

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052322\  
 Data File : BP010513.D  
 Acq On : 24 May 2022 13:29  
 Operator : CG/JU  
 Sample : N2950-03DL 5X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTE9DL

Quant Time: May 24 23:16:22 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

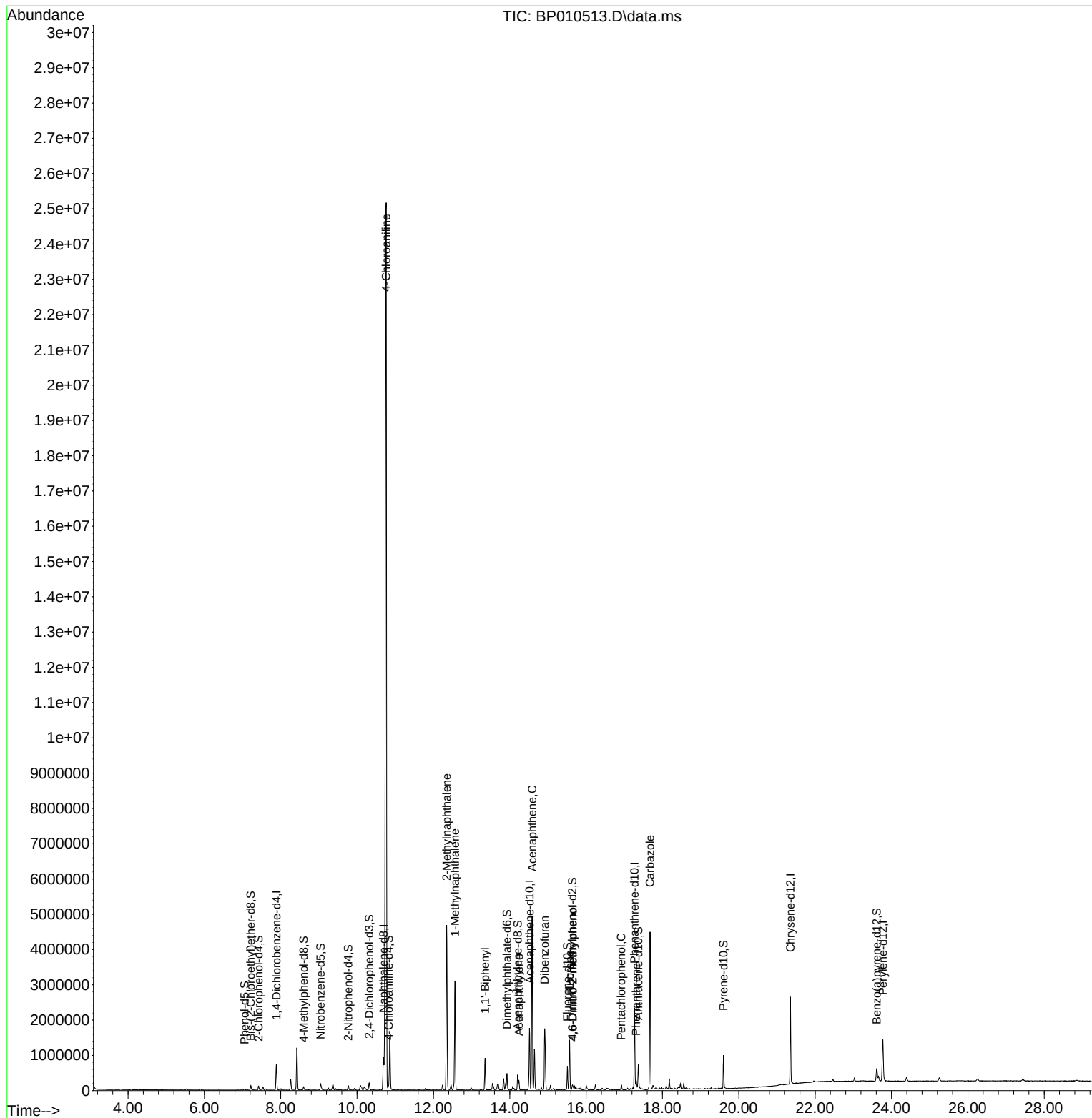
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 188008   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.693 | 136  | 860859   | 20.000  | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.516 | 164  | 593777   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 1321021  | 20.000  | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.351 | 240  | 1183313  | 20.000  | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.774 | 264  | 921589   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.405  | 96   | 182      | 0.041   | ng/uL  | 0.06     |
| 4) Pyridine-d5                | 3.752  | 84   | 623      | 0.050   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.052  | 99   | 15934    | 1.010   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.216  | 67   | 62063    | 5.854   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.422  | 132  | 51240    | 4.244   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.599  | 113  | 36306    | 2.707   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.046  | 128  | 37215    | 5.586   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.769  | 143  | 36822    | 5.215   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.316 | 165  | 64223    | 4.810   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.828 | 131  | 59719    | 3.008   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.928 | 166  | 271231   | 6.200   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.210 | 160  | 291938   | 5.785   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 135      | 0.017   | ng/ul  | -0.04    |
| 60) Fluorene-d10              | 15.510 | 176  | 239510   | 6.293   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.640 | 200  | 26201    | 3.391   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.369 | 188  | 397915   | 6.652   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 484166   | 7.705   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.616 | 264  | 294988   | 6.374   | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 32) 4-Chloroaniline           | 10.763 | 127  | 3349233  | 170.008 | ng/ul# | 5        |
| 36) 2-Methylnaphthalene       | 12.346 | 142  | 2114132  | 66.416  | ng/ul  | 92       |
| 37) 1-Methylnaphthalene       | 12.563 | 142  | 1303925  | 40.570  | ng/ul# | 96       |
| 43) 1,1'-Biphenyl             | 13.351 | 154  | 451467   | 10.359  | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.240 | 152  | 130780   | 2.396   | ng/ul  | 96       |
| 52) Acenaphthene              | 14.587 | 153  | 1970644  | 55.337  | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.916 | 168  | 963890   | 18.469  | ng/ul  | 99       |
| 61) Fluorene                  | 15.569 | 166  | 631363   | 14.793  | ng/ul  | 92       |
| 66) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 9899     | 1.285   | ng/ul# | 83       |
| 71) Pentachlorophenol         | 16.922 | 266  | 19378    | 1.974   | ng/ul# | 82       |
| 72) Phenanthrene              | 17.310 | 178  | 135926   | 1.928   | ng/ul  | 98       |
| 77) Carbazole                 | 17.675 | 167  | 2649162  | 42.621  | ng/ul# | 95       |
| -----                         |        |      |          |         |        |          |

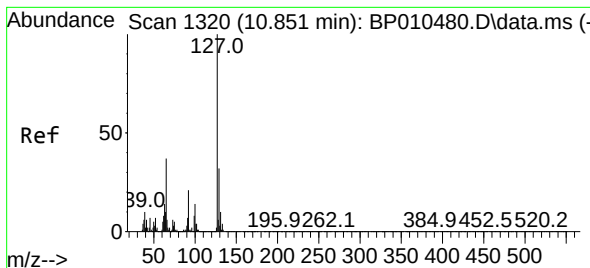
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052322\  
Data File : BP010513.D  
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Operator : CG/JU  
Sample : N2950-03DL 5X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBTE9DL

Quant Time: May 24 23:16:22 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

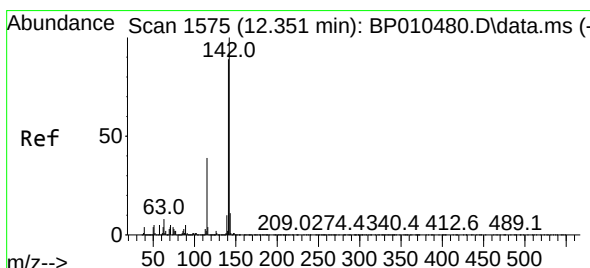
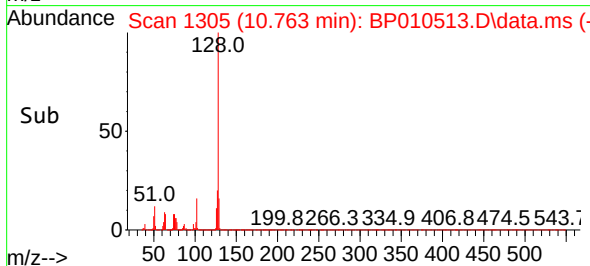
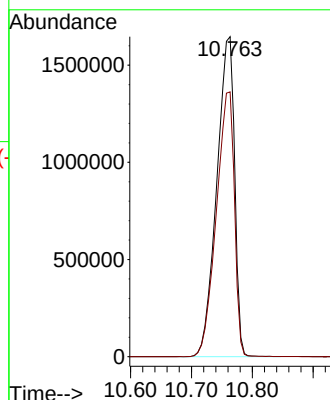
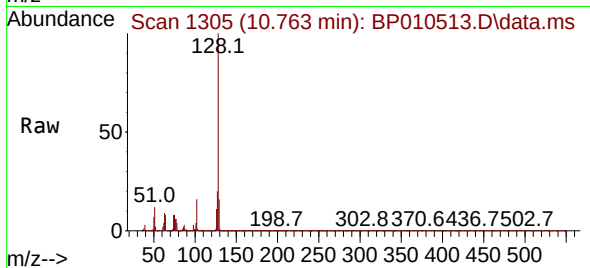




#32  
4-Chloroaniline  
Concen: 170.008 ng/ul  
RT: 10.763 min Scan# 11  
Delta R.T. -0.082 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

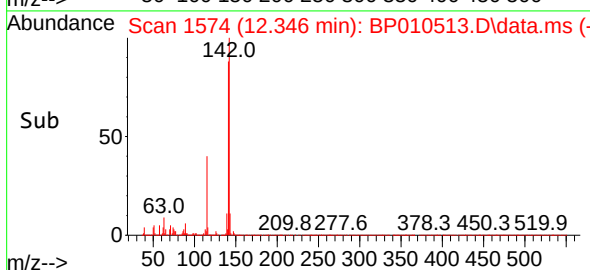
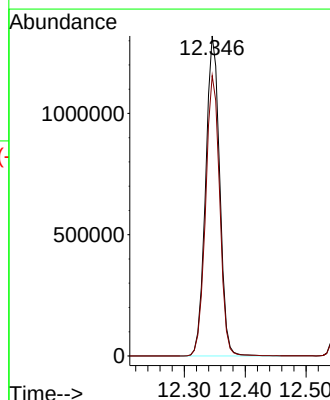
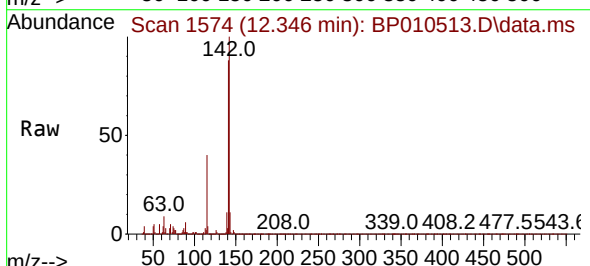
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE9DL

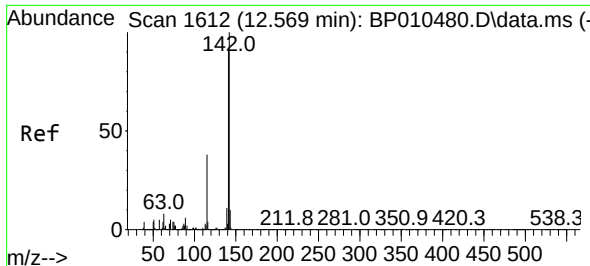
Tgt Ion:127 Resp: 3349233  
Ion Ratio Lower Upper  
127 100  
129 82.7 24.6 37.0#



#36  
2-Methylnaphthalene  
Concen: 66.416 ng/ul  
RT: 12.346 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

Tgt Ion:142 Resp: 2114132  
Ion Ratio Lower Upper  
142 100  
141 87.6 64.3 96.5





#37

1-Methylnaphthalene

Concen: 40.570 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP010513.D

Acq: 24 May 2022 13:29

Instrument :

BNA\_P

ClientSampleId :

DBTE9DL

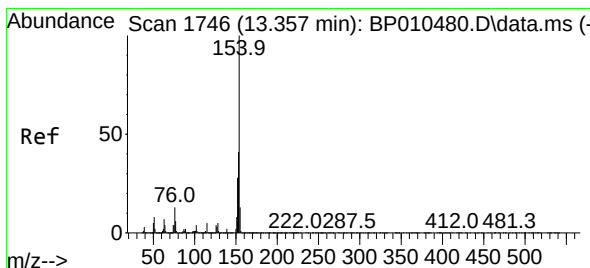
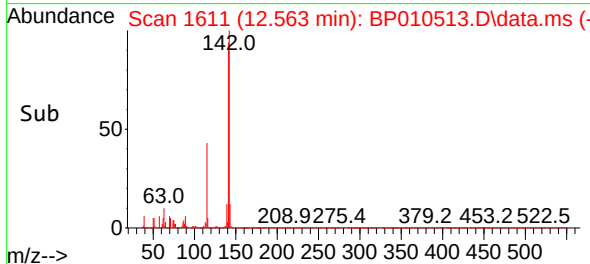
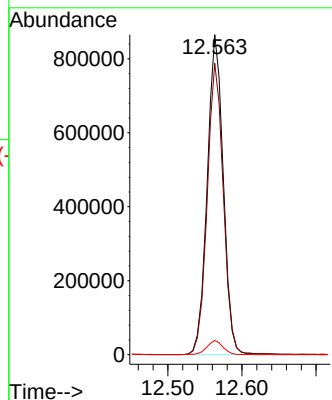
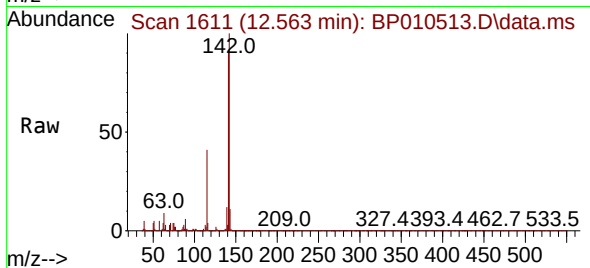
Tgt Ion:142 Resp: 1303925

Ion Ratio Lower Upper

142 100

141 91.0 69.8 104.8

116 4.5 5.6 8.4#



#43

1,1'-Biphenyl

Concen: 10.359 ng/ul

RT: 13.351 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BP010513.D

Acq: 24 May 2022 13:29

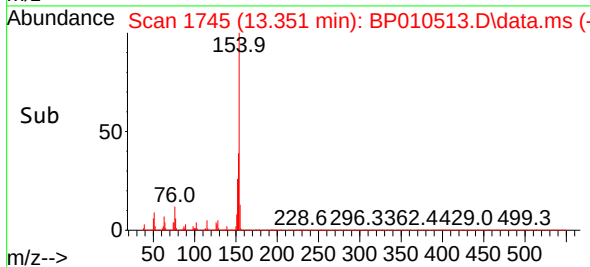
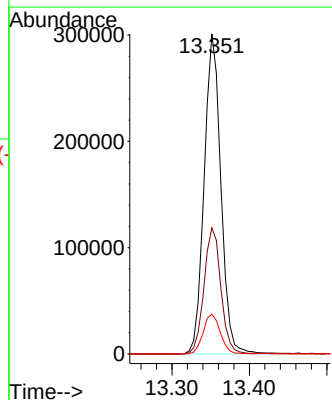
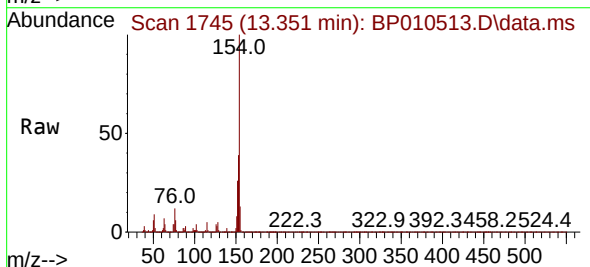
Tgt Ion:154 Resp: 451467

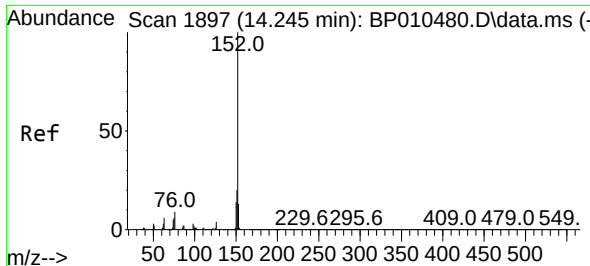
Ion Ratio Lower Upper

154 100

153 39.4 28.6 43.0

76 12.4 8.5 12.7

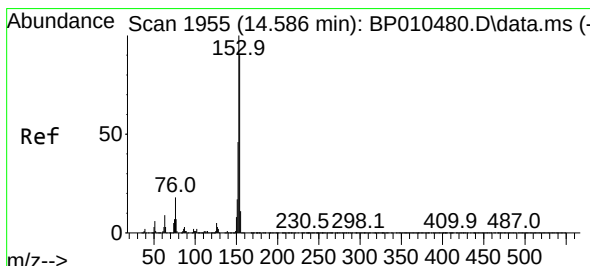
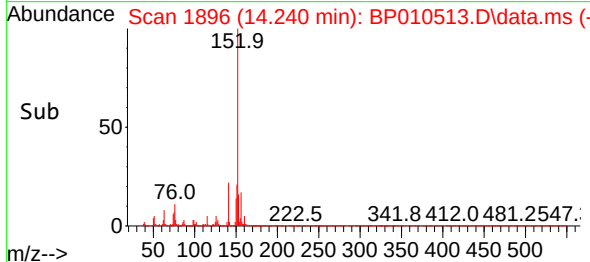
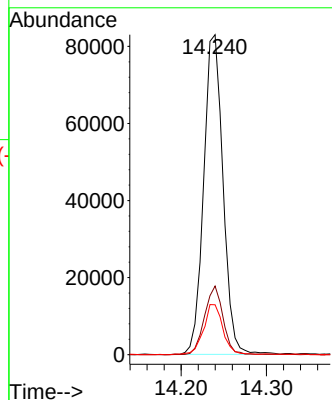
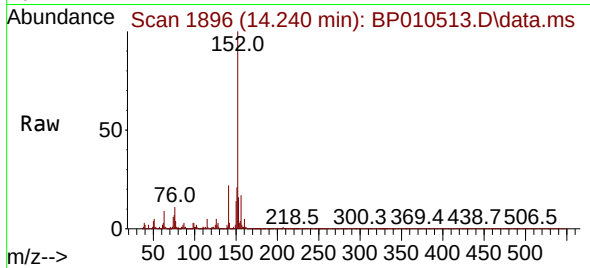




#50  
Acenaphthylene  
Concen: 2.396 ng/ul  
RT: 14.240 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

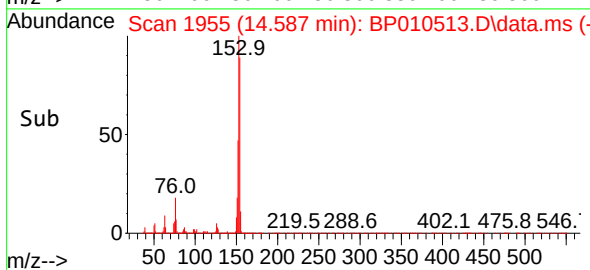
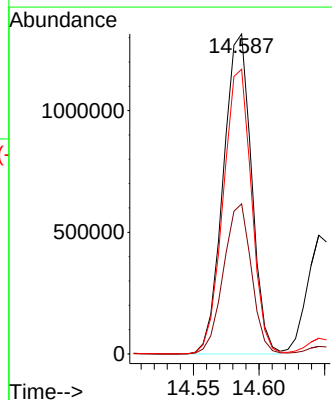
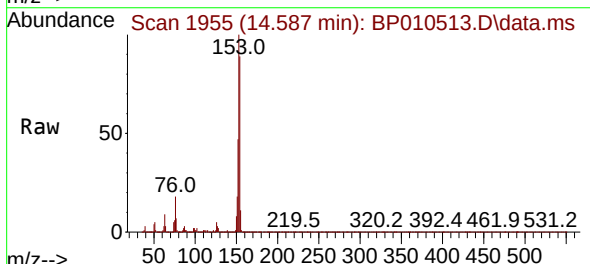
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE9DL

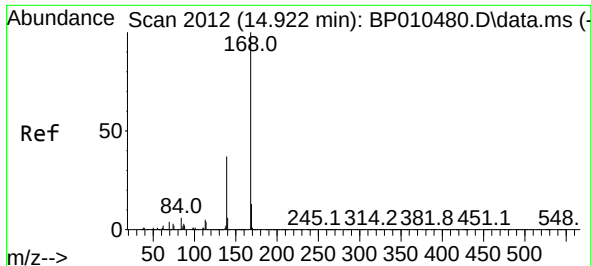
Tgt Ion:152 Resp: 130780  
Ion Ratio Lower Upper  
152 100  
151 21.4 18.3 27.5  
153 15.6 11.0 16.6



#52  
Acenaphthene  
Concen: 55.337 ng/ul  
RT: 14.587 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

Tgt Ion:153 Resp: 1970644  
Ion Ratio Lower Upper  
153 100  
152 46.9 34.3 51.5  
154 89.0 70.0 105.0

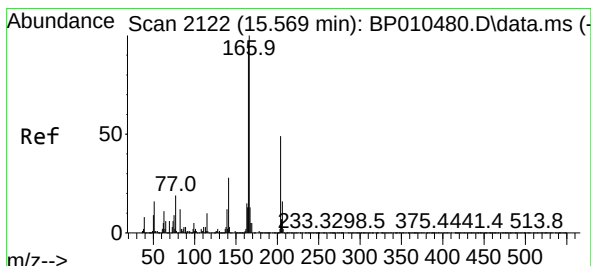
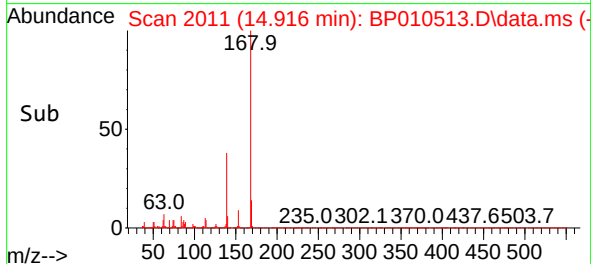
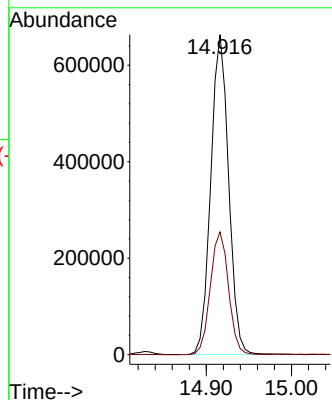
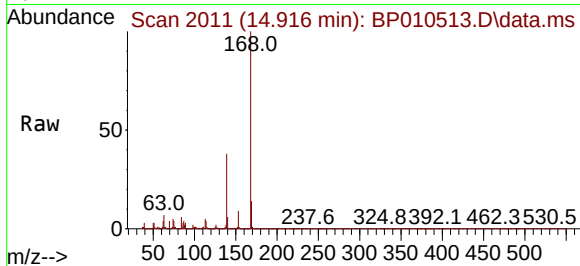




#56  
Dibenzofuran  
Concen: 18.469 ng/ul  
RT: 14.916 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

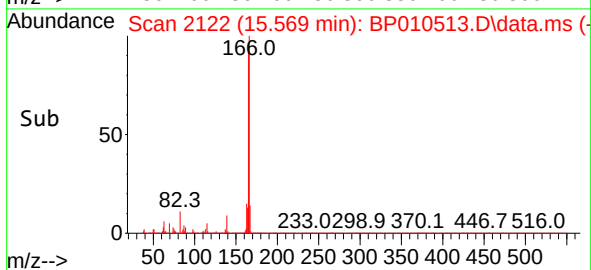
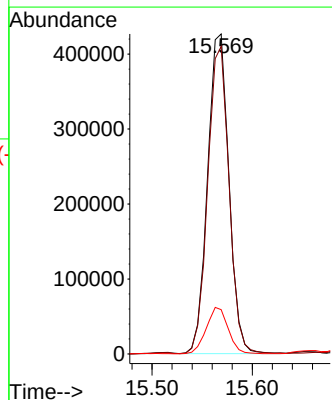
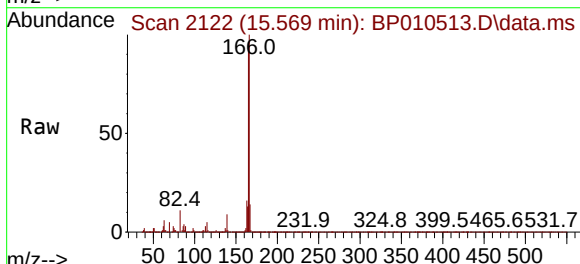
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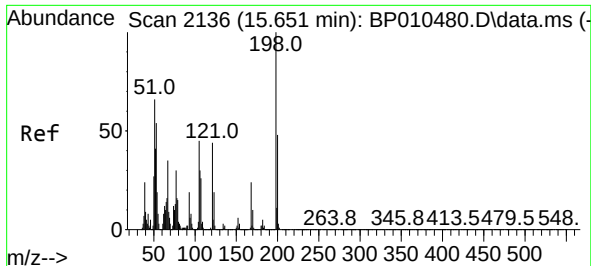
Tgt Ion:168 Resp: 963890  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.1 45.1



#61  
Fluorene  
Concen: 14.793 ng/ul  
RT: 15.569 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

Tgt Ion:166 Resp: 631363  
Ion Ratio Lower Upper  
166 100  
165 96.1 70.3 105.5  
167 13.9 9.5 14.3

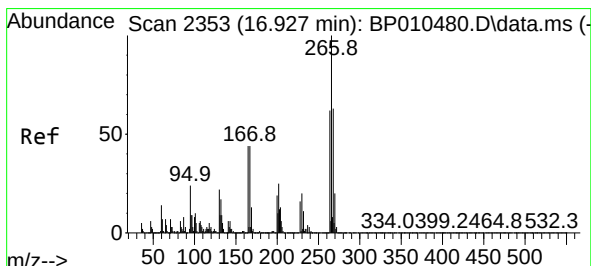
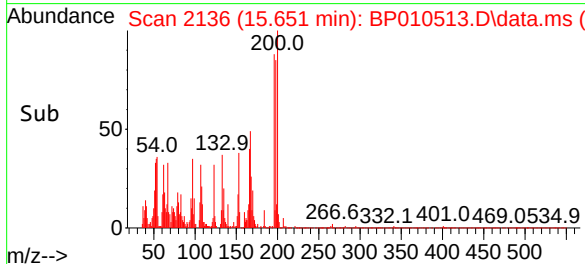
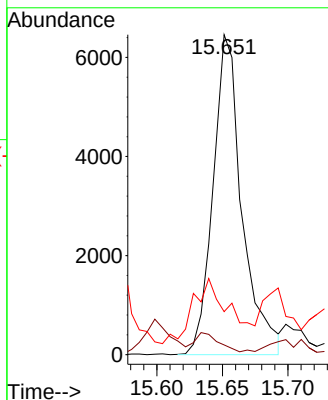
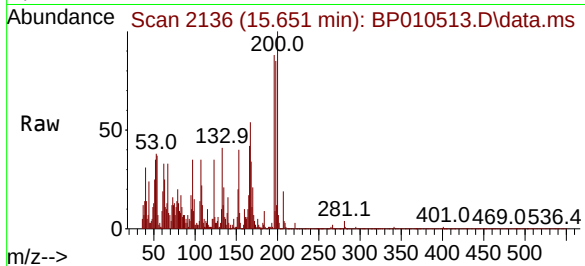




#66  
4,6-Dinitro-2-methylphenol  
Concen: 1.285 ng/ul  
RT: 15.651 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

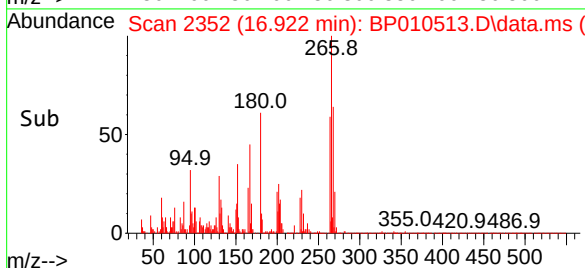
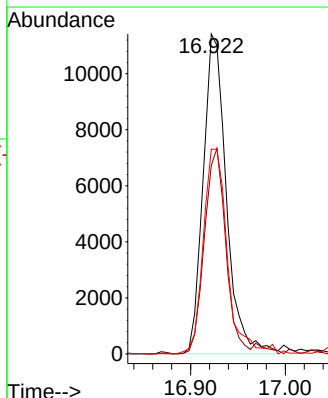
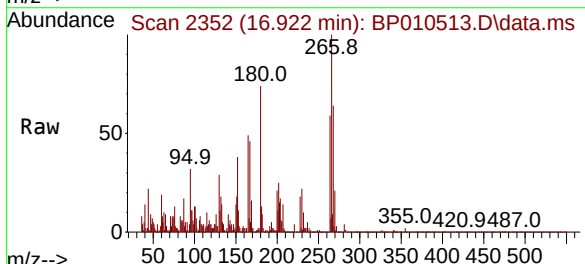
Instrument :  
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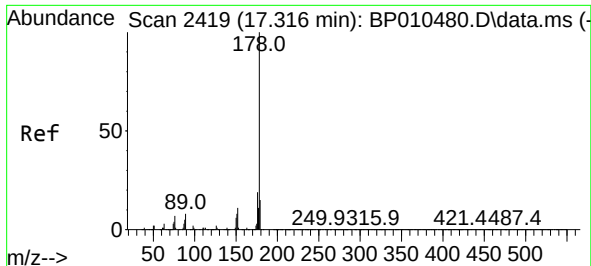
Tgt Ion:198 Resp: 9899  
Ion Ratio Lower Upper  
198 100  
182 3.1 6.0 9.0#  
77 13.5 17.7 26.5#



#71  
Pentachlorophenol  
Concen: 1.974 ng/ul  
RT: 16.922 min Scan# 2352  
Delta R.T. 0.000 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

Tgt Ion:266 Resp: 19378  
Ion Ratio Lower Upper  
266 100  
264 58.9 57.3 85.9  
268 64.0 65.7 98.5#

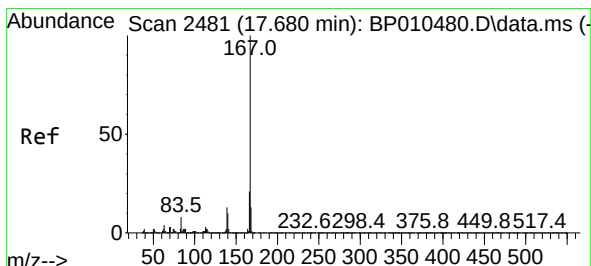
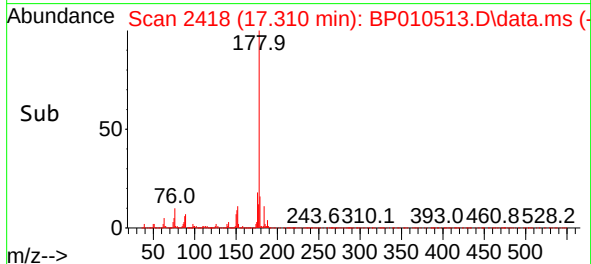
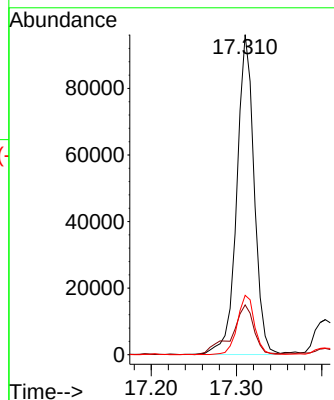
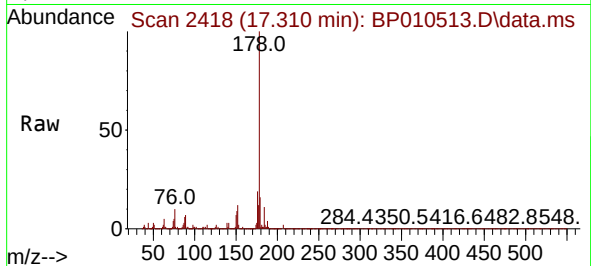




#72  
Phenanthrene  
Concen: 1.928 ng/ul  
RT: 17.310 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

Instrument :  
BNA\_P  
ClientSampleId :  
DBTE9DL

Tgt Ion:178 Resp: 135926  
Ion Ratio Lower Upper  
178 100  
179 15.6 11.7 17.5  
176 18.6 14.5 21.7



#77  
Carbazole  
Concen: 42.621 ng/ul  
RT: 17.675 min Scan# 2480  
Delta R.T. 0.000 min  
Lab File: BP010513.D  
Acq: 24 May 2022 13:29

Tgt Ion:167 Resp: 2649162  
Ion Ratio Lower Upper  
167 100  
166 21.2 15.8 23.8  
139 13.3 8.3 12.5#

