

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052322\  
 Data File : BP010523.D  
 Acq On : 24 May 2022 19:07  
 Operator : CG/JU  
 Sample : N2950-09  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

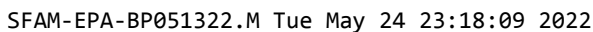
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTH2

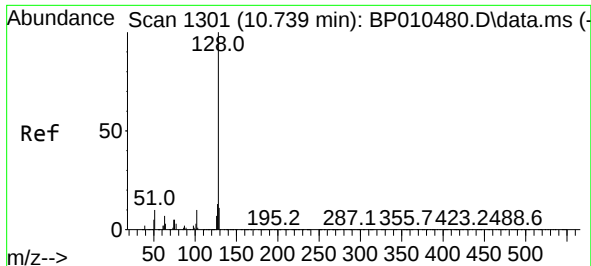
Quant Time: May 24 23:18:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 155088   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.687 | 136  | 708254   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.516 | 164  | 475230   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 1030360  | 20.000  | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.351 | 240  | 848295   | 20.000  | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.768 | 264  | 642258   | 20.000  | ng/ul  | 0.00     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.281  | 96   | 146      | 0.040   | ng/uL  | -0.06    |
| 4) Pyridine-d5                | 3.764  | 84   | 118424   | 11.463  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.052  | 99   | 99749    | 7.663   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.216  | 67   | 307236   | 35.130  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.416  | 132  | 275980   | 27.708  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.593  | 113  | 197273   | 17.833  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.046  | 128  | 195046   | 35.583  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.769  | 143  | 206244   | 35.504  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.310 | 165  | 346495   | 31.545  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.822 | 131  | 382187   | 23.401  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.928 | 166  | 1355871  | 38.724  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.210 | 160  | 1463296  | 36.232  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.722 | 143  | 36113    | 5.795   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.510 | 176  | 1176657  | 38.628  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 200  | 212698   | 35.297  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.369 | 188  | 1942769  | 41.640  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 2259924  | 50.165  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.616 | 264  | 1403204  | 43.510  | ng/ul  | 0.00     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        | Qvalue   |
| 30) Naphthalene               | 10.746 | 128  | 13922465 | 376.352 | ng/ul  | 97       |
| 32) 4-Chloroaniline           | 10.746 | 127  | 1873878  | 115.614 | ng/ul# | 2        |
| 36) 2-Methylnaphthalene       | 12.345 | 142  | 799863   | 30.542  | ng/ul  | 90       |
| 37) 1-Methylnaphthalene       | 12.563 | 142  | 440648   | 16.664  | ng/ul# | 97       |
| 43) 1,1'-Biphenyl             | 13.351 | 154  | 319010   | 9.145   | ng/ul# | 93       |
| 50) Acenaphthylene            | 14.240 | 152  | 75960    | 1.739   | ng/ul  | 95       |
| 52) Acenaphthene              | 14.581 | 153  | 593143   | 20.811  | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.916 | 168  | 1080176  | 25.860  | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.145 | 232  | 36153    | 4.165   | ng/ul# | 82       |
| 61) Fluorene                  | 15.563 | 166  | 538902   | 15.777  | ng/ul# | 92       |
| 66) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 41827    | 6.960   | ng/ul# | 74       |
| 71) Pentachlorophenol         | 16.922 | 266  | 128741   | 16.810  | ng/ul# | 84       |
| 72) Phenanthrene              | 17.310 | 178  | 712420   | 12.956  | ng/ul  | 98       |
| 74) Anthracene                | 17.404 | 178  | 64468    | 1.169   | ng/ul  | 98       |
| 77) Carbazole                 | 17.675 | 167  | 2215901  | 45.707  | ng/ul# | 95       |
| -----                         |        |      |          |         |        |          |

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

Quant Time: May 24 23:18:02 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 24 05:50:40 2022  
Response via : Initial Calibration

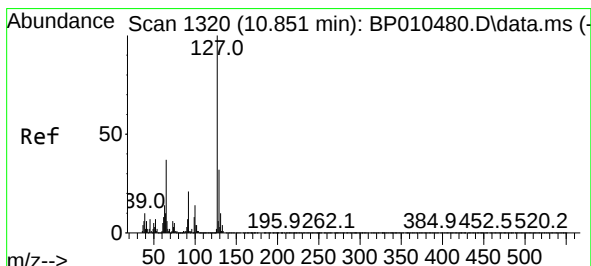
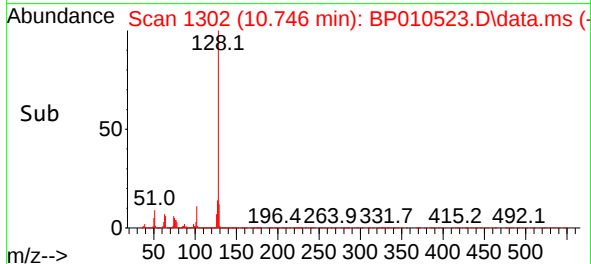
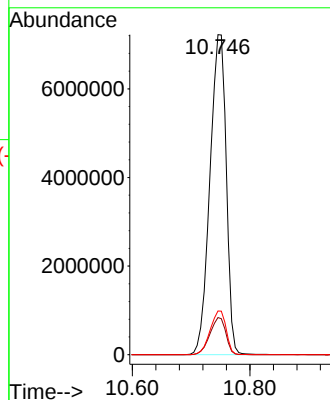
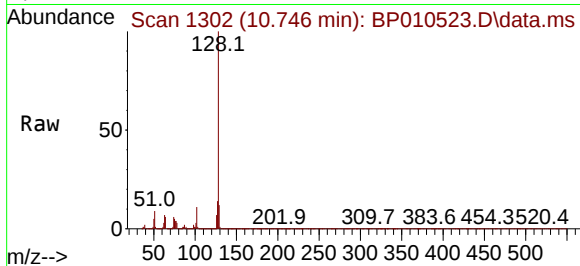




#30  
Naphthalene  
Concen: 376.352 ng/ul  
RT: 10.746 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

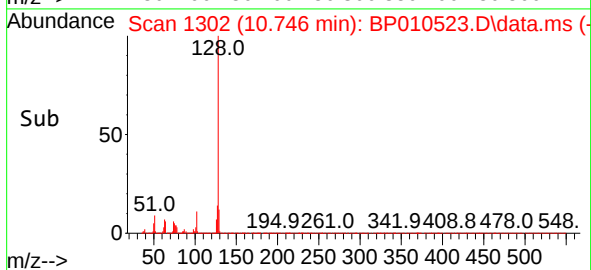
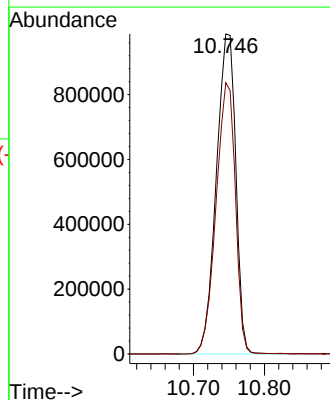
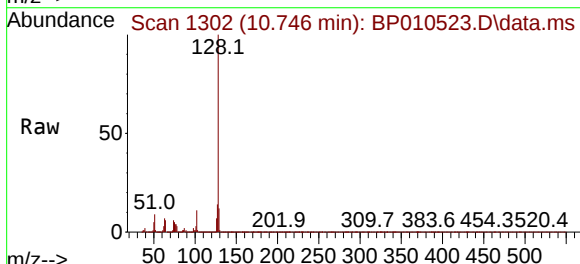
Instrument :  
BNA\_P  
ClientSampleId :  
DBTH2

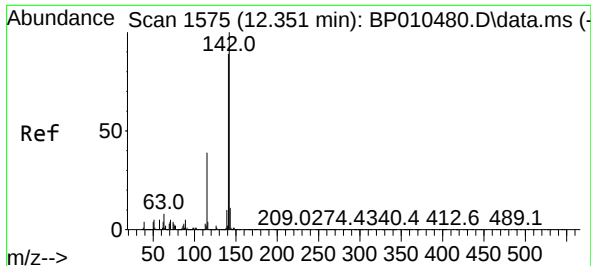
Tgt Ion:128 Resp:13922465  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.6 13.0  
127 13.7 12.2 18.4



#32  
4-Chloroaniline  
Concen: 115.614 ng/ul  
RT: 10.746 min Scan# 1302  
Delta R.T. -0.100 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

Tgt Ion:127 Resp: 1873878  
Ion Ratio Lower Upper  
127 100  
129 84.8 24.6 37.0#

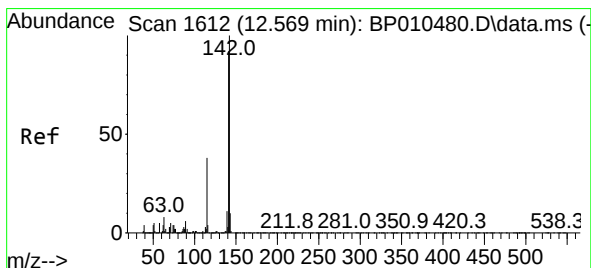
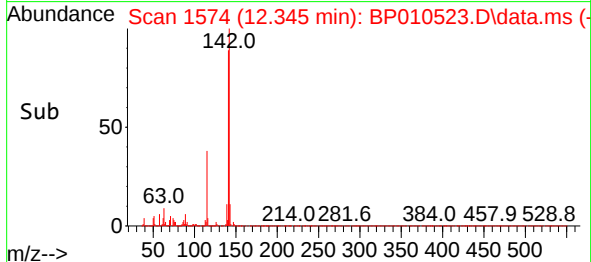
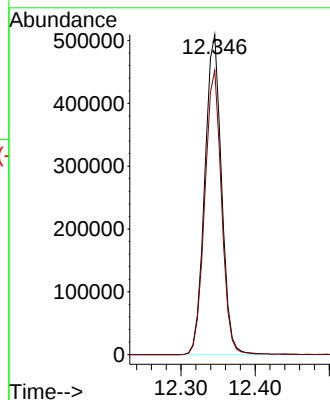
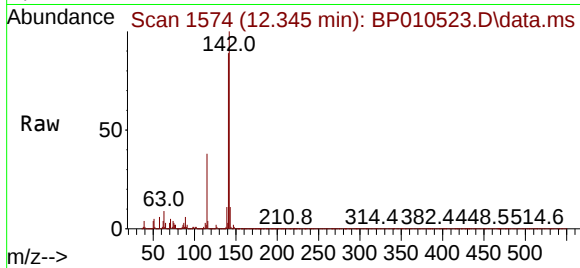




#36  
2-Methylnaphthalene  
Concen: 30.542 ng/ul  
RT: 12.345 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

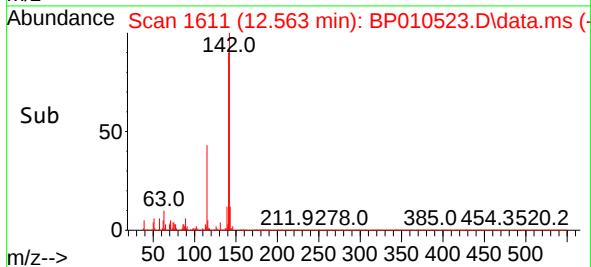
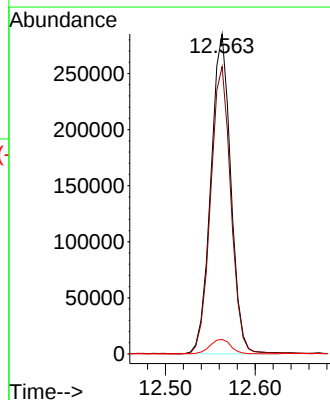
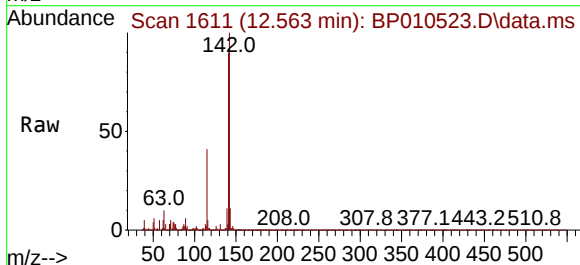
Instrument :  
BNA\_P  
ClientSampleId :  
DBTH2

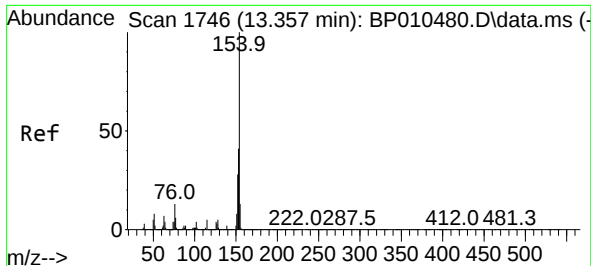
Tgt Ion:142 Resp: 799863  
Ion Ratio Lower Upper  
142 100  
141 88.9 64.3 96.5



#37  
1-Methylnaphthalene  
Concen: 16.664 ng/ul  
RT: 12.563 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

Tgt Ion:142 Resp: 440648  
Ion Ratio Lower Upper  
142 100  
141 89.8 69.8 104.8  
116 4.6 5.6 8.4#

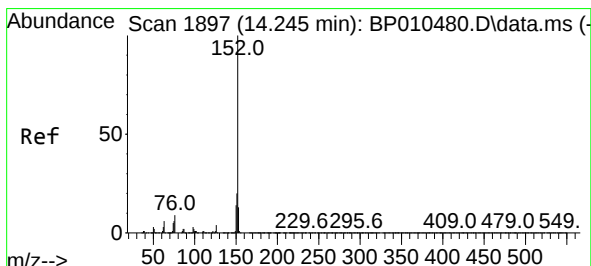
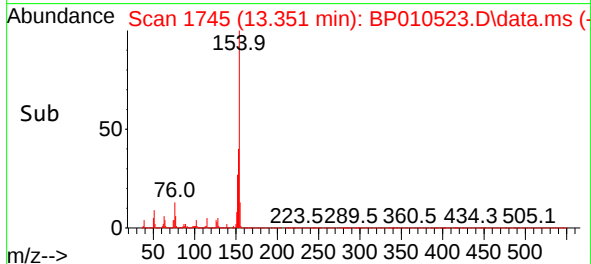
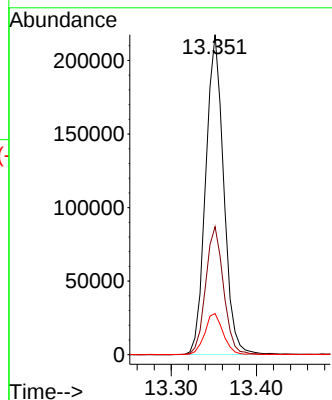
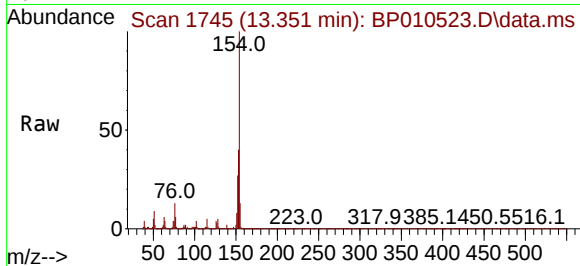




#43  
1,1'-Biphenyl  
Concen: 9.145 ng/ul  
RT: 13.351 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

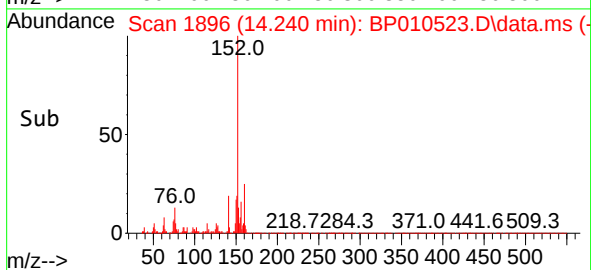
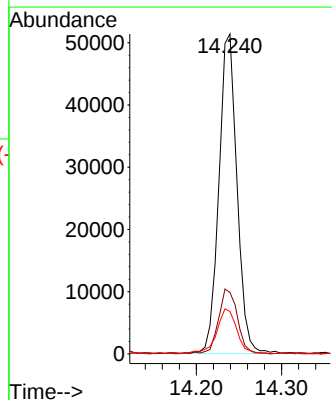
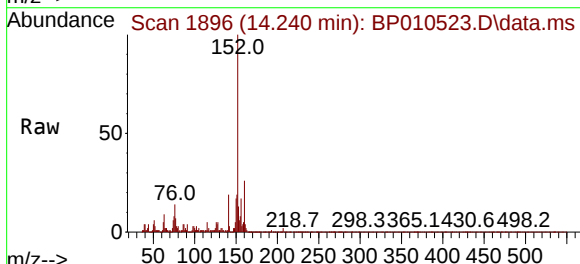
Instrument :  
BNA\_P  
ClientSampleId :  
DBTH2

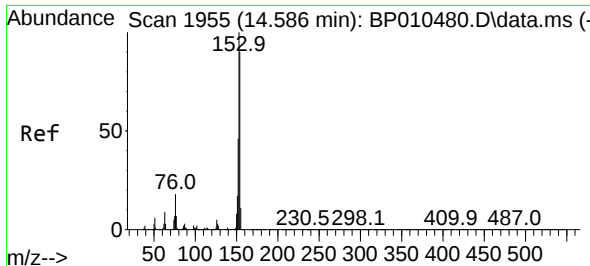
Tgt Ion:154 Resp: 319010  
Ion Ratio Lower Upper  
154 100  
153 40.0 28.6 43.0  
76 12.9 8.5 12.7#



#50  
Acenaphthylene  
Concen: 1.739 ng/ul  
RT: 14.240 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

Tgt Ion:152 Resp: 75960  
Ion Ratio Lower Upper  
152 100  
151 19.2 18.3 27.5  
153 13.3 11.0 16.6

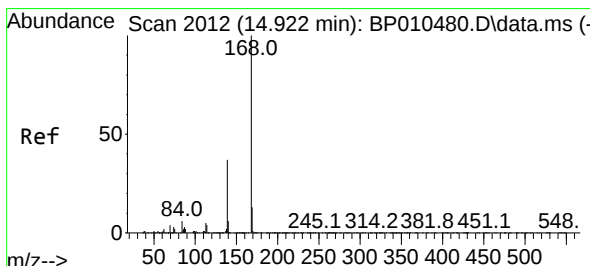
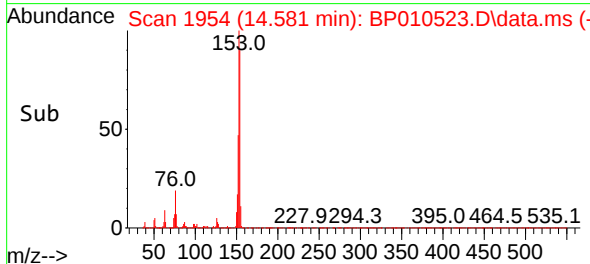
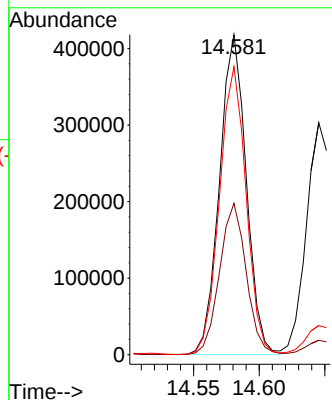
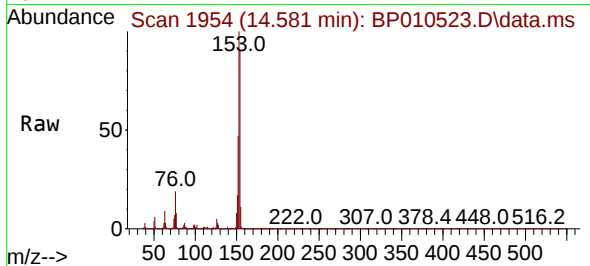




#52  
Acenaphthene  
Concen: 20.811 ng/ul  
RT: 14.581 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

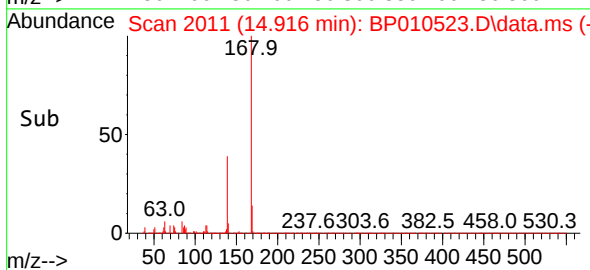
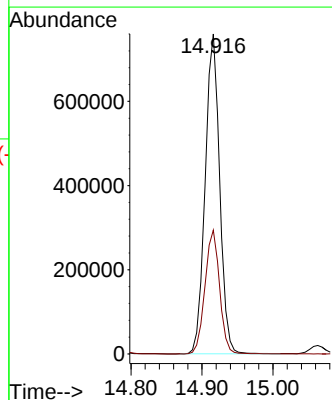
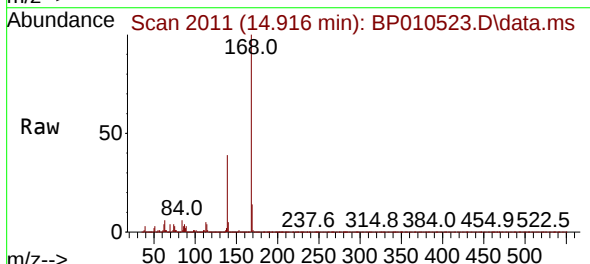
Instrument :  
BNA\_P  
ClientSampleId :  
DBTH2

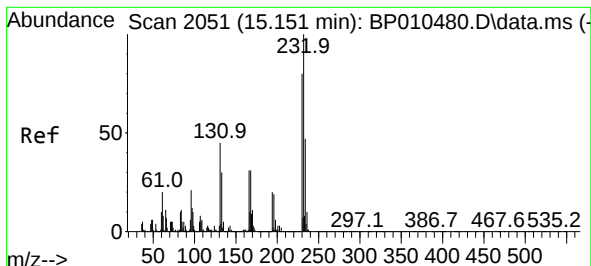
Tgt Ion:153 Resp: 593143  
Ion Ratio Lower Upper  
153 100  
152 47.3 34.3 51.5  
154 90.0 70.0 105.0



#56  
Dibenzofuran  
Concen: 25.860 ng/ul  
RT: 14.916 min Scan# 2011  
Delta R.T. -0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

Tgt Ion:168 Resp: 1080176  
Ion Ratio Lower Upper  
168 100  
139 38.7 30.1 45.1

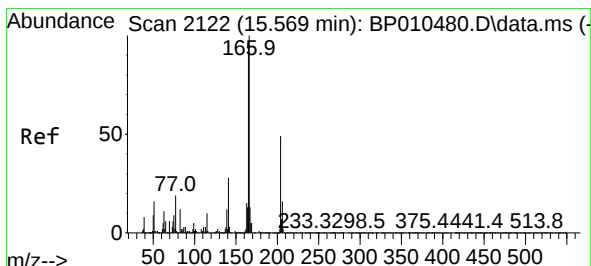
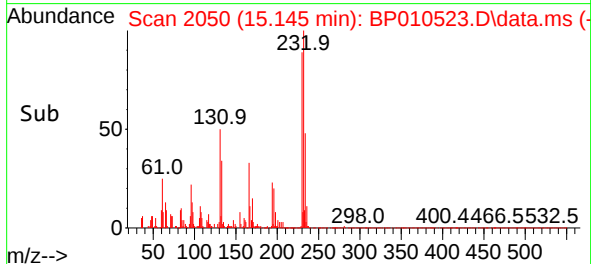
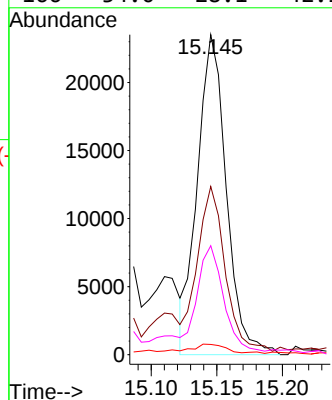
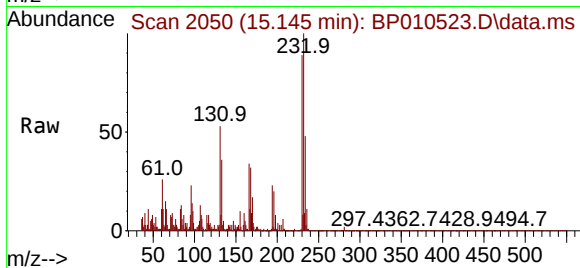




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.165 ng/ul  
RT: 15.145 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

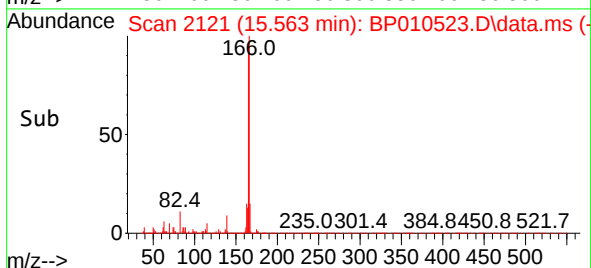
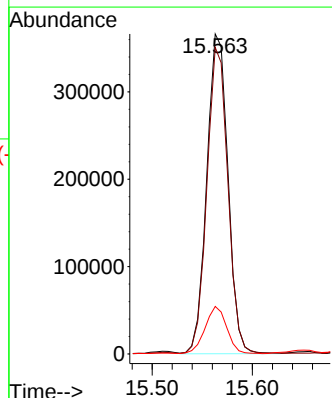
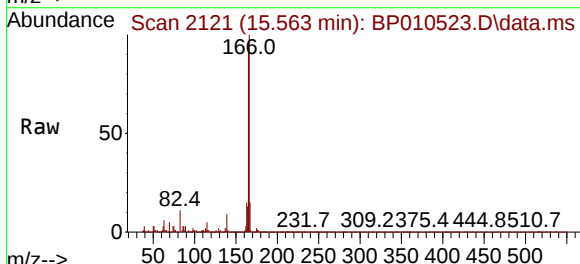
Instrument :  
BNA\_P  
ClientSampleId :  
DBTH2

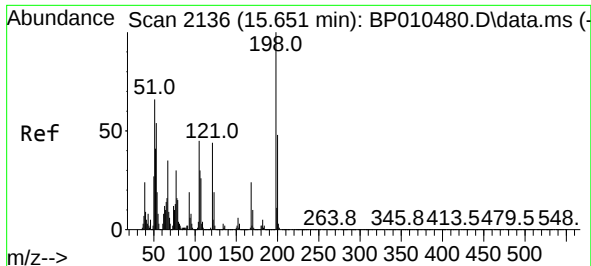
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:232 | Resp: | 36153      |
| Ion Ratio   | Lower | Upper      |
| 232         | 100   |            |
| 131         | 52.5  | 25.4 38.2# |
| 130         | 3.2   | 4.2 6.2#   |
| 166         | 34.0  | 28.1 42.1  |



#61  
Fluorene  
Concen: 15.777 ng/ul  
RT: 15.563 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 538902     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 95.8  | 70.3 105.5 |
| 167         | 14.8  | 9.5 14.3#  |

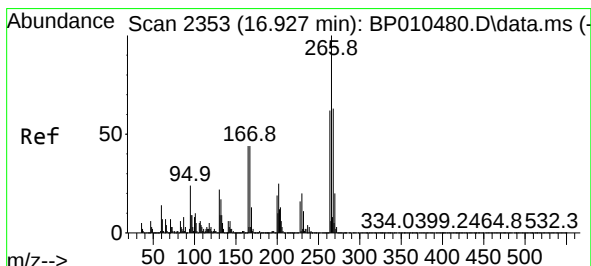
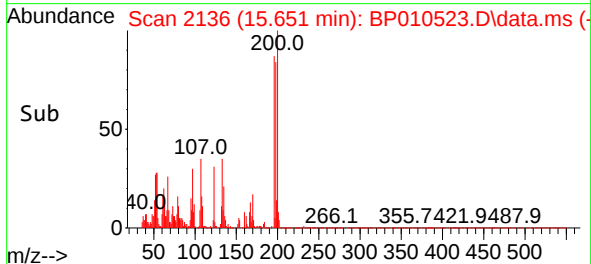
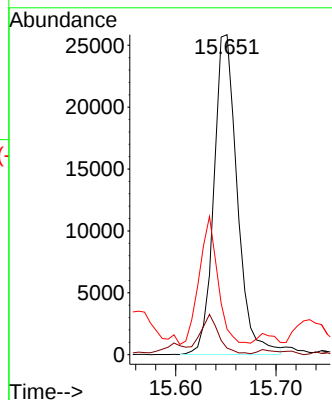
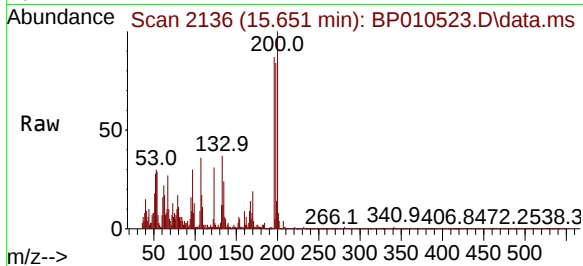




#66  
4,6-Dinitro-2-methylphenol  
Concen: 6.960 ng/ul  
RT: 15.651 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

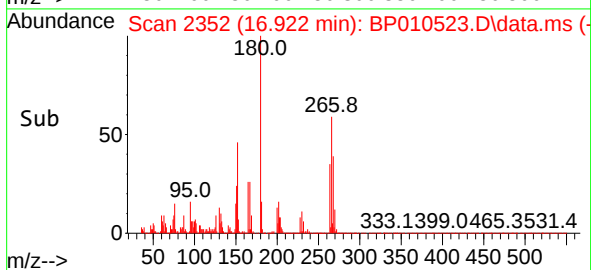
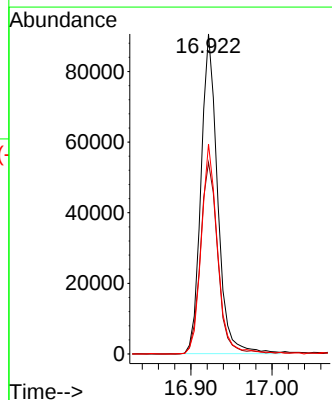
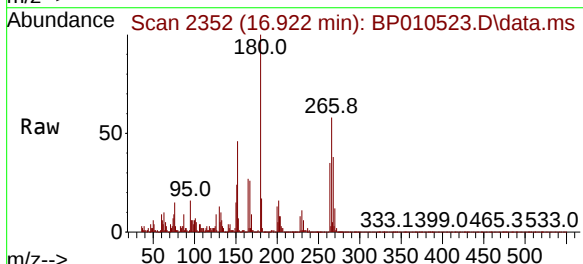
Instrument :  
BNA\_P  
ClientSampleId :  
DBTH2

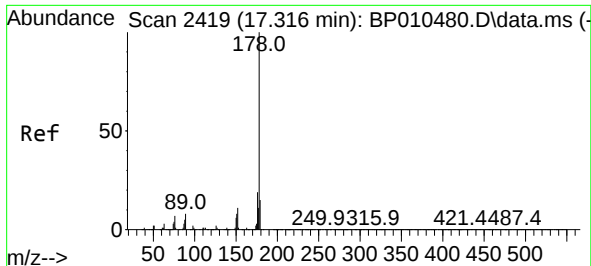
Tgt Ion:198 Resp: 41827  
Ion Ratio Lower Upper  
198 100  
182 2.0 6.0 9.0#  
77 7.9 17.7 26.5#



#71  
Pentachlorophenol  
Concen: 16.810 ng/ul  
RT: 16.922 min Scan# 2352  
Delta R.T. 0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

Tgt Ion:266 Resp: 128741  
Ion Ratio Lower Upper  
266 100  
264 59.9 57.3 85.9  
268 65.6 65.7 98.5#

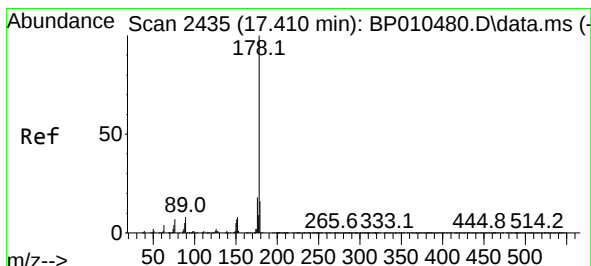
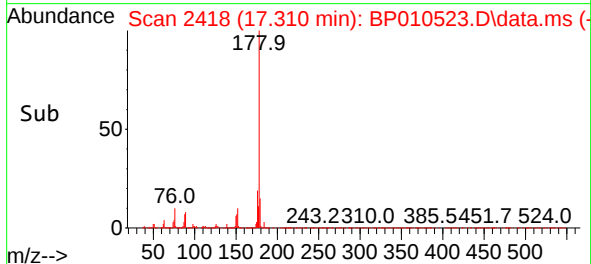
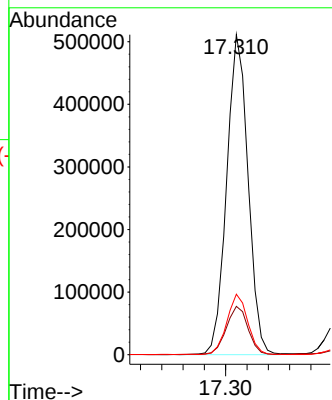
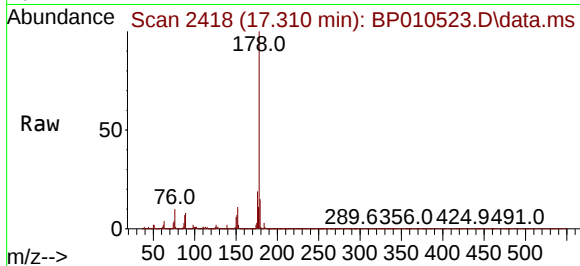




#72  
Phenanthrene  
Concen: 12.956 ng/ul  
RT: 17.310 min Scan# 2418  
Delta R.T. -0.006 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

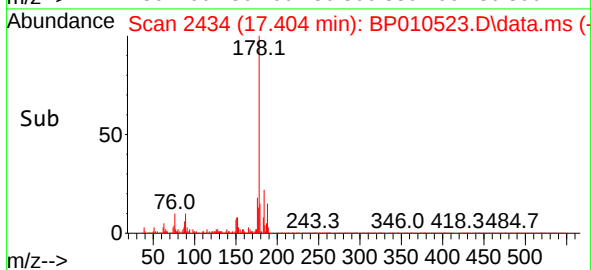
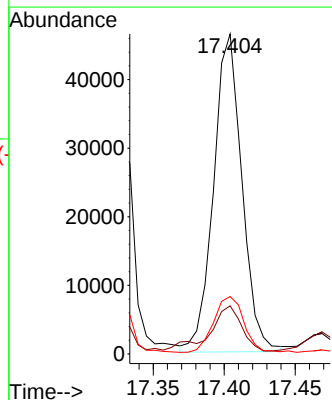
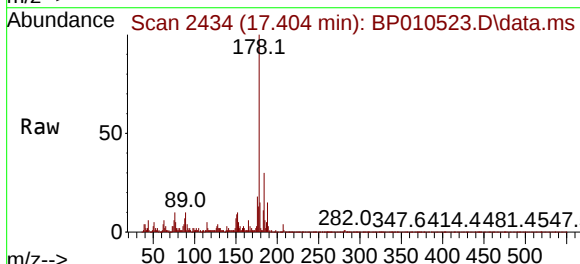
Instrument :  
BNA\_P  
ClientSampleId :  
DBTH2

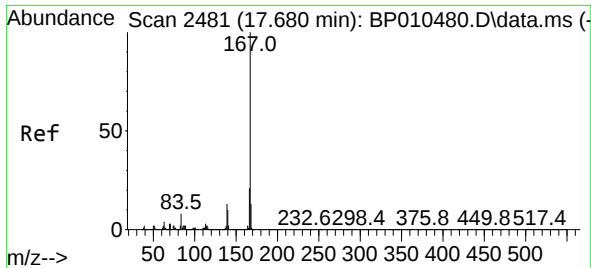
Tgt Ion:178 Resp: 712420  
Ion Ratio Lower Upper  
178 100  
179 15.1 11.7 17.5  
176 18.9 14.5 21.7



#74  
Anthracene  
Concen: 1.169 ng/ul  
RT: 17.404 min Scan# 2434  
Delta R.T. 0.000 min  
Lab File: BP010523.D  
Acq: 24 May 2022 19:07

Tgt Ion:178 Resp: 64468  
Ion Ratio Lower Upper  
178 100  
179 15.1 12.3 18.5  
176 18.0 13.4 20.2





#77  
 Carbazole  
 Concen: 45.707 ng/ul  
 RT: 17.675 min Scan# 2481  
 Delta R.T. 0.000 min  
 Lab File: BP010523.D  
 Acq: 24 May 2022 19:07

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTH2

Tgt Ion:167 Resp: 2215901  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 15.8 23.8  
 139 13.3 8.3 12.5#

