

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111924\  
 Data File : BF140482.D  
 Acq On : 19 Nov 2024 19:02  
 Operator : RC/JU  
 Sample : P4768-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-3-3

Quant Time: Nov 20 00:11:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 14:40:06 2024  
 Response via : Initial Calibration

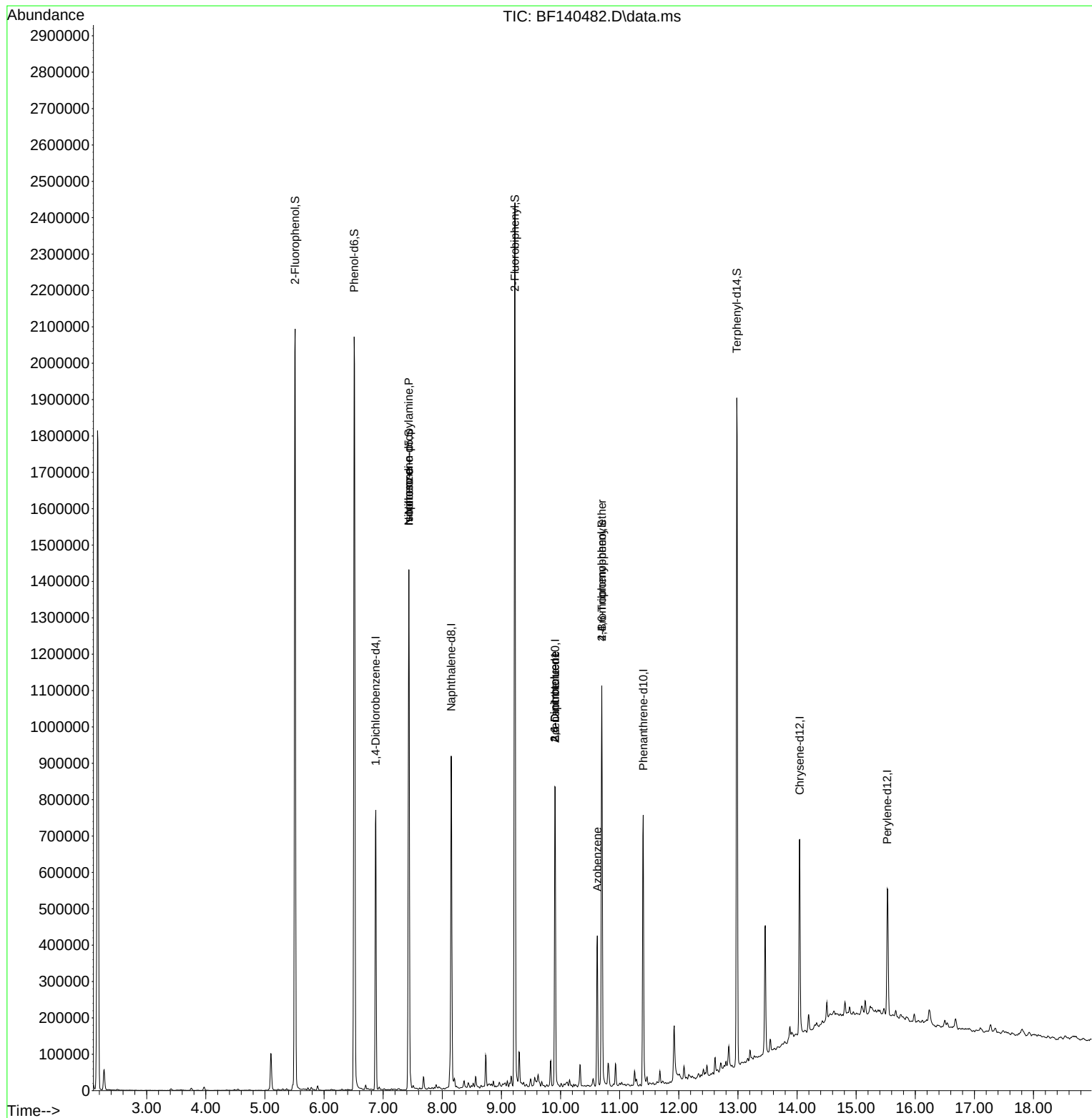
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 163847   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 576180   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 259394   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 406415   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 265711   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 205466   | 20.000 | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 817302   | 85.168 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 1044463  | 80.334 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 663118   | 59.964 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 188155   | 72.943 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1105394  | 68.505 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 911587   | 59.551 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 89926    | 11.452 | ng    | # 77     |
| 25) Isophorone                | 7.434  | 82   | 655753   | 33.458 | ng    | # 67     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 34189    | 8.870  | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 34247    | 6.751  | ng    | # 20     |
| 63) Azobenzene                | 10.622 | 77   | 108717   | 6.364  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 11925    | 2.935  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

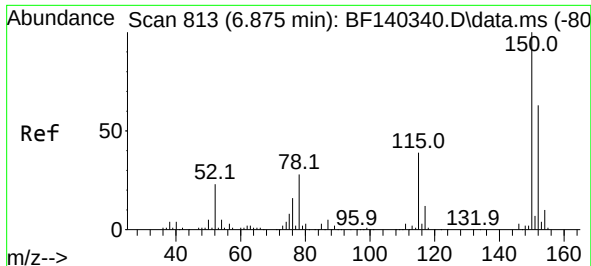
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111924\  
Data File : BF140482.D  
Acq On : 19 Nov 2024 19:02  
Operator : RC/JU  
Sample : P4768-03  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-3-3

Quant Time: Nov 20 00:11:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 14:40:06 2024  
Response via : Initial Calibration

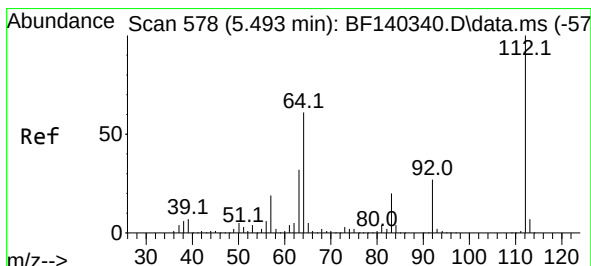
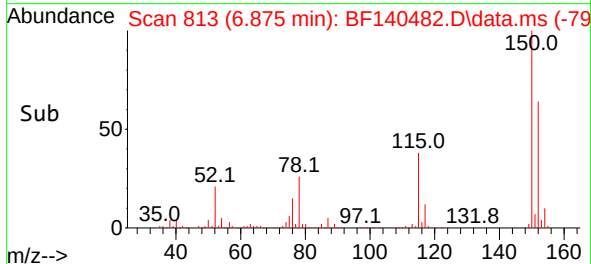
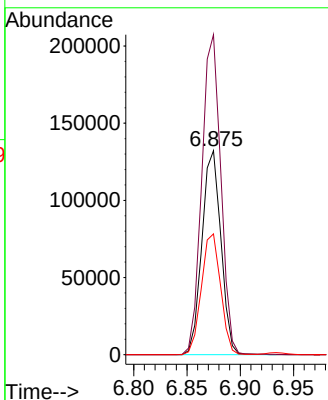
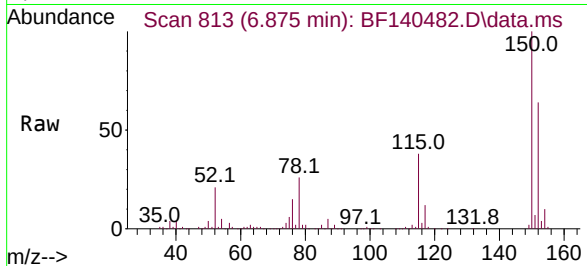




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

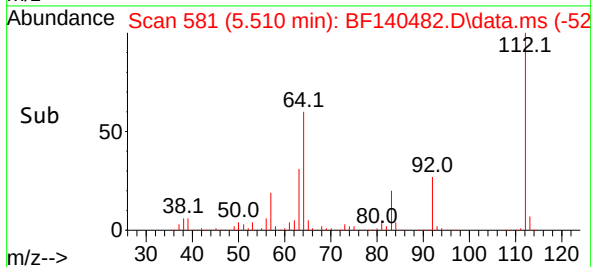
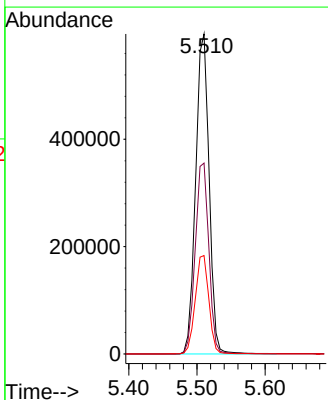
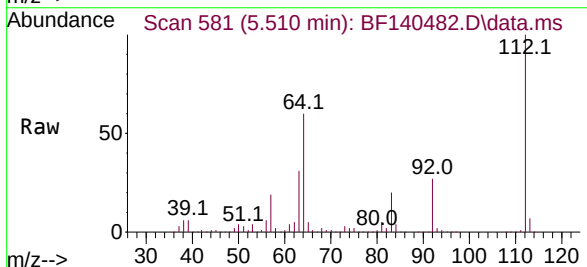
Instrument :  
BNA\_F  
ClientSampleId :  
B-3-3

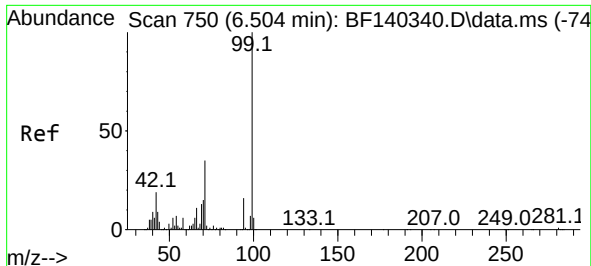
Tgt Ion:152 Resp: 163847  
Ion Ratio Lower Upper  
152 100  
150 156.9 127.4 191.0  
115 59.3 47.4 71.2



#5  
2-Fluorophenol  
Concen: 85.168 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.018 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

Tgt Ion:112 Resp: 817302  
Ion Ratio Lower Upper  
112 100  
64 59.7 49.2 73.8  
63 30.8 25.6 38.4

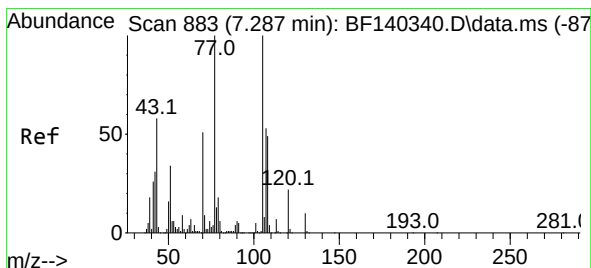
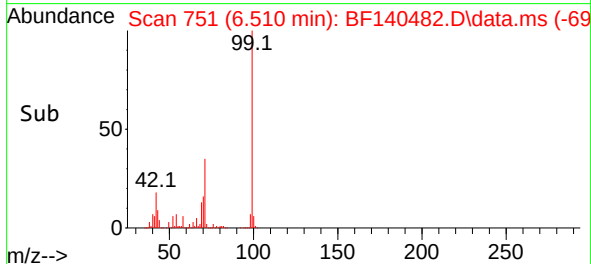
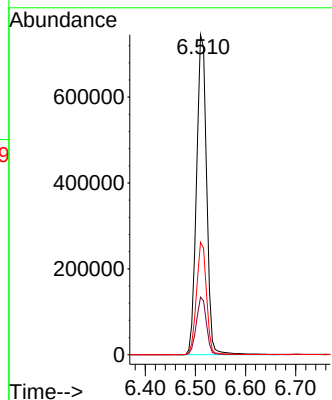
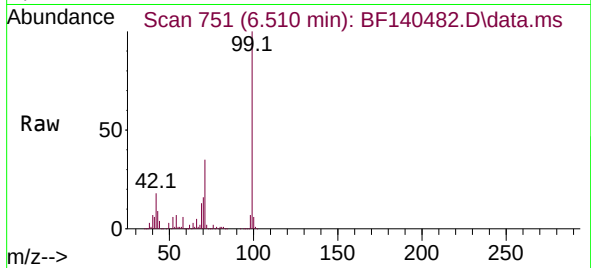




#7  
Phenol-d6  
Concen: 80.334 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

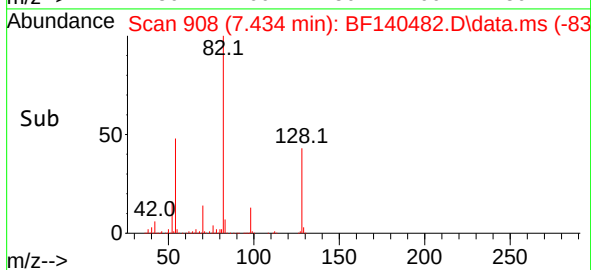
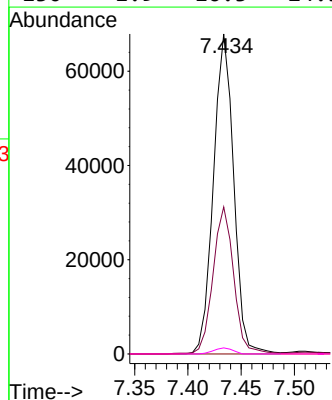
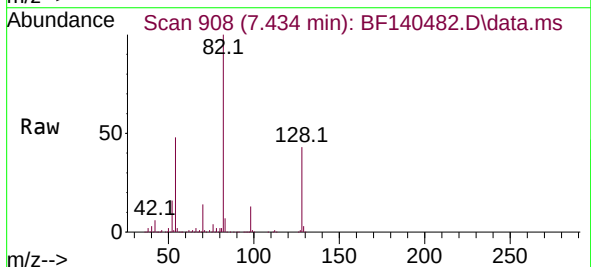
Instrument :  
BNA\_F  
ClientSampleId :  
B-3-3

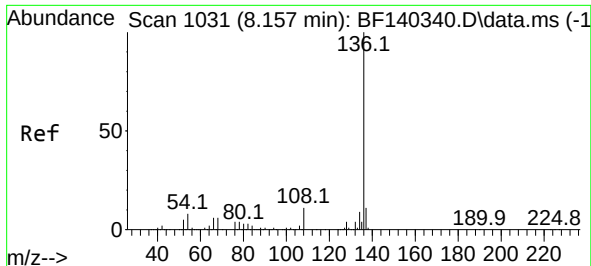
Tgt Ion: 99 Resp: 1044463  
Ion Ratio Lower Upper  
99 100  
42 18.0 15.1 22.7  
71 35.1 27.9 41.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.452 ng  
RT: 7.434 min Scan# 908  
Delta R.T. 0.141 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

Tgt Ion: 70 Resp: 89926  
Ion Ratio Lower Upper  
70 100  
42 45.9 46.8 70.2#  
101 0.0 7.5 11.3#  
130 1.9 16.3 24.5#



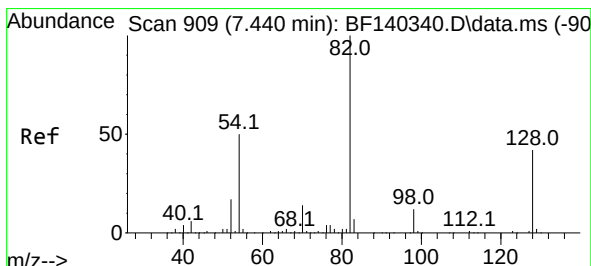
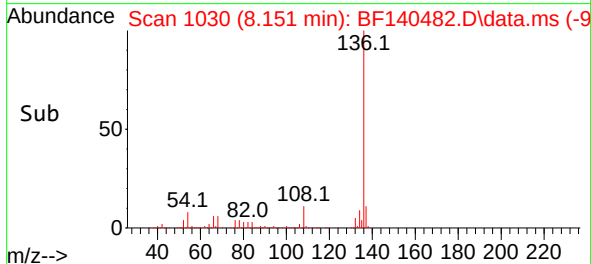
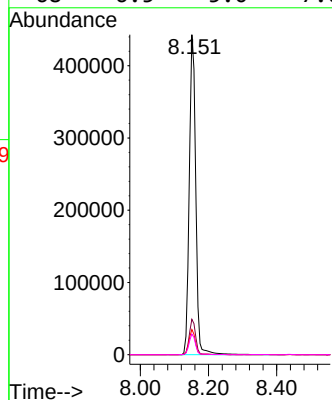
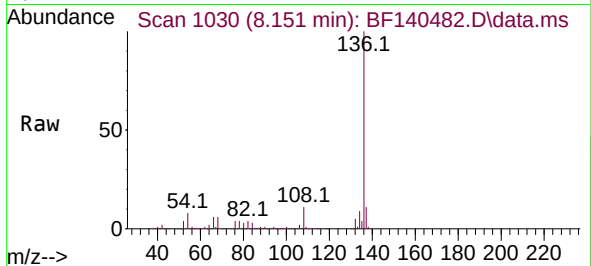


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

Instrument :  
BNA\_F  
ClientSampleId :  
B-3-3

Tgt Ion:136 Resp: 576180

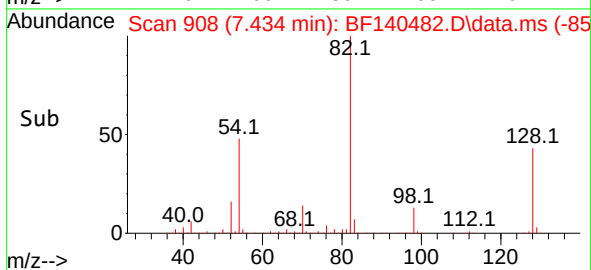
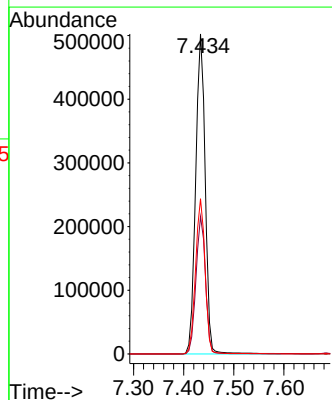
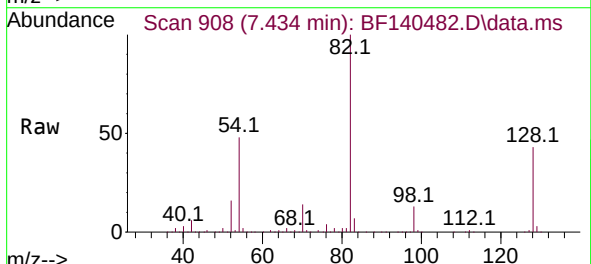
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.7   | 13.1  |
| 54  | 7.8   | 6.5   | 9.7   |
| 68  | 6.5   | 5.0   | 7.6   |

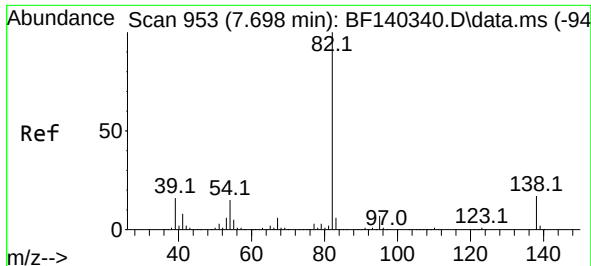


#23  
Nitrobenzene-d5  
Concen: 59.964 ng  
RT: 7.434 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

Tgt Ion: 82 Resp: 663118

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.9  | 33.3  | 49.9  |
| 54  | 48.5  | 39.8  | 59.8  |

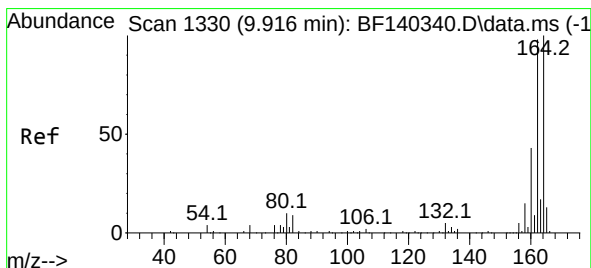
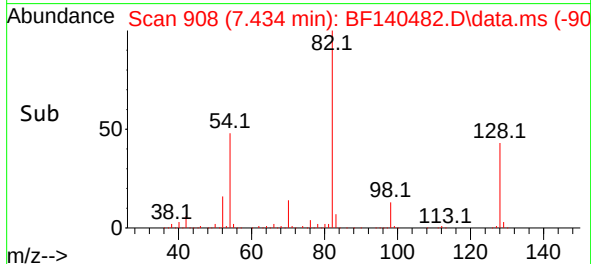
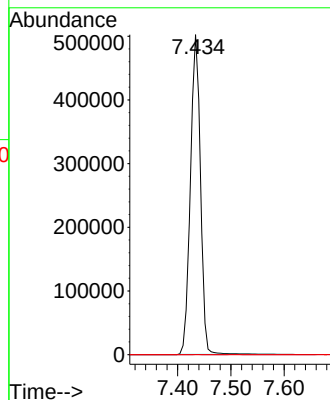
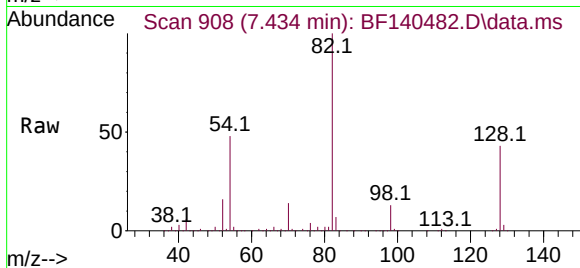




#25  
Isophorone  
Concen: 33.458 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

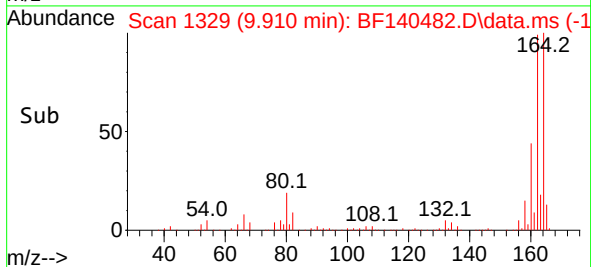
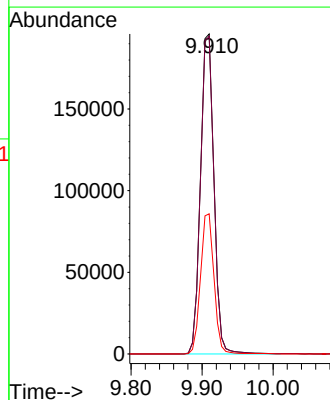
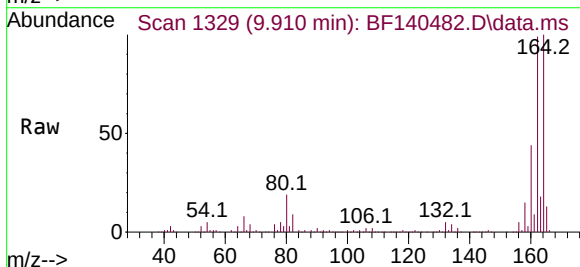
Instrument :  
BNA\_F  
ClientSampleId :  
B-3-3

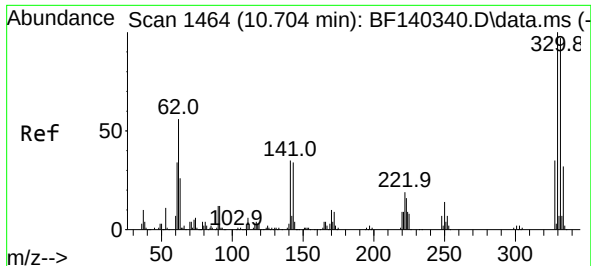
Tgt Ion: 82 Resp: 655753  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 13.4 20.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

Tgt Ion:164 Resp: 259394  
Ion Ratio Lower Upper  
164 100  
162 99.3 79.8 119.8  
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.943 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140482.D

Acq: 19 Nov 2024 19:02

Instrument :

BNA\_F

ClientSampleId :

B-3-3

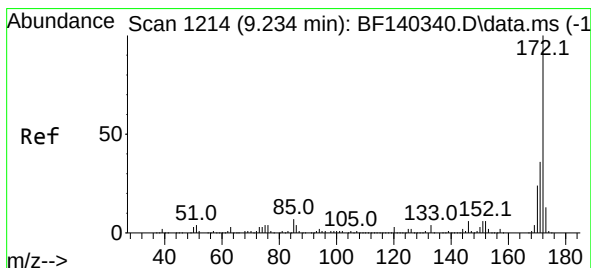
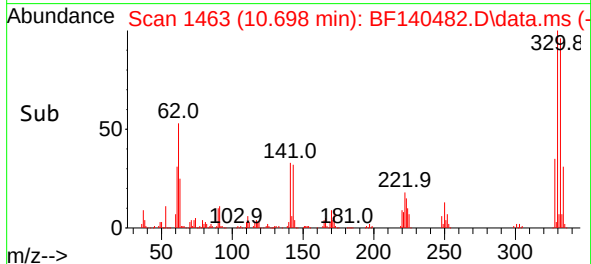
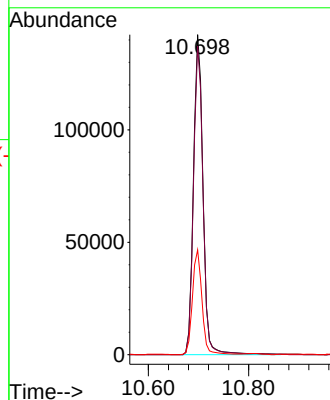
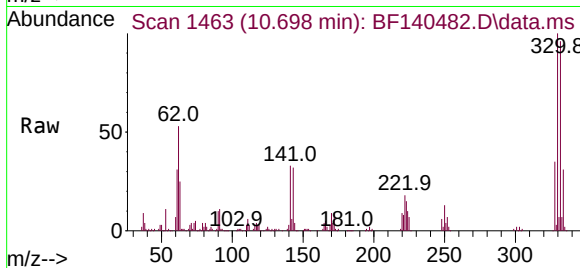
Tgt Ion:330 Resp: 188155

Ion Ratio Lower Upper

330 100

332 95.8 75.9 113.9

141 32.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 68.505 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140482.D

Acq: 19 Nov 2024 19:02

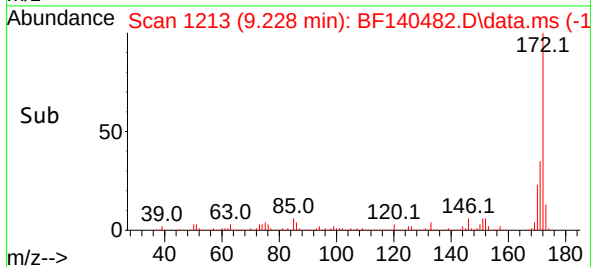
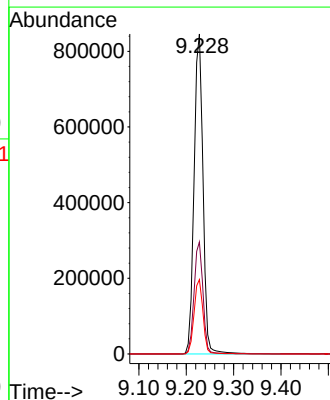
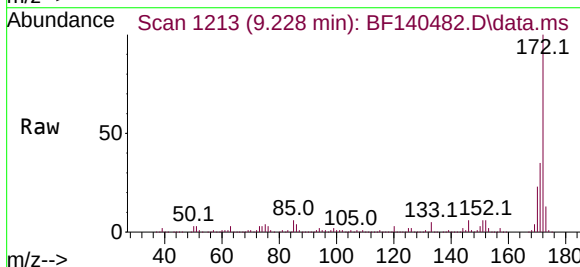
Tgt Ion:172 Resp: 1105394

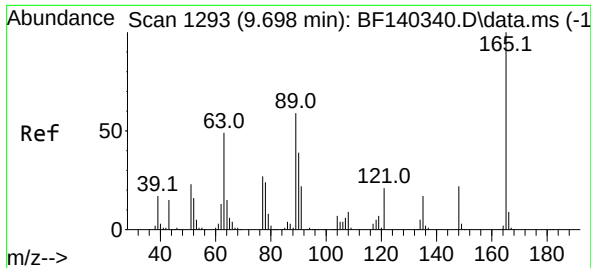
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.3 19.1 28.7

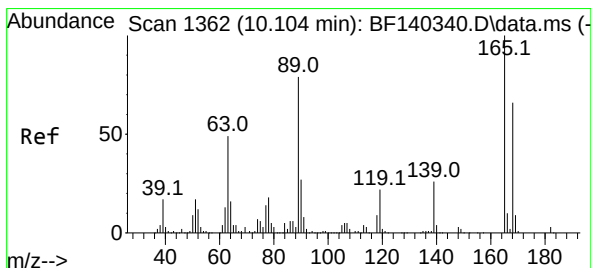
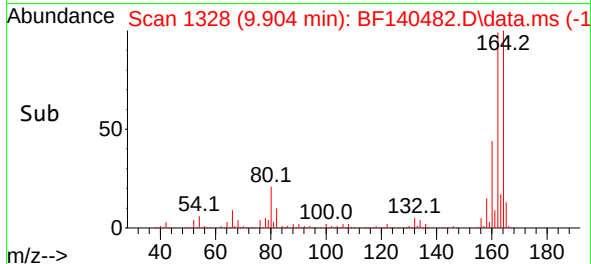
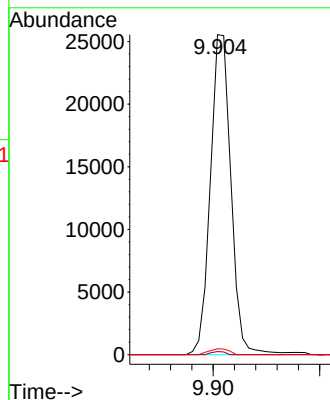
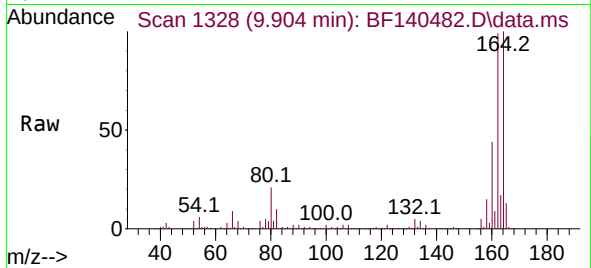




#51  
2,6-Dinitrotoluene  
Concen: 8.870 ng  
RT: 9.904 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

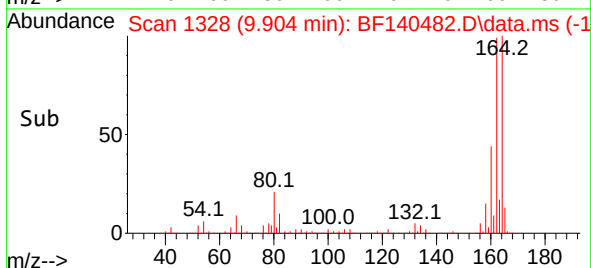
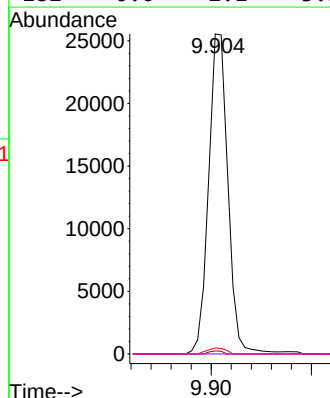
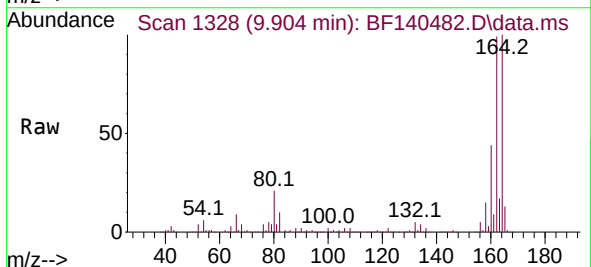
Instrument :  
BNA\_F  
ClientSampleId :  
B-3-3

Tgt Ion:165 Resp: 34189  
Ion Ratio Lower Upper  
165 100  
63 1.0 47.6 71.4#  
89 1.8 48.1 72.1#

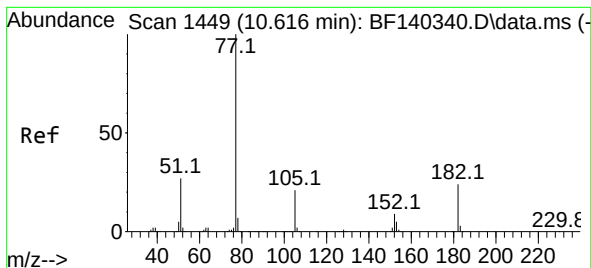


#57  
2,4-Dinitrotoluene  
Concen: 6.751 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.200 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

Tgt Ion:165 Resp: 34247  
Ion Ratio Lower Upper  
165 100  
63 1.0 39.4 59.0#  
89 1.8 62.4 93.6#  
182 0.0 2.1 3.1#







#63

Azobenzene

Concen: 6.364 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140482.D

Acq: 19 Nov 2024 19:02

Instrument :

BNA\_F

ClientSampleId :

B-3-3

Tgt Ion: 77 Resp: 108717

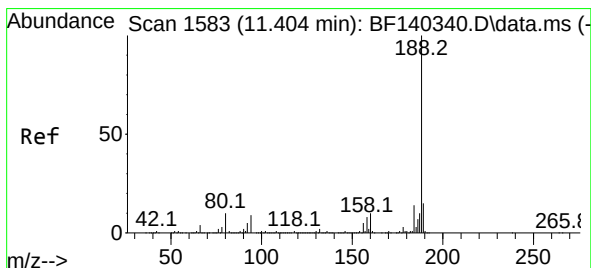
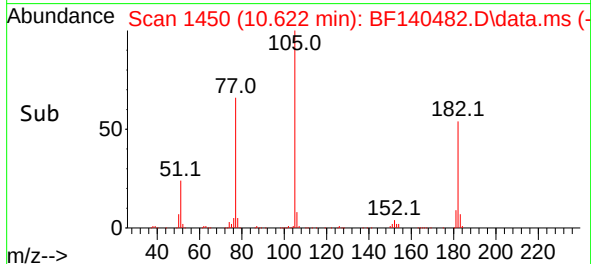
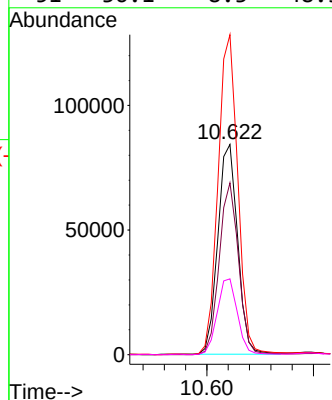
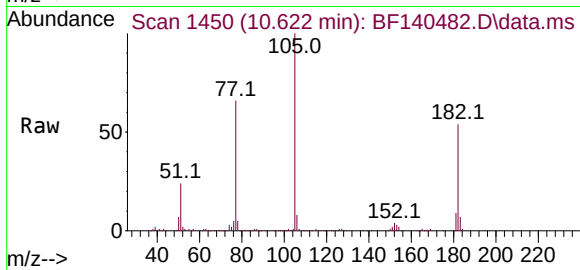
Ion Ratio Lower Upper

77 100

182 81.7 4.6 44.6#

105 152.2 0.9 40.9#

51 36.1 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140482.D

Acq: 19 Nov 2024 19:02

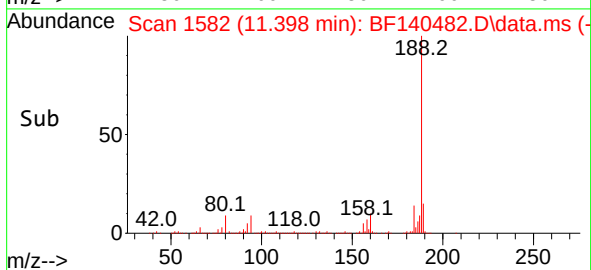
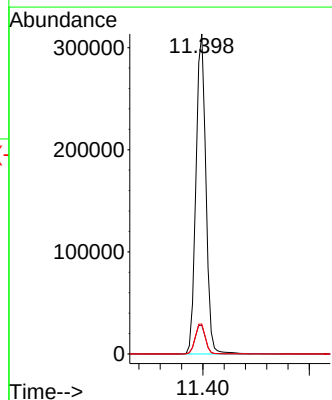
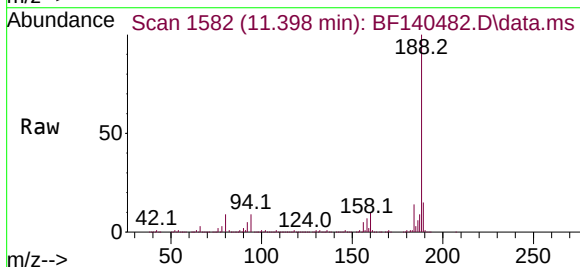
Tgt Ion: 188 Resp: 406415

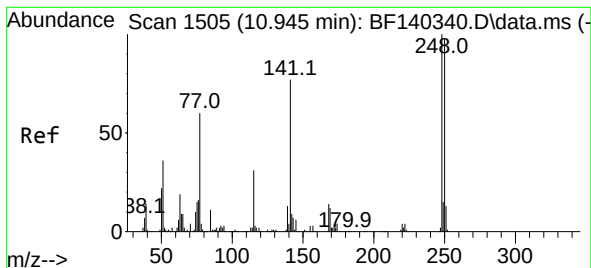
Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.3 8.0 12.0

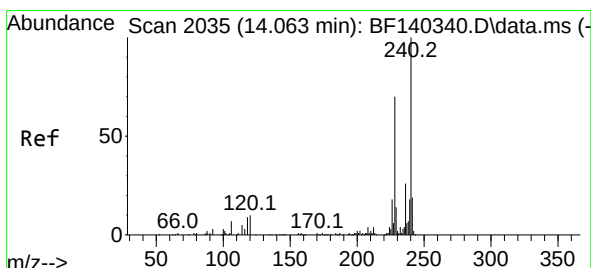
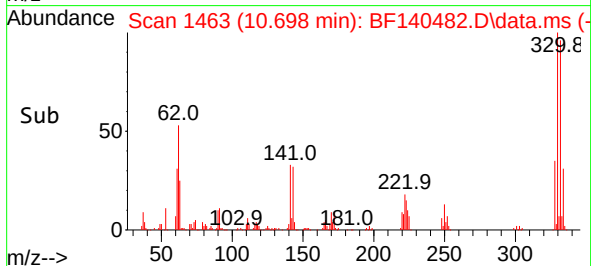
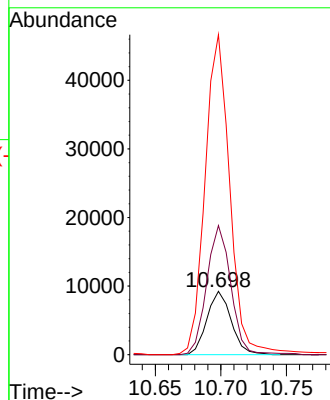
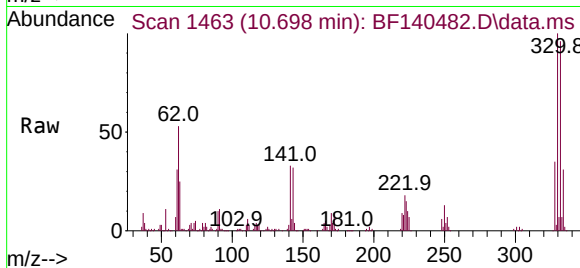




#67  
4-Bromophenyl-phenylether  
Concen: 2.935 ng  
RT: 10.698 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

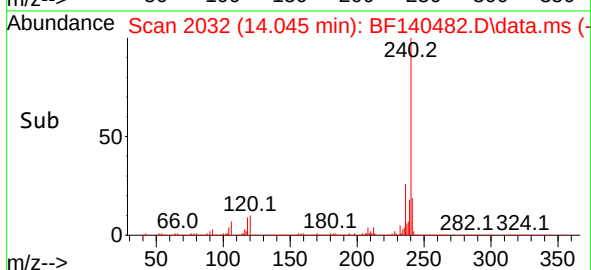
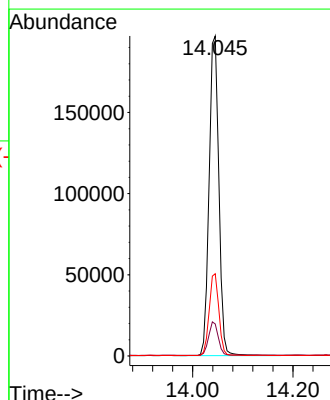
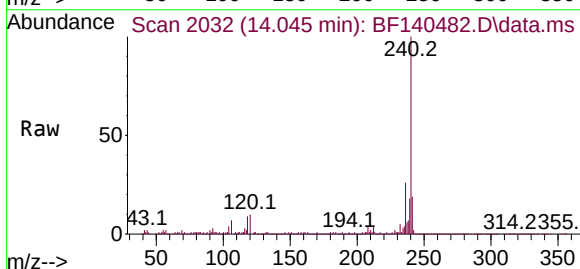
Instrument :  
BNA\_F  
ClientSampleId :  
B-3-3

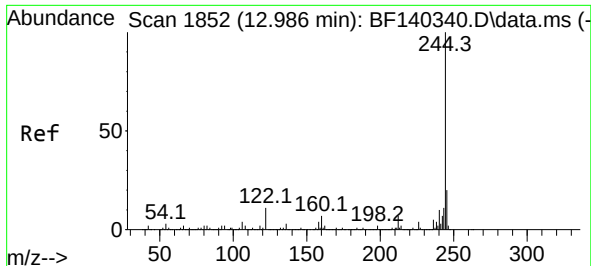
Tgt Ion:248 Resp: 11925  
Ion Ratio Lower Upper  
248 100  
250 203.8 77.9 116.9#  
141 505.3 61.8 92.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140482.D  
Acq: 19 Nov 2024 19:02

Tgt Ion:240 Resp: 265711  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.8 13.2  
236 25.7 20.9 31.3

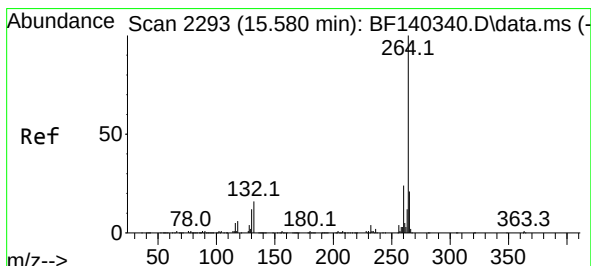
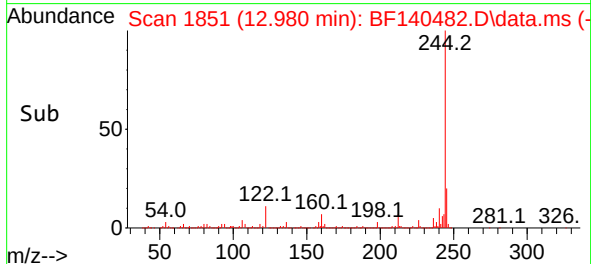
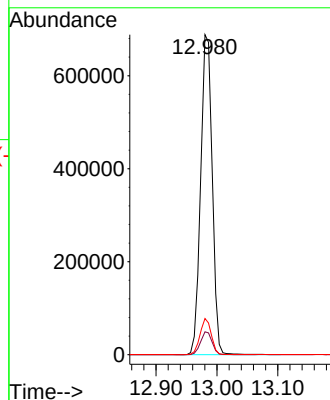
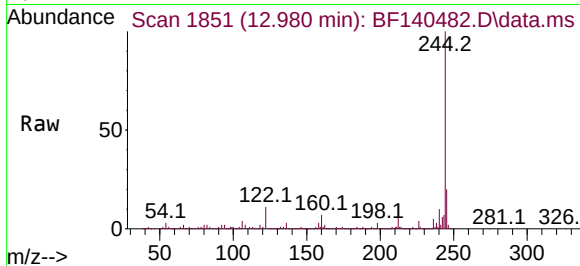




#79  
 Terphenyl-d14  
 Concen: 59.551 ng  
 RT: 12.980 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF140482.D  
 Acq: 19 Nov 2024 19:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-3-3

Tgt Ion:244 Resp: 911587  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 11.3 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2284  
 Delta R.T. -0.029 min  
 Lab File: BF140482.D  
 Acq: 19 Nov 2024 19:02

Tgt Ion:264 Resp: 205466  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.2 28.8  
 265 21.5 17.1 25.7

