

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052022\  
 Data File : BF128374.D  
 Acq On : 20 May 2022 20:08  
 Operator : CG\JU  
 Sample : N2943-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-15

Quant Time: May 23 02:39:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 21 05:28:09 2022  
 Response via : Initial Calibration

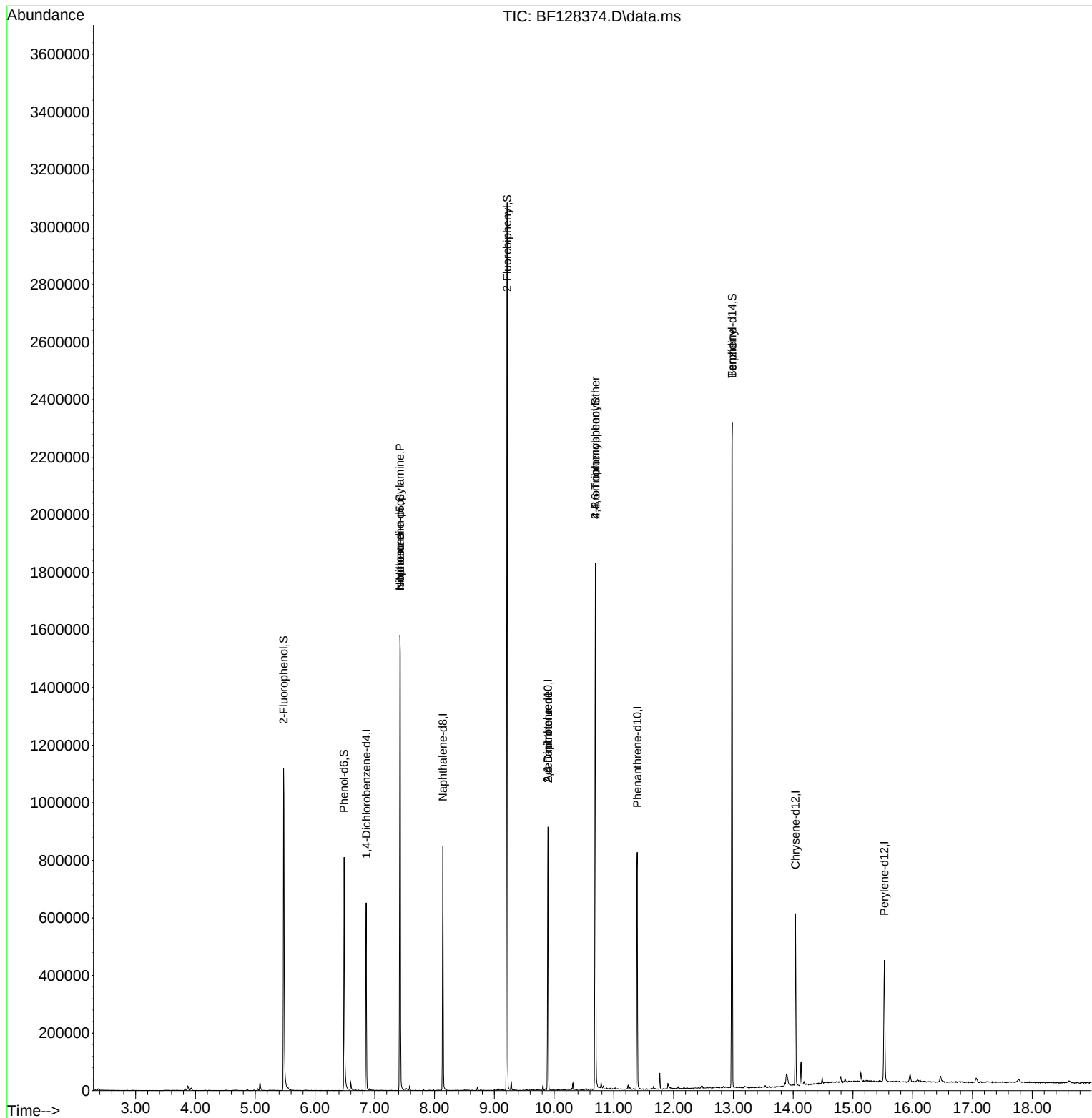
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 89314    | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 331058   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 181570   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 307992   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 192612   | 20.000    | ng     | -0.01    |
| 86) Perylene-d12              | 15.527 | 264  | 182417   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 321556   | 57.294    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 259922   | 35.171    | ng     | -0.01    |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 560246   | 75.823    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 198808   | 106.171   | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 876513   | 78.944    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 841145   | 84.302    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.487  | 77   | 461      | Below Cal | #      | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.422  | 70   | 75559    | 17.095    | ng     | # 79     |
| 25) Isophorone                | 7.422  | 82   | 560241   | 49.477    | ng     | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.898  | 165  | 23765    | 9.395     | ng     | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.898  | 165  | 23765    | 7.457     | ng     | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 11998    | 3.722     | ng     | # 1      |
| 77) Benizidine                | 12.980 | 184  | 12002    | 2.996     | ng     | # 93     |
| -----                         |        |      |          |           |        |          |

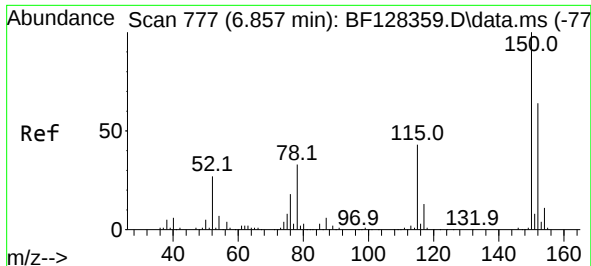
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052022\  
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QLast Update : Sat May 21 05:28:09 2022  
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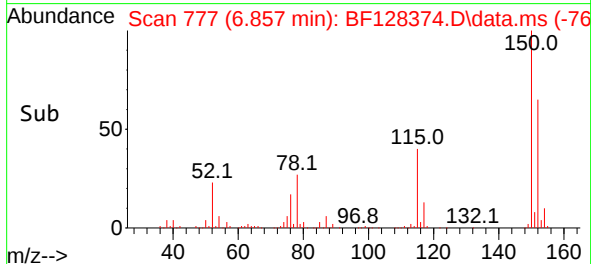
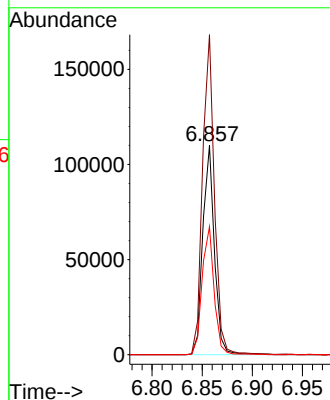
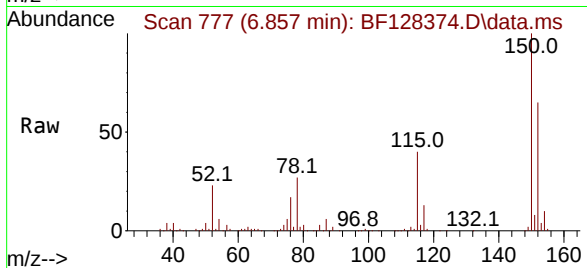




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128374.D  
Acq: 20 May 2022 20:08

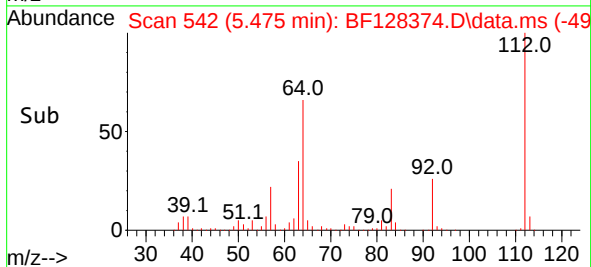
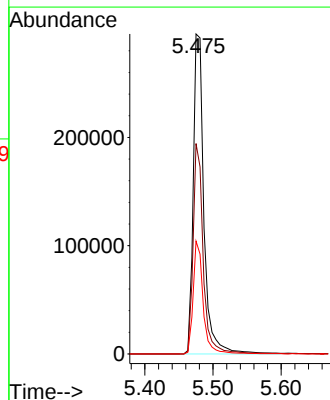
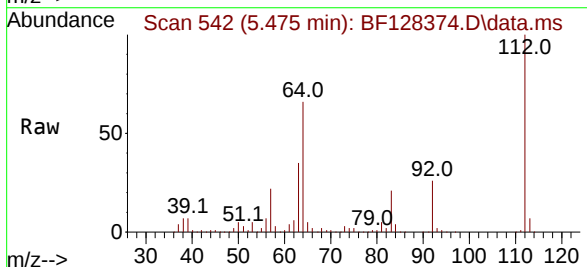
Instrument :  
BNA\_F  
ClientSampleId :  
MW-15

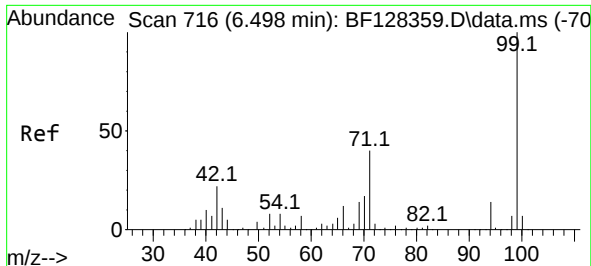
Tgt Ion:152 Resp: 89314  
Ion Ratio Lower Upper  
152 100  
150 152.9 125.3 187.9  
115 61.2 48.8 73.2



#5  
2-Fluorophenol  
Concen: 57.294 ng  
RT: 5.475 min Scan# 542  
Delta R.T. -0.006 min  
Lab File: BF128374.D  
Acq: 20 May 2022 20:08

Tgt Ion:112 Resp: 321556  
Ion Ratio Lower Upper  
112 100  
64 65.7 49.5 74.3  
63 35.3 26.3 39.5

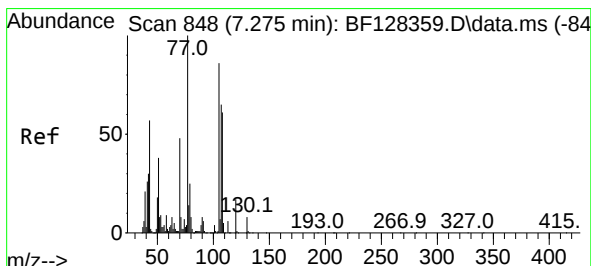
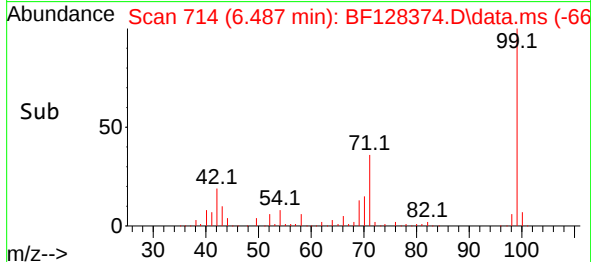
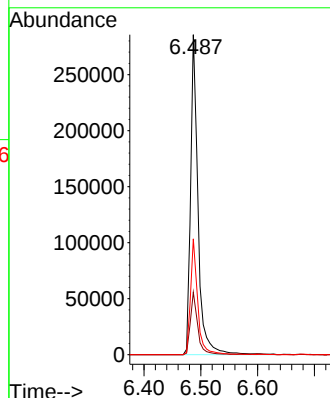
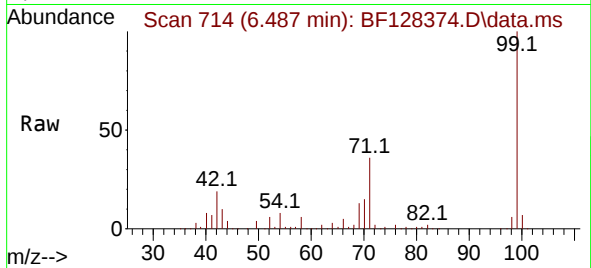




#7  
Phenol-d6  
Concen: 35.171 ng  
RT: 6.487 min Scan# 714  
Delta R.T. -0.012 min  
Lab File: BF128374.D  
Acq: 20 May 2022 20:08

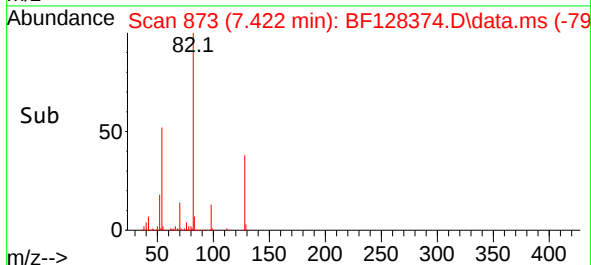
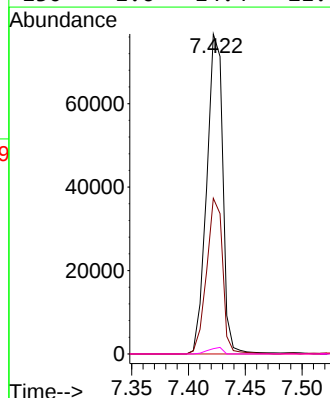
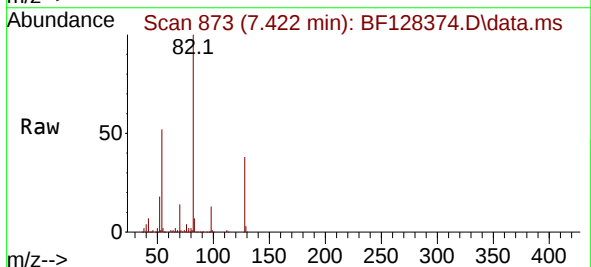
Instrument :  
BNA\_F  
ClientSampleId :  
MW-15

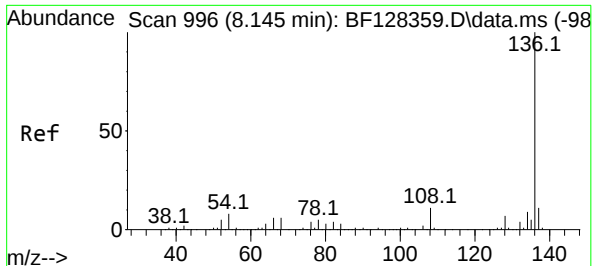
Tgt Ion: 99 Resp: 259922  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.6 24.8  
71 36.2 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.095 ng  
RT: 7.422 min Scan# 873  
Delta R.T. 0.147 min  
Lab File: BF128374.D  
Acq: 20 May 2022 20:08

Tgt Ion: 70 Resp: 75559  
Ion Ratio Lower Upper  
70 100  
42 48.6 48.7 73.1#  
101 0.0 7.2 10.8#  
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

MW-15

Tgt Ion:136 Resp: 331058

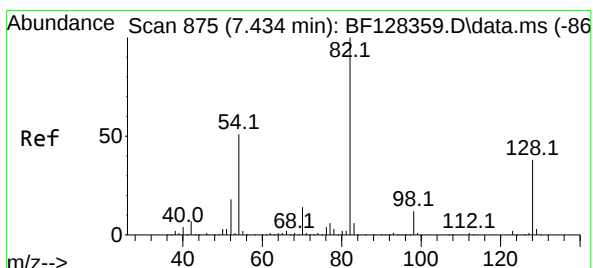
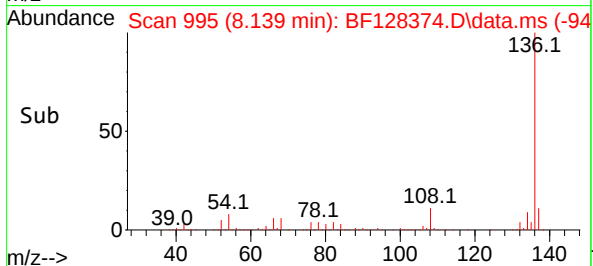
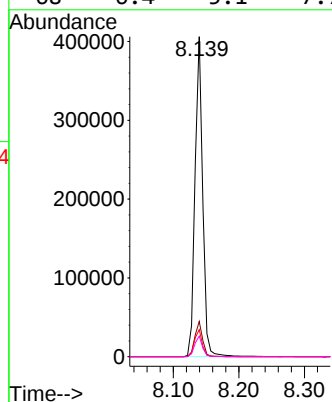
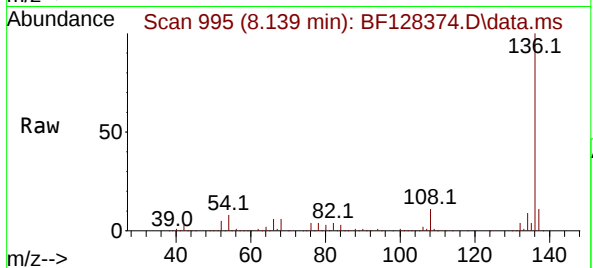
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.4 6.8 10.2

68 6.4 5.1 7.7



#23

Nitrobenzene-d5

Concen: 75.823 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

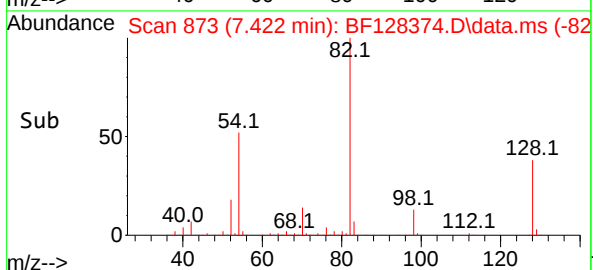
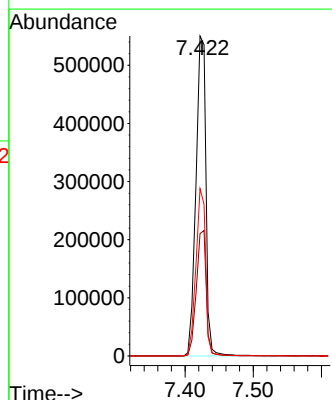
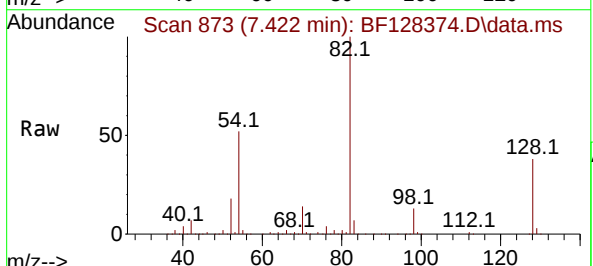
Tgt Ion: 82 Resp: 560246

Ion Ratio Lower Upper

82 100

128 38.3 30.0 45.0

54 52.3 41.3 61.9

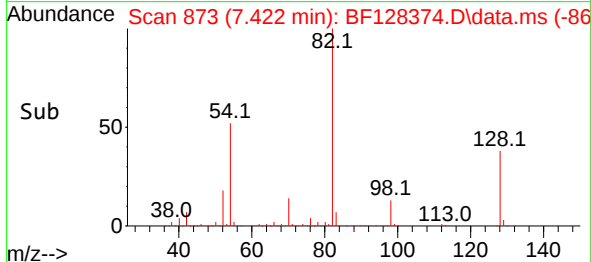
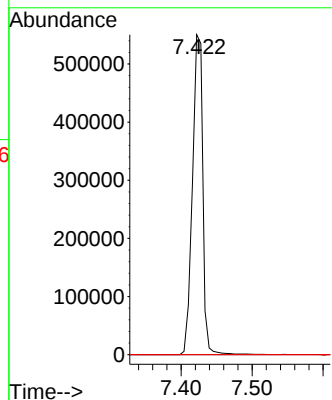
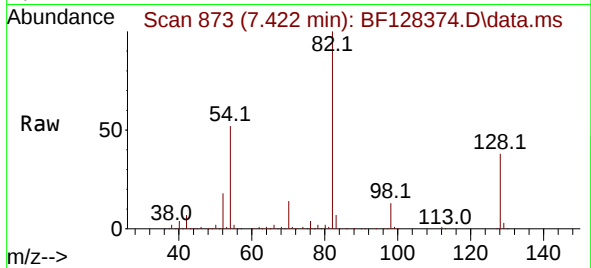




#25  
Isophorone  
Concen: 49.477 ng  
RT: 7.422 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF128374.D  
Acq: 20 May 2022 20:08

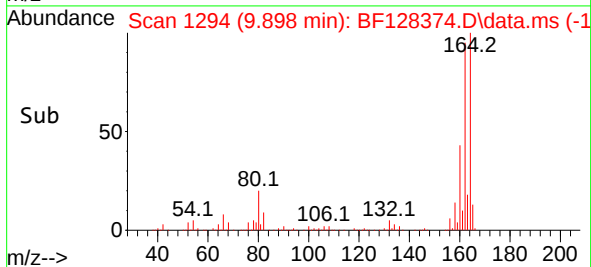
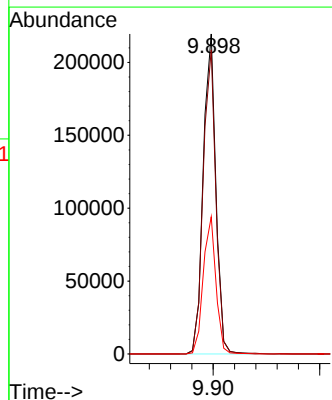
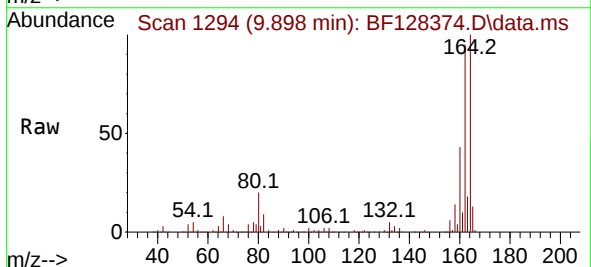
Instrument :  
BNA\_F  
ClientSampleId :  
MW-15

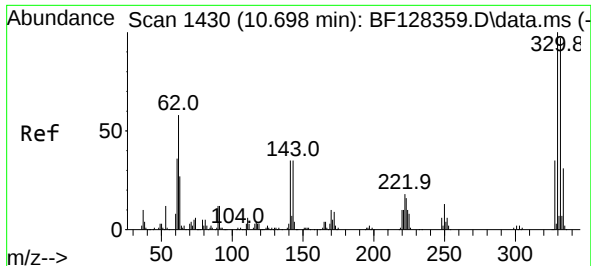
Tgt Ion: 82 Resp: 560241  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BF128374.D  
Acq: 20 May 2022 20:08

Tgt Ion: 164 Resp: 181570  
Ion Ratio Lower Upper  
164 100  
162 95.0 76.0 114.0  
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 106.171 ng

RT: 10.692 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

MW-15

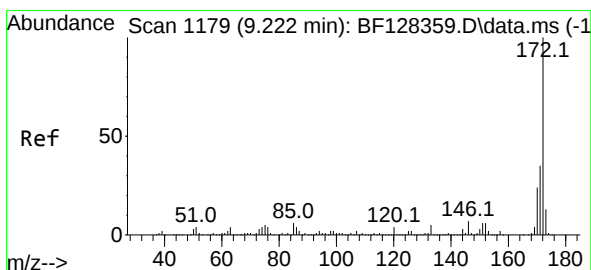
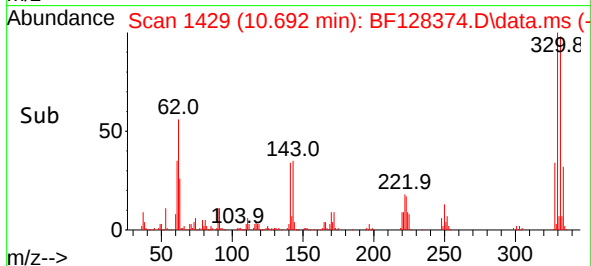
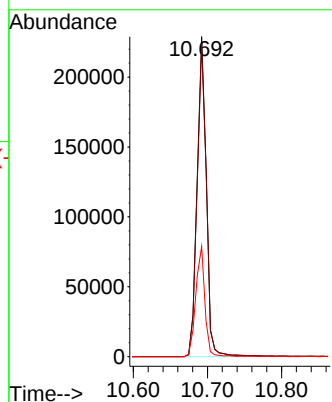
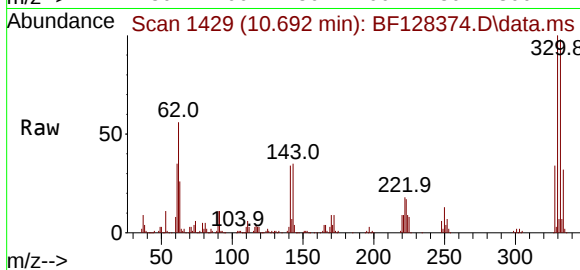
Tgt Ion:330 Resp: 198808

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 78.944 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

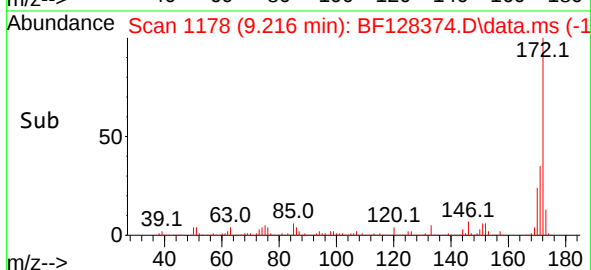
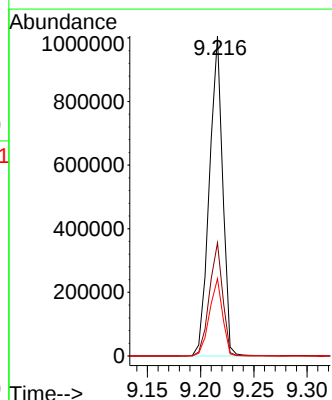
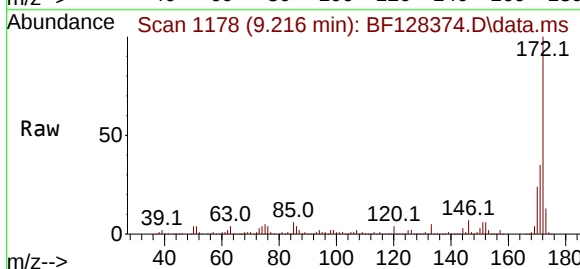
Tgt Ion:172 Resp: 876513

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.1 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.395 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

MW-15

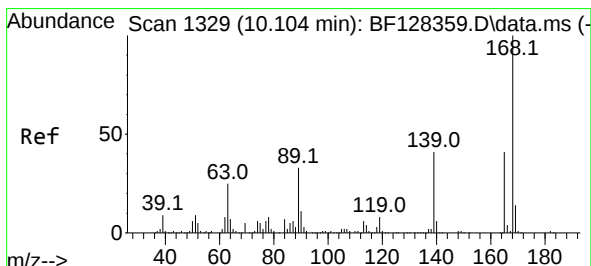
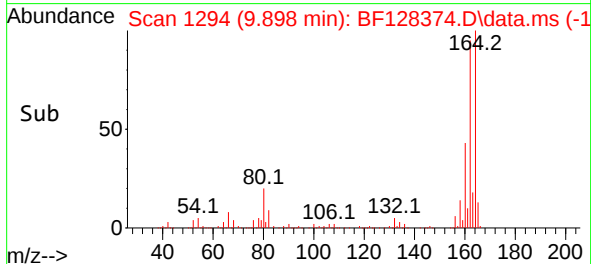
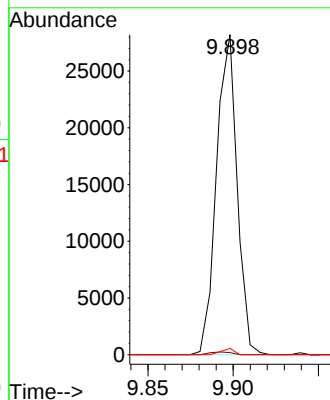
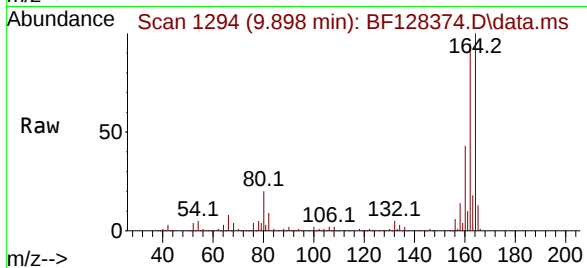
Tgt Ion:165 Resp: 23765

Ion Ratio Lower Upper

165 100

63 0.6 49.5 74.3#

89 1.9 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.457 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

Tgt Ion:165 Resp: 23765

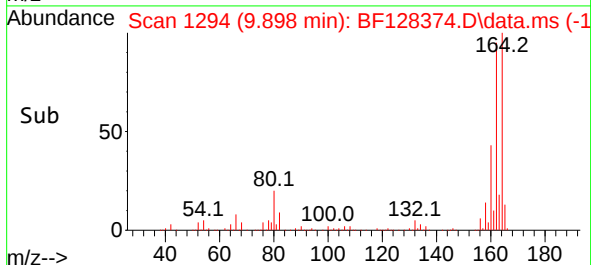
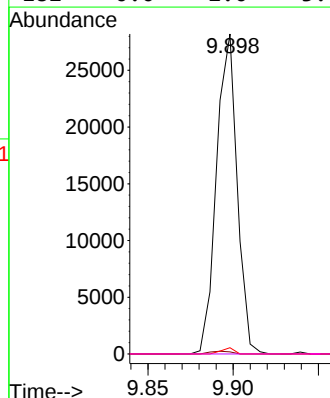
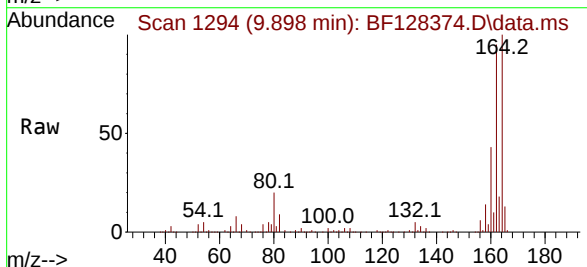
Ion Ratio Lower Upper

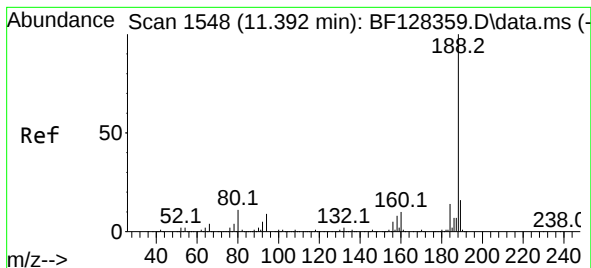
165 100

63 0.6 32.6 49.0#

89 1.9 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

MW-15

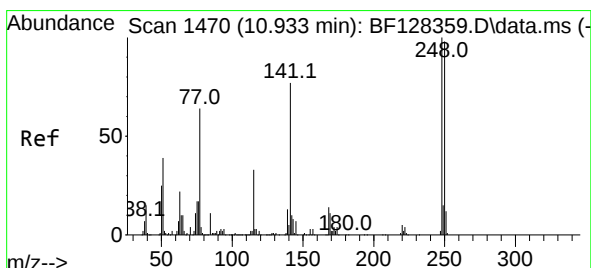
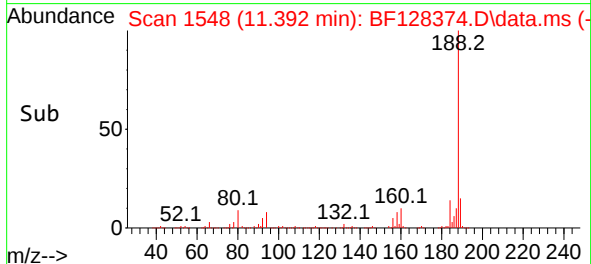
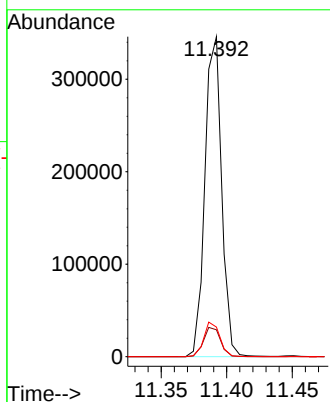
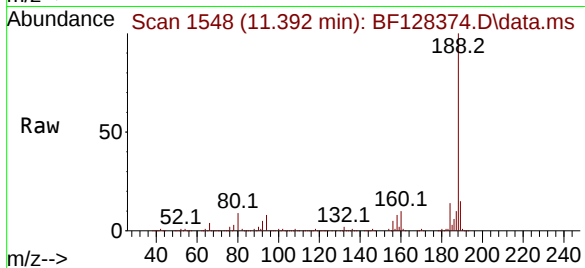
Tgt Ion:188 Resp: 307992

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 9.3 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.722 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

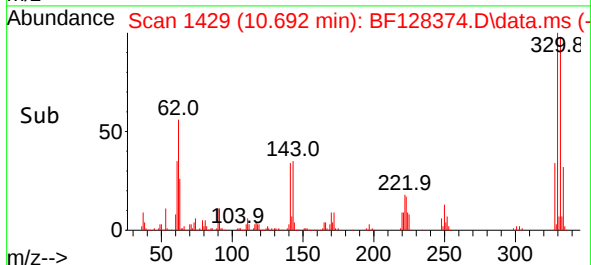
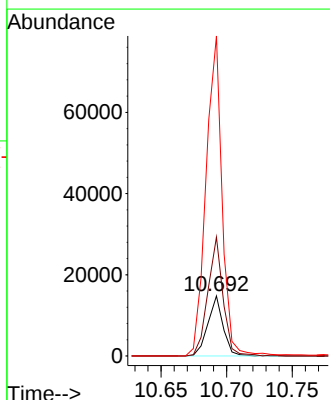
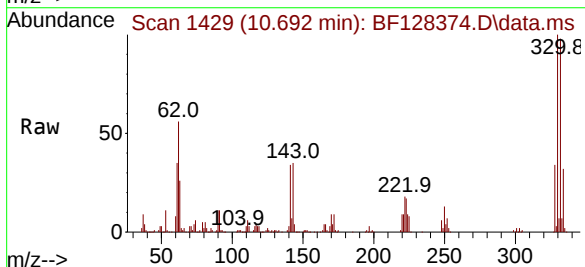
Tgt Ion:248 Resp: 11998

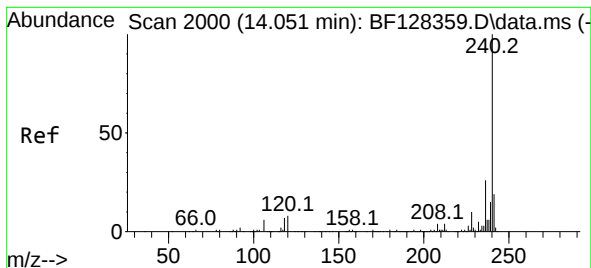
Ion Ratio Lower Upper

248 100

250 198.3 77.7 116.5#

141 533.6 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.012 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

MW-15

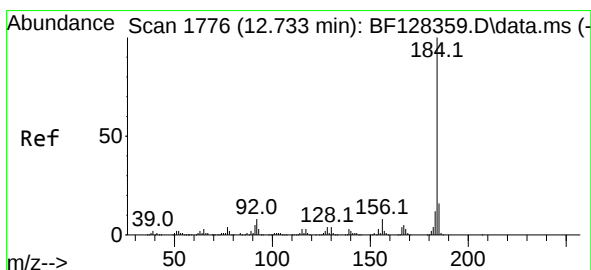
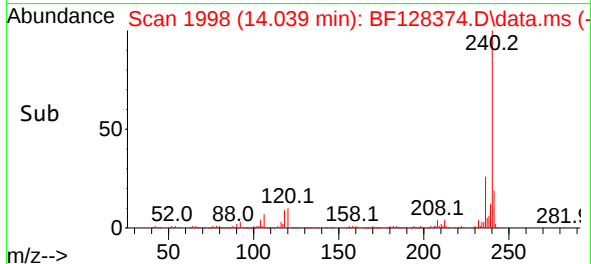
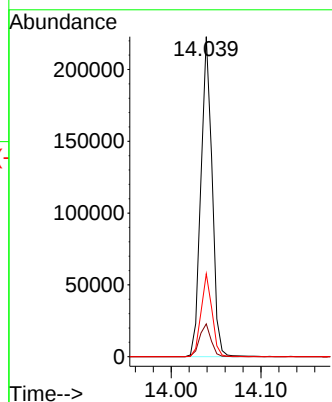
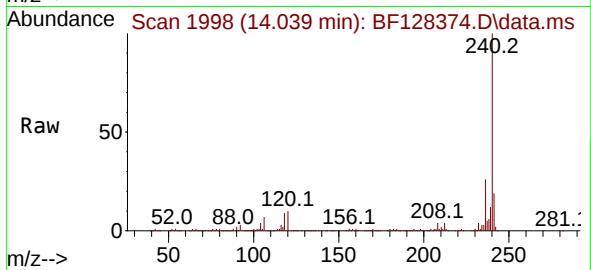
Tgt Ion:240 Resp: 192612

Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.6

236 25.9 20.3 30.5



#77

Benzidine

Concen: 2.996 ng

RT: 12.980 min Scan# 1818

Delta R.T. 0.247 min

Lab File: BF128374.D

Acq: 20 May 2022 20:08

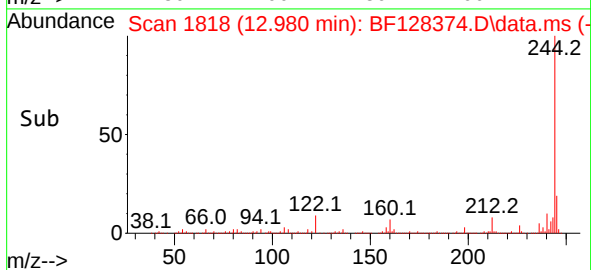
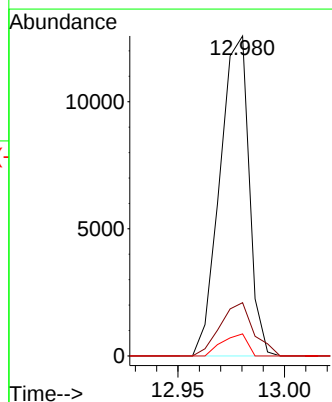
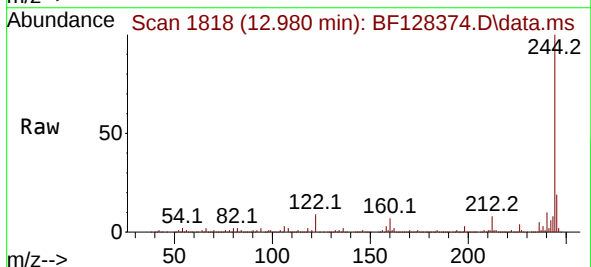
Tgt Ion:184 Resp: 12002

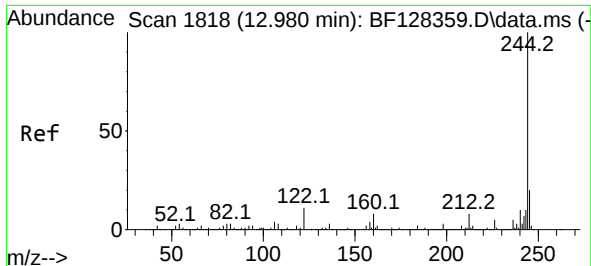
Ion Ratio Lower Upper

184 100

185 16.7 12.1 18.1

183 6.9 9.0 13.4#

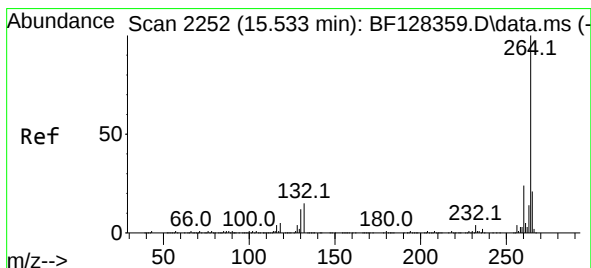
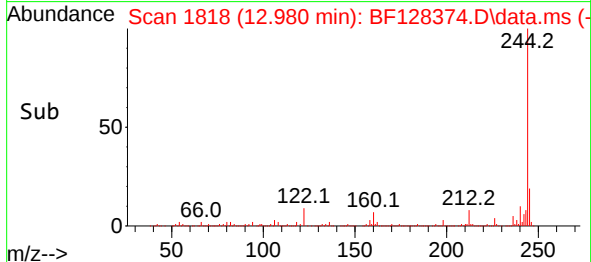
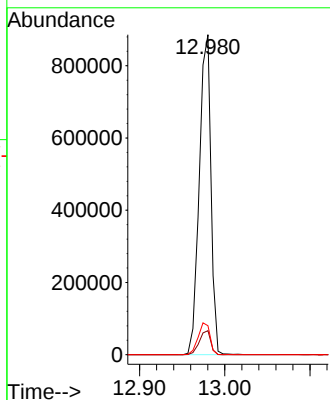
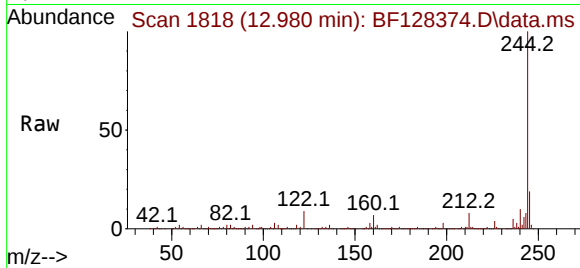




#79  
 Terphenyl-d14  
 Concen: 84.302 ng  
 RT: 12.980 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF128374.D  
 Acq: 20 May 2022 20:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-15

Tgt Ion:244 Resp: 841145  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 9.1 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2251  
 Delta R.T. -0.006 min  
 Lab File: BF128374.D  
 Acq: 20 May 2022 20:08

Tgt Ion:264 Resp: 182417  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 20.1 30.1  
 265 21.7 17.5 26.3

