

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061315\  
 Data File : BM001692.D  
 Acq On : 13 Jun 2015 04:47  
 Operator : TP/IZ  
 Sample : G2620-04  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 061115-P22-F-U-S

Quant Time: Jun 13 07:19:26 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM061315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 13 02:11:48 2015  
 Response via : Initial Calibration

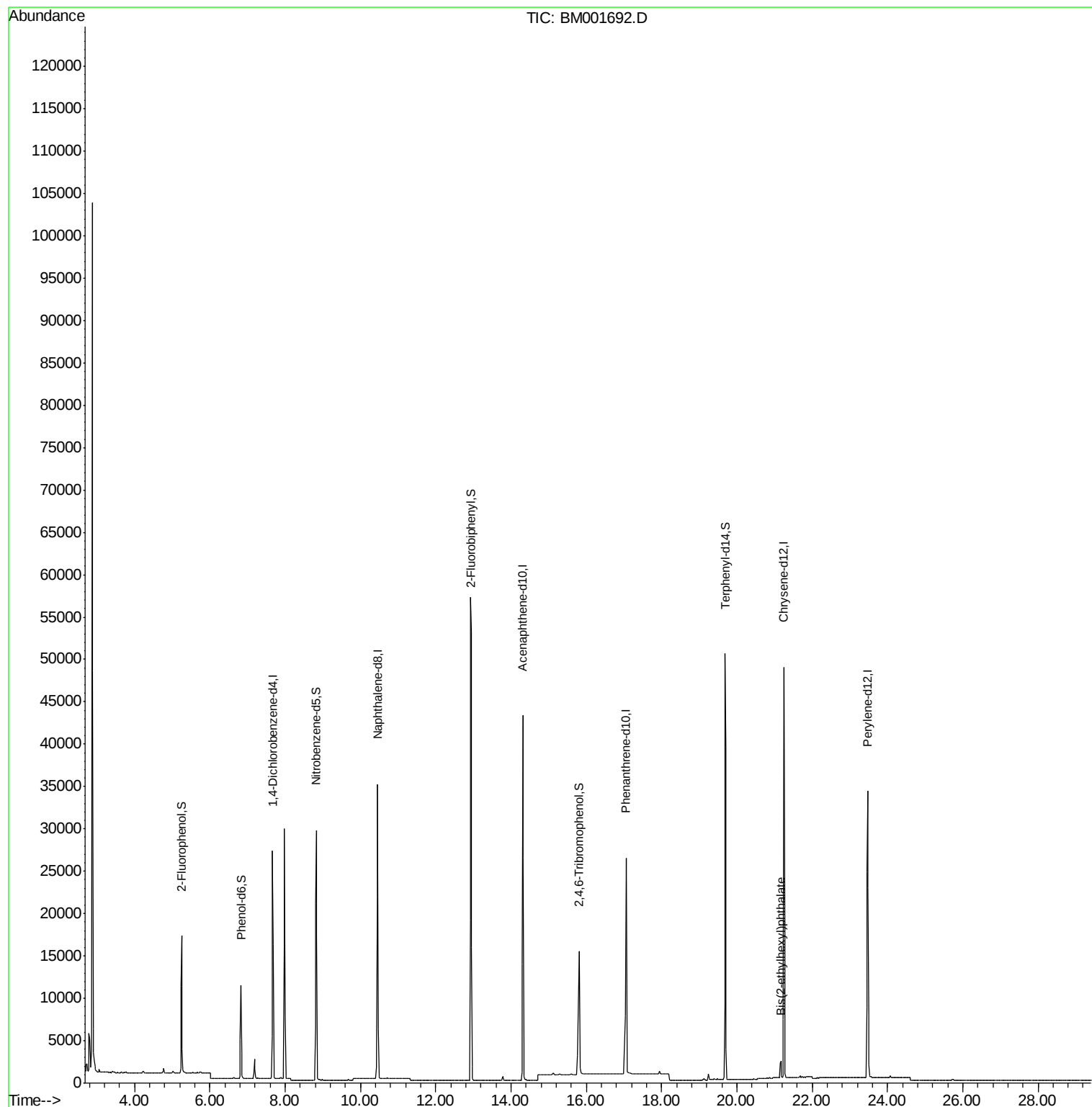
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.66  | 152  | 13860    | 5.00  | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.46 | 136  | 50770    | 5.00  | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.32 | 164  | 24896    | 5.00  | ng    | 0.00         |
| 18) Phenanthrene-d10           | 17.06 | 188  | 53060    | 5.00  | ng    | 0.00         |
| 25) Chrysene-d12               | 21.25 | 240  | 46198    | 5.00  | ng    | 0.00         |
| 32) Perylene-d12               | 23.48 | 264  | 42758    | 5.00  | ng    | 0.00         |
| System Monitoring Compounds    |       |      |          |       |       |              |
| 4) 2-Fluorophenol              | 5.25  | 112  | 13267    | 3.97  | ng    | 0.00         |
| 5) Phenol-d6                   | 6.83  | 99   | 10968    | 2.60  | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.83  | 82   | 24852    | 6.21  | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.81 | 330  | 13548    | 23.28 | ng    | 0.00         |
| 14) 2-Fluorobiphenyl           | 12.94 | 172  | 58893    | 6.67  | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.69 | 244  | 55474    | 8.04  | ng    | 0.00         |
| Target Compounds               |       |      |          |       |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 3147     | 0.57  | ng    | Qvalue<br>95 |

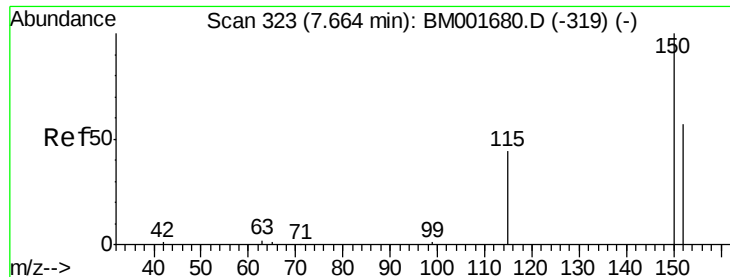
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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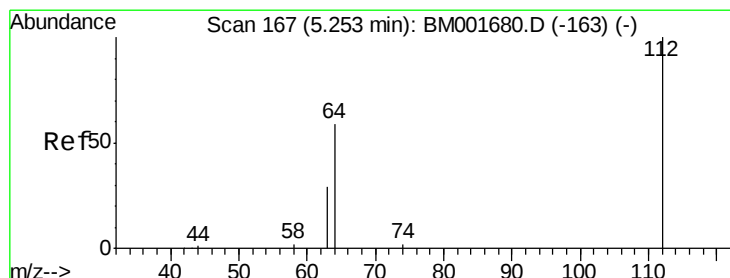
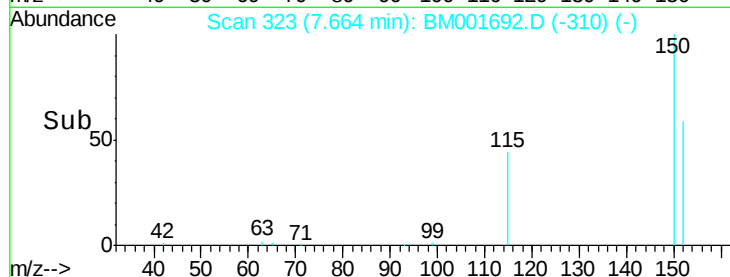
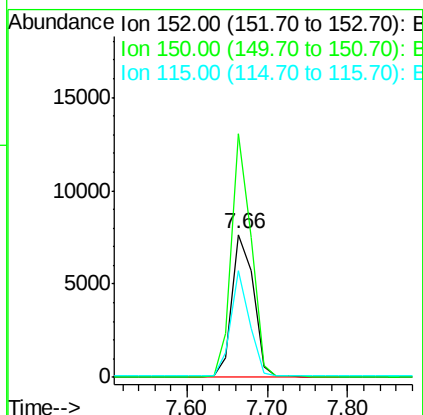
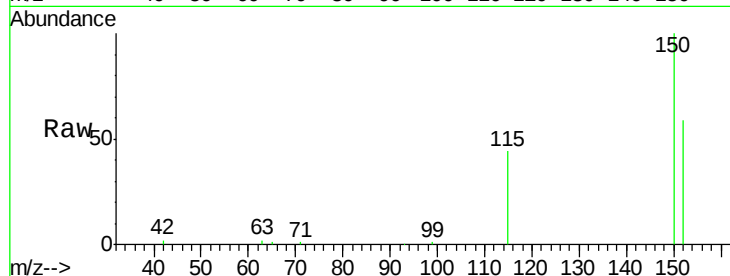


#1

1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.66 min Scan# 323  
Delta R.T. -0.00 min  
Lab File: BM001692.D  
Acq: 13 Jun 2015 04:47

Instrument :  
BNA\_M  
ClientSampleId :  
061115-P22-F-U-S

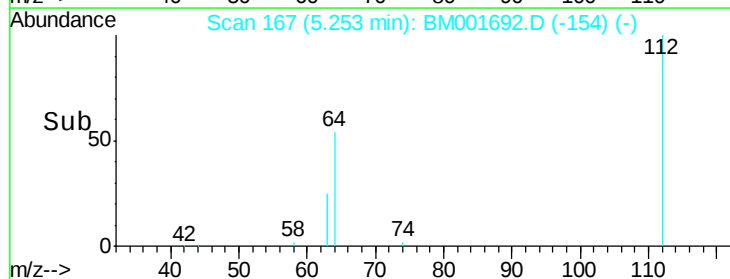
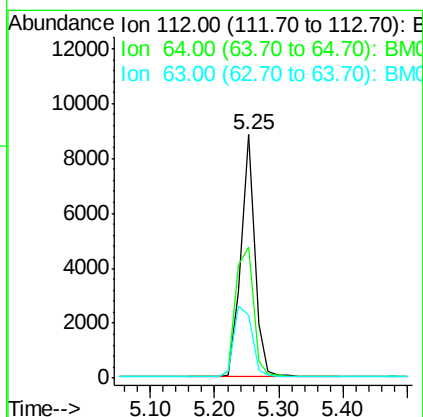
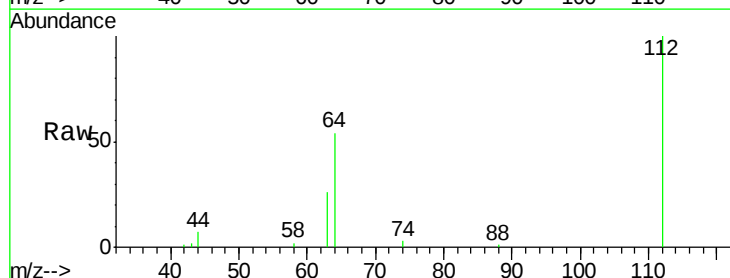
Tgt Ion:152 Resp: 13860  
Ion Ratio Lower Upper  
152 100  
150 170.5 139.6 209.4  
115 74.8 62.5 93.7

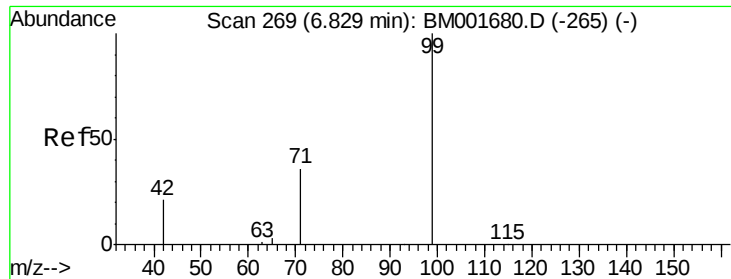


#4

2-Fluorophenol  
Concen: 3.97 ng  
RT: 5.25 min Scan# 167  
Delta R.T. -0.00 min  
Lab File: BM001692.D  
Acq: 13 Jun 2015 04:47

Tgt Ion:112 Resp: 13267  
Ion Ratio Lower Upper  
112 100  
64 68.4 54.9 82.3  
63 37.5 30.5 45.7





#5

Phenol-d6

Concen: 2.60 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-U-S

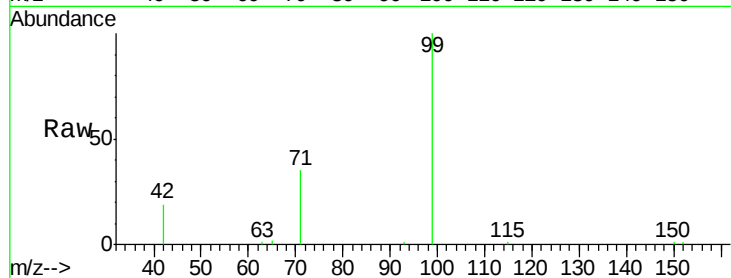
Tgt Ion: 99 Resp: 10968

Ion Ratio Lower Upper

99 100

42 24.7 21.0 31.6

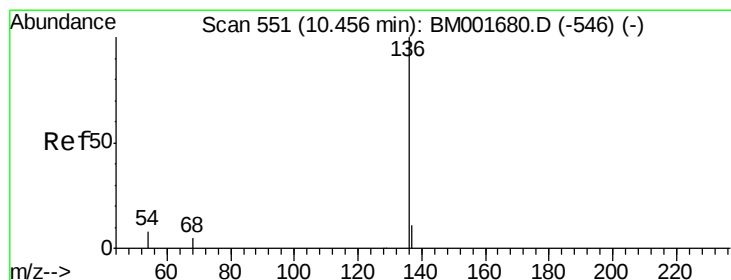
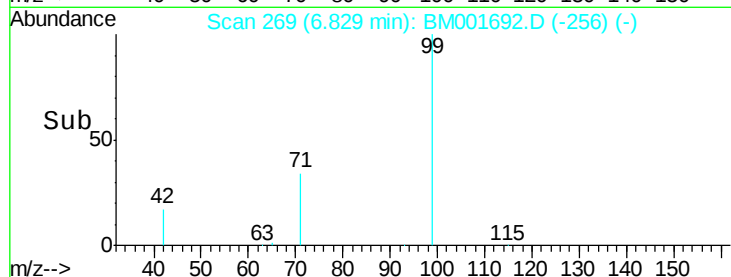
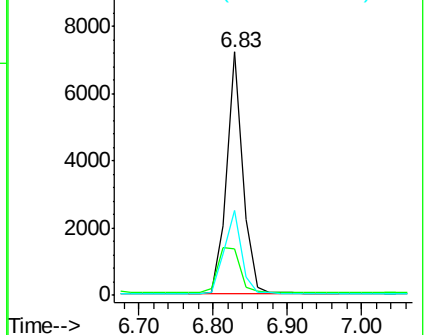
71 36.1 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001680.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001680.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001680.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

Tgt Ion: 136 Resp: 50770

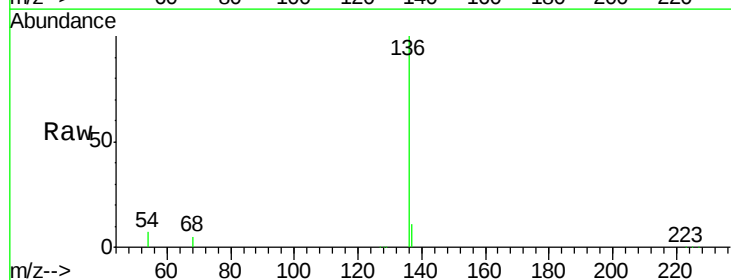
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.1 6.2 9.4

68 4.7 3.9 5.9

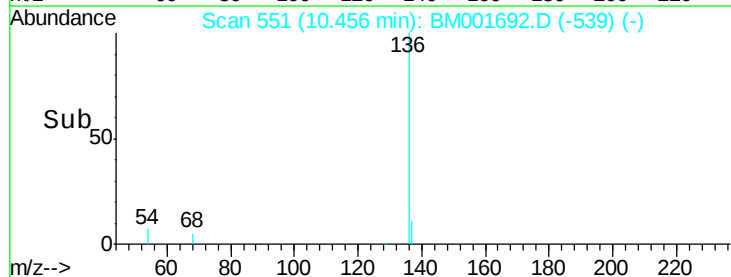
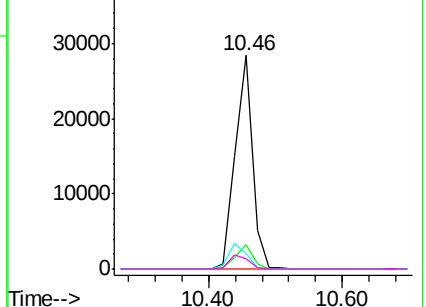


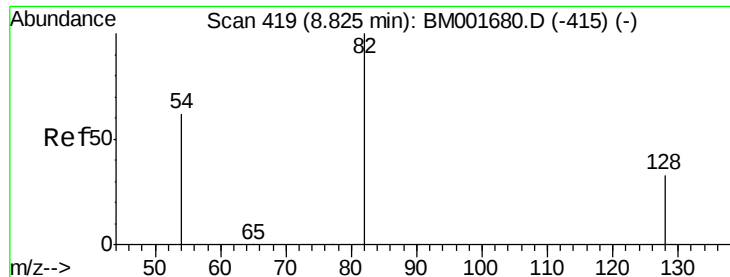
Abundance Ion 136.00 (135.70 to 136.70): BM001680.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001680.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001680.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001680.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 6.21 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-U-S

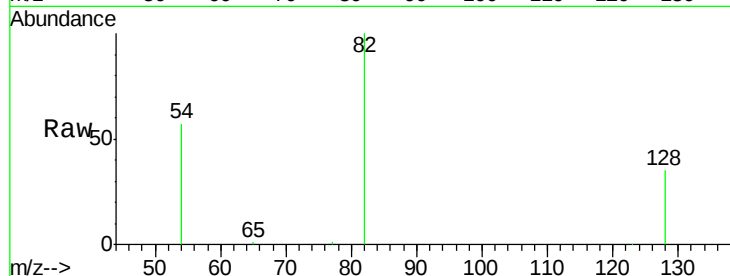
Tgt Ion: 82 Resp: 24852

Ion Ratio Lower Upper

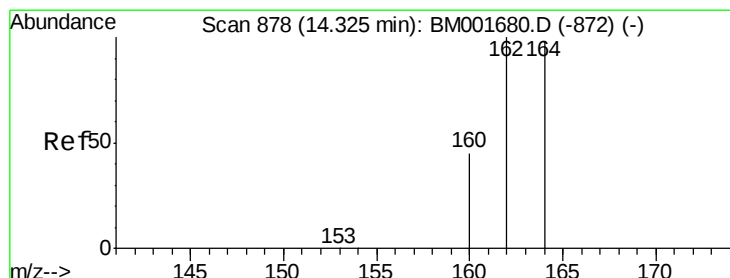
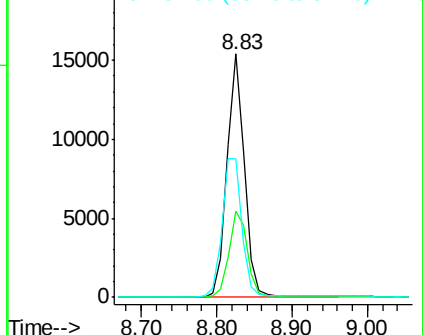
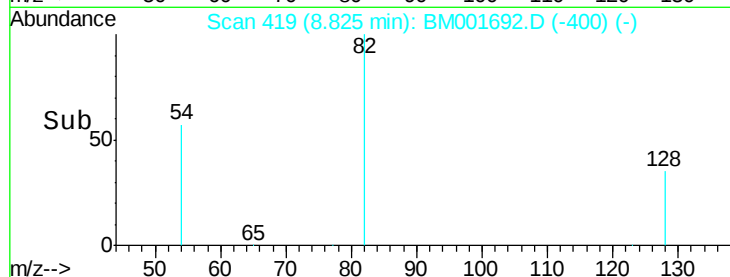
82 100

128 35.3 27.6 41.4

54 56.9 50.1 75.1



Abundance Ion 82.00 (81.70 to 82.70): BM001692.D (-400) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

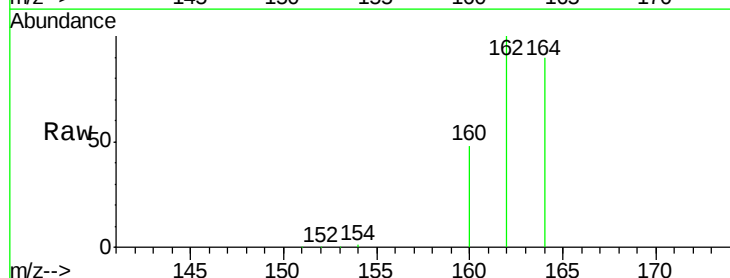
Tgt Ion: 164 Resp: 24896

Ion Ratio Lower Upper

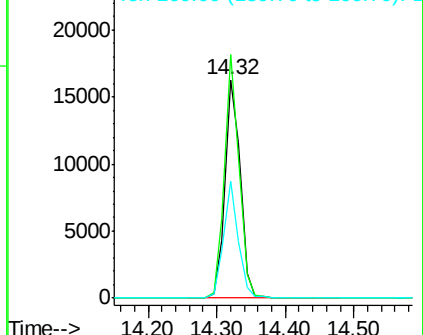
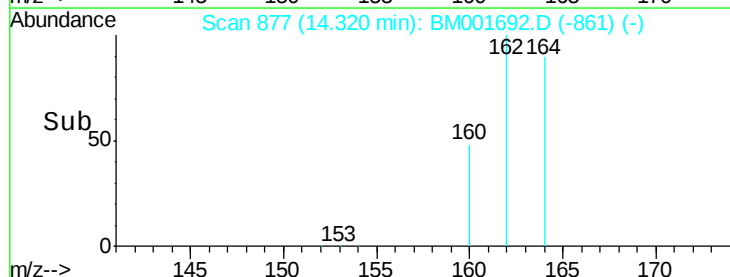
164 100

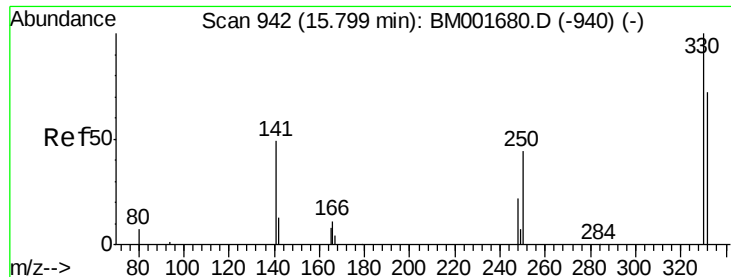
162 111.5 82.0 123.0

160 53.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM001692.D (-861) (-)

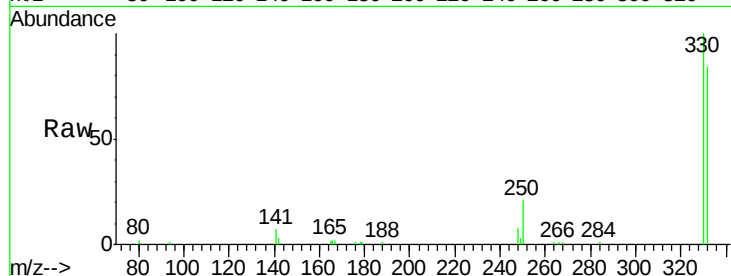




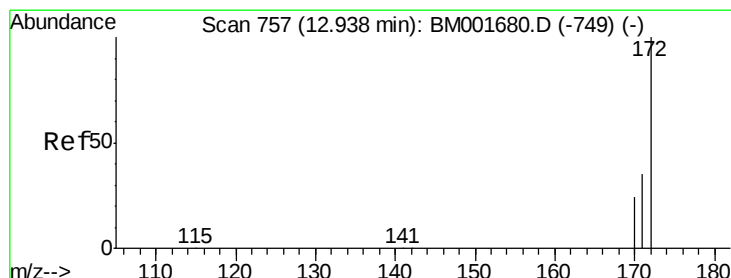
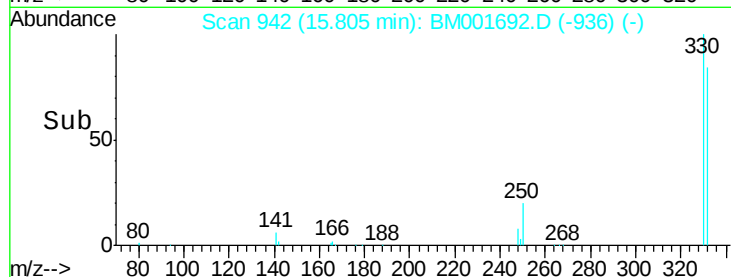
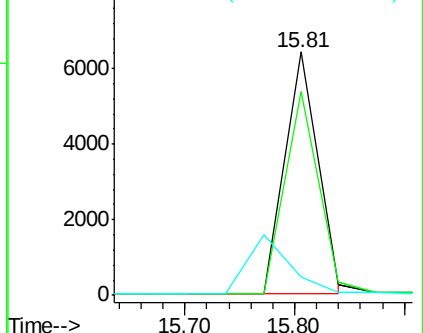
#13  
 2,4,6-Tribromophenol  
 Concen: 23.28 ng  
 RT: 15.81 min Scan# 942  
 Delta R.T. 0.01 min  
 Lab File: BM001692.D  
 Acq: 13 Jun 2015 04:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 061115-P22-F-U-S

Tgt Ion:330 Resp: 13548  
 Ion Ratio Lower Upper  
 330 100  
 332 84.9 68.6 103.0  
 141 0.0 39.0 58.4#

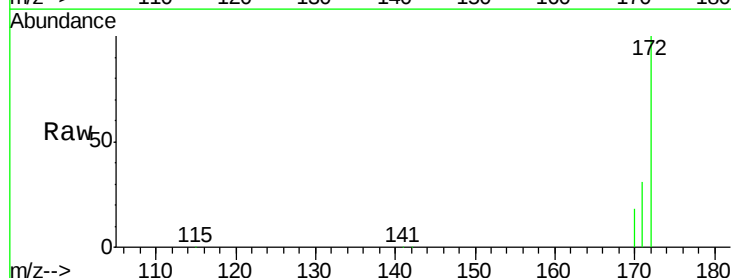


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

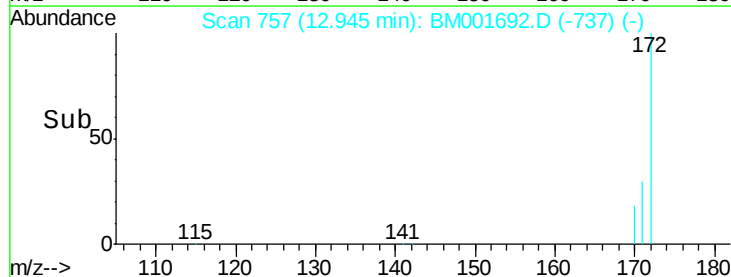
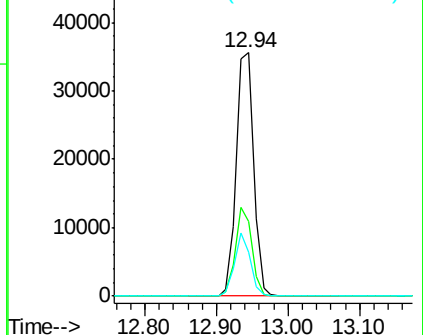


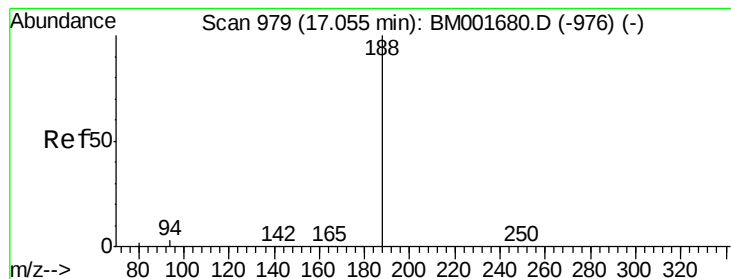
#14  
 2-Fluorobiphenyl  
 Concen: 6.67 ng  
 RT: 12.94 min Scan# 757  
 Delta R.T. 0.01 min  
 Lab File: BM001692.D  
 Acq: 13 Jun 2015 04:47

Tgt Ion:172 Resp: 58893  
 Ion Ratio Lower Upper  
 172 100  
 171 30.5 28.4 42.6  
 170 18.2 19.5 29.3#



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-U-S

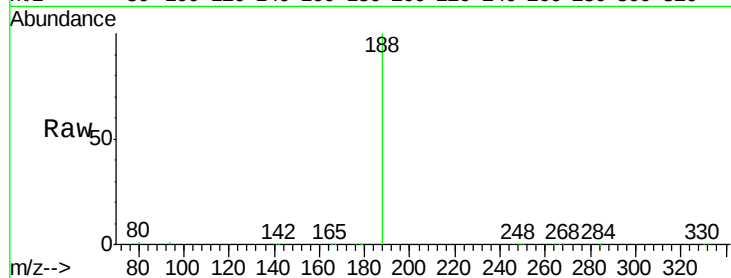
Tgt Ion:188 Resp: 53060

Ion Ratio Lower Upper

188 100

94 1.0 2.2 3.2#

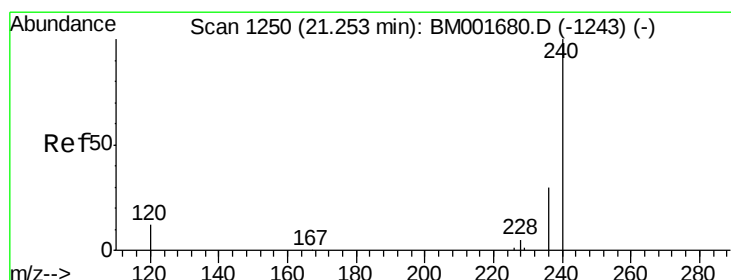
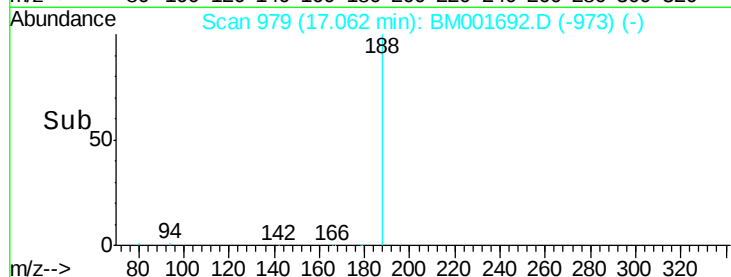
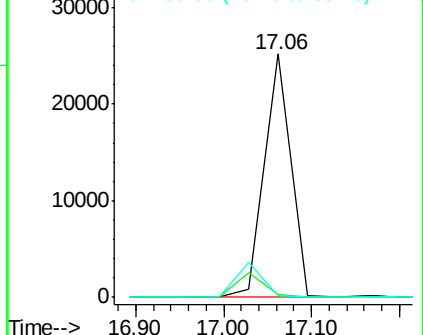
80 0.9 1.8 2.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

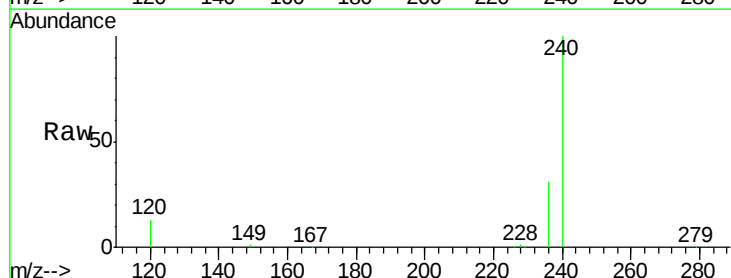
Tgt Ion:240 Resp: 46198

Ion Ratio Lower Upper

240 100

120 12.9 9.9 14.9

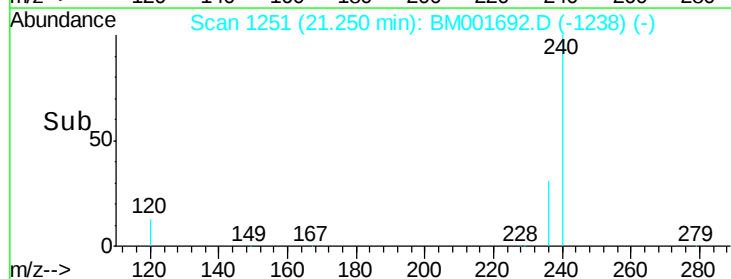
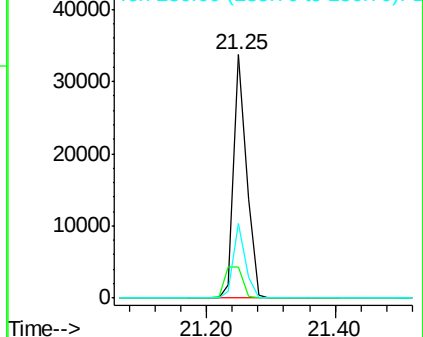
236 30.8 23.9 35.9

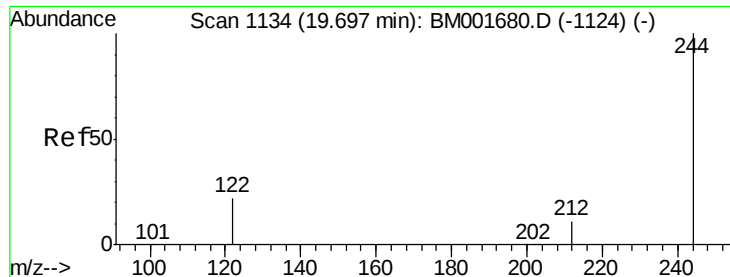


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 8.04 ng

RT: 19.69 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

Instrument :

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ClientSampleId :

061115-P22-F-U-S

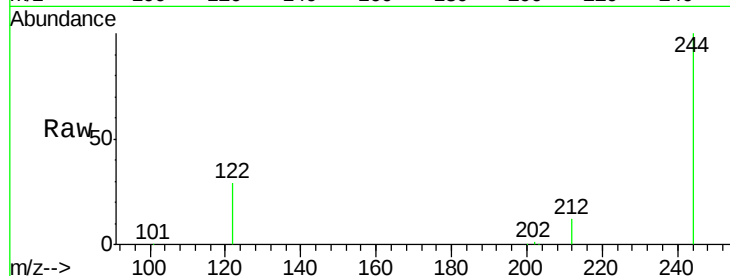
Tgt Ion:244 Resp: 55474

Ion Ratio Lower Upper

244 100

212 12.0 9.6 14.4

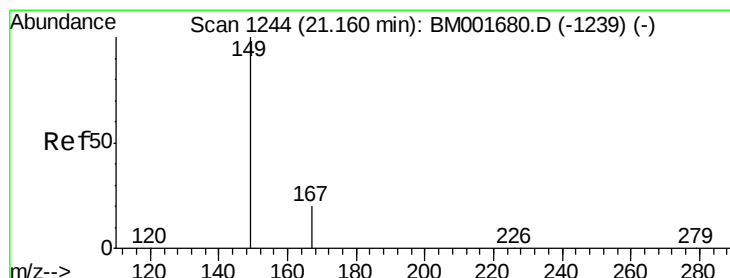
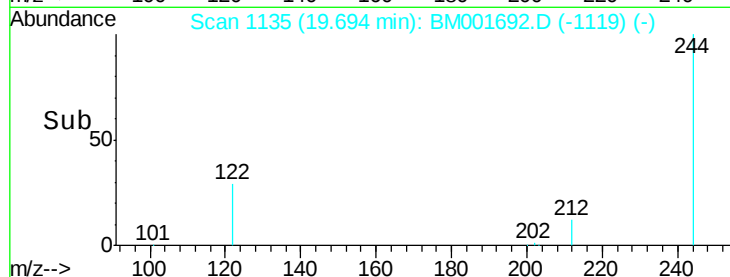
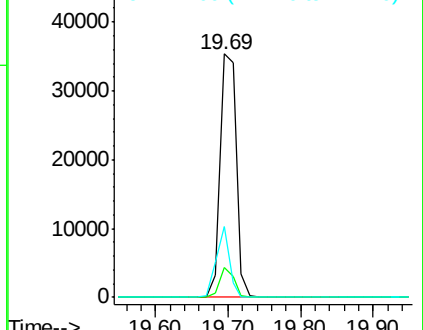
122 29.3 18.4 27.6#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.57 ng

RT: 21.17 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BM001692.D

Acq: 13 Jun 2015 04:47

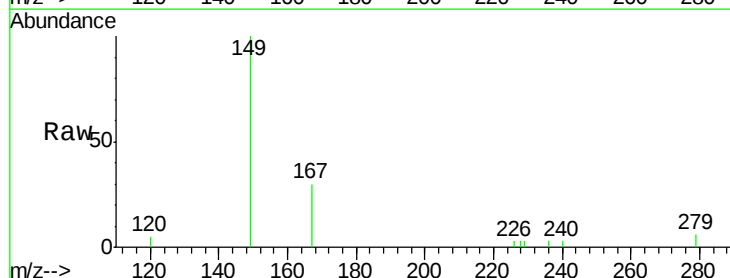
Tgt Ion:149 Resp: 3147

Ion Ratio Lower Upper

149 100

167 22.8 20.4 30.6

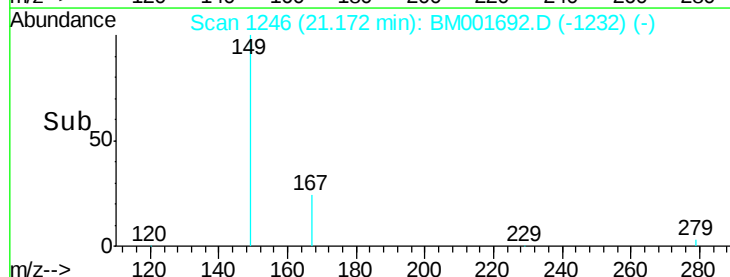
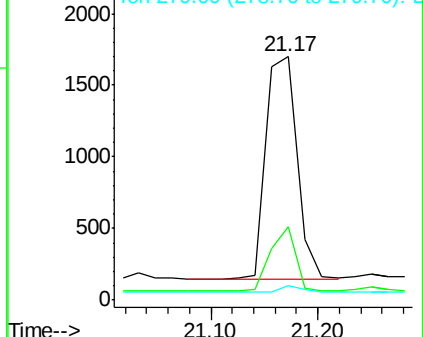
279 1.9 1.7 2.5

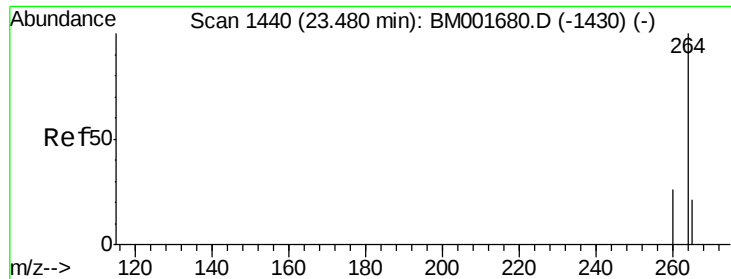


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32  
Perylene-d12  
Concen: 5.00 ng  
RT: 23.48 min Scan# 1441  
Delta R.T. -0.00 min  
Lab File: BM001692.D  
Acq: 13 Jun 2015 04:47

Instrument :  
BNA\_M  
ClientSampleId :  
061115-P22-F-U-S

Tgt Ion: 264 Resp: 42758  
Ion Ratio Lower Upper  
264 100  
260 25.0 20.8 31.2  
265 21.8 17.3 25.9

