

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121521\  
 Data File : BF126203.D  
 Acq On : 15 Dec 2021 21:03  
 Operator : JU/CG  
 Sample : PB141259BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141259BL

Quant Time: Dec 16 12:36:14 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 12:22:48 2021  
 Response via : Initial Calibration

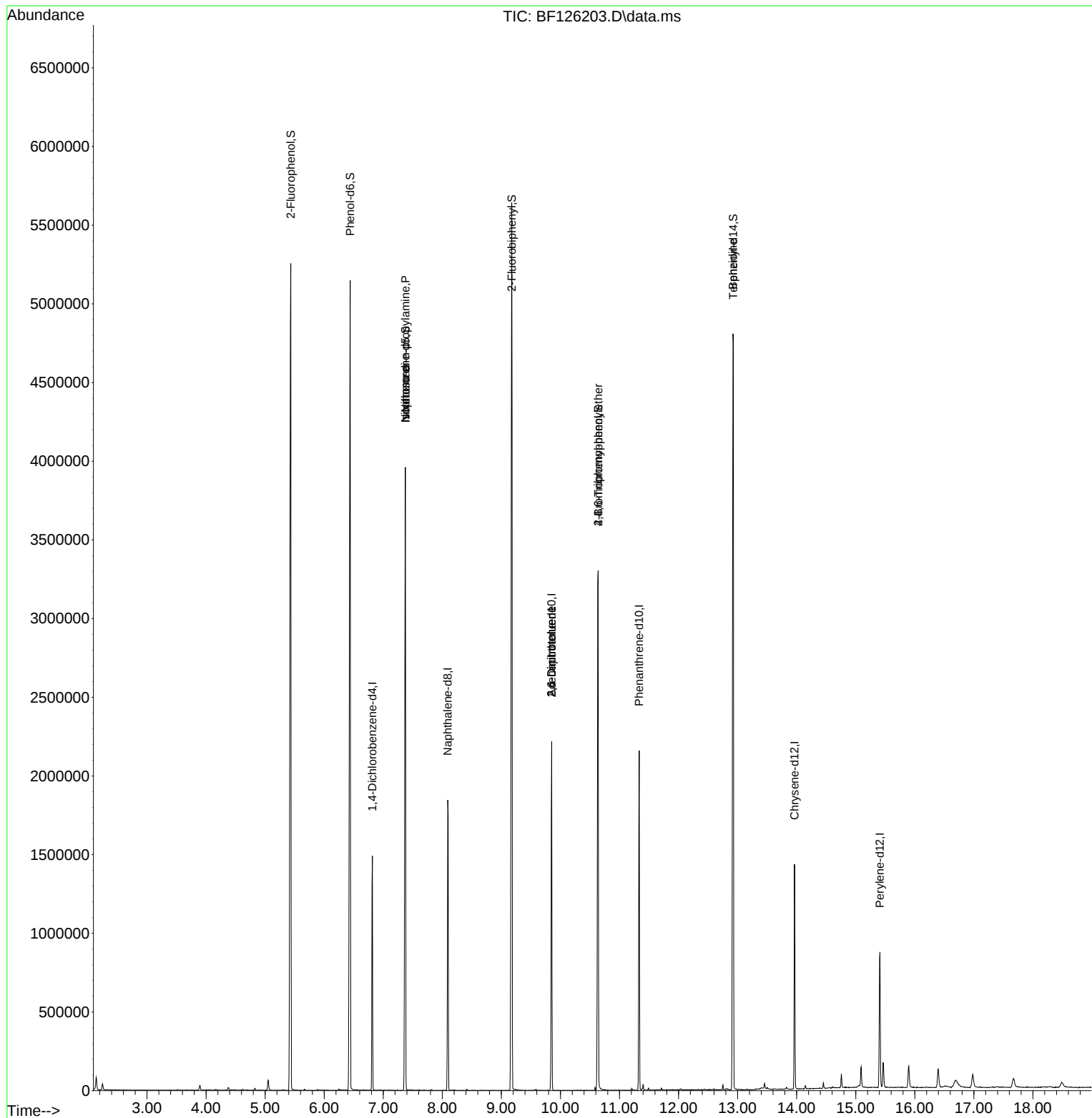
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 213094   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.092  | 136  | 916713   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.851  | 164  | 439323   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 719486   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.962 | 240  | 447964   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.409 | 264  | 345375   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1762525  | 121.805 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.439  | 99   | 2205420  | 120.034 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 1486997  | 87.851  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 444529   | 125.908 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.175  | 172  | 2014580  | 80.427  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1894878  | 73.522  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 190766   | 16.913  | ng    | # 55     |
| 25) Isophorone                | 7.375  | 82   | 1472209  | 46.059  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.851  | 165  | 54805    | 9.099   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.851  | 165  | 54805    | 7.133   | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.639 | 248  | 23369    | 3.461   | ng    | # 1      |
| 77) Benzidine                 | 12.921 | 184  | 23163    | 3.280   | ng    | # 90     |
| -----                         |        |      |          |         |       |          |

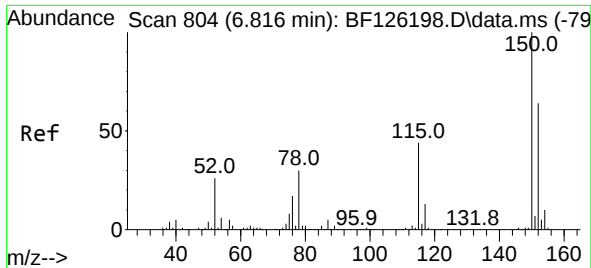
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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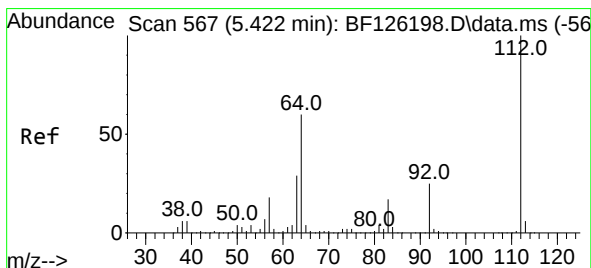
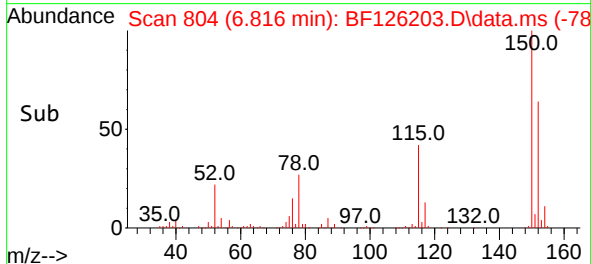
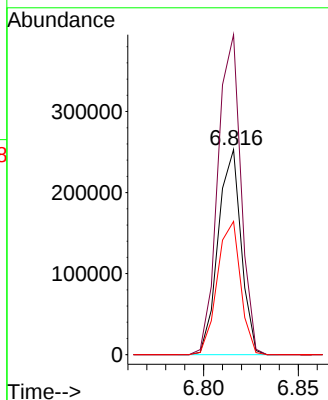
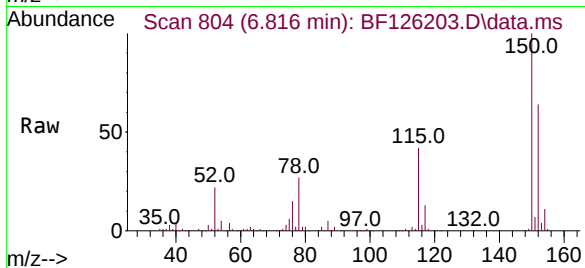




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

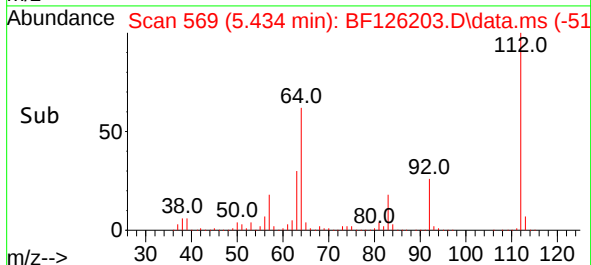
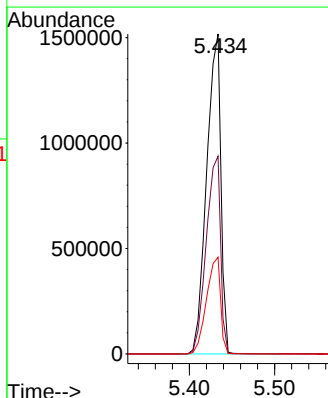
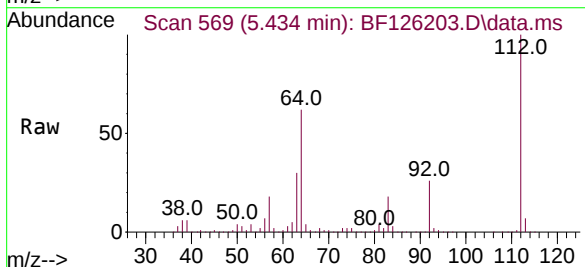
Instrument :  
BNA\_F  
ClientSampleId :  
PB141259BL

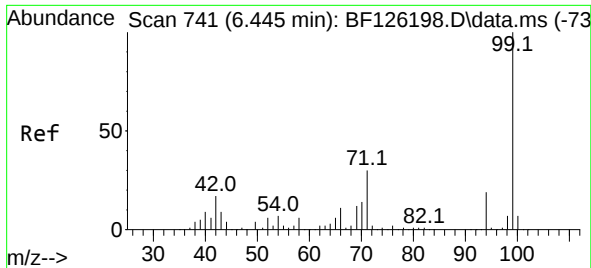
Tgt Ion:152 Resp: 213094  
Ion Ratio Lower Upper  
152 100  
150 156.0 117.6 176.4  
115 65.0 47.1 70.7



#5  
2-Fluorophenol  
Concen: 121.805 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.012 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

Tgt Ion:112 Resp: 1762525  
Ion Ratio Lower Upper  
112 100  
64 61.8 44.2 66.2  
63 30.3 26.2 39.2

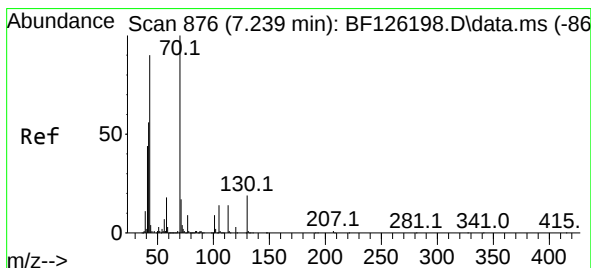
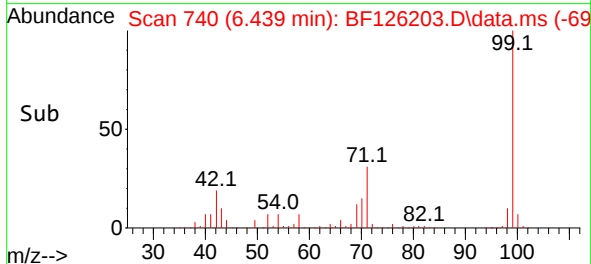
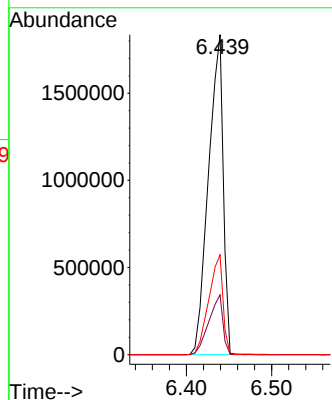
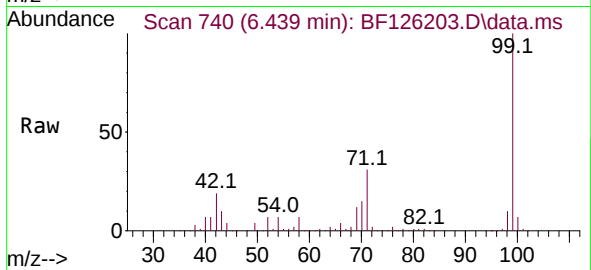




#7  
Phenol-d6  
Concen: 120.034 ng  
RT: 6.439 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

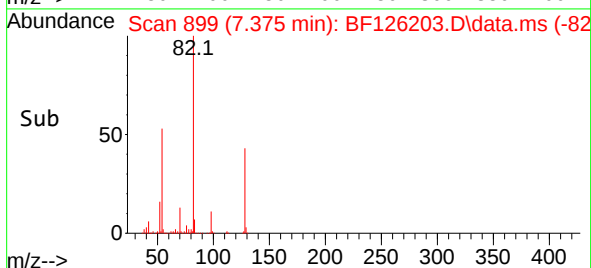
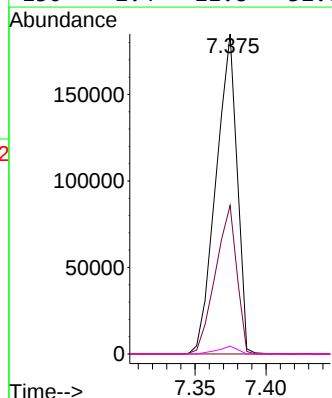
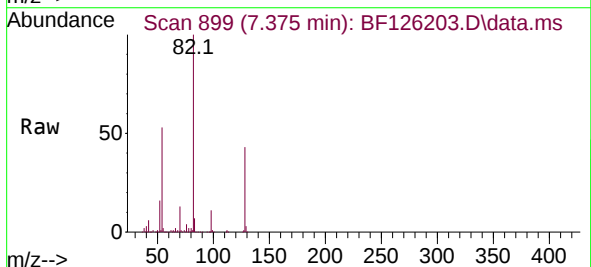
Instrument :  
BNA\_F  
ClientSampleId :  
PB141259BL

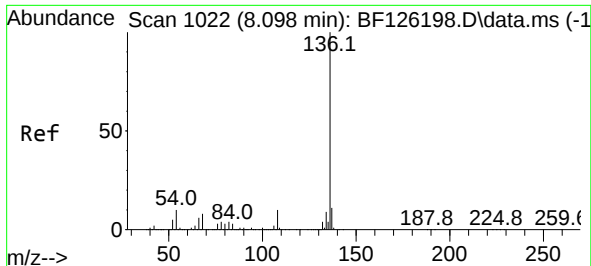
Tgt Ion: 99 Resp: 2205420  
Ion Ratio Lower Upper  
99 100  
42 18.7 23.5 35.3#  
71 31.2 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.913 ng  
RT: 7.375 min Scan# 899  
Delta R.T. 0.135 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

Tgt Ion: 70 Resp: 190766  
Ion Ratio Lower Upper  
70 100  
42 46.4 72.2 108.2#  
101 0.0 7.8 11.8#  
130 2.4 21.8 32.6#

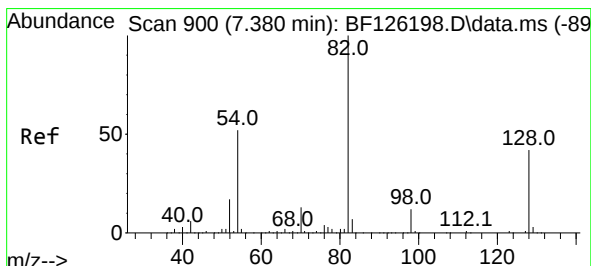
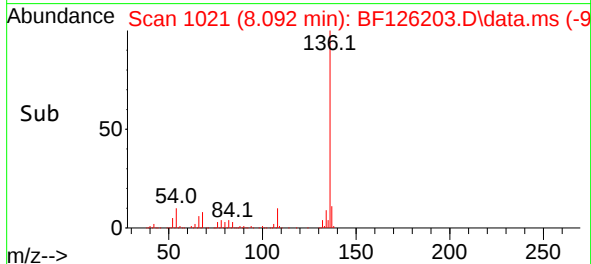
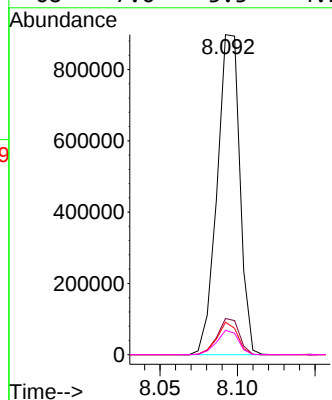
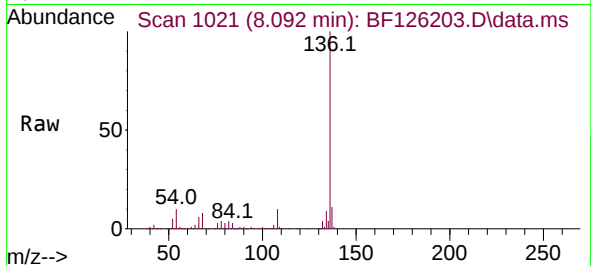




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

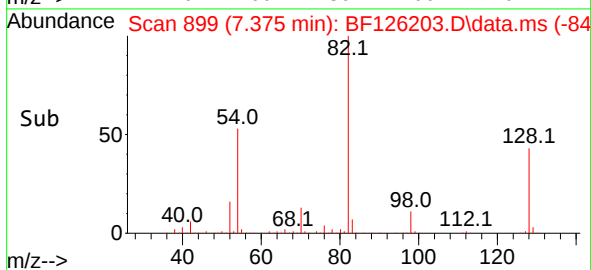
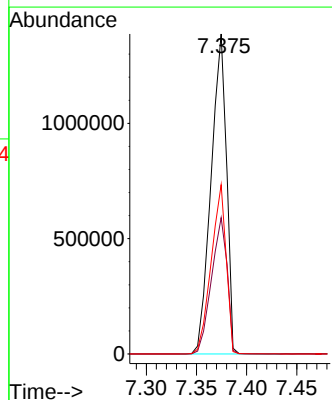
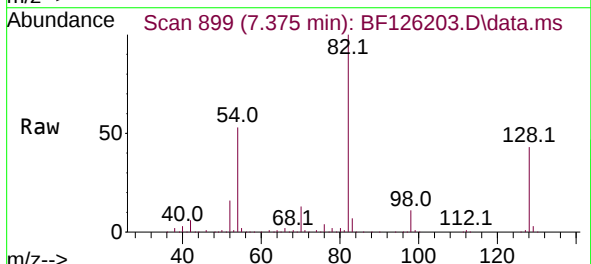
Instrument :  
BNA\_F  
ClientSampleId :  
PB141259BL

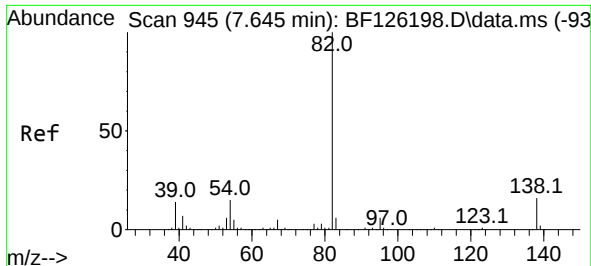
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 916713 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 9.8   | 14.6   |
| 54       | 10.1  | 6.4   | 9.6#   |
| 68       | 7.6   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 87.851 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1486997 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 42.6  | 40.6  | 60.8    |
| 54       | 52.9  | 49.6  | 74.4    |

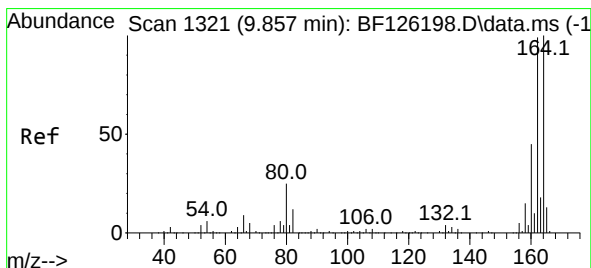
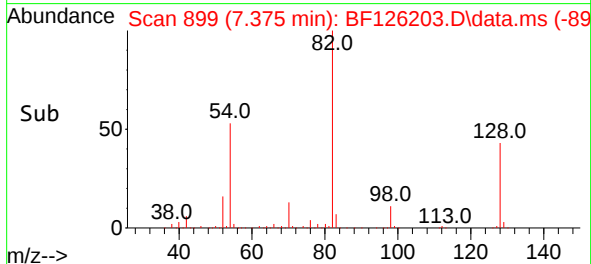
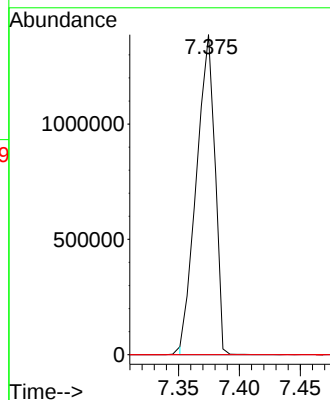
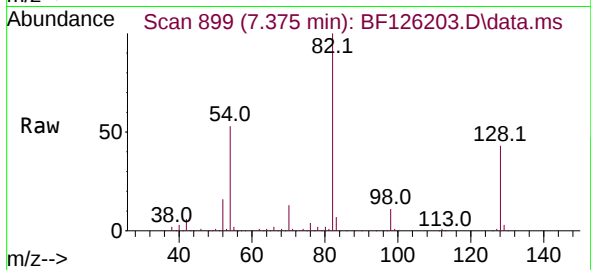




#25  
Isophorone  
Concen: 46.059 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.271 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

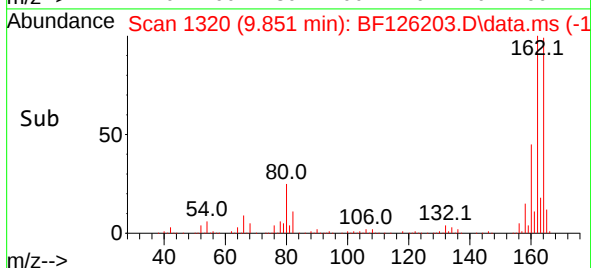
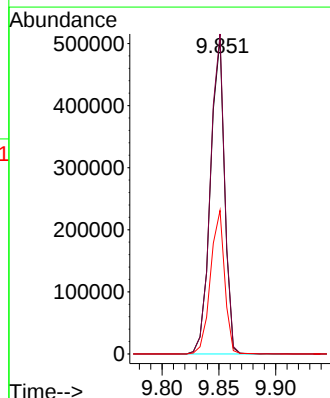
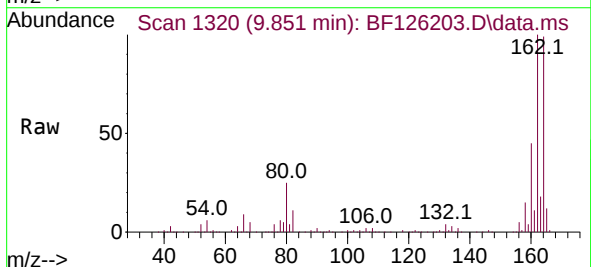
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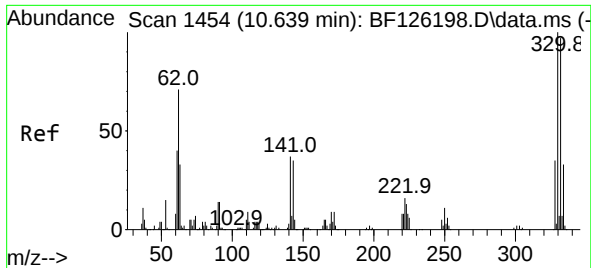
Tgt Ion: 82 Resp: 1472209  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

Tgt Ion:164 Resp: 439323  
Ion Ratio Lower Upper  
164 100  
162 101.5 81.3 121.9  
160 45.5 38.0 57.0

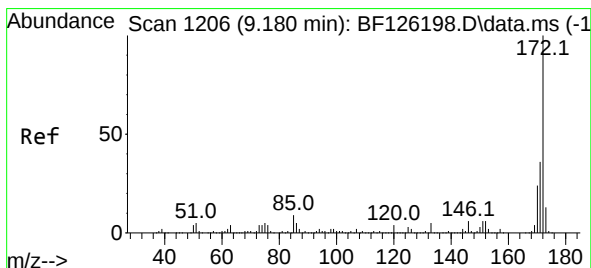
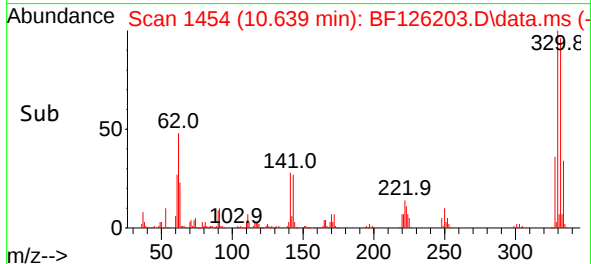
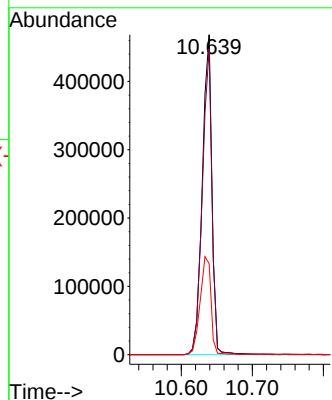
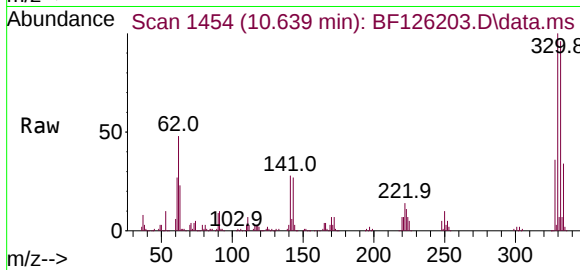




#42  
2,4,6-Tribromophenol  
Concen: 125.908 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

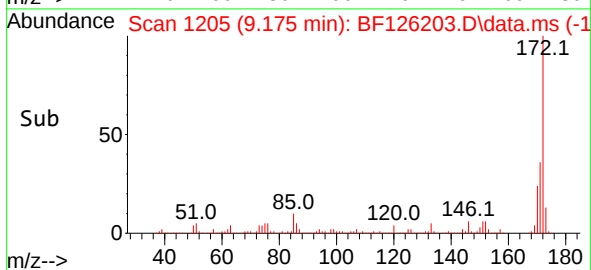
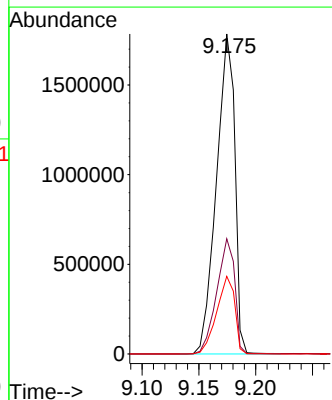
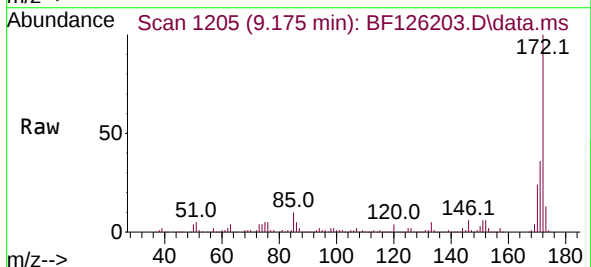
Instrument :  
BNA\_F  
ClientSampleId :  
PB141259BL

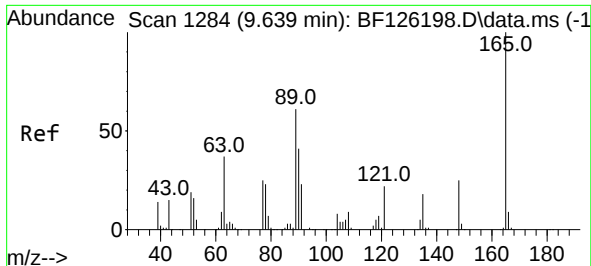
Tgt Ion:330 Resp: 444529  
Ion Ratio Lower Upper  
330 100  
332 95.5 76.2 114.4  
141 34.4 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 80.427 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

Tgt Ion:172 Resp: 2014580  
Ion Ratio Lower Upper  
172 100  
171 36.0 26.5 39.7  
170 24.2 18.8 28.2

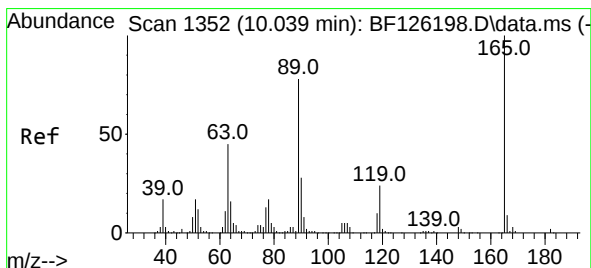
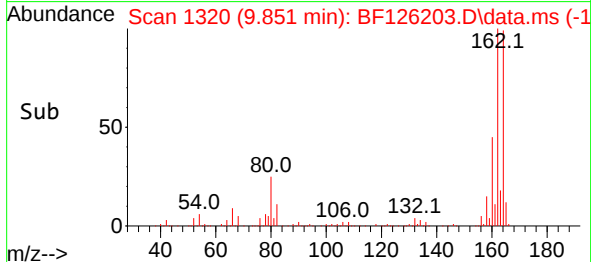
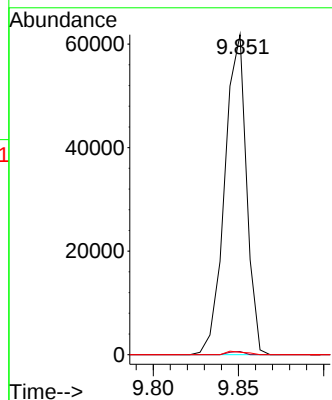
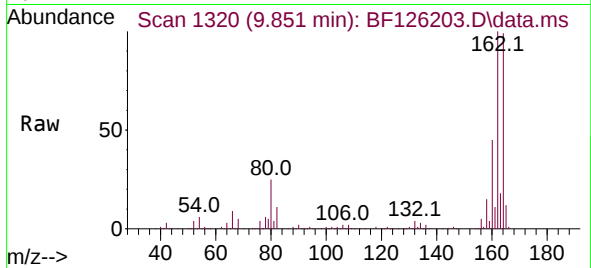




#51  
2,6-Dinitrotoluene  
Concen: 9.099 ng  
RT: 9.851 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

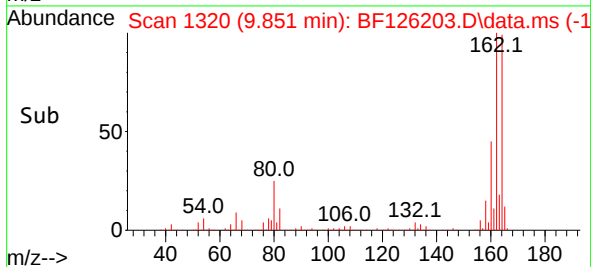
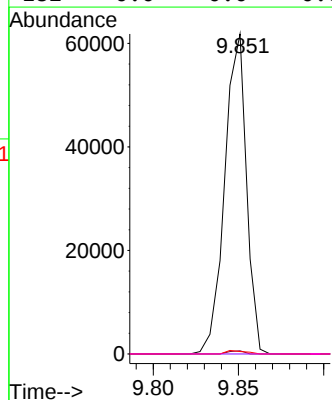
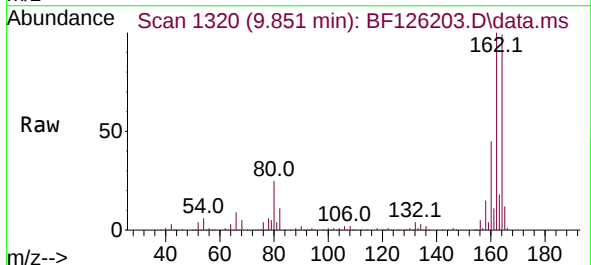
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ClientSampleId :  
PB141259BL

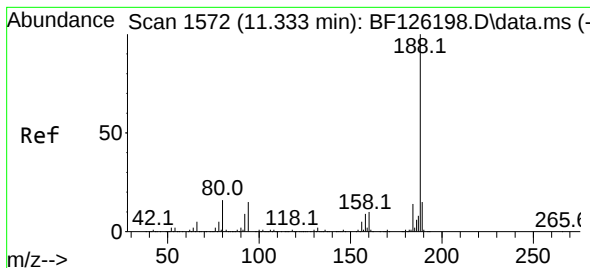
Tgt Ion:165 Resp: 54805  
Ion Ratio Lower Upper  
165 100  
63 1.0 42.6 63.8#  
89 0.7 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 7.133 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.188 min  
Lab File: BF126203.D  
Acq: 15 Dec 2021 21:03

Tgt Ion:165 Resp: 54805  
Ion Ratio Lower Upper  
165 100  
63 1.0 40.9 61.3#  
89 0.7 59.7 89.5#  
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126203.D

Acq: 15 Dec 2021 21:03

Instrument :

BNA\_F

ClientSampleId :

PB141259BL

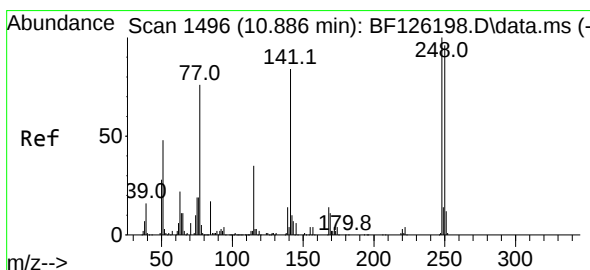
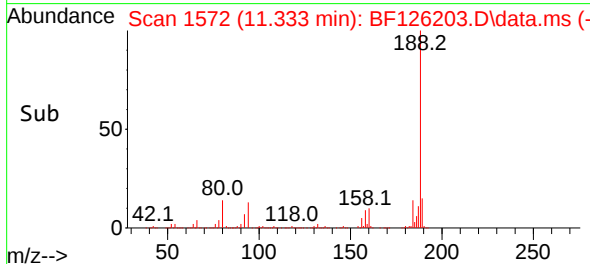
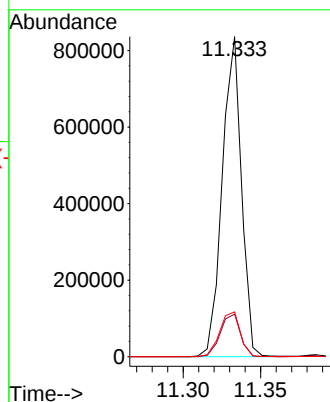
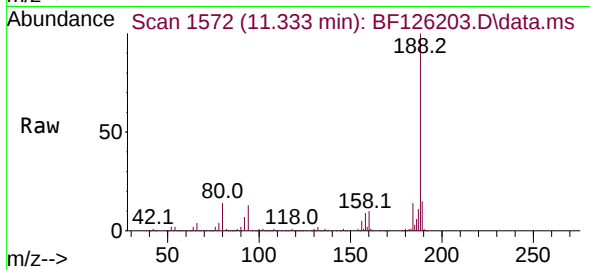
Tgt Ion:188 Resp: 719486

Ion Ratio Lower Upper

188 100

94 13.3 6.7 10.1#

80 14.0 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.461 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126203.D

Acq: 15 Dec 2021 21:03

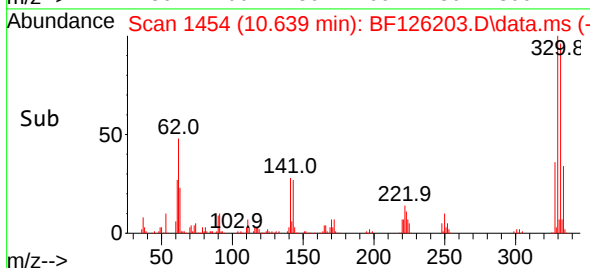
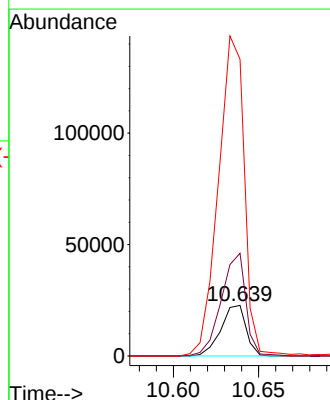
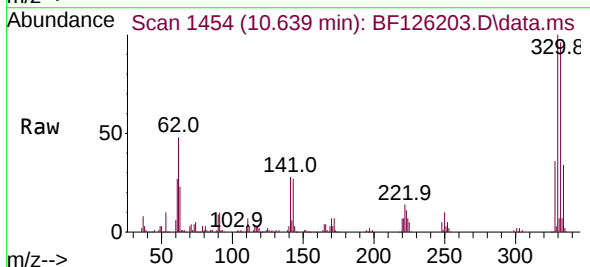
Tgt Ion:248 Resp: 23369

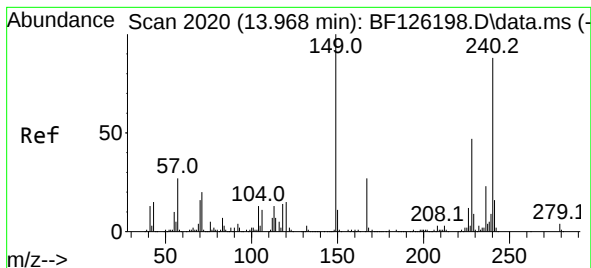
Ion Ratio Lower Upper

248 100

250 203.4 74.2 111.4#

141 587.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126203.D

Acq: 15 Dec 2021 21:03

Instrument :

BNA\_F

ClientSampleId :

PB141259BL

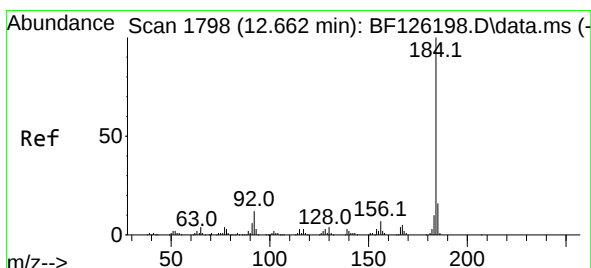
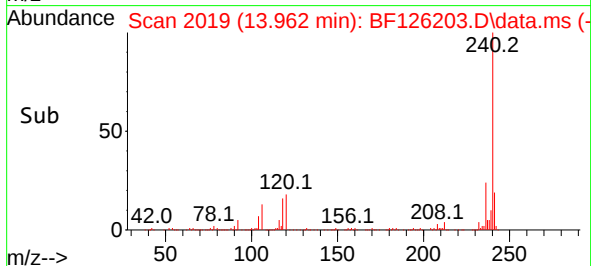
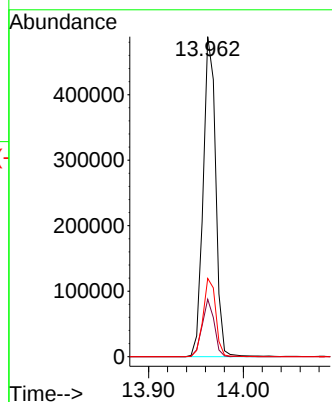
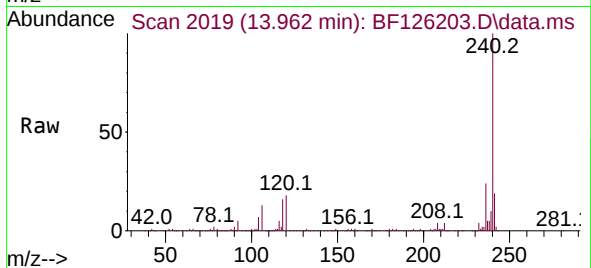
Tgt Ion:240 Resp: 447964

Ion Ratio Lower Upper

240 100

120 17.9 10.8 16.2#

236 24.4 21.6 32.4



#77

Benidine

Concen: 3.280 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF126203.D

Acq: 15 Dec 2021 21:03

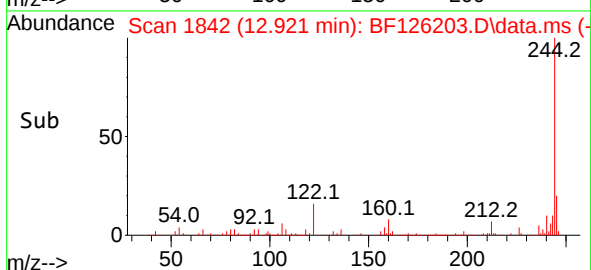
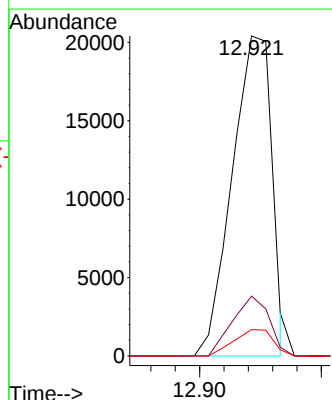
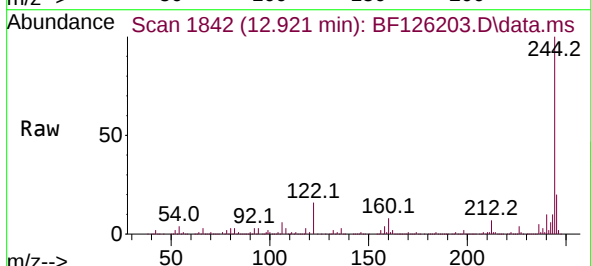
Tgt Ion:184 Resp: 23163

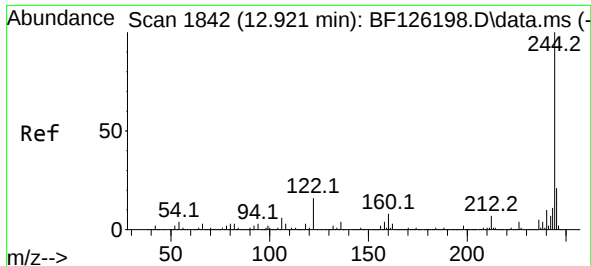
Ion Ratio Lower Upper

184 100

185 18.7 10.8 16.2#

183 8.2 8.1 12.1

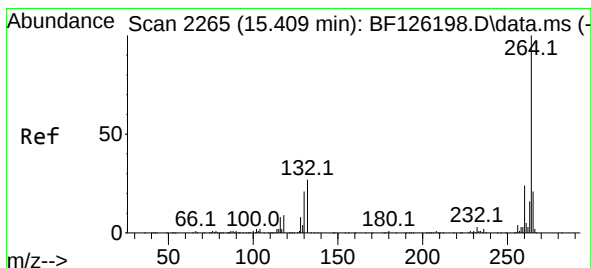
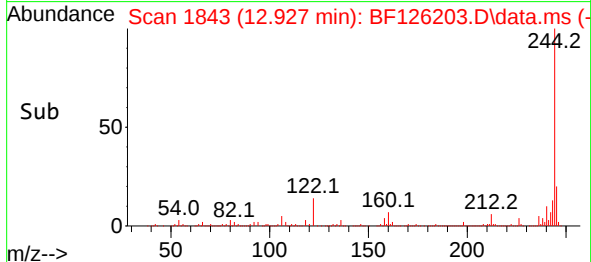
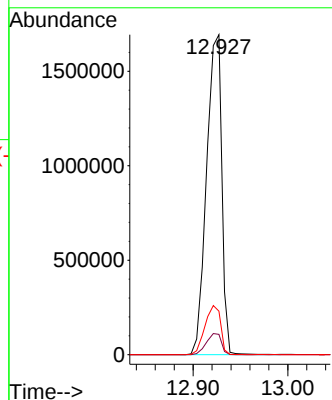
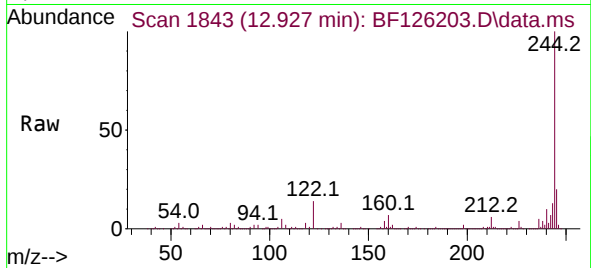




#79  
 Terphenyl-d14  
 Concen: 73.522 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. 0.006 min  
 Lab File: BF126203.D  
 Acq: 15 Dec 2021 21:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141259BL

Tgt Ion:244 Resp: 1894878  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.9 8.9  
 122 13.6 9.0 13.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.409 min Scan# 2265  
 Delta R.T. 0.000 min  
 Lab File: BF126203.D  
 Acq: 15 Dec 2021 21:03

Tgt Ion:264 Resp: 345375  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.6 29.4  
 265 20.9 17.2 25.8

