

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021023\  
 Data File : BF132389.D  
 Acq On : 10 Feb 2023 15:44  
 Operator : CG\JU  
 Sample : PB150766TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150766TB

Quant Time: Feb 11 00:33:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 11 00:16:13 2023  
 Response via : Initial Calibration

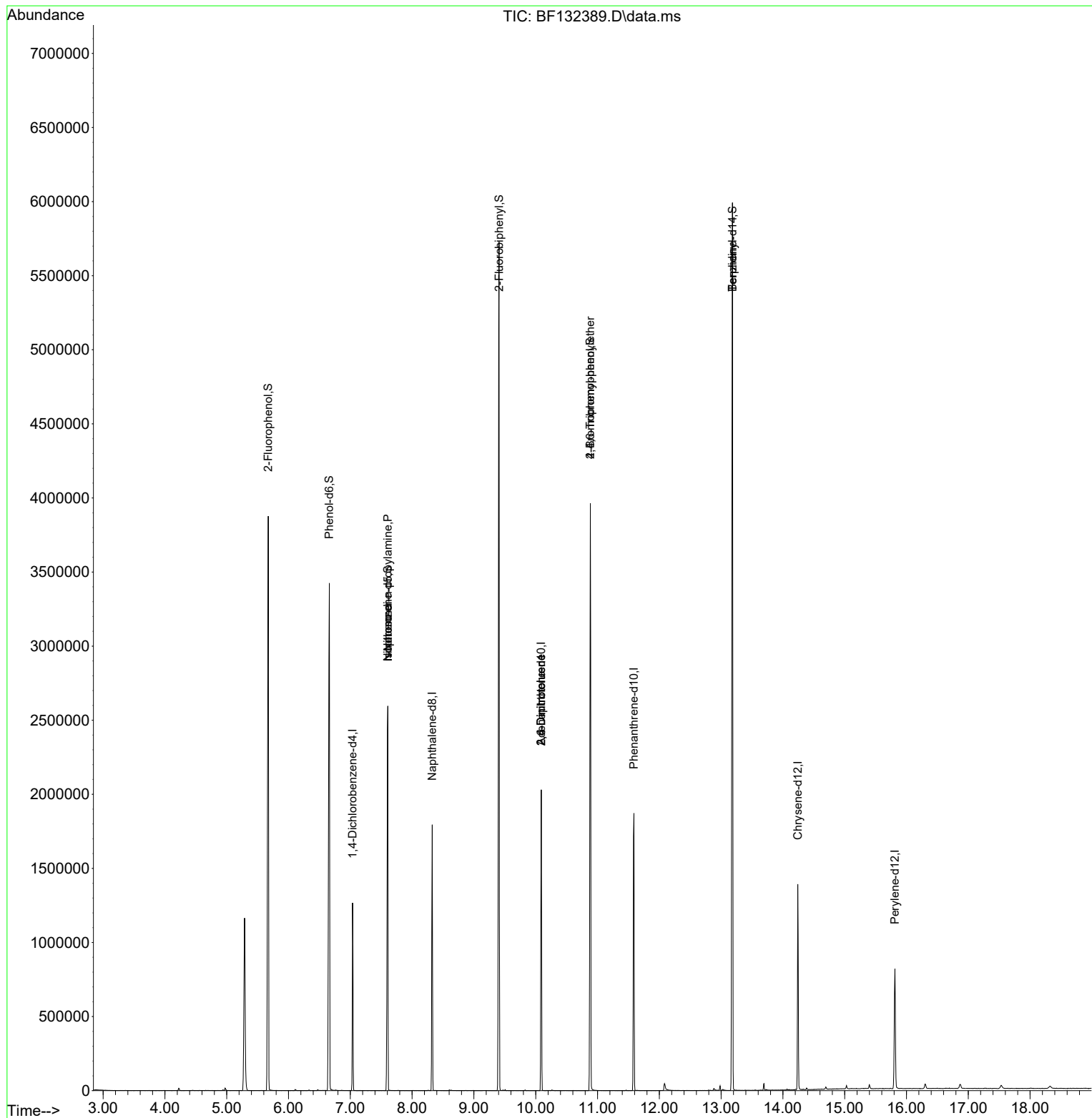
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.036  | 152  | 194442   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.325  | 136  | 741101   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.089 | 164  | 383433   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.589 | 188  | 716936   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.242 | 240  | 435145   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.812 | 264  | 362157   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.672  | 112  | 1414767  | 116.955   | ng    | 0.02     |
| 7) Phenol-d6                  | 6.660  | 99   | 1638112  | 109.841   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.607  | 82   | 990130   | 74.346    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.883 | 330  | 569514   | 144.434   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.407  | 172  | 1842431  | 74.203    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.183 | 244  | 2164280  | 96.212    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.589  | 77   | 243      | Below Cal | #     | 58       |
| 19) n-Nitroso-di-n-propyla... | 7.607  | 70   | 122606   | 14.473    | ng    | # 75     |
| 25) Isophorone                | 7.607  | 82   | 990114   | 39.170    | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 10.089 | 165  | 50605    | 8.448     | ng    | # 24     |
| 57) 2,4-Dinitrotoluene        | 10.089 | 165  | 50605    | 6.503     | ng    | # 23     |
| 67) 4-Bromophenyl-phenylether | 10.883 | 248  | 32631    | 4.445     | ng    | # 1      |
| 77) Benzydine                 | 13.183 | 184  | 33944    | 2.231     | ng    | # 94     |
| -----                         |        |      |          |           |       |          |

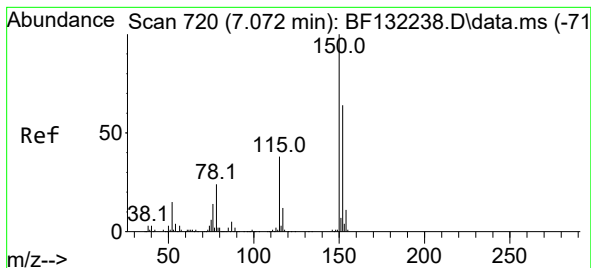
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021023\  
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Quant Time: Feb 11 00:33:35 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Feb 11 00:16:13 2023  
Response via : Initial Calibration

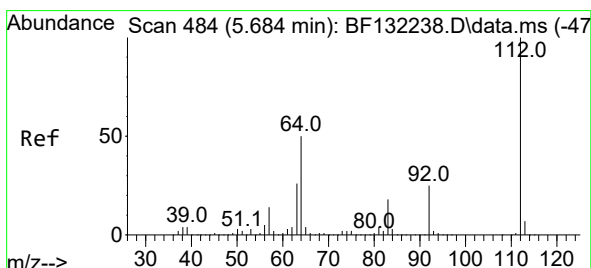
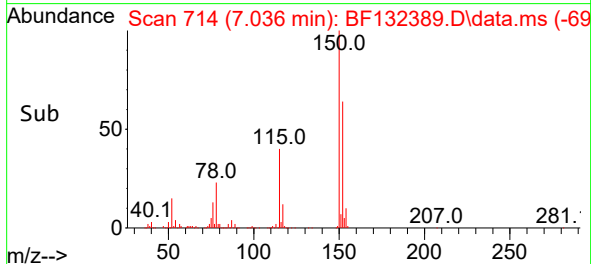
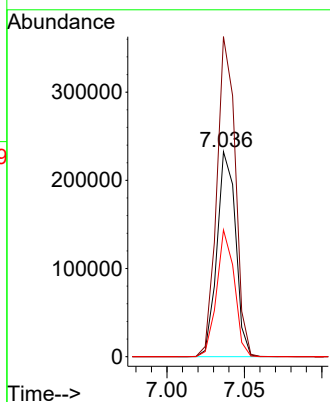
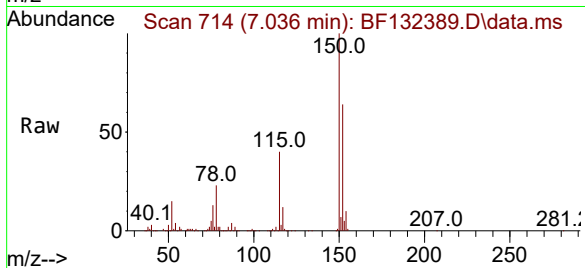




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.036 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

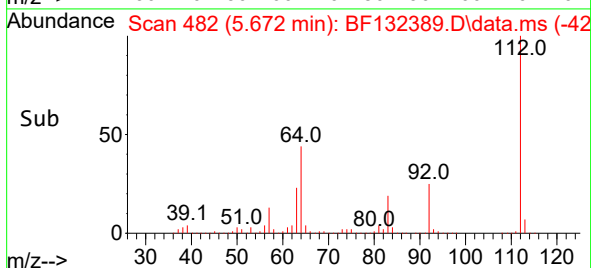
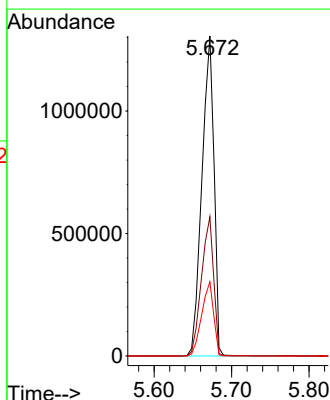
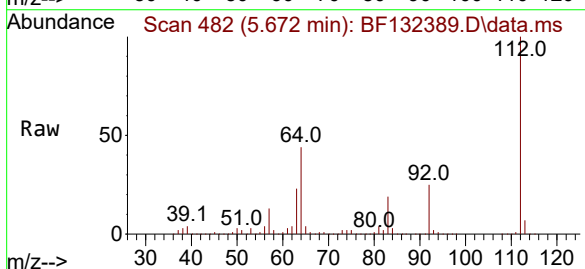
Instrument :  
BNA\_F  
ClientSampleId :  
PB150766TB

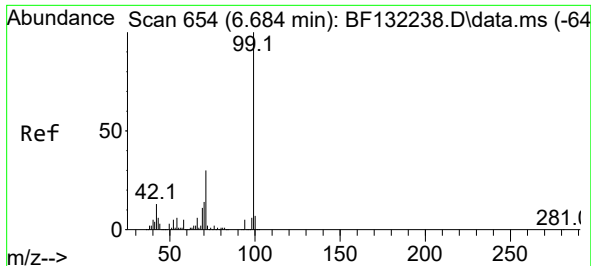
Tgt Ion:152 Resp: 194442  
Ion Ratio Lower Upper  
152 100  
150 156.1 124.2 186.2  
115 61.8 47.3 70.9



#5  
2-Fluorophenol  
Concen: 116.955 ng  
RT: 5.672 min Scan# 482  
Delta R.T. 0.017 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

Tgt Ion:112 Resp: 1414767  
Ion Ratio Lower Upper  
112 100  
64 43.5 40.0 60.0  
63 23.2 20.5 30.7

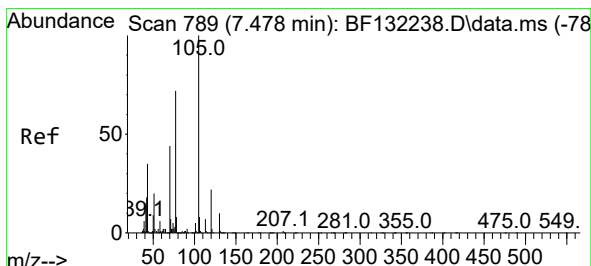
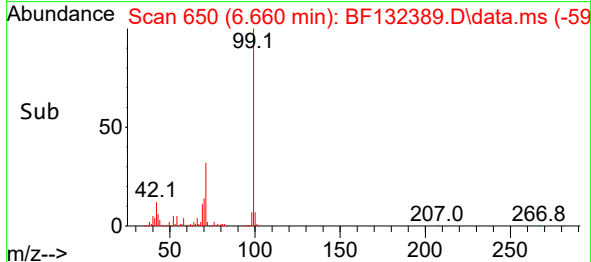
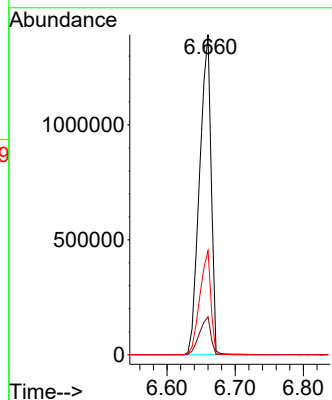
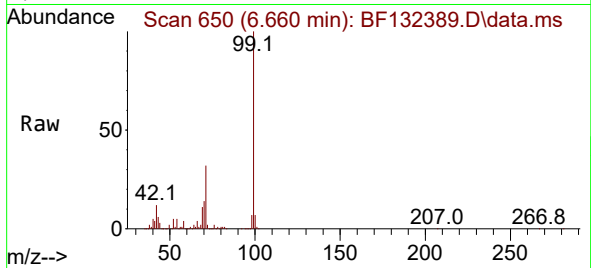




#7  
Phenol-d6  
Concen: 109.841 ng  
RT: 6.660 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

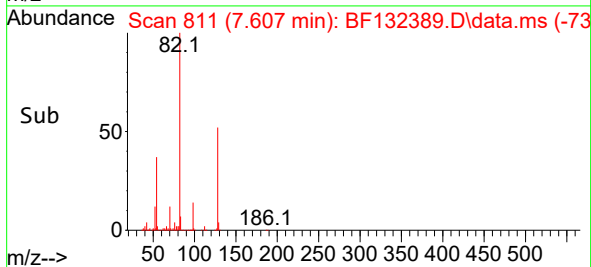
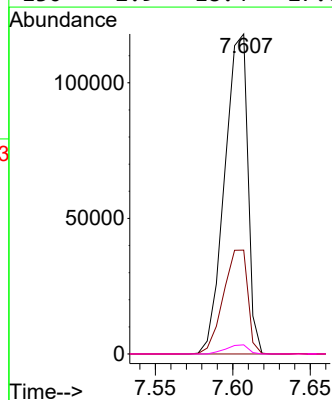
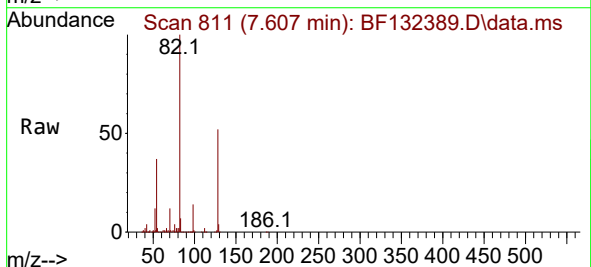
Instrument :  
BNA\_F  
ClientSampleId :  
PB150766TB

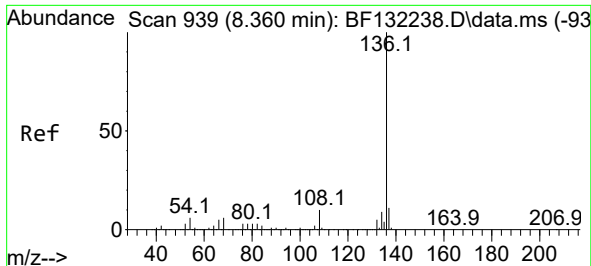
Tgt Ion: 99 Resp: 1638112  
Ion Ratio Lower Upper  
99 100  
42 11.8 10.1 15.1  
71 32.5 24.2 36.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.473 ng  
RT: 7.607 min Scan# 811  
Delta R.T. 0.159 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

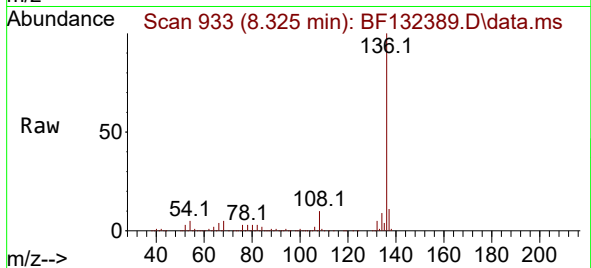
Tgt Ion: 70 Resp: 122606  
Ion Ratio Lower Upper  
70 100  
42 32.5 33.4 50.0#  
101 0.0 8.2 12.4#  
130 2.9 18.4 27.6#



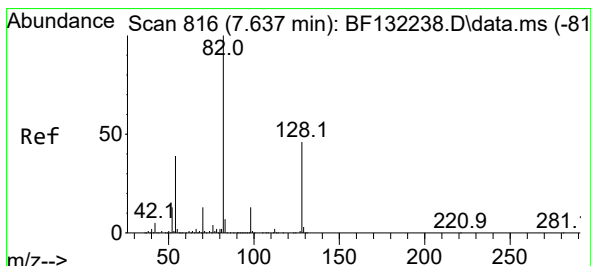
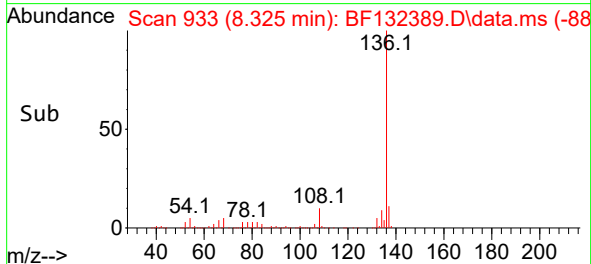
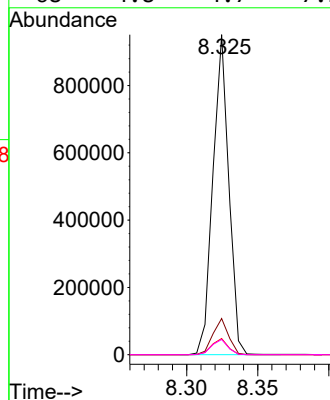


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.325 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB150766TB

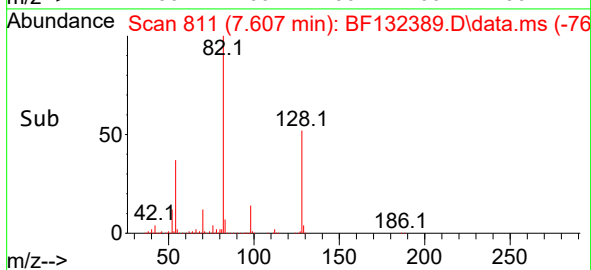
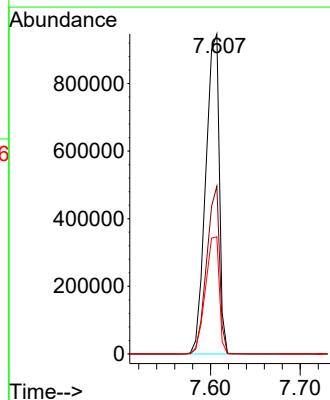
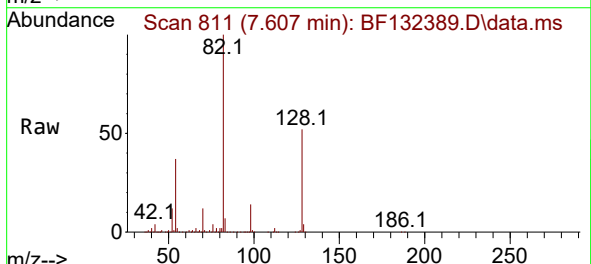


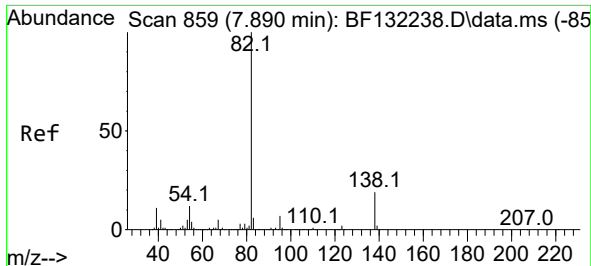
Tgt Ion:136 Resp: 741101  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 5.0 4.9 7.3  
68 4.8 4.7 7.1



#23  
Nitrobenzene-d5  
Concen: 74.346 ng  
RT: 7.607 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

Tgt Ion: 82 Resp: 990130  
Ion Ratio Lower Upper  
82 100  
128 52.4 37.0 55.4  
54 36.6 31.5 47.3

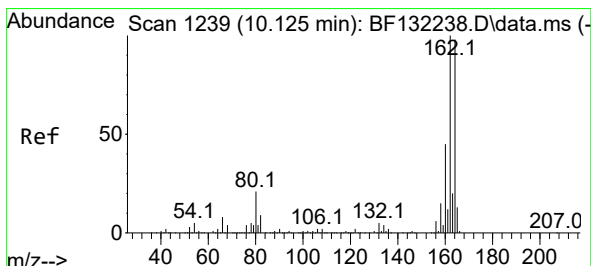
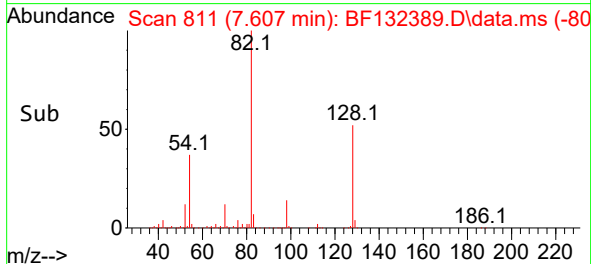
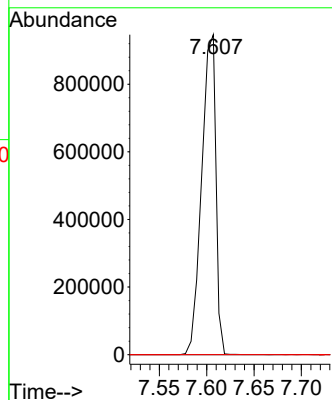
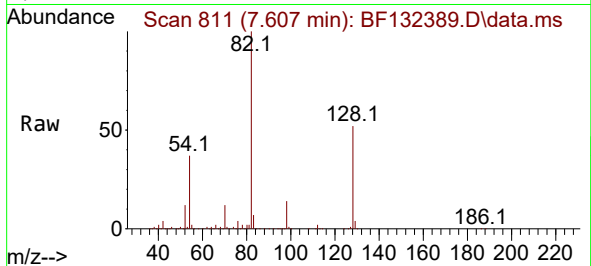




#25  
Isophorone  
Concen: 39.170 ng  
RT: 7.607 min Scan# 81  
Delta R.T. -0.253 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

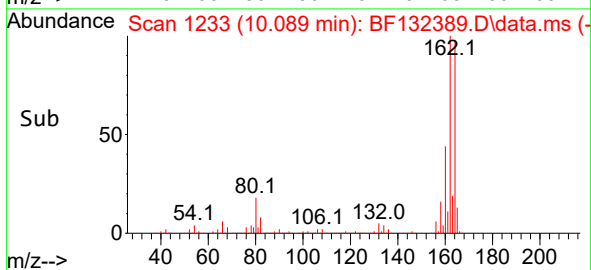
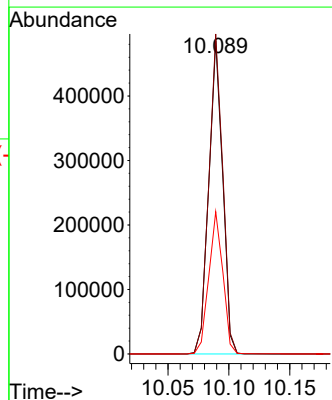
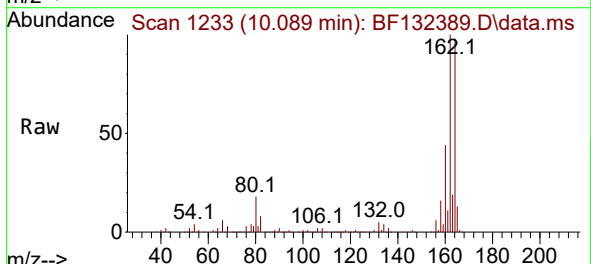
Instrument :  
BNA\_F  
ClientSampleId :  
PB150766TB

Tgt Ion: 82 Resp: 990114  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 15.0 22.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.089 min Scan# 1233  
Delta R.T. -0.006 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

Tgt Ion: 164 Resp: 383433  
Ion Ratio Lower Upper  
164 100  
162 102.2 82.0 123.0  
160 45.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 144.434 ng

RT: 10.883 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF132389.D

Acq: 10 Feb 2023 15:44

Instrument :

BNA\_F

ClientSampleId :

PB150766TB

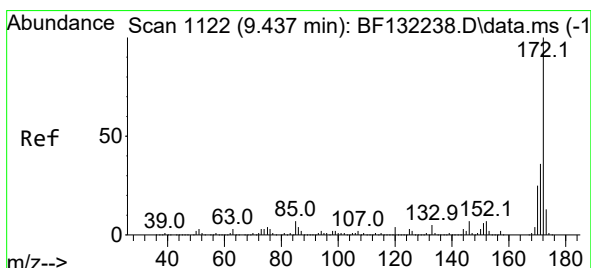
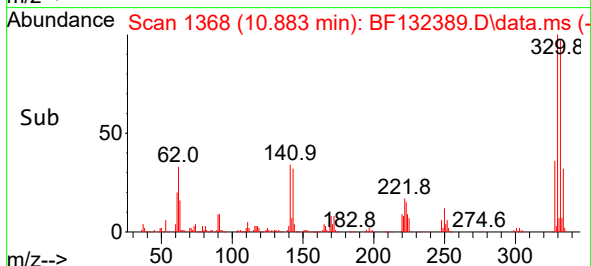
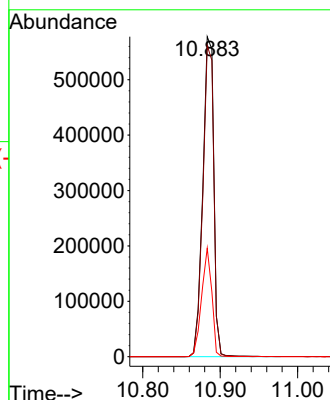
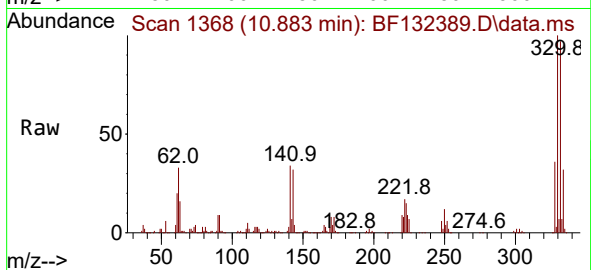
Tgt Ion:330 Resp: 569514

Ion Ratio Lower Upper

330 100

332 96.7 77.9 116.9

141 31.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 74.203 ng

RT: 9.407 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF132389.D

Acq: 10 Feb 2023 15:44

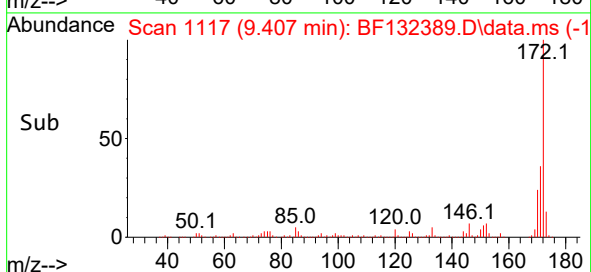
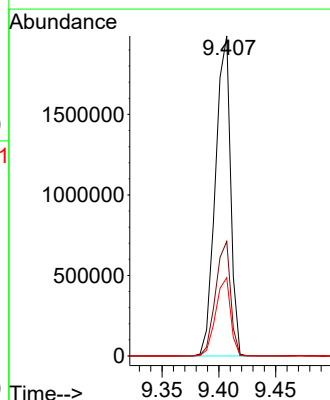
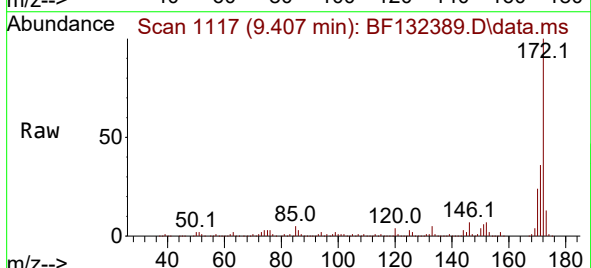
Tgt Ion:172 Resp: 1842431

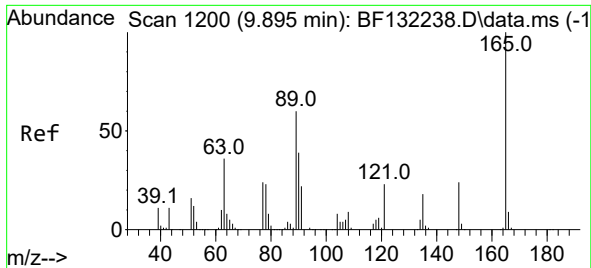
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.5 19.7 29.5

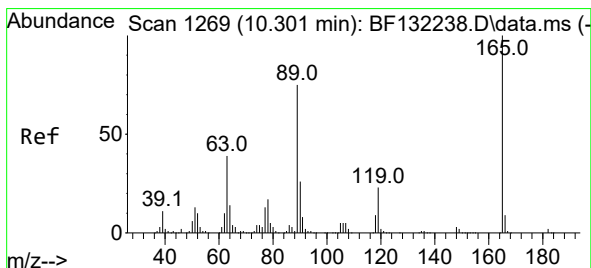
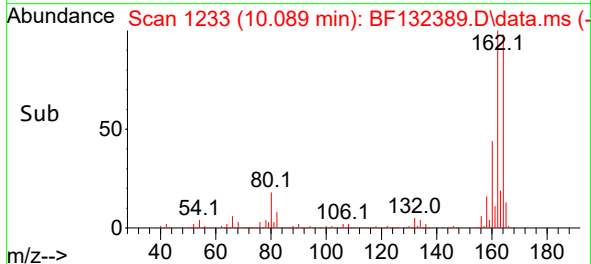
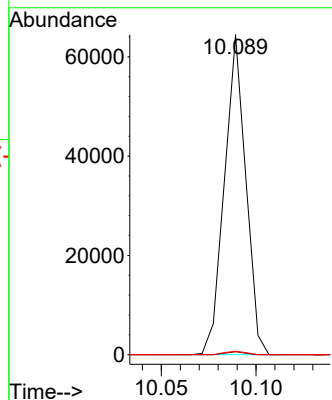
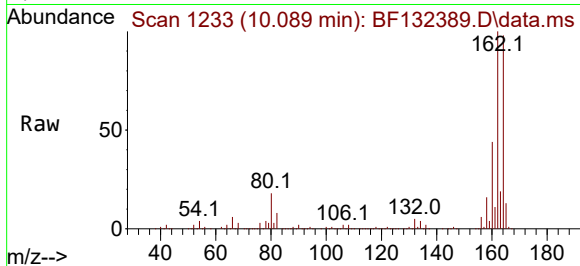




#51  
2,6-Dinitrotoluene  
Concen: 8.448 ng  
RT: 10.089 min Scan# 11  
Delta R.T. 0.217 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

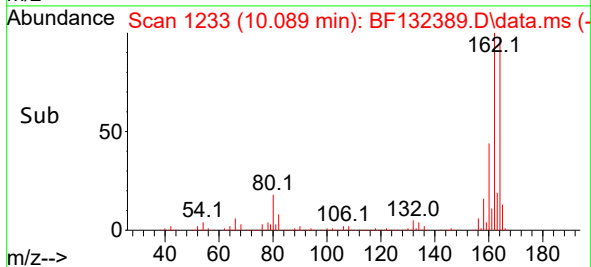
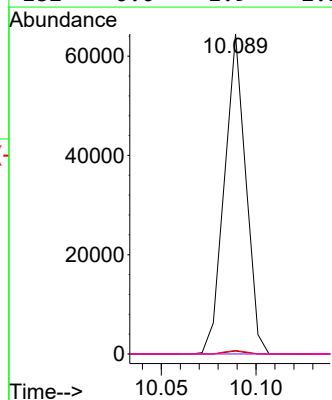
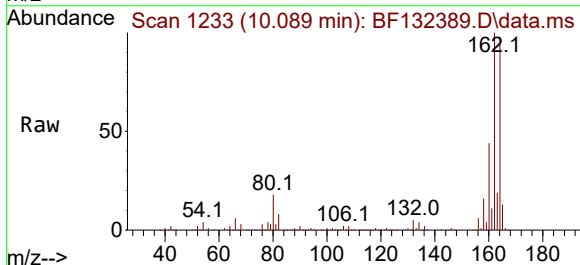
Instrument :  
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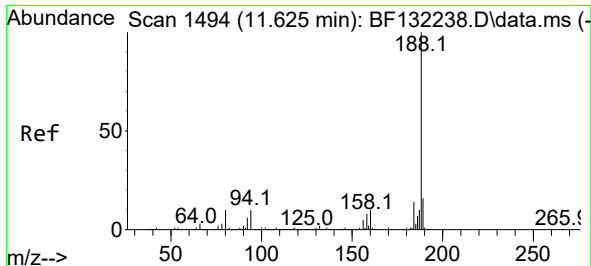
Tgt Ion:165 Resp: 50605  
Ion Ratio Lower Upper  
165 100  
63 0.9 41.5 62.3#  
89 1.1 48.1 72.1#



#57  
2,4-Dinitrotoluene  
Concen: 6.503 ng  
RT: 10.089 min Scan# 1233  
Delta R.T. -0.183 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

Tgt Ion:165 Resp: 50605  
Ion Ratio Lower Upper  
165 100  
63 0.9 30.9 46.3#  
89 1.1 60.1 90.1#  
182 0.0 1.9 2.9#

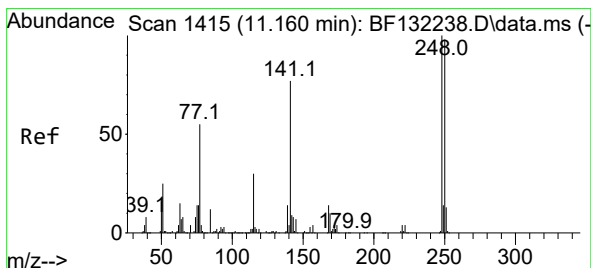
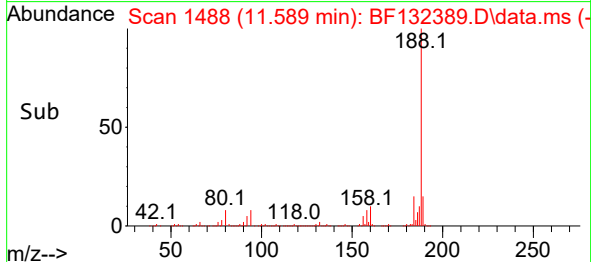
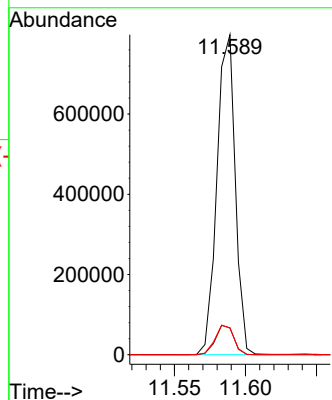
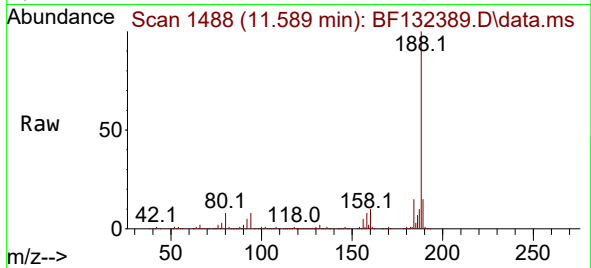




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.589 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

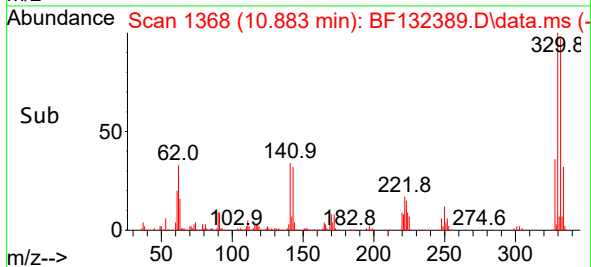
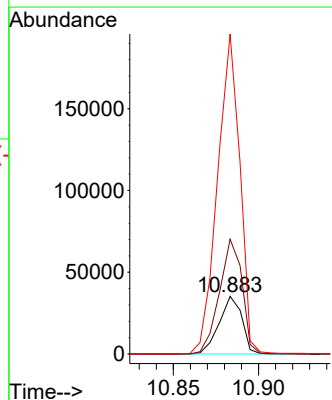
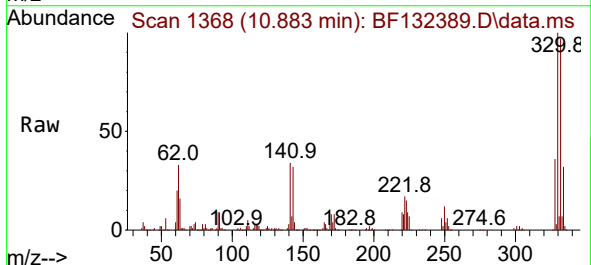
Instrument :  
BNA\_F  
ClientSampleId :  
PB150766TB

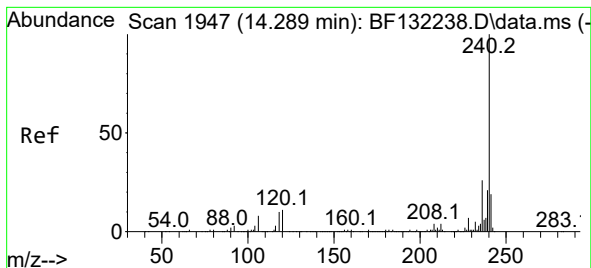
Tgt Ion:188 Resp: 716936  
Ion Ratio Lower Upper  
188 100  
94 8.4 8.2 12.2  
80 8.3 8.3 12.5#



#67  
4-Bromophenyl-phenylether  
Concen: 4.445 ng  
RT: 10.883 min Scan# 1368  
Delta R.T. -0.241 min  
Lab File: BF132389.D  
Acq: 10 Feb 2023 15:44

Tgt Ion:248 Resp: 32631  
Ion Ratio Lower Upper  
248 100  
250 199.4 78.6 117.8#  
141 555.9 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.242 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132389.D

Acq: 10 Feb 2023 15:44

Instrument :

BNA\_F

ClientSampleId :

PB150766TB

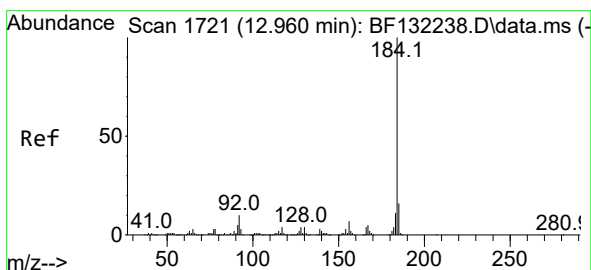
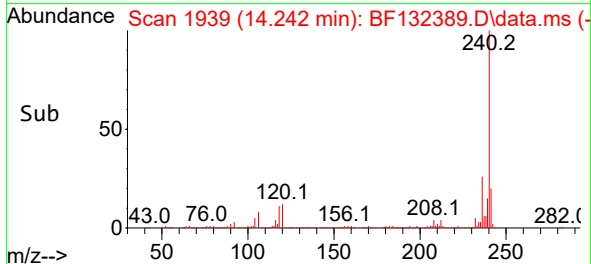
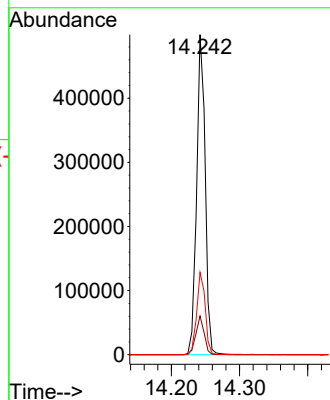
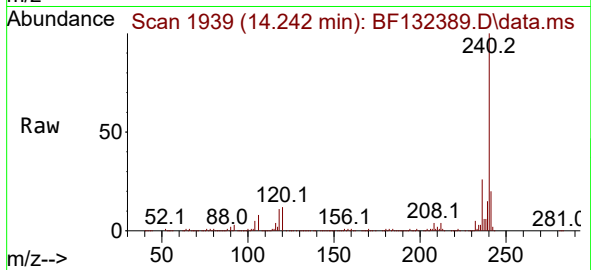
Tgt Ion:240 Resp: 435145

Ion Ratio Lower Upper

240 100

120 12.1 8.8 13.2

236 25.7 21.0 31.6



#77

Benidine

Concen: 2.231 ng

RT: 13.183 min Scan# 1759

Delta R.T. 0.253 min

Lab File: BF132389.D

Acq: 10 Feb 2023 15:44

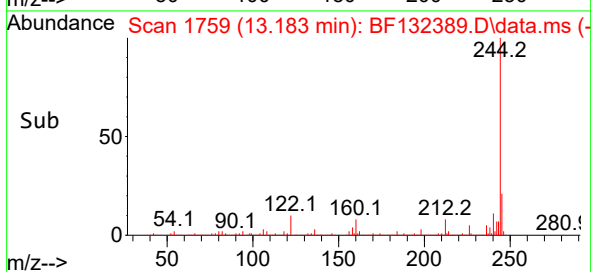
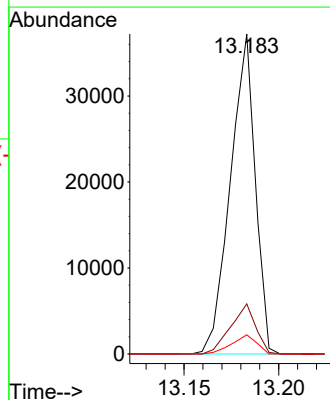
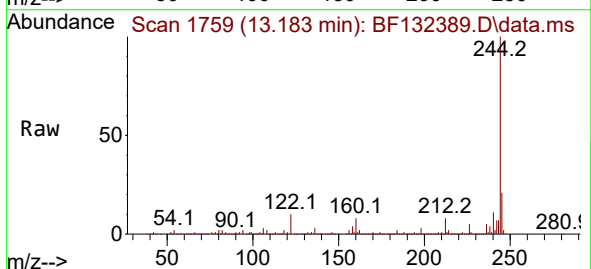
Tgt Ion:184 Resp: 33944

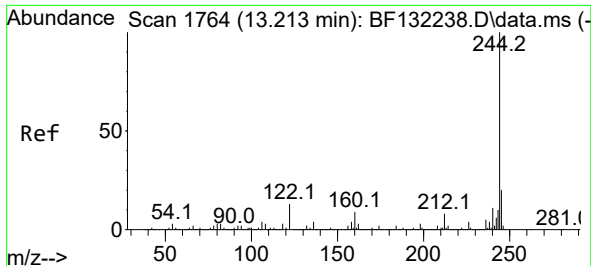
Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

183 6.0 8.9 13.3#

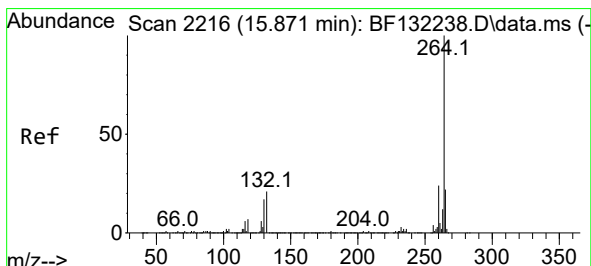
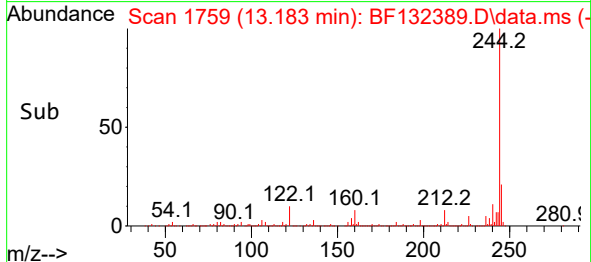
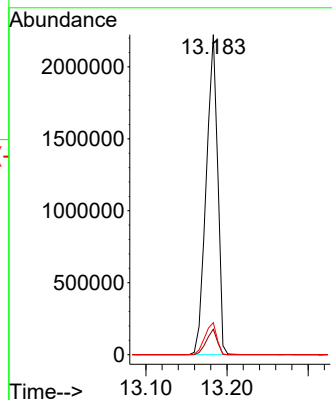
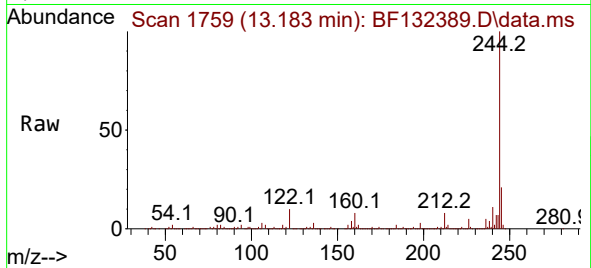




#79  
 Terphenyl-d14  
 Concen: 96.212 ng  
 RT: 13.183 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF132389.D  
 Acq: 10 Feb 2023 15:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150766TB

Tgt Ion:244 Resp: 2164280  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.4 9.6  
 122 10.0 10.5 15.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.812 min Scan# 2206  
 Delta R.T. -0.006 min  
 Lab File: BF132389.D  
 Acq: 10 Feb 2023 15:44

Tgt Ion:264 Resp: 362157  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.0 28.4  
 265 21.6 17.4 26.2

