

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051815\  
 Data File : BM001340.D  
 Acq On : 18 May 2015 20:59  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Quant Time: May 19 02:32:58 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIMPAH-BM051315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 19 02:11:49 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 14731    | 5.00 | ng    | 0.02     |
| 6) Naphthalene-d8         | 10.22 | 136  | 53397    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.12 | 164  | 28033    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.85 | 188  | 79575    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.07 | 240  | 48579    | 5.00 | ng    | -0.01    |
| 30) Perylene-d12          | 23.18 | 264  | 43809    | 5.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.02  | 112  | 2689     | 0.94 | ng    | 0.00     |
| 5) Phenol-d6                | 6.63  | 99   | 3138     | 0.97 | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.60  | 82   | 2744     | 0.91 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol    | 15.63 | 330  | 590      | 0.70 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.73 | 172  | 8375     | 0.96 | ng    | 0.00     |
| 26) Terphenyl-d14           | 19.51 | 244  | 6234     | 0.96 | ng    | 0.00     |

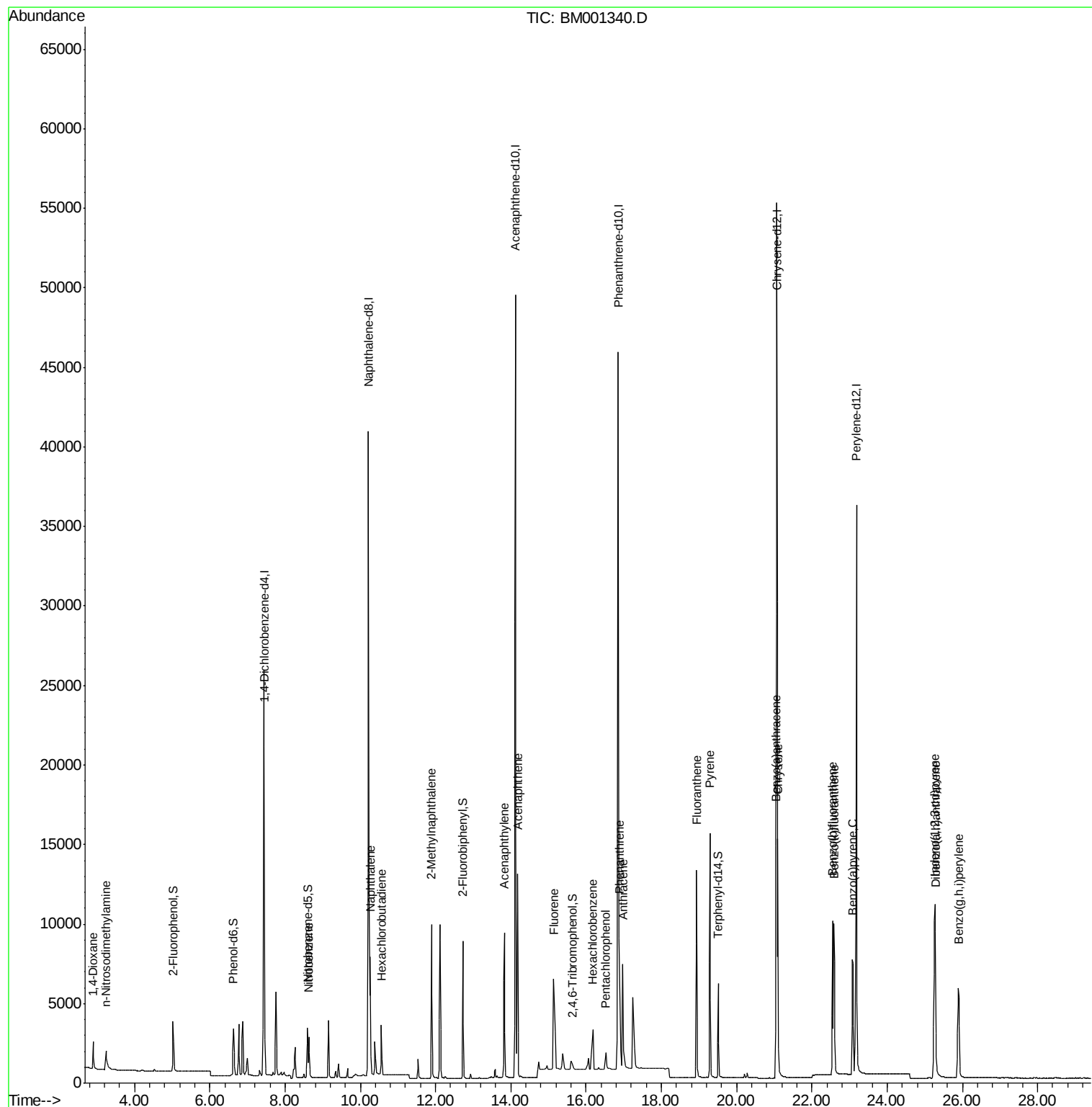
| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane             | 2.90  | 88   | 1212     | 0.40 | ng    | # 55   |
| 3) n-Nitrosodimethylamine  | 3.24  | 42   | 1546     | 0.93 | ng    | # 95   |
| 8) Nitrobenzene            | 8.64  | 77   | 2776     | 0.88 | ng    | 99     |
| 9) Naphthalene             | 10.27 | 128  | 10954    | 0.96 | ng    | 98     |
| 10) Hexachlorobutadiene    | 10.56 | 225  | 2117     | 0.95 | ng    | 99     |
| 11) 2-Methylnaphthalene    | 11.90 | 142  | 7067     | 0.96 | ng    | 92     |
| 15) Acenaphthylene         | 13.83 | 152  | 10933    | 0.95 | ng    | 99     |
| 16) Acenaphthene           | 14.18 | 154  | 6995     | 0.95 | ng    | 98     |
| 17) Fluorene               | 15.14 | 166  | 5671     | 0.85 | ng    | # 83   |
| 19) Hexachlorobenzene      | 16.18 | 284  | 3658     | 0.71 | ng    | # 86   |
| 20) Pentachlorophenol      | 16.52 | 266  | 782      | 0.91 | ng    | 92     |
| 21) Phenanthrene           | 16.88 | 178  | 11604    | 0.96 | ng    | # 96   |
| 22) Anthracene             | 16.98 | 178  | 10931    | 0.93 | ng    | # 97   |
| 23) Fluoranthene           | 18.93 | 202  | 13367    | 0.70 | ng    | 100    |
| 25) Pyrene                 | 19.30 | 202  | 13939    | 0.93 | ng    | 100    |
| 27) Benzo(a)anthracene     | 21.05 | 228  | 12170    | 0.92 | ng    | 93     |
| 28) Chrysene               | 21.10 | 228  | 12661    | 0.95 | ng    | 94     |
| 29) Indeno(1,2,3-cd)pyrene | 25.26 | 276  | 12791    | 0.94 | ng    | 99     |
| 31) Benzo(b)fluoranthene   | 22.55 | 252  | 11628    | 0.91 | ng    | 99     |
| 32) Benzo(k)fluoranthene   | 22.59 | 252  | 11921    | 0.98 | ng    | 99     |
| 33) Benzo(a)pyrene         | 23.08 | 252  | 10338    | 0.93 | ng    | 99     |
| 34) Dibenzo(a,h)anthracene | 25.28 | 278  | 9916     | 0.95 | ng    | 99     |
| 35) Benzo(g,h,i)perylene   | 25.89 | 276  | 10805    | 0.94 | ng    | 98     |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.02 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

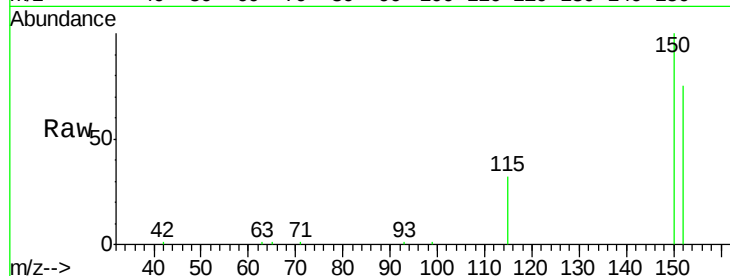
Tgt Ion: 152 Resp: 14731

Ion Ratio Lower Upper

152 100

150 133.7 114.6 172.0

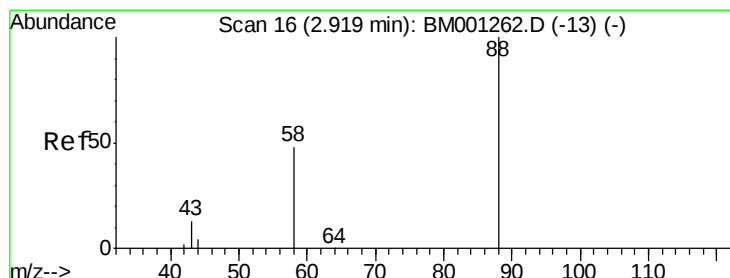
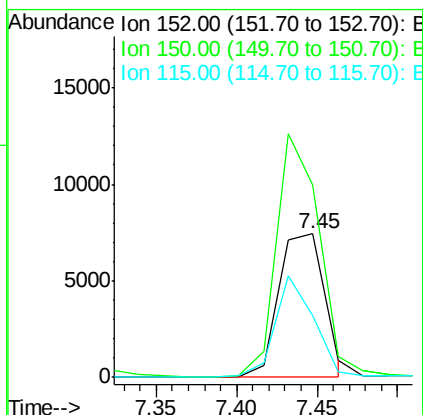
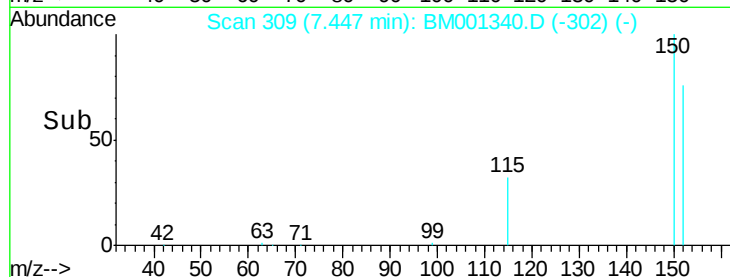
115 43.3 39.3 58.9



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



#2

1,4-Dioxane

Concen: 0.40 ng

RT: 2.90 min Scan# 15

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

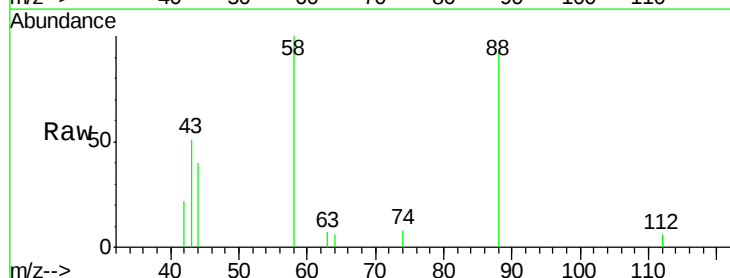
Tgt Ion: 88 Resp: 1212

Ion Ratio Lower Upper

88 100

58 83.9 39.0 58.6#

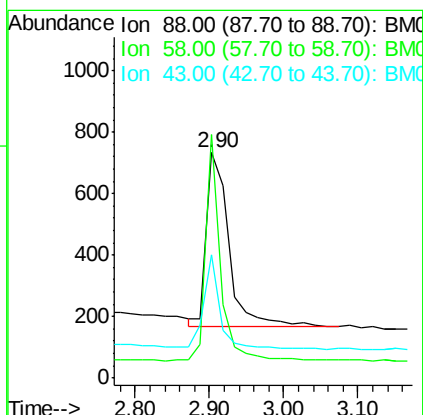
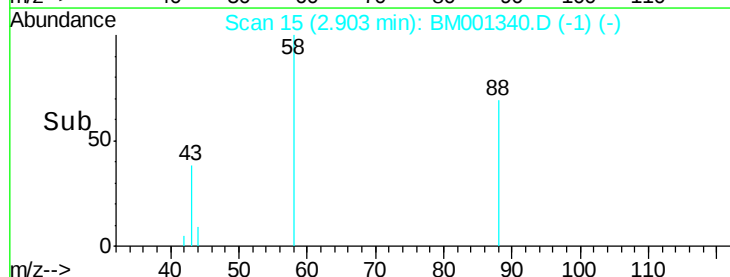
43 40.8 20.2 30.2#



Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.93 ng

RT: 3.24 min Scan# 37

Delta R.T. 0.02 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

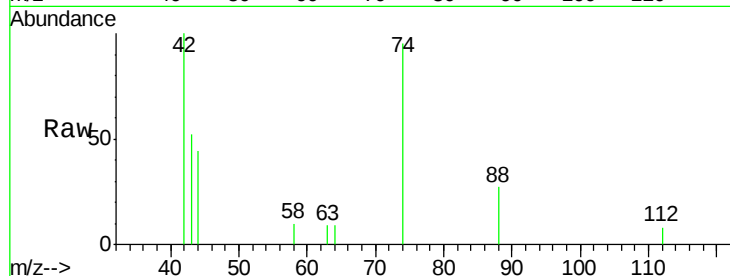
Tgt Ion: 42 Resp: 1546

Ion Ratio Lower Upper

42 100

74 97.2 82.1 123.1

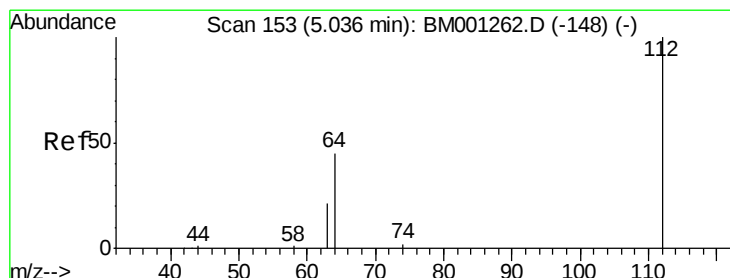
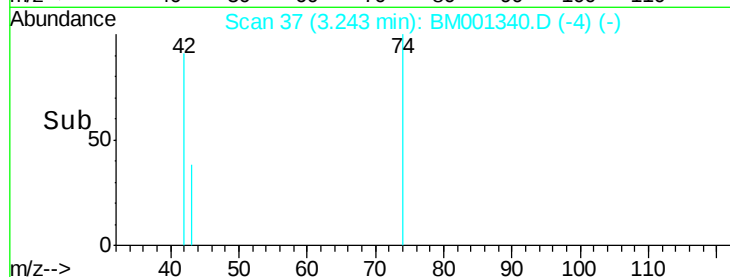
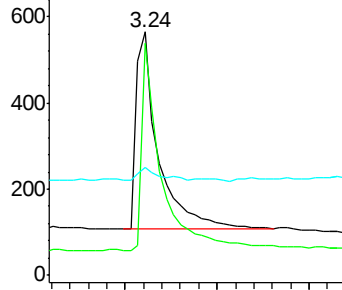
44 5.7 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BM001340.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001340.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001340.D (-33) (-)



#4

2-Fluorophenol

Concen: 0.94 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

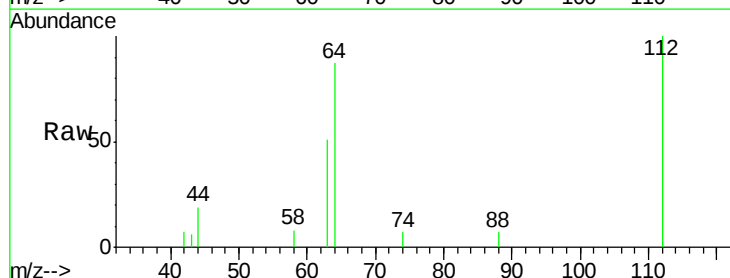
Tgt Ion: 112 Resp: 2689

Ion Ratio Lower Upper

112 100

64 65.9 50.8 76.2

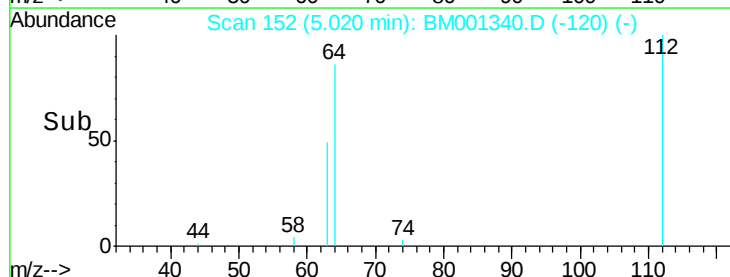
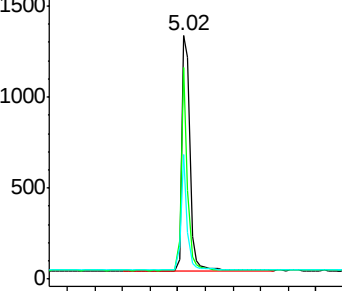
63 36.2 28.2 42.4

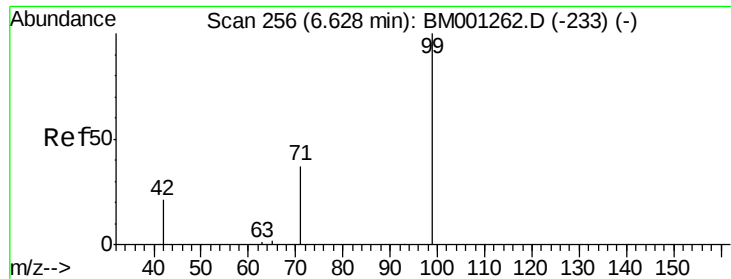


Abundance Ion 112.00 (111.70 to 112.70): BM001340.D (-120) (-)

Ion 64.00 (63.70 to 64.70): BM001340.D (-120) (-)

Ion 63.00 (62.70 to 63.70): BM001340.D (-120) (-)





#5

Phenol-d6

Concen: 0.97 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

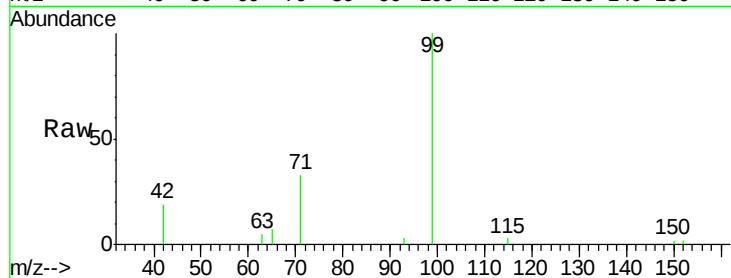
Tgt Ion: 99 Resp: 3138

Ion Ratio Lower Upper

99 100

42 25.1 19.9 29.9

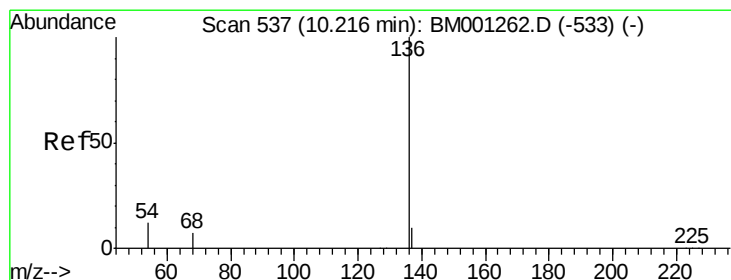
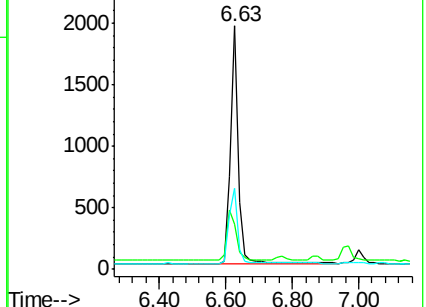
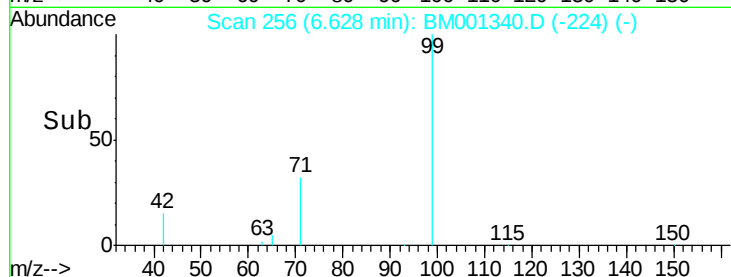
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001340.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001340.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001340.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Tgt Ion: 136 Resp: 53397

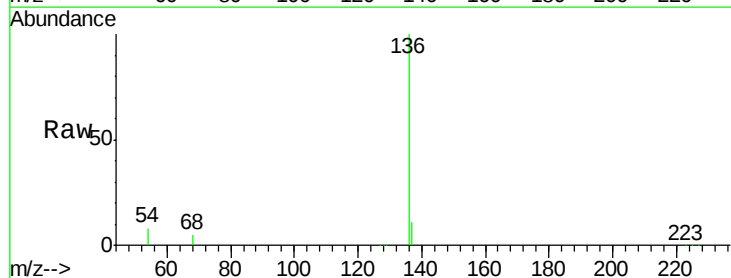
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.4 9.5 14.3#

68 5.1 5.5 8.3#

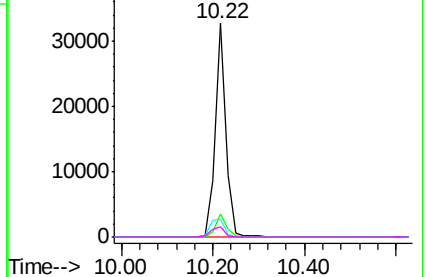
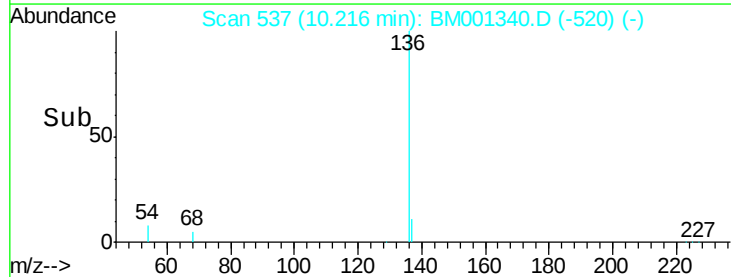


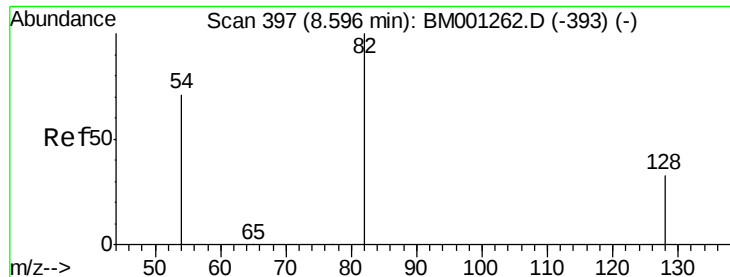
Abundance Ion 136.00 (135.70 to 136.70): BM001340.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001340.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001340.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001340.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 0.91 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

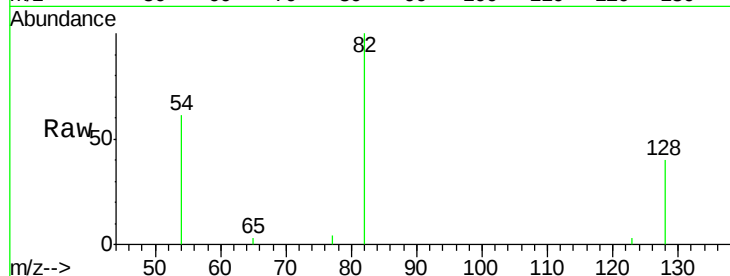
Tgt Ion: 82 Resp: 2744

Ion Ratio Lower Upper

82 100

128 40.4 28.0 42.0

54 60.8 57.3 85.9

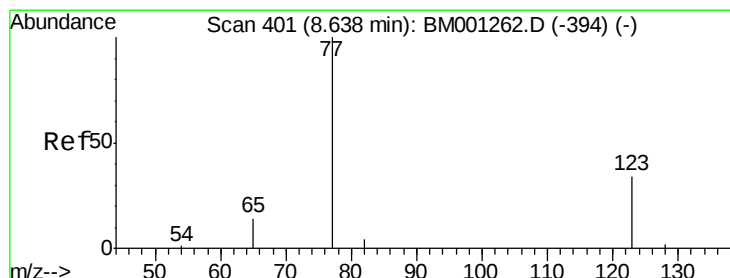
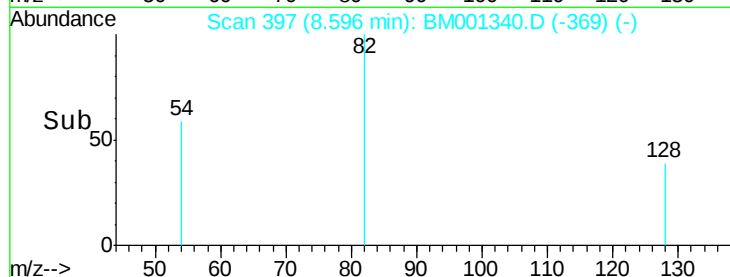


Abundance Ion 82.00 (81.70 to 82.70): BM001340.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001340.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001340.D (-369) (-)

Time-->



#8

Nitrobenzene

Concen: 0.88 ng

RT: 8.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

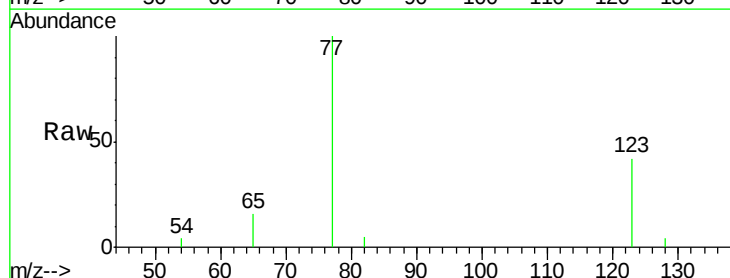
Tgt Ion: 77 Resp: 2776

Ion Ratio Lower Upper

77 100

123 41.8 33.4 50.2

65 14.6 10.6 15.8

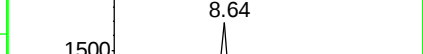
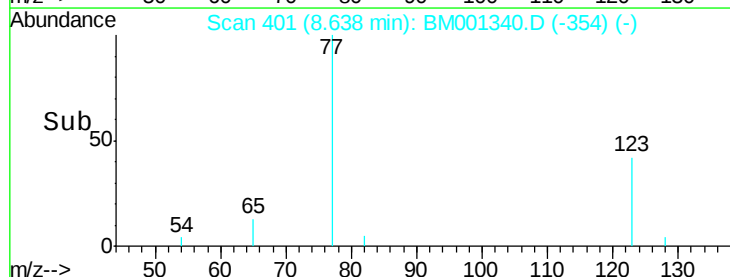


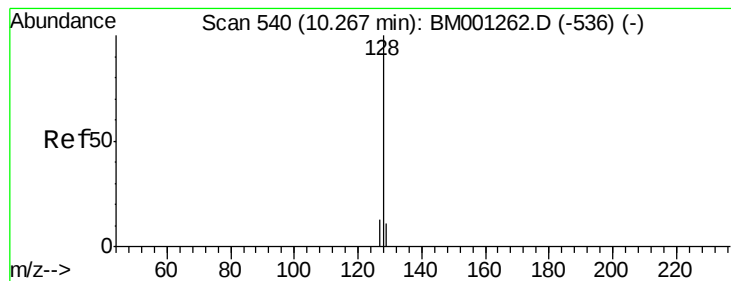
Abundance Ion 77.00 (76.70 to 77.70): BM001340.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001340.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001340.D (-354) (-)

Time-->





#9

Naphthalene

Concen: 0.96 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

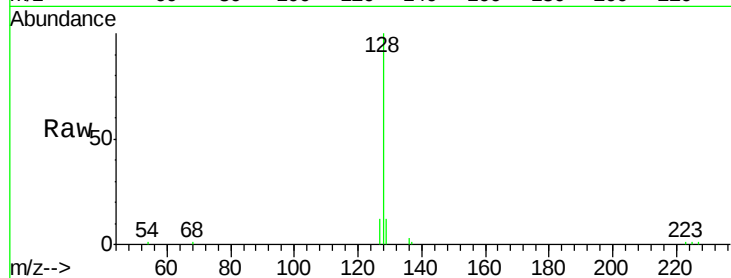
Tgt Ion:128 Resp: 10954

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

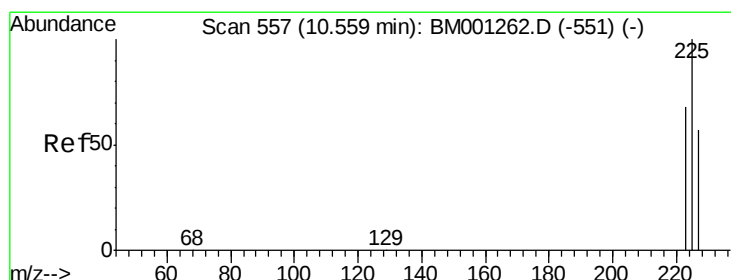
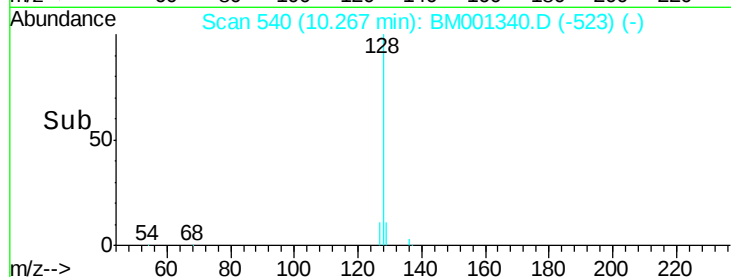
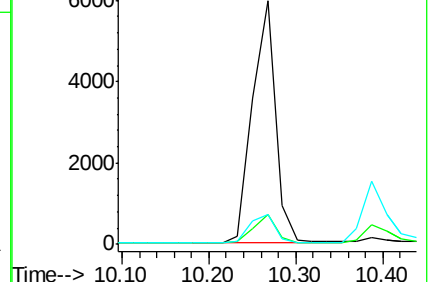
127 12.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.95 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

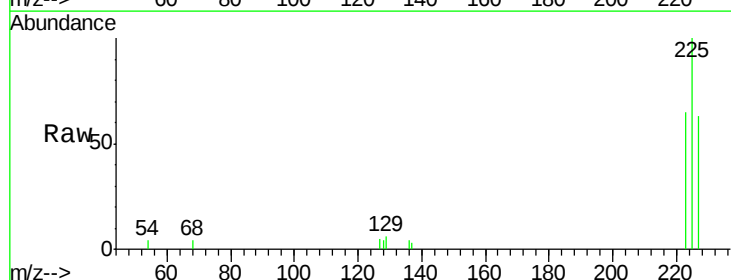
Tgt Ion:225 Resp: 2117

Ion Ratio Lower Upper

225 100

223 63.8 49.6 74.4

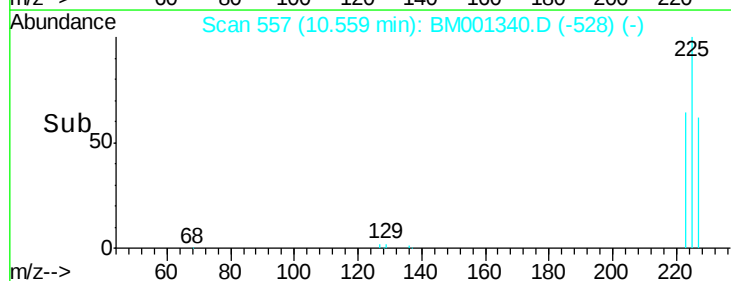
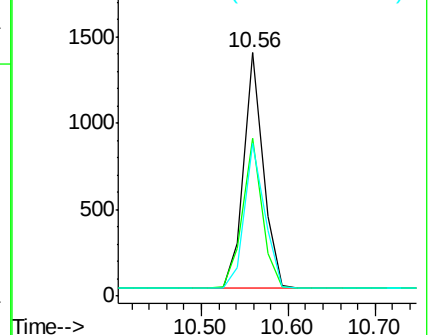
227 64.1 51.4 77.2

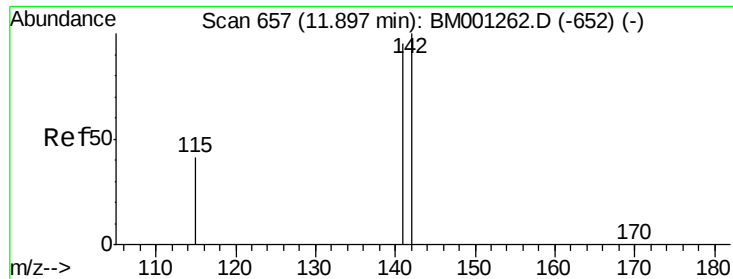


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

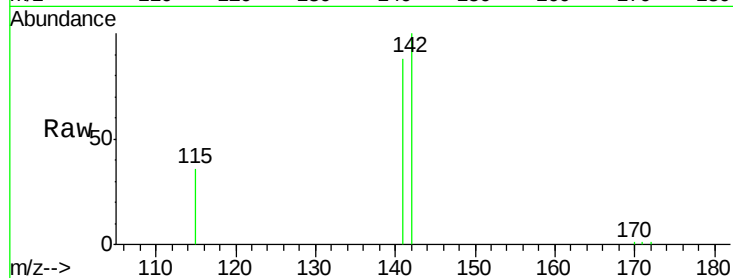




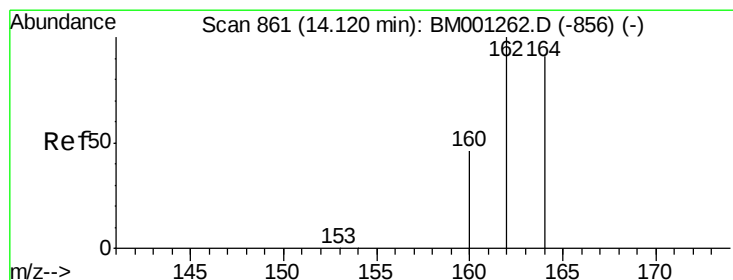
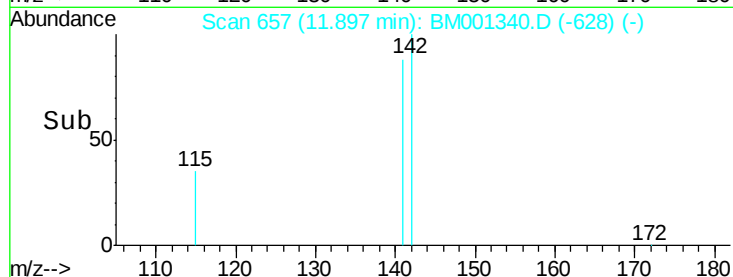
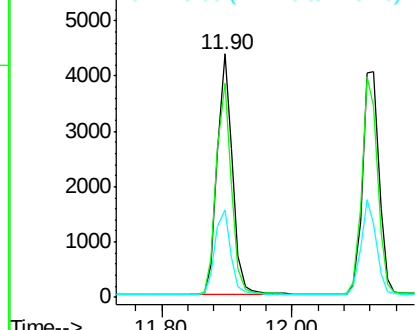
#11  
2-Methylnaphthalene  
Concen: 0.96 ng  
RT: 11.90 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: BM001340.D  
Acq: 18 May 2015 20:59

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

Tgt Ion:142 Resp: 7067  
Ion Ratio Lower Upper  
142 100  
141 88.1 76.1 114.1  
115 35.8 33.1 49.7

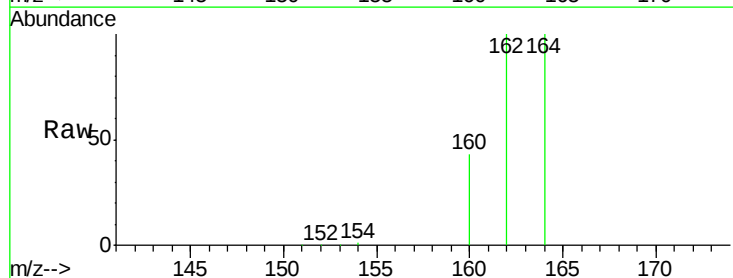


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

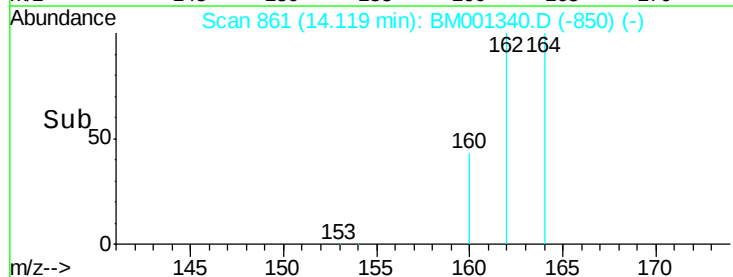
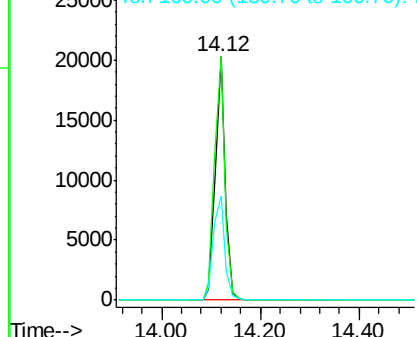


#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.12 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BM001340.D  
Acq: 18 May 2015 20:59

Tgt Ion:164 Resp: 28033  
Ion Ratio Lower Upper  
164 100  
162 99.9 87.9 131.9  
160 42.9 40.9 61.3



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

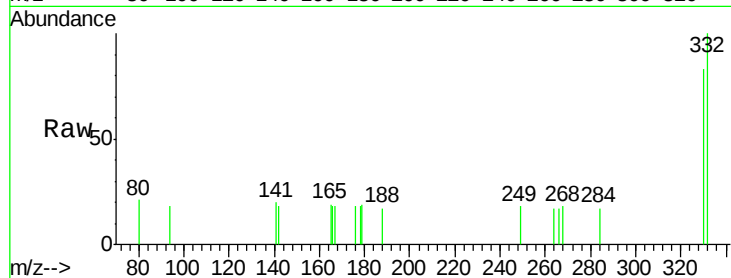




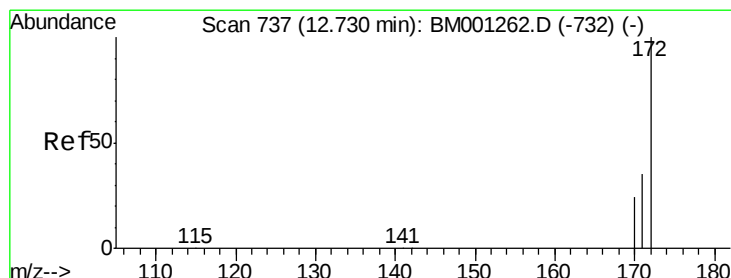
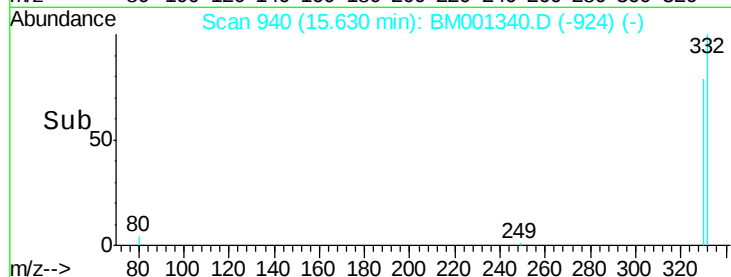
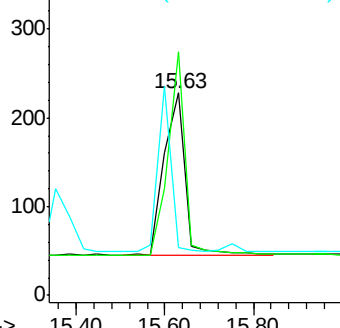
#13  
 2,4,6-Tribromophenol  
 Concen: 0.70 ng  
 RT: 15.63 min Scan# 940  
 Delta R.T. -0.00 min  
 Lab File: BM001340.D  
 Acq: 18 May 2015 20:59

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Tgt Ion:330 Resp: 590  
 Ion Ratio Lower Upper  
 330 100  
 332 102.0 89.0 133.4  
 141 0.0 0.0 0.0

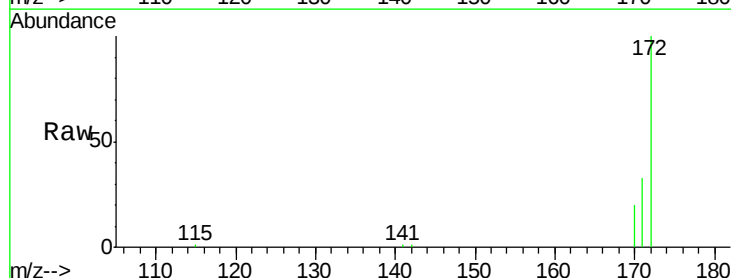


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

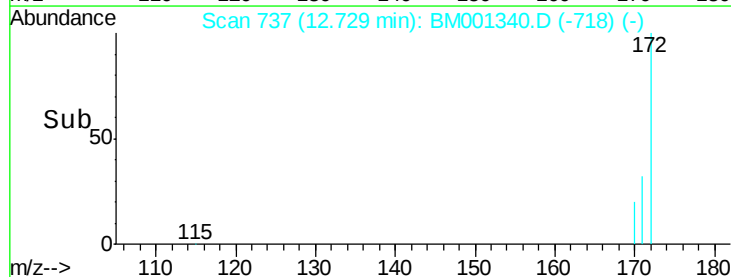
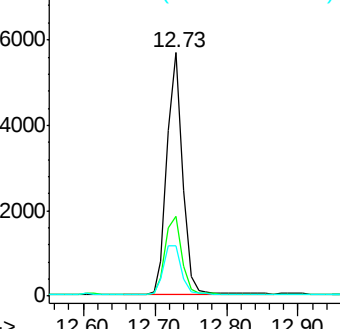


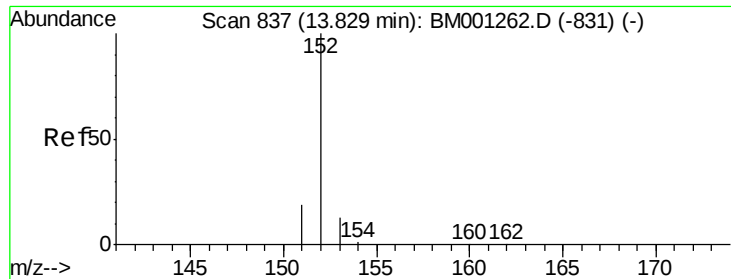
#14  
 2-Fluorobiphenyl  
 Concen: 0.96 ng  
 RT: 12.73 min Scan# 737  
 Delta R.T. -0.00 min  
 Lab File: BM001340.D  
 Acq: 18 May 2015 20:59

Tgt Ion:172 Resp: 8375  
 Ion Ratio Lower Upper  
 172 100  
 171 32.8 28.7 43.1  
 170 20.4 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





#15

Acenaphthylene

Concen: 0.95 ng

RT: 13.83 min Scan# 837

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

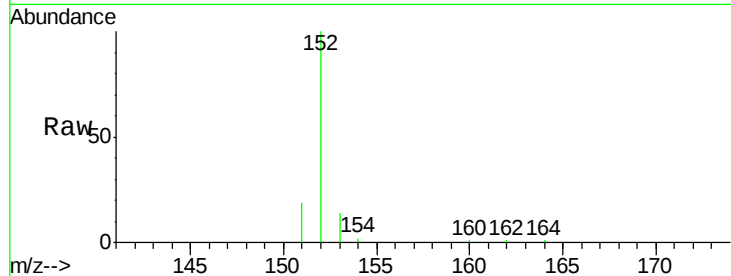
Tgt Ion:152 Resp: 10933

Ion Ratio Lower Upper

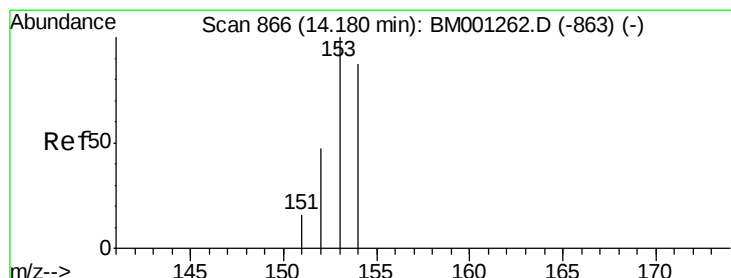
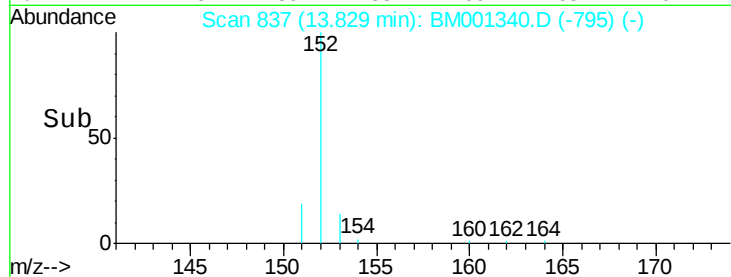
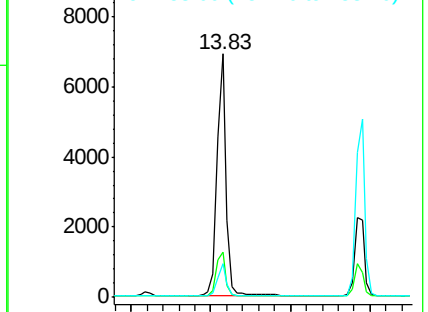
152 100

151 19.0 15.0 22.4

153 12.8 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.95 ng

RT: 14.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

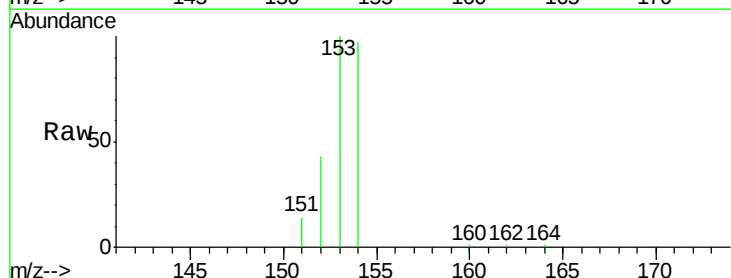
Tgt Ion:154 Resp: 6995

Ion Ratio Lower Upper

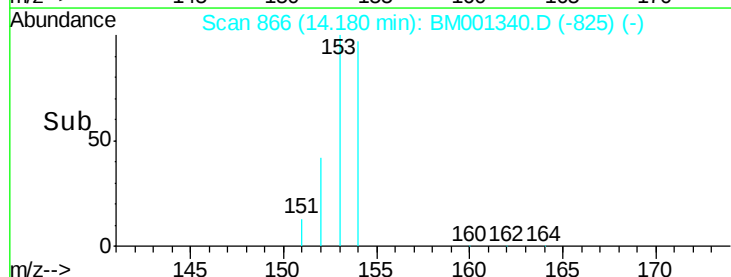
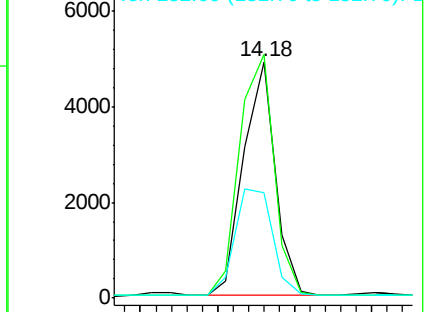
154 100

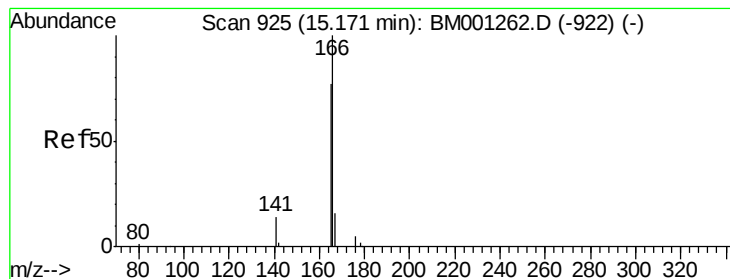
153 112.7 91.4 137.2

152 54.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.85 ng

RT: 15.14 min Scan# 924

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

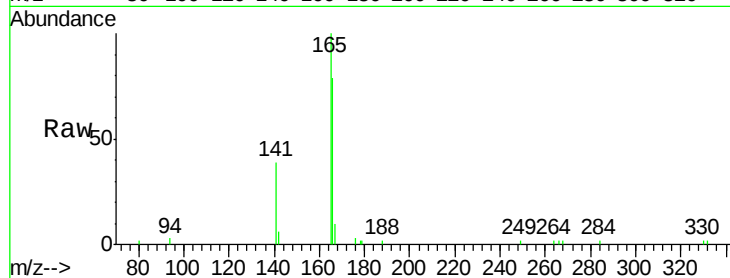
Tgt Ion:166 Resp: 5671

Ion Ratio Lower Upper

166 100

165 106.4 70.6 106.0#

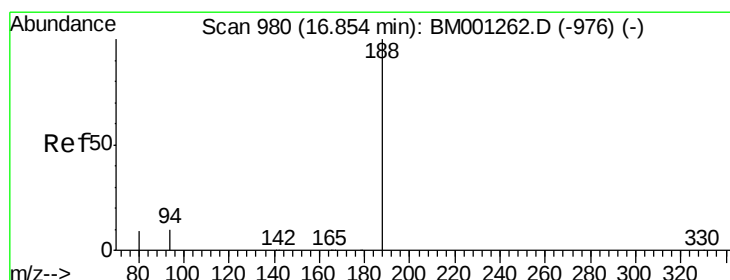
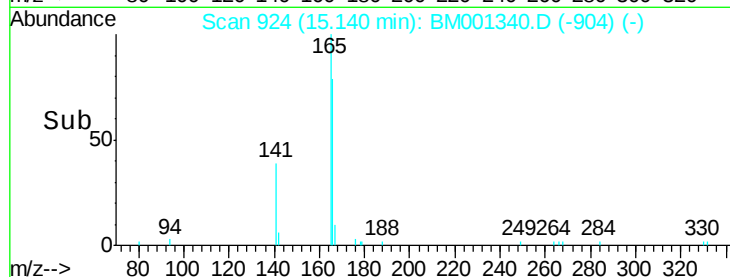
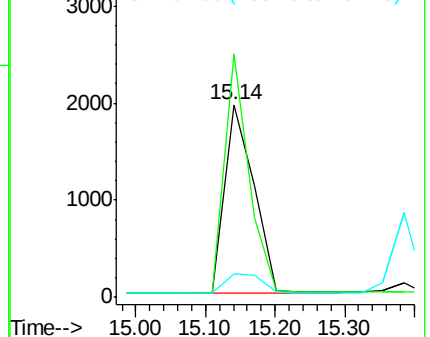
167 12.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

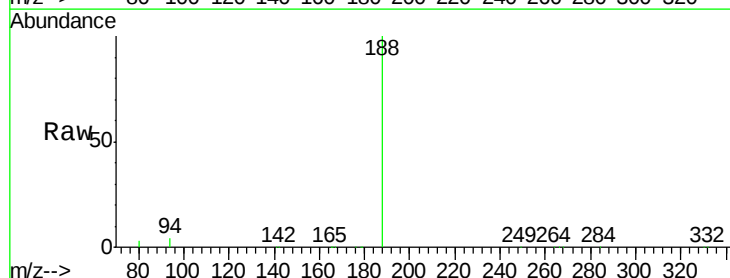
Tgt Ion:188 Resp: 79575

Ion Ratio Lower Upper

188 100

94 3.6 7.8 11.8#

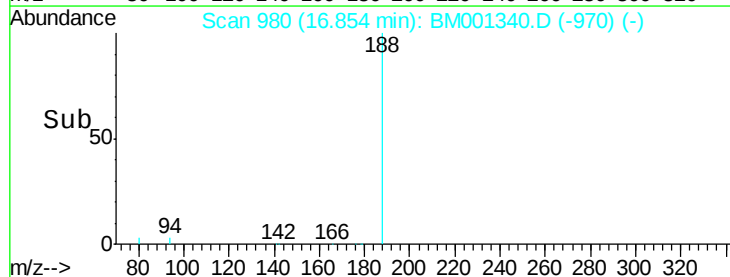
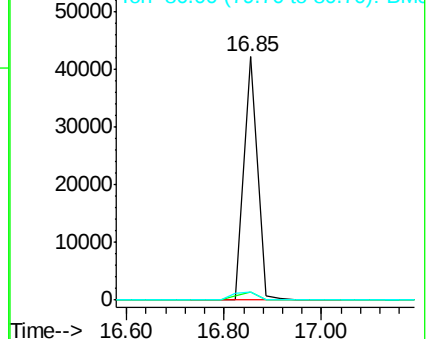
80 3.1 7.5 11.3#

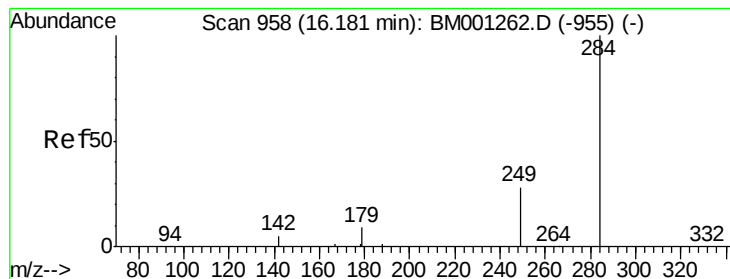


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 0.71 ng

RT: 16.18 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

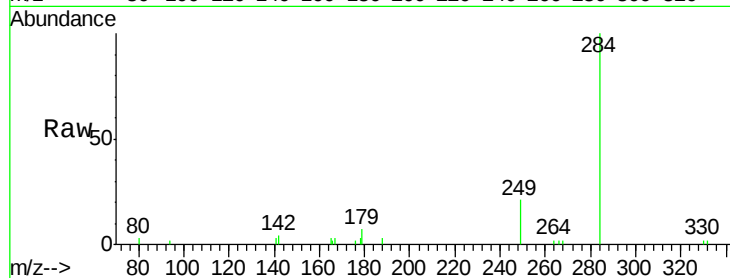
Tgt Ion:284 Resp: 3658

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

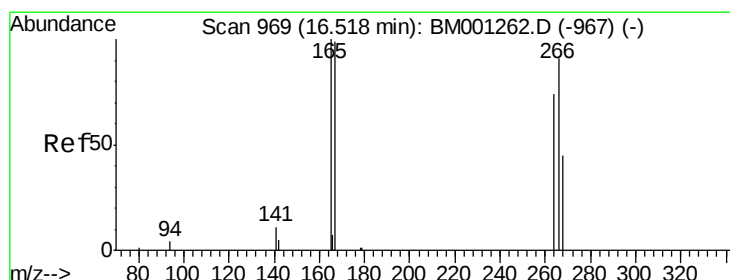
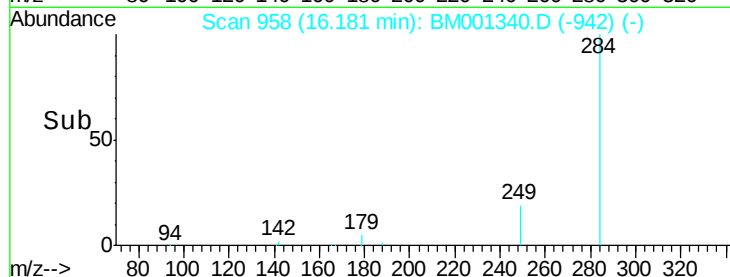
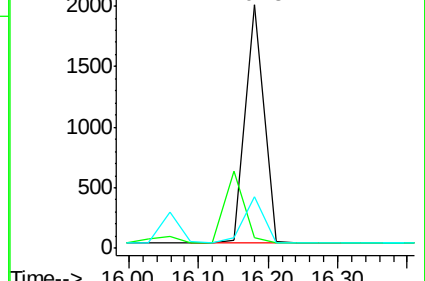
249 21.2 22.7 34.1#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 0.91 ng

RT: 16.52 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

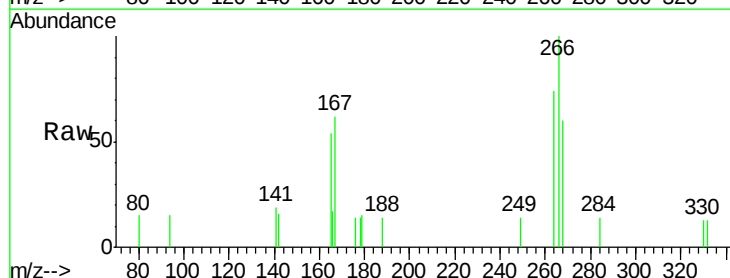
Tgt Ion:266 Resp: 782

Ion Ratio Lower Upper

266 100

268 59.9 49.4 74.0

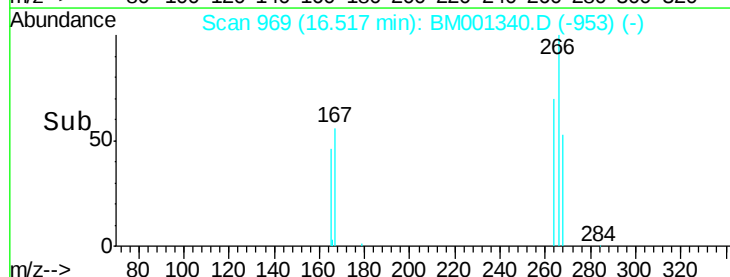
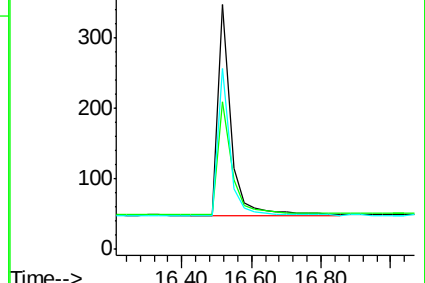
264 73.8 67.8 101.6

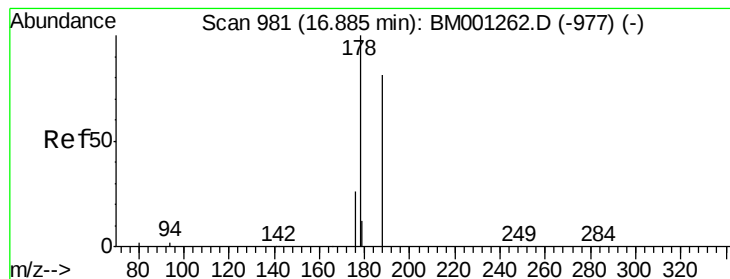


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.96 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

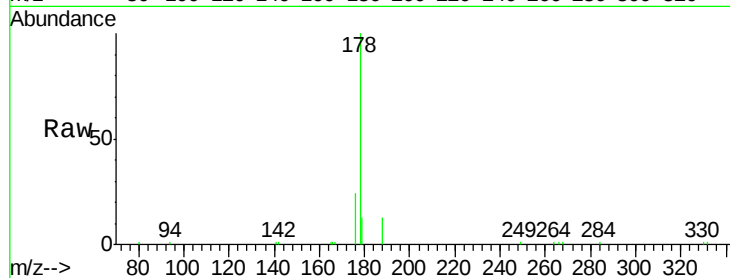
Tgt Ion:178 Resp: 11604

Ion Ratio Lower Upper

178 100

176 21.8 15.9 23.9

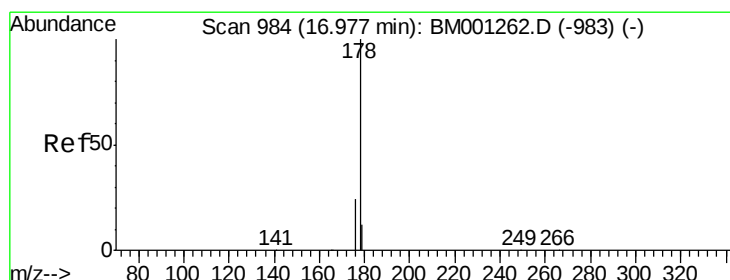
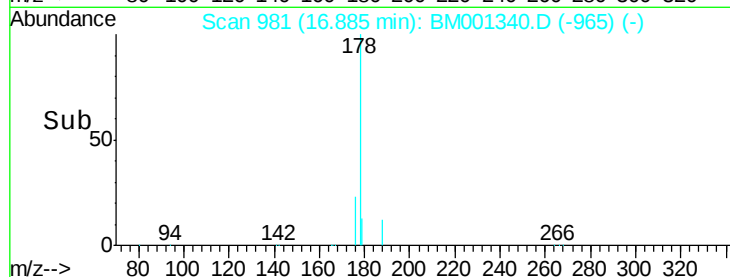
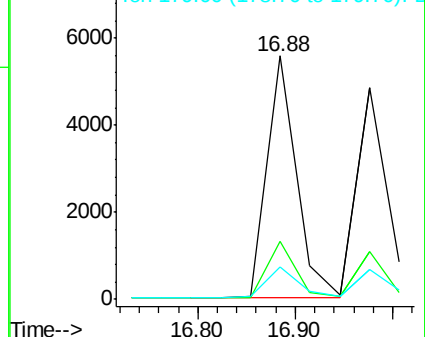
179 13.9 0.0 0.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.93 ng

RT: 16.98 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

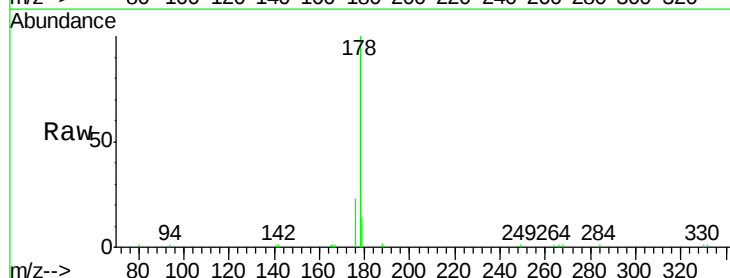
Tgt Ion:178 Resp: 10931

Ion Ratio Lower Upper

178 100

176 20.6 15.3 22.9

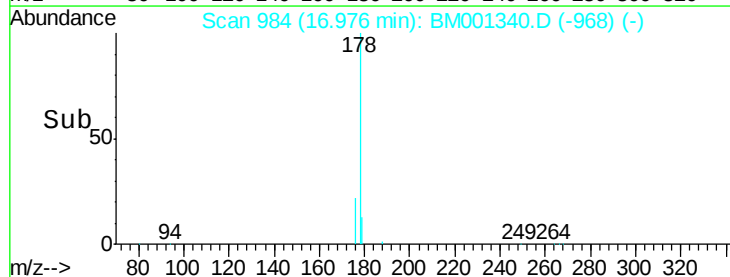
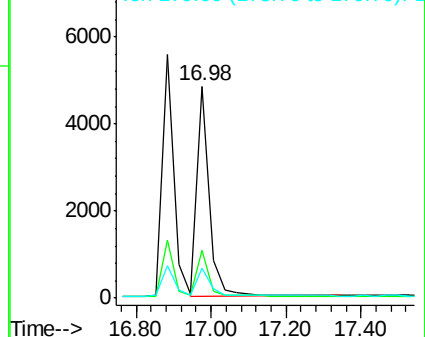
179 14.2 0.0 0.0#

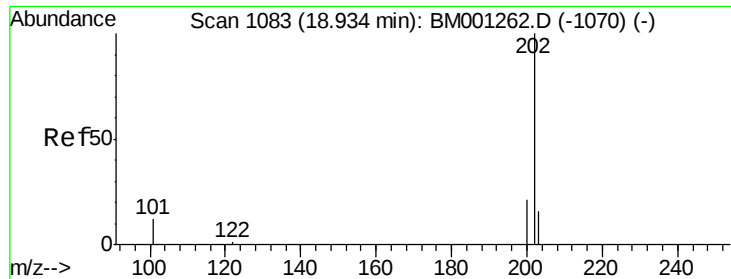


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.70 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

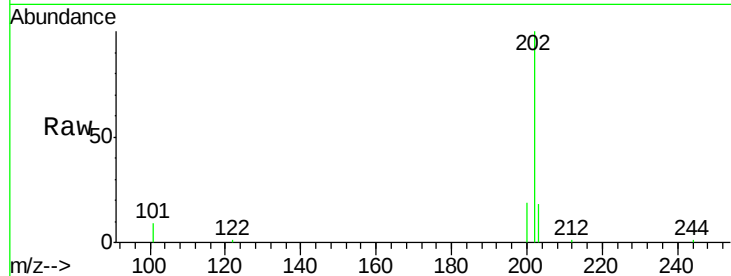
Tgt Ion:202 Resp: 13367

Ion Ratio Lower Upper

202 100

101 11.2 9.1 13.7

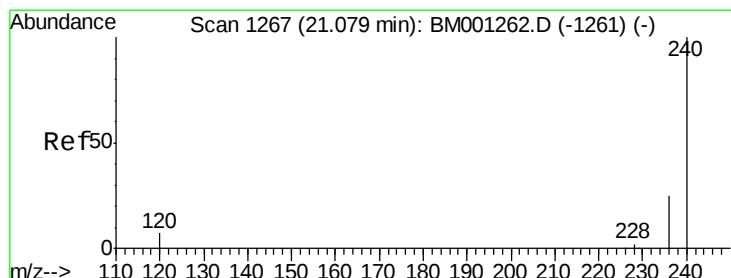
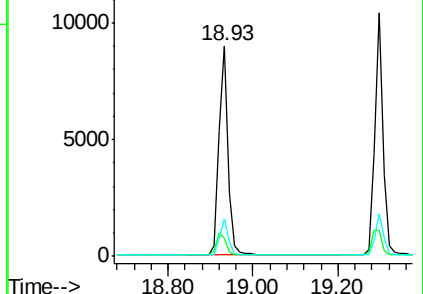
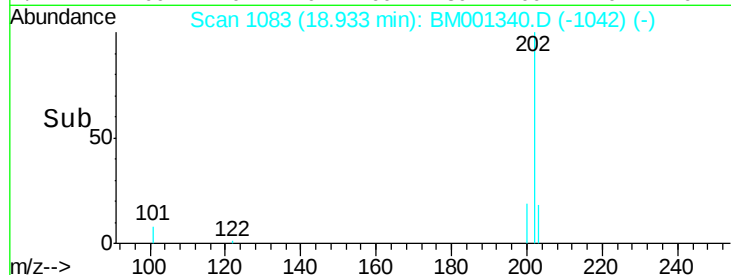
203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

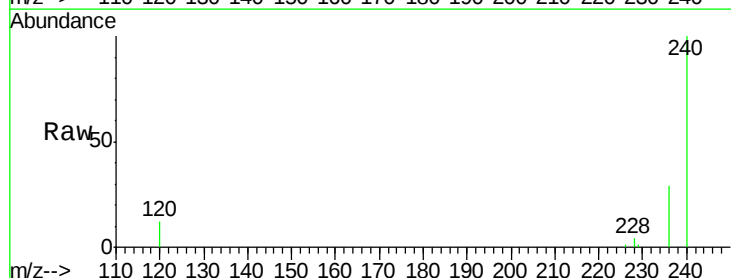
Tgt Ion:240 Resp: 48579

Ion Ratio Lower Upper

240 100

120 12.4 5.5 8.3#

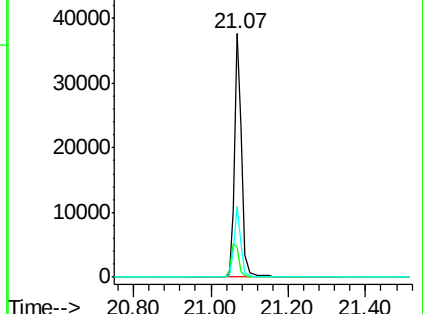
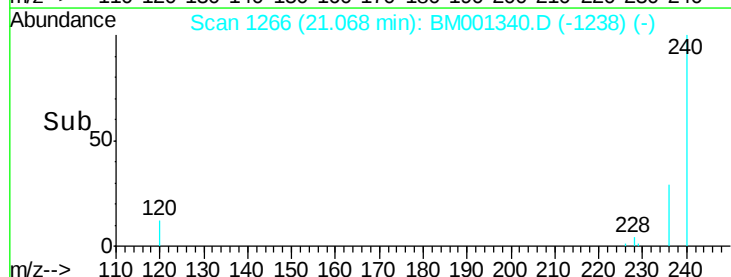
236 29.0 20.4 30.6

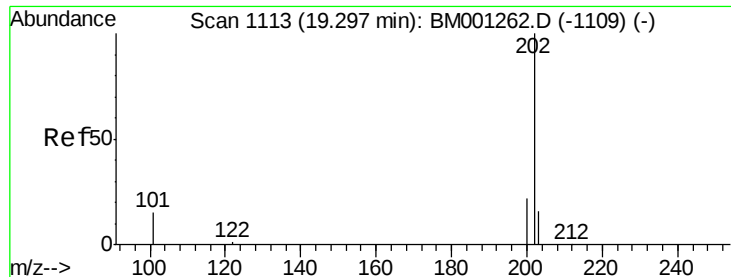


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

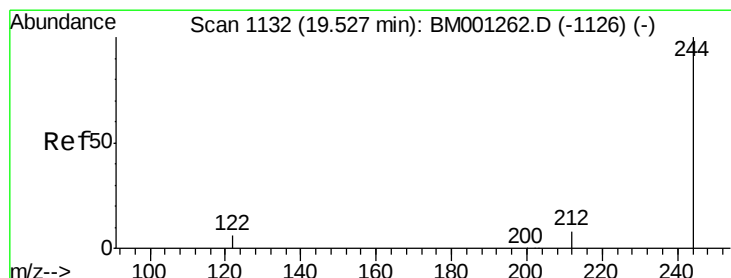
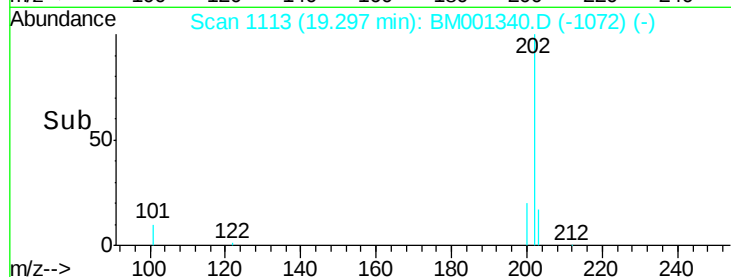
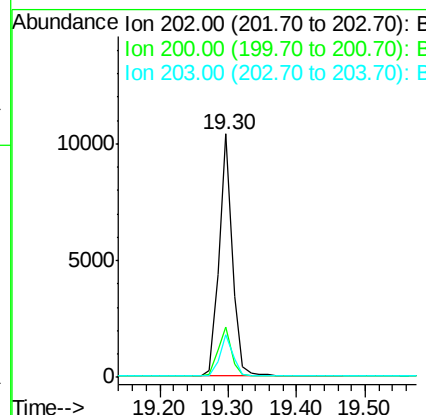
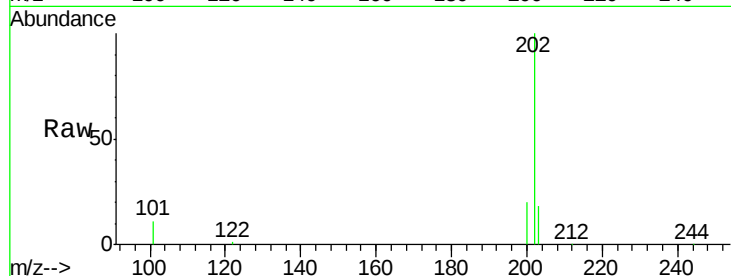




#25  
 Pyrene  
 Concen: 0.93 ng  
 RT: 19.30 min Scan# 1113  
 Delta R.T. -0.00 min  
 Lab File: BM001340.D  
 Acq: 18 May 2015 20:59

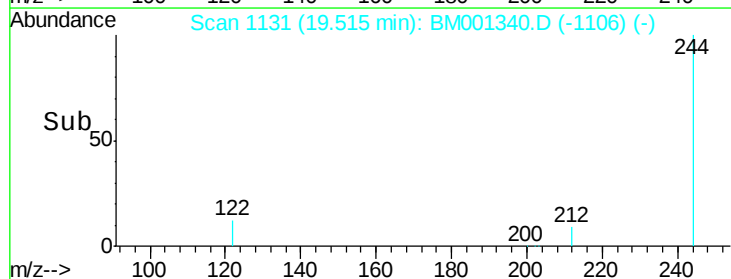
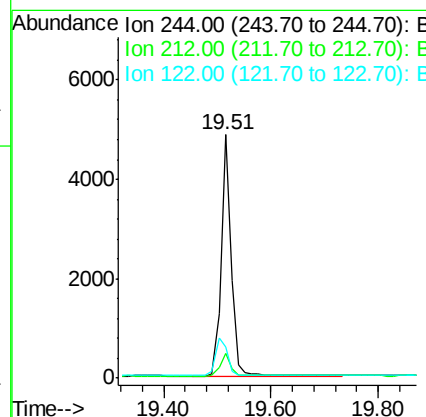
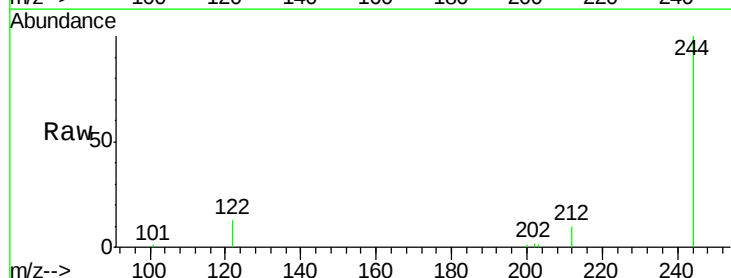
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Tgt Ion: 202 Resp: 13939  
 Ion Ratio Lower Upper  
 202 100  
 200 20.8 16.4 24.6  
 203 17.4 13.9 20.9



#26  
 Terphenyl-d14  
 Concen: 0.96 ng  
 RT: 19.51 min Scan# 1131  
 Delta R.T. -0.00 min  
 Lab File: BM001340.D  
 Acq: 18 May 2015 20:59

Tgt Ion: 244 Resp: 6234  
 Ion Ratio Lower Upper  
 244 100  
 212 10.0 7.2 10.8  
 122 13.0 5.6 8.4#





#27

Benzo(a)anthracene

Concen: 0.92 ng

RT: 21.05 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

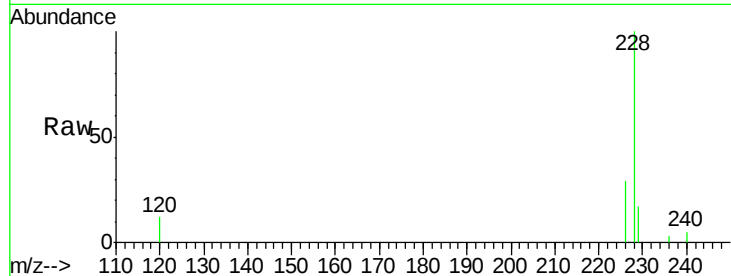
Tgt Ion:228 Resp: 12170

Ion Ratio Lower Upper

228 100

226 29.0 20.5 30.7

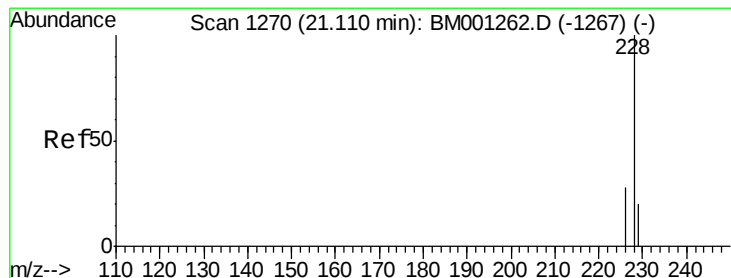
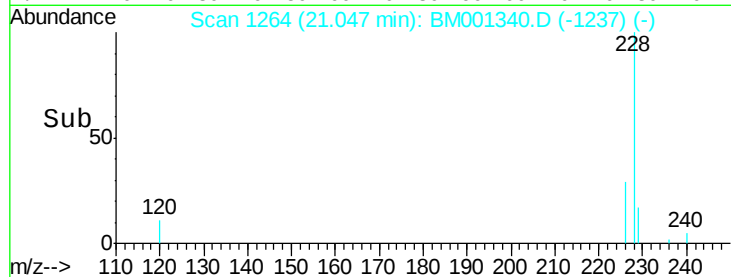
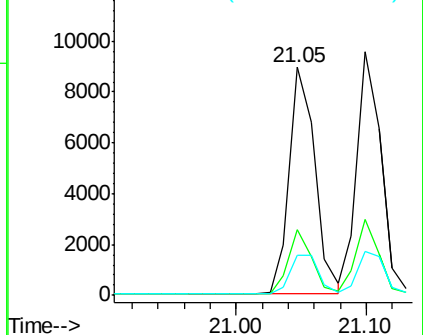
229 17.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.95 ng

RT: 21.10 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

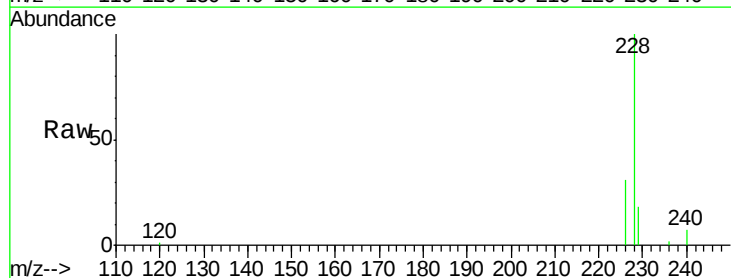
Tgt Ion:228 Resp: 12661

Ion Ratio Lower Upper

228 100

226 31.3 22.2 33.2

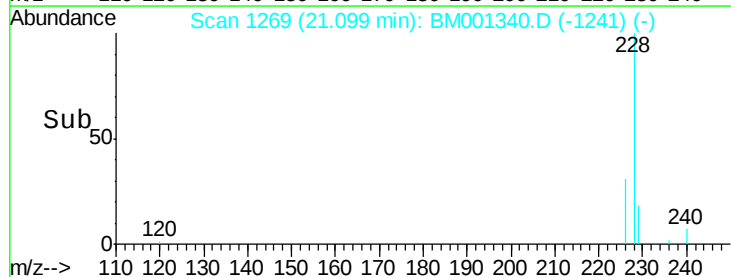
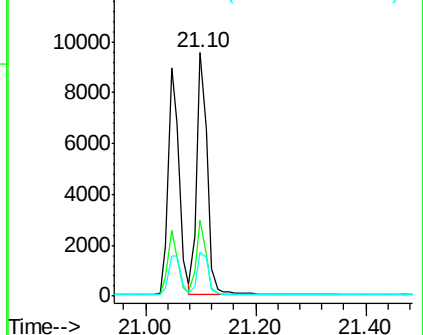
229 18.0 16.5 24.7

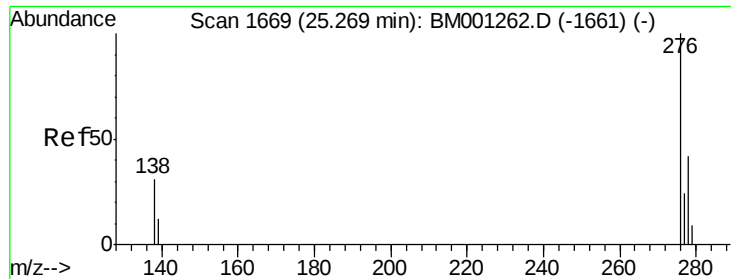


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.94 ng

RT: 25.26 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

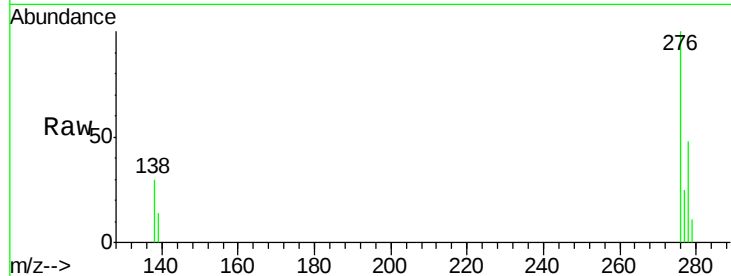
Tgt Ion:276 Resp: 12791

Ion Ratio Lower Upper

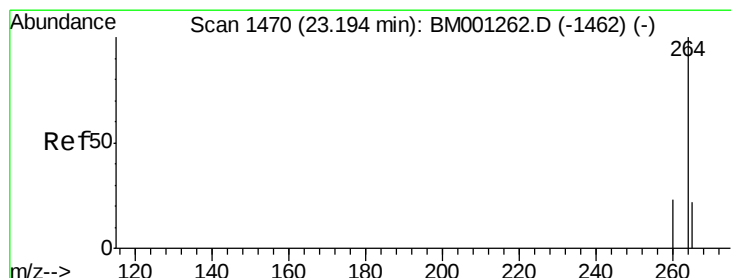
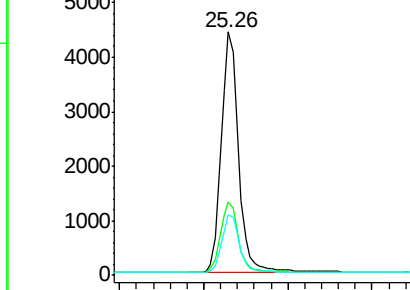
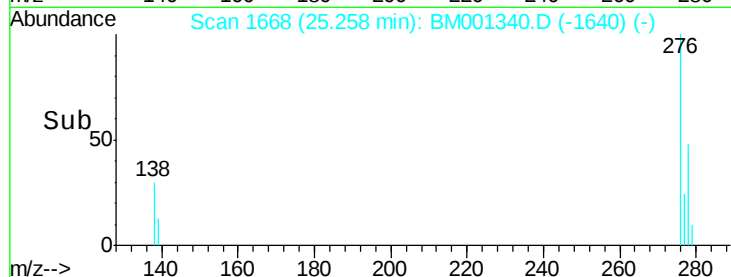
276 100

138 30.4 24.9 37.3

277 24.6 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

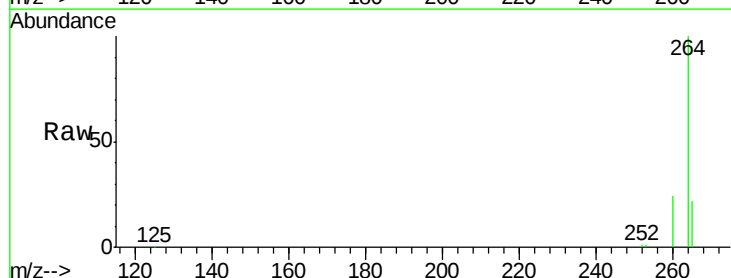
Tgt Ion:264 Resp: 43809

Ion Ratio Lower Upper

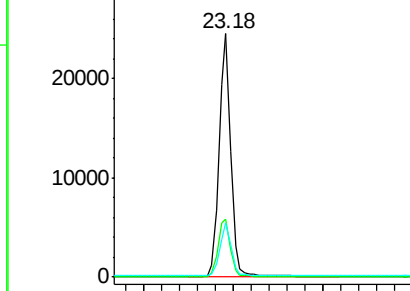
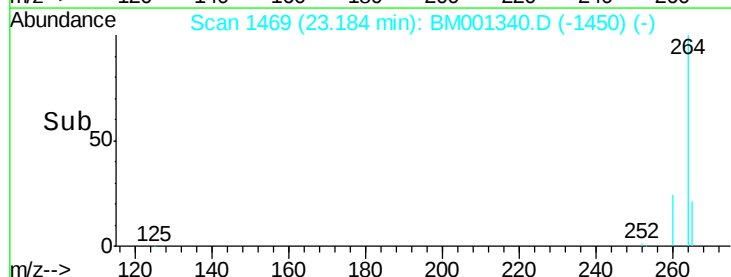
264 100

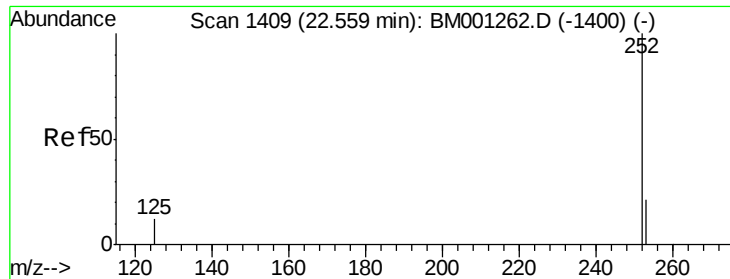
260 24.0 18.9 28.3

265 22.0 18.1 27.1



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





#31

Benzo(b)fluoranthene

Concen: 0.91 ng

RT: 22.55 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

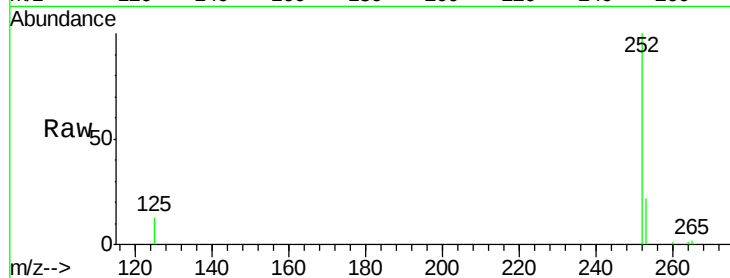
Tgt Ion:252 Resp: 11628

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

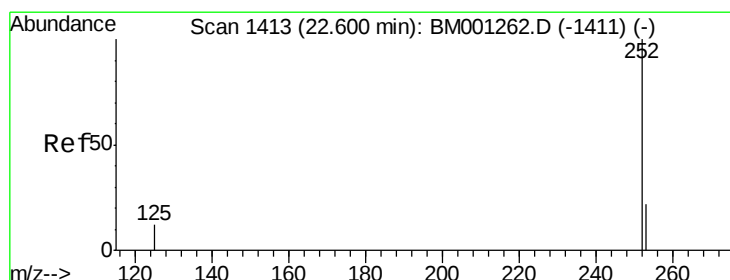
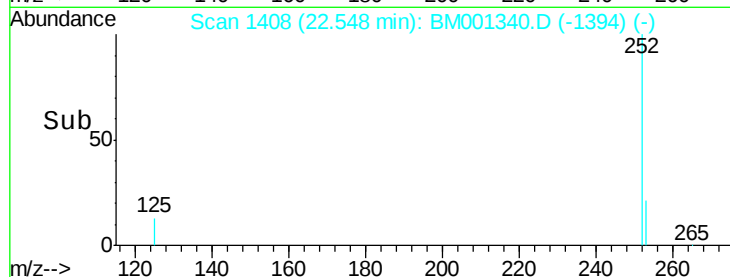
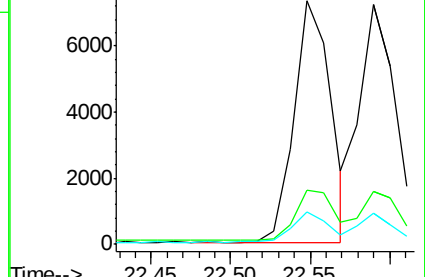
125 13.4 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#32

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 22.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

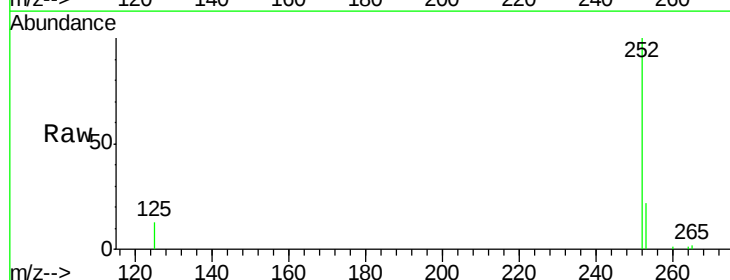
Tgt Ion:252 Resp: 11921

Ion Ratio Lower Upper

252 100

253 22.2 18.6 27.8

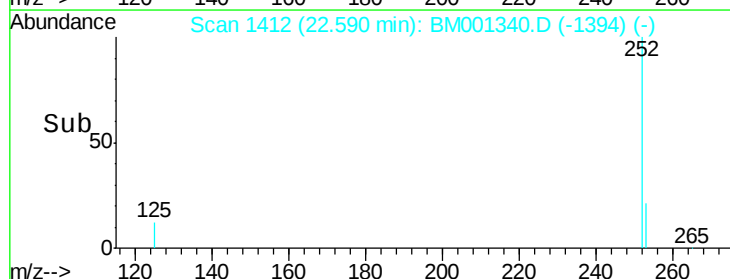
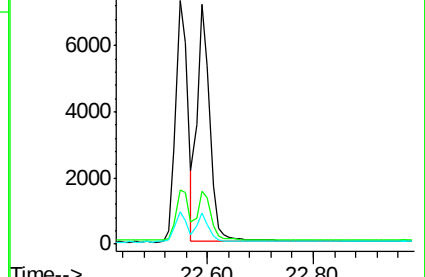
125 12.8 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 0.93 ng

RT: 23.08 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

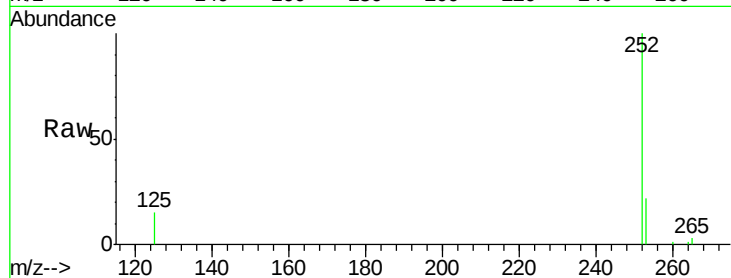
Tgt Ion:252 Resp: 10338

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

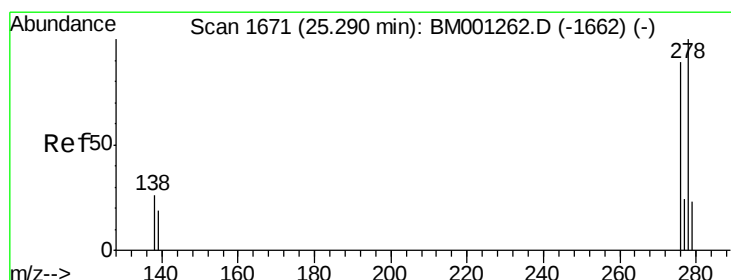
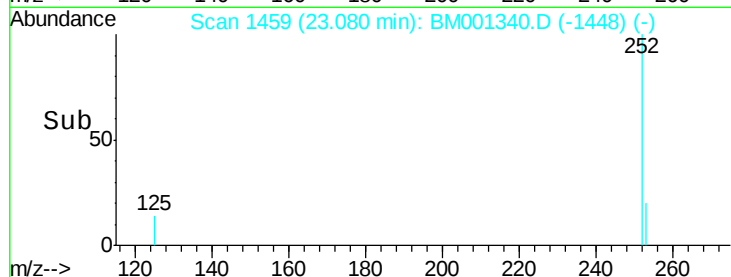
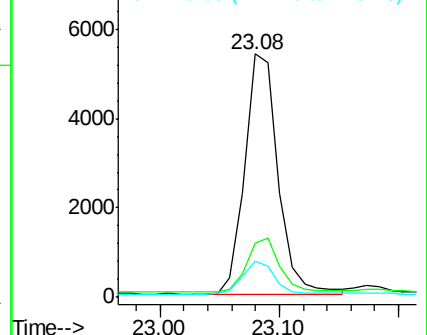
125 15.1 12.2 18.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Dibenzo(a,h)anthracene

Concen: 0.95 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

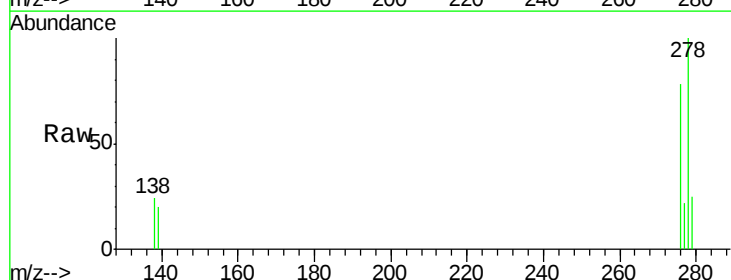
Tgt Ion:278 Resp: 9916

Ion Ratio Lower Upper

278 100

139 19.8 16.6 24.8

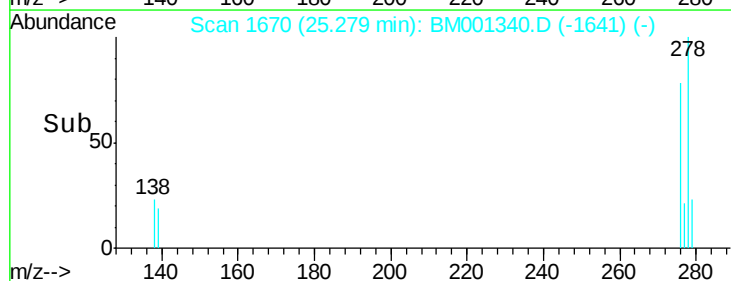
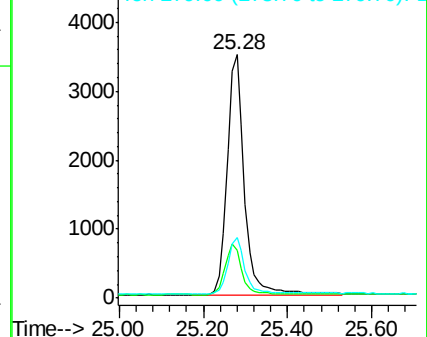
279 25.0 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Benzo(g,h,i)perylene

Concen: 0.94 ng

RT: 25.89 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM001340.D

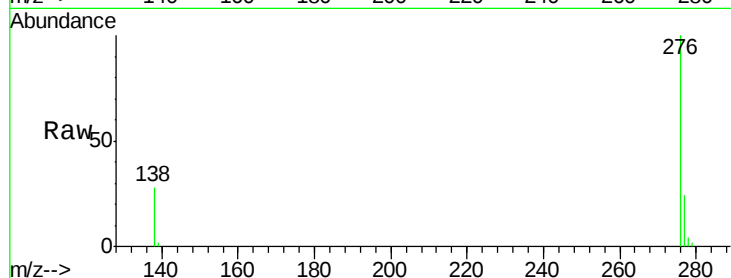
Acq: 18 May 2015 20:59

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 10805

Ion Ratio Lower Upper

276 100

277 24.2 19.9 29.9

138 27.7 21.0 31.4

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

