

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010536.D  
 Acq On : 25 May 2022 15:19  
 Operator : CG/JU  
 Sample : N2950-16DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTF2DL

Quant Time: May 25 23:26:38 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

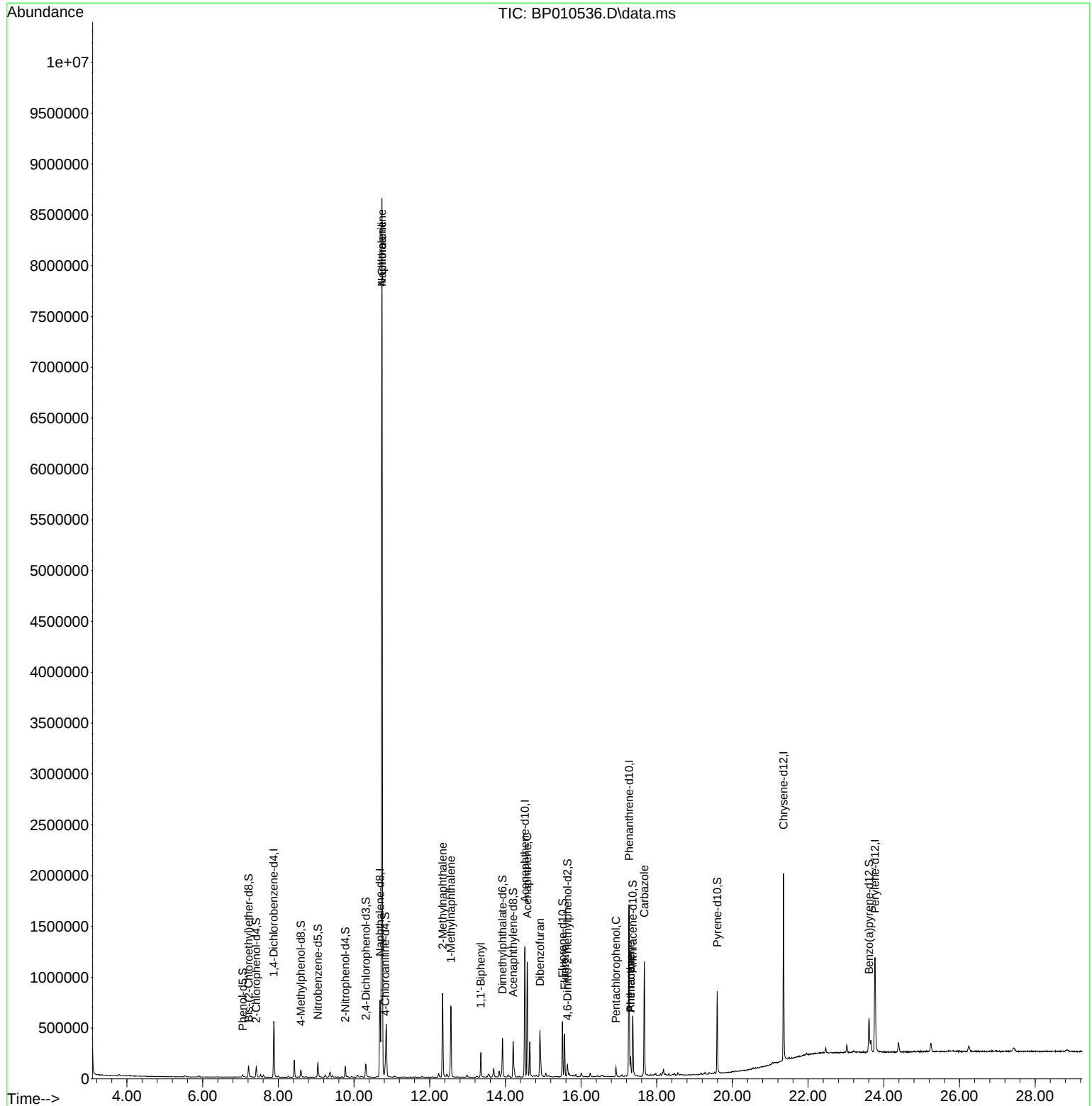
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.881  | 152  | 142778   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.687 | 136  | 626652   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.516 | 164  | 432355   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 978554   | 20.000  | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.351 | 240  | 911069   | 20.000  | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.769 | 264  | 726930   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.340  | 96   | 3198     | 0.955   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.758  | 84   | 325      | 0.034   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.058  | 99   | 14157    | 1.181   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.216  | 67   | 52249    | 6.489   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.416  | 132  | 44720    | 4.877   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.593  | 113  | 30207    | 2.966   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.046  | 128  | 30435    | 6.275   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.769  | 143  | 28450    | 5.535   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.310 | 165  | 47200    | 4.857   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.828 | 131  | 63038    | 4.362   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.922 | 166  | 237251   | 7.448   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.204 | 160  | 240196   | 6.537   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.698 | 143  | 53       | 0.009   | ng/ul  | -0.02    |
| 60) Fluorene-d10              | 15.510 | 176  | 200159   | 7.223   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.640 | 200  | 24669    | 4.311   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.363 | 188  | 327761   | 7.397   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 417225   | 8.623   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.610 | 264  | 263952   | 7.231   | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.740 | 128  | 6584419  | 201.167 | ng/ul  | 97       |
| 32) 4-Chloroaniline           | 10.740 | 127  | 869143   | 60.607  | ng/ul# | 4        |
| 36) 2-Methylnaphthalene       | 12.340 | 142  | 378515   | 16.335  | ng/ul  | 91       |
| 37) 1-Methylnaphthalene       | 12.563 | 142  | 309337   | 13.222  | ng/ul# | 94       |
| 43) 1,1'-Biphenyl             | 13.351 | 154  | 120553   | 3.799   | ng/ul# | 92       |
| 52) Acenaphthene              | 14.581 | 153  | 442472   | 17.064  | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.916 | 168  | 264937   | 6.972   | ng/ul  | 97       |
| 61) Fluorene                  | 15.563 | 166  | 182833   | 5.883   | ng/ul  | 92       |
| 71) Pentachlorophenol         | 16.922 | 266  | 9063     | 1.246   | ng/ul# | 83       |
| 72) Phenanthrene              | 17.310 | 178  | 104849   | 2.008   | ng/ul  | 99       |
| 74) Anthracene                | 17.310 | 178  | 104849   | 2.001   | ng/ul  | 98       |
| 77) Carbazole                 | 17.669 | 167  | 708069   | 15.379  | ng/ul# | 96       |

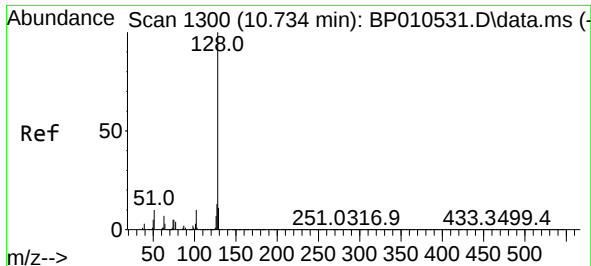
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
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Sample : N2950-16DL 5X  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBTF2DL

Quant Time: May 25 23:26:38 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

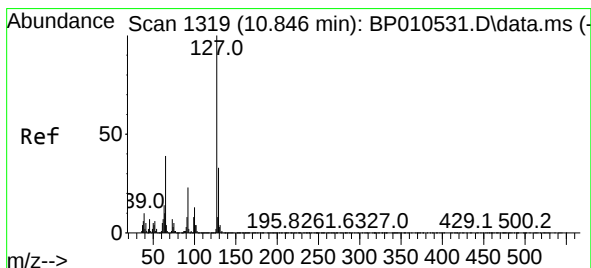
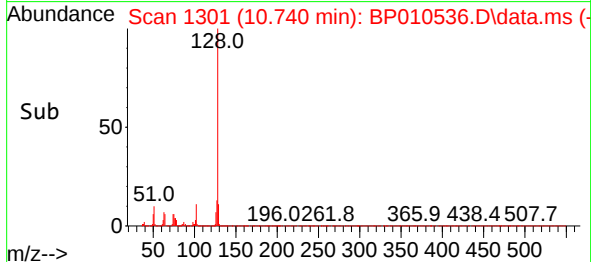
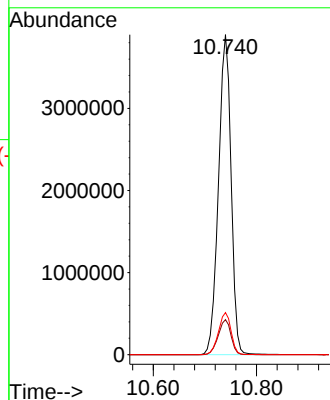
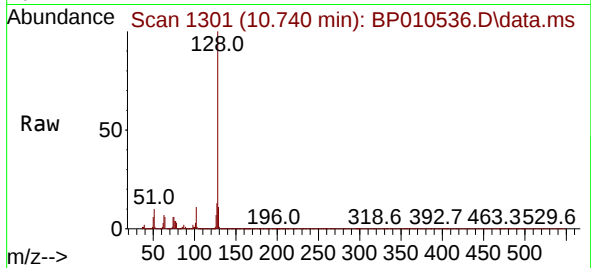




#30  
Naphthalene  
Concen: 201.167 ng/ul  
RT: 10.740 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

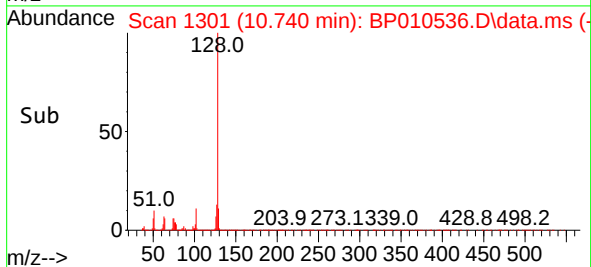
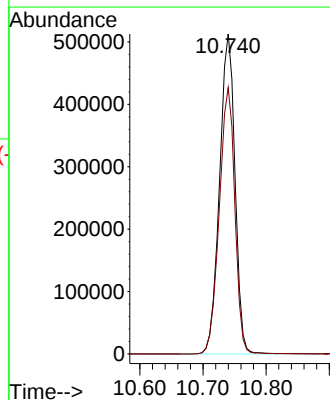
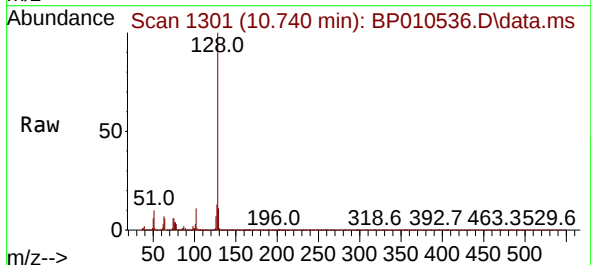
Instrument :  
BNA\_P  
ClientSampleId :  
DBTF2DL

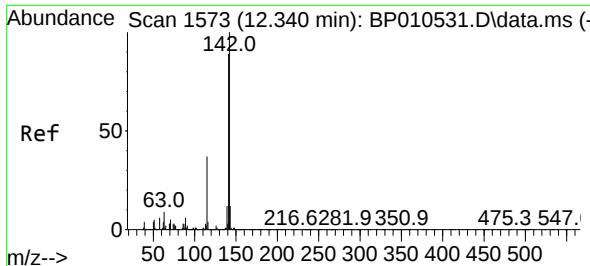
Tgt Ion:128 Resp: 6584419  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.2 12.2 18.4



#32  
4-Chloroaniline  
Concen: 60.607 ng/ul  
RT: 10.740 min Scan# 1301  
Delta R.T. -0.106 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

Tgt Ion:127 Resp: 869143  
Ion Ratio Lower Upper  
127 100  
129 83.3 24.6 37.0#

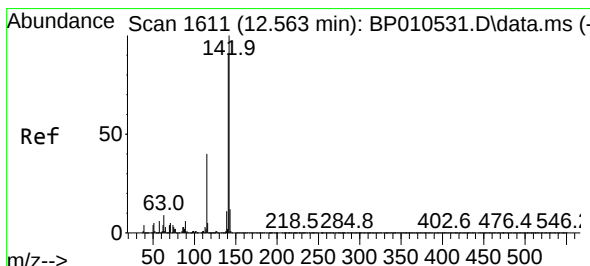
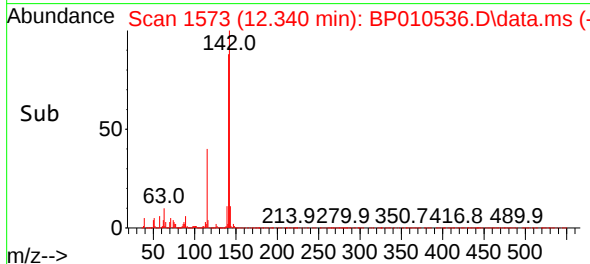
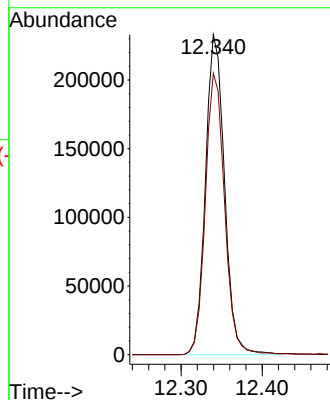
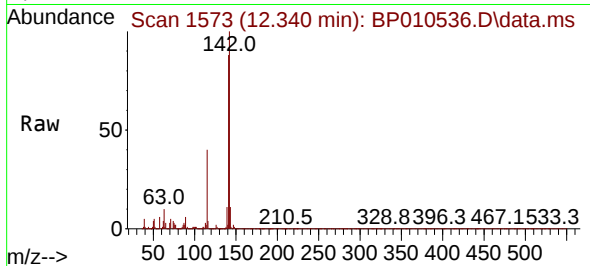




#36  
2-Methylnaphthalene  
Concen: 16.335 ng/ul  
RT: 12.340 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

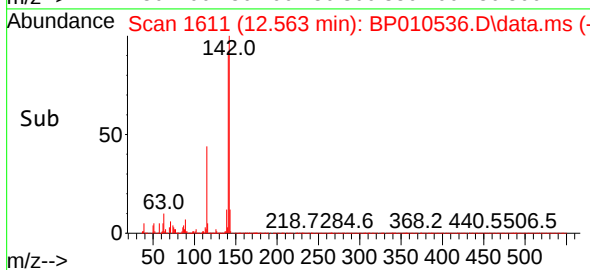
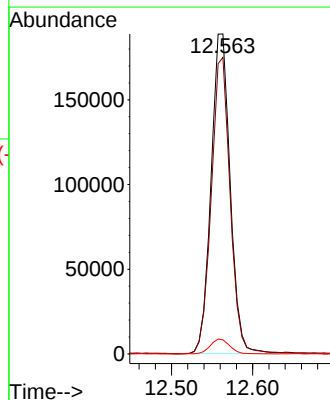
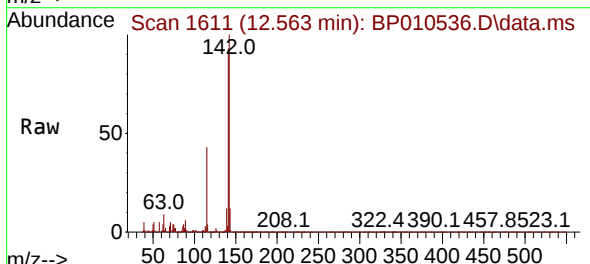
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BNA\_P  
ClientSampleId :  
DBTF2DL

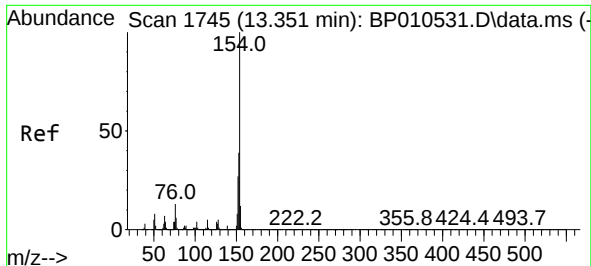
Tgt Ion:142 Resp: 378515  
Ion Ratio Lower Upper  
142 100  
141 87.9 64.3 96.5



#37  
1-Methylnaphthalene  
Concen: 13.222 ng/ul  
RT: 12.563 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

Tgt Ion:142 Resp: 309337  
Ion Ratio Lower Upper  
142 100  
141 92.7 69.8 104.8  
116 4.4 5.6 8.4#

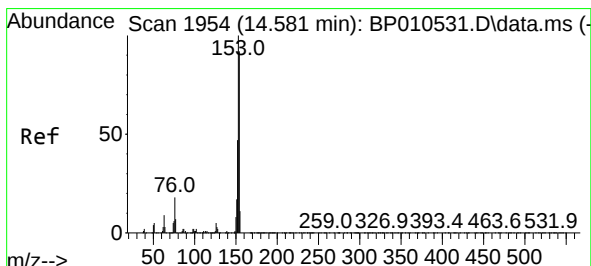
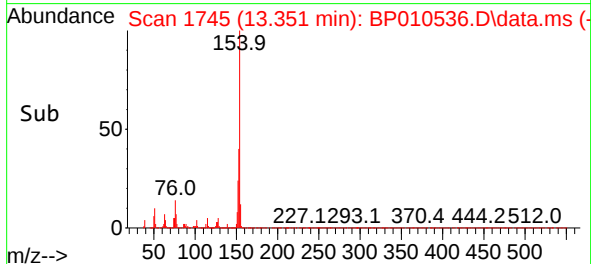
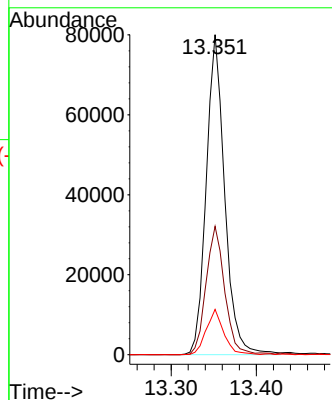
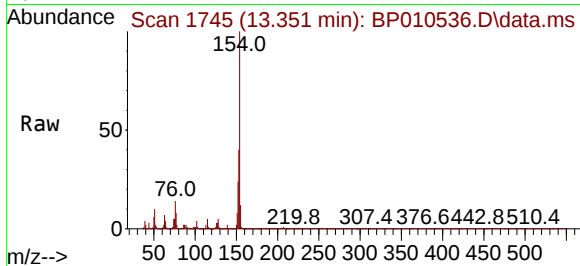




#43  
1,1'-Biphenyl  
Concen: 3.799 ng/ul  
RT: 13.351 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

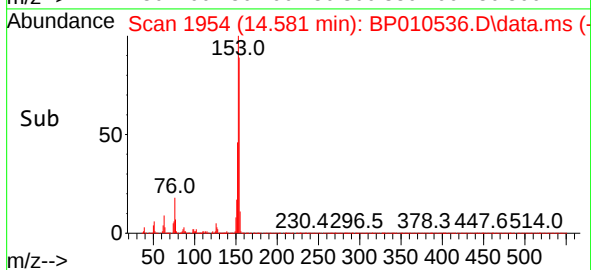
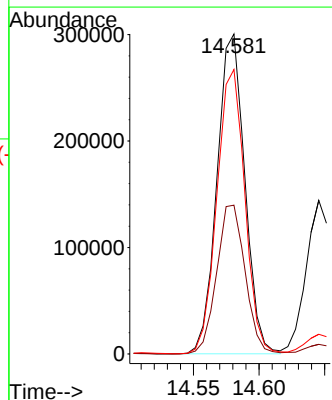
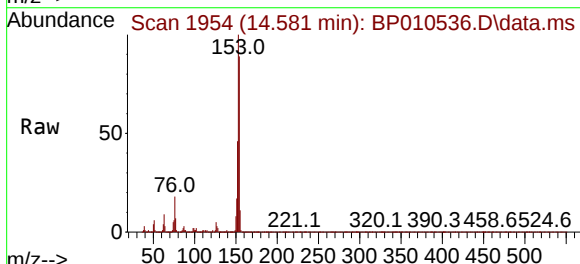
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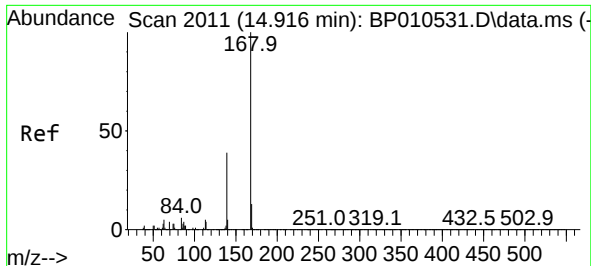
Tgt Ion:154 Resp: 120553  
Ion Ratio Lower Upper  
154 100  
153 40.1 28.6 43.0  
76 14.1 8.5 12.7#



#52  
Acenaphthene  
Concen: 17.064 ng/ul  
RT: 14.581 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

Tgt Ion:153 Resp: 442472  
Ion Ratio Lower Upper  
153 100  
152 46.5 34.3 51.5  
154 88.9 70.0 105.0

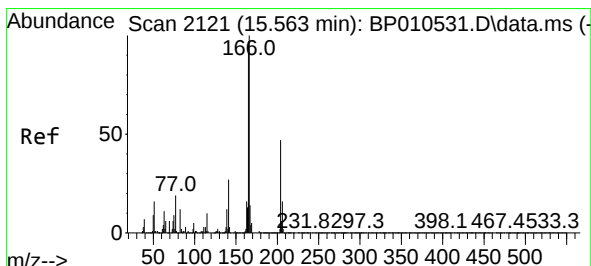
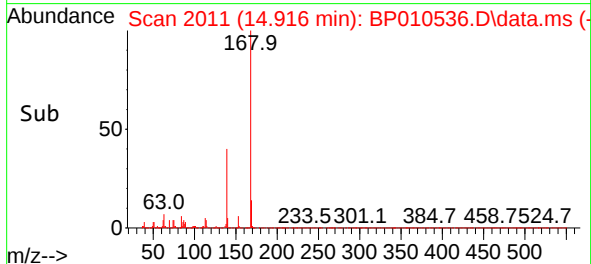
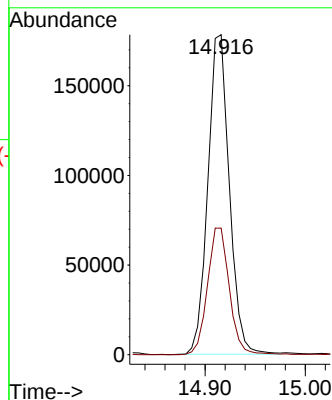
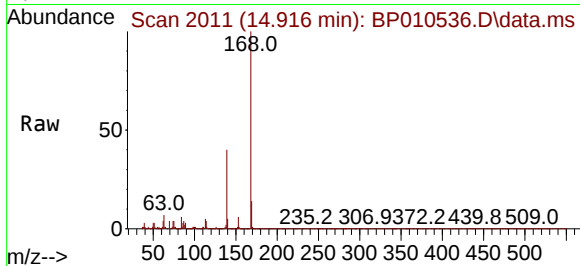




#56  
Dibenzofuran  
Concen: 6.972 ng/ul  
RT: 14.916 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

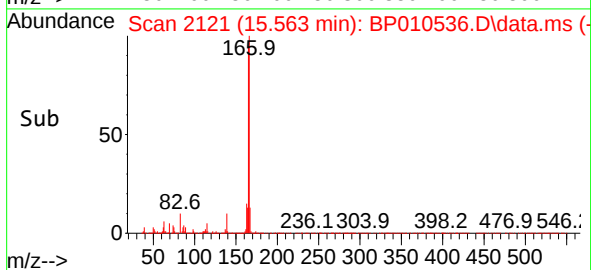
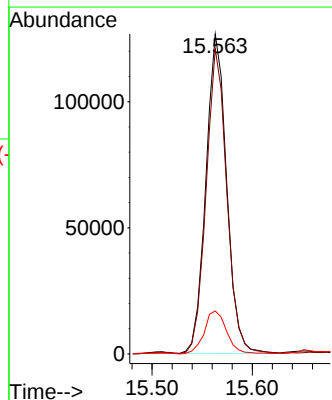
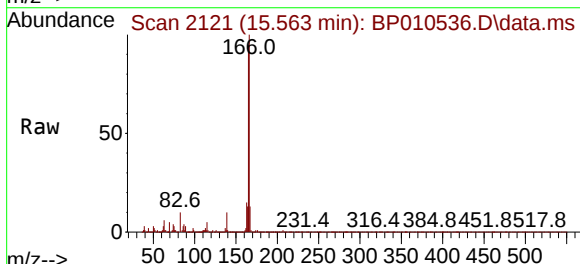
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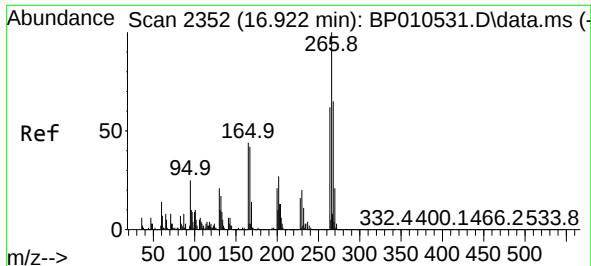
Tgt Ion:168 Resp: 264937  
Ion Ratio Lower Upper  
168 100  
139 39.6 30.1 45.1



#61  
Fluorene  
Concen: 5.883 ng/ul  
RT: 15.563 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

Tgt Ion:166 Resp: 182833  
Ion Ratio Lower Upper  
166 100  
165 95.4 70.3 105.5  
167 13.5 9.5 14.3

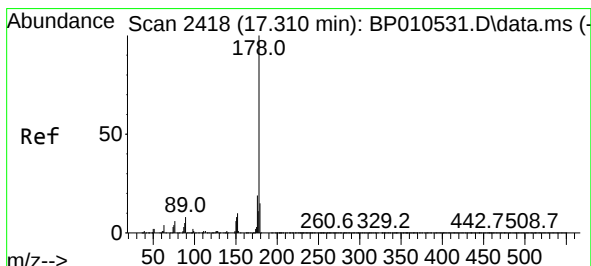
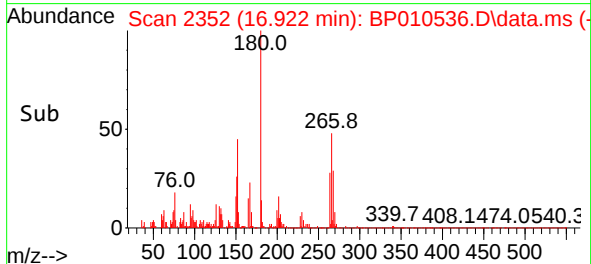
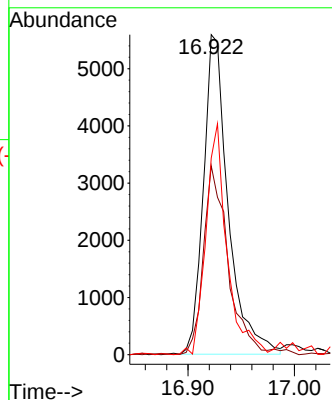
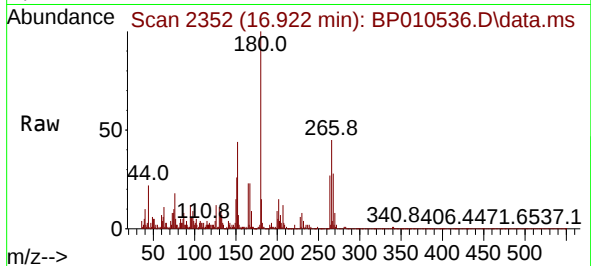




#71  
Pentachlorophenol  
Concen: 1.246 ng/ul  
RT: 16.922 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

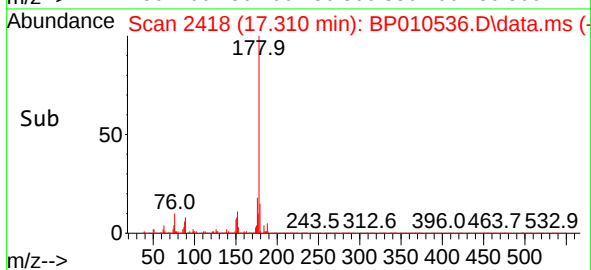
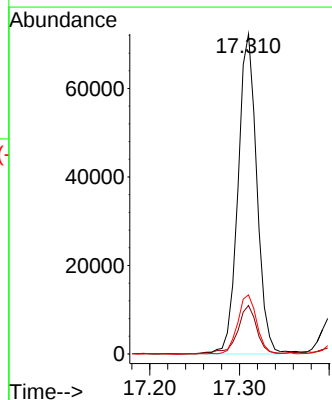
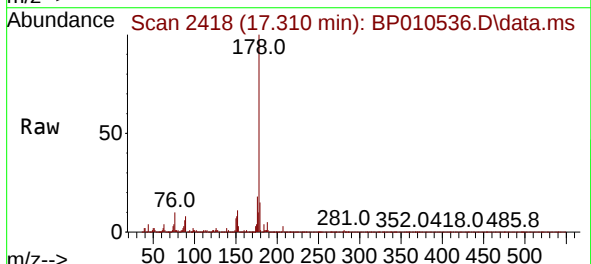
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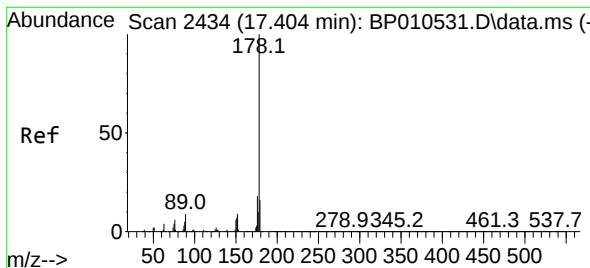
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Ion Ratio Lower Upper  
266 100  
264 62.9 57.3 85.9  
268 61.4 65.7 98.5#



#72  
Phenanthrene  
Concen: 2.008 ng/ul  
RT: 17.310 min Scan# 2418  
Delta R.T. -0.006 min  
Lab File: BP010536.D  
Acq: 25 May 2022 15:19

Tgt Ion:178 Resp: 104849  
Ion Ratio Lower Upper  
178 100  
179 15.2 11.7 17.5  
176 18.4 14.5 21.7





#74

Anthracene

Concen: 2.001 ng/ul

RT: 17.310 min Scan# 2418

Delta R.T. -0.094 min

Lab File: BP010536.D

Acq: 25 May 2022 15:19

Instrument :

BNA\_P

ClientSampleId :

DBTF2DL

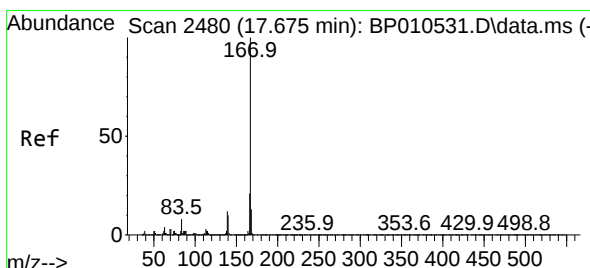
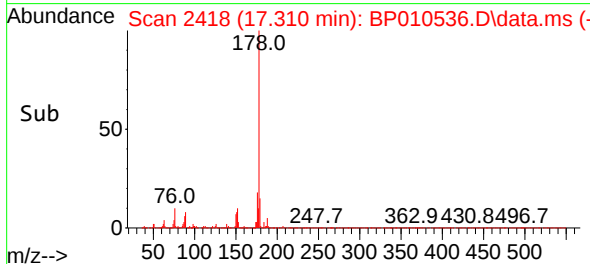
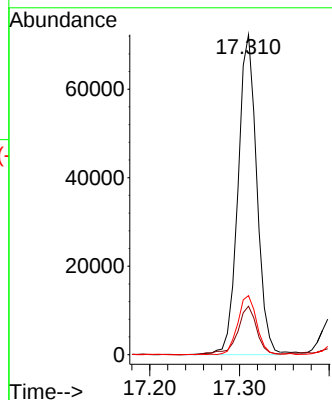
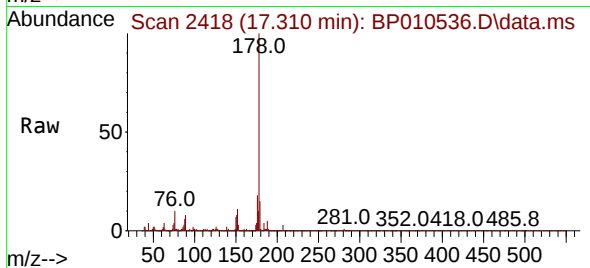
Tgt Ion:178 Resp: 104849

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.4 13.4 20.2



#77

Carbazole

Concen: 15.379 ng/ul

RT: 17.669 min Scan# 2479

Delta R.T. -0.006 min

Lab File: BP010536.D

Acq: 25 May 2022 15:19

Tgt Ion:167 Resp: 708069

Ion Ratio Lower Upper

167 100

166 21.0 15.8 23.8

139 13.4 8.3 12.5#

