

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090524\  
 Data File : BF139251.D  
 Acq On : 05 Sep 2024 09:36  
 Operator : RC/JU  
 Sample : PB163109BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163109BL

Quant Time: Sep 05 10:48:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 16:11:43 2024  
 Response via : Initial Calibration

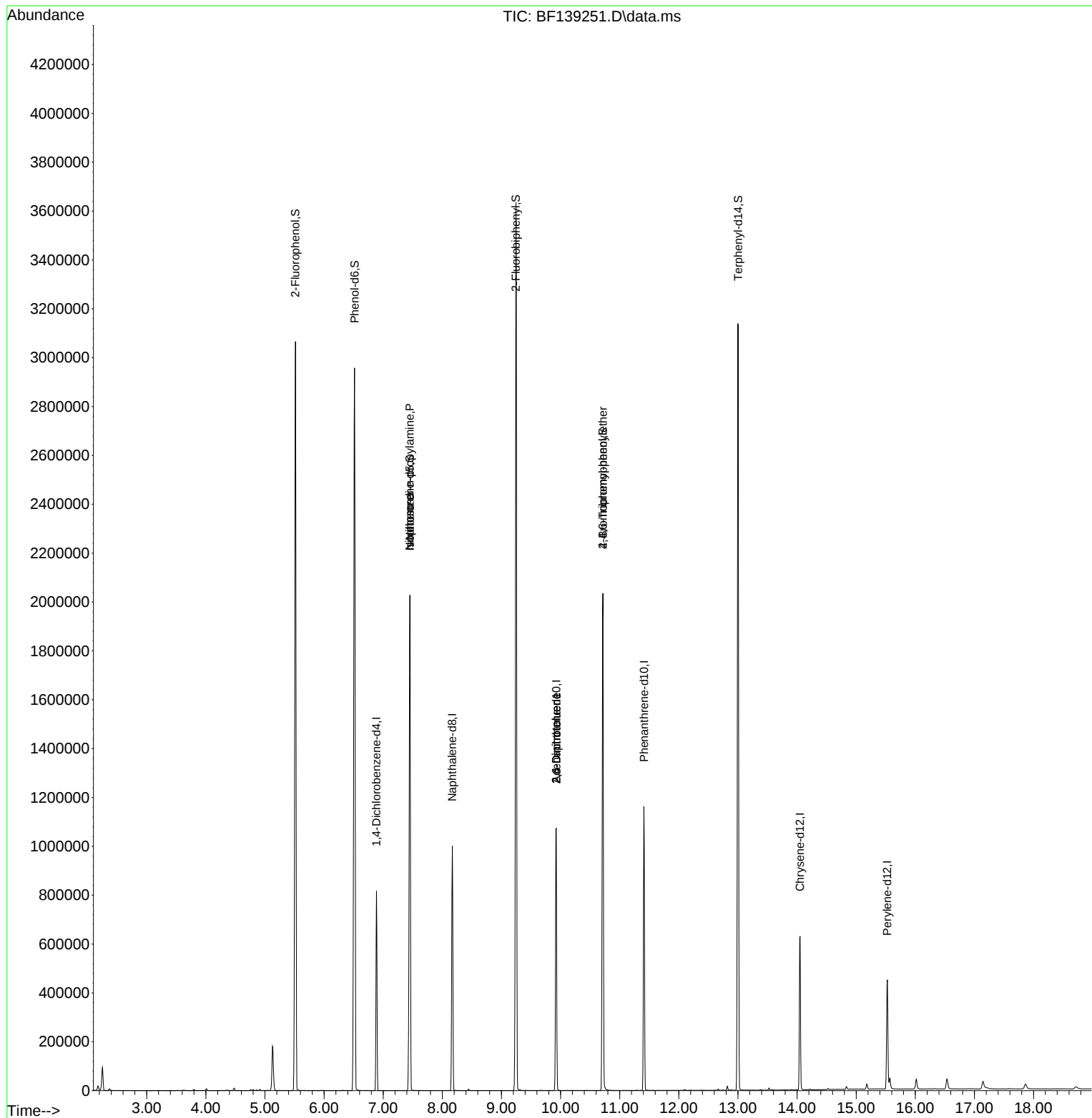
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 158396   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 595772   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 327514   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 600736   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 307864   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 269004   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1121352  | 118.429 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.516  | 99   | 1470520  | 116.336 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 942270   | 82.279  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 320434   | 113.302 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1659055  | 78.195  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1619217  | 84.919  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 130162   | 17.879  | ng    | # 75     |
| 25) Isophorone                | 7.451  | 82   | 939077   | 47.963  | ng    | # 67     |
| 51) 2,6-Dinitrotoluene        | 9.928  | 165  | 42955    | 9.538   | ng    | # 18     |
| 57) 2,4-Dinitrotoluene        | 9.928  | 165  | 42955    | 7.494   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 22208    | 3.810   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

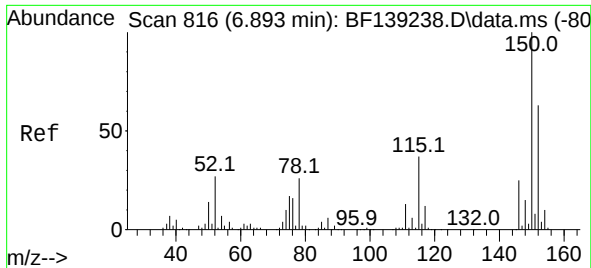
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090524\  
Data File : BF139251.D  
Acq On : 05 Sep 2024 09:36  
Operator : RC/JU  
Sample : PB163109BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB163109BL

Quant Time: Sep 05 10:48:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 04 16:11:43 2024  
Response via : Initial Calibration

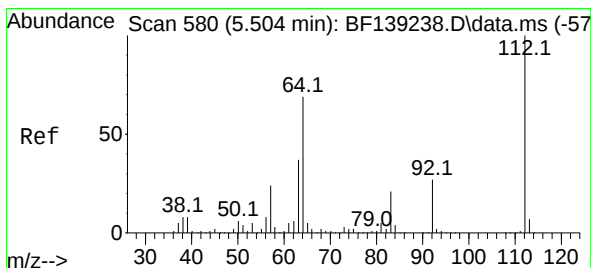
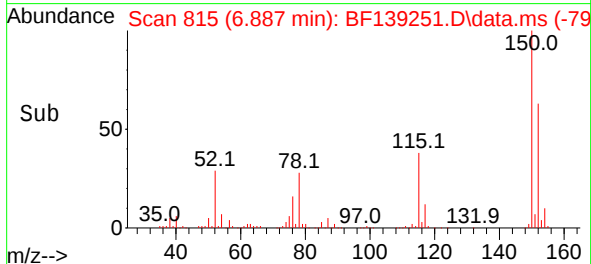
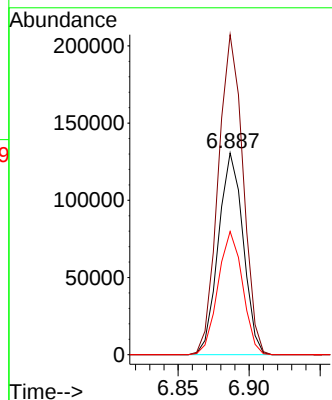
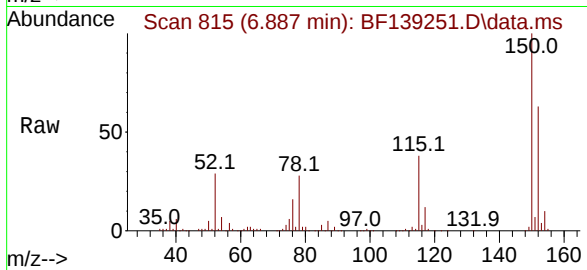




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

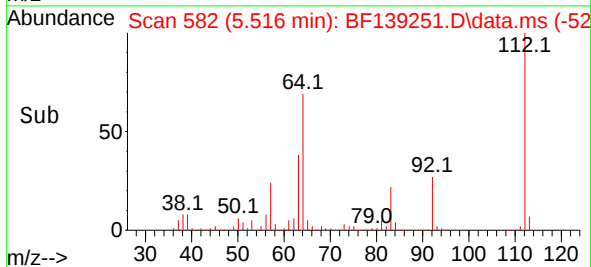
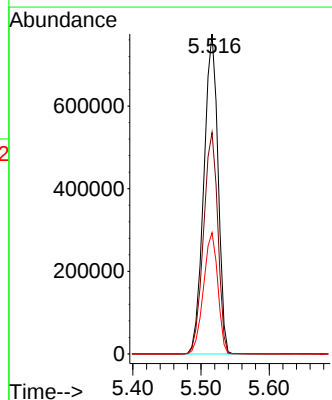
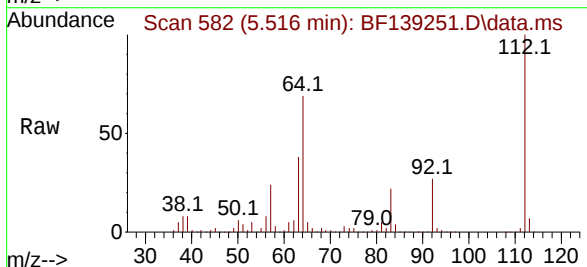
Instrument :  
BNA\_F  
ClientSampleId :  
PB163109BL

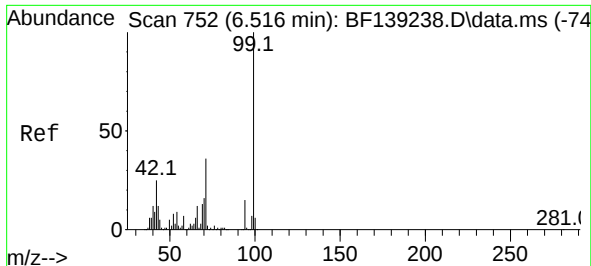
Tgt Ion:152 Resp: 158396  
Ion Ratio Lower Upper  
152 100  
150 158.6 127.0 190.4  
115 61.0 46.9 70.3



#5  
2-Fluorophenol  
Concen: 118.429 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.012 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

Tgt Ion:112 Resp: 1121352  
Ion Ratio Lower Upper  
112 100  
64 69.2 55.0 82.4  
63 37.9 29.9 44.9

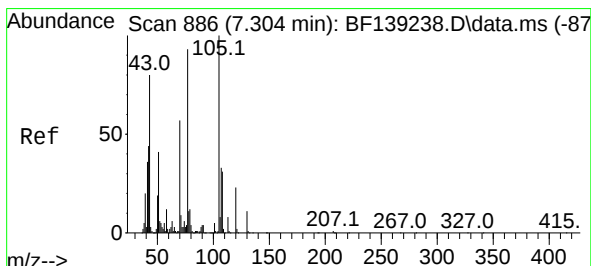
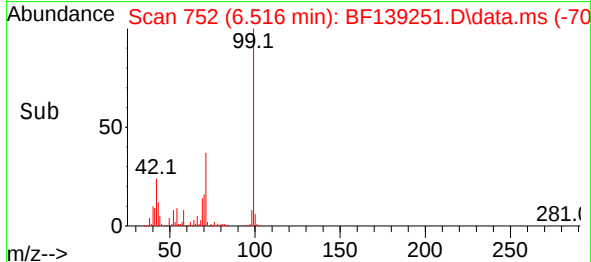
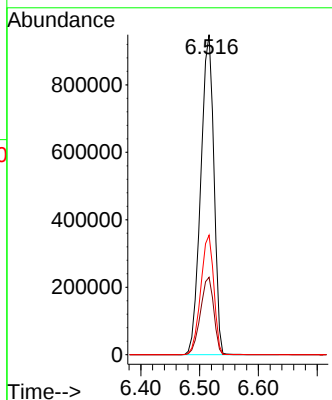
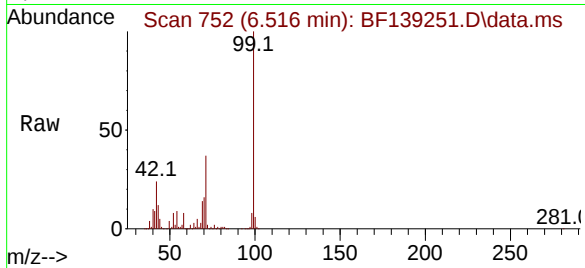




#7  
Phenol-d6  
Concen: 116.336 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

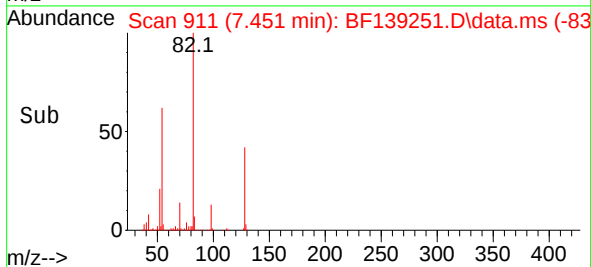
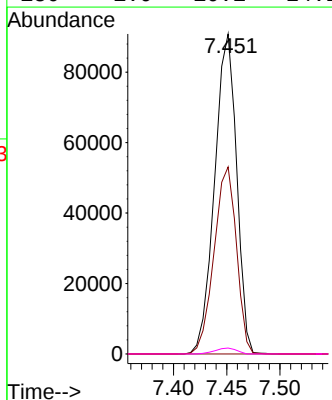
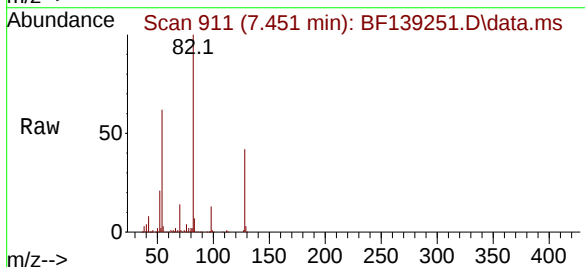
Instrument :  
BNA\_F  
ClientSampleId :  
PB163109BL

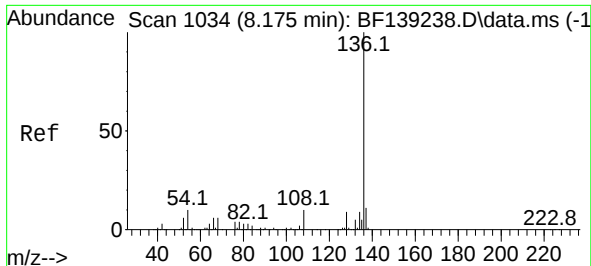
Tgt Ion: 99 Resp: 1470520  
Ion Ratio Lower Upper  
99 100  
42 24.2 19.8 29.6  
71 37.3 28.8 43.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.879 ng  
RT: 7.451 min Scan# 911  
Delta R.T. 0.147 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

Tgt Ion: 70 Resp: 130162  
Ion Ratio Lower Upper  
70 100  
42 58.4 61.0 91.6#  
101 0.0 7.2 10.8#  
130 1.9 16.1 24.1#

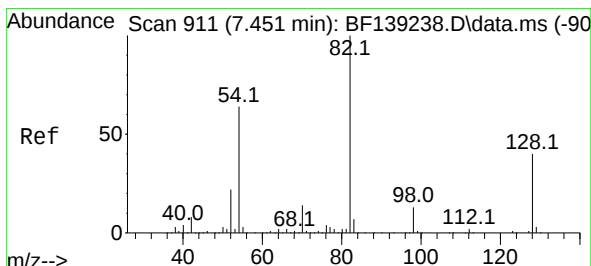
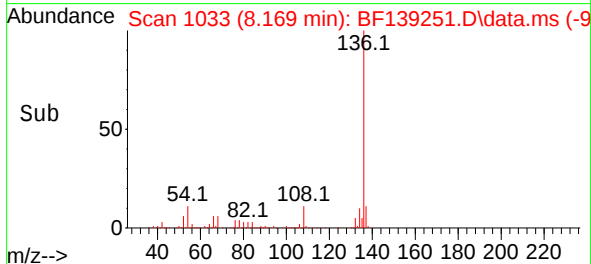
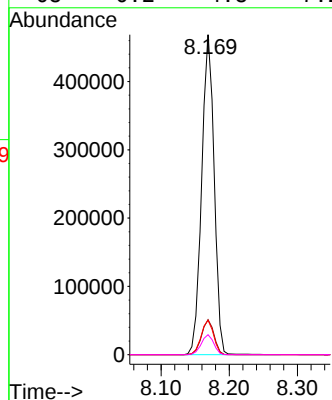
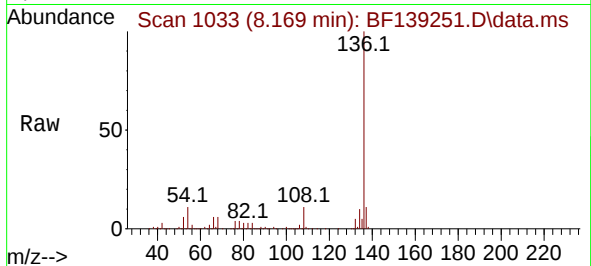




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

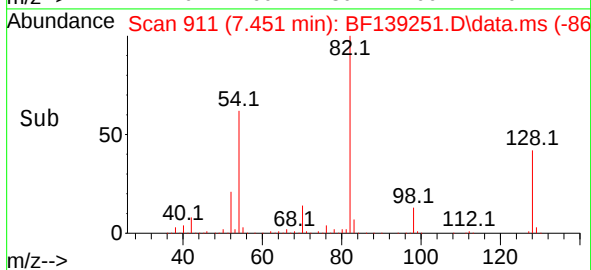
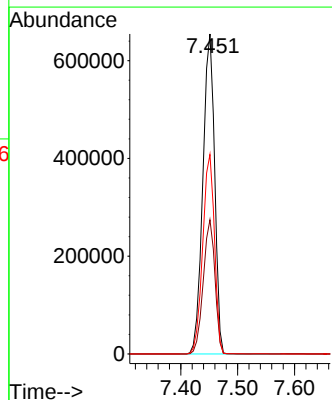
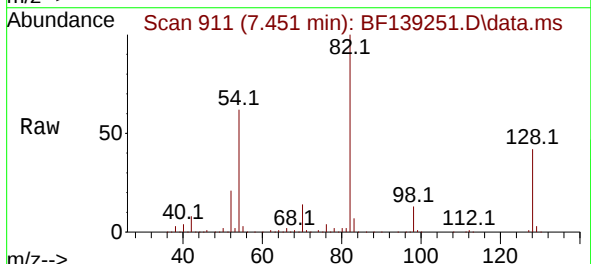
Instrument :  
BNA\_F  
ClientSampleId :  
PB163109BL

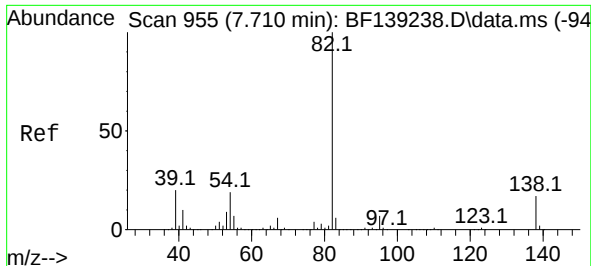
Tgt Ion:136 Resp: 595772  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 10.7 8.4 12.6  
68 6.2 4.8 7.2



#23  
Nitrobenzene-d5  
Concen: 82.279 ng  
RT: 7.451 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

Tgt Ion: 82 Resp: 942270  
Ion Ratio Lower Upper  
82 100  
128 42.0 32.3 48.5  
54 62.3 51.2 76.8

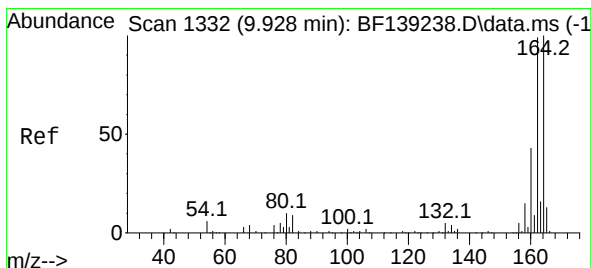
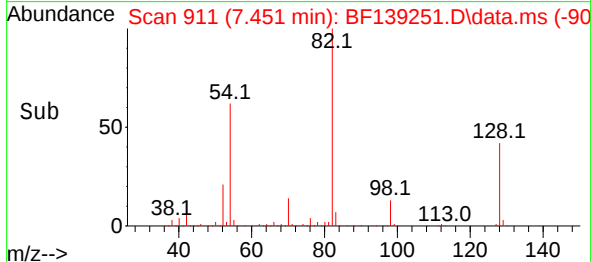
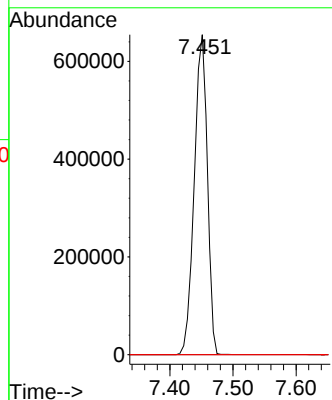
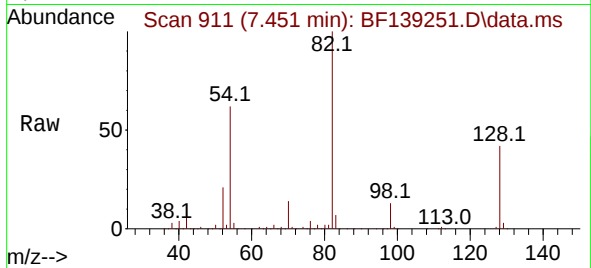




#25  
Isophorone  
Concen: 47.963 ng  
RT: 7.451 min Scan# 911  
Delta R.T. -0.259 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

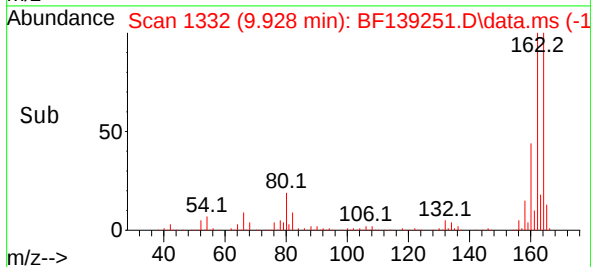
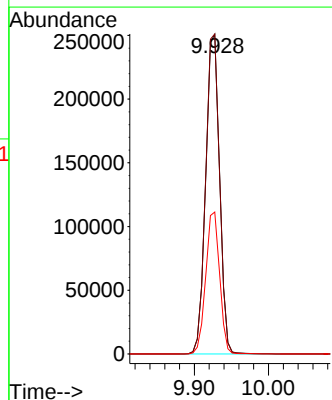
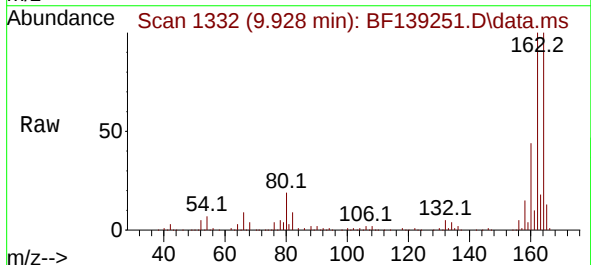
Instrument :  
BNA\_F  
ClientSampleId :  
PB163109BL

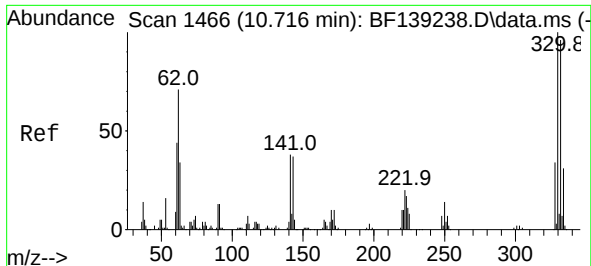
Tgt Ion: 82 Resp: 939077  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 13.4 20.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1332  
Delta R.T. -0.000 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

Tgt Ion:164 Resp: 327514  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.2 118.8  
160 44.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 113.302 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139251.D

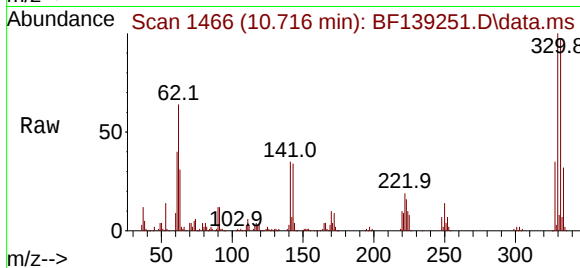
Acq: 05 Sep 2024 09:36

Instrument :

BNA\_F

ClientSampleId :

PB163109BL



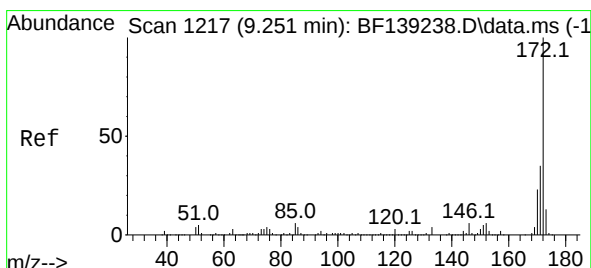
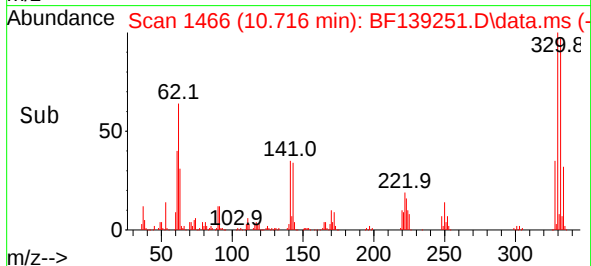
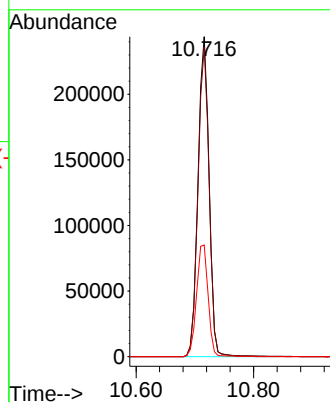
Tgt Ion:330 Resp: 320434

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 36.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.195 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139251.D

Acq: 05 Sep 2024 09:36

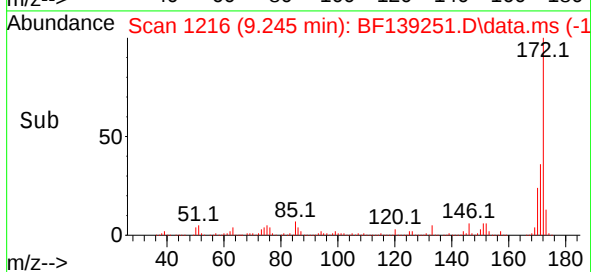
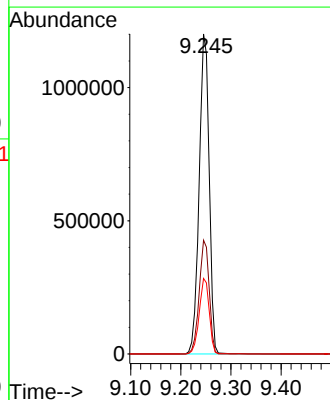
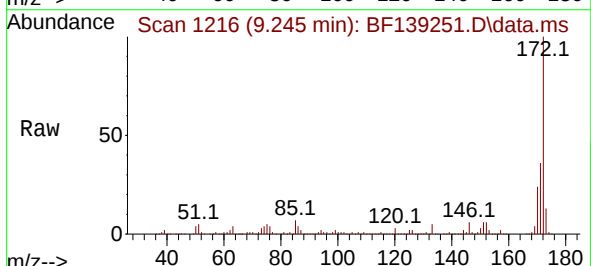
Tgt Ion:172 Resp: 1659055

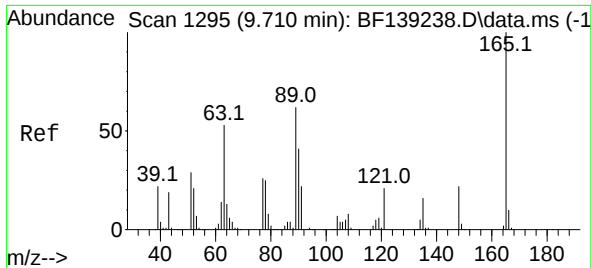
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 18.7 28.1

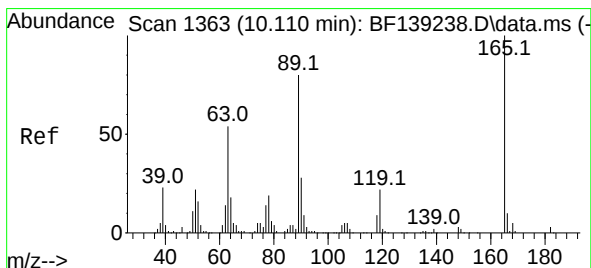
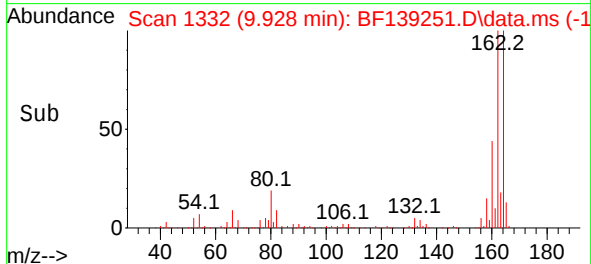
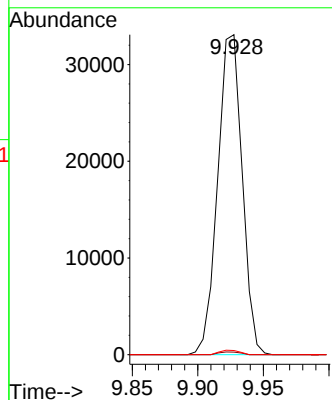
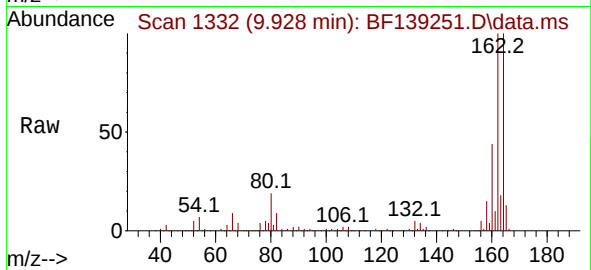




#51  
2,6-Dinitrotoluene  
Concen: 9.538 ng  
RT: 9.928 min Scan# 1332  
Delta R.T. 0.217 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

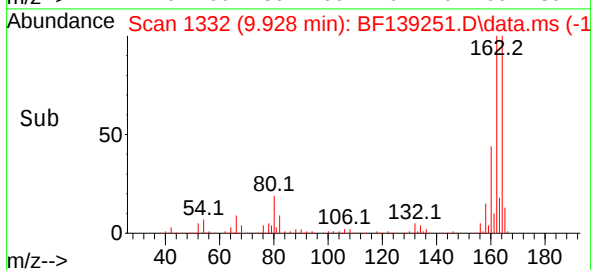
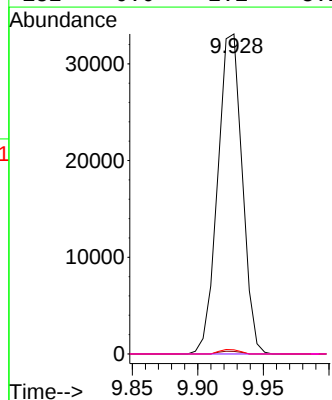
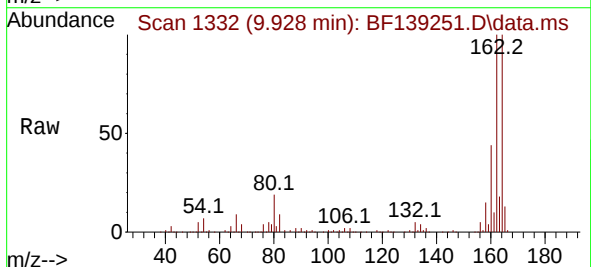
Instrument :  
BNA\_F  
ClientSampleId :  
PB163109BL

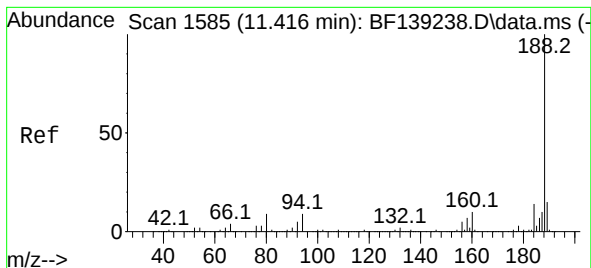
Tgt Ion:165 Resp: 42955  
Ion Ratio Lower Upper  
165 100  
63 0.8 56.1 84.1#  
89 1.3 49.7 74.5#



#57  
2,4-Dinitrotoluene  
Concen: 7.494 ng  
RT: 9.928 min Scan# 1332  
Delta R.T. -0.183 min  
Lab File: BF139251.D  
Acq: 05 Sep 2024 09:36

Tgt Ion:165 Resp: 42955  
Ion Ratio Lower Upper  
165 100  
63 0.8 43.4 65.0#  
89 1.3 64.2 96.4#  
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139251.D

Acq: 05 Sep 2024 09:36

Instrument :

BNA\_F

ClientSampleId :

PB163109BL

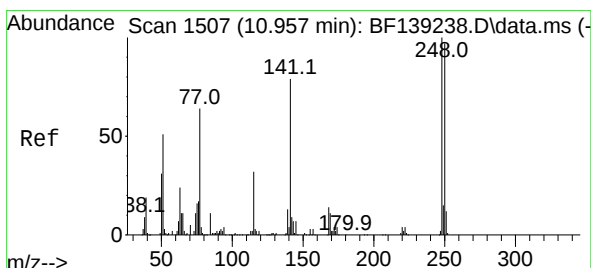
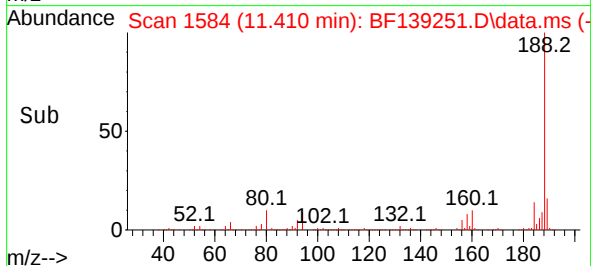
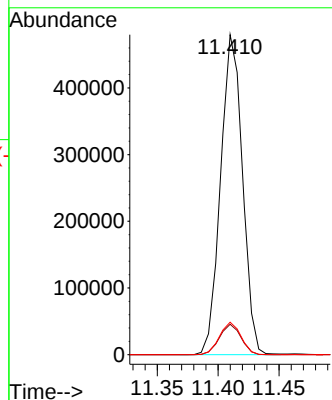
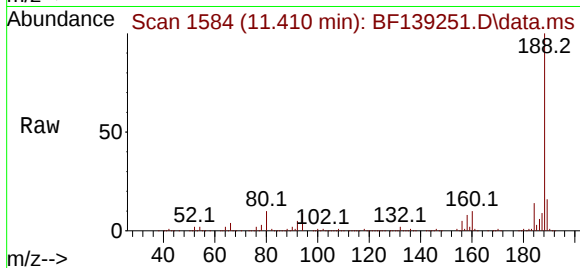
Tgt Ion:188 Resp: 600736

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.810 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139251.D

Acq: 05 Sep 2024 09:36

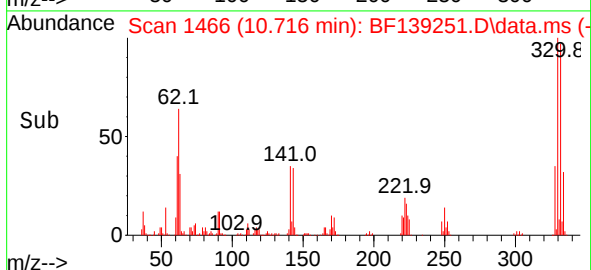
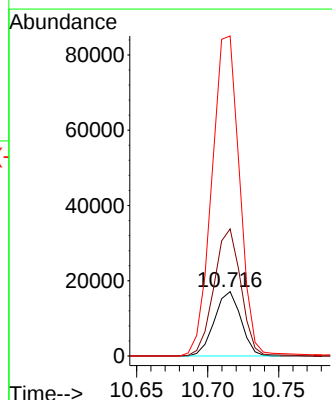
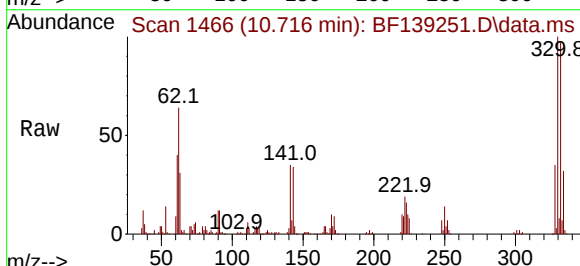
Tgt Ion:248 Resp: 22208

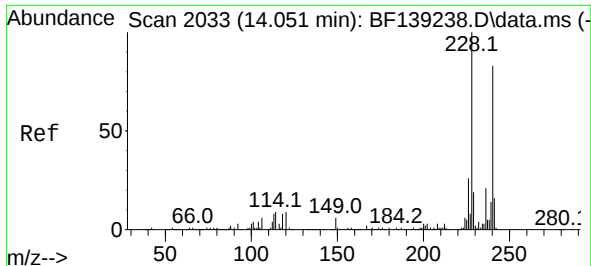
Ion Ratio Lower Upper

248 100

250 197.6 77.2 115.8#

141 497.6 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139251.D

Acq: 05 Sep 2024 09:36

Instrument :

BNA\_F

ClientSampleId :

PB163109BL

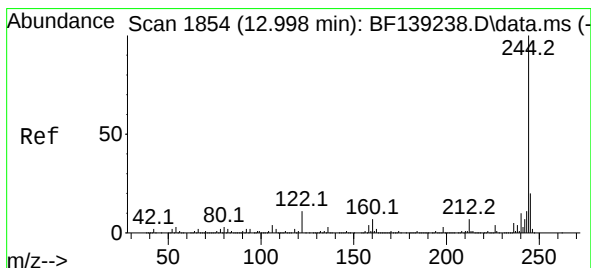
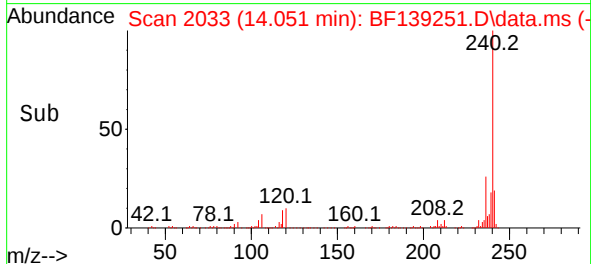
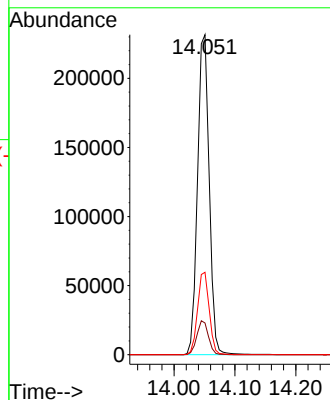
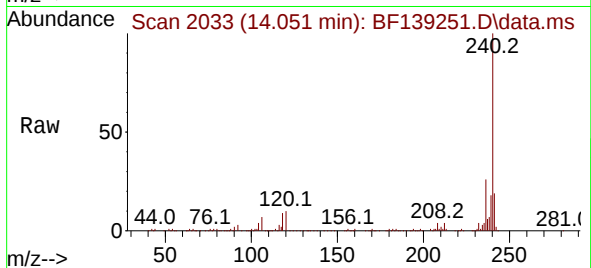
Tgt Ion:240 Resp: 307864

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 84.919 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139251.D

Acq: 05 Sep 2024 09:36

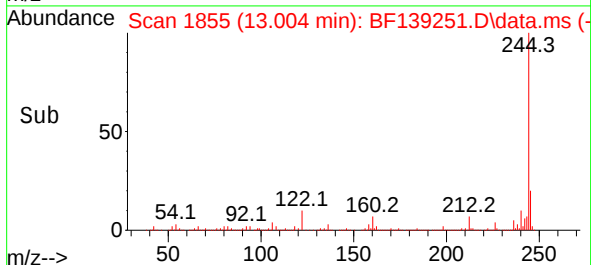
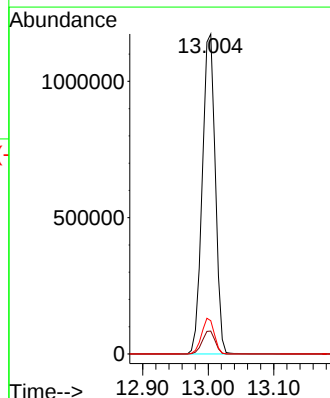
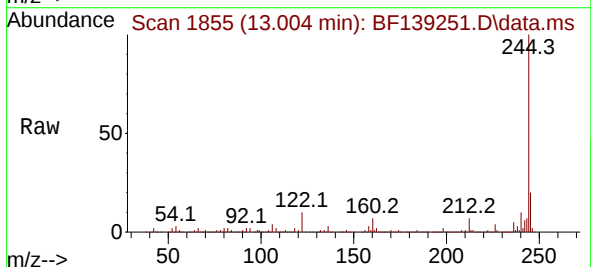
Tgt Ion:244 Resp: 1619217

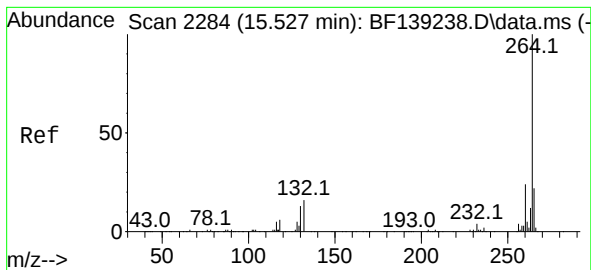
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.4 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139251.D

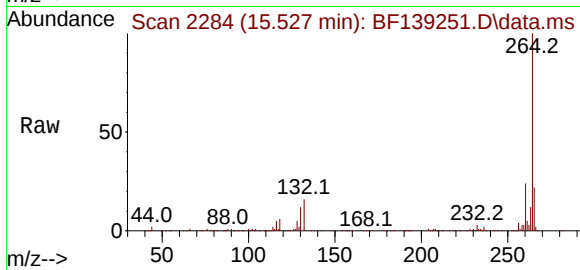
Acq: 05 Sep 2024 09:36

Instrument :

BNA\_F

ClientSampleId :

PB163109BL



Tgt Ion:264 Resp: 269004

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.7 17.3 25.9

