

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
 Data File : BF126960.D  
 Acq On : 18 Feb 2022 19:03  
 Operator : CG\JU  
 Sample : N1600-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C0AA7

Quant Time: Feb 18 23:53:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:55:48 2022  
 Response via : Initial Calibration

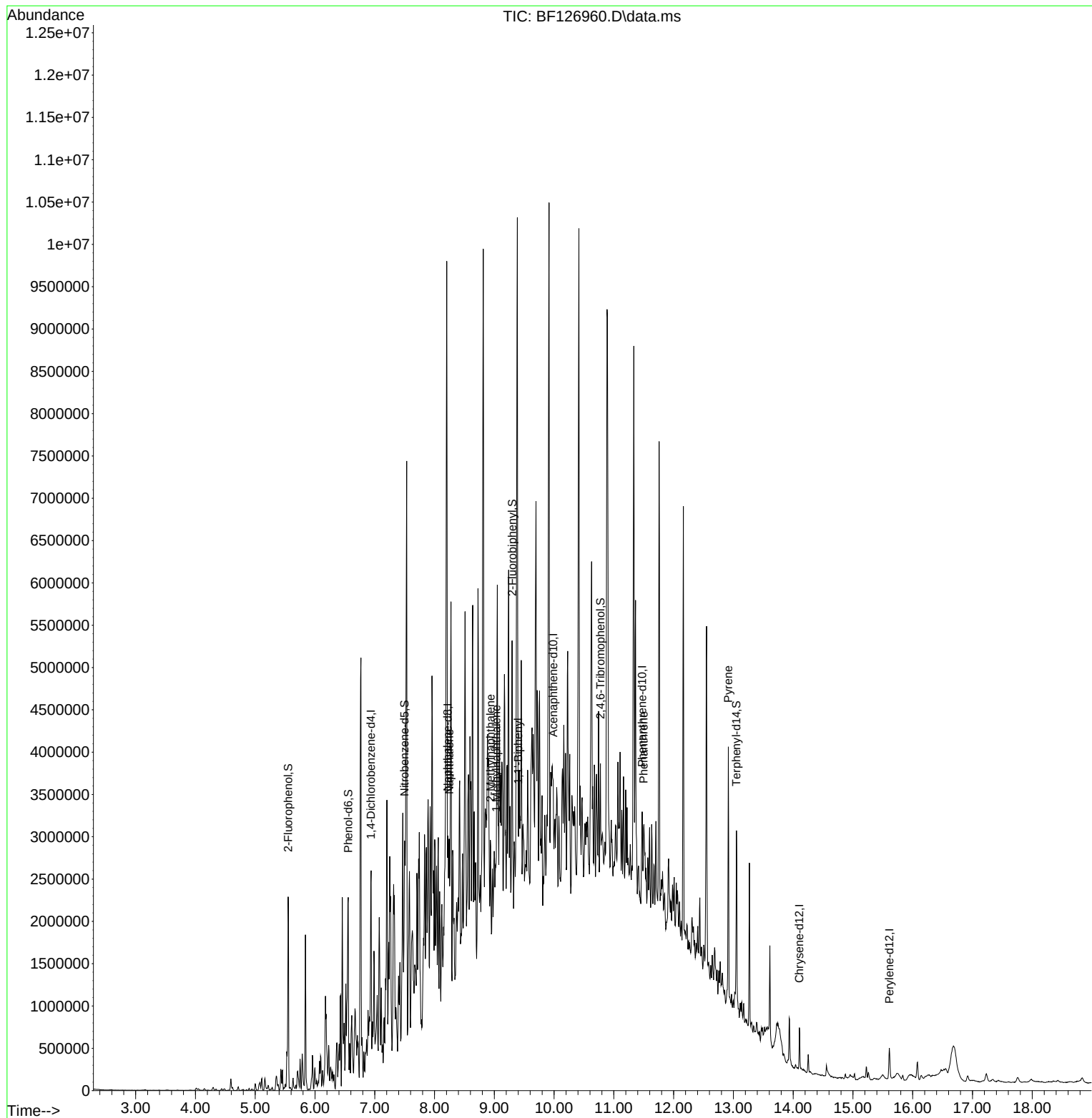
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.933  | 152  | 91120    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.222  | 136  | 342376   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.986  | 164  | 176424   | 20.000 | ng    | 0.01     |
| 64) Phenanthrene-d10        | 11.474 | 188  | 275453   | 20.000 | ng    | 0.01     |
| 76) Chrysene-d12            | 14.104 | 240  | 161383   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.609 | 264  | 147844   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.551  | 112  | 548434   | 93.025 | ng    | 0.00     |
| 7) Phenol-d6                | 6.557  | 99   | 744570   | 93.596 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.498  | 82   | 541350   | 71.369 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.774 | 330  | 159779   | 78.659 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.298  | 172  | 740921   | 61.826 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.051 | 244  | 660829   | 60.195 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.245  | 128  | 113511   | 6.351  | ng    | # 78     |
| 37) 2-Methylnaphthalene     | 8.939  | 142  | 200983   | 17.330 | ng    | 98       |
| 38) 1-Methylnaphthalene     | 9.033  | 142  | 130465   | 11.748 | ng    | 95       |
| 46) 1,1'-Biphenyl           | 9.398  | 154  | 77537    | 5.547  | ng    | 95       |
| 71) Phenanthrene            | 11.498 | 178  | 38015    | 2.466  | ng    | # 85     |
| 78) Pyrene                  | 12.915 | 202  | 37468    | 2.672  | ng    | # 93     |
| -----                       |        |      |          |        |       |          |

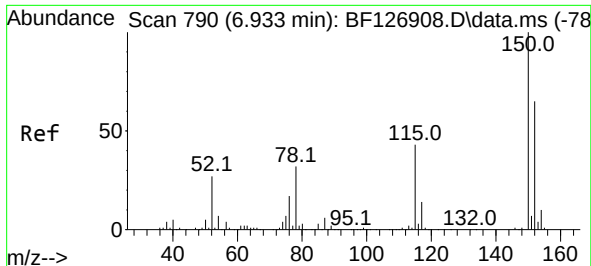
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

Quant Time: Feb 18 23:53:21 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 16 14:55:48 2022  
Response via : Initial Calibration

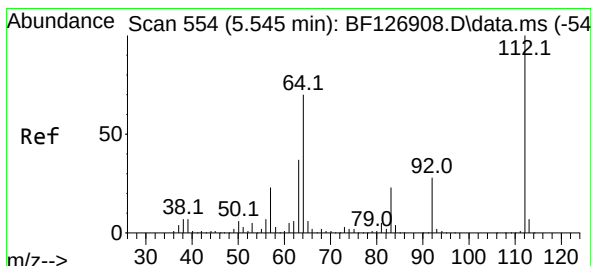
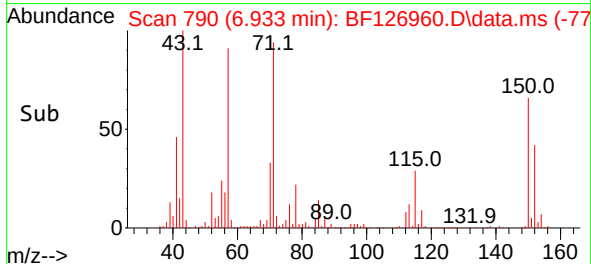
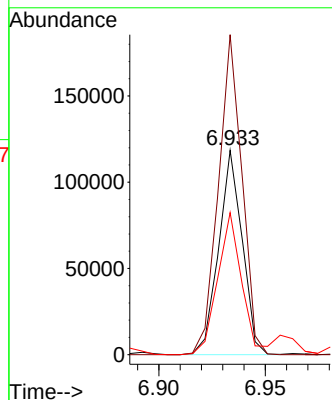
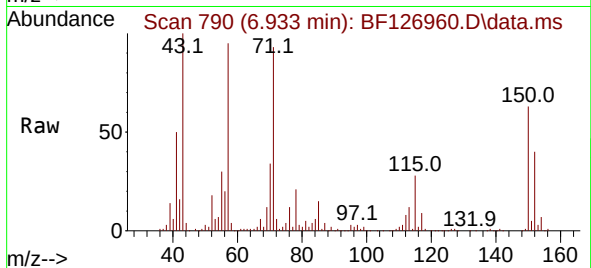




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.933 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

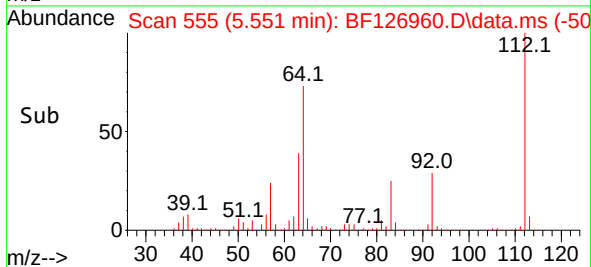
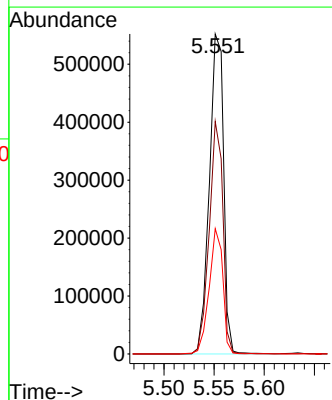
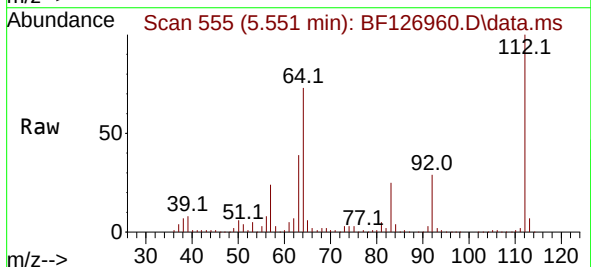
Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

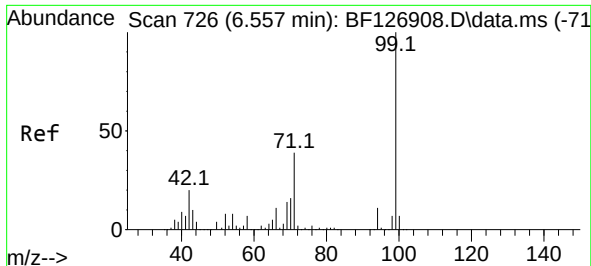
Tgt Ion:152 Resp: 91120  
Ion Ratio Lower Upper  
152 100  
150 156.6 128.1 192.1  
115 69.6 56.7 85.1



#5  
2-Fluorophenol  
Concen: 93.025 ng  
RT: 5.551 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

Tgt Ion:112 Resp: 548434  
Ion Ratio Lower Upper  
112 100  
64 72.6 49.5 74.3  
63 39.1 23.9 35.9#

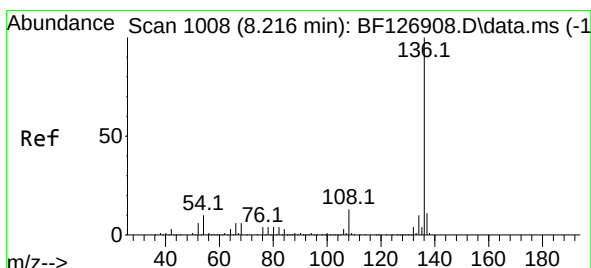
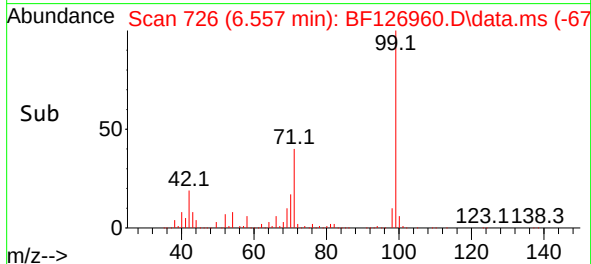
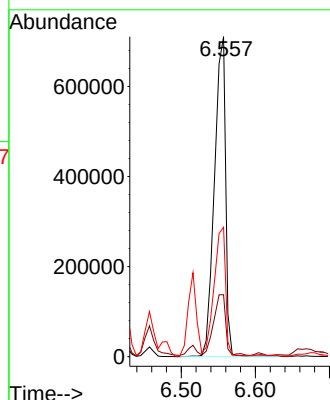
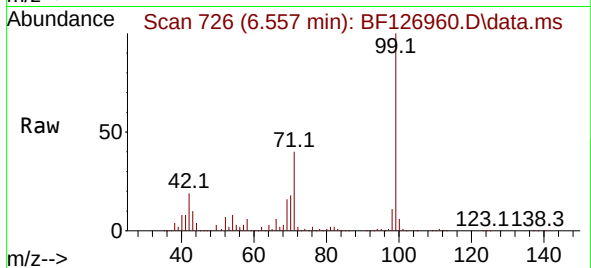




#7  
Phenol-d6  
Concen: 93.596 ng  
RT: 6.557 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

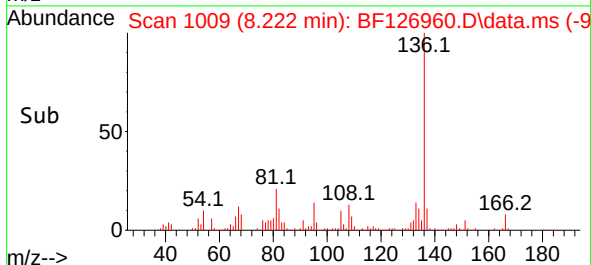
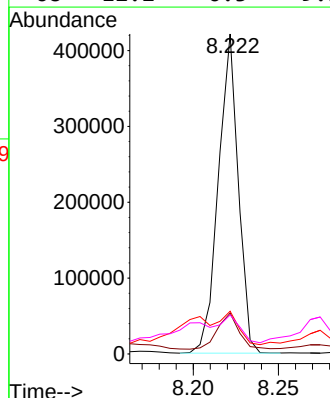
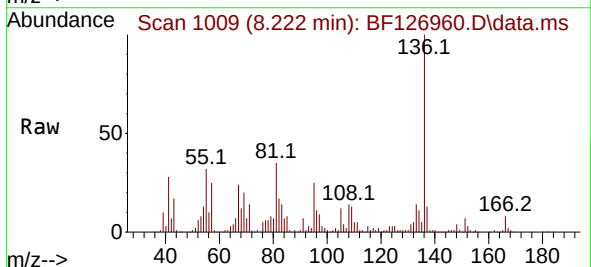
Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

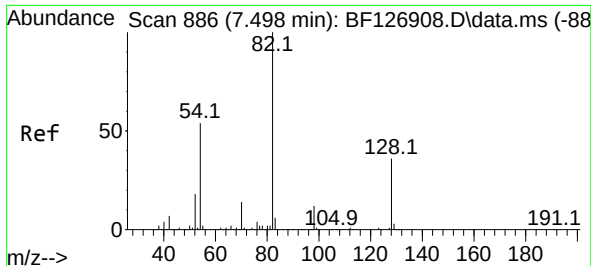
Tgt Ion: 99 Resp: 744570  
Ion Ratio Lower Upper  
99 100  
42 19.4 14.2 21.4  
71 40.4 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.222 min Scan# 1009  
Delta R.T. 0.006 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

Tgt Ion:136 Resp: 342376  
Ion Ratio Lower Upper  
136 100  
137 12.8 8.6 13.0  
54 13.3 7.8 11.6#  
68 12.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 71.369 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF126960.D

Acq: 18 Feb 2022 19:03

Instrument :

BNA\_F

ClientSampleId :

C0AA7

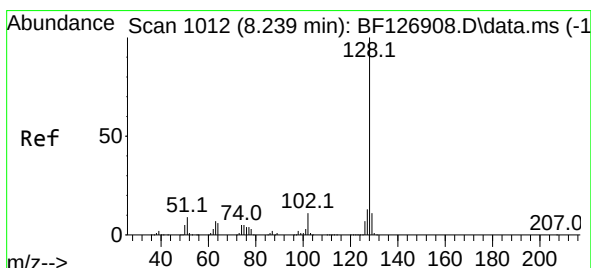
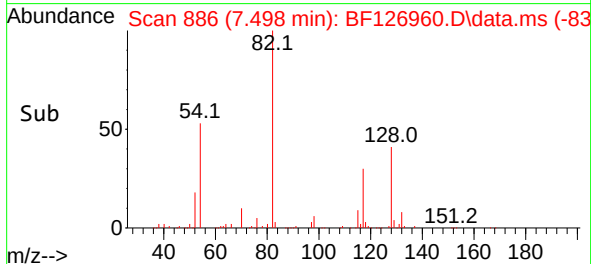
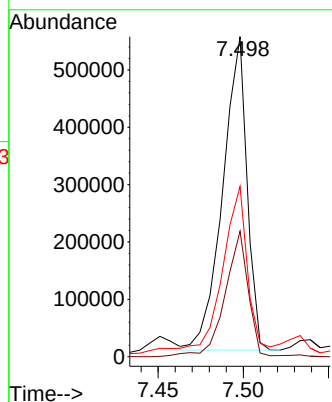
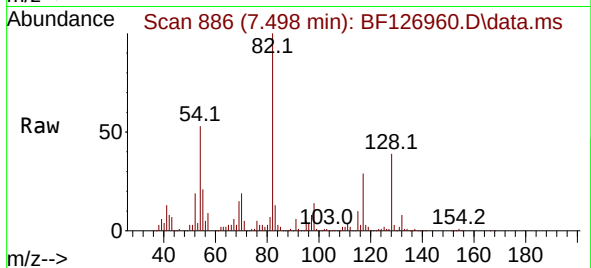
Tgt Ion: 82 Resp: 541350

Ion Ratio Lower Upper

82 100

128 39.2 32.7 49.1

54 53.2 41.7 62.5



#31

Naphthalene

Concen: 6.351 ng

RT: 8.245 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF126960.D

Acq: 18 Feb 2022 19:03

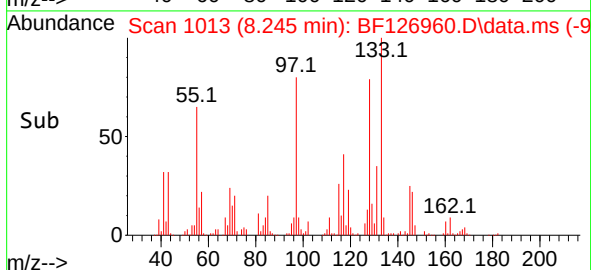
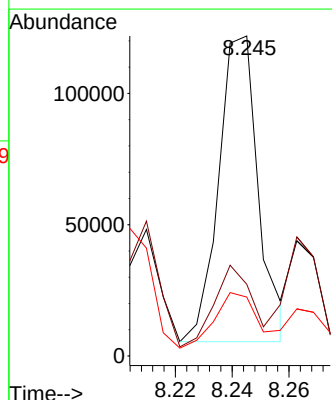
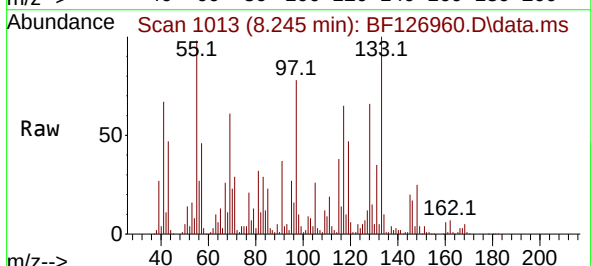
Tgt Ion:128 Resp: 113511

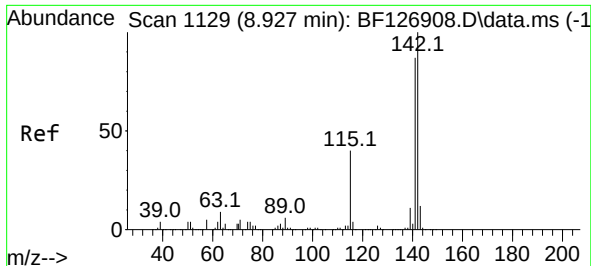
Ion Ratio Lower Upper

128 100

129 22.4 8.6 13.0#

127 18.4 10.3 15.5#

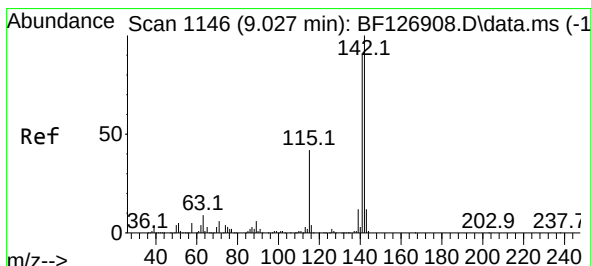
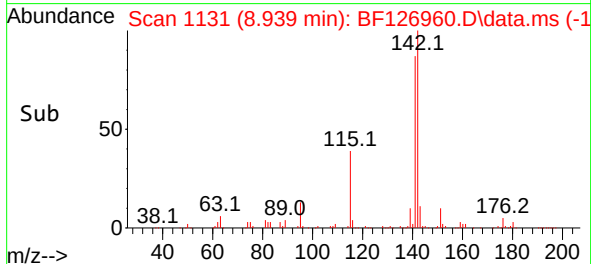
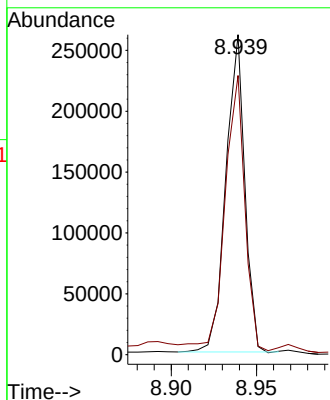
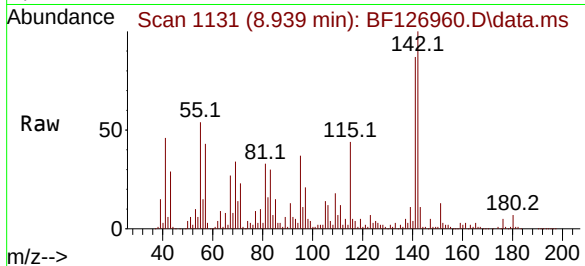




#37  
2-Methylnaphthalene  
Concen: 17.330 ng  
RT: 8.939 min Scan# 1131  
Delta R.T. 0.012 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

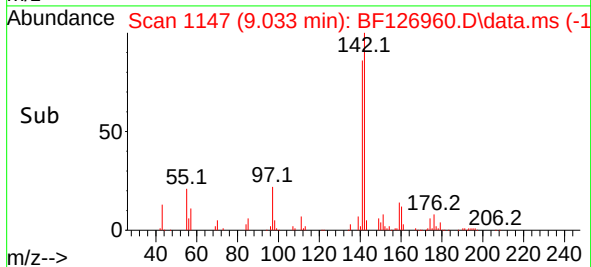
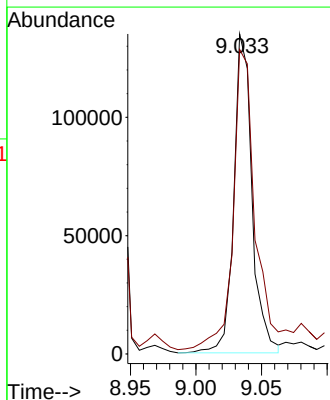
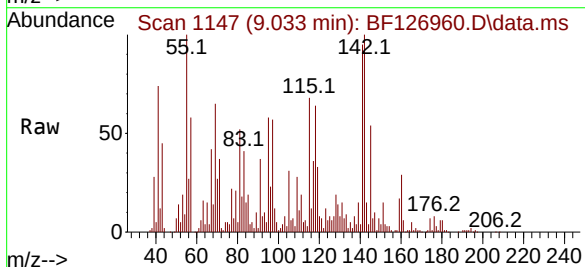
Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

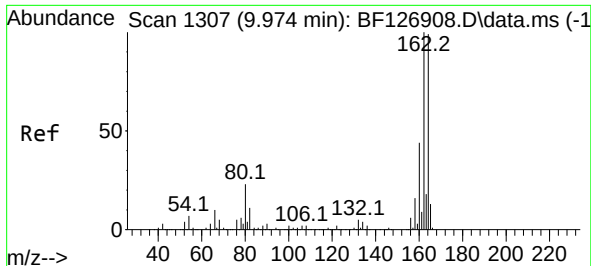
Tgt Ion:142 Resp: 200983  
Ion Ratio Lower Upper  
142 100  
141 87.3 68.6 102.8



#38  
1-Methylnaphthalene  
Concen: 11.748 ng  
RT: 9.033 min Scan# 1147  
Delta R.T. 0.006 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

Tgt Ion:142 Resp: 130465  
Ion Ratio Lower Upper  
142 100  
141 95.2 72.1 108.1

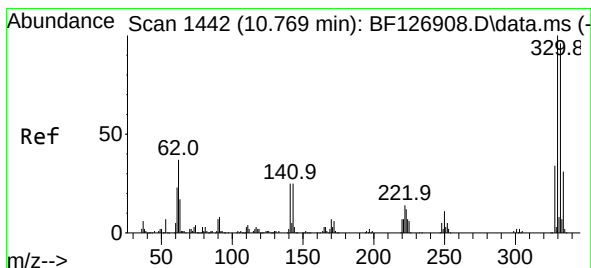
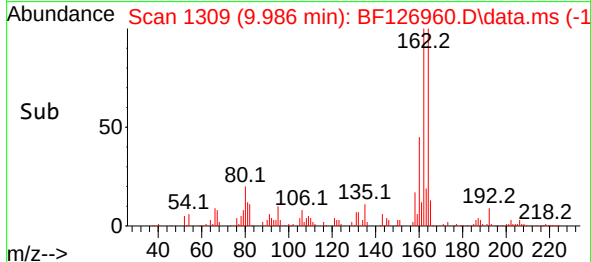
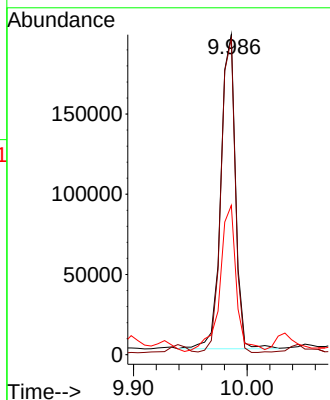
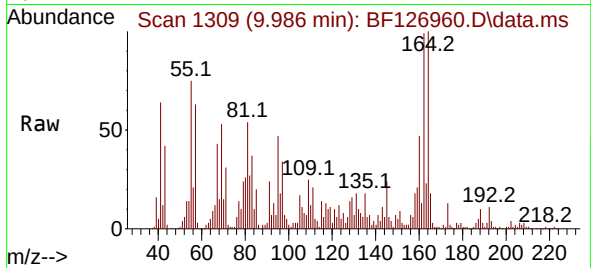




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.986 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

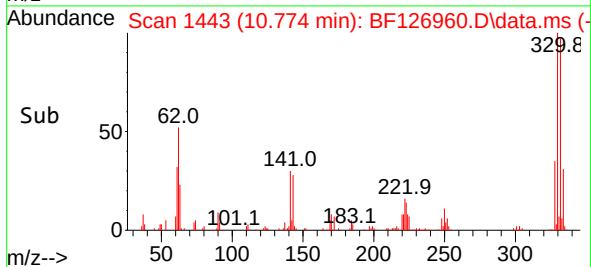
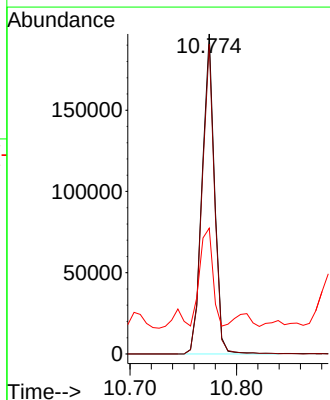
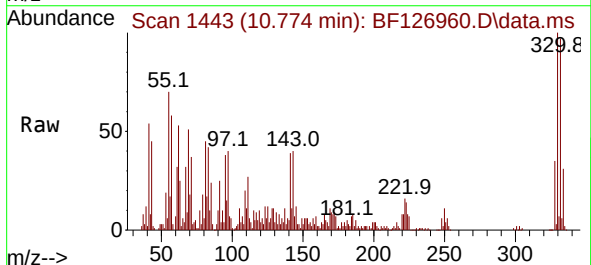
Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

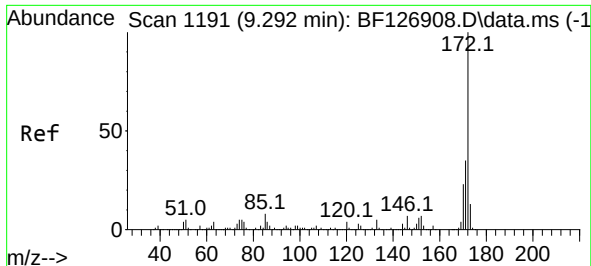
Tgt Ion:164 Resp: 176424  
Ion Ratio Lower Upper  
164 100  
162 98.7 81.4 122.0  
160 46.7 36.6 54.8



#42  
2,4,6-Tribromophenol  
Concen: 78.659 ng  
RT: 10.774 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

Tgt Ion:330 Resp: 159779  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.0 114.0  
141 32.2 30.1 45.1

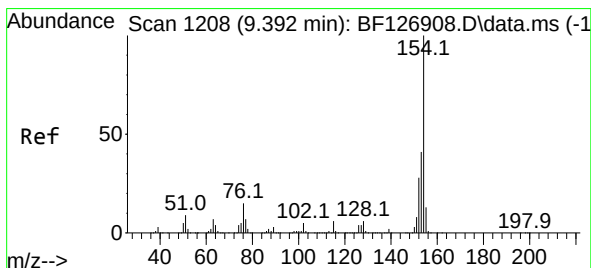
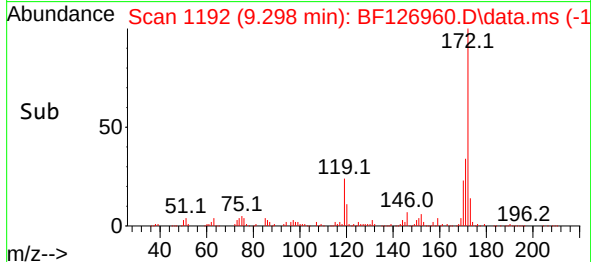
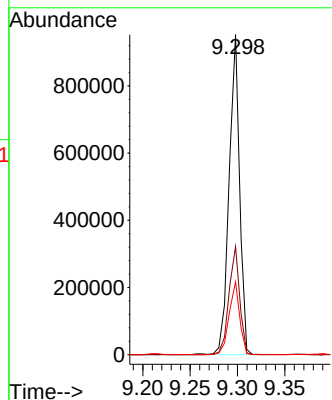
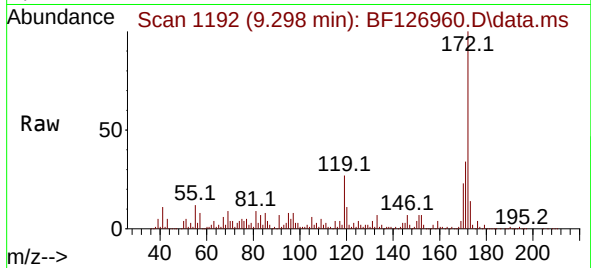




#45  
2-Fluorobiphenyl  
Concen: 61.826 ng  
RT: 9.298 min Scan# 1191  
Delta R.T. 0.006 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

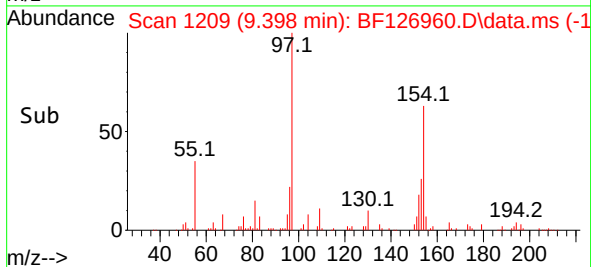
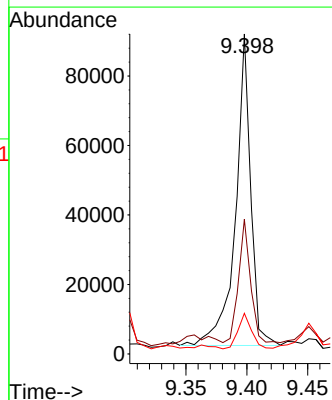
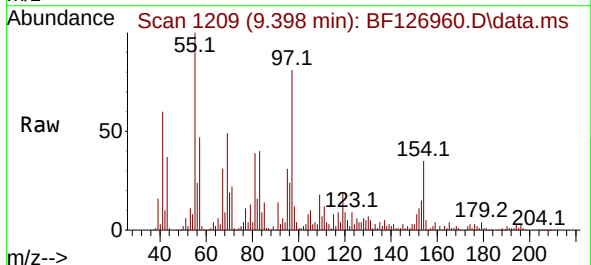
Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

Tgt Ion:172 Resp: 740921  
Ion Ratio Lower Upper  
172 100  
171 33.8 28.3 42.5  
170 22.8 19.0 28.6

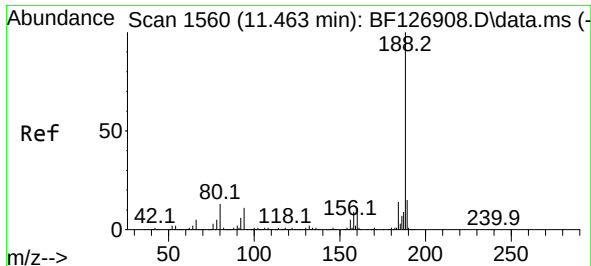


#46  
1,1'-Biphenyl  
Concen: 5.547 ng  
RT: 9.398 min Scan# 1209  
Delta R.T. 0.006 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

Tgt Ion:154 Resp: 77537  
Ion Ratio Lower Upper  
154 100  
153 42.1 19.0 59.0  
76 12.7 0.0 34.5



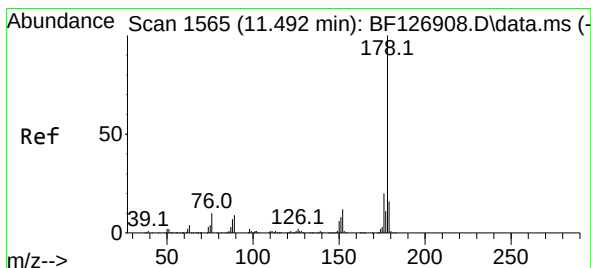
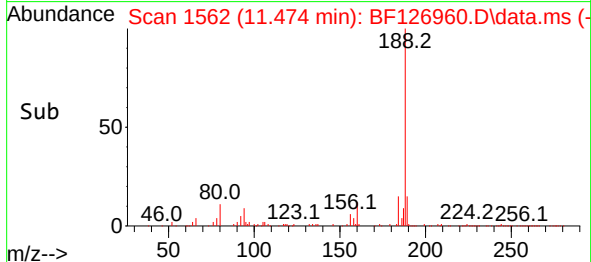
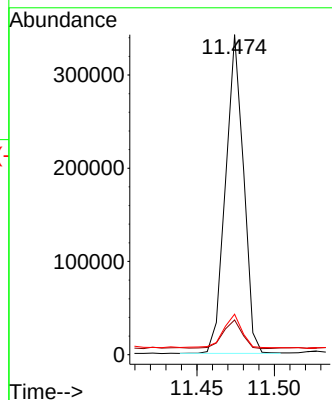
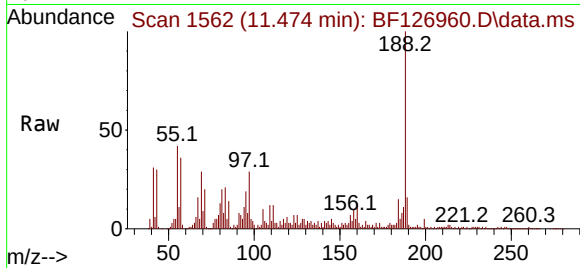




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.474 min Scan# 1562  
Delta R.T. 0.012 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

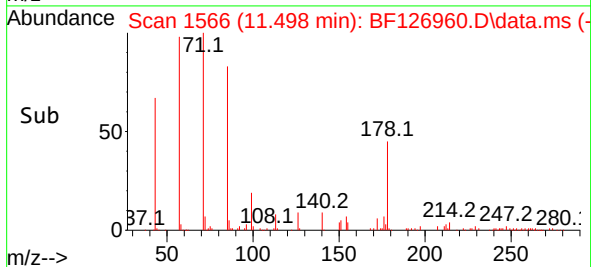
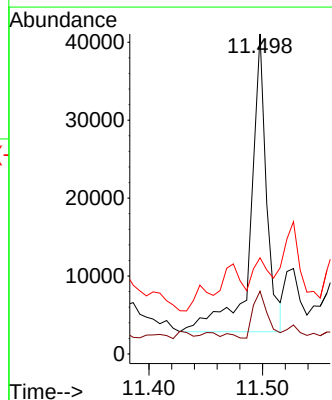
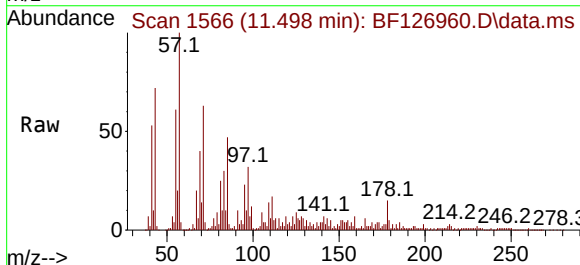
Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

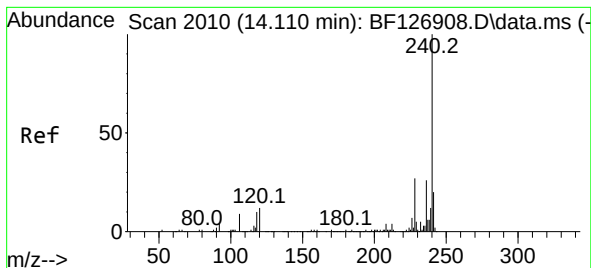
Tgt Ion:188 Resp: 275453  
Ion Ratio Lower Upper  
188 100  
94 10.9 10.1 15.1  
80 12.7 11.8 17.6



#71  
Phenanthrene  
Concen: 2.466 ng  
RT: 11.498 min Scan# 1566  
Delta R.T. 0.006 min  
Lab File: BF126960.D  
Acq: 18 Feb 2022 19:03

Tgt Ion:178 Resp: 38015  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 30.1 12.3 18.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF126960.D

Acq: 18 Feb 2022 19:03

Instrument :

BNA\_F

ClientSampleId :

C0AA7

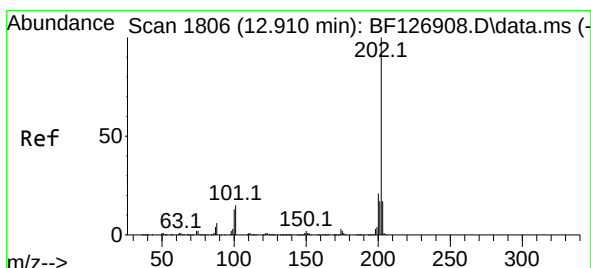
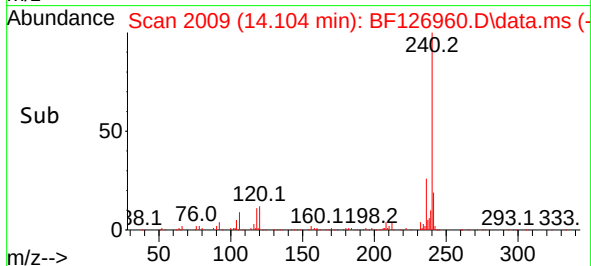
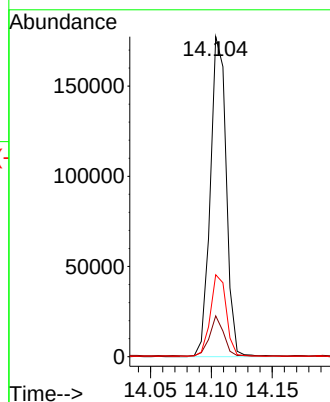
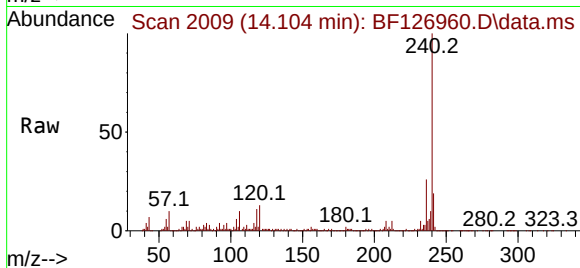
Tgt Ion:240 Resp: 161383

Ion Ratio Lower Upper

240 100

120 12.8 14.4 21.6#

236 25.6 20.5 30.7



#78

Pyrene

Concen: 2.672 ng

RT: 12.915 min Scan# 1807

Delta R.T. 0.006 min

Lab File: BF126960.D

Acq: 18 Feb 2022 19:03

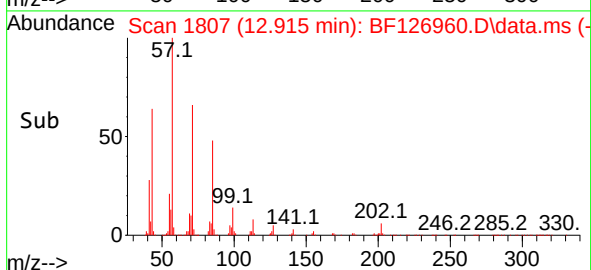
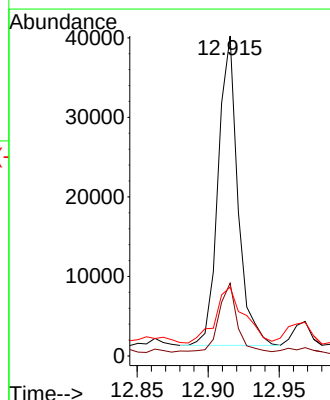
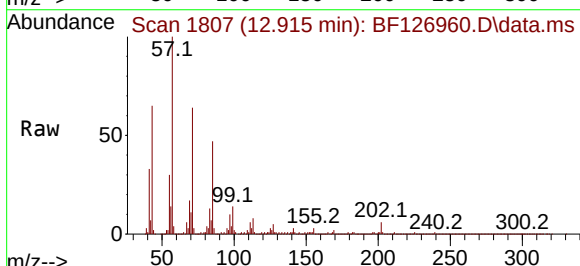
Tgt Ion:202 Resp: 37468

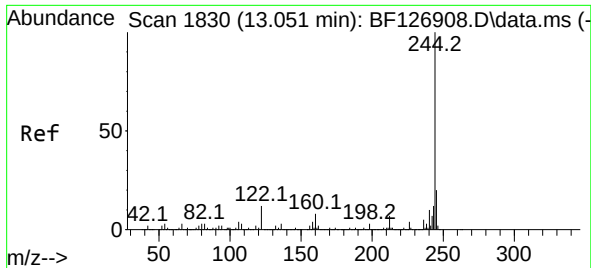
Ion Ratio Lower Upper

202 100

200 22.8 16.6 24.8

203 21.5 13.8 20.8#

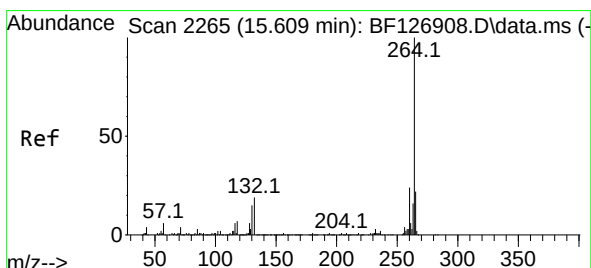
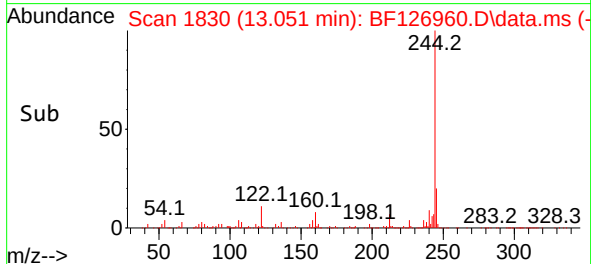
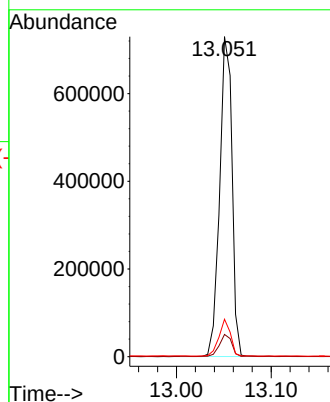
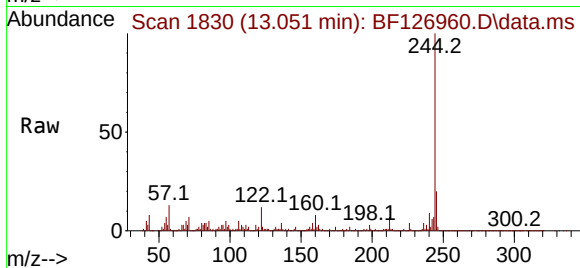




#79  
 Terphenyl-d14  
 Concen: 60.195 ng  
 RT: 13.051 min Scan# 1830  
 Delta R.T. -0.000 min  
 Lab File: BF126960.D  
 Acq: 18 Feb 2022 19:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C0AA7

Tgt Ion:244 Resp: 660829  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.0 7.4  
 122 11.7 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.609 min Scan# 2265  
 Delta R.T. -0.000 min  
 Lab File: BF126960.D  
 Acq: 18 Feb 2022 19:03

Tgt Ion:264 Resp: 147844  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.2 28.8  
 265 20.2 17.4 26.2

