

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112524\  
 Data File : BF140615.D  
 Acq On : 25 Nov 2024 20:45  
 Operator : RC/JU  
 Sample : P4860-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PH2-BOT-009

Quant Time: Nov 26 00:10:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

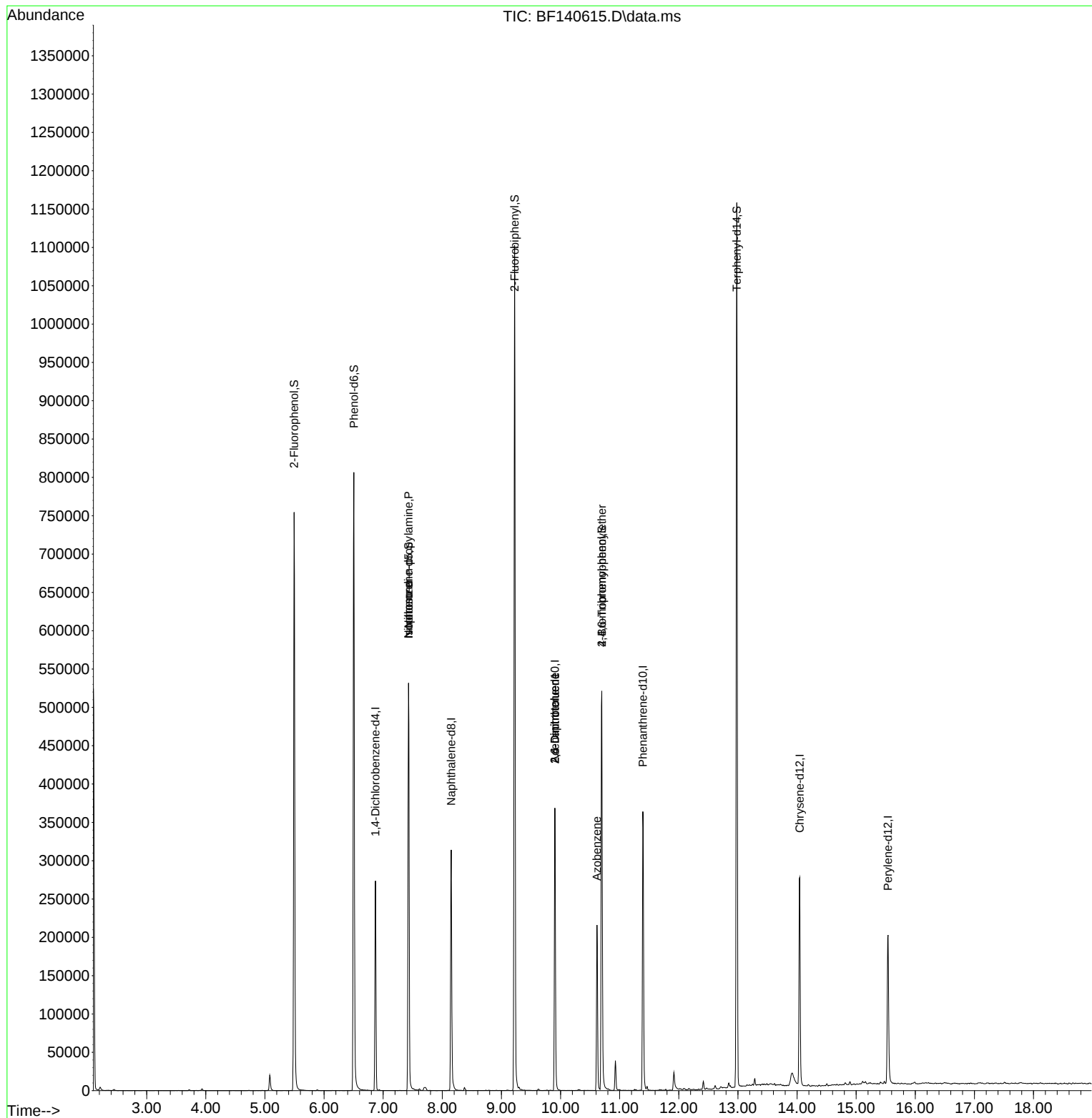
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 56272    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 212229   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 114630   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 214306   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 14.045 | 240  | 141699   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 130450   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 286741   | 86.942 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 381998   | 87.612 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 249525   | 60.139 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 96841    | 78.991 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 483489   | 62.843 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.980 | 244  | 554437   | 60.927 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.428  | 70   | 33259    | 12.907 | ng    | # 78     |
| 25) Isophorone                | 7.428  | 82   | 245816   | 35.520 | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 14219    | 8.305  | ng    | # 19     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 14219    | 6.249  | ng    | # 17     |
| 63) Azobenzene                | 10.616 | 77   | 58640    | 8.073  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 5727     | 2.595  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112524\  
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Sample : P4860-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

Quant Time: Nov 26 00:10:10 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

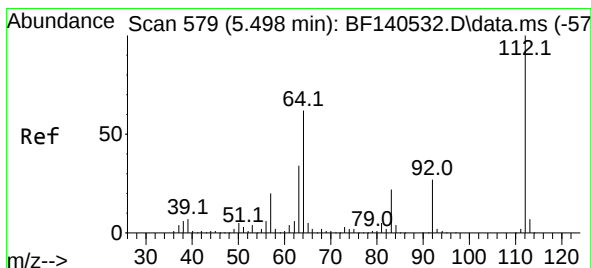
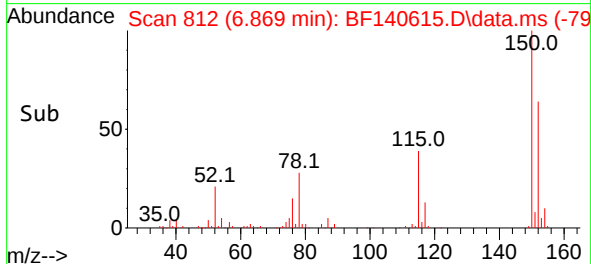
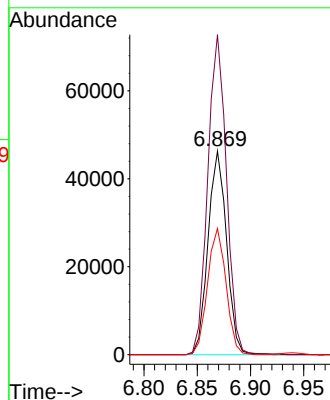
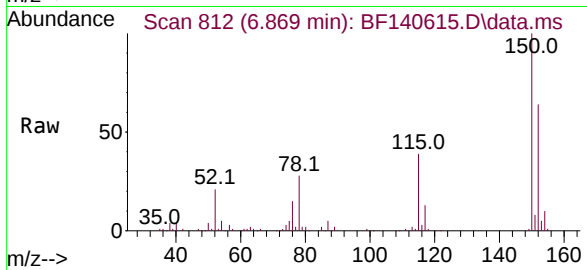




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

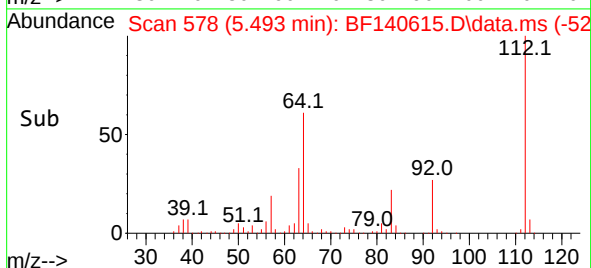
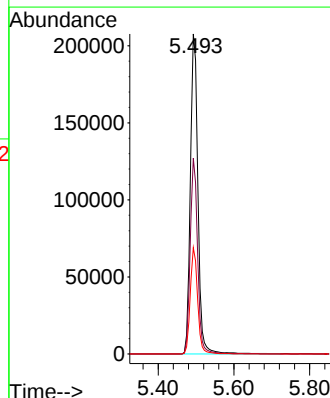
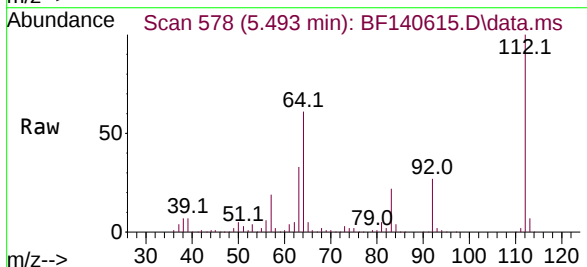
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

Tgt Ion:152 Resp: 56272  
Ion Ratio Lower Upper  
152 100  
150 157.2 128.5 192.7  
115 62.0 50.2 75.4



#5  
2-Fluorophenol  
Concen: 86.942 ng  
RT: 5.493 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Tgt Ion:112 Resp: 286741  
Ion Ratio Lower Upper  
112 100  
64 61.2 49.2 73.8  
63 33.2 27.0 40.4

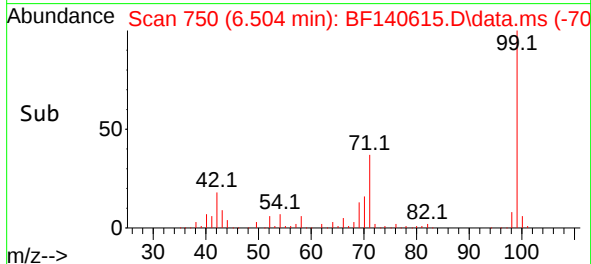
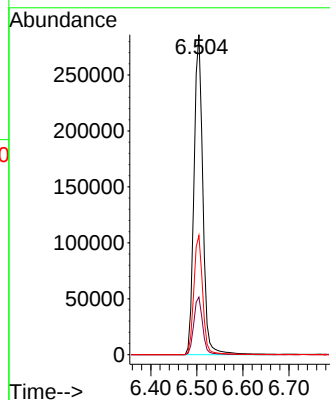
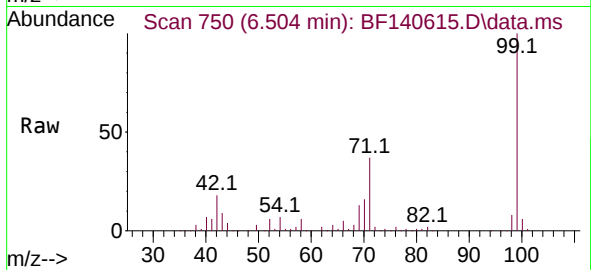




#7  
Phenol-d6  
Concen: 87.612 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

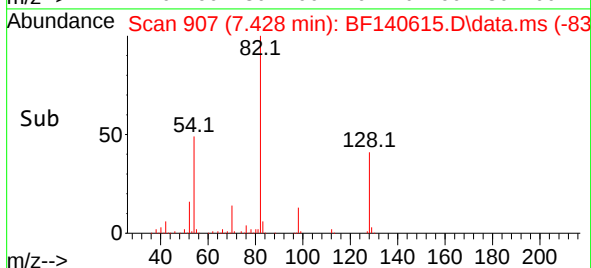
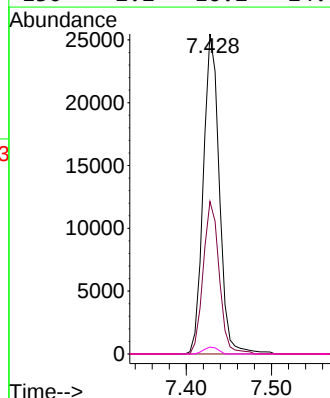
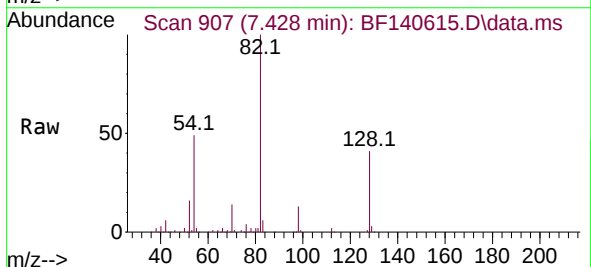
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

Tgt Ion: 99 Resp: 381998  
Ion Ratio Lower Upper  
99 100  
42 18.0 15.4 23.0  
71 37.3 30.6 46.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.907 ng  
RT: 7.428 min Scan# 907  
Delta R.T. 0.141 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Tgt Ion: 70 Resp: 33259  
Ion Ratio Lower Upper  
70 100  
42 47.6 47.6 71.4  
101 0.0 7.6 11.4#  
130 2.2 16.2 24.4#



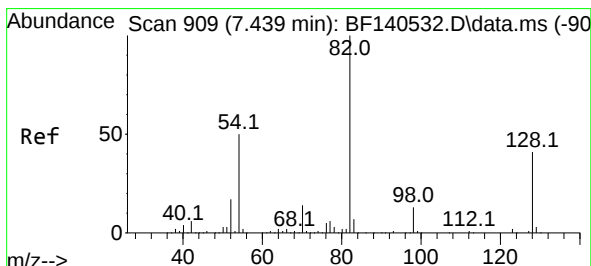
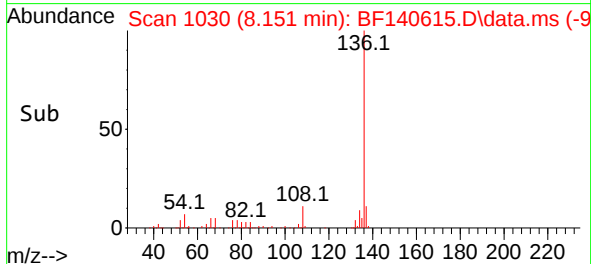
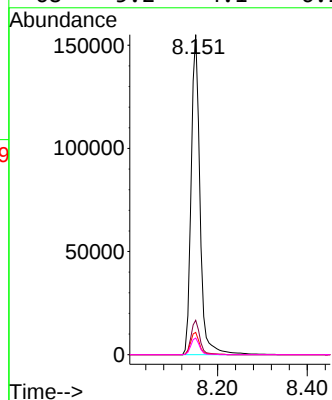
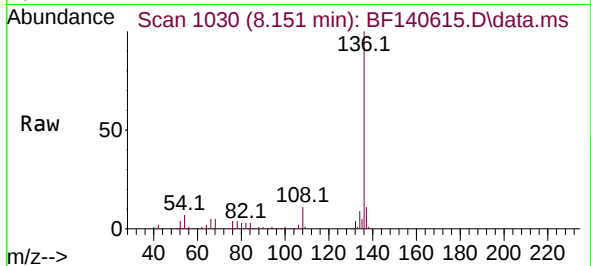


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

Tgt Ion:136 Resp: 212229

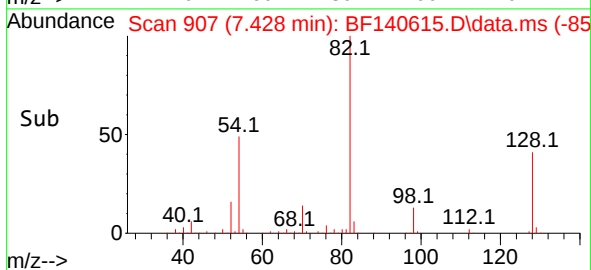
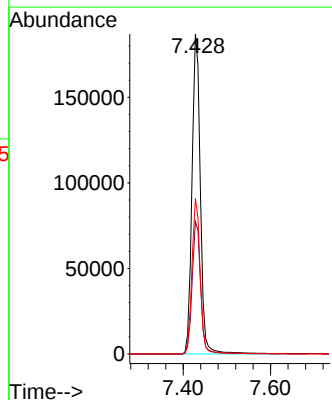
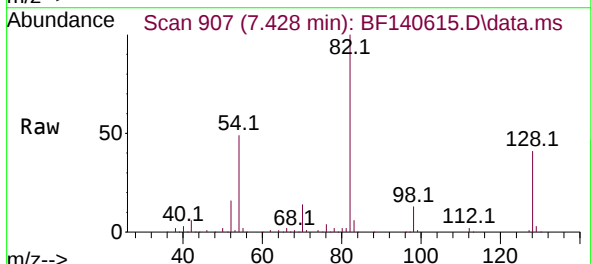
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 13.0  |
| 54  | 6.9   | 5.8   | 8.8   |
| 68  | 5.2   | 4.1   | 6.1   |



#23  
Nitrobenzene-d5  
Concen: 60.139 ng  
RT: 7.428 min Scan# 907  
Delta R.T. -0.012 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Tgt Ion: 82 Resp: 249525

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.4  | 33.0  | 49.4  |
| 54  | 48.5  | 39.5  | 59.3  |

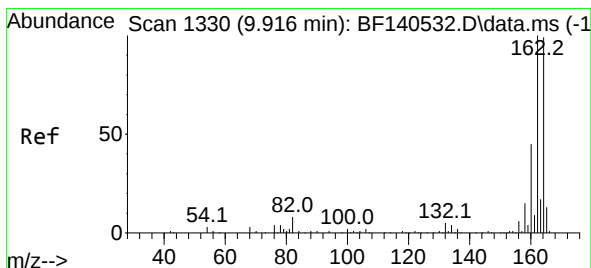
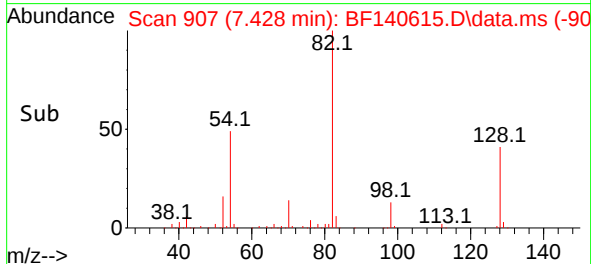
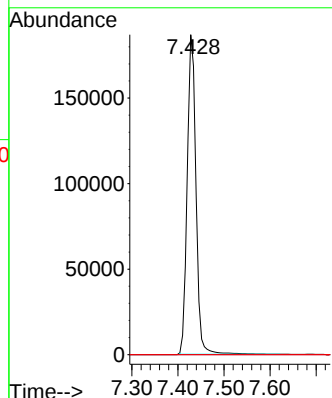
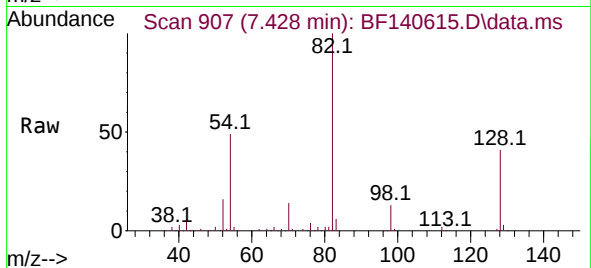




#25  
Isophorone  
Concen: 35.520 ng  
RT: 7.428 min Scan# 90  
Delta R.T. -0.270 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

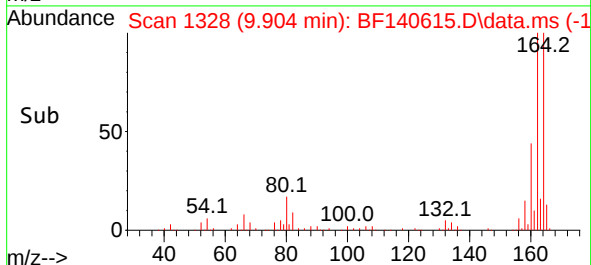
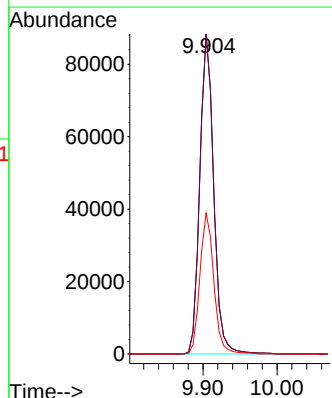
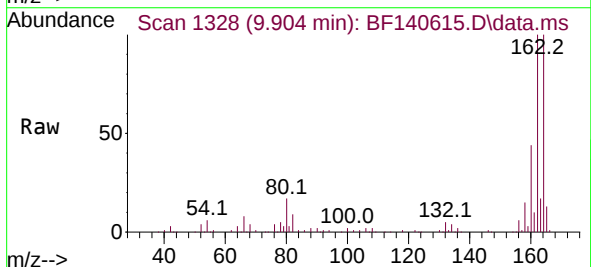
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

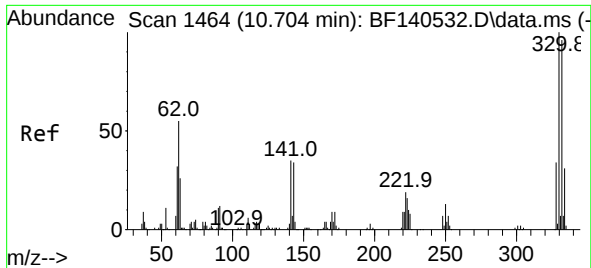
Tgt Ion: 82 Resp: 245816  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

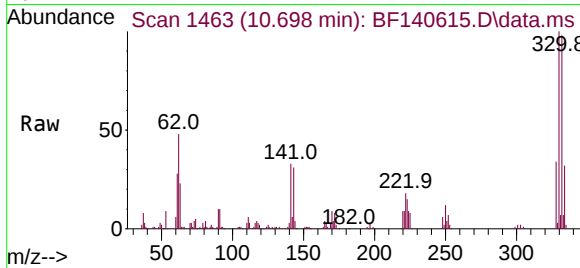
Tgt Ion:164 Resp: 114630  
Ion Ratio Lower Upper  
164 100  
162 99.8 80.6 120.8  
160 44.1 36.2 54.4



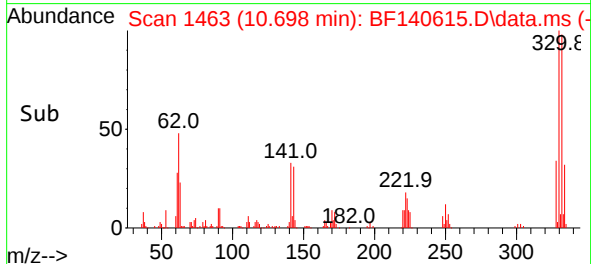
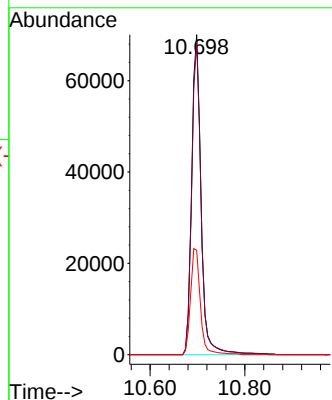


#42  
2,4,6-Tribromophenol  
Concen: 78.991 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

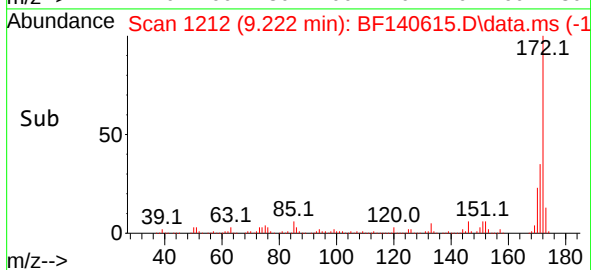
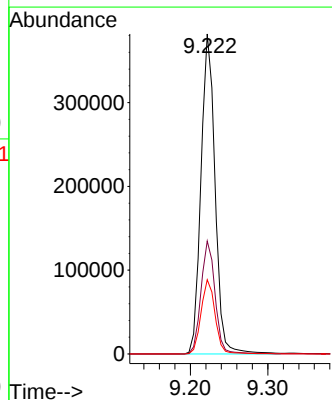
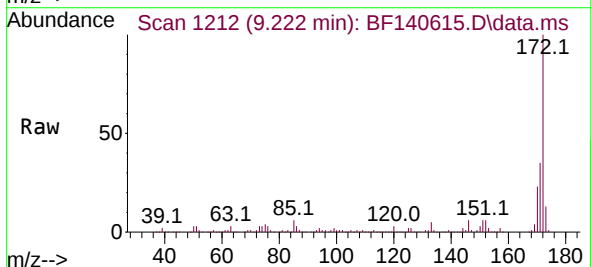


Tgt Ion:330 Resp: 96841  
Ion Ratio Lower Upper  
330 100  
332 97.8 76.9 115.3  
141 34.5 26.7 40.1



#45  
2-Fluorobiphenyl  
Concen: 62.843 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.012 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Tgt Ion:172 Resp: 483489  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.4 42.6  
170 23.2 19.0 28.6

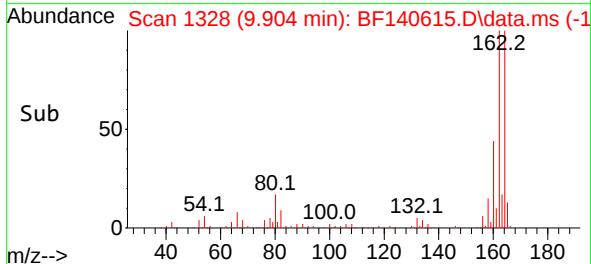
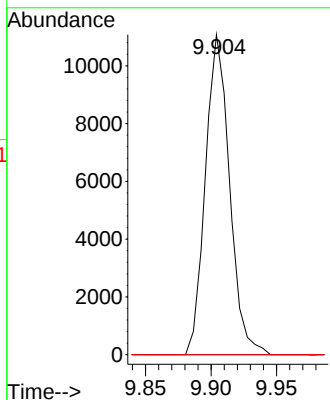
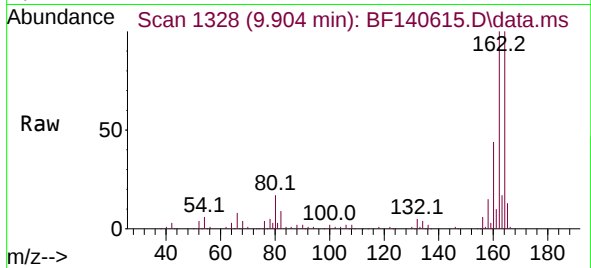




#51  
2,6-Dinitrotoluene  
Concen: 8.305 ng  
RT: 9.904 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

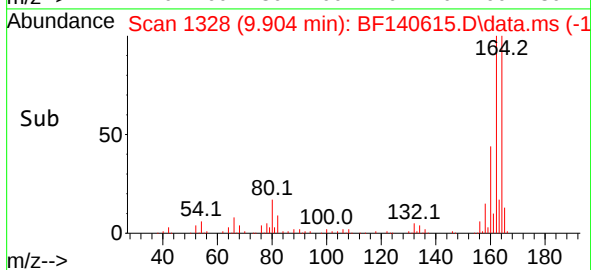
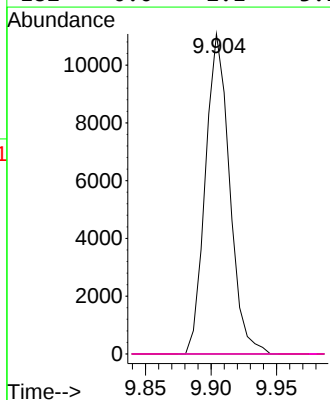
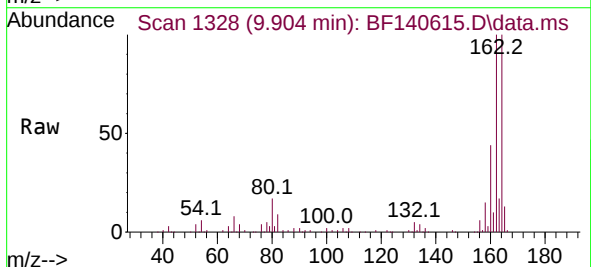
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

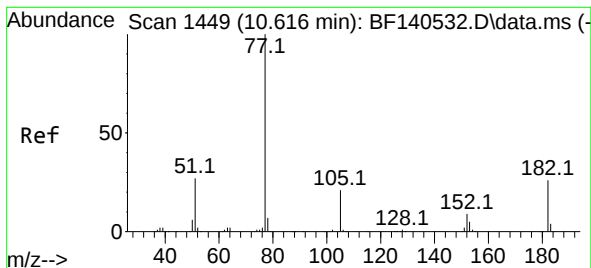
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Ion Ratio Lower Upper  
165 100  
63 0.0 49.9 74.9#  
89 0.0 50.9 76.3#



#57  
2,4-Dinitrotoluene  
Concen: 6.249 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.200 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Tgt Ion:165 Resp: 14219  
Ion Ratio Lower Upper  
165 100  
63 0.0 41.7 62.5#  
89 0.0 65.8 98.8#  
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 8.073 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140615.D

Acq: 25 Nov 2024 20:45

Instrument :

BNA\_F

ClientSampleId :

PH2-BOT-009

Tgt Ion: 77 Resp: 58640

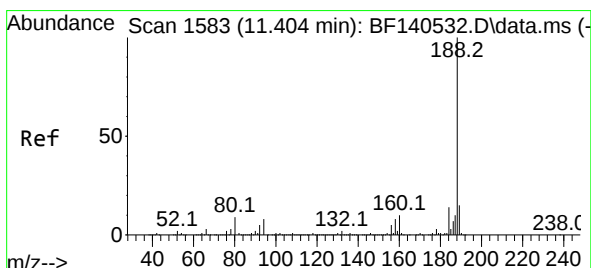
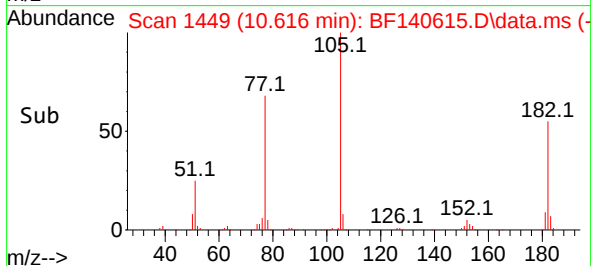
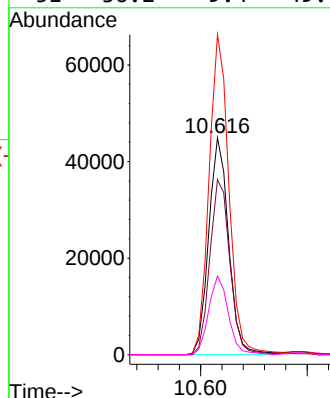
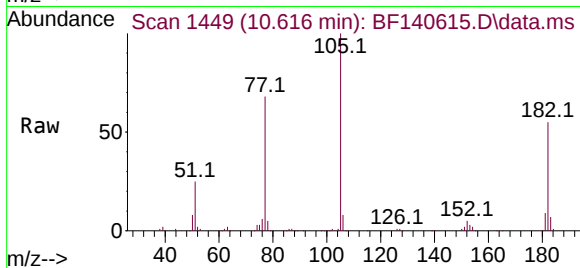
Ion Ratio Lower Upper

77 100

182 80.7 5.3 45.3#

105 147.4 0.3 40.3#

51 36.2 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140615.D

Acq: 25 Nov 2024 20:45

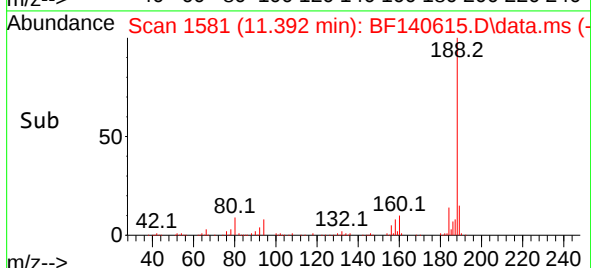
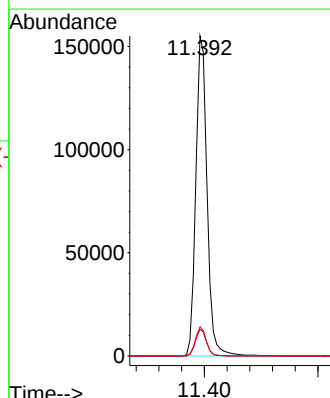
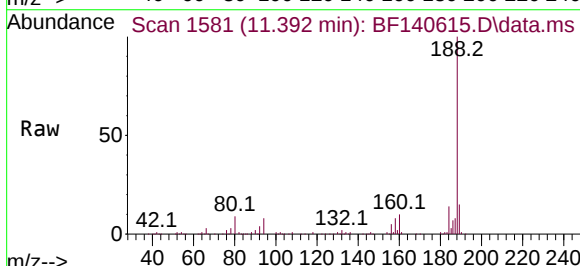
Tgt Ion: 188 Resp: 214306

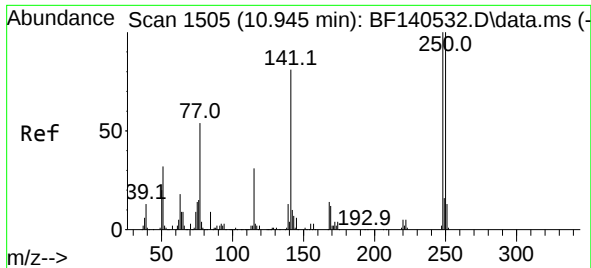
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.1 6.9 10.3

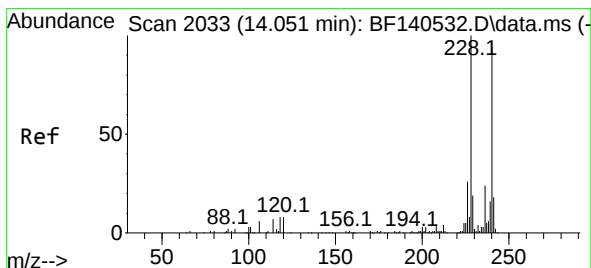
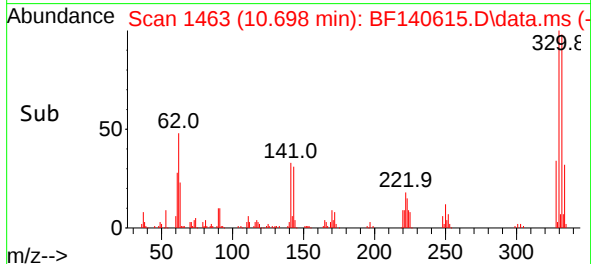
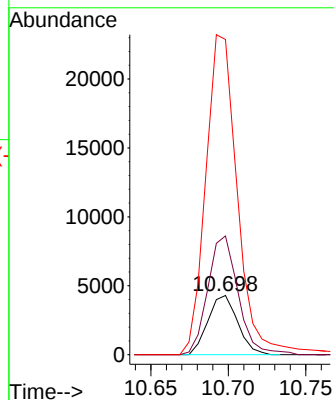
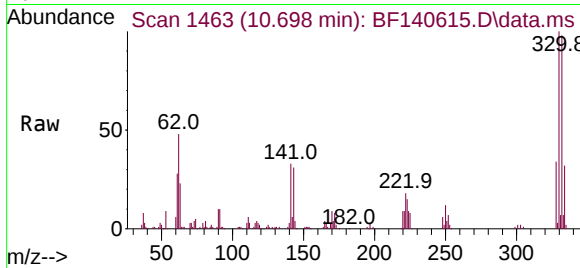




#67  
4-Bromophenyl-phenylether  
Concen: 2.595 ng  
RT: 10.698 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

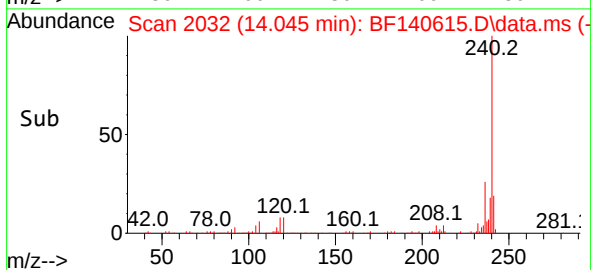
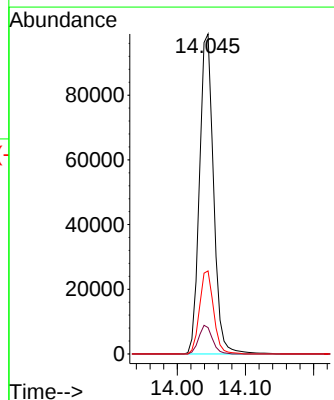
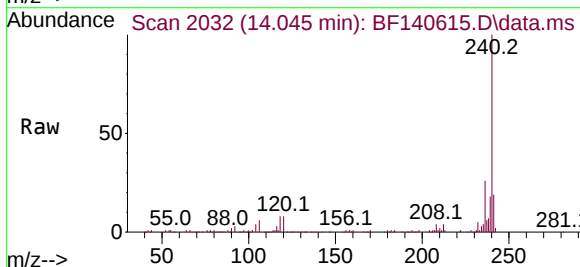
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009

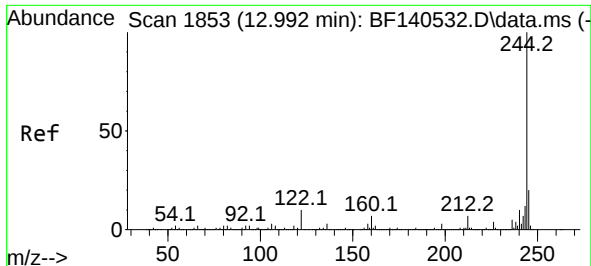
Tgt Ion:248 Resp: 5727  
Ion Ratio Lower Upper  
248 100  
250 200.7 79.8 119.8#  
141 532.5 64.7 97.1#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

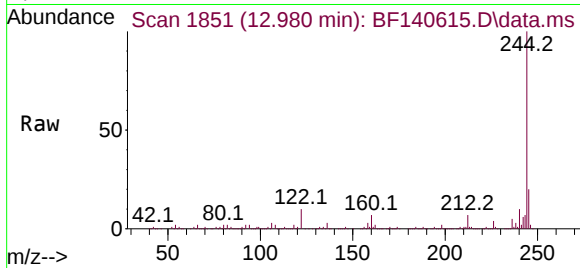
Tgt Ion:240 Resp: 141699  
Ion Ratio Lower Upper  
240 100  
120 8.2 7.3 10.9  
236 26.0 20.6 31.0



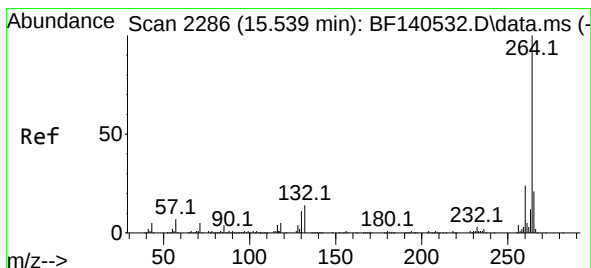
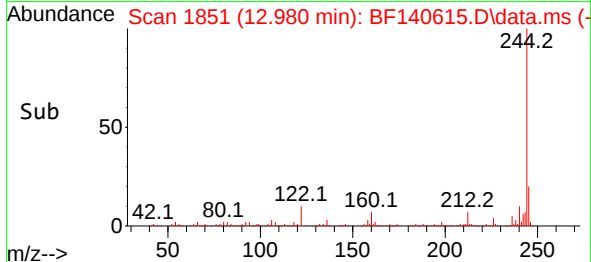
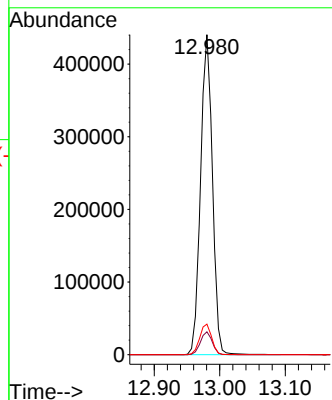


#79  
Terphenyl-d14  
Concen: 60.927 ng  
RT: 12.980 min Scan# 1851  
Delta R.T. -0.012 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-009



Tgt Ion:244 Resp: 554437  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.8  
122 9.5 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: BF140615.D  
Acq: 25 Nov 2024 20:45

Tgt Ion:264 Resp: 130450  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.0 28.6  
265 21.1 16.6 25.0

