

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010722\  
 Data File : BF126545.D  
 Acq On : 7 Jan 2022 16:47  
 Operator : JU/CG  
 Sample : N1051-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-6-(4.5-5)

Quant Time: Jan 08 04:38:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 01:57:07 2022  
 Response via : Initial Calibration

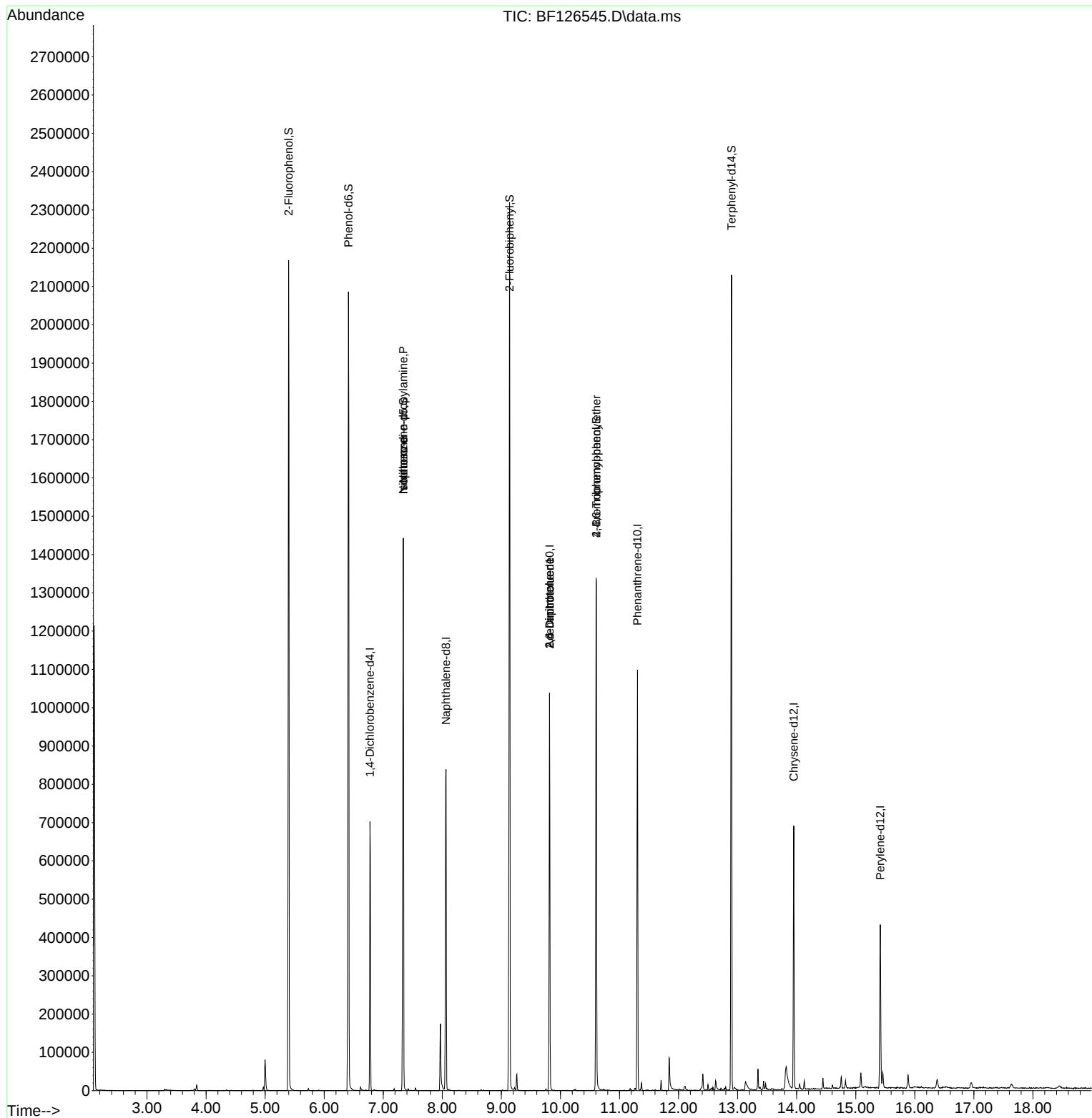
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.775  | 152  | 104482   | 20.000    | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 447978   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.816  | 164  | 217707   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 359766   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 13.951 | 240  | 222439   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 15.415 | 264  | 185462   | 20.000    | ng    | 0.03     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 659260   | 90.612    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.410  | 99   | 840609   | 89.204    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.339  | 82   | 536528   | 61.496    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 182380   | 108.410   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 805362   | 65.097    | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.898 | 244  | 734464   | 64.153    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.339  | 70   | 67826    | 12.613    | ng    | # 80     |
| 25) Isophorone                | 7.339  | 82   | 531319   | 34.019    | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 27767    | 9.460     | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 27767    | 7.333     | ng    | # 14     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 9437     | 2.955     | ng    | # 1      |
| 77) Benizidine                | 12.898 | 184  | 9244     | Below Cal |       | 96       |
| -----                         |        |      |          |           |       |          |

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

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Sample : N1051-06  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(4.5-5)

Quant Time: Jan 08 04:38:42 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 05 01:57:07 2022  
Response via : Initial Calibration

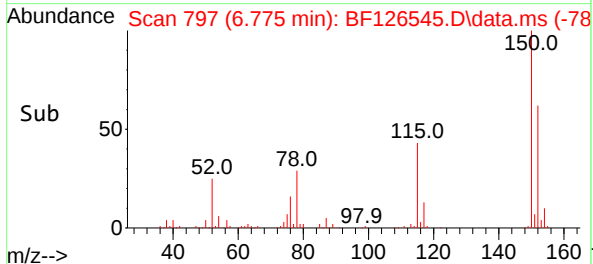
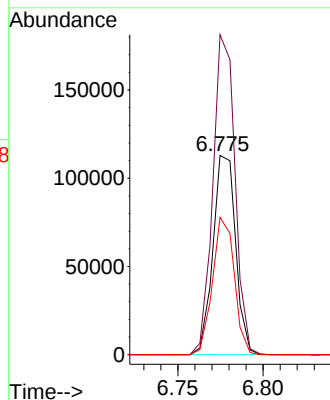
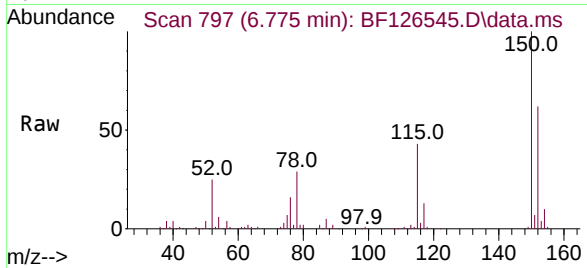




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.775 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

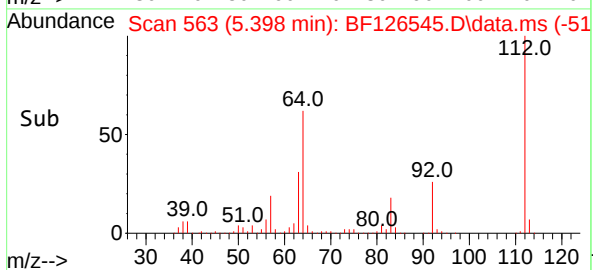
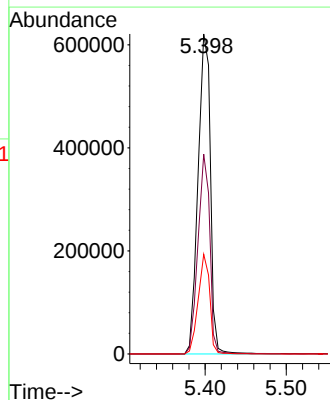
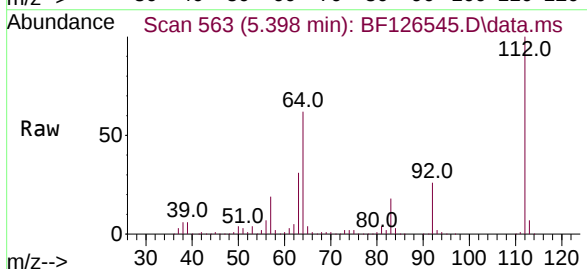
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(4.5-5)

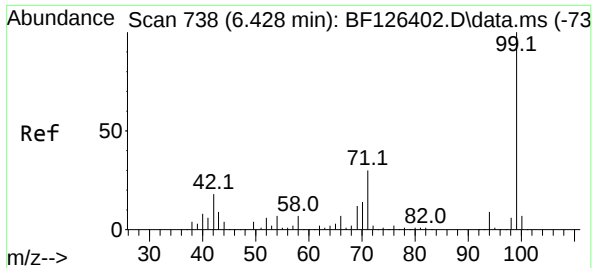
Tgt Ion:152 Resp: 104482  
Ion Ratio Lower Upper  
152 100  
150 160.7 128.1 192.1  
115 68.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 90.612 ng  
RT: 5.398 min Scan# 563  
Delta R.T. 0.006 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

Tgt Ion:112 Resp: 659260  
Ion Ratio Lower Upper  
112 100  
64 62.4 49.5 74.3  
63 31.2 23.9 35.9

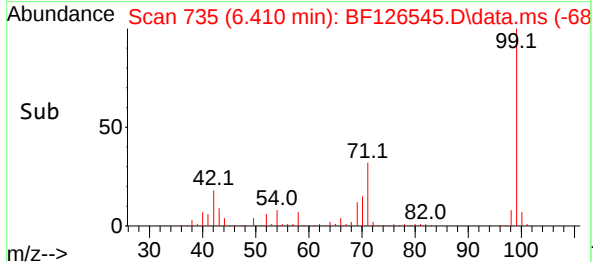
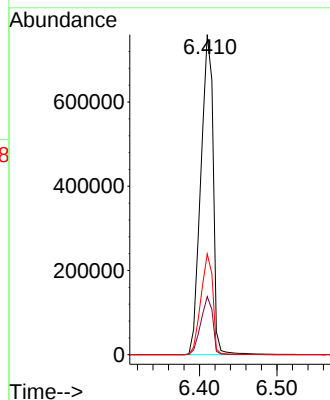
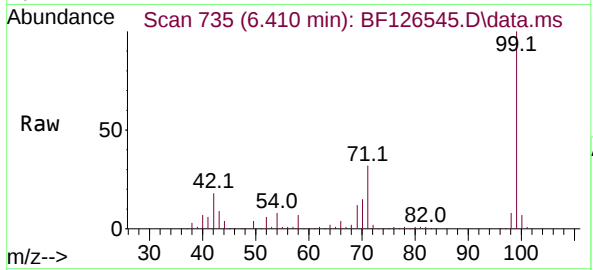




#7  
Phenol-d6  
Concen: 89.204 ng  
RT: 6.410 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

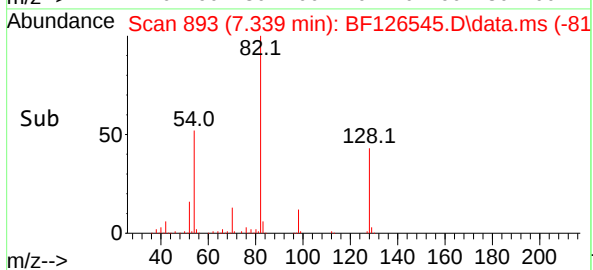
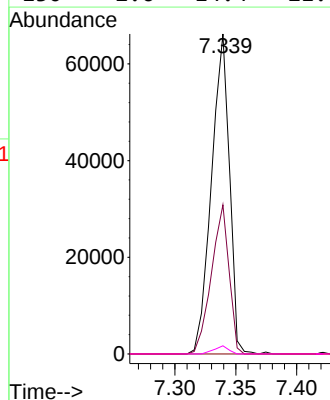
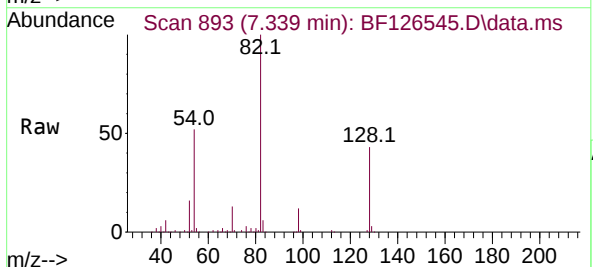
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(4.5-5)

Tgt Ion: 99 Resp: 840609  
Ion Ratio Lower Upper  
99 100  
42 18.1 14.2 21.4  
71 31.5 24.3 36.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.613 ng  
RT: 7.339 min Scan# 893  
Delta R.T. 0.135 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

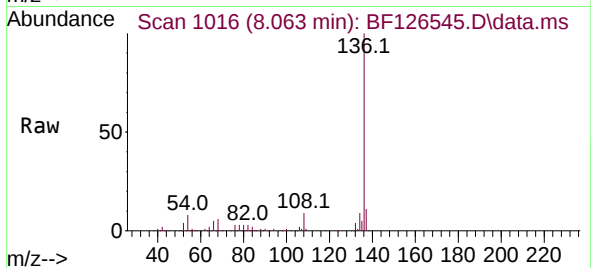
Tgt Ion: 70 Resp: 67826  
Ion Ratio Lower Upper  
70 100  
42 46.6 45.8 68.8  
101 0.0 6.9 10.3#  
130 2.6 14.4 21.6#



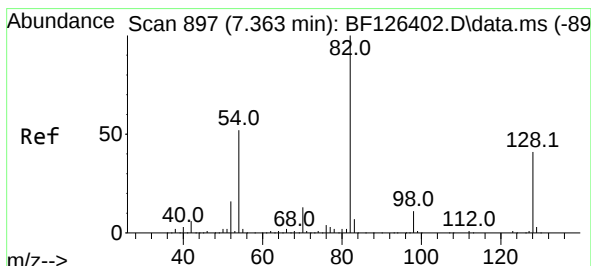
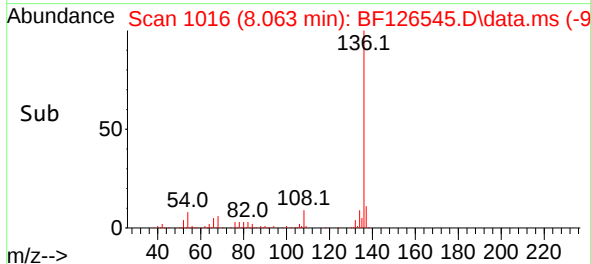
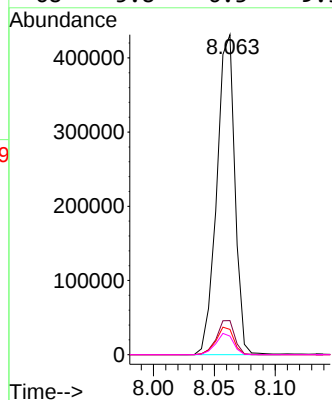


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(4.5-5)

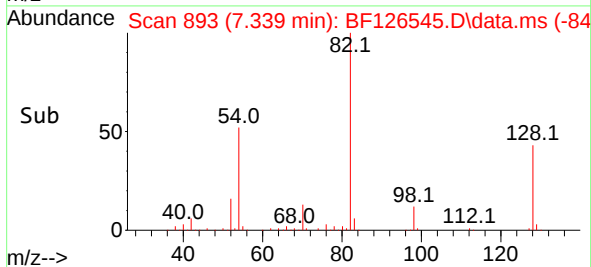
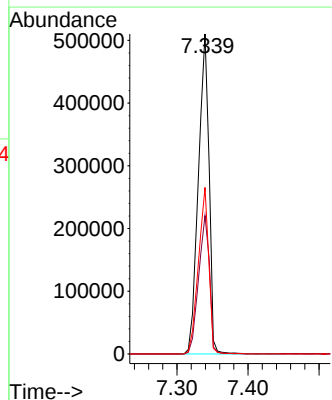
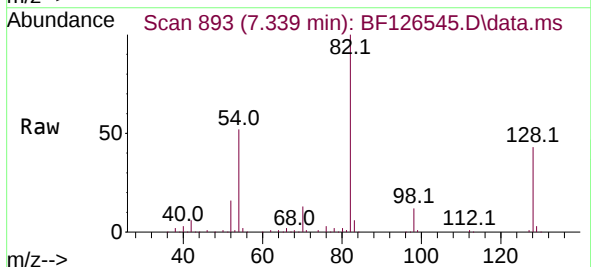


Tgt Ion:136 Resp: 447978  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 7.9 7.8 11.6  
68 5.8 6.3 9.5#



#23  
Nitrobenzene-d5  
Concen: 61.496 ng  
RT: 7.339 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

Tgt Ion: 82 Resp: 536528  
Ion Ratio Lower Upper  
82 100  
128 43.3 32.7 49.1  
54 52.1 41.7 62.5

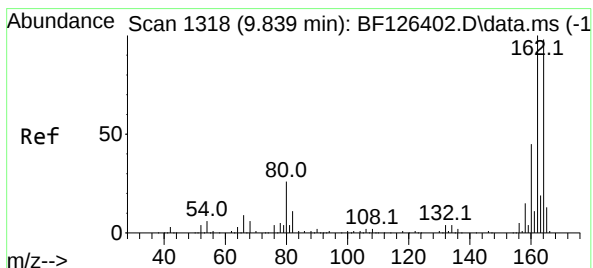
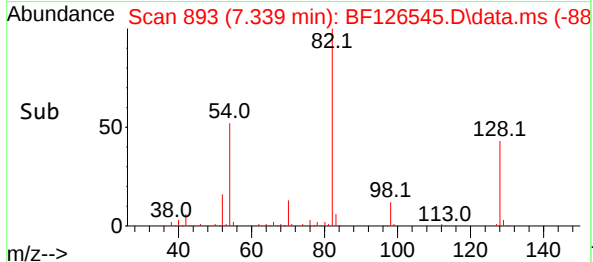
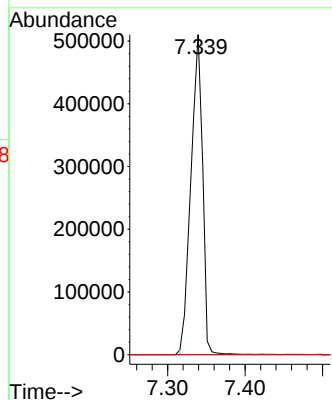
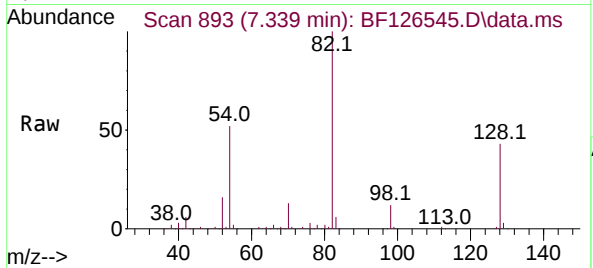




#25  
Isophorone  
Concen: 34.019 ng  
RT: 7.339 min Scan# 893  
Delta R.T. -0.271 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

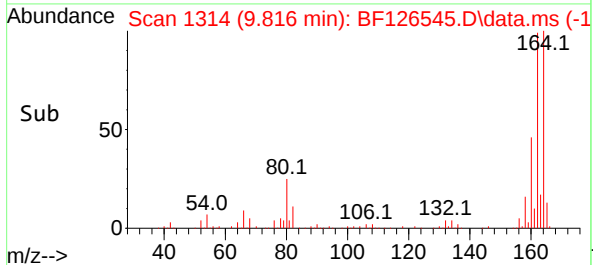
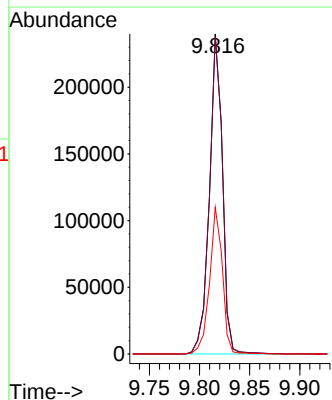
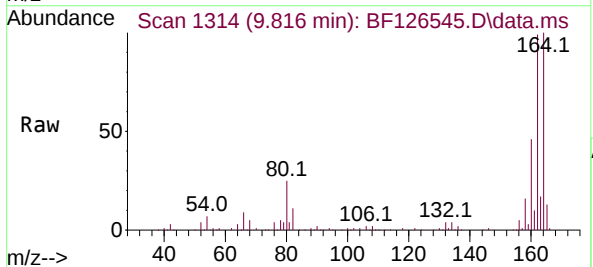
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(4.5-5)

Tgt Ion: 82 Resp: 531319  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

Tgt Ion: 164 Resp: 217707  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.4 122.0  
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 108.410 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126545.D

Acq: 7 Jan 2022 16:47

Instrument :

BNA\_F

ClientSampleId :

SB-6-(4.5-5)

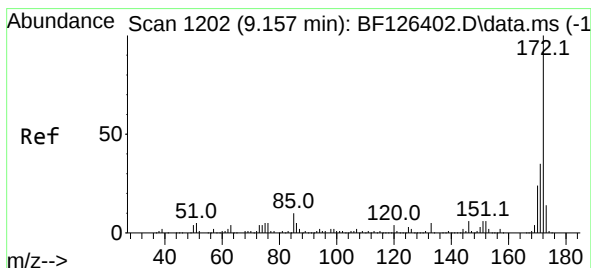
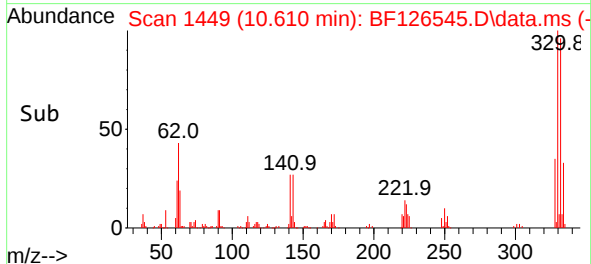
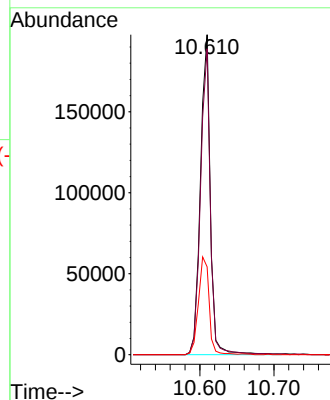
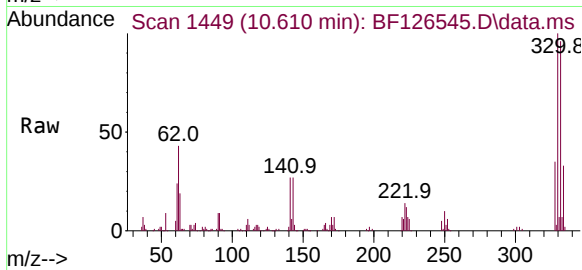
Tgt Ion:330 Resp: 182380

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 33.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 65.097 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126545.D

Acq: 7 Jan 2022 16:47

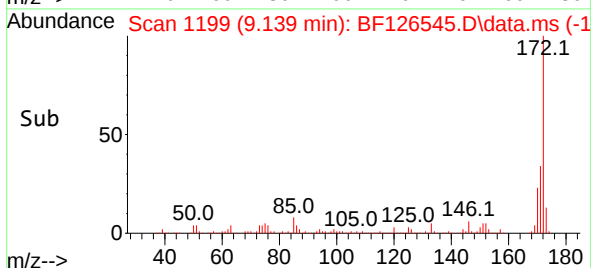
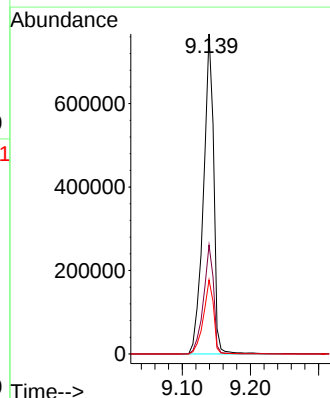
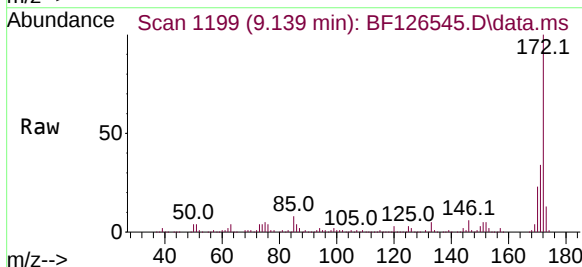
Tgt Ion:172 Resp: 805362

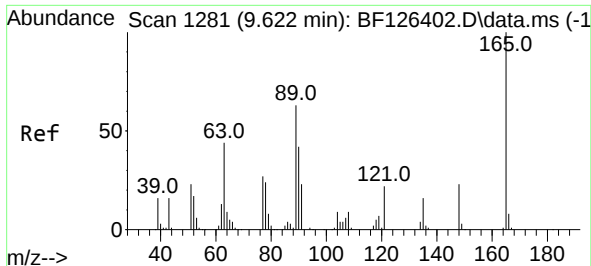
Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

170 23.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.460 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.206 min

Lab File: BF126545.D

Acq: 7 Jan 2022 16:47

Instrument :

BNA\_F

ClientSampleId :

SB-6-(4.5-5)

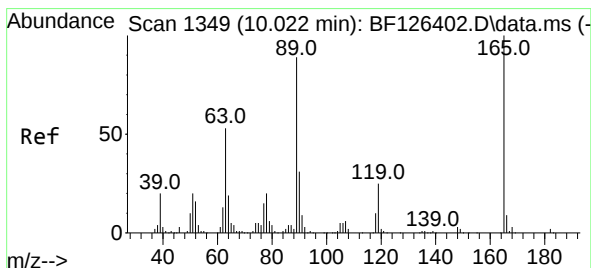
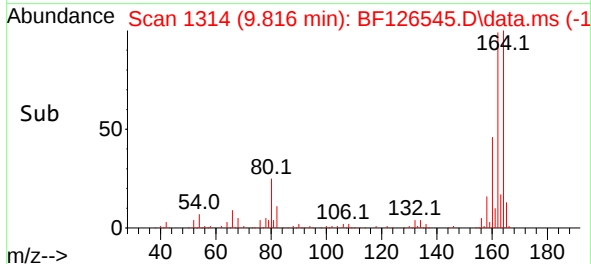
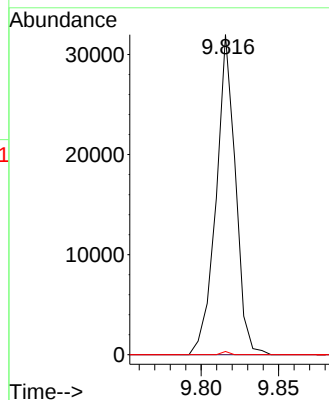
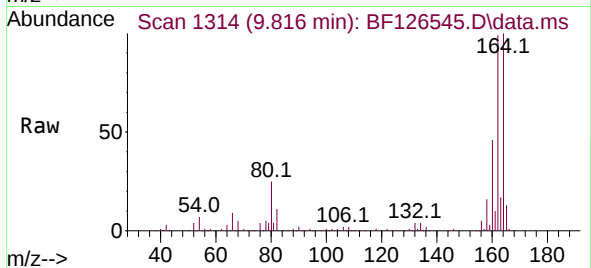
Tgt Ion:165 Resp: 27767

Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 1.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.333 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.200 min

Lab File: BF126545.D

Acq: 7 Jan 2022 16:47

Tgt Ion:165 Resp: 27767

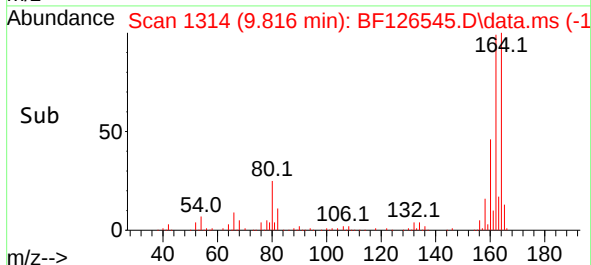
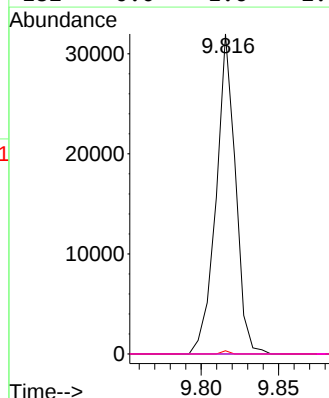
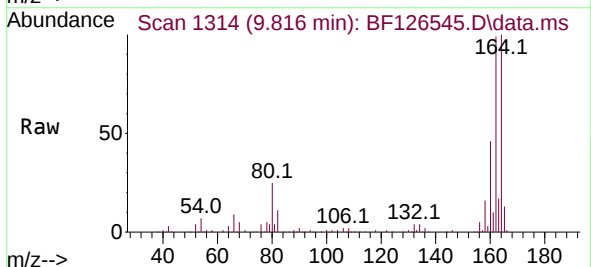
Ion Ratio Lower Upper

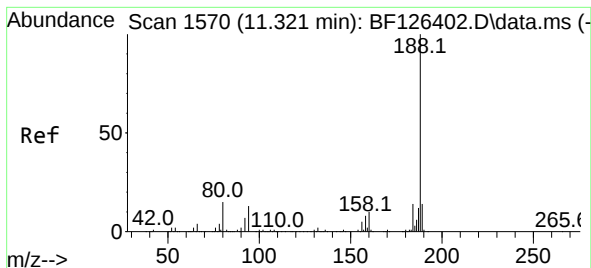
165 100

63 0.0 43.0 64.6#

89 1.0 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126545.D

Acq: 7 Jan 2022 16:47

Instrument :

BNA\_F

ClientSampleId :

SB-6-(4.5-5)

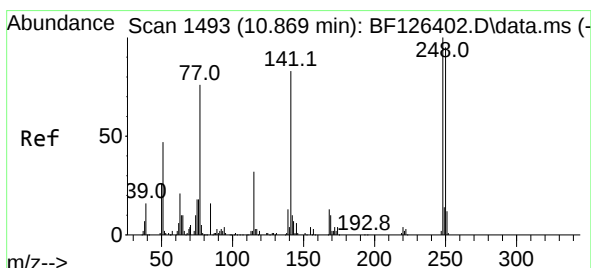
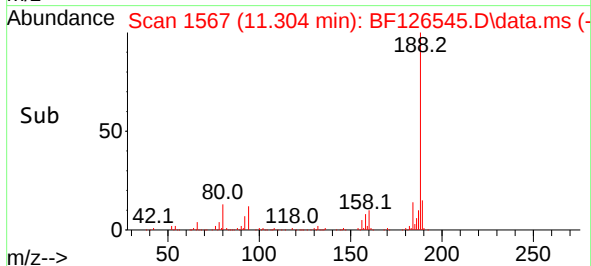
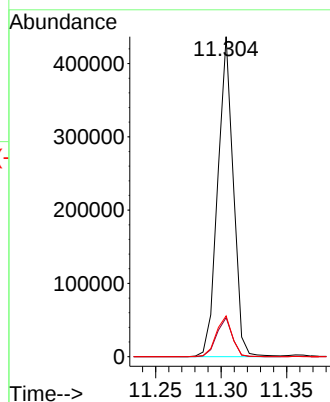
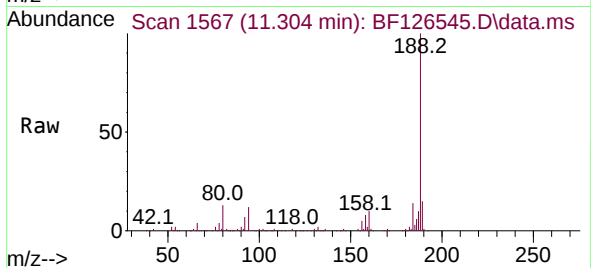
Tgt Ion:188 Resp: 359766

Ion Ratio Lower Upper

188 100

94 12.2 10.1 15.1

80 12.8 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 2.955 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126545.D

Acq: 7 Jan 2022 16:47

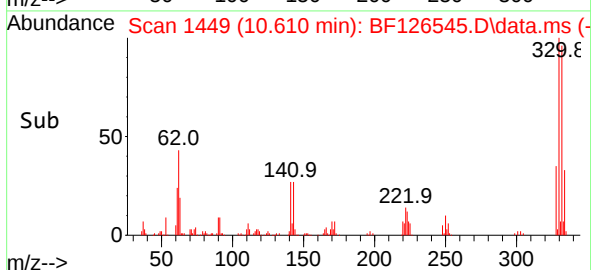
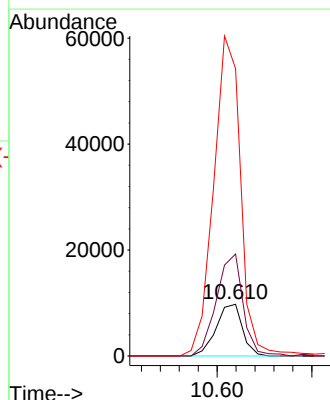
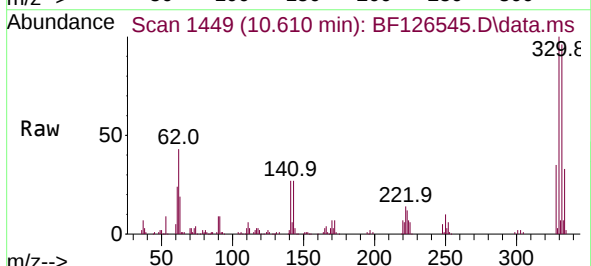
Tgt Ion:248 Resp: 9437

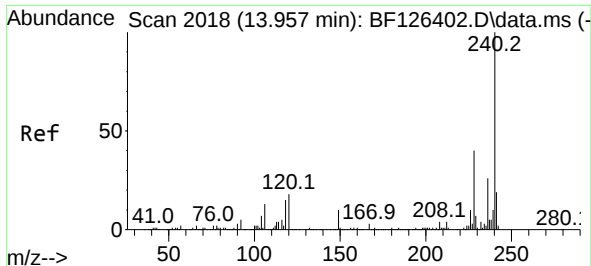
Ion Ratio Lower Upper

248 100

250 197.0 76.2 114.4#

141 555.2 66.2 99.4#

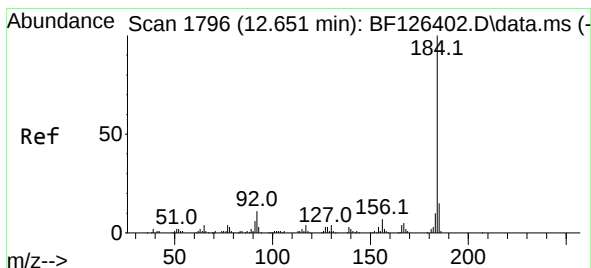
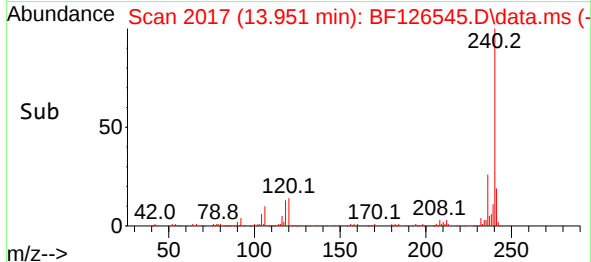
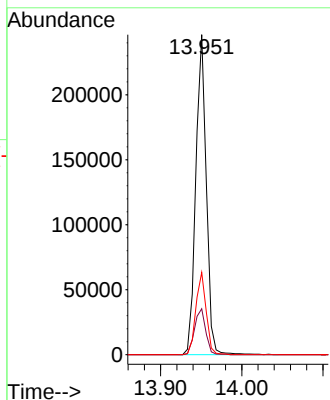
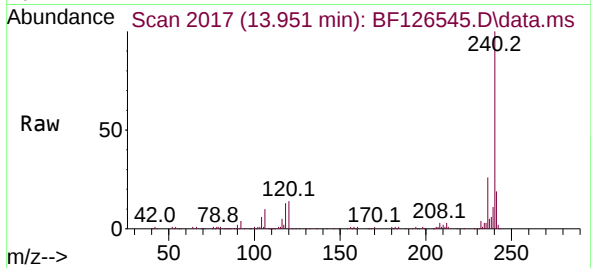




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

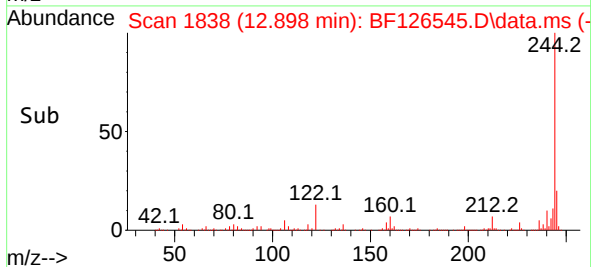
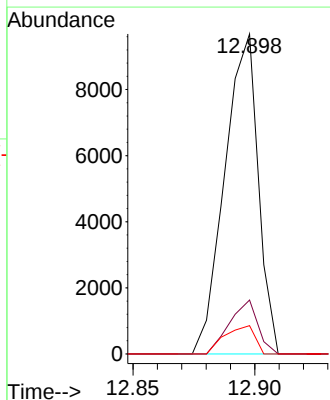
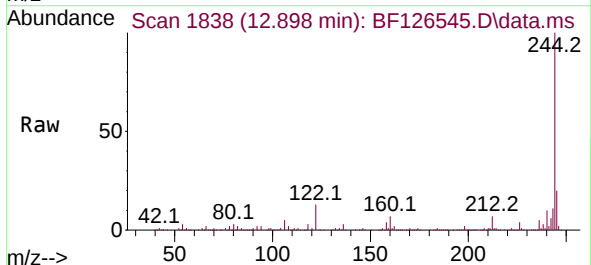
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(4.5-5)

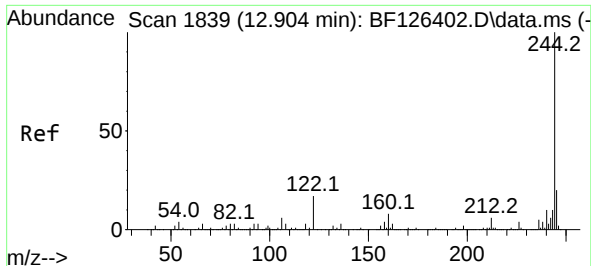
Tgt Ion:240 Resp: 222439  
Ion Ratio Lower Upper  
240 100  
120 14.3 14.4 21.6#  
236 25.7 20.5 30.7



#77  
Benzidine  
Concen: Below Cal  
RT: 12.898 min Scan# 1838  
Delta R.T. 0.259 min  
Lab File: BF126545.D  
Acq: 7 Jan 2022 16:47

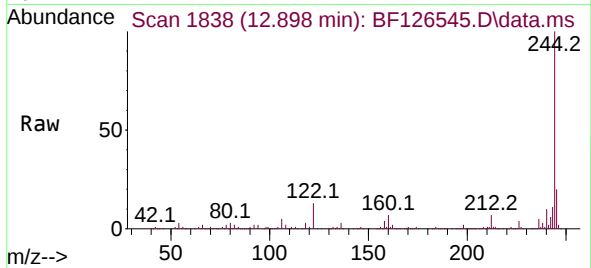
Tgt Ion:184 Resp: 9244  
Ion Ratio Lower Upper  
184 100  
185 16.9 11.8 17.8  
183 8.9 8.2 12.2



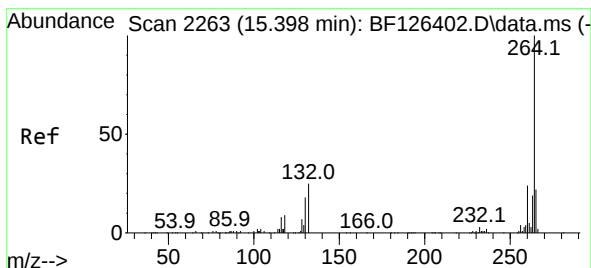
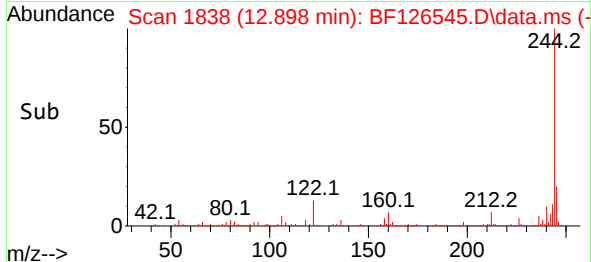
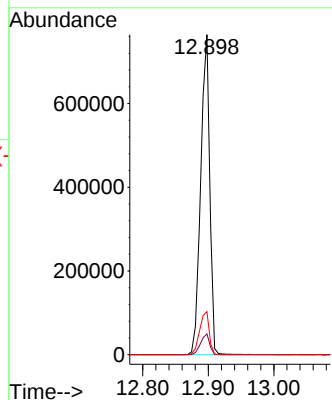


#79  
 Terphenyl-d14  
 Concen: 64.153 ng  
 RT: 12.898 min Scan# 1838  
 Delta R.T. 0.000 min  
 Lab File: BF126545.D  
 Acq: 7 Jan 2022 16:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-6-(4.5-5)



Tgt Ion:244 Resp: 734464  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.0 7.4  
 122 13.4 13.3 19.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.415 min Scan# 2266  
 Delta R.T. 0.029 min  
 Lab File: BF126545.D  
 Acq: 7 Jan 2022 16:47

Tgt Ion:264 Resp: 185462  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.2 28.8  
 265 20.6 17.4 26.2

