

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081921\  
 Data File : BF125118.D  
 Acq On : 19 Aug 2021 17:12  
 Operator : JU/CG  
 Sample : M3451-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5-10-COMP

Quant Time: Aug 19 18:24:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 17:03:50 2021  
 Response via : Initial Calibration

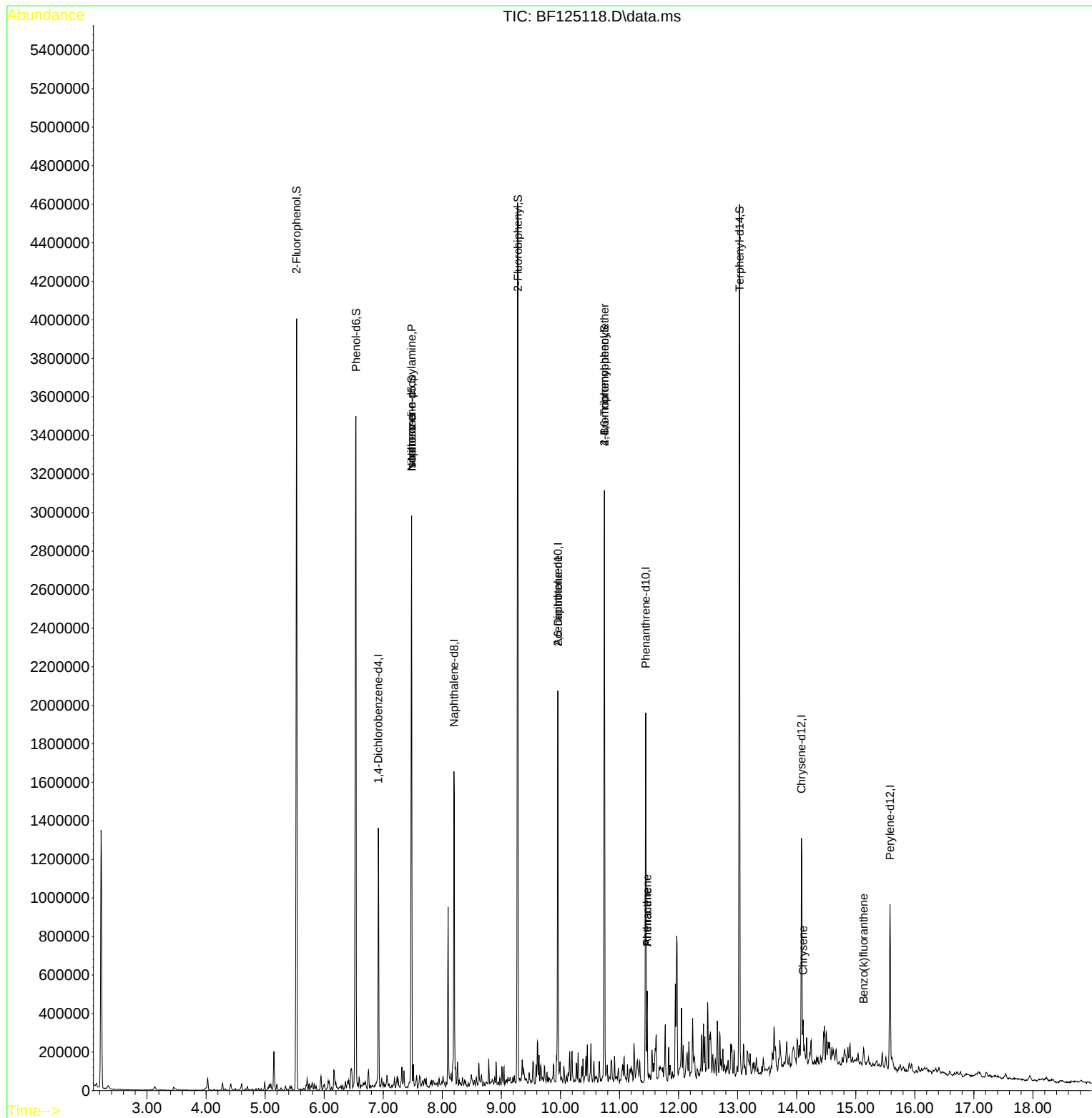
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 180804   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.198  | 136  | 700601   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.957  | 164  | 368545   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.445 | 188  | 650306   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.080 | 240  | 393885   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.580 | 264  | 366453   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1016788  | 85.120 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.540  | 99   | 1338883  | 86.664 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 914797   | 65.736 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 353077   | 95.974 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 1561267  | 59.043 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.033 | 244  | 1499856  | 60.663 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.481  | 70   | 128522   | 13.831 | ng    | # 61     |
| 25) Isophorone                | 7.481  | 82   | 909529   | 33.879 | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.957  | 165  | 55324    | 9.990  | ng    | # 28     |
| 67) 4-Bromophenyl-phenylether | 10.745 | 248  | 23421    | 2.999  | ng    | # 1      |
| 71) Phenanthrene              | 11.469 | 178  | 158618   | 4.427  | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 158618   | 4.491  | ng    | 99       |
| 83) Chrysene                  | 14.110 | 228  | 94352    | 3.362  | ng    | # 88     |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 51453    | 2.060  | ng    | # 95     |
| -----                         |        |      |          |        |       |          |

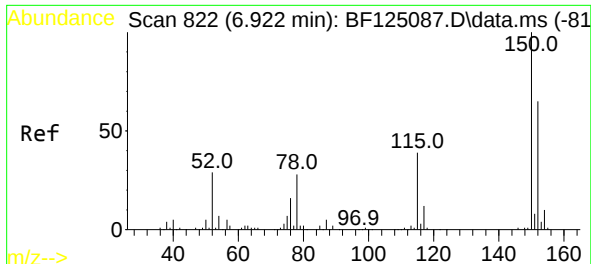
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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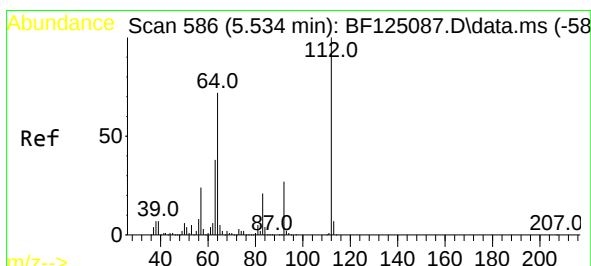
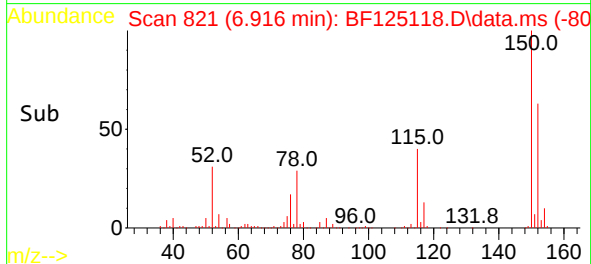
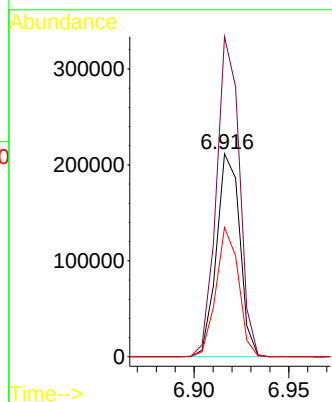
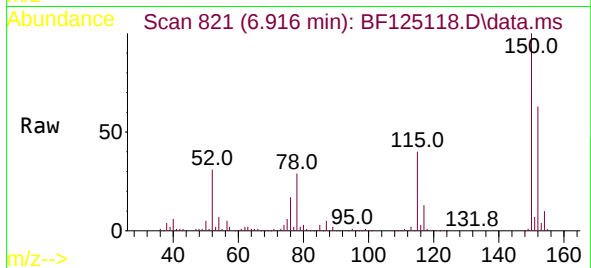




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

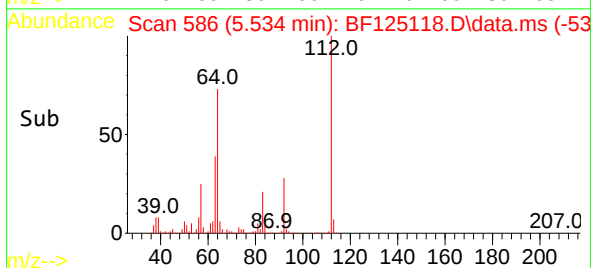
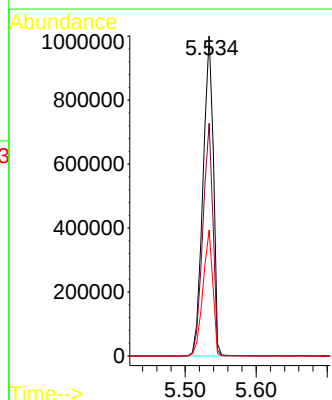
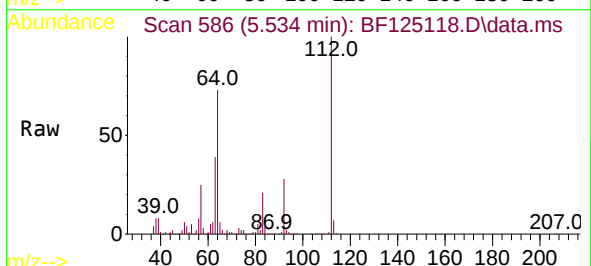
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ClientSampleId :  
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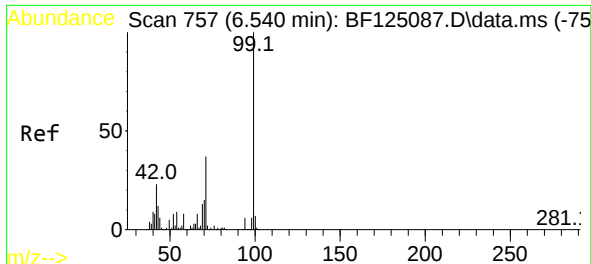
Tgt Ion:152 Resp: 180804  
Ion Ratio Lower Upper  
152 100  
150 157.7 117.6 176.4  
115 63.7 47.1 70.7



#5  
2-Fluorophenol  
Concen: 85.120 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.000 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion:112 Resp: 1016788  
Ion Ratio Lower Upper  
112 100  
64 72.7 44.2 66.2#  
63 39.4 26.2 39.2#

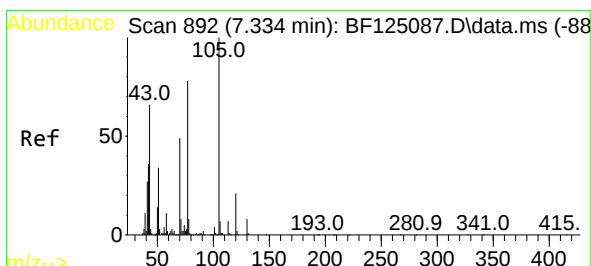
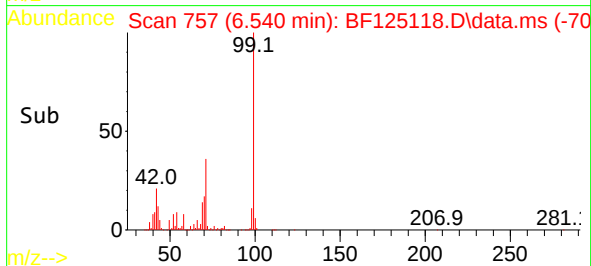
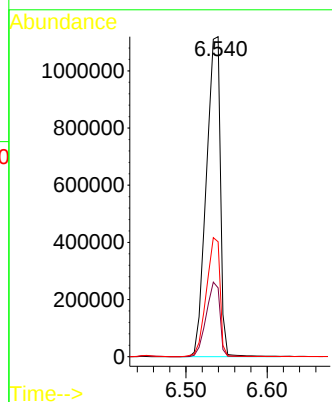
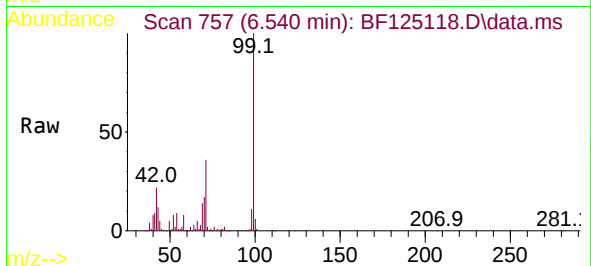




#7  
Phenol-d6  
Concen: 86.664 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

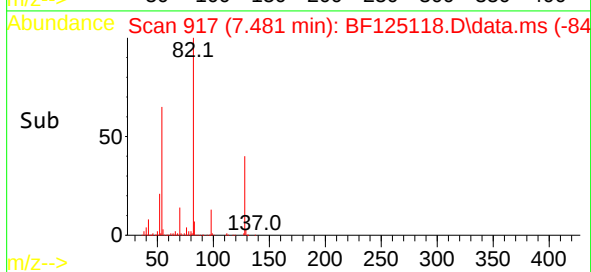
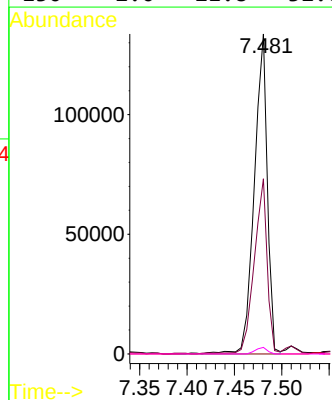
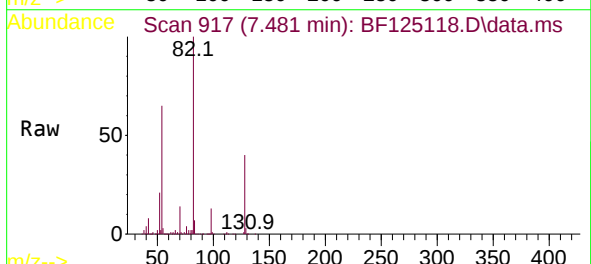
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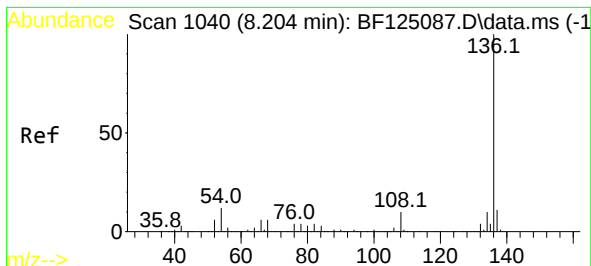
Tgt Ion: 99 Resp: 1338883  
Ion Ratio Lower Upper  
99 100  
42 21.5 23.5 35.3#  
71 35.9 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.831 ng  
RT: 7.481 min Scan# 917  
Delta R.T. 0.147 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion: 70 Resp: 128522  
Ion Ratio Lower Upper  
70 100  
42 54.8 72.2 108.2#  
101 0.0 7.8 11.8#  
130 2.0 21.8 32.6#

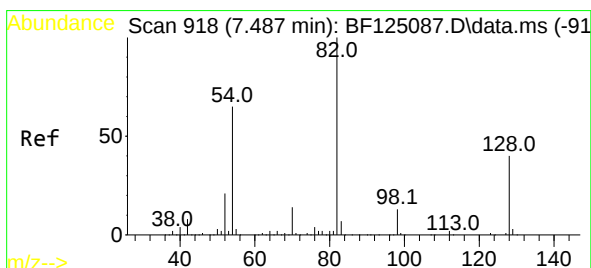
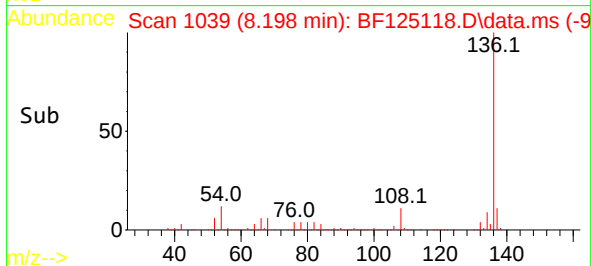
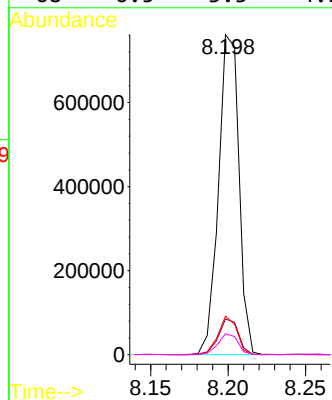
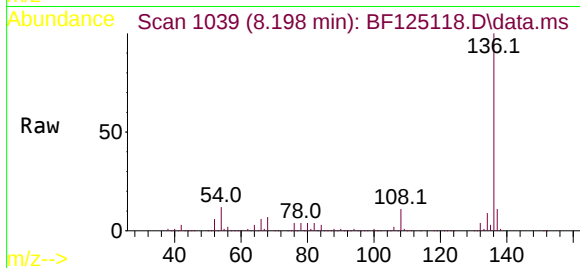




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

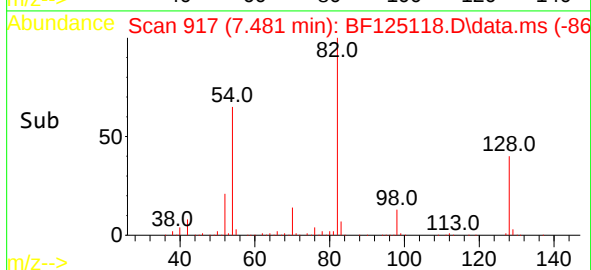
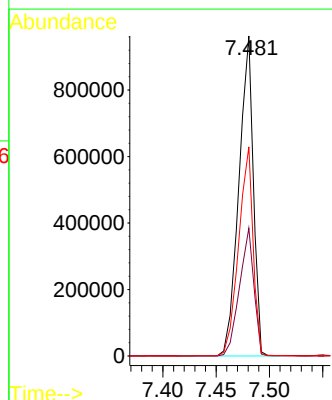
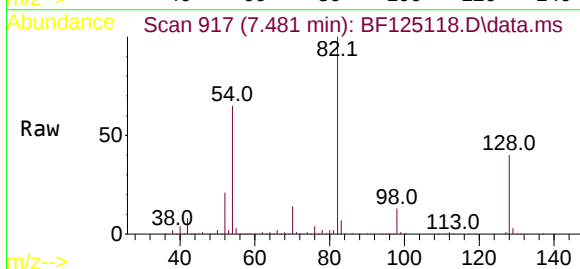
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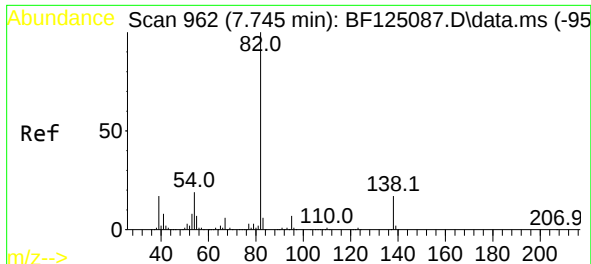
Tgt Ion:136 Resp: 700601  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.8 14.6  
54 12.0 6.4 9.6#  
68 6.5 3.3 4.9#



#23  
Nitrobenzene-d5  
Concen: 65.736 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion: 82 Resp: 914797  
Ion Ratio Lower Upper  
82 100  
128 40.0 40.6 60.8#  
54 65.4 49.6 74.4

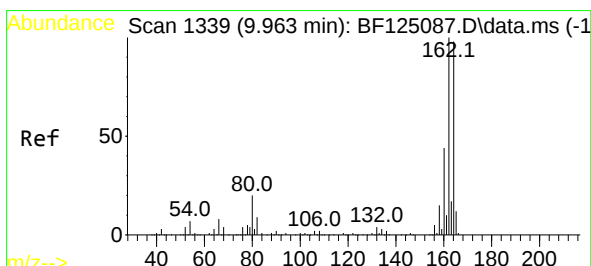
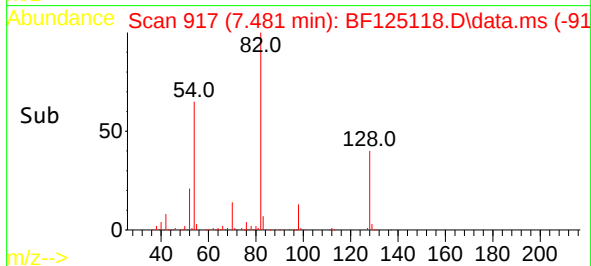
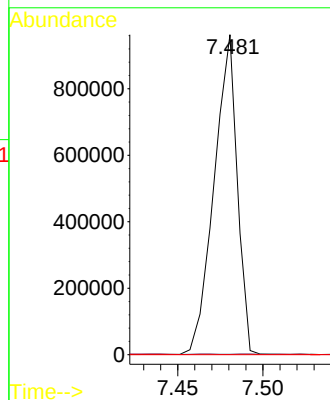
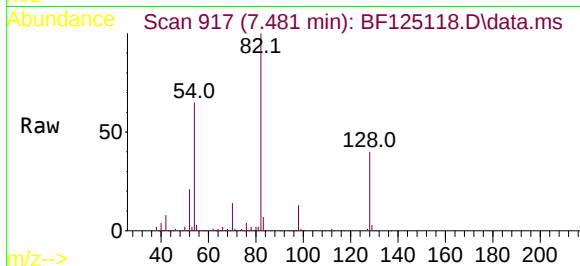




#25  
Isophorone  
Concen: 33.879 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.265 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

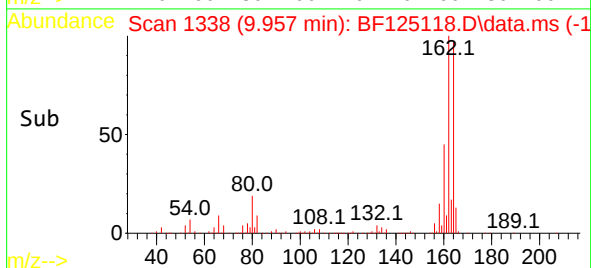
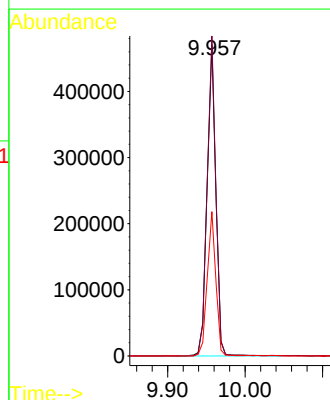
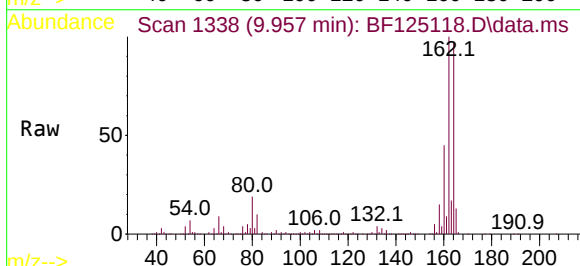
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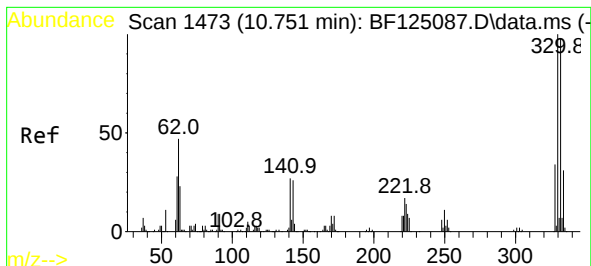
Tgt Ion: 82 Resp: 909529  
Ion Ratio Lower Upper  
82 100  
95 0.1 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion: 164 Resp: 368545  
Ion Ratio Lower Upper  
164 100  
162 102.8 81.3 121.9  
160 46.4 38.0 57.0

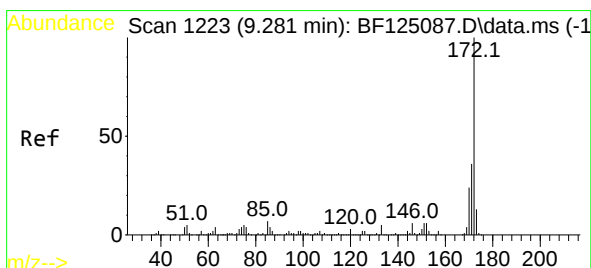
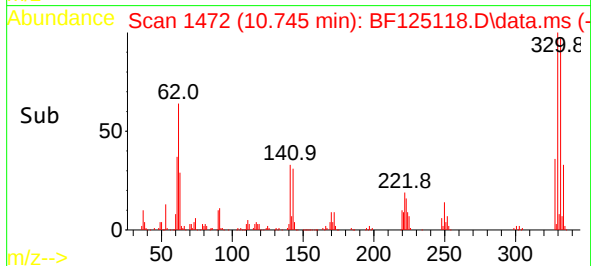
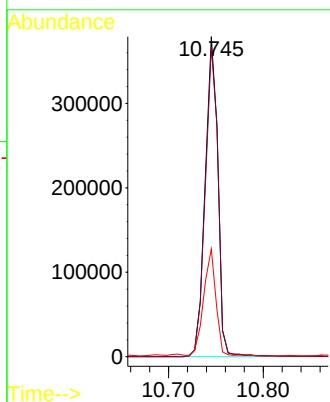
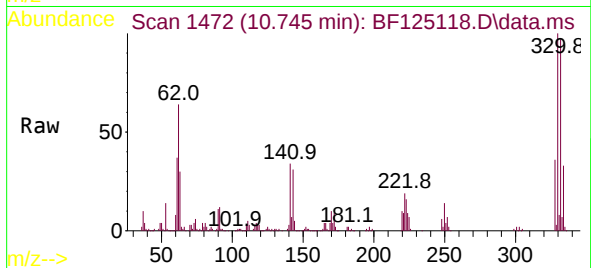




#42  
2,4,6-Tribromophenol  
Concen: 95.974 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. -0.006 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

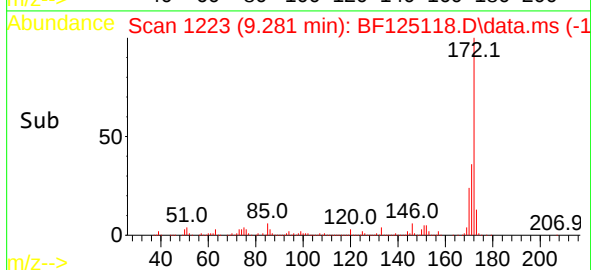
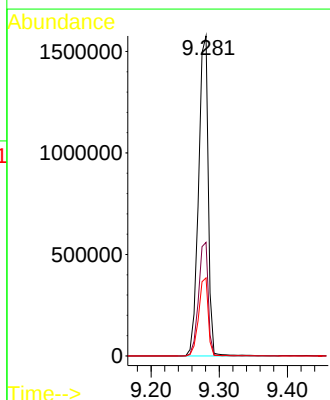
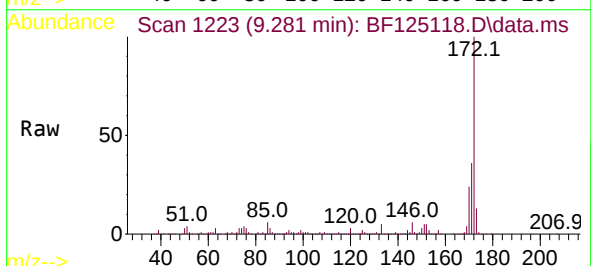
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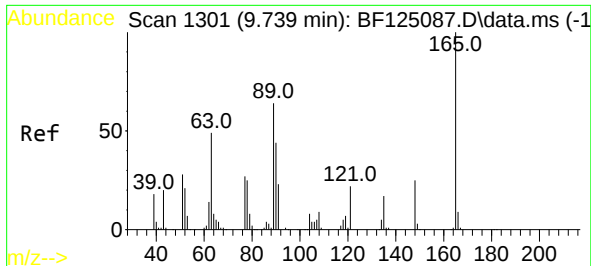
Tgt Ion: 330 Resp: 353077  
Ion Ratio Lower Upper  
330 100  
332 98.0 76.2 114.4  
141 33.1 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 59.043 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion: 172 Resp: 1561267  
Ion Ratio Lower Upper  
172 100  
171 35.5 26.5 39.7  
170 24.4 18.8 28.2

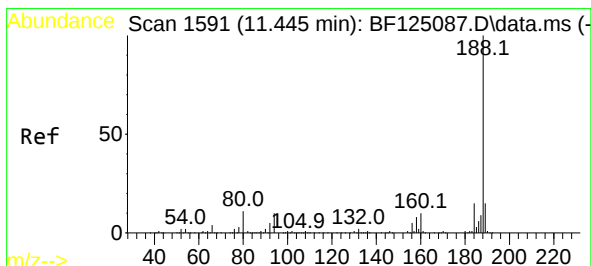
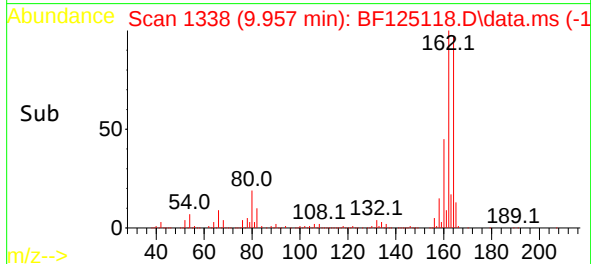
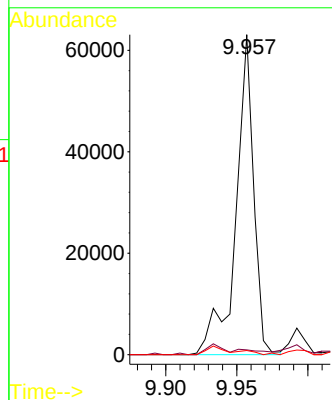
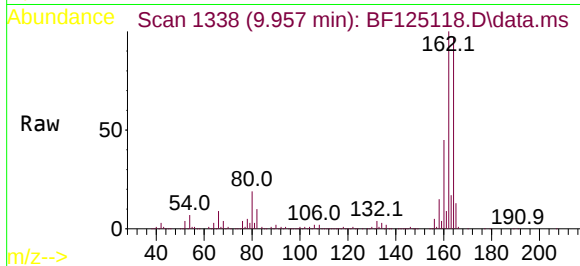




#51  
2,6-Dinitrotoluene  
Concen: 9.990 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.218 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

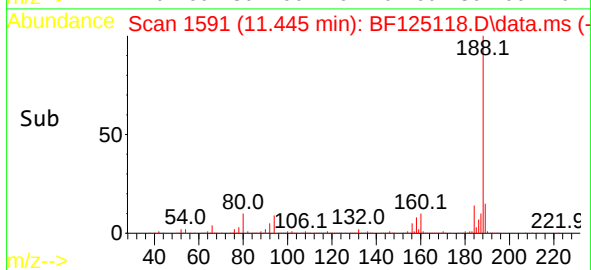
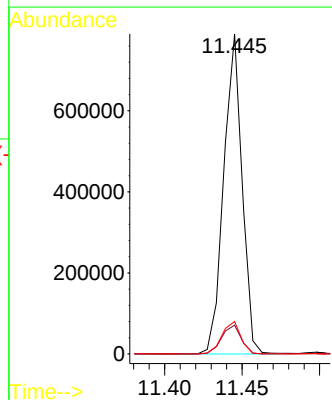
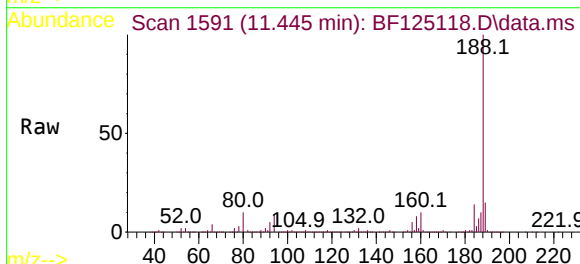
Instrument :  
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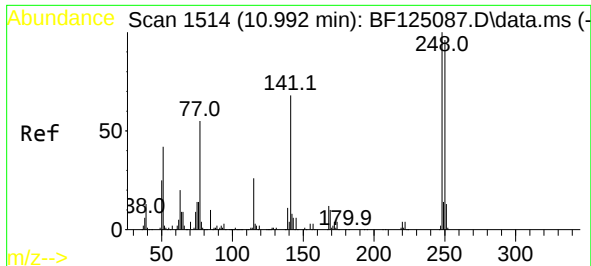
Tgt Ion:165 Resp: 55324  
Ion Ratio Lower Upper  
165 100  
63 1.5 42.6 63.8#  
89 1.3 40.6 60.8#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion:188 Resp: 650306  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.7 10.1  
80 10.1 7.5 11.3

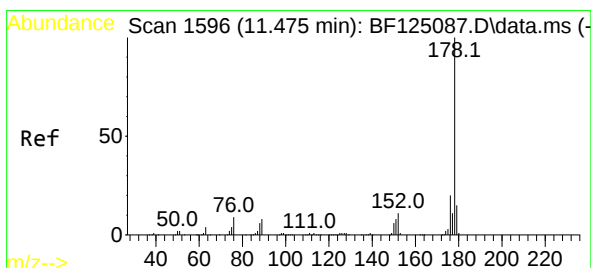
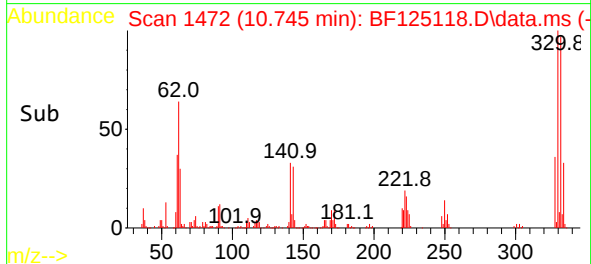
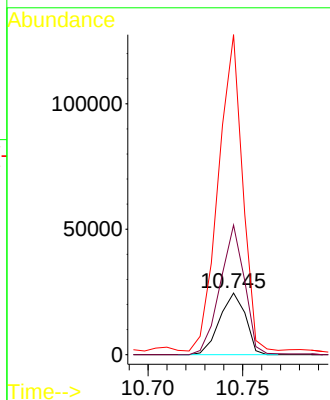
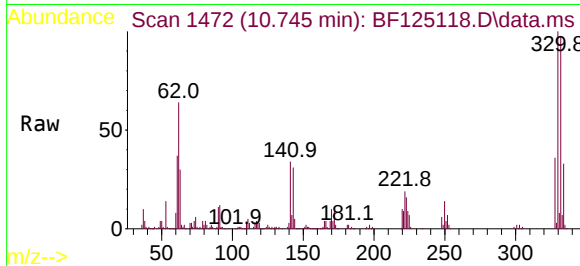




#67  
4-Bromophenyl-phenylether  
Concen: 2.999 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. -0.247 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

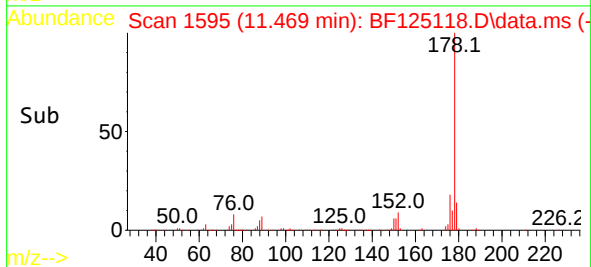
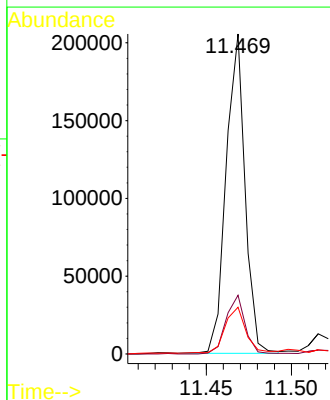
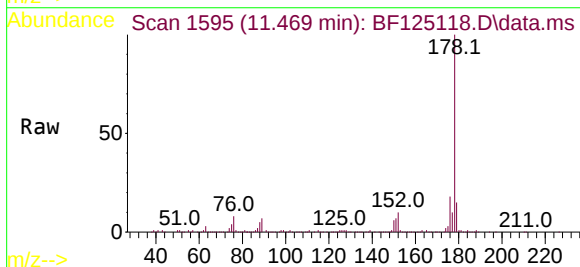
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5-10-COMP

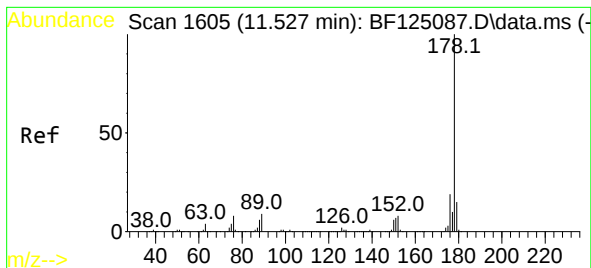
Tgt Ion:248 Resp: 23421  
Ion Ratio Lower Upper  
248 100  
250 210.6 74.2 111.4#  
141 520.0 60.4 90.6#



#71  
Phenanthrene  
Concen: 4.427 ng  
RT: 11.469 min Scan# 1595  
Delta R.T. -0.006 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion:178 Resp: 158618  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.7 22.1  
179 14.6 11.5 17.3

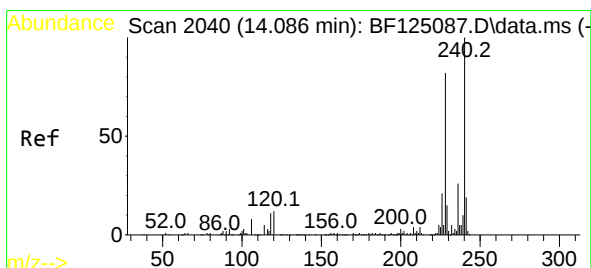
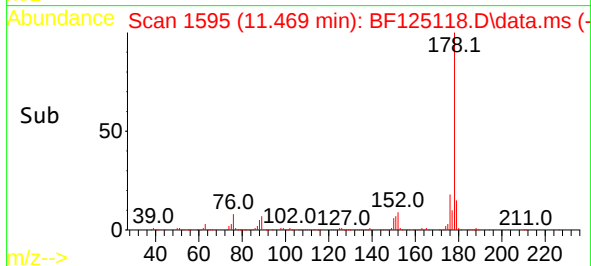
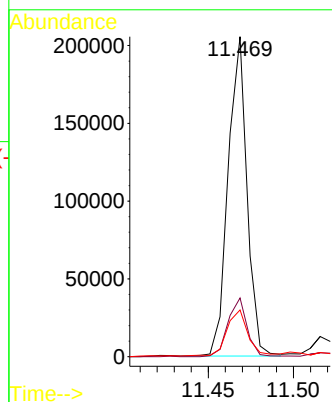
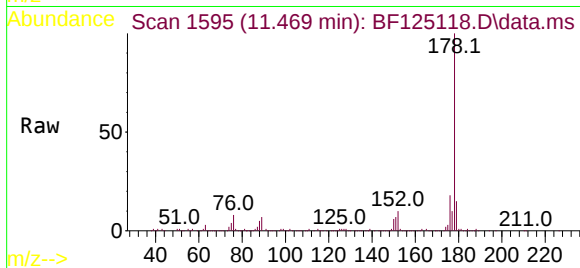




#72  
 Anthracene  
 Concen: 4.491 ng  
 RT: 11.469 min Scan# 1595  
 Delta R.T. -0.059 min  
 Lab File: BF125118.D  
 Acq: 19 Aug 2021 17:12

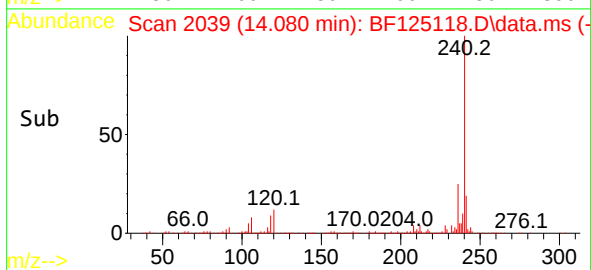
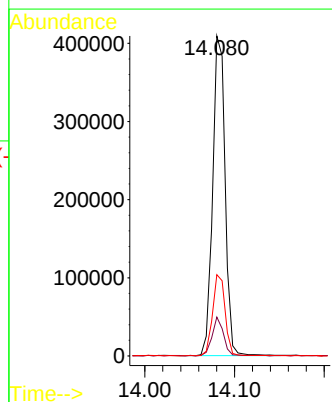
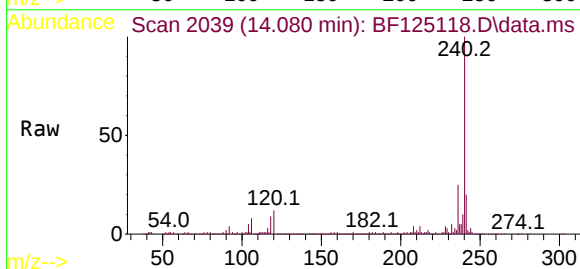
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5-10-COMP

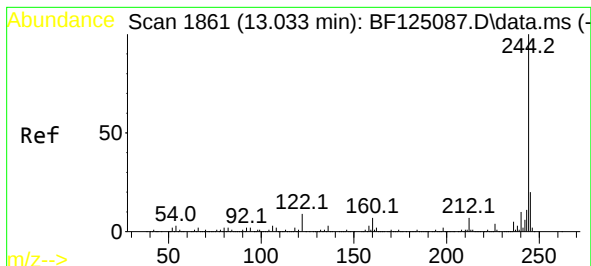
Tgt Ion:178 Resp: 158618  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 14.3 21.5  
 179 14.6 12.2 18.4



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.080 min Scan# 2039  
 Delta R.T. -0.006 min  
 Lab File: BF125118.D  
 Acq: 19 Aug 2021 17:12

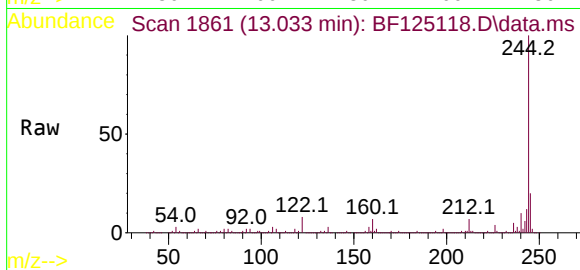
Tgt Ion:240 Resp: 393885  
 Ion Ratio Lower Upper  
 240 100  
 120 12.1 10.8 16.2  
 236 25.4 21.6 32.4



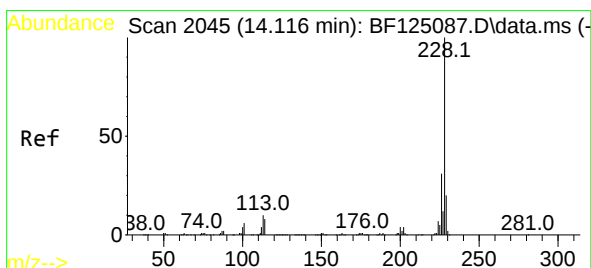
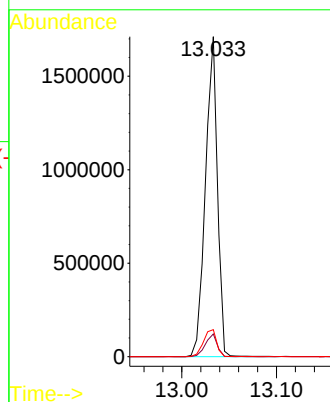
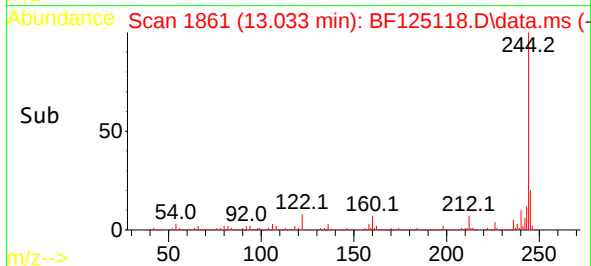


#79  
Terphenyl-d14  
Concen: 60.663 ng  
RT: 13.033 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

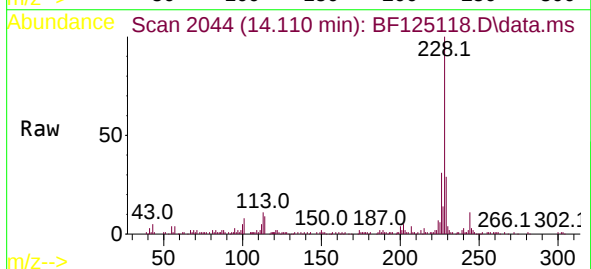
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5-10-COMP



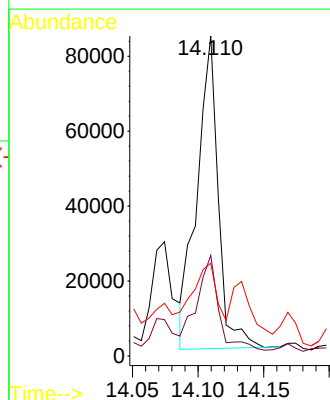
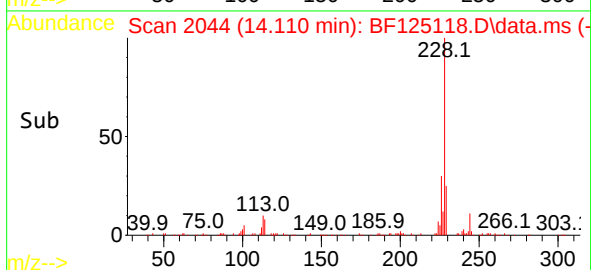
Tgt Ion:244 Resp: 1499856  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 8.5 9.0 13.4#

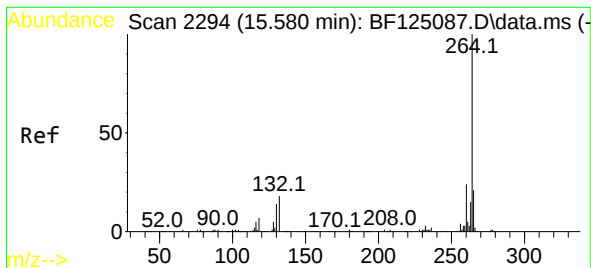


#83  
Chrysene  
Concen: 3.362 ng  
RT: 14.110 min Scan# 2044  
Delta R.T. -0.006 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12



Tgt Ion:228 Resp: 94352  
Ion Ratio Lower Upper  
228 100  
226 31.4 22.6 34.0  
229 29.0 15.9 23.9#

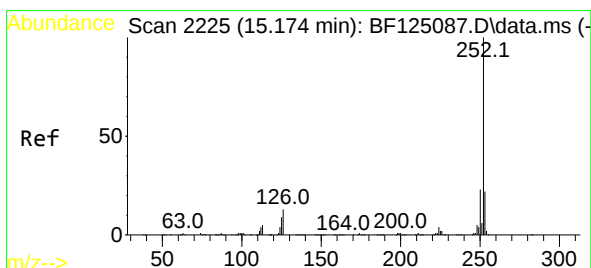
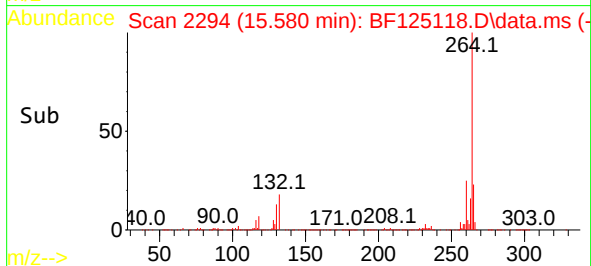
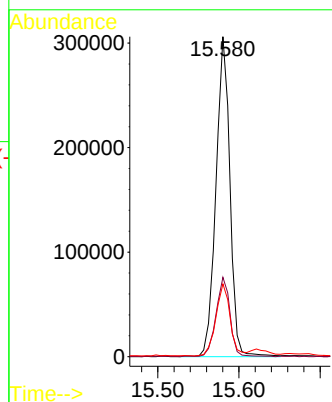
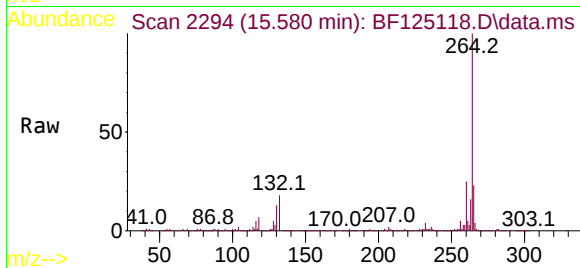




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.000 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
TP-5-10-COMP

Tgt Ion:264 Resp: 366453  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.6 29.4  
265 22.8 17.2 25.8



#89  
Benzo(k)fluoranthene  
Concen: 2.060 ng  
RT: 15.133 min Scan# 2218  
Delta R.T. -0.041 min  
Lab File: BF125118.D  
Acq: 19 Aug 2021 17:12

Tgt Ion:252 Resp: 51453  
Ion Ratio Lower Upper  
252 100  
253 20.6 17.8 26.8  
125 12.0 7.2 10.8#

