

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF093021\  
 Data File : BF125737.D  
 Acq On : 30 Sep 2021 17:08  
 Operator : JU/CG  
 Sample : M3986-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SW-RR-03-(SA)

Quant Time: Oct 01 11:07:45 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 15:38:32 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.886  | 152  | 222812   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 916618   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.921  | 164  | 498482   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 879439   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.039 | 240  | 606418   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.515 | 264  | 484006   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 637021   | 47.104  | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 448220   | 24.652  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1273255  | 96.889  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 629293   | 135.399 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 2335078  | 84.015  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 2579316  | 73.658  | ng    | 0.00     |

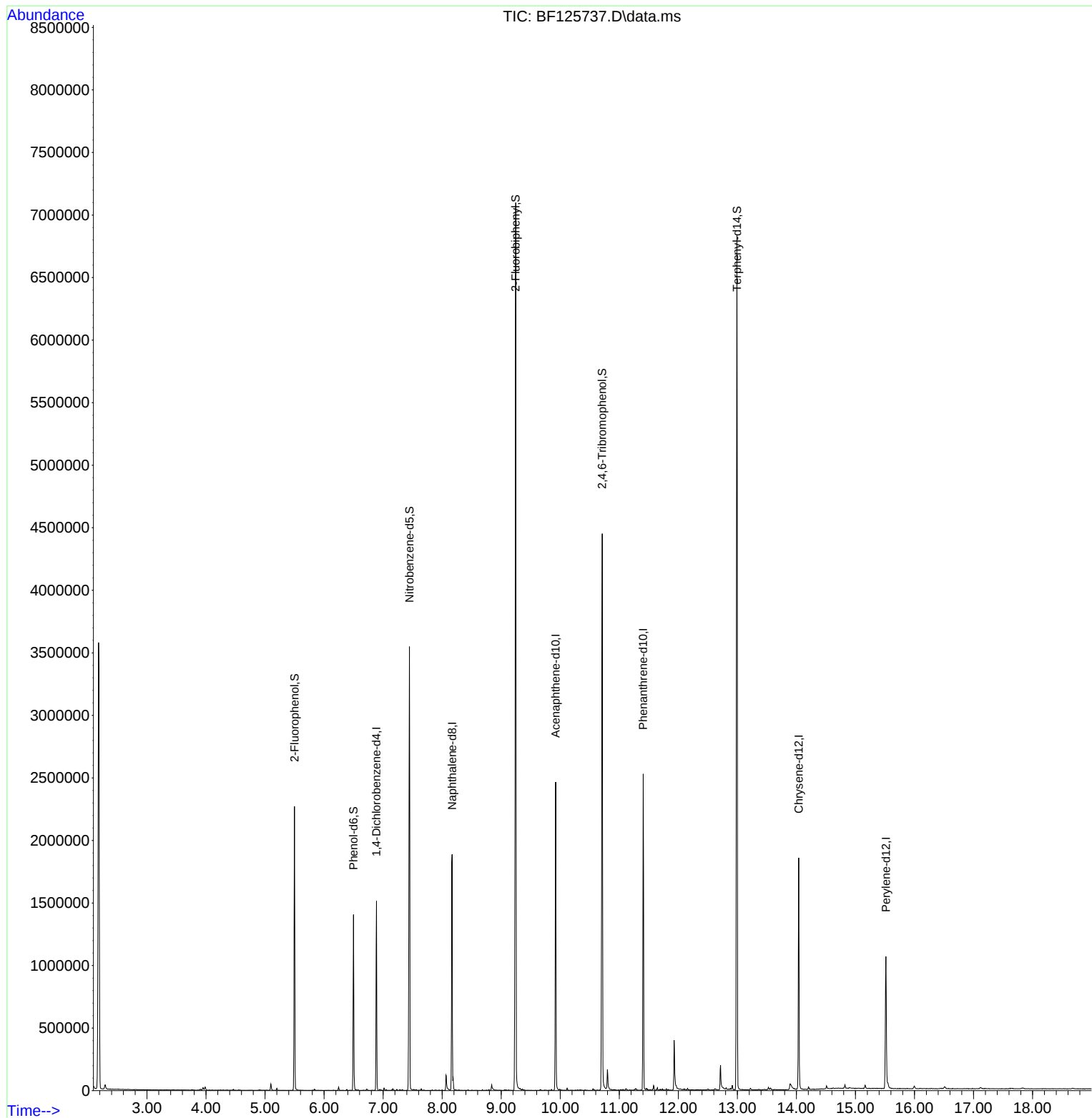
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 24 15:38:32 2021  
Response via : Initial Calibration

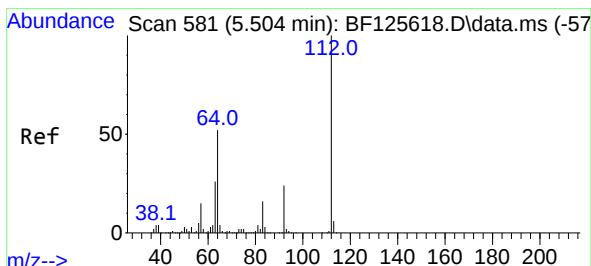
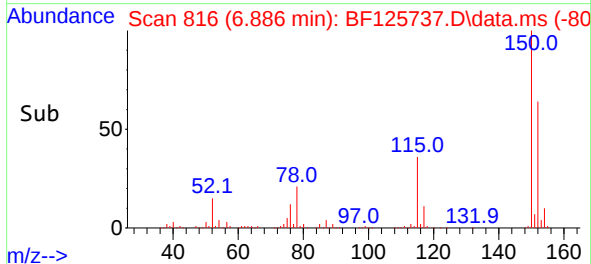
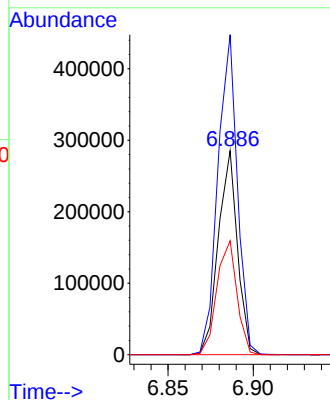
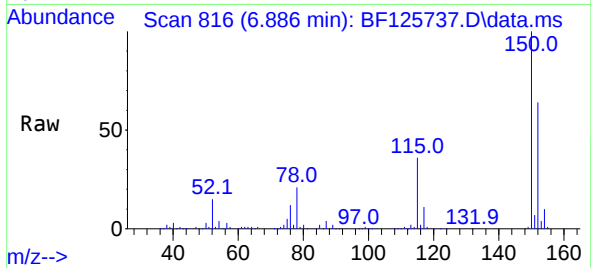




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

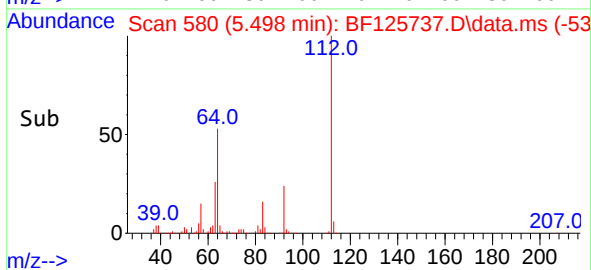
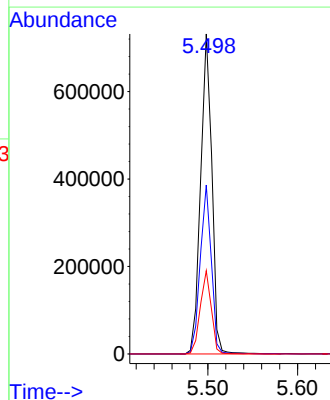
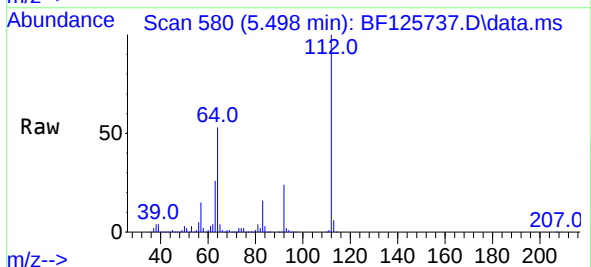
Instrument :  
BNA\_F  
ClientSampleId :  
SW-RR-03-(SA)

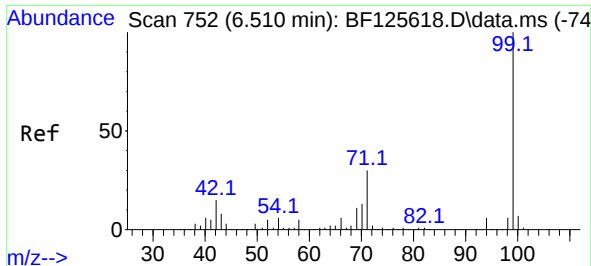
Tgt Ion:152 Resp: 222812  
Ion Ratio Lower Upper  
152 100  
150 156.9 117.6 176.4  
115 55.9 47.1 70.7



#5  
2-Fluorophenol  
Concen: 47.104 ng  
RT: 5.498 min Scan# 580  
Delta R.T. -0.006 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

Tgt Ion:112 Resp: 637021  
Ion Ratio Lower Upper  
112 100  
64 52.8 44.2 66.2  
63 26.0 26.2 39.2#

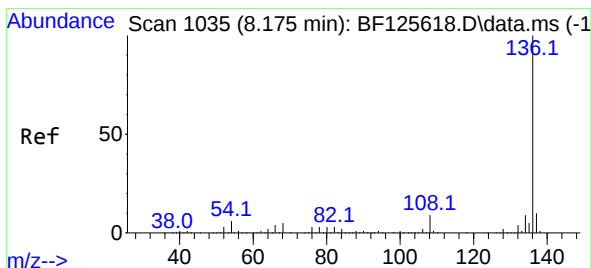
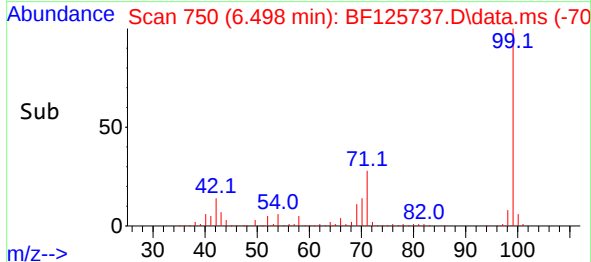
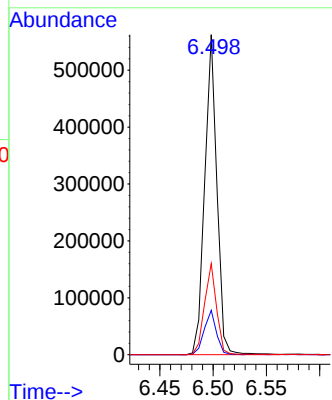
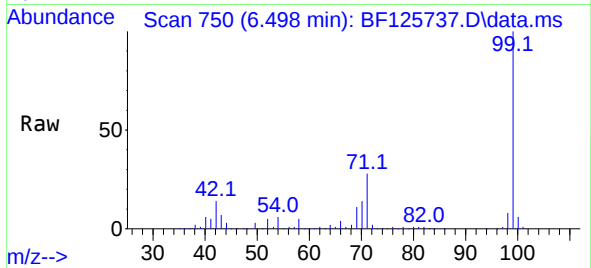




#7  
Phenol-d6  
Concen: 24.652 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

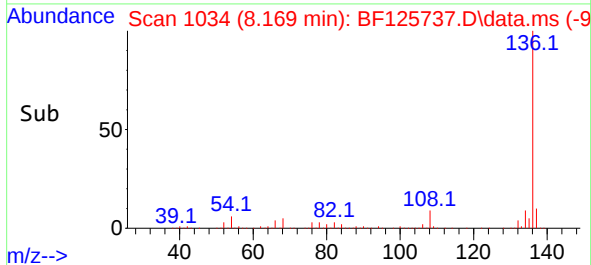
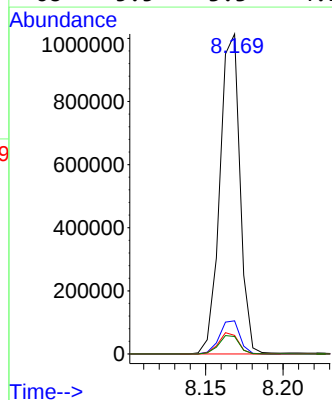
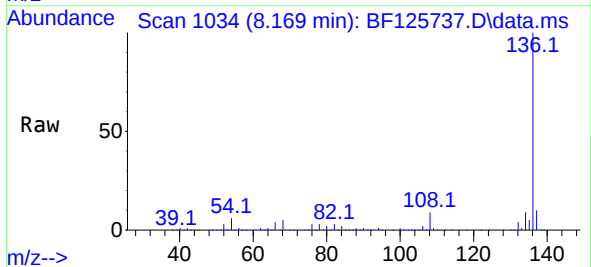
Instrument :  
BNA\_F  
ClientSampleId :  
SW-RR-03-(SA)

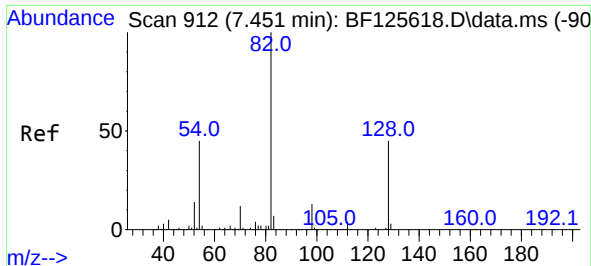
Tgt Ion: 99 Resp: 448220  
Ion Ratio Lower Upper  
99 100  
42 13.9 23.5 35.3#  
71 28.5 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

Tgt Ion: 136 Resp: 916618  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.8 14.6  
54 5.8 6.4 9.6#  
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 96.889 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125737.D

Acq: 30 Sep 2021 17:08

Instrument :

BNA\_F

ClientSampleId :

SW-RR-03-(SA)

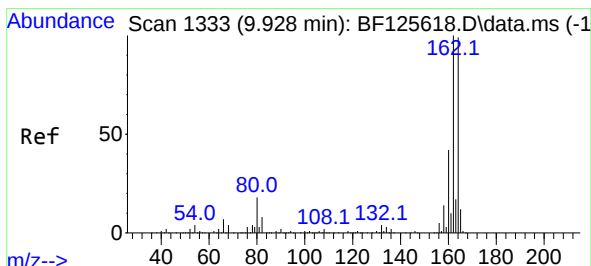
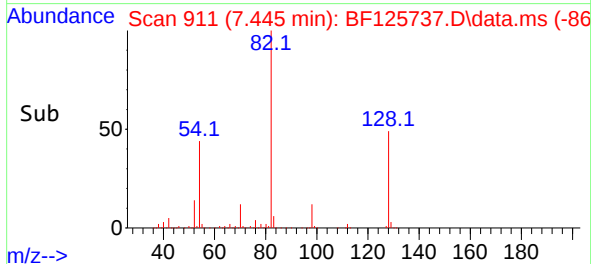
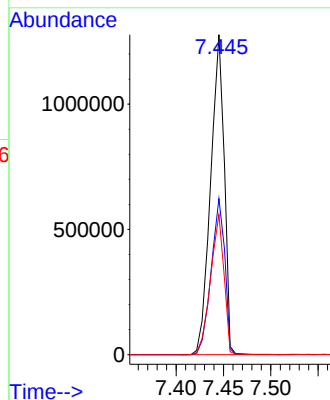
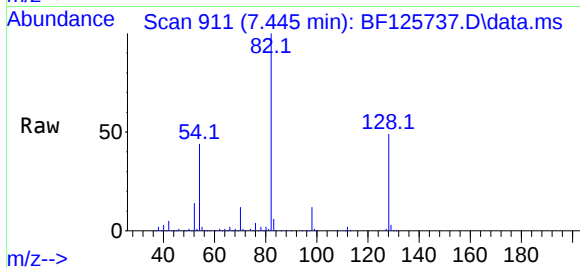
Tgt Ion: 82 Resp: 1273255

Ion Ratio Lower Upper

82 100

128 48.7 40.6 60.8

54 43.8 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.921 min Scan# 1332

Delta R.T. -0.007 min

Lab File: BF125737.D

Acq: 30 Sep 2021 17:08

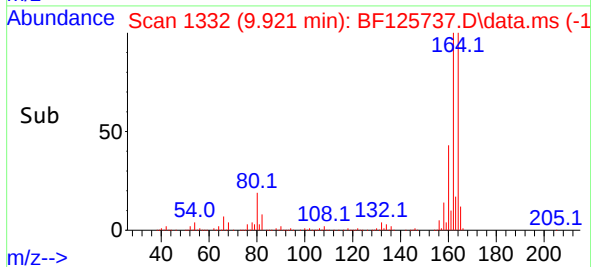
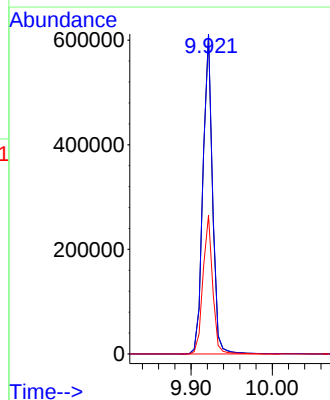
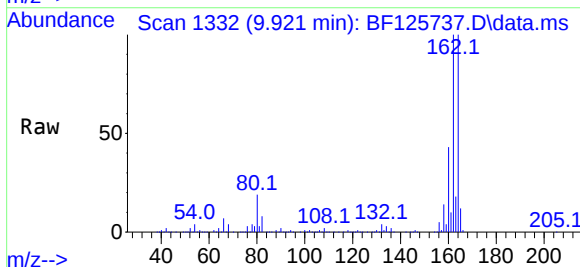
Tgt Ion:164 Resp: 498482

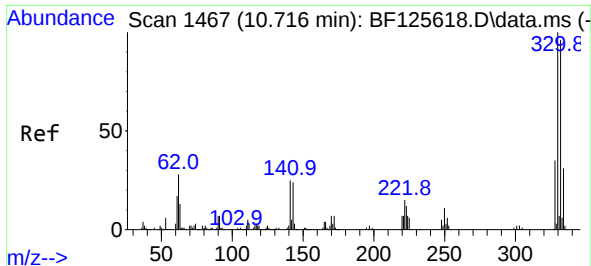
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 43.4 38.0 57.0

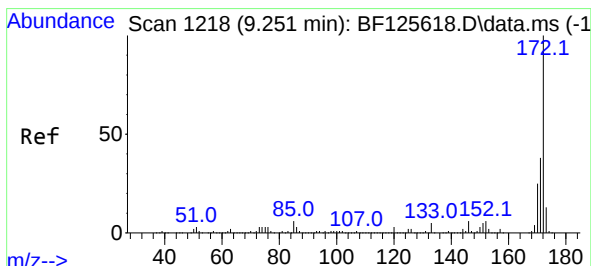
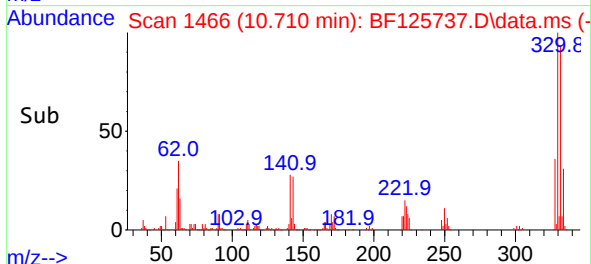
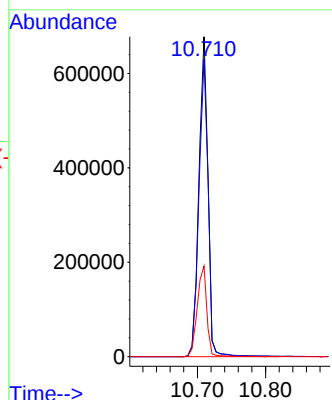
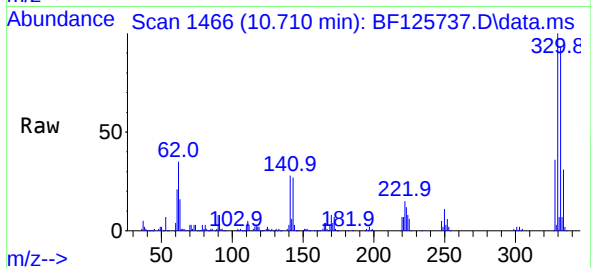




#42  
2,4,6-Tribromophenol  
Concen: 135.399 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.006 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

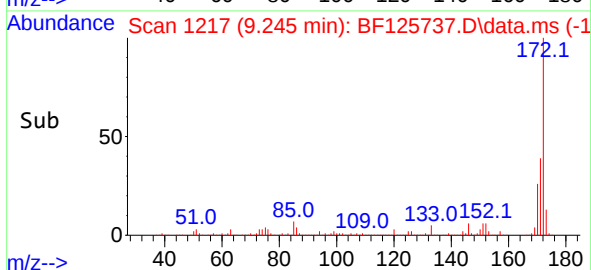
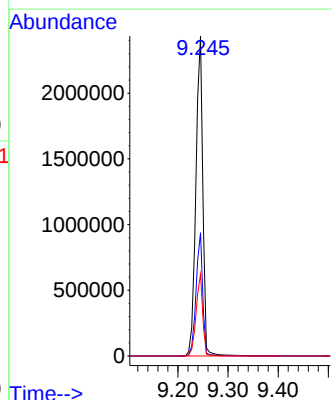
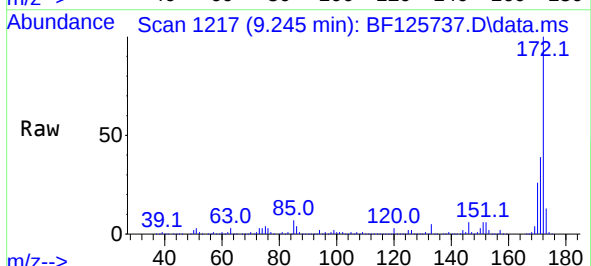
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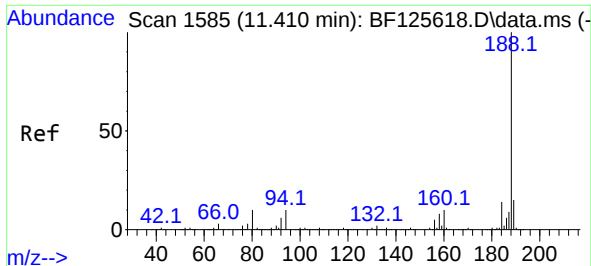
Tgt Ion: 330 Resp: 629293  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.2 114.4  
141 29.9 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 84.015 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

Tgt Ion: 172 Resp: 2335078  
Ion Ratio Lower Upper  
172 100  
171 38.5 26.5 39.7  
170 25.5 18.8 28.2

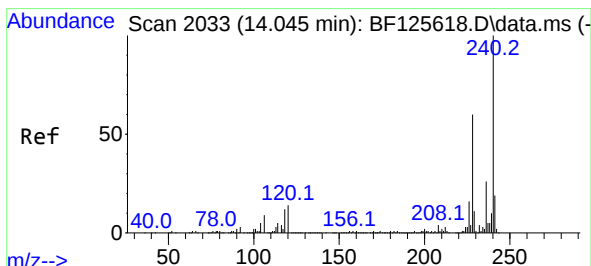
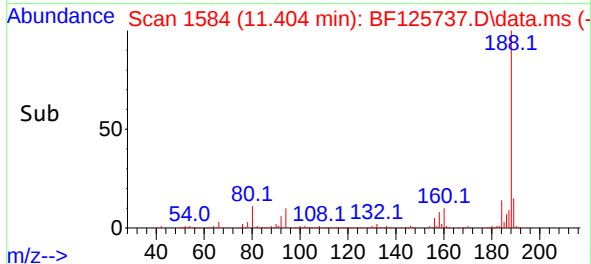
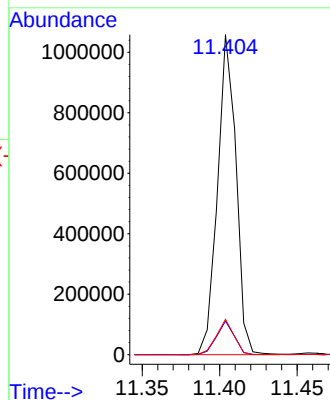
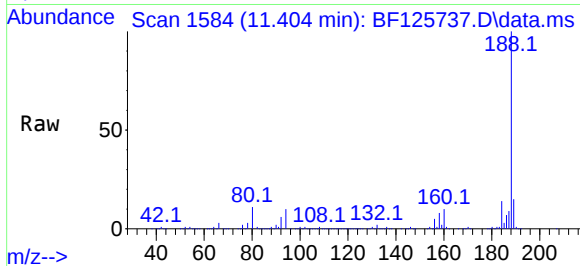




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

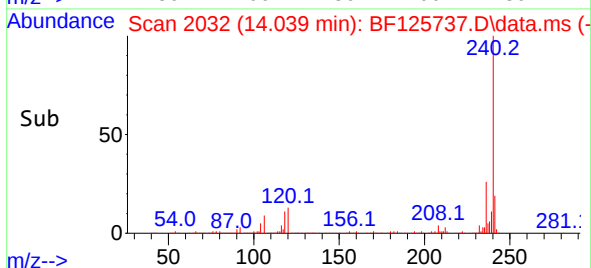
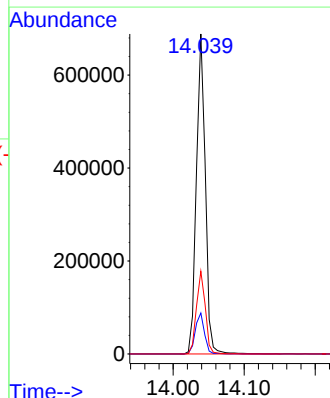
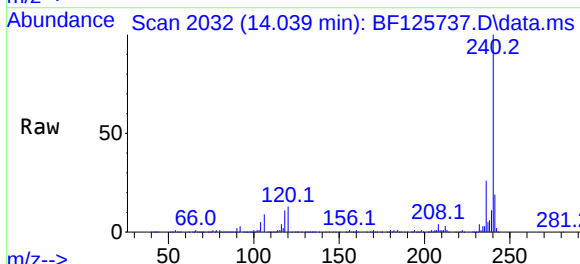
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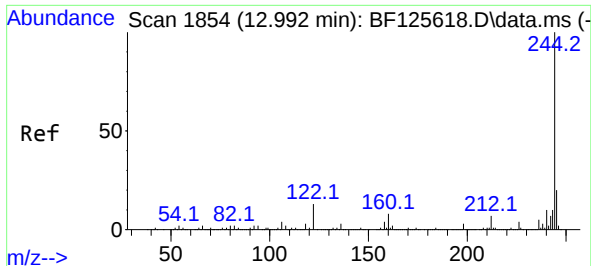
Tgt Ion:188 Resp: 879439  
Ion Ratio Lower Upper  
188 100  
94 10.5 6.7 10.1#  
80 11.1 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF125737.D  
Acq: 30 Sep 2021 17:08

Tgt Ion:240 Resp: 606418  
Ion Ratio Lower Upper  
240 100  
120 12.8 10.8 16.2  
236 25.9 21.6 32.4

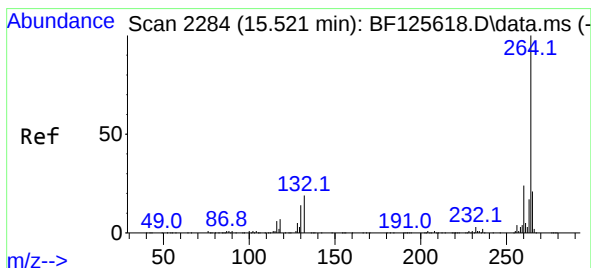
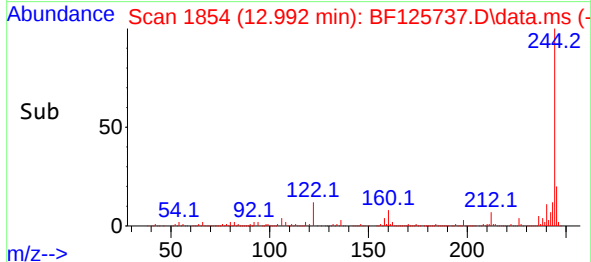
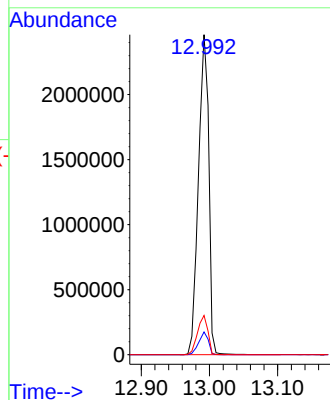
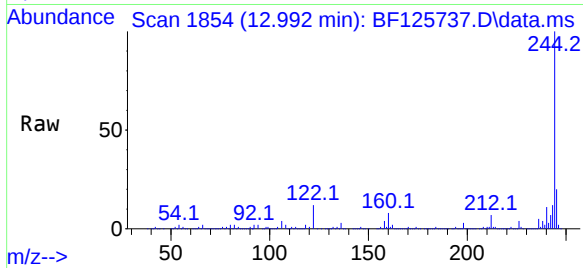




#79  
 Terphenyl-d14  
 Concen: 73.658 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. -0.000 min  
 Lab File: BF125737.D  
 Acq: 30 Sep 2021 17:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SW-RR-03-(SA)

Tgt Ion:244 Resp: 2579316  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 12.3 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.515 min Scan# 2283  
 Delta R.T. -0.006 min  
 Lab File: BF125737.D  
 Acq: 30 Sep 2021 17:08

Tgt Ion:264 Resp: 484006  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.6 29.4  
 265 20.8 17.2 25.8

