

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092624\  
 Data File : BF139552.D  
 Acq On : 26 Sep 2024 17:25  
 Operator : RC/JU  
 Sample : PB163677BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163677BL

Quant Time: Sep 26 17:50:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 Response via : Initial Calibration

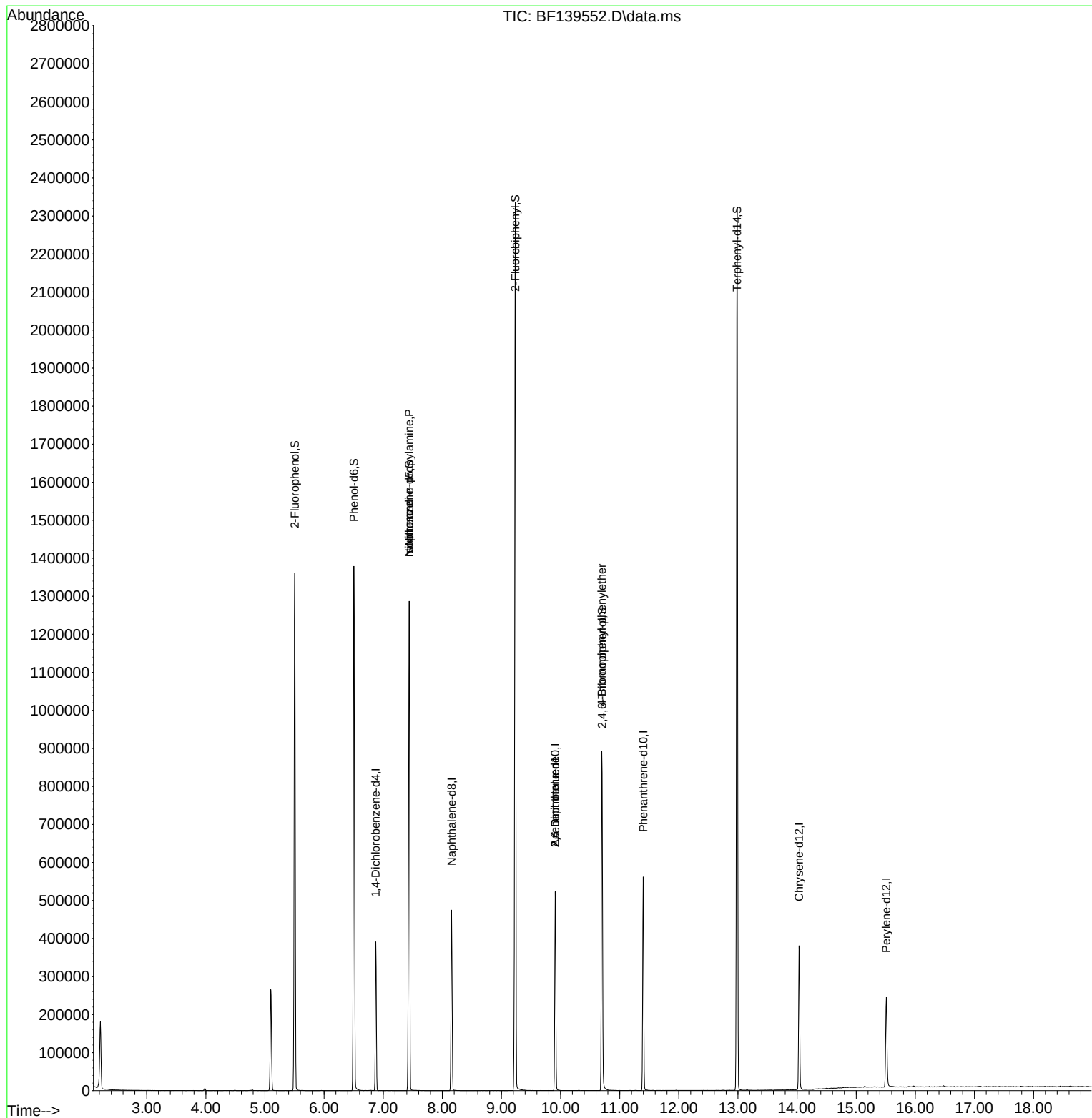
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 75782    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 282535   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.910  | 164  | 155940   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 296134   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.033 | 240  | 186522   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.510 | 264  | 150030   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 453714   | 97.670  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 602768   | 98.857  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 573363   | 95.403  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 142383   | 85.764  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 1028062  | 92.464  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 1150331  | 101.229 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 77651    | 21.491  | ng    | # 73     |
| 25) Isophorone                | 7.439  | 82   | 570754   | 60.049  | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.910  | 165  | 19583    | 8.637   | ng    | # 15     |
| 57) 2,4-Dinitrotoluene        | 9.910  | 165  | 19583    | 6.397   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 9980     | 3.401   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

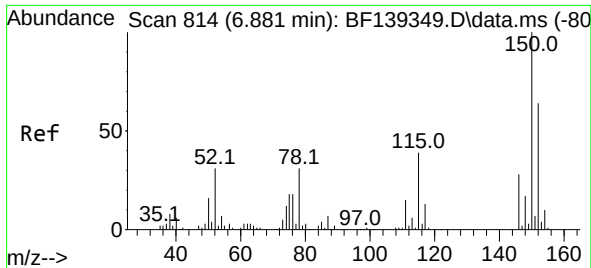
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092624\  
Data File : BF139552.D  
Acq On : 26 Sep 2024 17:25  
Operator : RC/JU  
Sample : PB163677BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB163677BL

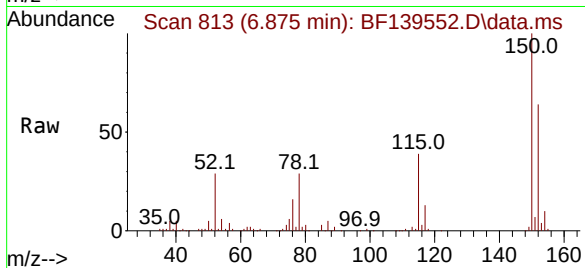
Quant Time: Sep 26 17:50:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 14 02:58:23 2024  
Response via : Initial Calibration



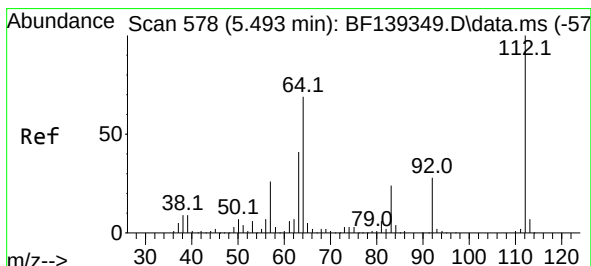
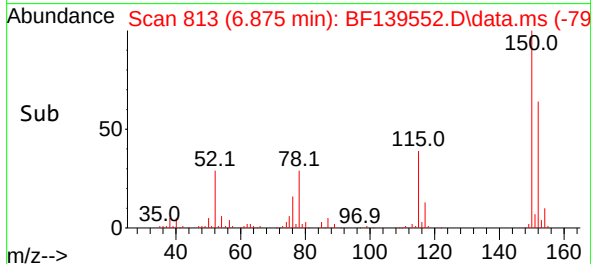
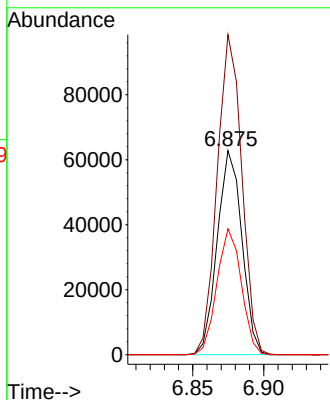


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB163677BL

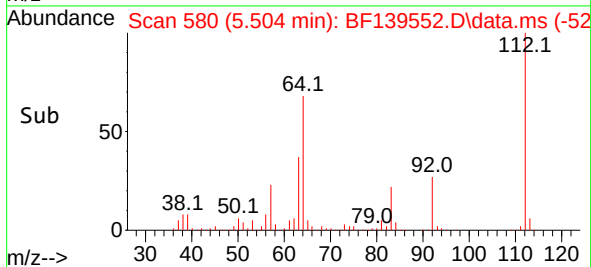
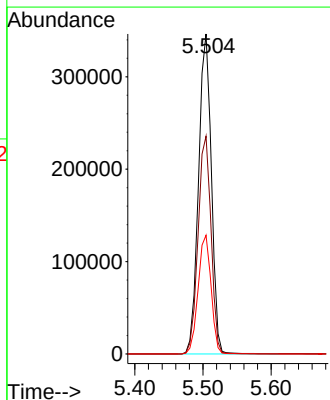
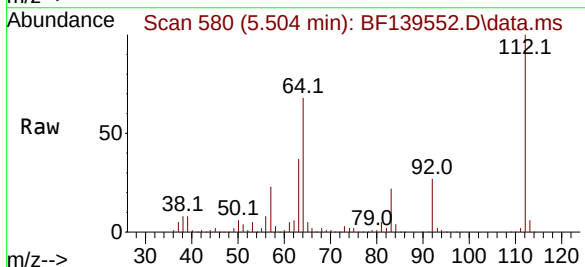


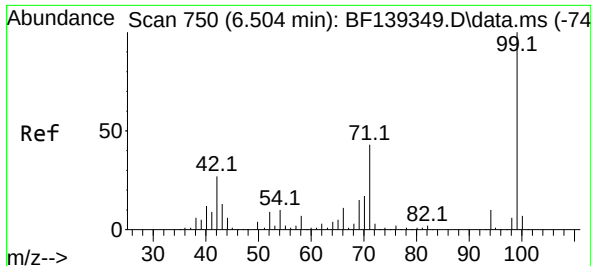
Tgt Ion:152 Resp: 75782  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.1 186.1  
115 61.7 48.1 72.1



#5  
2-Fluorophenol  
Concen: 97.670 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.011 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

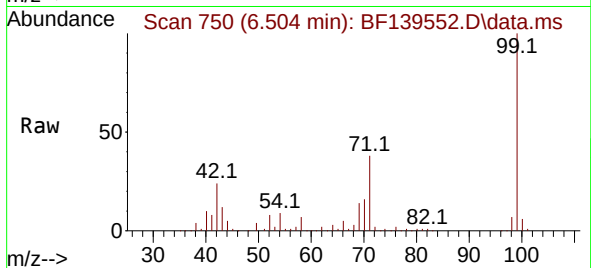
Tgt Ion:112 Resp: 453714  
Ion Ratio Lower Upper  
112 100  
64 68.1 54.8 82.2  
63 37.1 33.0 49.4



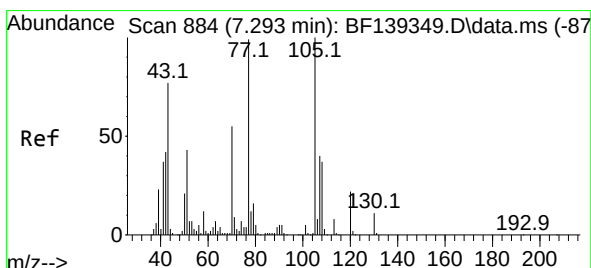
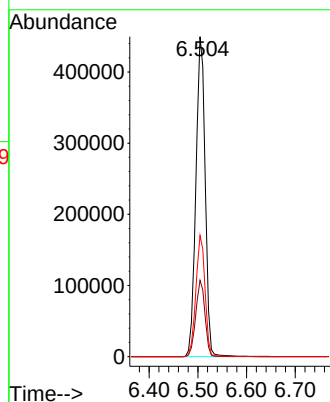
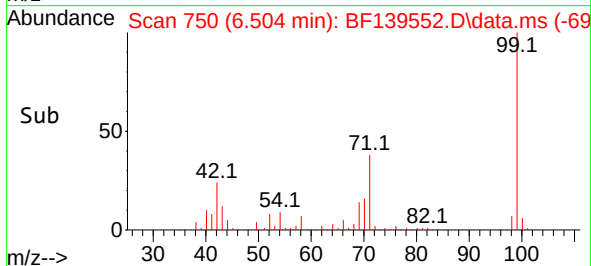


#7  
Phenol-d6  
Concen: 98.857 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

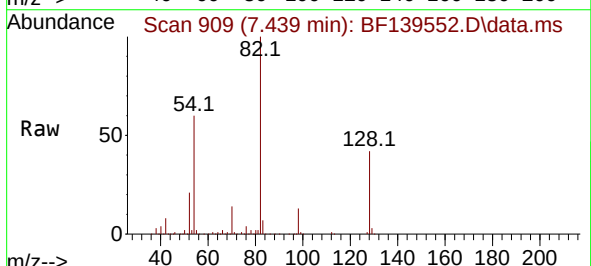
Instrument :  
BNA\_F  
ClientSampleId :  
PB163677BL



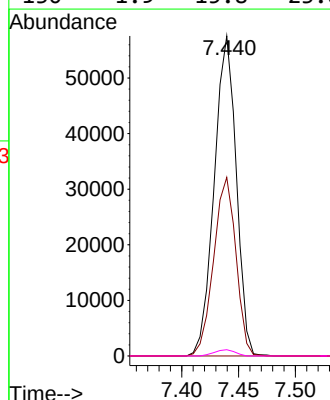
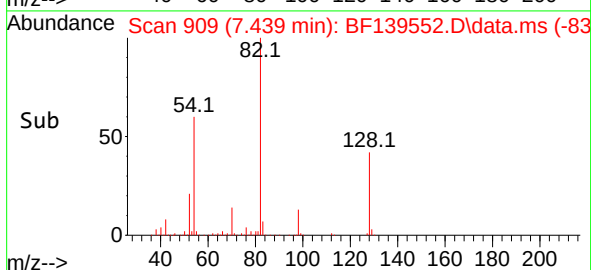
Tgt Ion: 99 Resp: 602768  
Ion Ratio Lower Upper  
99 100  
42 23.8 21.9 32.9  
71 37.9 34.6 52.0

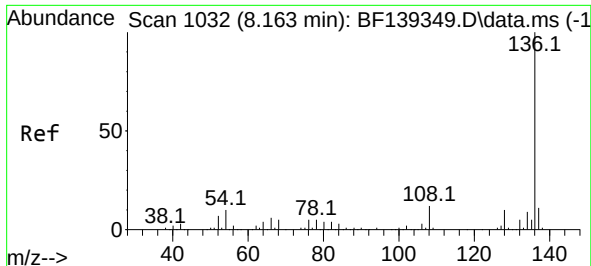


#19  
n-Nitroso-di-n-propylamine  
Concen: 21.491 ng  
RT: 7.439 min Scan# 909  
Delta R.T. 0.147 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25



Tgt Ion: 70 Resp: 77651  
Ion Ratio Lower Upper  
70 100  
42 55.8 61.2 91.8#  
101 0.0 7.5 11.3#  
130 1.9 15.8 23.8#

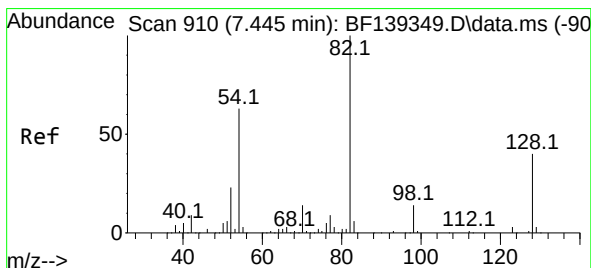
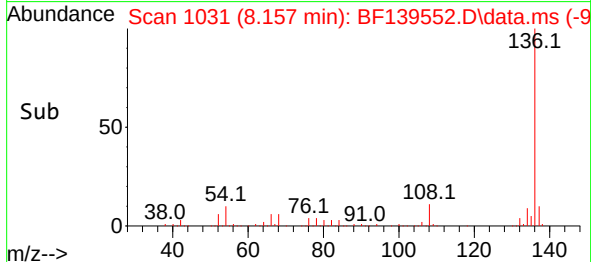
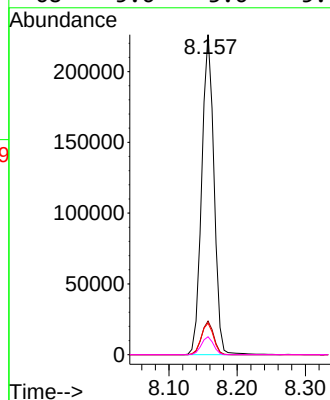
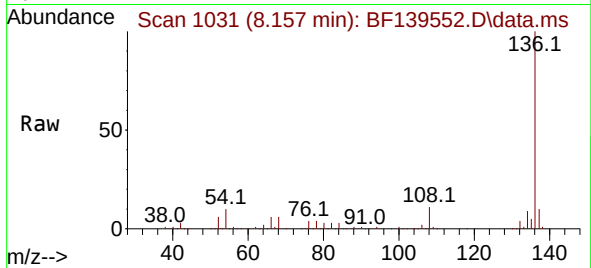




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

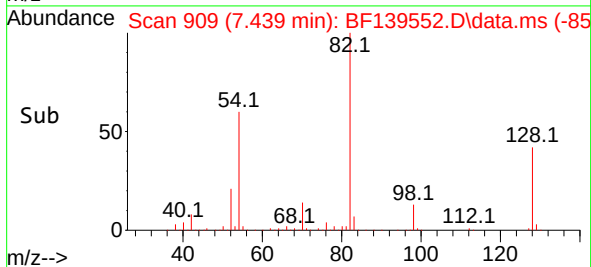
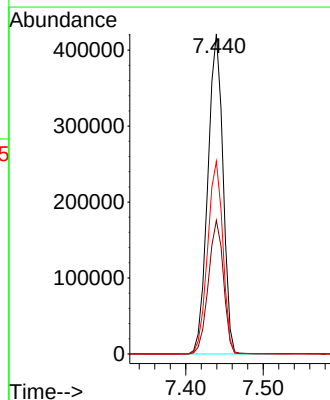
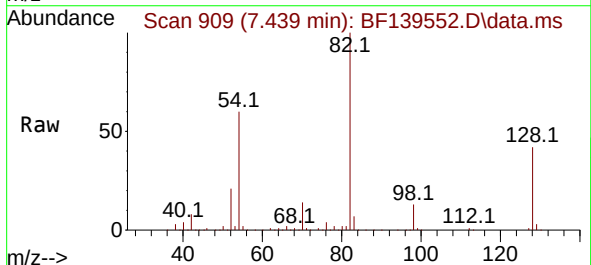
Instrument :  
BNA\_F  
ClientSampleId :  
PB163677BL

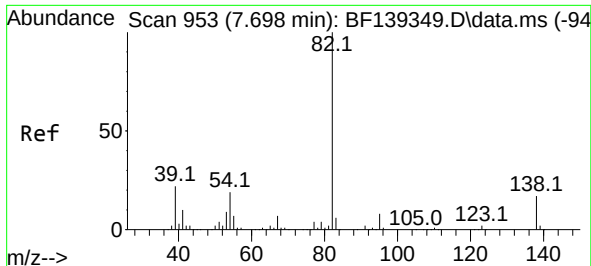
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 282535 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.6   | 12.8   |
| 54        | 9.9   | 7.8   | 11.8   |
| 68        | 5.6   | 3.6   | 5.4    |



#23  
Nitrobenzene-d5  
Concen: 95.403 ng  
RT: 7.439 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 573363 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.8  | 31.8  | 47.6   |
| 54        | 60.2  | 50.6  | 75.8   |

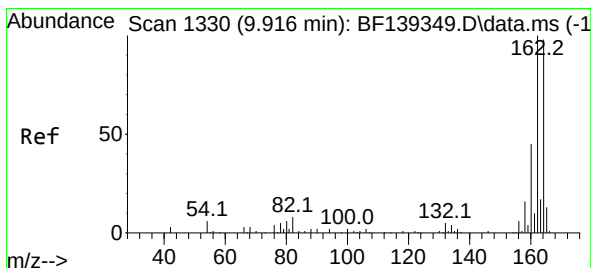
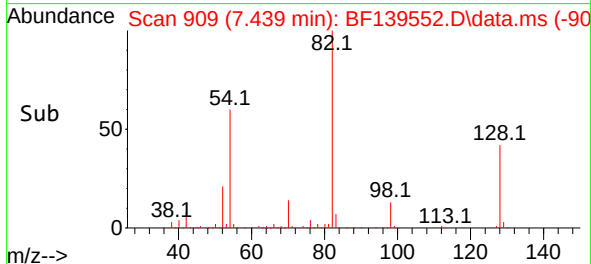
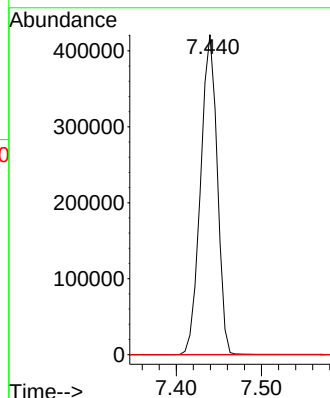
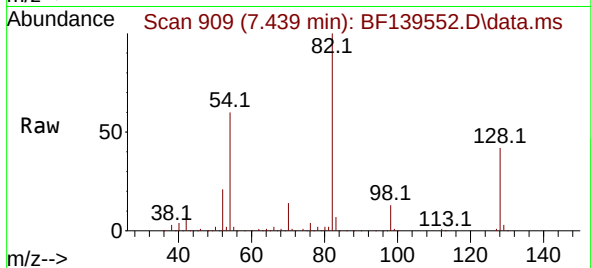




#25  
Isophorone  
Concen: 60.049 ng  
RT: 7.439 min Scan# 90  
Delta R.T. -0.259 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

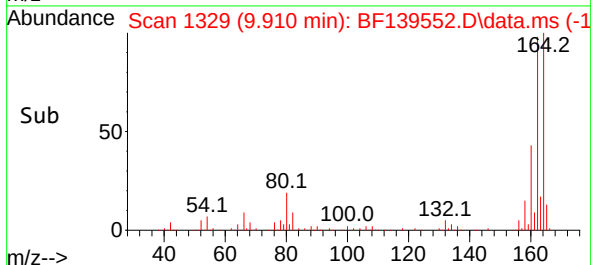
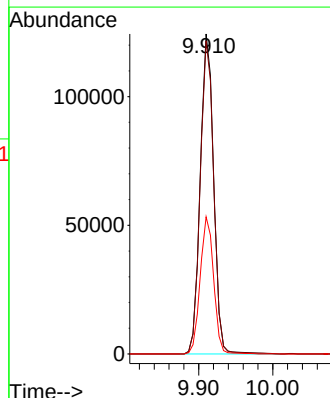
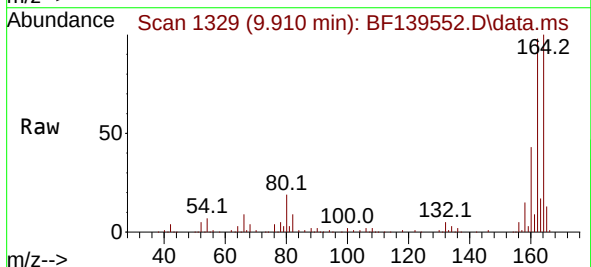
Instrument :  
BNA\_F  
ClientSampleId :  
PB163677BL

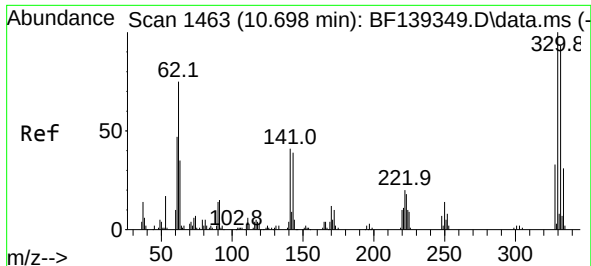
Tgt Ion: 82 Resp: 570754  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.7 10.1#  
138 0.0 13.3 19.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

Tgt Ion:164 Resp: 155940  
Ion Ratio Lower Upper  
164 100  
162 97.9 81.3 121.9  
160 42.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 85.764 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139552.D

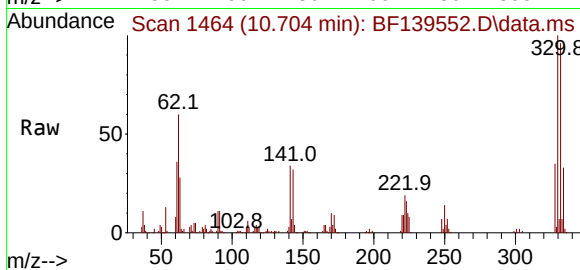
Acq: 26 Sep 2024 17:25

Instrument :

BNA\_F

ClientSampleId :

PB163677BL



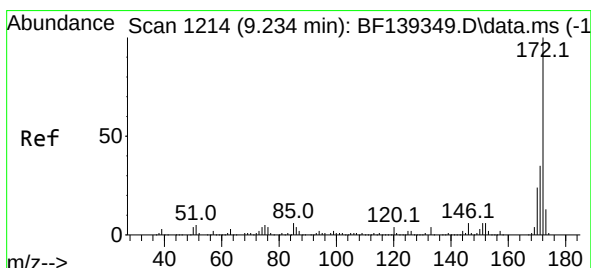
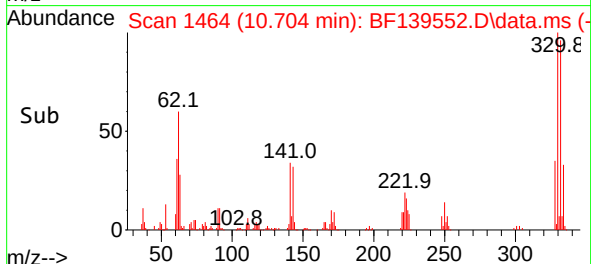
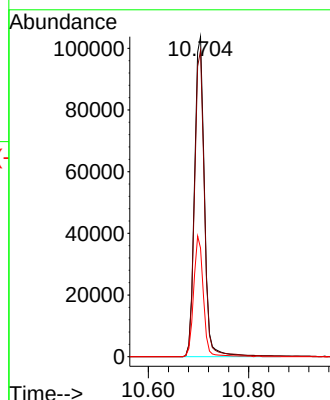
Tgt Ion:330 Resp: 142383

Ion Ratio Lower Upper

330 100

332 95.7 75.2 112.8

141 36.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 92.464 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139552.D

Acq: 26 Sep 2024 17:25

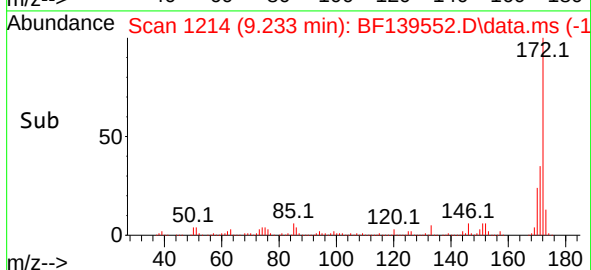
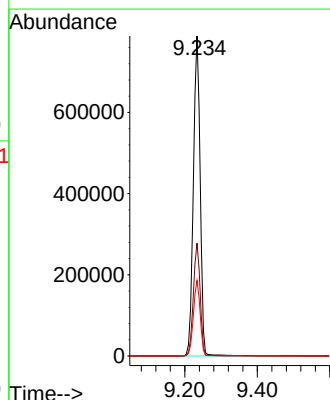
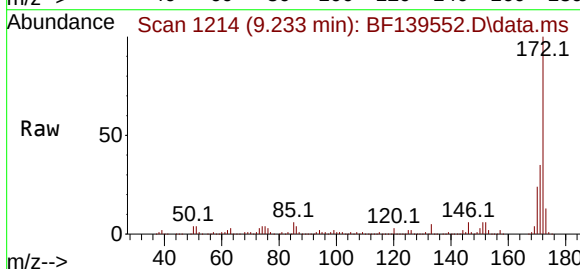
Tgt Ion:172 Resp: 1028062

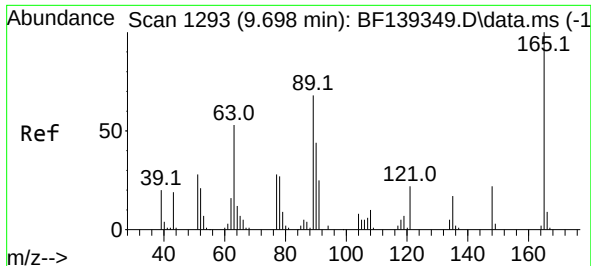
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.0 28.6

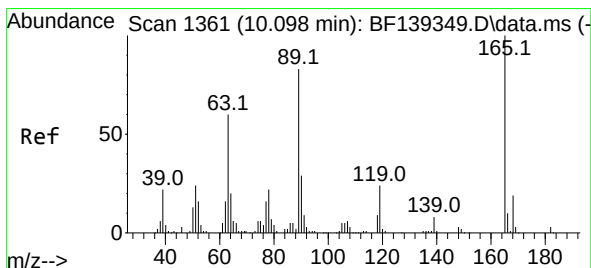
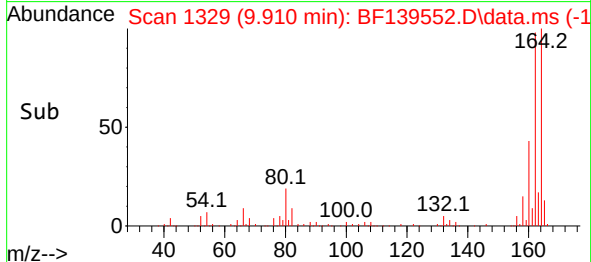
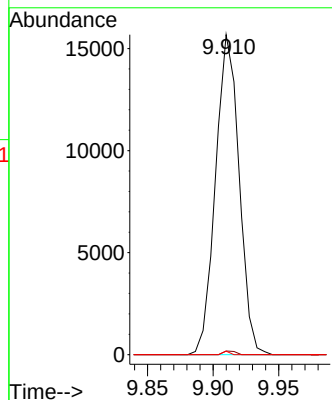
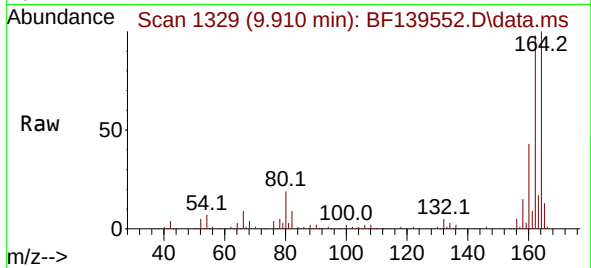




#51  
2,6-Dinitrotoluene  
Concen: 8.637 ng  
RT: 9.910 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

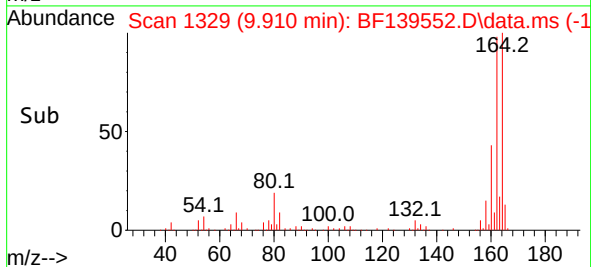
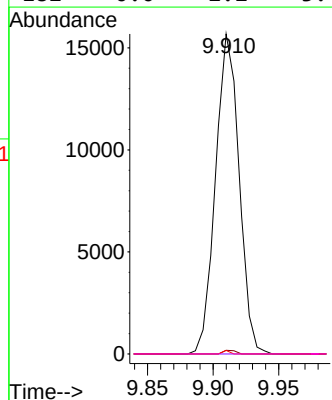
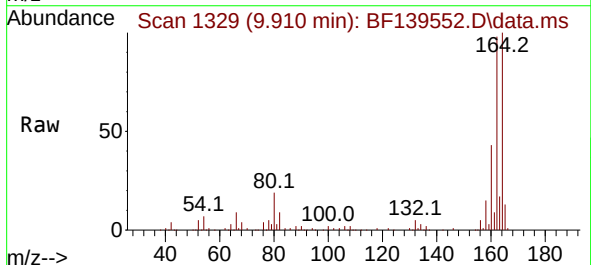
Instrument :  
BNA\_F  
ClientSampleId :  
PB163677BL

Tgt Ion:165 Resp: 19583  
Ion Ratio Lower Upper  
165 100  
63 1.1 60.9 91.3#  
89 1.1 54.7 82.1#

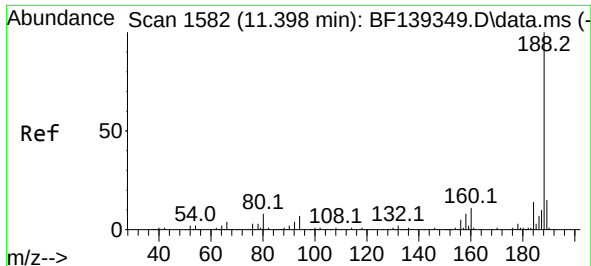


#57  
2,4-Dinitrotoluene  
Concen: 6.397 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.188 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

Tgt Ion:165 Resp: 19583  
Ion Ratio Lower Upper  
165 100  
63 1.1 47.8 71.6#  
89 1.1 66.7 100.1#  
182 0.0 2.2 3.4#



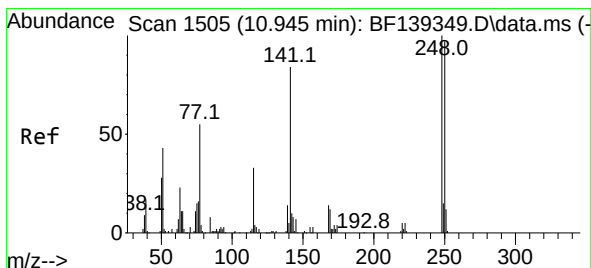
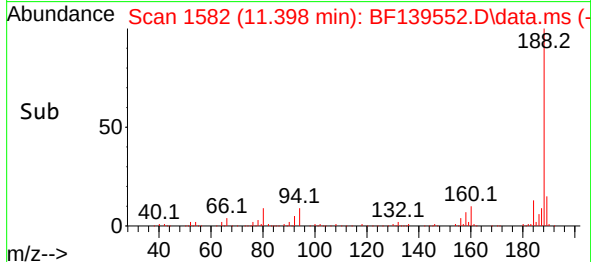
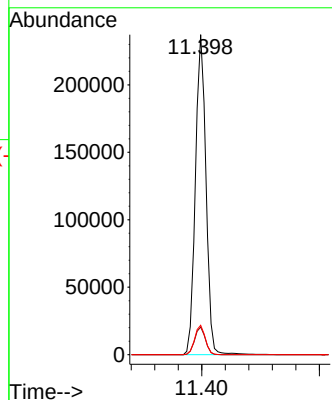
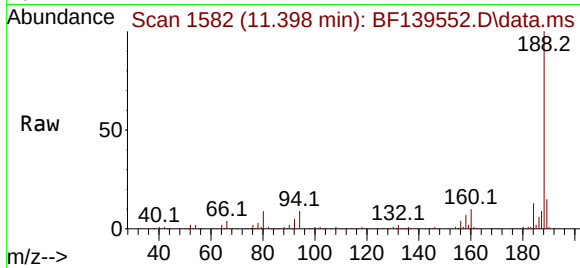




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

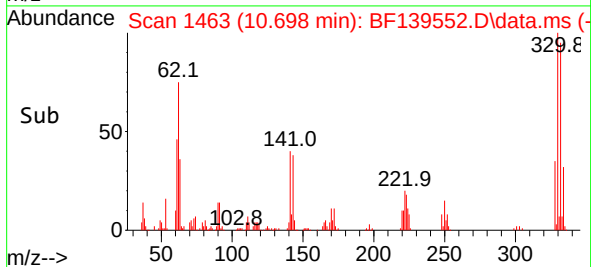
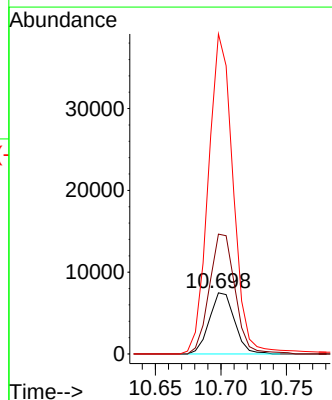
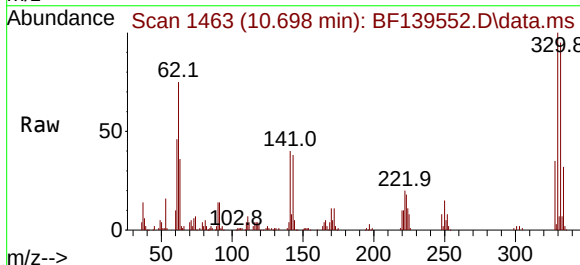
Instrument :  
BNA\_F  
ClientSampleId :  
PB163677BL

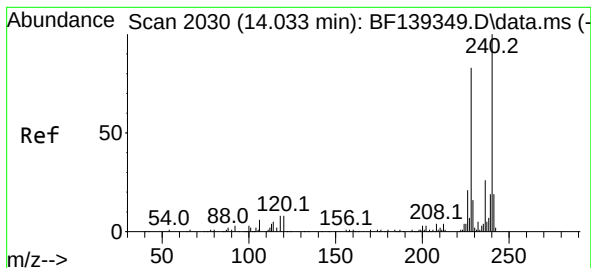
Tgt Ion:188 Resp: 296134  
Ion Ratio Lower Upper  
188 100  
94 8.6 5.5 8.3#  
80 9.2 6.6 9.8



#67  
4-Bromophenyl-phenylether  
Concen: 3.401 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.247 min  
Lab File: BF139552.D  
Acq: 26 Sep 2024 17:25

Tgt Ion:248 Resp: 9980  
Ion Ratio Lower Upper  
248 100  
250 196.1 77.6 116.4#  
141 523.7 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139552.D

Acq: 26 Sep 2024 17:25

Instrument :

BNA\_F

ClientSampleId :

PB163677BL

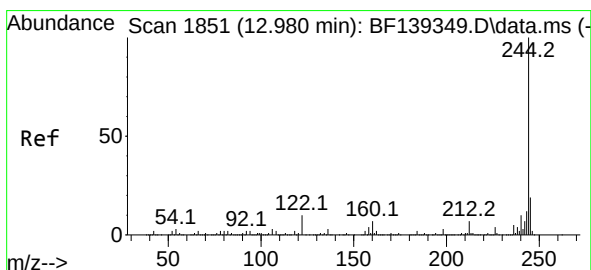
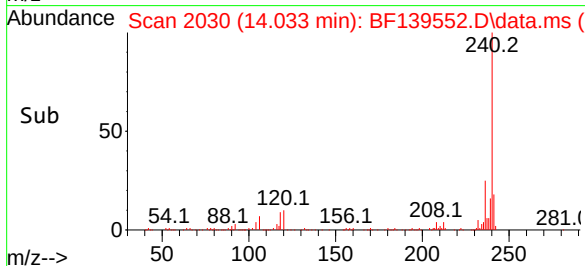
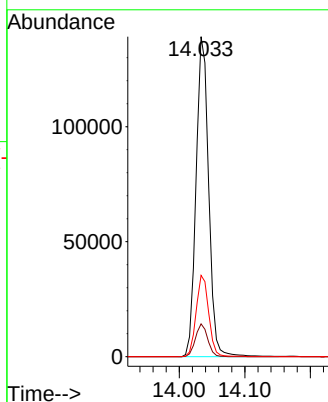
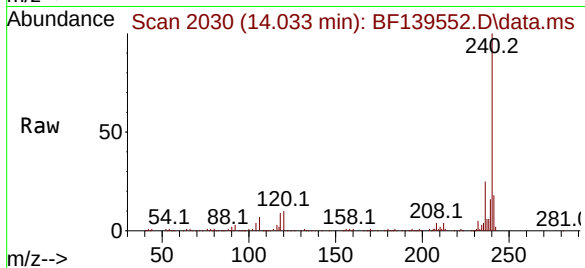
Tgt Ion:240 Resp: 186522

Ion Ratio Lower Upper

240 100

120 10.3 6.2 9.2#

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 101.229 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF139552.D

Acq: 26 Sep 2024 17:25

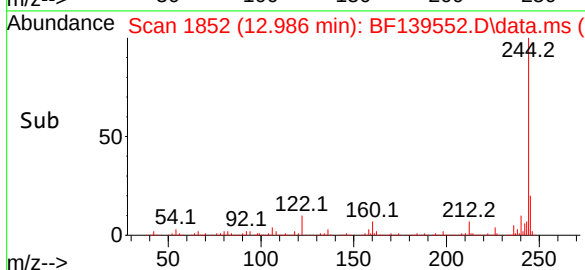
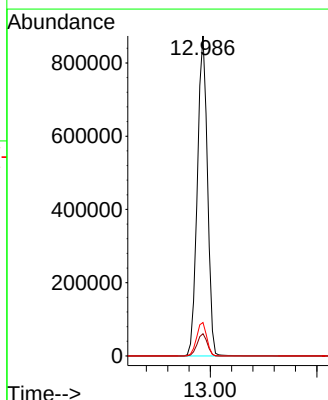
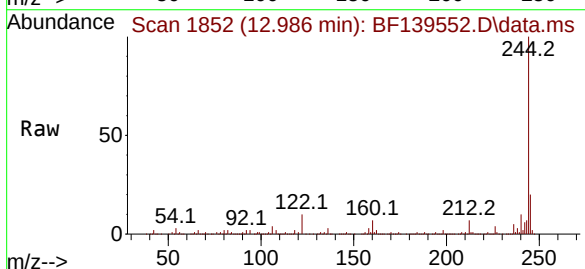
Tgt Ion:244 Resp: 1150331

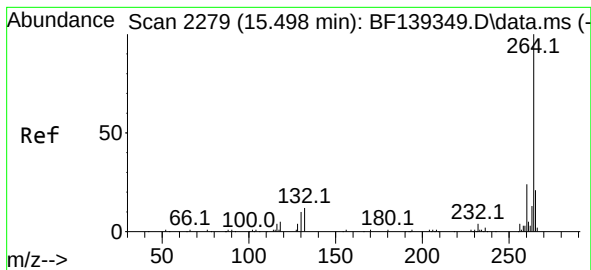
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.4 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139552.D

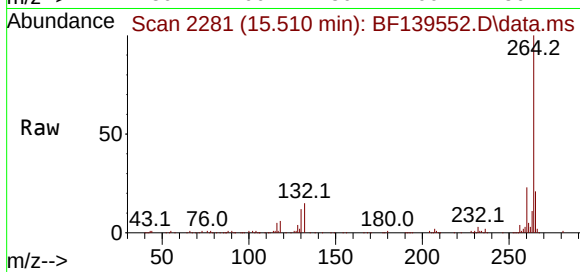
Acq: 26 Sep 2024 17:25

Instrument :

BNA\_F

ClientSampleId :

PB163677BL



Tgt Ion:264 Resp: 150030

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 20.9 16.6 25.0

