

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012524\  
 Data File : BF137153.D  
 Acq On : 25 Jan 2024 18:04  
 Operator : CG\JU  
 Sample : P1240-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 26 10:17:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 25 23:14:32 2024  
 Response via : Initial Calibration

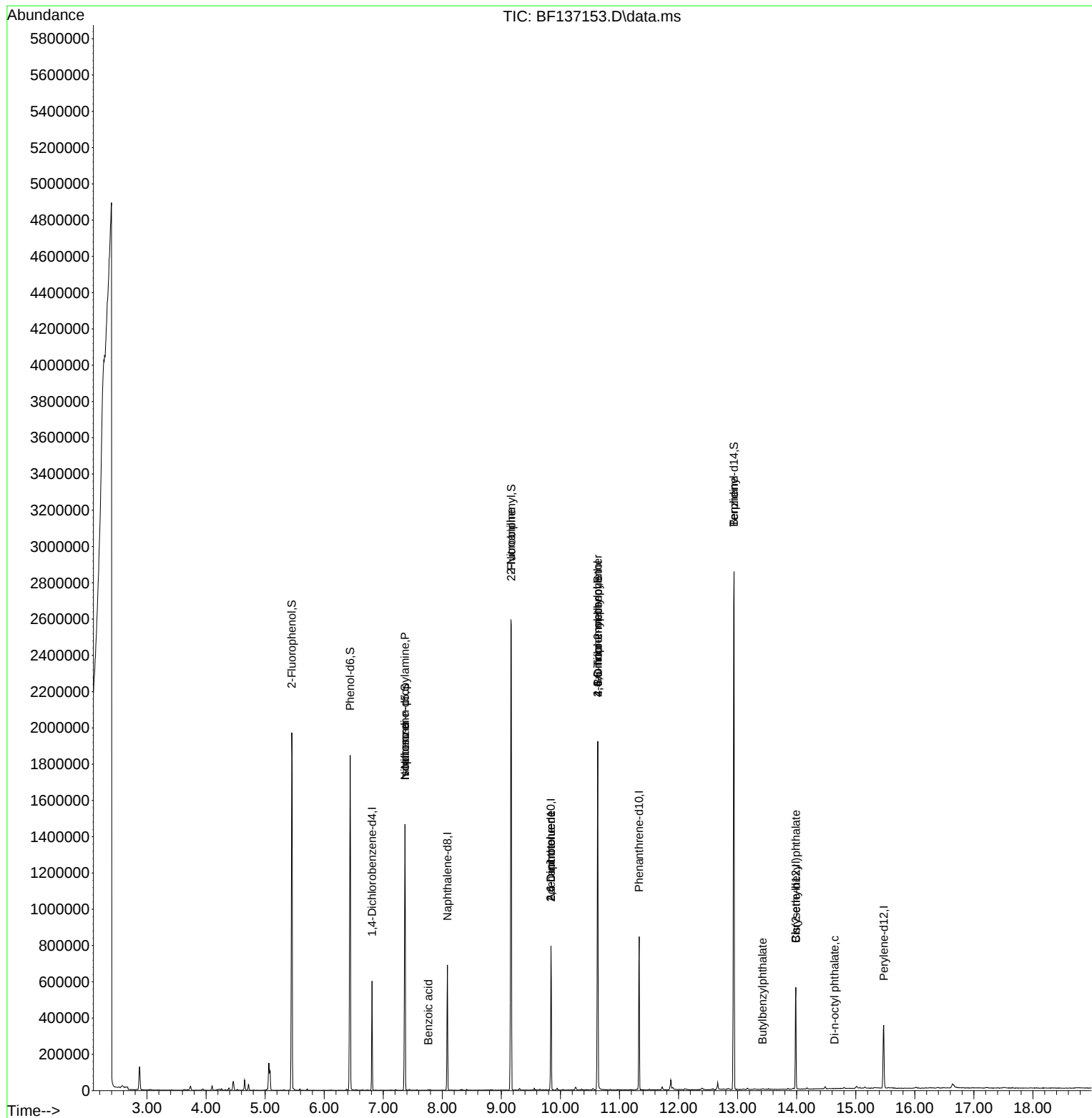
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 69015    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.086  | 136  | 266482   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.839  | 164  | 153087   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.333 | 188  | 297555   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 186184   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.474 | 264  | 172568   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 540784   | 116.089 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.439  | 99   | 655240   | 106.981 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 511138   | 89.917  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 220754   | 137.082 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 875786   | 79.644  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 1100654  | 84.535  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.369  | 70   | 69142    | 16.685  | ng    | # 79     |
| 25) Isophorone                | 7.369  | 82   | 511049   | 45.529  | ng    | # 70     |
| 32) Benzoic acid              | 7.763  | 122  | 335      | 8.079   | ng    | 93       |
| 48) 2-Nitroaniline            | 9.163  | 65   | 1790     | 4.686   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.839  | 165  | 19576    | 11.708  | ng    | # 13     |
| 57) 2,4-Dinitrotoluene        | 9.839  | 165  | 19576    | 11.043  | ng    | # 13     |
| 65) 4,6-Dinitro-2-methylph... | 10.633 | 198  | 455      | 8.528   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.633 | 248  | 14376    | 4.193   | ng    | # 1      |
| 77) Benzidine                 | 12.939 | 184  | 14164    | 3.923   | ng    | # 89     |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 600      | 4.211   | ng    | # 16     |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 988      | 6.435   | ng    | # 62     |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 55       | 8.791   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

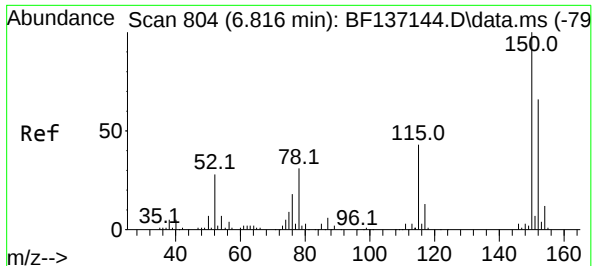
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012524\  
Data File : BF137153.D  
Acq On : 25 Jan 2024 18:04  
Operator : CG\JU  
Sample : P1240-03  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

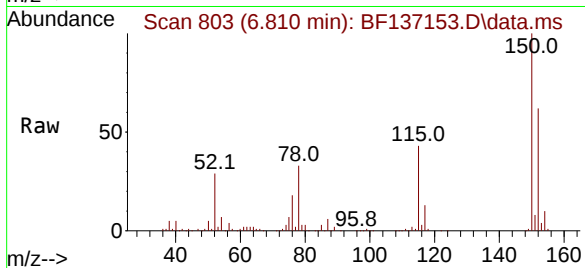
Quant Time: Jan 26 10:17:07 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 25 23:14:32 2024  
Response via : Initial Calibration



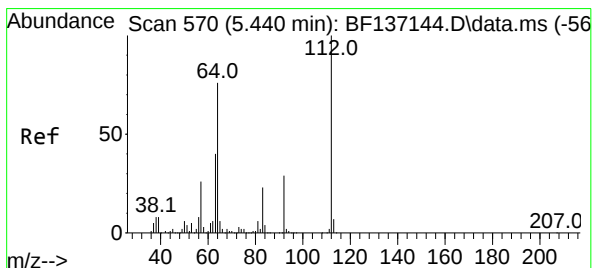
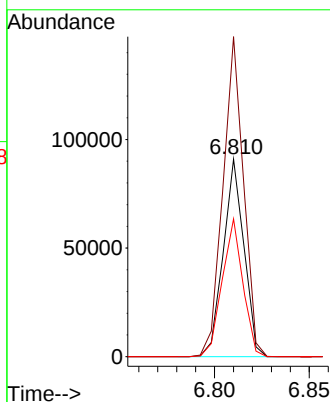
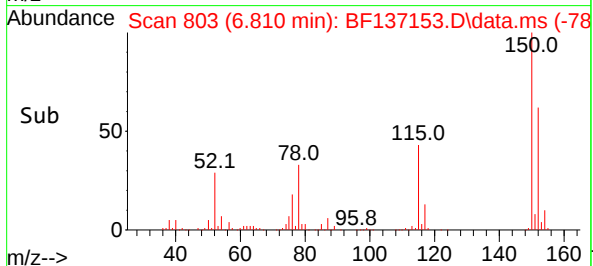


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

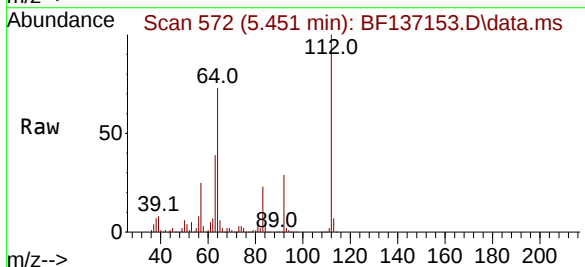
Instrument :  
BNA\_F  
ClientSampleId :



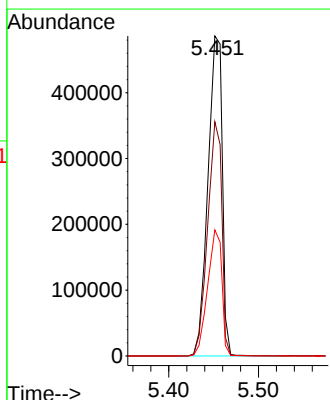
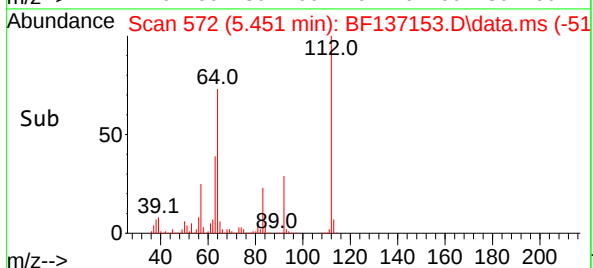
Tgt Ion:152 Resp: 69015  
Ion Ratio Lower Upper  
152 100  
150 161.9 121.2 181.8  
115 69.7 52.5 78.7

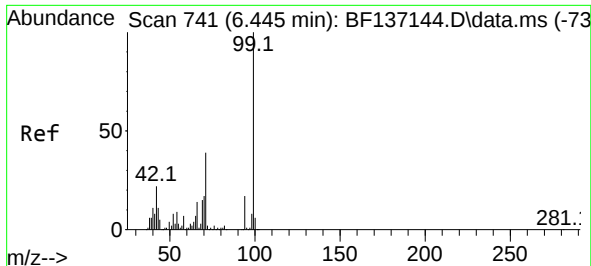


#5  
2-Fluorophenol  
Concen: 116.089 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.012 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04



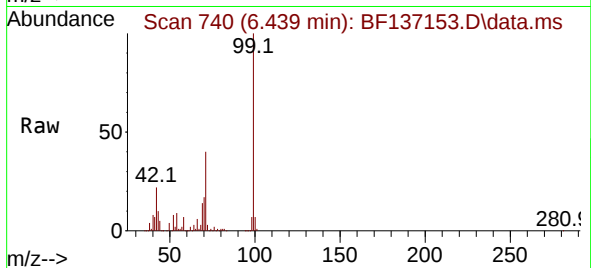
Tgt Ion:112 Resp: 540784  
Ion Ratio Lower Upper  
112 100  
64 73.2 60.8 91.2  
63 39.4 32.1 48.1



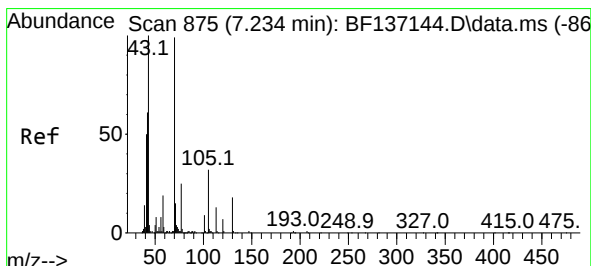
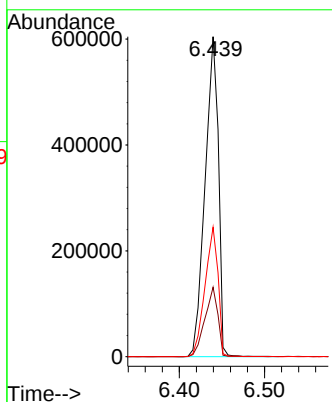
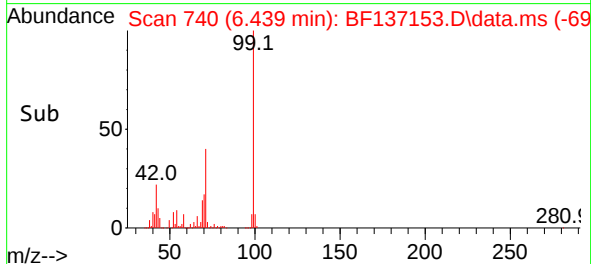


#7  
Phenol-d6  
Concen: 106.981 ng  
RT: 6.439 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

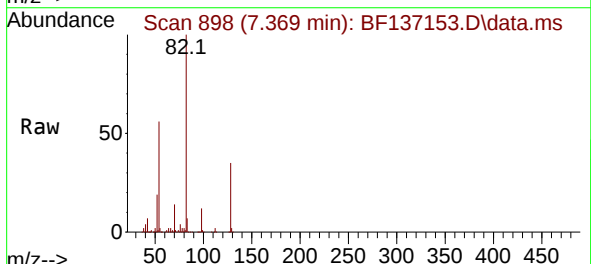
Instrument :  
BNA\_F  
ClientSampleId :



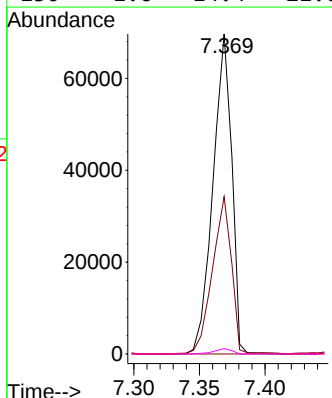
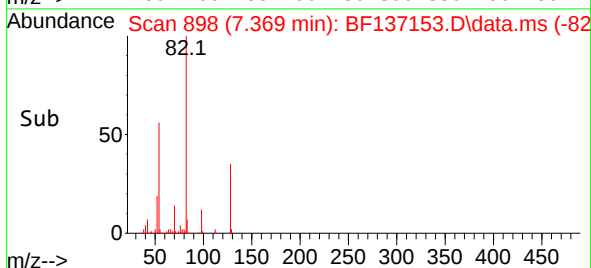
Tgt Ion: 99 Resp: 655240  
Ion Ratio Lower Upper  
99 100  
42 21.7 17.5 26.3  
71 40.5 31.2 46.8

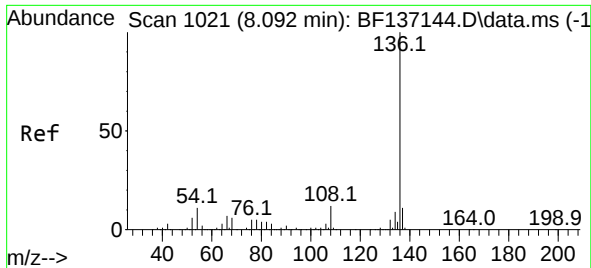


#19  
n-Nitroso-di-n-propylamine  
Concen: 16.685 ng  
RT: 7.369 min Scan# 898  
Delta R.T. 0.135 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04



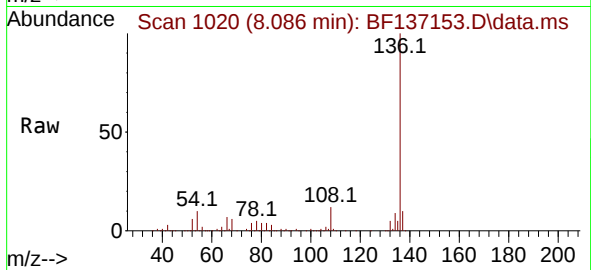
Tgt Ion: 70 Resp: 69142  
Ion Ratio Lower Upper  
70 100  
42 49.1 49.3 73.9#  
101 0.0 7.4 11.0#  
130 1.6 14.4 21.6#





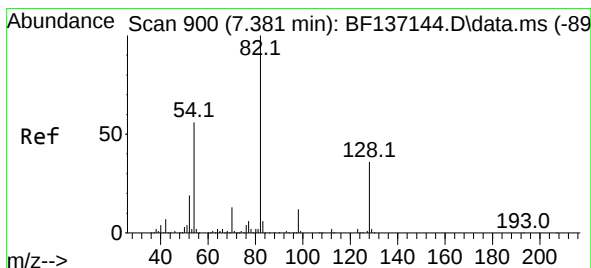
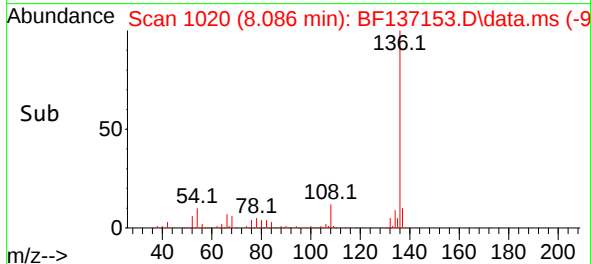
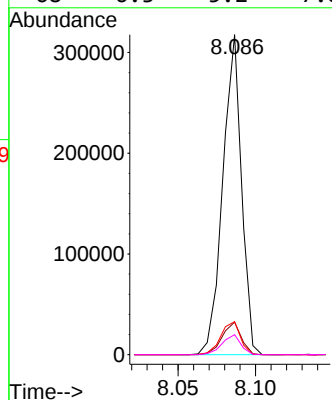
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:136 Resp: 266482

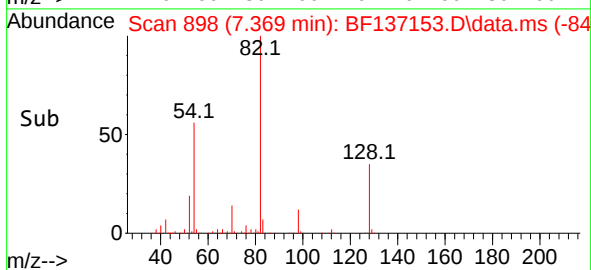
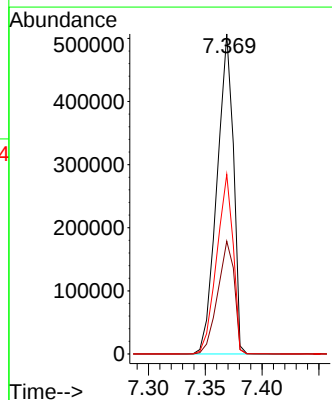
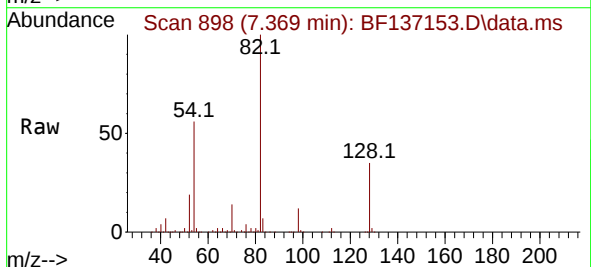
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.2  | 8.7   | 13.1  |
| 54  | 10.3  | 8.8   | 13.2  |
| 68  | 6.3   | 5.2   | 7.8   |

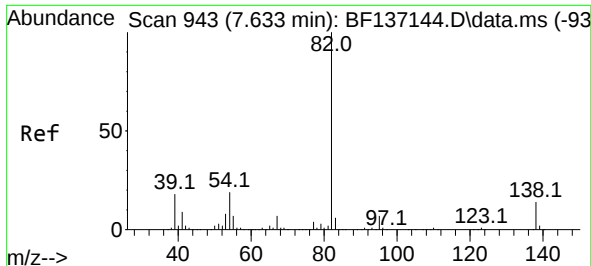


#23  
Nitrobenzene-d5  
Concen: 89.917 ng  
RT: 7.369 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

Tgt Ion: 82 Resp: 511138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.3  | 29.0  | 43.6  |
| 54  | 56.1  | 44.6  | 67.0  |

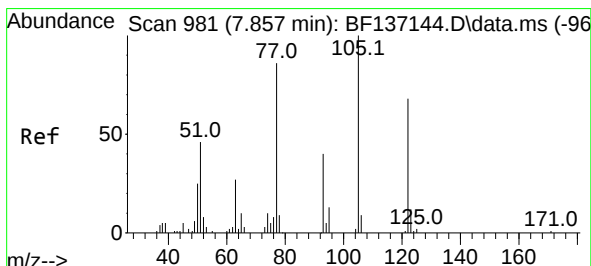
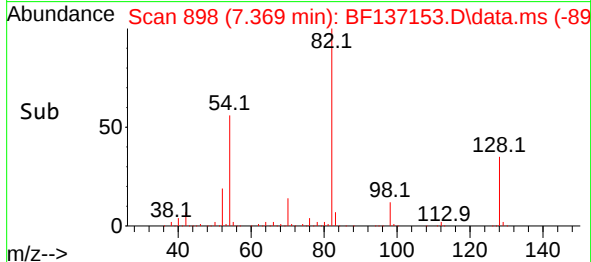
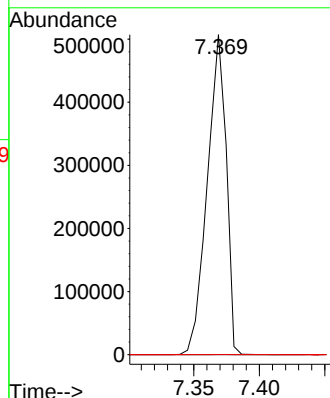
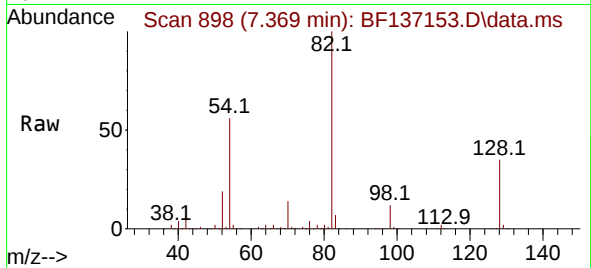




#25  
Isophorone  
Concen: 45.529 ng  
RT: 7.369 min Scan# 89  
Delta R.T. -0.264 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

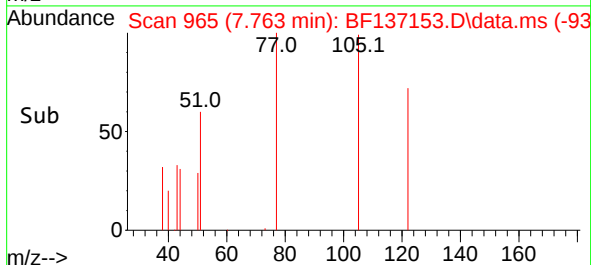
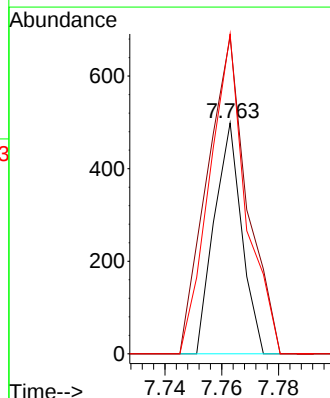
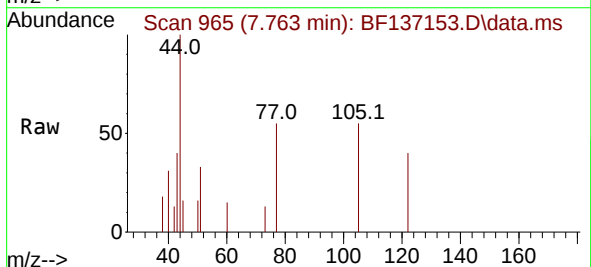
Instrument :  
BNA\_F  
ClientSampleId :

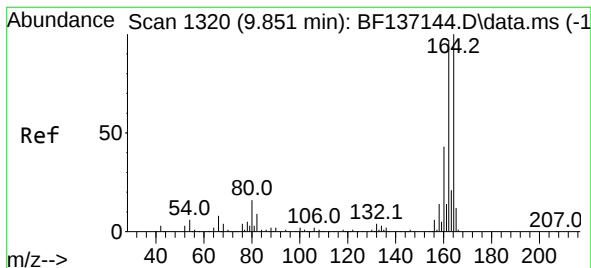
Tgt Ion: 82 Resp: 511049  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 11.5 17.3#



#32  
Benzoic acid  
Concen: 8.079 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.094 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

Tgt Ion:122 Resp: 335  
Ion Ratio Lower Upper  
122 100  
105 137.3 123.2 163.2  
77 138.5 107.6 147.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.012 min

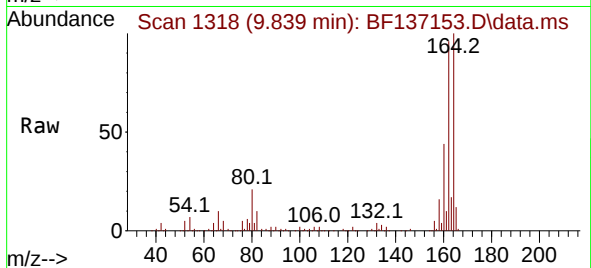
Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA\_F

ClientSampleId :



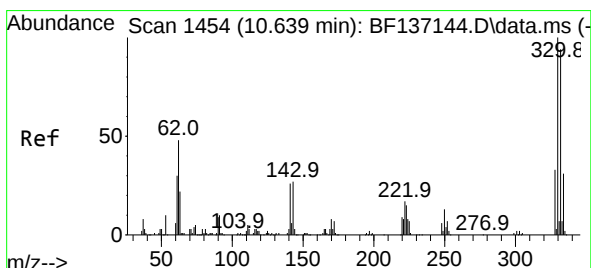
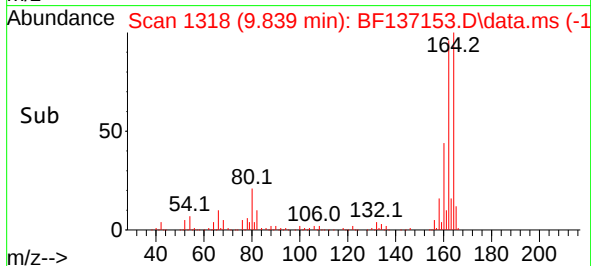
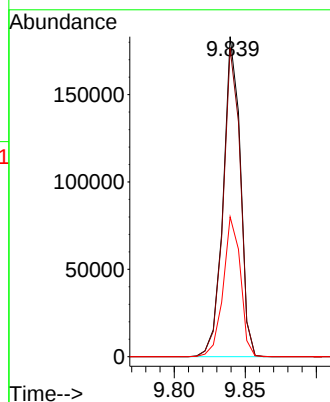
Tgt Ion:164 Resp: 153087

Ion Ratio Lower Upper

164 100

162 96.4 77.5 116.3

160 43.7 34.7 52.1



#42

2,4,6-Tribromophenol

Concen: 137.082 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

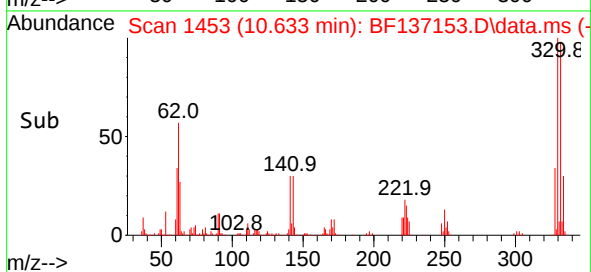
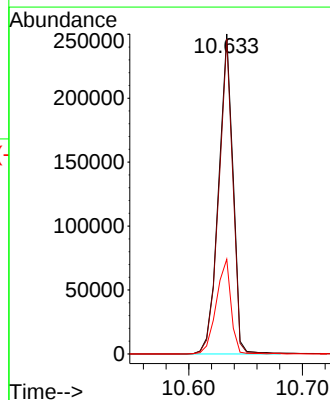
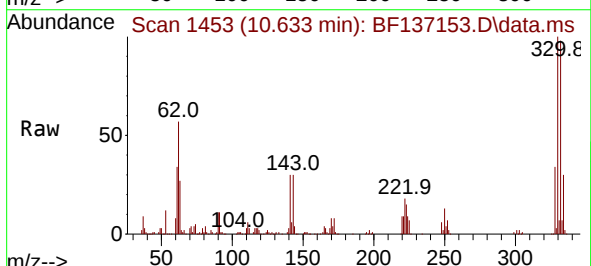
Tgt Ion:330 Resp: 220754

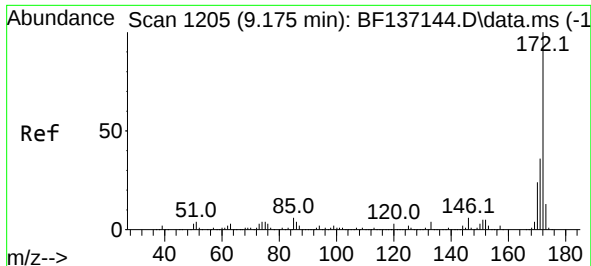
Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.0

141 30.2 24.8 37.2





#45

2-Fluorobiphenyl

Concen: 79.644 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA\_F

ClientSampleId :

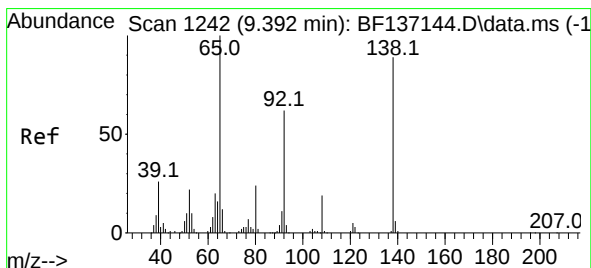
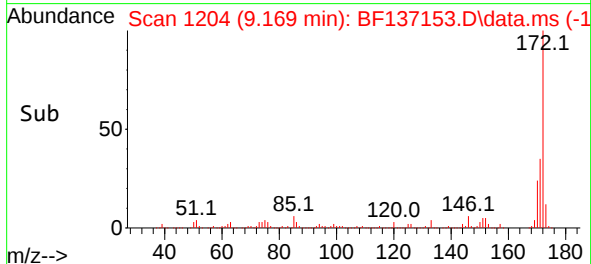
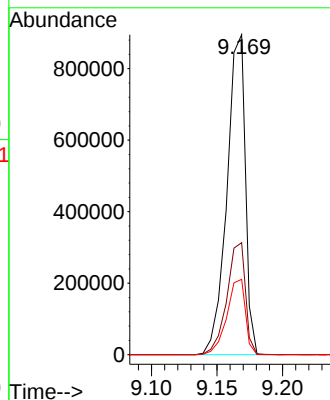
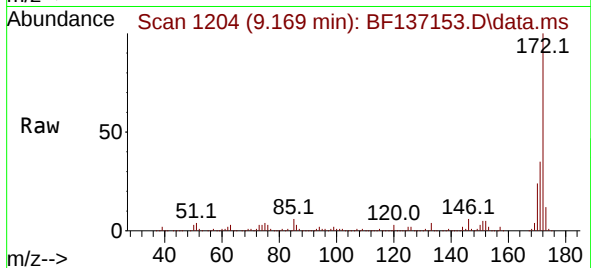
Tgt Ion:172 Resp: 875786

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.6 18.8 28.2



#48

2-Nitroaniline

Concen: 4.686 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.229 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

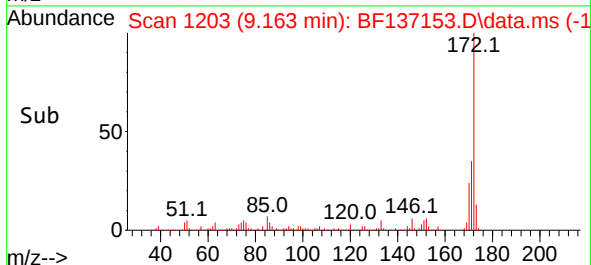
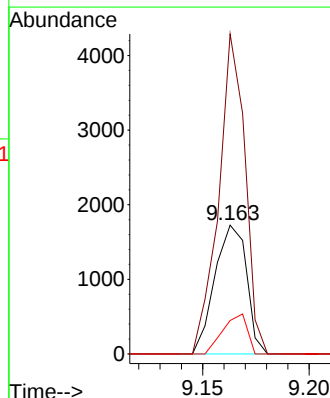
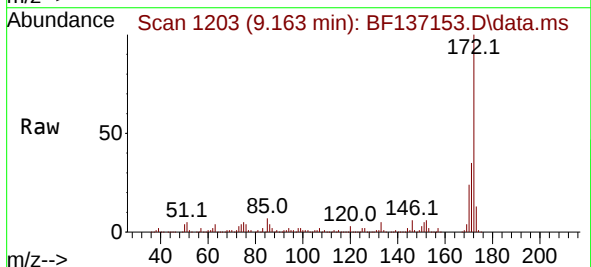
Tgt Ion: 65 Resp: 1790

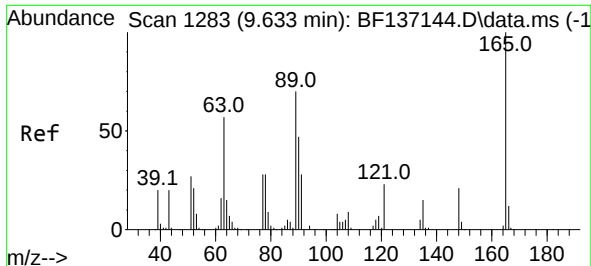
Ion Ratio Lower Upper

65 100

92 248.5 49.4 74.2#

138 26.0 70.8 106.2#





#51

2,6-Dinitrotoluene

Concen: 11.708 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA\_F

ClientSampleId :

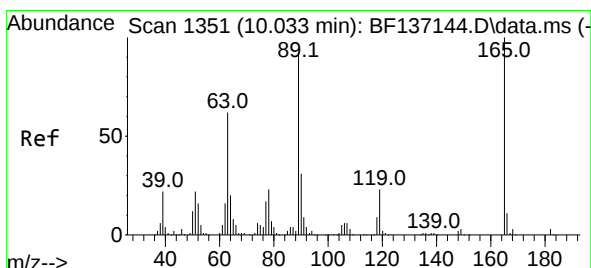
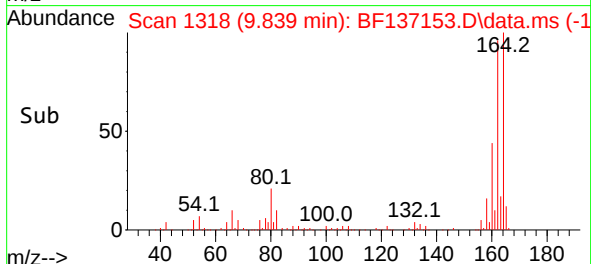
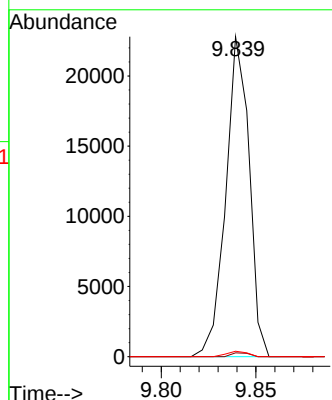
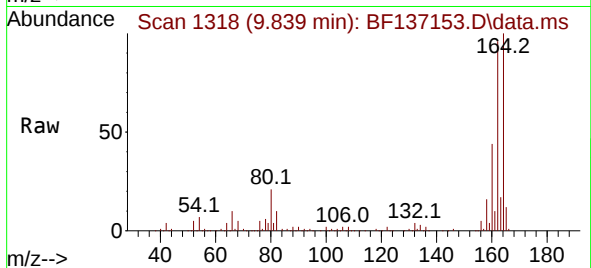
Tgt Ion:165 Resp: 19576

Ion Ratio Lower Upper

165 100

63 1.2 64.4 96.6#

89 1.7 55.7 83.5#



#57

2,4-Dinitrotoluene

Concen: 11.043 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.194 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Tgt Ion:165 Resp: 19576

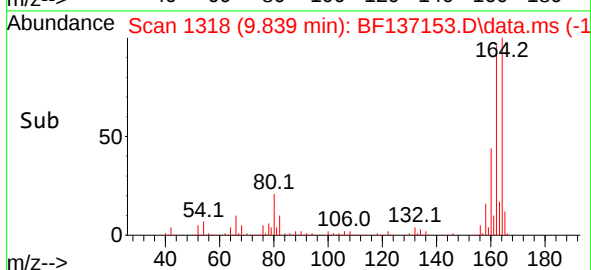
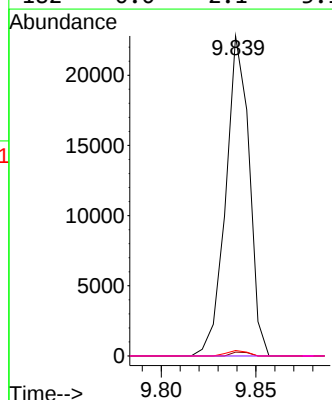
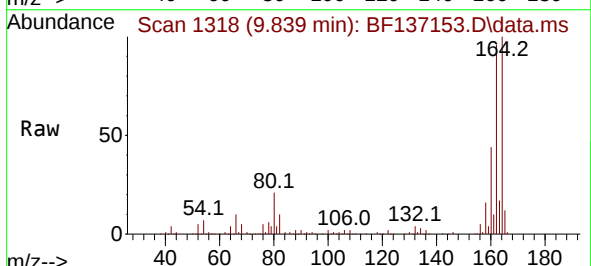
Ion Ratio Lower Upper

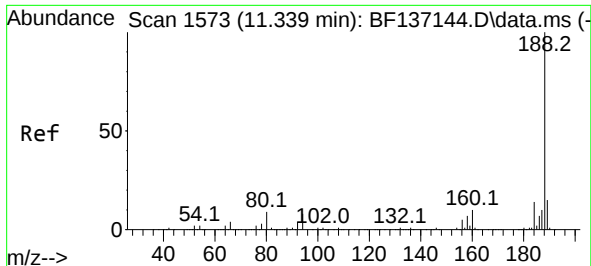
165 100

63 1.2 49.4 74.2#

89 1.7 73.5 110.3#

182 0.0 2.1 3.1#

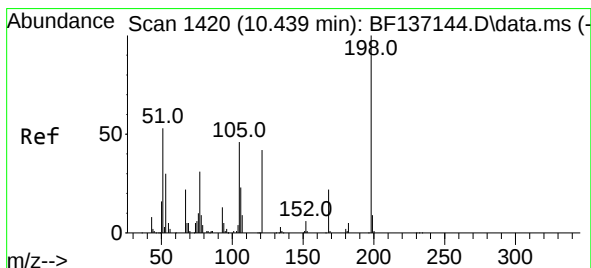
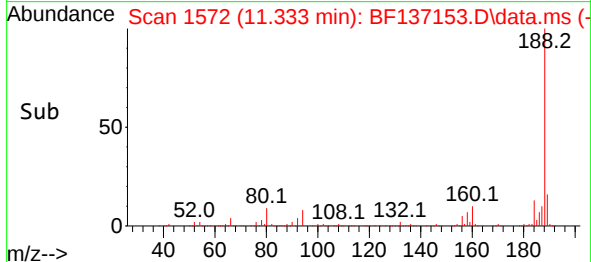
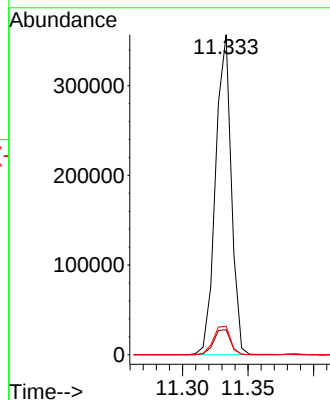
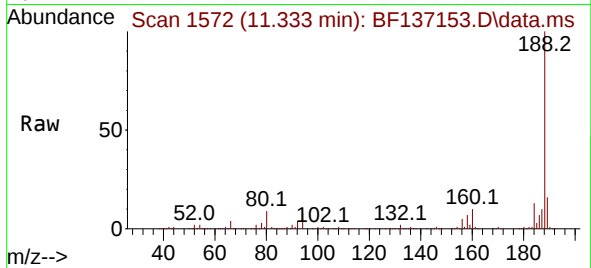




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

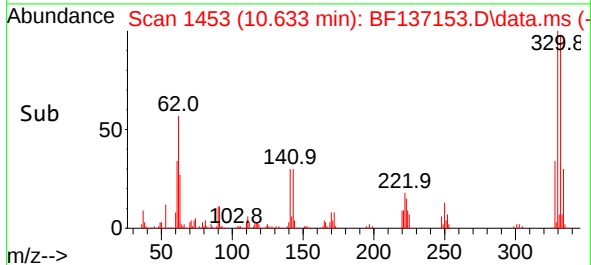
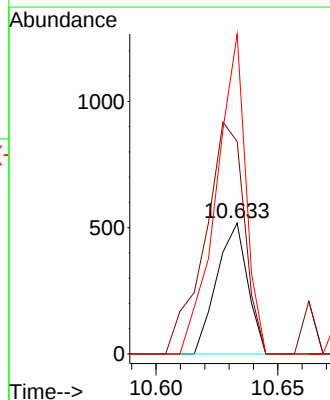
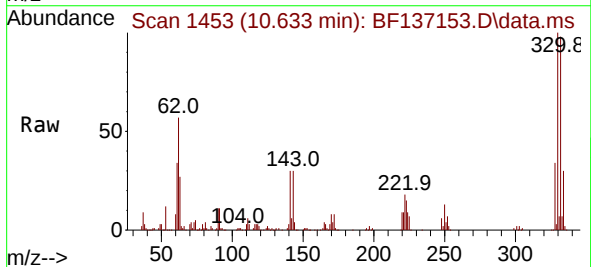
Instrument :  
BNA\_F  
ClientSampleId :

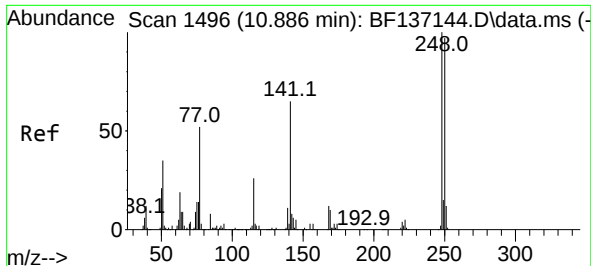
Tgt Ion:188 Resp: 297555  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.4 9.6  
80 8.9 7.4 11.0



#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.528 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. 0.194 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

Tgt Ion:198 Resp: 455  
Ion Ratio Lower Upper  
198 100  
51 162.4 44.7 84.7#  
105 244.6 28.2 68.2#

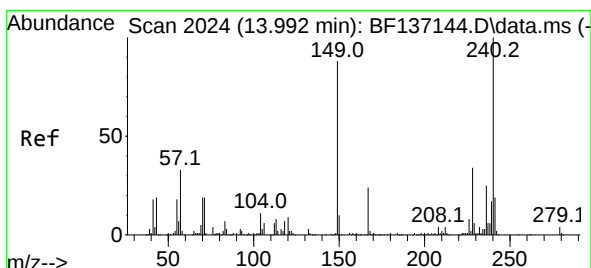
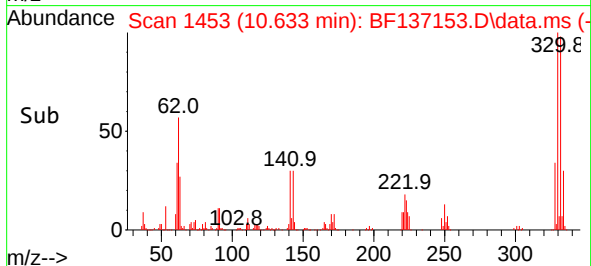
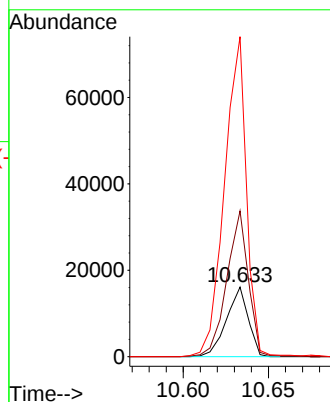
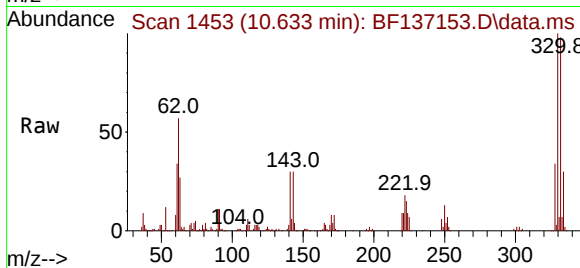




#67  
4-Bromophenyl-phenylether  
Concen: 4.193 ng  
RT: 10.633 min Scan# 1496  
Delta R.T. -0.253 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

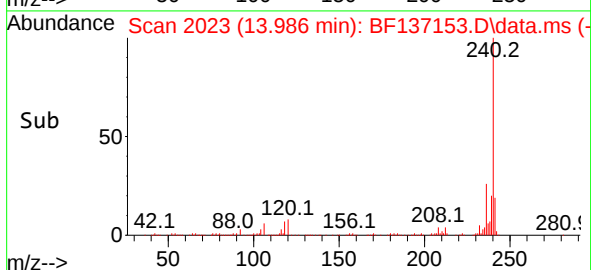
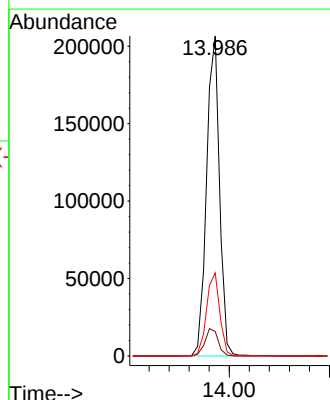
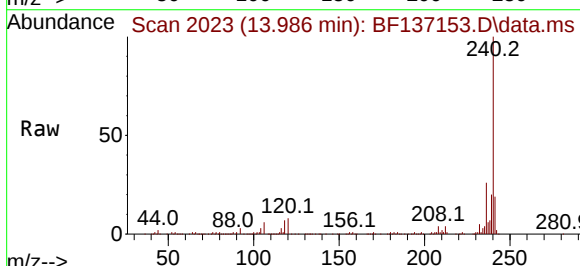
Instrument :  
BNA\_F  
ClientSampleId :

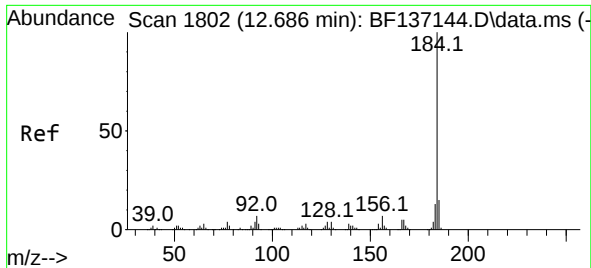
Tgt Ion:248 Resp: 14376  
Ion Ratio Lower Upper  
248 100  
250 209.1 77.7 116.5#  
141 459.2 52.3 78.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

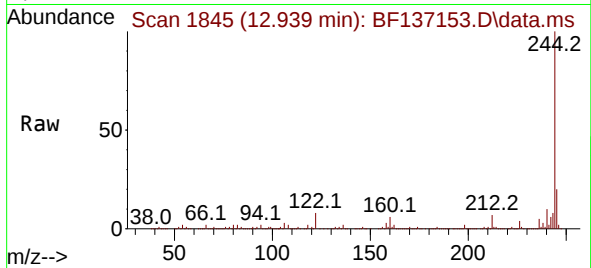
Tgt Ion:240 Resp: 186184  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.9 10.3  
236 25.9 20.4 30.6



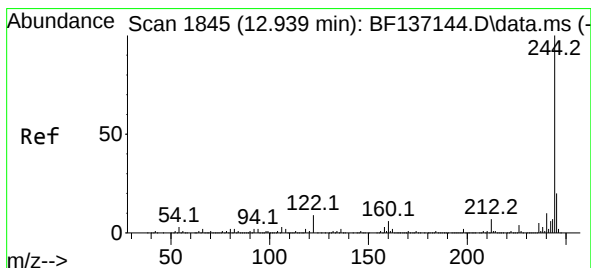
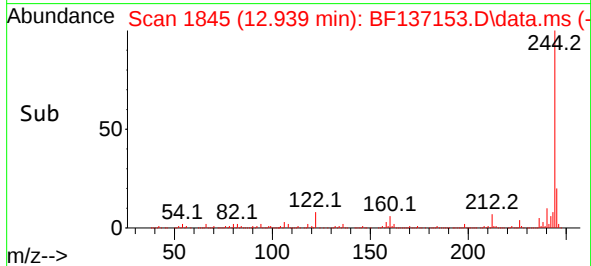
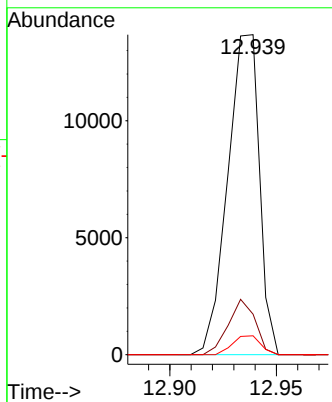


#77  
Benzidine  
Concen: 3.923 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. 0.253 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

Instrument :  
BNA\_F  
ClientSampleId :

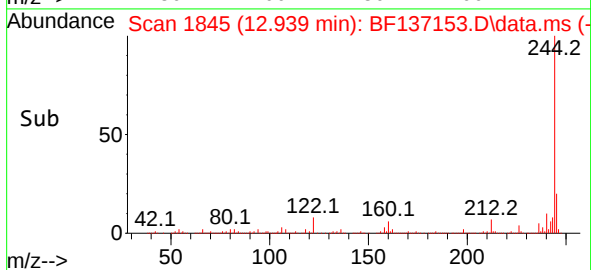
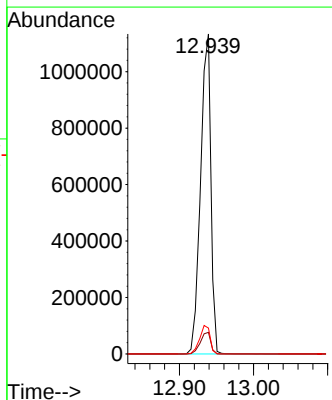
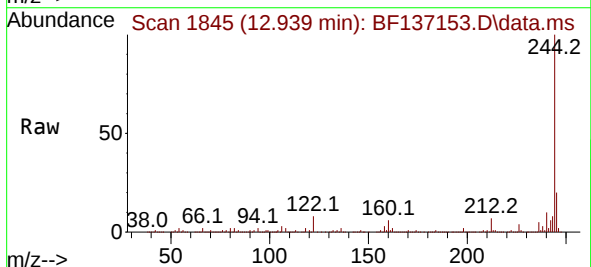


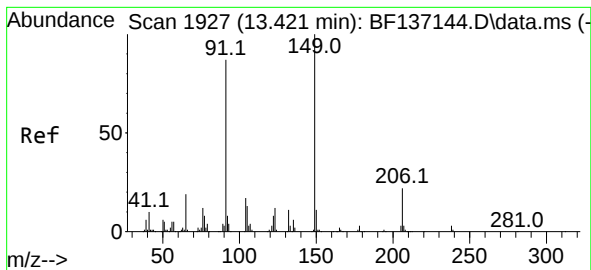
Tgt Ion:184 Resp: 14164  
Ion Ratio Lower Upper  
184 100  
185 12.7 12.2 18.4  
183 5.9 10.0 15.0#



#79  
Terphenyl-d14  
Concen: 84.535 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: BF137153.D  
Acq: 25 Jan 2024 18:04

Tgt Ion:244 Resp: 1100654  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.7 8.5  
122 8.1 7.3 10.9





#80

Butylbenzylphthalate

Concen: 4.211 ng

RT: 13.421 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF137153.D

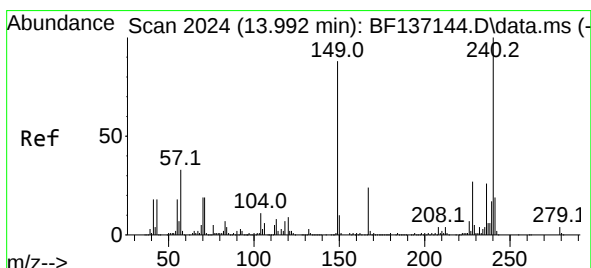
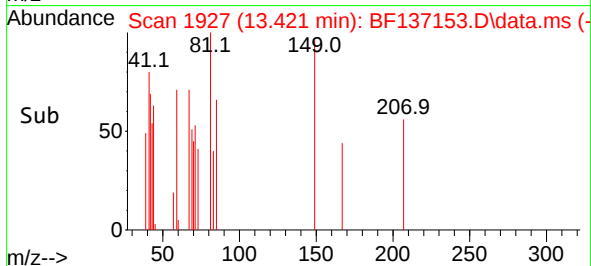
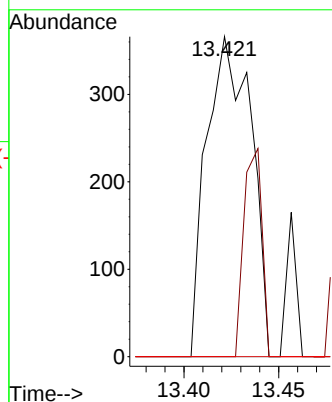
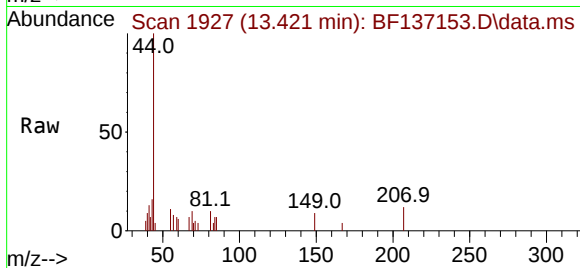
Acq: 25 Jan 2024 18:04

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 600    |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 0.0   | 69.4  | 104.0# |
| 206       | 0.0   | 17.4  | 26.0#  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.435 ng

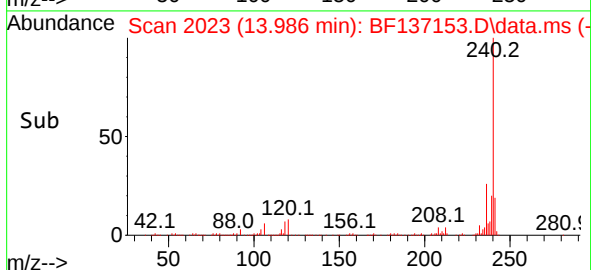
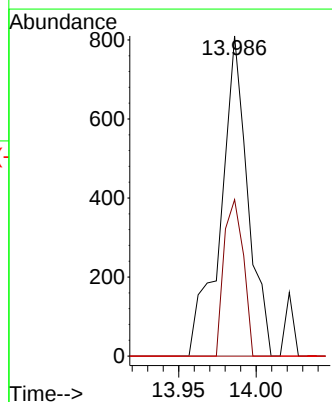
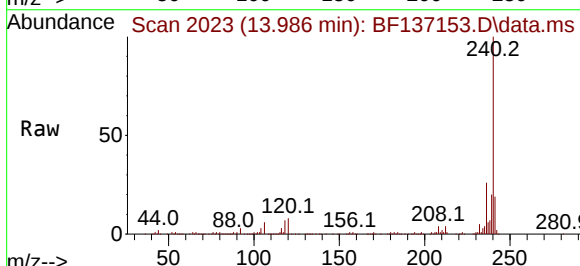
RT: 13.986 min Scan# 2023

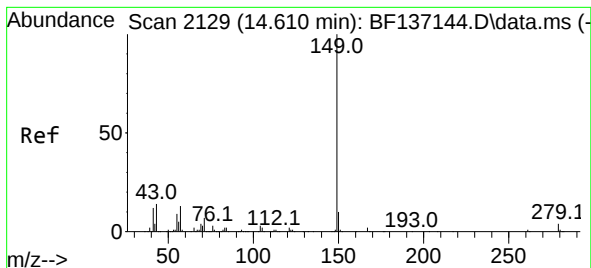
Delta R.T. -0.006 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 988   |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 48.9  | 21.7  | 32.5# |
| 279       | 0.0   | 3.6   | 5.4#  |





#85

Di-n-octyl phthalate

Concen: 8.791 ng

RT: 14.639 min Scan# 2129

Delta R.T. 0.029 min

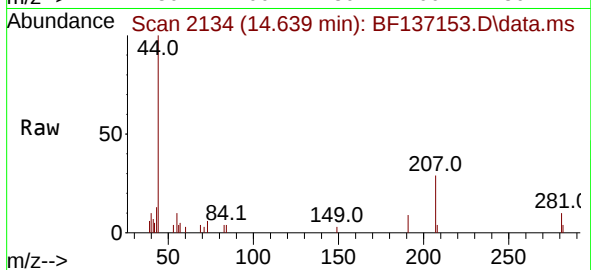
Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA\_F

ClientSampleId :



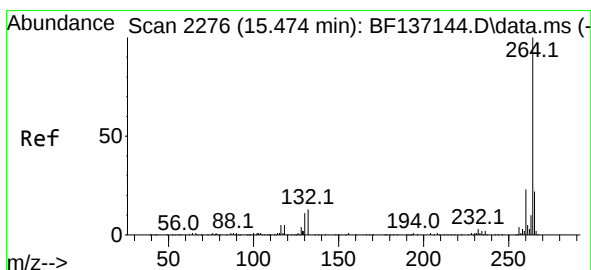
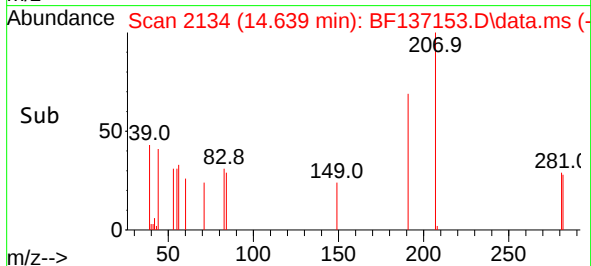
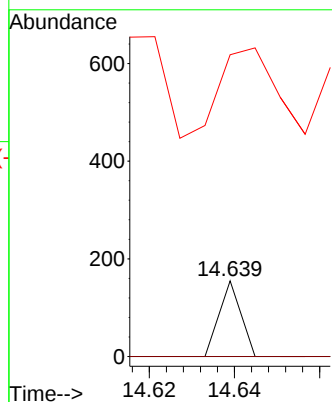
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 303.6 11.2 16.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Tgt Ion:264 Resp: 172568

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 19.9 17.2 25.8

