

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF111618\  
 Data File : BF110830.D  
 Acq On : 16 Nov 2018 21:22  
 Operator : JU/SJ  
 Sample : J5963-03 100X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FS-OILY-PAD

Quant Time: Nov 16 23:28:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

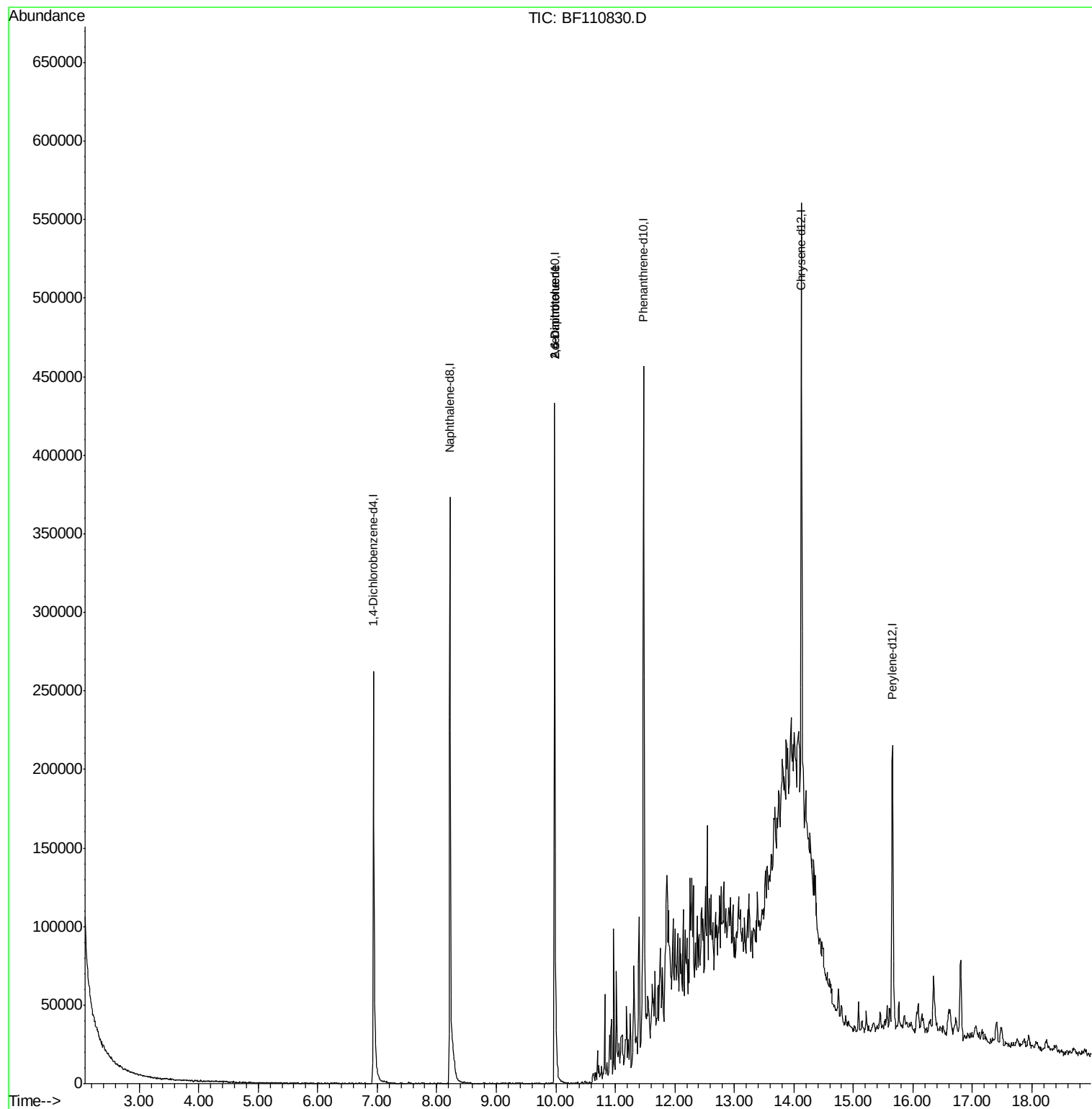
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.94  | 152  | 53633    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.22  | 136  | 251116   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.98  | 164  | 114130   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.47 | 188  | 194515   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.13 | 240  | 148200   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12            | 15.66 | 264  | 109781   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 0.00  | 112  | 0        | 0.00  | ng    |          |
| 7) Phenol-d6                | 0.00  | 99   | 0        | 0.00  | ng    |          |
| 23) Nitrobenzene-d5         | 0.00  | 82   | 0        | 0.00  | ng    |          |
| 42) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00  | ng    |          |
| 45) 2-Fluorobiphenyl        | 9.31  | 172  | 108      | 0.01  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.07 | 244  | 528      | 0.07  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 51) 2,6-Dinitrotoluene      | 9.98  | 165  | 14300    | 7.633 | ng    | # 21     |
| 57) 2,4-Dinitrotoluene      | 9.98  | 165  | 14297    | 5.870 | ng    | # 17     |

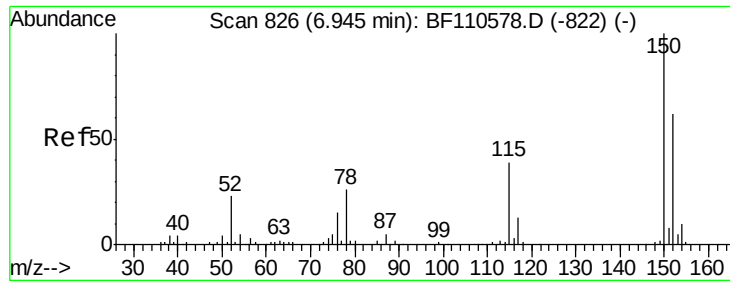
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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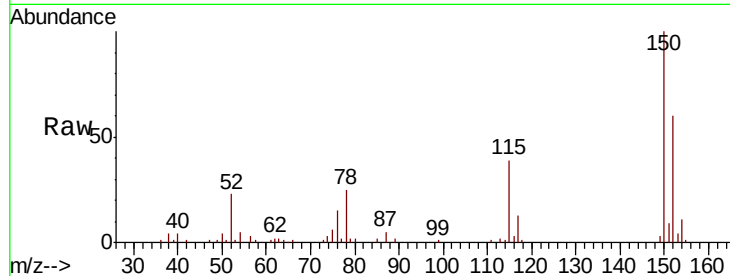


#1

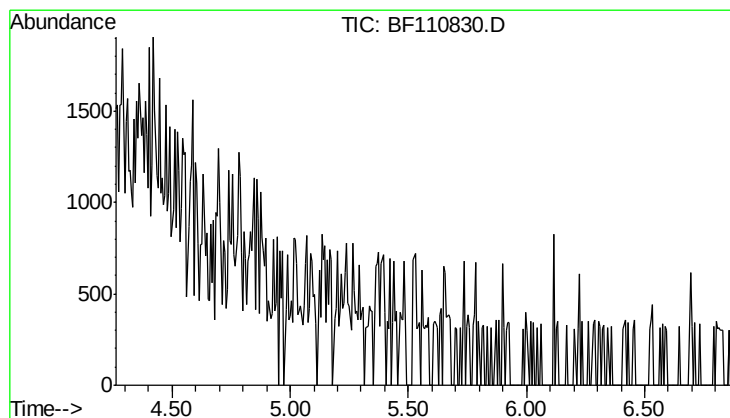
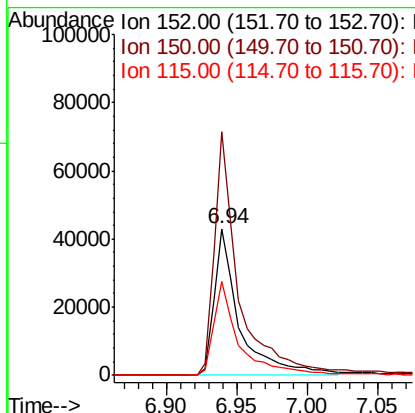
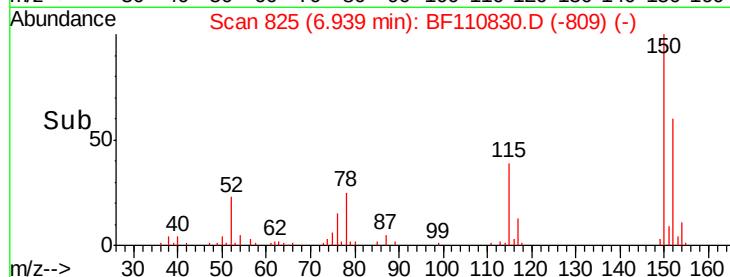
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.94 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BF110830.D  
Acq: 16 Nov 2018 21:22

Instrument :  
BNA\_F  
ClientSampleId :  
FS-OILY-PAD

Tgt Ion:152 Resp: 53633  
Ion Ratio Lower Upper  
152 100  
150 165.8 122.7 184.1  
115 64.0 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E

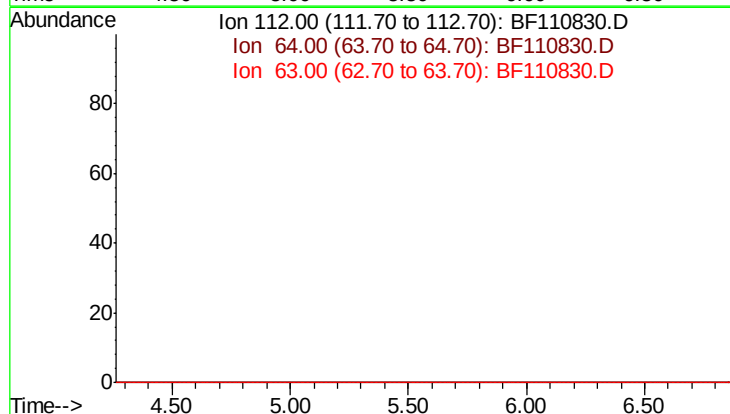


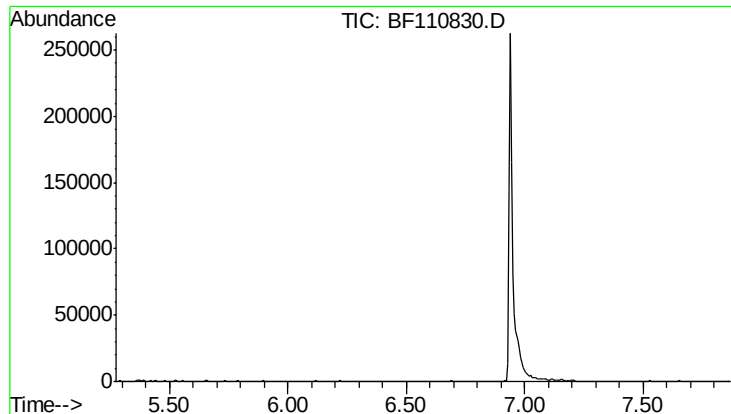
#5

2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.56 min

Lab File: BF110830.D  
Acq: 16 Nov 2018 21:22

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 55.1  
63 29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.57 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

Instrument :

BNA\_F

ClientSampleId :

FS-OILY-PAD

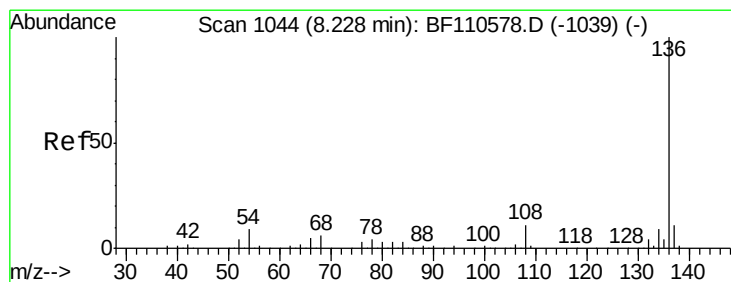
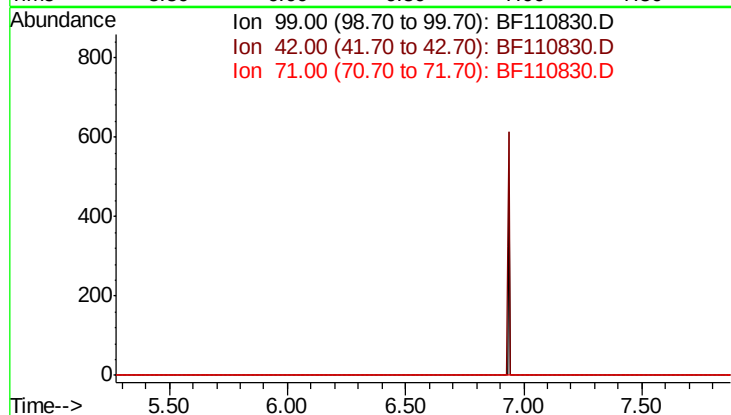
Tgt Ion: 99

Sig Exp Ratio

99 100

42 19.7

71 35.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

Tgt Ion: 136 Resp: 251116

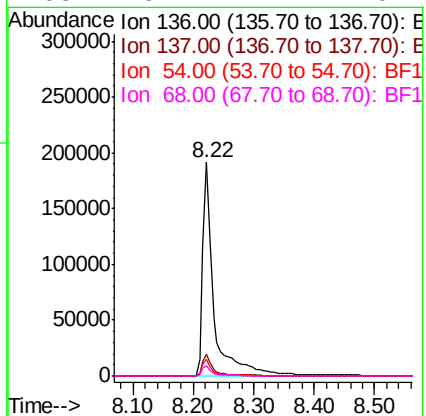
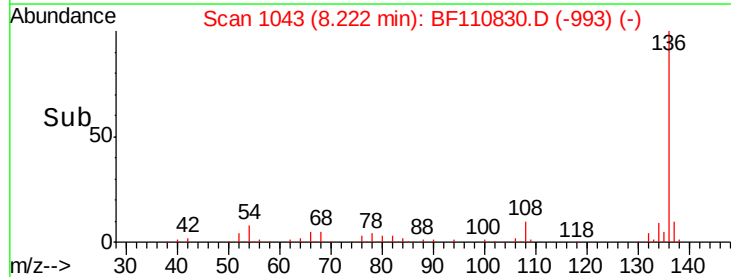
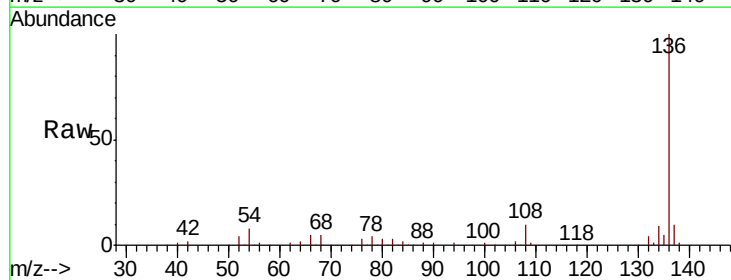
Ion Ratio Lower Upper

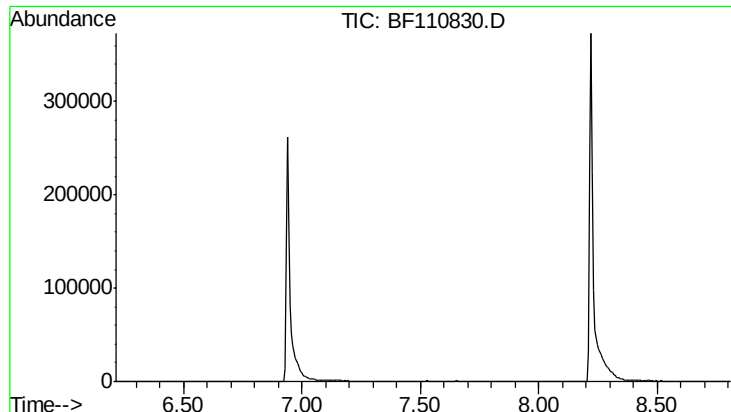
136 100

137 10.3 8.8 13.2

54 7.6 5.4 8.2

68 5.1 4.2 6.2

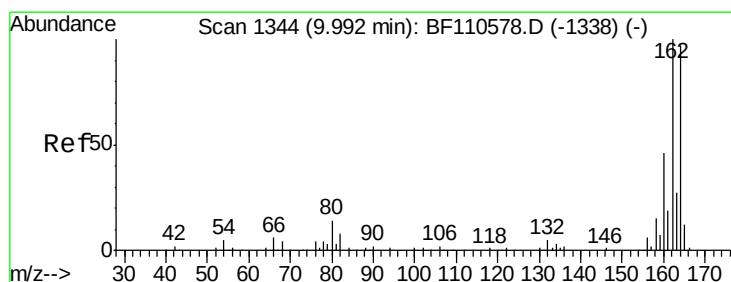
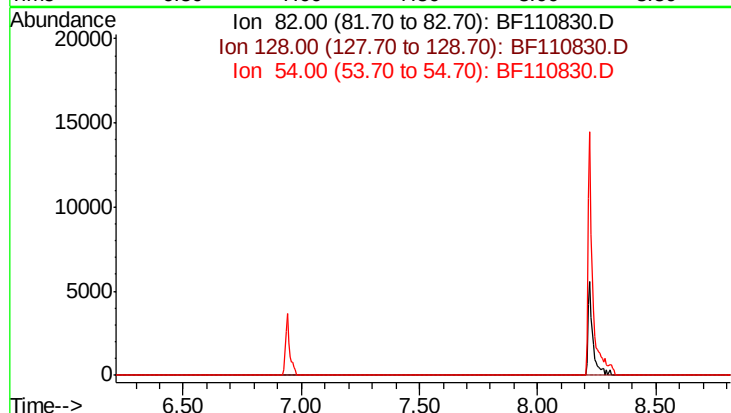




#23  
 Nitrobenzene-d5  
 Concen: 0.000 ng  
 Expected RT: 7.52 min  
 Lab File: BF110830.D  
 Acq: 16 Nov 2018 21:22

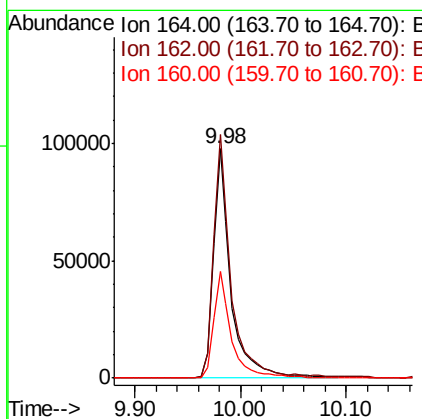
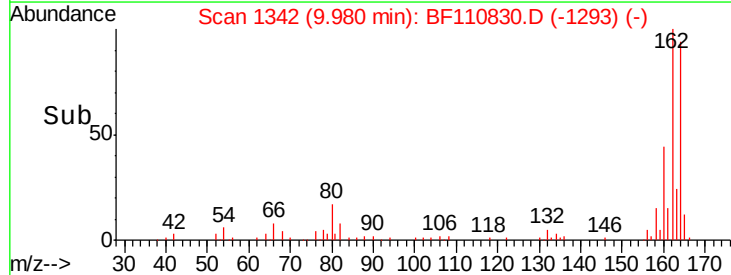
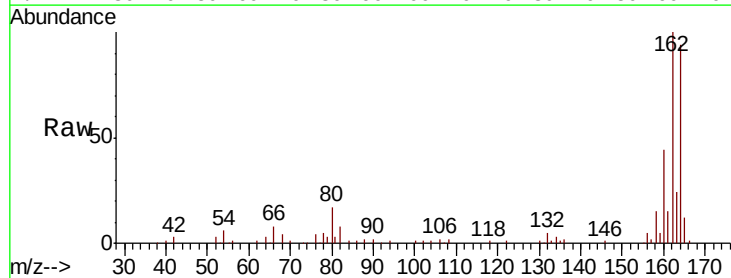
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FS-OILY-PAD

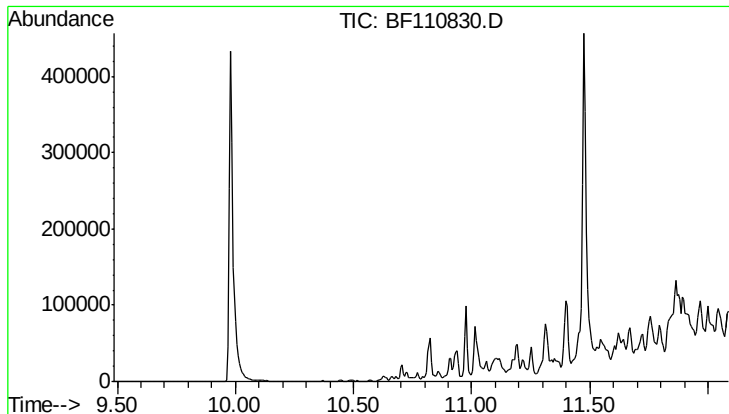
Tgt Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 42.7  
 54 48.3



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.98 min Scan# 1342  
 Delta R.T. -0.01 min  
 Lab File: BF110830.D  
 Acq: 16 Nov 2018 21:22

Tgt Ion: 164 Resp: 114130  
 Ion Ratio Lower Upper  
 164 100  
 162 106.1 83.0 124.6  
 160 46.3 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.79 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

Instrument :

BNA\_F

ClientSampleId :

FS-OILY-PAD

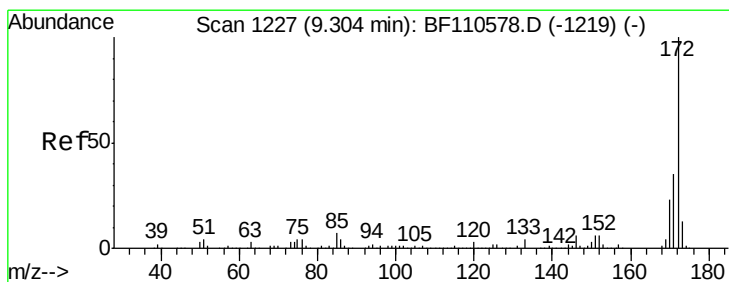
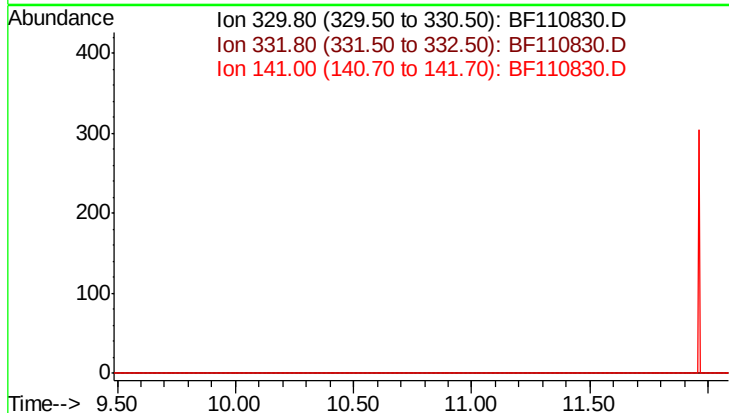
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.4

141 33.7



#45

2-Fluorobiphenyl

Concen: 0.014 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

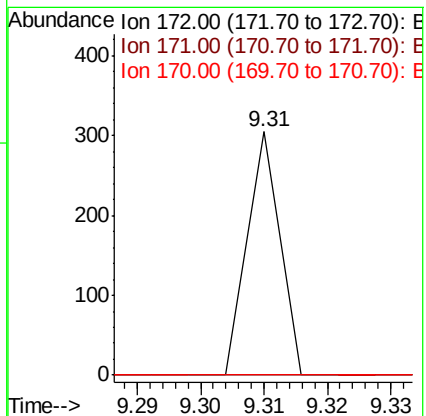
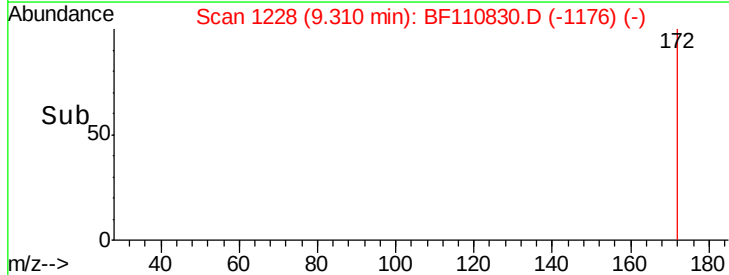
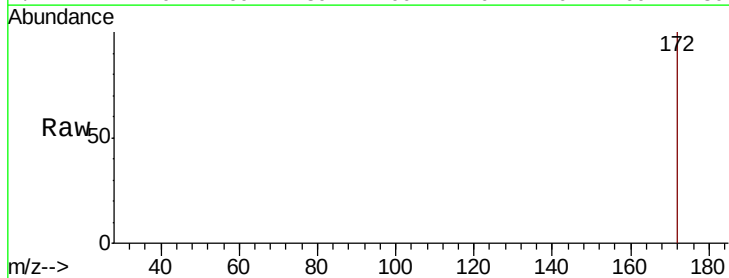
Tgt Ion: 172 Resp: 108

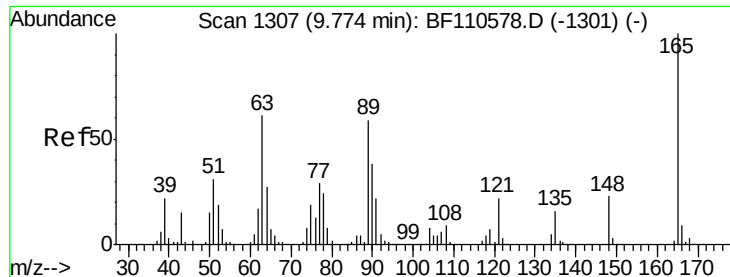
Ion Ratio Lower Upper

172 100

171 0.0 28.6 43.0#

170 0.0 19.7 29.5#

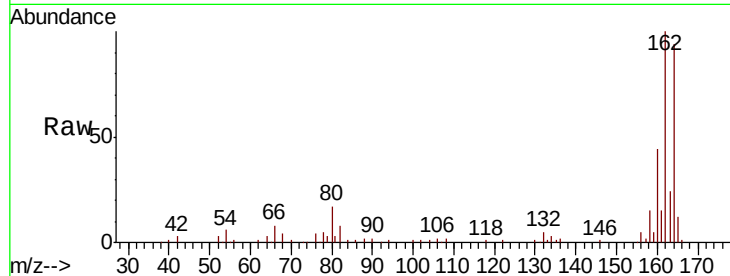




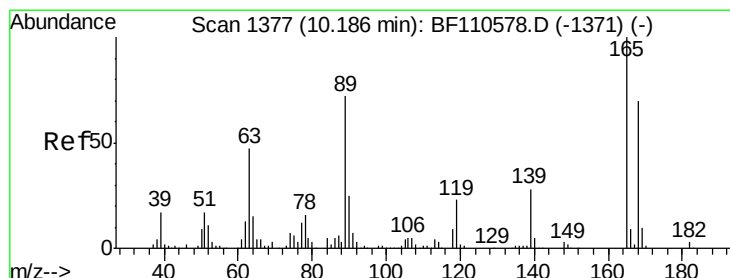
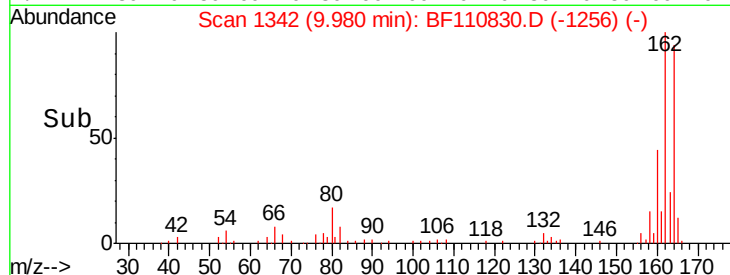
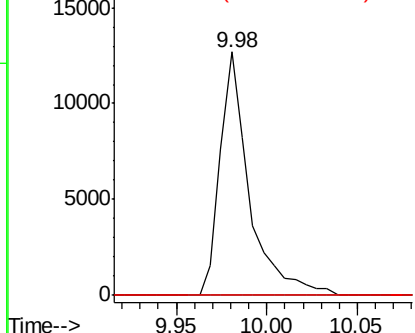
#51  
 2,6-Dinitrotoluene  
 Concen: 7.633 ng  
 RT: 9.98 min Scan# 1342  
 Delta R.T. 0.21 min  
 Lab File: BF110830.D  
 Acq: 16 Nov 2018 21:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FS-OILY-PAD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 0.0   | 48.9  | 73.3# |
| 89      | 0.0   | 46.6  | 69.8# |



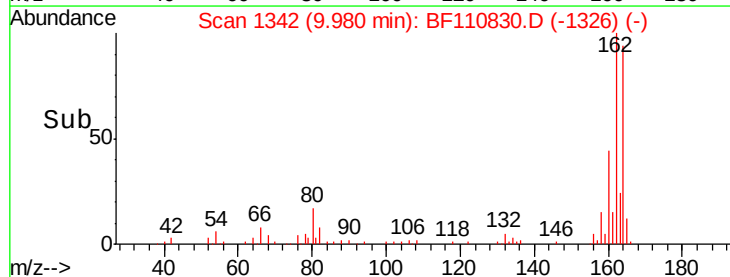
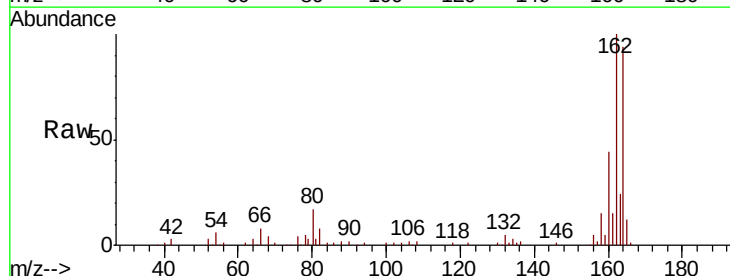
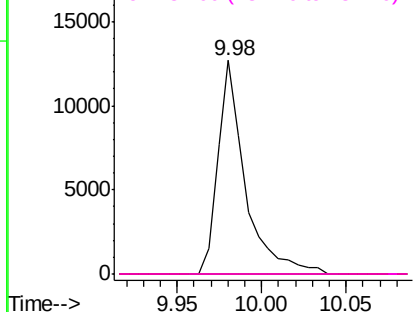
Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

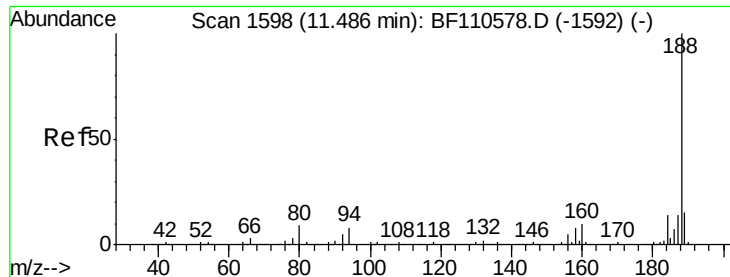


#57  
 2,4-Dinitrotoluene  
 Concen: 5.870 ng  
 RT: 9.98 min Scan# 1342  
 Delta R.T. -0.21 min  
 Lab File: BF110830.D  
 Acq: 16 Nov 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 0.0   | 44.8  | 67.2# |
| 89      | 0.0   | 62.2  | 93.4# |
| 182     | 0.0   | 2.1   | 3.1#  |

Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

Instrument :

BNA\_F

ClientSampleId :

FS-OILY-PAD

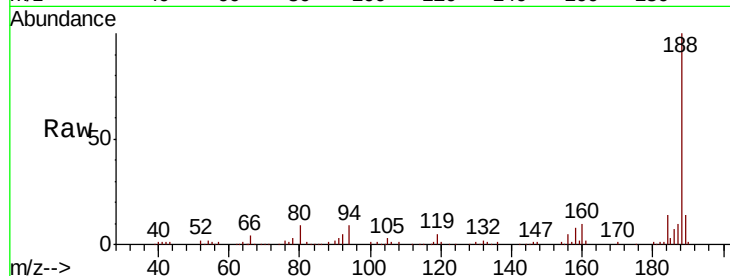
Tgt Ion:188 Resp: 194515

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

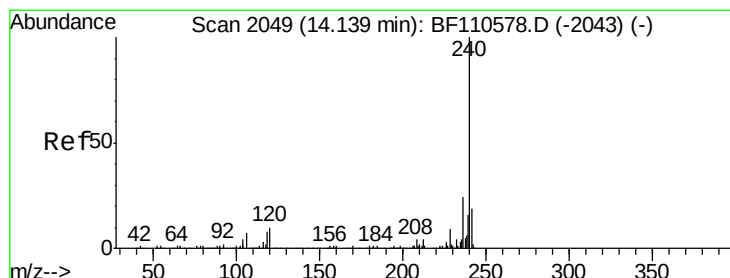
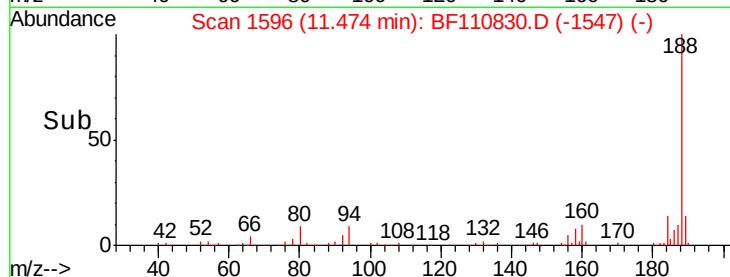
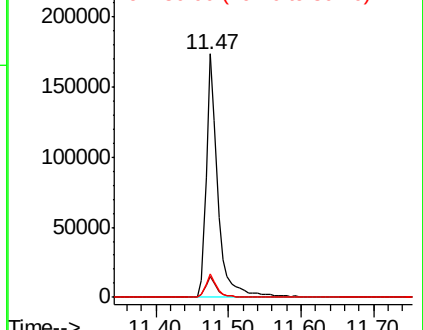
80 9.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

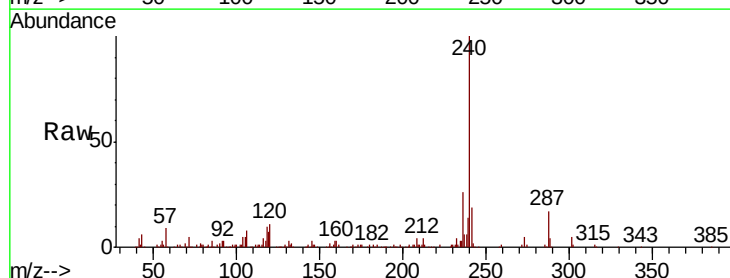
Tgt Ion:240 Resp: 148200

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

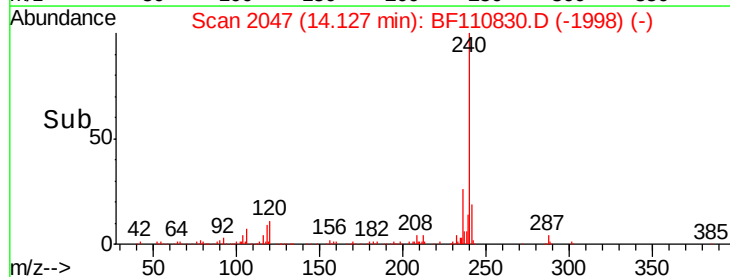
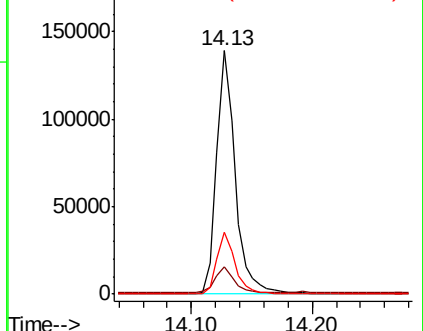
236 25.6 21.2 31.8



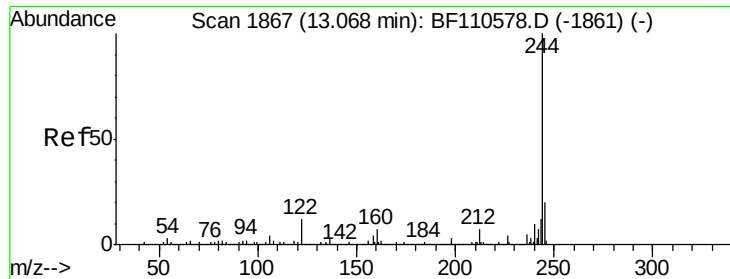
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#79

Terphenyl-d14

Concen: 0.067 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

Instrument :

BNA\_F

ClientSampleId :

FS-OILY-PAD

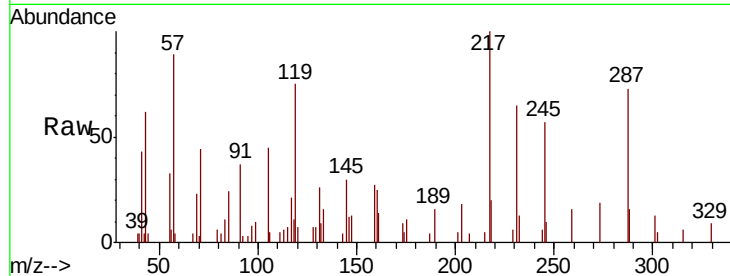
Tgt Ion:244 Resp: 528

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

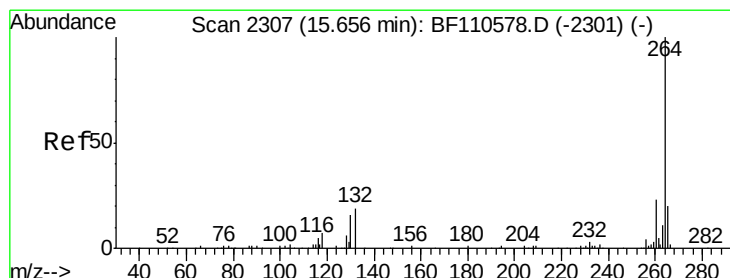
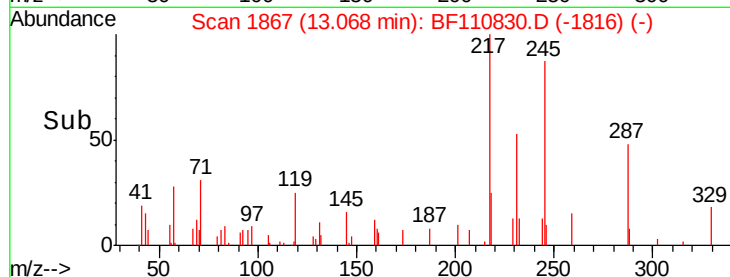
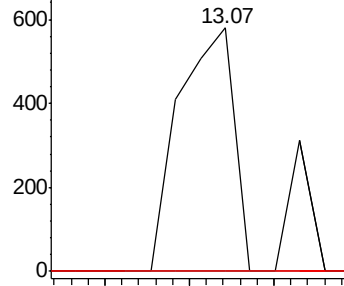
122 0.0 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110830.D

Acq: 16 Nov 2018 21:22

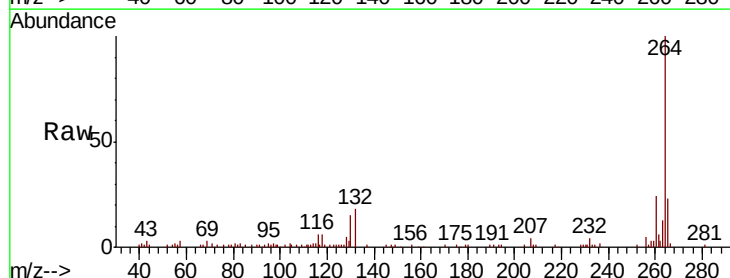
Tgt Ion:264 Resp: 109781

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 23.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

