

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052824\  
 Data File : BF138039.D  
 Acq On : 28 May 2024 11:09  
 Operator : CG\JU  
 Sample : PB161134BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB161134BL

Quant Time: May 28 11:34:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 15 04:12:16 2024  
 Response via : Initial Calibration

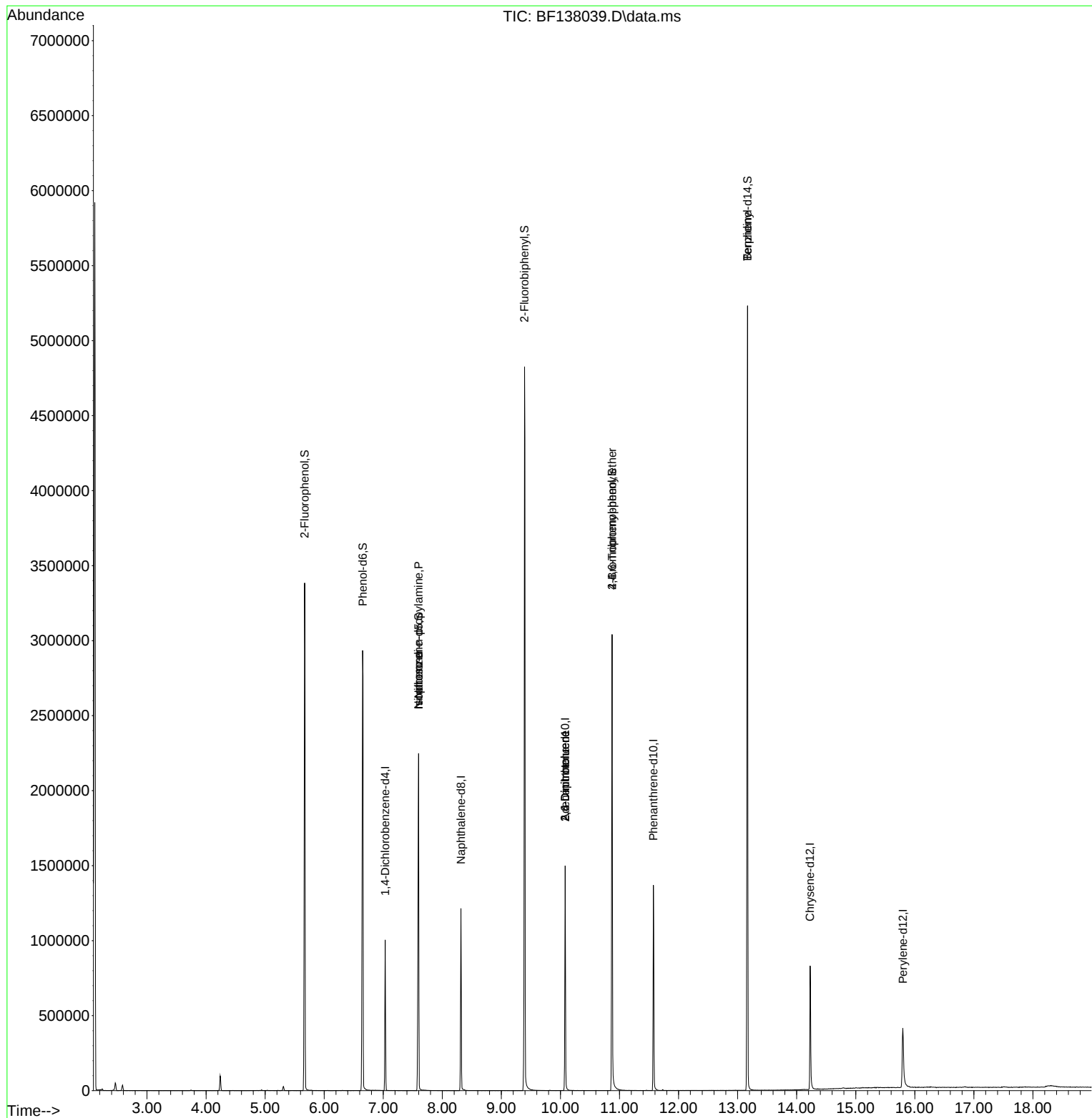
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.034  | 152  | 137984   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.316  | 136  | 543577   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 10.080 | 164  | 304153   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.574 | 188  | 531939   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.227 | 240  | 316458   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.798 | 264  | 272948   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.669  | 112  | 1067355  | 131.396 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.651  | 99   | 1298610  | 129.777 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.598  | 82   | 783726   | 84.850  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.875 | 330  | 421309   | 137.379 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.392  | 172  | 1686583  | 85.417  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.169 | 244  | 1910978  | 88.998  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.598  | 70   | 103014   | 18.324  | ng    | # 73     |
| 25) Isophorone                | 7.598  | 82   | 783719   | 48.889  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 10.080 | 165  | 39112    | 8.935   | ng    | # 29     |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 39229    | 6.932   | ng    | # 33     |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248  | 27229    | 4.669   | ng    | # 1      |
| 77) Benzidine                 | 13.169 | 184  | 21602    | 5.223   | ng    | # 91     |
| -----                         |        |      |          |         |       |          |

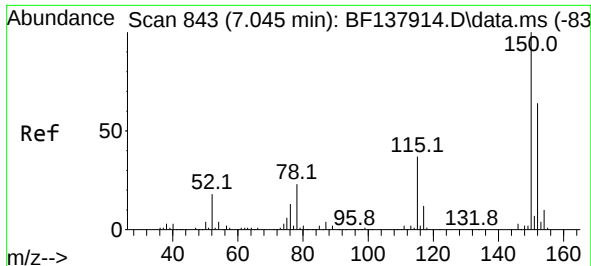
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052824\  
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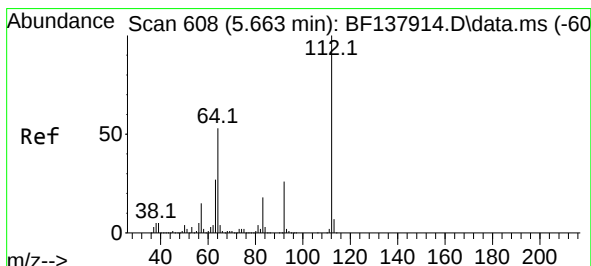
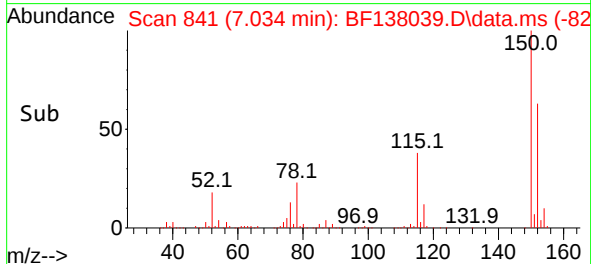
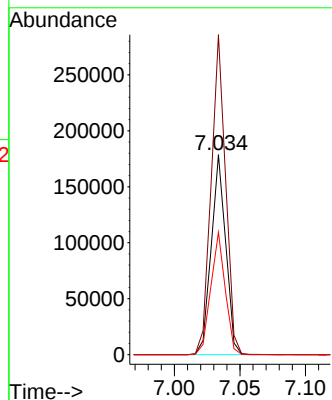
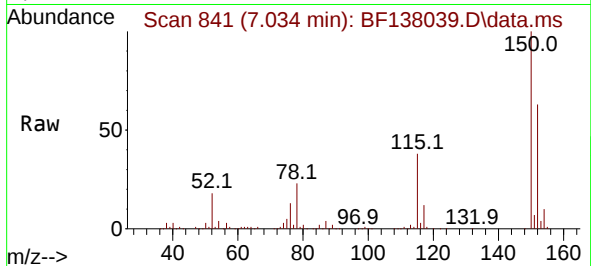




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.011 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

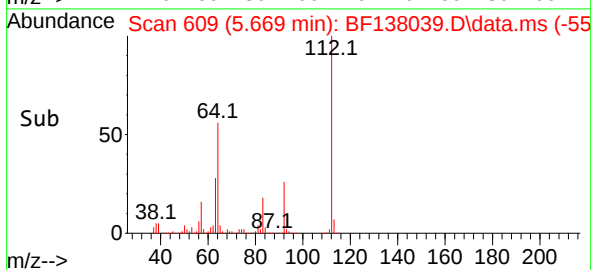
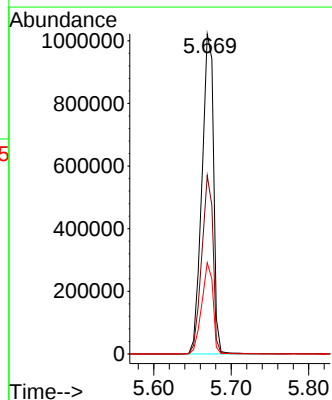
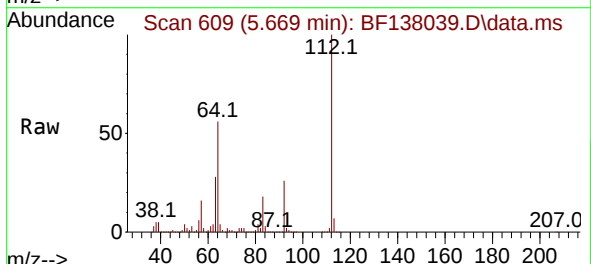
Instrument :  
BNA\_F  
ClientSampleId :  
PB161134BL

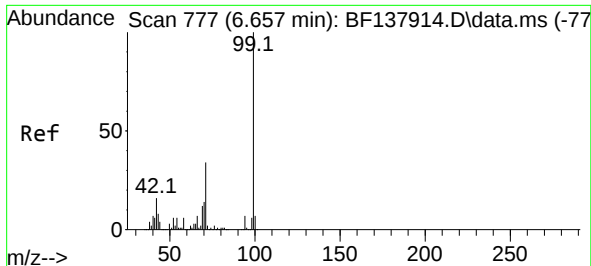
Tgt Ion:152 Resp: 137984  
Ion Ratio Lower Upper  
152 100  
150 160.0 125.7 188.5  
115 61.2 47.0 70.6



#5  
2-Fluorophenol  
Concen: 131.396 ng  
RT: 5.669 min Scan# 609  
Delta R.T. 0.006 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Tgt Ion:112 Resp: 1067355  
Ion Ratio Lower Upper  
112 100  
64 55.7 42.4 63.6  
63 28.5 21.4 32.2





#7  
Phenol-d6  
Concen: 129.777 ng  
RT: 6.651 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Instrument :

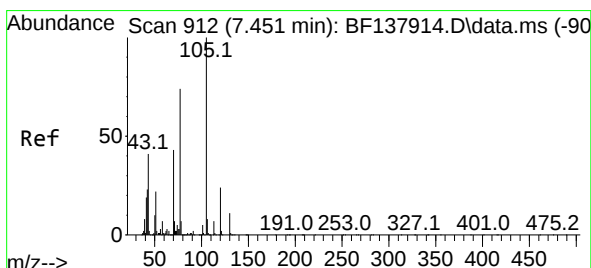
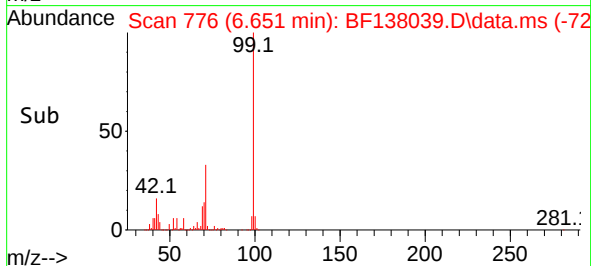
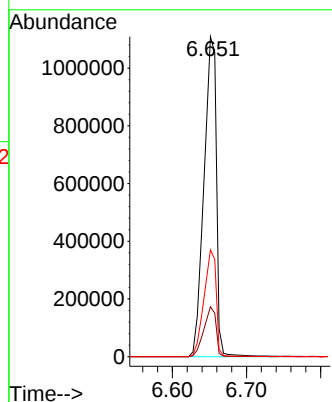
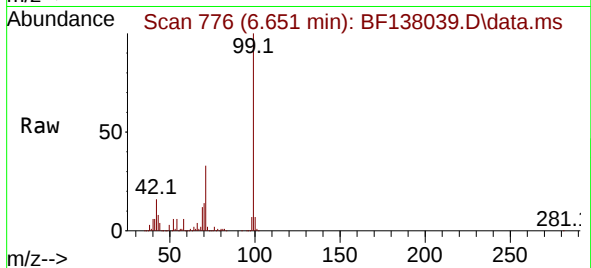
BNA\_F

ClientSampleId :

PB161134BL

Tgt Ion: 99 Resp: 1298610

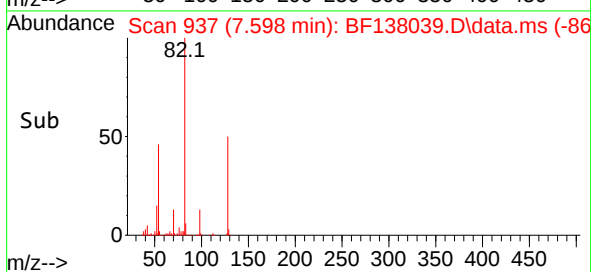
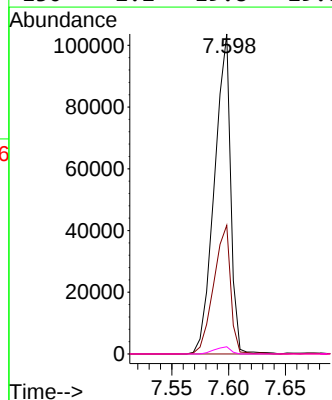
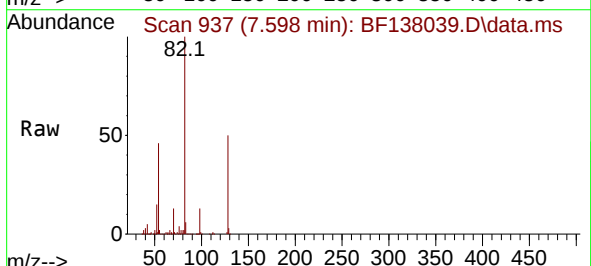
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.6  | 12.6  | 18.8  |
| 71  | 33.4  | 27.1  | 40.7  |

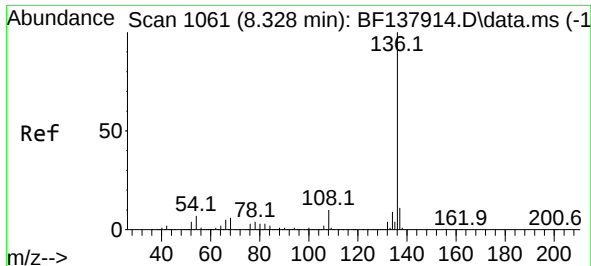


#19  
n-Nitroso-di-n-propylamine  
Concen: 18.324 ng  
RT: 7.598 min Scan# 937  
Delta R.T. 0.147 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Tgt Ion: 70 Resp: 103014

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 40.2  | 42.2  | 63.4# |
| 101 | 0.0   | 8.8   | 13.2# |
| 130 | 2.2   | 19.8  | 29.8# |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.316 min Scan# 1059  
Delta R.T. -0.012 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Instrument :

BNA\_F

ClientSampleId :

PB161134BL

Tgt Ion:136 Resp: 543577

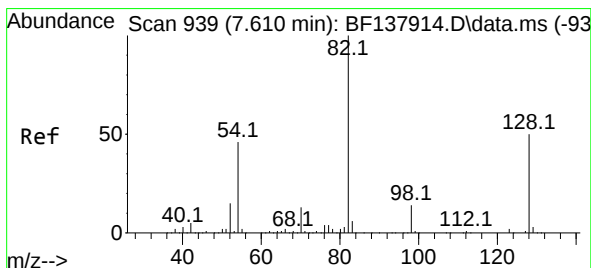
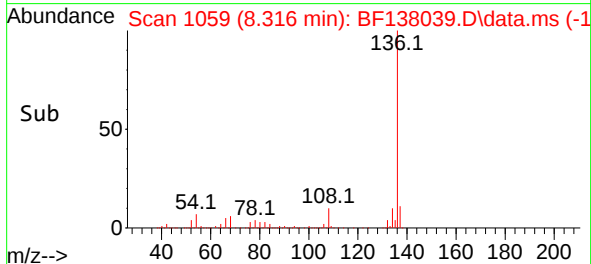
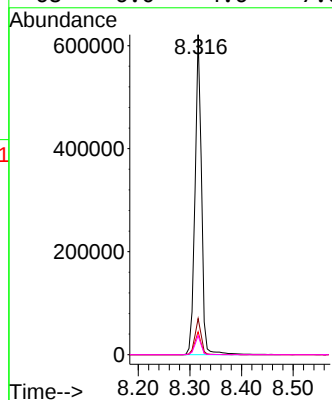
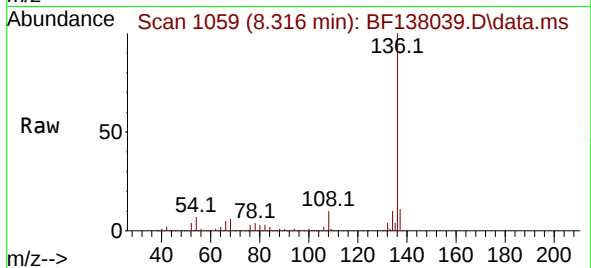
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.2 5.4 8.2

68 6.0 4.6 7.0



#23  
Nitrobenzene-d5  
Concen: 84.850 ng  
RT: 7.598 min Scan# 937  
Delta R.T. -0.012 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

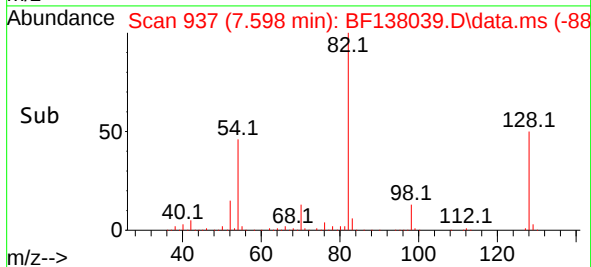
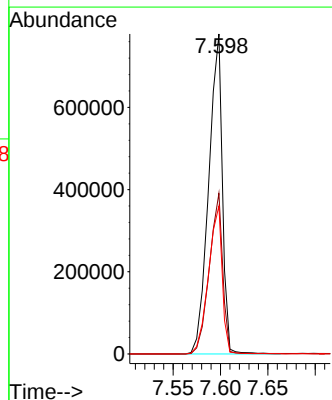
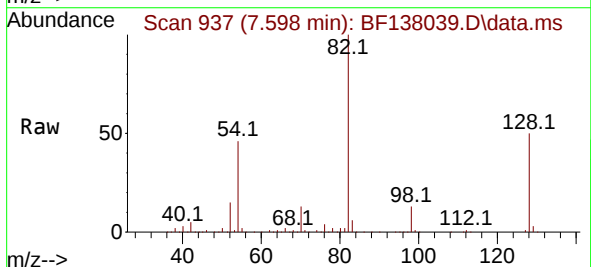
Tgt Ion: 82 Resp: 783726

Ion Ratio Lower Upper

82 100

128 50.2 40.3 60.5

54 46.2 36.8 55.2

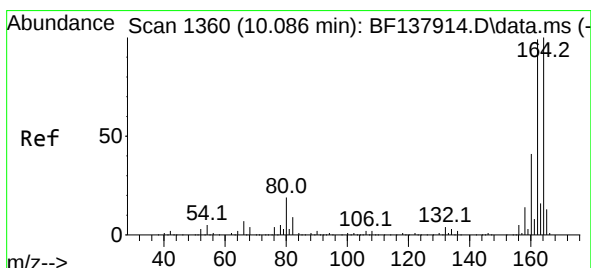
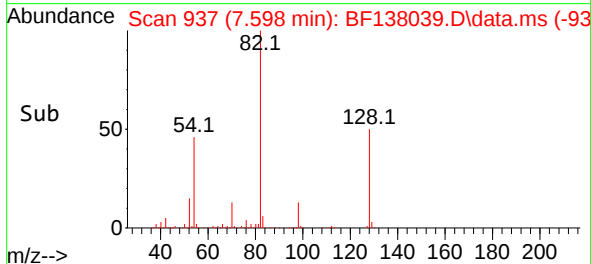
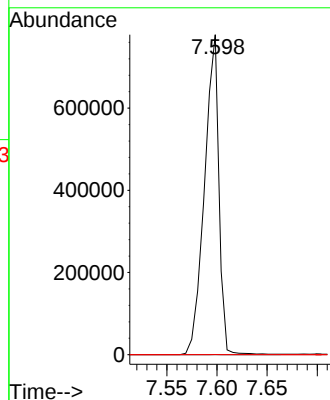
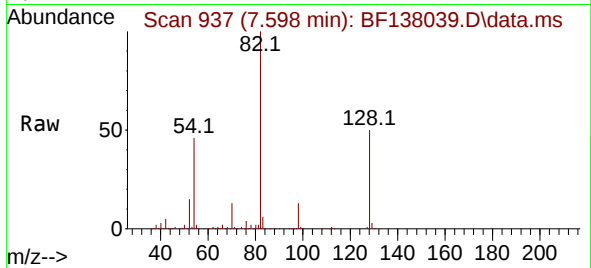




#25  
Isophorone  
Concen: 48.889 ng  
RT: 7.598 min Scan# 91  
Delta R.T. -0.259 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

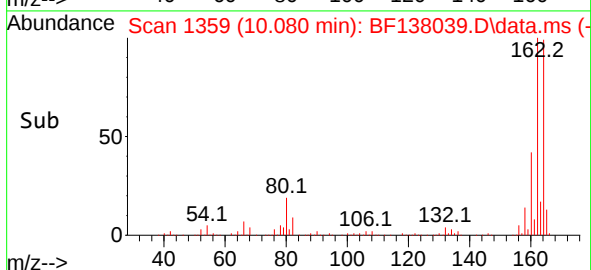
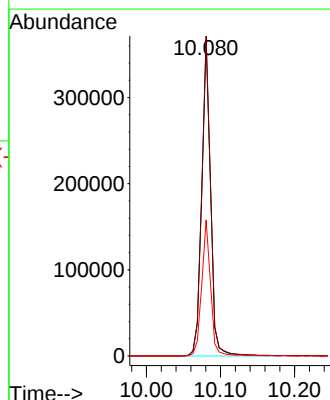
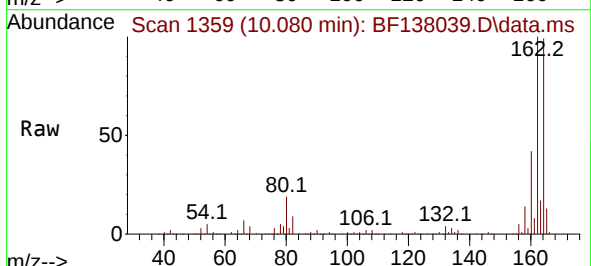
Instrument :  
BNA\_F  
ClientSampleId :  
PB161134BL

Tgt Ion: 82 Resp: 783719  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 15.0 22.4#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.006 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

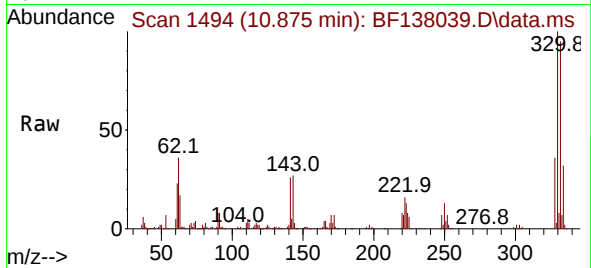
Tgt Ion:164 Resp: 304153  
Ion Ratio Lower Upper  
164 100  
162 101.3 79.4 119.2  
160 43.0 33.1 49.7



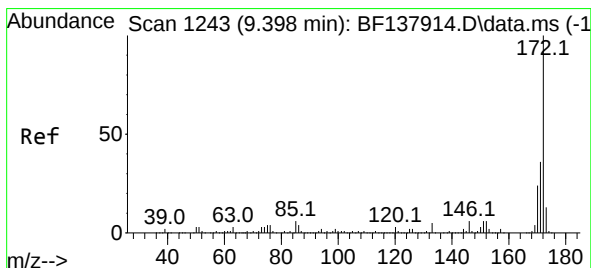
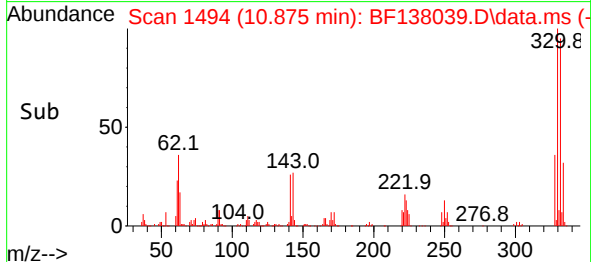
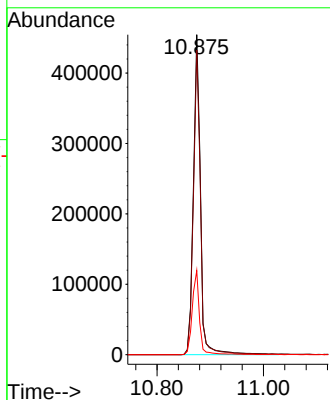


#42  
2,4,6-Tribromophenol  
Concen: 137.379 ng  
RT: 10.875 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB161134BL

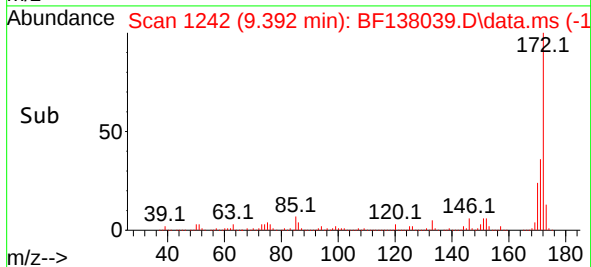
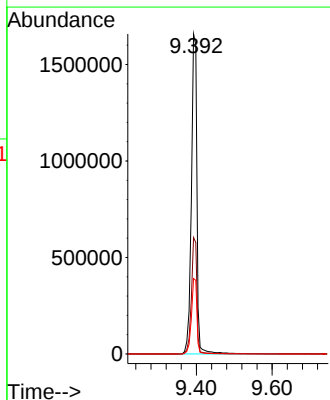
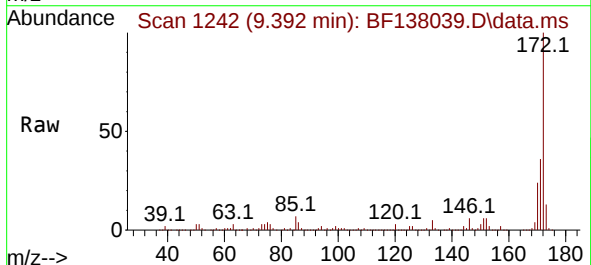


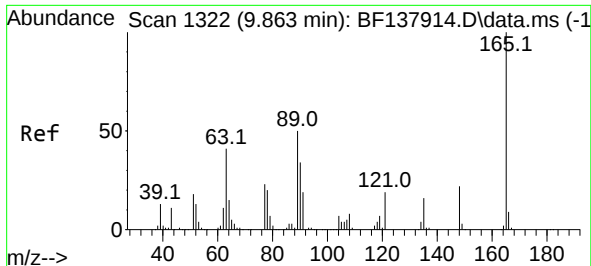
Tgt Ion:330 Resp: 421309  
Ion Ratio Lower Upper  
330 100  
332 95.2 75.8 113.8  
141 26.9 23.8 35.6



#45  
2-Fluorobiphenyl  
Concen: 85.417 ng  
RT: 9.392 min Scan# 1242  
Delta R.T. -0.006 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Tgt Ion:172 Resp: 1686583  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.9 43.3  
170 23.6 18.9 28.3

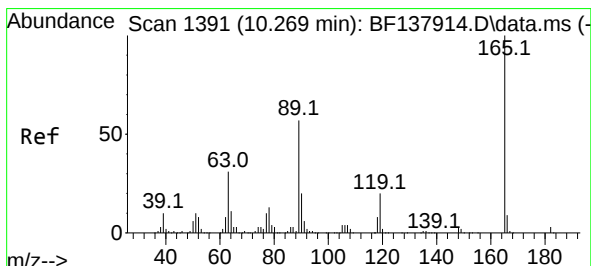
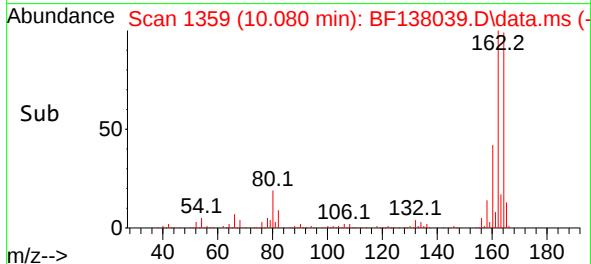
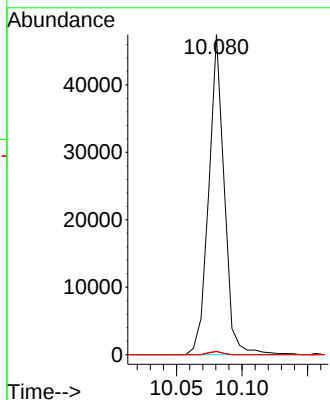
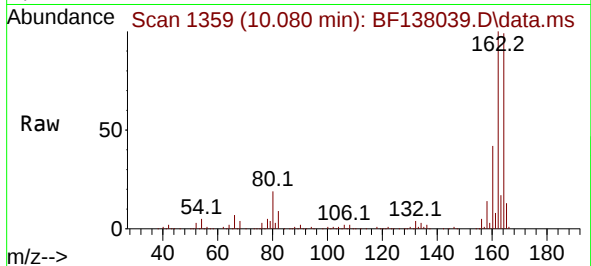




#51  
2,6-Dinitrotoluene  
Concen: 8.935 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.218 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

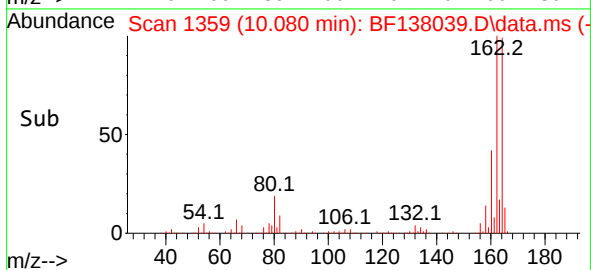
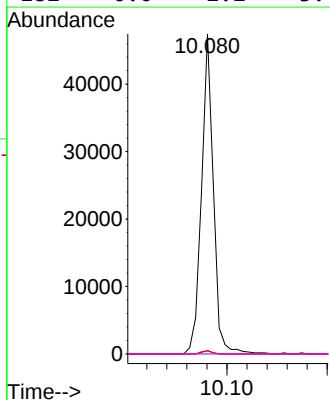
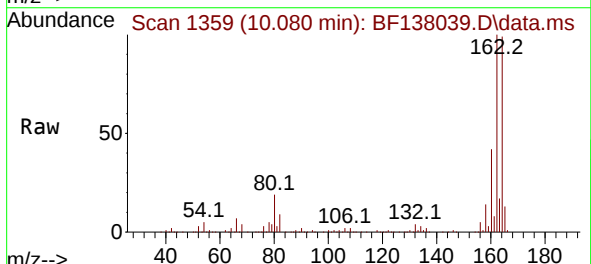
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PB161134BL

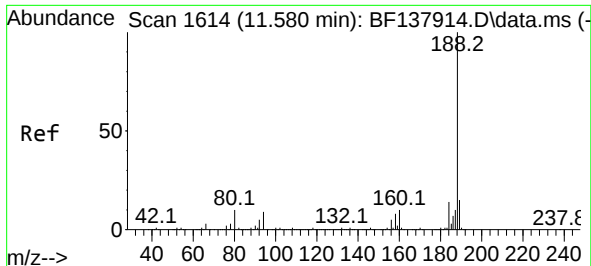
Tgt Ion:165 Resp: 39112  
Ion Ratio Lower Upper  
165 100  
63 1.1 38.9 58.3#  
89 0.9 40.4 60.6#



#57  
2,4-Dinitrotoluene  
Concen: 6.932 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.188 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Tgt Ion:165 Resp: 39229  
Ion Ratio Lower Upper  
165 100  
63 1.1 25.3 37.9#  
89 0.9 45.9 68.9#  
182 0.0 2.2 3.4#

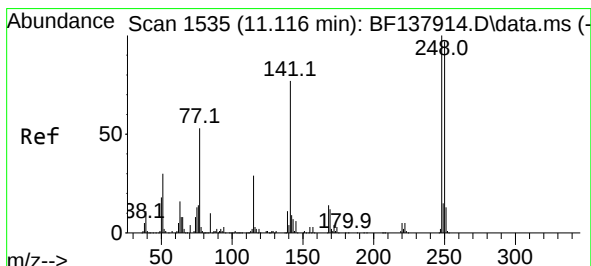
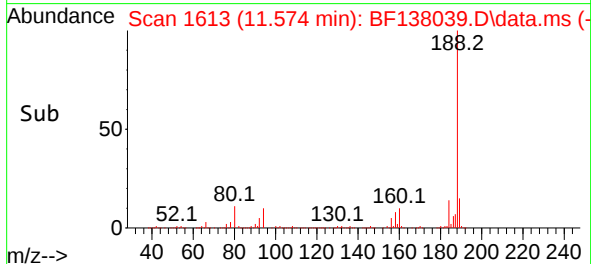
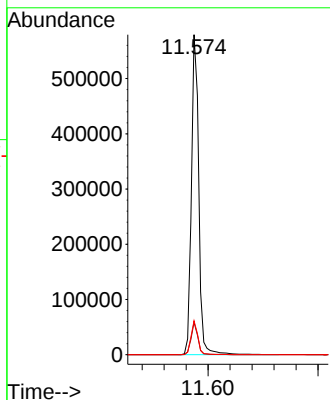
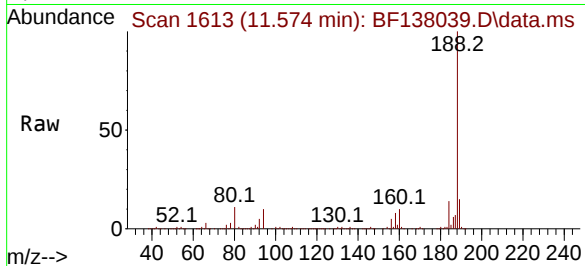




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.574 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

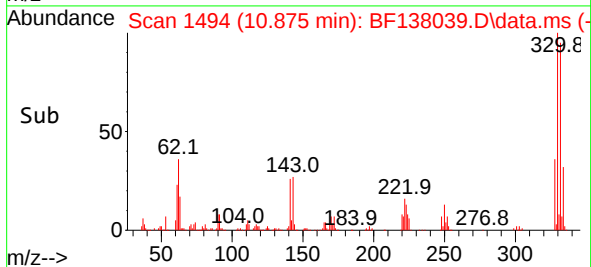
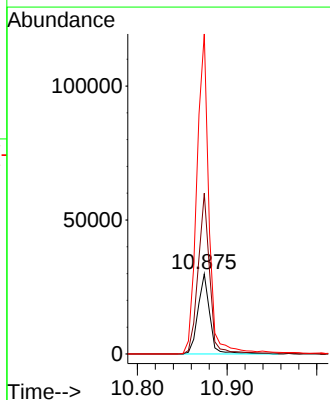
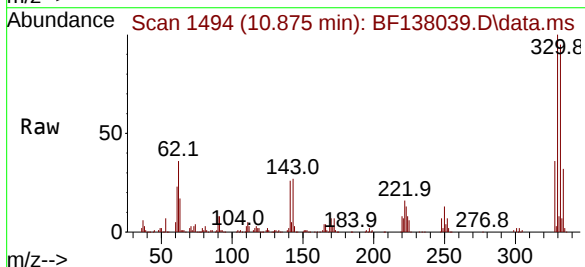
Instrument :  
BNA\_F  
ClientSampleId :  
PB161134BL

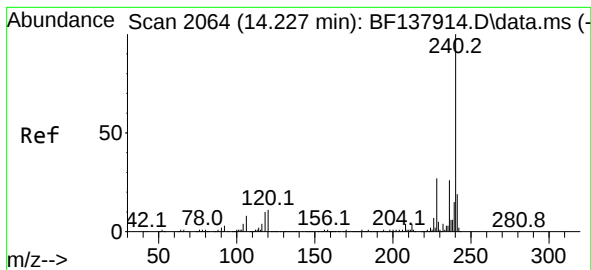
Tgt Ion:188 Resp: 531939  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.0 10.4  
80 10.6 7.7 11.5



#67  
4-Bromophenyl-phenylether  
Concen: 4.669 ng  
RT: 10.875 min Scan# 1494  
Delta R.T. -0.241 min  
Lab File: BF138039.D  
Acq: 28 May 2024 11:09

Tgt Ion:248 Resp: 27229  
Ion Ratio Lower Upper  
248 100  
250 201.1 77.6 116.4#  
141 400.3 61.4 92.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF138039.D

Acq: 28 May 2024 11:09

Instrument :

BNA\_F

ClientSampleId :

PB161134BL

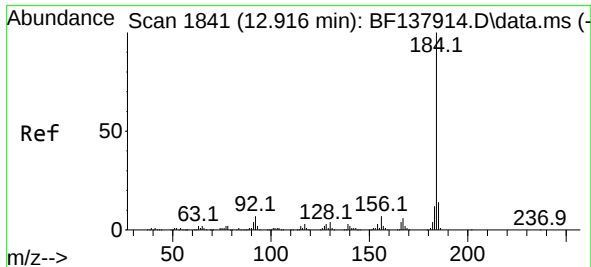
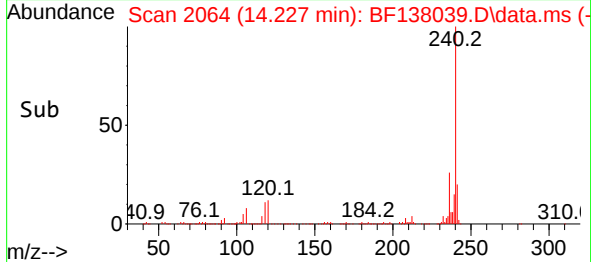
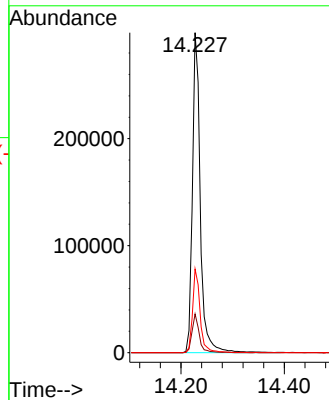
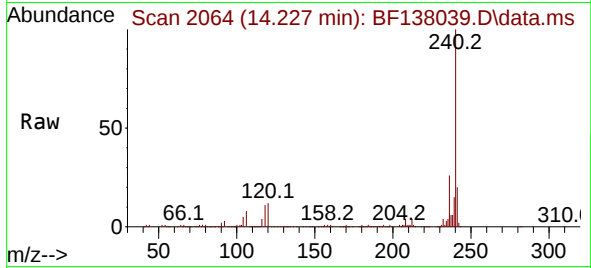
Tgt Ion:240 Resp: 316458

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 26.1 21.0 31.4



#77

Benzidine

Concen: 5.223 ng

RT: 13.169 min Scan# 1884

Delta R.T. 0.252 min

Lab File: BF138039.D

Acq: 28 May 2024 11:09

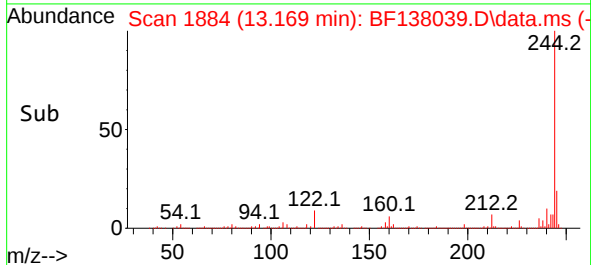
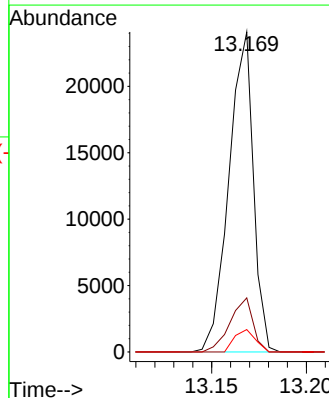
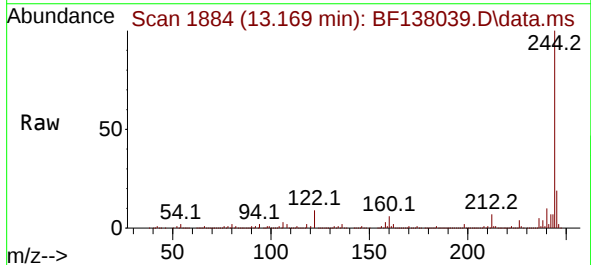
Tgt Ion:184 Resp: 21602

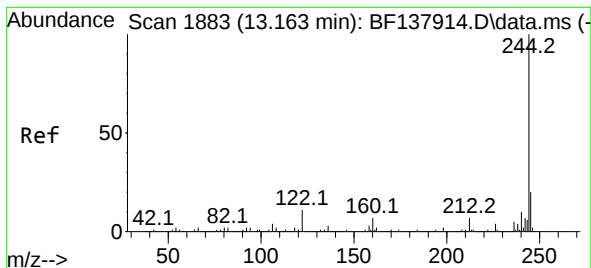
Ion Ratio Lower Upper

184 100

185 16.9 11.4 17.2

183 7.0 9.5 14.3#





#79

Terphenyl-d14

Concen: 88.998 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138039.D

Acq: 28 May 2024 11:09

Instrument :

BNA\_F

ClientSampleId :

PB161134BL

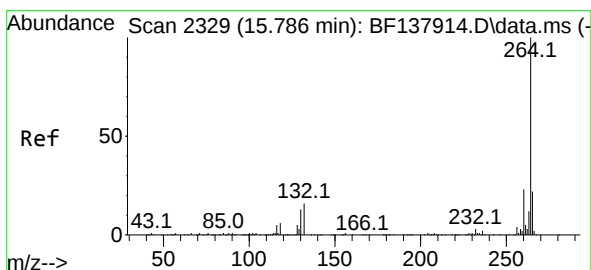
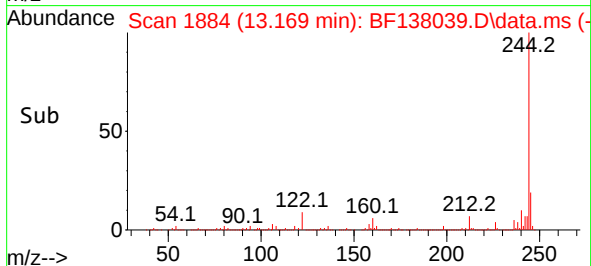
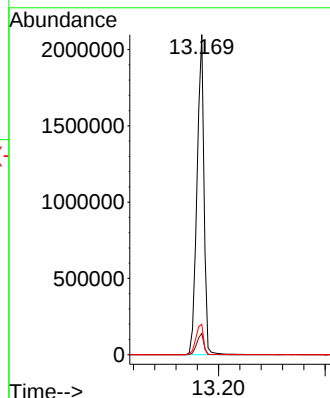
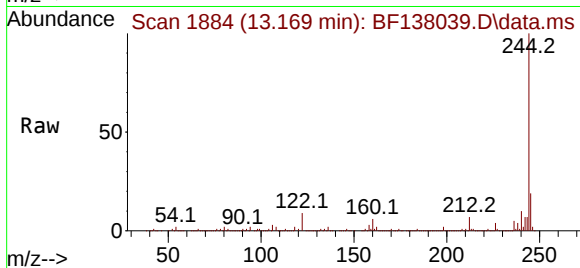
Tgt Ion:244 Resp: 1910978

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138039.D

Acq: 28 May 2024 11:09

Tgt Ion:264 Resp: 272948

Ion Ratio Lower Upper

264 100

260 24.3 18.3 27.5

265 22.1 17.6 26.4

