

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090424\  
 Data File : BP021818.D  
 Acq On : 04 Sep 2024 15:35  
 Operator : RC/JU  
 Sample : P3809-01DL 20X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YE3E1DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024  
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 04 16:39:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 29 23:56:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.746  | 152  | 233655   | 20.000 | ng/u1  | -0.04    |
| 20) Naphthalene-d8            | 10.540 | 136  | 941029   | 20.000 | ng/u1  | -0.03    |
| 38) Acenaphthene-d10          | 14.410 | 164  | 611311   | 20.000 | ng/u1  | -0.02    |
| 64) Phenanthrene-d10          | 17.222 | 188  | 1427572  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.680 | 240  | 1510344  | 20.000 | ng/u1  | 0.01     |
| 88) Perylene-d12              | 25.104 | 264  | 1656484  | 20.000 | ng/u1  | 0.04     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 1168m    | 0.166  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 3.681  | 84   | 8621     | 0.423  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.928  | 99   | 5845     | 0.234  | ng/u1  | -0.03    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.075  | 67   | 7861     | 0.579  | ng/u1  | -0.04    |
| 11) 2-Chlorophenol-d4         | 7.287  | 132  | 6550     | 0.407  | ng/u1  | -0.04    |
| 15) 4-Methylphenol-d8         | 8.452  | 113  | 9829     | 0.510  | ng/u1  | -0.04    |
| 21) Nitrobenzene-d5           | 8.899  | 128  | 3740     | 0.494  | ng/u1  | -0.04    |
| 24) 2-Nitrophenol-d4          | 9.616  | 143  | 2563     | 0.334  | ng/u1  | -0.04    |
| 28) 2,4-Dichlorophenol-d3     | 10.163 | 165  | 7262     | 0.480  | ng/u1  | -0.03    |
| 31) 4-Chloroaniline-d4        | 10.669 | 131  | 12955    | 0.588  | ng/u1  | -0.03    |
| 46) Dimethylphthalate-d6      | 13.810 | 166  | 29180    | 0.624  | ng/u1  | -0.03    |
| 49) Acenaphthylene-d8         | 14.093 | 160  | 20040    | 0.382  | ng/u1  | -0.03    |
| 54) 4-Nitrophenol-d4          | 14.716 | 143  | 5046m    | 0.567  | ng/u1  | 0.09     |
| 60) Fluorene-d10              | 15.422 | 176  | 18177    | 0.462  | ng/u1  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.540 | 200  | 1674     | 0.213  | ng/u1  | -0.02    |
| 73) Anthracene-d10            | 17.334 | 188  | 31419    | 0.464  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.698 | 212  | 38091    | 0.441  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.851 | 264  | 36443m   | 0.413  | ng/u1  | 0.01     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 13) 2-Methylphenol            | 8.193  | 108  | 690694   | 36.823 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 9.710  | 107  | 529783m  | 25.351 | ng/u1  |          |
| 30) Naphthalene               | 10.587 | 128  | 60739    | 1.145  | ng/u1  | 99       |
| 35) 4-Chloro-3-methylphenol   | 11.840 | 107  | 22846    | 1.134  | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.216 | 142  | 115178   | 3.211  | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.422 | 142  | 91095    | 2.525  | ng/u1# | 98       |
| -----                         |        |      |          |        |        |          |

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

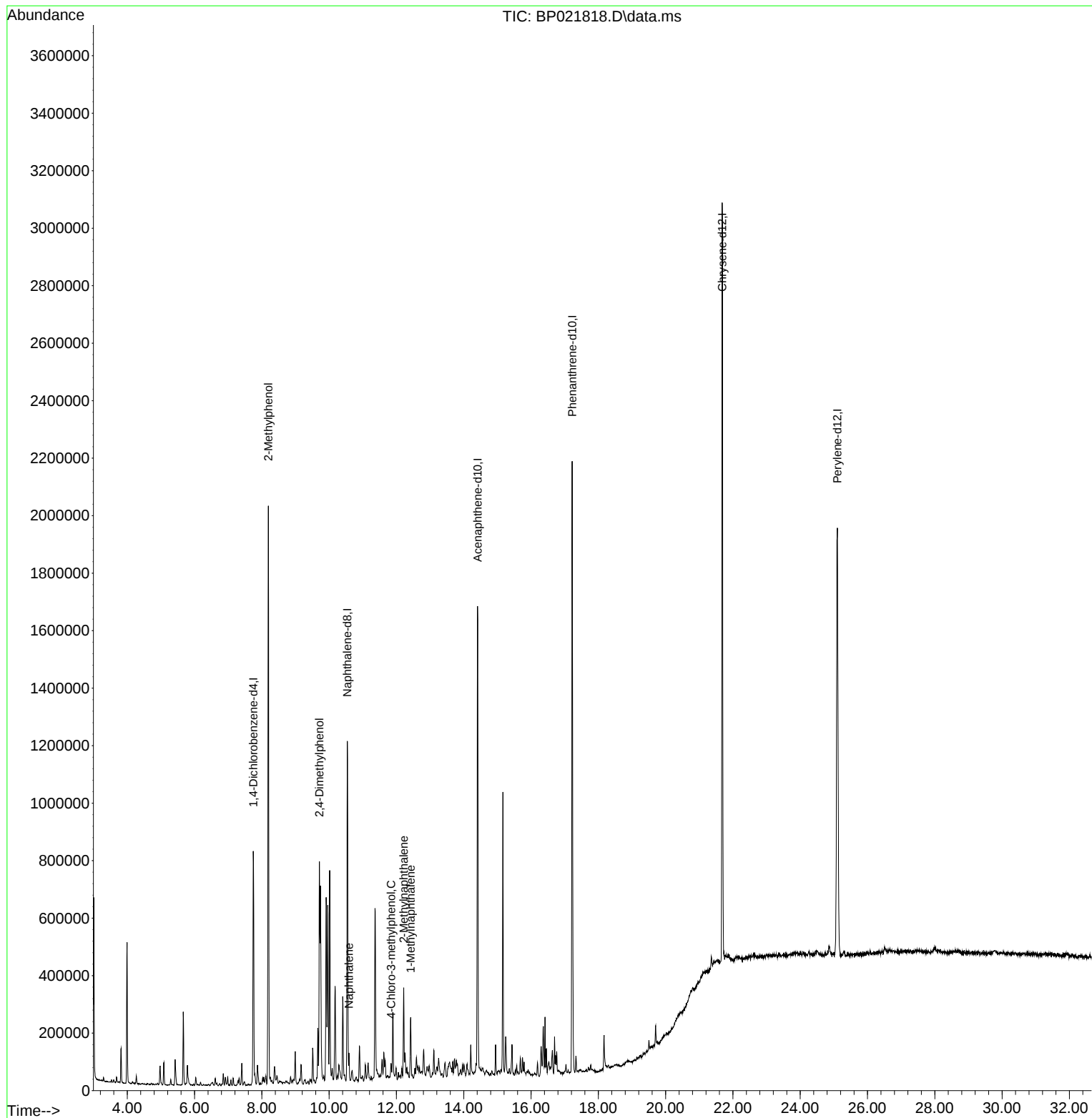
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090424\  
Data File : BP021818.D  
Acq On : 04 Sep 2024 15:35  
Operator : RC/JU  
Sample : P3809-01DL 20X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

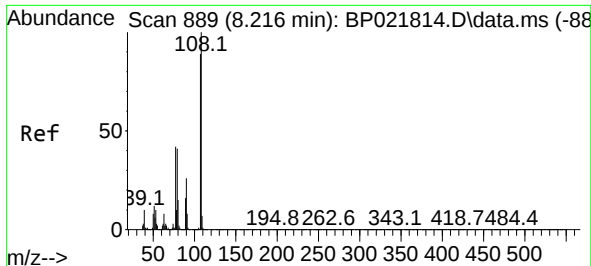
Instrument :  
BNA\_P  
ClientSampleId :  
YE3E1DL

Quant Time: Sep 04 16:39:56 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 29 23:56:59 2024  
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#13

2-Methylphenol

Concen: 36.823 ng/ul

RT: 8.193 min Scan# 81

Delta R.T. -0.029 min

Lab File: BP021818.D

Acq: 04 Sep 2024 15:35

Instrument :

BNA\_P

ClientSampleId :

YE3E1DL

Tgt Ion:108 Resp: 690694

Ion Ratio Lower Upper

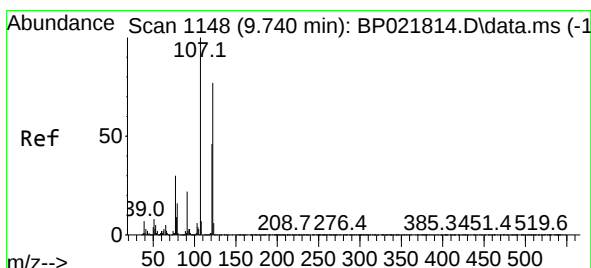
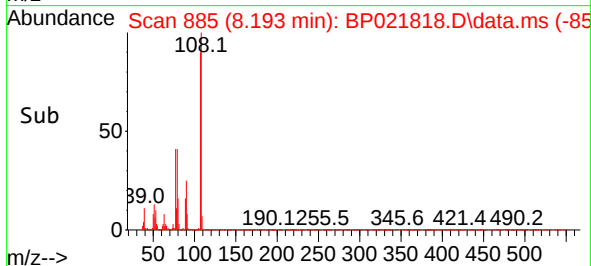
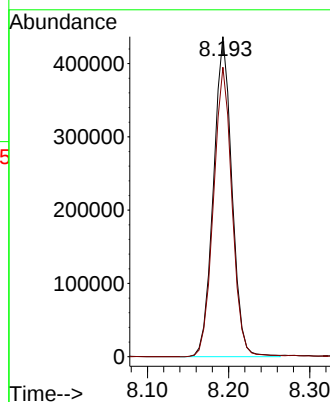
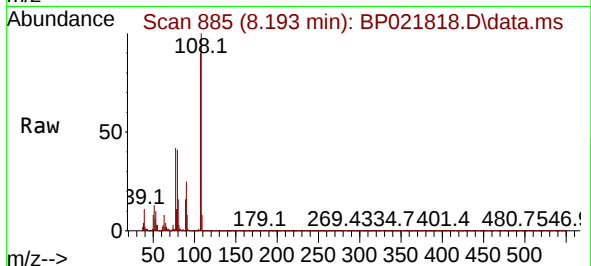
108 100

107 90.4 73.2 109.8

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#26

2,4-Dimethylphenol

Concen: 25.351 ng/ul m

RT: 9.710 min Scan# 1143

Delta R.T. -0.035 min

Lab File: BP021818.D

Acq: 04 Sep 2024 15:35

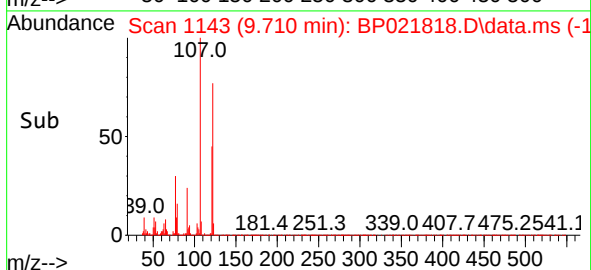
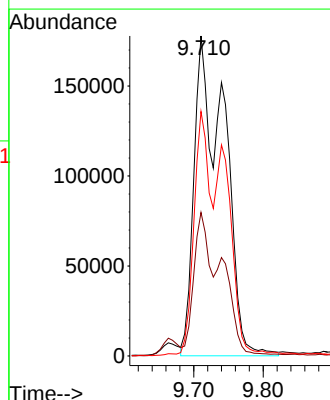
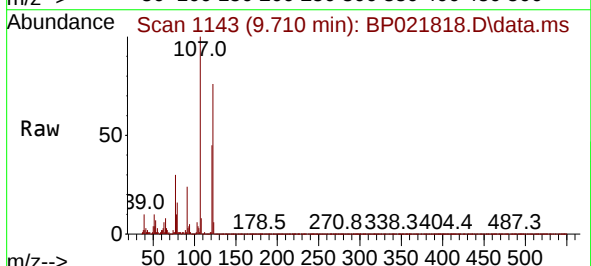
Tgt Ion:107 Resp: 529783

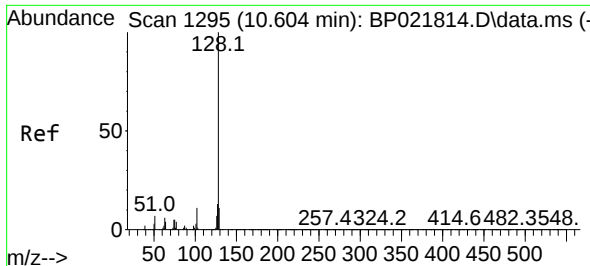
Ion Ratio Lower Upper

107 100

121 44.8 36.9 55.3

122 76.4 61.0 91.4





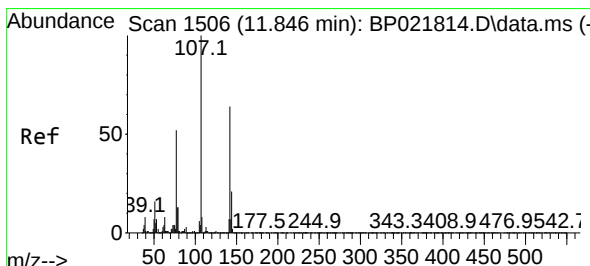
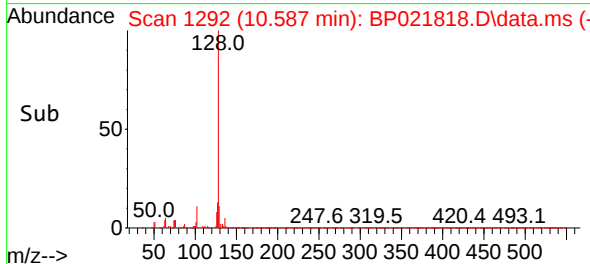
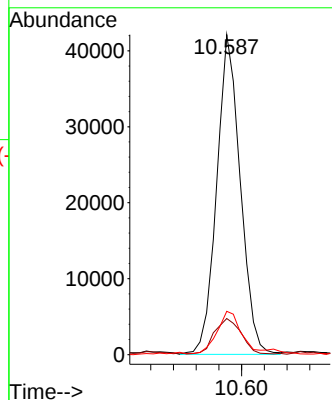
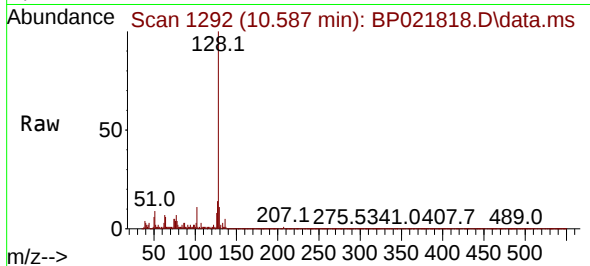
#30  
Naphthalene  
Concen: 1.145 ng/ul  
RT: 10.587 min Scan# 1292  
Delta R.T. -0.035 min  
Lab File: BP021818.D  
Acq: 04 Sep 2024 15:35

Instrument :  
BNA\_P  
ClientSampleId :  
YE3E1DL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 60739 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.3  | 8.6   | 13.0  |
| 127       | 13.5  | 10.5  | 15.7  |

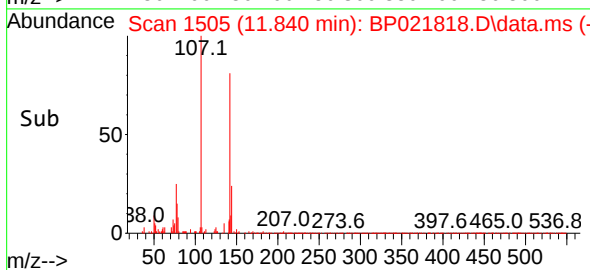
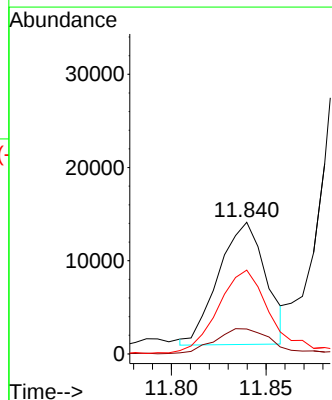
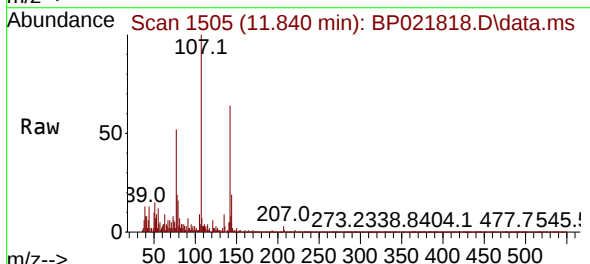
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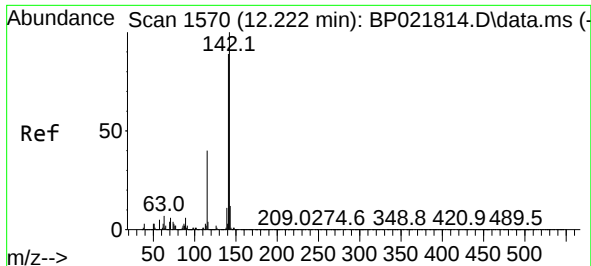
Reviewed By :Jagrut Upadhyay 09/05/2024  
Supervised By :mohammad ahmed 09/07/2024



#35  
4-Chloro-3-methylphenol  
Concen: 1.134 ng/ul  
RT: 11.840 min Scan# 1505  
Delta R.T. -0.018 min  
Lab File: BP021818.D  
Acq: 04 Sep 2024 15:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 22846 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 19.0  | 17.5  | 26.3  |
| 142       | 63.6  | 53.3  | 79.9  |





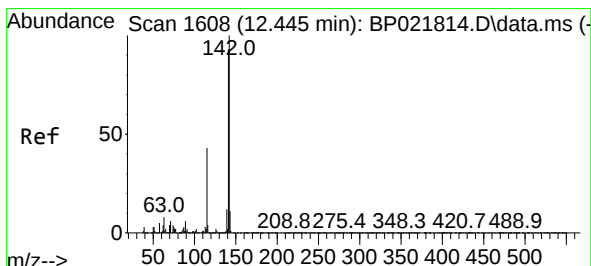
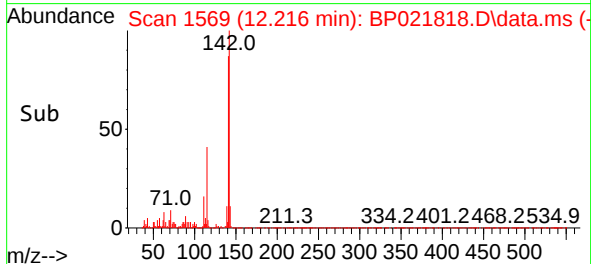
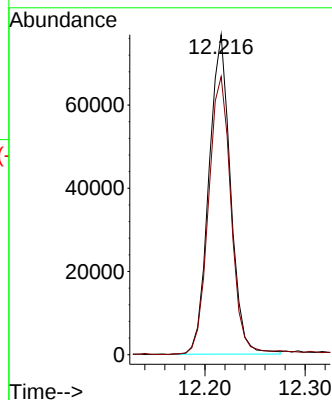
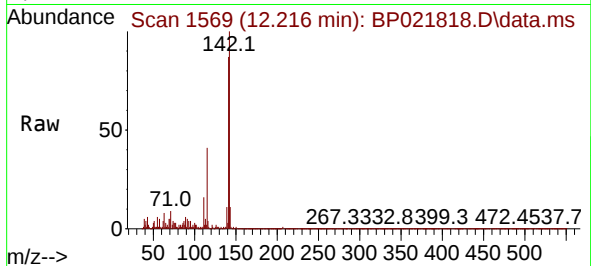
#36  
2-Methylnaphthalene  
Concen: 3.211 ng/ul  
RT: 12.216 min Scan# 115178  
Delta R.T. -0.024 min  
Lab File: BP021818.D  
Acq: 04 Sep 2024 15:35

Instrument :  
BNA\_P  
ClientSampleId :  
YE3E1DL

Tgt Ion:142 Resp: 115178  
Ion Ratio Lower Upper  
142 100  
141 86.9 71.1 106.7

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#37  
1-Methylnaphthalene  
Concen: 2.525 ng/ul  
RT: 12.422 min Scan# 1604  
Delta R.T. -0.035 min  
Lab File: BP021818.D  
Acq: 04 Sep 2024 15:35

Tgt Ion:142 Resp: 91095  
Ion Ratio Lower Upper  
142 100  
141 91.0 74.6 111.8  
116 5.7 3.5 5.3#

