

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012725\  
 Data File : BP023760.D  
 Acq On : 28 Jan 2025 04:42  
 Operator : RC/JU  
 Sample : Q1174-22  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2953

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025  
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 05:06:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012225.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 27 21:53:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 707010   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.575 | 136  | 2946382  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.422 | 164  | 1859023  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.216 | 188  | 3451464  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.674 | 240  | 3559298  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.086 | 264  | 3910249  | 20.000 | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 82199    | 4.683  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.717  | 84   | 534222   | 10.546 | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 6.975  | 99   | 758622   | 12.681 | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 1209925  | 35.806 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 1729544  | 38.028 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.499  | 113  | 1280619  | 27.222 | ng/u1  | 0.02     |
| 21) Nitrobenzene-d5           | 8.940  | 128  | 917393   | 41.326 | ng/u1  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.652  | 143  | 967562   | 47.542 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.204 | 165  | 1725719  | 40.341 | ng/u1  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.704 | 131  | 1054464  | 15.413 | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.828 | 166  | 4871418  | 36.436 | ng/u1  | 0.01     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 5891915  | 38.078 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.651 | 143  | 315061m  | 11.728 | ng/u1  | 0.06     |
| 60) Fluorene-d10              | 15.428 | 176  | 4360671  | 38.103 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200  | 703491   | 41.390 | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 17.316 | 188  | 6596725  | 39.811 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.698 | 212  | 7404443  | 40.883 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.863 | 264  | 7941859  | 40.578 | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 13) 2-Methylphenol            | 8.240  | 108  | 67483    | 1.486  | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.569  | 108  | 726492   | 14.384 | ng/u1  | 89       |
| 26) 2,4-Dimethylphenol        | 9.787  | 107  | 4443176m | 89.720 | ng/u1  |          |
| 30) Naphthalene               | 10.616 | 128  | 383713   | 2.420  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.228 | 142  | 115444   | 1.078  | ng/u1  | 100      |
| 37) 1-Methylnaphthalene       | 12.451 | 142  | 265537   | 2.481  | ng/u1  | 98       |
| 77) Carbazole                 | 17.633 | 167  | 182340   | 1.072  | ng/u1# | 88       |

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

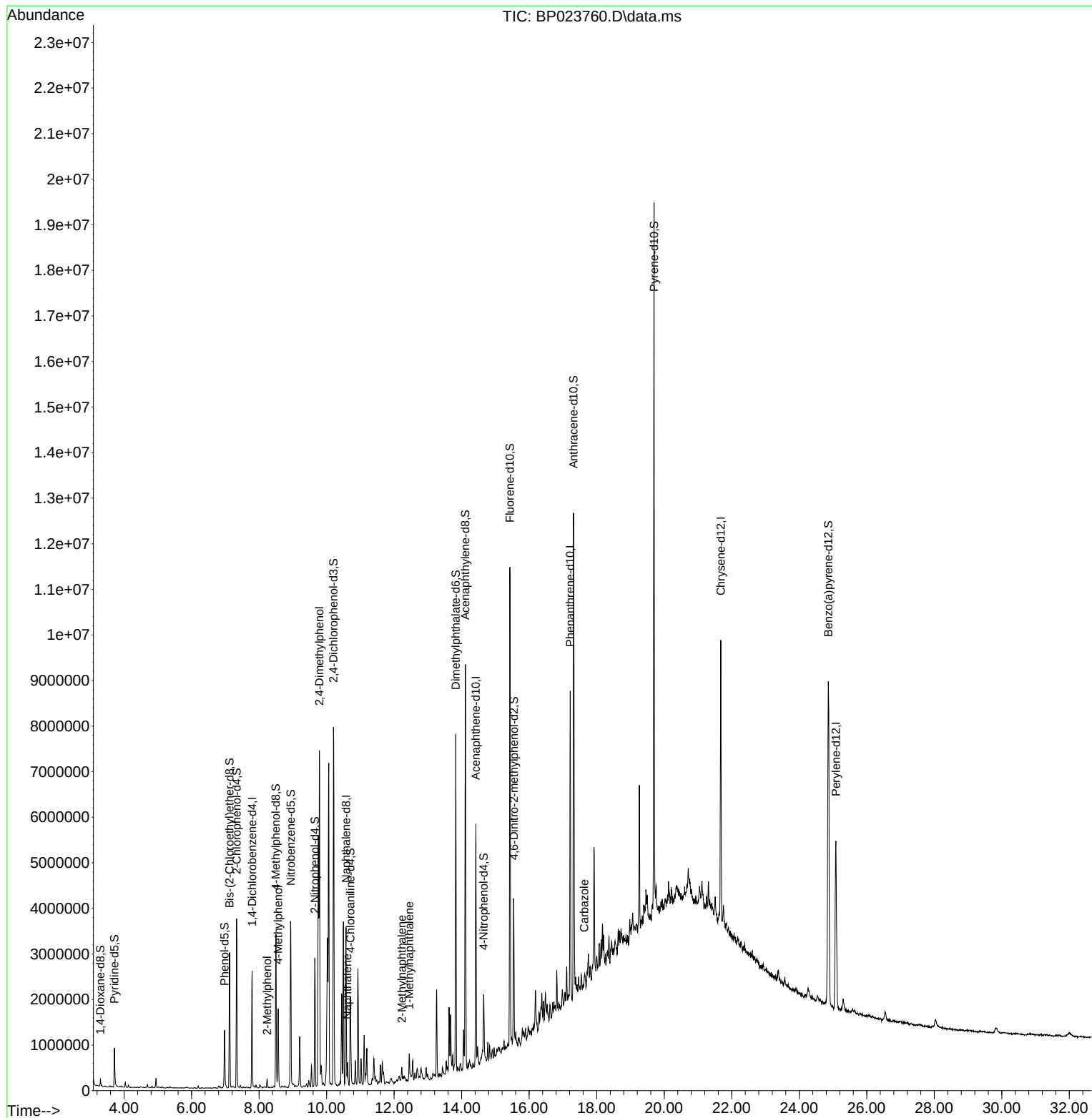
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012725\  
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ALS Vial : 29 Sample Multiplier: 1

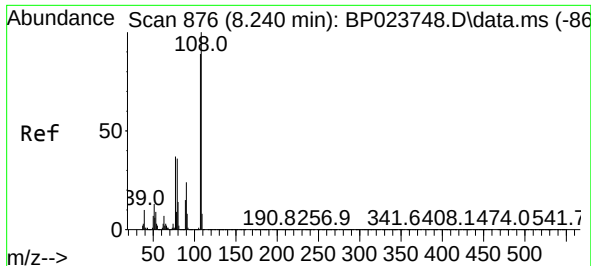
Instrument :  
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Quant Time: Jan 28 05:06:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012225.MA.M  
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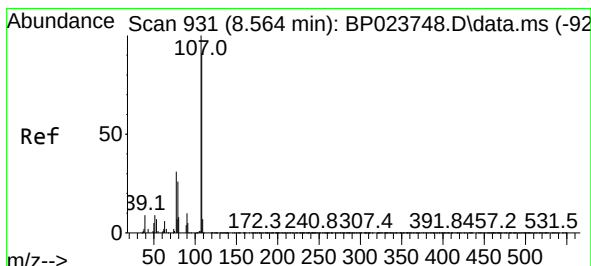
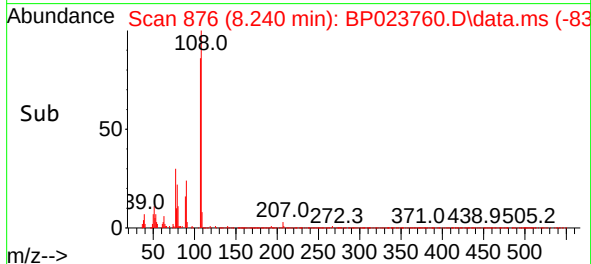
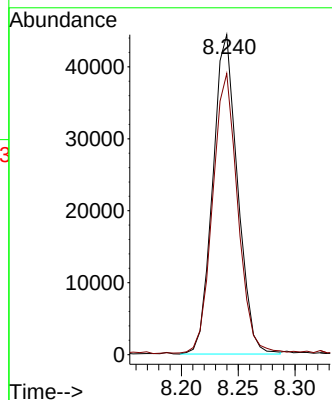
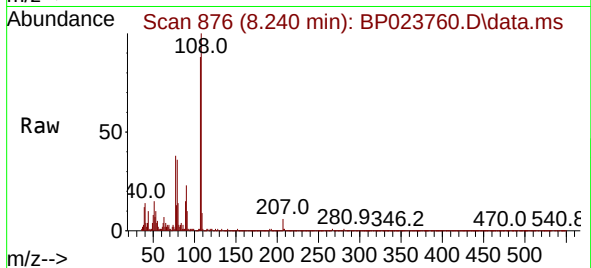
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2-Methylphenol  
Concen: 1.486 ng/ul  
RT: 8.240 min Scan# 876  
Delta R.T. 0.024 min  
Lab File: BP023760.D  
Acq: 28 Jan 2025 04:42

Instrument :  
BNA\_P  
ClientSampleId :  
E2953

Tgt Ion:108 Resp: 6748  
Ion Ratio Lower Upper  
108 100  
107 87.9 69.6 104.4

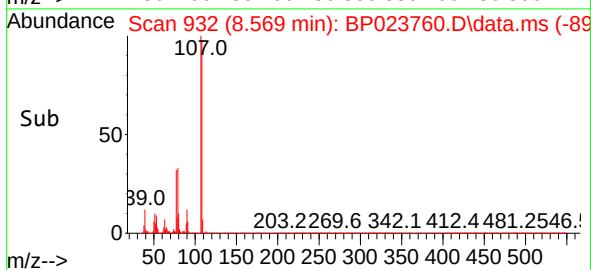
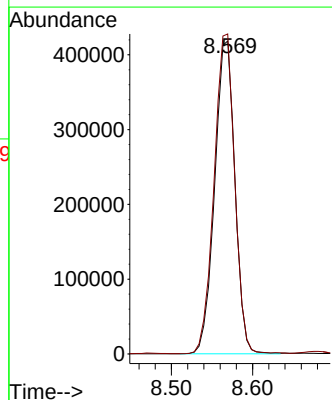
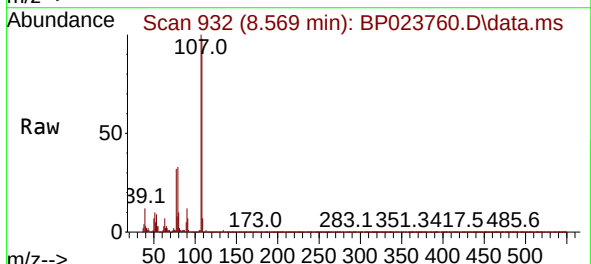
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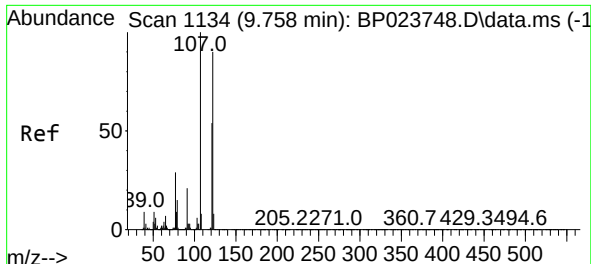
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#18  
4-Methylphenol  
Concen: 14.384 ng/ul  
RT: 8.569 min Scan# 932  
Delta R.T. 0.029 min  
Lab File: BP023760.D  
Acq: 28 Jan 2025 04:42

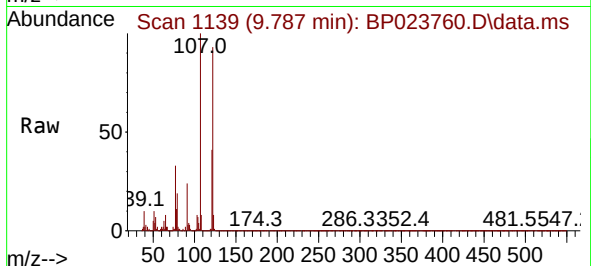
Tgt Ion:108 Resp: 726492  
Ion Ratio Lower Upper  
108 100  
107 102.2 91.2 136.8





#26  
2,4-Dimethylphenol  
Concen: 89.720 ng/ul m  
RT: 9.787 min Scan# 1134  
Delta R.T. 0.047 min  
Lab File: BP023760.D  
Acq: 28 Jan 2025 04:42

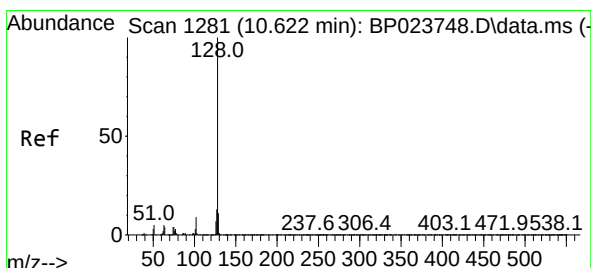
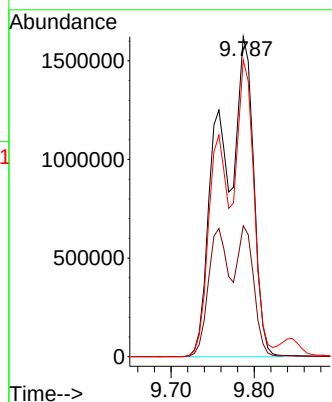
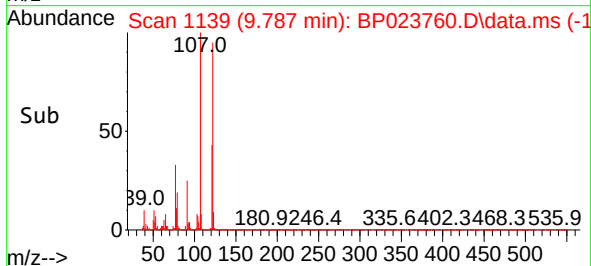
Instrument :  
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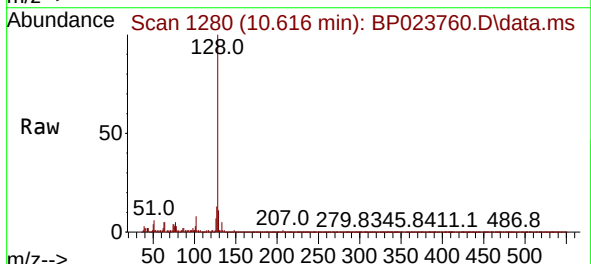
Tgt Ion:107 Resp: 4443170  
Ion Ratio Lower Upper  
107 100  
121 40.9 42.0 63.0  
122 92.7 70.2 105.4

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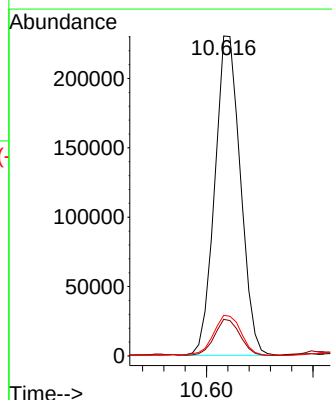
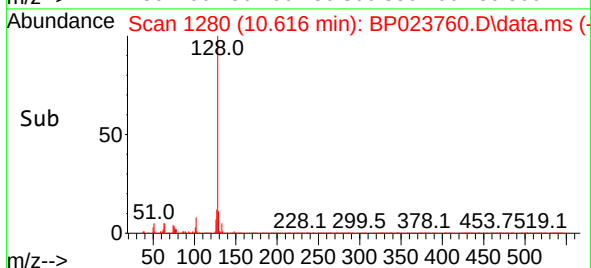
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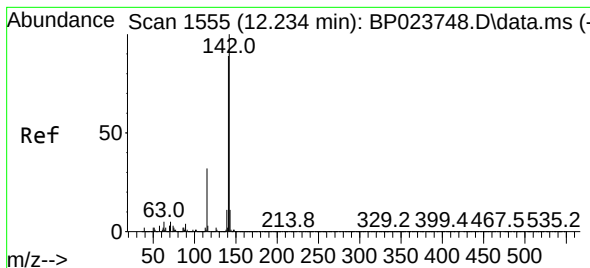


#30  
Naphthalene  
Concen: 2.420 ng/ul  
RT: 10.616 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: BP023760.D  
Acq: 28 Jan 2025 04:42



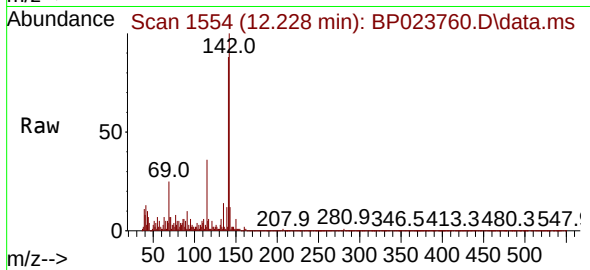
Tgt Ion:128 Resp: 383713  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.6 12.8  
127 12.7 10.2 15.4





#36  
2-Methylnaphthalene  
Concen: 1.078 ng/ul  
RT: 12.228 min Scan# 11544  
Delta R.T. 0.000 min  
Lab File: BP023760.D  
Acq: 28 Jan 2025 04:42

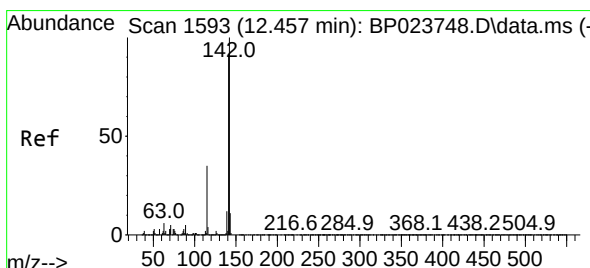
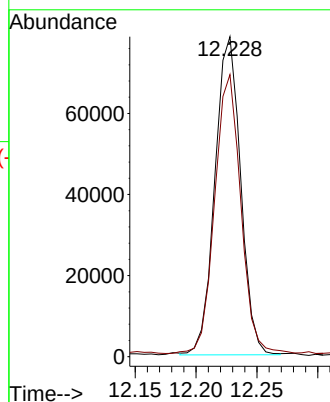
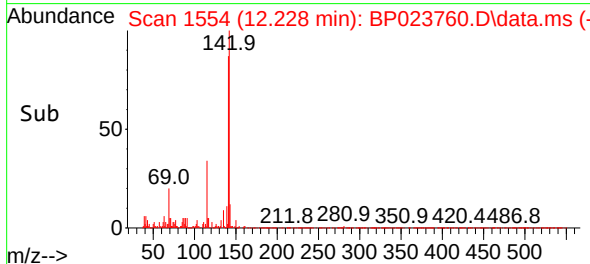
Instrument :  
BNA\_P  
ClientSampleId :  
E2953



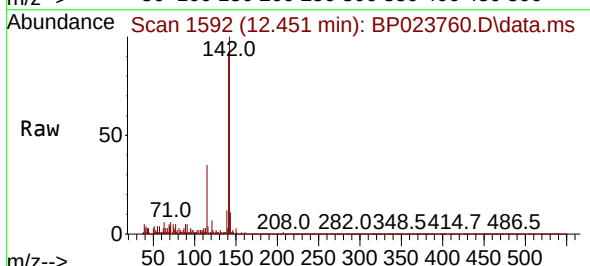
Tgt Ion:142 Resp: 11544  
Ion Ratio Lower Upper  
142 100  
141 88.1 70.5 105.7

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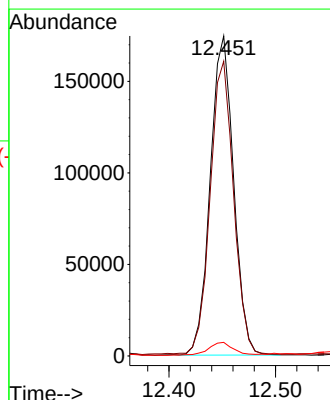
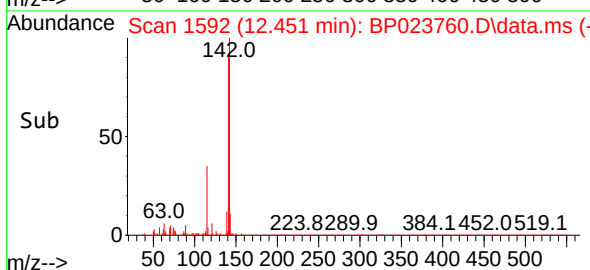
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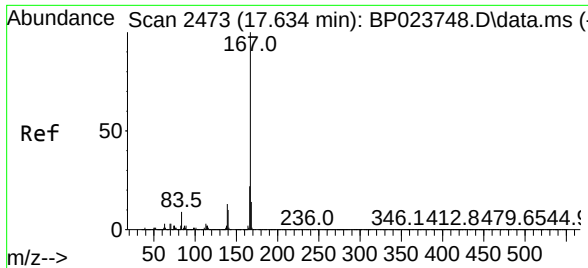


#37  
1-Methylnaphthalene  
Concen: 2.481 ng/ul  
RT: 12.451 min Scan# 1592  
Delta R.T. 0.006 min  
Lab File: BP023760.D  
Acq: 28 Jan 2025 04:42



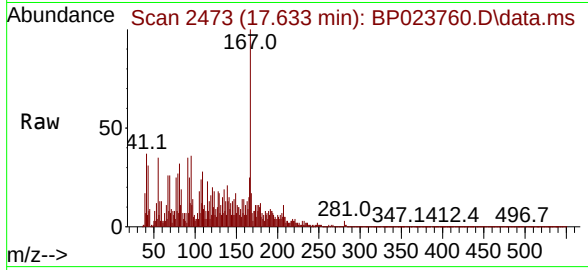
Tgt Ion:142 Resp: 265537  
Ion Ratio Lower Upper  
142 100  
141 92.1 72.1 108.1  
116 4.3 2.9 4.3





#77  
 Carbazole  
 Concen: 1.072 ng/ul  
 RT: 17.633 min Scan# 2473  
 Delta R.T. 0.006 min  
 Lab File: BP023760.D  
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Tgt Ion:167 Resp: 182340  
 Ion Ratio Lower Upper  
 167 100  
 166 25.3 17.4 26.0  
 139 20.9 10.6 15.8

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