

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061315\  
 Data File : BM001690.D  
 Acq On : 13 Jun 2015 03:35  
 Operator : TP/IZ  
 Sample : G2620-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 15 17:12:14 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

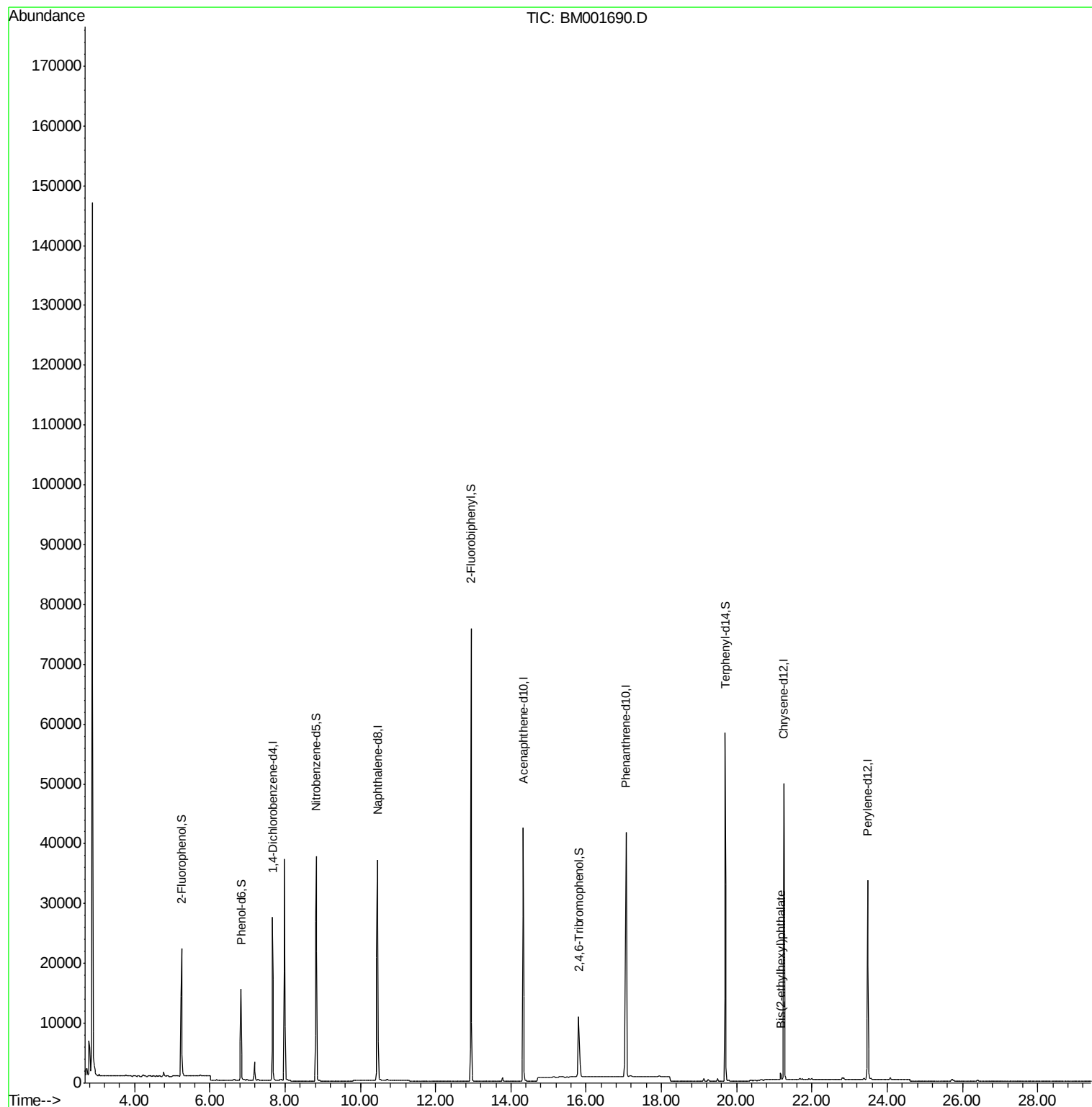
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.66  | 152  | 14294    | 5.00  | ng    | 0.00           |
| 6) Naphthalene-d8              | 10.46 | 136  | 52131    | 5.00  | ng    | 0.00           |
| 12) Acenaphthene-d10           | 14.33 | 164  | 25167    | 5.00  | ng    | 0.00           |
| 18) Phenanthrene-d10           | 17.06 | 188  | 80112    | 5.00  | ng    | 0.00           |
| 25) Chrysene-d12               | 21.25 | 240  | 46010    | 5.00  | ng    | 0.00           |
| 32) Perylene-d12               | 23.48 | 264  | 42234    | 5.00  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.25  | 112  | 17368    | 5.04  | ng    | 0.00           |
| 5) Phenol-d6                   | 6.83  | 99   | 15336    | 3.53  | ng    | 0.00           |
| 7) Nitrobenzene-d5             | 8.83  | 82   | 31540    | 7.67  | ng    | 0.00           |
| 13) 2,4,6-Tribromophenol       | 15.80 | 330  | 7863     | 13.37 | ng    | 0.00           |
| 14) 2-Fluorobiphenyl           | 12.94 | 172  | 69443    | 7.78  | ng    | 0.00           |
| 27) Terphenyl-d14              | 19.70 | 244  | 58595    | 8.52  | ng    | 0.00           |
| Target Compounds               |       |      |          |       |       |                |
| 30) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 1681     | 0.42  | ng    | Qvalue<br># 88 |

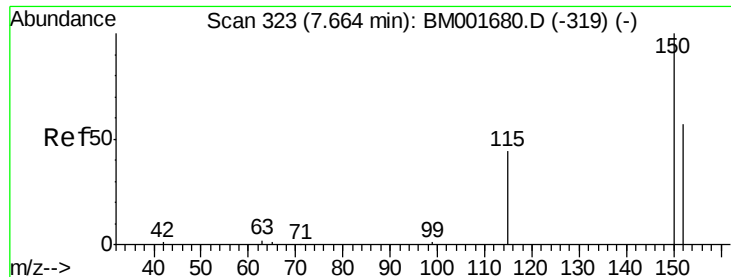
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 02:11:48 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-D-S

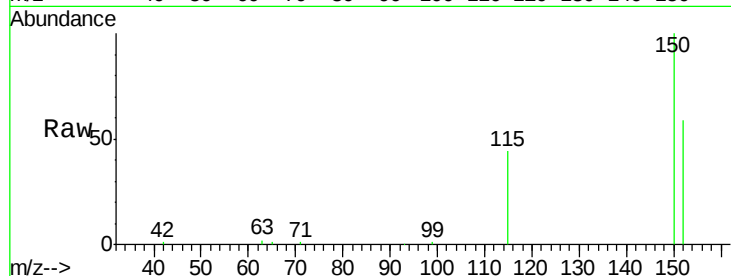
Tgt Ion:152 Resp: 14294

Ion Ratio Lower Upper

152 100

150 169.9 139.6 209.4

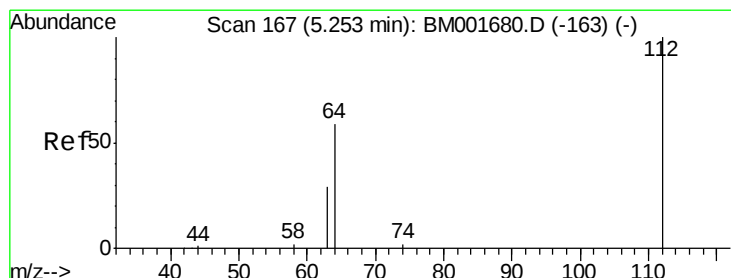
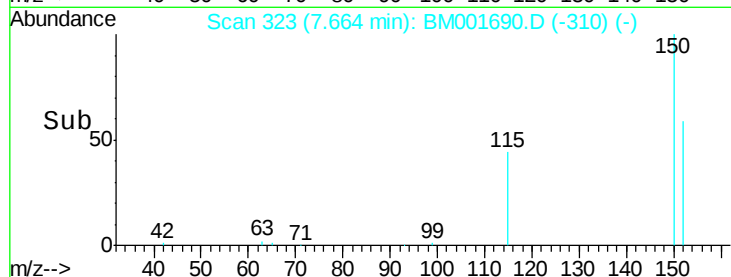
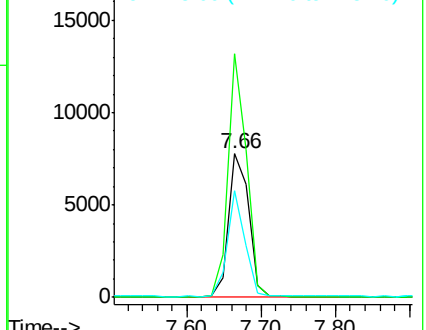
115 74.5 62.5 93.7



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



#4

2-Fluorophenol

Concen: 5.04 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

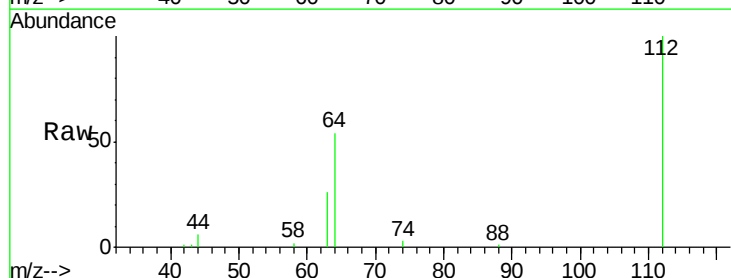
Tgt Ion:112 Resp: 17368

Ion Ratio Lower Upper

112 100

64 68.8 54.9 82.3

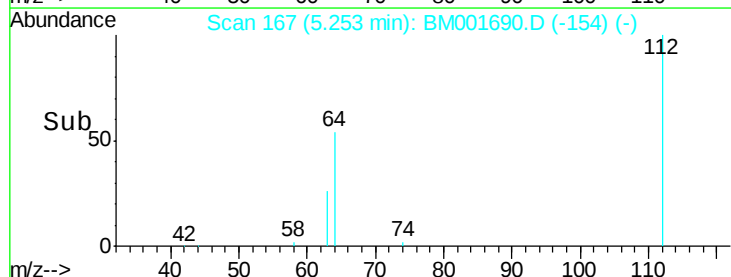
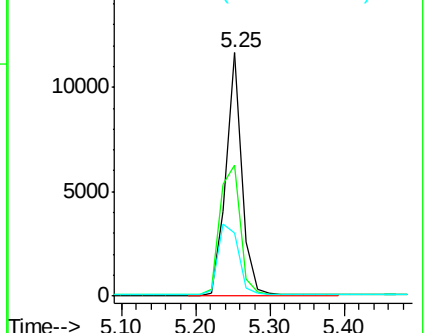
63 37.7 30.5 45.7

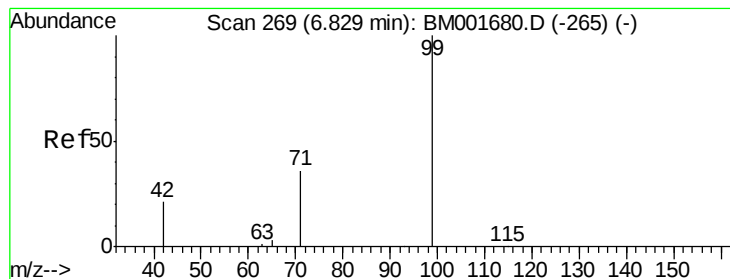


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 3.53 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-D-S

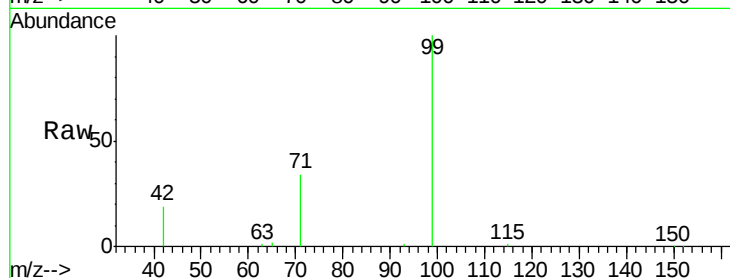
Tgt Ion: 99 Resp: 15336

Ion Ratio Lower Upper

99 100

42 25.0 21.0 31.6

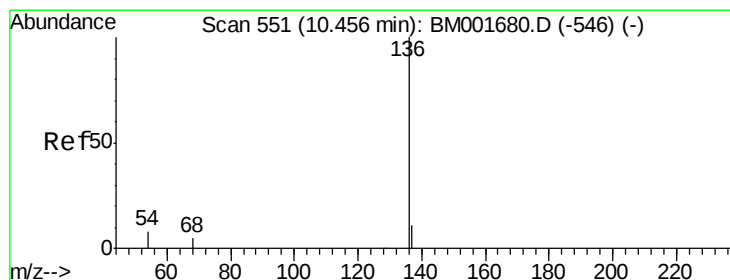
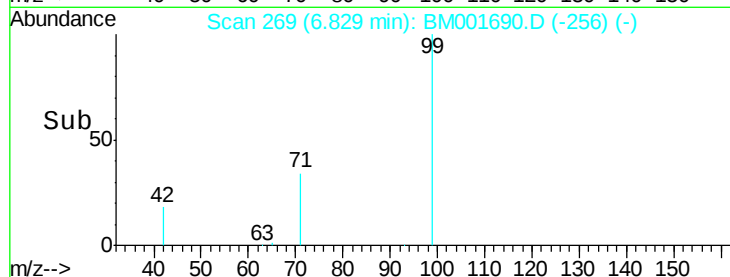
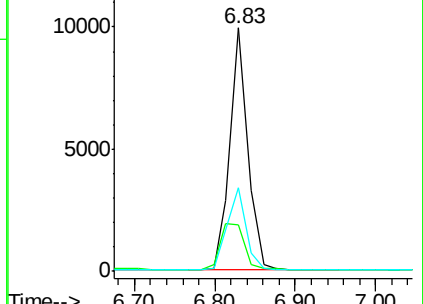
71 35.8 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001690.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001690.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001690.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

Tgt Ion: 136 Resp: 52131

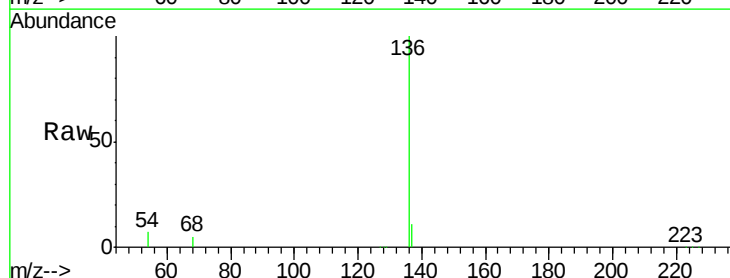
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.3 6.2 9.4

68 4.8 3.9 5.9

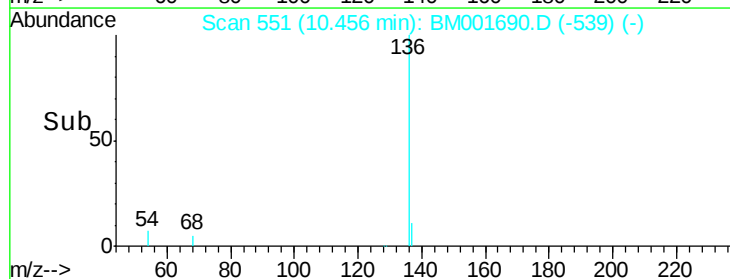
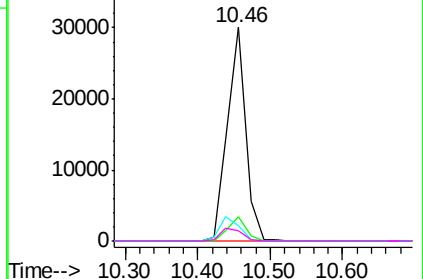


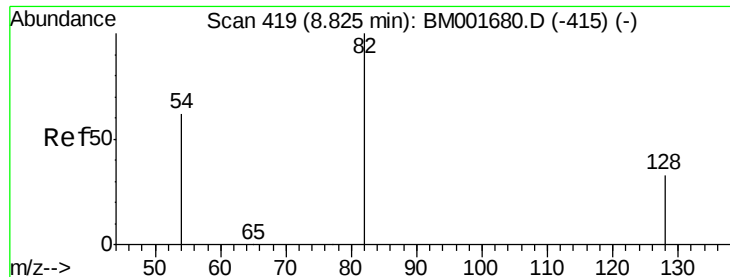
Abundance Ion 136.00 (135.70 to 136.70): BM001690.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001690.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001690.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001690.D (-539) (-)





#7

Nitrobenzene-d5

Concen: 7.67 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-D-S

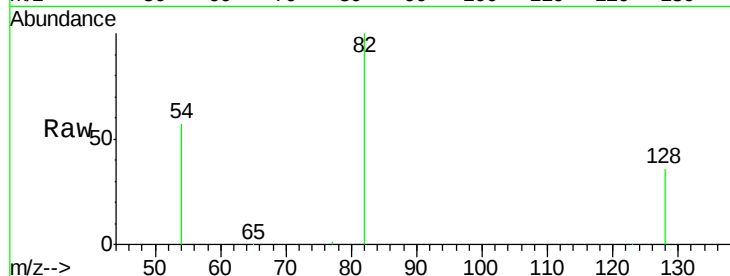
Tgt Ion: 82 Resp: 31540

Ion Ratio Lower Upper

82 100

128 35.7 27.6 41.4

54 56.8 50.1 75.1

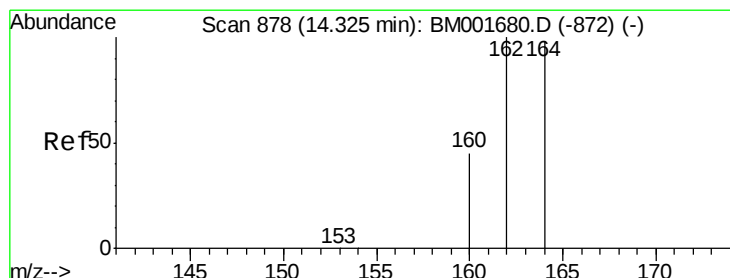
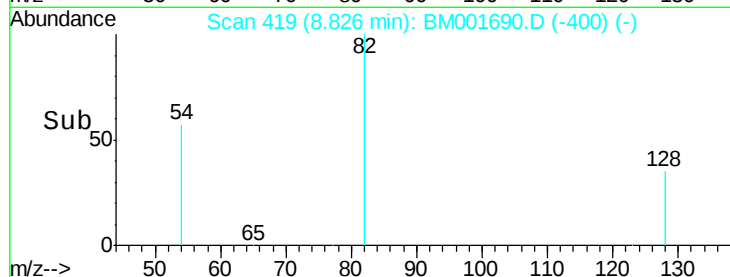


Abundance Ion 82.00 (81.70 to 82.70): BM001690.D (-400) (-)

Ion 128.00 (127.70 to 128.70): BM001690.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM001690.D (-400) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

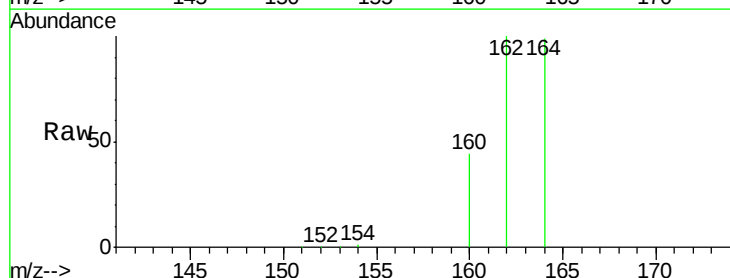
Tgt Ion: 164 Resp: 25167

Ion Ratio Lower Upper

164 100

162 101.3 82.0 123.0

160 44.6 36.6 55.0

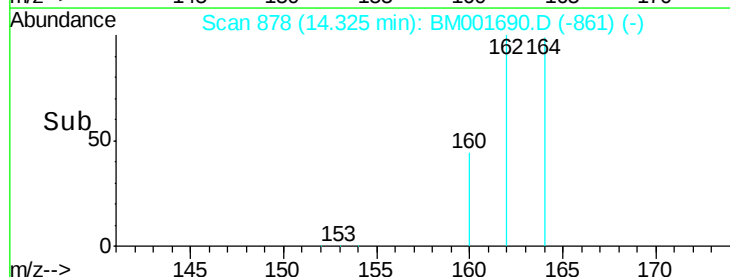


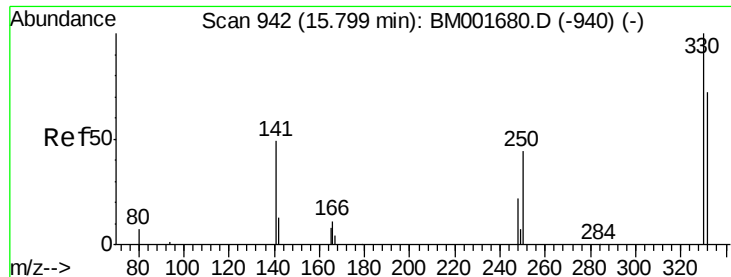
Abundance Ion 164.00 (163.70 to 164.70): BM001690.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BM001690.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BM001690.D (-861) (-)

Time-->

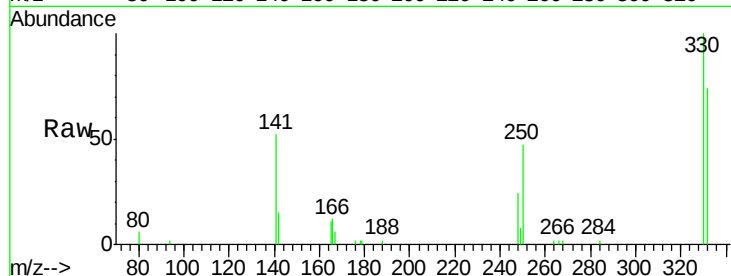




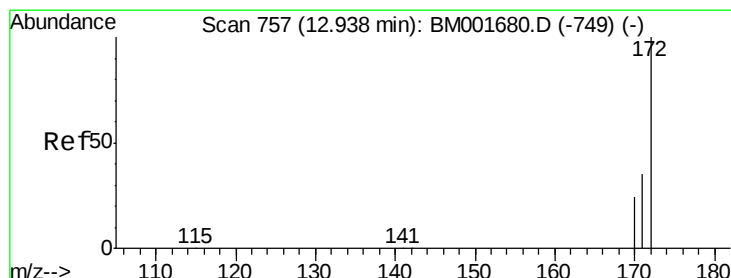
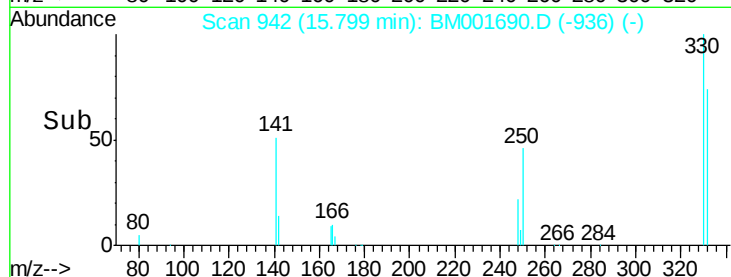
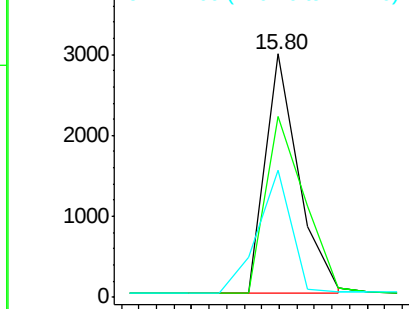
#13  
 2,4,6-Tribromophenol  
 Concen: 13.37 ng  
 RT: 15.80 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: BM001690.D  
 Acq: 13 Jun 2015 03:35

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

Tgt Ion: 330 Resp: 7863  
 Ion Ratio Lower Upper  
 330 100  
 332 86.4 68.6 103.0  
 141 52.2 39.0 58.4

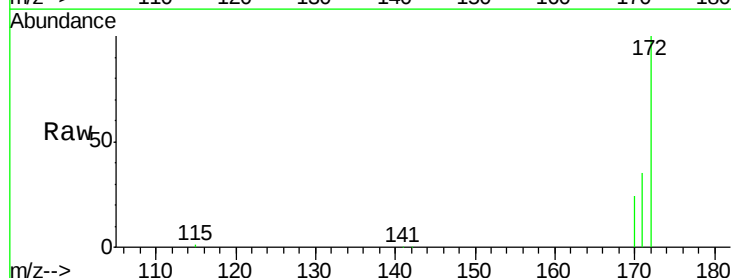


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

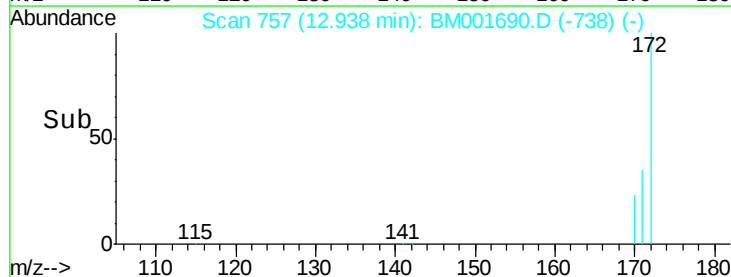
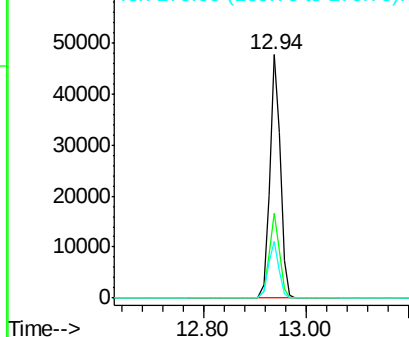


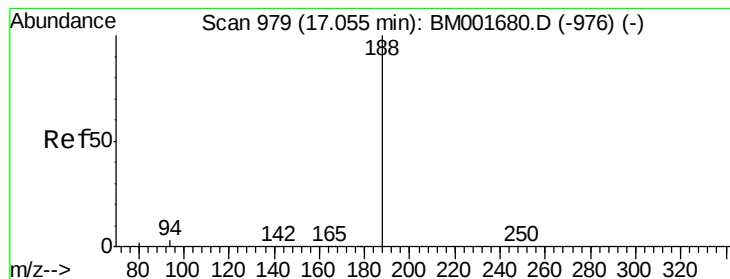
#14  
 2-Fluorobiphenyl  
 Concen: 7.78 ng  
 RT: 12.94 min Scan# 757  
 Delta R.T. 0.00 min  
 Lab File: BM001690.D  
 Acq: 13 Jun 2015 03:35

Tgt Ion: 172 Resp: 69443  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 28.4 42.6  
 170 23.5 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. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-D-S

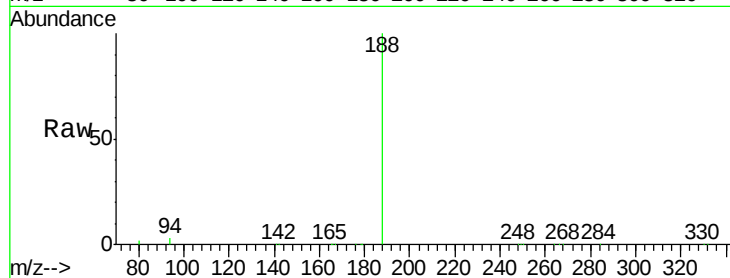
Tgt Ion:188 Resp: 80112

Ion Ratio Lower Upper

188 100

94 2.5 2.2 3.2

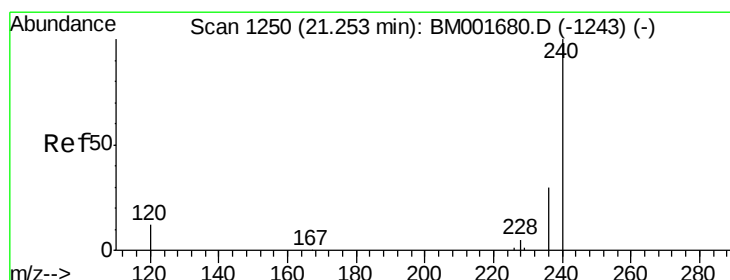
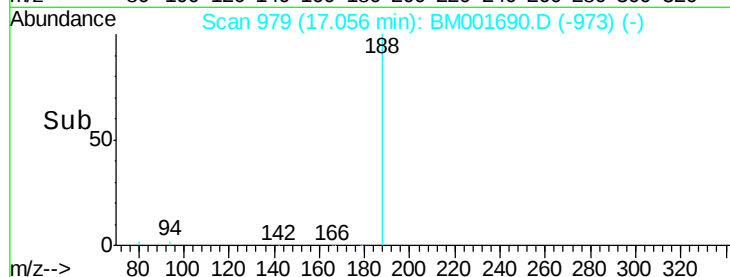
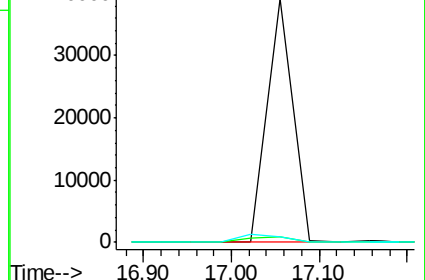
80 2.2 1.8 2.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

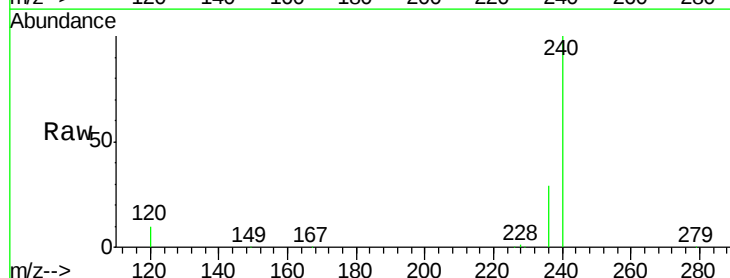
Tgt Ion:240 Resp: 46010

Ion Ratio Lower Upper

240 100

120 10.3 9.9 14.9

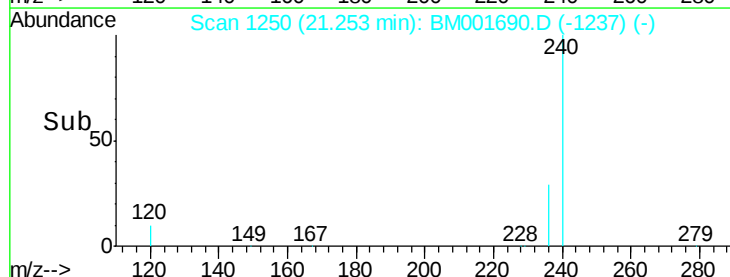
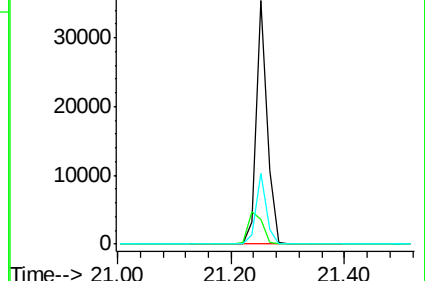
236 29.3 23.9 35.9

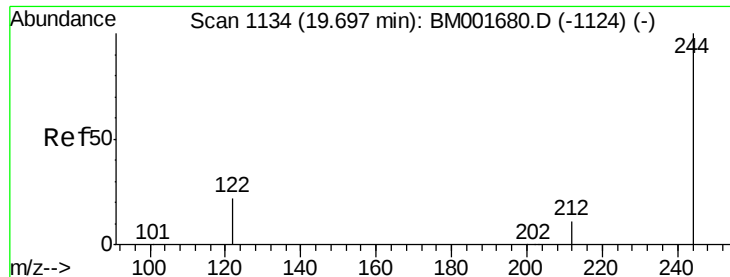


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 8.52 ng

RT: 19.70 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

Instrument :

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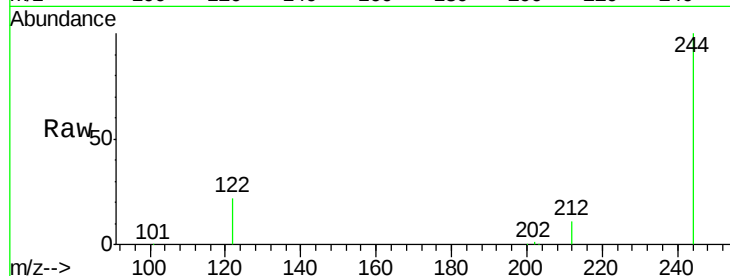
Tgt Ion:244 Resp: 58595

Ion Ratio Lower Upper

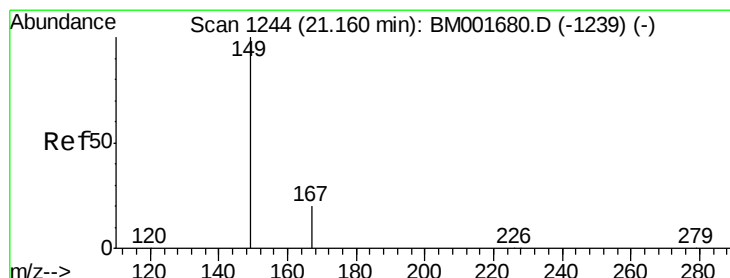
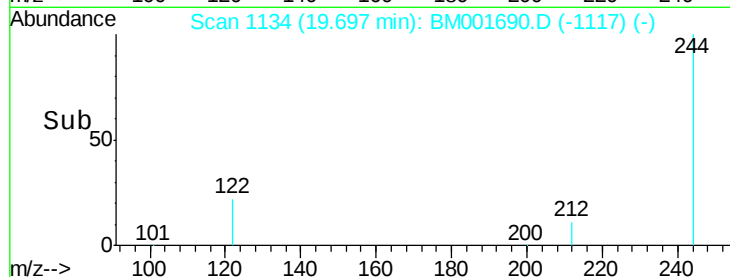
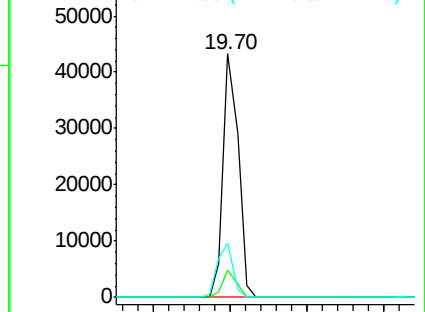
244 100

212 11.3 9.6 14.4

122 22.4 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: 0.42 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001690.D

Acq: 13 Jun 2015 03:35

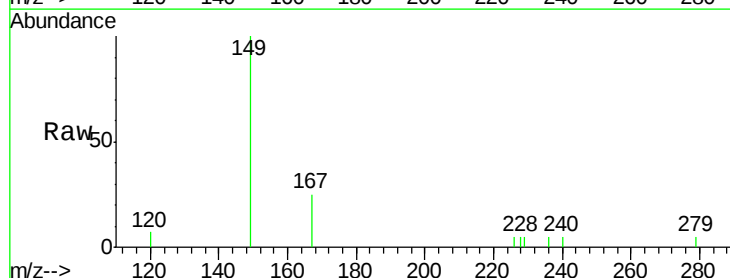
Tgt Ion:149 Resp: 1681

Ion Ratio Lower Upper

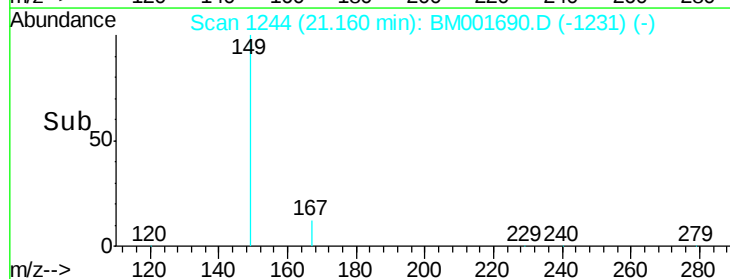
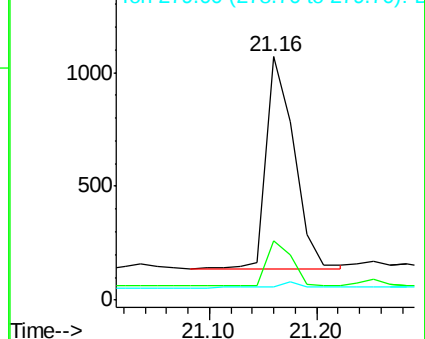
149 100

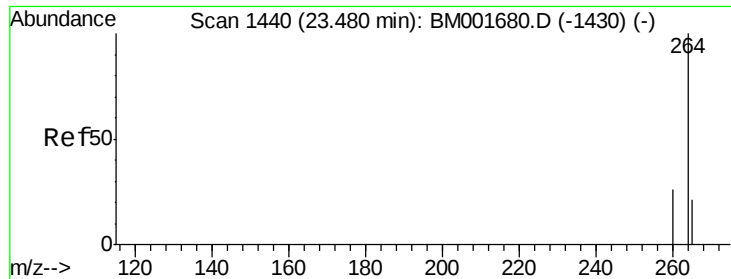
167 19.1 20.4 30.6#

279 2.4 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# 1440

Delta R.T. 0.00 min

Lab File: BM001690.D

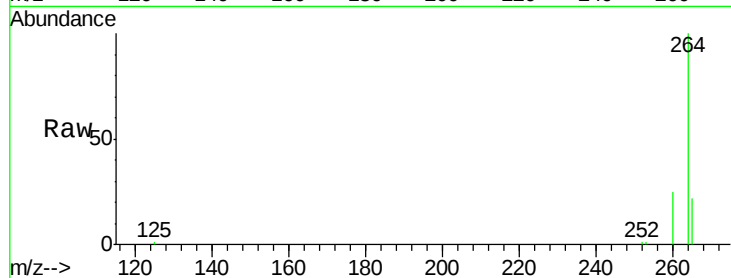
Acq: 13 Jun 2015 03:35

Instrument :

BNA\_M

ClientSampleId :

061115-P22-F-D-S



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 42234 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 24.6  | 20.8  | 31.2  |
| 265      | 22.1  | 17.3  | 25.9  |

