

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\  
 Data File : BM001234.D  
 Acq On : 07 May 2015 02:03  
 Operator : TP/IZ  
 Sample : PB83180BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB83180BL

Quant Time: May 07 07:22:26 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM050615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 07:00:24 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.48  | 152  | 16409    | 5.00   | ng    | 0.00     |
| 9) Naphthalene-d8           | 10.26 | 136  | 44441    | 5.00   | ng    | 0.00     |
| 16) Acenaphthene-d10        | 14.15 | 164  | 21989    | 5.00   | ng    | 0.00     |
| 23) Phenanthrene-d10        | 16.90 | 188  | 37762    | 5.00   | ng    | 0.00     |
| 27) Chrysene-d12            | 21.09 | 240  | 37118    | 5.00   | ng    | 0.00     |
| 29) Perylene-d12            | 23.23 | 264  | 34929    | 5.00   | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 3) 2-Fluorophenol           | 5.06  | 112  | 363536   | 135.66 | ng    | 0.00     |
| 4) Phenol-d6                | 6.65  | 99   | 523669   | 116.81 | ng    | 0.00     |
| 10) Nitrobenzene-d5         | 8.61  | 82   | 239354   | 74.19  | ng    | 0.00     |
| 17) 2,4,6-Tribromophenol    | 15.64 | 330  | 168263   | 132.81 | ng    | 0.00     |
| 20) 2-Fluorobiphenyl        | 12.76 | 172  | 627476   | 91.54  | ng    | 0.00     |
| 28) Terphenyl-d14           | 19.55 | 244  | 453541   | 92.86  | ng    | 0.00     |

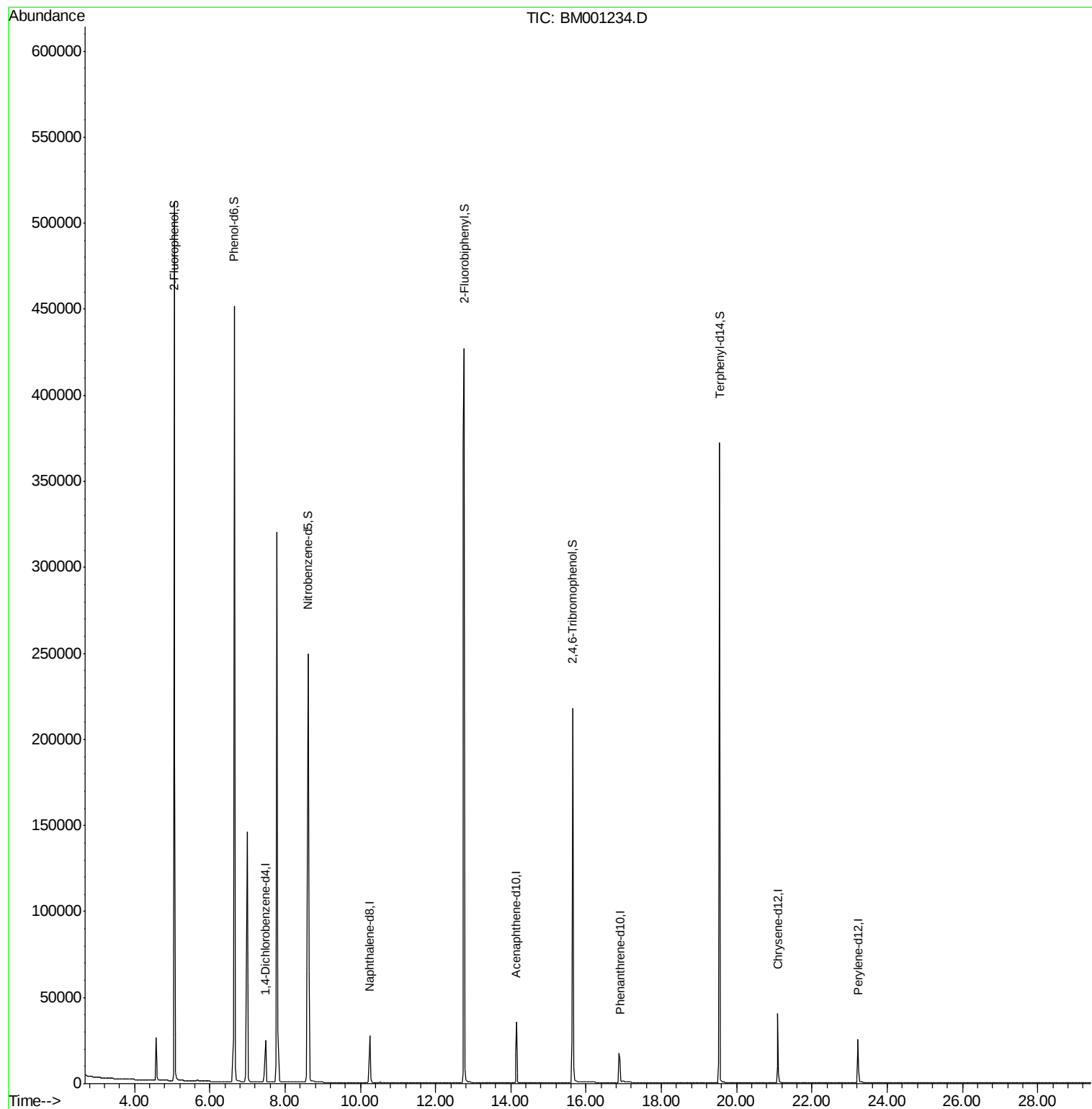
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

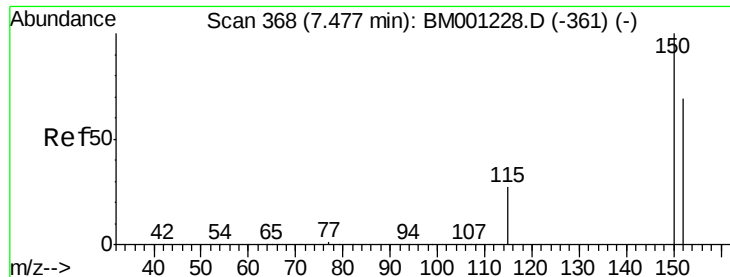
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.48 min Scan# 368

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

Instrument :

BNA\_M

ClientSampleId :

PB83180BL

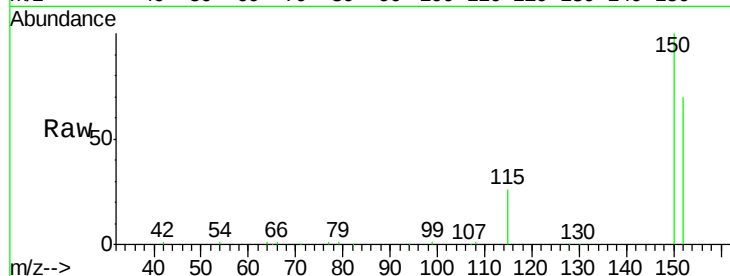
Tot Ion:152 Resp: 16409

Ion Ratio Lower Upper

152 100

150 143.1 116.3 174.5

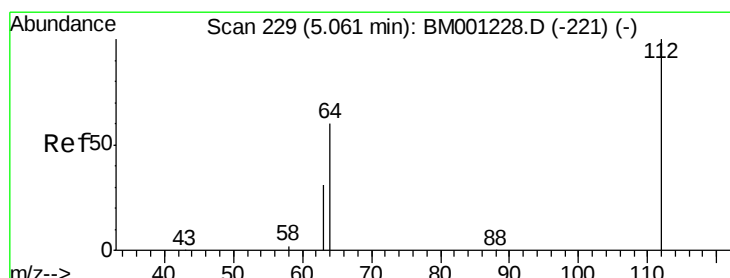
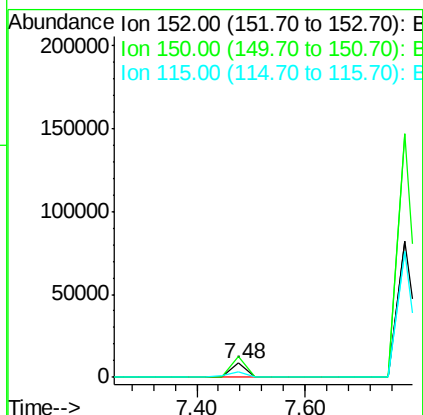
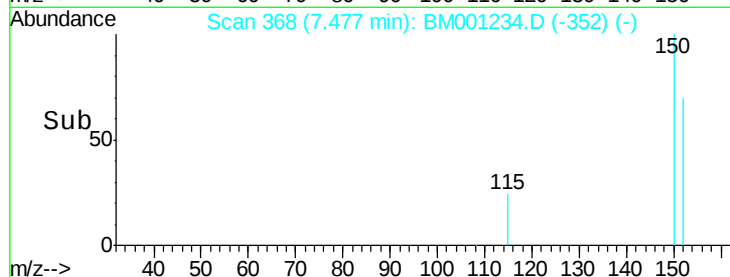
115 36.5 31.9 47.9



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



#3

2-Fluorophenol

Concen: 135.66 ng

RT: 5.06 min Scan# 229

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

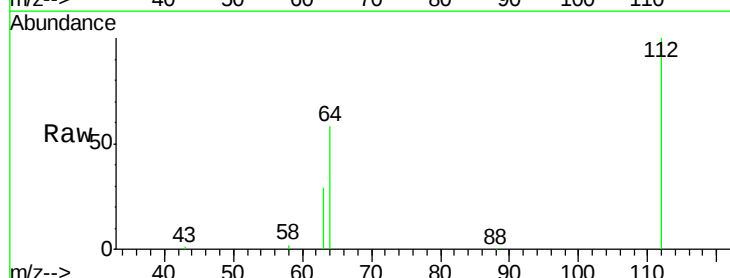
Tgt Ion:112 Resp: 363536

Ion Ratio Lower Upper

112 100

64 58.5 49.3 73.9

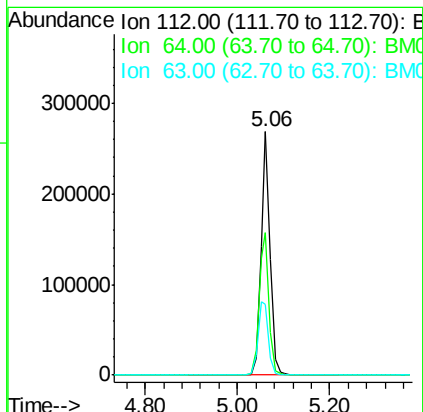
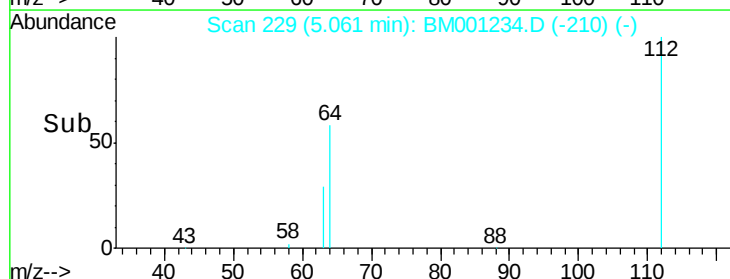
63 29.2 26.2 39.4

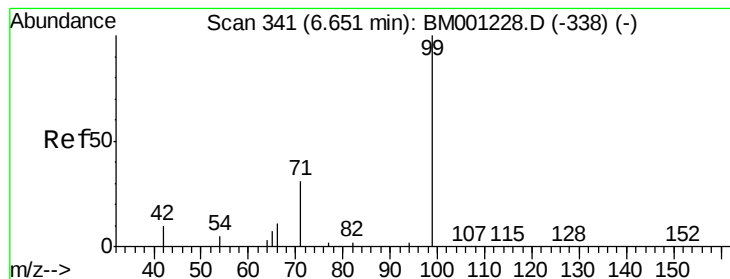


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#4

Phenol-d6

Concen: 116.81 ng

RT: 6.65 min Scan# 341

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

Instrument :

BNA\_M

ClientSampleId :

PB83180BL

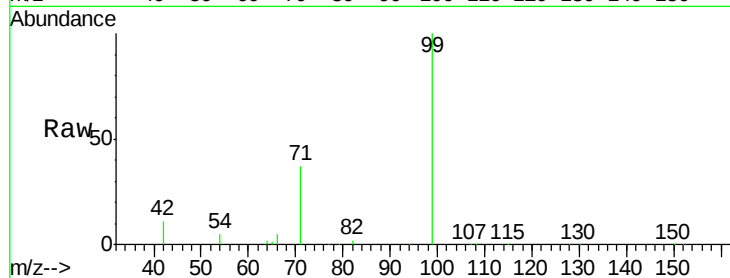
Tot Ion: 99 Resp: 523669

Ion Ratio Lower Upper

99 100

42 11.0 12.1 18.1#

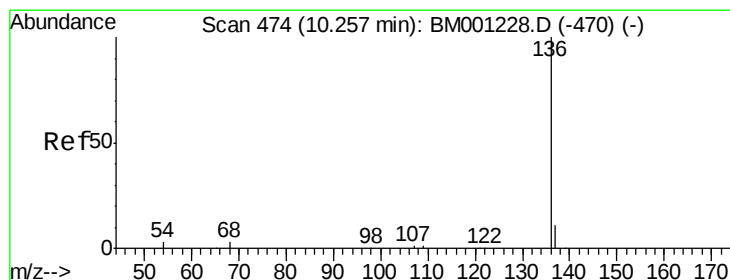
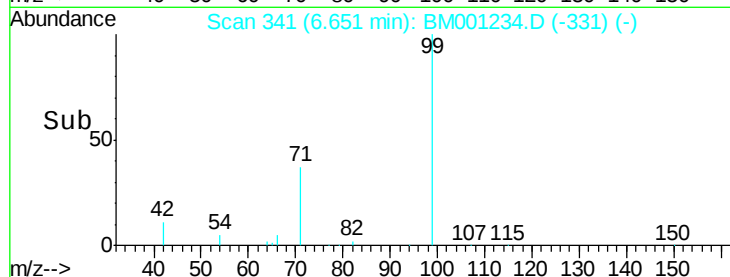
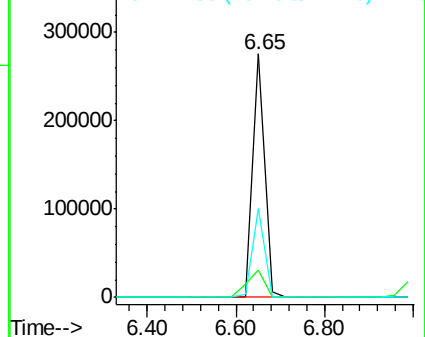
71 36.6 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BM001234.D (-331) (-)

Ion 42.00 (41.70 to 42.70): BM001234.D (-331) (-)

Ion 71.00 (70.70 to 71.70): BM001234.D (-331) (-)



#9

Naphthalene-d8

Concen: 5.00 ng

RT: 10.26 min Scan# 474

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

Tgt Ion: 136 Resp: 44441

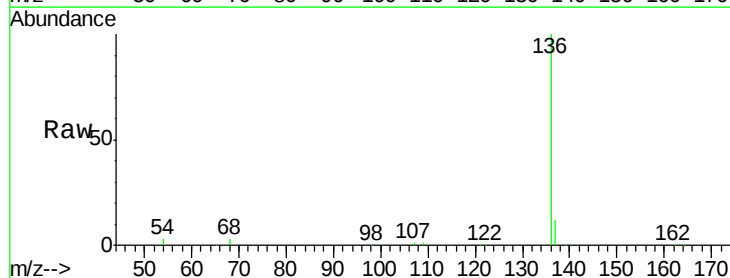
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 3.4 2.6 3.8

68 2.8 2.2 3.2

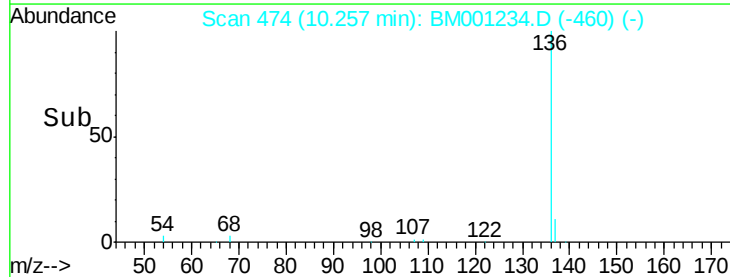
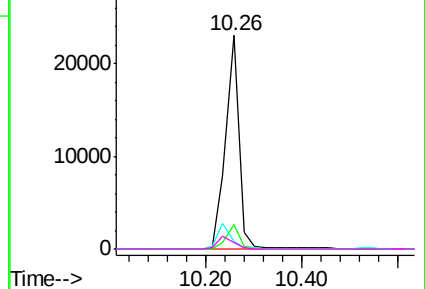


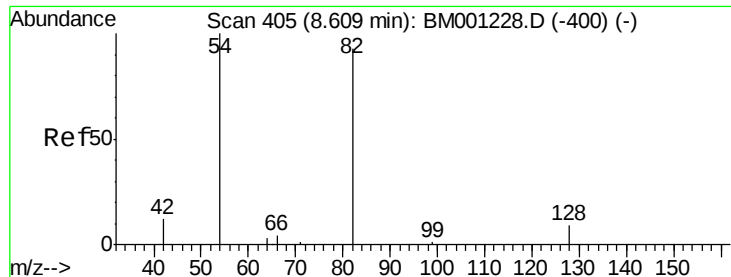
Abundance Ion 136.00 (135.70 to 136.70): BM001234.D (-460) (-)

Ion 137.00 (136.70 to 137.70): BM001234.D (-460) (-)

Ion 54.00 (53.70 to 54.70): BM001234.D (-460) (-)

Ion 68.00 (67.70 to 68.70): BM001234.D (-460) (-)





#10

Nitrobenzene-d5

Concen: 74.19 ng

RT: 8.61 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

Instrument :

BNA\_M

ClientSampleId :

PB83180BL

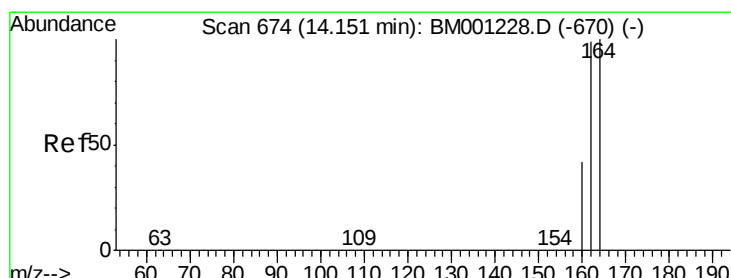
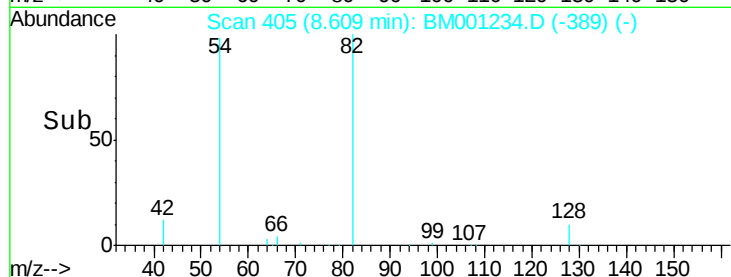
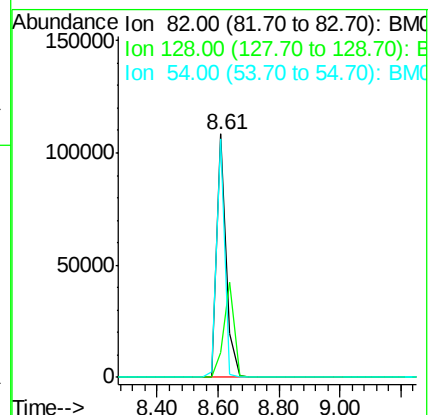
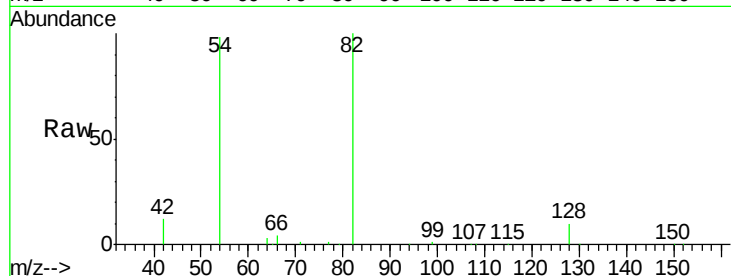
Tot Ion: 82 Resp: 239354

Ion Ratio Lower Upper

82 100

128 0.0 0.0 0.0

54 85.6 59.0 88.6



#16

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.15 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

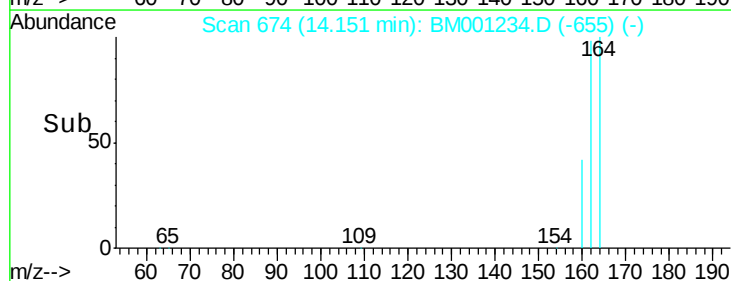
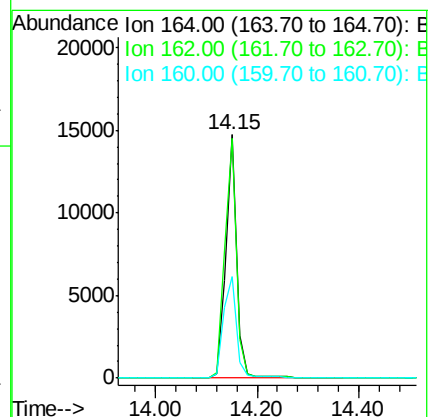
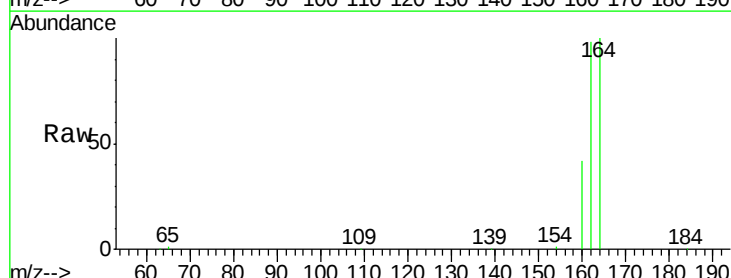
Tgt Ion: 164 Resp: 21989

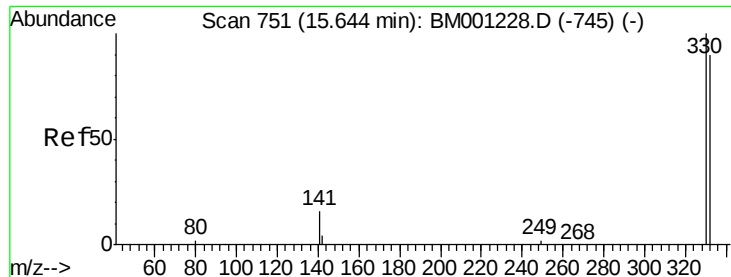
Ion Ratio Lower Upper

164 100

162 98.3 79.2 118.8

160 41.8 33.7 50.5

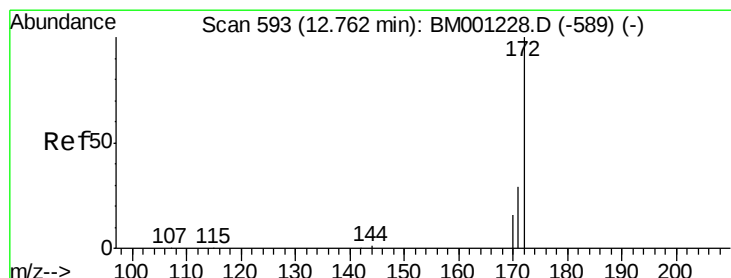
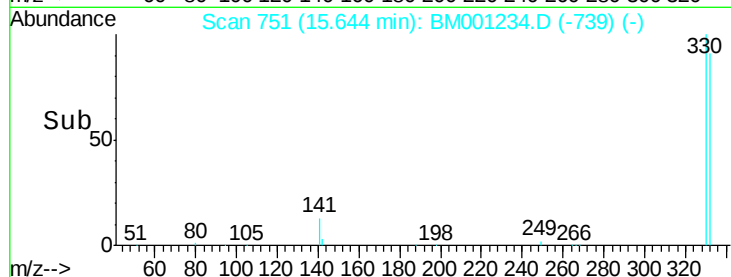
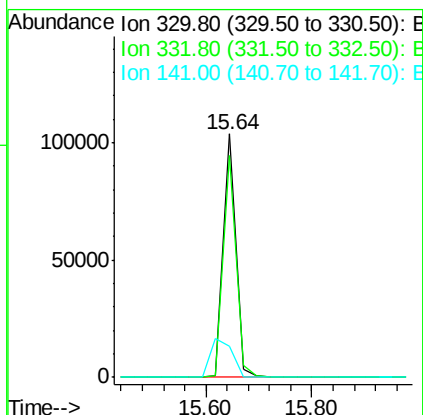
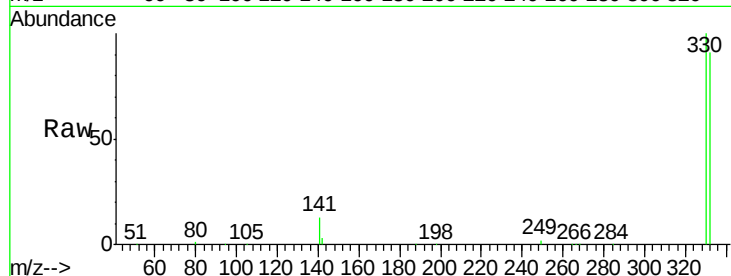




#17  
 2,4,6-Tribromophenol  
 Concen: 132.81 ng  
 RT: 15.64 min Scan# 751  
 Delta R.T. 0.00 min  
 Lab File: BM001234.D  
 Acq: 07 May 2015 02:03

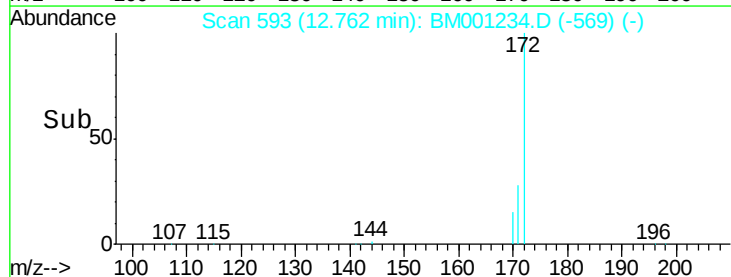
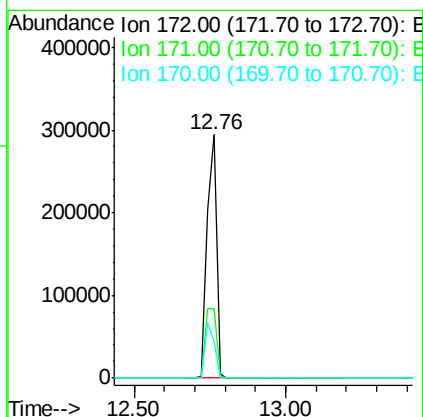
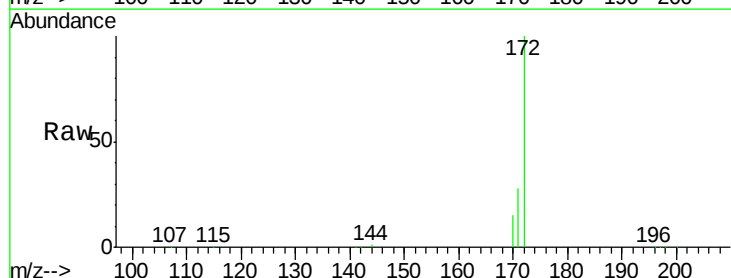
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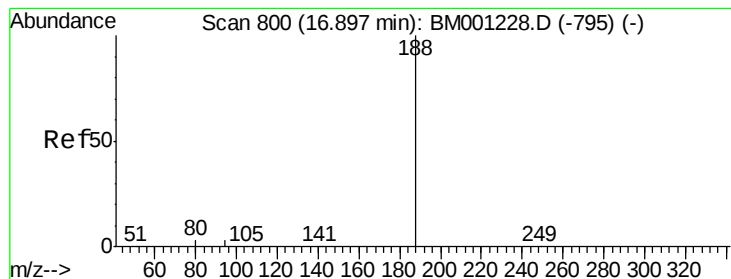
Tot Ion:330 Resp: 168263  
 Ion Ratio Lower Upper  
 330 100  
 332 92.4 74.0 111.0  
 141 0.0 24.1 36.1#



#20  
 2-Fluorobiphenyl  
 Concen: 91.54 ng  
 RT: 12.76 min Scan# 593  
 Delta R.T. 0.00 min  
 Lab File: BM001234.D  
 Acq: 07 May 2015 02:03

Tgt Ion:172 Resp: 627476  
 Ion Ratio Lower Upper  
 172 100  
 171 0.0 0.0 0.0  
 170 0.0 0.0 0.0





#23

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.90 min Scan# 800

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

Instrument :

BNA\_M

ClientSampleId :

PB83180BL

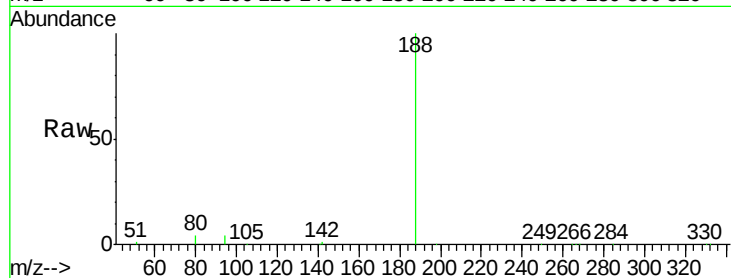
Tot Ion:188 Resp: 37762

Ion Ratio Lower Upper

188 100

94 4.0 2.9 4.3

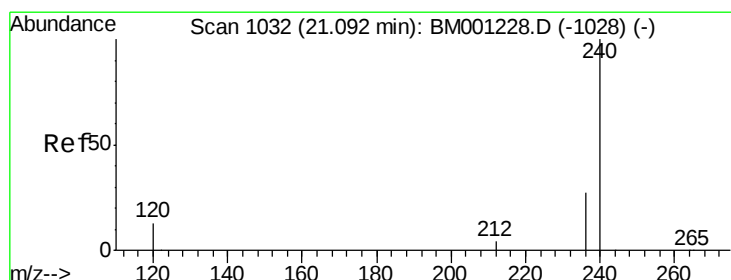
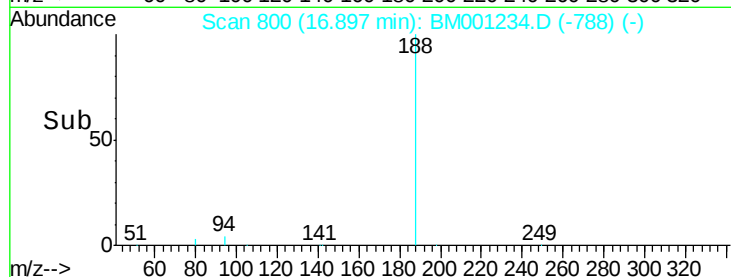
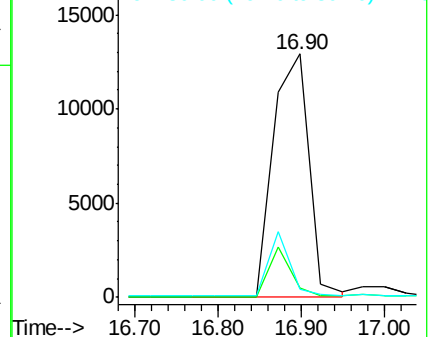
80 3.6 2.5 3.7



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



#27

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM001234.D

Acq: 07 May 2015 02:03

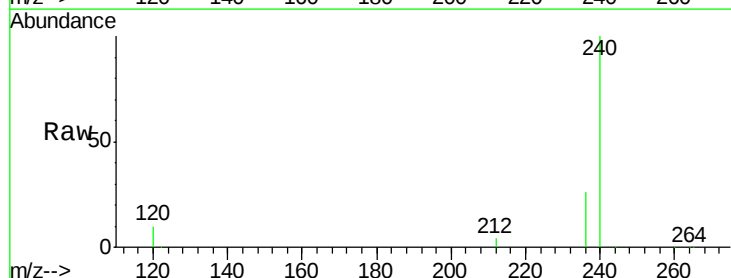
Tgt Ion:240 Resp: 37118

Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

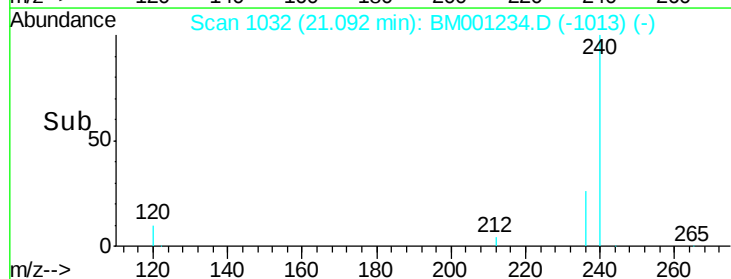
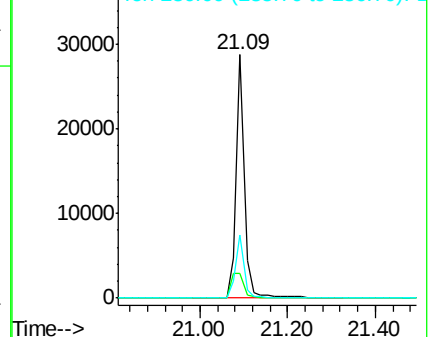
236 26.2 22.0 33.0

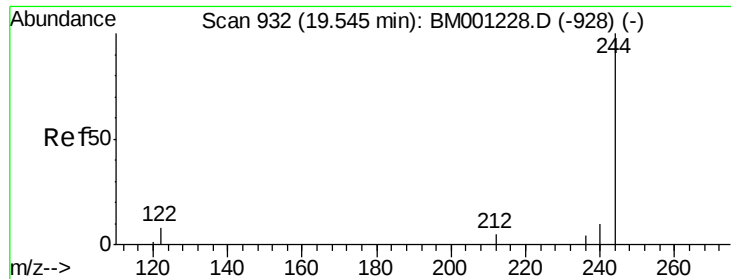


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

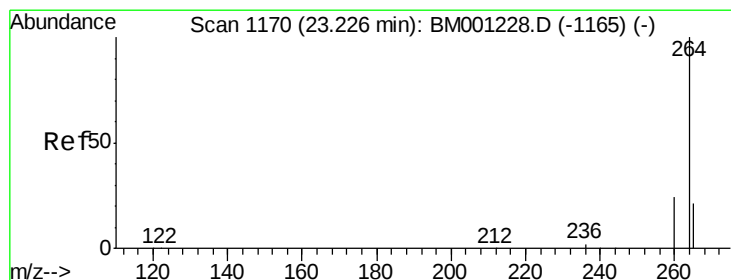
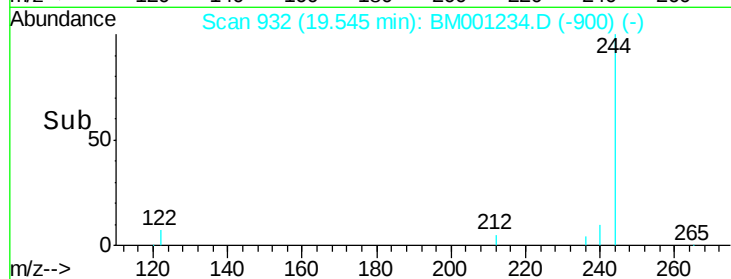
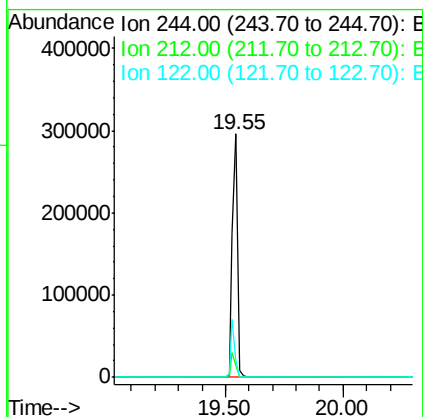
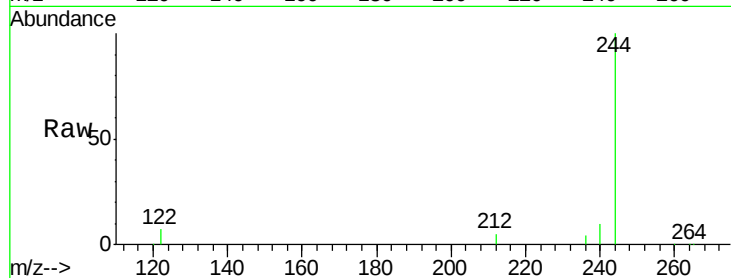




#28  
 Terphenyl-d14  
 Concen: 92.86 ng  
 RT: 19.55 min Scan# 932  
 Delta R.T. 0.00 min  
 Lab File: BM001234.D  
 Acq: 07 May 2015 02:03

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Tot Ion:244 Resp: 453541  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 7.3 10.9  
 122 19.7 14.8 22.2



#29  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.23 min Scan# 1170  
 Delta R.T. 0.00 min  
 Lab File: BM001234.D  
 Acq: 07 May 2015 02:03

Tgt Ion:264 Resp: 34929  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.7 29.5  
 265 23.1 17.4 26.2

