

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040615\  
 Data File : BF078265.D  
 Acq On : 6 Apr 2015 19:10  
 Operator : TP/IZ  
 Sample : G1755-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-03

Quant Time: Apr 07 01:27:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 07 02:08:45 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.98  | 152  | 42129    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.56  | 136  | 171042   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.72 | 164  | 85890    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.55 | 188  | 168677   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 15.81 | 240  | 180626   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 17.49 | 264  | 170184   | 20.00  | ng    | -0.15    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.26  | 112  | 141972   | 55.56  | ng    | 0.00     |
| 7) Phenol-d6                | 6.58  | 99   | 107315   | 33.51  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.68  | 82   | 246044   | 87.19  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.70 | 330  | 107461   | 150.86 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.90  | 172  | 553056   | 92.04  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.55 | 244  | 648496   | 81.13  | ng    | 0.00     |

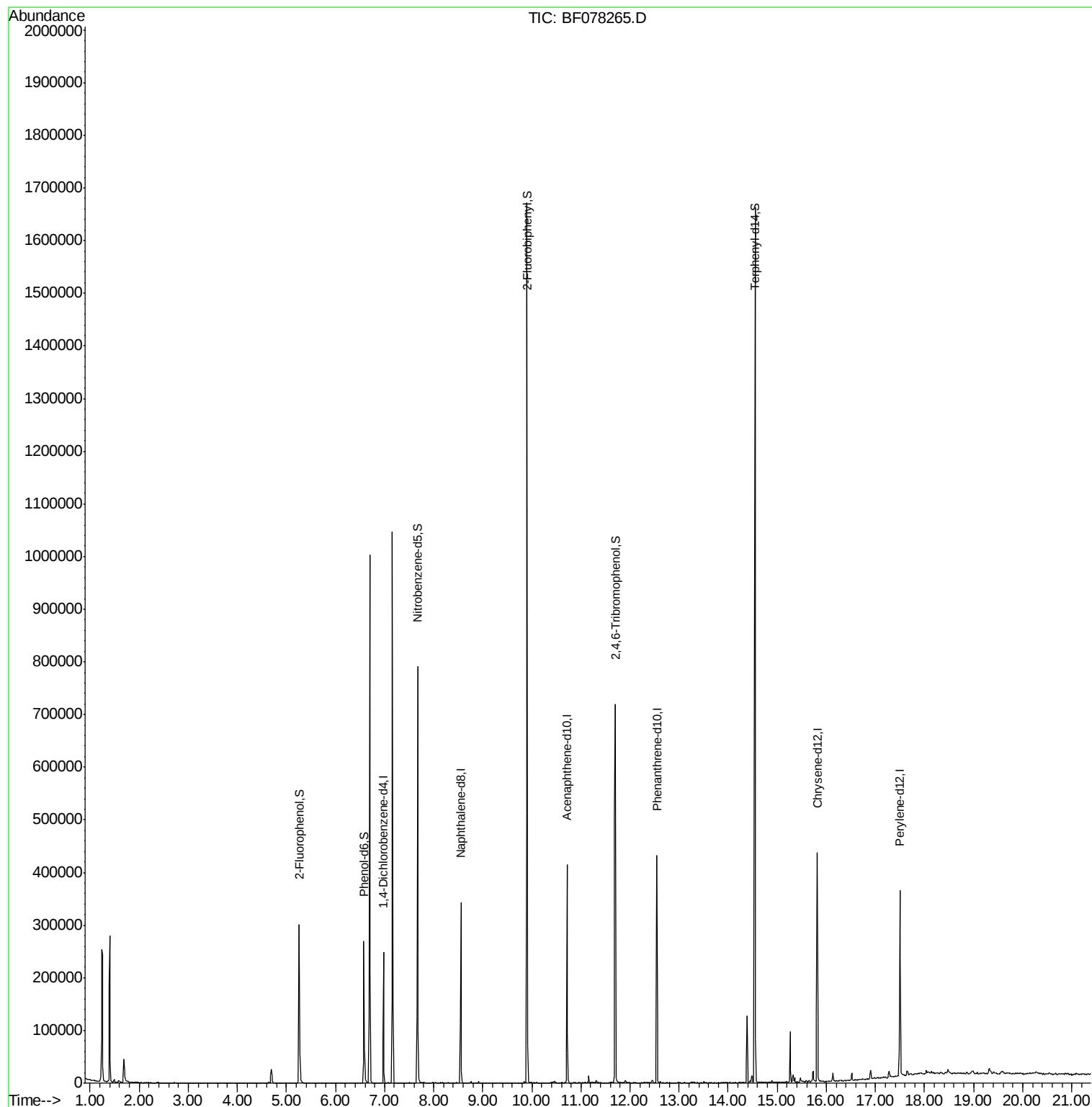
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

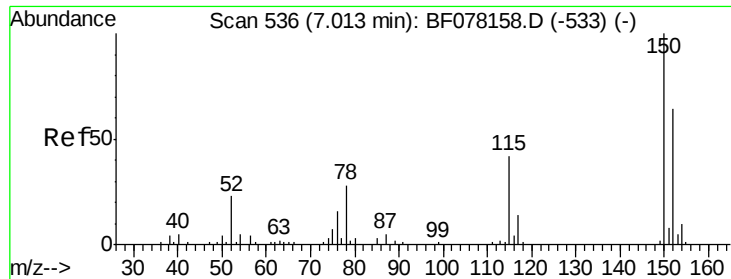
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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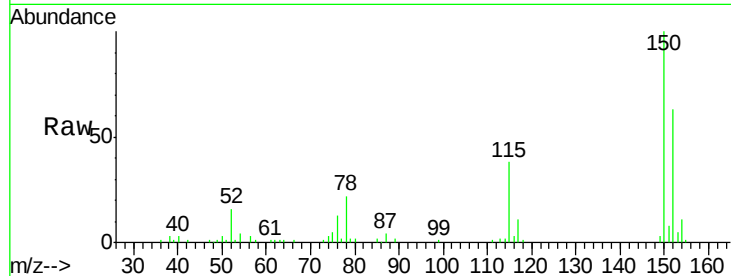


#1

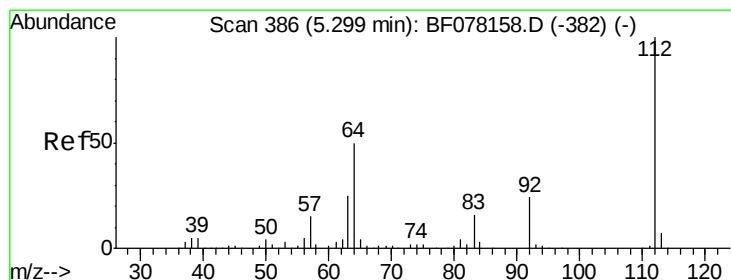
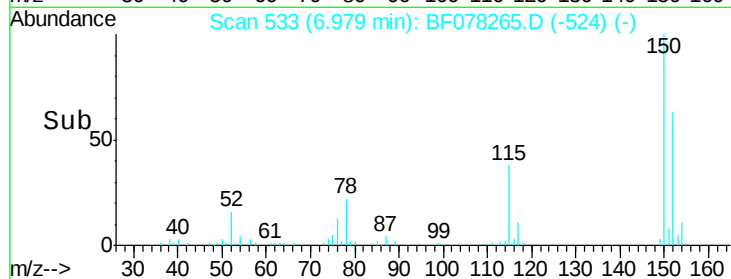
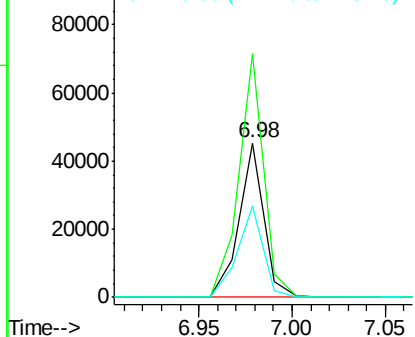
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.98 min Scan# 533  
Delta R.T. 0.00 min  
Lab File: BF078265.D  
Acq: 6 Apr 2015 19:10

Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

Tgt Ion:152 Resp: 42129  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.9 188.9  
115 59.5 52.7 79.1



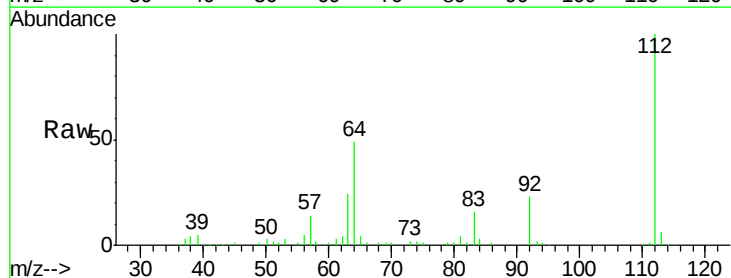
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



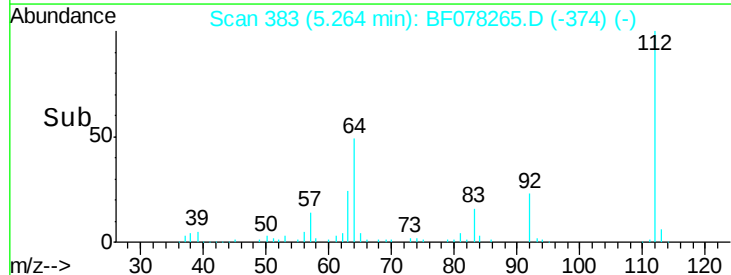
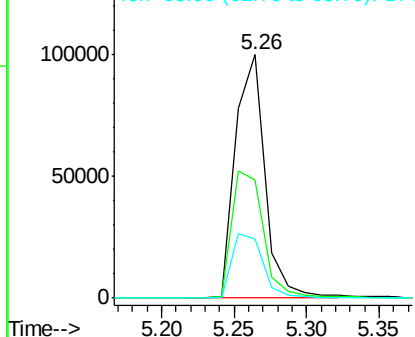
#5

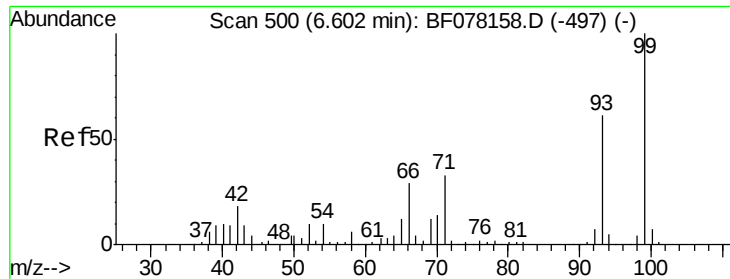
2-Fluorophenol  
Concen: 55.56 ng  
RT: 5.26 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: BF078265.D  
Acq: 6 Apr 2015 19:10

Tgt Ion:112 Resp: 141972  
Ion Ratio Lower Upper  
112 100  
64 48.7 39.9 59.9  
63 24.4 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.51 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

Instrument :

BNA\_F

ClientSampled :

MW-03

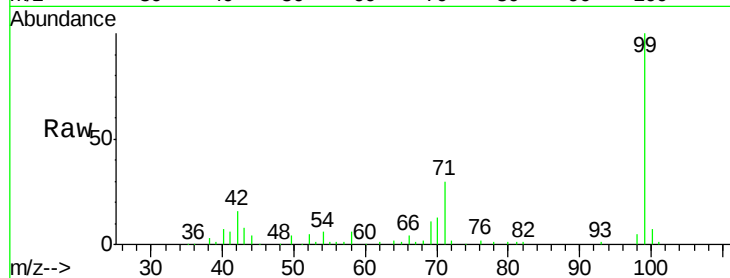
Tgt Ion: 99 Resp: 107315

Ion Ratio Lower Upper

99 100

42 15.7 14.8 22.2

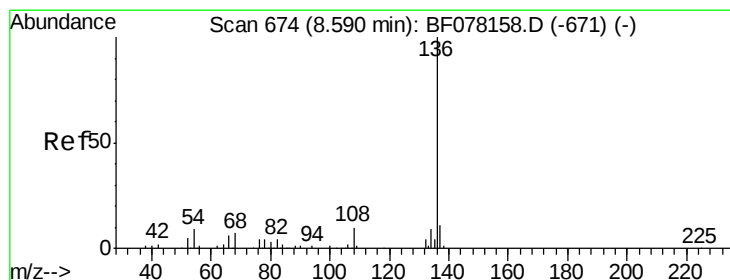
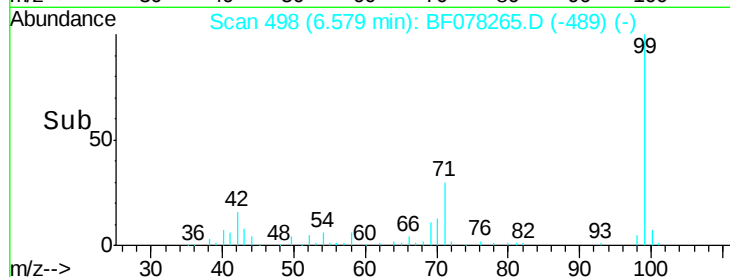
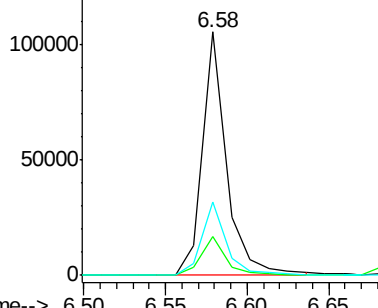
71 30.4 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

Tgt Ion: 136 Resp: 171042

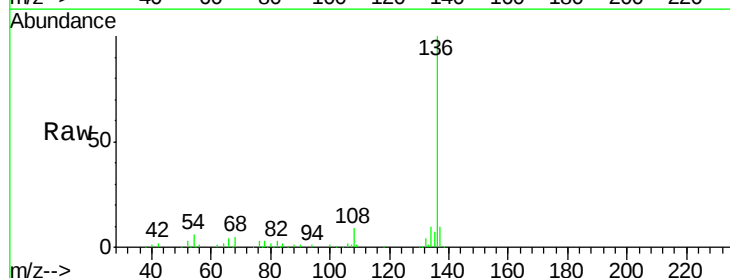
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.2 7.0 10.6#

68 5.1 5.4 8.2#

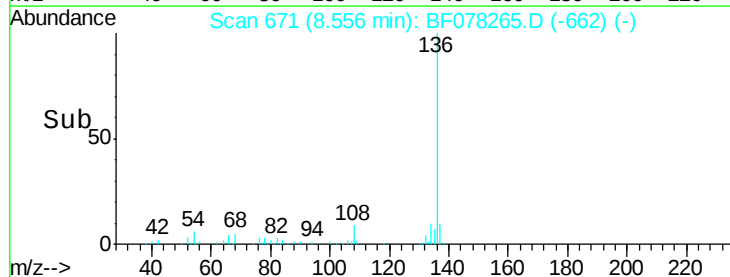
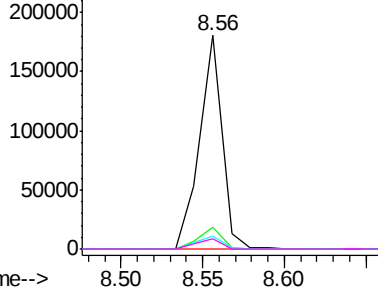


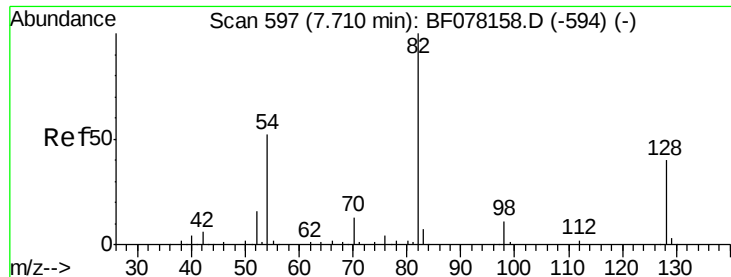
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 87.19 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

Instrument :

BNA\_F

ClientSampleId :

MW-03

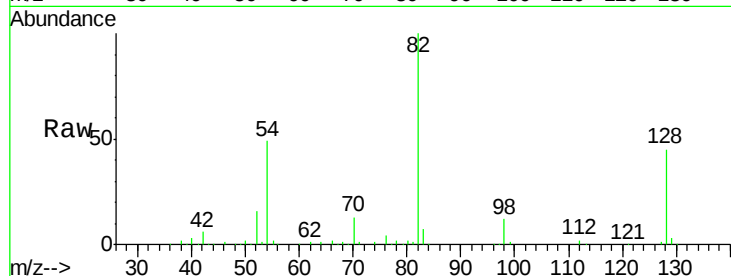
Tgt Ion: 82 Resp: 246044

Ion Ratio Lower Upper

82 100

128 44.8 31.8 47.8

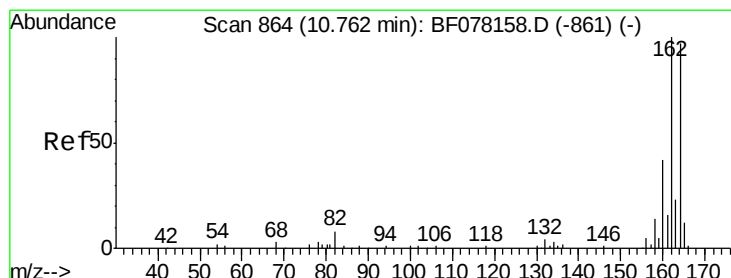
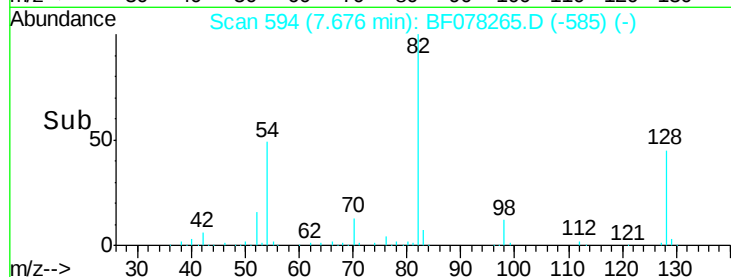
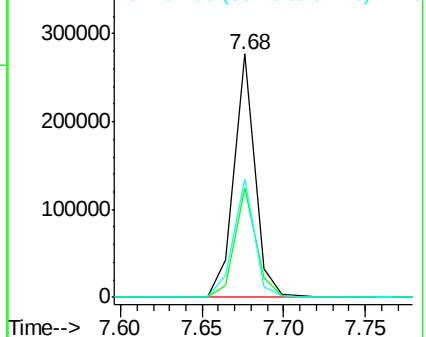
54 48.5 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

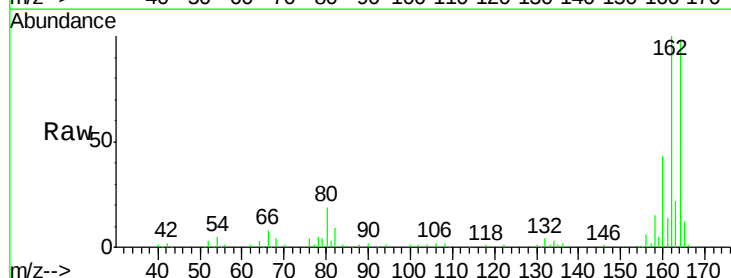
Tgt Ion: 164 Resp: 85890

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.2

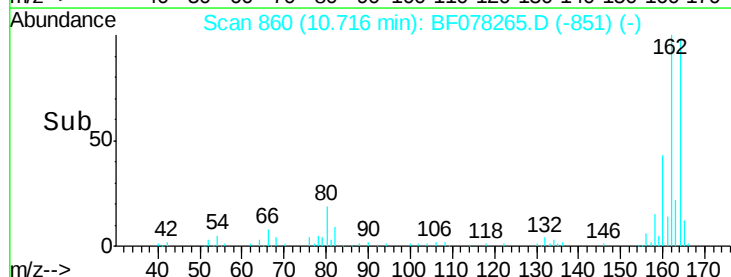
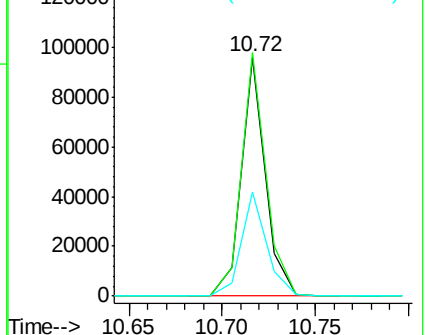
160 43.9 34.7 52.1

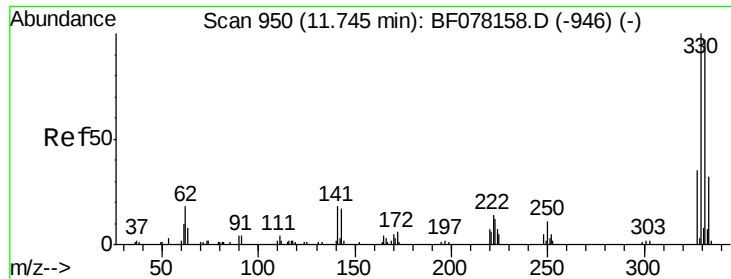


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

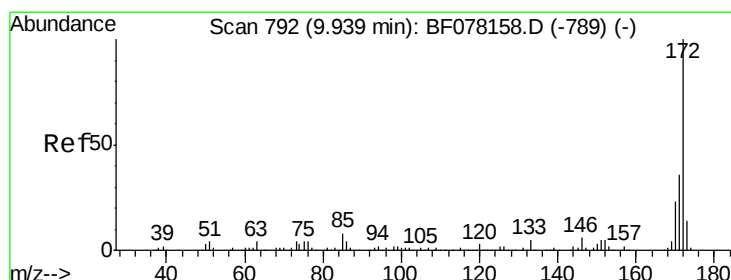
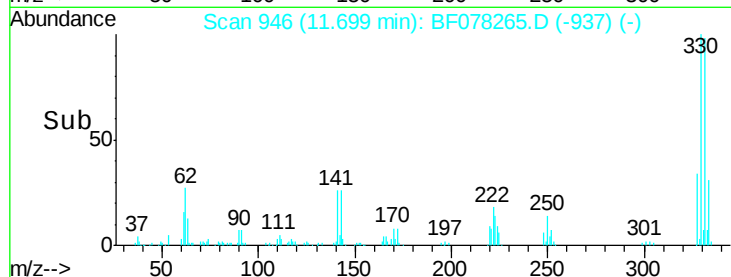
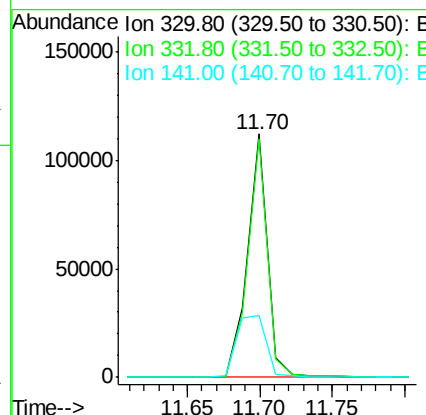
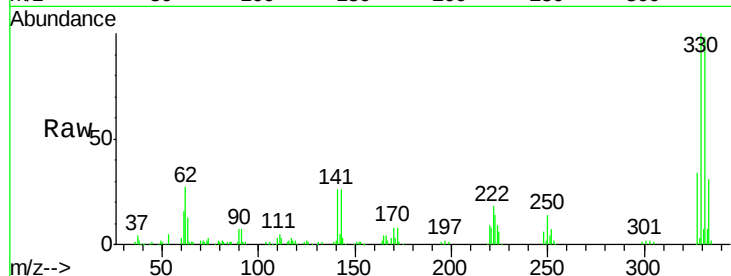




#41  
 2,4,6-Tribromophenol  
 Concen: 150.86 ng  
 RT: 11.70 min Scan# 946  
 Delta R.T. 0.00 min  
 Lab File: BF078265.D  
 Acq: 6 Apr 2015 19:10

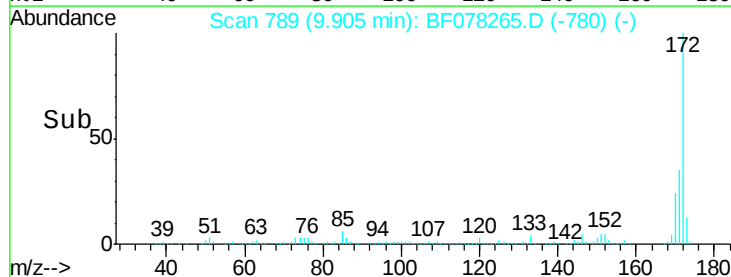
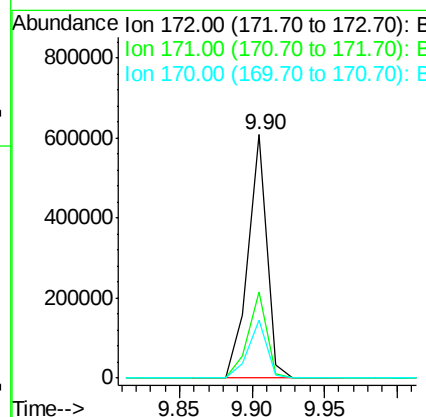
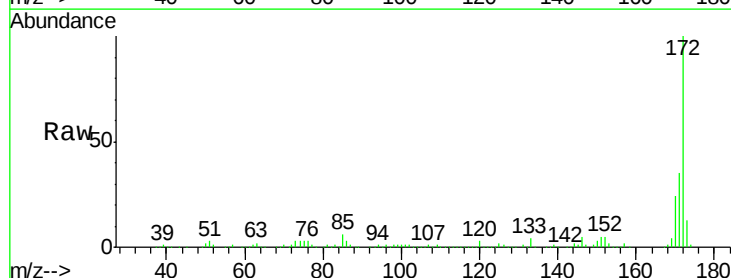
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-03

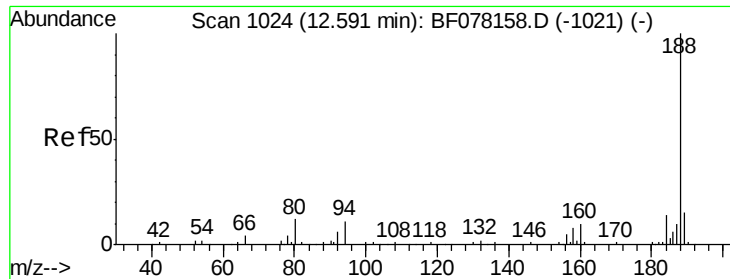
Tgt Ion:330 Resp: 107461  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 78.6 117.8  
 141 37.7 31.2 46.8



#44  
 2-Fluorobiphenyl  
 Concen: 92.04 ng  
 RT: 9.90 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: BF078265.D  
 Acq: 6 Apr 2015 19:10

Tgt Ion:172 Resp: 553056  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.6 42.8  
 170 23.7 18.5 27.7

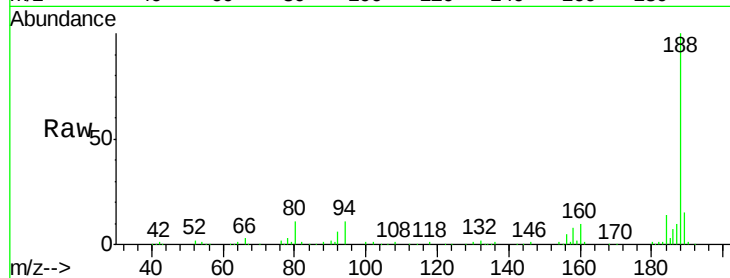




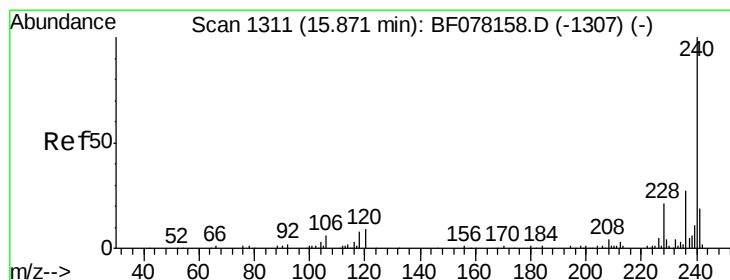
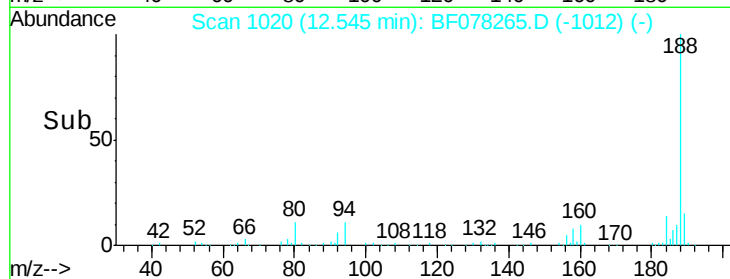
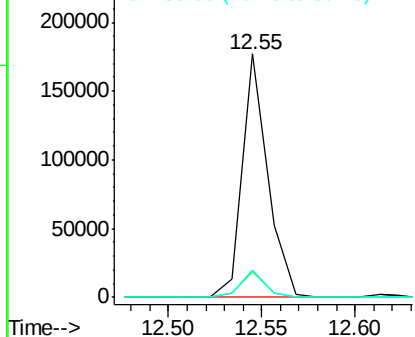
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.55 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BF078265.D  
Acq: 6 Apr 2015 19:10

Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

Tgt Ion:188 Resp: 168677  
Ion Ratio Lower Upper  
188 100  
94 10.6 9.0 13.4  
80 11.1 9.5 14.3

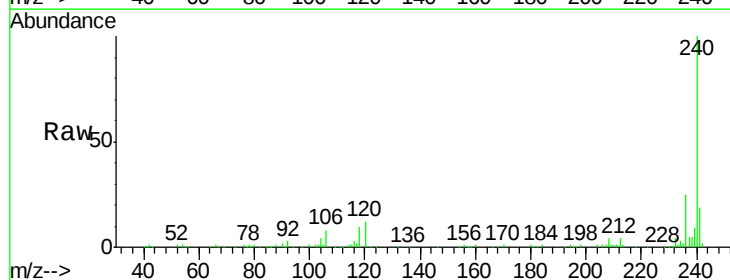


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

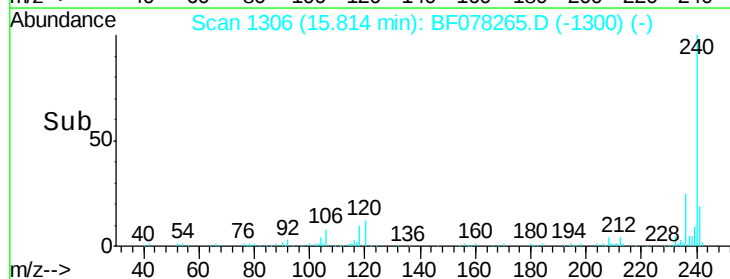
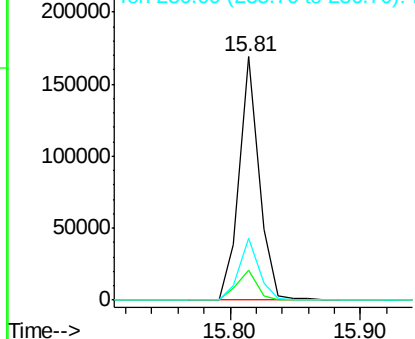


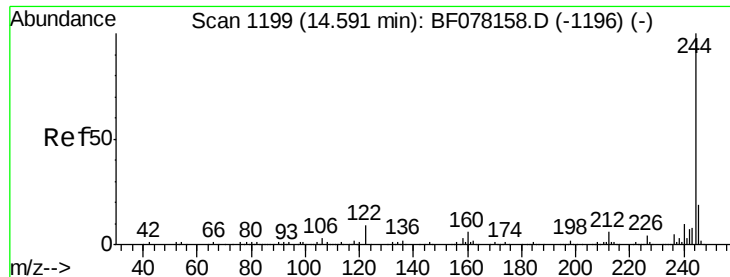
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.81 min Scan# 1306  
Delta R.T. -0.03 min  
Lab File: BF078265.D  
Acq: 6 Apr 2015 19:10

Tgt Ion:240 Resp: 180626  
Ion Ratio Lower Upper  
240 100  
120 12.1 7.1 10.7#  
236 25.3 21.4 32.2



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

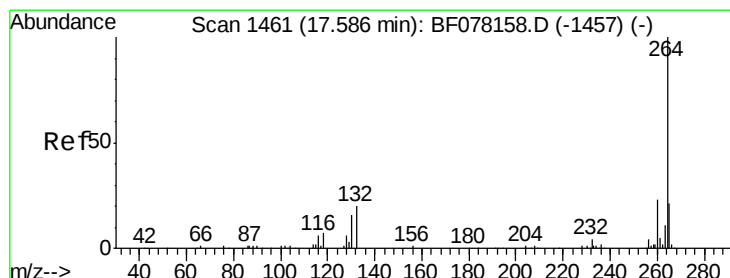
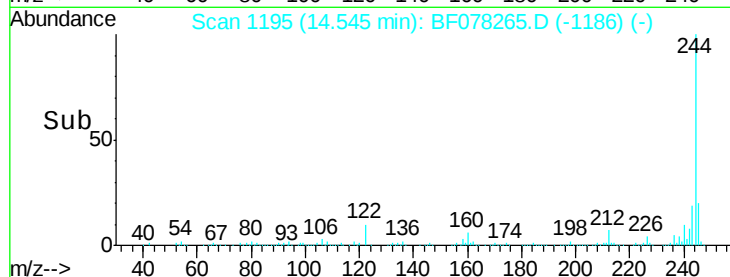
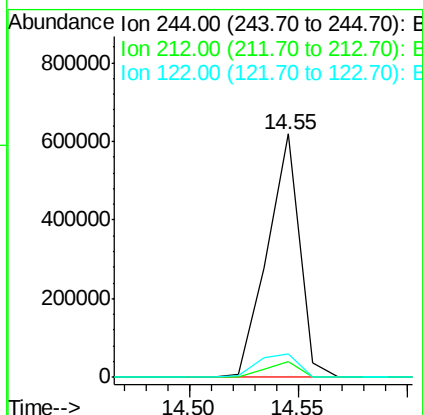
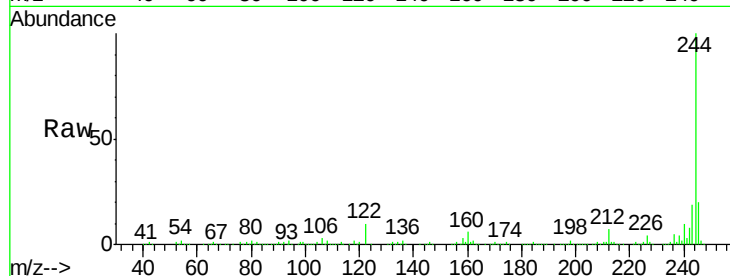




#78  
 Terphenyl-d14  
 Concen: 81.13 ng  
 RT: 14.55 min Scan# 1195  
 Delta R.T. 0.00 min  
 Lab File: BF078265.D  
 Acq: 6 Apr 2015 19:10

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Tgt Ion:244 Resp: 648496  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.0 7.4  
 122 9.6 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.49 min Scan# 1453  
 Delta R.T. -0.15 min  
 Lab File: BF078265.D  
 Acq: 6 Apr 2015 19:10

Tgt Ion:264 Resp: 170184  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 27.8  
 265 21.5 17.0 25.6

