

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082823\  
 Data File : BP016807.D  
 Acq On : 28 Aug 2023 23:48  
 Operator : MA/JU  
 Sample : 04134-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHJ0

Quant Time: Aug 29 01:17:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 29 01:12:28 2023  
 Response via : Initial Calibration

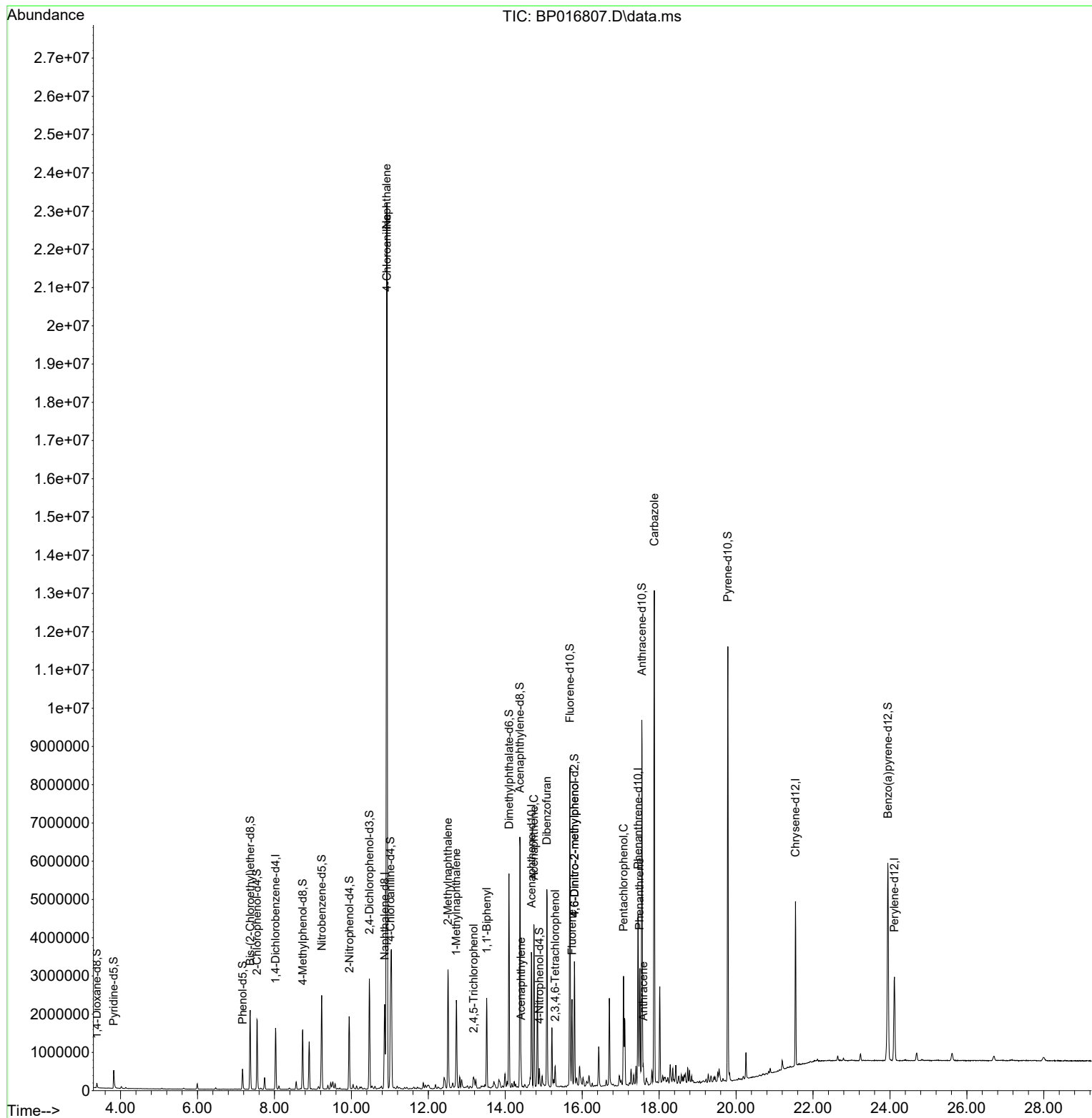
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.028  | 152  | 425342   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.863 | 136  | 1877324  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.681 | 164  | 1179115  | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.451 | 188  | 2575244  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.545 | 240  | 1916336  | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.116 | 264  | 1671303  | 20.000  | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 59829    | 5.813   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.823  | 84   | 270436   | 8.599   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.169  | 99   | 298817   | 7.901   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.369  | 67   | 891713   | 36.992  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.546  | 132  | 819967   | 28.835  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.734  | 113  | 580184   | 18.791  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.228  | 128  | 575134   | 40.518  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.946  | 143  | 601760   | 40.219  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.469 | 165  | 998689   | 35.804  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.016 | 131  | 1185517  | 27.715  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.099 | 166  | 3676851  | 41.349  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.381 | 160  | 4151319  | 41.297  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.887 | 143  | 111743   | 6.080   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.681 | 176  | 3195702  | 42.677  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 200  | 577250   | 37.639  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.551 | 188  | 5119914  | 44.853  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.786 | 212  | 5613152  | 53.332  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.945 | 264  | 3831088  | 45.762  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.916 | 128  | 18151894 | 186.656 | ng/ul# | 90       |
| 32) 4-Chloroaniline           | 10.922 | 127  | 2799266  | 66.590  | ng/ul# | 10       |
| 36) 2-Methylnaphthalene       | 12.510 | 142  | 1432568  | 21.342  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.728 | 142  | 1024893  | 15.141  | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.175 | 196  | 42451    | 1.748   | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.516 | 154  | 1132398  | 12.917  | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.410 | 152  | 274084   | 2.382   | ng/ul  | 99       |
| 52) Acenaphthene              | 14.746 | 153  | 1656898  | 21.768  | ng/ul  | 100      |
| 56) Dibenzofuran              | 15.081 | 168  | 3251222  | 31.130  | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.298 | 232  | 95135    | 4.602   | ng/ul  | 96       |
| 61) Fluorene                  | 15.734 | 166  | 915664   | 10.482  | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.798 | 198  | 117712   | 7.119   | ng/ul# | 86       |
| 71) Pentachlorophenol         | 17.075 | 266  | 337578   | 16.450  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.492 | 178  | 1595085  | 11.765  | ng/ul  | 99       |
| 74) Anthracene                | 17.587 | 178  | 137868   | 1.006   | ng/ul  | 98       |
| 77) Carbazole                 | 17.875 | 167  | 8129945  | 65.850  | ng/ul  | 99       |

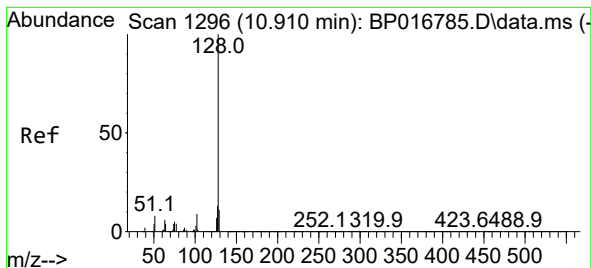
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082823\  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 29 01:12:28 2023  
Response via : Initial Calibration





#30

Naphthalene

Concen: 186.656 ng/ul

RT: 10.916 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA\_P

ClientSampleId :

DCHJ0

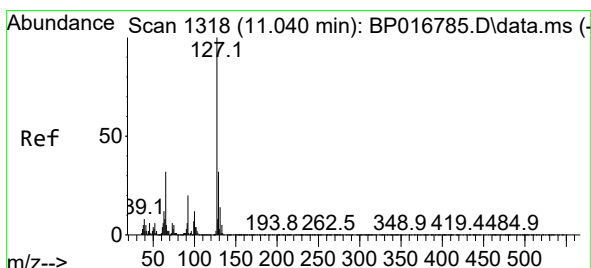
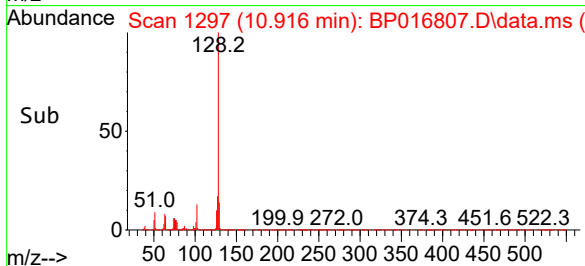
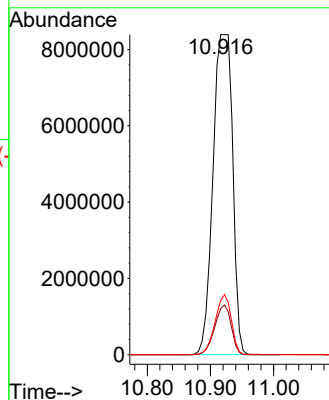
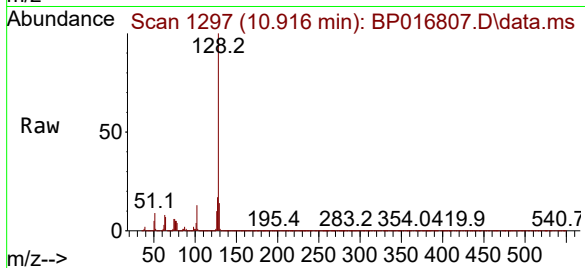
Tgt Ion:128 Resp:18151894

Ion Ratio Lower Upper

128 100

129 14.4 8.8 13.2#

127 17.0 10.3 15.5#



#32

4-Chloroaniline

Concen: 66.590 ng/ul

RT: 10.922 min Scan# 1298

Delta R.T. -0.117 min

Lab File: BP016807.D

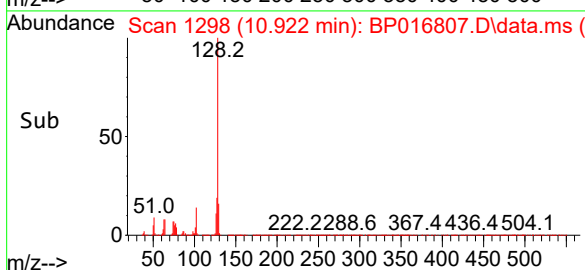
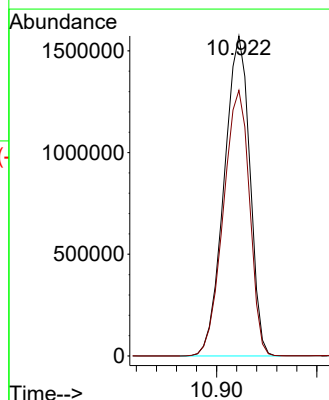
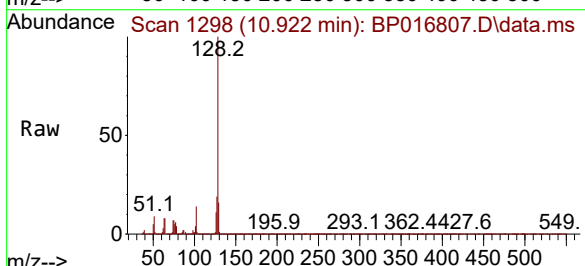
Acq: 28 Aug 2023 23:48

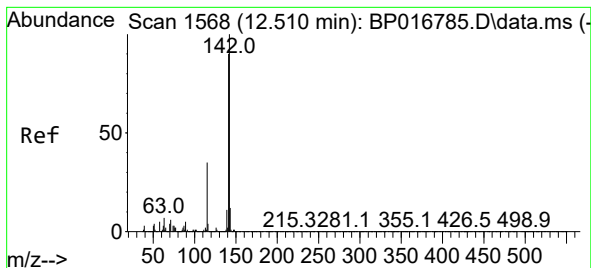
Tgt Ion:127 Resp: 2799266

Ion Ratio Lower Upper

127 100

129 83.0 25.9 38.9#

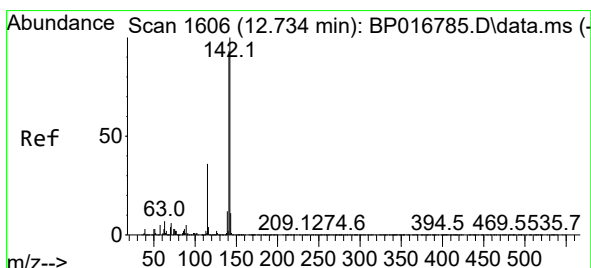
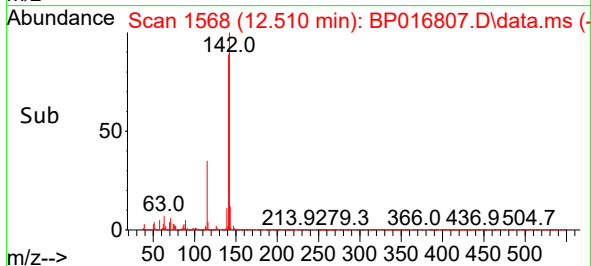
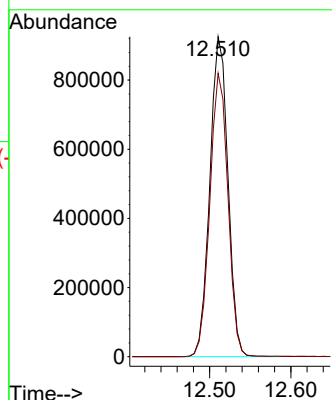
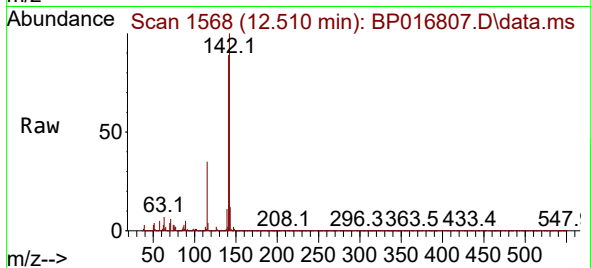




#36  
2-Methylnaphthalene  
Concen: 21.342 ng/ul  
RT: 12.510 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP016807.D  
Acq: 28 Aug 2023 23:48

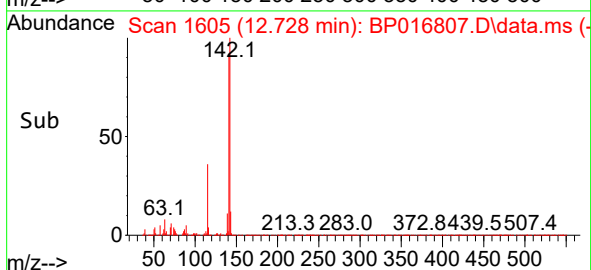
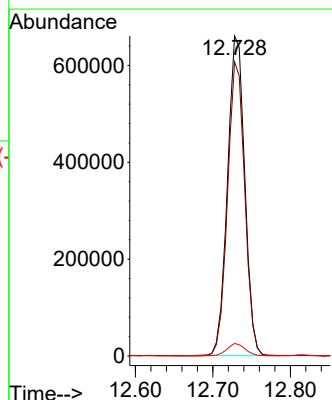
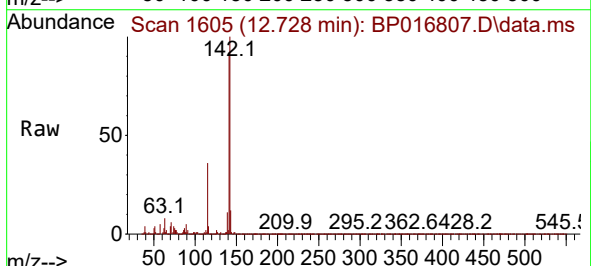
Instrument :  
BNA\_P  
ClientSampleId :  
DCHJ0

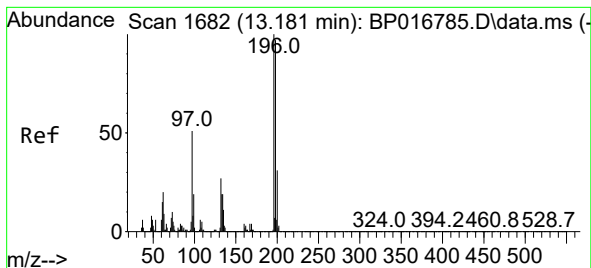
Tgt Ion:142 Resp: 1432568  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.4 107.0



#37  
1-Methylnaphthalene  
Concen: 15.141 ng/ul  
RT: 12.728 min Scan# 1605  
Delta R.T. -0.006 min  
Lab File: BP016807.D  
Acq: 28 Aug 2023 23:48

Tgt Ion:142 Resp: 1024893  
Ion Ratio Lower Upper  
142 100  
141 91.9 73.0 109.4  
116 3.9 3.1 4.7





#42

2,4,5-Trichlorophenol

Concen: 1.748 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA\_P

ClientSampleId :

DCHJ0

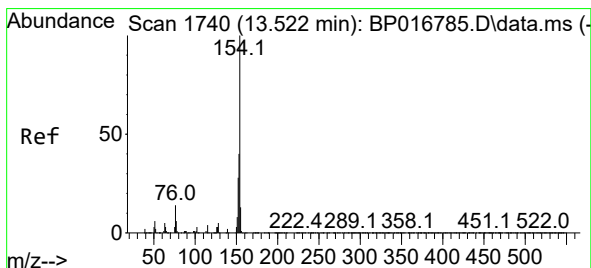
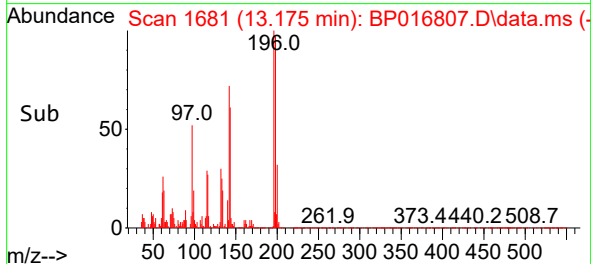
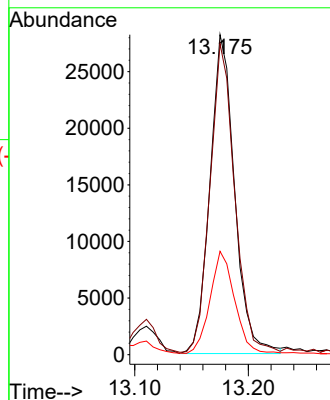
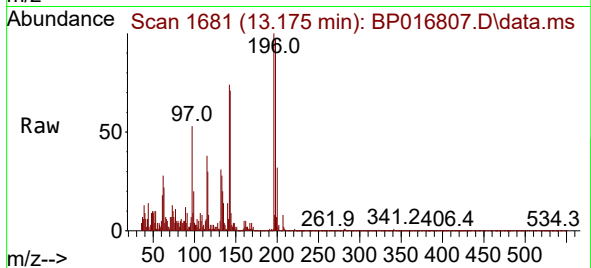
Tgt Ion:196 Resp: 42451

Ion Ratio Lower Upper

196 100

198 97.1 77.8 116.8

200 32.3 24.8 37.2



#43

1,1'-Biphenyl

Concen: 12.917 ng/ul

RT: 13.516 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

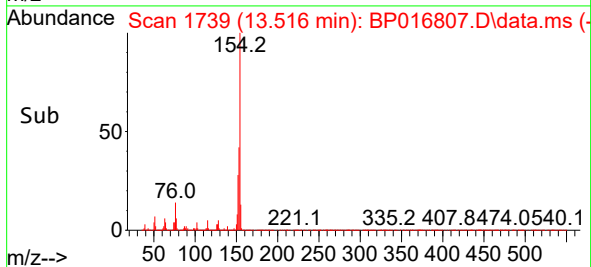
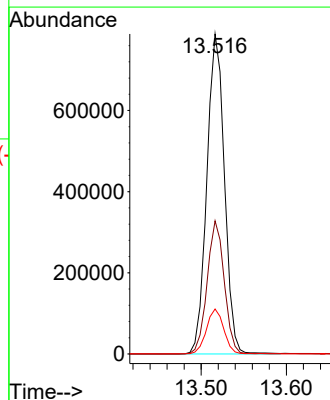
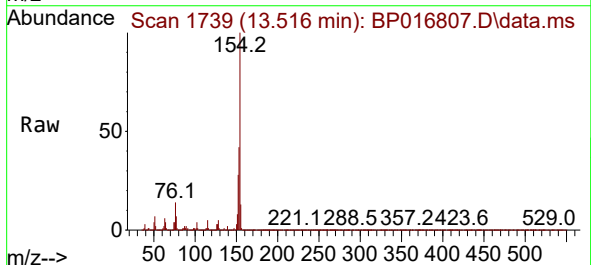
Tgt Ion:154 Resp: 1132398

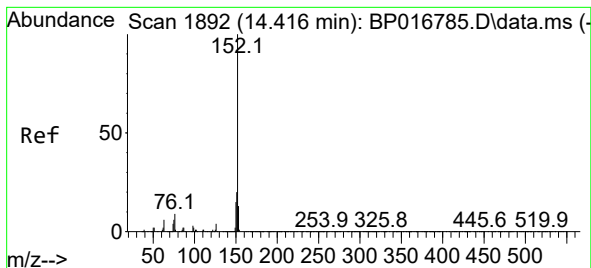
Ion Ratio Lower Upper

154 100

153 41.6 32.7 49.1

76 14.0 11.3 16.9





#50

Acenaphthylene

Concen: 2.382 ng/ul

RT: 14.410 min Scan# 1892

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA\_P

ClientSampleId :

DCHJ0

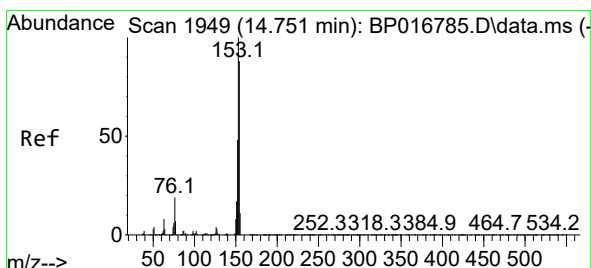
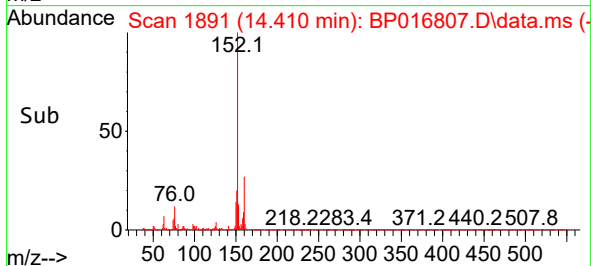
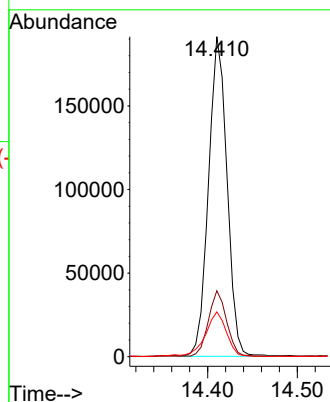
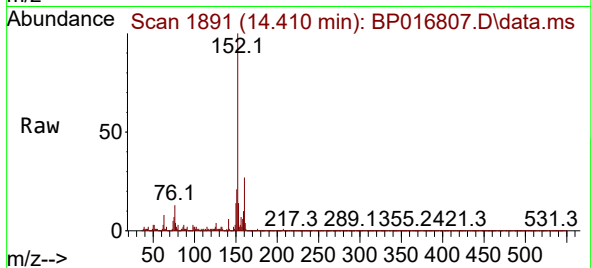
Tgt Ion:152 Resp: 274084

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 14.0 10.6 15.8



#52

Acenaphthene

Concen: 21.768 ng/ul

RT: 14.746 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

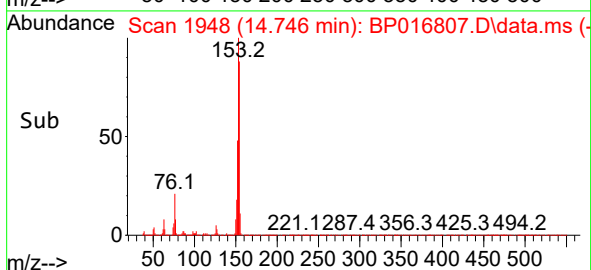
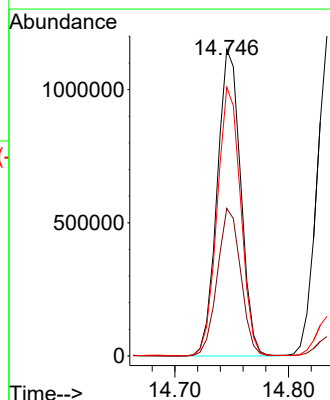
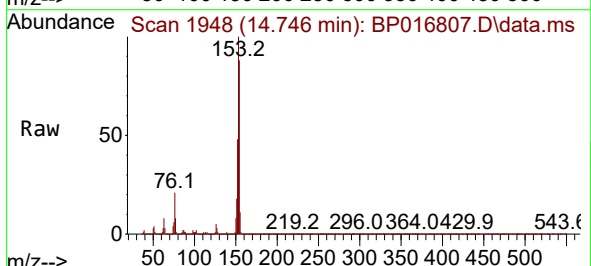
Tgt Ion:153 Resp: 1656898

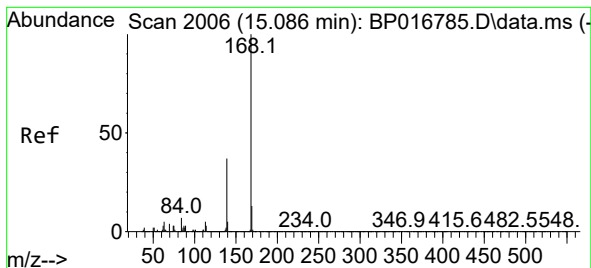
Ion Ratio Lower Upper

153 100

152 48.1 38.5 57.7

154 87.6 70.6 105.8





#56

Dibenzofuran

Concen: 31.130 ng/ul

RT: 15.081 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNL\_P

ClientSampleId :

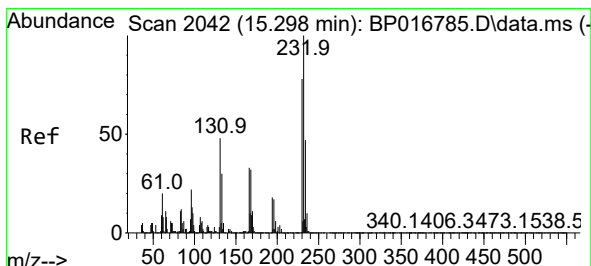
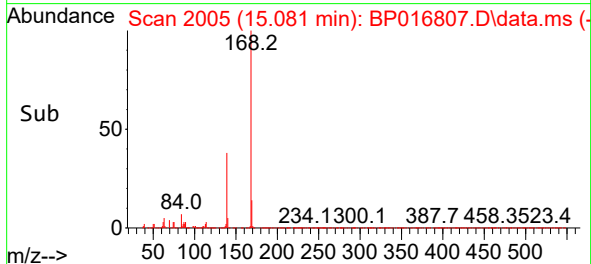
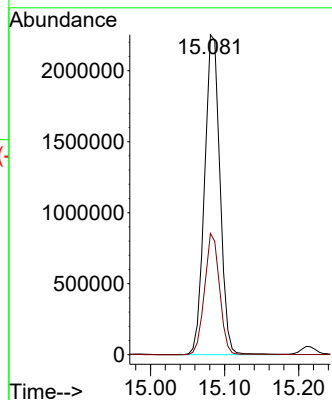
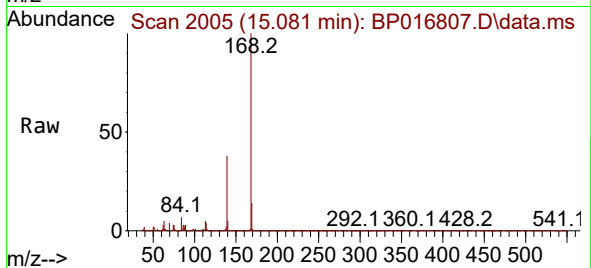
DCHJ0

Tgt Ion:168 Resp: 3251222

Ion Ratio Lower Upper

168 100

139 37.9 29.2 43.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.602 ng/ul

RT: 15.298 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Tgt Ion:232 Resp: 95135

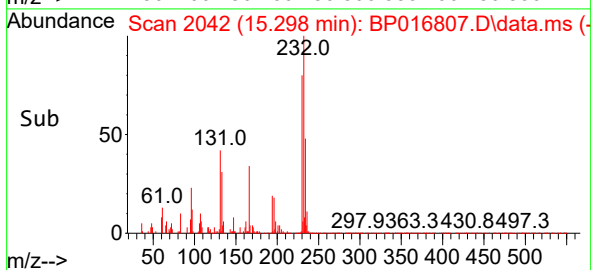
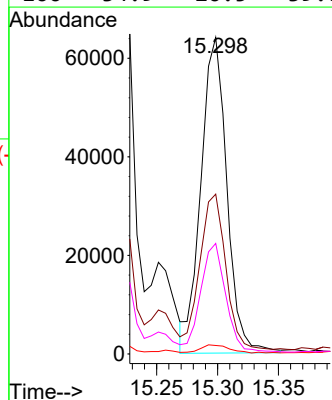
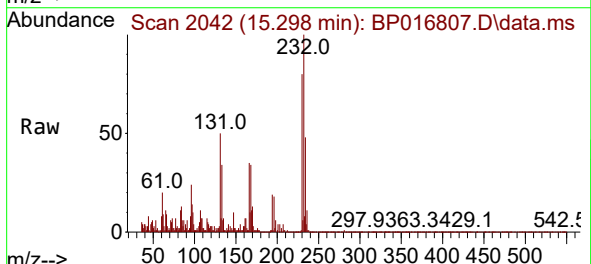
Ion Ratio Lower Upper

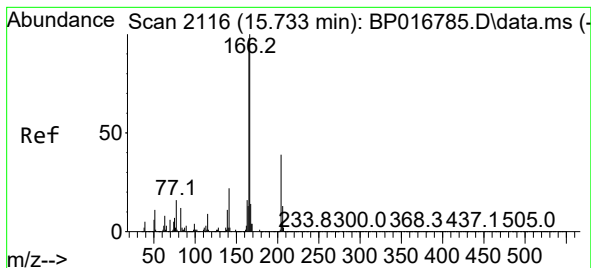
232 100

131 50.5 38.1 57.1

130 2.7 1.9 2.9

166 34.9 26.5 39.7





#61

Fluorene

Concen: 10.482 ng/ul

RT: 15.734 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA\_P

ClientSampleId :

DCHJ0

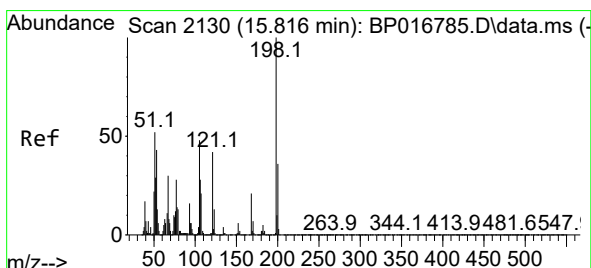
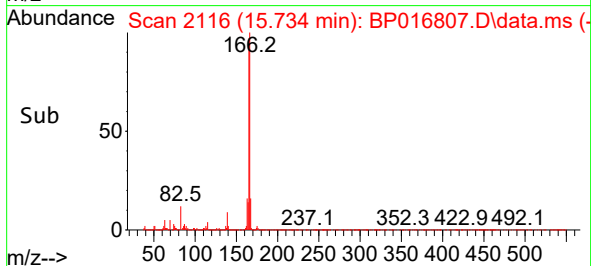
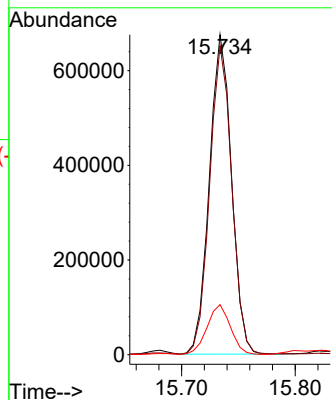
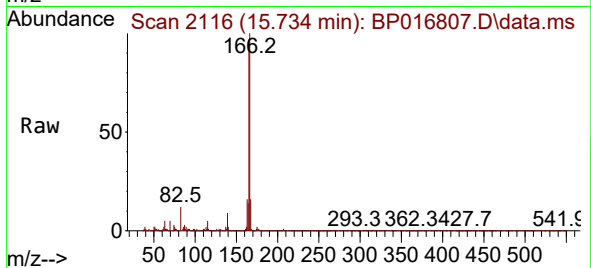
Tgt Ion:166 Resp: 915664

Ion Ratio Lower Upper

166 100

165 96.6 78.8 118.2

167 15.7 10.9 16.3



#66

4,6-Dinitro-2-methylphenol

Concen: 7.119 ng/ul

RT: 15.798 min Scan# 2127

Delta R.T. -0.017 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

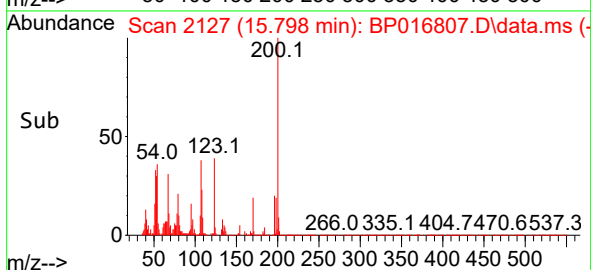
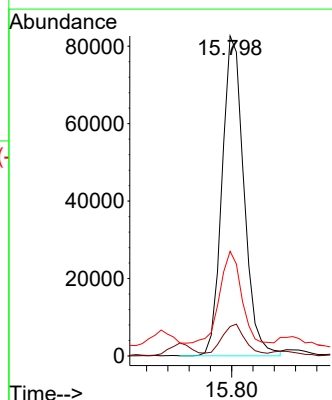
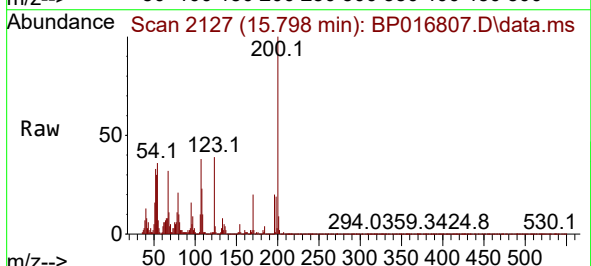
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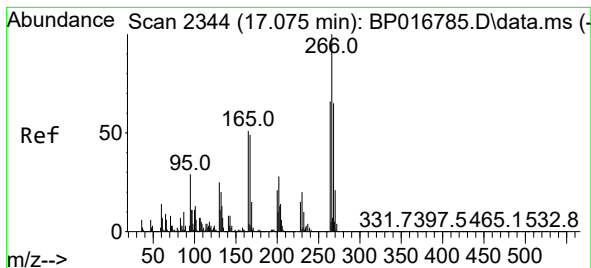
Ion Ratio Lower Upper

198 100

182 9.2 3.2 4.8#

77 32.7 20.7 31.1#





#71

Pentachlorophenol

Concen: 16.450 ng/ul

RT: 17.075 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA\_P

ClientSampleId :

DCHJ0

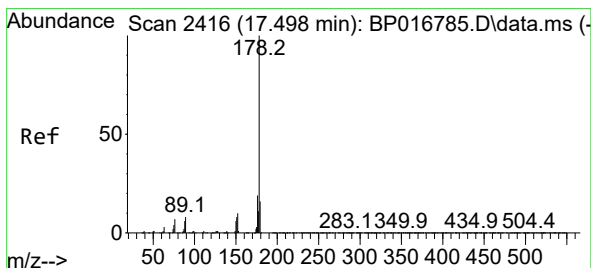
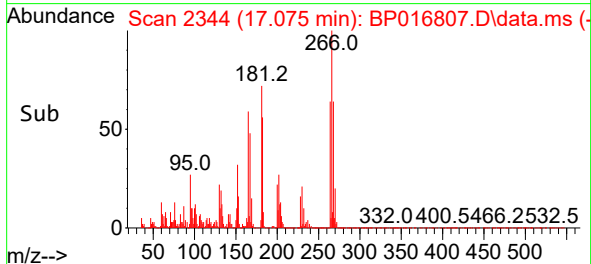
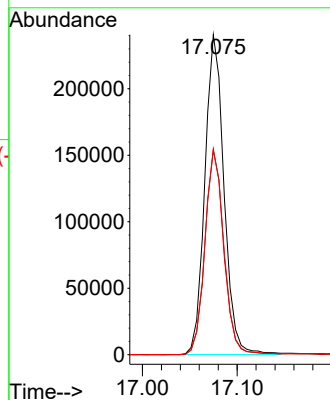
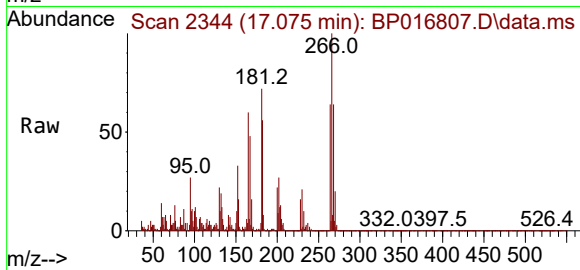
Tgt Ion:266 Resp: 337578

Ion Ratio Lower Upper

266 100

264 64.2 50.7 76.1

268 63.8 50.8 76.2



#72

Phenanthrene

Concen: 11.765 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

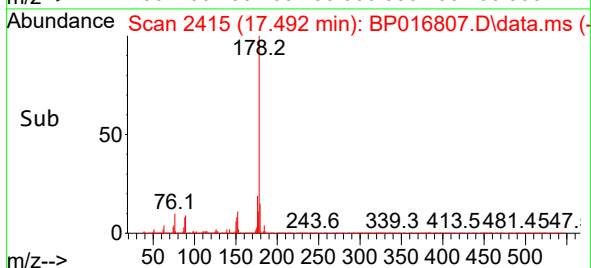
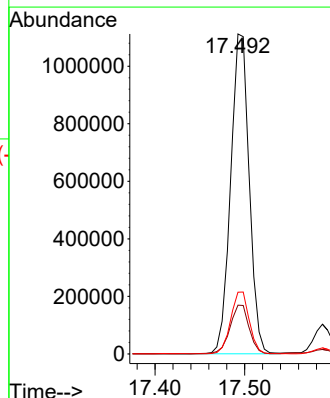
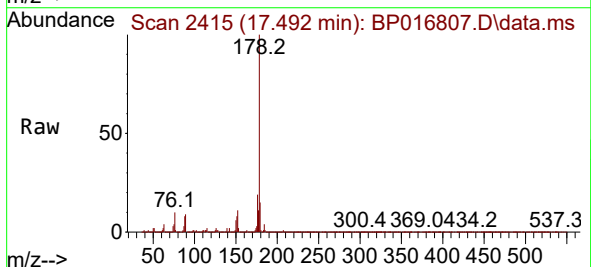
Tgt Ion:178 Resp: 1595085

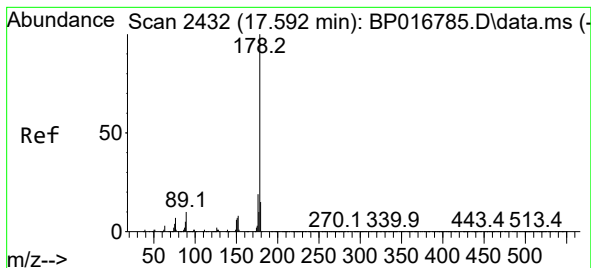
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.3 15.6 23.4





#74

Anthracene

Concen: 1.006 ng/ul

RT: 17.587 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA\_P

ClientSampleId :

DCHJ0

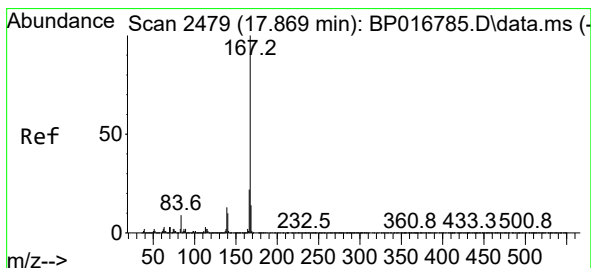
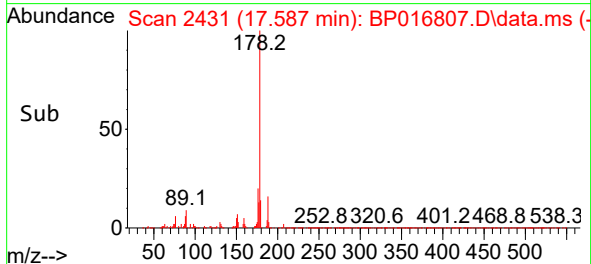
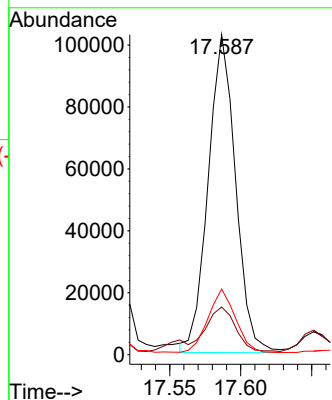
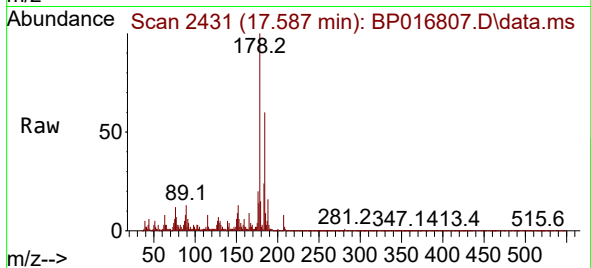
Tgt Ion:178 Resp: 137868

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 20.5 15.3 22.9



#77

Carbazole

Concen: 65.850 ng/ul

RT: 17.875 min Scan# 2480

Delta R.T. 0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Tgt Ion:167 Resp: 8129945

Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.2

139 13.3 10.4 15.6

