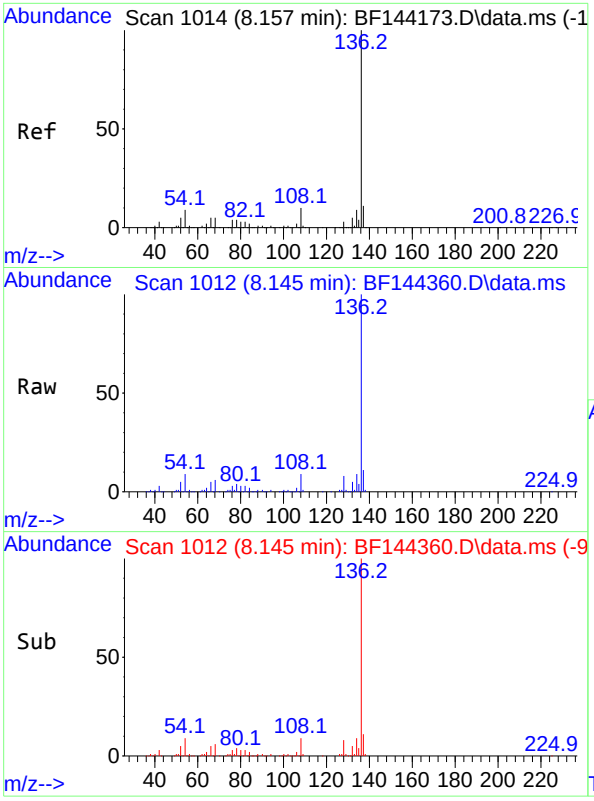



#20
3+4-Methylphenols
Concen: 41.693 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:107 Resp: 153173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.7 | 70.2 | 110.2 |
| 77 | 160.9 | 123.9 | 163.9 |
| 79 | 33.5 | 14.2 | 54.2 |

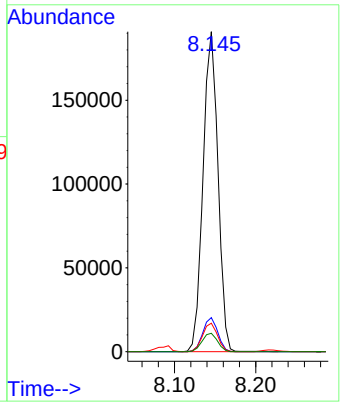





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:136 Resp: 24307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 8.9 | 7.0 | 10.6 |
| 68 | 5.7 | 4.3 | 6.5 |

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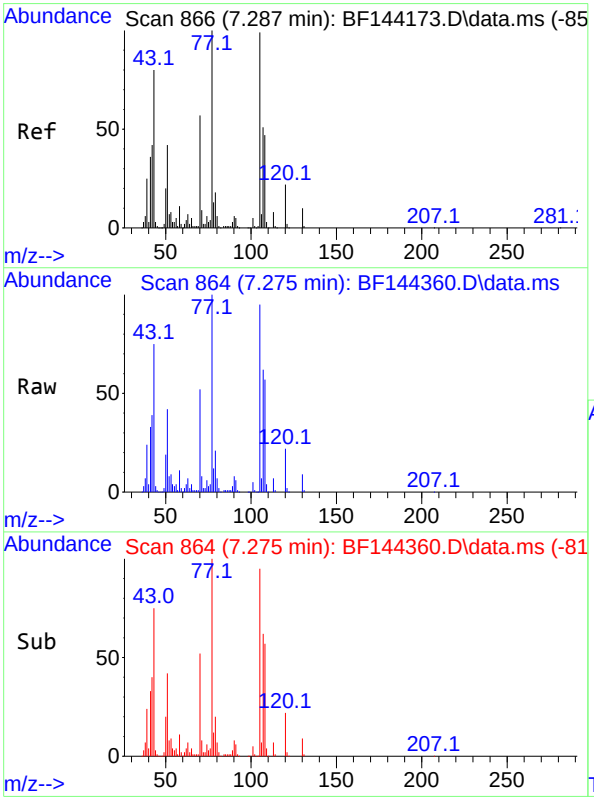
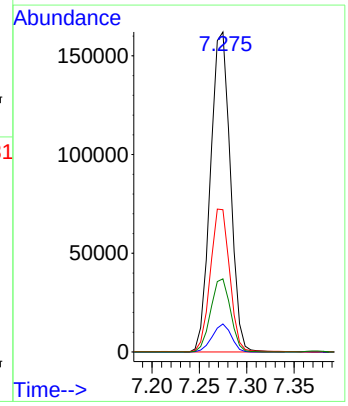
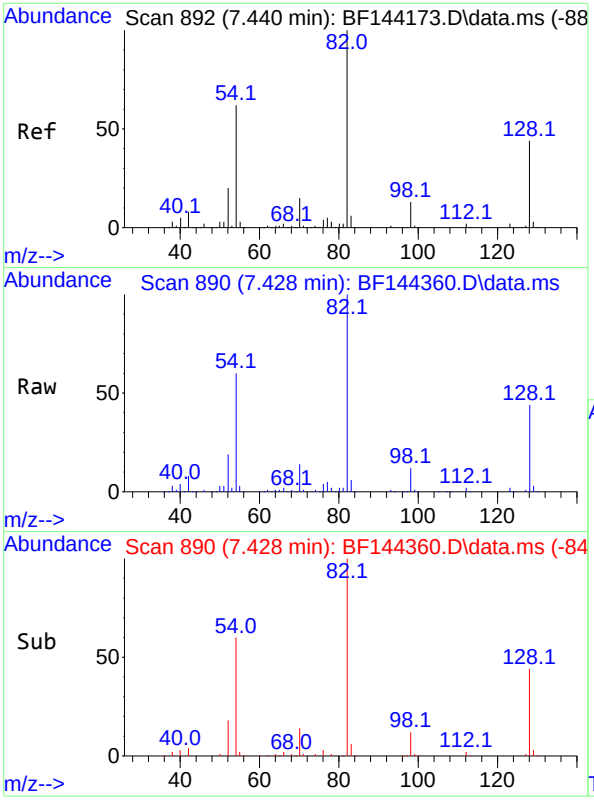



#22
Acetophenone
Concen: 45.322 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:105 Resp: 236329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.7 | 7.2 | 10.8 |
| 51 | 44.4 | 34.0 | 51.0 |
| 120 | 22.8 | 17.8 | 26.6 |

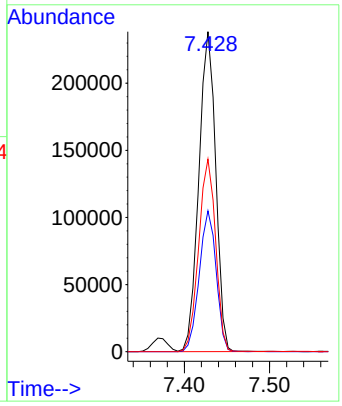





#23
Nitrobenzene-d5
Concen: 77.940 ng
RT: 7.428 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 82 Resp: 32802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.0 | 34.7 | 52.1 |
| 54 | 60.1 | 49.5 | 74.3 |

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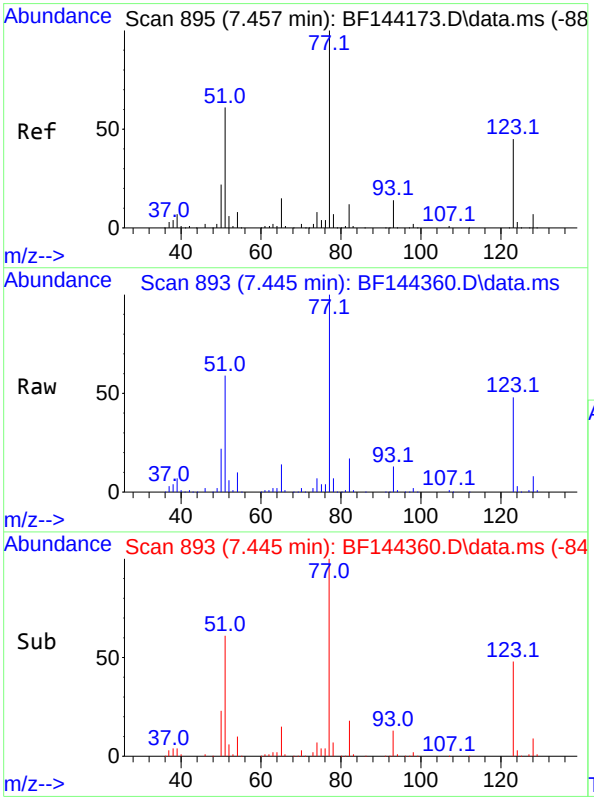
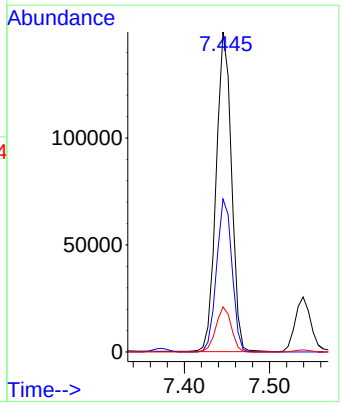
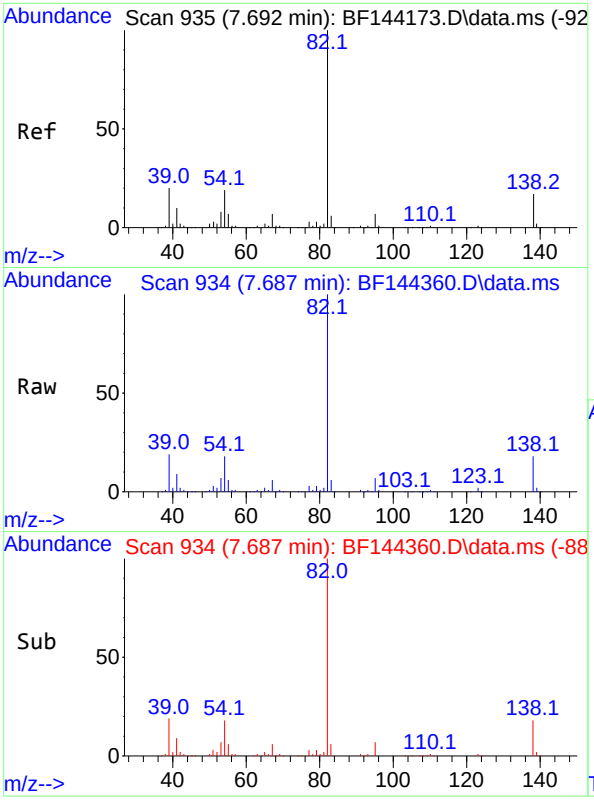



#24
Nitrobenzene
Concen: 40.858 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 77 Resp: 186706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.8 | 35.8 | 53.8 |
| 65 | 14.1 | 12.2 | 18.2 |

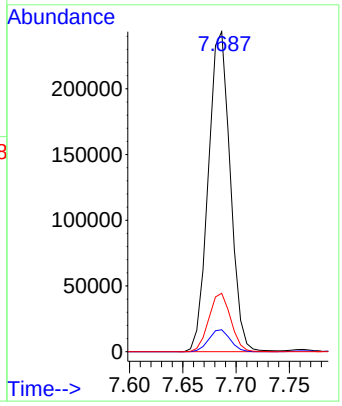





#25
Isophorone
Concen: 43.800 ng
RT: 7.687 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 82 Resp: 34868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 18.3 | 13.7 | 20.5 |

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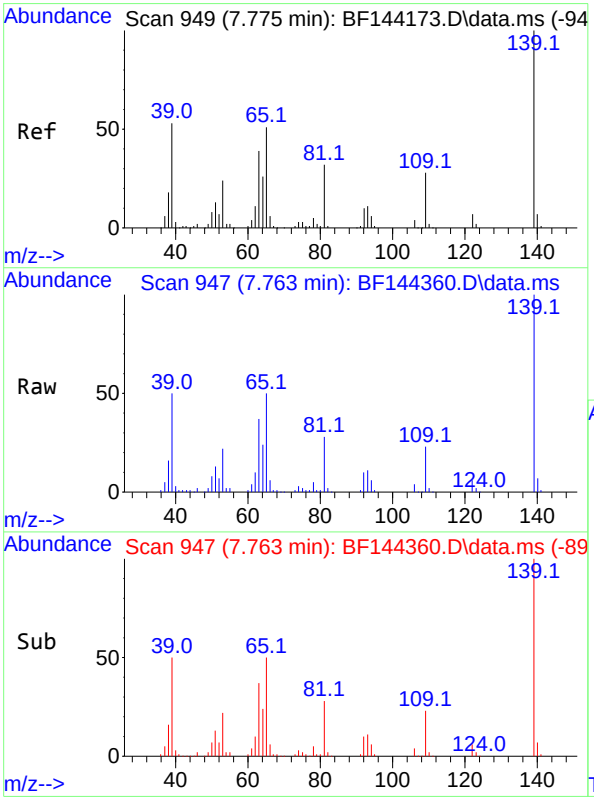
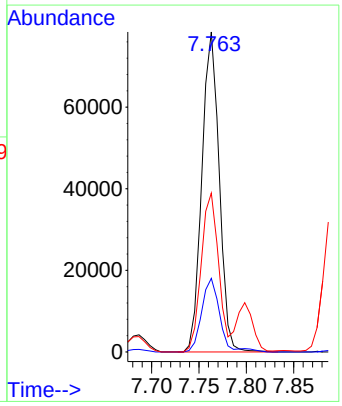
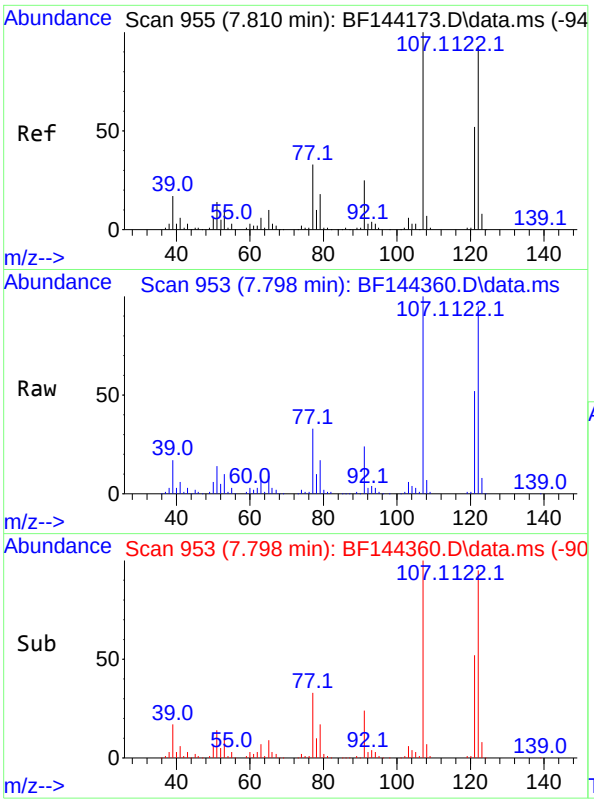



#26
2-Nitrophenol
Concen: 44.110 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:139 Resp: 99780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 23.0 | 22.2 | 33.2 |
| 65 | 49.6 | 40.7 | 61.1 |

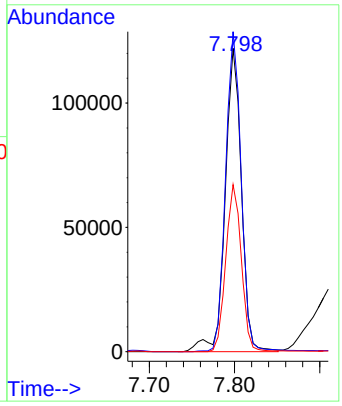





#27
2,4-Dimethylphenol
Concen: 47.676 ng
RT: 7.798 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:122 Resp: 16164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 105.5 | 86.2 | 129.4 |
| 121 | 55.0 | 44.6 | 66.8 |

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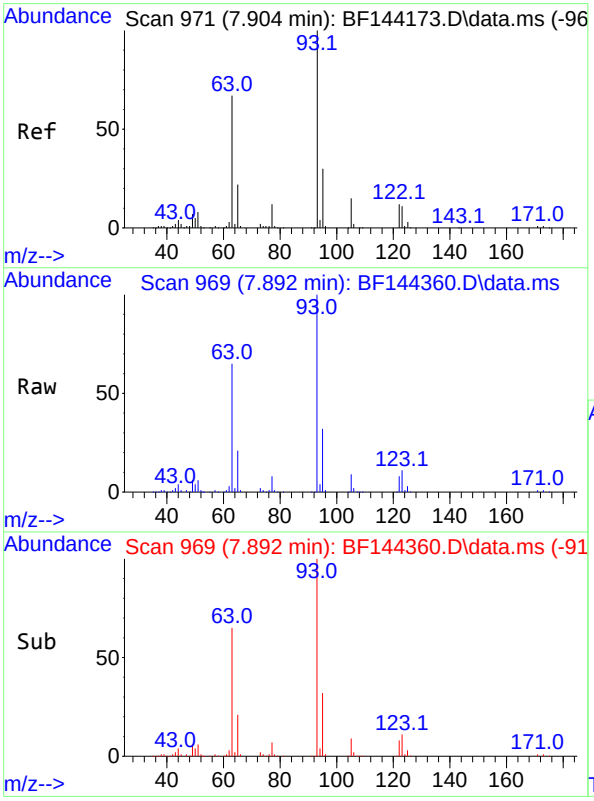
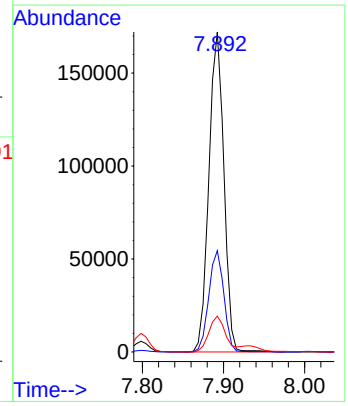
Supervised By :mohammad ahmed 12/03/2025

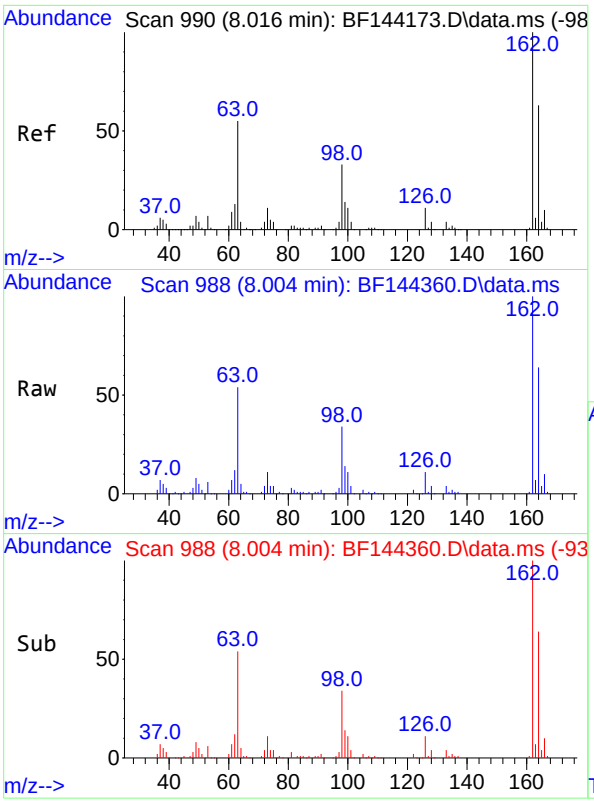



#28
bis(2-Chloroethoxy)methane
Concen: 44.389 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 93 Resp: 220667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 24.2 | 36.4 |
| 123 | 11.2 | 9.0 | 13.4 |

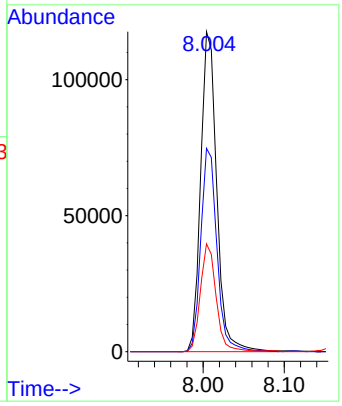





#29
2,4-Dichlorophenol
Concen: 41.389 ng
RT: 8.004 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:162 Resp: 16173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.5 | 42.9 | 82.9 |
| 98 | 33.7 | 13.3 | 53.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

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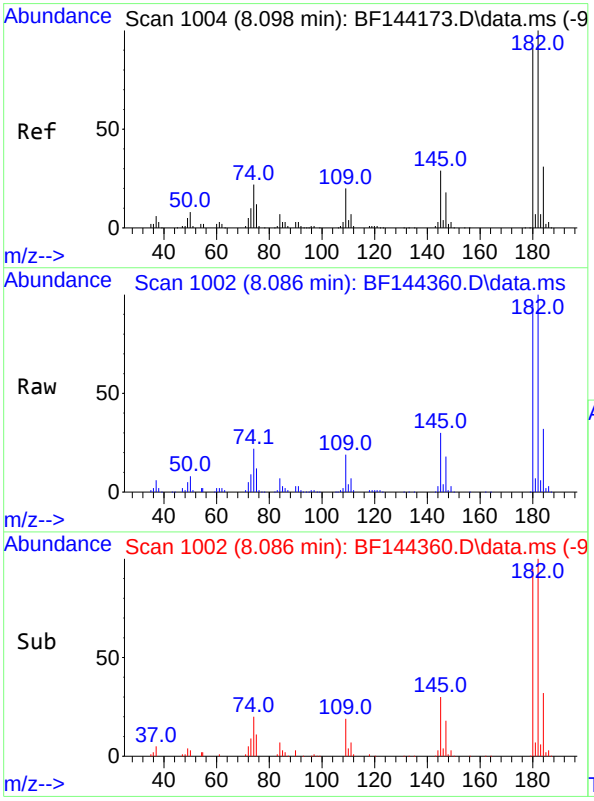
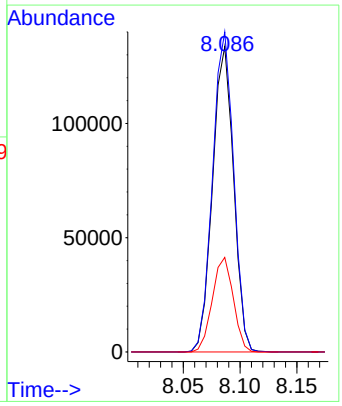
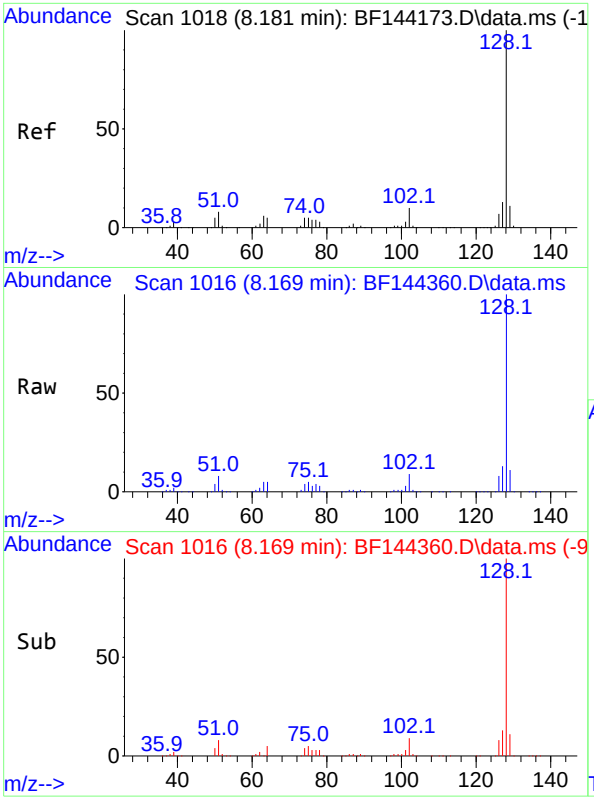



#30
1,2,4-Trichlorobenzene
Concen: 42.919 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:180 Resp: 172217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 104.7 | 87.7 | 131.5 |
| 145 | 30.9 | 25.4 | 38.0 |

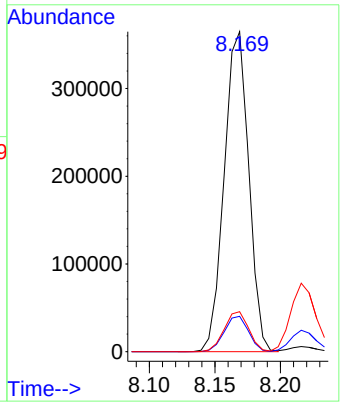





#31
Naphthalene
Concen: 41.032 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:128 Resp: 47443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.9 | 13.3 |
| 127 | 12.5 | 10.3 | 15.5 |

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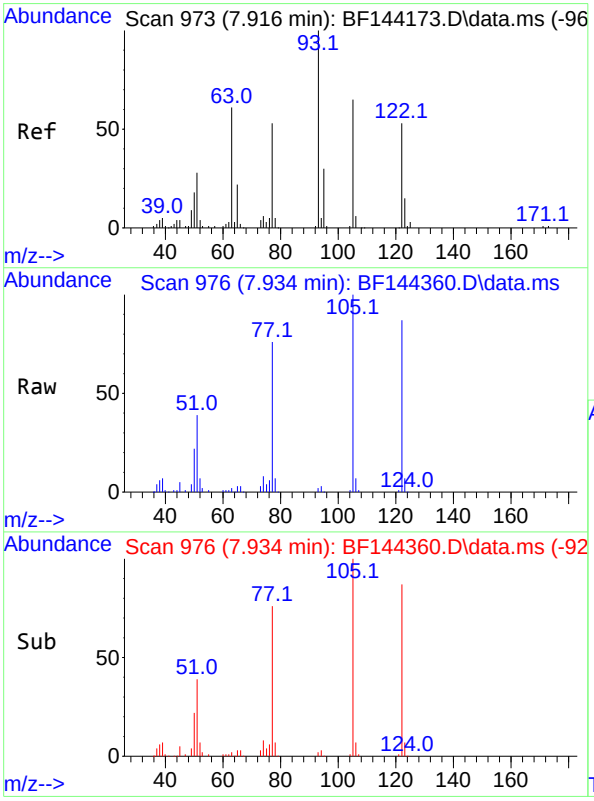
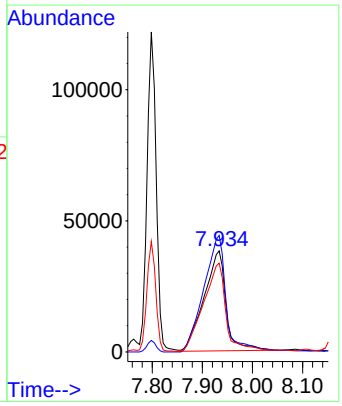
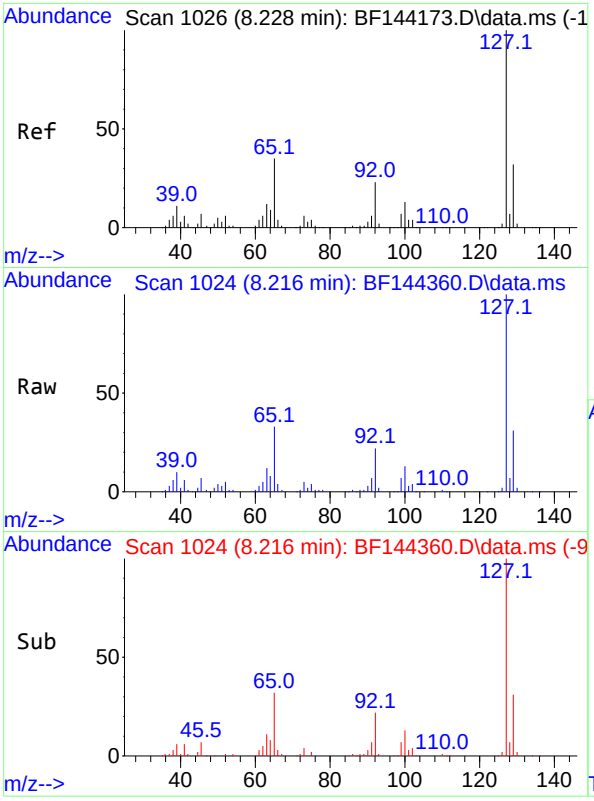



#32
Benzoic acid
Concen: 46.932 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:122 Resp: 116638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.1 | 99.9 | 139.9 |
| 77 | 87.8 | 77.5 | 117.5 |

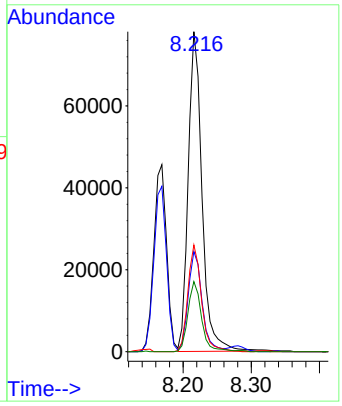





#33
4-Chloroaniline
Concen: 25.892 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:127 Resp: 10919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.3 | 25.3 | 37.9 |
| 65 | 33.3 | 27.6 | 41.4 |
| 92 | 21.9 | 18.4 | 27.6 |

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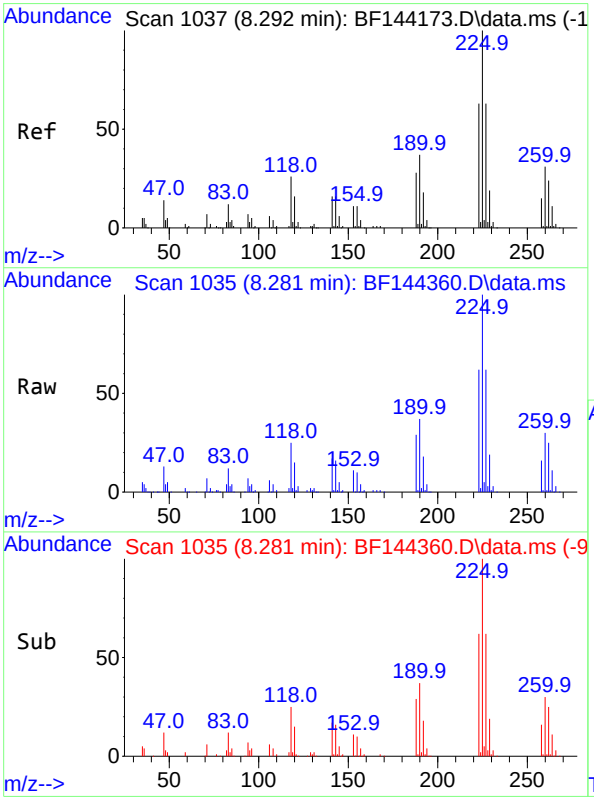
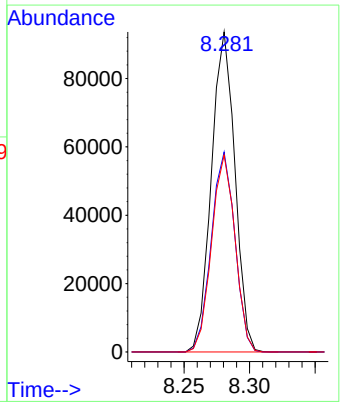
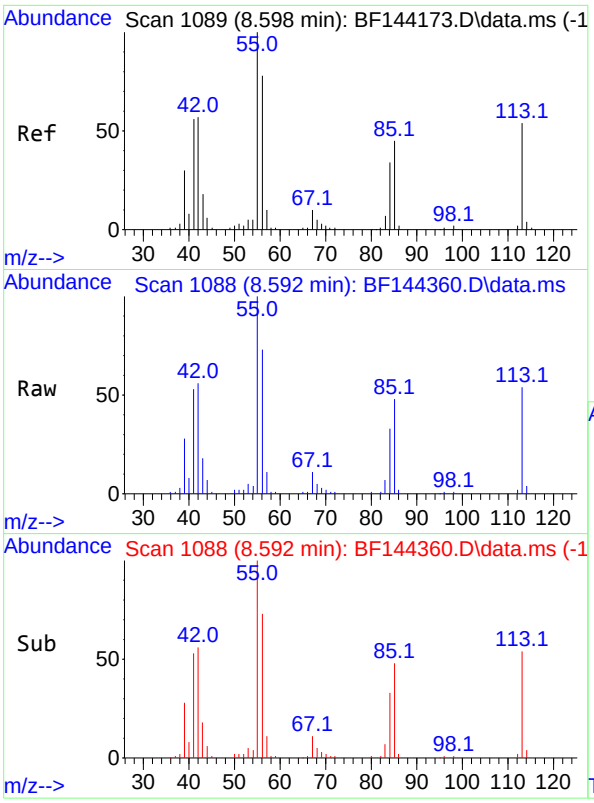



#34
Hexachlorobutadiene
Concen: 38.579 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:225 Resp: 116667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 50.2 | 75.4 |
| 227 | 61.5 | 50.1 | 75.1 |

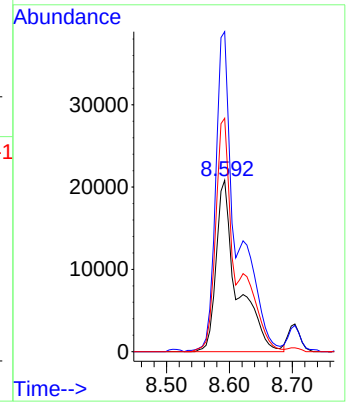





#35
Caprolactam
Concen: 45.497 ng m
RT: 8.592 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:113 Resp: 4870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 186.7 | 166.8 | 206.8 |
| 56 | 136.3 | 125.9 | 165.9 |

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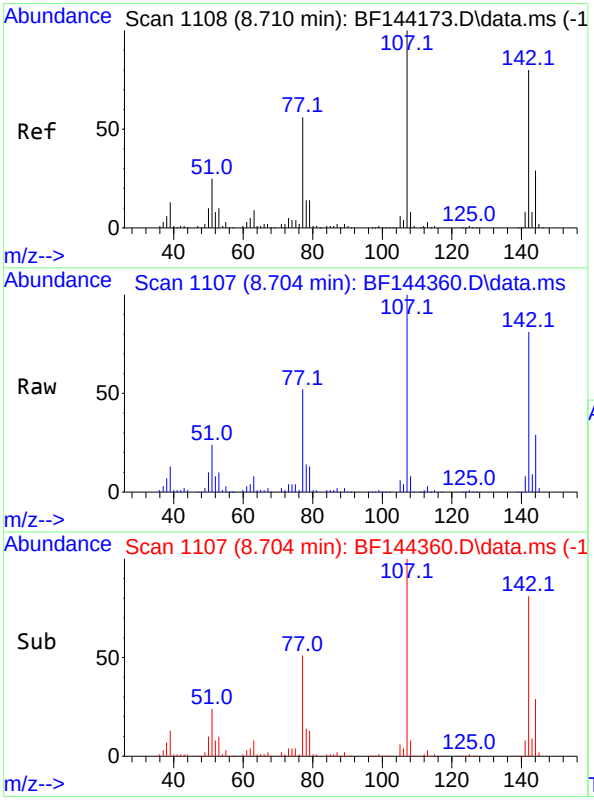
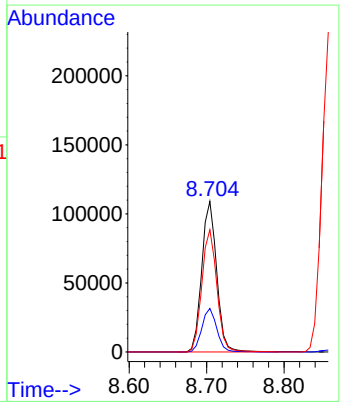
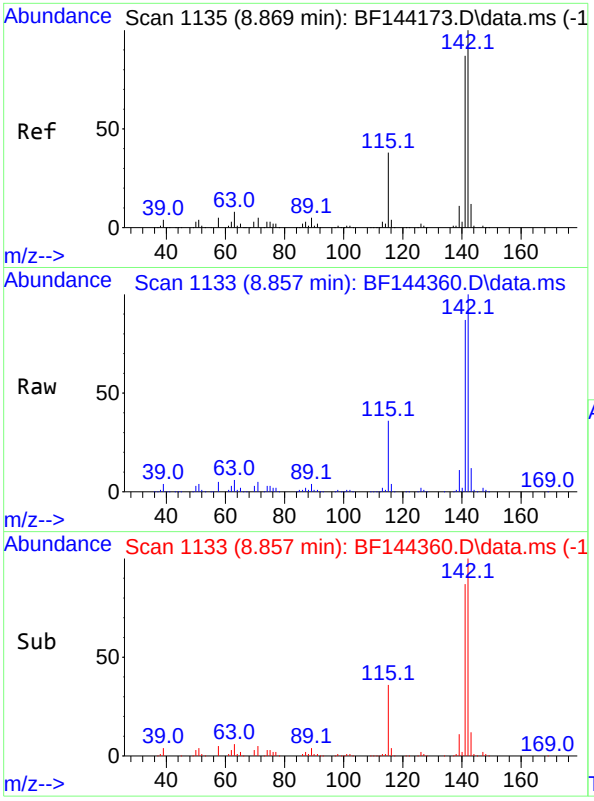



#36
4-Chloro-3-methylphenol
Concen: 41.770 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:107 Resp: 146282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.9 | 23.3 | 34.9 |
| 142 | 81.2 | 63.8 | 95.6 |

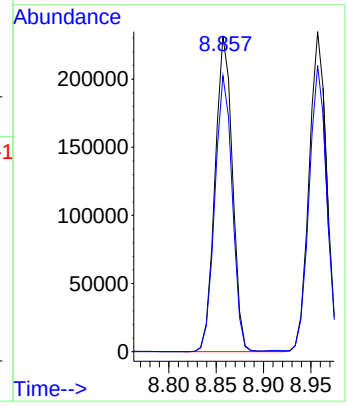





#37
2-Methylnaphthalene
Concen: 38.317 ng
RT: 8.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:142 Resp: 29622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.4 | 69.9 | 104.9 |




**Instrument :**
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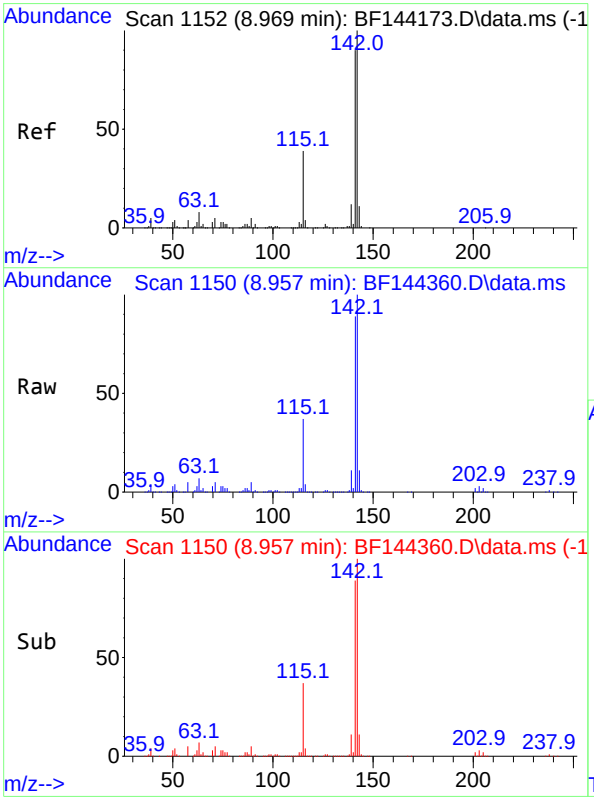
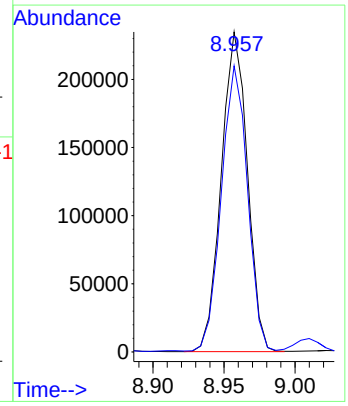
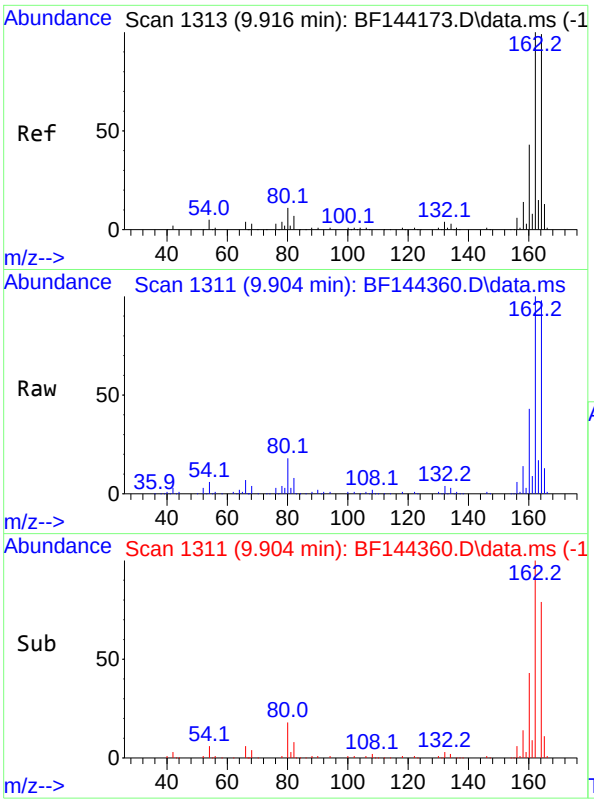



#38
1-Methylnaphthalene
Concen: 40.160 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:142 Resp: 299567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.4 | 72.1 | 108.1 |

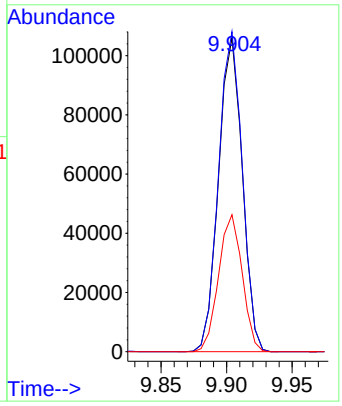





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:164 Resp: 13343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.0 | 81.1 | 121.7 |
| 160 | 43.6 | 34.5 | 51.7 |

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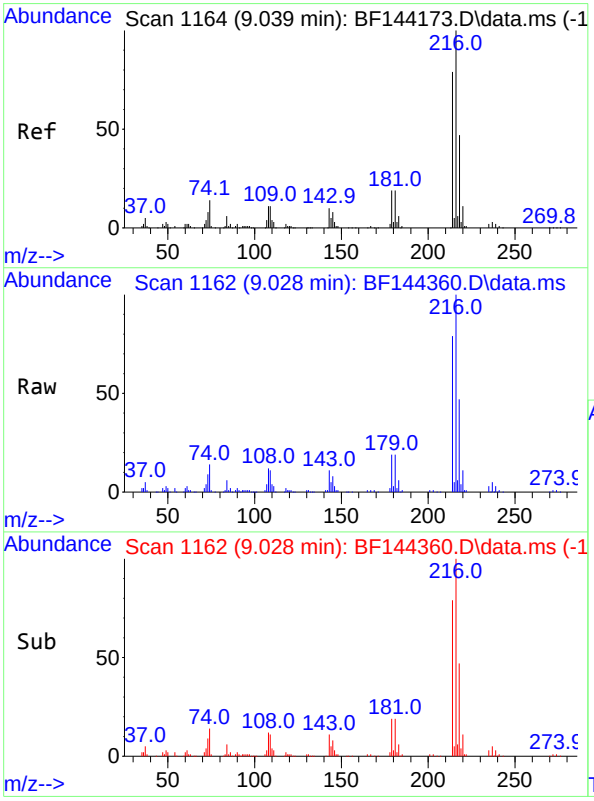
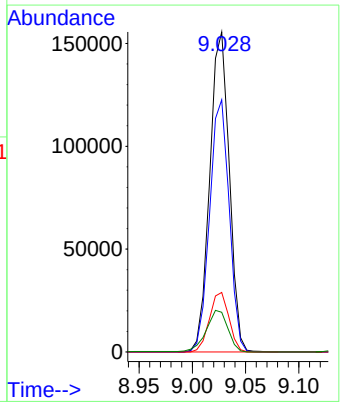
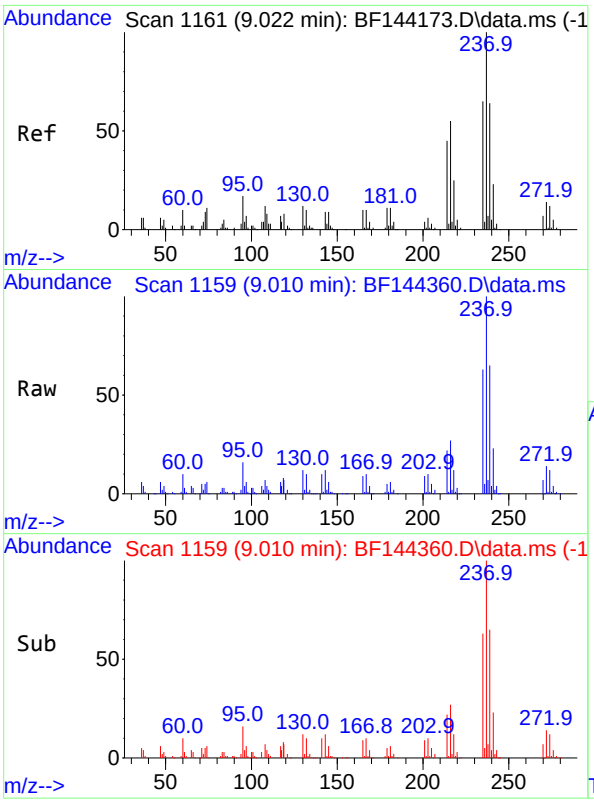



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.235 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:216 Resp: 197809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 63.4 | 95.2 |
| 179 | 18.6 | 15.0 | 22.4 |
| 108 | 14.5 | 10.5 | 15.7 |

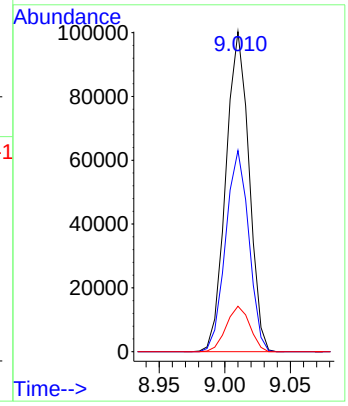





#41
Hexachlorocyclopentadiene
Concen: 74.159 ng
RT: 9.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:237 Resp: 12293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 45.5 | 85.5 |
| 272 | 14.2 | 0.0 | 33.5 |

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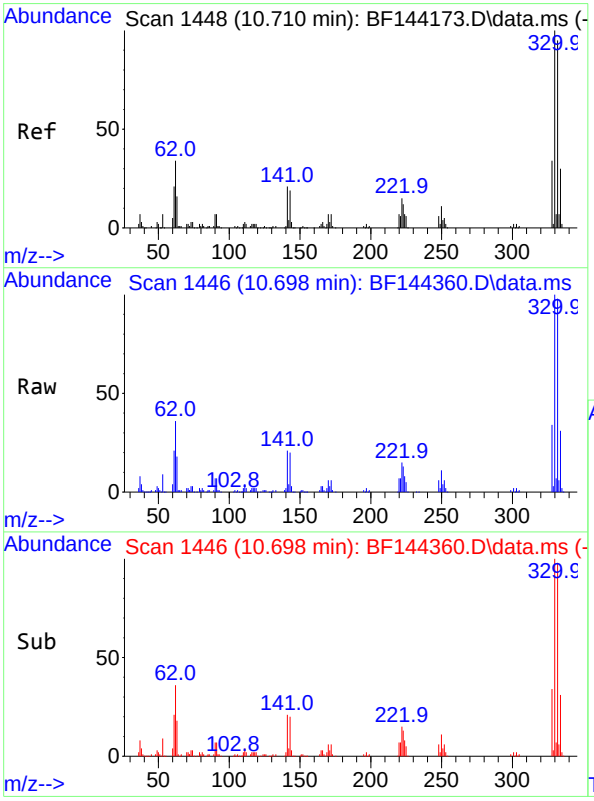
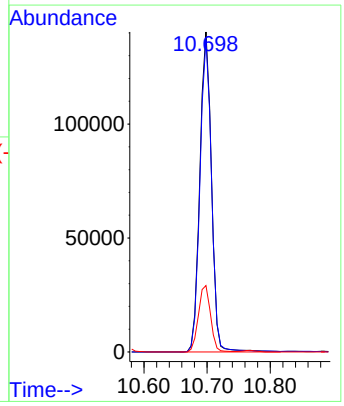
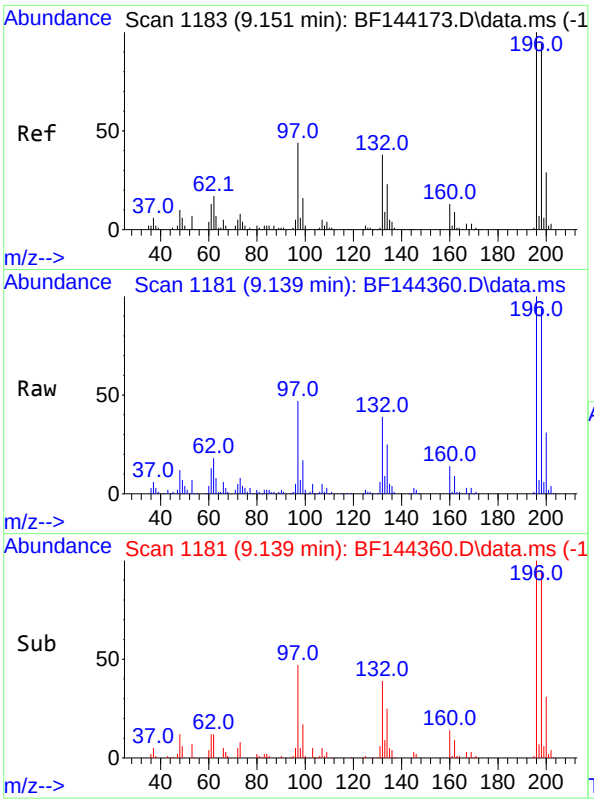



#42
2,4,6-Tribromophenol
Concen: 107.276 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:330 Resp: 179624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 76.7 | 115.1 |
| 141 | 21.6 | 17.8 | 26.8 |

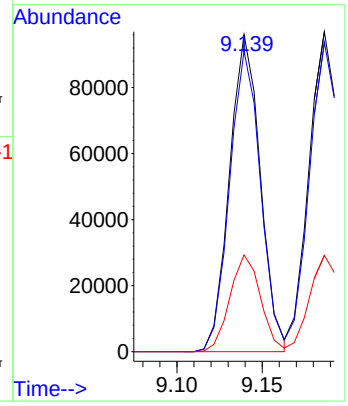





#43
2,4,6-Trichlorophenol
Concen: 40.566 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:196 Resp: 12073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 75.3 | 112.9 |
| 200 | 30.5 | 23.4 | 35.2 |

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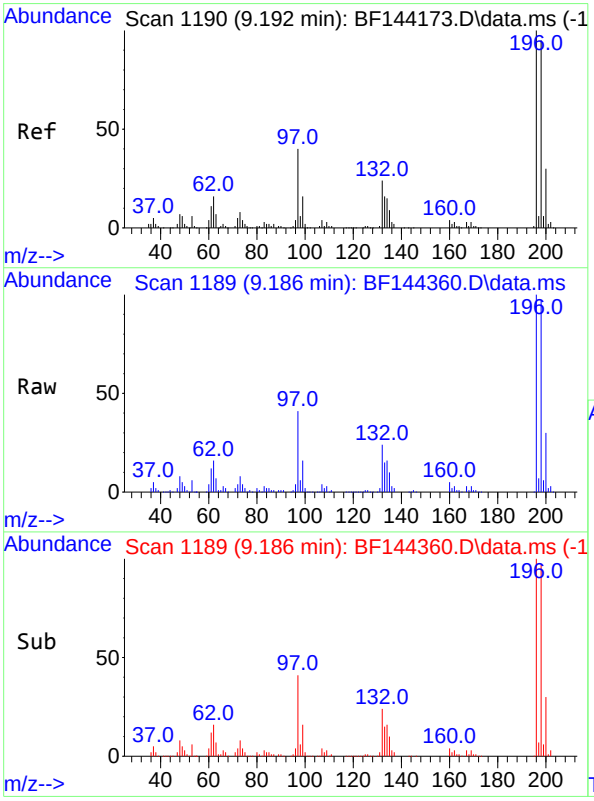
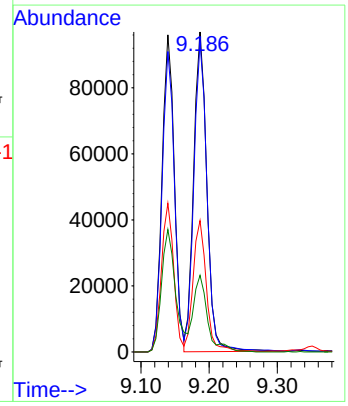
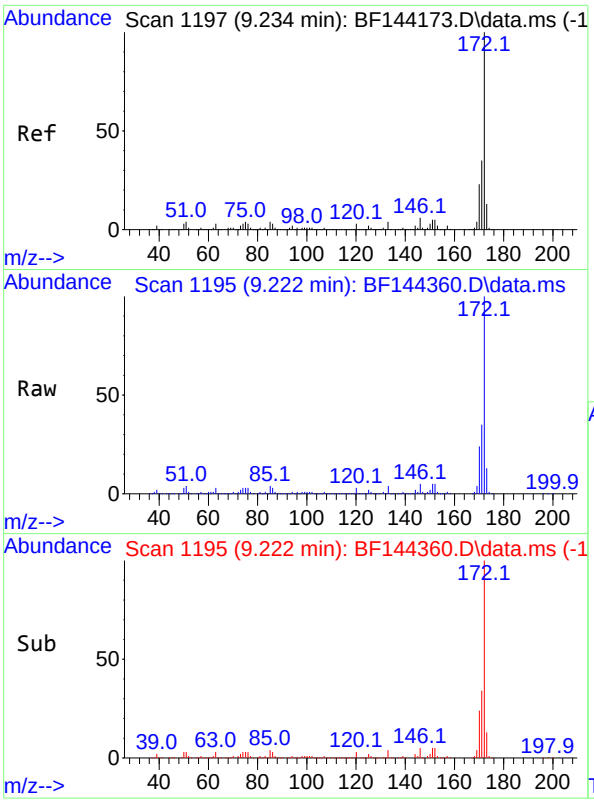



#44
2,4,5-Trichlorophenol
Concen: 40.476 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:196 Resp: 129840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.7 | 76.1 | 114.1 |
| 97 | 41.0 | 31.9 | 47.9 |
| 132 | 24.0 | 19.4 | 29.2 |

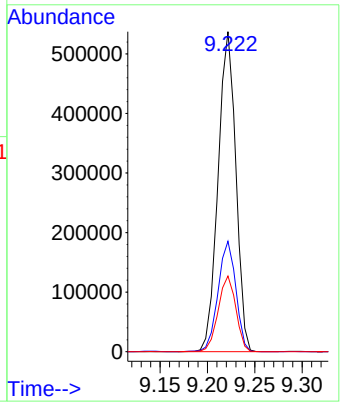





#45
2-Fluorobiphenyl
Concen: 77.793 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:172 Resp: 70280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 28.1 | 42.1 |
| 170 | 23.6 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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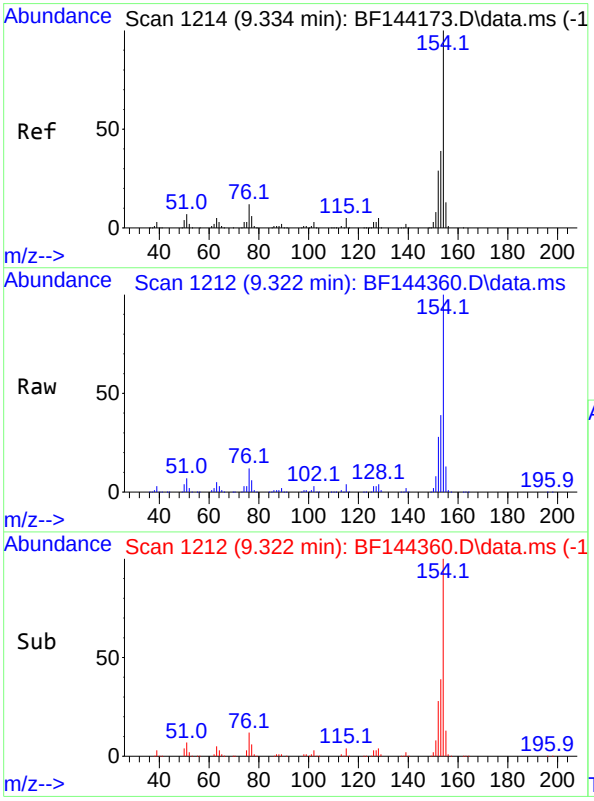
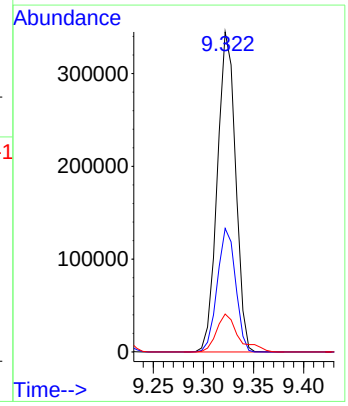
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

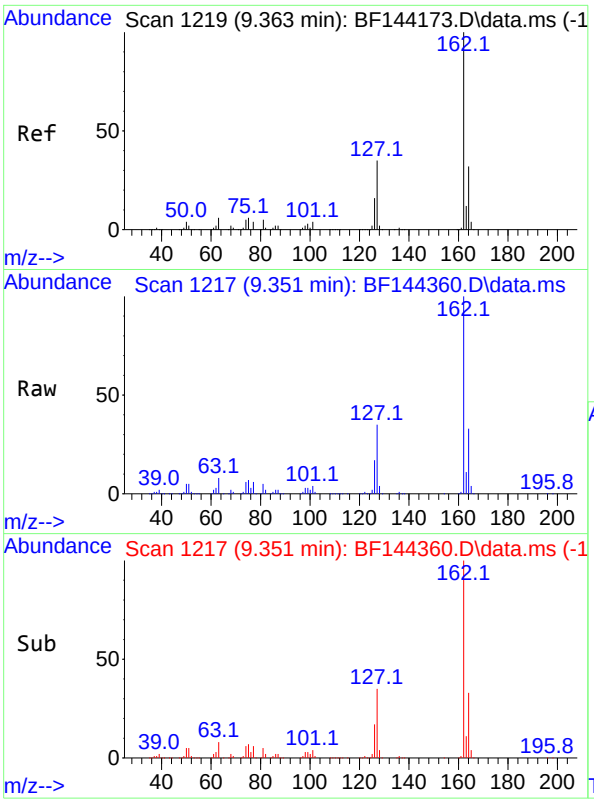



#46
1,1'-Biphenyl
Concen: 46.919 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:154 Resp: 436999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.6 | 19.2 | 59.2 |
| 76 | 11.9 | 0.0 | 31.8 |

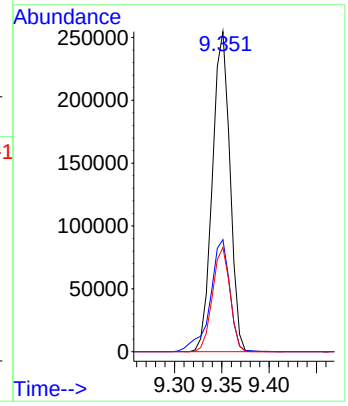





#47
2-Chloronaphthalene
Concen: 41.266 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:162 Resp: 32785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 35.0 | 28.8 | 43.2 |
| 164 | 32.5 | 25.8 | 38.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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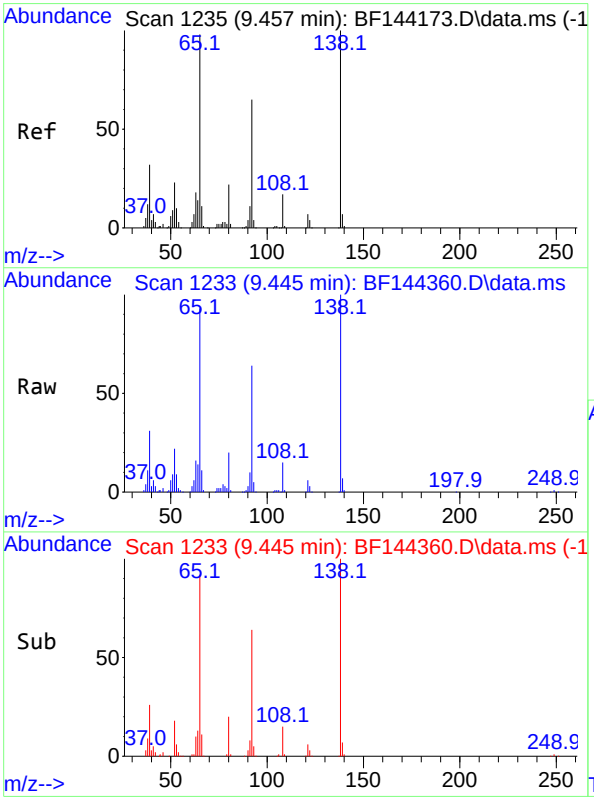
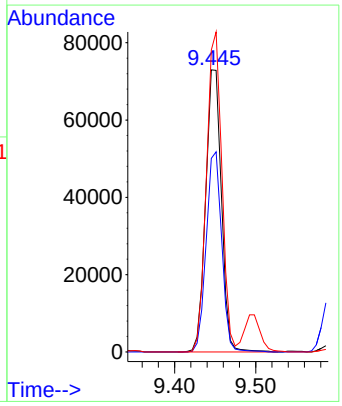
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

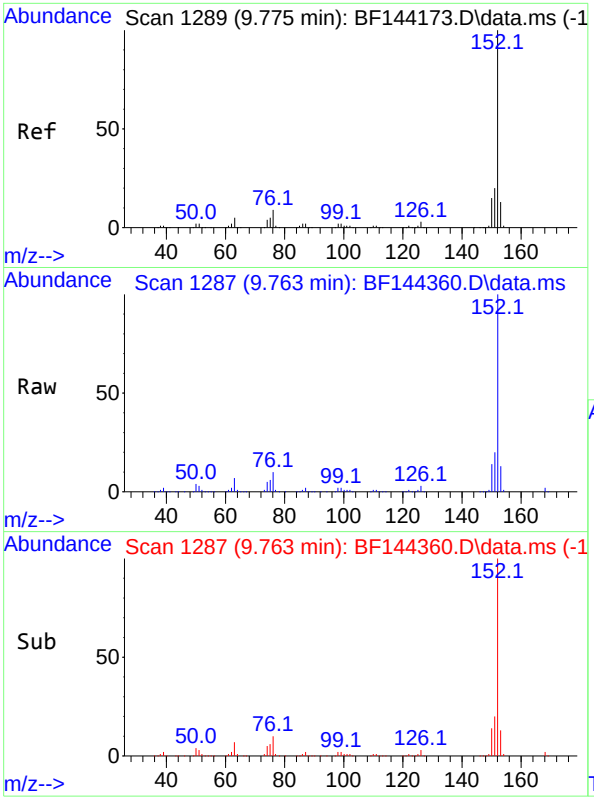



#48
2-Nitroaniline
Concen: 42.796 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 65 Resp: 98103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.6 | 53.0 | 79.6 |
| 138 | 107.0 | 81.6 | 122.4 |

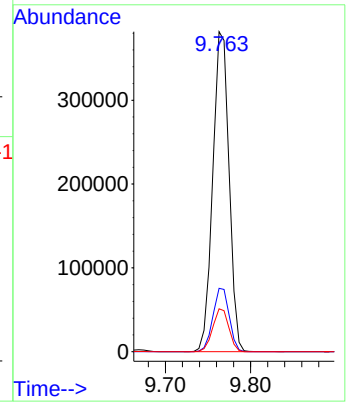





#49
Acenaphthylene
Concen: 46.852 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:152 Resp: 50724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.4 | 10.5 | 15.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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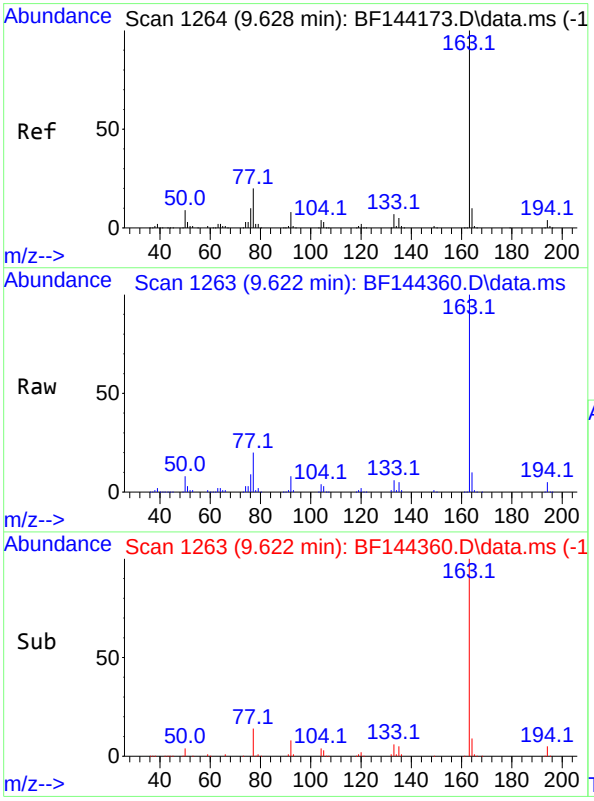
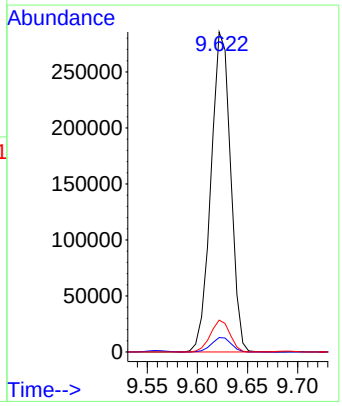
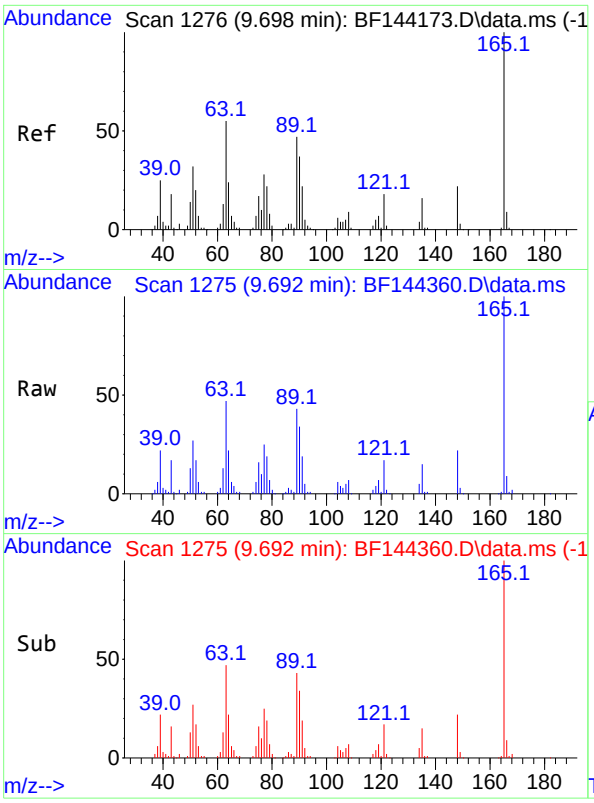



#50
Dimethylphthalate
Concen: 44.064 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:163 Resp: 389505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.3 | 4.9 |
| 164 | 9.9 | 8.1 | 12.1 |

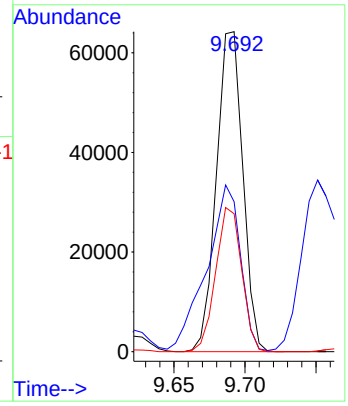





#51
2,6-Dinitrotoluene
Concen: 46.401 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:165 Resp: 8303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.8 | 43.8 | 65.8 |
| 89 | 43.1 | 37.5 | 56.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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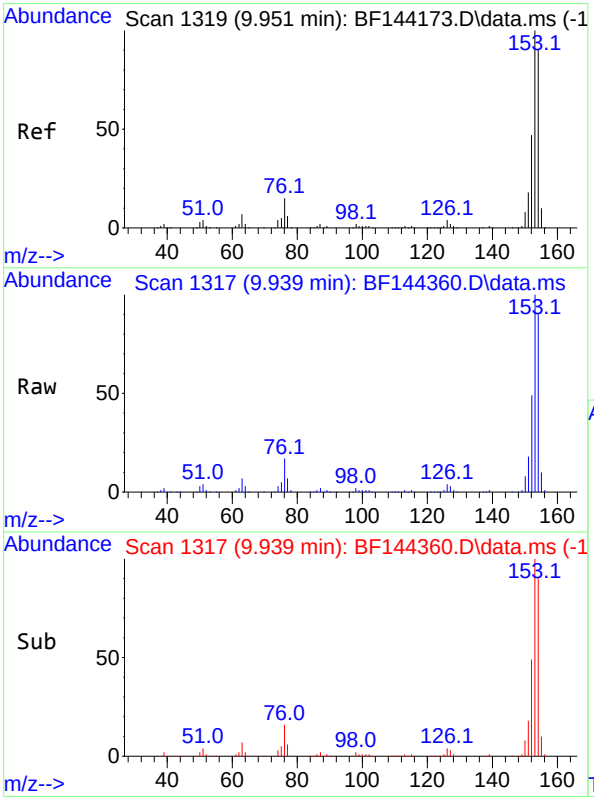
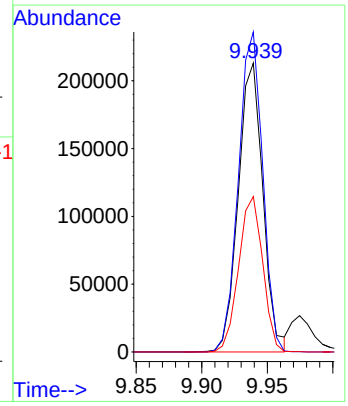
Supervised By :mohammad ahmed 12/03/2025

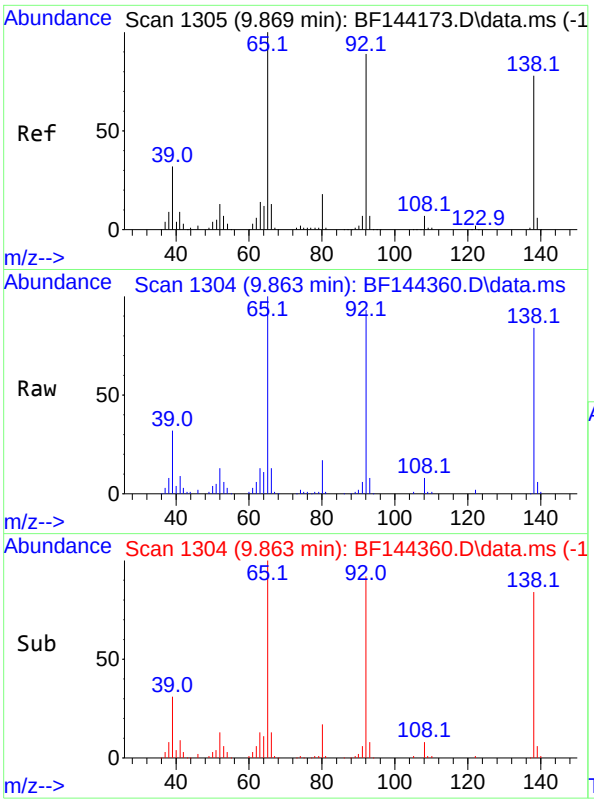



#52
Acenaphthene
Concen: 38.562 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:154 Resp: 279188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.8 | 89.0 | 133.4 |
| 152 | 53.8 | 42.2 | 63.4 |






#53
3-Nitroaniline
Concen: 31.690 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:138 Resp: 6198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.4 | 7.5 | 11.3 |
| 92 | 110.4 | 91.8 | 137.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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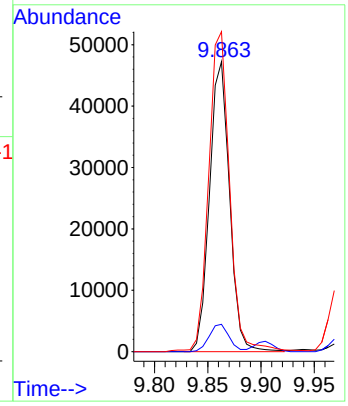
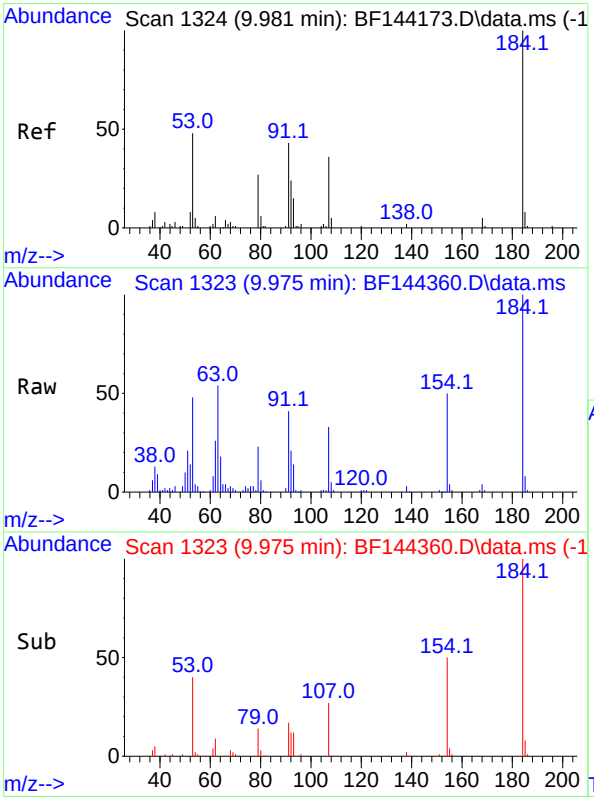
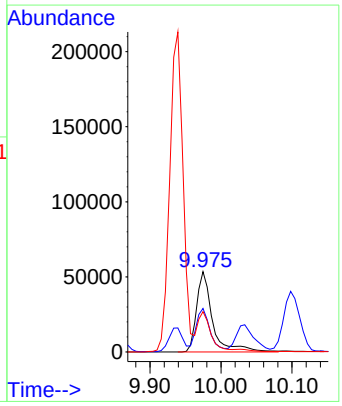


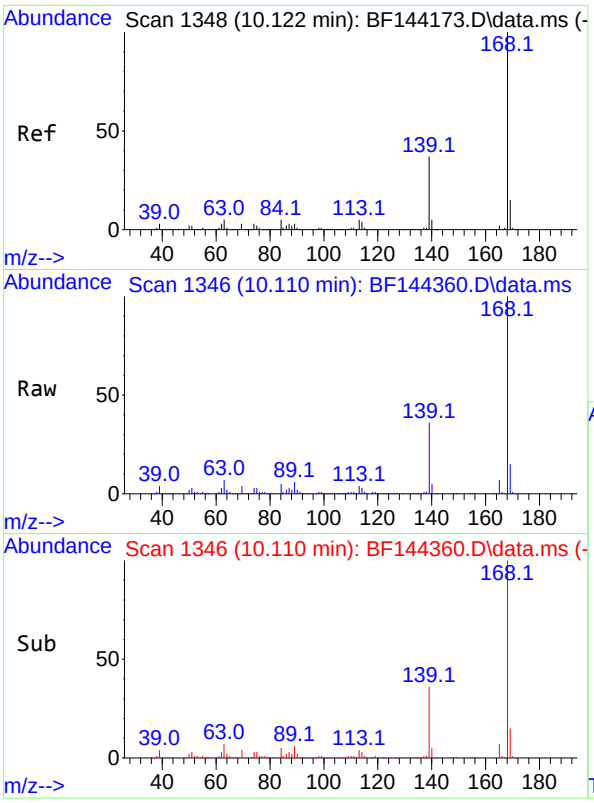




#54
2,4-Dinitrophenol
Concen: 77.738 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:184 Resp: 83999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 54.3 | 44.0 | 66.0 |
| 154 | 50.1 | 42.4 | 63.6 |

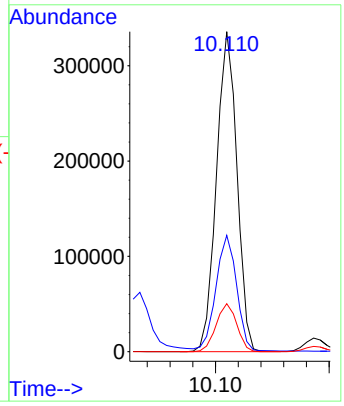





#55
Dibenzofuran
Concen: 41.471 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:168 Resp: 42050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.4 | 30.2 | 45.2 |
| 169 | 15.0 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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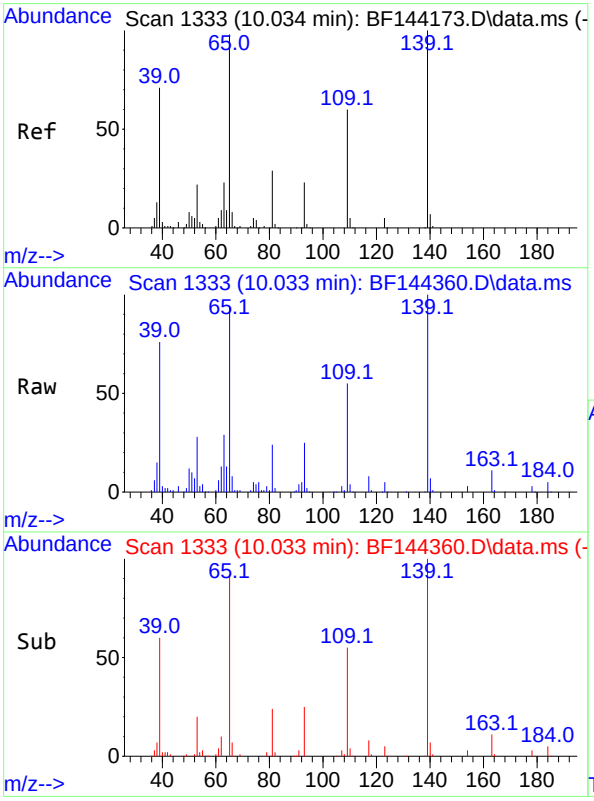
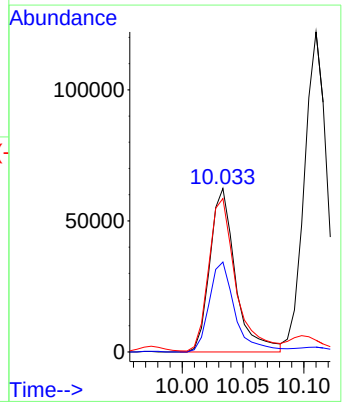
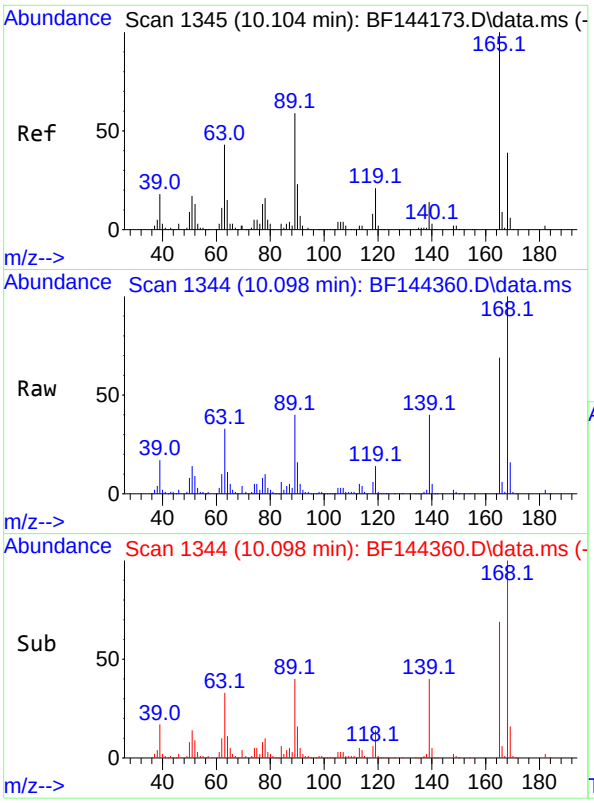



#56
4-Nitrophenol
Concen: 64.325 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:139 Resp: 91018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 55.0 | 39.9 | 79.9 |
| 65 | 93.9 | 79.5 | 119.5 |

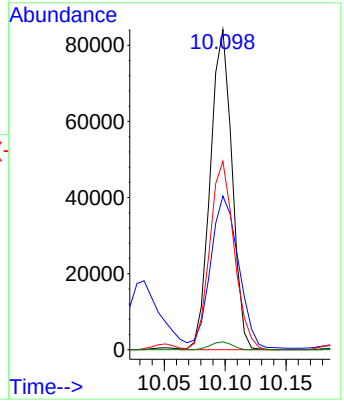





#57
2,4-Dinitrotoluene
Concen: 43.439 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:165 Resp: 10405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.0 | 35.5 | 53.3 |
| 89 | 58.8 | 47.4 | 71.2 |
| 182 | 2.5 | 1.9 | 2.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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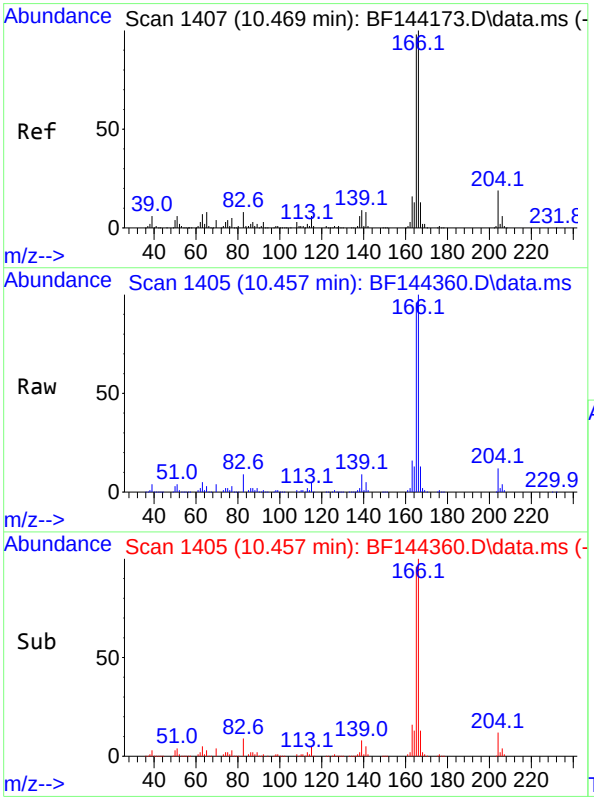
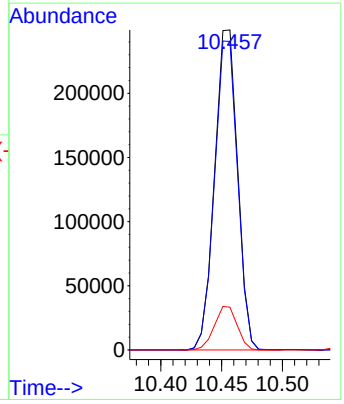
Supervised By :mohammad ahmed 12/03/2025

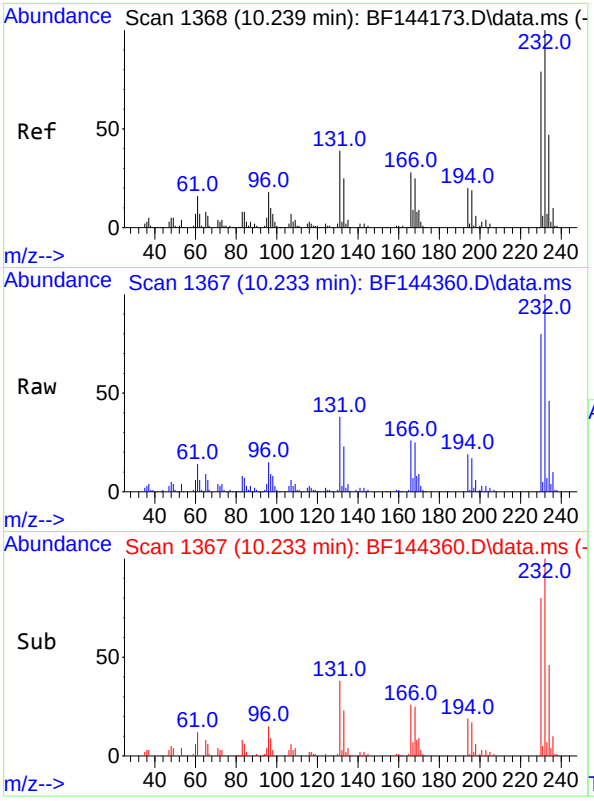



#58
Fluorene
Concen: 42.675 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:166 Resp: 328997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.4 | 78.6 | 118.0 |
| 167 | 13.3 | 10.4 | 15.6 |

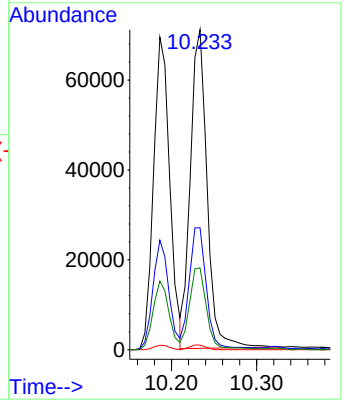





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.562 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:232 Resp: 9659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.2 | 30.3 | 45.5 |
| 130 | 1.4 | 1.2 | 1.8 |
| 166 | 25.5 | 21.5 | 32.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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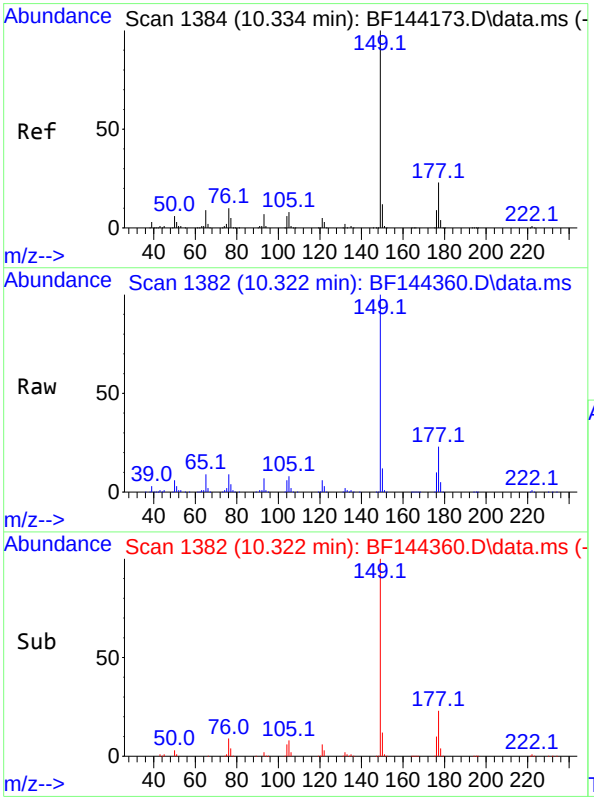
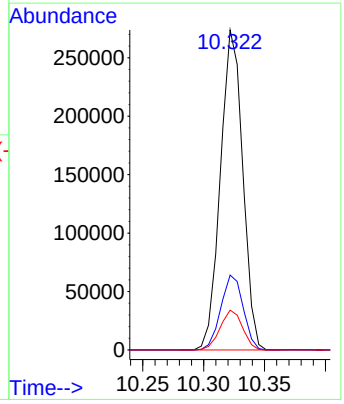
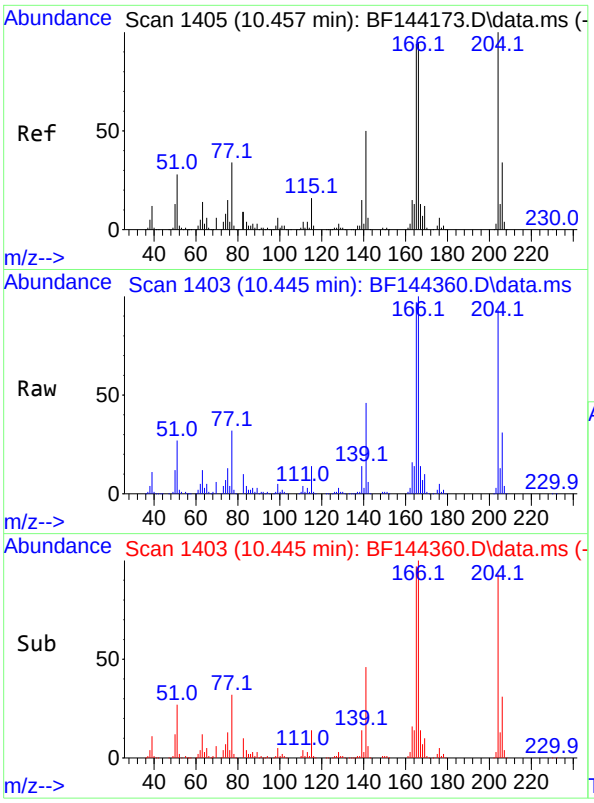



#60
Diethylphthalate
Concen: 42.849 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:149 Resp: 349165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.4 | 18.3 | 27.5 |
| 150 | 12.5 | 9.8 | 14.6 |






#61
4-Chlorophenyl-phenylether
Concen: 40.527 ng
RT: 10.445 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

Tgt Ion:204 Resp: 17797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 27.4 | 41.2 |
| 141 | 49.7 | 40.0 | 60.0 |

**Manual Integrations**
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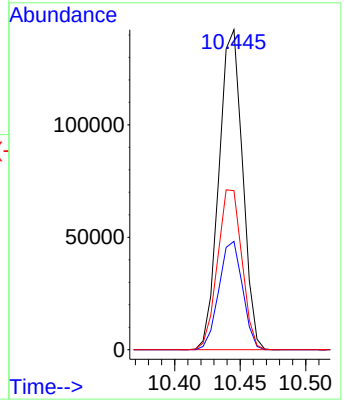
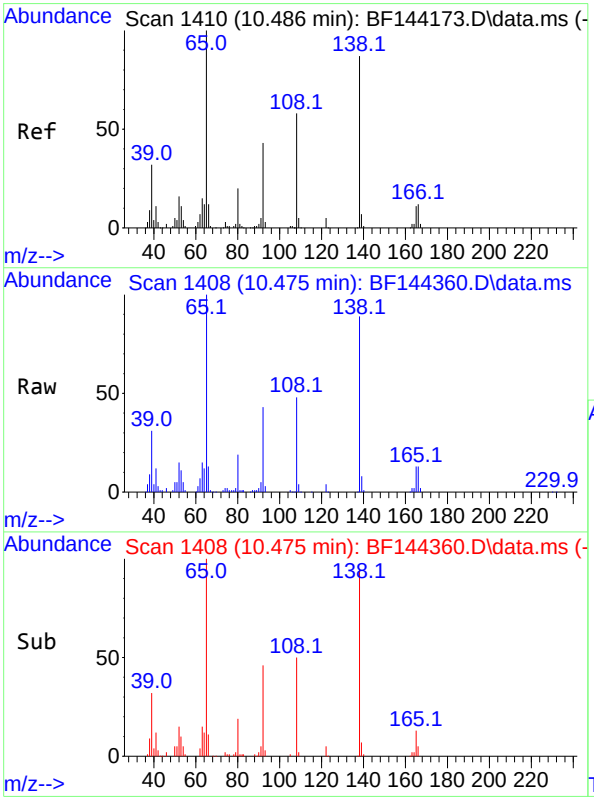
Supervised By :mohammad ahmed 12/03/2025

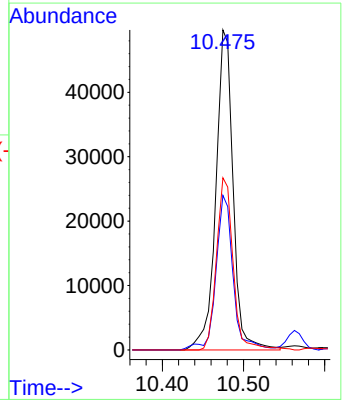


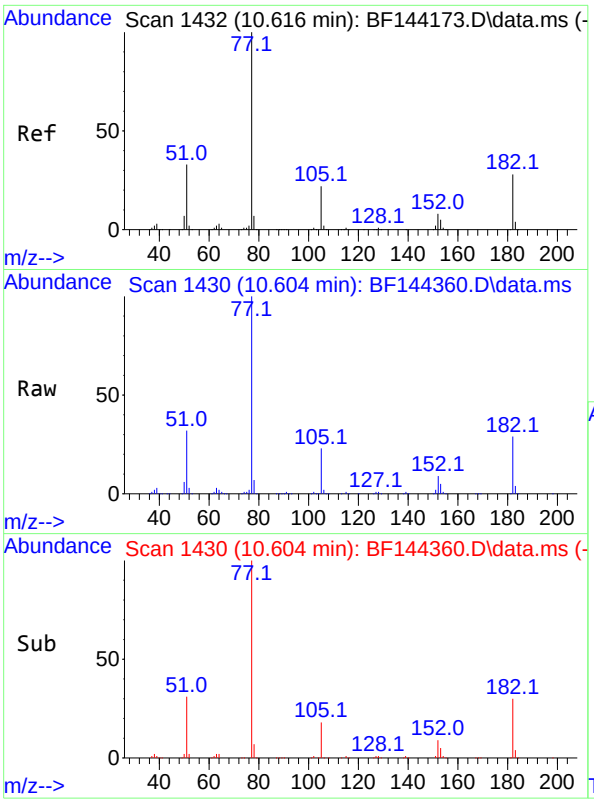




#62
4-Nitroaniline
Concen: 39.466 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:138 Resp: 73519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.3 | 29.4 | 69.4 |
| 108 | 53.8 | 46.4 | 86.4 |

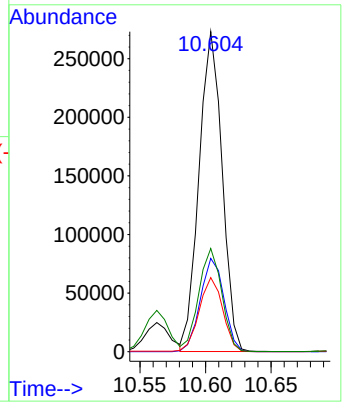





#63
Azobenzene
Concen: 44.212 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion: 77 Resp: 33529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.1 | 8.1 | 48.1 |
| 105 | 23.2 | 2.0 | 42.0 |
| 51 | 32.3 | 13.9 | 53.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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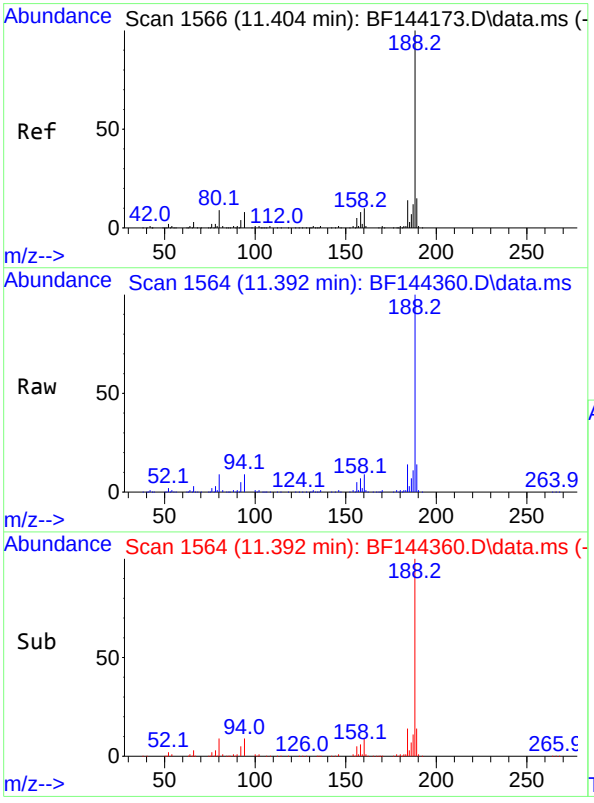
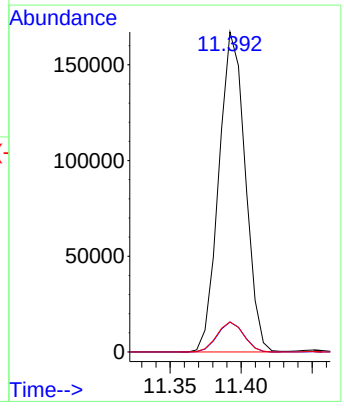
Supervised By :mohammad ahmed 12/03/2025

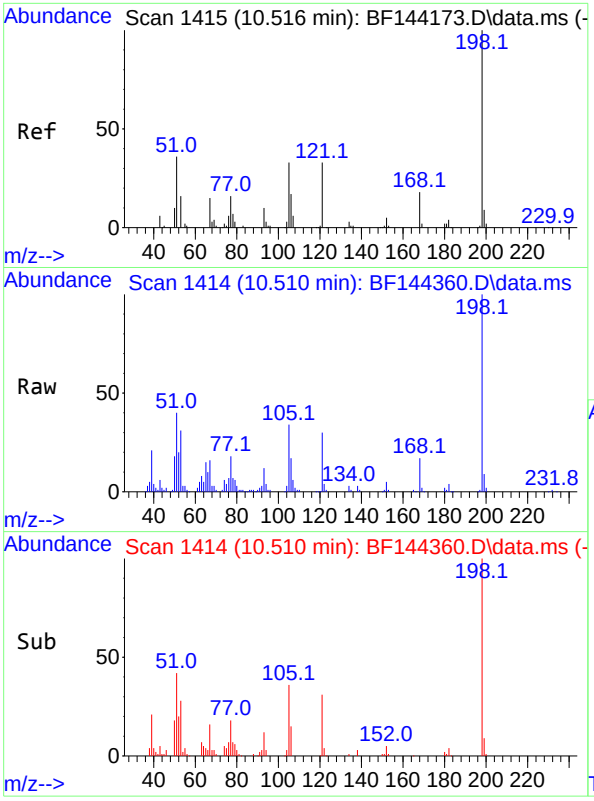



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:188 Resp: 215808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 6.2 | 9.2# |
| 80 | 9.4 | 6.9 | 10.3 |

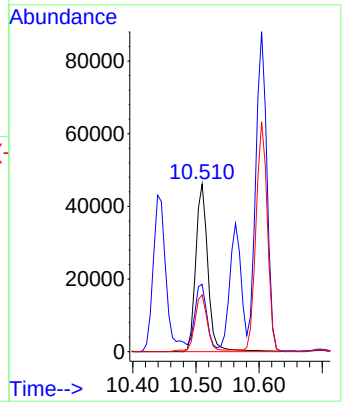





#65
4,6-Dinitro-2-methylphenol
Concen: 42.055 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:198 Resp: 6165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.2 | 25.6 | 65.6 |
| 105 | 33.9 | 14.6 | 54.6 |




**Instrument :**
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PB170735BS

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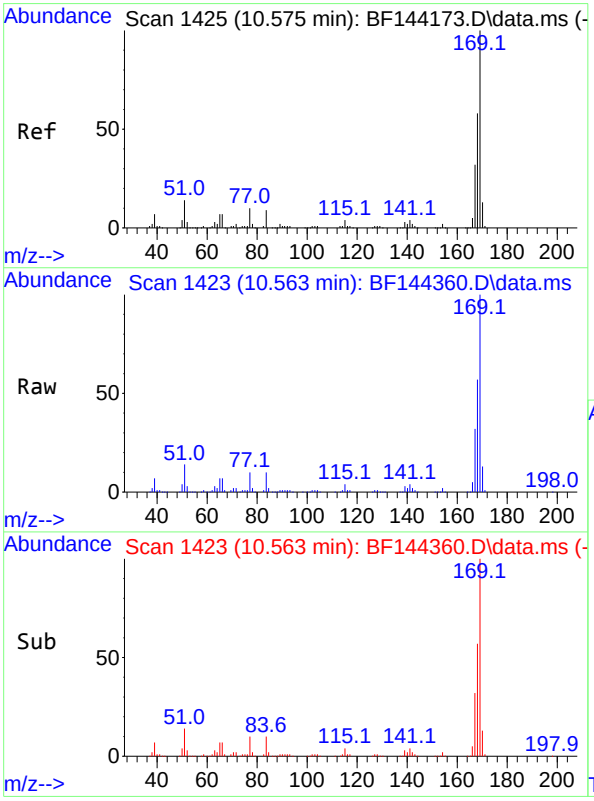
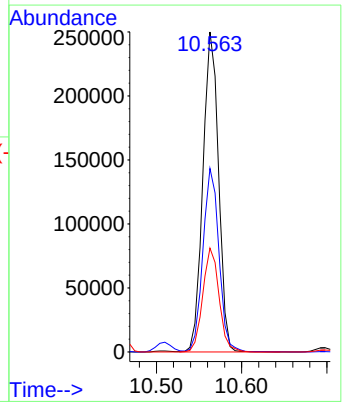
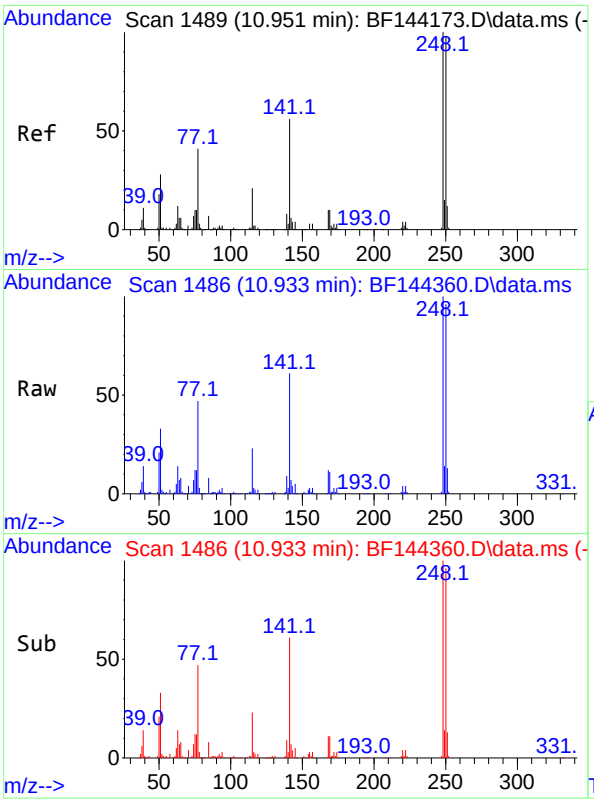



#66
n-Nitrosodiphenylamine
Concen: 45.953 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:169 Resp: 318960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 57.3 | 46.2 | 69.2 |
| 167 | 32.5 | 25.7 | 38.5 |

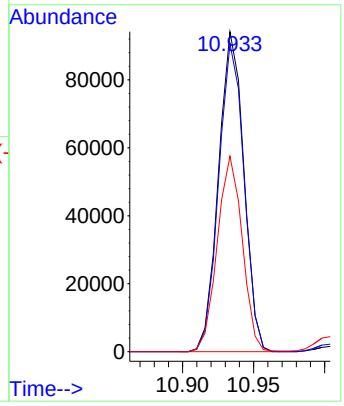





#67
4-Bromophenyl-phenylether
Concen: 42.291 ng
RT: 10.933 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:248 Resp: 11649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.3 | 78.4 | 117.6 |
| 141 | 61.1 | 45.1 | 67.7 |




**Instrument :**
BNA_F
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PB170735BS

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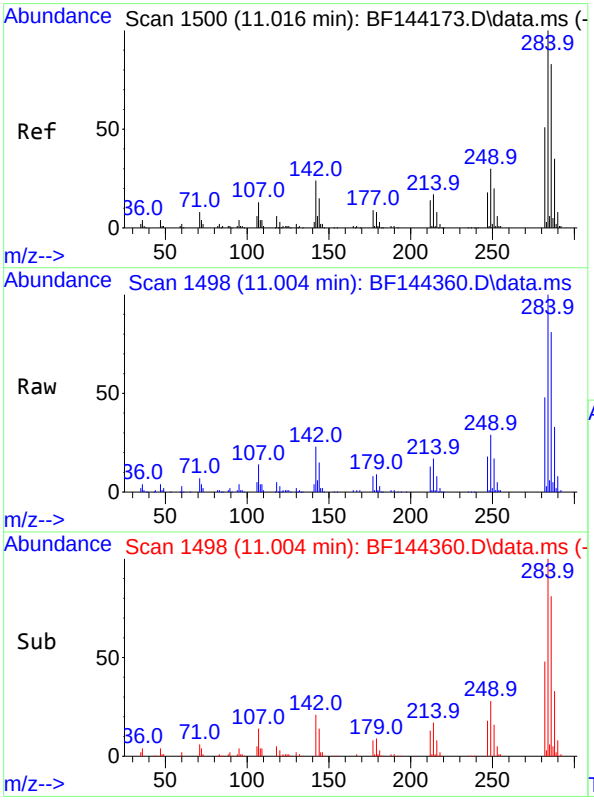
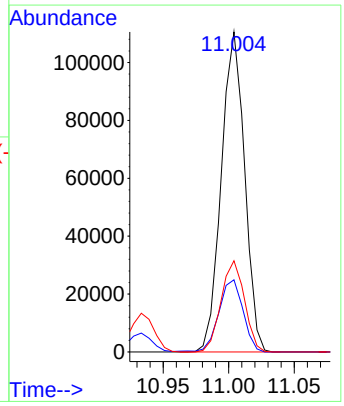
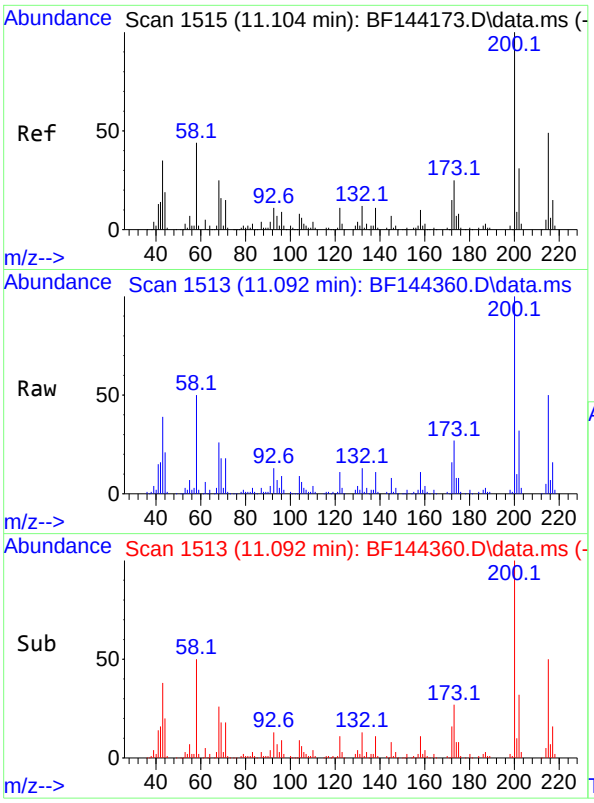



#68
Hexachlorobenzene
Concen: 42.047 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:284 Resp: 136422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.5 | 19.2 | 28.8 |
| 249 | 28.5 | 23.8 | 35.8 |

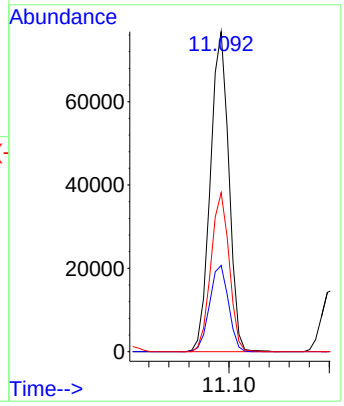





#69
Atrazine
Concen: 44.403 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:200 Resp: 9801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.9 | 5.0 | 45.0 |
| 215 | 49.7 | 28.7 | 68.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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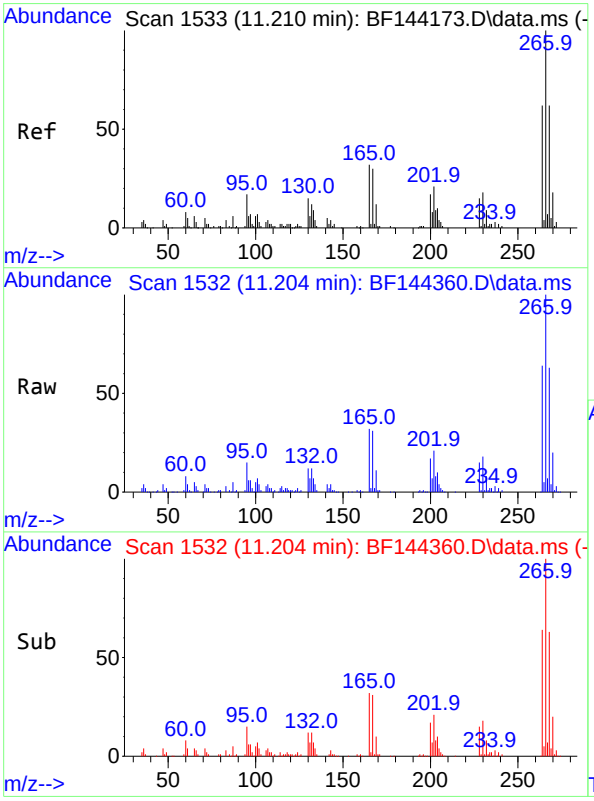
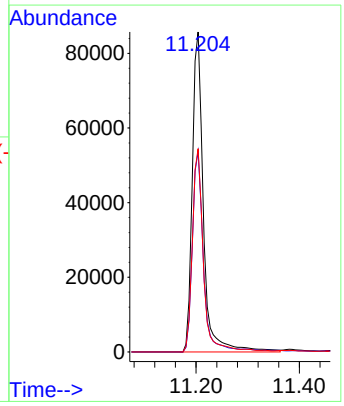
Supervised By :mohammad ahmed 12/03/2025

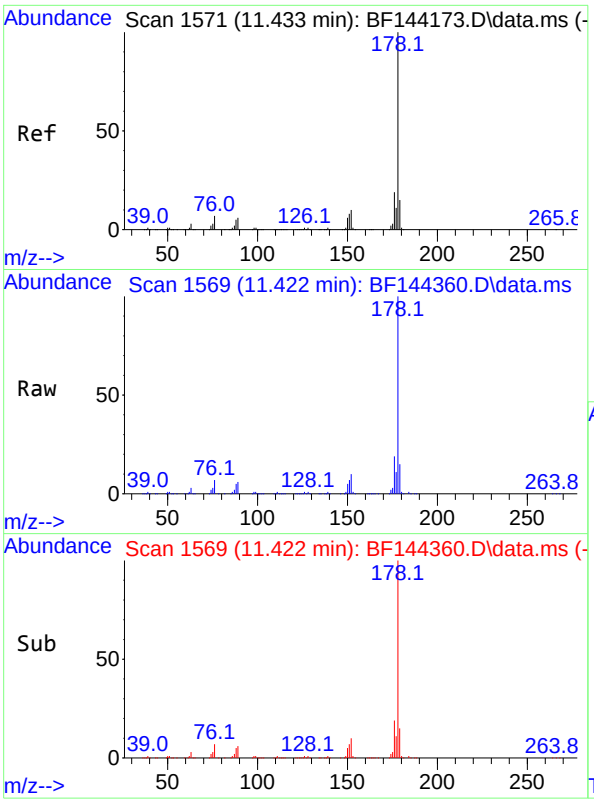



#70
Pentachlorophenol
Concen: 79.676 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:266 Resp: 128729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.7 | 49.5 | 74.3 |
| 264 | 63.5 | 49.4 | 74.2 |

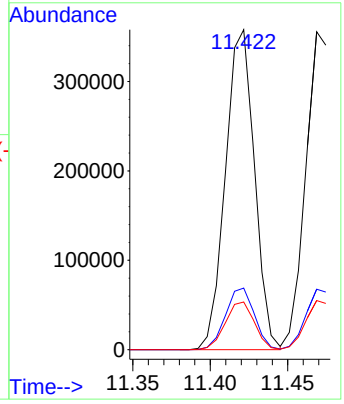





#71
Phenanthrene
Concen: 43.391 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:178 Resp: 46623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.5 | 23.3 |
| 179 | 14.9 | 12.2 | 18.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
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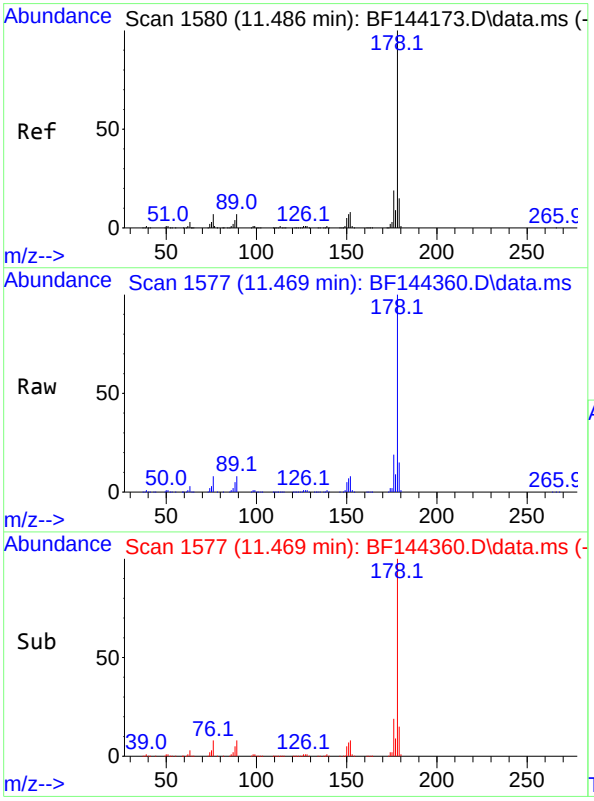
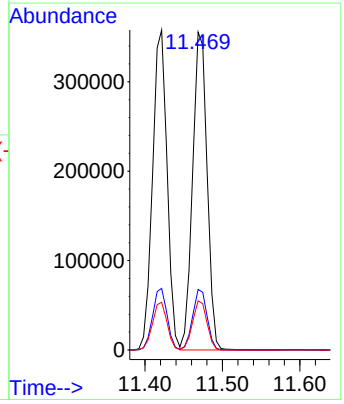
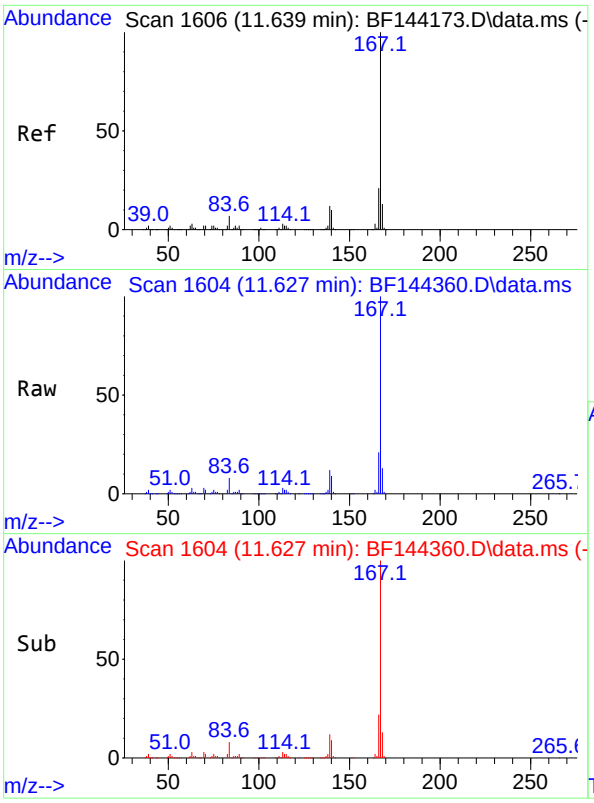



#72
Anthracene
Concen: 42.232 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:178 Resp: 461409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.4 | 12.0 | 18.0 |

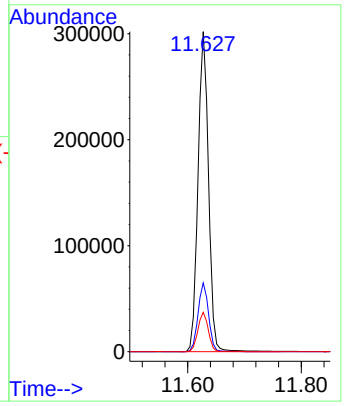





#73
Carbazole
Concen: 41.840 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:167 Resp: 38871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.2 | 25.8 |
| 139 | 12.3 | 9.9 | 14.9 |




**Instrument :**
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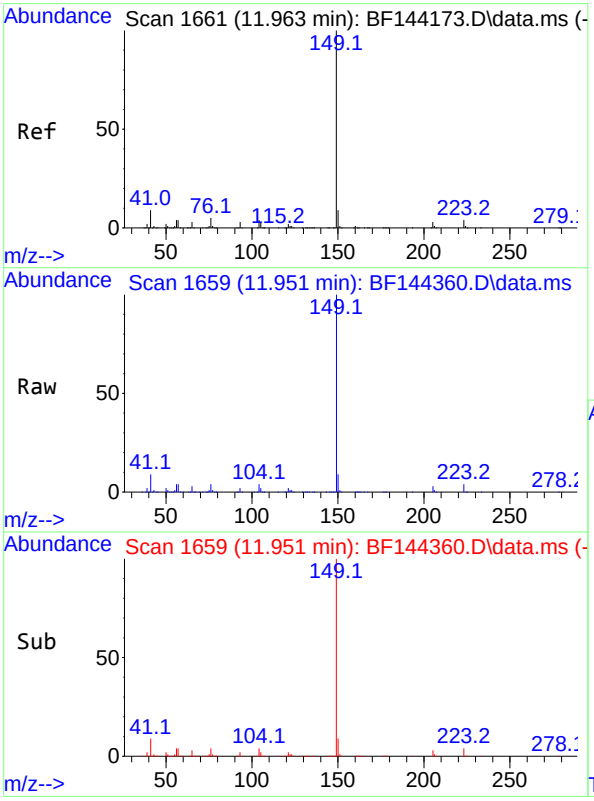
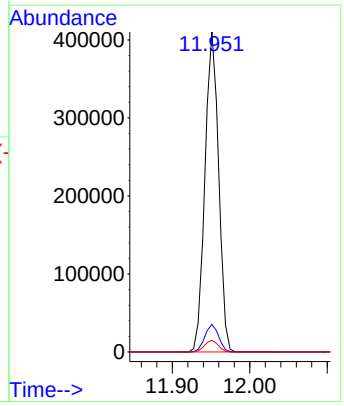
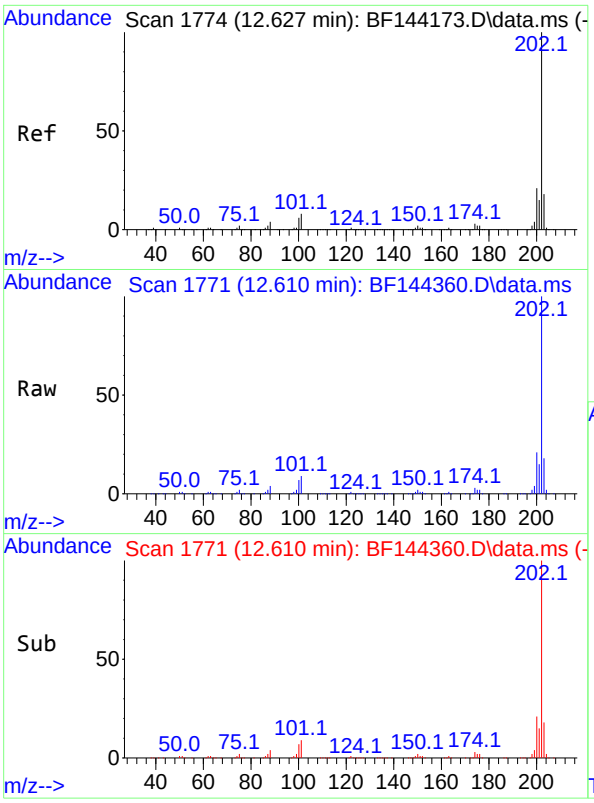



#74
Di-n-butylphthalate
Concen: 44.786 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:149 Resp: 502995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.6 | 7.4 | 11.0 |
| 104 | 3.7 | 3.4 | 5.2 |

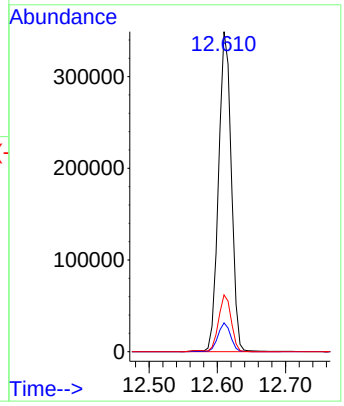





#75
Fluoranthene
Concen: 40.965 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:202 Resp: 45468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.0 | 0.0 | 27.9 |
| 203 | 17.8 | 0.0 | 37.5 |




**Instrument :**
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PB170735BS

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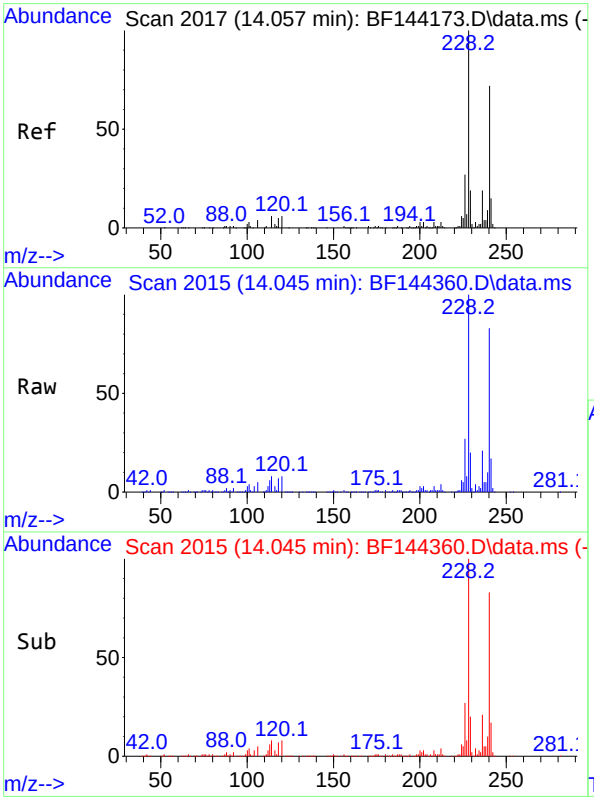
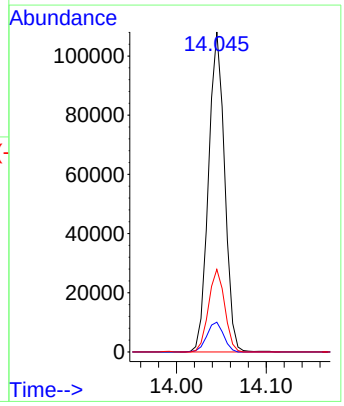
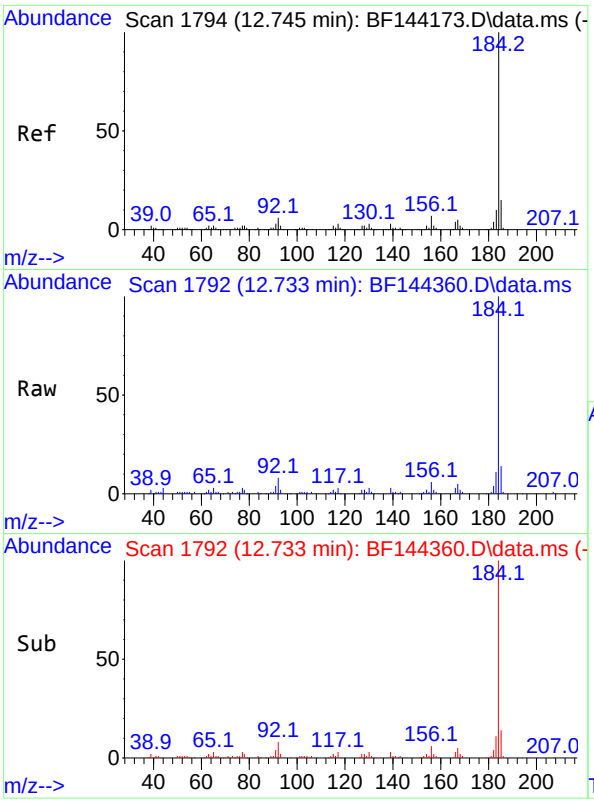



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:240 Resp: 134794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 6.6 | 10.0 |
| 236 | 25.8 | 21.4 | 32.2 |

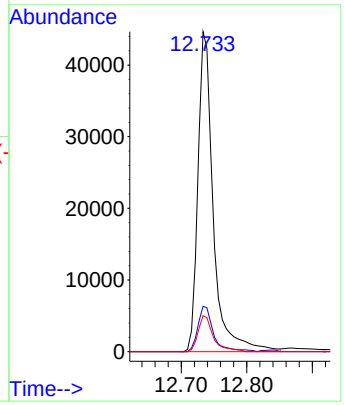





#77
Benzidine
Concen: 18.297 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:184 Resp: 7295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.7 | 17.5 |
| 183 | 11.2 | 8.3 | 12.5 |




**Instrument :**
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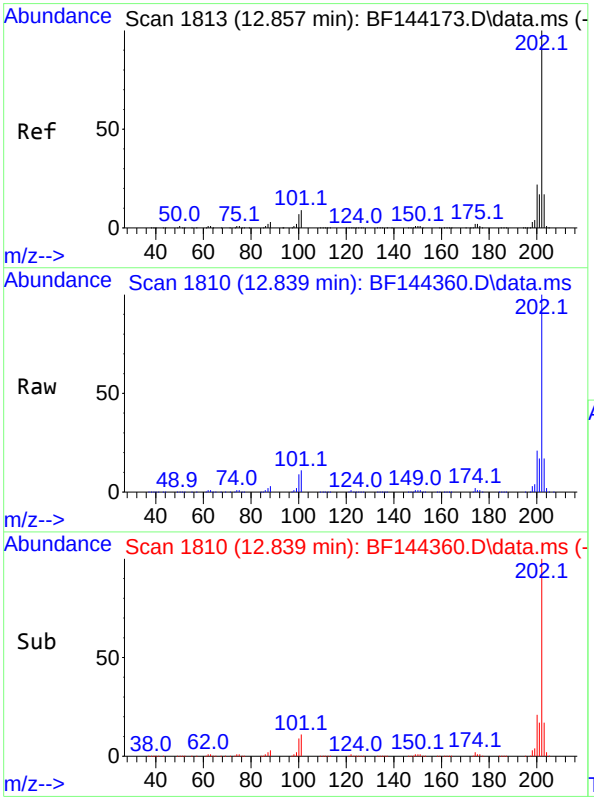
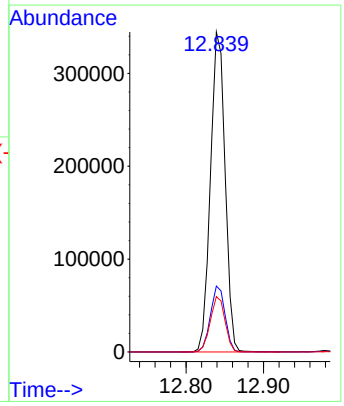
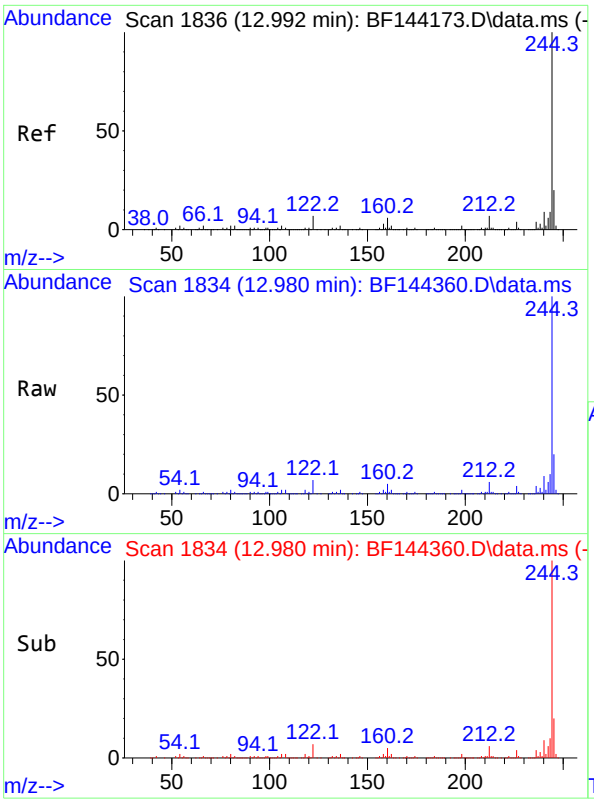



#78
Pyrene
Concen: 41.627 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:202 Resp: 452414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 17.2 | 25.8 |
| 203 | 17.3 | 13.7 | 20.5 |

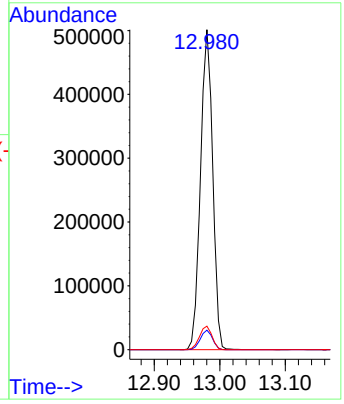





#79
Terphenyl-d14
Concen: 76.489 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:244 Resp: 64909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.3 | 7.9 |
| 122 | 7.3 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

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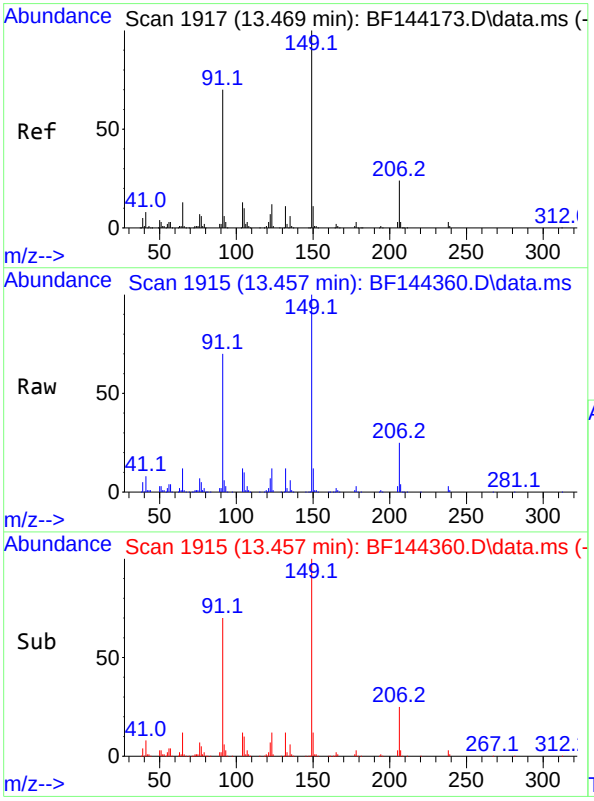
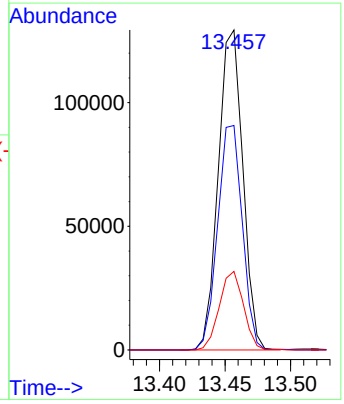
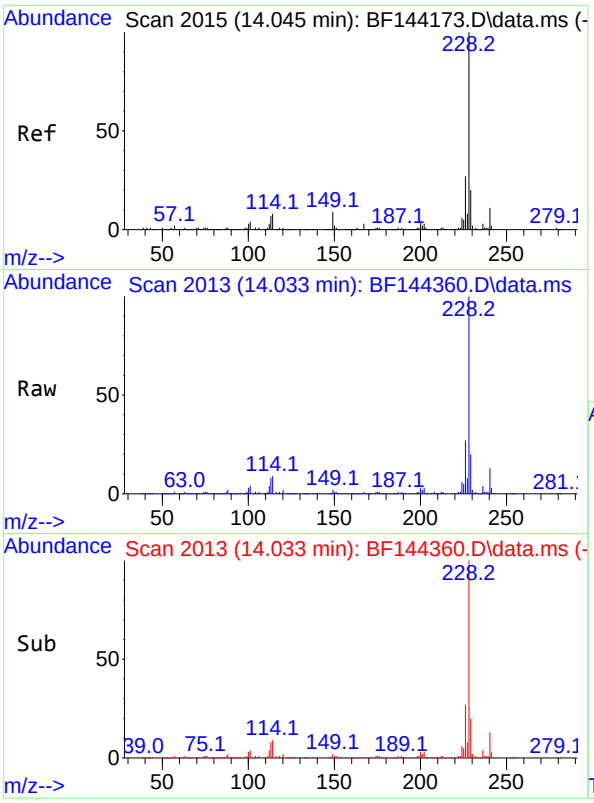



#80
Butylbenzylphthalate
Concen: 44.725 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:149 Resp: 168470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.2 | 56.1 | 84.1 |
| 206 | 24.6 | 18.8 | 28.2 |

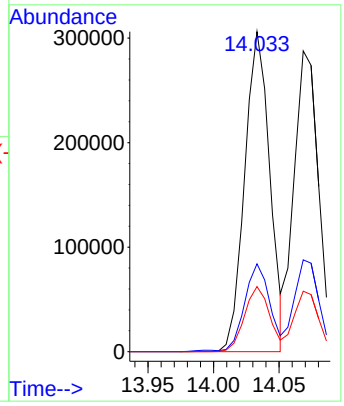





#81
Benzo(a)anthracene
Concen: 43.661 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:228 Resp: 40788

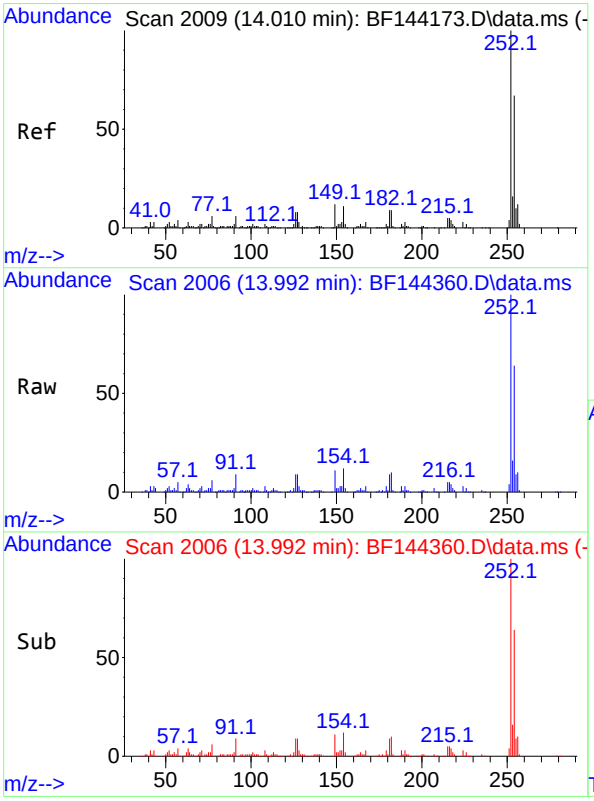
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 21.8 | 32.8 |
| 229 | 20.4 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

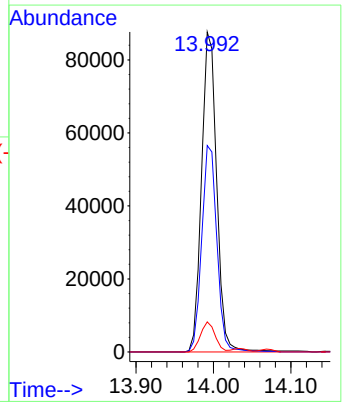
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

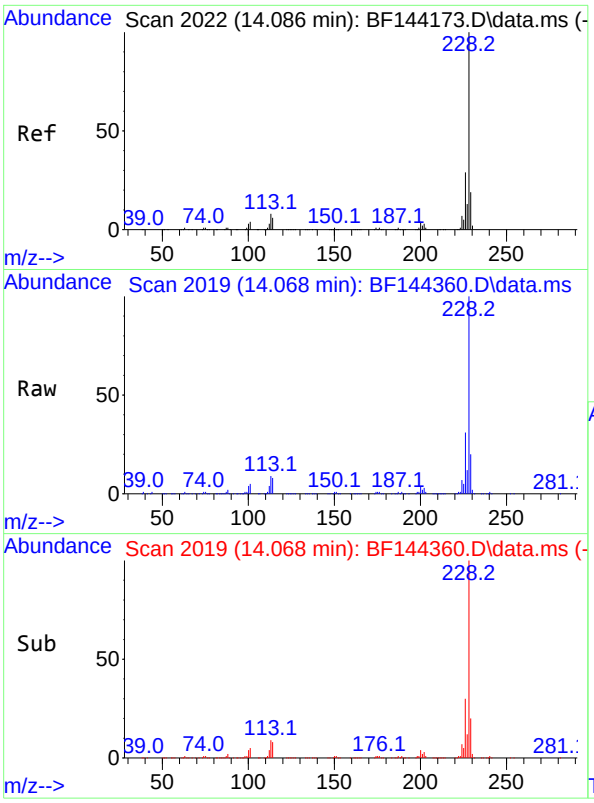



#82
3,3'-Dichlorobenzidine
Concen: 37.154 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:252 Resp: 118978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 53.5 | 80.3 |
| 126 | 9.4 | 6.4 | 9.6 |

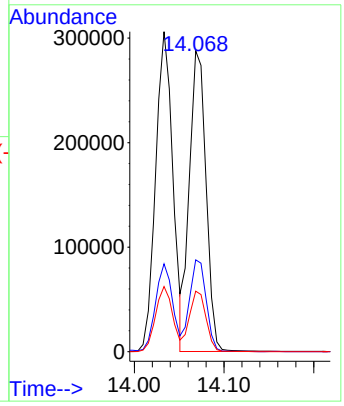





#83
Chrysene
Concen: 43.123 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:228 Resp: 37189

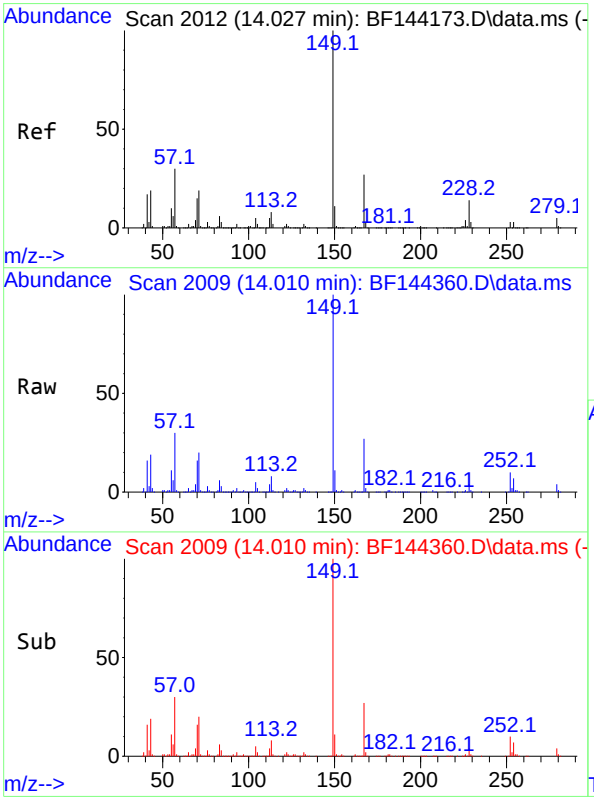
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 22.9 | 34.3 |
| 229 | 20.1 | 15.0 | 22.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

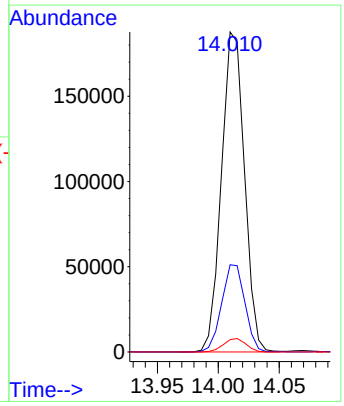
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

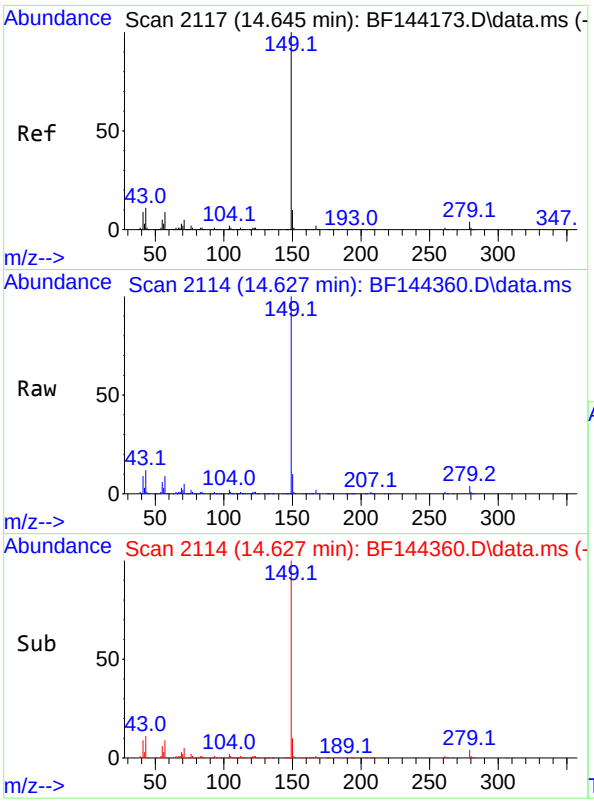



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.908 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:149 Resp: 247038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 21.8 | 32.8 |
| 279 | 3.9 | 3.7 | 5.5 |

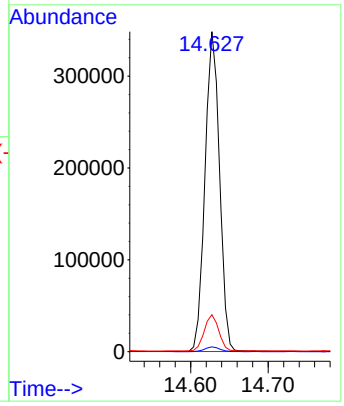





#85
Di-n-octyl phthalate
Concen: 51.000 ng
RT: 14.627 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:149 Resp: 45373

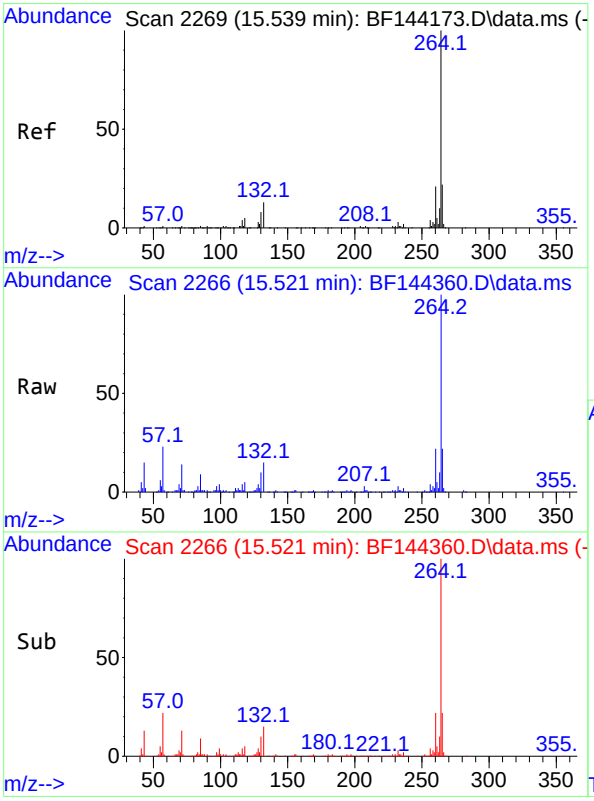
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 11.2 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

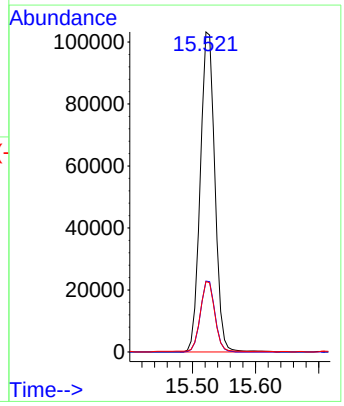
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

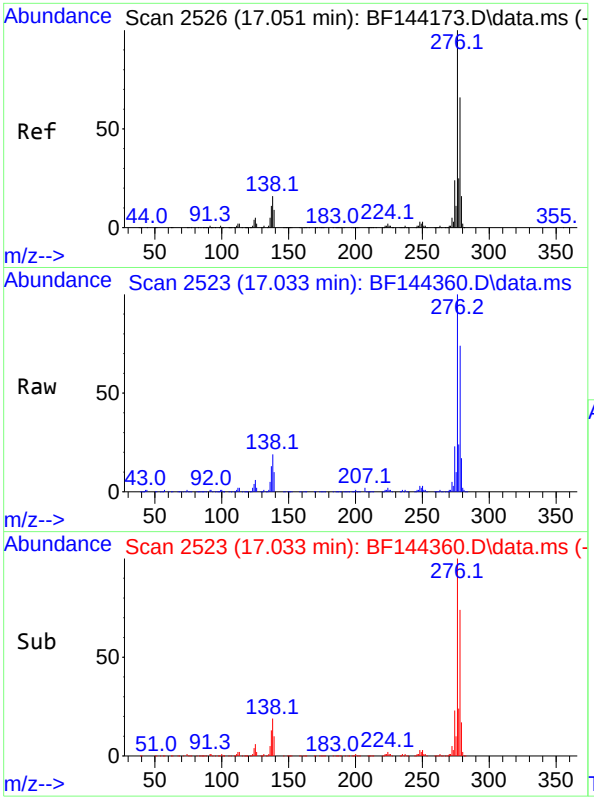



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:264 Resp: 165299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 17.1 | 25.7 |
| 265 | 22.0 | 17.4 | 26.0 |

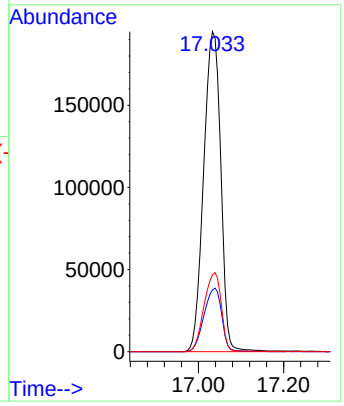





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.798 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:276 Resp: 54343

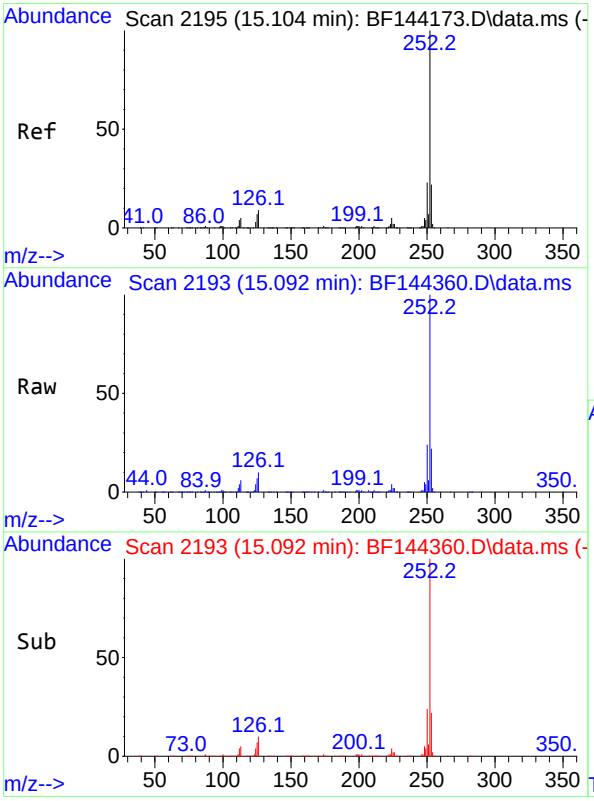
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.5 | 13.9 | 20.9 |
| 277 | 25.0 | 19.8 | 29.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

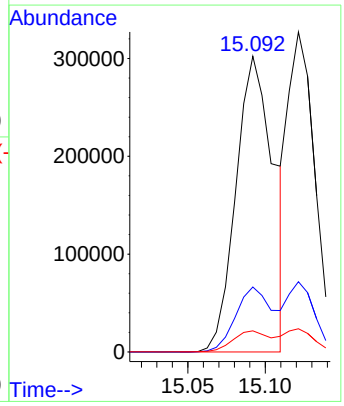
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

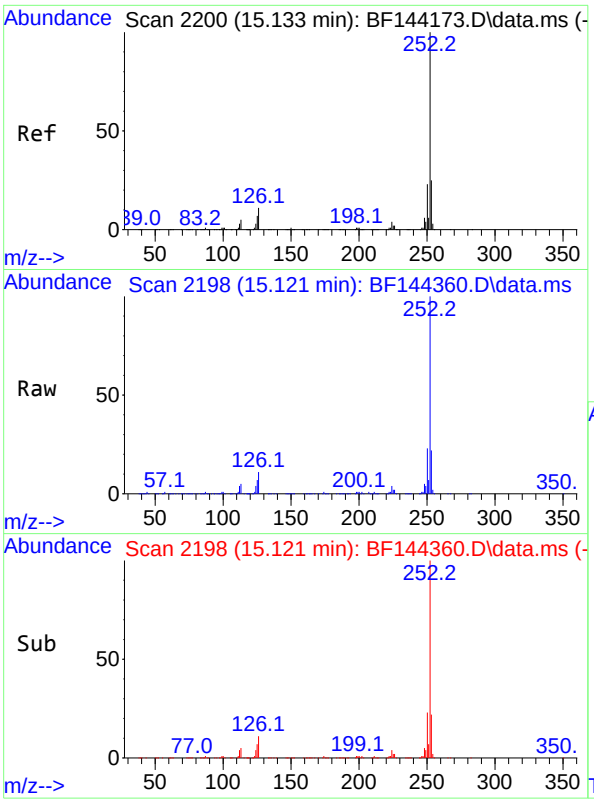



#88
Benzo(b)fluoranthene
Concen: 54.294 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:252 Resp: 510236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 7.1 | 5.3 | 7.9 |

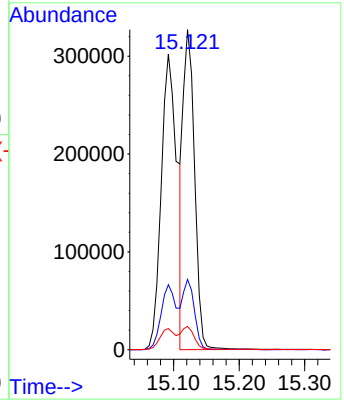





#89
Benzo(k)fluoranthene
Concen: 44.967 ng
RT: 15.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:252 Resp: 39553

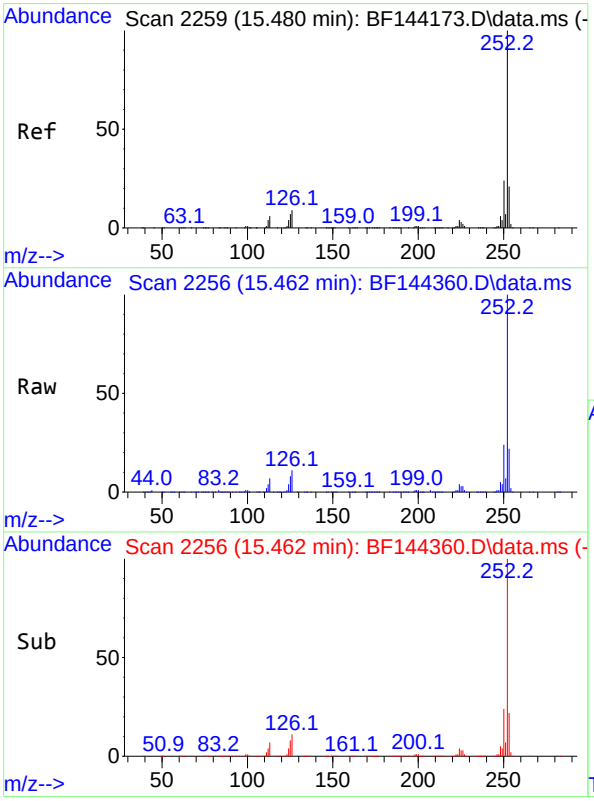
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.0 | 27.0 |
| 125 | 7.3 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

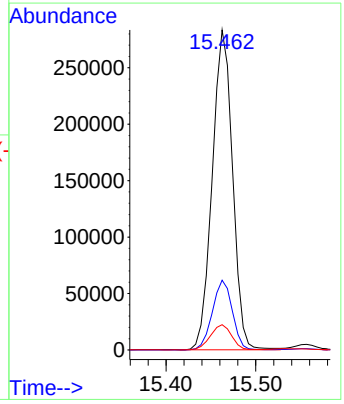
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

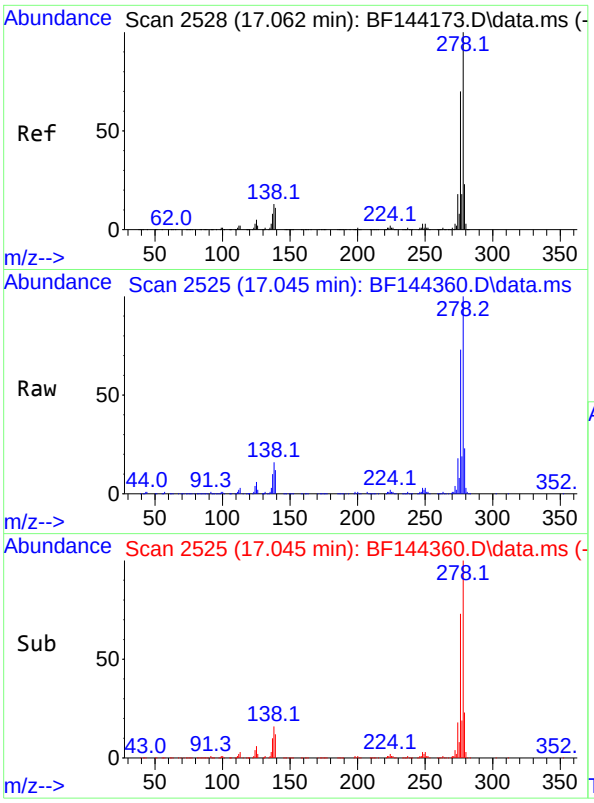



#90
Benzo(a)pyrene
Concen: 51.387 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:252 Resp: 445511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 16.7 | 25.1 |
| 125 | 7.9 | 5.7 | 8.5 |

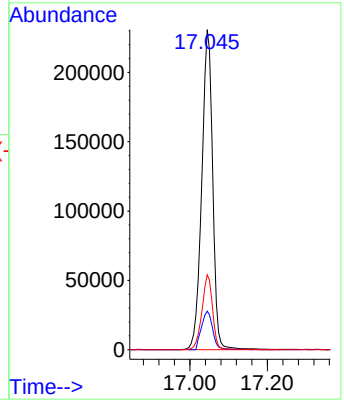





#91
Dibenzo(a,h)anthracene
Concen: 47.398 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:278 Resp: 45168

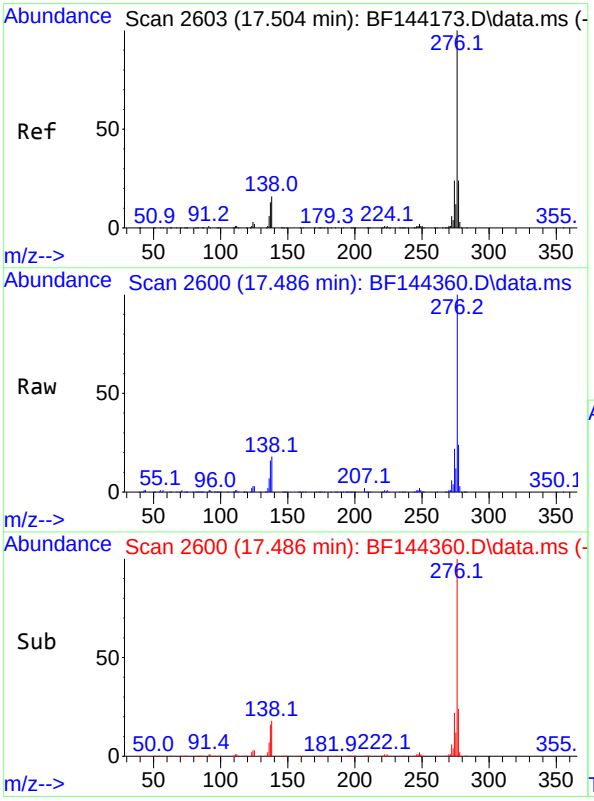
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.0 | 9.1 | 13.7 |
| 279 | 23.4 | 18.2 | 27.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB170735BS

**Manual Integrations**
**APPROVED**

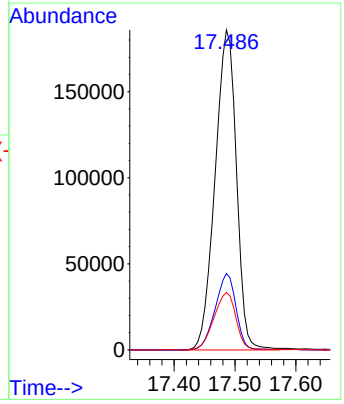
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025




#92
Benzo(g,h,i)perylene
Concen: 48.162 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:276 Resp: 453226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.0 | 28.4 |
| 138 | 18.0 | 12.9 | 19.3 |



Raw Data: **BP026201.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15BMS | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10MS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 1200 | | 1 | 170 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 108-95-2 | Phenol | 1700 | | 1 | 24.7 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1700 | | 1 | 27.2 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 1800 | | 1 | 27.3 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 95-48-7 | 2-Methylphenol | 1700 | | 1 | 33.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1700 | | 1 | 41.9 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 98-86-2 | Acetophenone | 1800 | | 1 | 33.0 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 1700 | | 1 | 45.9 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1600 | | 1 | 53.0 | 89.4 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 67-72-1 | Hexachloroethane | 1800 | | 1 | 19.7 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 98-95-3 | Nitrobenzene | 1800 | | 1 | 20.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 78-59-1 | Isophorone | 1700 | | 1 | 36.7 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 1800 | | 1 | 65.0 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 1800 | | 1 | 72.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1700 | | 1 | 34.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 1800 | | 1 | 31.6 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 91-20-3 | Naphthalene | 1700 | | 1 | 25.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 760 | | 1 | 39.6 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 1800 | | 1 | 28.3 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 105-60-2 | Caprolactam | 1700 | | 1 | 58.2 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 1800 | | 1 | 32.1 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 1600 | | 1 | 28.6 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 3500 | E | 1 | 130 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1900 | | 1 | 22.1 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1900 | | 1 | 32.5 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 1800 | | 1 | 24.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 1800 | | 1 | 25.1 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 1800 | | 1 | 53.7 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 131-11-3 | Dimethylphthalate | 1800 | | 1 | 30.3 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 208-96-8 | Acenaphthylene | 1800 | | 1 | 32.3 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 2000 | | 1 | 37.5 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 1100 | | 1 | 51.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 83-32-9 | Acenaphthene | 1800 | | 1 | 23.8 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 4000 | E | 1 | 260 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 3400 | E | 1 | 120 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 132-64-9 | Dibenzofuran | 1800 | | 1 | 25.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 1900 | | 1 | 56.0 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 84-66-2 | Diethylphthalate | 1900 | | 1 | 31.6 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1800 | | 1 | 29.8 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 86-73-7 | Fluorene | 1800 | | 1 | 28.3 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 1600 | | 1 | 71.7 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1900 | | 1 | 120 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |

Raw Data: **BP026201.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15BMS | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10MS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 1900 | | 1 | 36.8 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 1900 | | 1 | 31.1 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 1900 | | 1 | 28.3 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 1912-24-9 | Atrazine | 1900 | | 1 | 38.0 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 87-86-5 | Pentachlorophenol | 3800 | E | 1 | 57.3 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 85-01-8 | Phenanthrene | 1900 | | 1 | 23.4 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 120-12-7 | Anthracene | 1900 | | 1 | 37.2 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 86-74-8 | Carbazole | 1800 | | 1 | 34.9 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 1900 | | 1 | 53.5 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 206-44-0 | Fluoranthene | 1900 | | 1 | 33.5 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 129-00-0 | Pyrene | 2000 | | 1 | 40.2 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 1900 | | 1 | 79.8 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 1200 | | 1 | 41.0 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 1900 | | 1 | 25.7 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 218-01-9 | Chrysene | 1800 | | 1 | 22.2 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1800 | | 1 | 66.2 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 1800 | | 1 | 97.0 | 370 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 1900 | | 1 | 21.2 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 1900 | | 1 | 25.0 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 2000 | | 1 | 33.0 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1900 | | 1 | 32.5 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1900 | | 1 | 30.6 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 1900 | | 1 | 28.7 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1900 | | 1 | 28.6 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 1600 | | 1 | 50.5 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 2000 | | 1 | 30.6 | 190 | ug/Kg | 12/01/25 17:51 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 63.6 | | | 10 - 105 | 42% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 63.1 | | | 10 - 103 | 42% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 42.7 | | | 10 - 108 | 43% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 41.8 | | | 10 - 108 | 42% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 65.1 | | | 10 - 116 | 43% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 44.4 | | | 10 - 109 | 44% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 233000 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 912000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 570000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1130000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 1150000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 1320000 | | | | | | | |

Raw Data: **BP026201.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15BMS | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10MS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026201.D
Acq On : 01 Dec 2025 17:51
Operator : RC/JU
Sample : Q3719-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Quant Time: Dec 01 18:17:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.655 | 152 | 233034 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.413 | 136 | 911777 | 20.000 | ng | -0.04 |
| 39) Acenaphthene-d10 | 14.290 | 164 | 569978 | 20.000 | ng | -0.04 |
| 64) Phenanthrene-d10 | 17.095 | 188 | 1129941 | 20.000 | ng | -0.04 |
| 76) Chrysene-d12 | 21.536 | 240 | 1151085 | 20.000 | ng | -0.04 |
| 86) Perylene-d12 | 24.830 | 264 | 1323407 | 20.000 | ng | -0.08 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.278 | 112 | 923920 | 63.638 | ng | -0.01 |
| 7) Phenol-d6 | 6.837 | 99 | 1166768 | 63.126 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.790 | 82 | 684932 | 42.670 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.807 | 330 | 481439 | 65.112 | ng | -0.03 |
| 45) 2-Fluorobiphenyl | 12.896 | 172 | 1626385 | 41.820 | ng | -0.04 |
| 79) Terphenyl-d14 | 19.836 | 244 | 2507666 | 44.421 | ng | -0.04 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 250774 | 42.585 | ng | 98 |
| 3) Pyridine | 3.608 | 79 | 662225 | 38.913 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.514 | 42 | 304533 | 47.880 | ng | 89 |
| 6) Aniline | 6.990 | 93 | 630018 | 25.816 | ng | 99 |
| 8) 2-Chlorophenol | 7.225 | 128 | 788736 | 47.727 | ng | 99 |
| 9) Benzaldehyde | 6.802 | 77 | 314375 | 32.457 | ng | 100 |
| 10) Phenol | 6.861 | 94 | 930117 | 46.713 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.084 | 93 | 701792 | 45.015 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.543 | 146 | 855675 | 48.060 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.690 | 146 | 866519 | 48.300 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.002 | 146 | 834465 | 48.438 | ng | 100 |
| 15) Benzyl Alcohol | 7.890 | 79 | 624651 | 46.131 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.172 | 45 | 998081 | 45.585 | ng | 100 |
| 17) 2-Methylphenol | 8.096 | 107 | 629245 | 46.424 | ng | 98 |
| 18) Hexachloroethane | 8.719 | 117 | 309058 | 47.346 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.449 | 70 | 505235 | 44.000 | ng | 97 |
| 20) 3+4-Methylphenols | 8.413 | 107 | 853730 | 45.454 | ng | 100 |
| 22) Acetophenone | 8.461 | 105 | 1096937 | 47.332 | ng | 99 |
| 24) Nitrobenzene | 8.831 | 77 | 764580 | 47.089 | ng | 99 |
| 25) Isophorone | 9.361 | 82 | 1458953 | 45.847 | ng | 99 |
| 26) 2-Nitrophenol | 9.537 | 139 | 401702 | 48.892 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.602 | 122 | 703951 | 47.516 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.831 | 93 | 922117 | 46.269 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.066 | 162 | 733579 | 49.541 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.284 | 180 | 776015 | 51.465 | ng | 99 |
| 31) Naphthalene | 10.466 | 128 | 2311162 | 46.902 | ng | 99 |
| 32) Benzoic acid | 9.737 | 122 | 551835 | 44.231 | ng | 98 |
| 33) 4-Chloroaniline | 10.572 | 127 | 426200 | 20.338 | ng | 100 |
| 34) Hexachlorobutadiene | 10.760 | 225 | 484470 | 49.402 | ng | 99 |
| 35) Caprolactam | 11.355 | 113 | 240085 | 45.280 | ng | 94 |
| 36) 4-Chloro-3-methylphenol | 11.702 | 107 | 762537 | 48.452 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.078 | 142 | 1498324 | 42.890 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.307 | 142 | 1552007 | 45.453 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.454 | 216 | 872851 | 50.645 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.437 | 237 | 1071835 | 95.026 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.690 | 196 | 594644 | 50.327 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026201.D
Acq On : 01 Dec 2025 17:51
Operator : RC/JU
Sample : Q3719-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Quant Time: Dec 01 18:17:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

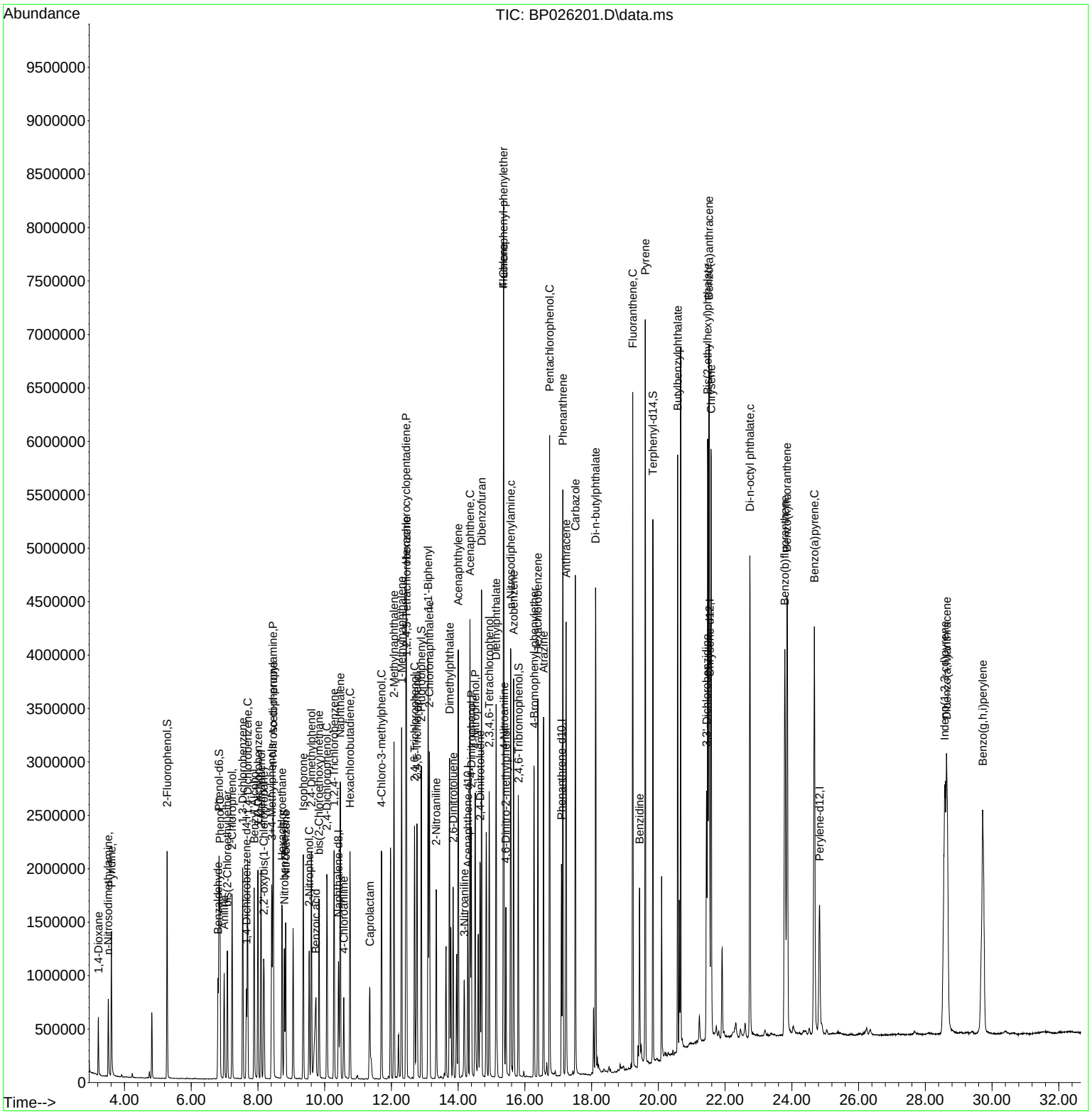
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.766 | 196 | 656295 | 49.761 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.101 | 154 | 2111302 | 49.193 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.137 | 162 | 1637408 | 48.516 | ng | 99 |
| 48) 2-Nitroaniline | 13.343 | 65 | 461630 | 49.187 | ng | 95 |
| 49) Acenaphthylene | 14.001 | 152 | 2739172 | 49.204 | ng | 100 |
| 50) Dimethylphthalate | 13.743 | 163 | 2043526 | 48.002 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.849 | 165 | 457796 | 54.271 | ng | 99 |
| 52) Acenaphthene | 14.354 | 154 | 1541992 | 47.265 | ng | 99 |
| 53) 3-Nitroaniline | 14.184 | 138 | 302286 | 30.436 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.396 | 184 | 543215 | 106.681 | ng | 97 |
| 55) Dibenzofuran | 14.701 | 168 | 2439496 | 48.278 | ng | 99 |
| 56) 4-Nitrophenol | 14.513 | 139 | 830971 | 92.485 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.660 | 165 | 637580 | 50.621 | ng | 98 |
| 58) Fluorene | 15.360 | 166 | 1962637 | 49.141 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.931 | 232 | 586135 | 52.385 | ng | 99 |
| 60) Diethylphthalate | 15.137 | 149 | 2241447 | 52.266 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.360 | 204 | 976947 | 49.162 | ng | 99 |
| 62) 4-Nitroaniline | 15.378 | 138 | 436714 | 42.344 | ng | 96 |
| 63) Azobenzene | 15.660 | 77 | 1905150 | 52.687 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.431 | 198 | 362269 | 50.467 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.578 | 169 | 1775615 | 50.799 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.278 | 248 | 634525 | 50.706 | ng | 100 |
| 68) Hexachlorobenzene | 16.390 | 284 | 745760 | 51.358 | ng | 100 |
| 69) Atrazine | 16.560 | 200 | 670034 | 50.835 | ng | 98 |
| 70) Pentachlorophenol | 16.742 | 266 | 1025730 | 100.983 | ng | 100 |
| 71) Phenanthrene | 17.137 | 178 | 3215634 | 50.519 | ng | 100 |
| 72) Anthracene | 17.237 | 178 | 3257412 | 50.174 | ng | 100 |
| 73) Carbazole | 17.513 | 167 | 2967469 | 48.125 | ng | 100 |
| 74) Di-n-butylphthalate | 18.119 | 149 | 3754359 | 51.358 | ng | 100 |
| 75) Fluoranthene | 19.231 | 202 | 3879717 | 50.166 | ng | 99 |
| 77) Benzidine | 19.436 | 184 | 1205912 | 33.011 | ng | 99 |
| 78) Pyrene | 19.607 | 202 | 3990288 | 52.870 | ng | 99 |
| 80) Butylbenzylphthalate | 20.578 | 149 | 1665637 | 50.112 | ng | 99 |
| 81) Benzo(a)anthracene | 21.519 | 228 | 3944904 | 49.901 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.442 | 252 | 952449 | 33.130 | ng | 99 |
| 83) Chrysene | 21.583 | 228 | 3694023 | 49.581 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.477 | 149 | 2469683 | 49.085 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.742 | 149 | 4234005 | 48.125 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.577 | 276 | 5124135 | 51.628 | ng | 94 |
| 88) Benzo(b)fluoranthene | 23.789 | 252 | 4141922 | 51.393 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.854 | 252 | 4026385 | 50.019 | ng | 100 |
| 90) Benzo(a)pyrene | 24.677 | 252 | 4013559 | 52.575 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.642 | 278 | 4124078 | 50.760 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.718 | 276 | 4117869 | 50.992 | ng | 100 |

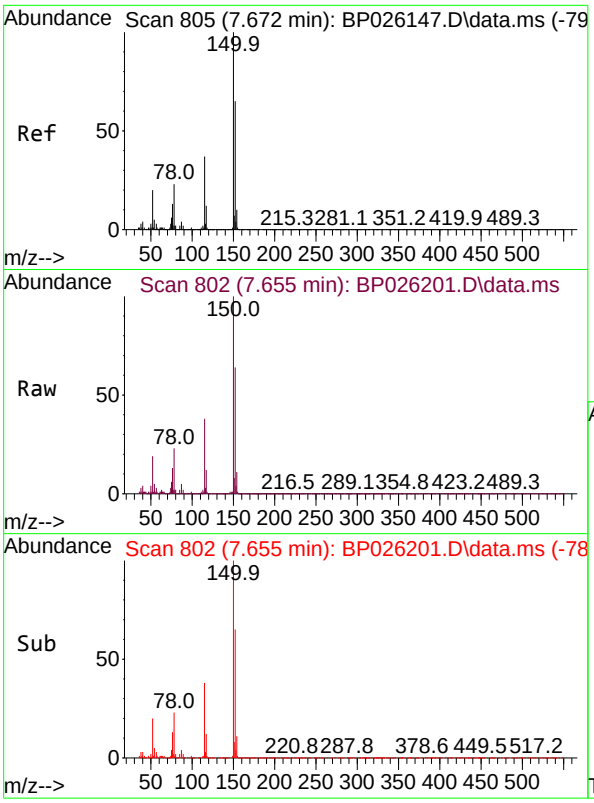
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026201.D
Acq On : 01 Dec 2025 17:51
Operator : RC/JU
Sample : Q3719-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Quant Time: Dec 01 18:17:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



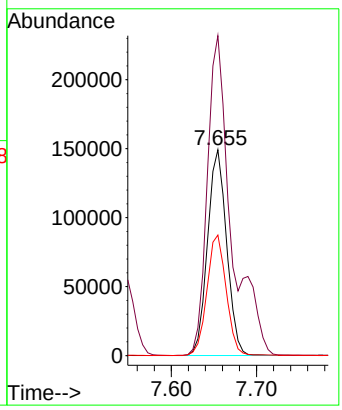


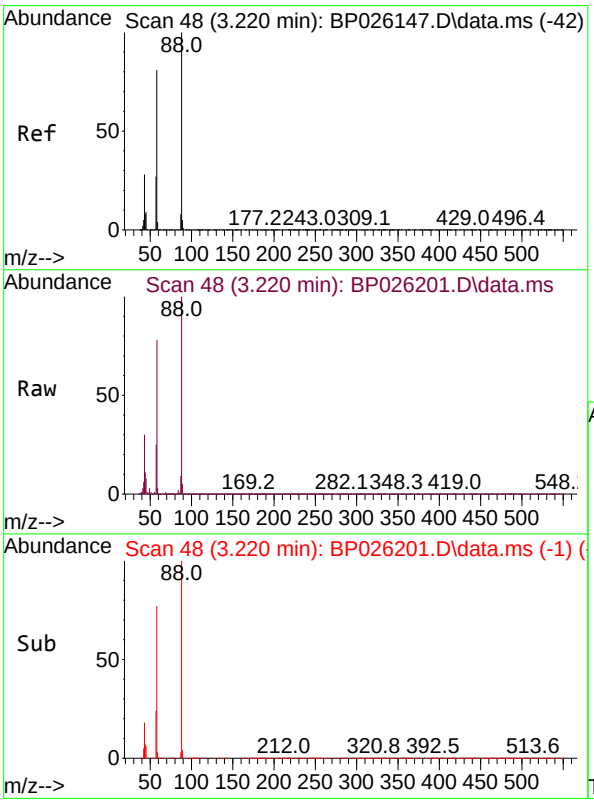

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:152 Resp: 233034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.4 | 123.0 | 184.6 |
| 115 | 58.6 | 46.3 | 69.5 |

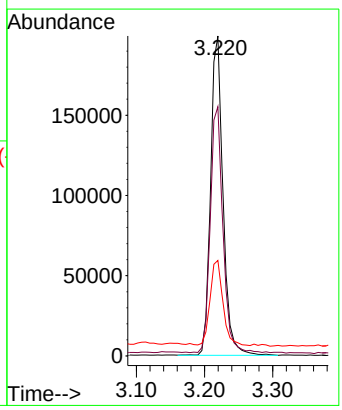


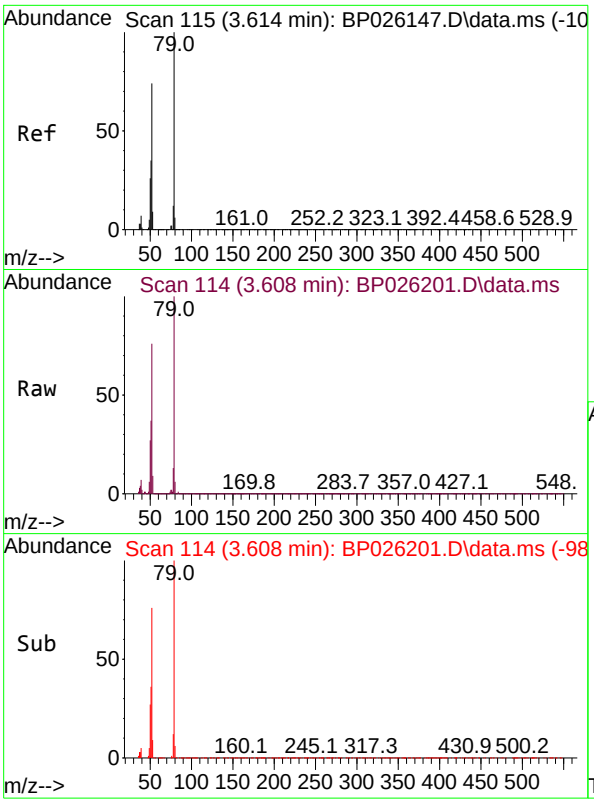




#2
1,4-Dioxane
Concen: 42.585 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 88 Resp: 250774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.8 | 64.2 | 96.4 |
| 43 | 27.6 | 21.5 | 32.3 |



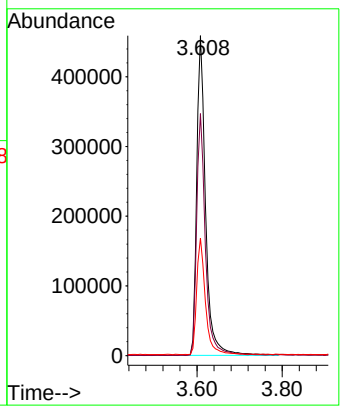


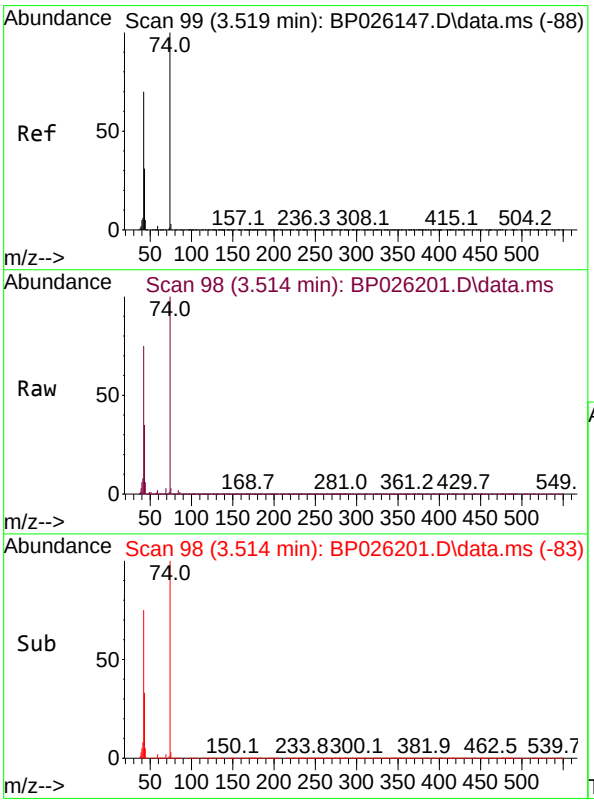

#3
Pyridine
Concen: 38.913 ng
RT: 3.608 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 79 Resp: 662225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 75.6 | 60.2 | 90.2 |
| 51 | 36.7 | 29.5 | 44.3 |

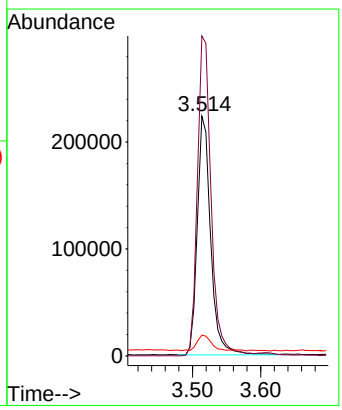


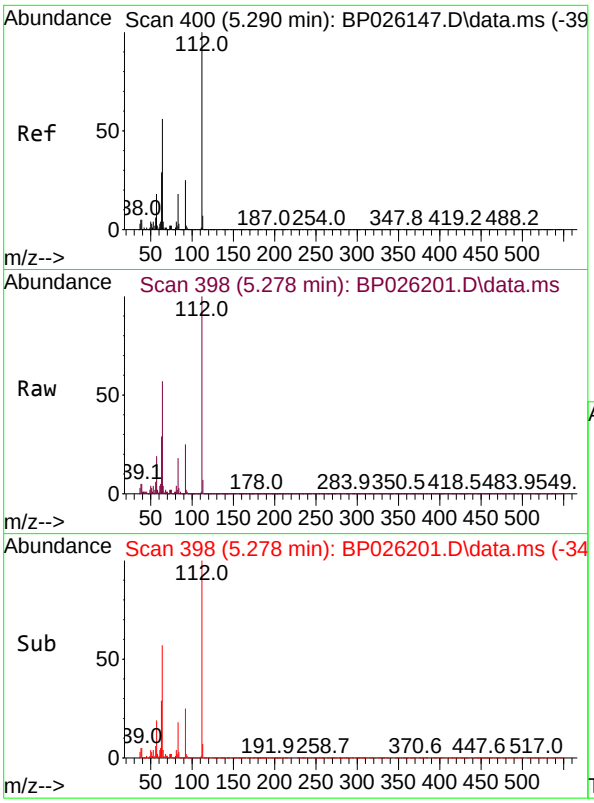




#4
n-Nitrosodimethylamine
Concen: 47.880 ng
RT: 3.514 min Scan# 98
Delta R.T. -0.012 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 42 Resp: 304533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 133.6 | 118.1 | 177.1 |
| 44 | 8.7 | 6.2 | 9.4 |



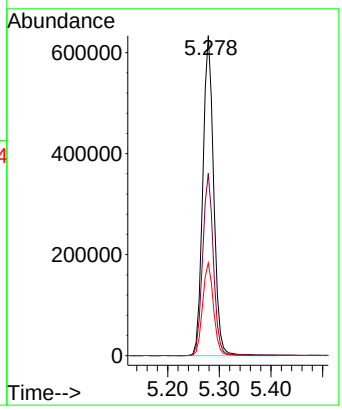


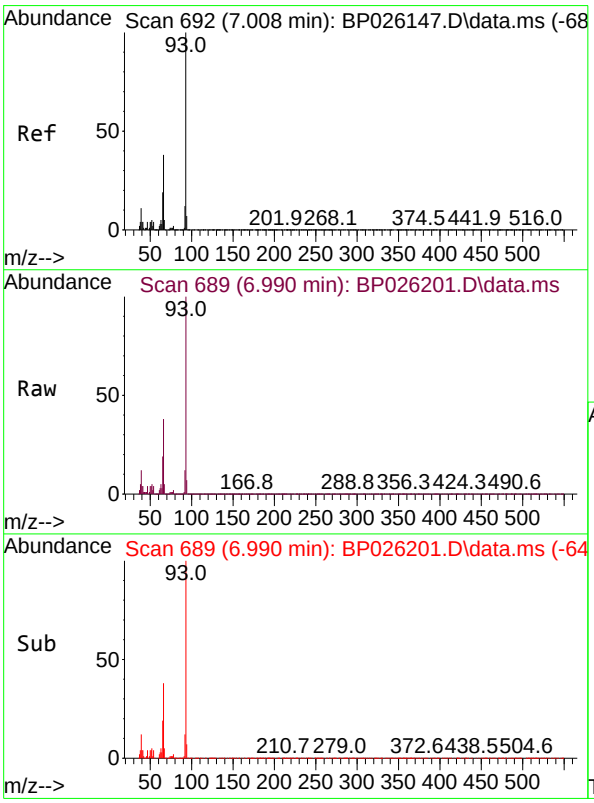

#5
2-Fluorophenol
Concen: 63.638 ng
RT: 5.278 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:112 Resp: 923920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.9 | 45.8 | 68.6 |
| 63 | 28.9 | 23.5 | 35.3 |

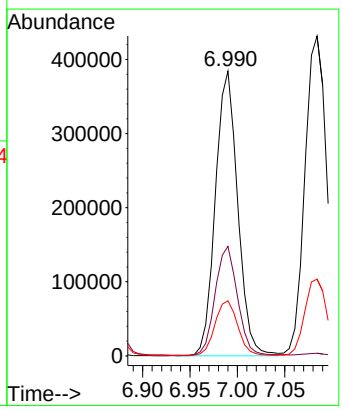


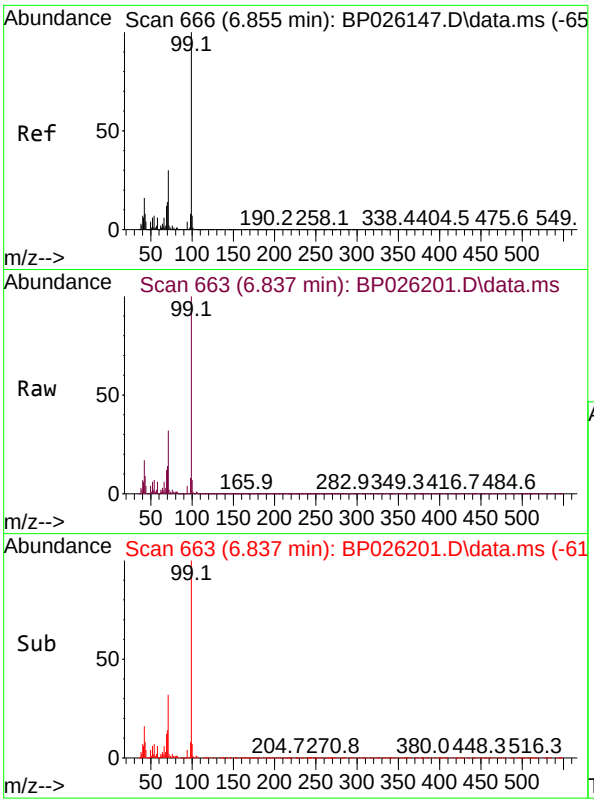




#6
Aniline
Concen: 25.816 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 93 Resp: 630018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.5 | 31.7 | 47.5 |
| 65 | 19.3 | 15.8 | 23.6 |



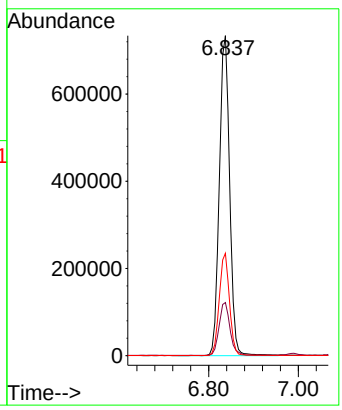


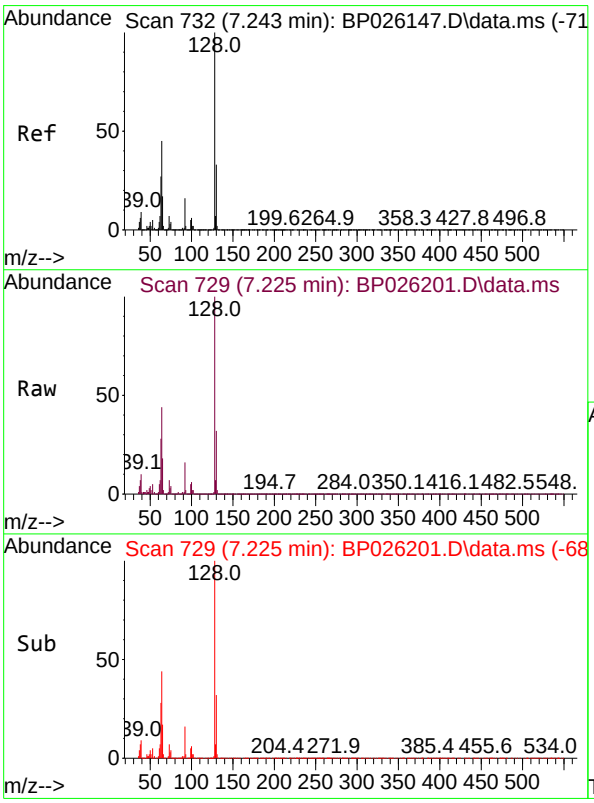

#7
Phenol-d6
Concen: 63.126 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 99 Resp: 1166768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.6 | 12.9 | 19.3 |
| 71 | 32.0 | 24.8 | 37.2 |

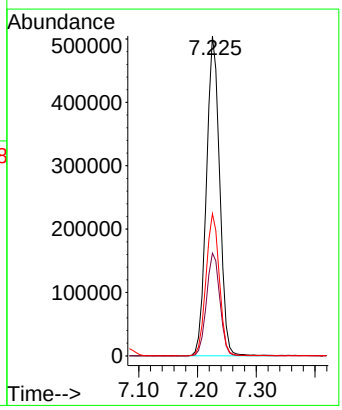


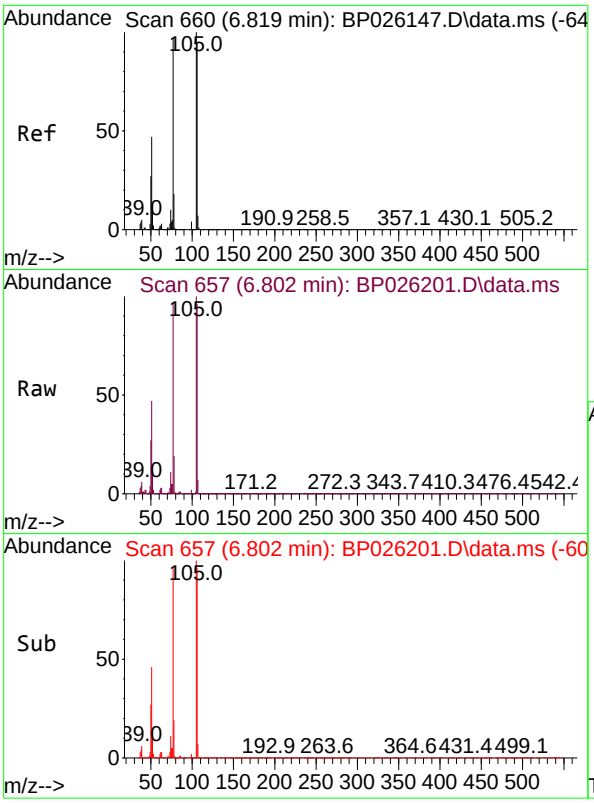




#8
2-Chlorophenol
Concen: 47.727 ng
RT: 7.225 min Scan# 729
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:128 Resp: 788736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.1 | 12.4 | 52.4 |
| 64 | 44.4 | 23.9 | 63.9 |



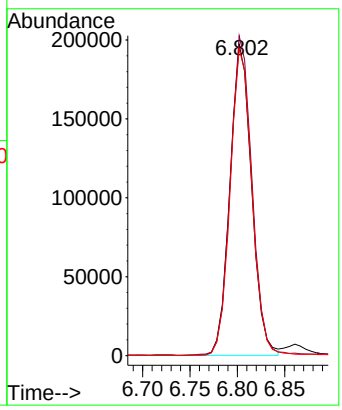


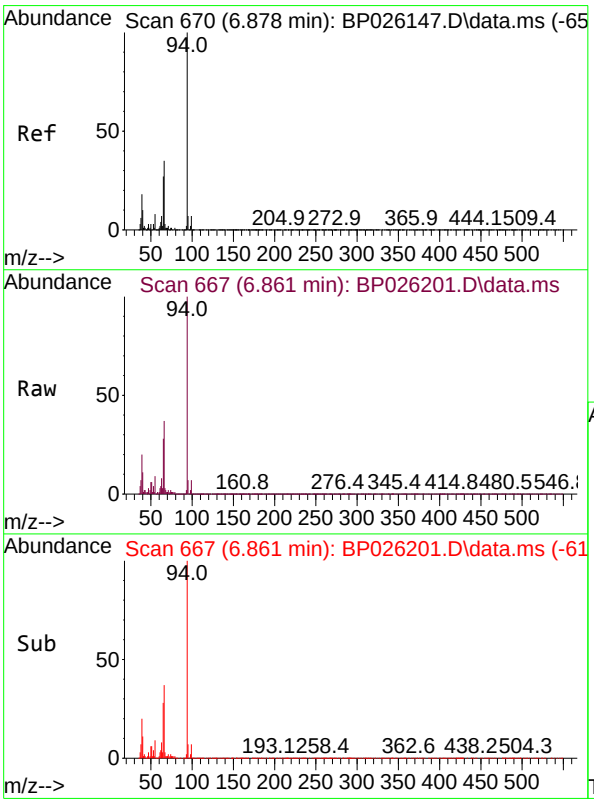

#9
Benzaldehyde
Concen: 32.457 ng
RT: 6.802 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 77 Resp: 314375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.8 | 82.9 | 122.9 |
| 106 | 98.6 | 77.8 | 117.8 |

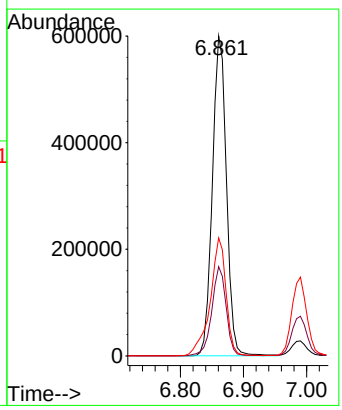


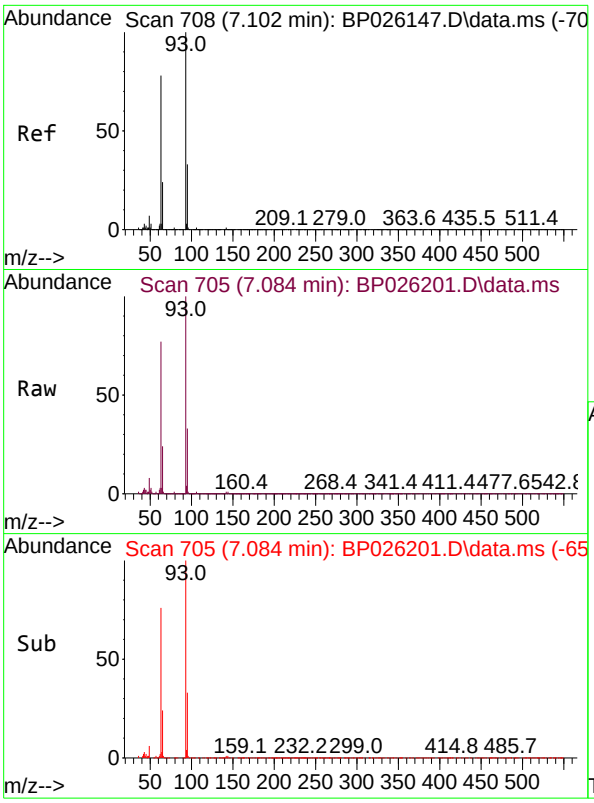




#10
Phenol
Concen: 46.713 ng
RT: 6.861 min Scan# 667
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 94 Resp: 930117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.9 | 7.0 | 47.0 |
| 66 | 36.9 | 14.5 | 54.5 |



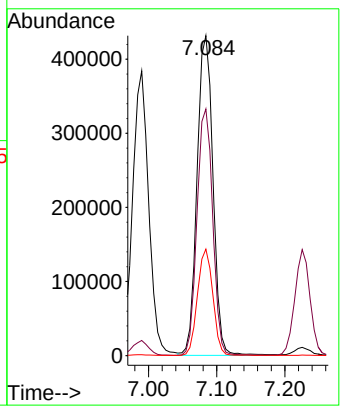


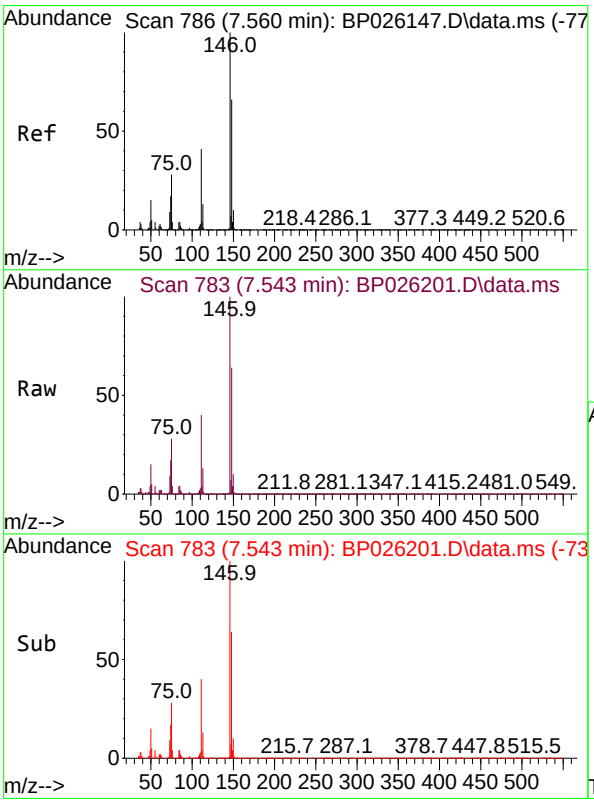

#11
bis(2-Chloroethyl)ether
Concen: 45.015 ng
RT: 7.084 min Scan# 70
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 93 Resp: 701792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.1 | 58.8 | 98.8 |
| 95 | 33.3 | 12.1 | 52.1 |

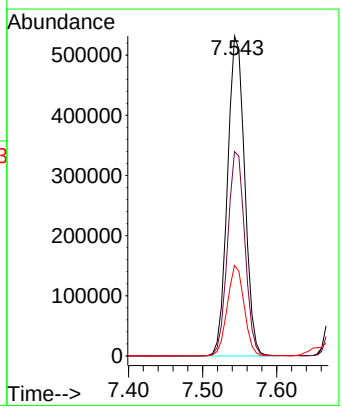


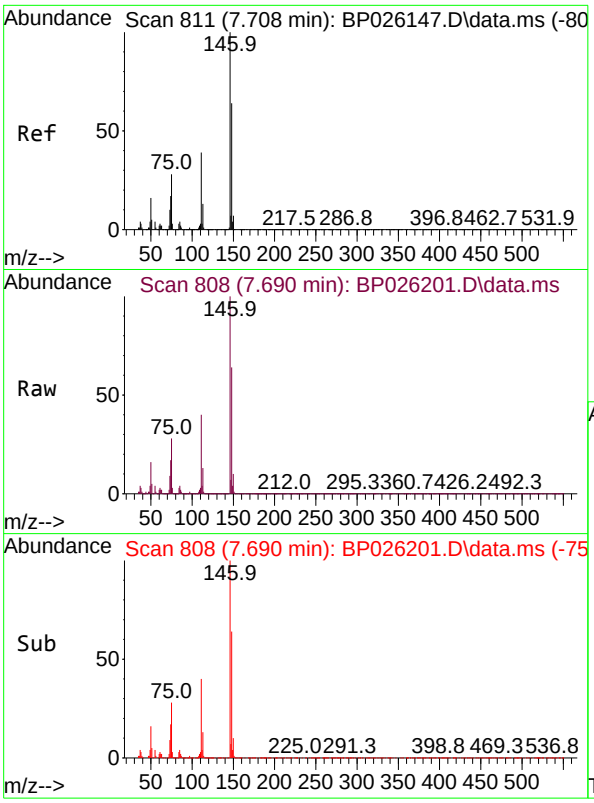




#12
1,3-Dichlorobenzene
Concen: 48.060 ng
RT: 7.543 min Scan# 783
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:146 Resp: 855675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.8 | 77.8 |
| 75 | 28.3 | 22.2 | 33.2 |



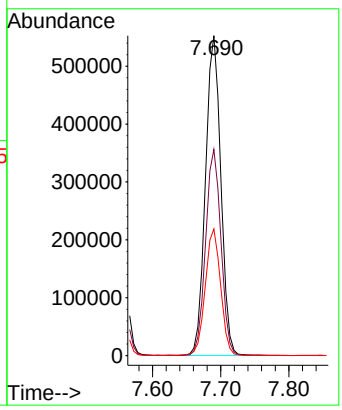


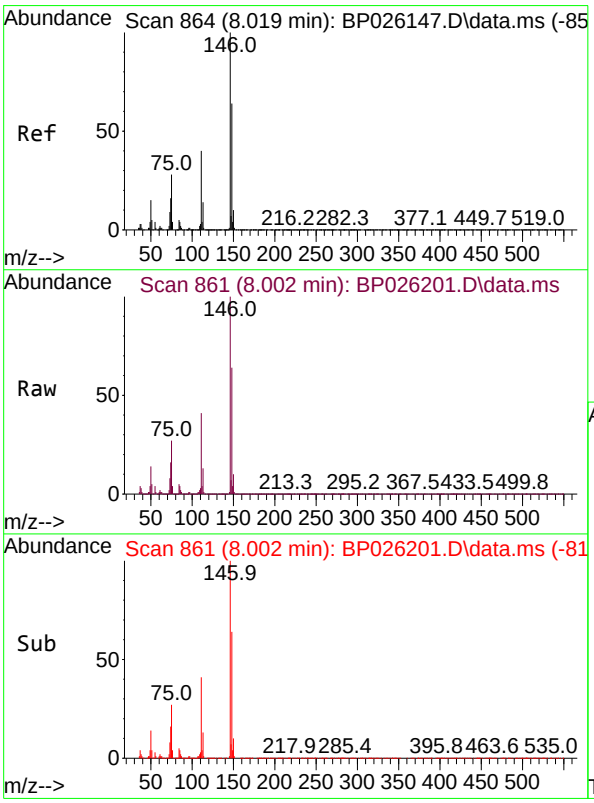

#13
1,4-Dichlorobenzene
Concen: 48.300 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:146 Resp: 866519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.4 | 77.2 |
| 111 | 39.6 | 31.7 | 47.5 |

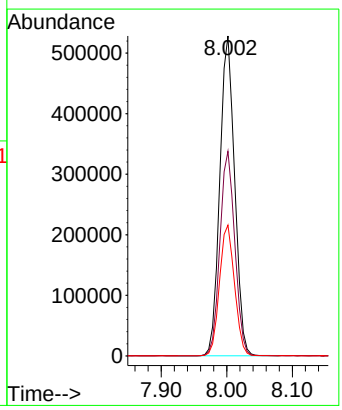


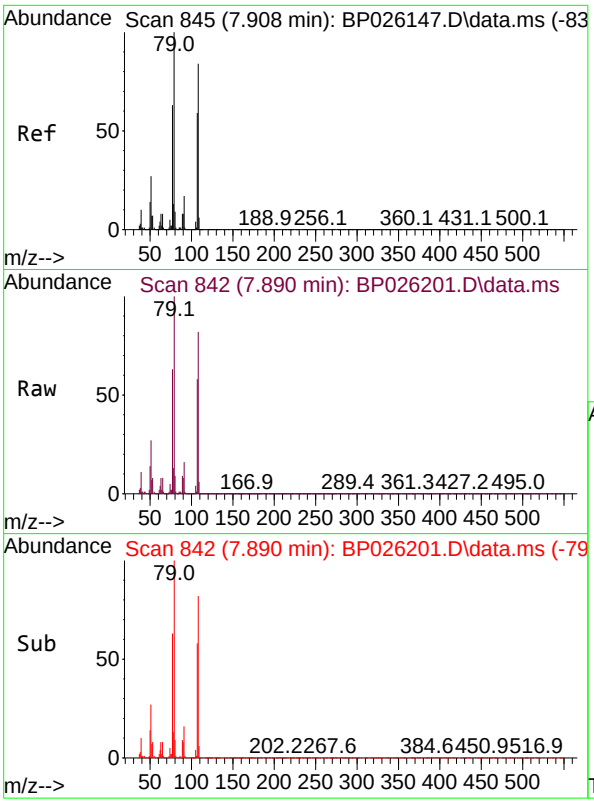




#14
1,2-Dichlorobenzene
Concen: 48.438 ng
RT: 8.002 min Scan# 861
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:146 Resp: 834465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 51.0 | 76.6 |
| 111 | 40.9 | 33.0 | 49.4 |



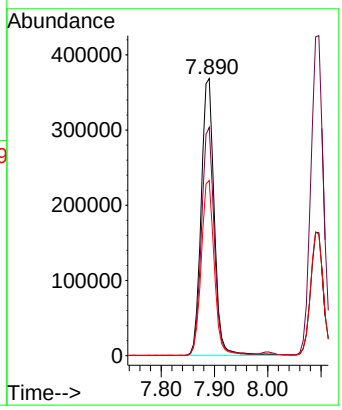


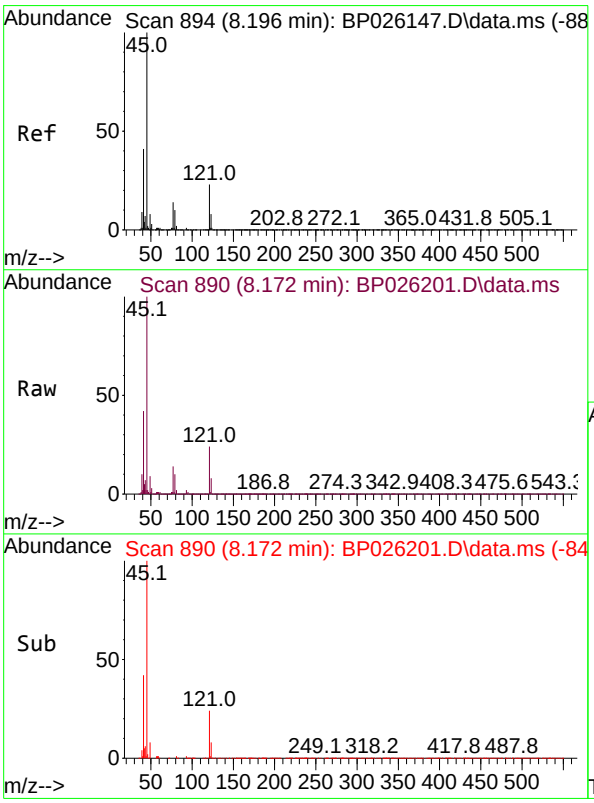

#15
Benzyl Alcohol
Concen: 46.131 ng
RT: 7.890 min Scan# 84
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 79 Resp: 624651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.4 | 66.2 | 99.4 |
| 77 | 63.2 | 50.0 | 75.0 |

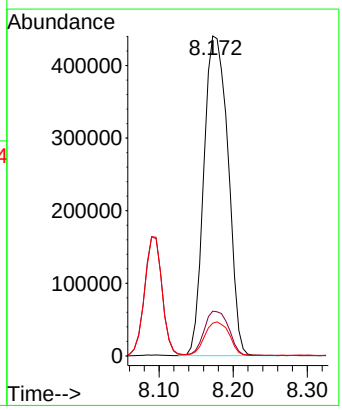


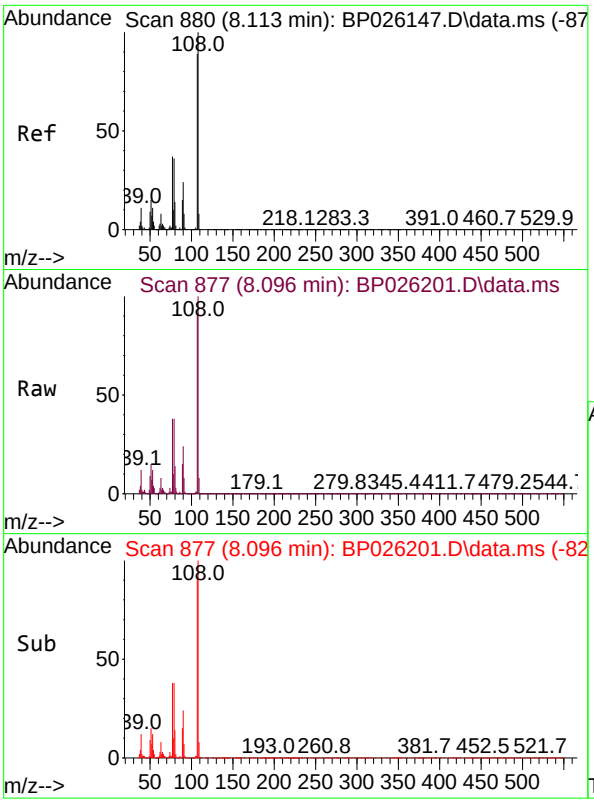




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.585 ng
RT: 8.172 min Scan# 890
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 45 Resp: 998081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.0 | 0.0 | 33.9 |
| 79 | 10.2 | 0.0 | 30.4 |



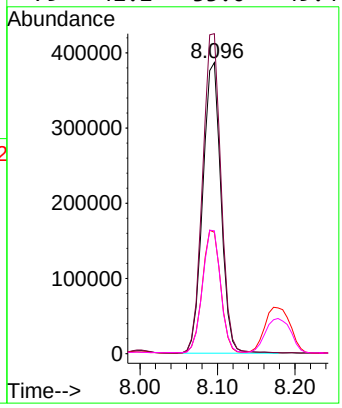


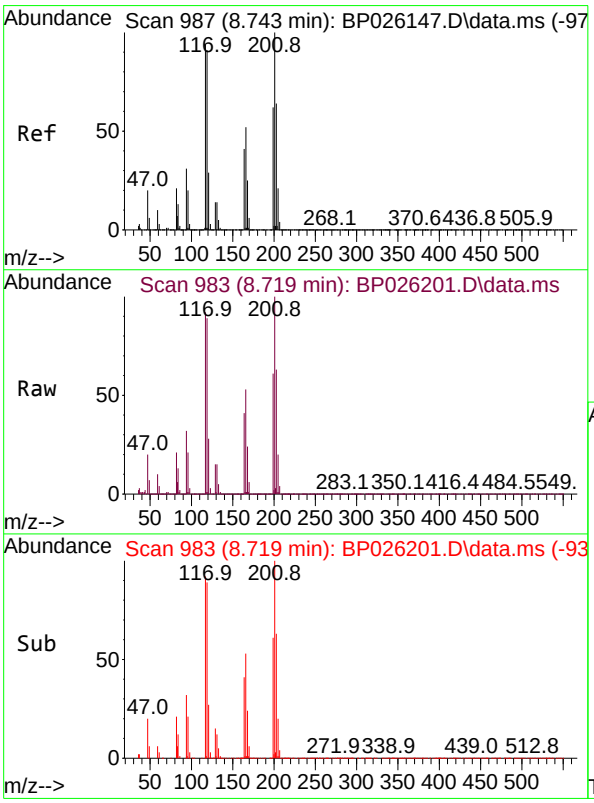

#17
2-Methylphenol
Concen: 46.424 ng
RT: 8.096 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:107 Resp: 629245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.0 | 89.7 | 134.5 |
| 77 | 41.7 | 33.9 | 50.9 |
| 79 | 42.2 | 33.0 | 49.4 |

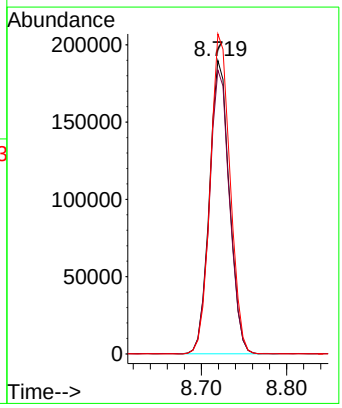


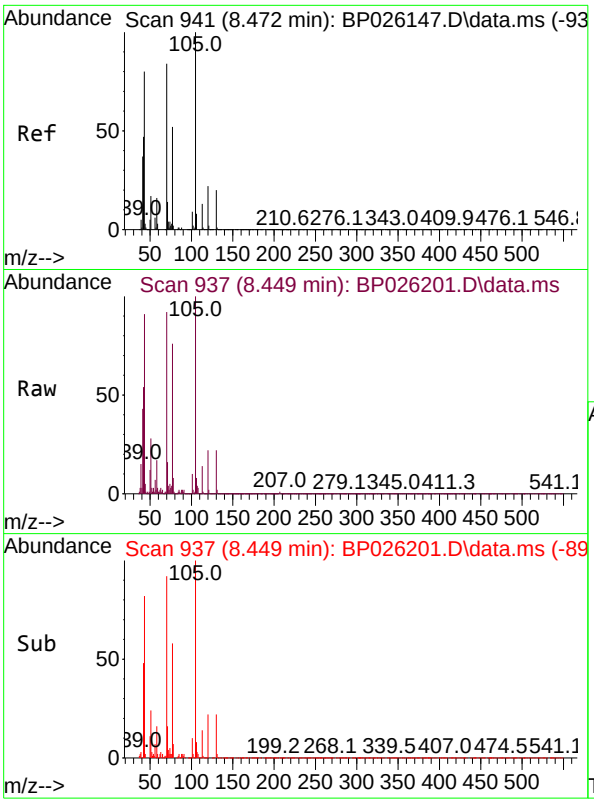




#18
Hexachloroethane
Concen: 47.346 ng
RT: 8.719 min Scan# 983
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:117 Resp: 309058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 78.7 | 118.1 |
| 201 | 109.1 | 85.1 | 127.7 |



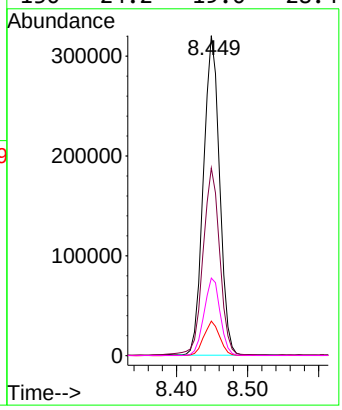


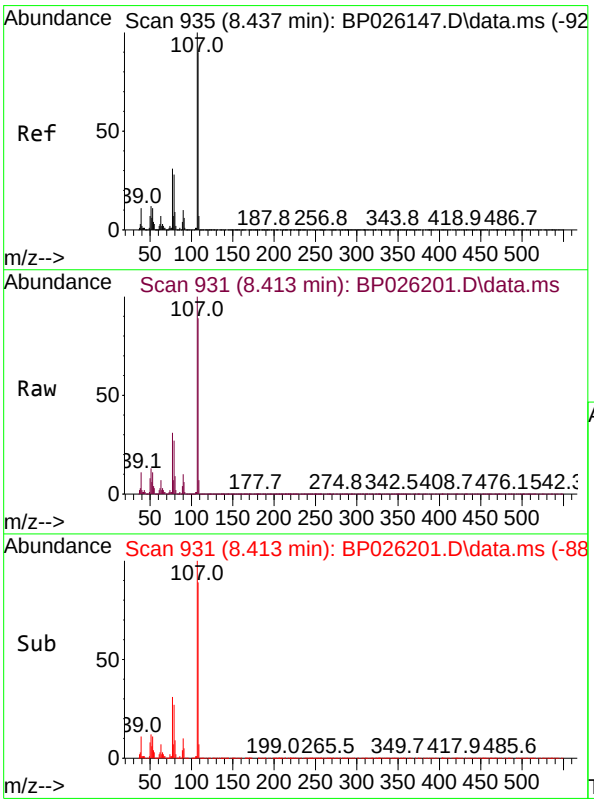

#19
n-Nitroso-di-n-propylamine
Concen: 44.000 ng
RT: 8.449 min Scan# 9
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 70 Resp: 505235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 58.6 | 44.1 | 66.1 |
| 101 | 10.8 | 8.2 | 12.4 |
| 130 | 24.2 | 19.0 | 28.4 |

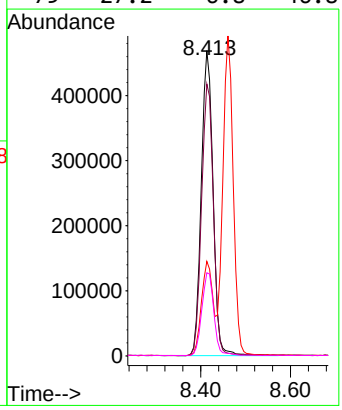


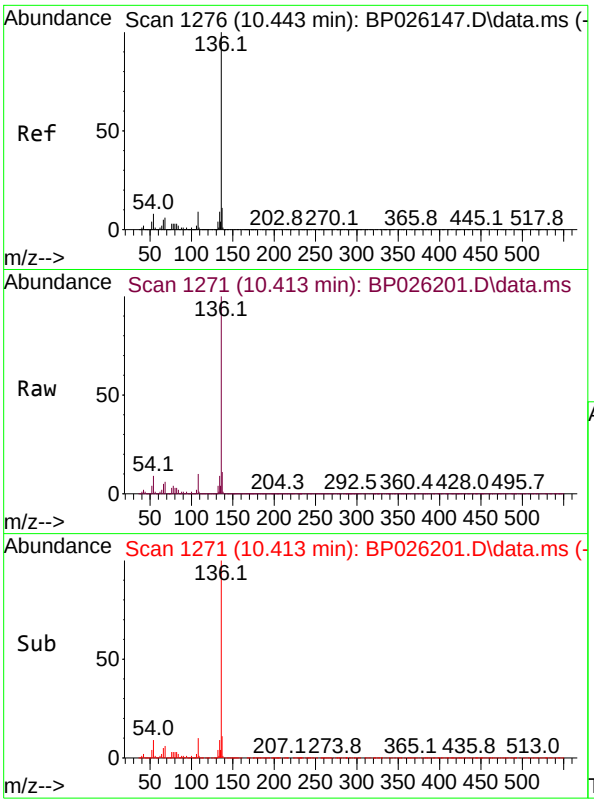




#20
3+4-Methylphenols
Concen: 45.454 ng
RT: 8.413 min Scan# 931
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:107 Resp: 853730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.1 | 68.9 | 108.9 |
| 77 | 30.9 | 10.4 | 50.4 |
| 79 | 27.2 | 6.8 | 46.8 |



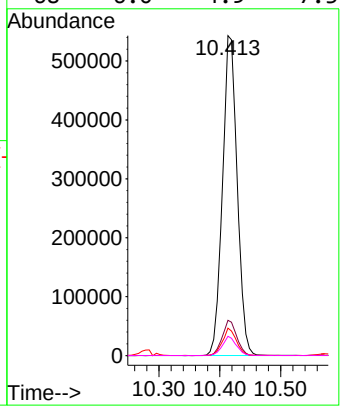


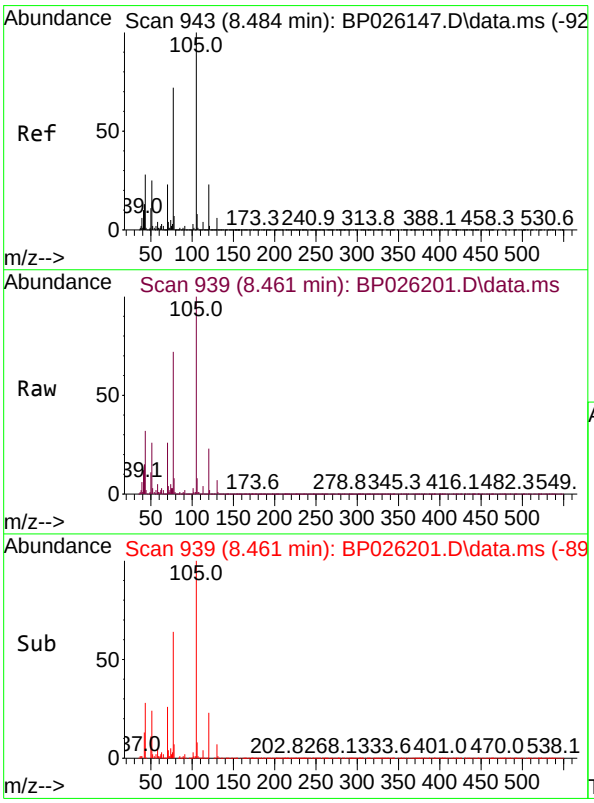

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:136 Resp: 911777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.6 | 6.4 | 9.6 |
| 68 | 6.0 | 4.9 | 7.3 |

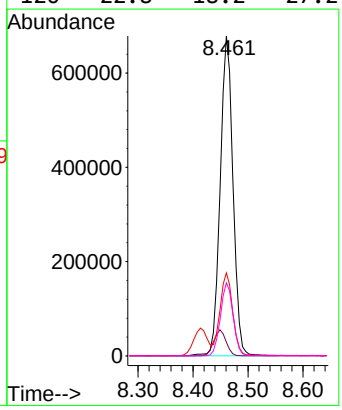


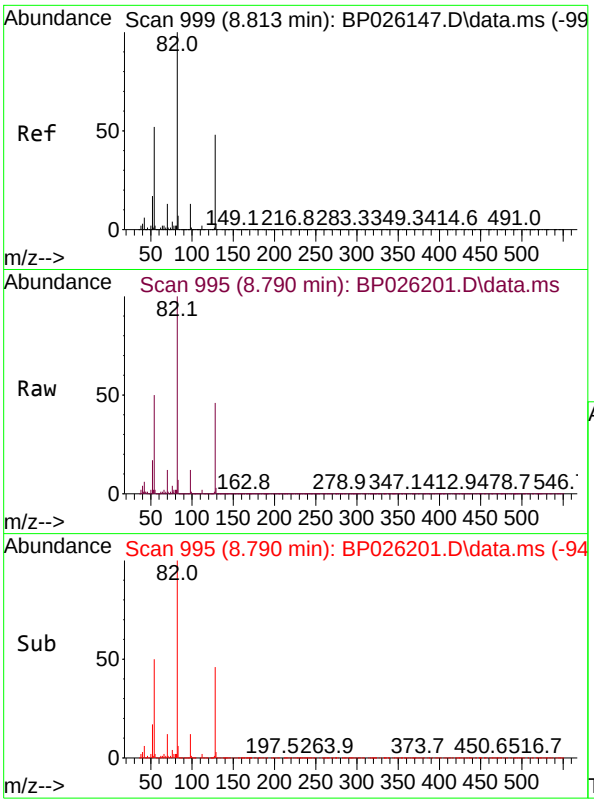




#22
Acetophenone
Concen: 47.332 ng
RT: 8.461 min Scan# 939
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:105 Resp: 1096937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.3 | 3.0 | 4.4 |
| 51 | 25.9 | 20.5 | 30.7 |
| 120 | 22.8 | 18.2 | 27.2 |



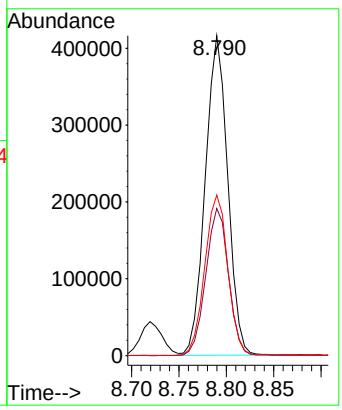


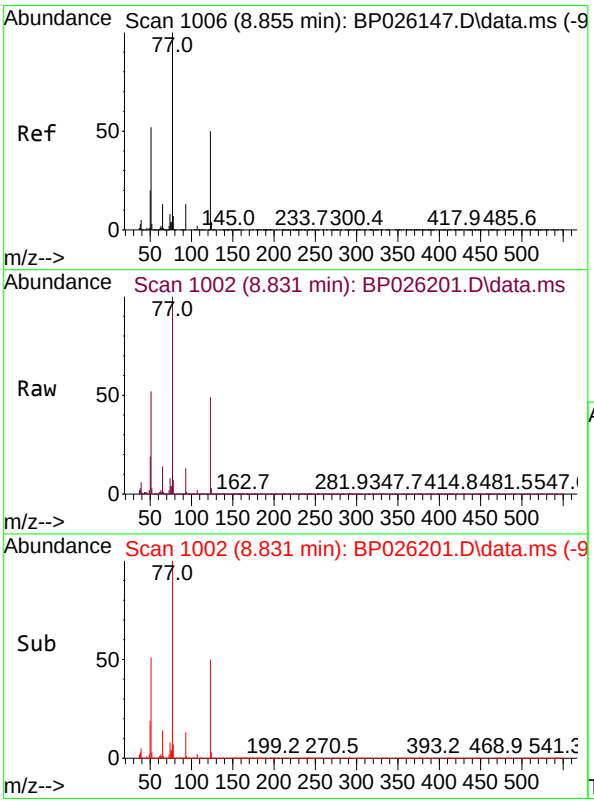

#23
Nitrobenzene-d5
Concen: 42.670 ng
RT: 8.790 min Scan# 99
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 82 Resp: 684932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.0 | 37.4 | 56.0 |
| 54 | 50.2 | 41.6 | 62.4 |

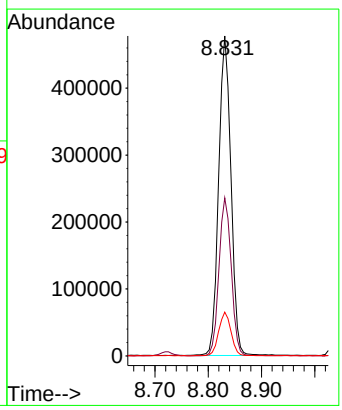


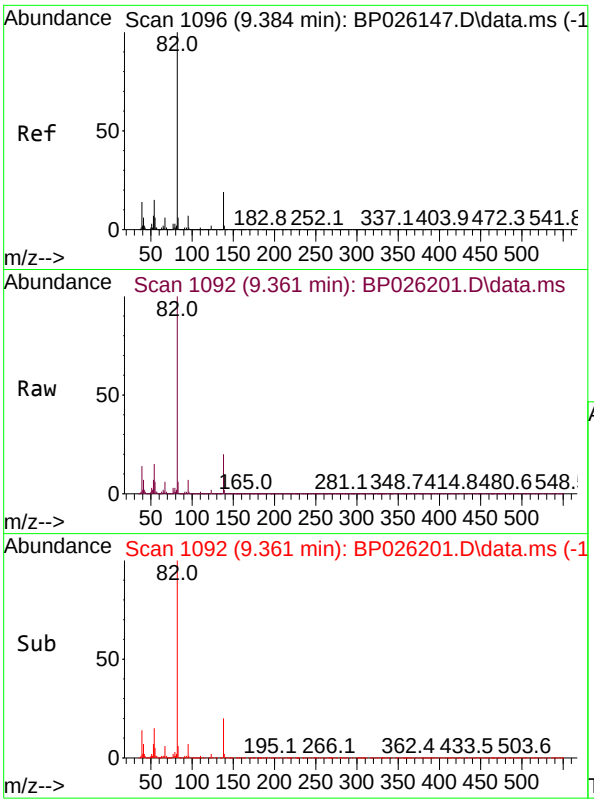




#24
Nitrobenzene
Concen: 47.089 ng
RT: 8.831 min Scan# 1002
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 77 Resp: 764580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.4 | 39.8 | 59.8 |
| 65 | 13.7 | 11.2 | 16.8 |



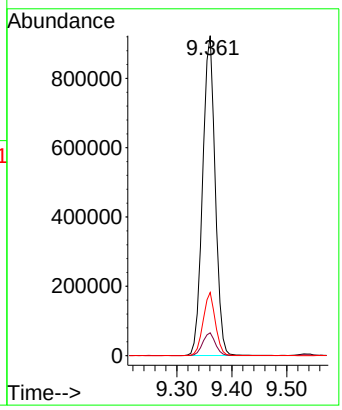


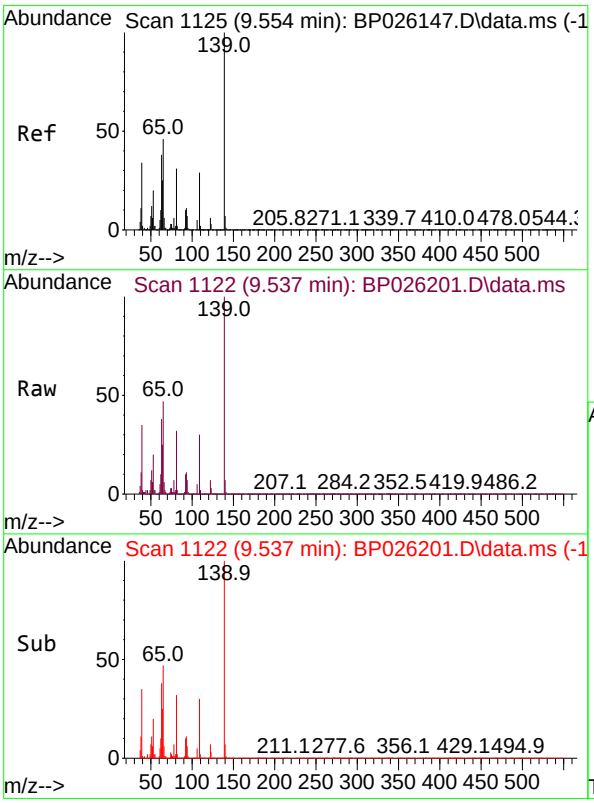

#25
Isophorone
Concen: 45.847 ng
RT: 9.361 min Scan# 10
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 82 Resp: 1458953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 19.7 | 15.4 | 23.0 |

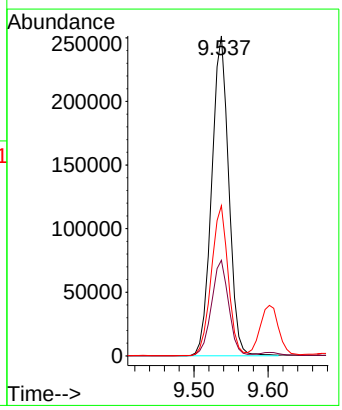


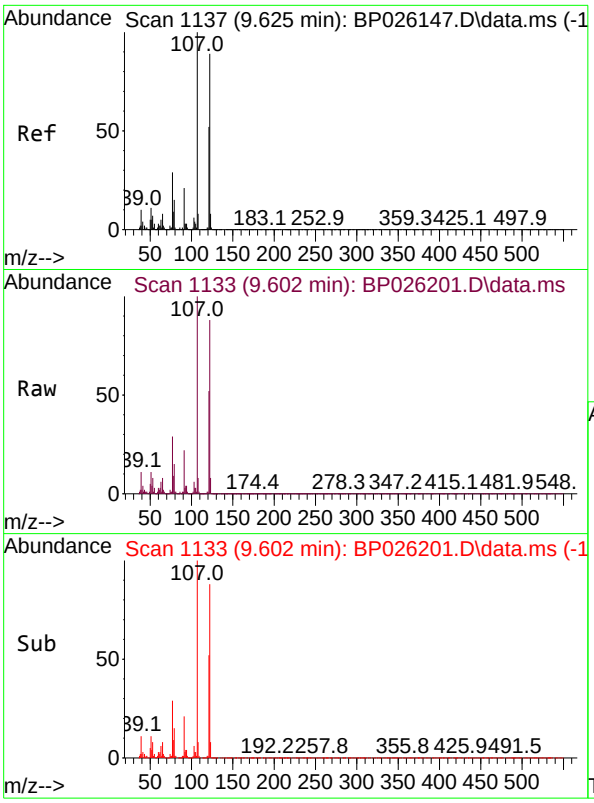




#26
2-Nitrophenol
Concen: 48.892 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:139 Resp: 401702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.9 | 22.3 | 33.5 |
| 65 | 46.9 | 37.2 | 55.8 |



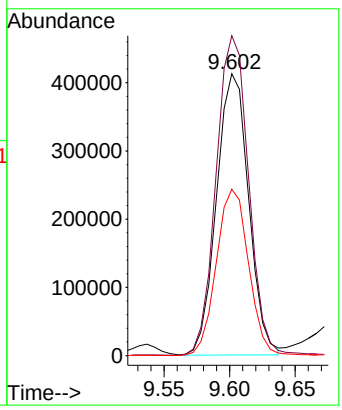


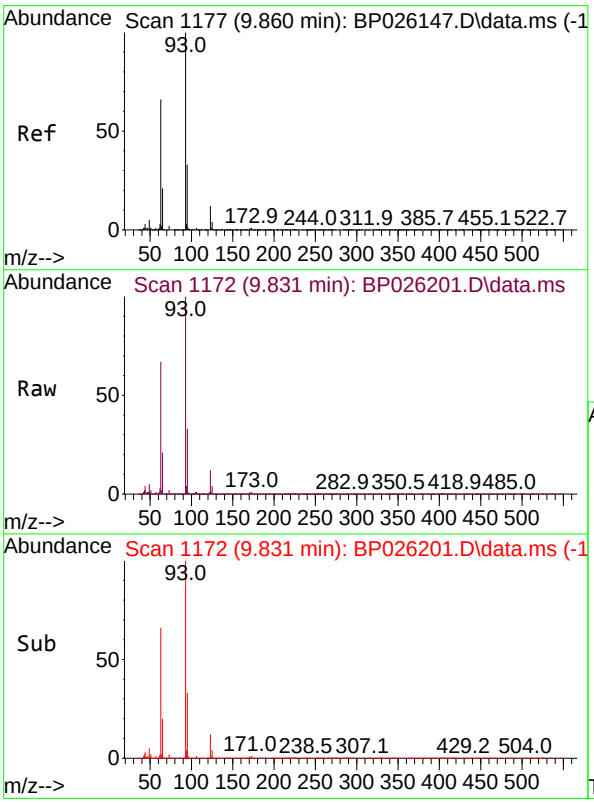

#27
2,4-Dimethylphenol
Concen: 47.516 ng
RT: 9.602 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:122 Resp: 703951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.5 | 91.0 | 136.6 |
| 121 | 59.0 | 47.0 | 70.6 |

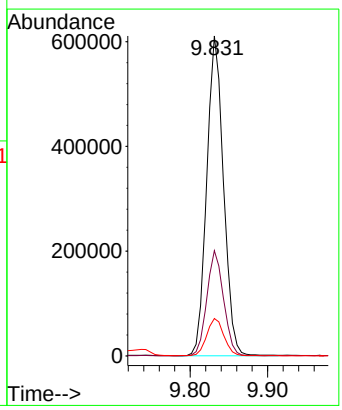


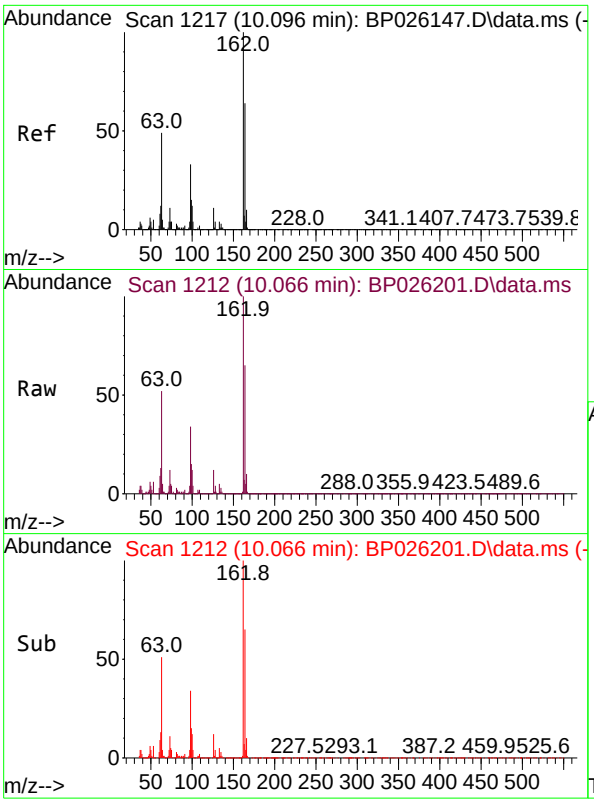




#28
bis(2-Chloroethoxy)methane
Concen: 46.269 ng
RT: 9.831 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 93 Resp: 922117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.9 | 26.4 | 39.6 |
| 123 | 11.7 | 9.4 | 14.0 |



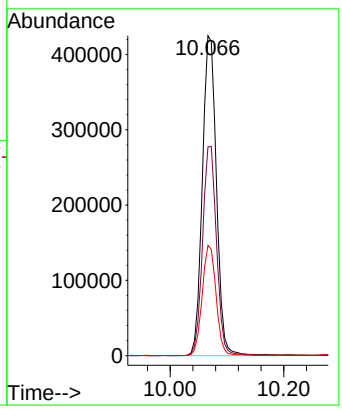


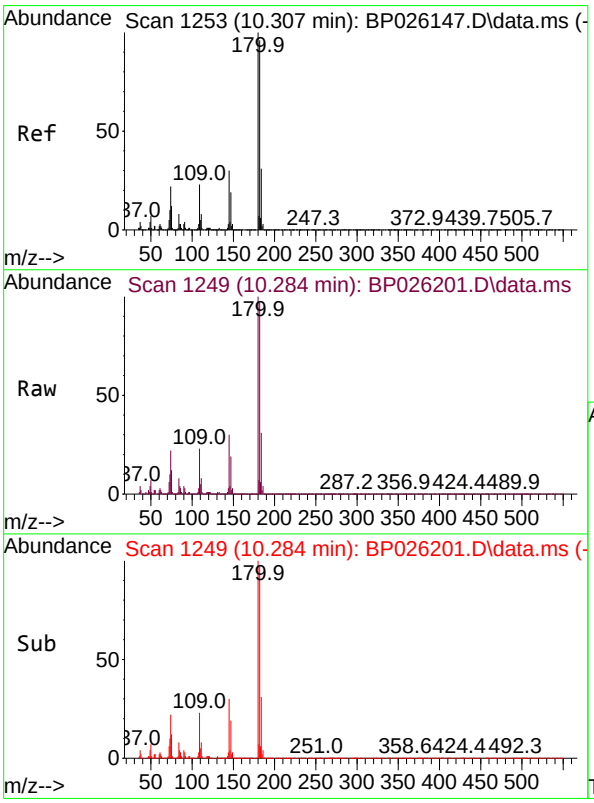

#29
2,4-Dichlorophenol
Concen: 49.541 ng
RT: 10.066 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:162 Resp: 733579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.2 | 43.8 | 83.8 |
| 98 | 34.5 | 14.1 | 54.1 |

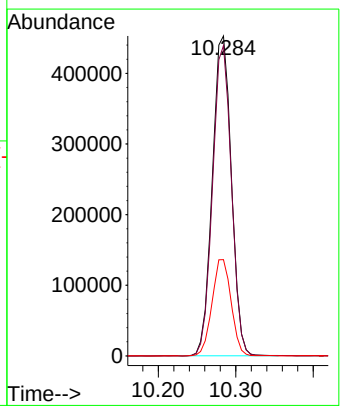


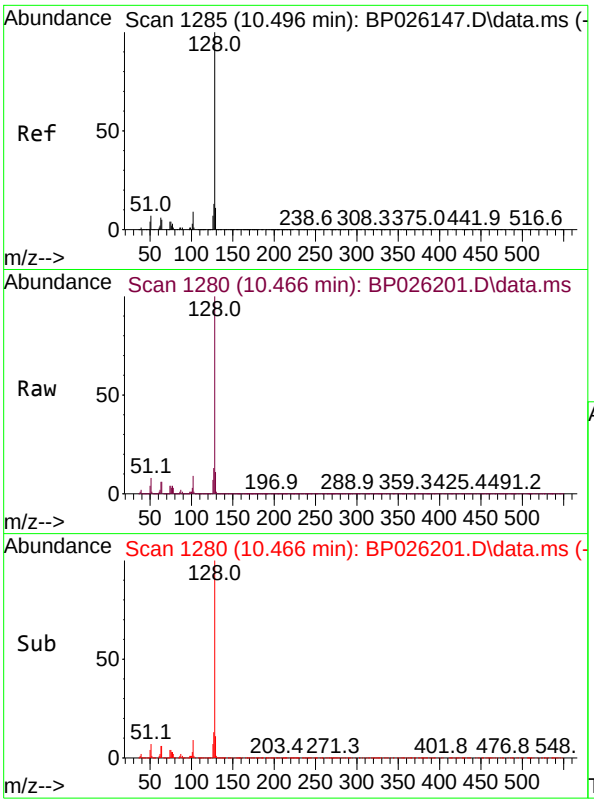




#30
1,2,4-Trichlorobenzene
Concen: 51.465 ng
RT: 10.284 min Scan# 1249
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:180 Resp: 776015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 78.1 | 117.1 |
| 145 | 30.1 | 24.2 | 36.4 |



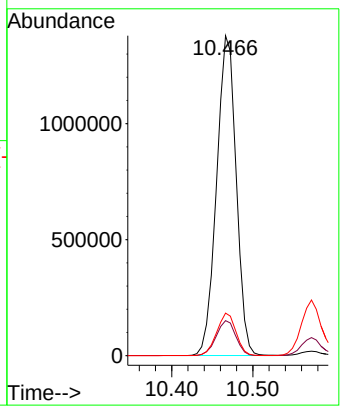


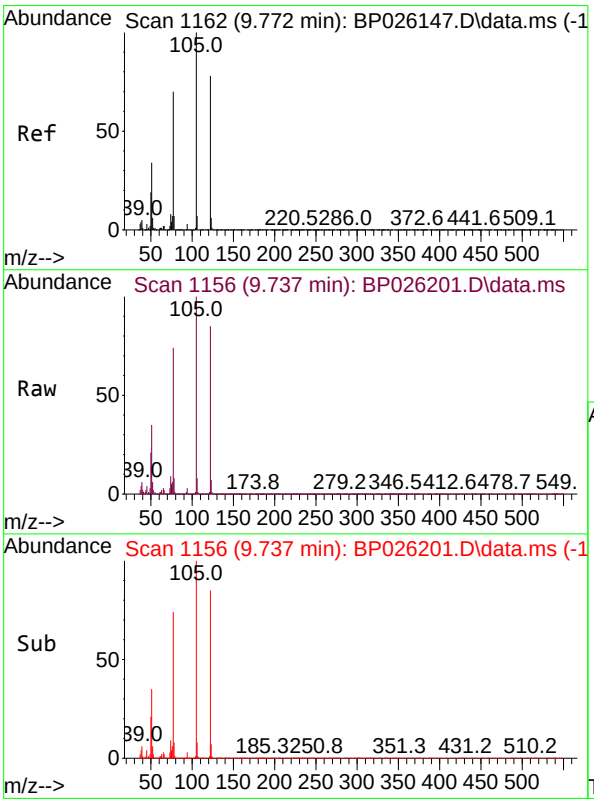

#31
Naphthalene
Concen: 46.902 ng
RT: 10.466 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:128 Resp: 2311162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 13.3 | 10.2 | 15.4 |

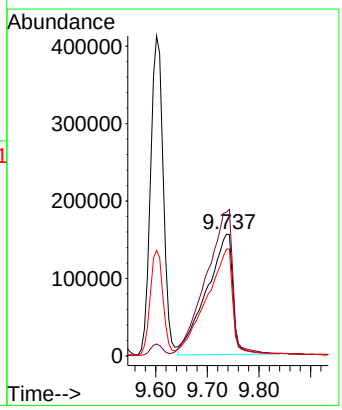


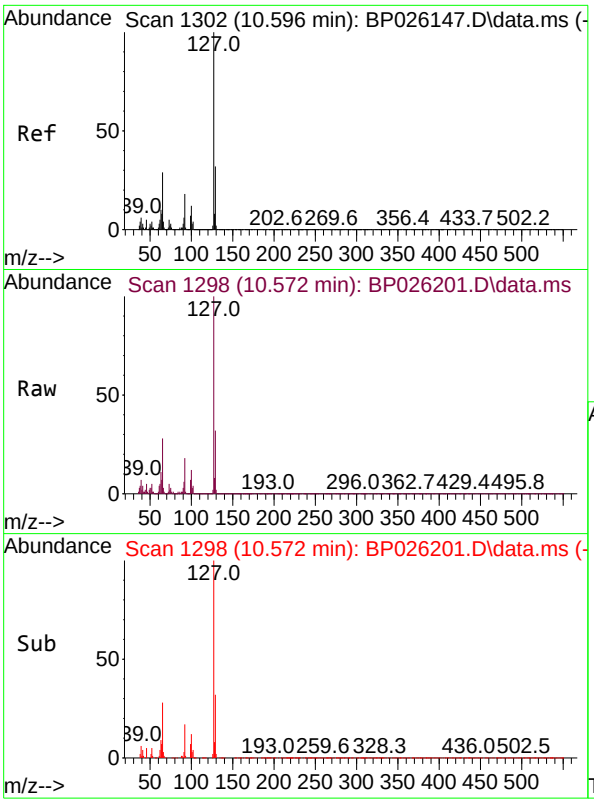




#32
Benzoic acid
Concen: 44.231 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:122 Resp: 551835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.2 | 100.1 | 140.1 |
| 77 | 87.8 | 66.7 | 106.7 |



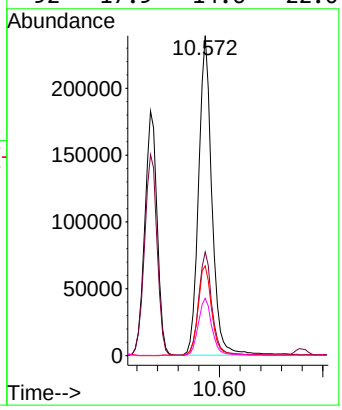


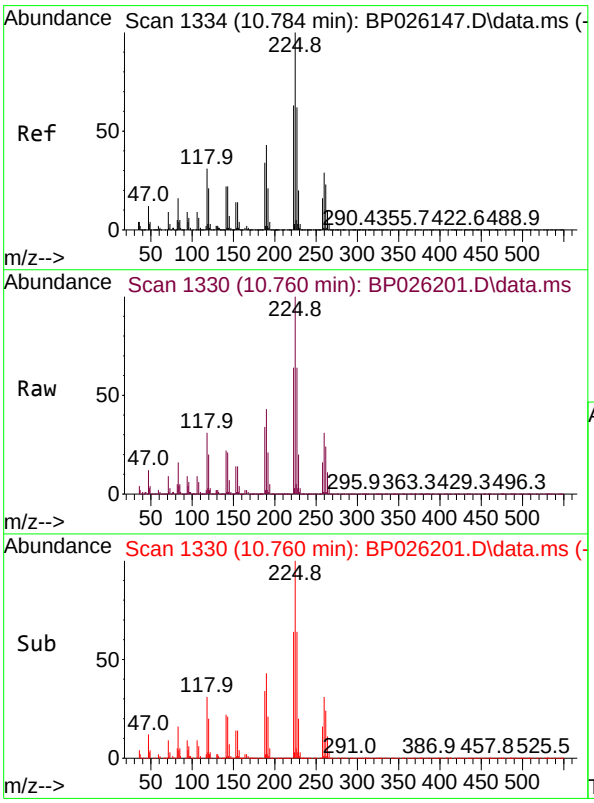

#33
4-Chloroaniline
Concen: 20.338 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:127 Resp: 426200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.8 | 38.8 |
| 65 | 28.0 | 22.7 | 34.1 |
| 92 | 17.9 | 14.6 | 22.0 |

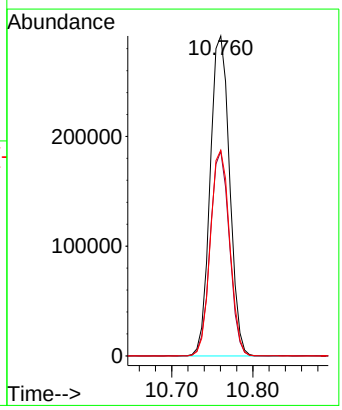


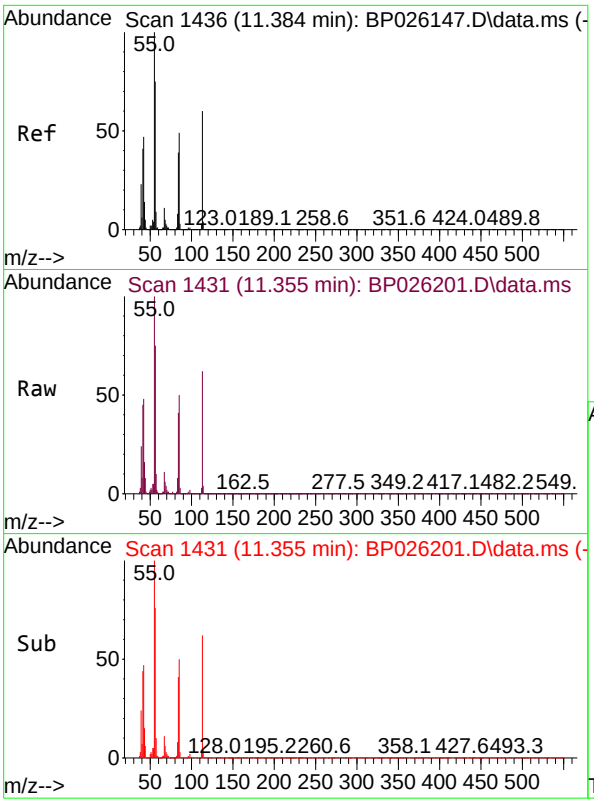




#34
Hexachlorobutadiene
Concen: 49.402 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:225 Resp: 484470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 49.6 | 74.4 |
| 227 | 64.3 | 51.2 | 76.8 |



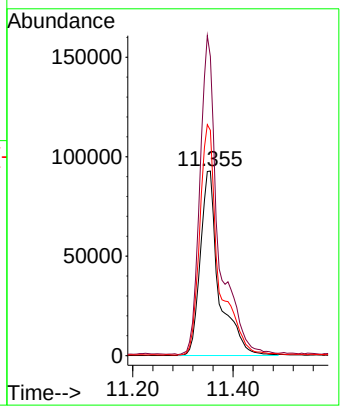


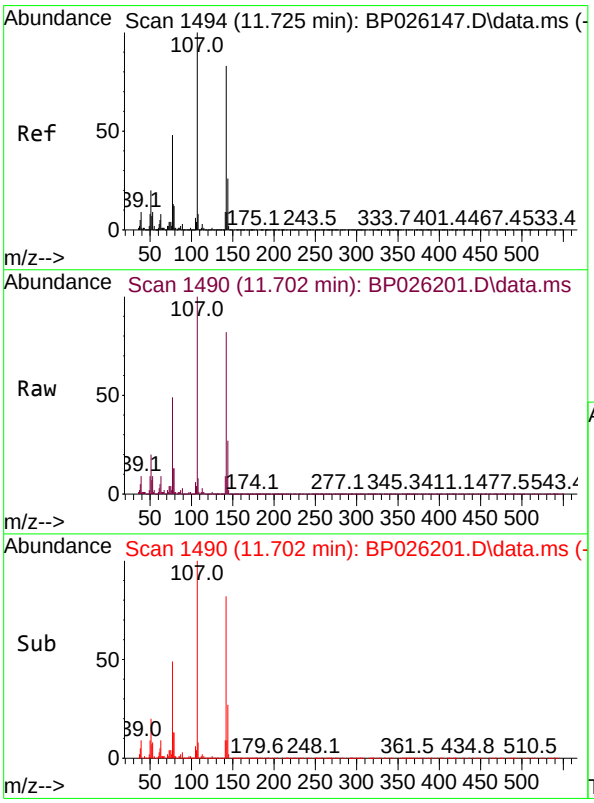

#35
Caprolactam
Concen: 45.280 ng
RT: 11.355 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:113 Resp: 240085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 162.0 | 153.0 | 193.0 |
| 56 | 122.1 | 106.4 | 146.4 |

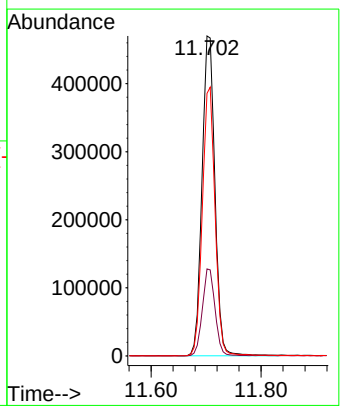


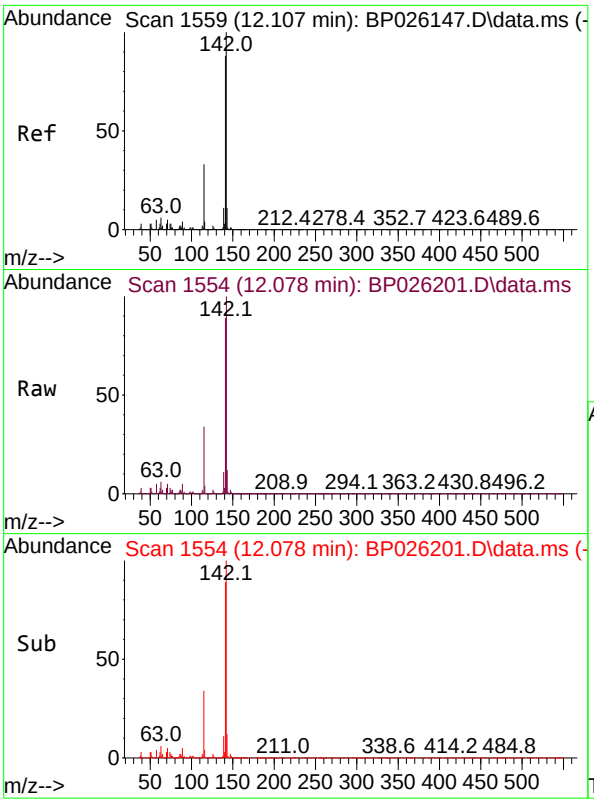




#36
4-Chloro-3-methylphenol
Concen: 48.452 ng
RT: 11.702 min Scan# 1490
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:107 Resp: 762537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.2 | 21.6 | 32.4 |
| 142 | 82.0 | 65.6 | 98.4 |



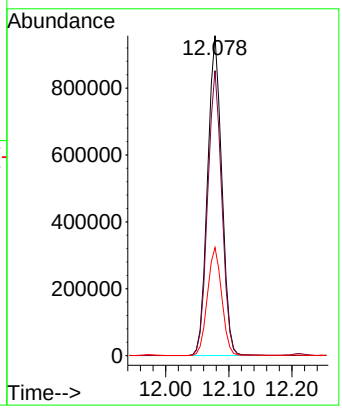


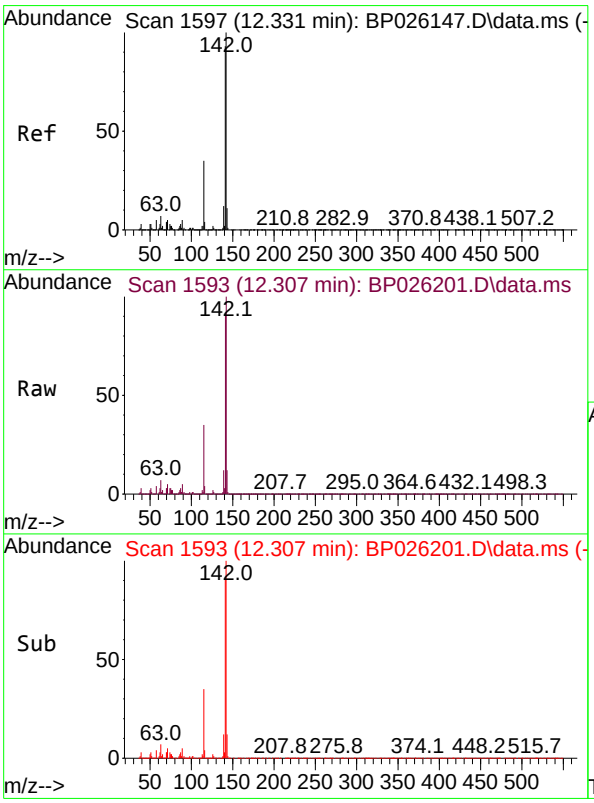

#37
2-Methylnaphthalene
Concen: 42.890 ng
RT: 12.078 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:142 Resp: 1498324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 71.0 | 106.6 |
| 115 | 33.8 | 26.6 | 39.8 |

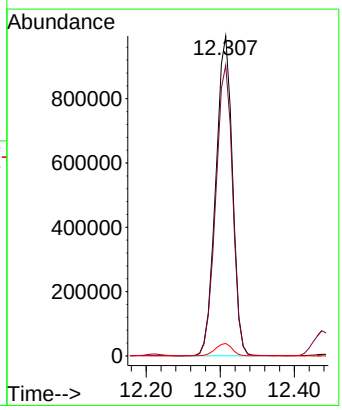


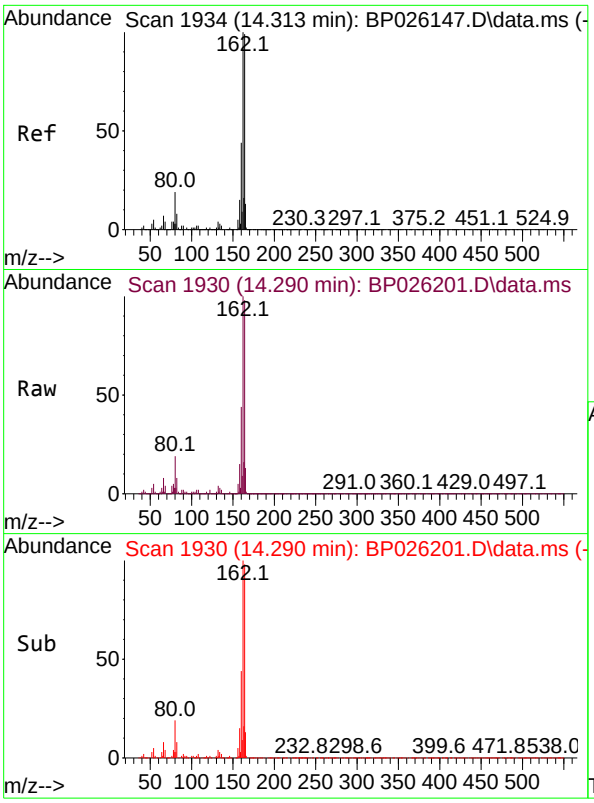




#38
1-Methylnaphthalene
Concen: 45.453 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:142 Resp: 1552007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 73.5 | 110.3 |
| 116 | 3.9 | 3.0 | 4.4 |



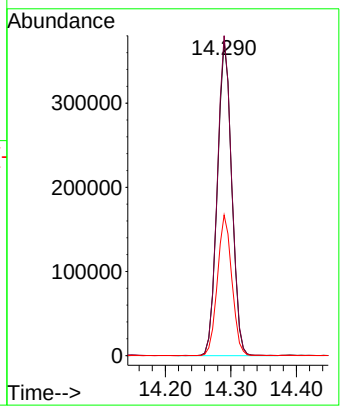


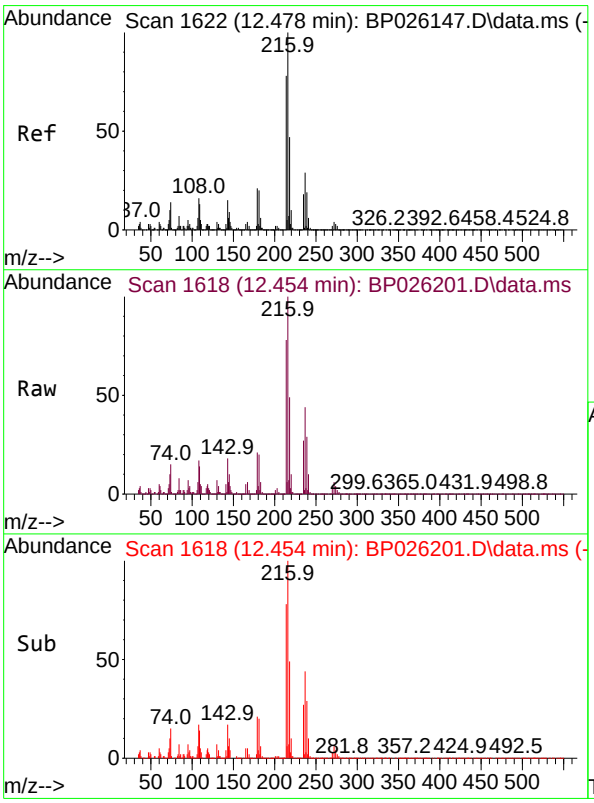

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:164 Resp: 569978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 80.3 | 120.5 |
| 160 | 44.7 | 35.2 | 52.8 |

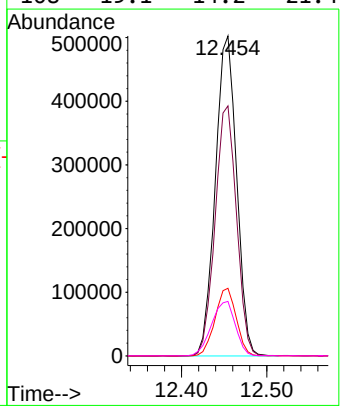


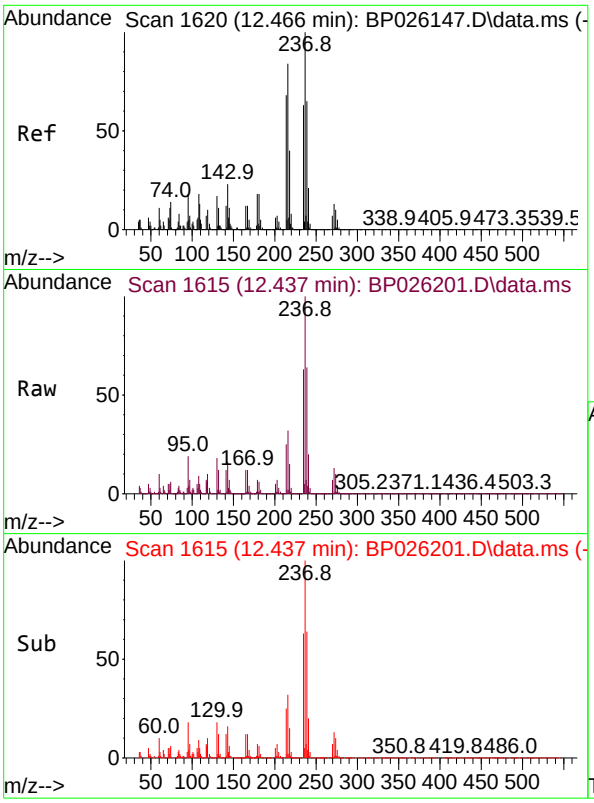




#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.645 ng
RT: 12.454 min Scan# 1618
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:216 Resp: 872851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 62.6 | 94.0 |
| 179 | 21.1 | 16.6 | 25.0 |
| 108 | 19.1 | 14.2 | 21.4 |



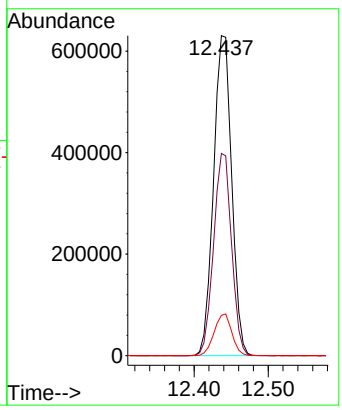


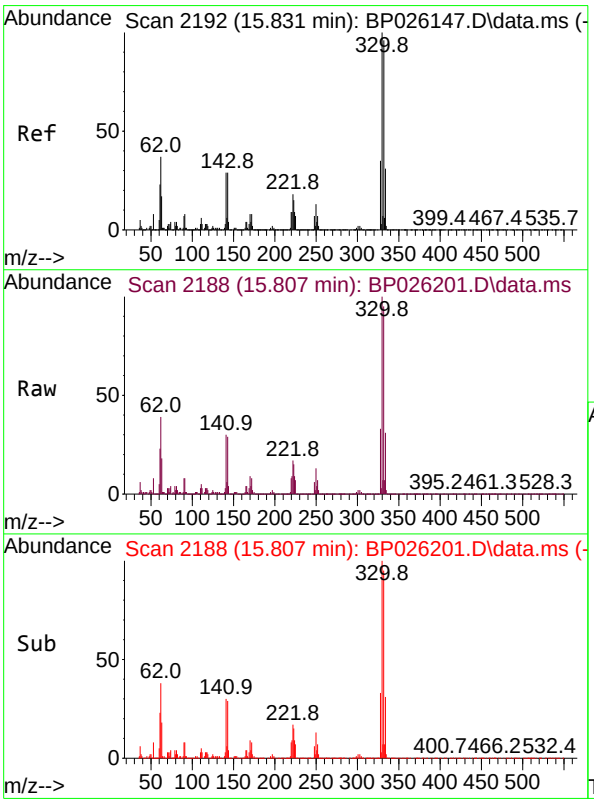

#41
Hexachlorocyclopentadiene
Concen: 95.026 ng
RT: 12.437 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:237 Resp: 1071835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 43.3 | 83.3 |
| 272 | 12.6 | 0.0 | 32.9 |

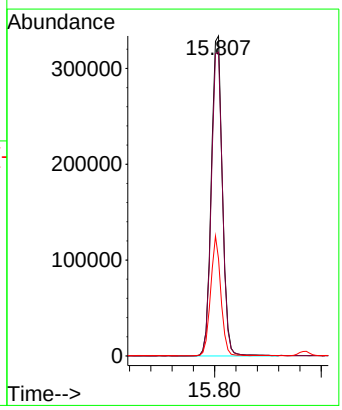


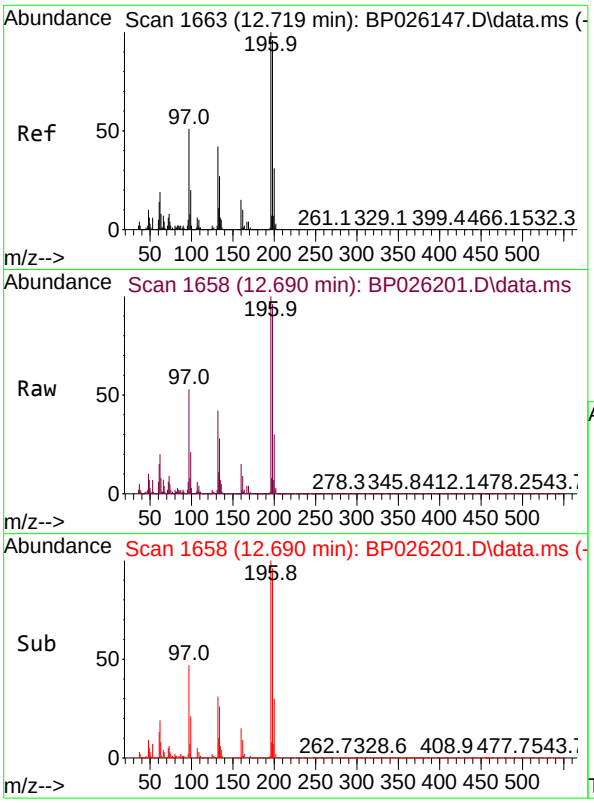




#42
2,4,6-Tribromophenol
Concen: 65.112 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:330 Resp: 481439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 78.0 | 117.0 |
| 141 | 34.5 | 26.8 | 40.2 |



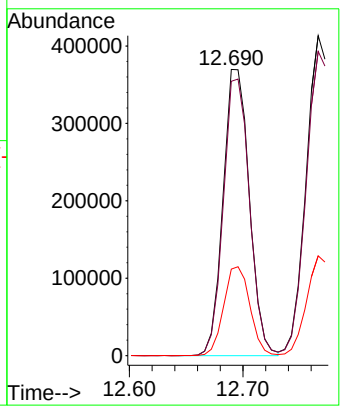


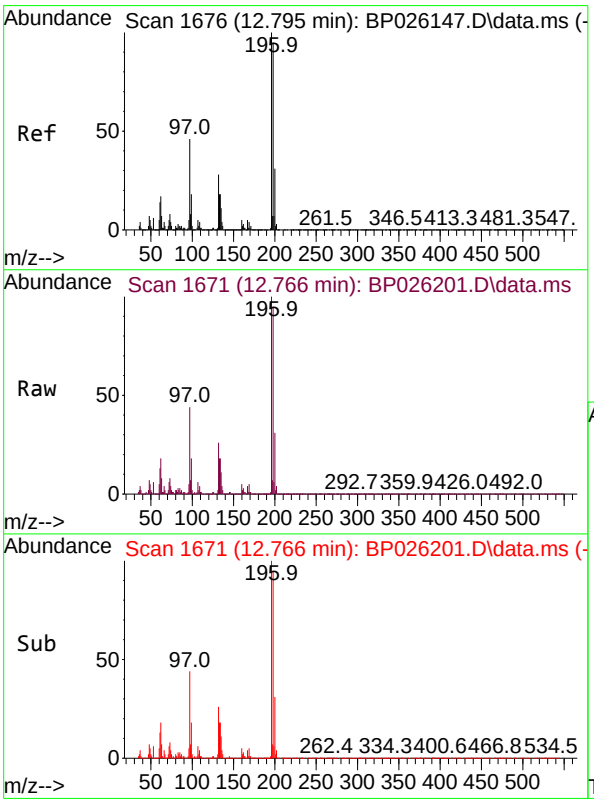

#43
2,4,6-Trichlorophenol
Concen: 50.327 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:196 Resp: 594644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.8 | 76.9 | 115.3 |
| 200 | 30.2 | 24.6 | 37.0 |

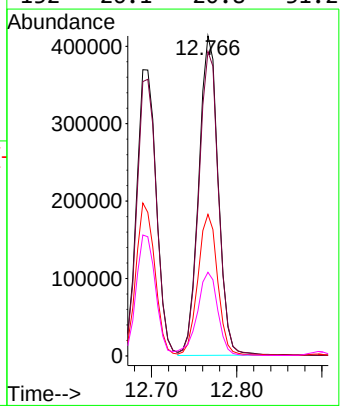


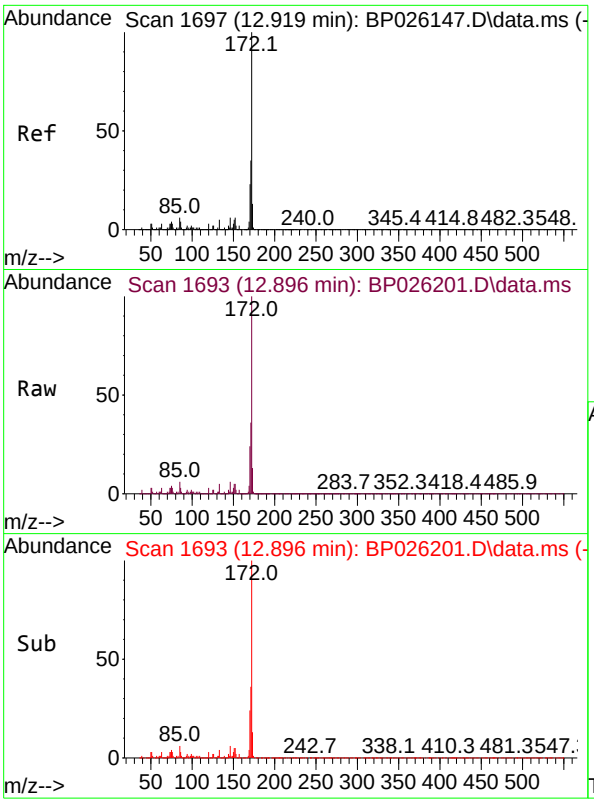




#44
2,4,5-Trichlorophenol
Concen: 49.761 ng
RT: 12.766 min Scan# 1671
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:196 Resp: 656295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 76.4 | 114.6 |
| 97 | 44.2 | 35.7 | 53.5 |
| 132 | 26.1 | 20.8 | 31.2 |



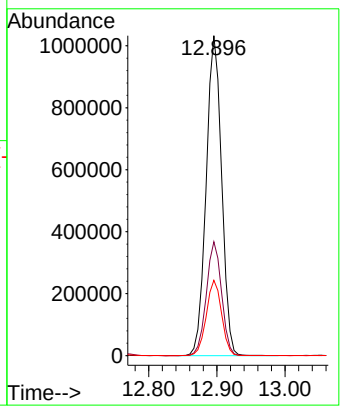


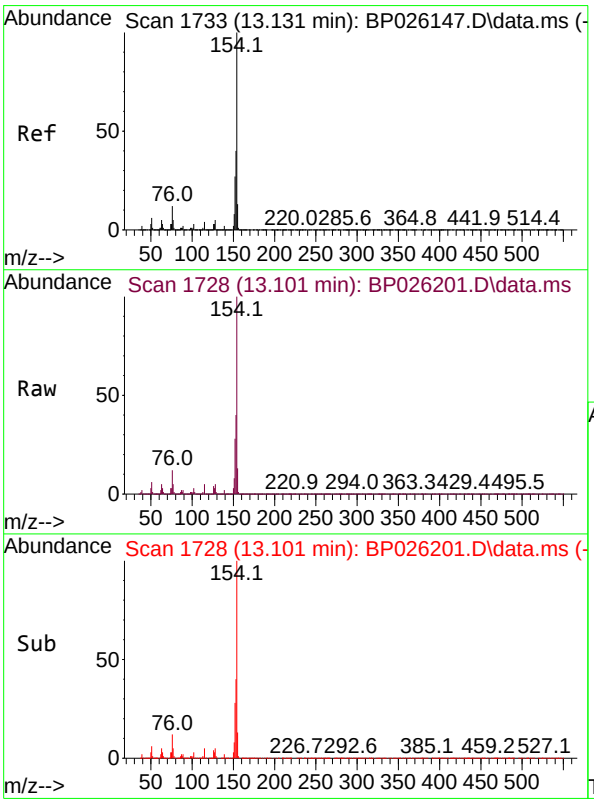

#45
2-Fluorobiphenyl
Concen: 41.820 ng
RT: 12.896 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:172 Resp: 1626385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.2 | 42.4 |
| 170 | 23.5 | 18.7 | 28.1 |

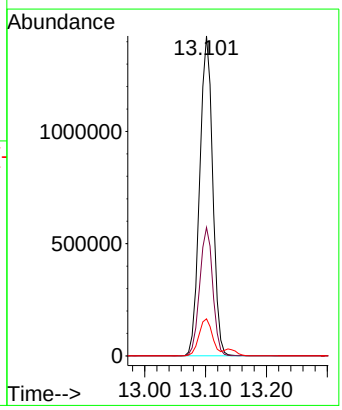


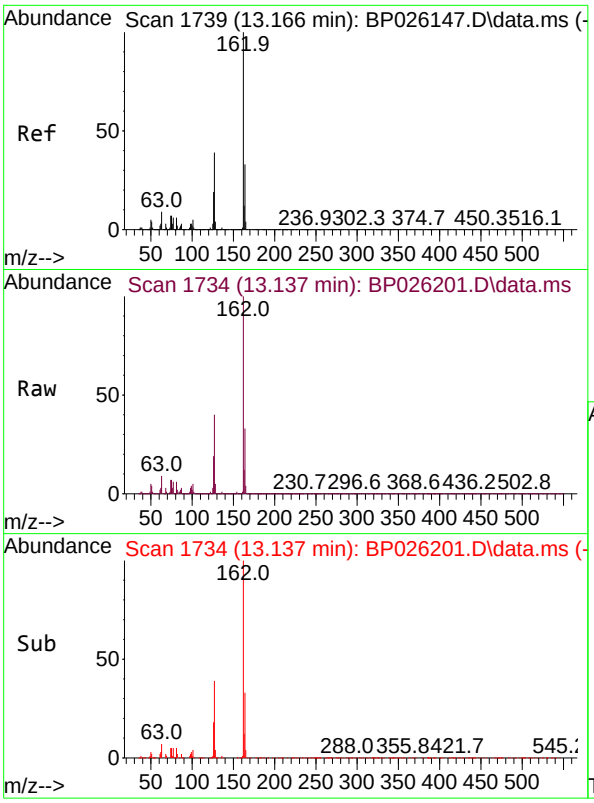




#46
1,1'-Biphenyl
Concen: 49.193 ng
RT: 13.101 min Scan# 1728
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:154 Resp: 2111302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.3 | 60.3 |
| 76 | 11.6 | 0.0 | 32.3 |



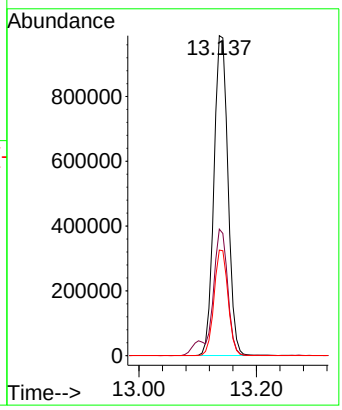


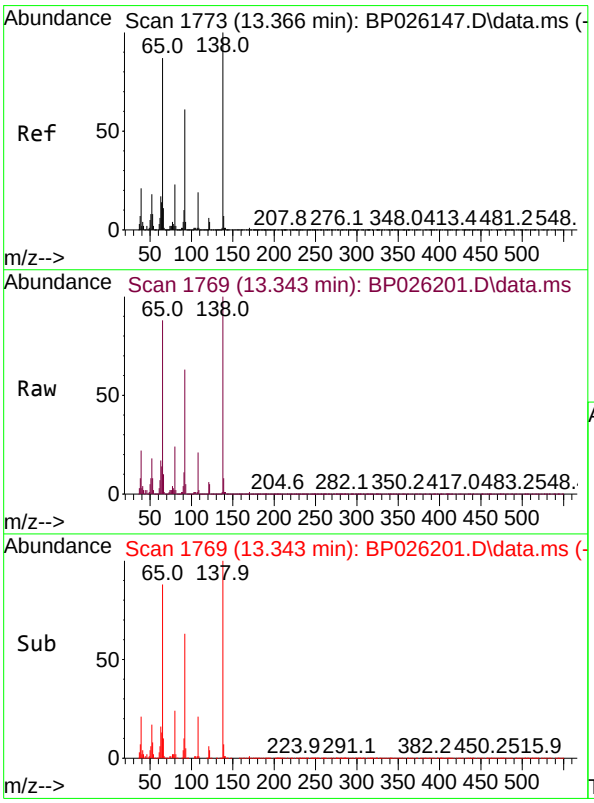

#47
2-Chloronaphthalene
Concen: 48.516 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.047 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:162 Resp: 1637408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.5 | 30.9 | 46.3 |
| 164 | 33.0 | 26.4 | 39.6 |

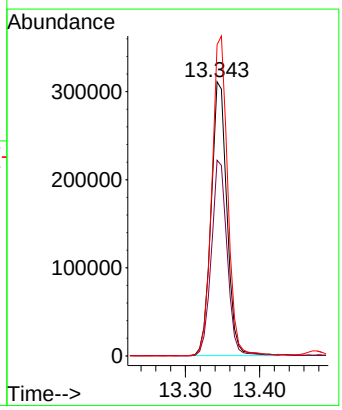


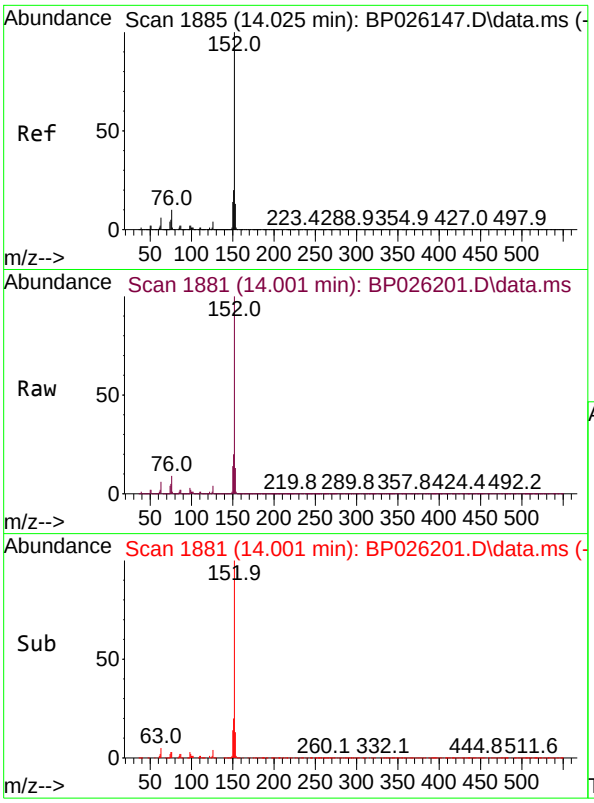




#48
2-Nitroaniline
Concen: 49.187 ng
RT: 13.343 min Scan# 1769
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 65 Resp: 461630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.3 | 59.1 | 88.7 |
| 138 | 113.5 | 96.6 | 145.0 |



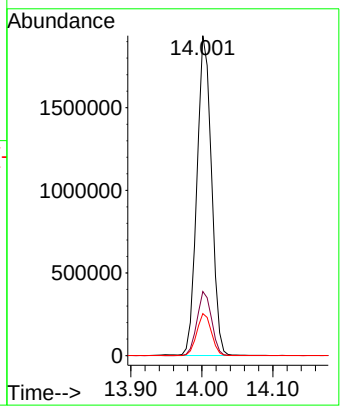


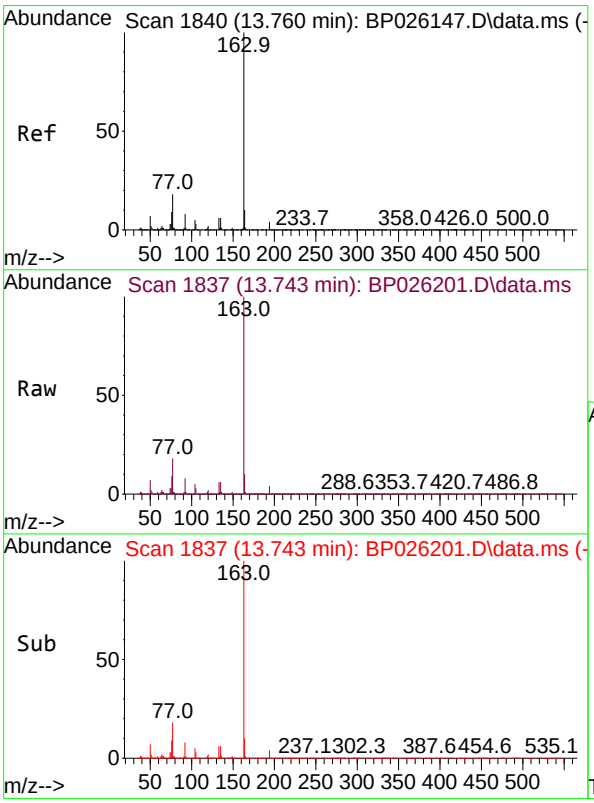

#49
Acenaphthylene
Concen: 49.204 ng
RT: 14.001 min Scan# 18
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:152 Resp: 2739172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 13.1 | 10.6 | 16.0 |

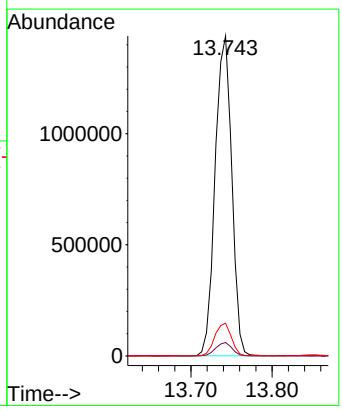


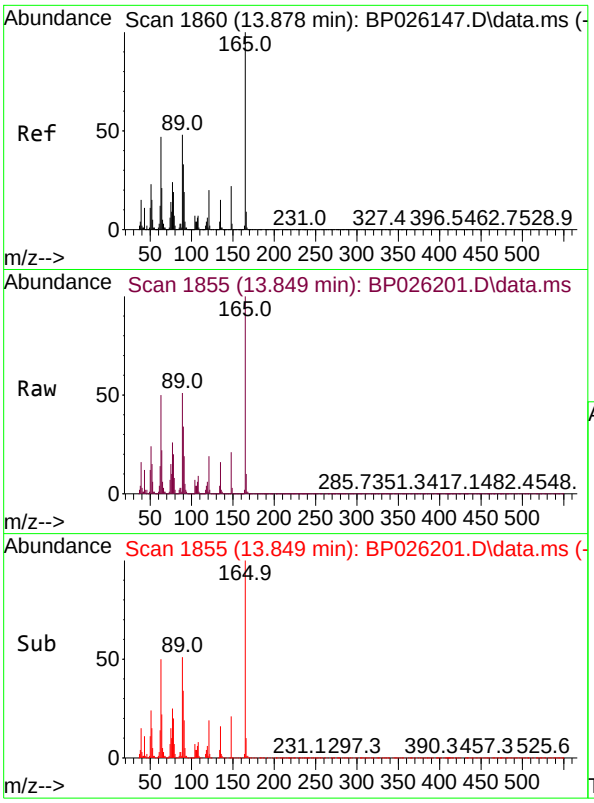




#50
Dimethylphthalate
Concen: 48.002 ng
RT: 13.743 min Scan# 1837
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:163 Resp: 2043526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.2 | 8.2 | 12.2 |



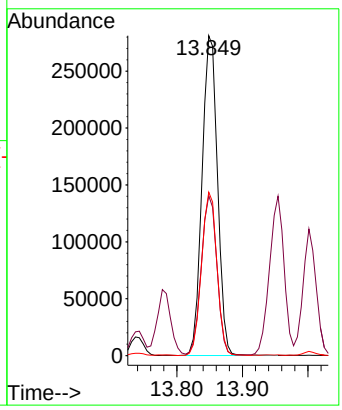


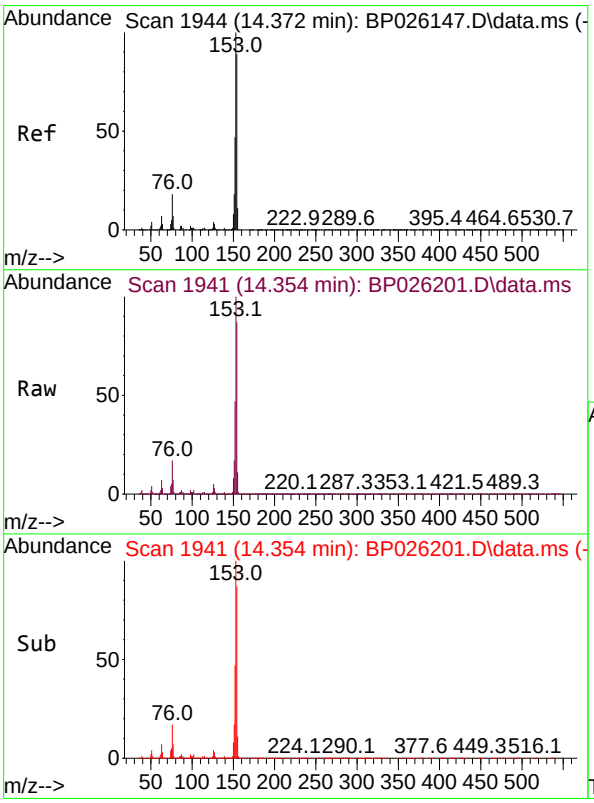

#51
2,6-Dinitrotoluene
Concen: 54.271 ng
RT: 13.849 min Scan# 18
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:165 Resp: 457796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.9 | 40.5 | 60.7 |
| 89 | 51.1 | 41.3 | 61.9 |

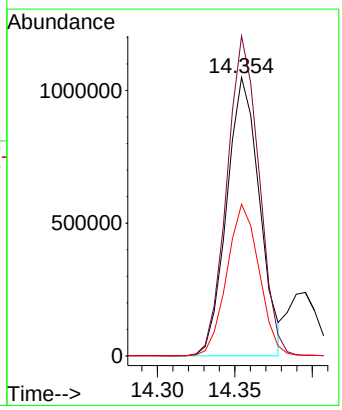


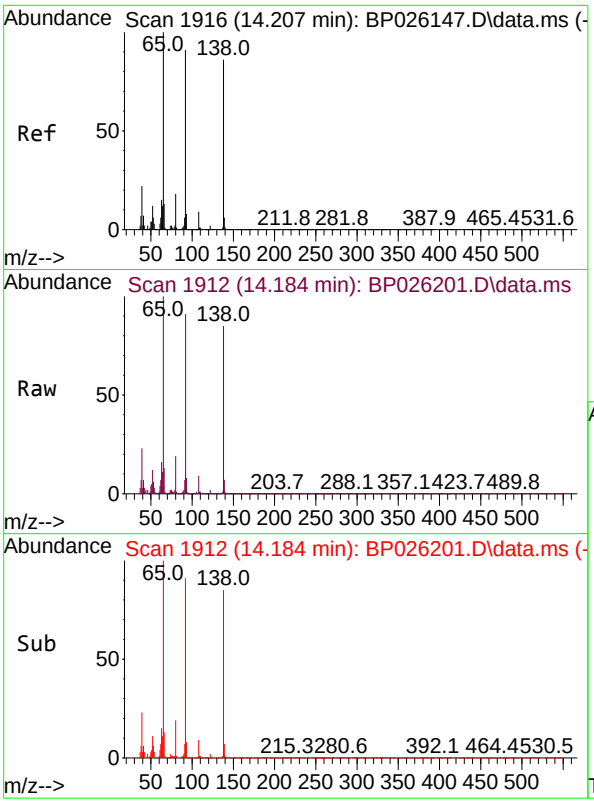




#52
Acenaphthene
Concen: 47.265 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:154 Resp: 1541992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.9 | 90.7 | 136.1 |
| 152 | 54.5 | 42.8 | 64.2 |



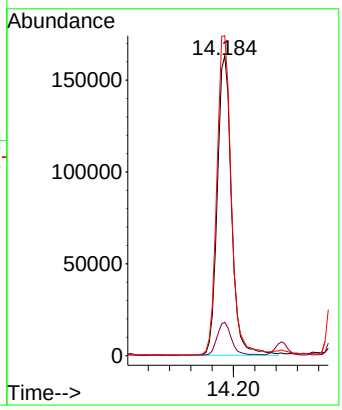


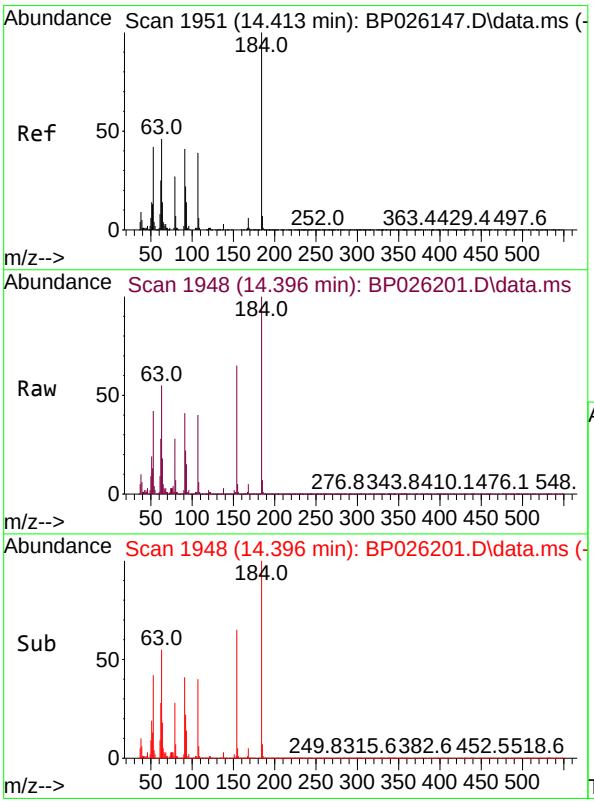

#53
3-Nitroaniline
Concen: 30.436 ng
RT: 14.184 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:138 Resp: 302286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 8.9 | 13.3 |
| 92 | 106.8 | 86.3 | 129.5 |

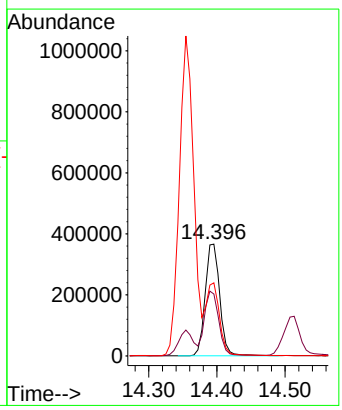


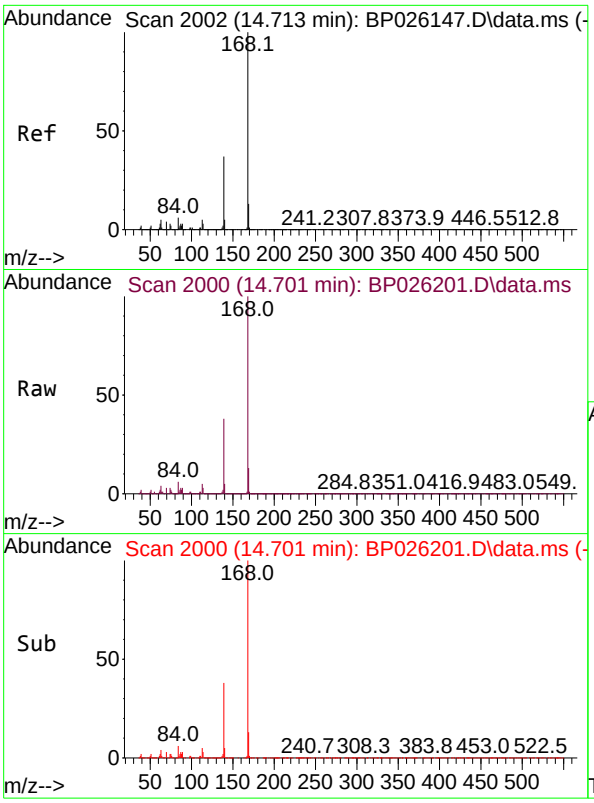




#54
2,4-Dinitrophenol
Concen: 106.681 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:184 Resp: 543215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.4 | 43.1 | 64.7 |
| 154 | 65.3 | 49.5 | 74.3 |



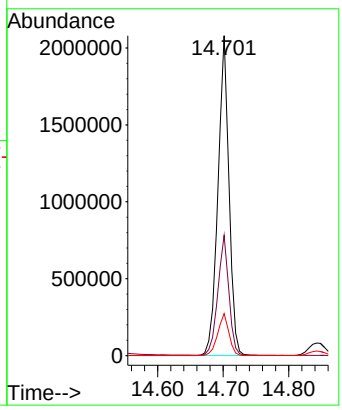


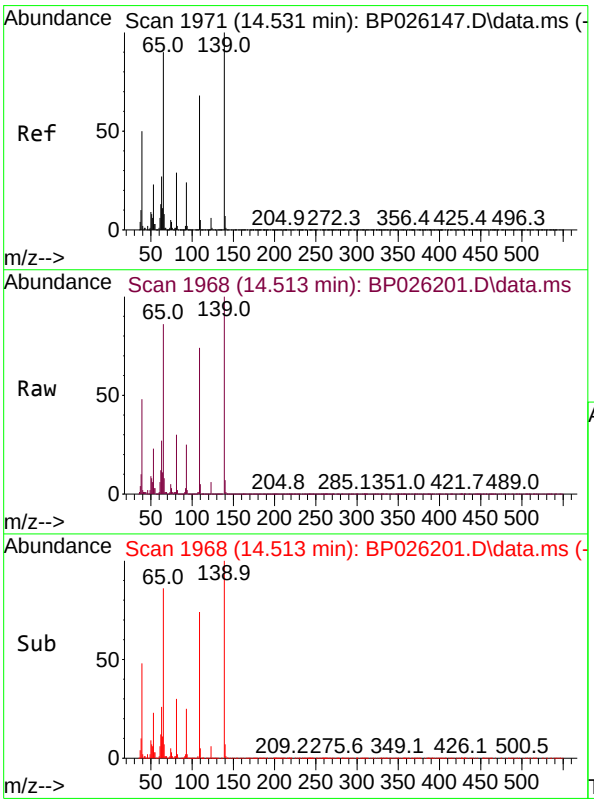

#55
Dibenzofuran
Concen: 48.278 ng
RT: 14.701 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:168 Resp: 2439496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.6 | 29.8 | 44.6 |
| 169 | 13.1 | 10.9 | 16.3 |

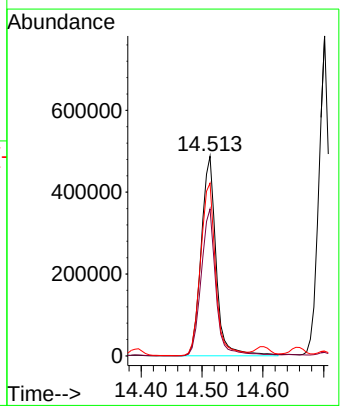


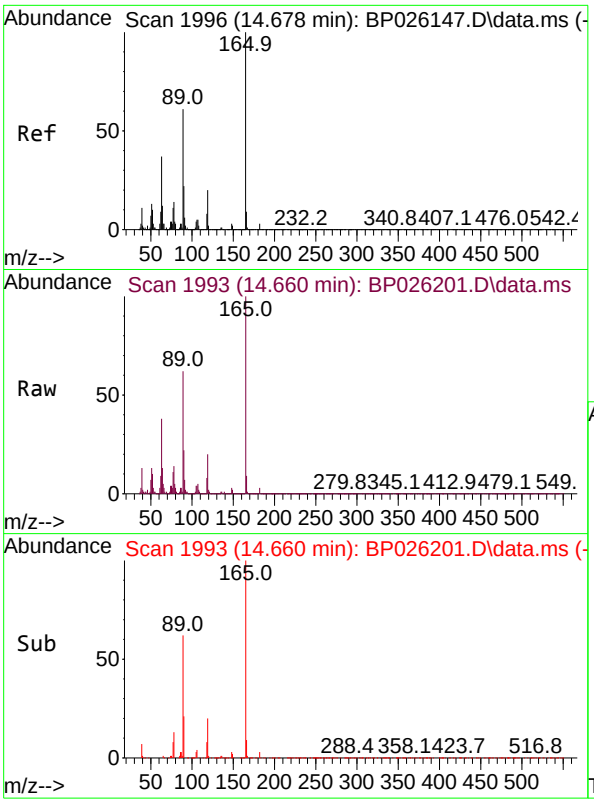




#56
4-Nitrophenol
Concen: 92.485 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:139 Resp: 830971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 73.7 | 46.8 | 86.8 |
| 65 | 86.5 | 69.3 | 109.3 |



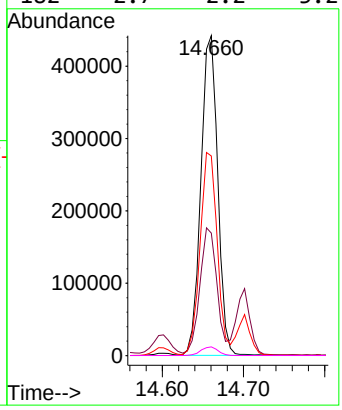


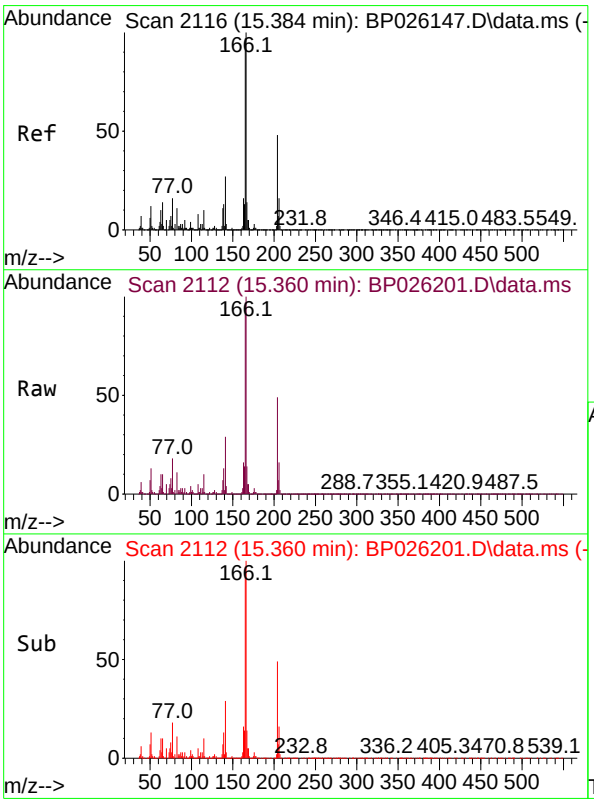

#57
2,4-Dinitrotoluene
Concen: 50.621 ng
RT: 14.660 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:165 Resp: 637580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.3 | 31.0 | 46.6 |
| 89 | 62.4 | 51.7 | 77.5 |
| 182 | 2.7 | 2.2 | 3.2 |

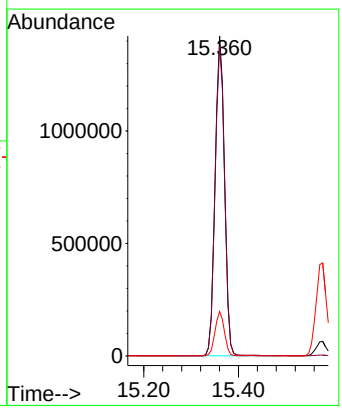


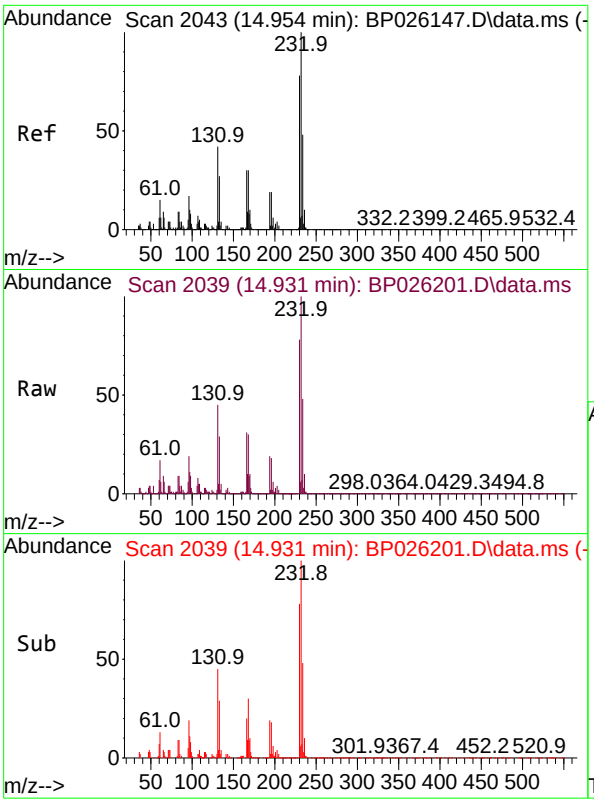




#58
Fluorene
Concen: 49.141 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:166 Resp: 1962637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.9 | 77.9 | 116.9 |
| 167 | 13.9 | 11.0 | 16.4 |



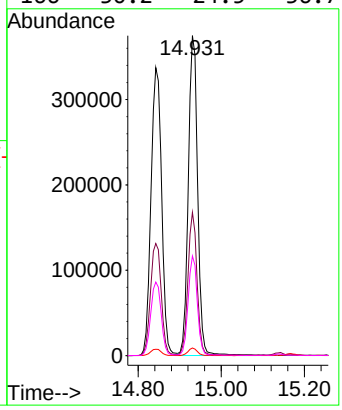


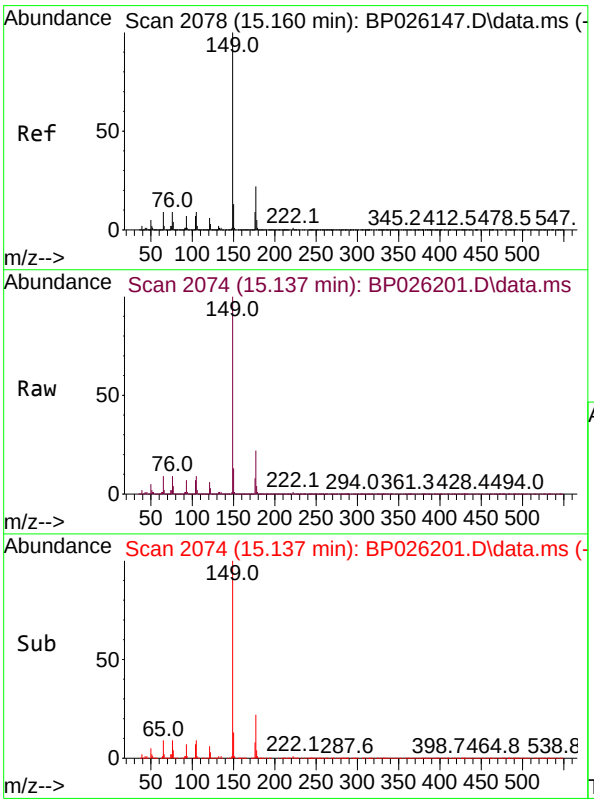

#59
2,3,4,6-Tetrachlorophenol
Concen: 52.385 ng
RT: 14.931 min Scan# 20
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:232 Resp: 586135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 34.8 | 52.2 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 30.2 | 24.5 | 36.7 |

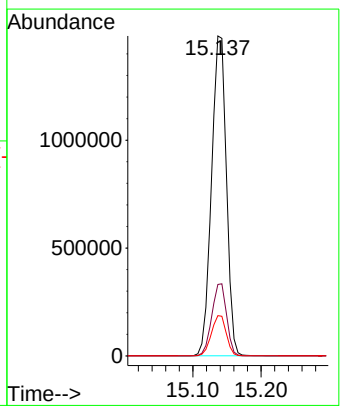


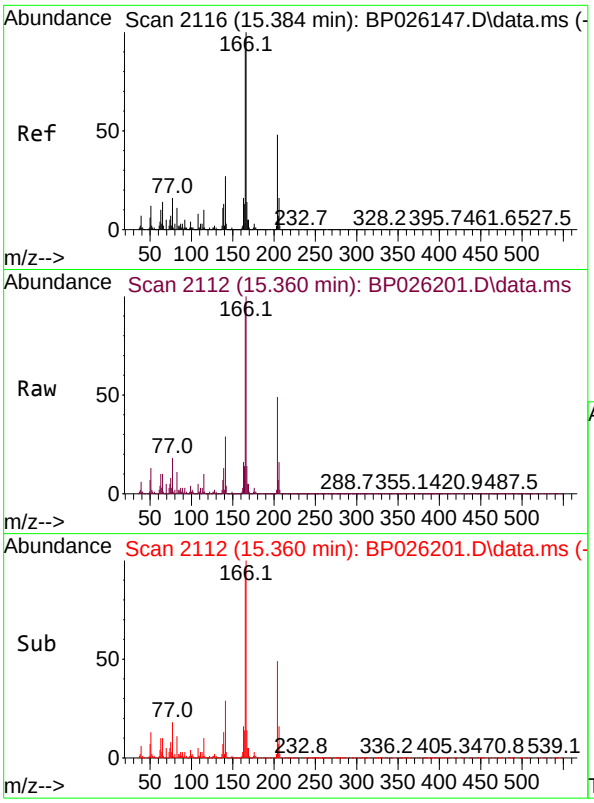




#60
Diethylphthalate
Concen: 52.266 ng
RT: 15.137 min Scan# 2074
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 2241447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.3 | 17.9 | 26.9 |
| 150 | 12.6 | 9.9 | 14.9 |



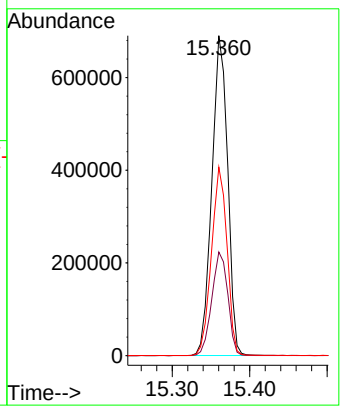


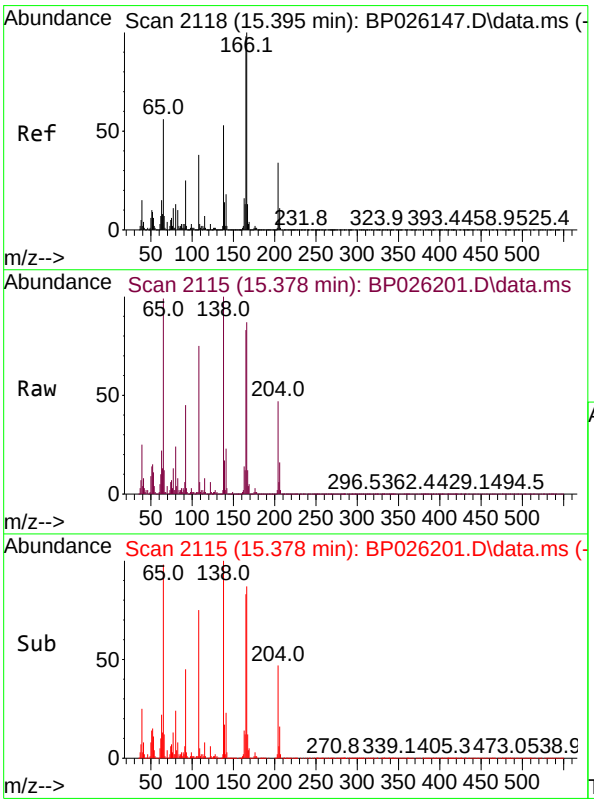

#61
4-Chlorophenyl-phenylether
Concen: 49.162 ng
RT: 15.360 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:204 Resp: 976947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 26.2 | 39.2 |
| 141 | 58.9 | 48.1 | 72.1 |

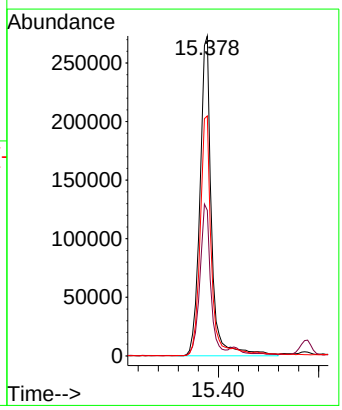


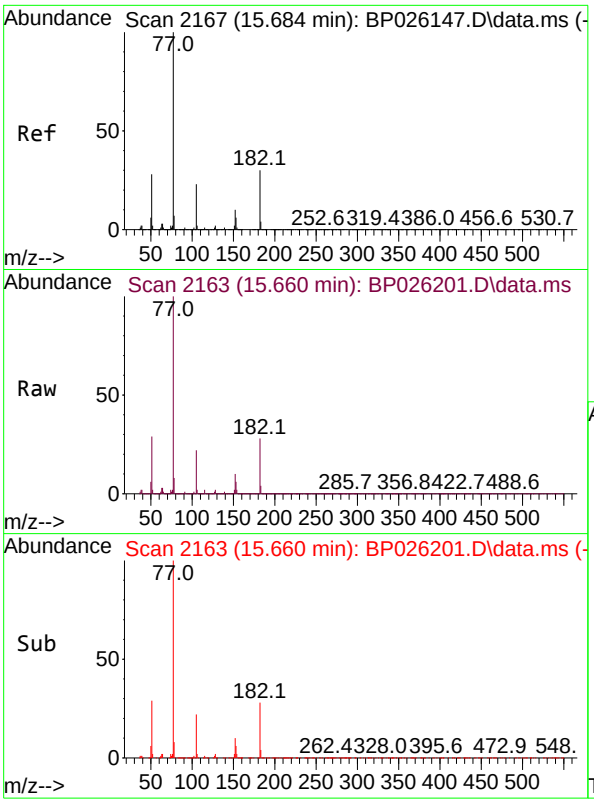




#62
4-Nitroaniline
Concen: 42.344 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:138 Resp: 436714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.5 | 27.5 | 67.5 |
| 108 | 75.0 | 51.1 | 91.1 |



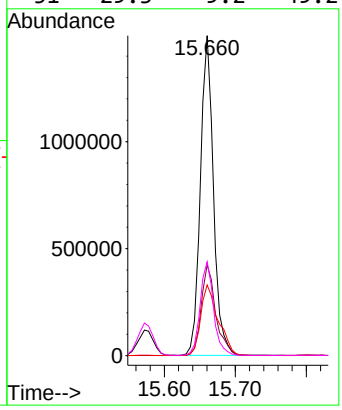


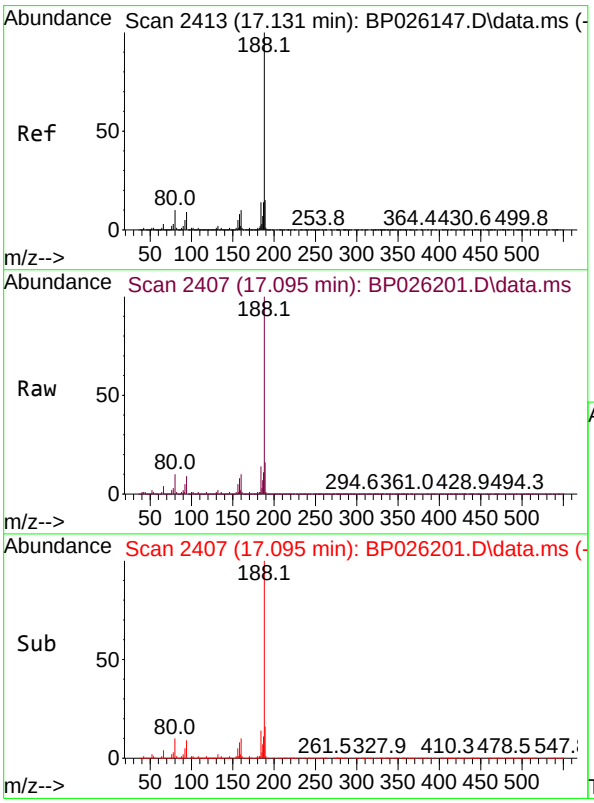

#63
Azobenzene
Concen: 52.687 ng
RT: 15.660 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion: 77 Resp: 1905150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.4 | 8.8 | 48.8 |
| 105 | 22.1 | 2.6 | 42.6 |
| 51 | 29.3 | 9.2 | 49.2 |

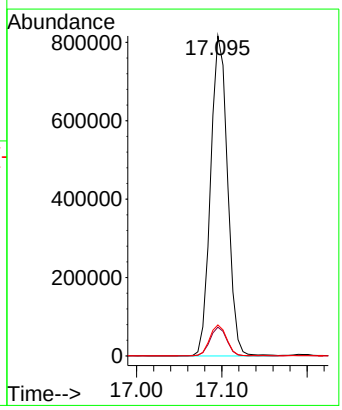


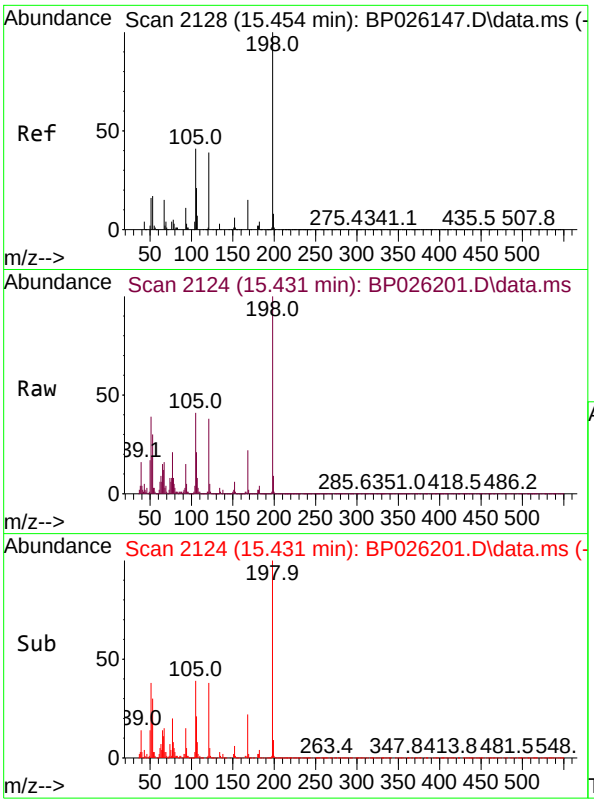




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:188 Resp: 1129941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 7.8 | 11.6 |
| 80 | 9.7 | 8.2 | 12.2 |



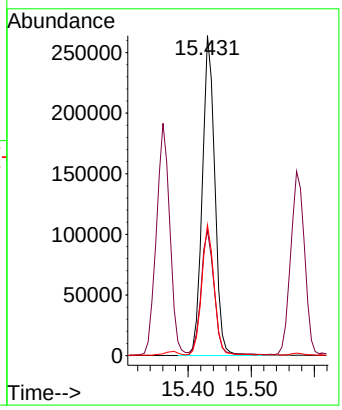


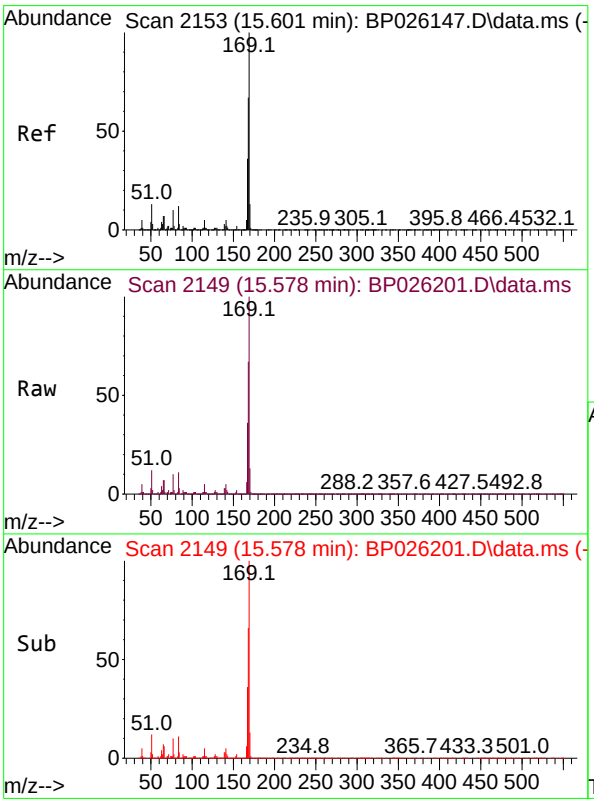

#65
4,6-Dinitro-2-methylphenol
Concen: 50.467 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:198 Resp: 362269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 39.0 | 18.4 | 58.4 |
| 105 | 40.8 | 18.5 | 58.5 |

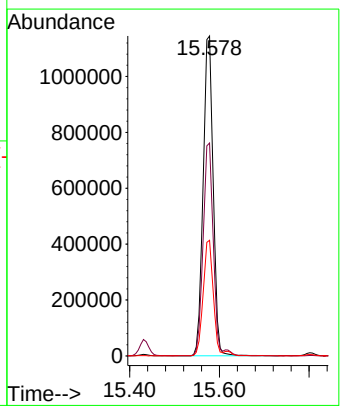


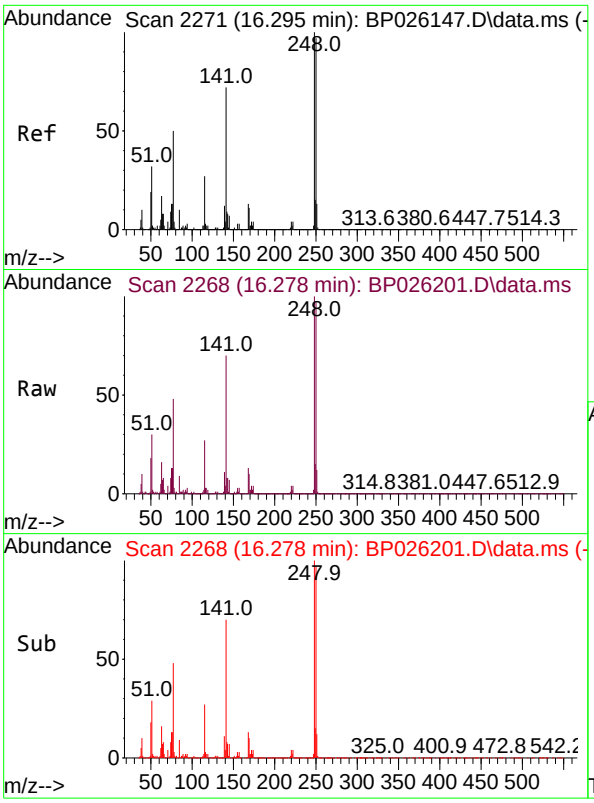




#66
n-Nitrosodiphenylamine
Concen: 50.799 ng
RT: 15.578 min Scan# 2149
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:169 Resp: 1775615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 36.1 | 28.9 | 43.3 |



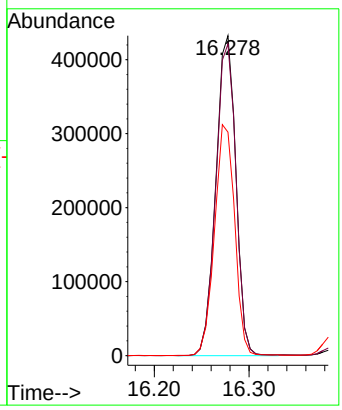


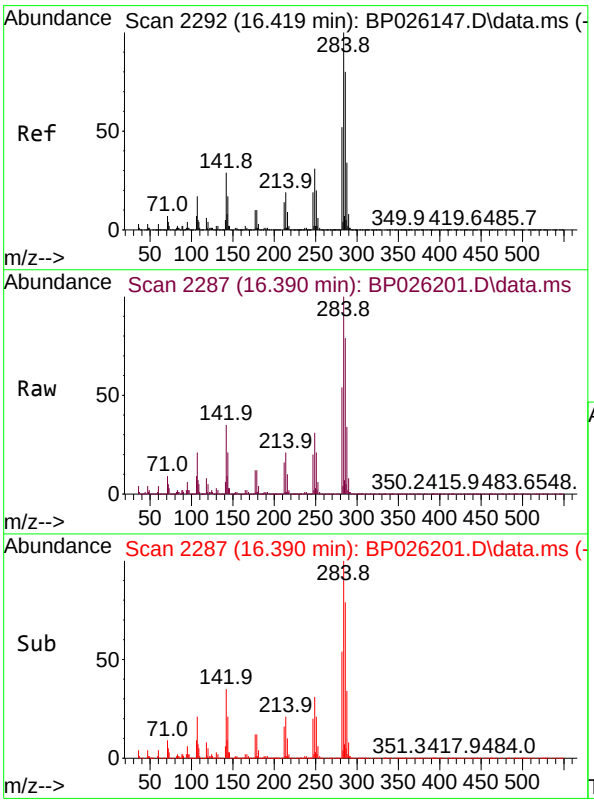

#67
4-Bromophenyl-phenylether
Concen: 50.706 ng
RT: 16.278 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:248 Resp: 634525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.8 | 116.6 |
| 141 | 69.8 | 55.4 | 83.0 |

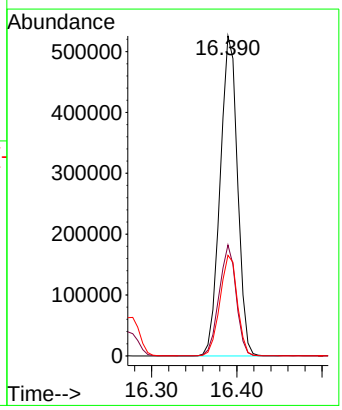


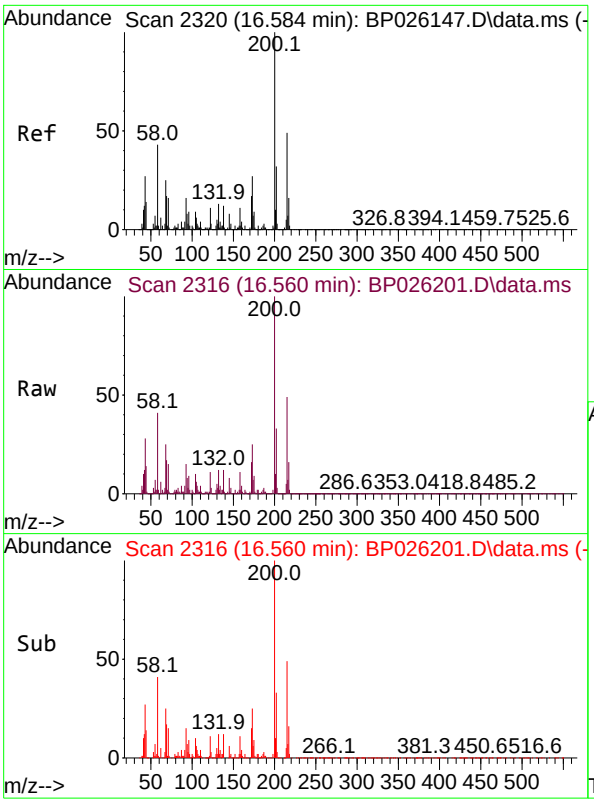




#68
Hexachlorobenzene
Concen: 51.358 ng
RT: 16.390 min Scan# 2287
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:284 Resp: 745760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.7 | 28.0 | 42.0 |
| 249 | 31.4 | 25.0 | 37.4 |



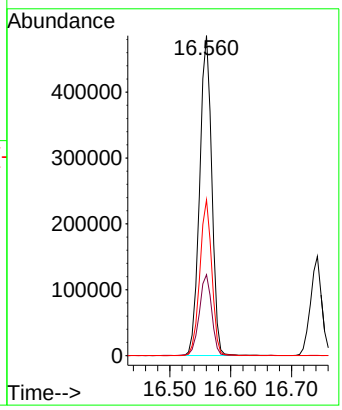


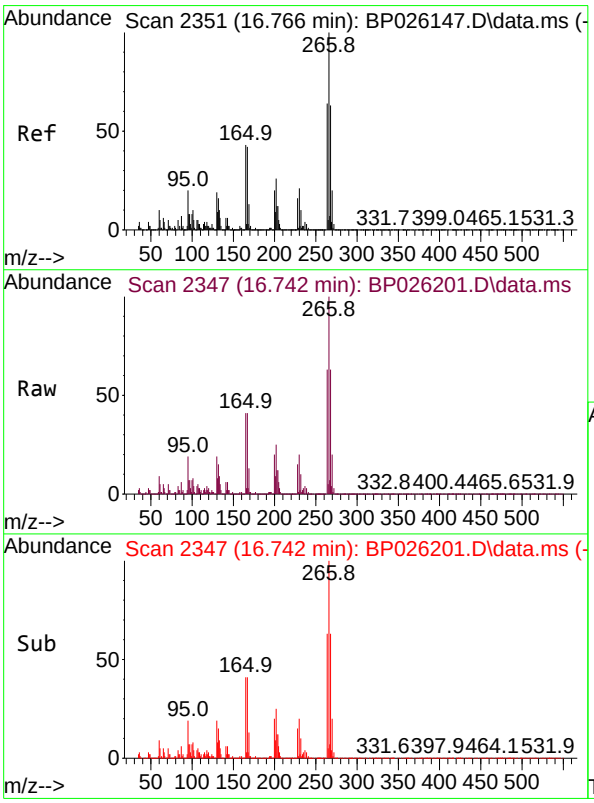

#69
Atrazine
Concen: 50.835 ng
RT: 16.560 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:200 Resp: 670034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.3 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |

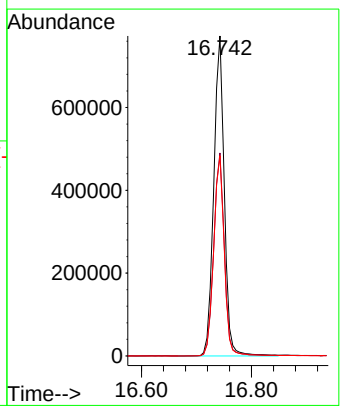


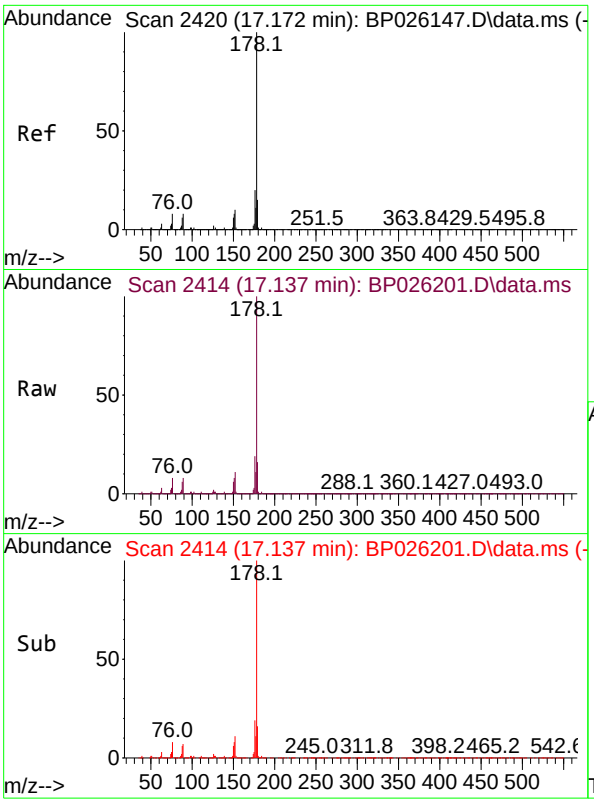




#70
Pentachlorophenol
Concen: 100.983 ng
RT: 16.742 min Scan# 2347
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:266 Resp: 1025730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 51.0 | 76.4 |
| 264 | 62.6 | 50.2 | 75.2 |



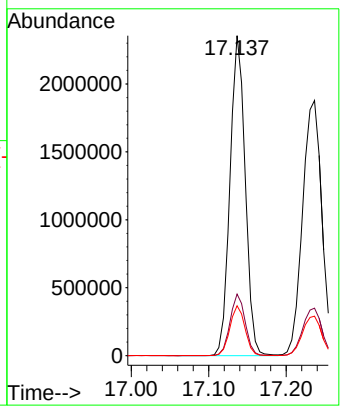


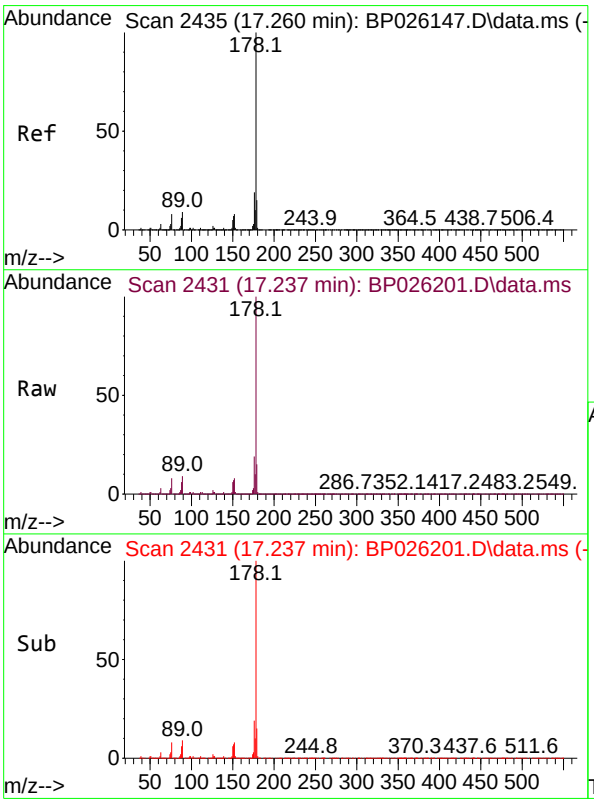

#71
Phenanthrene
Concen: 50.519 ng
RT: 17.137 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:178 Resp: 3215634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.2 |
| 179 | 15.6 | 12.4 | 18.6 |

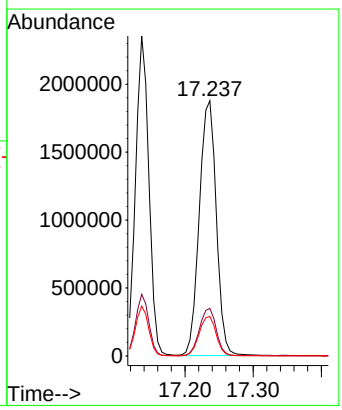


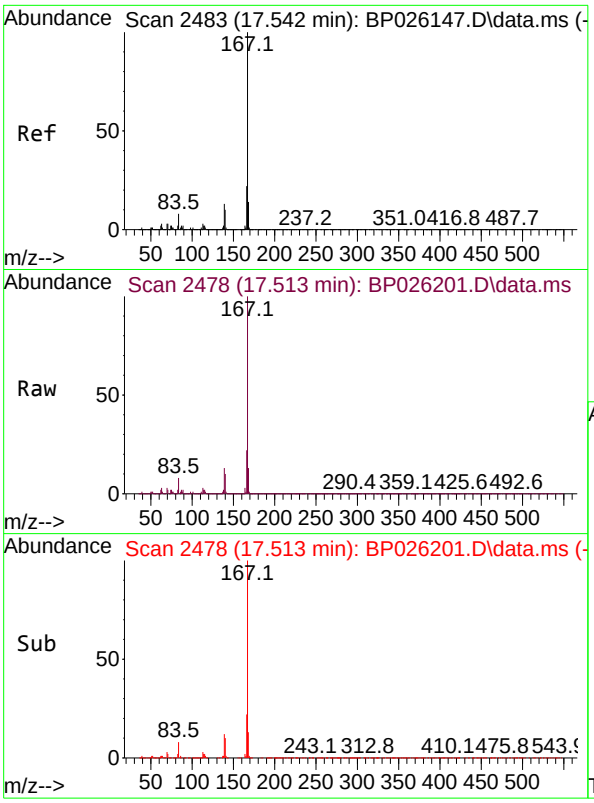




#72
Anthracene
Concen: 50.174 ng
RT: 17.237 min Scan# 2431
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:178 Resp: 3257412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.8 | 22.2 |
| 179 | 15.5 | 12.2 | 18.4 |



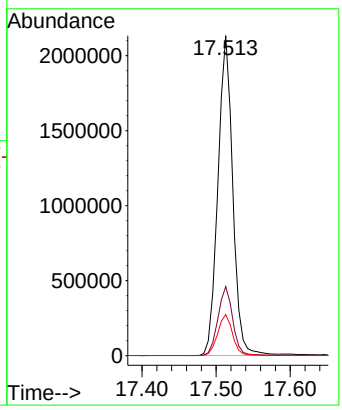


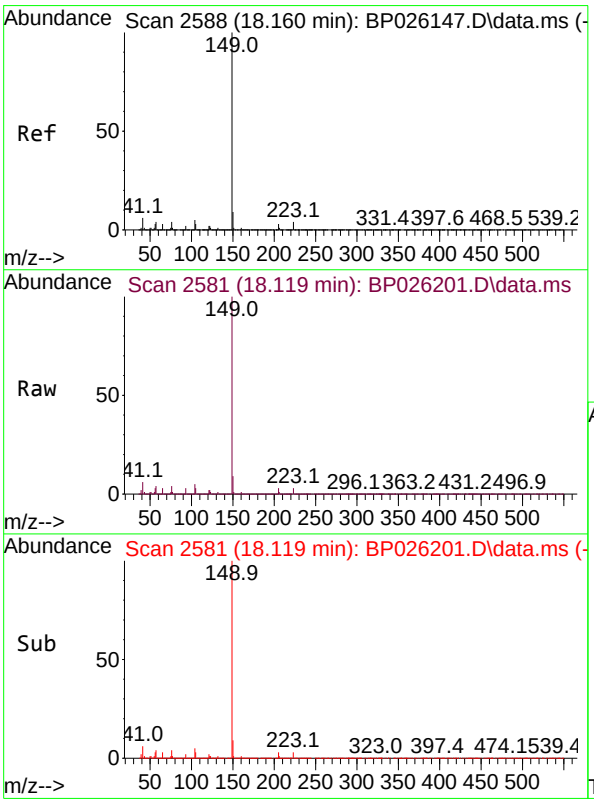

#73
Carbazole
Concen: 48.125 ng
RT: 17.513 min Scan# 24
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:167 Resp: 2967469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.1 | 25.7 |
| 139 | 12.8 | 10.2 | 15.4 |

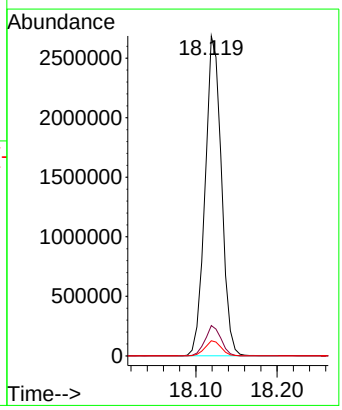


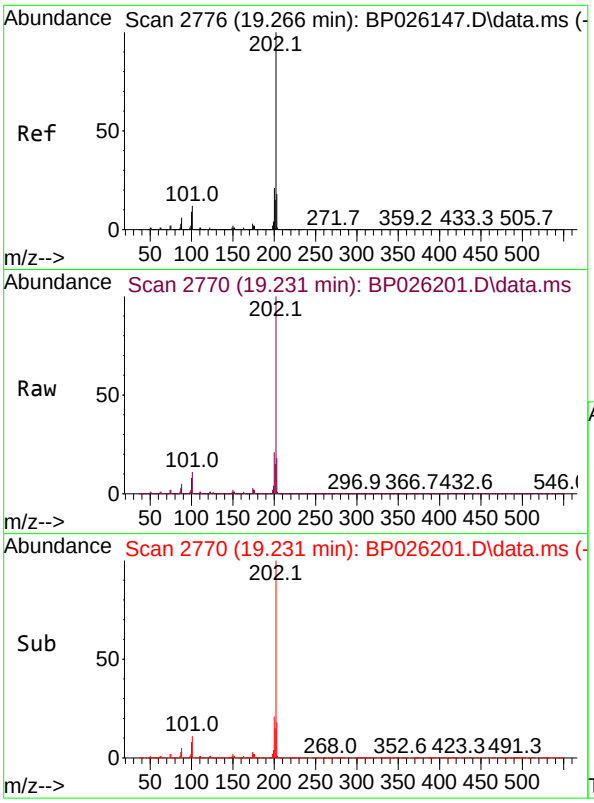




#74
Di-n-butylphthalate
Concen: 51.358 ng
RT: 18.119 min Scan# 2581
Delta R.T. -0.041 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 3754359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |



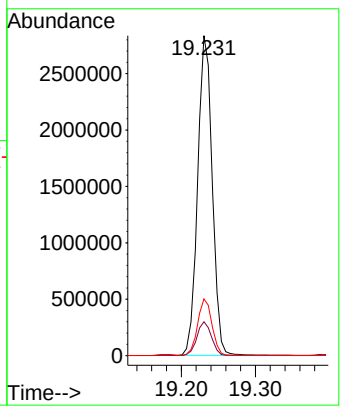


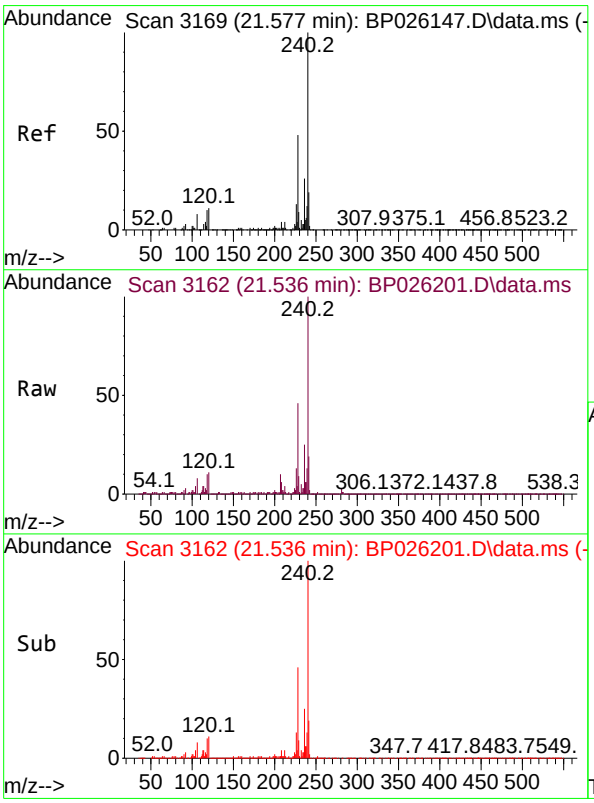

#75
Fluoranthene
Concen: 50.166 ng
RT: 19.231 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:202 Resp: 3879717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 31.2 |
| 203 | 17.7 | 0.0 | 37.7 |

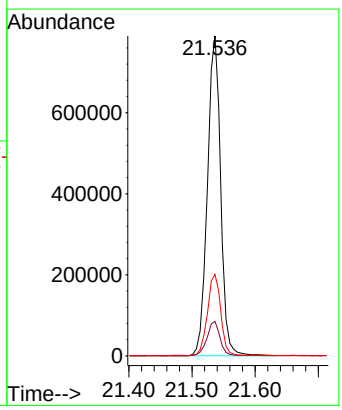


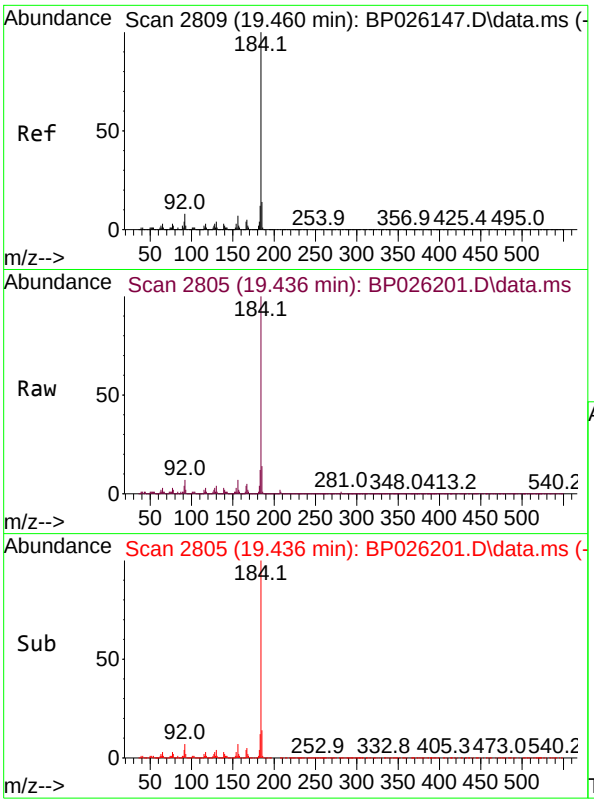




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:240 Resp: 1151085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 9.0 | 13.4 |
| 236 | 25.5 | 20.4 | 30.6 |



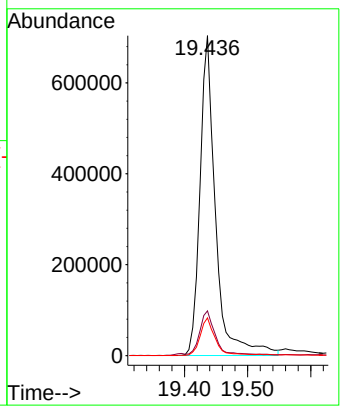


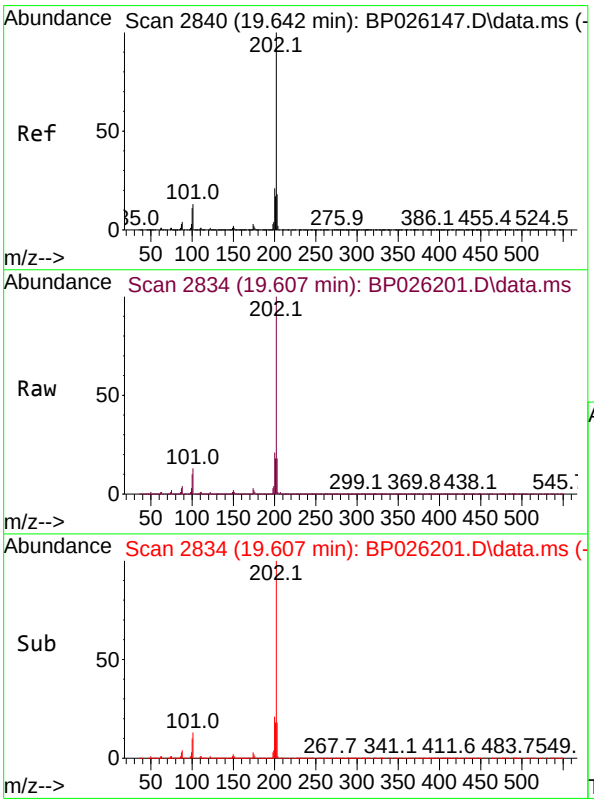

#77
Benzidine
Concen: 33.011 ng
RT: 19.436 min Scan# 28
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:184 Resp: 1205912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.3 | 16.9 |
| 183 | 11.8 | 9.0 | 13.6 |

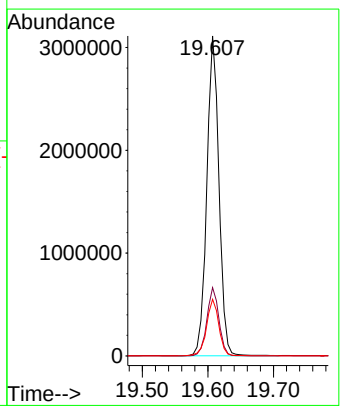


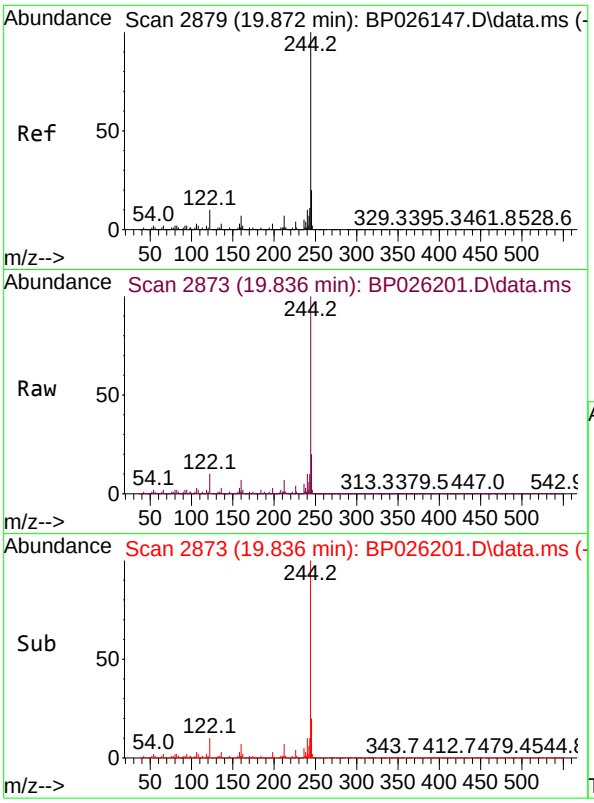




#78
Pyrene
Concen: 52.870 ng
RT: 19.607 min Scan# 2834
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:202 Resp: 3990288

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



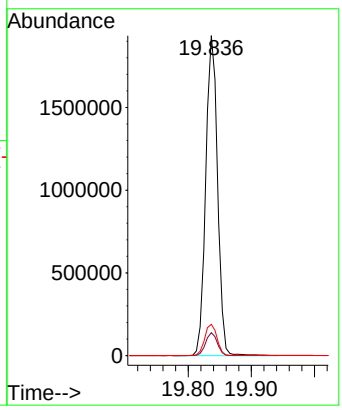


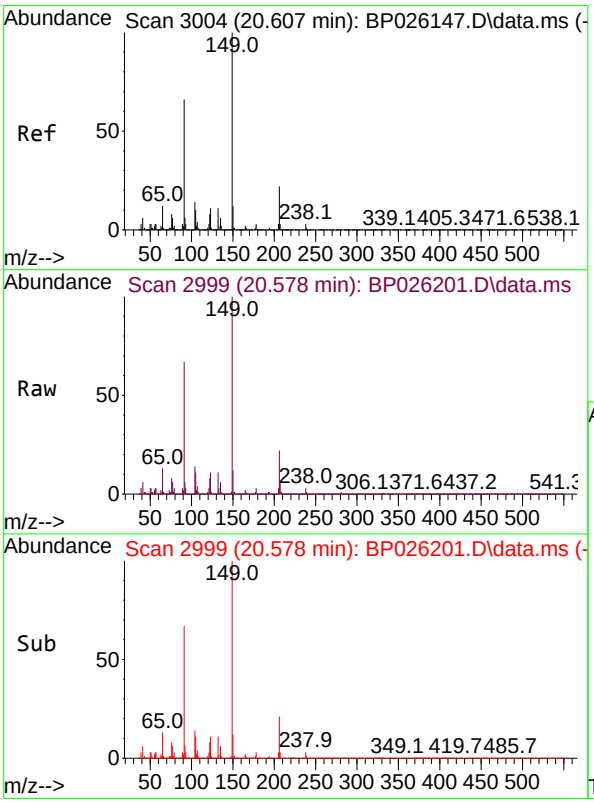

#79
Terphenyl-d14
Concen: 44.421 ng
RT: 19.836 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:244 Resp: 2507666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.8 |
| 122 | 9.8 | 8.2 | 12.2 |

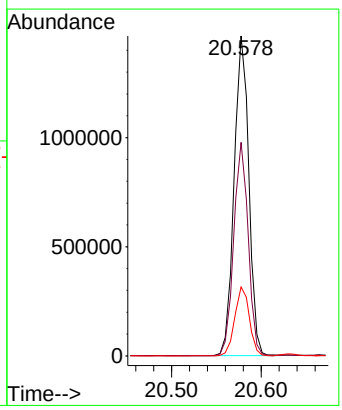


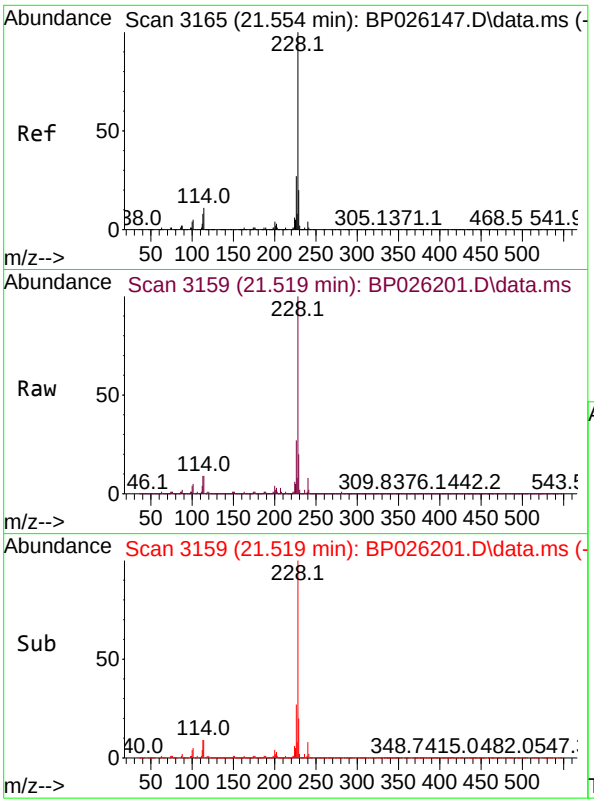




#80
Butylbenzylphthalate
Concen: 50.112 ng
RT: 20.578 min Scan# 2999
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 1665637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.7 | 52.6 | 79.0 |
| 206 | 21.5 | 16.9 | 25.3 |



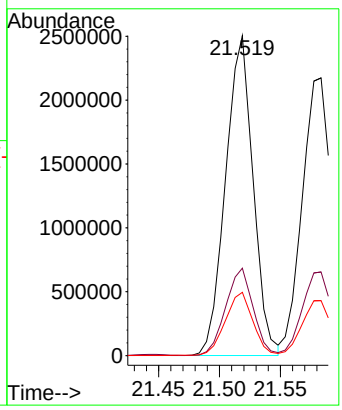


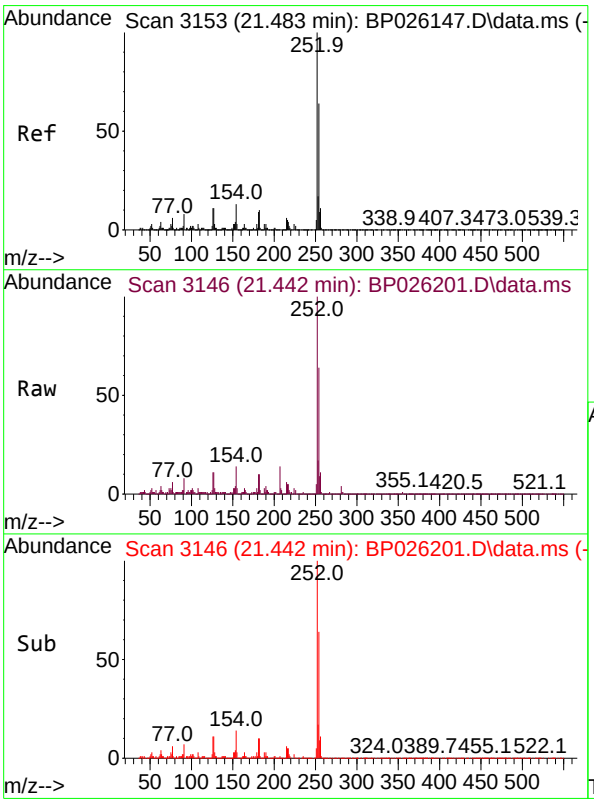

#81
Benzo(a)anthracene
Concen: 49.901 ng
RT: 21.519 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:228 Resp: 3944904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.8 | 32.8 |
| 229 | 19.8 | 15.9 | 23.9 |

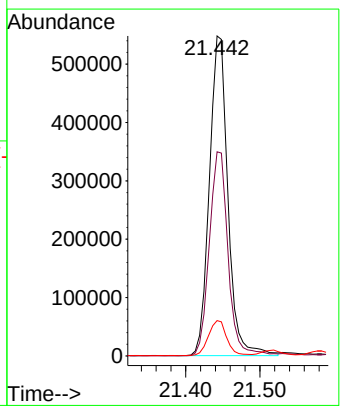


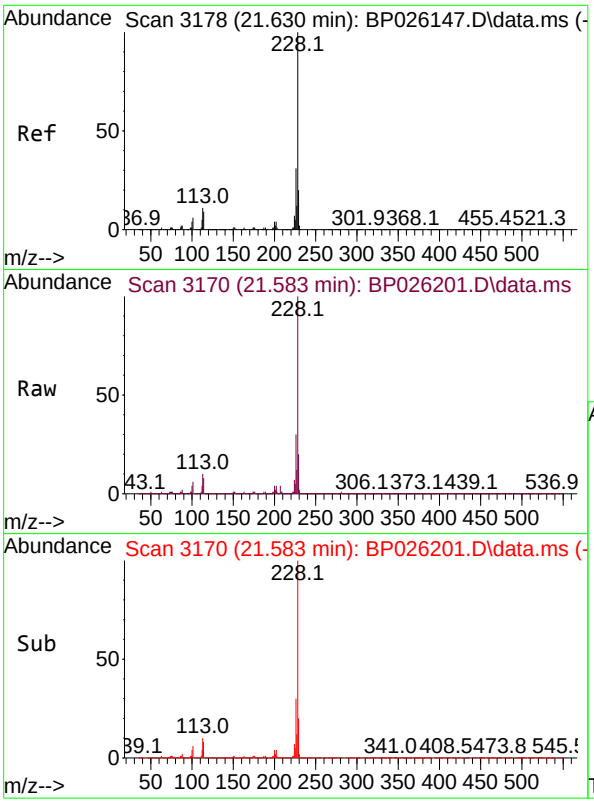




#82
3,3'-Dichlorobenzidine
Concen: 33.130 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.047 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:252 Resp: 952449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.8 | 51.2 | 76.8 |
| 126 | 11.1 | 8.2 | 12.4 |



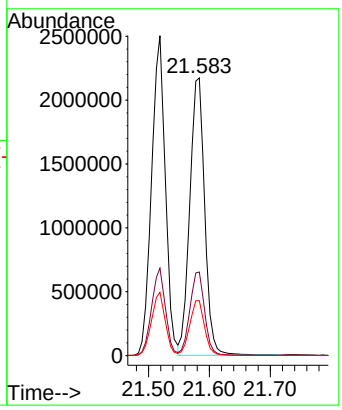


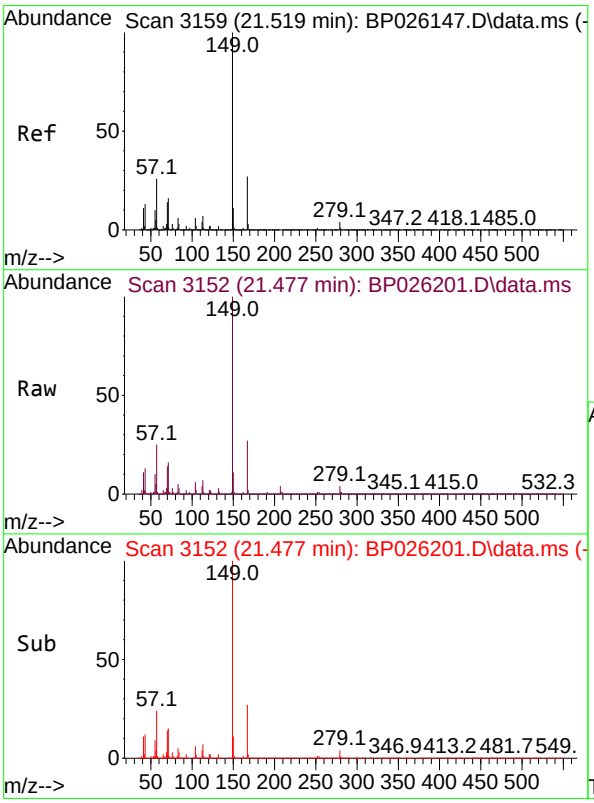

#83
Chrysene
Concen: 49.581 ng
RT: 21.583 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:228 Resp: 3694023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.9 | 35.9 |
| 229 | 19.8 | 15.9 | 23.9 |

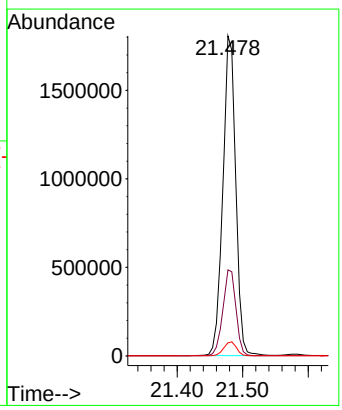


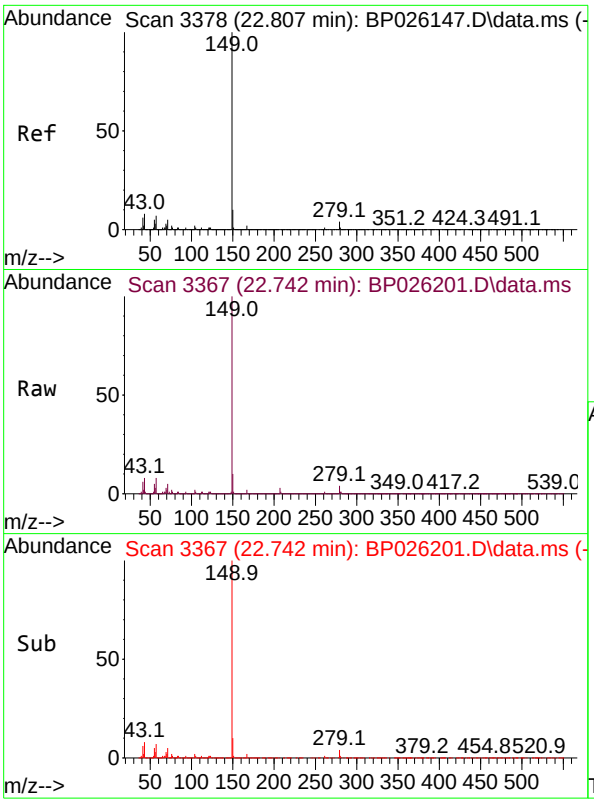




#84
Bis(2-ethylhexyl)phthalate
Concen: 49.085 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.041 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 2469683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.9 | 22.1 | 33.1 |
| 279 | 4.1 | 3.3 | 4.9 |



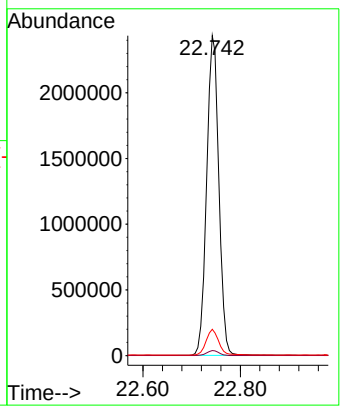


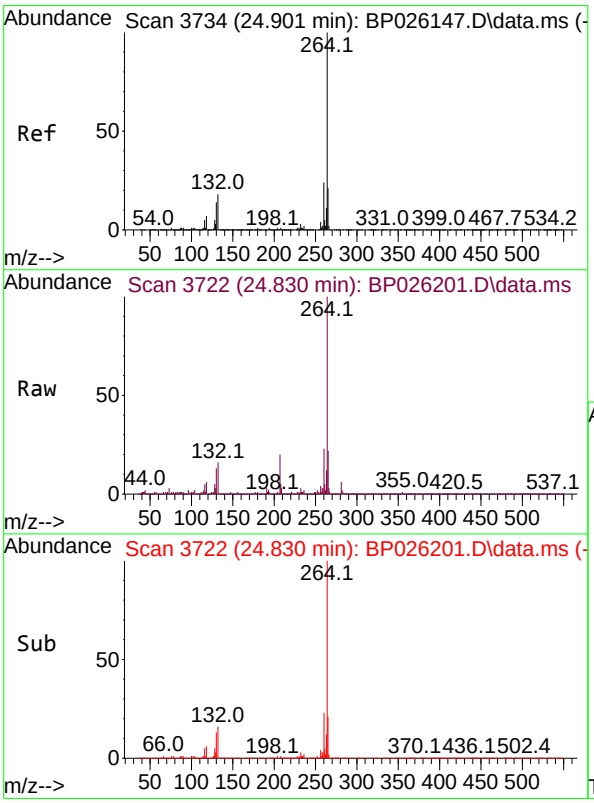

#85
Di-n-octyl phthalate
Concen: 48.125 ng
RT: 22.742 min Scan# 3
Delta R.T. -0.064 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:149 Resp: 4234005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.3 | 6.6 | 10.0 |

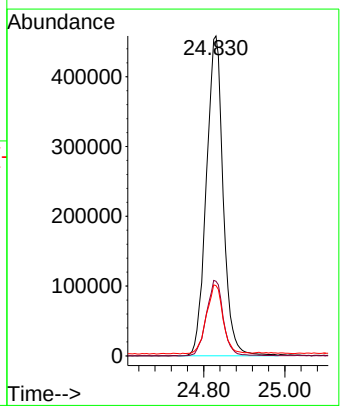


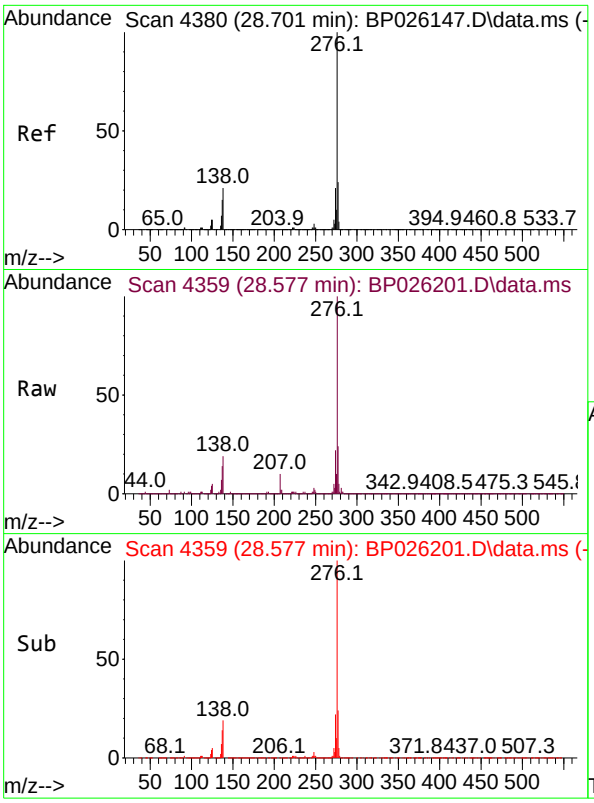




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:264 Resp: 1323407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.7 | 28.1 |
| 265 | 22.0 | 17.5 | 26.3 |



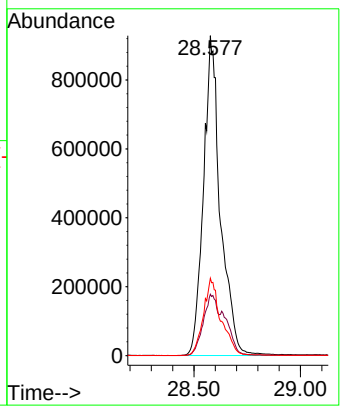


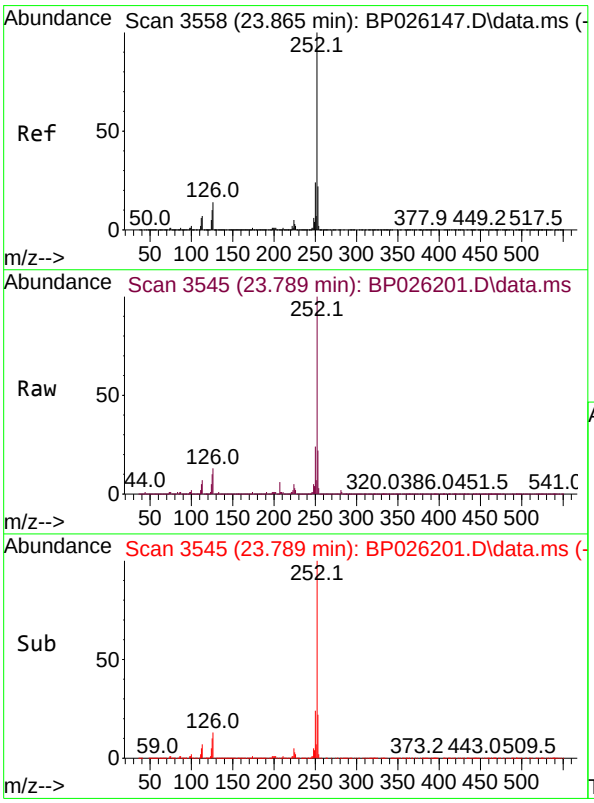

#87
Indeno(1,2,3-cd)pyrene
Concen: 51.628 ng
RT: 28.577 min Scan# 4
Delta R.T. -0.129 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:276 Resp: 5124135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.0 | 13.8 | 20.8 |
| 277 | 25.0 | 16.7 | 25.1 |

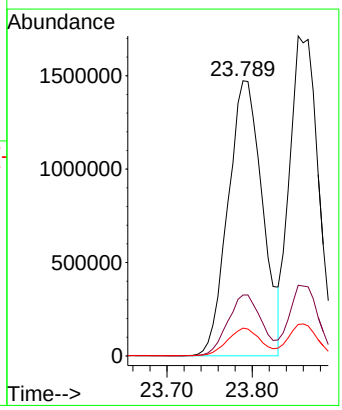


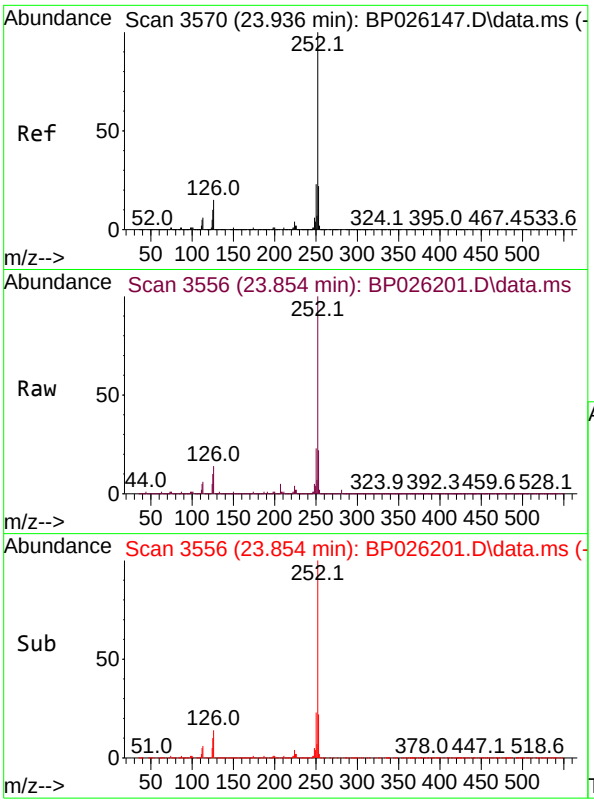




#88
Benzo(b)fluoranthene
Concen: 51.393 ng
RT: 23.789 min Scan# 3545
Delta R.T. -0.076 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:252 Resp: 4141922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.1 | 8.2 | 12.4 |



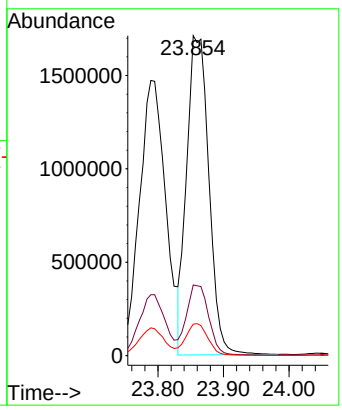


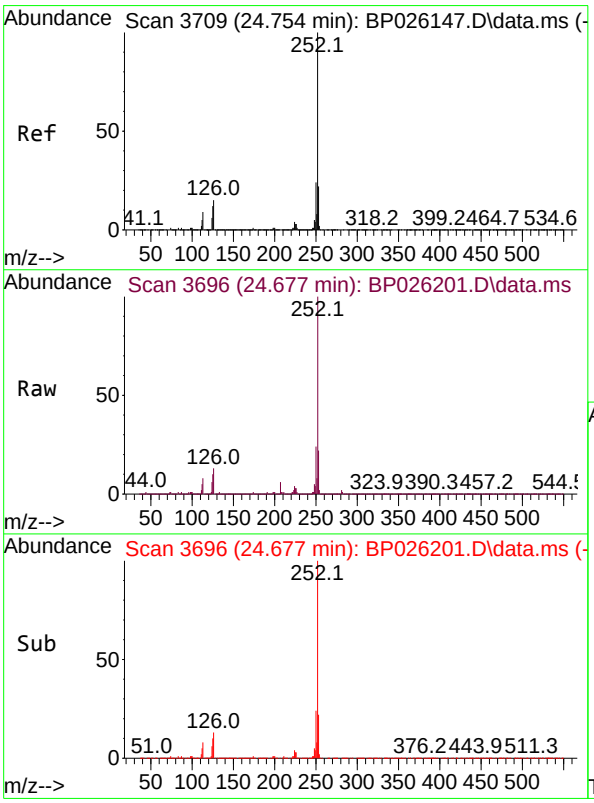

#89
Benzo(k)fluoranthene
Concen: 50.019 ng
RT: 23.854 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:252 Resp: 4026385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 9.8 | 7.5 | 11.3 |

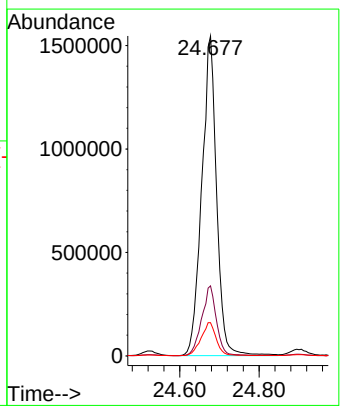


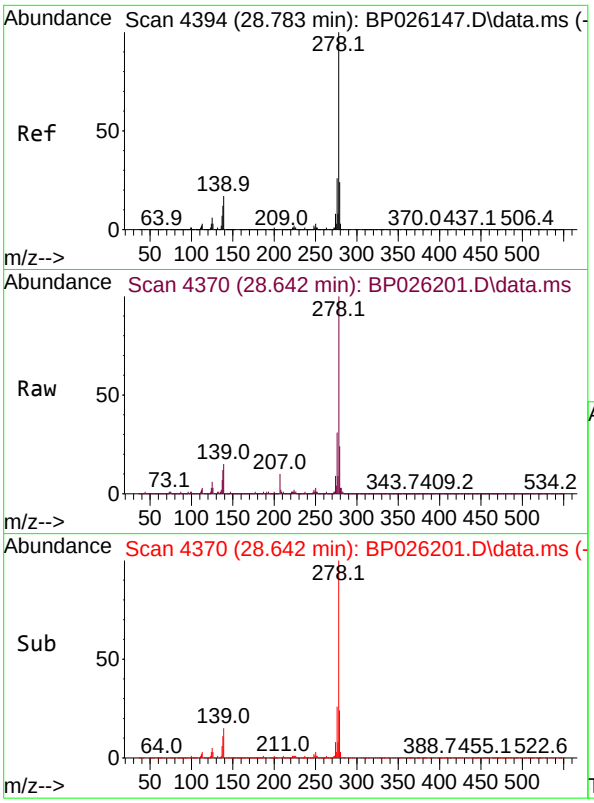




#90
Benzo(a)pyrene
Concen: 52.575 ng
RT: 24.677 min Scan# 3696
Delta R.T. -0.076 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:252 Resp: 4013559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.4 | 26.2 |
| 125 | 10.4 | 9.0 | 13.6 |



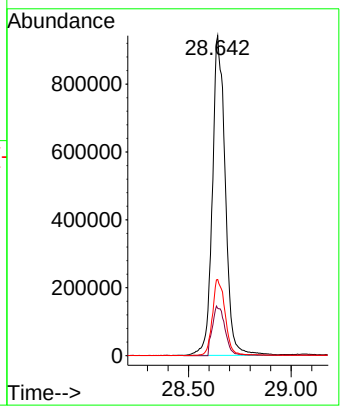


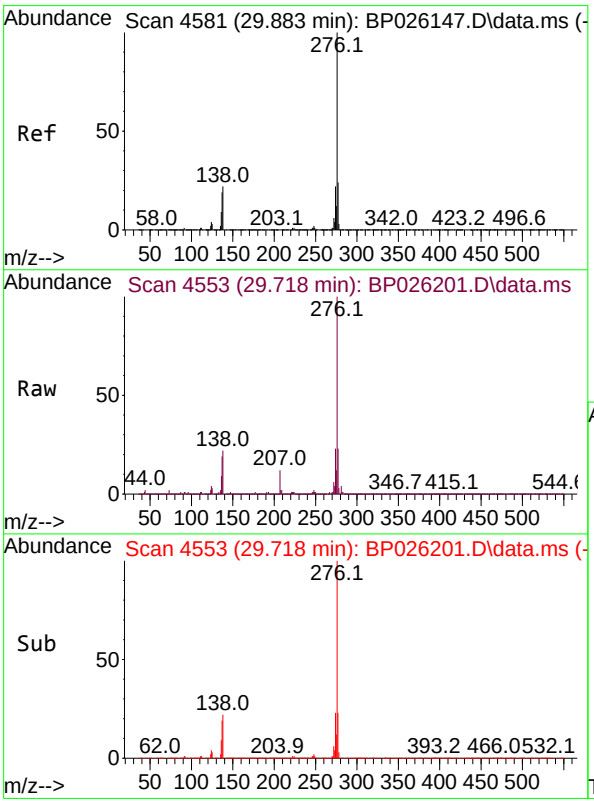

#91
Dibenzo(a,h)anthracene
Concen: 50.760 ng
RT: 28.642 min Scan# 4
Delta R.T. -0.153 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMS

Tgt Ion:278 Resp: 4124078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.8 | 13.2 | 19.8 |
| 279 | 23.8 | 19.2 | 28.8 |

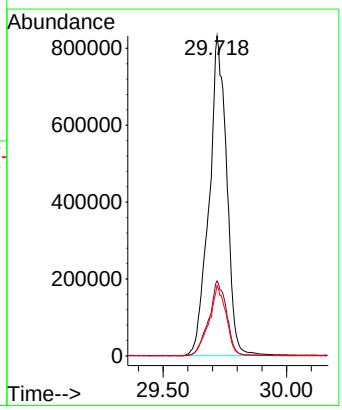



#92
Benzo(g,h,i)perylene
Concen: 50.992 ng
RT: 29.718 min Scan# 4553
Delta R.T. -0.164 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:276 Resp: 4117869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 18.8 | 28.2 |
| 138 | 22.0 | 17.8 | 26.6 |



Raw Data: **BP026202.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick | Date Collected: | 11/24/25 |
| Project: | Saddler Property | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15BMSD | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10MSD | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.05 g Final Vol: 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 Prep Date: 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 1200 | | 1 | 170 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 108-95-2 | Phenol | 1700 | | 1 | 24.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1700 | | 1 | 27.1 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 95-57-8 | 2-Chlorophenol | 1700 | | 1 | 27.2 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 95-48-7 | 2-Methylphenol | 1700 | | 1 | 33.4 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1700 | | 1 | 41.9 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 98-86-2 | Acetophenone | 1800 | | 1 | 32.9 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 65794-96-9 | 3+4-Methylphenols | 1600 | | 1 | 45.9 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1600 | | 1 | 52.9 | 89.3 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 67-72-1 | Hexachloroethane | 1800 | | 1 | 19.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 98-95-3 | Nitrobenzene | 1800 | | 1 | 20.4 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 78-59-1 | Isophorone | 1700 | | 1 | 36.6 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 88-75-5 | 2-Nitrophenol | 1800 | | 1 | 65.0 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 105-67-9 | 2,4-Dimethylphenol | 1700 | | 1 | 72.4 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1700 | | 1 | 34.4 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 120-83-2 | 2,4-Dichlorophenol | 1800 | | 1 | 31.6 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 91-20-3 | Naphthalene | 1700 | | 1 | 25.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 106-47-8 | 4-Chloroaniline | 790 | | 1 | 39.5 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 87-68-3 | Hexachlorobutadiene | 1900 | | 1 | 28.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 105-60-2 | Caprolactam | 1500 | | 1 | 58.2 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 59-50-7 | 4-Chloro-3-methylphenol | 1600 | | 1 | 32.0 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 91-57-6 | 2-Methylnaphthalene | 1500 | | 1 | 28.6 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 77-47-4 | Hexachlorocyclopentadiene | 3800 | E | 1 | 130 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1900 | | 1 | 22.1 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1800 | | 1 | 32.5 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 92-52-4 | 1,1-Biphenyl | 1900 | | 1 | 24.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 91-58-7 | 2-Chloronaphthalene | 1800 | | 1 | 25.1 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 88-74-4 | 2-Nitroaniline | 1800 | | 1 | 53.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 131-11-3 | Dimethylphthalate | 1700 | | 1 | 30.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 208-96-8 | Acenaphthylene | 1800 | | 1 | 32.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 606-20-2 | 2,6-Dinitrotoluene | 1900 | | 1 | 37.5 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 99-09-2 | 3-Nitroaniline | 1000 | | 1 | 51.4 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 83-32-9 | Acenaphthene | 1800 | | 1 | 23.8 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 51-28-5 | 2,4-Dinitrophenol | 3600 | E | 1 | 260 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 100-02-7 | 4-Nitrophenol | 3200 | E | 1 | 120 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 132-64-9 | Dibenzofuran | 1800 | | 1 | 25.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 121-14-2 | 2,4-Dinitrotoluene | 1700 | | 1 | 55.9 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 84-66-2 | Diethylphthalate | 1800 | | 1 | 31.6 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1800 | | 1 | 29.8 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 86-73-7 | Fluorene | 1800 | | 1 | 28.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 100-01-6 | 4-Nitroaniline | 1400 | | 1 | 71.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1800 | | 1 | 120 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |

Raw Data: **BP026202.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15BMSD | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10MSD | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.05 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 1900 | | 1 | 36.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 101-55-3 | 4-Bromophenyl-phenylether | 1900 | | 1 | 31.0 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 118-74-1 | Hexachlorobenzene | 1900 | | 1 | 28.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 1912-24-9 | Atrazine | 1800 | | 1 | 38.0 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 87-86-5 | Pentachlorophenol | 3700 | E | 1 | 57.3 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 85-01-8 | Phenanthrene | 1900 | | 1 | 23.3 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 120-12-7 | Anthracene | 1800 | | 1 | 37.2 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 86-74-8 | Carbazole | 1800 | | 1 | 34.8 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 84-74-2 | Di-n-butylphthalate | 1900 | | 1 | 53.5 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 206-44-0 | Fluoranthene | 1900 | | 1 | 33.5 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 129-00-0 | Pyrene | 1800 | | 1 | 40.2 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 85-68-7 | Butylbenzylphthalate | 1800 | | 1 | 79.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 91-94-1 | 3,3-Dichlorobenzidine | 1300 | | 1 | 41.0 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 56-55-3 | Benzo(a)anthracene | 1900 | | 1 | 25.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 218-01-9 | Chrysene | 1900 | | 1 | 22.2 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1800 | | 1 | 66.1 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 117-84-0 | Di-n-octyl phthalate | 1800 | | 1 | 96.9 | 370 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 205-99-2 | Benzo(b)fluoranthene | 1900 | | 1 | 21.2 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 207-08-9 | Benzo(k)fluoranthene | 1900 | | 1 | 25.0 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 50-32-8 | Benzo(a)pyrene | 1900 | | 1 | 32.9 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1900 | | 1 | 32.5 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1900 | | 1 | 30.6 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 191-24-2 | Benzo(g,h,i)perylene | 1900 | | 1 | 28.7 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 2000 | | 1 | 28.6 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 123-91-1 | 1,4-Dioxane | 1600 | | 1 | 50.5 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1800 | | 1 | 30.6 | 190 | ug/Kg | 12/01/25 18:40 | PB170735 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 62.3 | | | 10 - 105 | 42% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 60.3 | | | 10 - 103 | 40% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 42.9 | | | 10 - 108 | 43% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 43.2 | | | 10 - 108 | 43% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 60.3 | | | 10 - 116 | 40% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 40.4 | | | 10 - 109 | 40% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 223000 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 846000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 491000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 903000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 1040000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 1290000 | | | | | | | |

Raw Data: **BP026202.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick | | | Date Collected: | 11/24/25 |
| Project: | Saddler Property | | | Date Received: | 11/25/25 |
| Client Sample ID: | SB-1125-15BMSD | | | SDG No.: | Q3719 |
| Lab Sample ID: | Q3719-10MSD | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 89.4 |
| Sample Wt/Vol: | 30.05 g | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | SW3541 | Prep Date: | 11/25/25 | | |

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026202.D
Acq On : 01 Dec 2025 18:40
Operator : RC/JU
Sample : Q3719-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Quant Time: Dec 02 00:29:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.637 | 152 | 222842 | 20.000 | ng | -0.04 |
| 21) Naphthalene-d8 | 10.401 | 136 | 845732 | 20.000 | ng | -0.05 |
| 39) Acenaphthene-d10 | 14.277 | 164 | 491065 | 20.000 | ng | -0.05 |
| 64) Phenanthrene-d10 | 17.101 | 188 | 902556 | 20.000 | ng | -0.03 |
| 76) Chrysene-d12 | 21.536 | 240 | 1043295 | 20.000 | ng | -0.04 |
| 86) Perylene-d12 | 24.824 | 264 | 1293508 | 20.000 | ng | -0.08 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.260 | 112 | 865199 | 62.319 | ng | -0.03 |
| 7) Phenol-d6 | 6.813 | 99 | 1065324 | 60.274 | ng | -0.04 |
| 23) Nitrobenzene-d5 | 8.766 | 82 | 638500 | 42.884 | ng | -0.05 |
| 42) 2,4,6-Tribromophenol | 15.813 | 330 | 384407 | 60.344 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 12.878 | 172 | 1447177 | 43.191 | ng | -0.05 |
| 79) Terphenyl-d14 | 19.836 | 244 | 2066748 | 40.393 | ng | -0.04 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.202 | 88 | 248683 | 44.162 | ng | 98 |
| 3) Pyridine | 3.590 | 79 | 643036 | 39.513 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.502 | 42 | 294846 | 48.477 | ng | 91 |
| 6) Aniline | 6.966 | 93 | 557973 | 23.910 | ng | 99 |
| 8) 2-Chlorophenol | 7.207 | 128 | 740022 | 46.828 | ng | 99 |
| 9) Benzaldehyde | 6.784 | 77 | 295547 | 31.908 | ng | 98 |
| 10) Phenol | 6.837 | 94 | 856649 | 44.991 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.060 | 93 | 669977 | 44.940 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.525 | 146 | 832806 | 48.915 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.672 | 146 | 836181 | 48.740 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.978 | 146 | 805475 | 48.894 | ng | 99 |
| 15) Benzyl Alcohol | 7.866 | 79 | 577420 | 44.593 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.154 | 45 | 950350 | 45.390 | ng | 100 |
| 17) 2-Methylphenol | 8.072 | 107 | 582882 | 44.970 | ng | 99 |
| 18) Hexachloroethane | 8.701 | 117 | 299224 | 47.936 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.425 | 70 | 472913 | 43.069 | ng | 97 |
| 20) 3+4-Methylphenols | 8.395 | 107 | 774081 | 43.098 | ng | 98 |
| 22) Acetophenone | 8.442 | 105 | 1031555 | 47.987 | ng | 99 |
| 24) Nitrobenzene | 8.813 | 77 | 720827 | 47.861 | ng | 100 |
| 25) Isophorone | 9.342 | 82 | 1314608 | 44.537 | ng | 100 |
| 26) 2-Nitrophenol | 9.519 | 139 | 367801 | 48.262 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.589 | 122 | 630433 | 45.876 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.813 | 93 | 848124 | 45.879 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.054 | 162 | 651652 | 47.445 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.272 | 180 | 730642 | 52.240 | ng | 99 |
| 31) Naphthalene | 10.448 | 128 | 2147731 | 46.989 | ng | 99 |
| 32) Benzoic acid | 9.707 | 122 | 448609 | 38.765 | ng | 99 |
| 33) 4-Chloroaniline | 10.554 | 127 | 411341 | 21.162 | ng | 99 |
| 34) Hexachlorobutadiene | 10.742 | 225 | 466143 | 51.245 | ng | 99 |
| 35) Caprolactam | 11.336 | 113 | 193449 | 39.334 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.695 | 107 | 640441 | 43.871 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.072 | 142 | 1341389 | 41.396 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.295 | 142 | 1399643 | 44.192 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.448 | 216 | 783446 | 52.763 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.436 | 237 | 1001313 | 103.039 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.695 | 196 | 507742 | 49.878 | ng | 98 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026202.D
Acq On : 01 Dec 2025 18:40
Operator : RC/JU
Sample : Q3719-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Quant Time: Dec 02 00:29:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

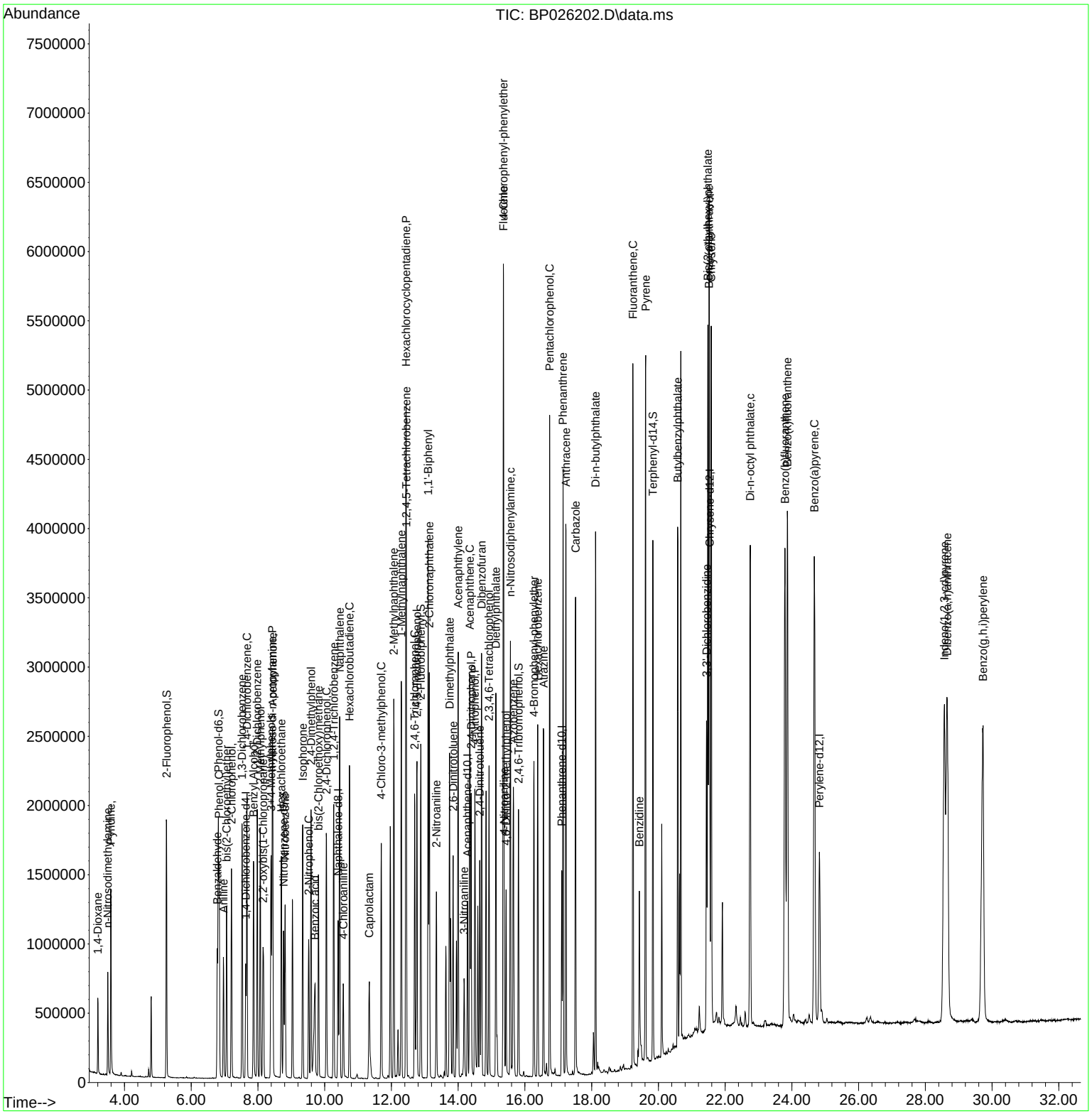
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.766 | 196 | 556341 | 48.961 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.101 | 154 | 1845916 | 49.921 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.136 | 162 | 1437914 | 49.452 | ng | 100 |
| 48) 2-Nitroaniline | 13.348 | 65 | 380188 | 47.019 | ng | 95 |
| 49) Acenaphthylene | 14.001 | 152 | 2372463 | 49.466 | ng | 100 |
| 50) Dimethylphthalate | 13.742 | 163 | 1716045 | 46.788 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.848 | 165 | 364844 | 50.202 | ng | 100 |
| 52) Acenaphthene | 14.348 | 154 | 1339975 | 47.674 | ng | 98 |
| 53) 3-Nitroaniline | 14.177 | 138 | 231908 | 27.102 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.389 | 184 | 425617 | 97.018 | ng | 92 |
| 55) Dibenzofuran | 14.701 | 168 | 2067244 | 47.486 | ng | 99 |
| 56) 4-Nitrophenol | 14.501 | 139 | 660774 | 85.360 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.648 | 165 | 505295 | 46.565 | ng | 99 |
| 58) Fluorene | 15.360 | 166 | 1646773 | 47.858 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.924 | 232 | 468980 | 48.650 | ng | 100 |
| 60) Diethylphthalate | 15.130 | 149 | 1801490 | 48.758 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.354 | 204 | 826679 | 48.285 | ng | 99 |
| 62) 4-Nitroaniline | 15.377 | 138 | 331015 | 37.253 | ng | 97 |
| 63) Azobenzene | 15.654 | 77 | 1557769 | 50.003 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 283125 | 49.378 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.566 | 169 | 1430410 | 51.233 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.271 | 248 | 519059 | 51.929 | ng | 99 |
| 68) Hexachlorobenzene | 16.383 | 284 | 593459 | 51.166 | ng | 99 |
| 69) Atrazine | 16.560 | 200 | 514429 | 48.862 | ng | 98 |
| 70) Pentachlorophenol | 16.742 | 266 | 800085 | 98.613 | ng | 99 |
| 71) Phenanthrene | 17.142 | 178 | 2557324 | 50.298 | ng | 100 |
| 72) Anthracene | 17.230 | 178 | 2523464 | 48.662 | ng | 100 |
| 73) Carbazole | 17.518 | 167 | 2354571 | 47.805 | ng | 99 |
| 74) Di-n-butylphthalate | 18.118 | 149 | 2911527 | 49.862 | ng | 99 |
| 75) Fluoranthene | 19.236 | 202 | 3160121 | 51.156 | ng | 99 |
| 77) Benzidine | 19.430 | 184 | 1010085 | 30.507 | ng | 99 |
| 78) Pyrene | 19.618 | 202 | 3319084 | 48.520 | ng | 100 |
| 80) Butylbenzylphthalate | 20.577 | 149 | 1442210 | 47.873 | ng | 99 |
| 81) Benzo(a)anthracene | 21.518 | 228 | 3581129 | 49.979 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.442 | 252 | 884166 | 33.933 | ng | 99 |
| 83) Chrysene | 21.583 | 228 | 3394993 | 50.276 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.483 | 149 | 2166021 | 47.497 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.753 | 149 | 3908126 | 49.010 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.571 | 276 | 5079022 | 52.356 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.795 | 252 | 3994681 | 50.711 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.865 | 252 | 3938879 | 50.063 | ng | 99 |
| 90) Benzo(a)pyrene | 24.671 | 252 | 3903195 | 52.311 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.653 | 278 | 4106013 | 51.705 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.730 | 276 | 4101991 | 51.970 | ng | 99 |

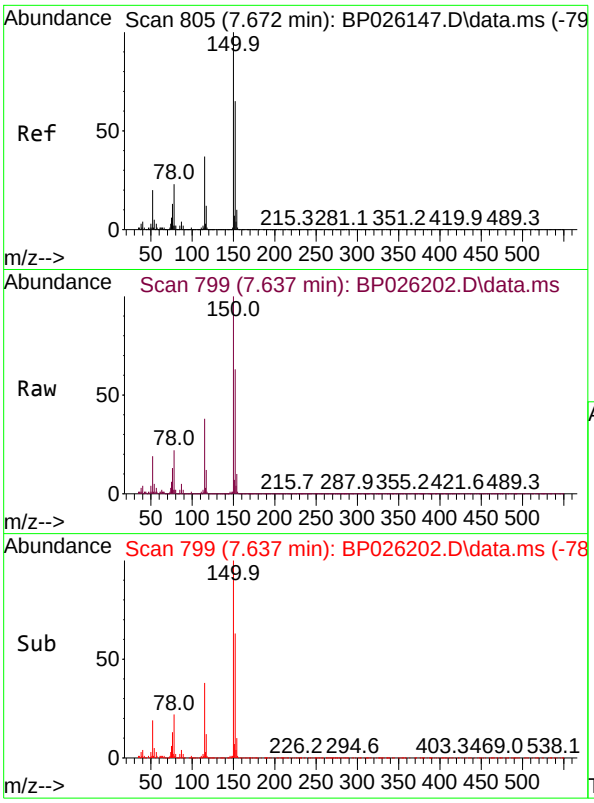
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026202.D
Acq On : 01 Dec 2025 18:40
Operator : RC/JU
Sample : Q3719-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Quant Time: Dec 02 00:29:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



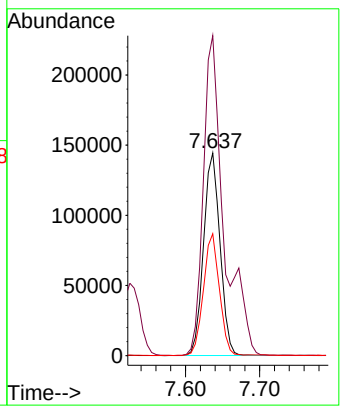


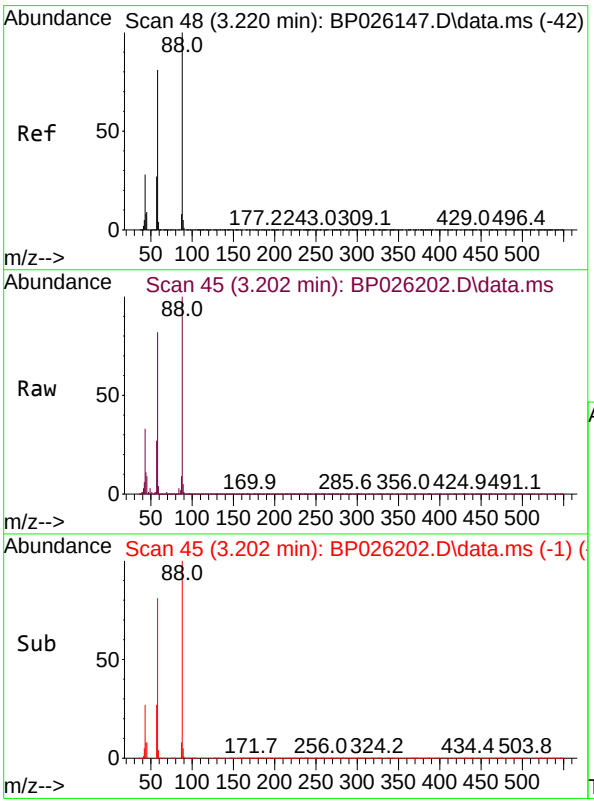

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 79
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:152 Resp: 222842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 123.0 | 184.6 |
| 115 | 60.1 | 46.3 | 69.5 |

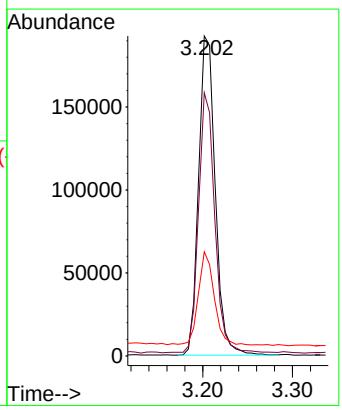


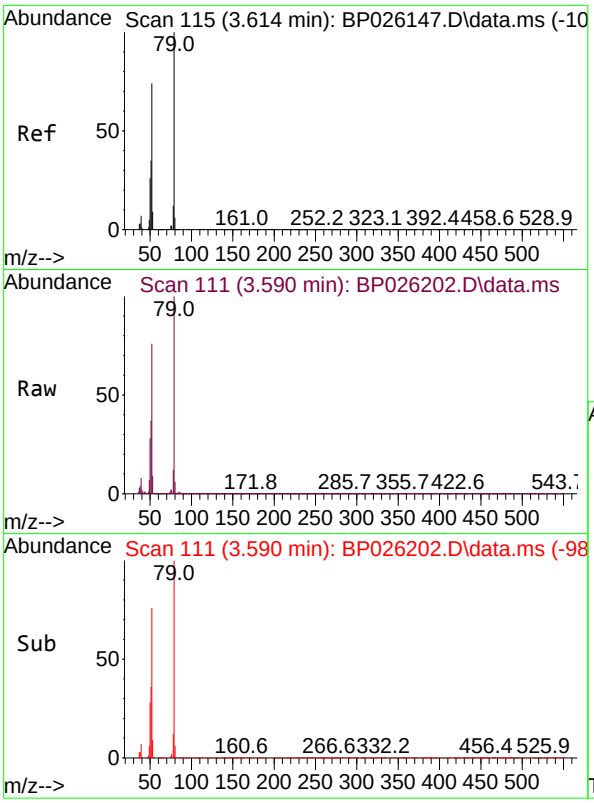




#2
1,4-Dioxane
Concen: 44.162 ng
RT: 3.202 min Scan# 45
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 88 Resp: 248683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.9 | 64.2 | 96.4 |
| 43 | 27.7 | 21.5 | 32.3 |



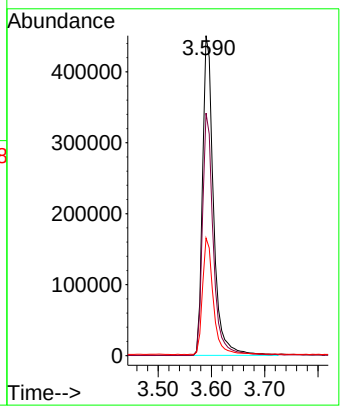


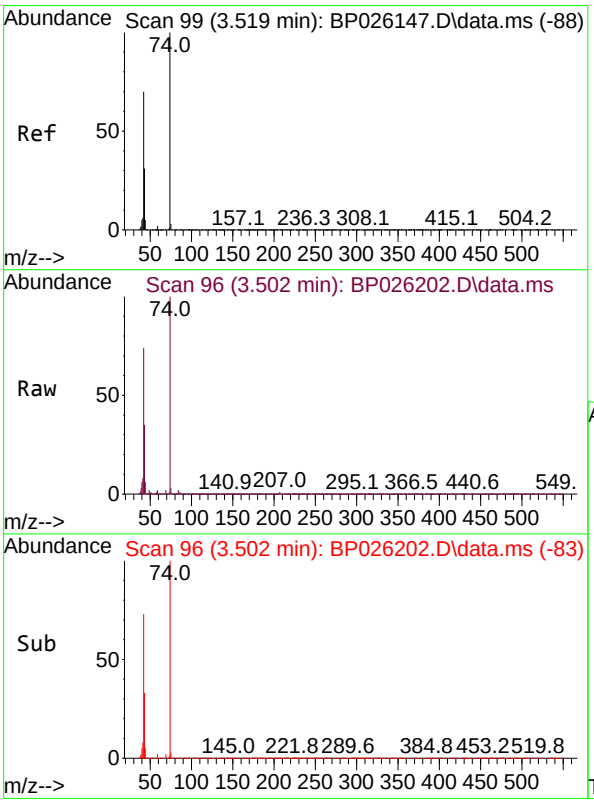

#3
Pyridine
Concen: 39.513 ng
RT: 3.590 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 79 Resp: 643036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 75.8 | 60.2 | 90.2 |
| 51 | 36.7 | 29.5 | 44.3 |

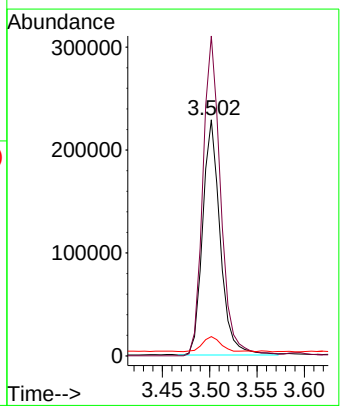


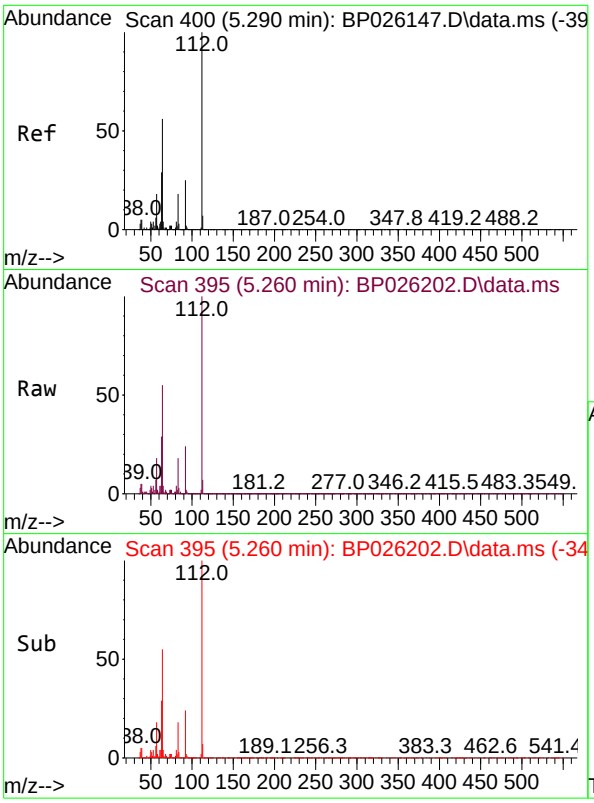




#4
n-Nitrosodimethylamine
Concen: 48.477 ng
RT: 3.502 min Scan# 96
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 42 Resp: 294846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 135.6 | 118.1 | 177.1 |
| 44 | 8.2 | 6.2 | 9.4 |



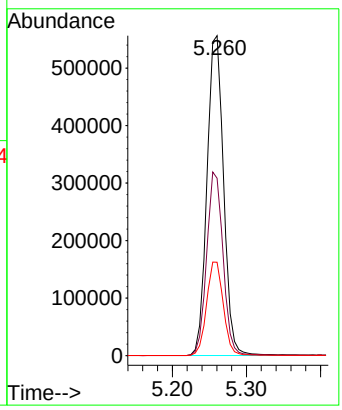


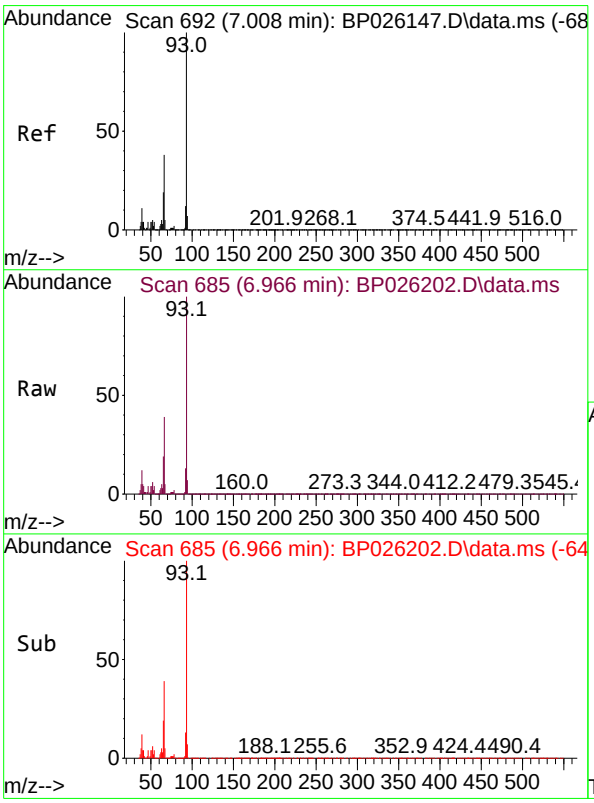

#5
2-Fluorophenol
Concen: 62.319 ng
RT: 5.260 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:112 Resp: 865199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.4 | 45.8 | 68.6 |
| 63 | 29.2 | 23.5 | 35.3 |

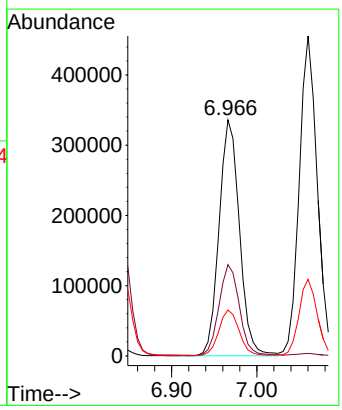


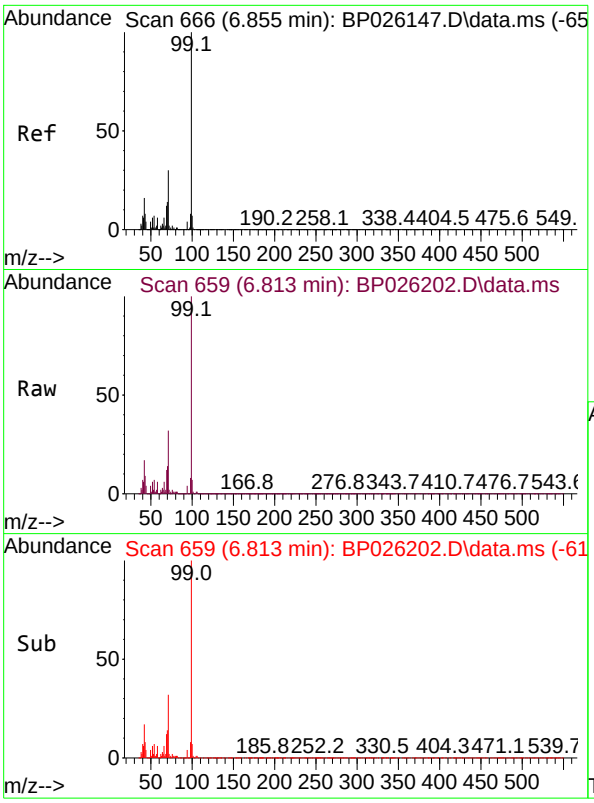




#6
Aniline
Concen: 23.910 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 93 Resp: 557973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.7 | 31.7 | 47.5 |
| 65 | 19.4 | 15.8 | 23.6 |



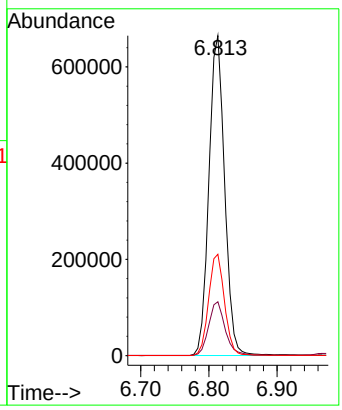


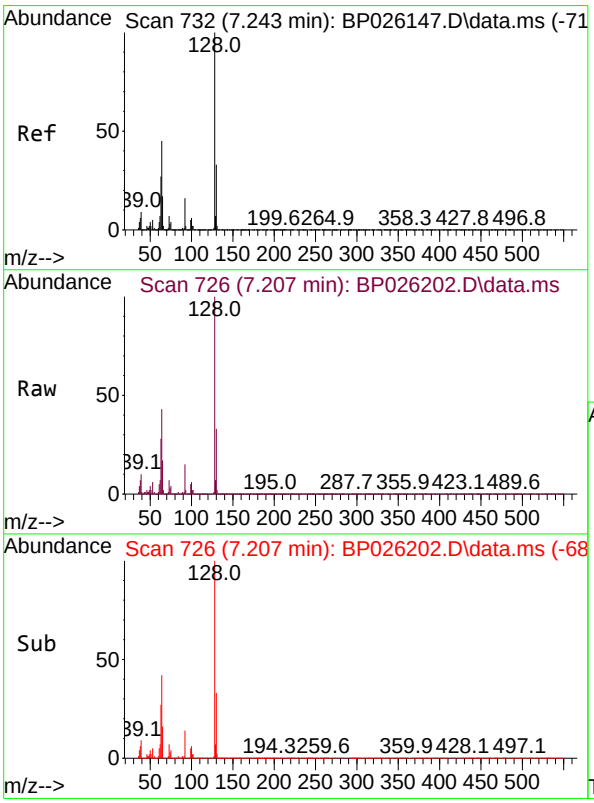

#7
Phenol-d6
Concen: 60.274 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 99 Resp: 1065324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.8 | 12.9 | 19.3 |
| 71 | 31.7 | 24.8 | 37.2 |

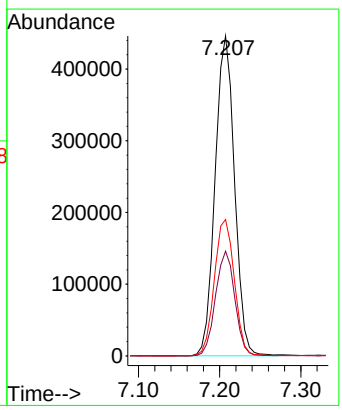


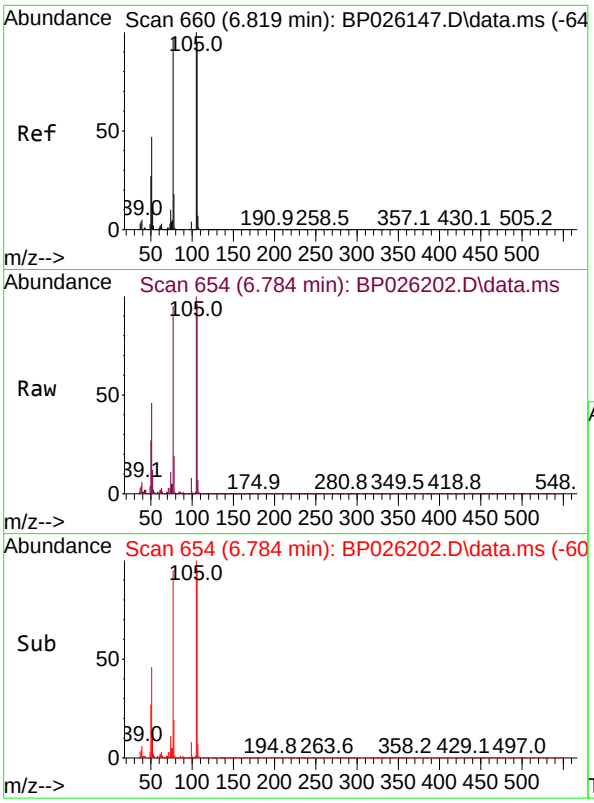




#8
2-Chlorophenol
Concen: 46.828 ng
RT: 7.207 min Scan# 726
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:128 Resp: 740022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 12.4 | 52.4 |
| 64 | 42.6 | 23.9 | 63.9 |



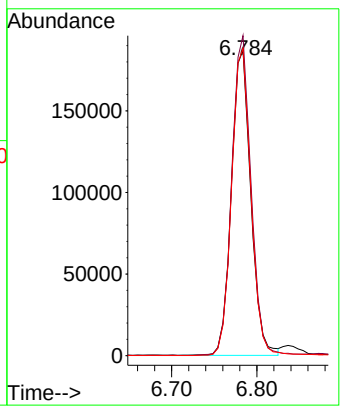


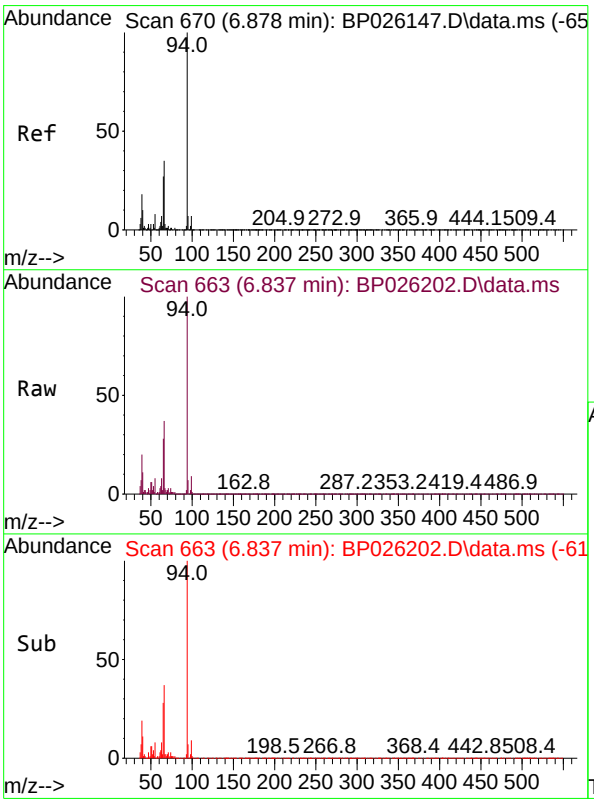

#9
Benzaldehyde
Concen: 31.908 ng
RT: 6.784 min Scan# 6
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 77 Resp: 295547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.8 | 82.9 | 122.9 |
| 106 | 100.6 | 77.8 | 117.8 |

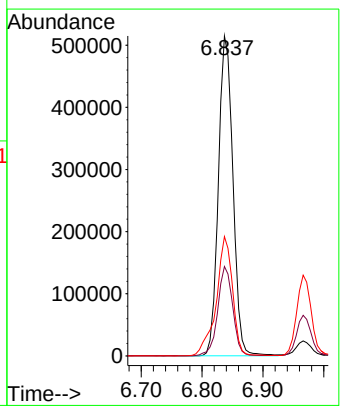


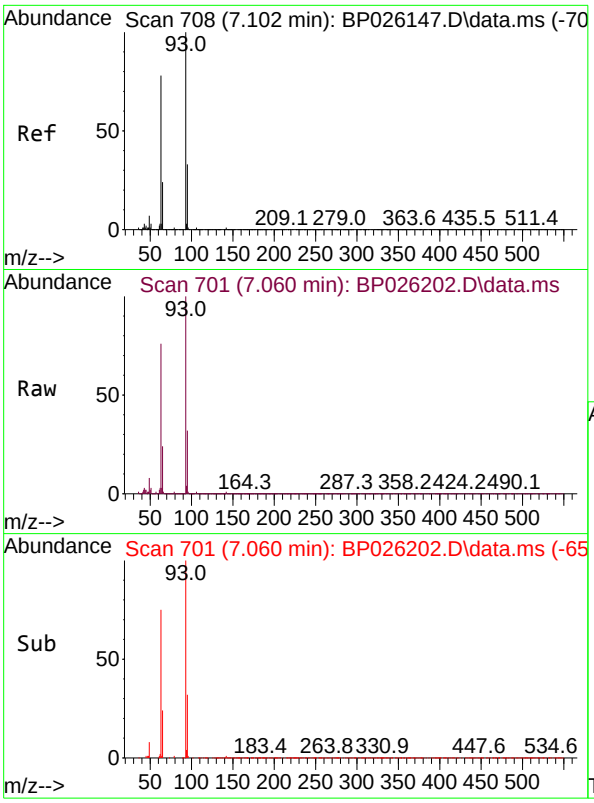




#10
Phenol
Concen: 44.991 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 94 Resp: 856649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.9 | 7.0 | 47.0 |
| 66 | 37.3 | 14.5 | 54.5 |



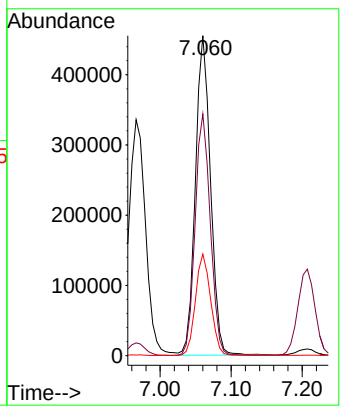


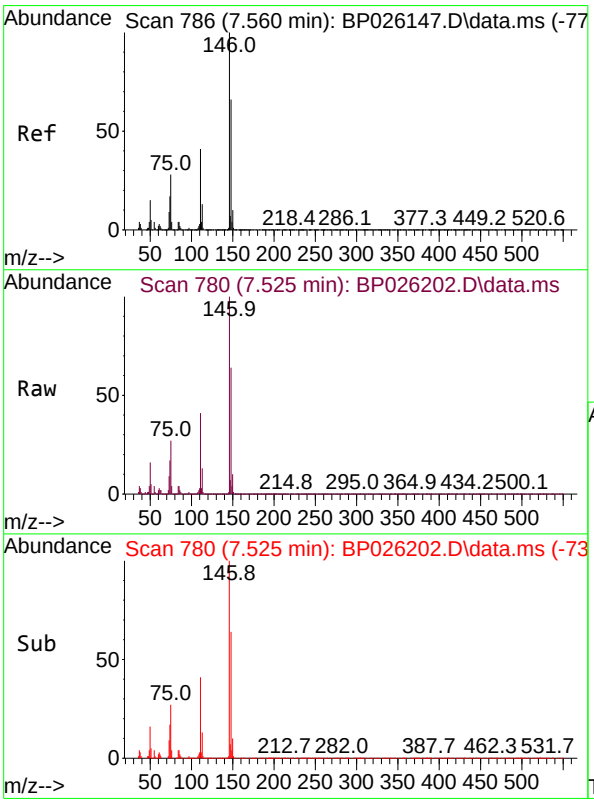

#11
bis(2-Chloroethyl)ether
Concen: 44.940 ng
RT: 7.060 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 93 Resp: 669977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.5 | 58.8 | 98.8 |
| 95 | 31.8 | 12.1 | 52.1 |

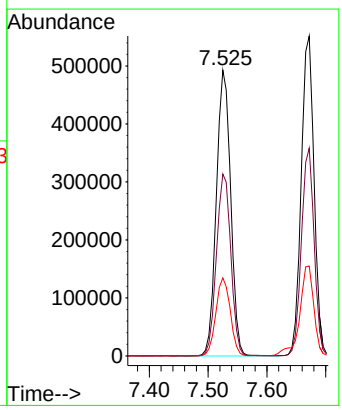


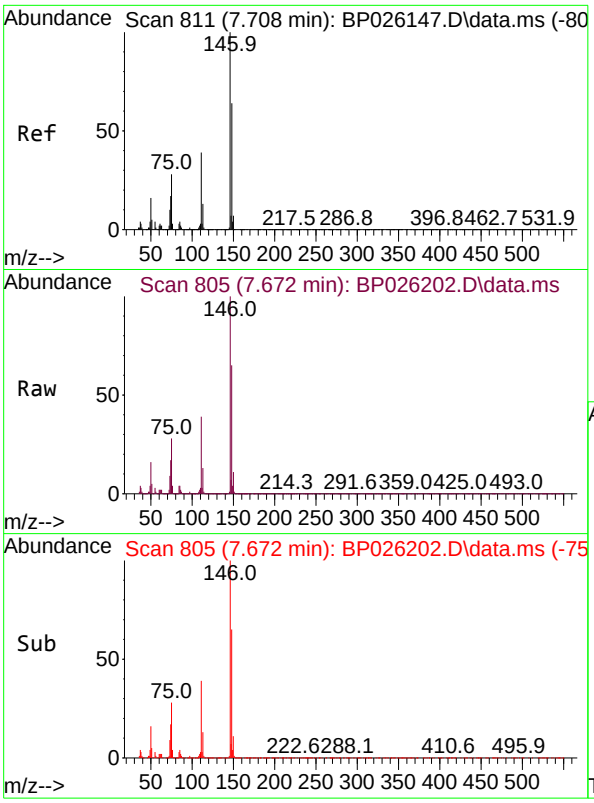




#12
1,3-Dichlorobenzene
Concen: 48.915 ng
RT: 7.525 min Scan# 780
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:146 Resp: 832806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.8 | 77.8 |
| 75 | 27.3 | 22.2 | 33.2 |



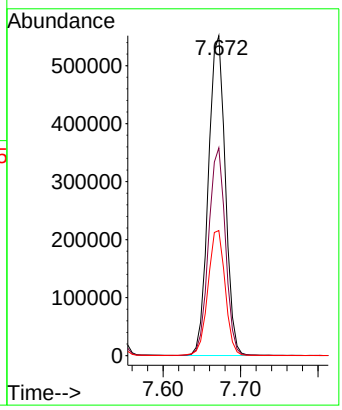


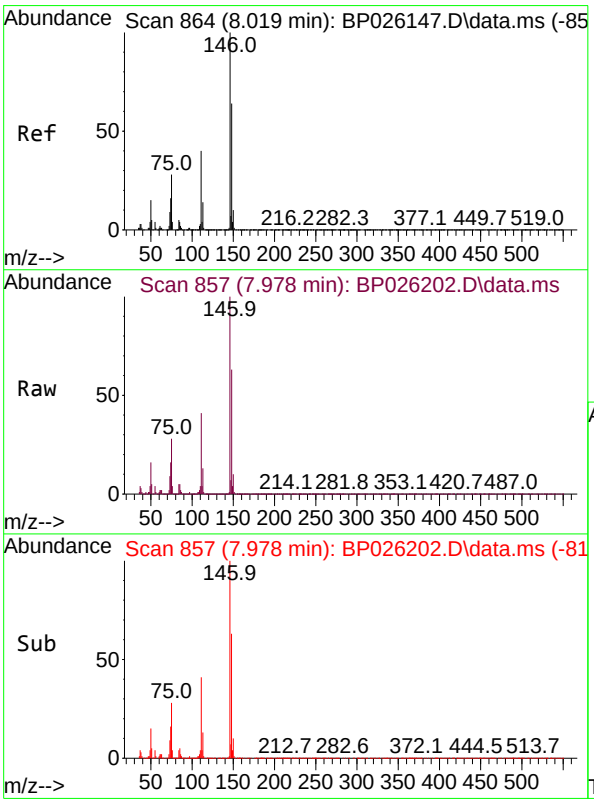

#13
1,4-Dichlorobenzene
Concen: 48.740 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:146 Resp: 836181

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

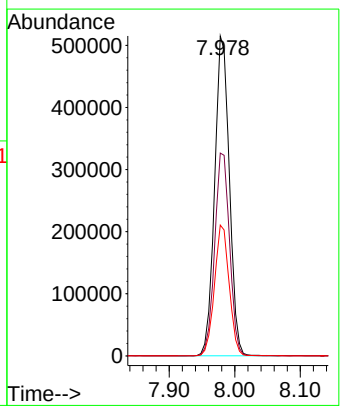


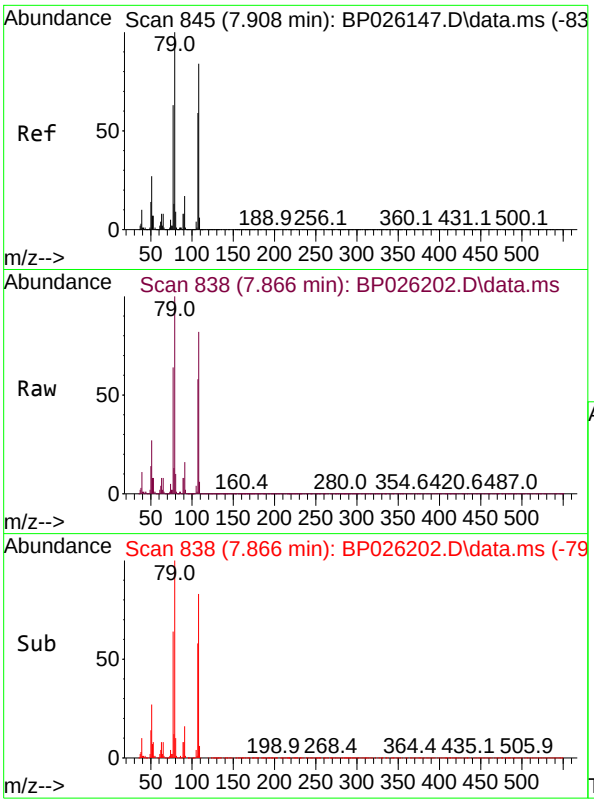




#14
1,2-Dichlorobenzene
Concen: 48.894 ng
RT: 7.978 min Scan# 857
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:146 Resp: 805475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.0 | 76.6 |
| 111 | 40.9 | 33.0 | 49.4 |



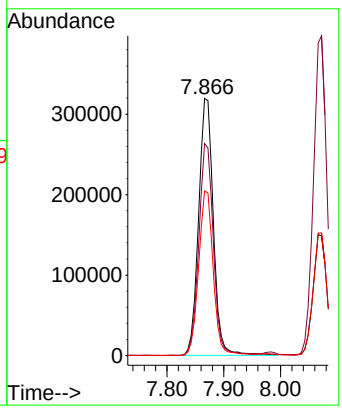


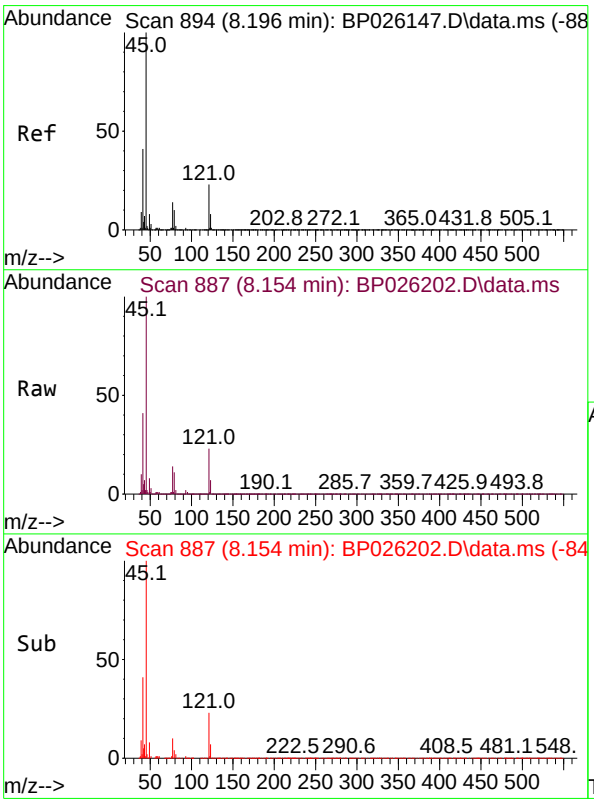

#15
Benzyl Alcohol
Concen: 44.593 ng
RT: 7.866 min Scan# 8
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 79 Resp: 577420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.5 | 66.2 | 99.4 |
| 77 | 64.0 | 50.0 | 75.0 |

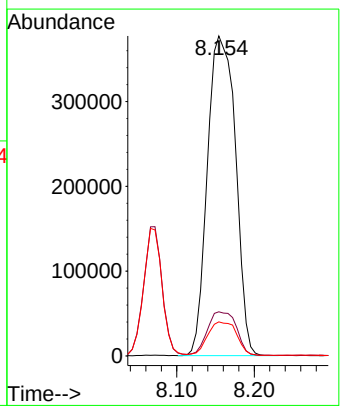


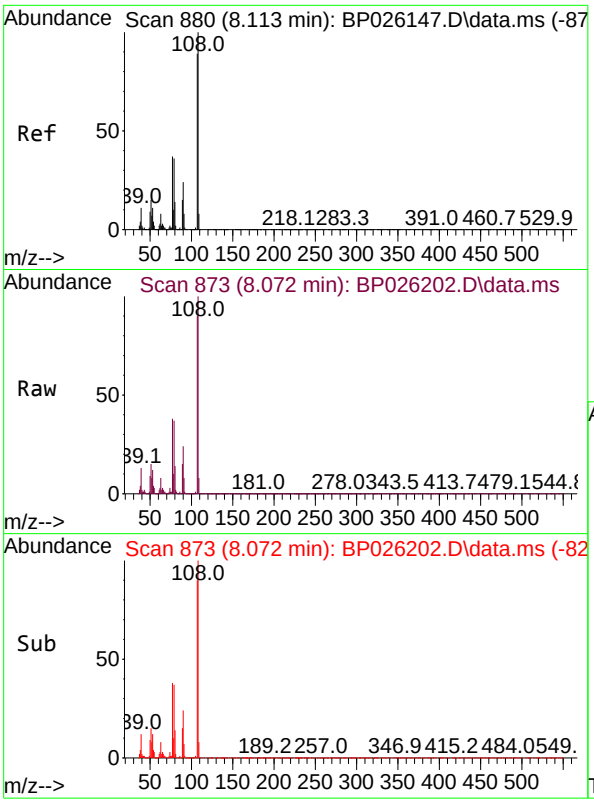




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.390 ng
RT: 8.154 min Scan# 887
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 45 Resp: 950350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.8 | 0.0 | 33.9 |
| 79 | 10.6 | 0.0 | 30.4 |



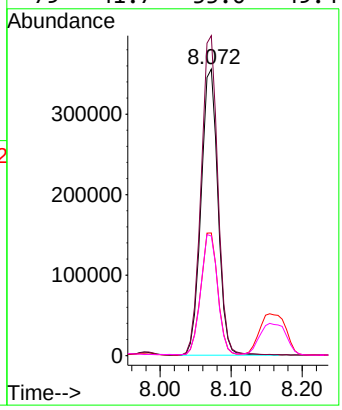


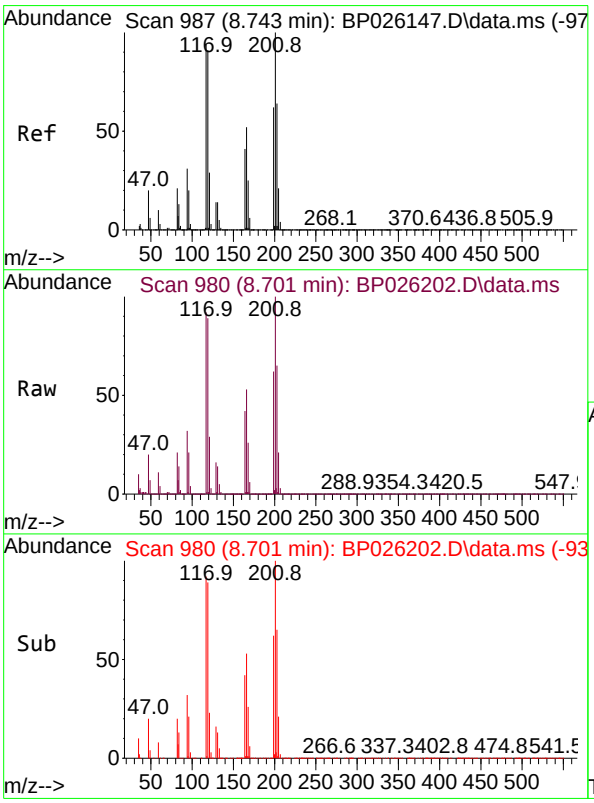

#17
2-Methylphenol
Concen: 44.970 ng
RT: 8.072 min Scan# 8
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:107 Resp: 582882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.7 | 89.7 | 134.5 |
| 77 | 42.8 | 33.9 | 50.9 |
| 79 | 41.7 | 33.0 | 49.4 |

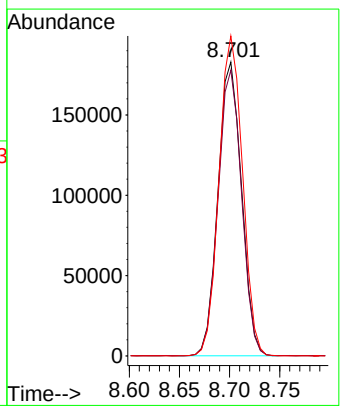


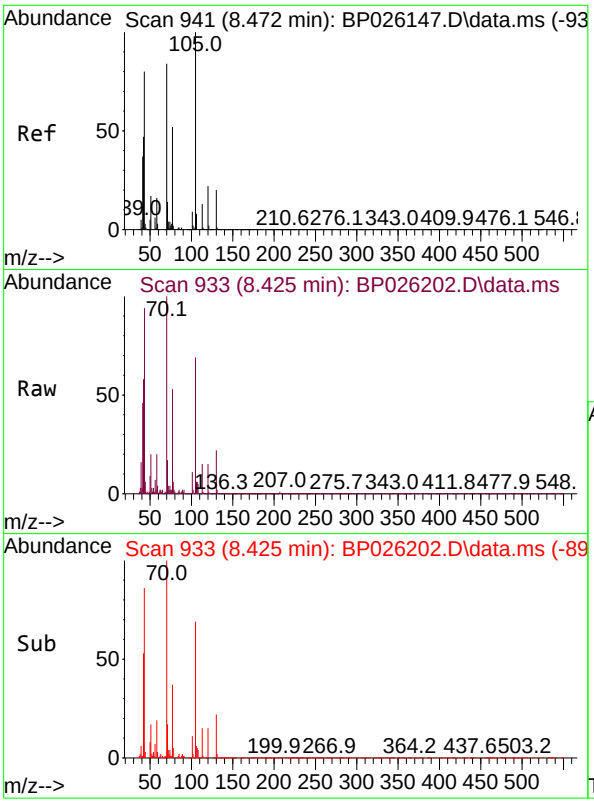




#18
Hexachloroethane
Concen: 47.936 ng
RT: 8.701 min Scan# 980
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:117 Resp: 299224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 78.7 | 118.1 |
| 201 | 108.9 | 85.1 | 127.7 |



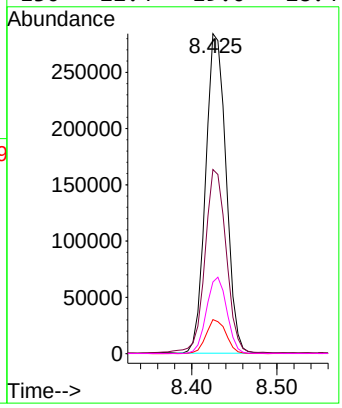


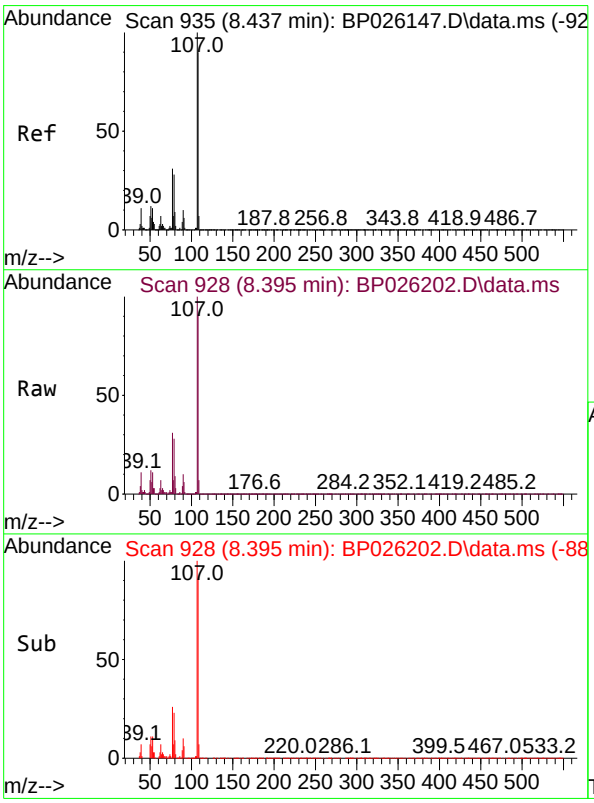

#19
n-Nitroso-di-n-propylamine
Concen: 43.069 ng
RT: 8.425 min Scan# 9
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 70 Resp: 472913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.5 | 44.1 | 66.1 |
| 101 | 10.6 | 8.2 | 12.4 |
| 130 | 22.4 | 19.0 | 28.4 |

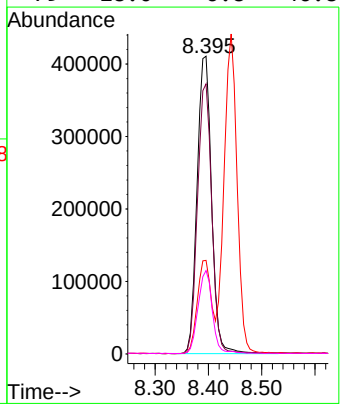


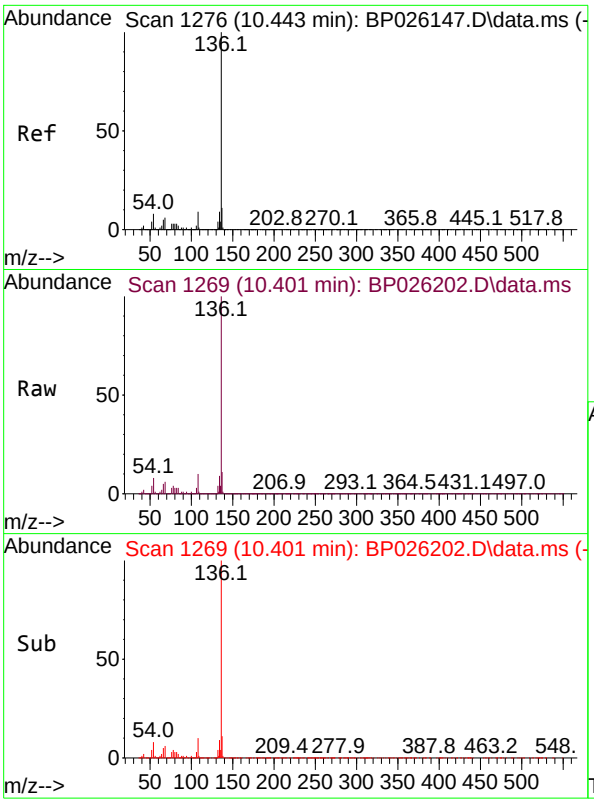




#20
3+4-Methylphenols
Concen: 43.098 ng
RT: 8.395 min Scan# 928
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:107 Resp: 774081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 68.9 | 108.9 |
| 77 | 31.4 | 10.4 | 50.4 |
| 79 | 28.0 | 6.8 | 46.8 |



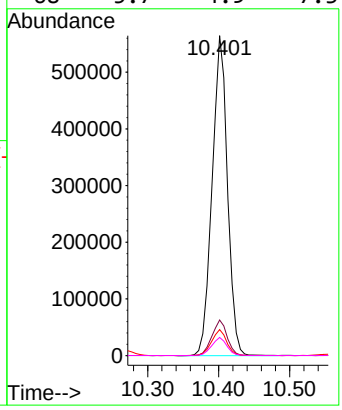


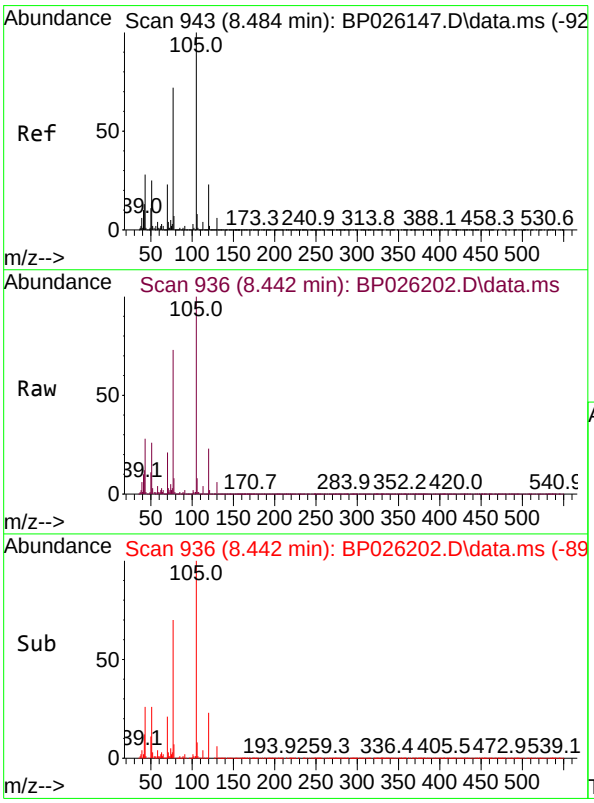

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.401 min Scan# 1
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:136 Resp: 845732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 8.1 | 6.4 | 9.6 |
| 68 | 5.7 | 4.9 | 7.3 |

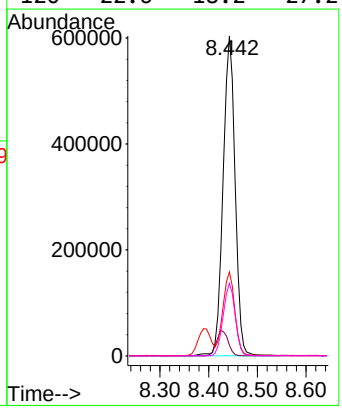


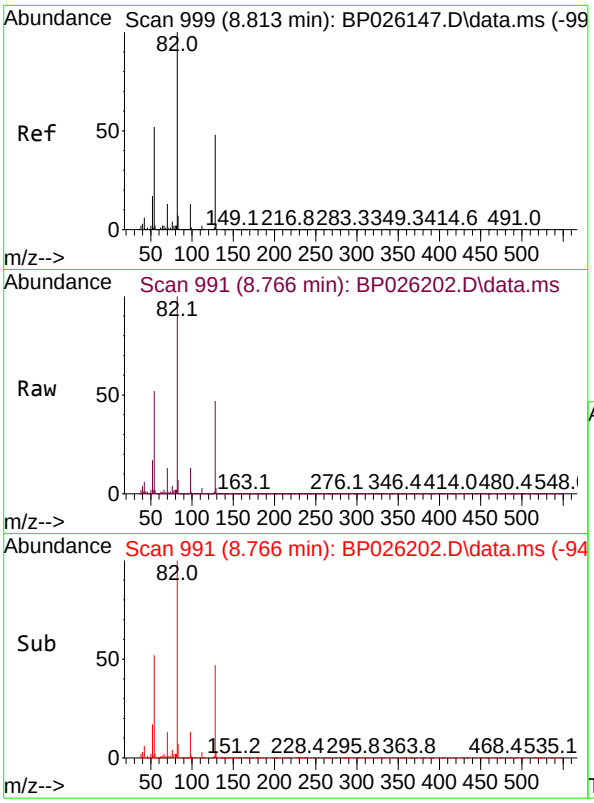




#22
Acetophenone
Concen: 47.987 ng
RT: 8.442 min Scan# 936
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:105 Resp: 1031555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.4 | 3.0 | 4.4 |
| 51 | 26.2 | 20.5 | 30.7 |
| 120 | 22.6 | 18.2 | 27.2 |



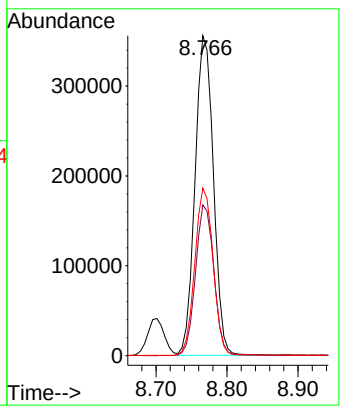


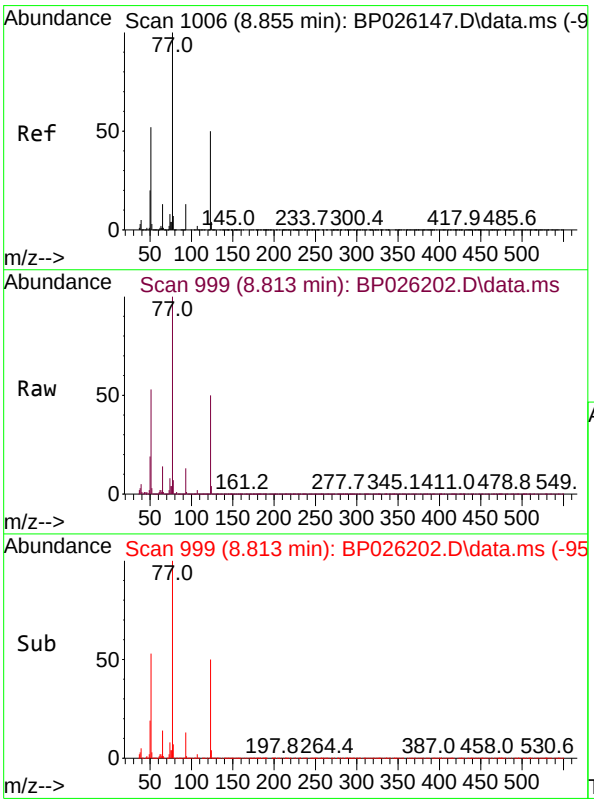

#23
Nitrobenzene-d5
Concen: 42.884 ng
RT: 8.766 min Scan# 99
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 82 Resp: 638500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.1 | 37.4 | 56.0 |
| 54 | 52.3 | 41.6 | 62.4 |

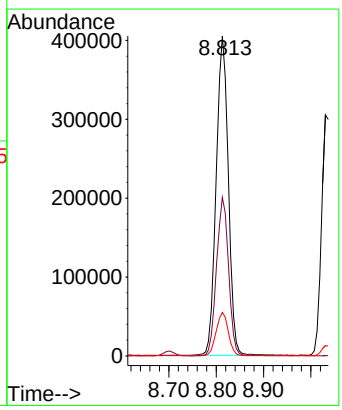


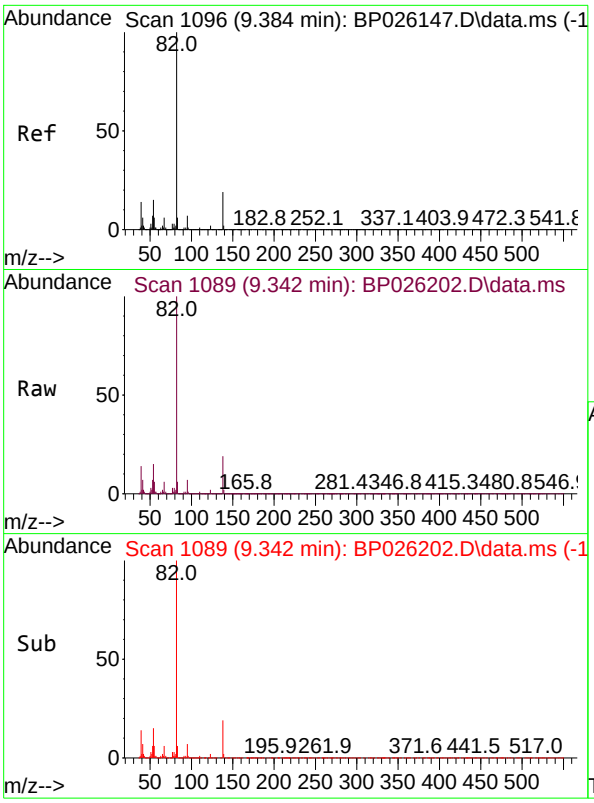




#24
Nitrobenzene
Concen: 47.861 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 77 Resp: 720827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.6 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |



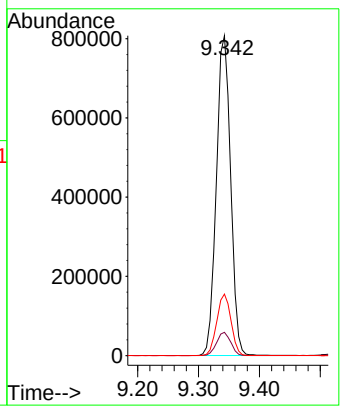


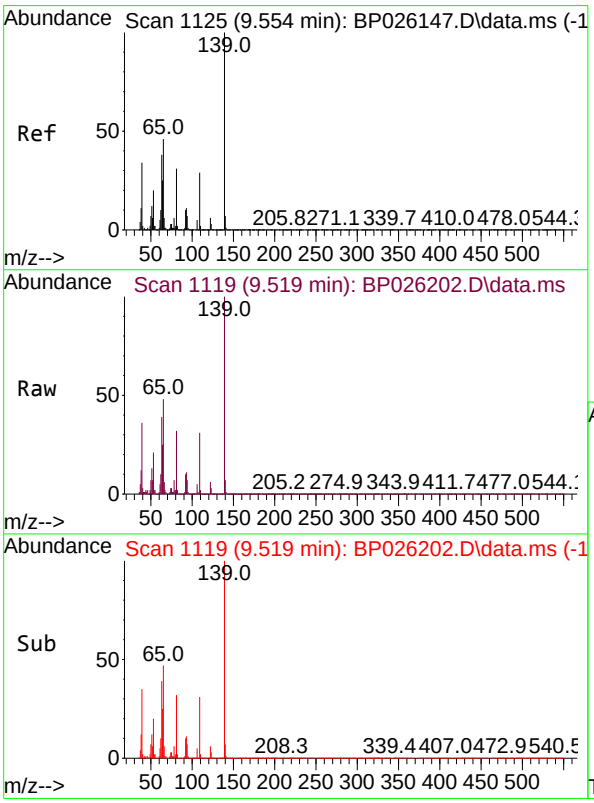

#25
Isophorone
Concen: 44.537 ng
RT: 9.342 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 82 Resp: 1314608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.4 | 8.0 |
| 138 | 19.2 | 15.4 | 23.0 |

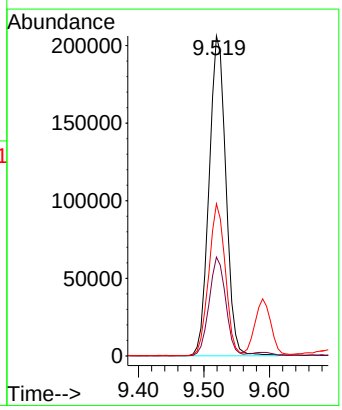


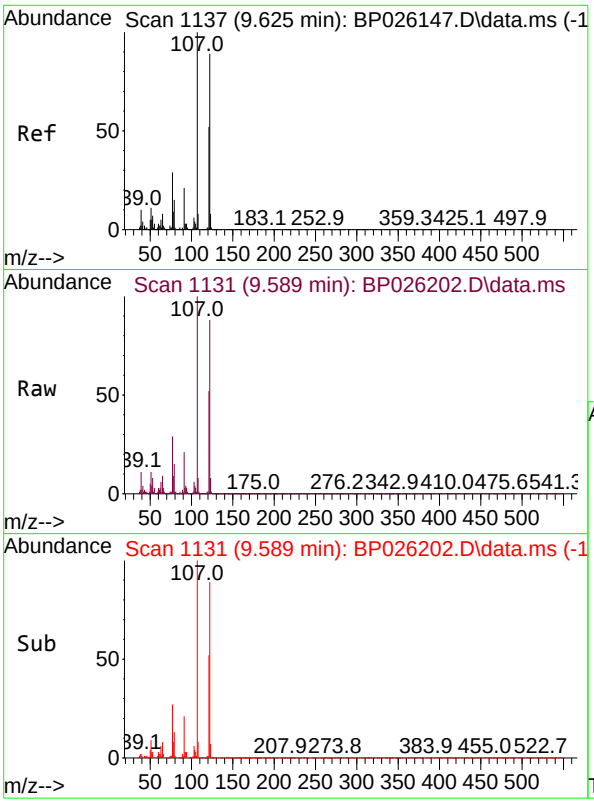




#26
2-Nitrophenol
Concen: 48.262 ng
RT: 9.519 min Scan# 1119
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:139 Resp: 367801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.9 | 22.3 | 33.5 |
| 65 | 47.5 | 37.2 | 55.8 |



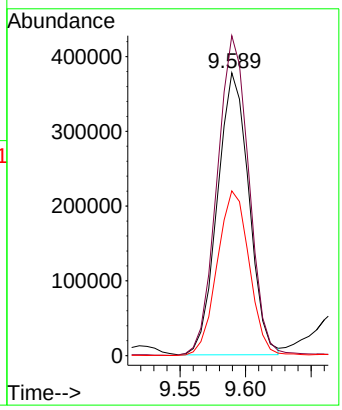


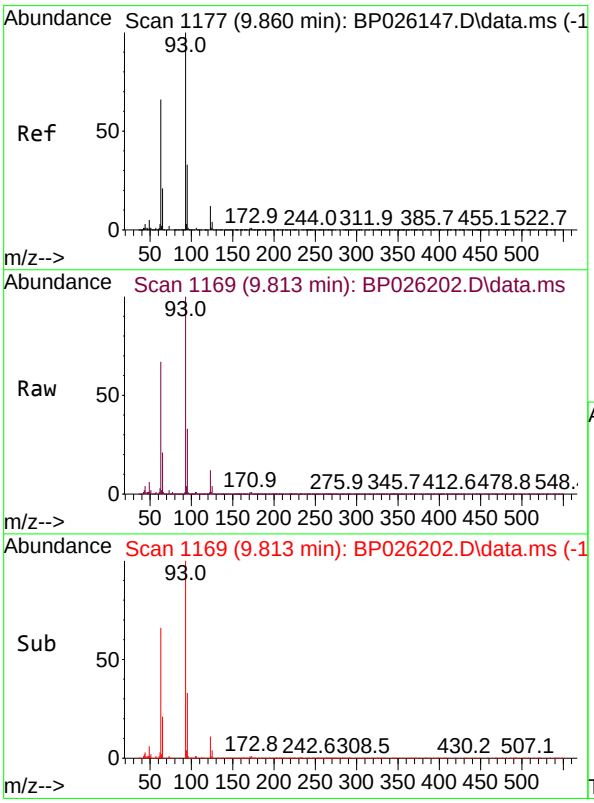

#27
2,4-Dimethylphenol
Concen: 45.876 ng
RT: 9.589 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:122 Resp: 630433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.1 | 91.0 | 136.6 |
| 121 | 58.3 | 47.0 | 70.6 |

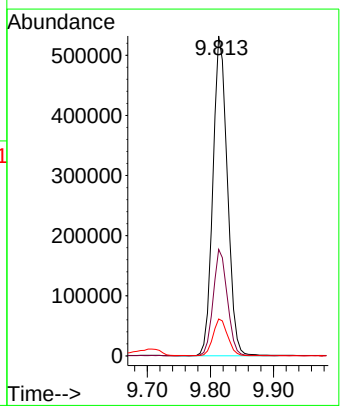


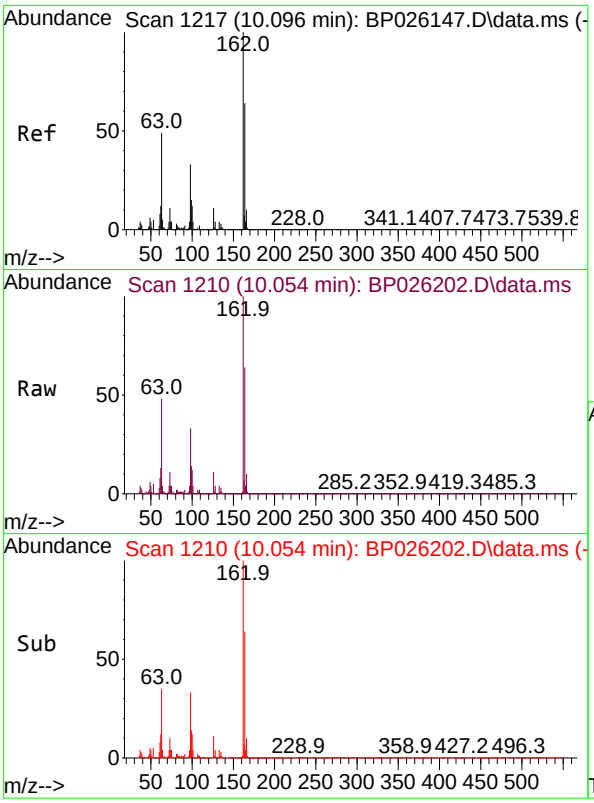




#28
bis(2-Chloroethoxy)methane
Concen: 45.879 ng
RT: 9.813 min Scan# 1169
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 93 Resp: 848124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.3 | 26.4 | 39.6 |
| 123 | 11.5 | 9.4 | 14.0 |



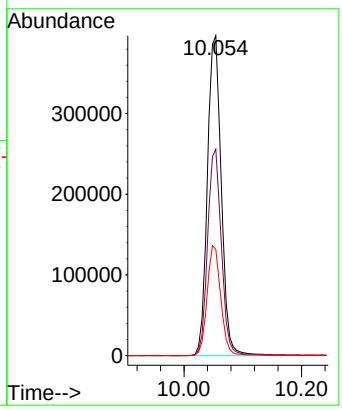


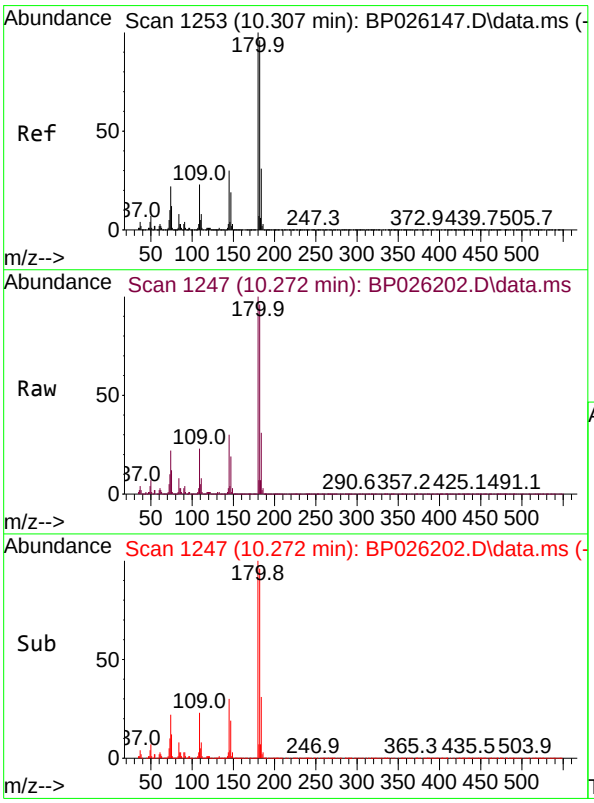

#29
2,4-Dichlorophenol
Concen: 47.445 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:162 Resp: 651652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 43.8 | 83.8 |
| 98 | 33.2 | 14.1 | 54.1 |

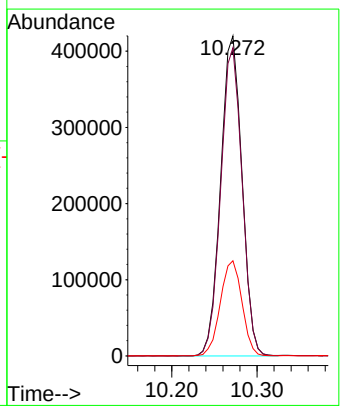


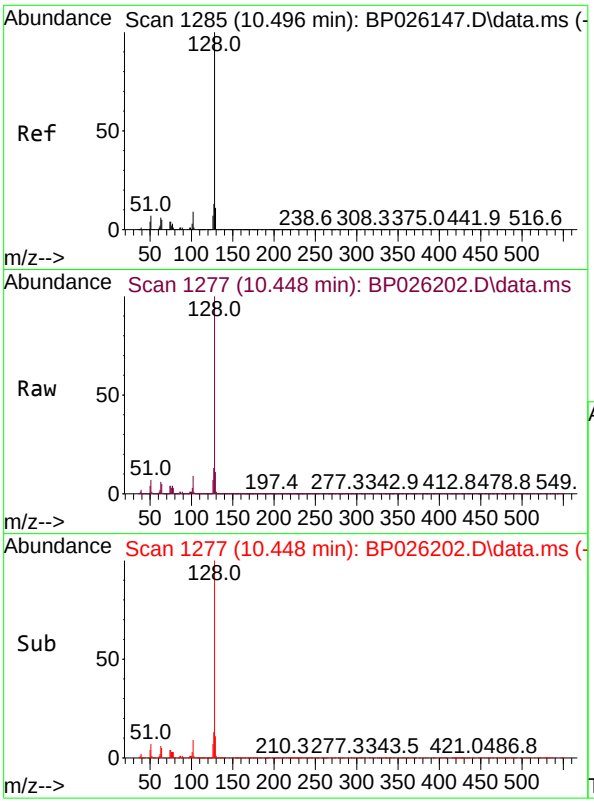




#30
1,2,4-Trichlorobenzene
Concen: 52.240 ng
RT: 10.272 min Scan# 1247
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:180 Resp: 730642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 78.1 | 117.1 |
| 145 | 29.7 | 24.2 | 36.4 |



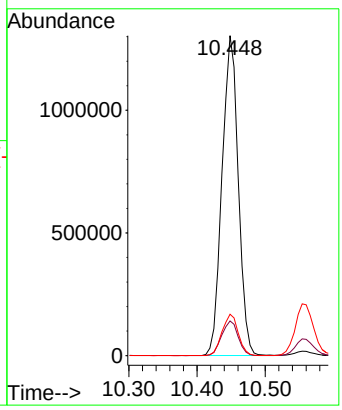


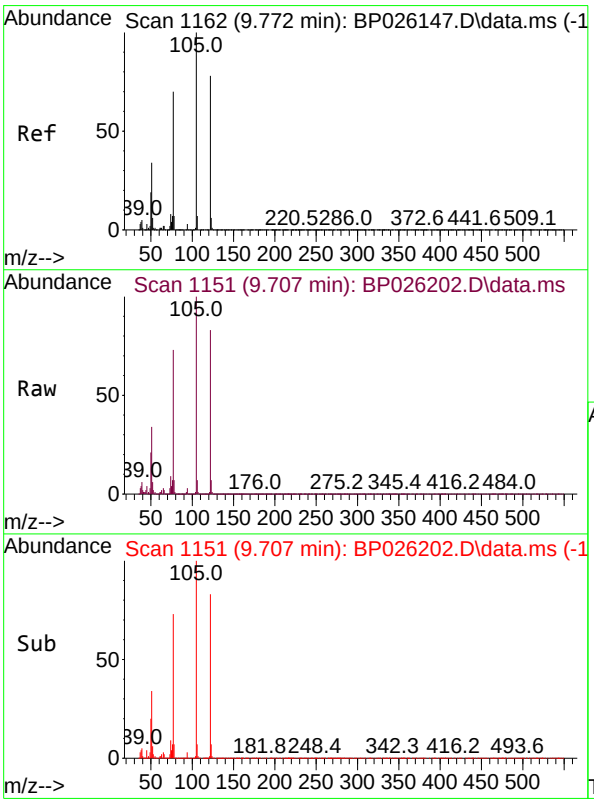

#31
Naphthalene
Concen: 46.989 ng
RT: 10.448 min Scan# 1
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:128 Resp: 2147731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.6 |
| 127 | 12.9 | 10.2 | 15.4 |

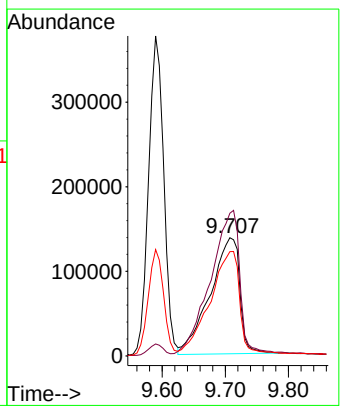


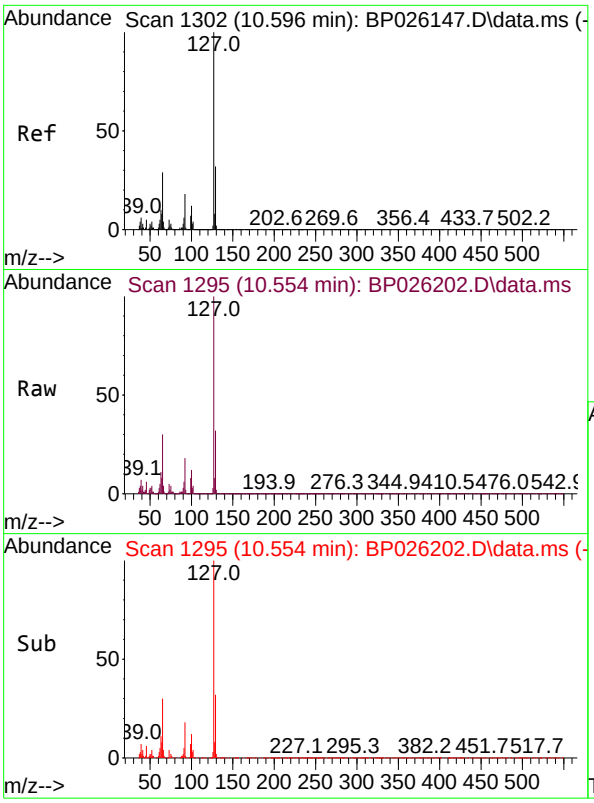




#32
Benzoic acid
Concen: 38.765 ng
RT: 9.707 min Scan# 1151
Delta R.T. -0.059 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:122 Resp: 448609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.6 | 100.1 | 140.1 |
| 77 | 88.2 | 66.7 | 106.7 |



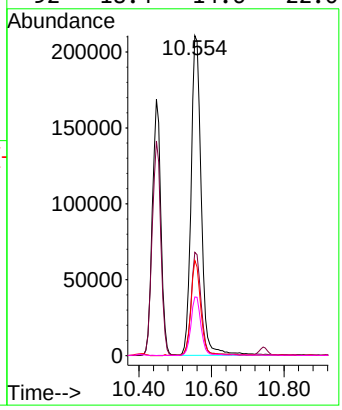


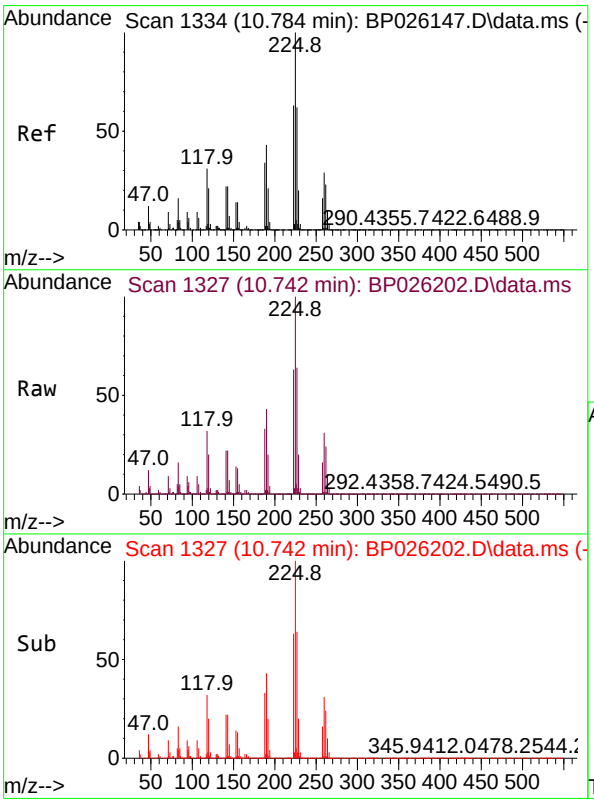

#33
4-Chloroaniline
Concen: 21.162 ng
RT: 10.554 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:127 Resp: 411341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.8 | 38.8 |
| 65 | 29.7 | 22.7 | 34.1 |
| 92 | 18.4 | 14.6 | 22.0 |

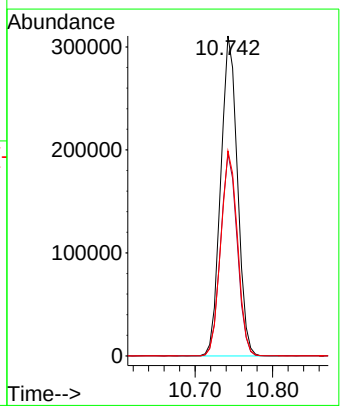


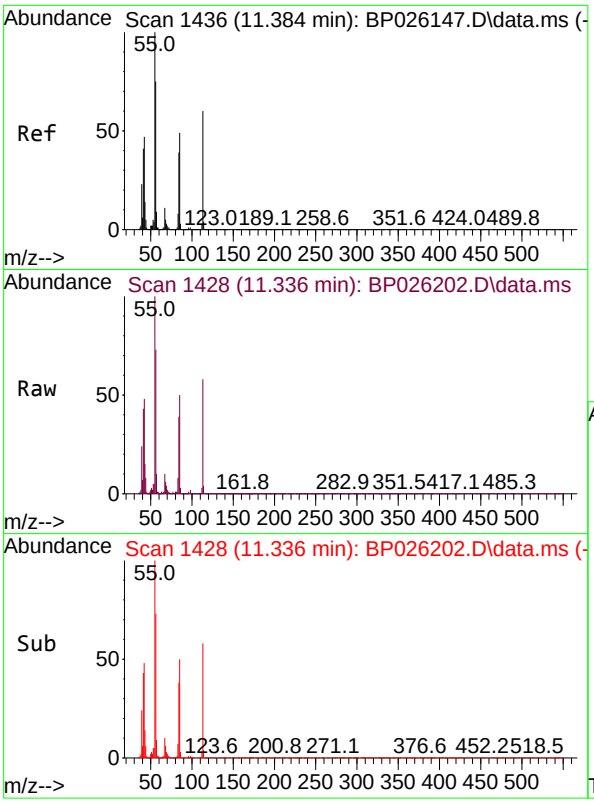




#34
Hexachlorobutadiene
Concen: 51.245 ng
RT: 10.742 min Scan# 1327
Delta R.T. -0.053 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:225 Resp: 466143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.2 | 49.6 | 74.4 |
| 227 | 64.0 | 51.2 | 76.8 |



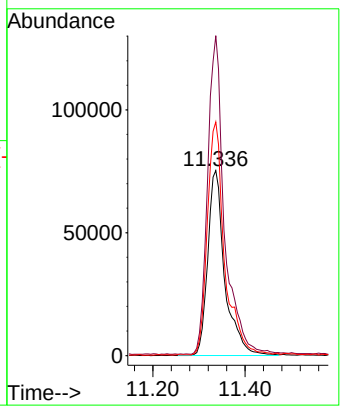


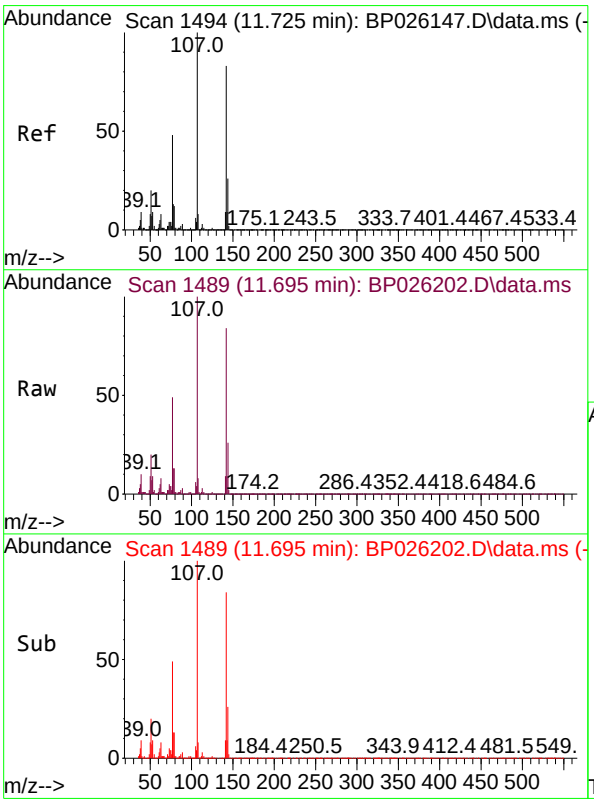

#35
Caprolactam
Concen: 39.334 ng
RT: 11.336 min Scan# 14
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:113 Resp: 193449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 172.9 | 153.0 | 193.0 |
| 56 | 126.2 | 106.4 | 146.4 |

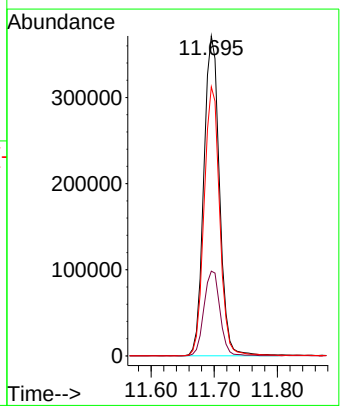


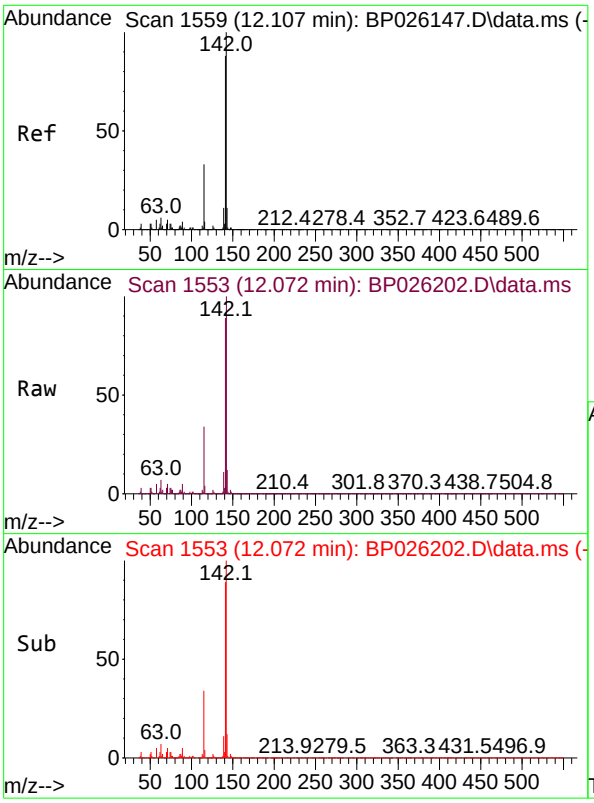




#36
4-Chloro-3-methylphenol
Concen: 43.871 ng
RT: 11.695 min Scan# 1489
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:107 Resp: 640441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 21.6 | 32.4 |
| 142 | 84.1 | 65.6 | 98.4 |



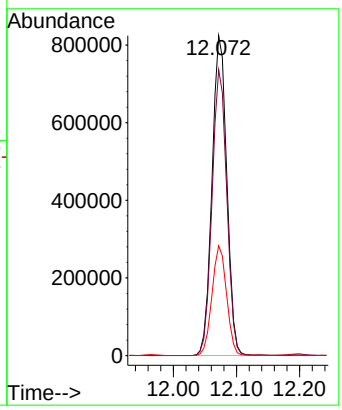


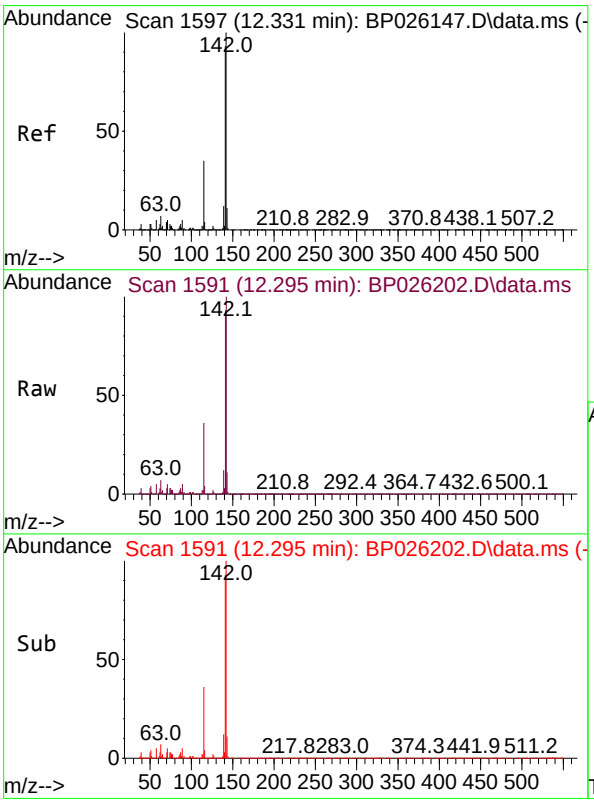

#37
2-Methylnaphthalene
Concen: 41.396 ng
RT: 12.072 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:142 Resp: 1341389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.3 | 71.0 | 106.6 |
| 115 | 34.4 | 26.6 | 39.8 |

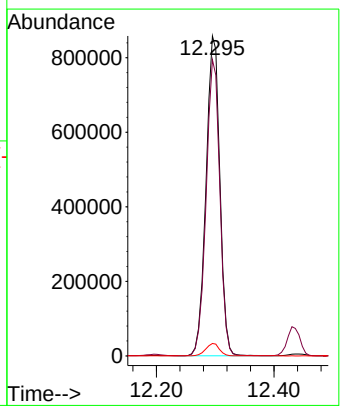


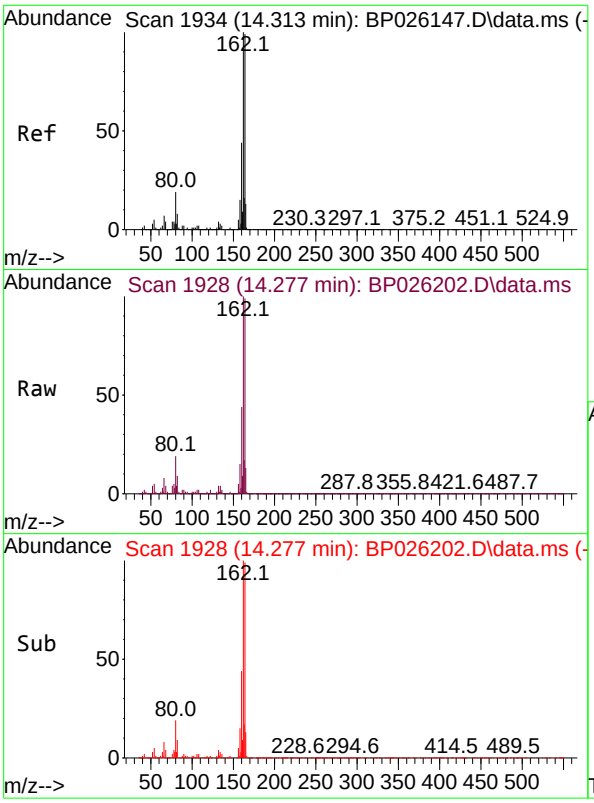




#38
1-Methylnaphthalene
Concen: 44.192 ng
RT: 12.295 min Scan# 1591
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:142 Resp: 1399643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.5 | 73.5 | 110.3 |
| 116 | 3.9 | 3.0 | 4.4 |



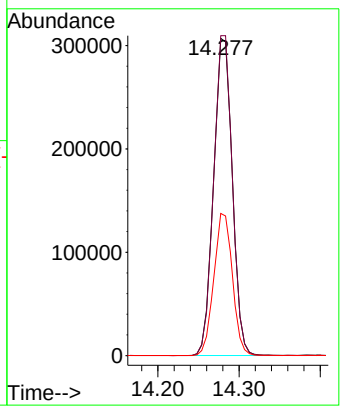


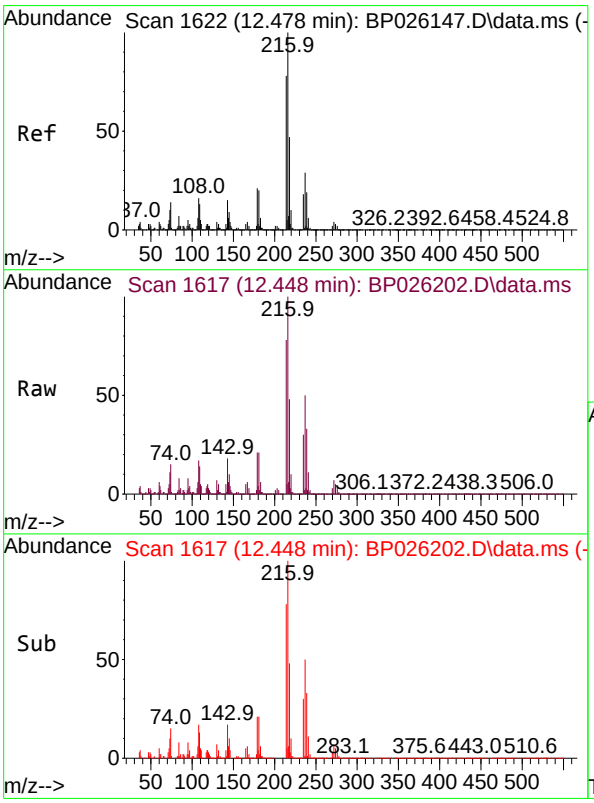

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.277 min Scan# 19
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:164 Resp: 491065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 80.3 | 120.5 |
| 160 | 44.8 | 35.2 | 52.8 |

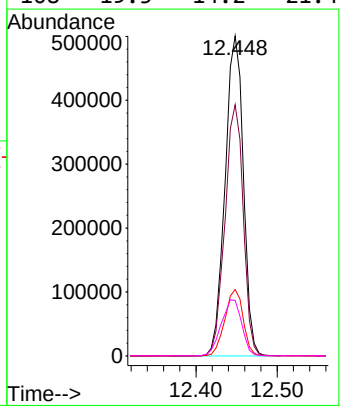


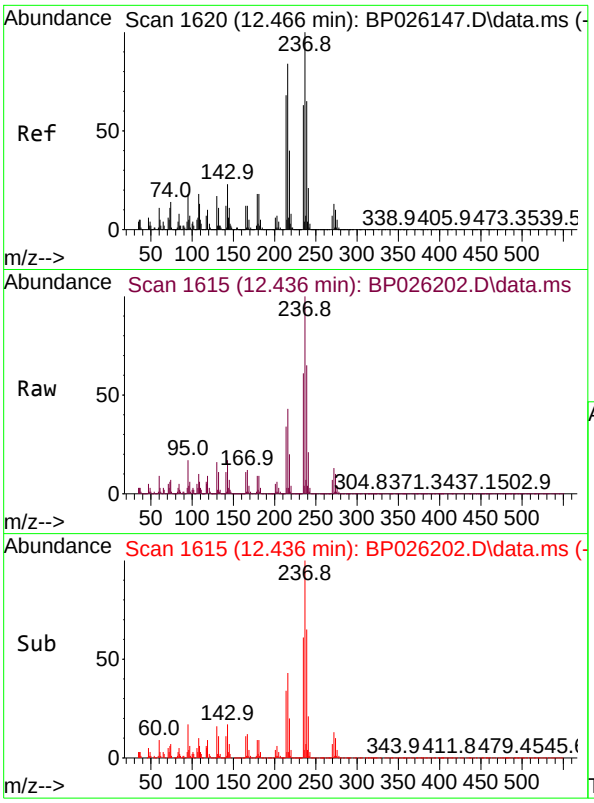




#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.763 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:216 Resp: 783446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 62.6 | 94.0 |
| 179 | 20.8 | 16.6 | 25.0 |
| 108 | 19.5 | 14.2 | 21.4 |



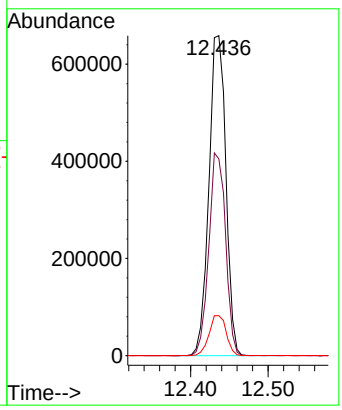


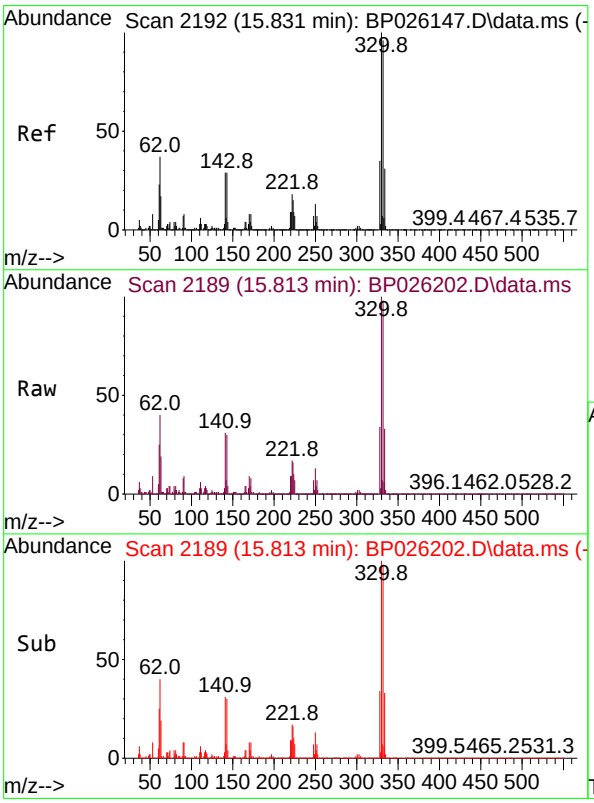

#41
Hexachlorocyclopentadiene
Concen: 103.039 ng
RT: 12.436 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:237 Resp: 1001313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.5 | 43.3 | 83.3 |
| 272 | 12.5 | 0.0 | 32.9 |

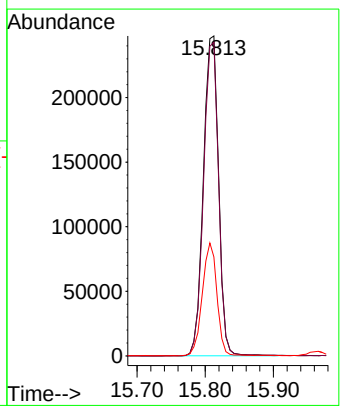


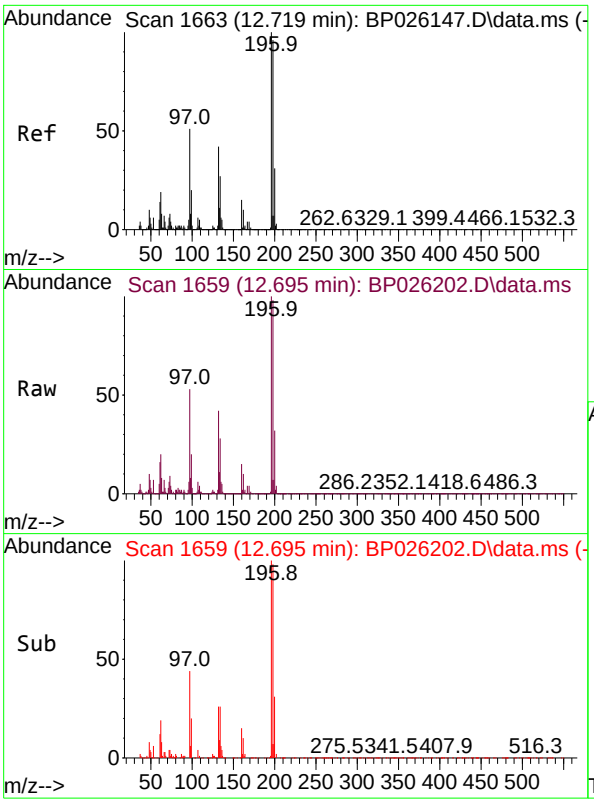




#42
2,4,6-Tribromophenol
Concen: 60.344 ng
RT: 15.813 min Scan# 2189
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:330 Resp: 384407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 78.0 | 117.0 |
| 141 | 33.9 | 26.8 | 40.2 |



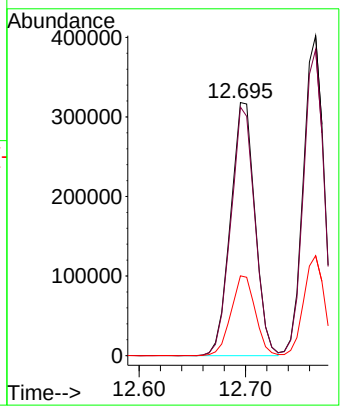


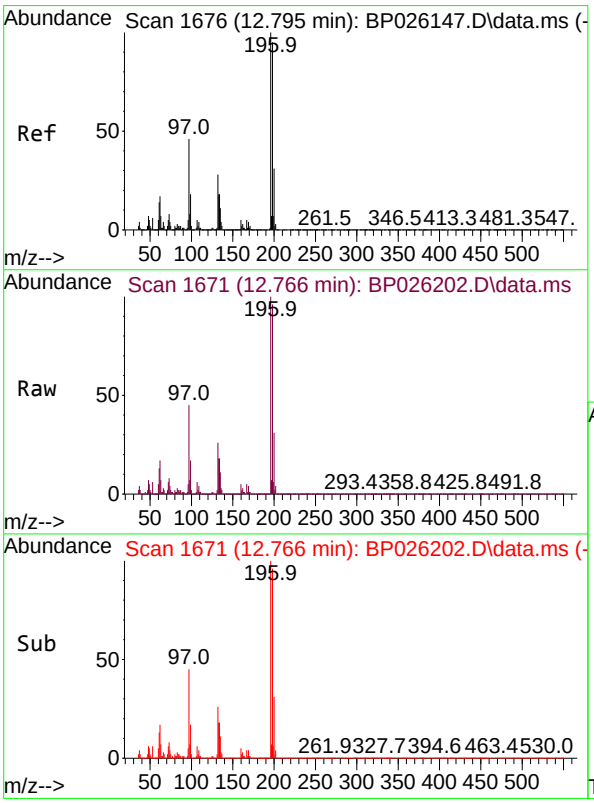

#43
2,4,6-Trichlorophenol
Concen: 49.878 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:196 Resp: 507742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.2 | 76.9 | 115.3 |
| 200 | 31.5 | 24.6 | 37.0 |

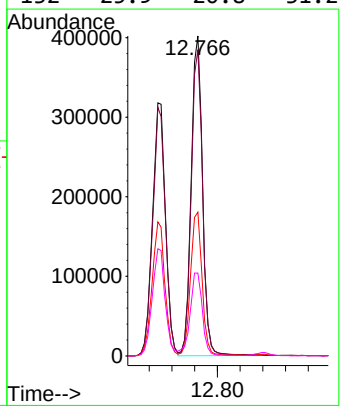


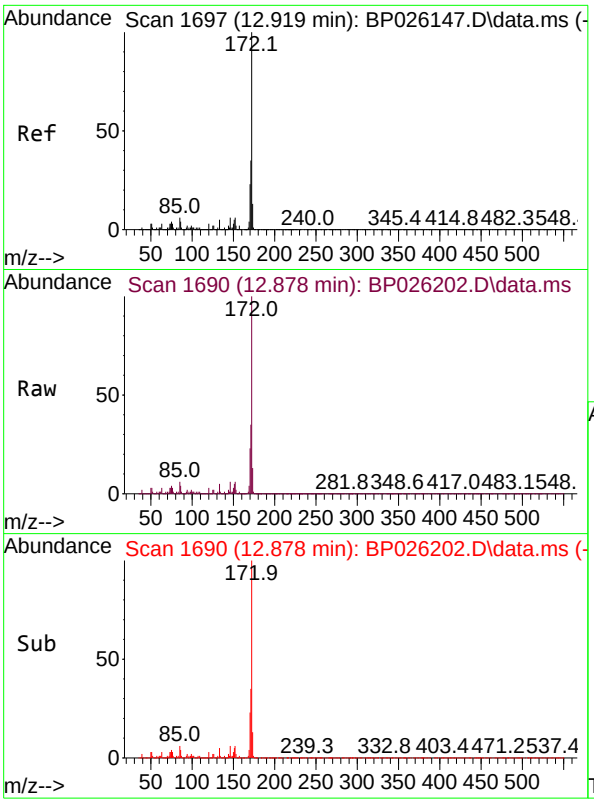




#44
2,4,5-Trichlorophenol
Concen: 48.961 ng
RT: 12.766 min Scan# 1671
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:196 Resp: 556341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.7 | 76.4 | 114.6 |
| 97 | 44.9 | 35.7 | 53.5 |
| 132 | 25.9 | 20.8 | 31.2 |



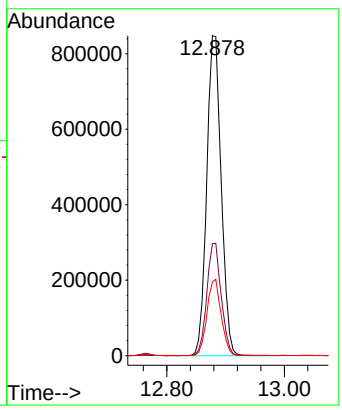


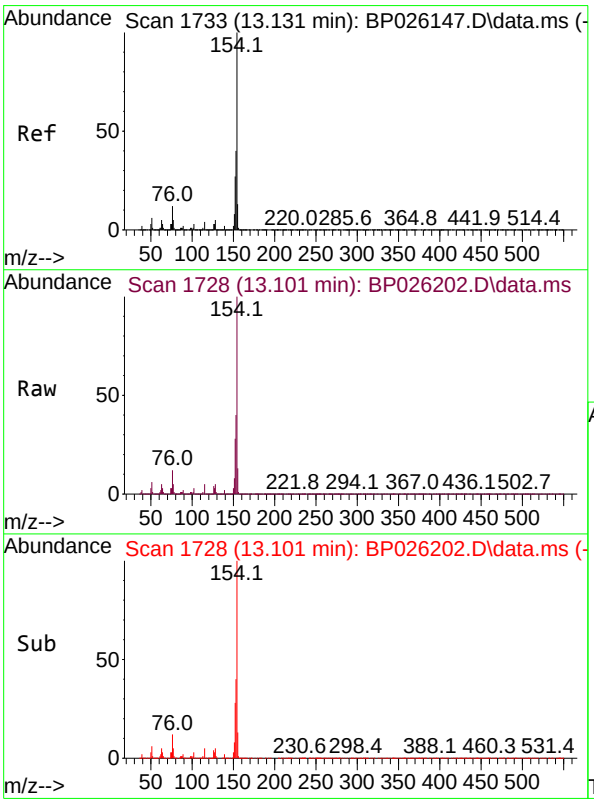

#45
2-Fluorobiphenyl
Concen: 43.191 ng
RT: 12.878 min Scan# 1
Delta R.T. -0.053 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:172 Resp: 1447177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 28.2 | 42.4 |
| 170 | 23.0 | 18.7 | 28.1 |

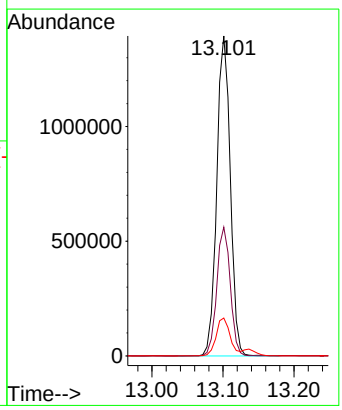


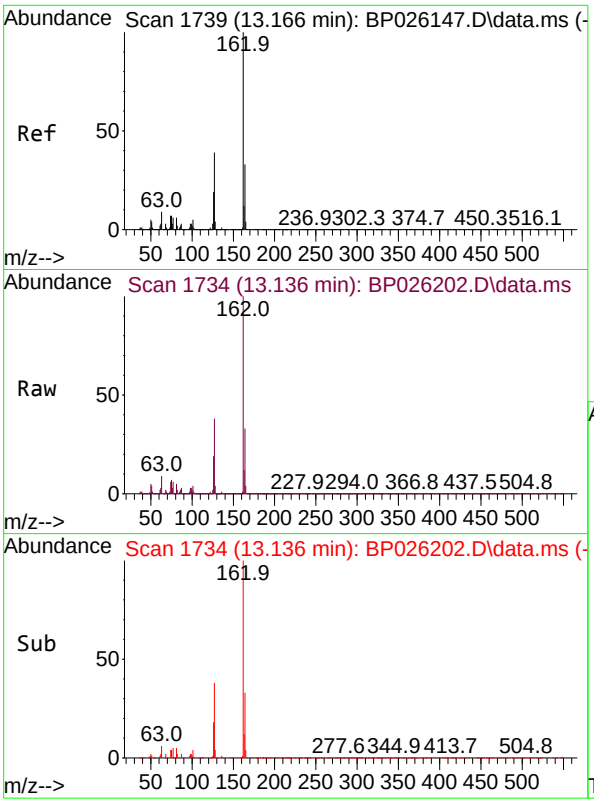




#46
1,1'-Biphenyl
Concen: 49.921 ng
RT: 13.101 min Scan# 1728
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:154 Resp: 1845916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 11.8 | 0.0 | 32.3 |



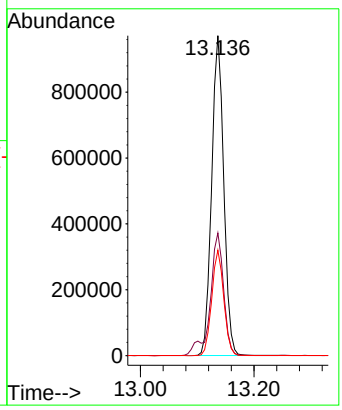


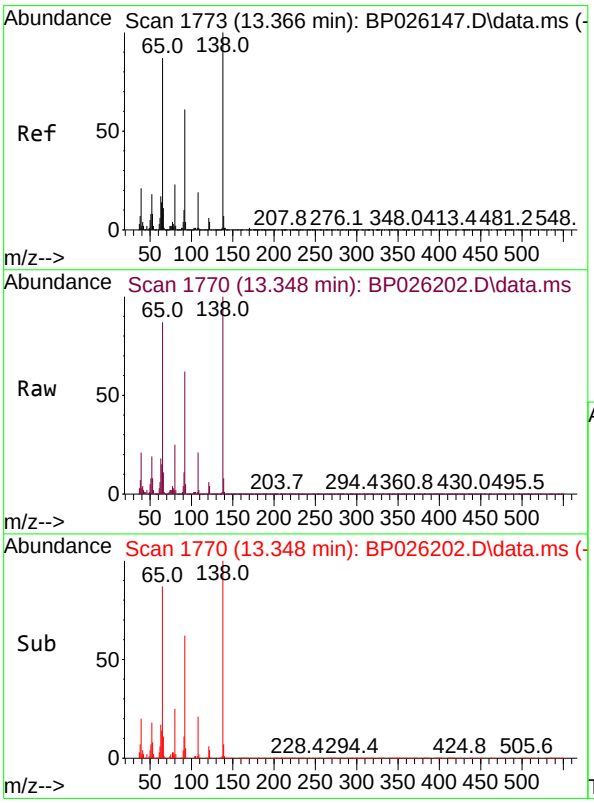

#47
2-Chloronaphthalene
Concen: 49.452 ng
RT: 13.136 min Scan# 1
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:162 Resp: 1437914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.3 | 30.9 | 46.3 |
| 164 | 32.9 | 26.4 | 39.6 |

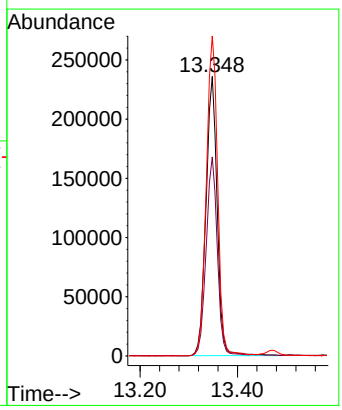


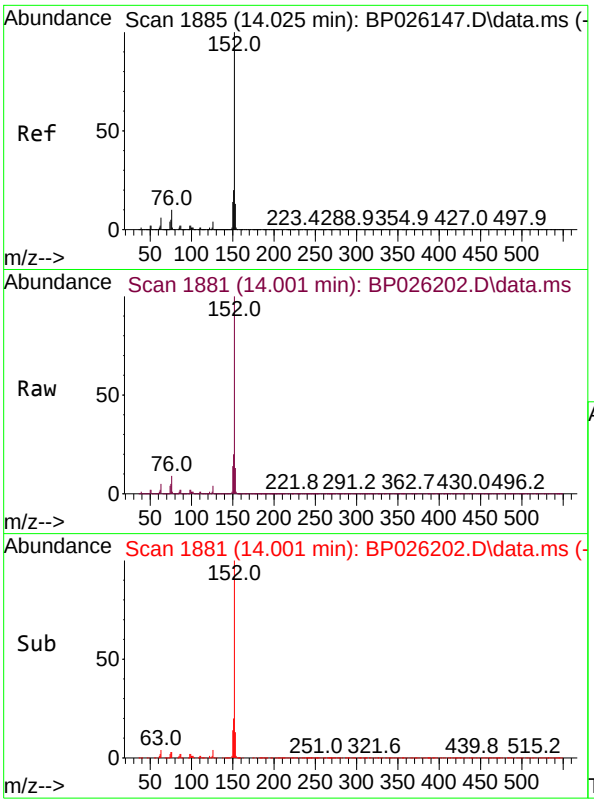




#48
2-Nitroaniline
Concen: 47.019 ng
RT: 13.348 min Scan# 1770
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 65 Resp: 380188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.2 | 59.1 | 88.7 |
| 138 | 114.5 | 96.6 | 145.0 |



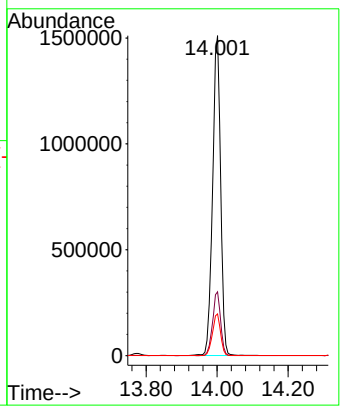


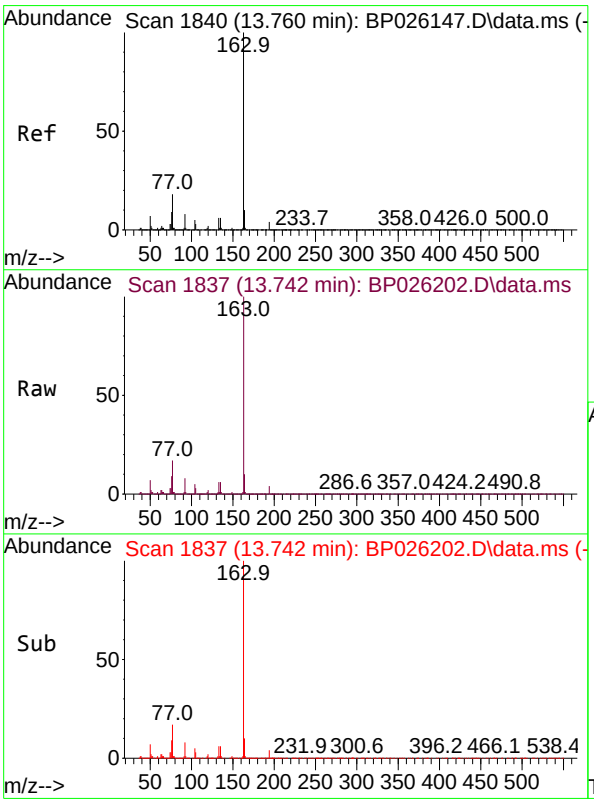

#49
Acenaphthylene
Concen: 49.466 ng
RT: 14.001 min Scan# 18
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:152 Resp: 2372463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.8 | 23.8 |
| 153 | 13.0 | 10.6 | 16.0 |

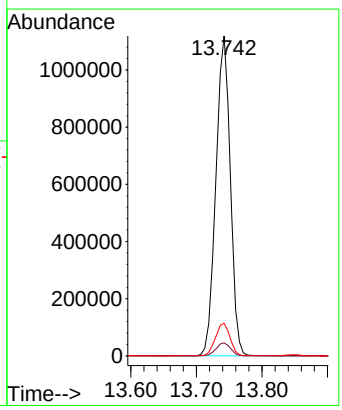


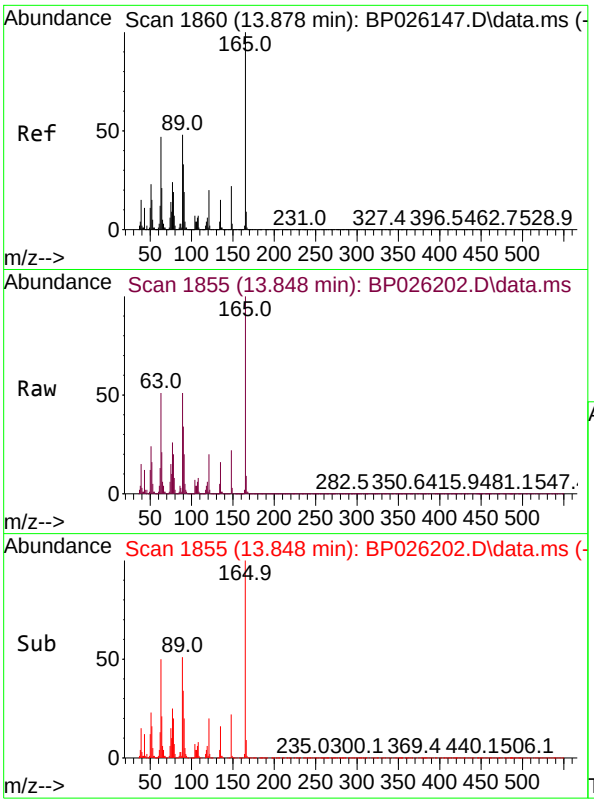




#50
Dimethylphthalate
Concen: 46.788 ng
RT: 13.742 min Scan# 1837
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:163 Resp: 1716045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.2 | 8.2 | 12.2 |



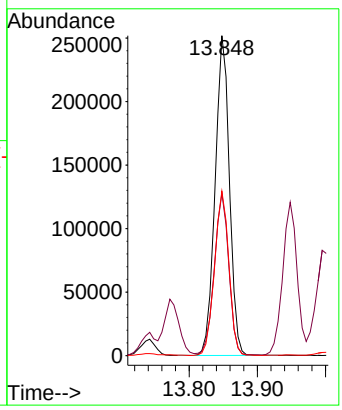


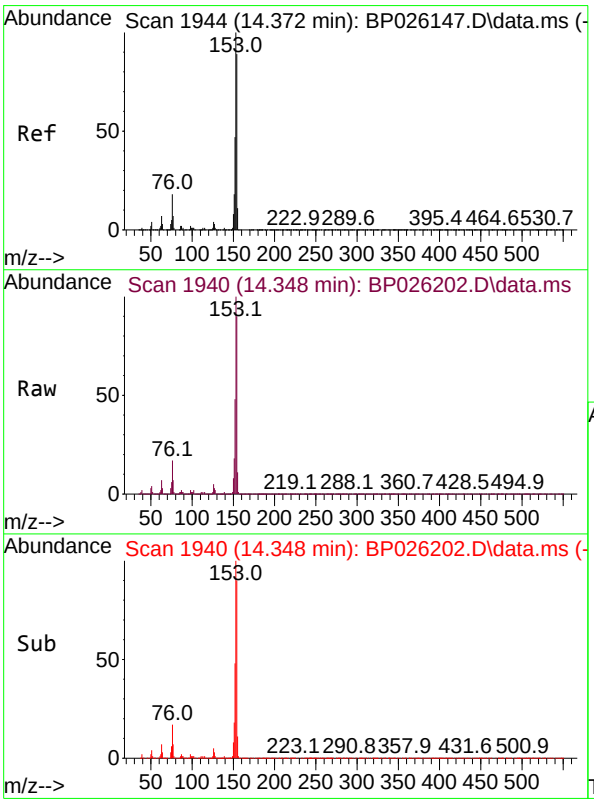

#51
2,6-Dinitrotoluene
Concen: 50.202 ng
RT: 13.848 min Scan# 18
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:165 Resp: 364844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.7 | 40.5 | 60.7 |
| 89 | 51.4 | 41.3 | 61.9 |

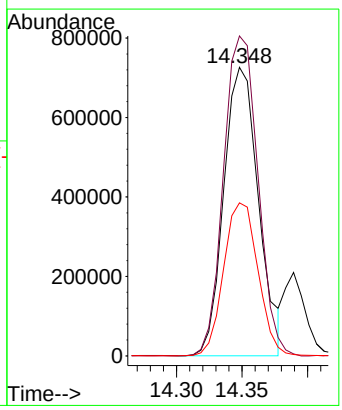


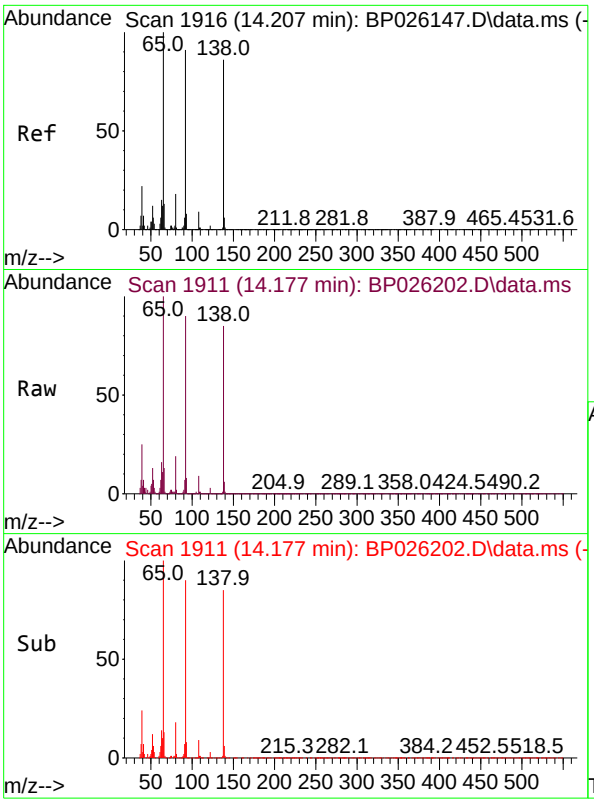




#52
Acenaphthene
Concen: 47.674 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:154 Resp: 1339975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.9 | 90.7 | 136.1 |
| 152 | 53.1 | 42.8 | 64.2 |



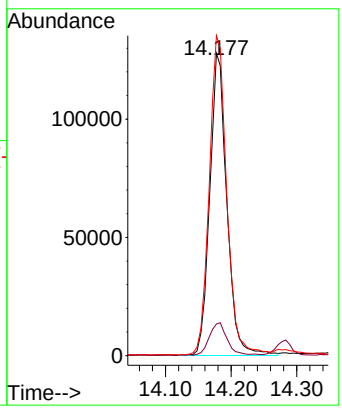


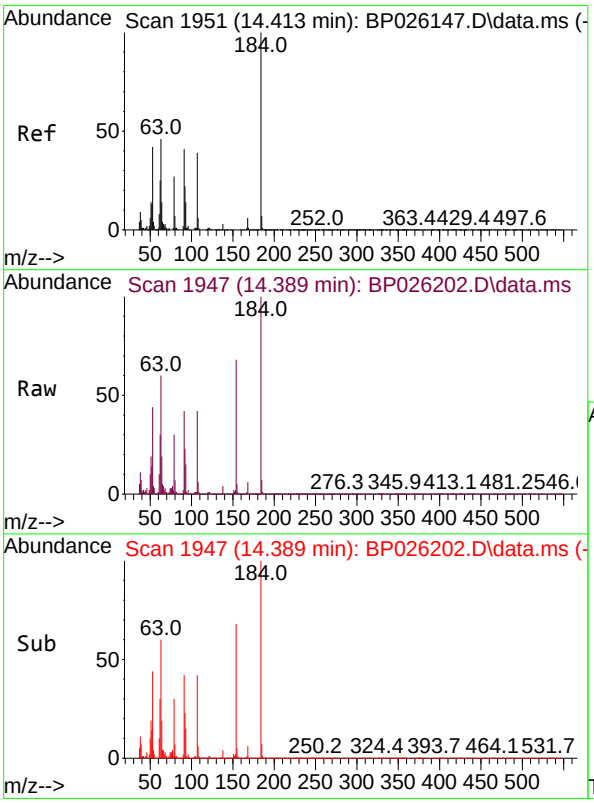

#53
3-Nitroaniline
Concen: 27.102 ng
RT: 14.177 min Scan# 19
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:138 Resp: 231908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 8.9 | 13.3 |
| 92 | 105.8 | 86.3 | 129.5 |

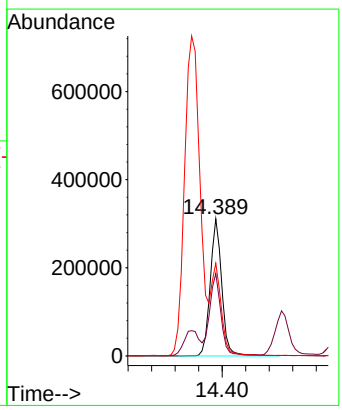


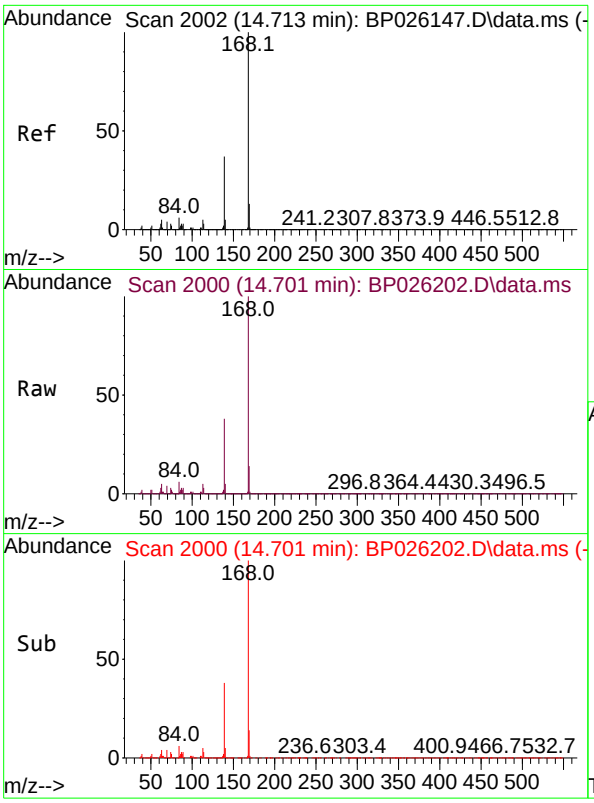




#54
2,4-Dinitrophenol
Concen: 97.018 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:184 Resp: 425617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 60.2 | 43.1 | 64.7 |
| 154 | 67.6 | 49.5 | 74.3 |



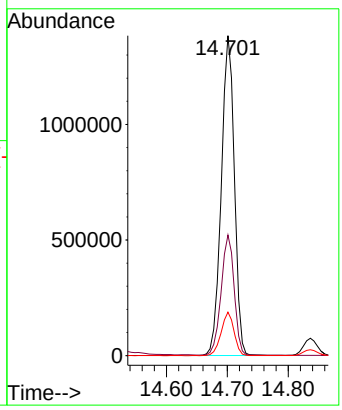


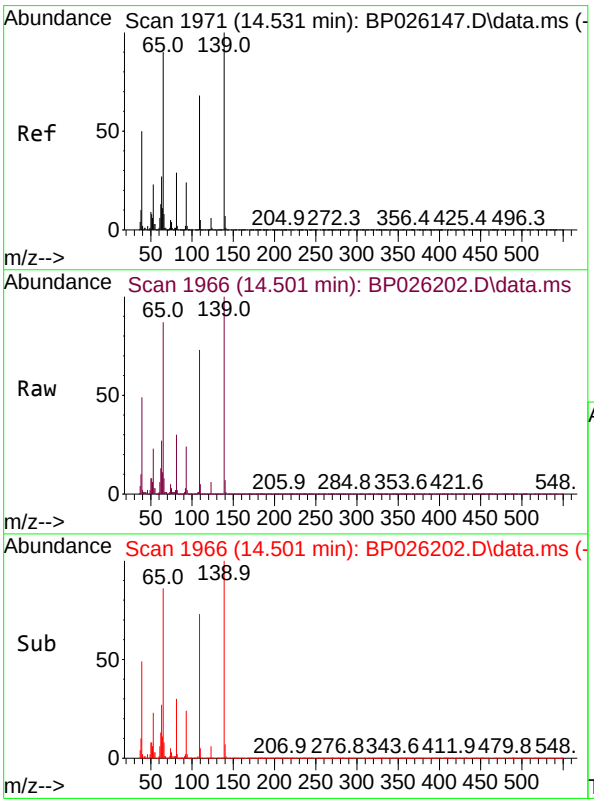

#55
Dibenzofuran
Concen: 47.486 ng
RT: 14.701 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:168 Resp: 2067244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.7 | 29.8 | 44.6 |
| 169 | 13.6 | 10.9 | 16.3 |

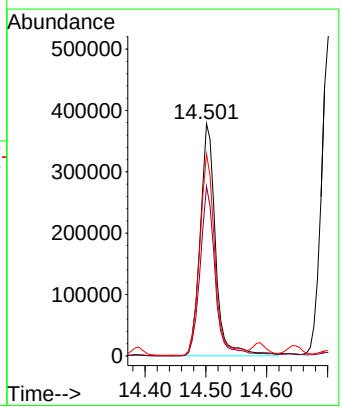


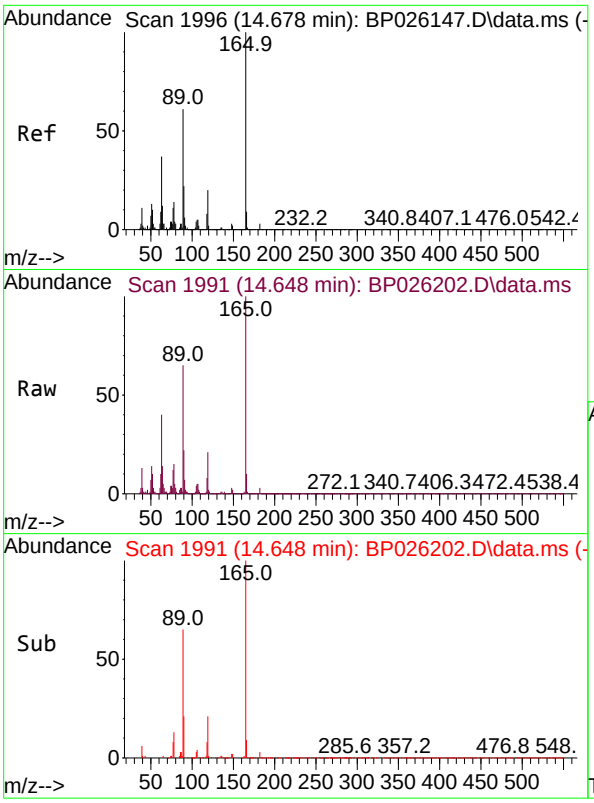




#56
4-Nitrophenol
Concen: 85.360 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:139 Resp: 660774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 73.0 | 46.8 | 86.8 |
| 65 | 86.9 | 69.3 | 109.3 |



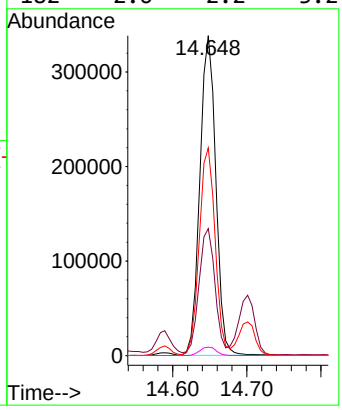


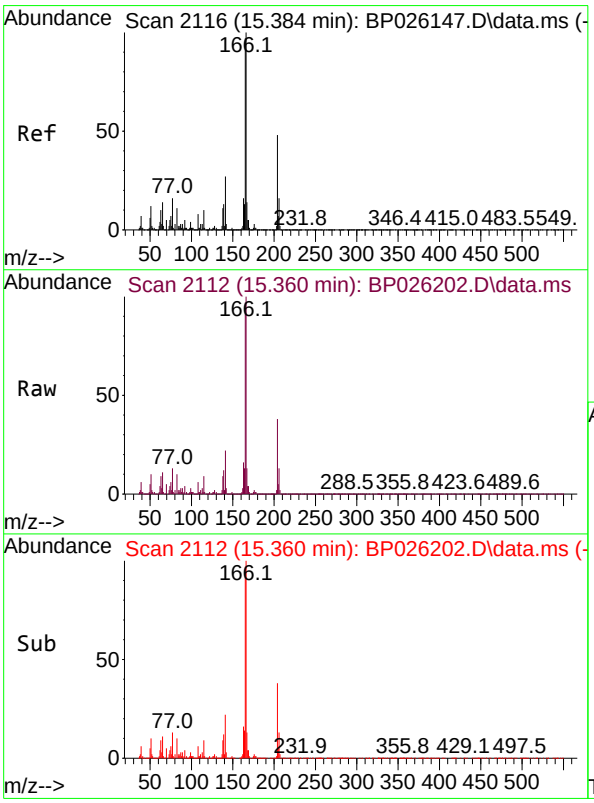

#57
2,4-Dinitrotoluene
Concen: 46.565 ng
RT: 14.648 min Scan# 19
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:165 Resp: 505295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.7 | 31.0 | 46.6 |
| 89 | 64.9 | 51.7 | 77.5 |
| 182 | 2.6 | 2.2 | 3.2 |

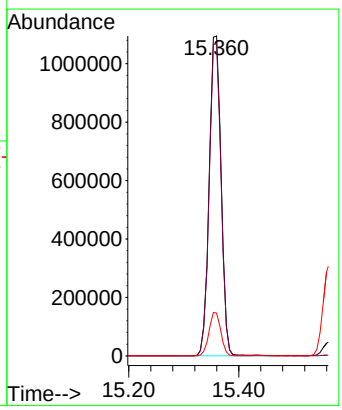


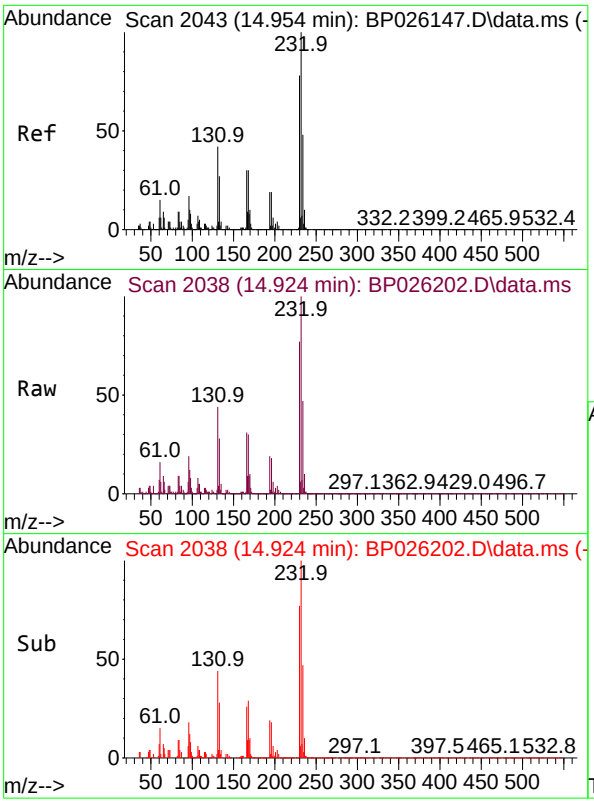




#58
Fluorene
Concen: 47.858 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:166 Resp: 1646773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 77.9 | 116.9 |
| 167 | 13.4 | 11.0 | 16.4 |



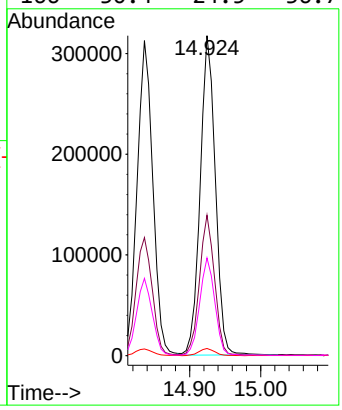


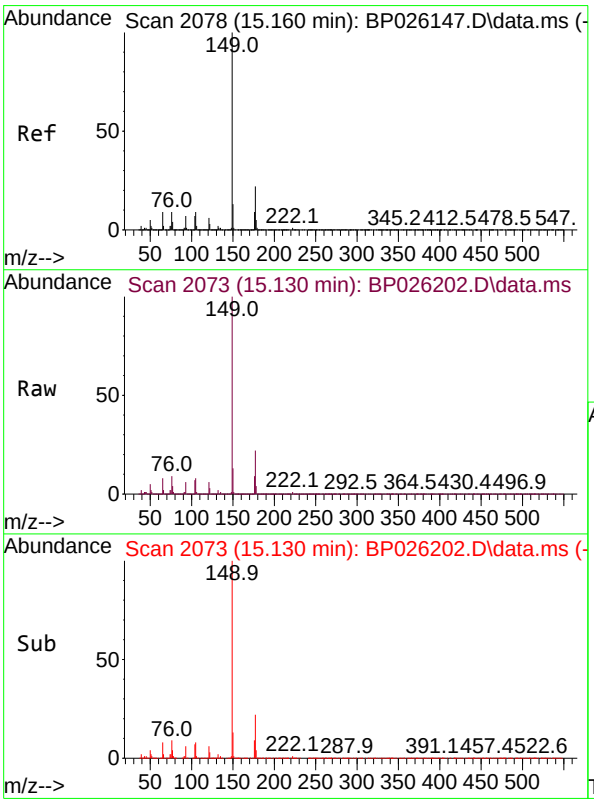

#59
2,3,4,6-Tetrachlorophenol
Concen: 48.650 ng
RT: 14.924 min Scan# 20
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:232 Resp: 468980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.3 | 34.8 | 52.2 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 30.4 | 24.5 | 36.7 |

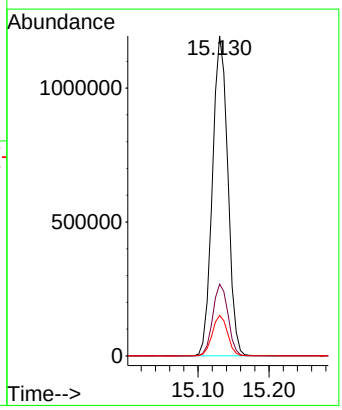


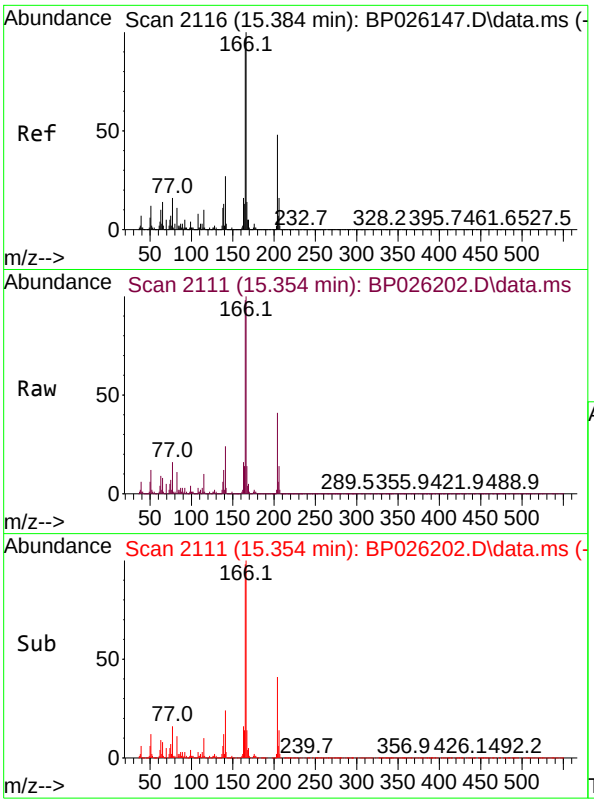




#60
Diethylphthalate
Concen: 48.758 ng
RT: 15.130 min Scan# 2073
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:149 Resp: 1801490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 17.9 | 26.9 |
| 150 | 12.6 | 9.9 | 14.9 |



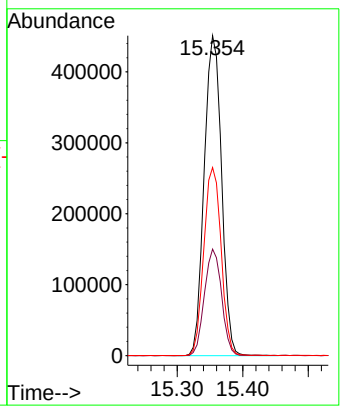


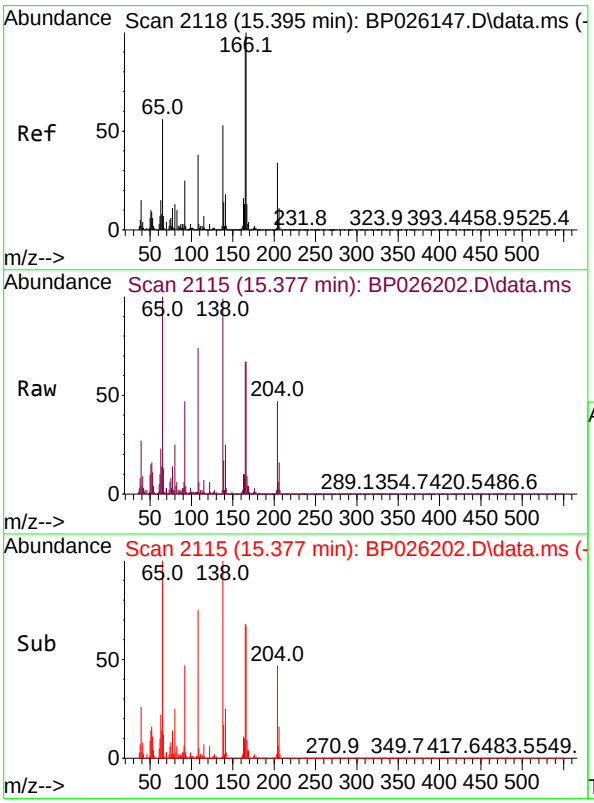

#61
4-Chlorophenyl-phenylether
Concen: 48.285 ng
RT: 15.354 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:204 Resp: 826679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.3 | 26.2 | 39.2 |
| 141 | 58.8 | 48.1 | 72.1 |

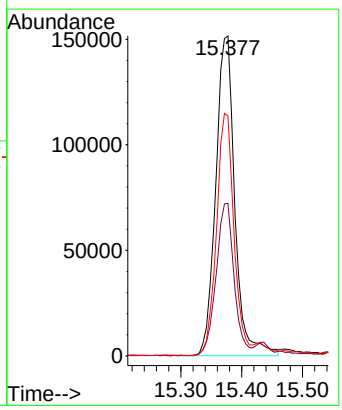


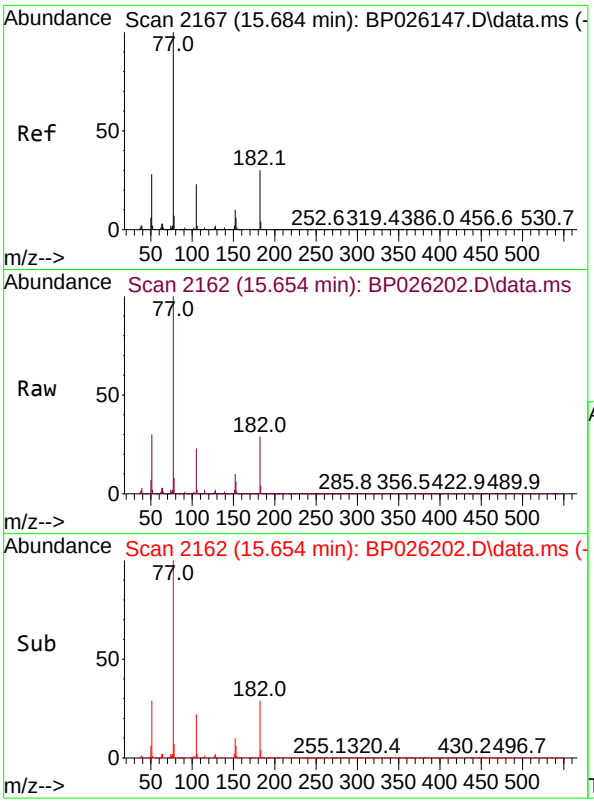




#62
4-Nitroaniline
Concen: 37.253 ng
RT: 15.377 min Scan# 2115
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:138 Resp: 331015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.7 | 27.5 | 67.5 |
| 108 | 75.0 | 51.1 | 91.1 |



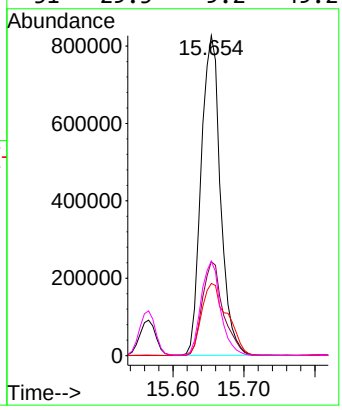


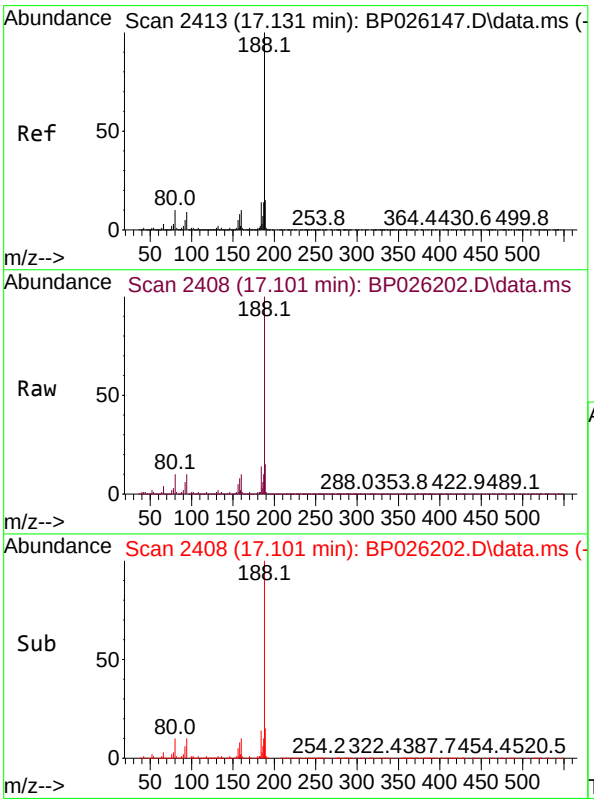

#63
Azobenzene
Concen: 50.003 ng
RT: 15.654 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion: 77 Resp: 1557769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.4 | 8.8 | 48.8 |
| 105 | 22.5 | 2.6 | 42.6 |
| 51 | 29.5 | 9.2 | 49.2 |

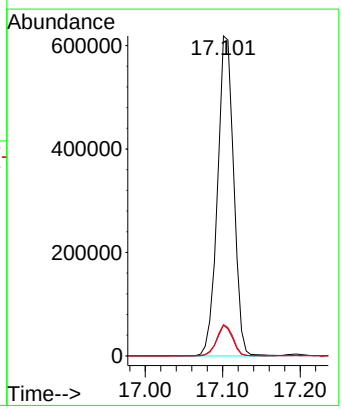


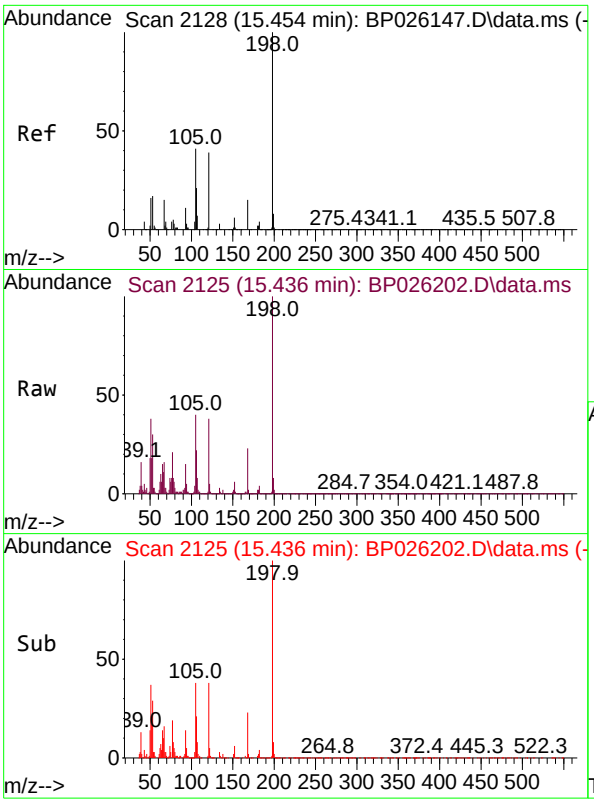




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:188 Resp: 902556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 7.8 | 11.6 |
| 80 | 9.8 | 8.2 | 12.2 |



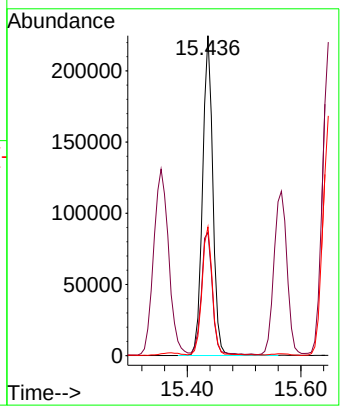


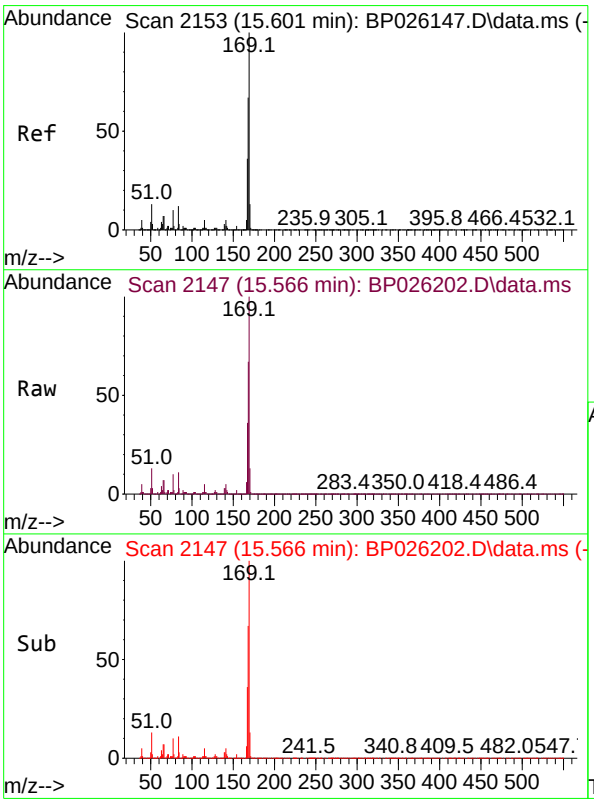

#65
4,6-Dinitro-2-methylphenol
Concen: 49.378 ng
RT: 15.436 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:198 Resp: 283125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 38.5 | 18.4 | 58.4 |
| 105 | 40.2 | 18.5 | 58.5 |

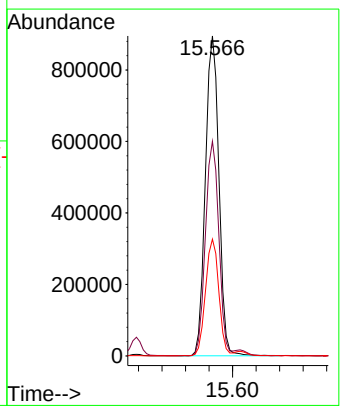


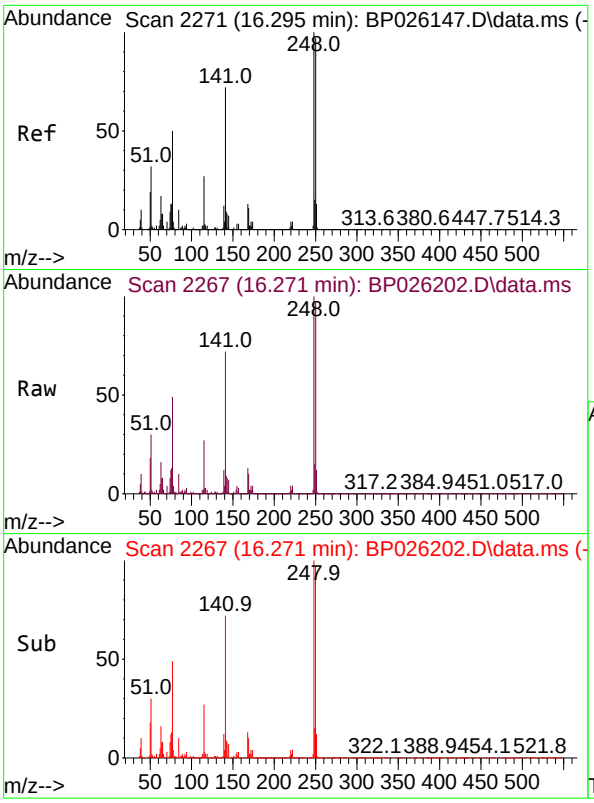




#66
n-Nitrosodiphenylamine
Concen: 51.233 ng
RT: 15.566 min Scan# 2147
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:169 Resp: 1430410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.1 | 53.1 | 79.7 |
| 167 | 36.5 | 28.9 | 43.3 |



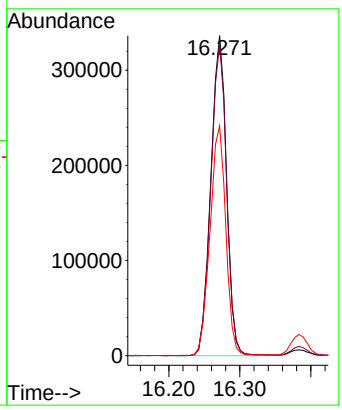


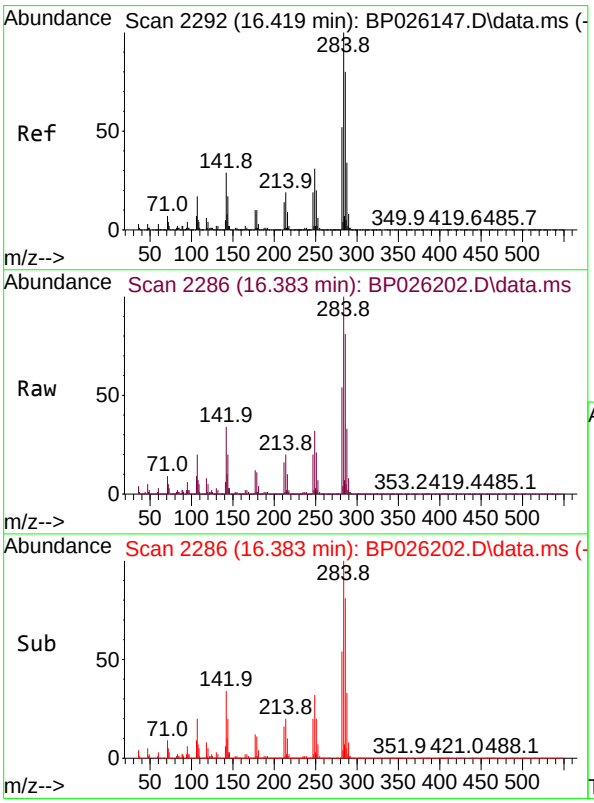

#67
4-Bromophenyl-phenylether
Concen: 51.929 ng
RT: 16.271 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:248 Resp: 519059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.8 | 116.6 |
| 141 | 71.8 | 55.4 | 83.0 |

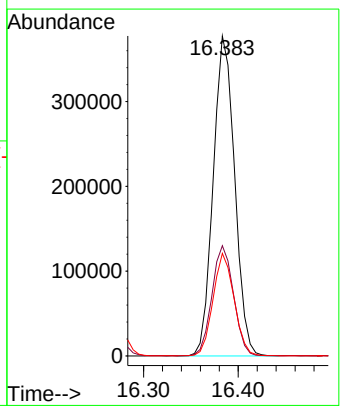


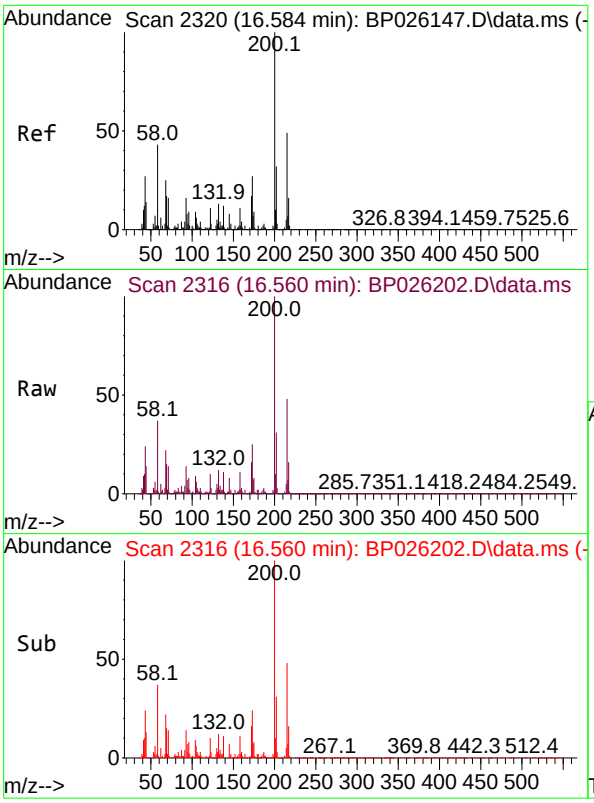




#68
Hexachlorobenzene
Concen: 51.166 ng
RT: 16.383 min Scan# 2286
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:284 Resp: 593459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.4 | 28.0 | 42.0 |
| 249 | 32.0 | 25.0 | 37.4 |



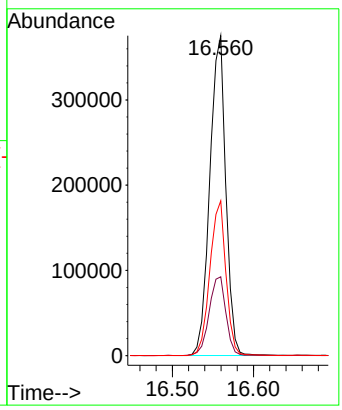


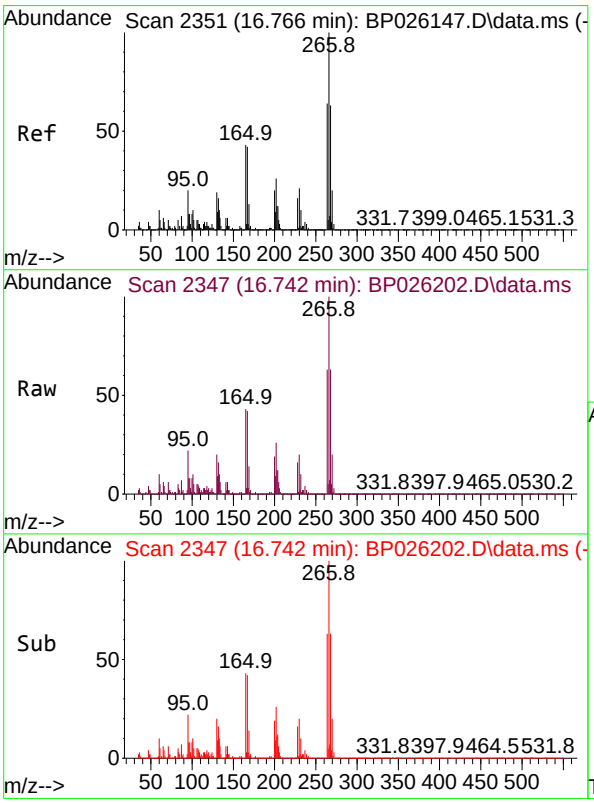

#69
Atrazine
Concen: 48.862 ng
RT: 16.560 min Scan# 2
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:200 Resp: 514429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.6 | 6.7 | 46.7 |
| 215 | 48.4 | 27.4 | 67.4 |

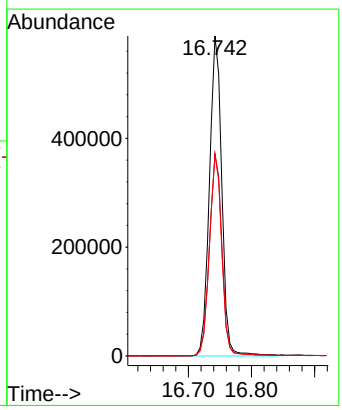


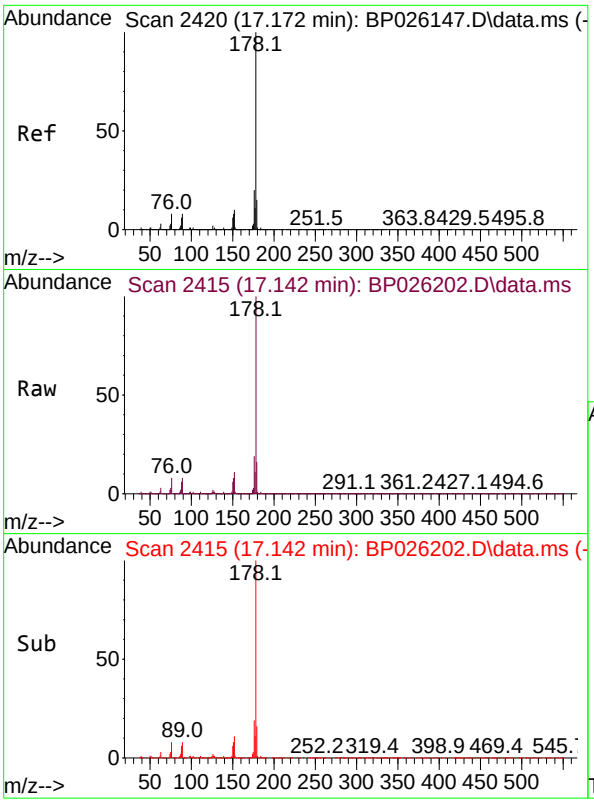




#70
Pentachlorophenol
Concen: 98.613 ng
RT: 16.742 min Scan# 2347
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:266 Resp: 800085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.0 | 76.4 |
| 264 | 62.9 | 50.2 | 75.2 |



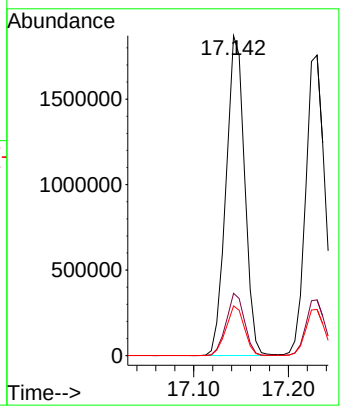


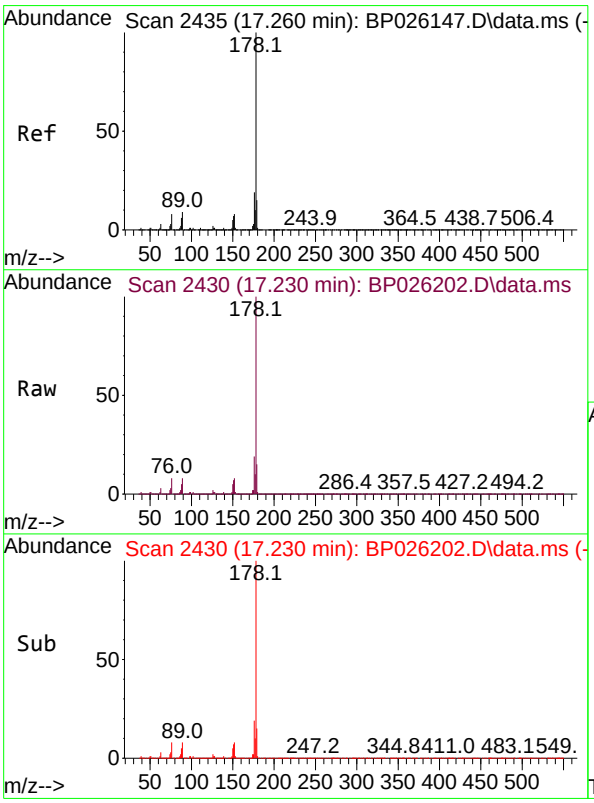

#71
Phenanthrene
Concen: 50.298 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:178 Resp: 2557324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.4 | 23.2 |
| 179 | 15.5 | 12.4 | 18.6 |

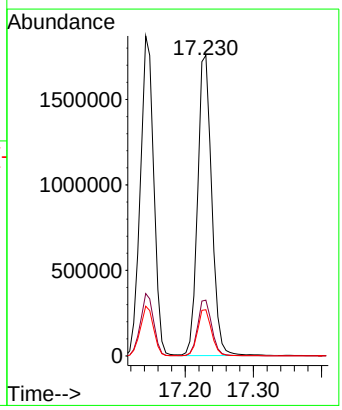


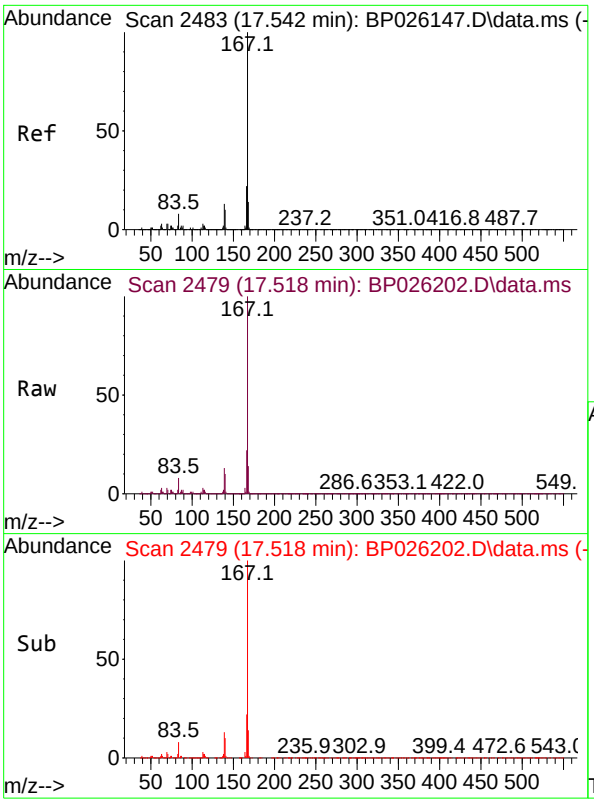




#72
Anthracene
Concen: 48.662 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:178 Resp: 2523464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.8 | 22.2 |
| 179 | 15.3 | 12.2 | 18.4 |



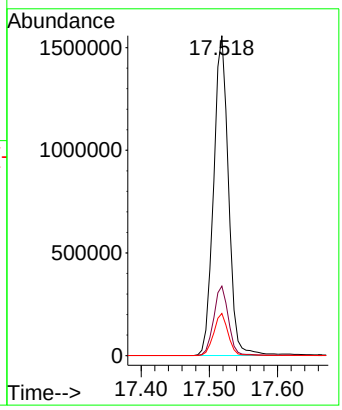


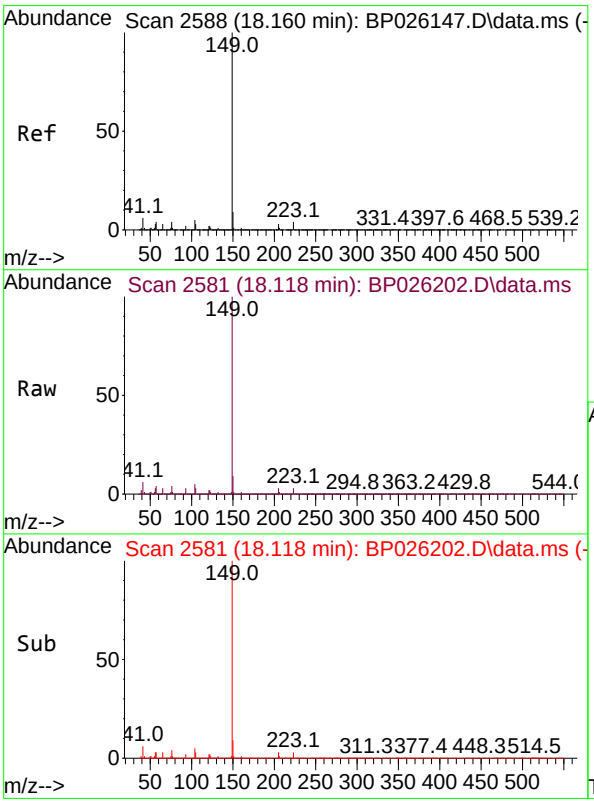

#73
Carbazole
Concen: 47.805 ng
RT: 17.518 min Scan# 24
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:167 Resp: 2354571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.1 | 25.7 |
| 139 | 13.2 | 10.2 | 15.4 |

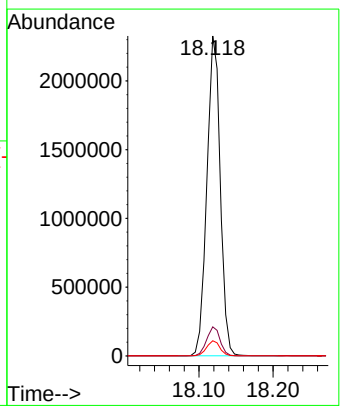


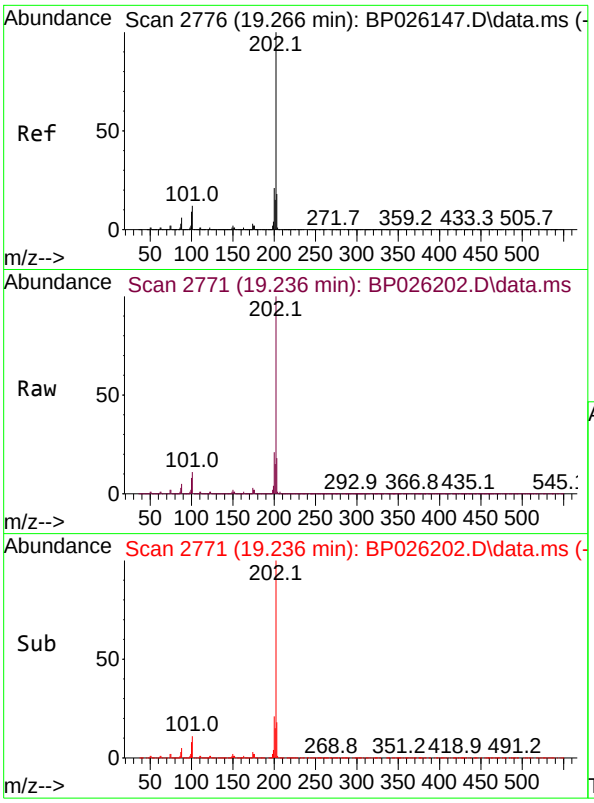




#74
Di-n-butylphthalate
Concen: 49.862 ng
RT: 18.118 min Scan# 2581
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:149 Resp: 2911527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |



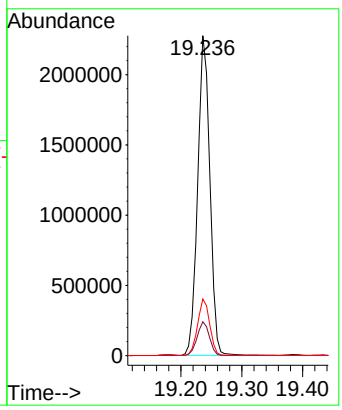


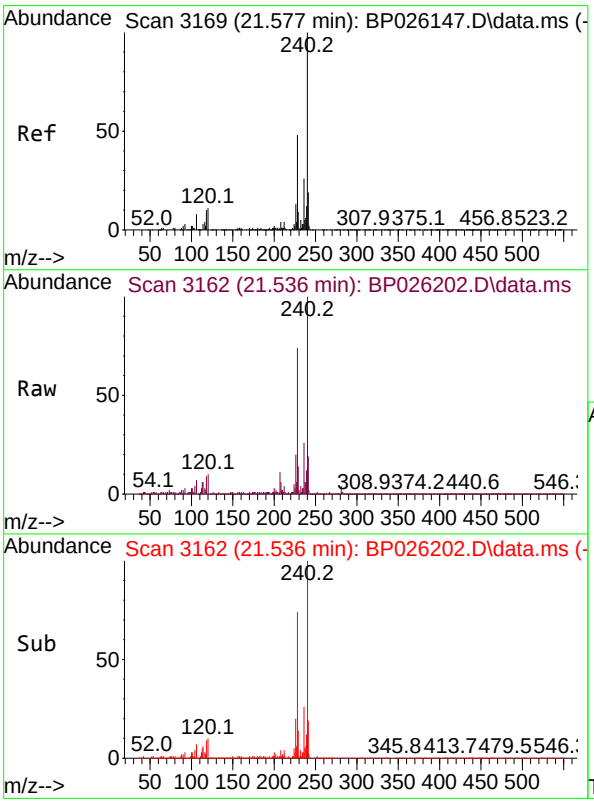

#75
Fluoranthene
Concen: 51.156 ng
RT: 19.236 min Scan# 2
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:202 Resp: 3160121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 31.2 |
| 203 | 17.7 | 0.0 | 37.7 |

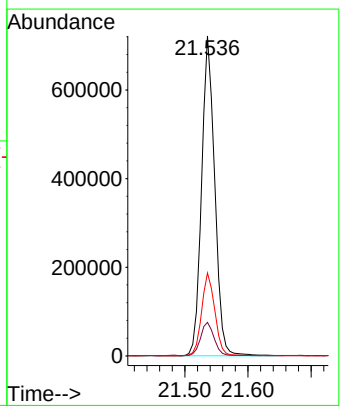


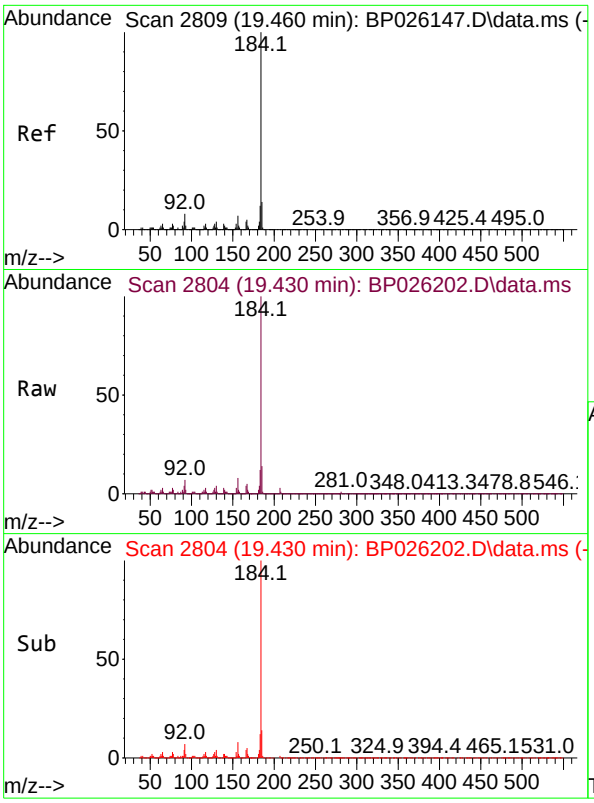




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:240 Resp: 1043295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 9.0 | 13.4 |
| 236 | 25.9 | 20.4 | 30.6 |



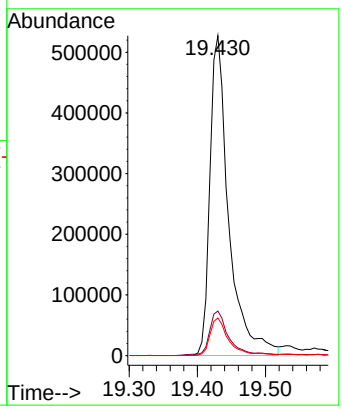


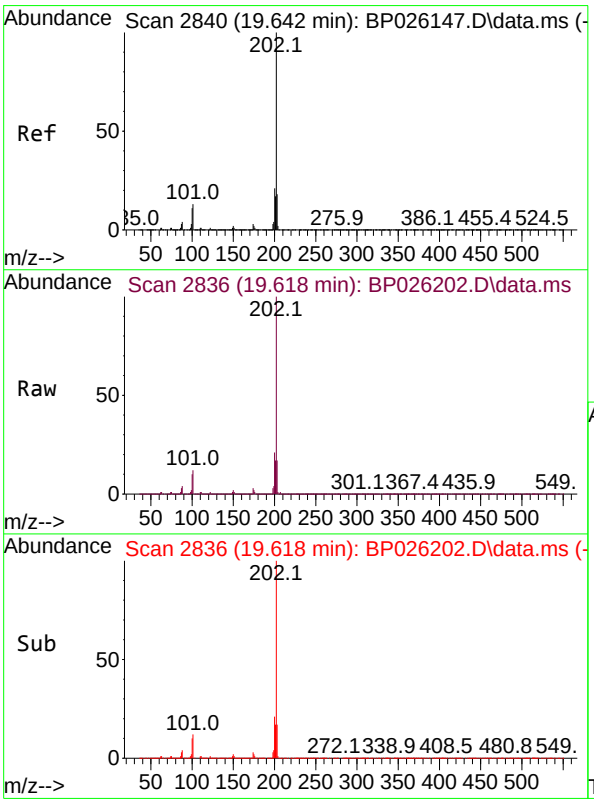

#77
Benzidine
Concen: 30.507 ng
RT: 19.430 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:184 Resp: 1010085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.9 | 11.3 | 16.9 |
| 183 | 11.8 | 9.0 | 13.6 |

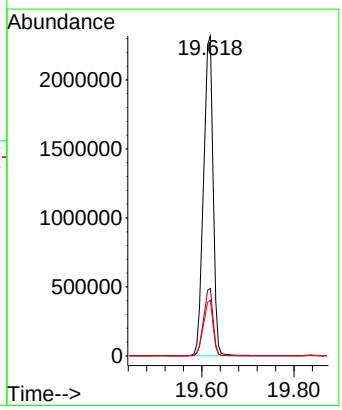


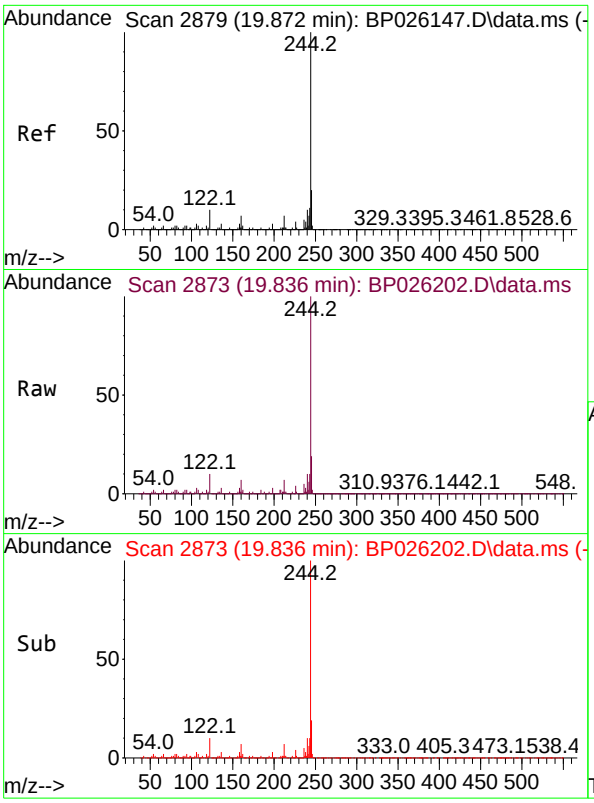




#78
Pyrene
Concen: 48.520 ng
RT: 19.618 min Scan# 2836
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:202 Resp: 3319084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.9 | 25.3 |
| 203 | 17.4 | 13.8 | 20.8 |



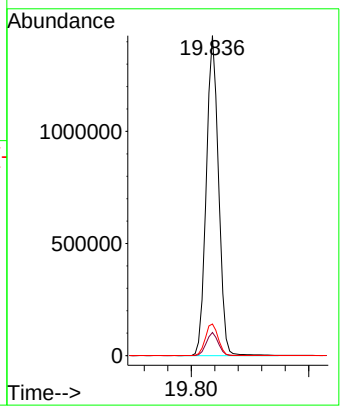


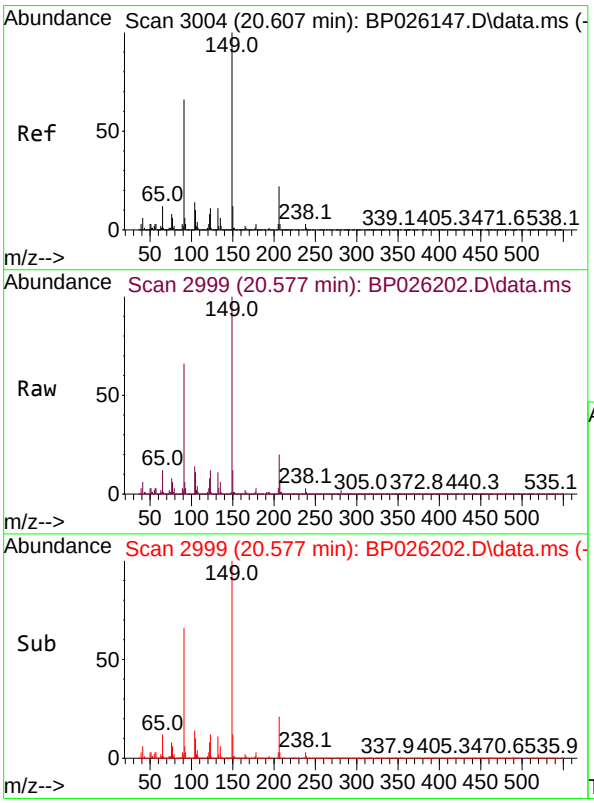

#79
Terphenyl-d14
Concen: 40.393 ng
RT: 19.836 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:244 Resp: 2066748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.8 |
| 122 | 9.9 | 8.2 | 12.2 |

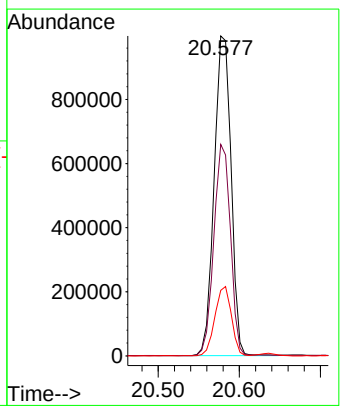


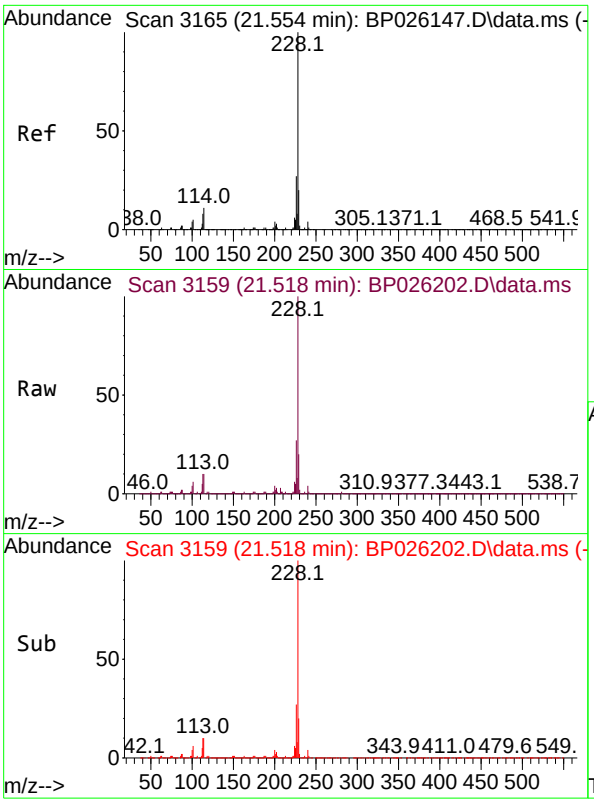




#80
Butylbenzylphthalate
Concen: 47.873 ng
RT: 20.577 min Scan# 2999
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:149 Resp: 1442210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.1 | 52.6 | 79.0 |
| 206 | 20.5 | 16.9 | 25.3 |



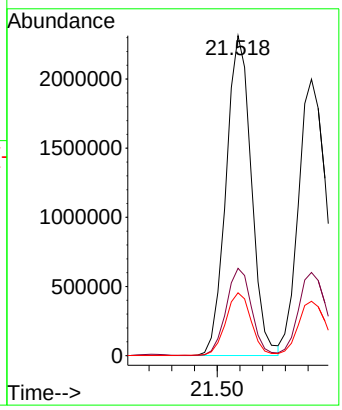


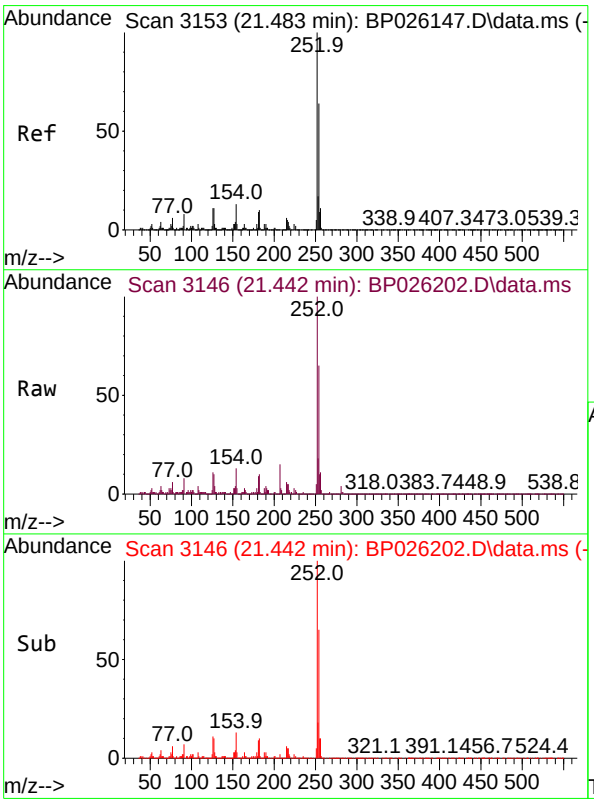

#81
Benzo(a)anthracene
Concen: 49.979 ng
RT: 21.518 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:228 Resp: 3581129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.8 | 32.8 |
| 229 | 19.6 | 15.9 | 23.9 |

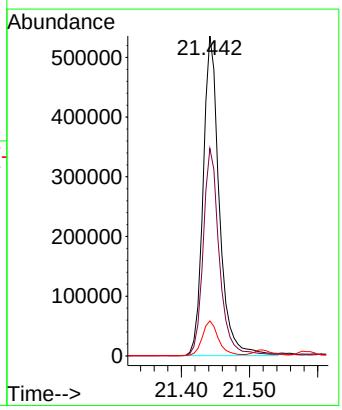


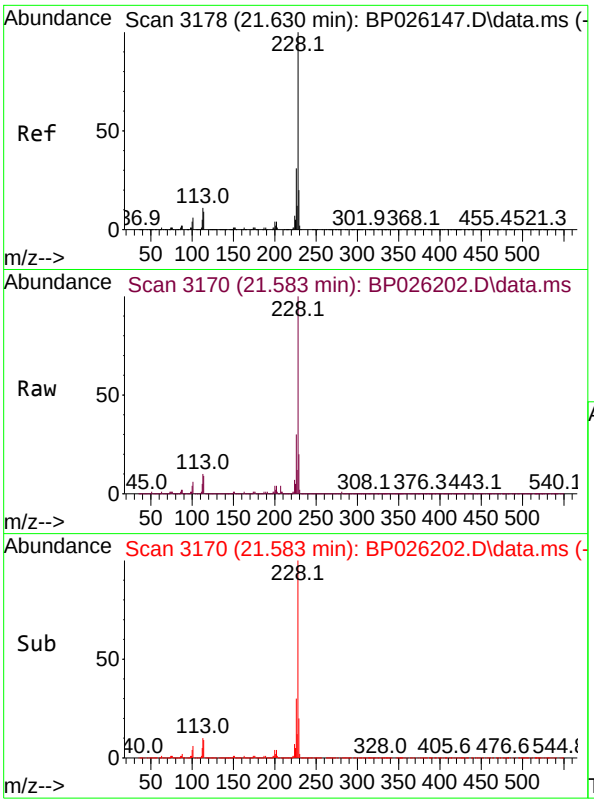




#82
3,3'-Dichlorobenzidine
Concen: 33.933 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:252 Resp: 884166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 51.2 | 76.8 |
| 126 | 10.9 | 8.2 | 12.4 |



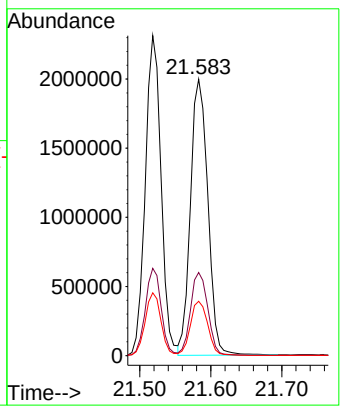


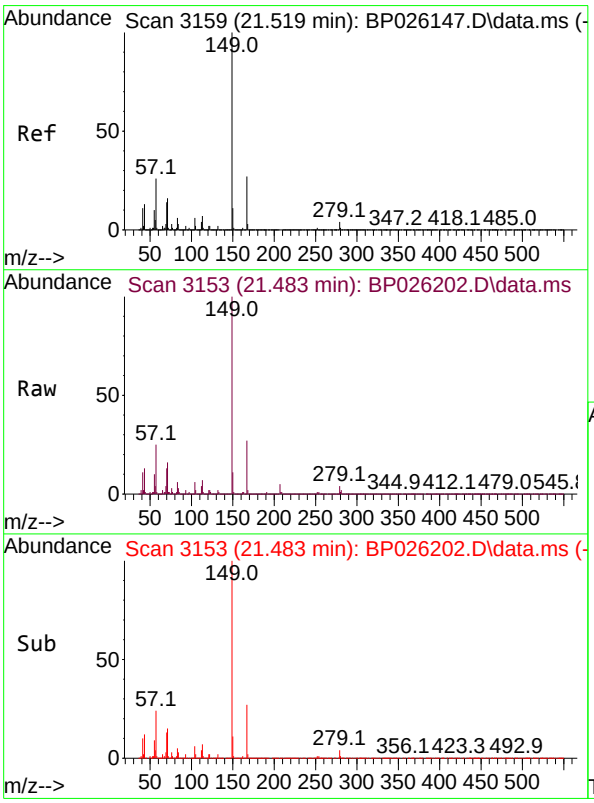

#83
Chrysene
Concen: 50.276 ng
RT: 21.583 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:228 Resp: 3394993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.9 | 35.9 |
| 229 | 19.7 | 15.9 | 23.9 |

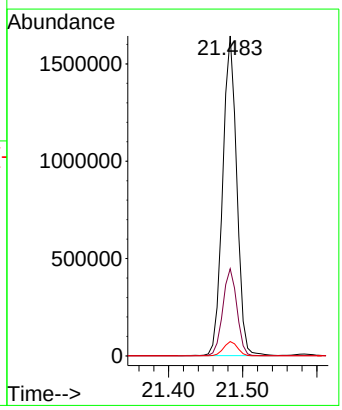


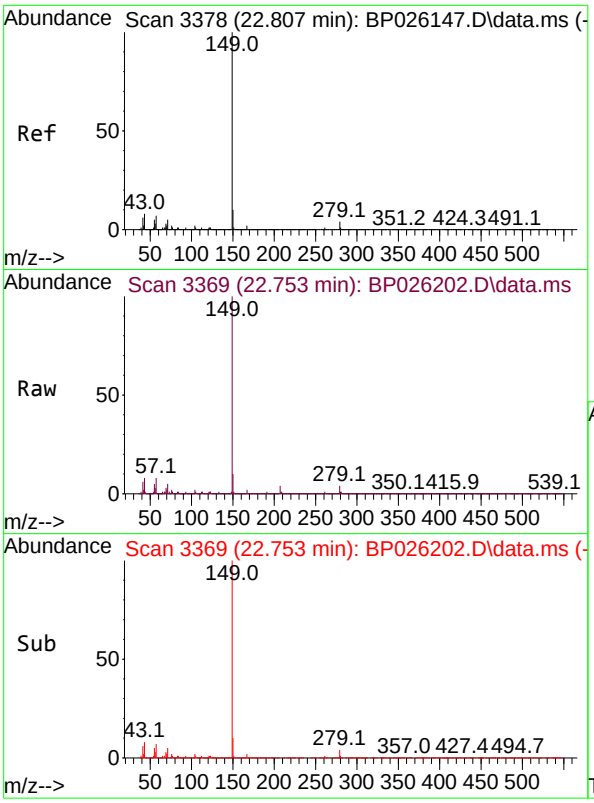




#84
Bis(2-ethylhexyl)phthalate
Concen: 47.497 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:149 Resp: 2166021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.2 | 22.1 | 33.1 |
| 279 | 4.5 | 3.3 | 4.9 |



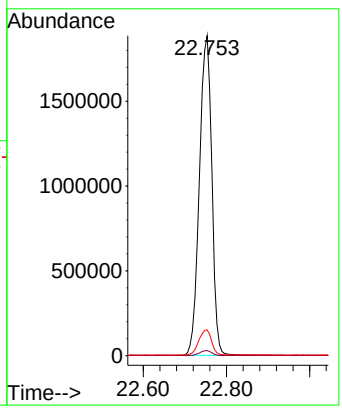


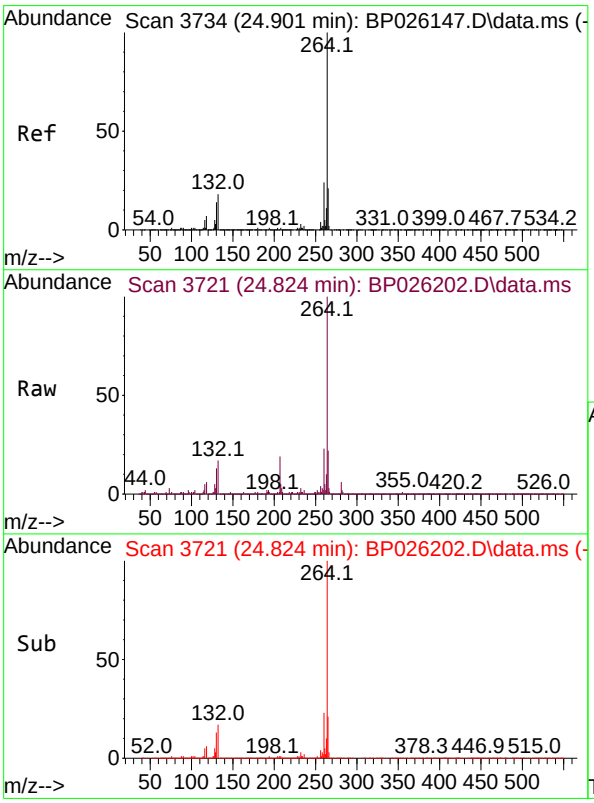

#85
Di-n-octyl phthalate
Concen: 49.010 ng
RT: 22.753 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:149 Resp: 3908126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 8.1 | 6.6 | 10.0 |

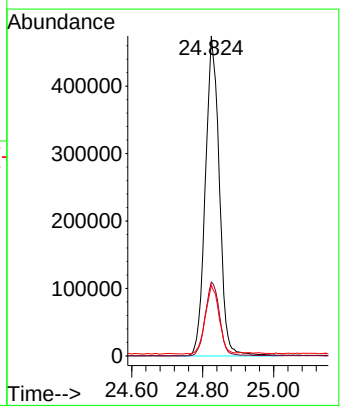


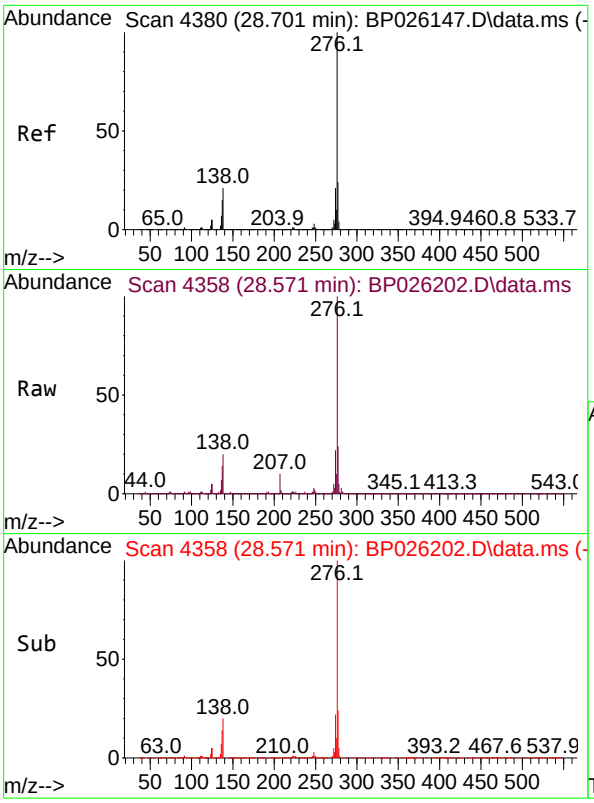




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.082 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:264 Resp: 1293508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.7 | 28.1 |
| 265 | 22.0 | 17.5 | 26.3 |



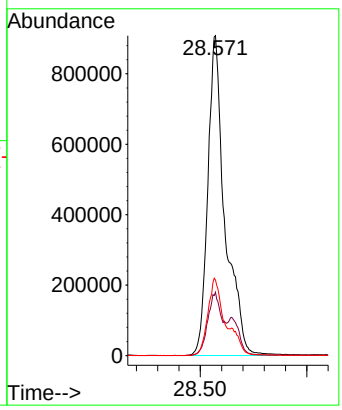


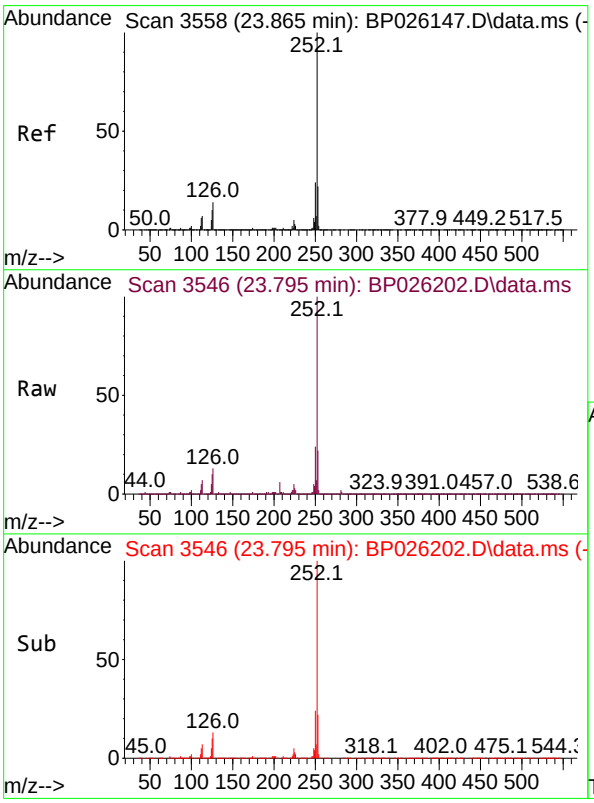

#87
Indeno(1,2,3-cd)pyrene
Concen: 52.356 ng
RT: 28.571 min Scan# 4
Delta R.T. -0.135 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:276 Resp: 5079022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.5 | 13.8 | 20.8 |
| 277 | 21.0 | 16.7 | 25.1 |

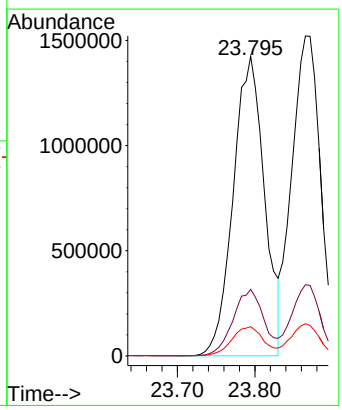


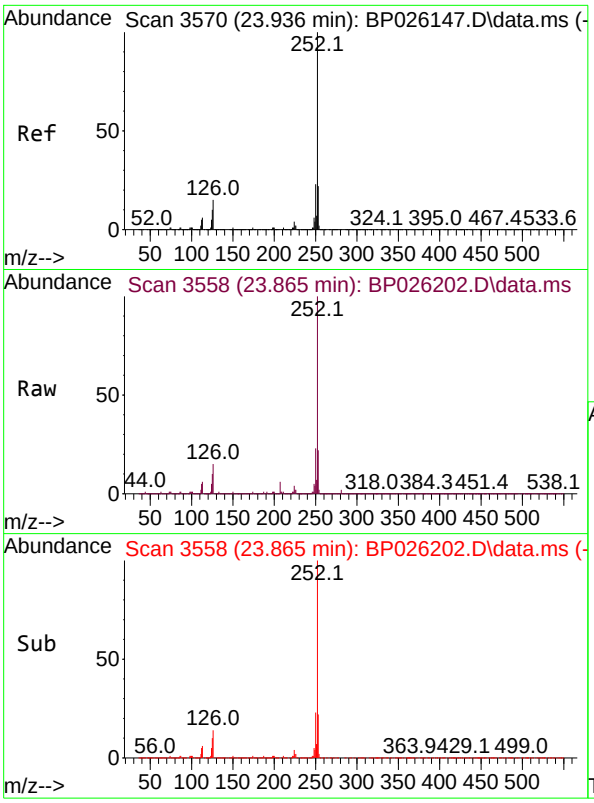




#88
Benzo(b)fluoranthene
Concen: 50.711 ng
RT: 23.795 min Scan# 3546
Delta R.T. -0.071 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:252 Resp: 3994681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 9.8 | 8.2 | 12.4 |



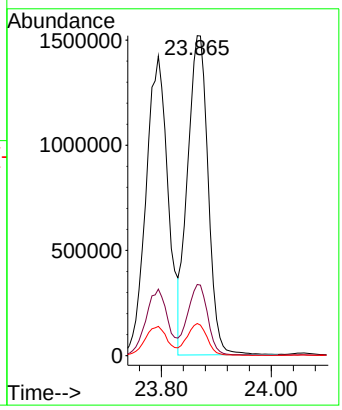


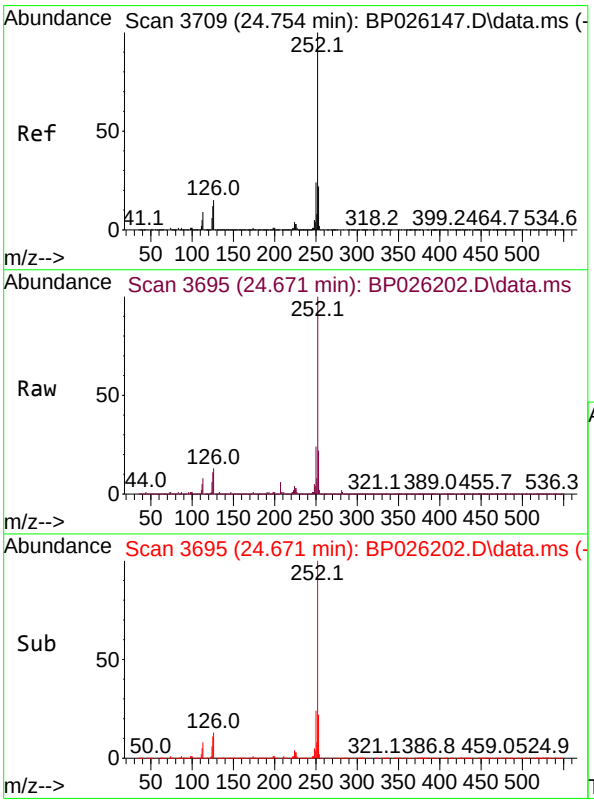

#89
Benzo(k)fluoranthene
Concen: 50.063 ng
RT: 23.865 min Scan# 3
Delta R.T. -0.071 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:252 Resp: 3938879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 10.0 | 7.5 | 11.3 |

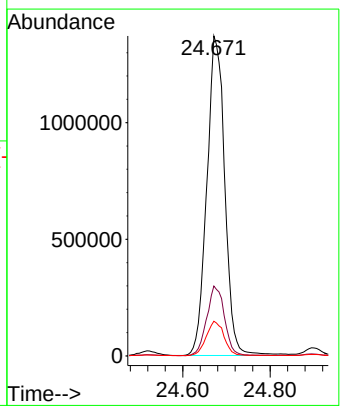


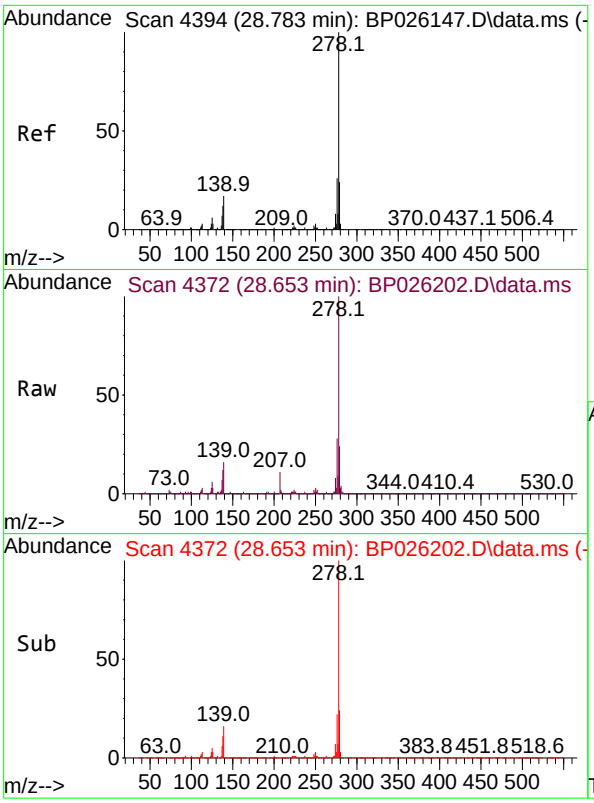




#90
Benzo(a)pyrene
Concen: 52.311 ng
RT: 24.671 min Scan# 3695
Delta R.T. -0.082 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:252 Resp: 3903195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 10.8 | 9.0 | 13.6 |



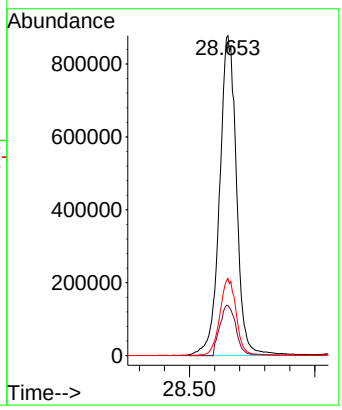


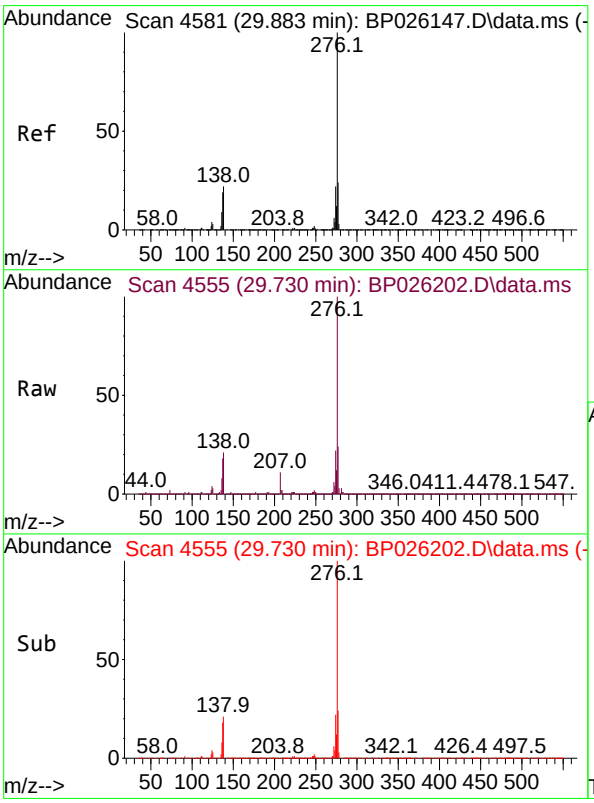

#91
Dibenzo(a,h)anthracene
Concen: 51.705 ng
RT: 28.653 min Scan# 4
Delta R.T. -0.141 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

**Instrument :**
BNA_P
**ClientSampleId :**
SB-1125-15BMSD

Tgt Ion:278 Resp: 4106013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.7 | 13.2 | 19.8 |
| 279 | 24.1 | 19.2 | 28.8 |

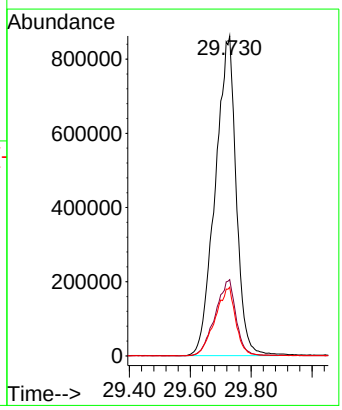



#92
Benzo(g,h,i)perylene
Concen: 51.970 ng
RT: 29.730 min Scan# 4555
Delta R.T. -0.153 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:276 Resp: 4101991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.8 | 28.2 |
| 138 | 21.5 | 17.8 | 26.6 |



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# Manual Integration Report

| Sequence: | BF110525 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC005 | BF144170.D | Benzo(b)fluoranthene | rahul | 11/6/2025 8:43:08 AM | Jagrut | 11/6/2025 10:21:01 AM | Peak Integrated by Software |
| SSTDICV040 | BF144177.D | Benzoic acid | rahul | 11/6/2025 8:43:11 AM | Jagrut | 11/6/2025 10:21:04 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BF112625 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| PB170735BS | BF144360.D | Caprolactam | Jagrut | 12/2/2025 3:51:20 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-01 | BF144363.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:22 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-01 | BF144363.D | Benzo(k)fluoranthene | Jagrut | 12/2/2025 3:51:22 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-02 | BF144364.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:25 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-03 | BF144365.D | Benzo(a)anthracene | Jagrut | 12/2/2025 3:51:27 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-03 | BF144365.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:27 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-03 | BF144365.D | Benzo(k)fluoranthene | Jagrut | 12/2/2025 3:51:27 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-04 | BF144366.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:29 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-05 | BF144367.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:32 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-06 | BF144368.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:34 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-06 | BF144368.D | Chrysene | Jagrut | 12/2/2025 3:51:34 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-07 | BF144369.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:36 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-07 | BF144369.D | Benzo(k)fluoranthene | Jagrut | 12/2/2025 3:51:36 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BF112625 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q3719-08 | BF144370.D | Benzo(a)anthracene | Jagrut | 12/2/2025 3:51:39 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-08 | BF144370.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:39 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-08 | BF144370.D | Benzo(k)fluoranthene | Jagrut | 12/2/2025 3:51:39 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-09 | BF144371.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:42 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-09 | BF144371.D | Benzo(k)fluoranthene | Jagrut | 12/2/2025 3:51:42 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |
| Q3719-12 | BF144375.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 3:51:44 PM | mohammad | 12/3/2025 1:12:43 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BF120125 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDCCC040 | BF144382.D | 2,4-Dimethylphenol | Jagrut | 12/2/2025 4:19:43 PM | mohammad | 12/3/2025 1:12:18 AM | Peak Integrated by Software |
| SSTDCCC040 | BF144382.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 4:19:43 PM | mohammad | 12/3/2025 1:12:18 AM | Peak Integrated by Software |
| SSTDCCC040 | BF144382.D | Benzoic acid | Jagrut | 12/2/2025 4:19:43 PM | mohammad | 12/3/2025 1:12:18 AM | Peak Integrated by Software |
| Q3719-11 | BF144388.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 4:19:47 PM | mohammad | 12/3/2025 1:12:18 AM | Peak Integrated by Software |
| Q3719-11 | BF144388.D | Benzo(k)fluoranthene | Jagrut | 12/2/2025 4:19:47 PM | mohammad | 12/3/2025 1:12:18 AM | Peak Integrated by Software |
| Q3719-11 | BF144388.D | Chrysene | Jagrut | 12/2/2025 4:19:47 PM | mohammad | 12/3/2025 1:12:18 AM | Peak Integrated by Software |
| Q3719-14 | BF144395.D | Benzo(b)fluoranthene | Jagrut | 12/2/2025 4:19:53 PM | mohammad | 12/3/2025 1:12:18 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BF120225 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q3719-13 | BF144413.D | Benzo(b)fluoranthene | Jagrut | 12/3/2025 10:09:32 AM | Sohil | 12/3/2025 3:31:39 PM | Peak Integrated by Software |
| Q3719-13 | BF144413.D | Benzo(k)fluoranthene | Jagrut | 12/3/2025 10:09:32 AM | Sohil | 12/3/2025 3:31:39 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BP111825 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC020 | BP026146.D | Benzo(g,h,i)perylene | Jagrut | 11/19/2025 10:52:52 AM | Sohil | 11/19/2025 3:40:17 PM | Peak Integrated by Software |
| SSTDICC020 | BP026146.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:52 AM | Sohil | 11/19/2025 3:40:17 PM | Peak Integrated by Software |
| SSTDICCC040 | BP026147.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:55 AM | Sohil | 11/19/2025 3:40:19 PM | Peak Integrated by Software |
| SSTDICC060 | BP026149.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:57 AM | Sohil | 11/19/2025 3:40:20 PM | Peak Integrated by Software |
| SSTDICC080 | BP026150.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:59 AM | Sohil | 11/19/2025 3:40:22 PM | Peak Integrated by Software |
| SSTDICV040 | BP026151.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:53:01 AM | Sohil | 11/19/2025 3:40:24 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BP120125 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDCCC040 | BP026197.D | Indeno(1,2,3-cd)pyrene | Jagrut | 12/2/2025 4:11:17 PM | mohammad | 12/3/2025 1:12:23 AM | Peak Integrated by Software |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/5/2025 2:56:50 PM | | | | |
| Supervise By | Jagrut | Supervise On | 11/6/2025 10:21:33 AM | | | | |
| SubDirectory | BF110525 | HP Acquire Method | BNA_F | | HP Processing Method | BF110525 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13181,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BF144168.D | 05 Nov 2025 12:21 | RC/JU | Ok |
| 2 | SSTDICC2.5 | BF144169.D | 05 Nov 2025 12:50 | RC/JU | Ok |
| 3 | SSTDICC005 | BF144170.D | 05 Nov 2025 13:20 | RC/JU | Ok,M |
| 4 | SSTDICC010 | BF144171.D | 05 Nov 2025 13:50 | RC/JU | Ok |
| 5 | SSTDICC020 | BF144172.D | 05 Nov 2025 14:20 | RC/JU | Ok |
| 6 | SSTDICCC040 | BF144173.D | 05 Nov 2025 14:50 | RC/JU | Ok |
| 7 | SSTDICC050 | BF144174.D | 05 Nov 2025 15:49 | RC/JU | Ok |
| 8 | SSTDICC060 | BF144175.D | 05 Nov 2025 16:19 | RC/JU | Ok |
| 9 | SSTDICC080 | BF144176.D | 05 Nov 2025 16:49 | RC/JU | Ok |
| 10 | SSTDICV040 | BF144177.D | 05 Nov 2025 17:21 | RC/JU | Ok,M |
| 11 | PB170372BL | BF144178.D | 05 Nov 2025 18:10 | RC/JU | Ok |

M : Manual Integration

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF112625

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:03:33 PM | | | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:43 AM | | | | |
| SubDirectory | BF112625 | HP Acquire Method | BNA_F | | HP Processing Method | BF110525 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BF144357.D | 26 Nov 2025 13:00 | RC/JU | Ok |
| 2 | SSTDCCC040 | BF144358.D | 26 Nov 2025 13:30 | RC/JU | Ok |
| 3 | PB170735BL | BF144359.D | 26 Nov 2025 14:00 | RC/JU | Ok |
| 4 | PB170735BS | BF144360.D | 26 Nov 2025 14:30 | RC/JU | Ok,M |
| 5 | Q3604-04 | BF144361.D | 26 Nov 2025 15:11 | RC/JU | Ok |
| 6 | Q3604-05 | BF144362.D | 26 Nov 2025 15:41 | RC/JU | Ok |
| 7 | Q3719-01 | BF144363.D | 26 Nov 2025 16:11 | RC/JU | Ok,M |
| 8 | Q3719-02 | BF144364.D | 26 Nov 2025 16:42 | RC/JU | Ok,M |
| 9 | Q3719-03 | BF144365.D | 26 Nov 2025 17:12 | RC/JU | Ok,M |
| 10 | Q3719-04 | BF144366.D | 26 Nov 2025 17:42 | RC/JU | Ok,M |
| 11 | Q3719-05 | BF144367.D | 26 Nov 2025 18:12 | RC/JU | Ok,M |
| 12 | Q3719-06 | BF144368.D | 26 Nov 2025 18:42 | RC/JU | Ok,M |
| 13 | Q3719-07 | BF144369.D | 26 Nov 2025 19:13 | RC/JU | Ok,M |
| 14 | Q3719-08 | BF144370.D | 26 Nov 2025 19:43 | RC/JU | Ok,M |
| 15 | Q3719-09 | BF144371.D | 26 Nov 2025 20:13 | RC/JU | Ok,M |
| 16 | Q3719-10 | BF144372.D | 26 Nov 2025 20:43 | RC/JU | Not Ok |
| 17 | Q3719-10MS | BF144373.D | 26 Nov 2025 21:13 | RC/JU | Not Ok |
| 18 | Q3719-10MSD | BF144374.D | 26 Nov 2025 21:43 | RC/JU | Not Ok |
| 19 | Q3719-12 | BF144375.D | 26 Nov 2025 22:13 | RC/JU | Ok,M |
| 20 | Q3714-01 | BF144376.D | 26 Nov 2025 22:43 | RC/JU | Ok,M |
| 21 | Q3721-01 | BF144377.D | 26 Nov 2025 23:14 | RC/JU | Ok |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF112625

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:03:33 PM | | | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:43 AM | | | | |
| SubDirectory | BF112625 | HP Acquire Method | BNA_F | | HP Processing Method | BF110525 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q3721-01MS | BF144378.D | 26 Nov 2025 23:44 | RC/JU | Ok |
| 23 | Q3721-01MSD | BF144379.D | 27 Nov 2025 00:14 | RC/JU | Ok,M |
| 24 | Q3723-01 | BF144380.D | 27 Nov 2025 00:44 | RC/JU | Ok,M |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF120125

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:27:26 PM | | | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:18 AM | | | | |
| SubDirectory | BF120125 | HP Acquire Method | BNA_F | | | HP Processing Method | BF110525 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BF144381.D | 01 Dec 2025 12:12 | RC/JU | Ok |
| 2 | SSTDCCC040 | BF144382.D | 01 Dec 2025 12:41 | RC/JU | Ok,M |
| 3 | PB170749BL | BF144383.D | 01 Dec 2025 13:13 | RC/JU | Ok |
| 4 | PB170749BS | BF144384.D | 01 Dec 2025 13:42 | RC/JU | Ok |
| 5 | PB170763BL | BF144385.D | 01 Dec 2025 14:11 | RC/JU | Ok |
| 6 | PB170763BS | BF144386.D | 01 Dec 2025 14:40 | RC/JU | Ok |
| 7 | Q3740-01 | BF144387.D | 01 Dec 2025 15:15 | RC/JU | Ok,M |
| 8 | Q3719-11 | BF144388.D | 01 Dec 2025 15:45 | RC/JU | Ok,M |
| 9 | Q3725-04 | BF144389.D | 01 Dec 2025 16:14 | RC/JU | Ok,M |
| 10 | Q3732-01 | BF144390.D | 01 Dec 2025 16:44 | RC/JU | Ok |
| 11 | Q3735-01 | BF144391.D | 01 Dec 2025 17:13 | RC/JU | Ok |
| 12 | Q3735-01MS | BF144392.D | 01 Dec 2025 17:43 | RC/JU | Ok |
| 13 | Q3735-01MSD | BF144393.D | 01 Dec 2025 18:12 | RC/JU | Ok |
| 14 | Q3719-13 | BF144394.D | 01 Dec 2025 18:41 | RC/JU | Not Ok |
| 15 | Q3719-14 | BF144395.D | 01 Dec 2025 19:11 | RC/JU | Ok,M |
| 16 | Q3733-01 | BF144396.D | 01 Dec 2025 19:40 | RC/JU | Ok |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF120225

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/3/2025 10:09:52 AM | | | | |
| Supervise By | Sohil | Supervise On | 12/3/2025 3:31:56 PM | | | | |
| SubDirectory | BF120225 | HP Acquire Method | BNA_F | | HP Processing Method | BF110525 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BF144397.D | 02 Dec 2025 10:31 | RC/JU | Ok |
| 2 | SSTDCCC040 | BF144398.D | 02 Dec 2025 11:00 | RC/JU | Ok |
| 3 | PB170788BL | BF144399.D | 02 Dec 2025 13:16 | RC/JU | Ok |
| 4 | PB170788BS | BF144400.D | 02 Dec 2025 13:47 | RC/JU | Ok |
| 5 | Q3742-01 | BF144401.D | 02 Dec 2025 14:21 | RC/JU | Ok,M |
| 6 | Q3742-03 | BF144402.D | 02 Dec 2025 14:51 | RC/JU | Not Ok |
| 7 | Q3742-07 | BF144403.D | 02 Dec 2025 15:20 | RC/JU | Ok,M |
| 8 | Q3742-08 | BF144404.D | 02 Dec 2025 15:50 | RC/JU | Ok,M |
| 9 | Q3742-09 | BF144405.D | 02 Dec 2025 16:19 | RC/JU | Ok,M |
| 10 | Q3742-17 | BF144406.D | 02 Dec 2025 16:49 | RC/JU | Ok,M |
| 11 | Q3742-18 | BF144407.D | 02 Dec 2025 17:19 | RC/JU | Ok,M |
| 12 | Q3742-16 | BF144408.D | 02 Dec 2025 17:49 | RC/JU | Ok |
| 13 | Q3746-01 | BF144409.D | 02 Dec 2025 18:19 | RC/JU | Ok |
| 14 | Q3750-01 | BF144410.D | 02 Dec 2025 18:49 | RC/JU | Dilution |
| 15 | Q3750-04 | BF144411.D | 02 Dec 2025 19:18 | RC/JU | Ok,M |
| 16 | Q3748-01 | BF144412.D | 02 Dec 2025 19:48 | RC/JU | Ok |
| 17 | Q3719-13 | BF144413.D | 02 Dec 2025 20:18 | RC/JU | Ok,M |

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**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP111825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 11/19/2025 10:53:24 AM | | |
| Supervise By | Sohil | Supervise On | 11/19/2025 3:40:33 PM | | |
| SubDirectory | BP111825 | HP Acquire Method | BNA_P | HP Processing Method | BP111825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13183,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP026142.D | 18 Nov 2025 13:45 | RC/JU | Ok |
| 2 | SSTDICC2.5 | BP026143.D | 18 Nov 2025 14:31 | RC/JU | Ok |
| 3 | SSTDICC005 | BP026144.D | 18 Nov 2025 15:12 | RC/JU | Ok |
| 4 | SSTDICC010 | BP026145.D | 18 Nov 2025 15:54 | RC/JU | Ok |
| 5 | SSTDICC020 | BP026146.D | 18 Nov 2025 16:35 | RC/JU | Ok,M |
| 6 | SSTDICCC040 | BP026147.D | 18 Nov 2025 17:57 | RC/JU | Ok,M |
| 7 | SSTDICC050 | BP026148.D | 18 Nov 2025 18:38 | RC/JU | Ok |
| 8 | SSTDICC060 | BP026149.D | 18 Nov 2025 20:00 | RC/JU | Ok,M |
| 9 | SSTDICC080 | BP026150.D | 18 Nov 2025 21:22 | RC/JU | Ok,M |
| 10 | SSTDICV040 | BP026151.D | 18 Nov 2025 23:25 | RC/JU | Ok,M |
| 11 | PB170493TB | BP026152.D | 19 Nov 2025 00:06 | RC/JU | Ok |

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**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP120125

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:18:26 PM | | | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:23 AM | | | | |
| SubDirectory | BP120125 | HP Acquire Method | BNA_P | | HP Processing Method | BP111825 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP026196.D | 01 Dec 2025 12:48 | RC/JU | Ok |
| 2 | SSTDCCC040 | BP026197.D | 01 Dec 2025 14:09 | RC/JU | Ok,M |
| 3 | PB170743BL | BP026198.D | 01 Dec 2025 14:50 | RC/JU | Ok |
| 4 | PB170743BS | BP026199.D | 01 Dec 2025 15:31 | RC/JU | Ok,M |
| 5 | PB170743BSD | BP026200.D | 01 Dec 2025 16:12 | RC/JU | Ok |
| 6 | Q3719-10MS | BP026201.D | 01 Dec 2025 17:51 | RC/JU | Ok |
| 7 | Q3719-10MSD | BP026202.D | 01 Dec 2025 18:40 | RC/JU | Ok |
| 8 | Q3719-10 | BP026203.D | 01 Dec 2025 19:21 | RC/JU | Ok |
| 9 | Q3716-01 | BP026204.D | 01 Dec 2025 20:02 | RC/JU | Ok,M |
| 10 | Q3716-02 | BP026205.D | 01 Dec 2025 20:43 | RC/JU | Ok |

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

| | | | | | |
|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/5/2025 2:56:50 PM | | |
| Supervise By | Jagrut | Supervise On | 11/6/2025 10:21:33 AM | | |
| SubDirectory | BF110525 | HP Acquire Method | BNA_F | HP Processing Method | BF110525 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13181,10ul/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 | BF144168.D | 05 Nov 2025 12:21 | | RC/JU | Ok |
| 2 | SSTDICC2.5 | SSTDICC2.5 | BF144169.D | 05 Nov 2025 12:50 | | RC/JU | Ok |
| 3 | SSTDICC005 | SSTDICC005 | BF144170.D | 05 Nov 2025 13:20 | | RC/JU | Ok,M |
| 4 | SSTDICC010 | SSTDICC010 | BF144171.D | 05 Nov 2025 13:50 | | RC/JU | Ok |
| 5 | SSTDICC020 | SSTDICC020 | BF144172.D | 05 Nov 2025 14:20 | | RC/JU | Ok |
| 6 | SSTDICCC040 | SSTDICCC040 | BF144173.D | 05 Nov 2025 14:50 | Compound #41 kept on QR | RC/JU | Ok |
| 7 | SSTDICC050 | SSTDICC050 | BF144174.D | 05 Nov 2025 15:49 | | RC/JU | Ok |
| 8 | SSTDICC060 | SSTDICC060 | BF144175.D | 05 Nov 2025 16:19 | | RC/JU | Ok |
| 9 | SSTDICC080 | SSTDICC080 | BF144176.D | 05 Nov 2025 16:49 | | RC/JU | Ok |
| 10 | SSTDICV040 | ICVBF110525 | BF144177.D | 05 Nov 2025 17:21 | | RC/JU | Ok,M |
| 11 | PB170372BL | PB170372BL | BF144178.D | 05 Nov 2025 18:10 | | RC/JU | Ok |

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF112625

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:03:33 PM | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:43 AM | | |
| SubDirectory | BF112625 | HP Acquire Method | BNA_F | HP Processing Method | BF110525 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/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 | BF144357.D | 26 Nov 2025 13:00 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BF144358.D | 26 Nov 2025 13:30 | | RC/JU | Ok |
| 3 | PB170735BL | PB170735BL | BF144359.D | 26 Nov 2025 14:00 | | RC/JU | Ok |
| 4 | PB170735BS | PB170735BS | BF144360.D | 26 Nov 2025 14:30 | | RC/JU | Ok,M |
| 5 | Q3604-04 | S-1 | BF144361.D | 26 Nov 2025 15:11 | | RC/JU | Ok |
| 6 | Q3604-05 | S-2 | BF144362.D | 26 Nov 2025 15:41 | | RC/JU | Ok |
| 7 | Q3719-01 | SB-1125-10A | BF144363.D | 26 Nov 2025 16:11 | | RC/JU | Ok,M |
| 8 | Q3719-02 | SB-1125-10B | BF144364.D | 26 Nov 2025 16:42 | | RC/JU | Ok,M |
| 9 | Q3719-03 | SB-1125-11A | BF144365.D | 26 Nov 2025 17:12 | | RC/JU | Ok,M |
| 10 | Q3719-04 | SB-1125-11B | BF144366.D | 26 Nov 2025 17:42 | | RC/JU | Ok,M |
| 11 | Q3719-05 | SB-1125-12A | BF144367.D | 26 Nov 2025 18:12 | | RC/JU | Ok,M |
| 12 | Q3719-06 | SB-1125-12B | BF144368.D | 26 Nov 2025 18:42 | | RC/JU | Ok,M |
| 13 | Q3719-07 | SB-1125-14A | BF144369.D | 26 Nov 2025 19:13 | | RC/JU | Ok,M |
| 14 | Q3719-08 | SB-1125-14B | BF144370.D | 26 Nov 2025 19:43 | | RC/JU | Ok,M |
| 15 | Q3719-09 | SB-1125-15A | BF144371.D | 26 Nov 2025 20:13 | | RC/JU | Ok,M |
| 16 | Q3719-10 | SB-1125-15B | BF144372.D | 26 Nov 2025 20:43 | Re run | RC/JU | Not Ok |
| 17 | Q3719-10MS | SB-1125-15BMS | BF144373.D | 26 Nov 2025 21:13 | MSD is not ok | RC/JU | Not Ok |
| 18 | Q3719-10MSD | SB-1125-15BMSD | BF144374.D | 26 Nov 2025 21:43 | Many compounds recovery Low | RC/JU | Not Ok |

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF112625

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:03:33 PM | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:43 AM | | |
| SubDirectory | BF112625 | HP Acquire Method | BNA_F | HP Processing Method | BF110525 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3719-12 | SB-1125-16B | BF144375.D | 26 Nov 2025 22:13 | | RC/JU | Ok,M |
| 20 | Q3714-01 | OR-03-11-24-2025 | BF144376.D | 26 Nov 2025 22:43 | | RC/JU | Ok,M |
| 21 | Q3721-01 | EO-2-112525 | BF144377.D | 26 Nov 2025 23:14 | | RC/JU | Ok |
| 22 | Q3721-01MS | EO-2-112525MS | BF144378.D | 26 Nov 2025 23:44 | | RC/JU | Ok |
| 23 | Q3721-01MSD | EO-2-112525MSD | BF144379.D | 27 Nov 2025 00:14 | | RC/JU | Ok,M |
| 24 | Q3723-01 | CC-1-112525 | BF144380.D | 27 Nov 2025 00:44 | | RC/JU | Ok,M |

M : Manual Integration

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

**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF120125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:27:26 PM | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:18 AM | | |
| SubDirectory | BF120125 | HP Acquire Method | BNA_F | HP Processing Method | BF110525 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/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 | BF144381.D | 01 Dec 2025 12:12 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BF144382.D | 01 Dec 2025 12:41 | CCC fail high for compound #9 & #77 | RC/JU | Ok,M |
| 3 | PB170749BL | PB170749BL | BF144383.D | 01 Dec 2025 13:13 | | RC/JU | Ok |
| 4 | PB170749BS | PB170749BS | BF144384.D | 01 Dec 2025 13:42 | | RC/JU | Ok |
| 5 | PB170763BL | PB170763BL | BF144385.D | 01 Dec 2025 14:11 | | RC/JU | Ok |
| 6 | PB170763BS | PB170763BS | BF144386.D | 01 Dec 2025 14:40 | | RC/JU | Ok |
| 7 | Q3740-01 | WC1 | BF144387.D | 01 Dec 2025 15:15 | | RC/JU | Ok,M |
| 8 | Q3719-11 | SB-1125-16A | BF144388.D | 01 Dec 2025 15:45 | | RC/JU | Ok,M |
| 9 | Q3725-04 | STOCKPILE-SAMPLES | BF144389.D | 01 Dec 2025 16:14 | | RC/JU | Ok,M |
| 10 | Q3732-01 | HD-01-11-26-2025 | BF144390.D | 01 Dec 2025 16:44 | | RC/JU | Ok |
| 11 | Q3735-01 | BU-3-112625 | BF144391.D | 01 Dec 2025 17:13 | | RC/JU | Ok |
| 12 | Q3735-01MS | BU-3-112625MS | BF144392.D | 01 Dec 2025 17:43 | | RC/JU | Ok |
| 13 | Q3735-01MSD | BU-3-112625MSD | BF144393.D | 01 Dec 2025 18:12 | | RC/JU | Ok |
| 14 | Q3719-13 | SB-1125-17A | BF144394.D | 01 Dec 2025 18:41 | Need Straight Run | RC/JU | Not Ok |
| 15 | Q3719-14 | SB-1125-17B | BF144395.D | 01 Dec 2025 19:11 | | RC/JU | Ok,M |
| 16 | Q3733-01 | SU-04-11-26-2025 | BF144396.D | 01 Dec 2025 19:40 | Double IS added | RC/JU | Ok |

M : Manual Integration

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF120225

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/3/2025 10:09:52 AM | | |
| Supervise By | Sohil | Supervise On | 12/3/2025 3:31:56 PM | | |
| SubDirectory | BF120225 | HP Acquire Method | BNA_F | HP Processing Method | BF110525 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC | SP6860 |
| Internal Standard/PEM | S13184,10ul/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 | BF144397.D | 02 Dec 2025 10:31 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BF144398.D | 02 Dec 2025 11:00 | | RC/JU | Ok |
| 3 | PB170788BL | PB170788BL | BF144399.D | 02 Dec 2025 13:16 | | RC/JU | Ok |
| 4 | PB170788BS | PB170788BS | BF144400.D | 02 Dec 2025 13:47 | | RC/JU | Ok |
| 5 | Q3742-01 | SB-1125-23 | BF144401.D | 02 Dec 2025 14:21 | | RC/JU | Ok,M |
| 6 | Q3742-03 | SB-1125-8 | BF144402.D | 02 Dec 2025 14:51 | Hit of # 09 (Below CRQL) | RC/JU | Not Ok |
| 7 | Q3742-07 | SB-1125-18 | BF144403.D | 02 Dec 2025 15:20 | | RC/JU | Ok,M |
| 8 | Q3742-08 | SB-1125-20 | BF144404.D | 02 Dec 2025 15:50 | | RC/JU | Ok,M |
| 9 | Q3742-09 | SB-1125-22 | BF144405.D | 02 Dec 2025 16:19 | | RC/JU | Ok,M |
| 10 | Q3742-17 | SB-1125-25 | BF144406.D | 02 Dec 2025 16:49 | | RC/JU | Ok,M |
| 11 | Q3742-18 | SB-1125-24 | BF144407.D | 02 Dec 2025 17:19 | | RC/JU | Ok,M |
| 12 | Q3742-16 | SB-1125-1 | BF144408.D | 02 Dec 2025 17:49 | | RC/JU | Ok |
| 13 | Q3746-01 | ROW | BF144409.D | 02 Dec 2025 18:19 | | RC/JU | Ok |
| 14 | Q3750-01 | FENCE WC-1 | BF144410.D | 02 Dec 2025 18:49 | Need 5X Dilution | RC/JU | Dilution |
| 15 | Q3750-04 | FENCE WC-2 | BF144411.D | 02 Dec 2025 19:18 | | RC/JU | Ok,M |
| 16 | Q3748-01 | AU-05-12-1-2025 | BF144412.D | 02 Dec 2025 19:48 | Internal Standard Fail | RC/JU | Ok |
| 17 | Q3719-13 | SB-1125-17A | BF144413.D | 02 Dec 2025 20:18 | Internal Standard Fail | RC/JU | Ok,M |

M : Manual Integration

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**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP111825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 11/19/2025 10:53:24 AM | | |
| Supervise By | Sohil | Supervise On | 11/19/2025 3:40:33 PM | | |
| SubDirectory | BP111825 | HP Acquire Method | BNA_P | HP Processing Method | BP111825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13183,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BP026142.D | 18 Nov 2025 13:45 | | RC/JU | Ok |
| 2 | SSTDICC2.5 | SSTDICC2.5 | BP026143.D | 18 Nov 2025 14:31 | | RC/JU | Ok |
| 3 | SSTDICC005 | SSTDICC005 | BP026144.D | 18 Nov 2025 15:12 | | RC/JU | Ok |
| 4 | SSTDICC010 | SSTDICC010 | BP026145.D | 18 Nov 2025 15:54 | | RC/JU | Ok |
| 5 | SSTDICC020 | SSTDICC020 | BP026146.D | 18 Nov 2025 16:35 | | RC/JU | Ok,M |
| 6 | SSTDICCC040 | SSTDICCC040 | BP026147.D | 18 Nov 2025 17:57 | | RC/JU | Ok,M |
| 7 | SSTDICC050 | SSTDICC050 | BP026148.D | 18 Nov 2025 18:38 | | RC/JU | Ok |
| 8 | SSTDICC060 | SSTDICC060 | BP026149.D | 18 Nov 2025 20:00 | | RC/JU | Ok,M |
| 9 | SSTDICC080 | SSTDICC080 | BP026150.D | 18 Nov 2025 21:22 | | RC/JU | Ok,M |
| 10 | SSTDICV040 | ICVBP111825 | BP026151.D | 18 Nov 2025 23:25 | | RC/JU | Ok,M |
| 11 | PB170493TB | PB170493TB | BP026152.D | 19 Nov 2025 00:06 | | RC/JU | Ok |

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Fax : 908 789 8922

**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP120125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:18:26 PM | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:23 AM | | |
| SubDirectory | BP120125 | HP Acquire Method | BNA_P | HP Processing Method | BP111825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BP026196.D | 01 Dec 2025 12:48 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BP026197.D | 01 Dec 2025 14:09 | | RC/JU | Ok,M |
| 3 | PB170743BL | PB170743BL | BP026198.D | 01 Dec 2025 14:50 | | RC/JU | Ok |
| 4 | PB170743BS | PB170743BS | BP026199.D | 01 Dec 2025 15:31 | | RC/JU | Ok,M |
| 5 | PB170743BSD | PB170743BSD | BP026200.D | 01 Dec 2025 16:12 | | RC/JU | Ok |
| 6 | Q3719-10MS | SB-1125-15BMS | BP026201.D | 01 Dec 2025 17:51 | | RC/JU | Ok |
| 7 | Q3719-10MSD | SB-1125-15BMSD | BP026202.D | 01 Dec 2025 18:40 | | RC/JU | Ok |
| 8 | Q3719-10 | SB-1125-15B | BP026203.D | 01 Dec 2025 19:21 | | RC/JU | Ok |
| 9 | Q3716-01 | MW5 | BP026204.D | 01 Dec 2025 20:02 | | RC/JU | Ok,M |
| 10 | Q3716-02 | MW3 | BP026205.D | 01 Dec 2025 20:43 | | RC/JU | Ok |

M : Manual Integration

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 11/26/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:40
**In Date:** 11/25/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:25
**Out Date:** 11/26/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB138040

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3604-04 | S-1 | 1 | 1.15 | 10.36 | 11.51 | 9.73 | 82.8 | |
| Q3604-05 | S-2 | 2 | 1.13 | 10.26 | 11.39 | 9.62 | 82.7 | |
| Q3719-01 | SB-1125-10A | 3 | 1.15 | 10.90 | 12.05 | 9.46 | 76.2 | |
| Q3719-02 | SB-1125-10B | 4 | 1.18 | 10.16 | 11.34 | 9.97 | 86.5 | |
| Q3719-03 | SB-1125-11A | 5 | 1.13 | 10.69 | 11.82 | 9.71 | 80.3 | |
| Q3719-04 | SB-1125-11B | 6 | 1.19 | 10.22 | 11.41 | 10.31 | 89.2 | |
| Q3719-05 | SB-1125-12A | 7 | 1.16 | 10.46 | 11.62 | 8.25 | 67.8 | |
| Q3719-06 | SB-1125-12B | 8 | 1.19 | 10.43 | 11.62 | 10.3 | 87.3 | |
| Q3719-07 | SB-1125-14A | 9 | 1.18 | 10.41 | 11.59 | 9.86 | 83.4 | |
| Q3719-08 | SB-1125-14B | 10 | 1.18 | 10.94 | 12.12 | 10.84 | 88.3 | |
| Q3719-09 | SB-1125-15A | 11 | 1.11 | 10.78 | 11.89 | 10.52 | 87.3 | |
| Q3719-10 | SB-1125-15B | 12 | 1.18 | 10.28 | 11.46 | 10.37 | 89.4 | |
| Q3719-11 | SB-1125-16A | 13 | 1.19 | 10.48 | 11.67 | 10.41 | 88.0 | |
| Q3719-12 | SB-1125-16B | 14 | 1.14 | 10.62 | 11.76 | 10.77 | 90.7 | |
| Q3719-13 | SB-1125-17A | 15 | 1.18 | 10.86 | 12.04 | 10.55 | 86.3 | |
| Q3719-14 | SB-1125-17B | 16 | 1.13 | 10.10 | 11.23 | 9.64 | 84.3 | |
| Q3719-14D | SB-1125-17BDUP | 17 | 1.15 | 10.10 | 11.25 | 9.63 | 84.0 | |
| Q3721-01 | EO-2-112525 | 18 | 1.14 | 10.28 | 11.42 | 10.57 | 91.7 | |
| Q3721-02 | EO-2-112525-E2 | 19 | 1.16 | 10.19 | 11.35 | 10.55 | 92.1 | |
| Q3723-01 | CC-1-112525 | 20 | 1.12 | 10.65 | 11.77 | 10.93 | 92.1 | |
| Q3723-02 | CC-1-112525-E2 | 21 | 1.16 | 10.33 | 11.49 | 10.62 | 91.6 | |
| Q3726-01 | 112125-A | 22 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q3726-02 | 112125-B | 23 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

VB7138040

**WorkList Name :** %1-112525 **WorkList ID :** 193343 **Department :** Wet-Chemistry **Date :** 11-25-2025 10:19:33

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3604-04 | S-1 | Solid | Percent Solids | Cool 4 deg C | ROMA02 | D41 | 11/10/2025 | Chemtech -SO |
| Q3604-05 | S-2 | Solid | Percent Solids | Cool 4 deg C | ROMA02 | D41 | 11/10/2025 | Chemtech -SO |
| Q3719-01 | SB-1125-10A | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-02 | SB-1125-10B | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-03 | SB-1125-11A | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-04 | SB-1125-11B | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-05 | SB-1125-12A | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-06 | SB-1125-12B | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-07 | SB-1125-14A | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-08 | SB-1125-14B | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-09 | SB-1125-15A | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-10 | SB-1125-15B | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-11 | SB-1125-16A | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-12 | SB-1125-16B | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-13 | SB-1125-17A | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3719-14 | SB-1125-17B | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3721-01 | EO-2-112525 | Solid | Percent Solids | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | Chemtech -SO |
| Q3721-02 | EO-2-112525-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D31 | 11/26/2025 | Chemtech -SO |
| Q3723-01 | CC-1-112525 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D31 | 11/26/2025 | Chemtech -SO |
| Q3723-02 | CC-1-112525-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | --Sele | 11/25/2025 | Chemtech -SO |
| Q3726-01 | 112125-A | Solid | Percent Solids | Cool 4 deg C | PSEG05 | --Sele | 11/25/2025 | Chemtech -SO |
| | | | | | PSEG03 | A11 | 11/25/2025 | Chemtech -SO |

**Date/Time** 11.25.25 15:20

**Raw Sample Received by:** SD WDC

**Raw Sample Relinquished by:** RJ CEXL-WDC

**Date/Time** 11-25-25 17:45

**Raw Sample Received by:** RJ CEXL-WDC

**Raw Sample Relinquished by:** SD WDC

# WORKLIST(Hardcopy Internal Chain)

VB 138040

**WorkList Name :** %1-112525 **WorkList ID :** 193343 **Department :** Wet-Chemistry **Date :** 11-25-2025 10:19:33

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3726-02 | 112125-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A11 | 11/25/2025 | Chemtech -SO |

**Date/Time** 11.25.25 15:20

**Raw Sample Received by:** JB WSC

**Raw Sample Relinquished by:** RJ (EXT-Cells)



**Date/Time** 11.25.25 17:45

**Raw Sample Received by:** RJ (EXT-Cells)

**Raw Sample Relinquished by:** JB WSC

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB170735

**SOP ID:** M3541-ASE Extraction-15

**Clean Up SOP #:** N/A

**Matrix :** Solid

**Weigh By:** EH

**Balance check:** EH

**Balance ID:** EX-SC-2

**pH Strip Lot#:** N/A

**Extraction By:** RJ

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 3,7

**Extraction Start Date :** 11/25/2025

**Extraction Start Time :** 14:15

**Extraction End Date :** 11/25/2025

**Extraction End Time :** 17:25

**Concentration By:** EH

**Supervisor By :** RUPESH

**Extraction Method:** ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

| Standared Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---|---|---|---|
| Spike Sol 1 | 1.0ML | 50/100 PPM | SP6895 |
| Surrogate | 1.0ML | 100/150 PPM | SP6918 |
| 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 | EP2659 |
| Baked Na2SO4 | N/A | EP2663 |
| Sand | N/A | E3951 |
| Methylene Chloride | N/A | E3986 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

1.5ML Vial Lot # 2210443. Q3604-04,05 Extracted out of holding times.

**KD Bath ID:** N/A

**KD Bath Temperature:** N/A

**Envap ID:** N-EVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 11/25/25 | RS (Ext-lab) | RC/PestPCB |
| 17:30 | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB170735**

**Analytical Method:** M3541-ASE Extraction-15 **Concentration Date:** 11/25/2025

| Sample ID | Client Sample ID | Test | g/ mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB170735BL | SBLK735 | SVOC-TCL BNA -20 | 30.01 | N/A | ritesh | Evelyn | 1 | | | U1-1 |
| PB170735BS | SLCS735 | SVOC-TCL BNA -20 | 30.03 | N/A | ritesh | Evelyn | 1 | | | 2 |
| Q3604-04 | S-1 | SVOC-TCL BNA -20 | 50.02 | N/A | ritesh | Evelyn | 1 | A | | 3 |
| Q3604-05 | S-2 | SVOC-TCL BNA -20 | 50.07 | N/A | ritesh | Evelyn | 1 | A | | 4 |
| Q3714-01 | OR-03-11-24-2025 | SVOC-TCL BNA -20 | 30.08 | N/A | ritesh | Evelyn | 1 | E | | 5 |
| Q3719-01 | SB-1125-10A | SVOC-TCL BNA -20 | 30.04 | N/A | ritesh | Evelyn | 1 | E | | 6 |
| Q3719-02 | SB-1125-10B | SVOC-TCL BNA -20 | 30.02 | N/A | ritesh | Evelyn | 1 | E | | U2-1 |
| Q3719-03 | SB-1125-11A | SVOC-TCL BNA -20 | 30.05 | N/A | ritesh | Evelyn | 1 | E | | 2 |
| Q3719-04 | SB-1125-11B | SVOC-TCL BNA -20 | 30.07 | N/A | ritesh | Evelyn | 1 | E | | 3 |
| Q3719-05 | SB-1125-12A | SVOC-TCL BNA -20 | 30.01 | N/A | ritesh | Evelyn | 1 | E | | 4 |
| Q3719-06 | SB-1125-12B | SVOC-TCL BNA -20 | 30.03 | N/A | ritesh | Evelyn | 1 | E | | 5 |
| Q3719-07 | SB-1125-14A | SVOC-TCL BNA -20 | 30.06 | N/A | ritesh | Evelyn | 1 | E | | 6 |
| Q3719-08 | SB-1125-14B | SVOC-TCL BNA -20 | 30.08 | N/A | ritesh | Evelyn | 1 | E | | U3-1 |
| Q3719-09 | SB-1125-15A | SVOC-TCL BNA -20 | 30.04 | N/A | ritesh | Evelyn | 1 | E | | 2 |
| Q3719-10 | SB-1125-15B | SVOC-TCL BNA -20 | 30.09 | N/A | ritesh | Evelyn | 1 | E | | 3 |
| Q3719-10MS | SB-1125-15BMS | SVOC-TCL BNA -20 | 30.03 | N/A | ritesh | Evelyn | 1 | E | | 4 |
| Q3719-10MSD | SB-1125-15BMSD | SVOC-TCL BNA -20 | 30.05 | N/A | ritesh | Evelyn | 1 | E | | 5 |
| Q3719-11 | SB-1125-16A | SVOC-TCL BNA -20 | 30.07 | N/A | ritesh | Evelyn | 1 | E | | 6 |
| Q3719-12 | SB-1125-16B | SVOC-TCL BNA -20 | 30.04 | N/A | ritesh | Evelyn | 1 | E | | U6-1 |
| Q3719-13 | SB-1125-17A | SVOC-TCL BNA -20 | 30.08 | N/A | ritesh | Evelyn | 1 | E | | 2 |
| Q3719-14 | SB-1125-17B | SVOC-TCL BNA -20 | 30.06 | N/A | ritesh | Evelyn | 1 | E | | 3 |

RS
11/25

* **Extracts relinquished on the same date as received.**

170732 14:15

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q3604 **WorkList ID :** 193346 **Department :** Extraction **Date :** 11-25-2025 14:10:04

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3604-04 | S-1 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | ROMA02 | D41 | 11/10/2025 | 8270E |
| Q3604-05 | S-2 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | ROMA02 | D41 | 11/10/2025 | 8270E |
| Q3714-01 | OR-03-11-24-2025 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG05 | E12 | 11/24/2025 | 8270E |
| Q3719-01 | SB-1125-10A | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-02 | SB-1125-10B | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-03 | SB-1125-11A | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-04 | SB-1125-11B | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-05 | SB-1125-12A | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-06 | SB-1125-12B | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-07 | SB-1125-14A | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-08 | SB-1125-14B | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-09 | SB-1125-15A | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-10 | SB-1125-15B | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-11 | SB-1125-16A | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-12 | SB-1125-16B | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-13 | SB-1125-17A | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |
| Q3719-14 | SB-1125-17B | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | REMI01 | D51 | 11/25/2025 | 8270E |

**Date/Time** 11/25/25 14:10
**Raw Sample Received by:** RJ (ExtLab)
**Raw Sample Relinquished by:** SH



**Date/Time** 11/25/25 14:40
**Raw Sample Received by:** SH
**Raw Sample Relinquished by:** RJ (ExtLab)

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. / QUOTE NO. Q3719
COC Number 2047312

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington + Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: Saddler Property
PROJECT NO.: 04001.003 LOCATION: Camden, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

## CLIENT BILLING INFORMATION

BILL TO: AP Invoices@RVE.com PO#:
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson PHONE: 609-682-3049

## DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard 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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☑ EDD FORMAT NJ HazSite

## ANALYSIS

1: TAL/TCL+30 2: VOCs 3: Cyanide 4: EPH Ca+2 (confirm) 5: 6: 7: 8: 9:

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | E | F | E | E | | | | | | ← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER Encore |
| 1. | SB-1125-10A | Soil | | X | 11/24/25 | 1440 | 7 | 3 | 3 | 3 | 1 | | | | | | 3 Encores = F |
| 2. | SB-1125-10B | Soil | | X | 11/24/25 | 1500 | 7 | 3 | 3 | | 1 | | | | | | |
| 3. | SB-1125-11A | Soil | | X | 11/24/25 | 1405 | 7 | 3 | 3 | | 1 | | | | | | |
| 4. | SB-1125-11B | Soil | | X | 11/24/25 | 1415 | 7 | 3 | 3 | | 1 | | | | | | |
| 5. | SB-1125-12A | Soil | | X | 11/24/25 | 1220 | 7 | 3 | 3 | | 1 | | | | | | |
| 6. | SB-1125-12B | Soil | | X | 11/24/25 | 1230 | 7 | 3 | 3 | | 1 | | | | | | |
| 7. | SB-1125-14A | Soil | | X | 11/24/25 | 1615 | 7 | 3 | 3 | | 1 | | | | | | |
| 8. | SB-1125-14B | Soil | | X | 11/24/25 | 1620 | 7 | 3 | 3 | | 1 | | | | | | |
| 9. | SB-1125-15A | Soil | | X | 11/24/25 | 1540 | 7 | 3 | 3 | | 1 | | | | | | |
| 10. | SB-1125-15B | Soil | | X | 11/24/25 | 1555 | 7 | 3 | 3 | | 1 | | | | | | |

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. Marc Carell 4QVC | 11/25/2025 | 1. 1025 11-25-25 |
| 2. | | 2. |
| 3. | 1155 11-25-25 | 3. |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: VOCs + Cyanid w/ TAL/TCL +30

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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# Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q3719
QUOTE NO.
COC Number 2047313

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington + Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: Saddle Property
PROJECT NO.: 04000003 LOCATION: Camden, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

## CLIENT BILLING INFORMATION

BILL TO: APInvoices@RVE.com PO#:
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson PHONE: 609-682-3049

## DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard 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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☑ EDD FORMAT NJ Hazsite

## ANALYSIS

1: TAL/TCL +30
2: VOCs
3: Cyanide
4: EPH Ca+2 (non Grossa)
5:
6:
7:
8:
9:

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | E | F | E | E | | | | | | ← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER |
| 1. | SB-1125-16A | Soil | | X | 11/24/25 | 1340 | 7 | 3 | 3 | | 1 | | | | | | F = Encores |
| 2. | SB-1125-16B | Soil | | X | 11/24/25 | 1355 | 7 | 3 | 3 | | 1 | | | | | | |
| 3. | SB-1125-17A | Soil | | X | 11/24/25 | 1515 | 7 | 3 | 3 | | 1 | | | | | | |
| 4. | SB-1125-17B | Soil | | X | 11/24/25 | 1530 | 7 | 3 | 3 | | 1 | | | | | | |
| 5. | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: | DATE/TIME: |
|---|---|---|---|
| 1. Marco Conulli @ RVE | 11/25/2025 800 | 1. | 11-25-25 1025 |
| 2. | | 2. | |
| 3. | 11-25-25 1155 | 3. | |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: VOCs + Cyanide w/ TAL/TCL +30

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| | |
| Connecticut | PH-0830 |
| | |
| DOD ELAP (ANAB) | L2219 |
| | |
| Maine | 2024021 |
| | |
| Maryland | 296 |
| | |
| New Hampshire | 255425 |
| | |
| New Jersey | 20012 |
| | |
| New York | 11376 |
| | |
| Pennsylvania | 68-00548 |
| | |
| Soil Permit | 525-24-234-08441 |
| | |
| Texas | TX-C25-00189 |
| | |
| Virginia | 460312 |

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3719 REMI01
**Client Name :** Remington & Vernick
**Client Contact :** Justin Zarzecki
**Invoice Name :** Remington & Vernick
**Invoice Contact :** Justin Zarzecki

**Order Date :** 11/25/2025 11:38:47 AM
**Project Name :** ~~Sadler~~ Saddler Property
**Receive DateTime :** 11/25/2025 11:55:00 AM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 1
**EDD Type :** ~~EXCEL NJCLEANUP~~
**Hard Copy Date :** MT Redmed
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3719-01 | SB-1125-10A | Solid | 11/25/2025 24 | 14:40 | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | | 10 Bus. Days |
| Q3719-02 | SB-1125-10B | Solid | 11/25/2025 24 | 15:00 | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | | 10 Bus. Days |
| Q3719-03 | SB-1125-11A | Solid | 11/25/2025 24 | 14:05 | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | | 10 Bus. Days |
| Q3719-04 | SB-1125-11B | Solid | 11/25/2025 24 | 14:15 | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | | 10 Bus. Days |
| Q3719-05 | SB-1125-12A | Solid | 11/25/2025 24 | 12:20 | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | | 10 Bus. Days |
| Q3719-06 | SB-1125-12B | Solid | 11/25/2025 24 | 12:30 | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | | 10 Bus. Days |
| Q3719-07 | SB-1125-14A | Solid | 11/25/2025 24 | 16:15 | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | | 10 Bus. Days |
| Q3719-08 | SB-1125-14B | Solid | 11/25/2025 24 | 16:20 | | | | | |

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3719 REMI01
**Client Name :** Remington & Vernick
**Client Contact :** Justin Zarzecki
**Invoice Name :** Remington & Vernick
**Invoice Contact :** Justin Zarzecki

**Order Date :** 11/25/2025 11:38:47 AM
**Project Name :** Sadler Property
**Receive DateTime :** 11/25/2025 11:55:00 AM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 1
**EDD Type :** ~~EXCEL-NJCLEANUP~~
**Hard Copy Date :** MJ Reduced
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | 10 Bus. Days | |
| Q3719-09 | SB-1125-15A | Solid | 11/25/2025 24 | 15:40 | | | | | |
| | | | | | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | 10 Bus. Days | |
| Q3719-10 | SB-1125-15B | Solid | 11/25/2025 24 | 15:55 | | | | | |
| | | | | | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | 10 Bus. Days | |
| Q3719-11 | SB-1125-16A | Solid | 11/25/2025 24 | 13:40 | | | | | |
| | | | | | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | 10 Bus. Days | |
| Q3719-12 | SB-1125-16B | Solid | 11/25/2025 24 | 13:55 | | | | | |
| | | | | | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | 10 Bus. Days | |
| Q3719-13 | SB-1125-17A | Solid | 11/25/2025 24 | 15:15 | | | | | |
| | | | | | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | 10 Bus. Days | |
| Q3719-14 | SB-1125-17B | Solid | 11/25/2025 24 | 15:30 | | | | | |
| | | | | | VOC-TCLVOA-10 | TCL+30/TAL | 8260D | 10 Bus. Days | |

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3719 REMI01
**Client Name :** Remington & Vernick
**Client Contact :** Justin Zarzecki
**Invoice Name :** Remington & Vernick
**Invoice Contact :** Justin Zarzecki

**Order Date :** 11/25/2025 11:38:47 AM
**Project Name :** ~~Sadler~~ Saddler Property
**Receive DateTime :** 11/25/2025 11:55:00 AM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 1
**EDD Type :** ~~EXCEL NJCLEANUP~~
**Hard Copy Date :** MJ Request
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|

**Relinguished By :** CP
**Date / Time :** 11/25/25 1255

**Received By :** AR
**Date / Time :** 11/25/25 13:00

**Storage Area :** VOA Refridgerator Room