

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100322\  
 Data File : BF130501.D  
 Acq On : 03 Oct 2022 16:28  
 Operator : CG\JU  
 Sample : N4888-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 REGULATORY-FOUNDATION-1

Quant Time: Oct 04 03:16:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

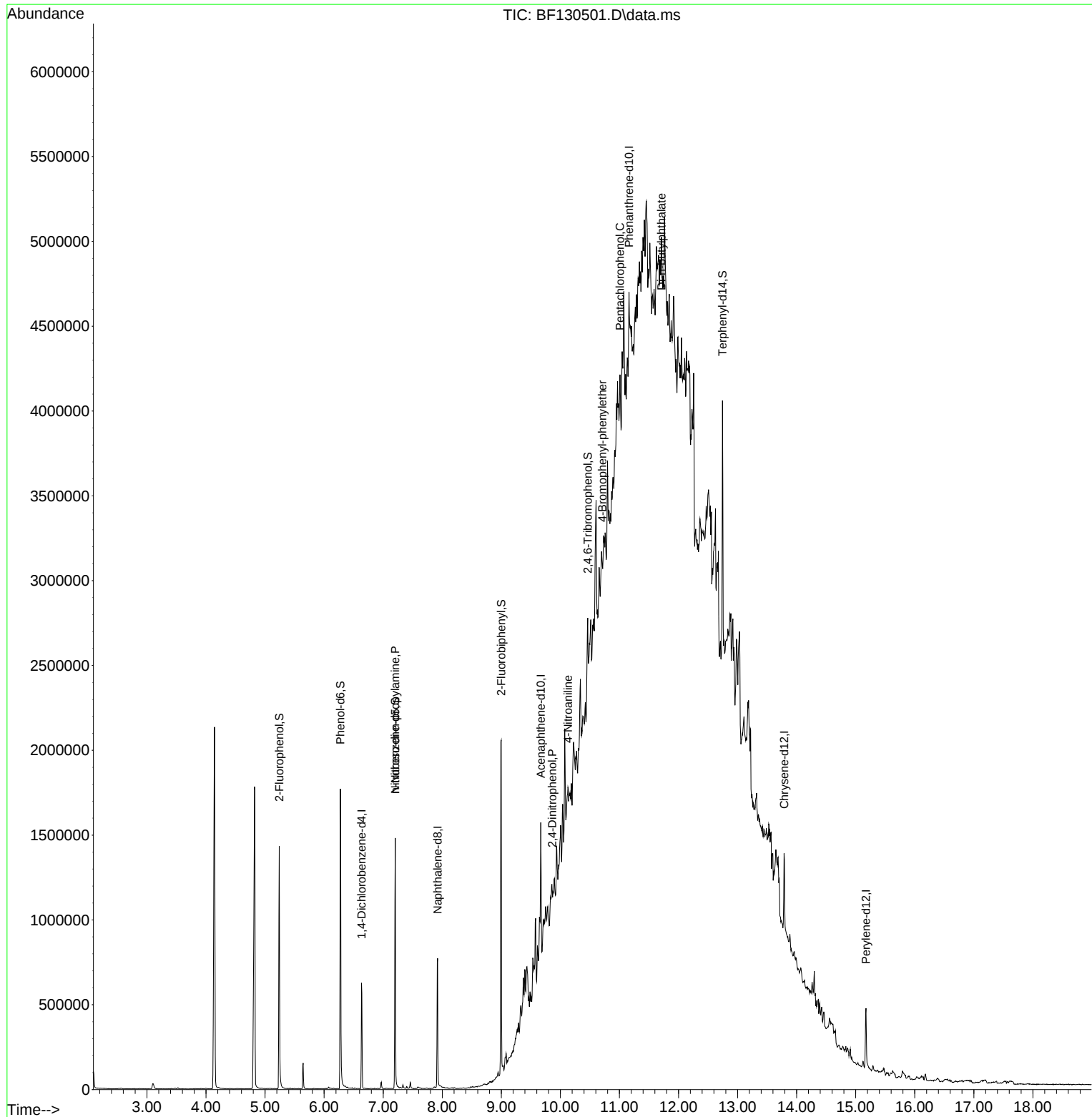
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.633  | 152  | 84115    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 7.922  | 136  | 355975   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.669  | 164  | 118739   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.163 | 188  | 163891   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.786 | 240  | 147501   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.174 | 264  | 155827   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.239  | 112  | 368963   | 76.081 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.275  | 99   | 600450   | 98.954 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.204  | 82   | 440402   | 63.205 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.463 | 330  | 56619    | 49.764 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.998  | 172  | 600120   | 73.597 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.745 | 244  | 448437   | 50.361 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 60138    | 14.687 | ng    | # 77     |
| 54) 2,4-Dinitrophenol         | 9.863  | 184  | 188      | 6.440  | ng    | # 1      |
| 62) 4-Nitroaniline            | 10.127 | 138  | 9446     | 4.919  | ng    | 86       |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 4356     | 2.409  | ng    | # 1      |
| 70) Pentachlorophenol         | 11.010 | 266  | 3253     | 2.957  | ng    | # 1      |
| 74) Di-n-butylphthalate       | 11.710 | 149  | 41131    | 4.256  | ng    | # 48     |
| -----                         |        |      |          |        |       |          |

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

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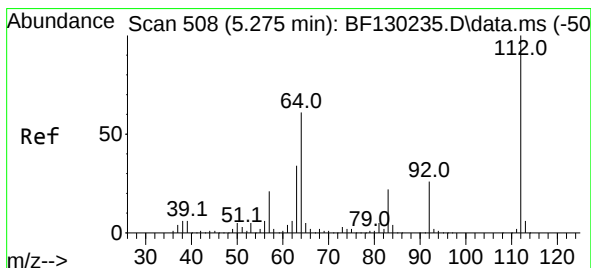
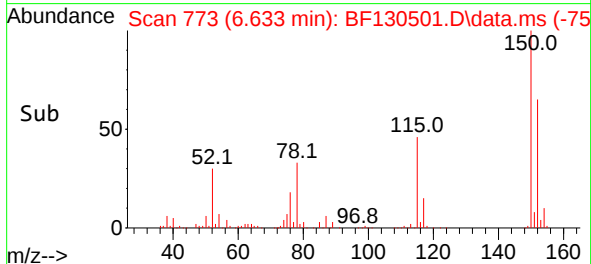
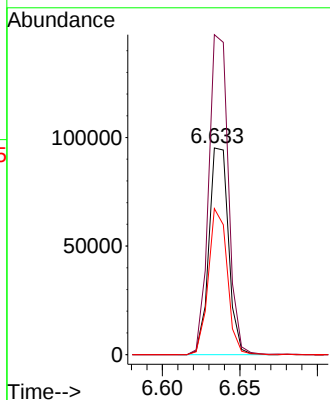
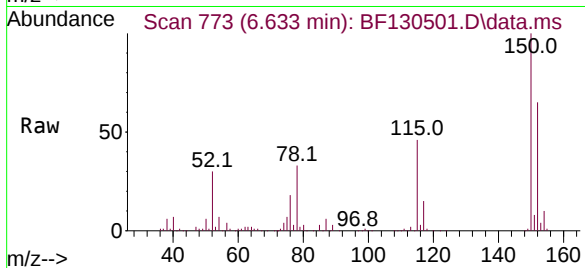




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.633 min Scan# 71  
 Delta R.T. -0.012 min  
 Lab File: BF130501.D  
 Acq: 03 Oct 2022 16:28

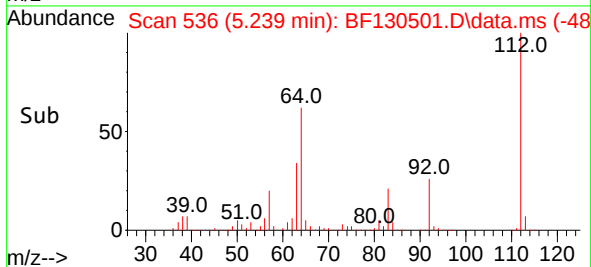
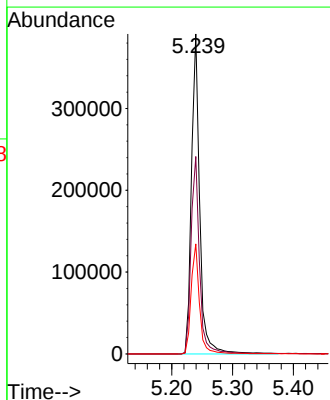
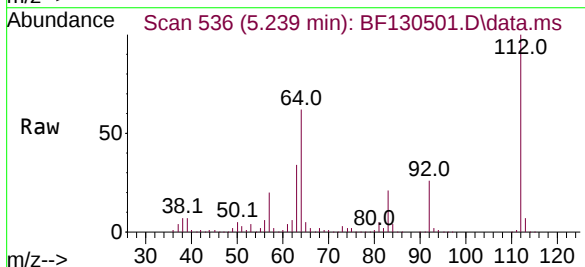
Instrument :  
 BNA\_F  
 ClientSampleId :  
 REGULATORY-FOUNDATION-1

Tgt Ion:152 Resp: 84115  
 Ion Ratio Lower Upper  
 152 100  
 150 154.8 122.8 184.2  
 115 70.7 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 76.081 ng  
 RT: 5.239 min Scan# 536  
 Delta R.T. -0.006 min  
 Lab File: BF130501.D  
 Acq: 03 Oct 2022 16:28

Tgt Ion:112 Resp: 368963  
 Ion Ratio Lower Upper  
 112 100  
 64 61.7 51.4 77.0  
 63 34.4 28.8 43.2

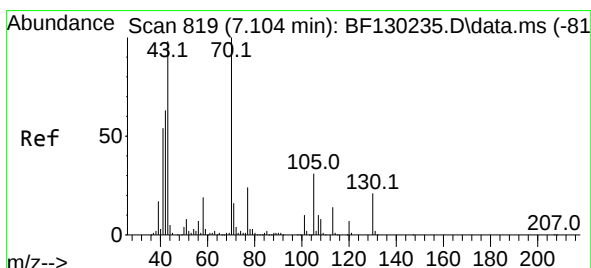
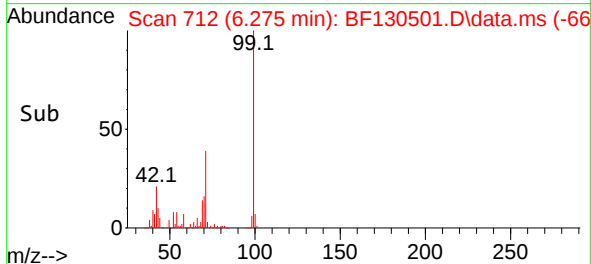
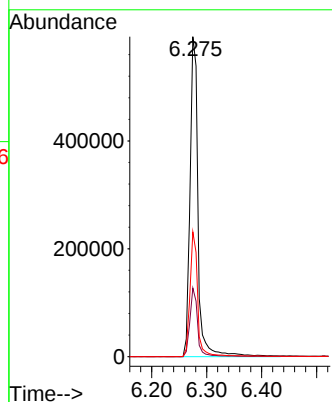
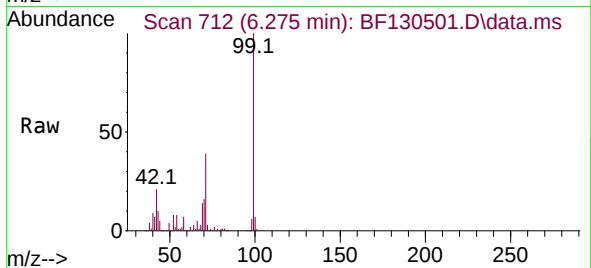




#7  
Phenol-d6  
Concen: 98.954 ng  
RT: 6.275 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

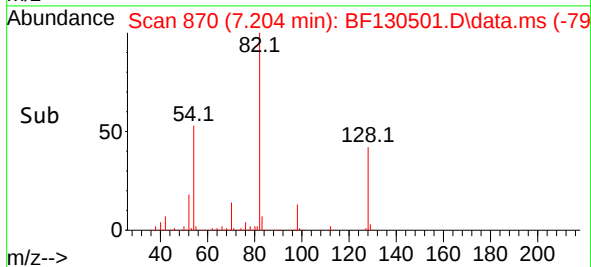
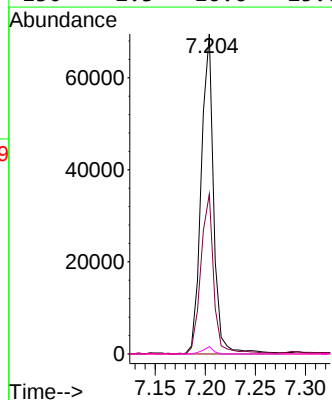
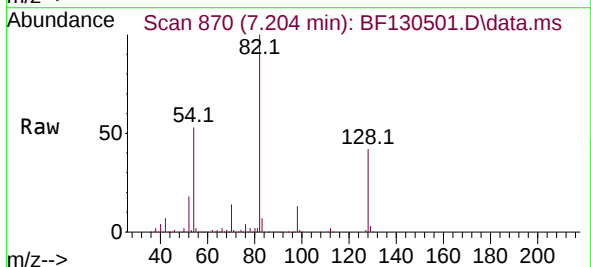
Instrument :  
BNA\_F  
ClientSampleId :  
REGULATORY-FOUNDATION-1

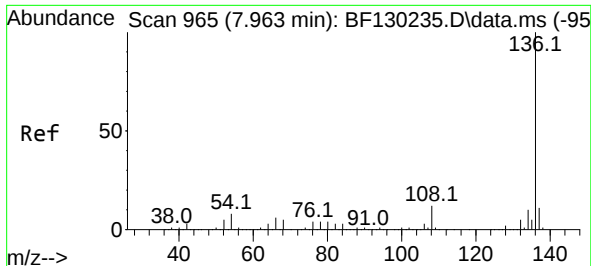
Tgt Ion: 99 Resp: 600450  
Ion Ratio Lower Upper  
99 100  
42 21.4 17.0 25.6  
71 39.0 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.687 ng  
RT: 7.204 min Scan# 870  
Delta R.T. 0.135 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

Tgt Ion: 70 Resp: 60138  
Ion Ratio Lower Upper  
70 100  
42 49.9 50.8 76.2#  
101 0.0 8.2 12.4#  
130 2.3 16.6 25.0#

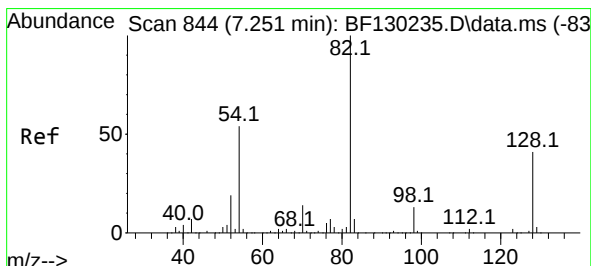
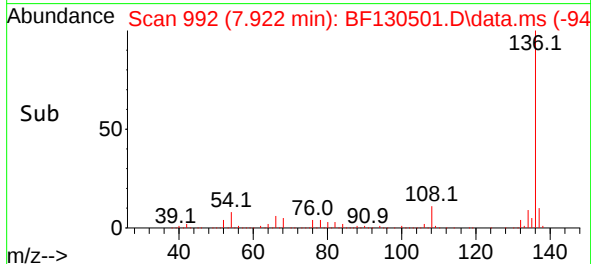
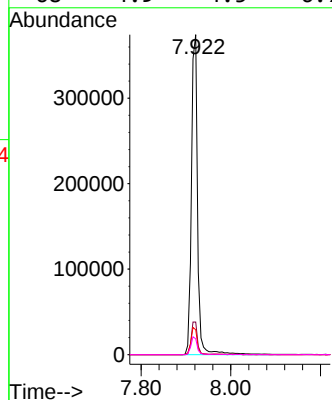
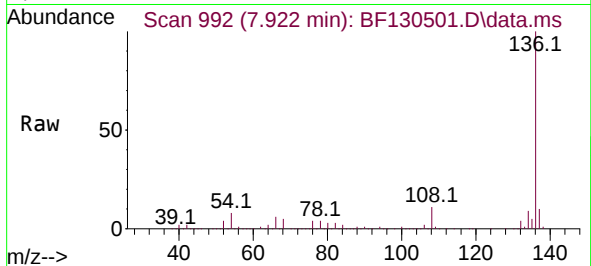




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.922 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

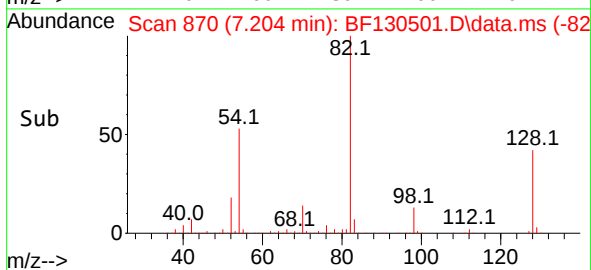
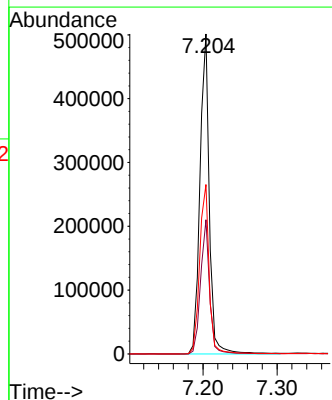
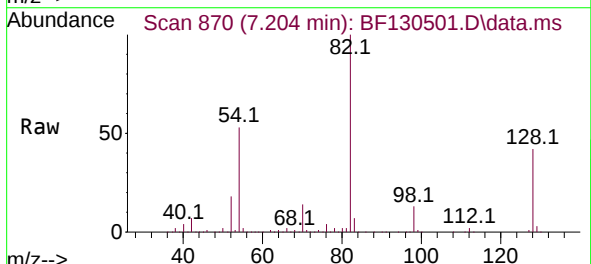
Instrument :  
BNA\_F  
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REGULATORY-FOUNDATION-1

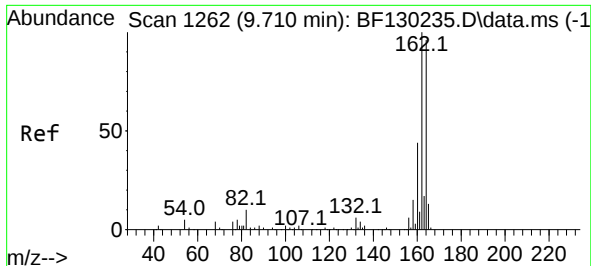
Tgt Ion:136 Resp: 355975  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.1 13.7  
54 7.8 7.1 10.7  
68 4.9 4.5 6.7



#23  
Nitrobenzene-d5  
Concen: 63.205 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.012 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

Tgt Ion: 82 Resp: 440402  
Ion Ratio Lower Upper  
82 100  
128 41.9 32.6 49.0  
54 52.9 43.8 65.6

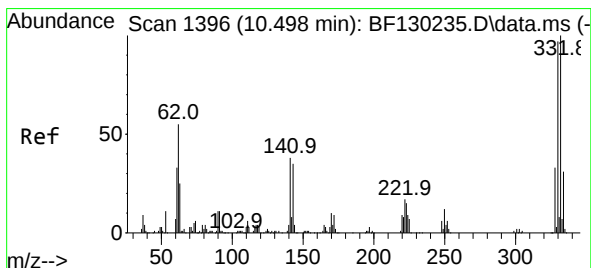
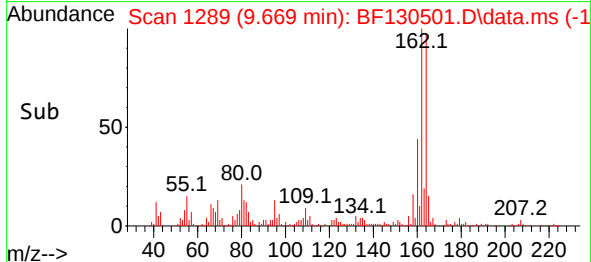
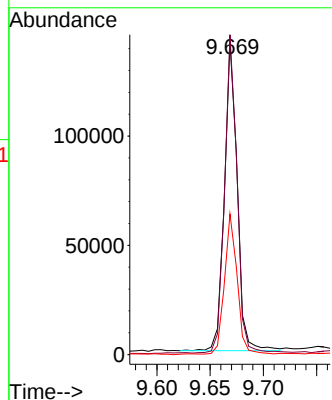
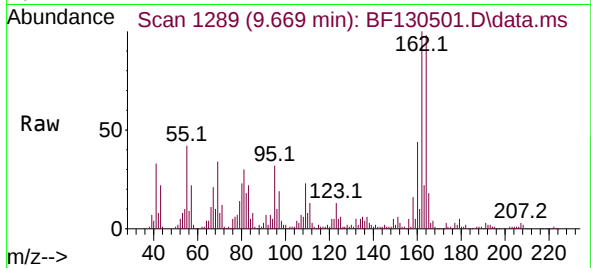




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.669 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

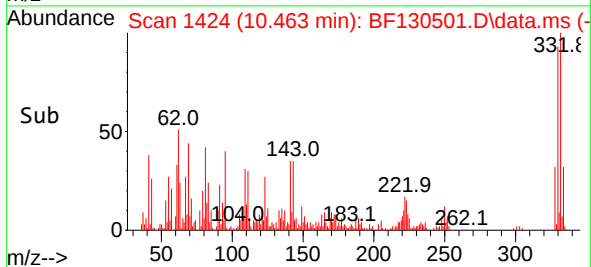
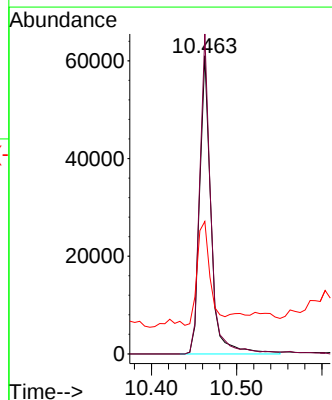
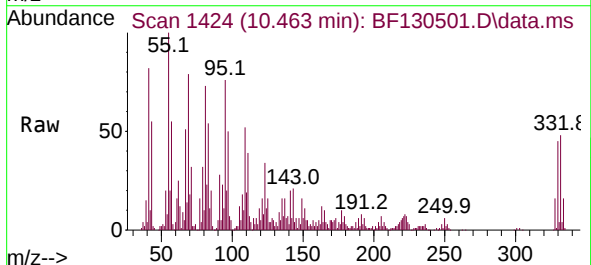
Instrument :  
BNA\_F  
ClientSampleId :  
REGULATORY-FOUNDATION-1

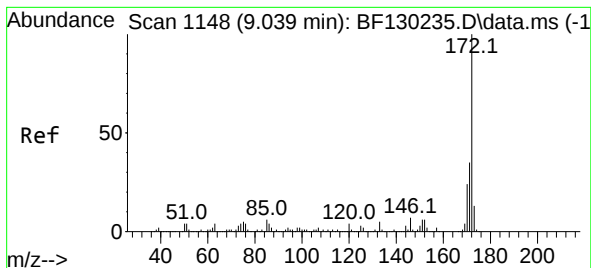
Tgt Ion:164 Resp: 118739  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.4 122.0  
160 45.0 36.2 54.4



#42  
2,4,6-Tribromophenol  
Concen: 49.764 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

Tgt Ion:330 Resp: 56619  
Ion Ratio Lower Upper  
330 100  
332 104.9 83.4 125.2  
141 40.0 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 73.597 ng

RT: 8.998 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

Instrument :

BNA\_F

ClientSampleId :

REGULATORY-FOUNDATION-1

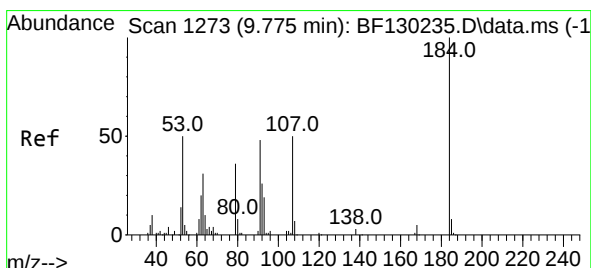
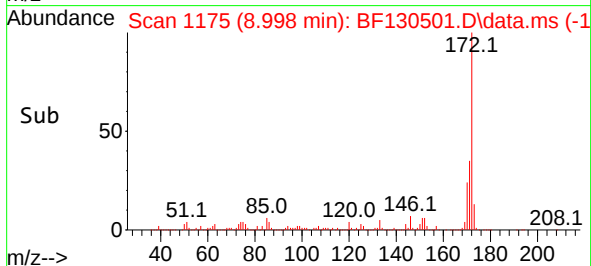
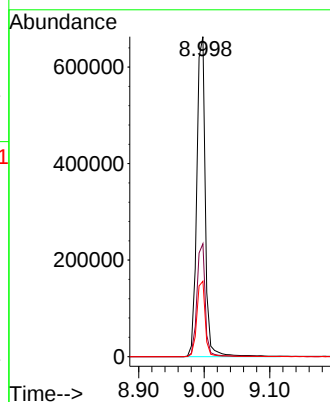
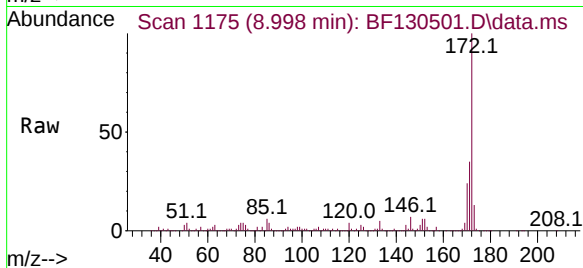
Tgt Ion:172 Resp: 600120

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 18.7 28.1



#54

2,4-Dinitrophenol

Concen: 6.440 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.112 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

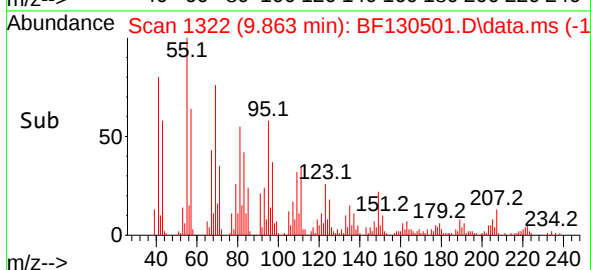
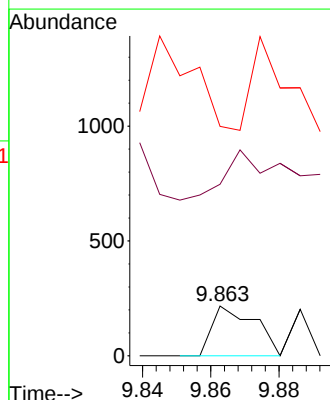
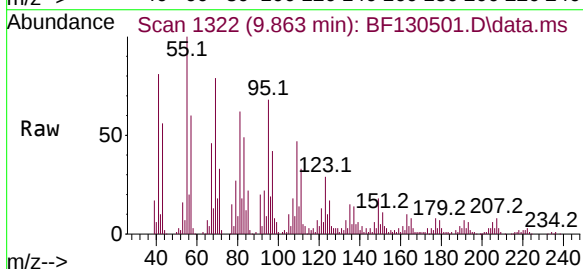
Tgt Ion:184 Resp: 188

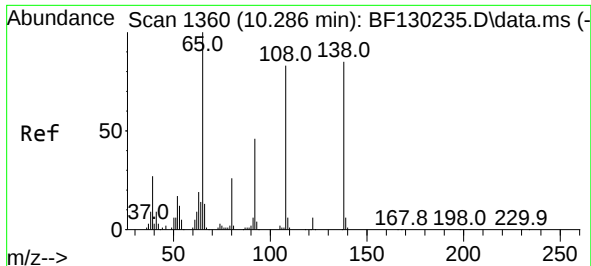
Ion Ratio Lower Upper

184 100

63 344.2 70.0 105.0#

154 460.4 63.0 94.6#

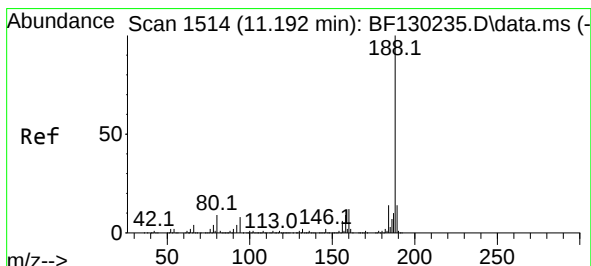
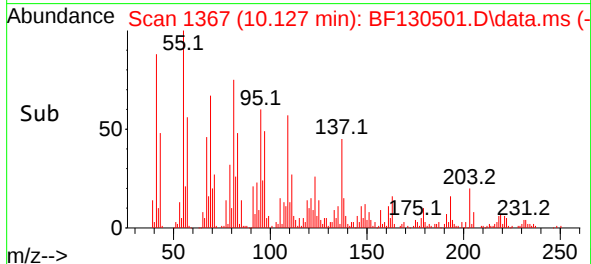
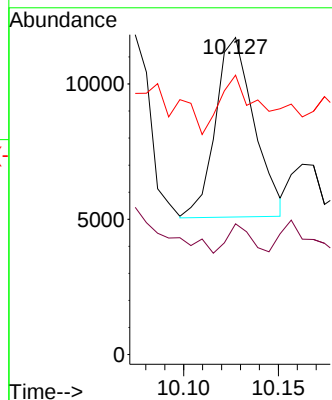
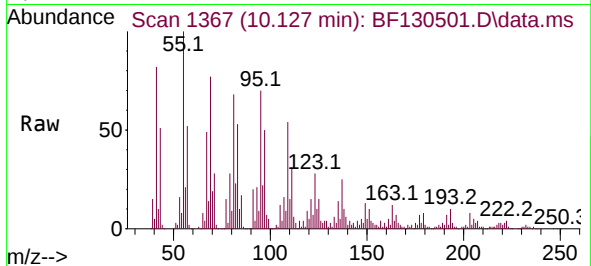




#62  
4-Nitroaniline  
Concen: 4.919 ng  
RT: 10.127 min Scan# 1360  
Delta R.T. -0.124 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

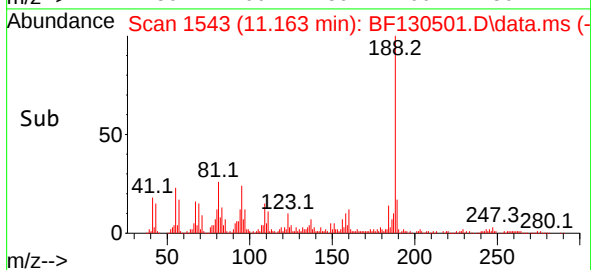
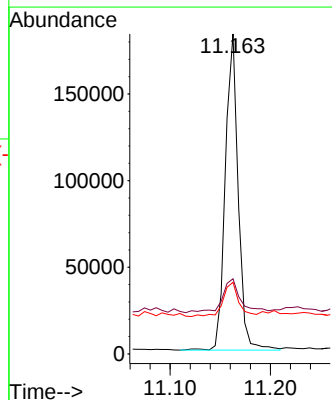
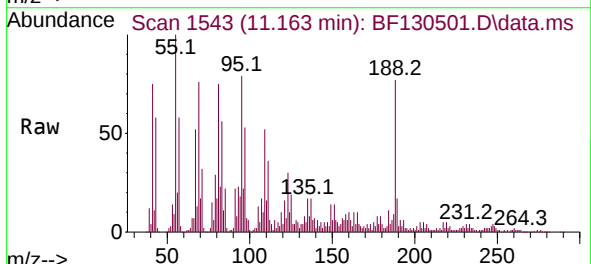
Instrument :  
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REGULATORY-FOUNDATION-1

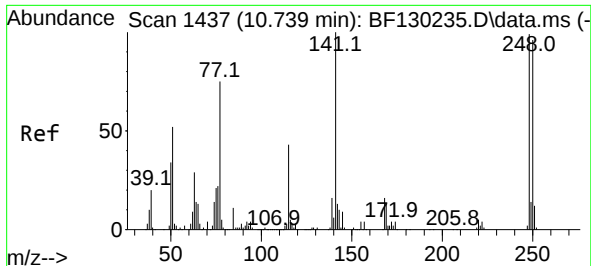
Tgt Ion:138 Resp: 9446  
Ion Ratio Lower Upper  
138 100  
92 41.3 36.7 76.7  
108 88.1 78.2 118.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.163 min Scan# 1543  
Delta R.T. 0.006 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

Tgt Ion:188 Resp: 163891  
Ion Ratio Lower Upper  
188 100  
94 23.5 7.4 11.2#  
80 22.4 7.9 11.9#

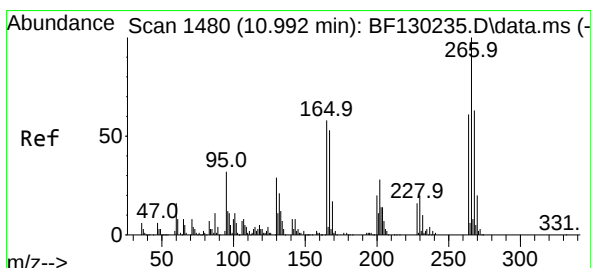
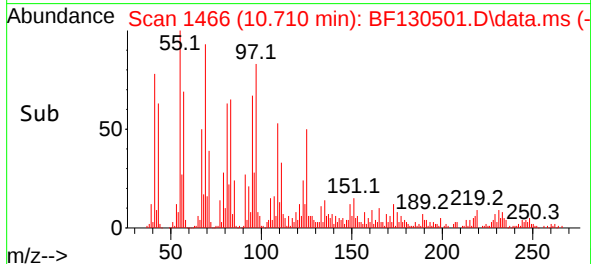
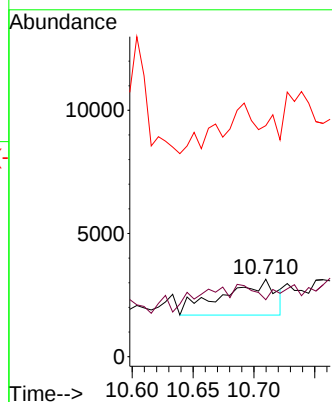
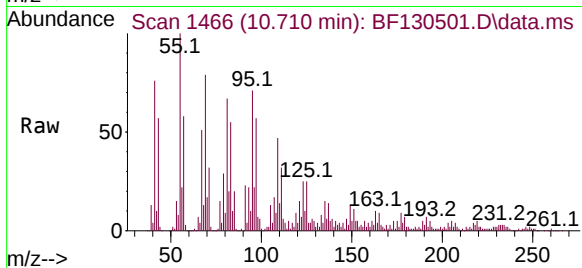




#67  
4-Bromophenyl-phenylether  
Concen: 2.409 ng  
RT: 10.710 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

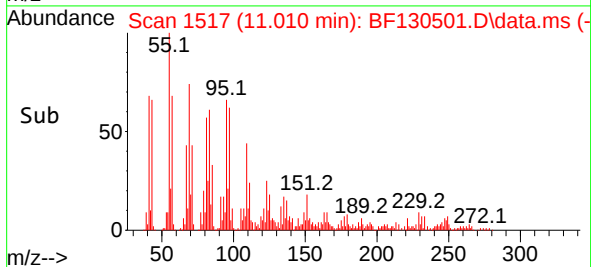
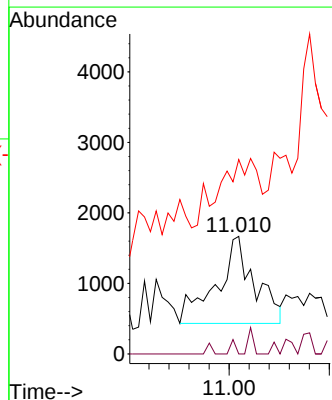
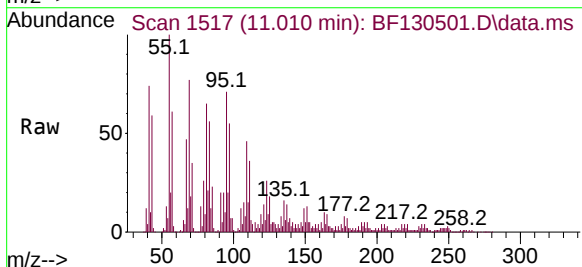
Instrument :  
BNA\_F  
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REGULATORY-FOUNDATION-1

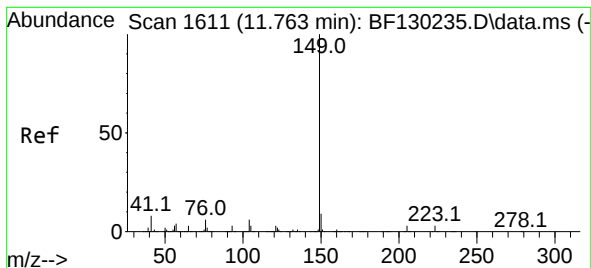
Tgt Ion:248 Resp: 4356  
Ion Ratio Lower Upper  
248 100  
250 73.4 80.0 120.0#  
141 298.3 68.5 102.7#



#70  
Pentachlorophenol  
Concen: 2.957 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. 0.041 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

Tgt Ion:266 Resp: 3253  
Ion Ratio Lower Upper  
266 100  
268 0.0 50.5 75.7#  
264 165.4 50.5 75.7#





#74

Di-n-butylphthalate

Concen: 4.256 ng

RT: 11.710 min Scan# 1636

Delta R.T. -0.018 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

Instrument :

BNA\_F

ClientSampleId :

REGULATORY-FOUNDATION-1

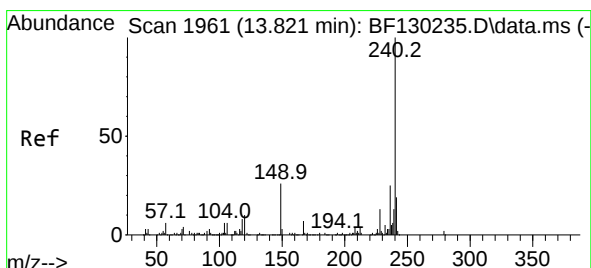
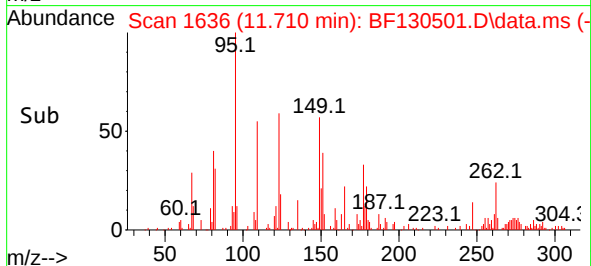
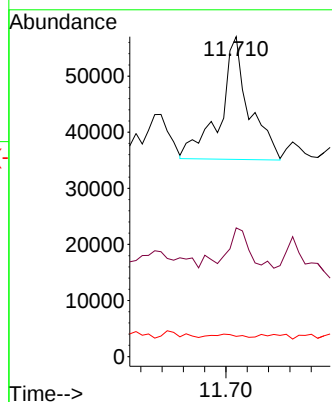
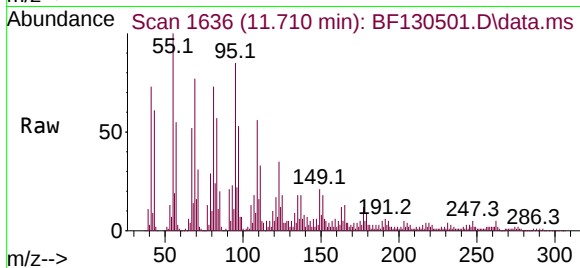
Tgt Ion:149 Resp: 41131

Ion Ratio Lower Upper

149 100

150 40.2 7.4 11.2#

104 6.3 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

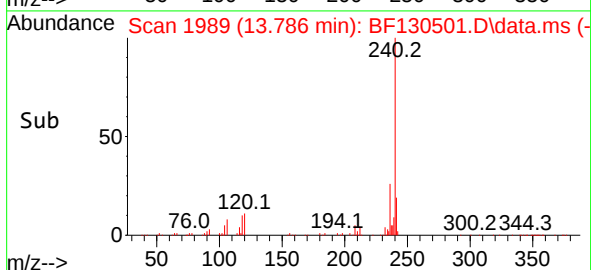
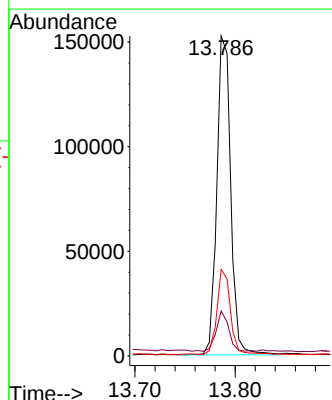
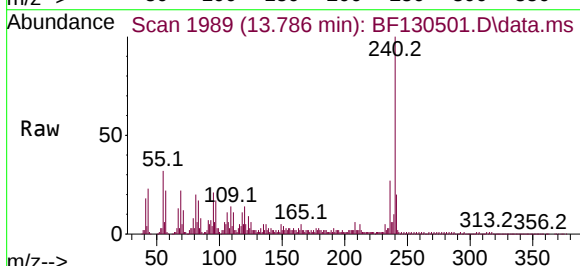
Tgt Ion:240 Resp: 147501

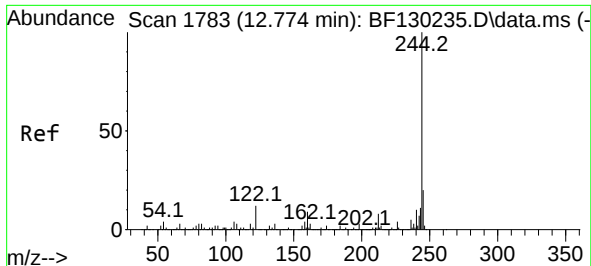
Ion Ratio Lower Upper

240 100

120 14.0 8.7 13.1#

236 27.0 20.9 31.3

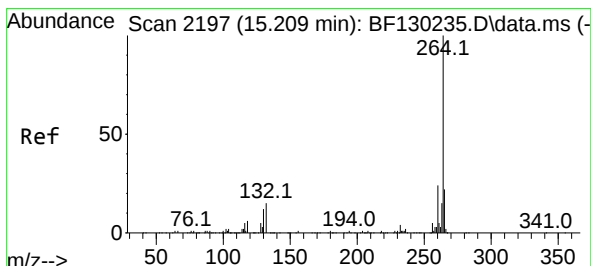
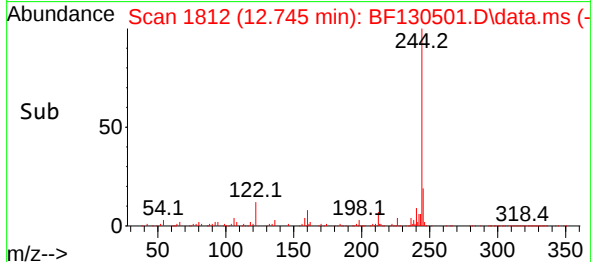
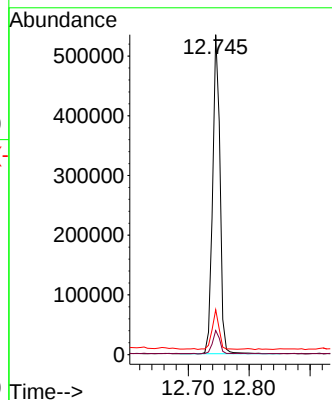
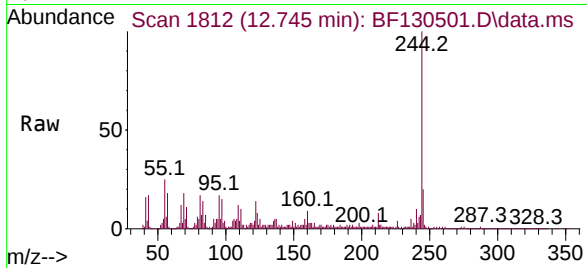




#79  
 Terphenyl-d14  
 Concen: 50.361 ng  
 RT: 12.745 min Scan# 1812  
 Delta R.T. -0.000 min  
 Lab File: BF130501.D  
 Acq: 03 Oct 2022 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 REGULATORY-FOUNDATION-1

Tgt Ion:244 Resp: 448437  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.9 8.9  
 122 14.0 8.5 12.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.174 min Scan# 2225  
 Delta R.T. -0.000 min  
 Lab File: BF130501.D  
 Acq: 03 Oct 2022 16:28

Tgt Ion:264 Resp: 155827  
 Ion Ratio Lower Upper  
 264 100  
 260 22.4 19.3 28.9  
 265 21.0 17.0 25.4

