

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM052215\  
 Data File : BM001393.D  
 Acq On : 22 May 2015 21:29  
 Operator : TP/IZ  
 Sample : SSTDICV001  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052215

Quant Time: May 23 05:00:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIMPAH-BM052215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 23 04:45:39 2015  
 Response via : Initial Calibration

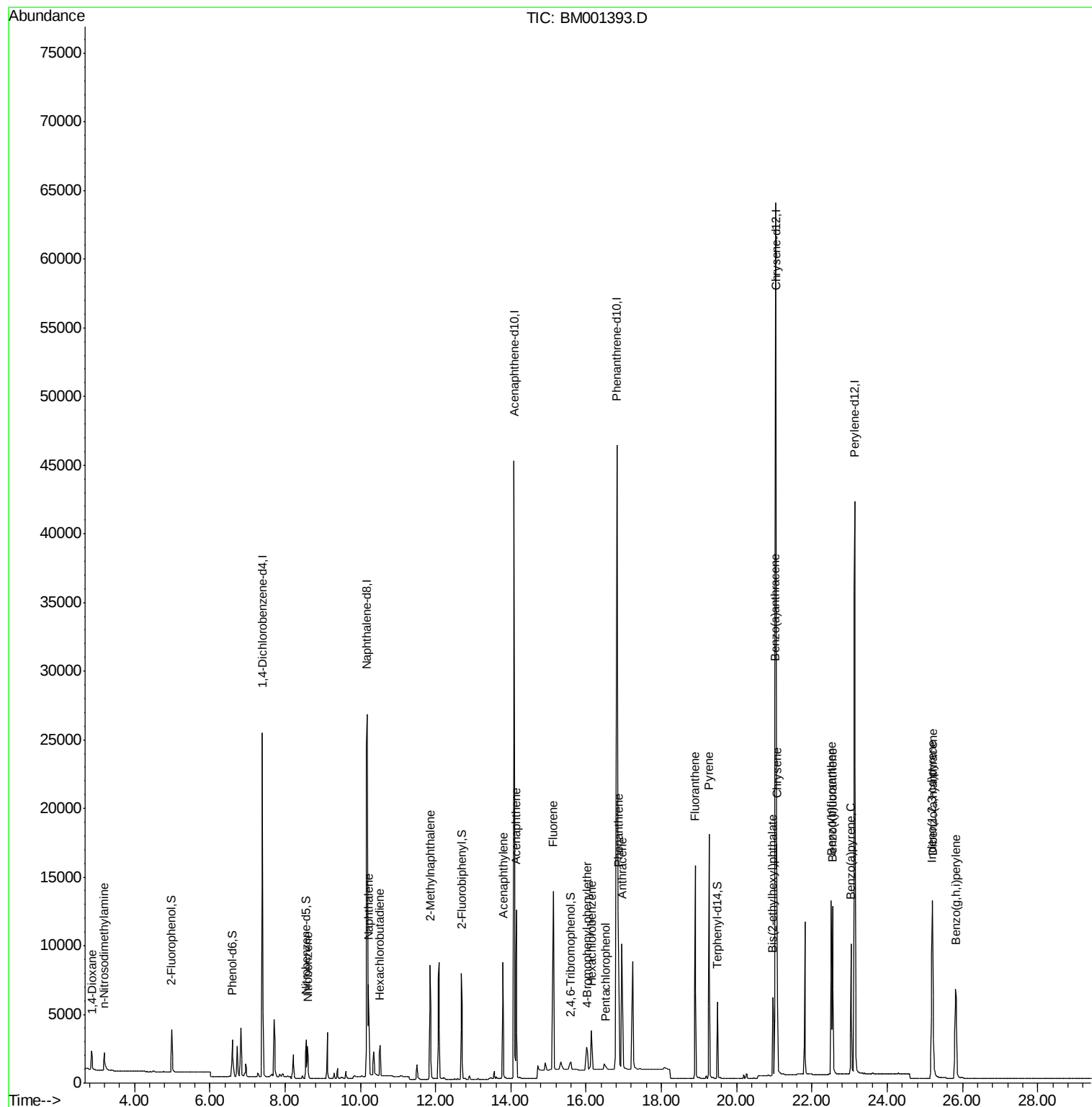
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.40  | 152  | 12813    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.18 | 136  | 45315    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.08 | 164  | 25758    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 16.82 | 188  | 89145    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.04 | 240  | 56703    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.14 | 264  | 52349    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 4.99  | 112  | 2367     | 0.94 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.60  | 99   | 2683     | 0.91 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.55  | 82   | 2378     | 0.91 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.59 | 330  | 632      | 0.79 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.69 | 172  | 7522     | 0.95 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.49 | 244  | 6984     | 0.91 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 2.87  | 88   | 1020     | 0.84 | ng    | 95       |
| 3) n-Nitrosodimethylamine      | 3.20  | 42   | 1495     | 0.91 | ng    | 98       |
| 8) Nitrobenzene                | 8.60  | 77   | 2469     | 0.89 | ng    | 99       |
| 9) Naphthalene                 | 10.22 | 128  | 9276     | 0.96 | ng    | 99       |
| 10) Hexachlorobutadiene        | 10.52 | 225  | 1880     | 0.96 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 11.86 | 142  | 6188     | 0.95 | ng    | 98       |
| 15) Acenaphthylene             | 13.79 | 152  | 10240    | 0.94 | ng    | 99       |
| 16) Acenaphthene               | 14.14 | 154  | 6520     | 0.96 | ng    | 97       |
| 17) Fluorene                   | 15.12 | 166  | 11649    | 0.87 | ng    | 97       |
| 19) 4-Bromophenyl-phenylether  | 16.04 | 248  | 1198     | 1.06 | ng    | # 90     |
| 20) Hexachlorobenzene          | 16.14 | 284  | 3475     | 1.02 | ng    | # 85     |
| 21) Pentachlorophenol          | 16.51 | 266  | 530      | 1.12 | ng    | 96       |
| 22) Phenanthrene               | 16.85 | 178  | 17246    | 1.04 | ng    | 99       |
| 23) Anthracene                 | 16.95 | 178  | 14794    | 0.93 | ng    | 99       |
| 24) Fluoranthene               | 18.90 | 202  | 14701    | 0.89 | ng    | 100      |
| 26) Pyrene                     | 19.26 | 202  | 15755    | 0.92 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.02 | 228  | 15613    | 0.93 | ng    | 96       |
| 29) Chrysene                   | 21.07 | 228  | 13575    | 0.90 | ng    | 96       |
| 30) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 7059     | 0.78 | ng    | 98       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.19 | 276  | 15267    | 0.92 | ng    | 100      |
| 33) Benzo(b)fluoranthene       | 22.51 | 252  | 14805    | 0.93 | ng    | 98       |
| 34) Benzo(k)fluoranthene       | 22.55 | 252  | 13834    | 0.94 | ng    | 98       |
| 35) Benzo(a)pyrene             | 23.04 | 252  | 12924    | 0.92 | ng    | 98       |
| 36) Dibenzo(a,h)anthracene     | 25.20 | 278  | 11862    | 0.94 | ng    | 98       |
| 37) Benzo(g,h,i)perylene       | 25.82 | 276  | 12636    | 0.94 | ng    | 98       |

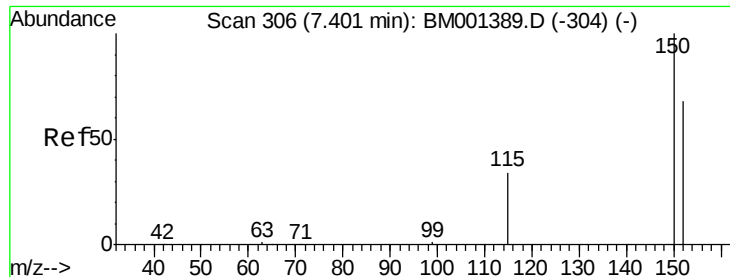
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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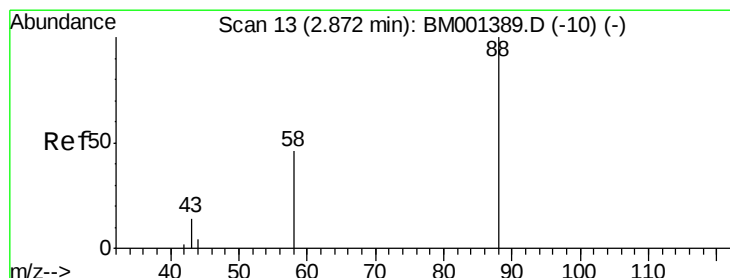
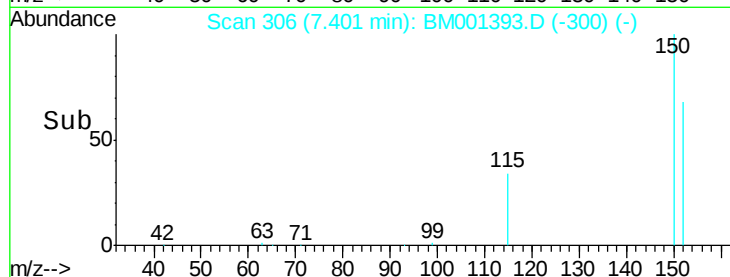
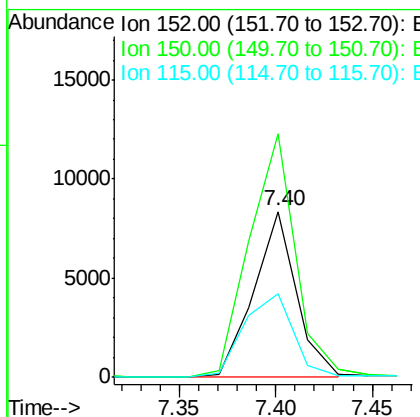
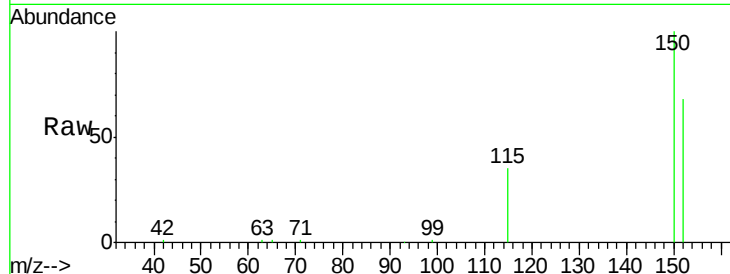




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.40 min Scan# 306  
 Delta R.T. 0.00 min  
 Lab File: BM001393.D  
 Acq: 22 May 2015 21:29

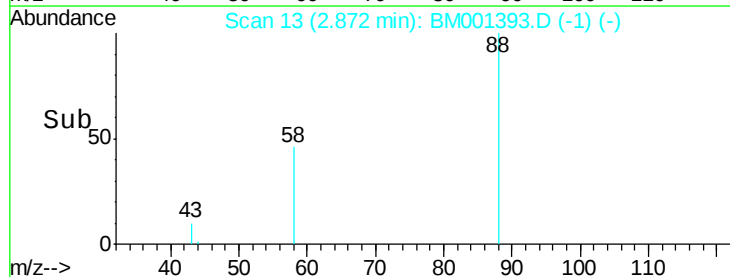
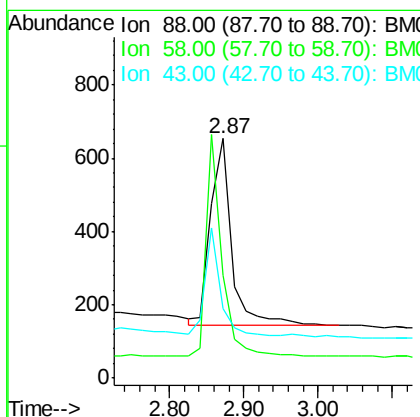
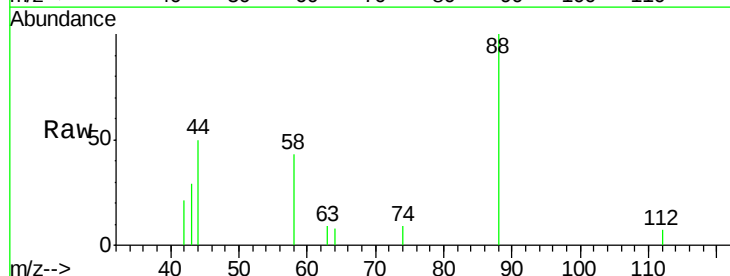
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052215

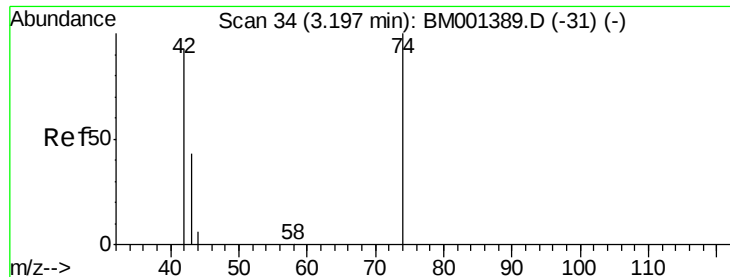
Tgt Ion: 152 Resp: 12813  
 Ion Ratio Lower Upper  
 152 100  
 150 146.8 119.0 178.6  
 115 50.7 41.8 62.8



#2  
 1,4-Dioxane  
 Concen: 0.84 ng  
 RT: 2.87 min Scan# 13  
 Delta R.T. 0.00 min  
 Lab File: BM001393.D  
 Acq: 22 May 2015 21:29

Tgt Ion: 88 Resp: 1020  
 Ion Ratio Lower Upper  
 88 100  
 58 85.2 71.3 106.9  
 43 40.1 35.5 53.3





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

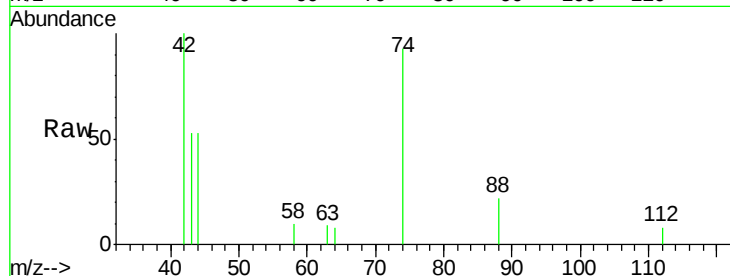
Tgt Ion: 42 Resp: 1495

Ion Ratio Lower Upper

42 100

74 92.5 72.2 108.2

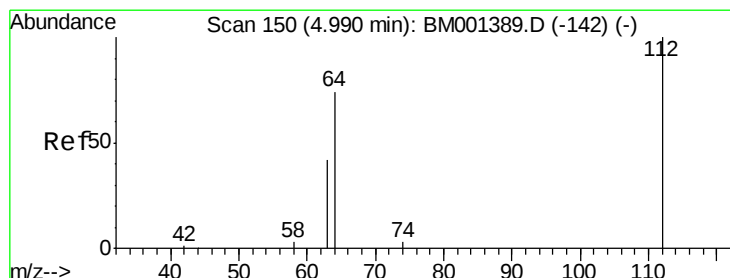
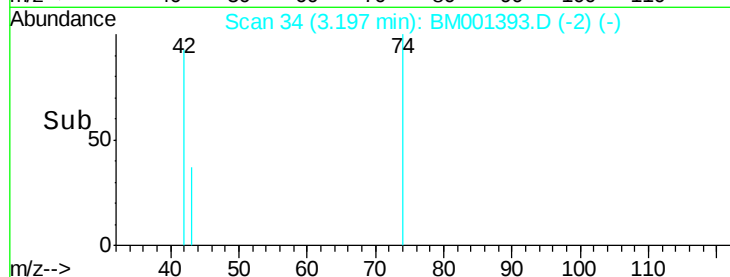
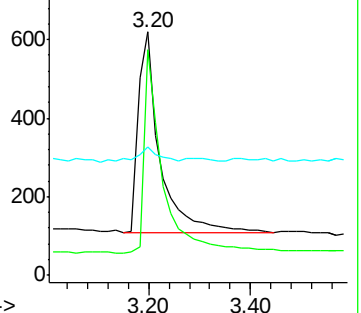
44 8.0 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BM001393.D (-31) (-)

Ion 74.00 (73.70 to 74.70): BM001393.D (-31) (-)

Ion 44.00 (43.70 to 44.70): BM001393.D (-31) (-)



#4

2-Fluorophenol

Concen: 0.94 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

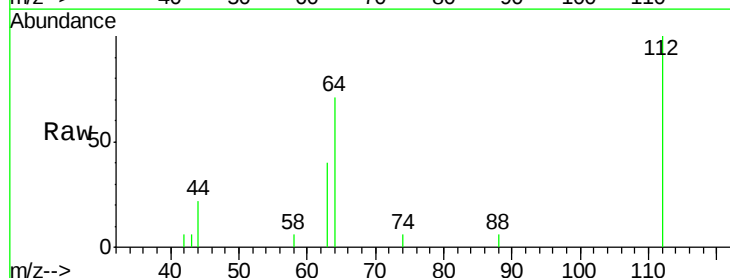
Tgt Ion: 112 Resp: 2367

Ion Ratio Lower Upper

112 100

64 64.2 51.7 77.5

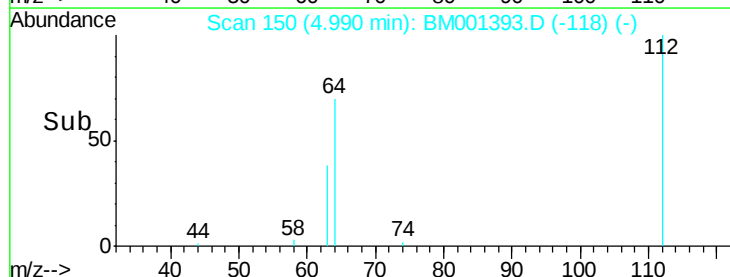
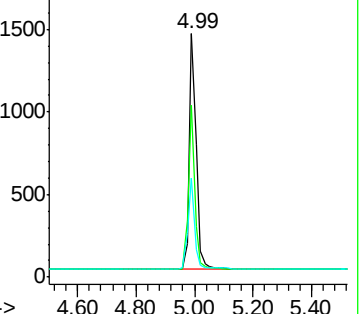
63 36.5 29.7 44.5

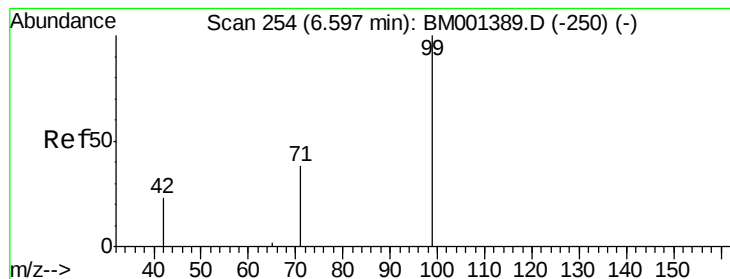


Abundance Ion 112.00 (111.70 to 112.70): BM001393.D (-142) (-)

Ion 64.00 (63.70 to 64.70): BM001393.D (-142) (-)

Ion 63.00 (62.70 to 63.70): BM001393.D (-142) (-)





#5

Phenol-d6

Concen: 0.91 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

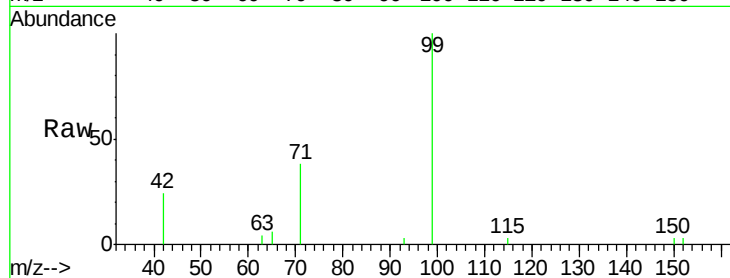
Tgt Ion: 99 Resp: 2683

Ion Ratio Lower Upper

99 100

42 27.2 21.8 32.6

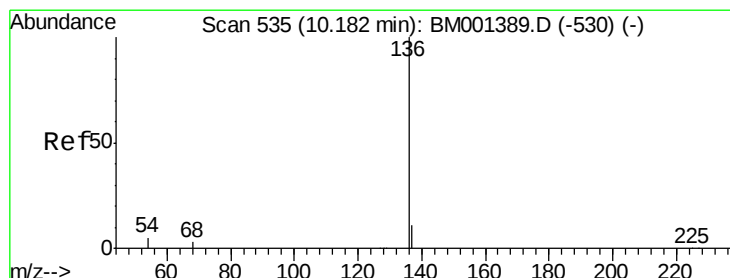
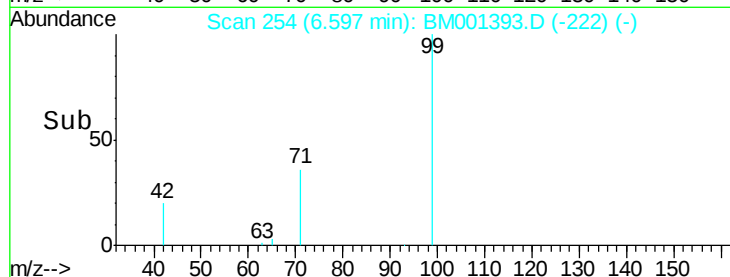
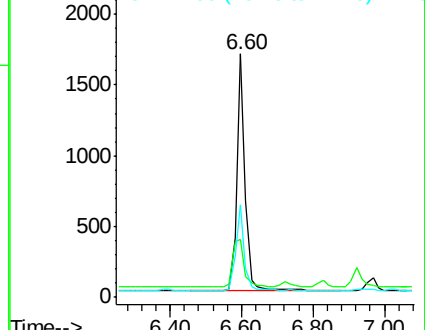
71 36.5 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001393.D (-250) (-)

Ion 42.00 (41.70 to 42.70): BM001393.D (-250) (-)

Ion 71.00 (70.70 to 71.70): BM001393.D (-250) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Tgt Ion: 136 Resp: 45315

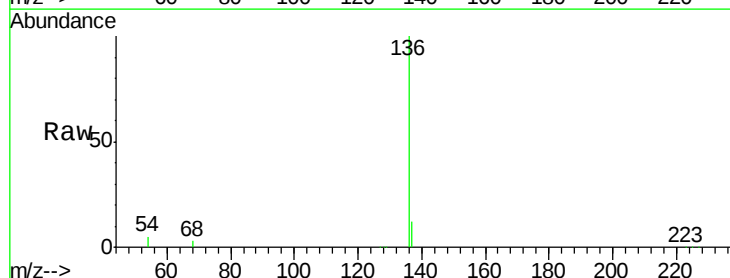
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 5.1 4.3 6.5

68 3.3 2.6 4.0

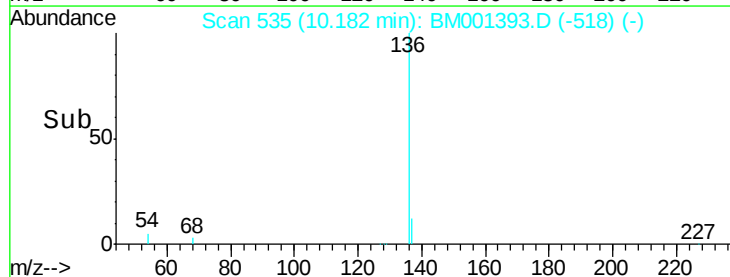
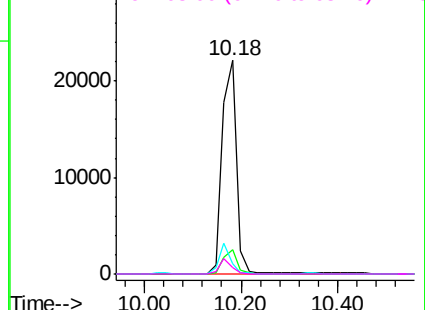


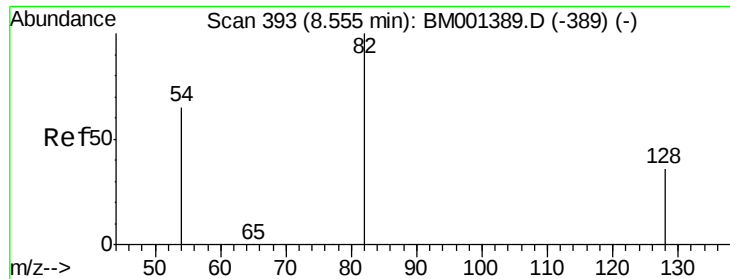
Abundance Ion 136.00 (135.70 to 136.70): BM001393.D (-518) (-)

Ion 137.00 (136.70 to 137.70): BM001393.D (-518) (-)

Ion 54.00 (53.70 to 54.70): BM001393.D (-518) (-)

Ion 68.00 (67.70 to 68.70): BM001393.D (-518) (-)





#7

Nitrobenzene-d5

Concen: 0.91 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

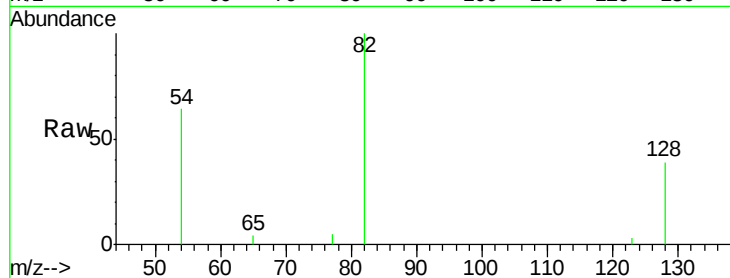
Tgt Ion: 82 Resp: 2378

Ion Ratio Lower Upper

82 100

128 39.3 30.2 45.4

54 63.6 52.9 79.3

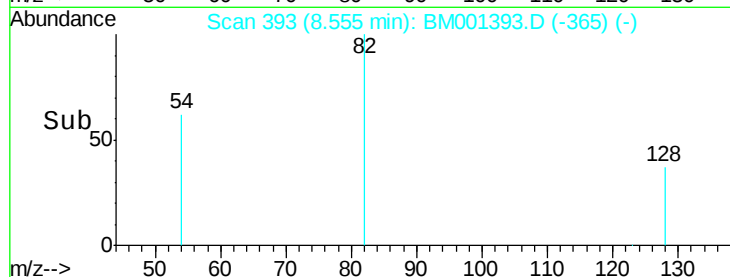


Abundance Ion 82.00 (81.70 to 82.70): BM001393.D (-389) (-)

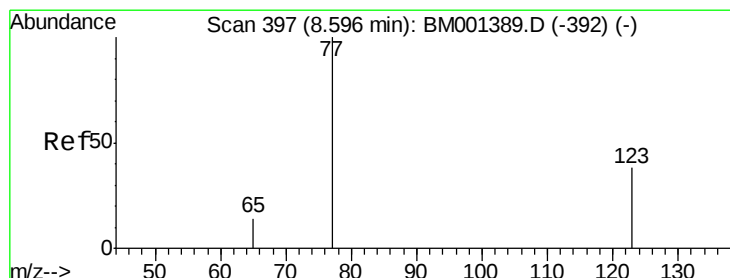
Ion 128.00 (127.70 to 128.70): BM001393.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001393.D (-389) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.89 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

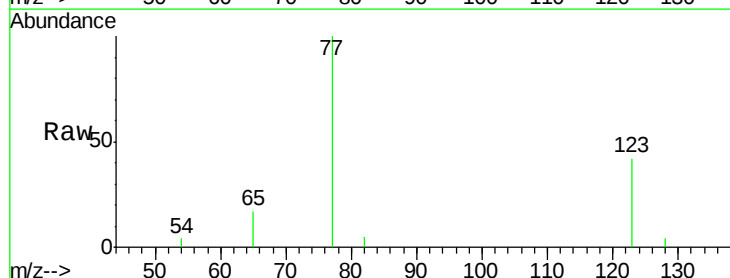
Tgt Ion: 77 Resp: 2469

Ion Ratio Lower Upper

77 100

123 42.6 33.7 50.5

65 14.7 11.3 16.9

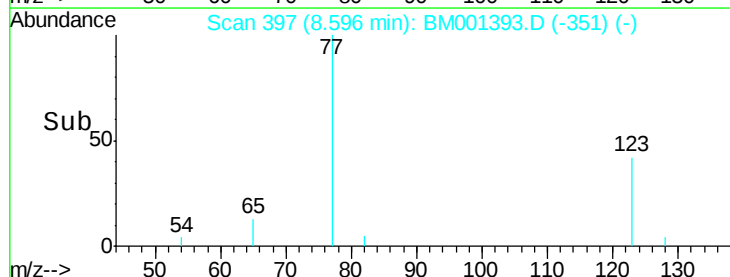


Abundance Ion 77.00 (76.70 to 77.70): BM001393.D (-392) (-)

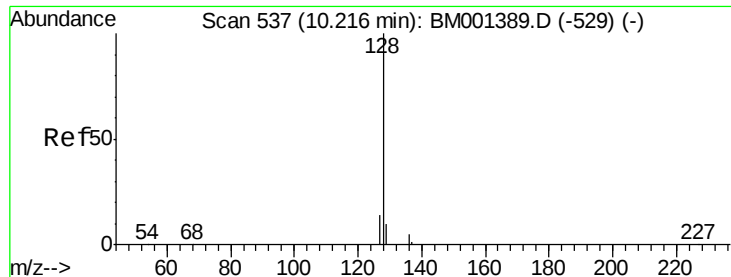
Ion 123.00 (122.70 to 123.70): BM001393.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001393.D (-392) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 0.96 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

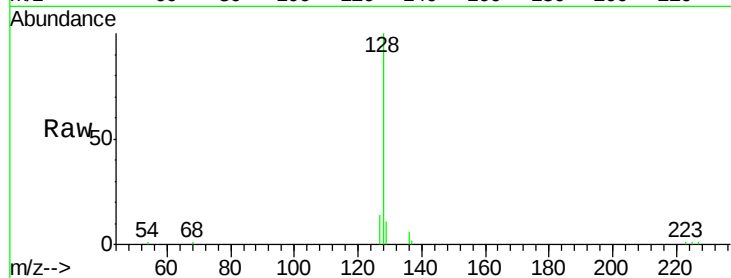
Tgt Ion:128 Resp: 9276

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

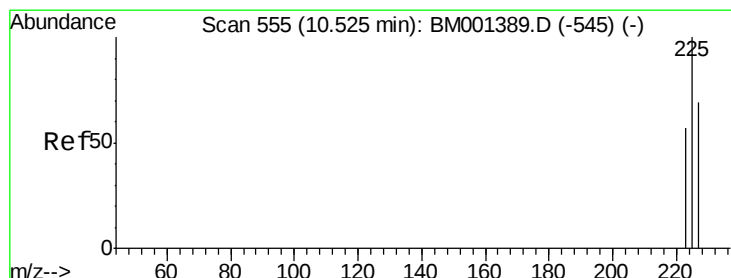
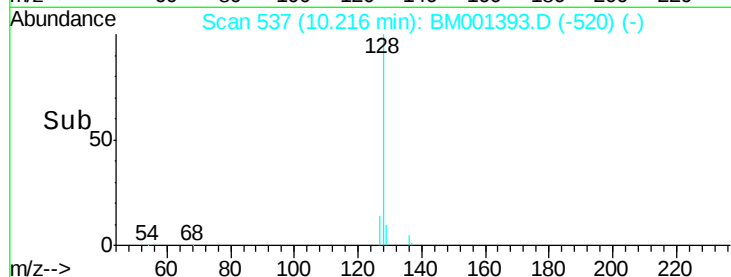
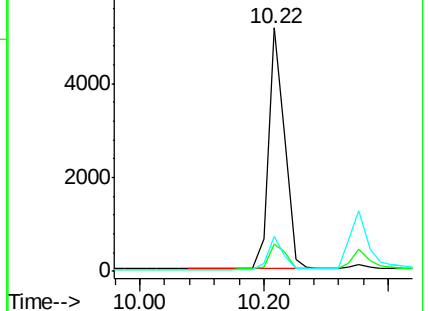
127 14.5 11.7 17.5



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: 0.96 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

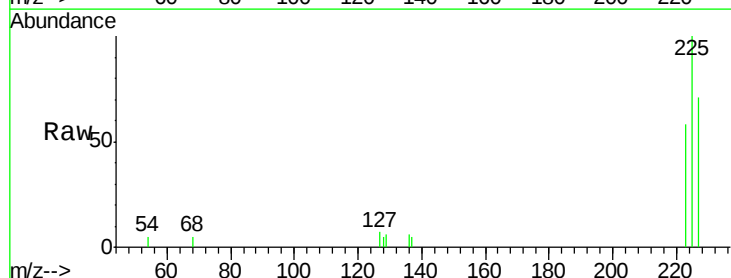
Tgt Ion:225 Resp: 1880

Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

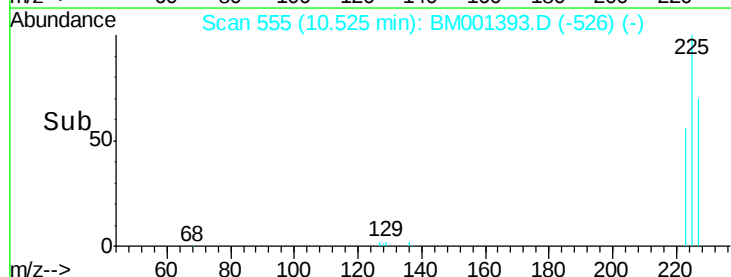
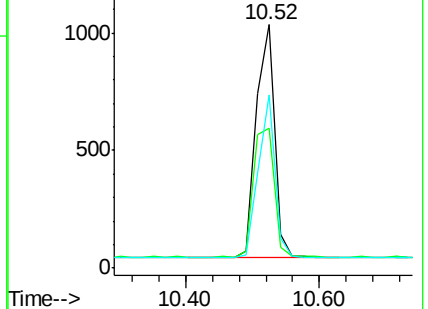
227 62.9 51.1 76.7

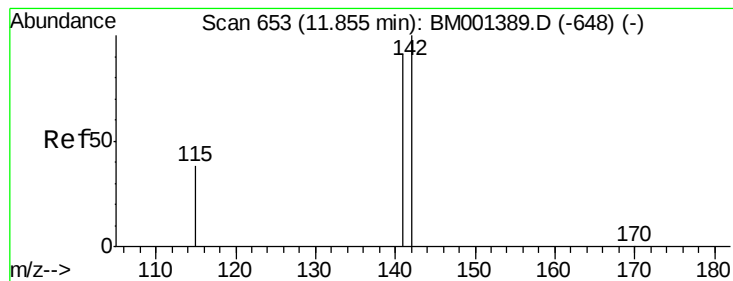


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.95 ng

RT: 11.86 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

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BNA\_M

ClientSampleId :

ICVBM052215

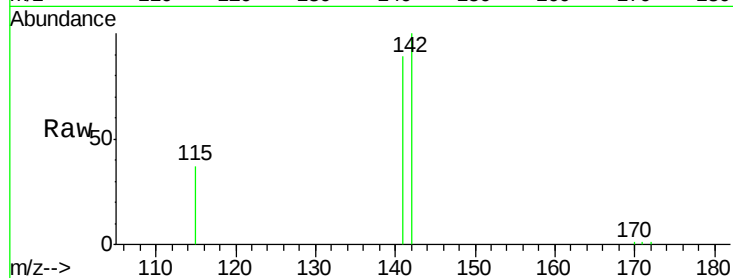
Tgt Ion:142 Resp: 6188

Ion Ratio Lower Upper

142 100

141 88.9 72.6 109.0

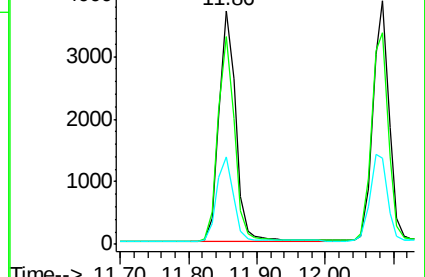
115 37.5 31.2 46.8



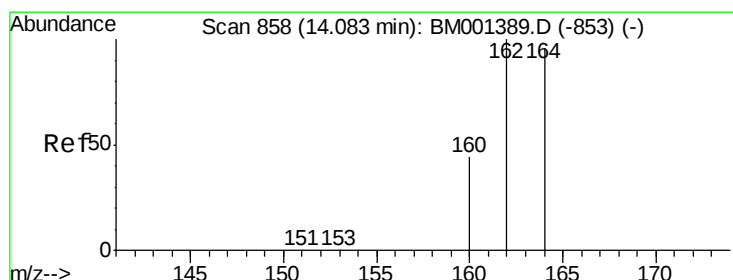
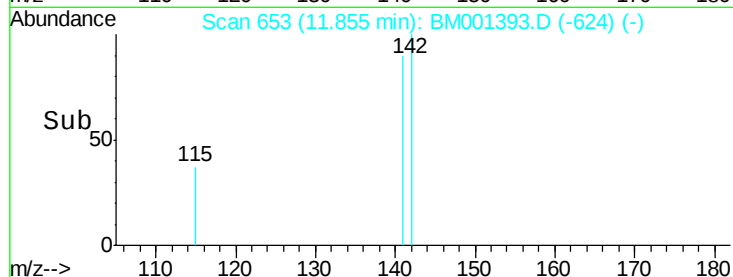
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 11.70 11.80 11.90 12.00



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

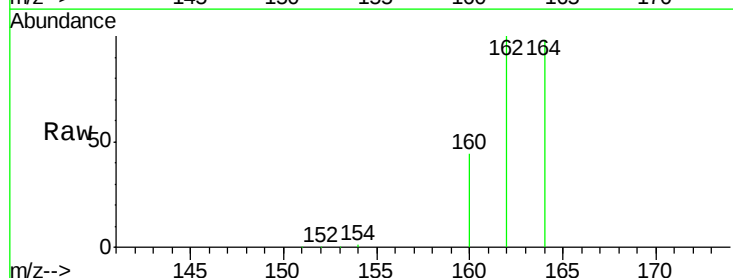
Tgt Ion:164 Resp: 25758

Ion Ratio Lower Upper

164 100

162 102.4 83.4 125.2

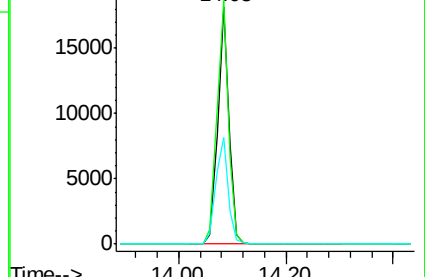
160 44.7 36.9 55.3



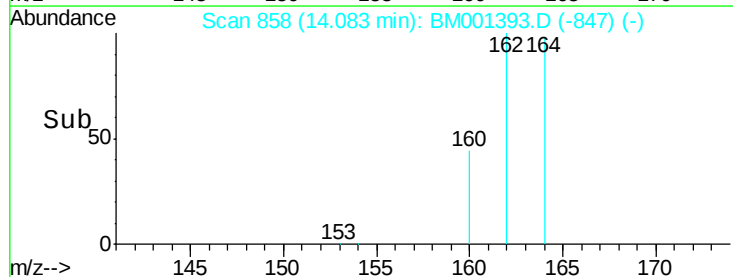
Abundance Ion 164.00 (163.70 to 164.70): E

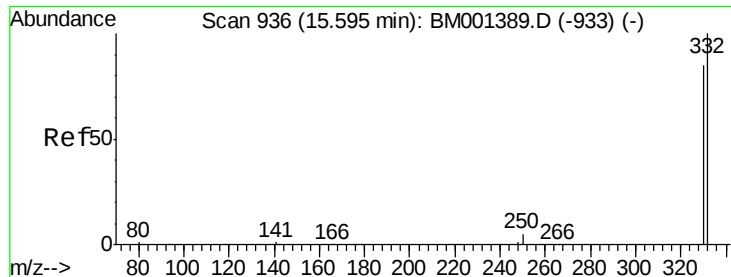
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.00 14.20

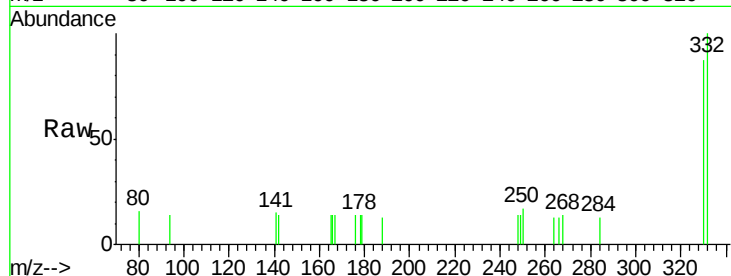




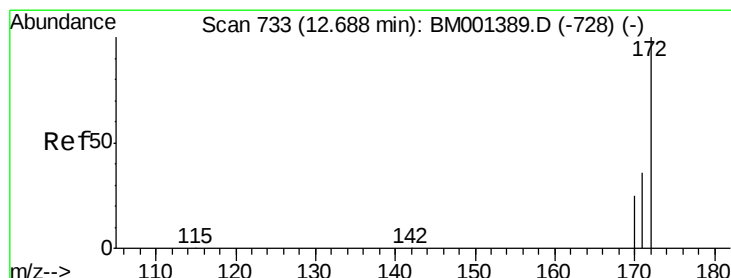
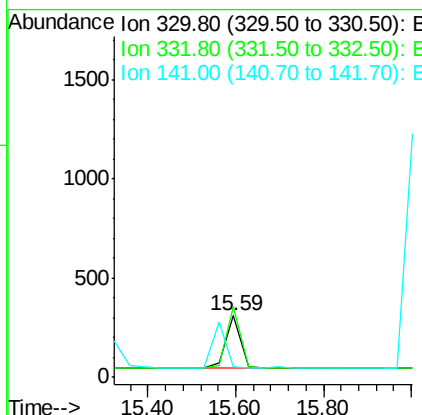
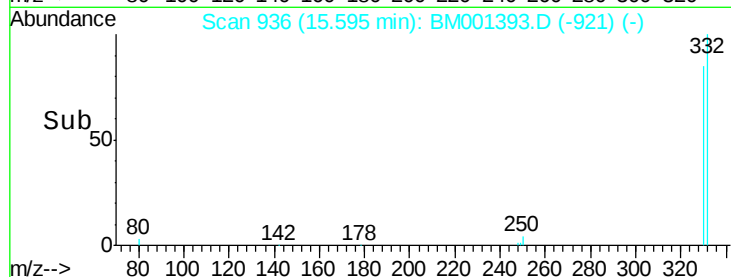
#13  
 2,4,6-Tribromophenol  
 Concen: 0.79 ng  
 RT: 15.59 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: BM001393.D  
 Acq: 22 May 2015 21:29

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052215

Tgt Ion:330 Resp: 632  
 Ion Ratio Lower Upper  
 330 100  
 332 109.7 90.3 135.5  
 141 0.0 0.0 0.0

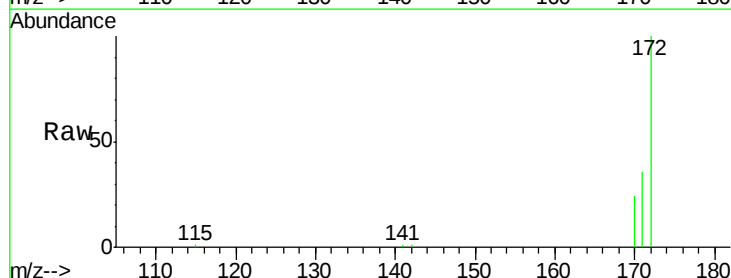


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

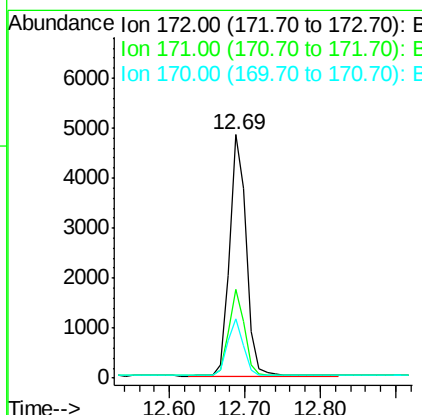
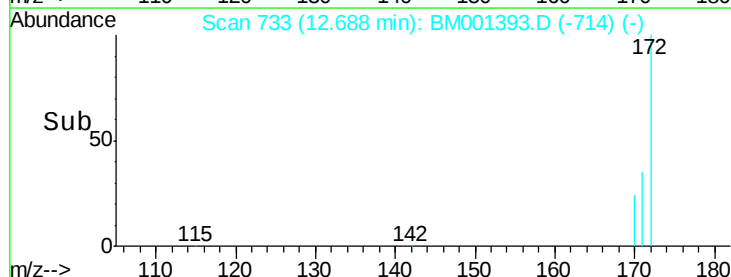


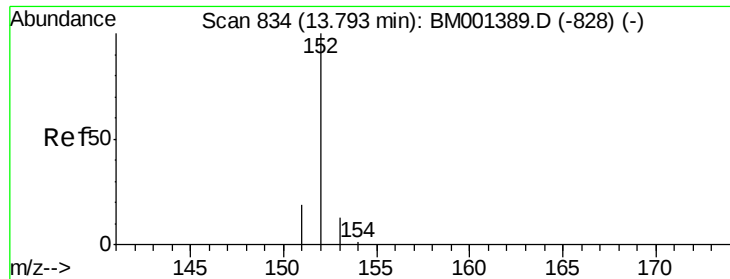
#14  
 2-Fluorobiphenyl  
 Concen: 0.95 ng  
 RT: 12.69 min Scan# 733  
 Delta R.T. 0.00 min  
 Lab File: BM001393.D  
 Acq: 22 May 2015 21:29

Tgt Ion:172 Resp: 7522  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 29.4 44.0  
 170 24.3 20.2 30.4



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: 0.94 ng

RT: 13.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

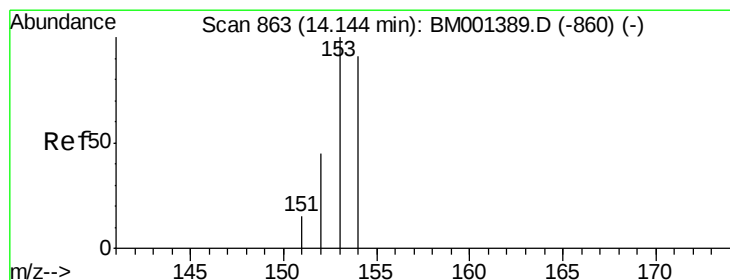
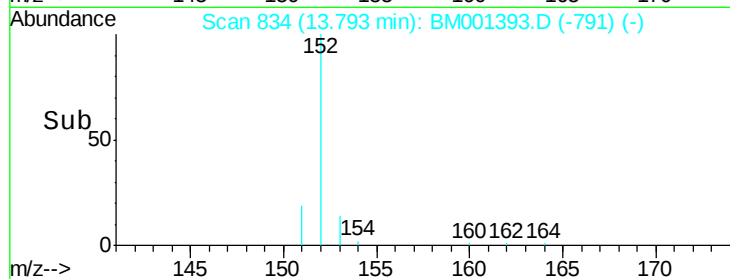
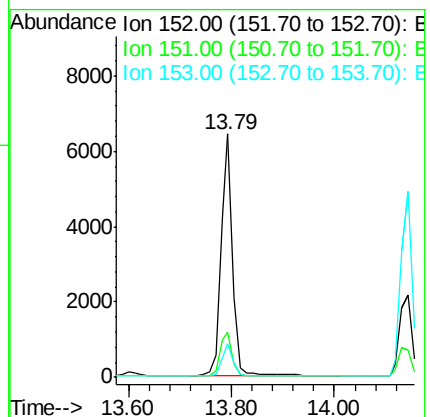
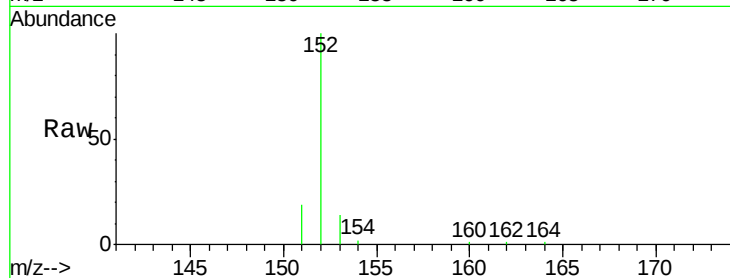
Tgt Ion:152 Resp: 10240

Ion Ratio Lower Upper

152 100

151 18.6 15.1 22.7

153 12.5 10.2 15.4



#16

Acenaphthene

Concen: 0.96 ng

RT: 14.14 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

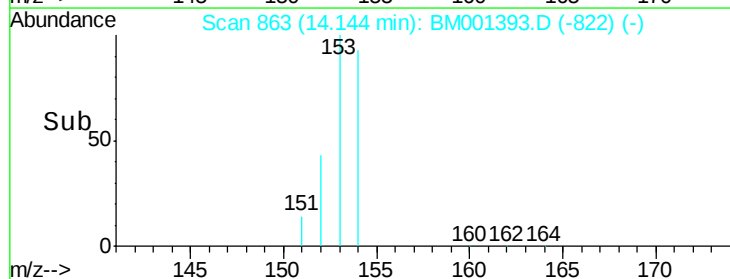
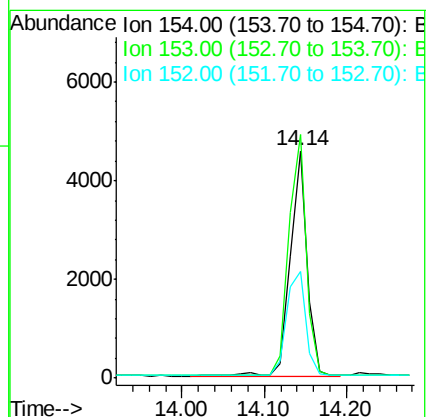
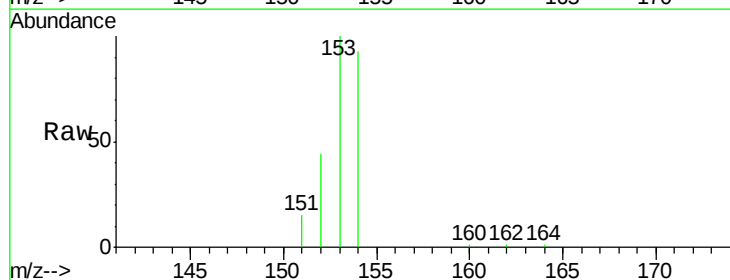
Tgt Ion:154 Resp: 6520

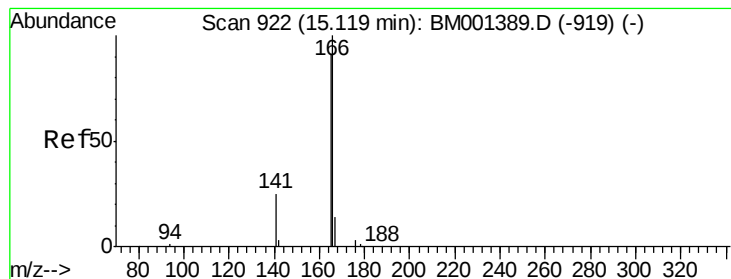
Ion Ratio Lower Upper

154 100

153 111.3 91.4 137.2

152 52.7 44.0 66.0





#17

Fluorene

Concen: 0.87 ng

RT: 15.12 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

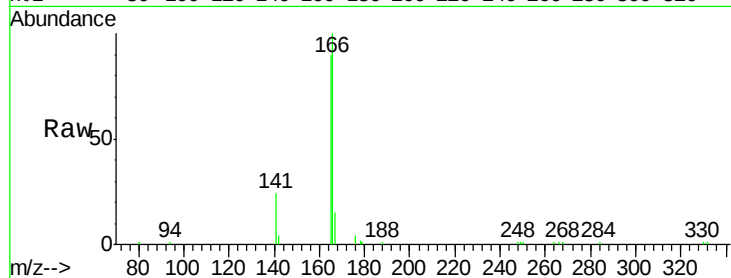
Tgt Ion:166 Resp: 11649

Ion Ratio Lower Upper

166 100

165 88.3 72.6 108.8

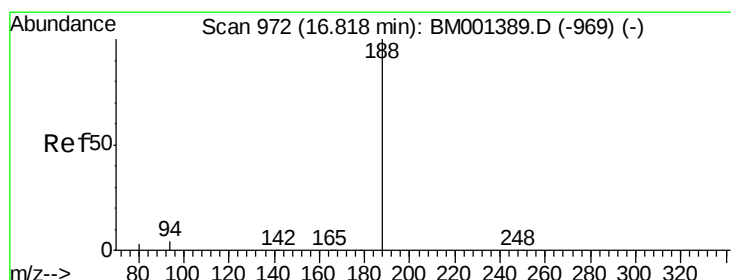
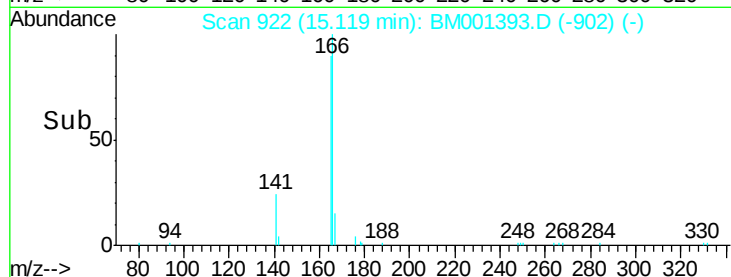
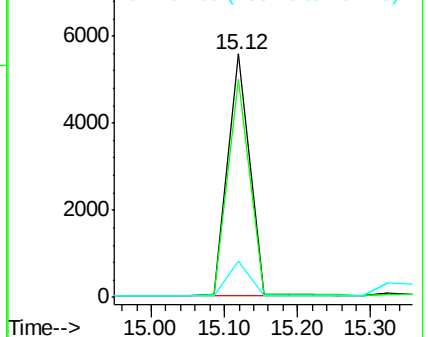
167 15.8 10.9 16.3



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: 16.82 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

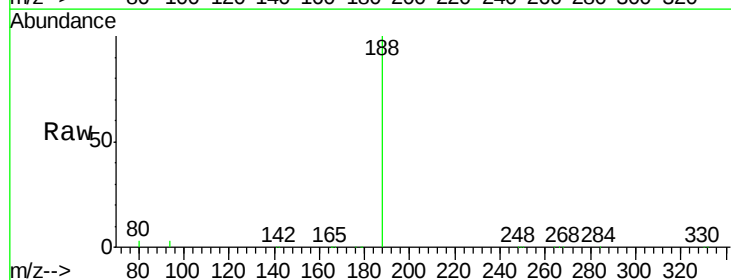
Tgt Ion:188 Resp: 89145

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

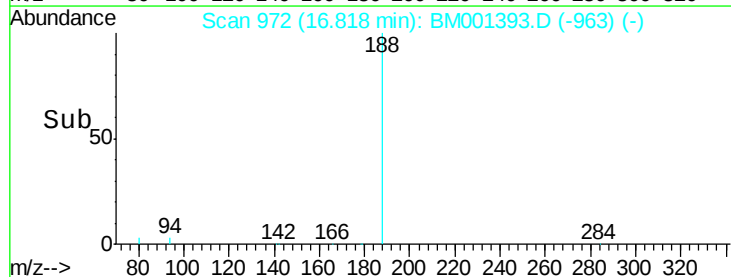
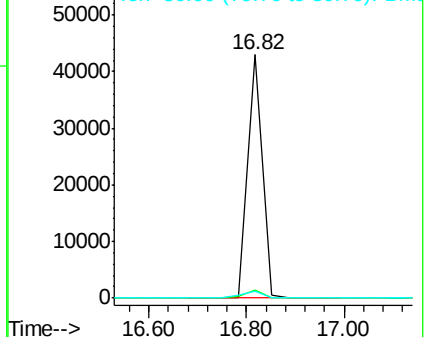
80 2.7 2.5 3.7

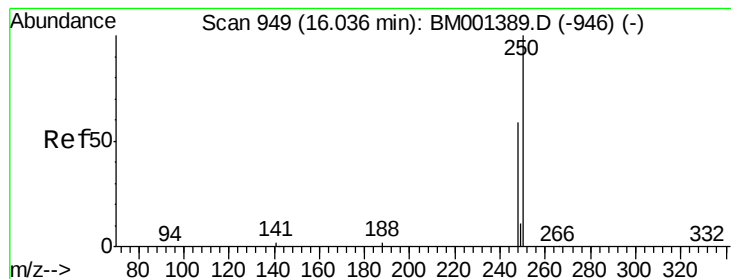


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 1.06 ng

RT: 16.04 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

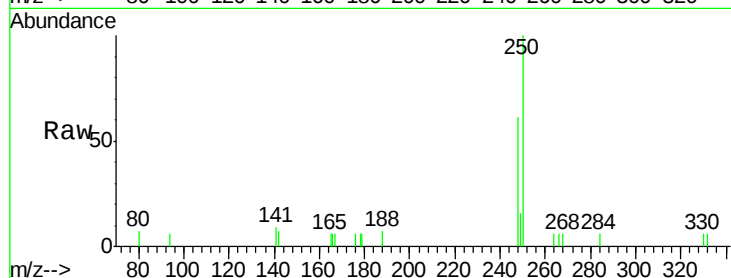
Tgt Ion:248 Resp: 1198

Ion Ratio Lower Upper

248 100

250 134.7 117.8 176.6

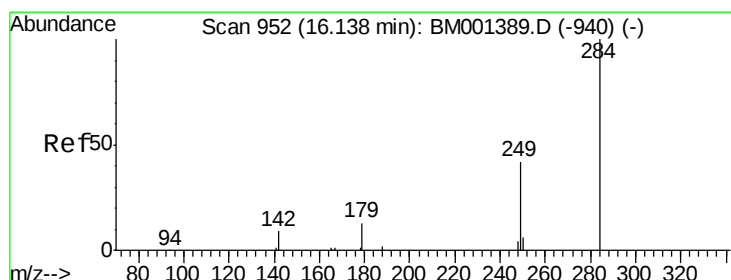
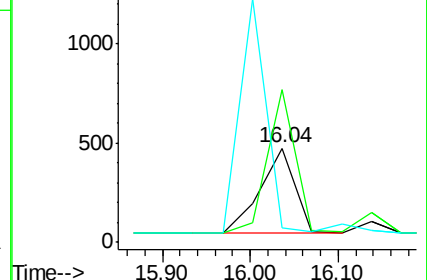
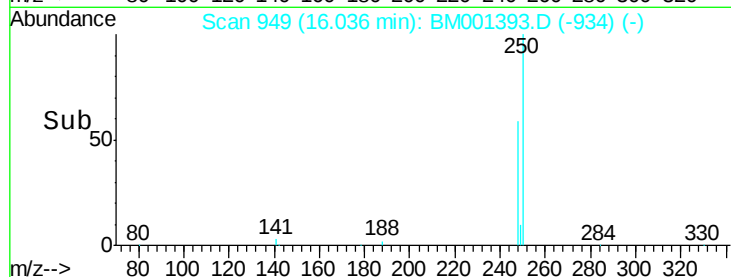
141 0.0 0.0 0.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 1.02 ng

RT: 16.14 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

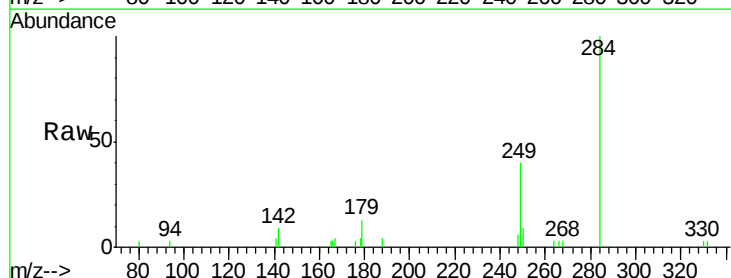
Tgt Ion:284 Resp: 3475

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

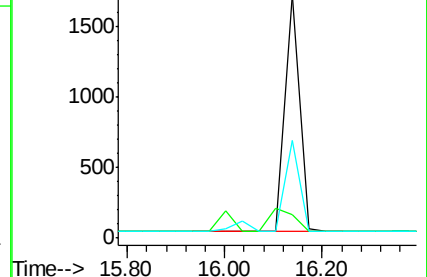
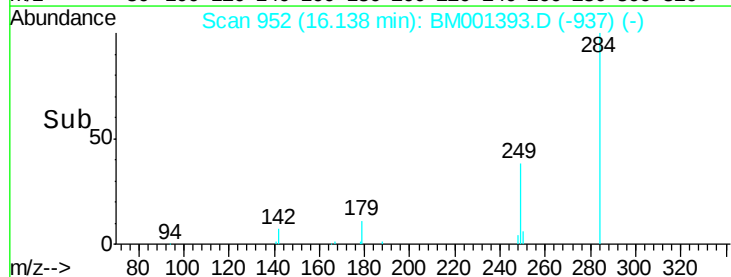
249 44.2 39.0 58.4

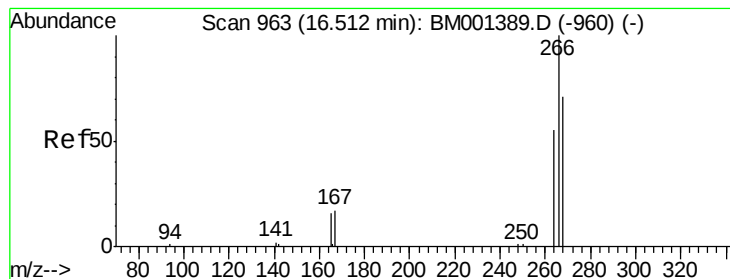


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.12 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

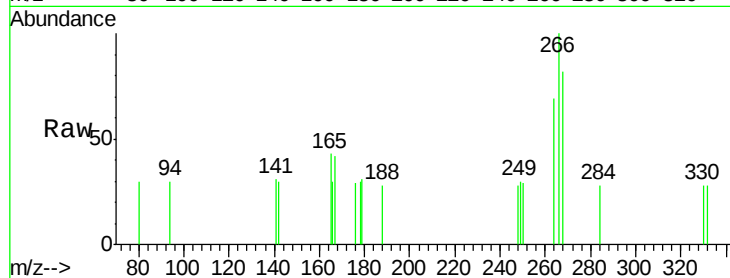
Tgt Ion:266 Resp: 530

Ion Ratio Lower Upper

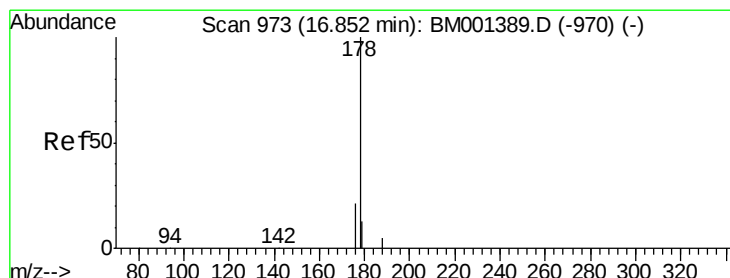
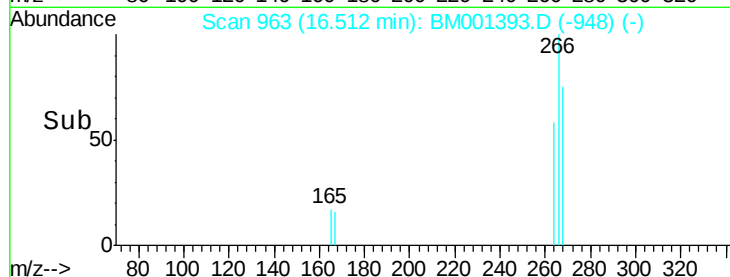
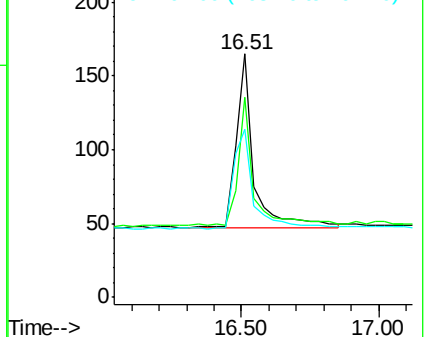
266 100

268 82.4 63.0 94.4

264 69.1 52.8 79.2



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



#22

Phenanthrene

Concen: 1.04 ng

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

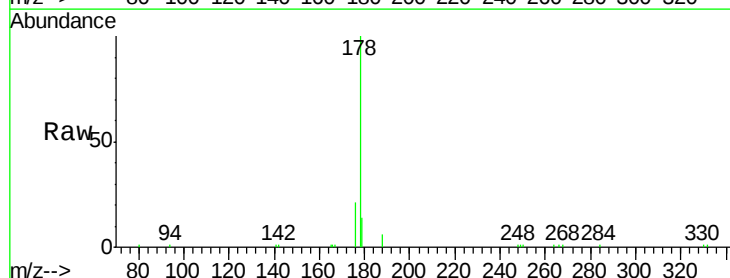
Tgt Ion:178 Resp: 17246

Ion Ratio Lower Upper

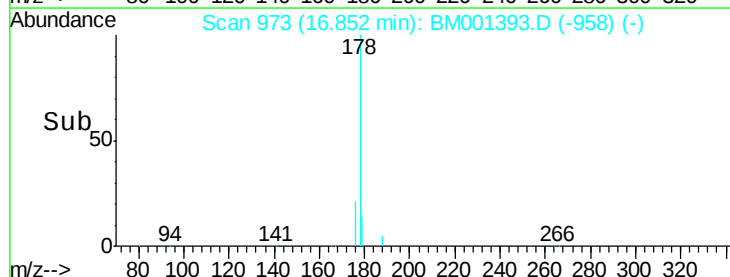
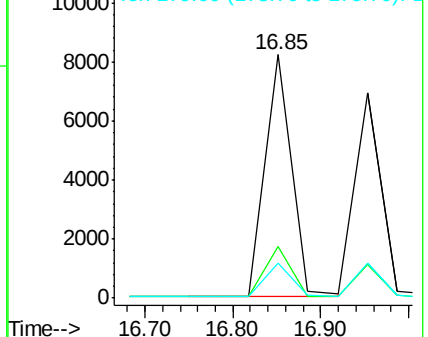
178 100

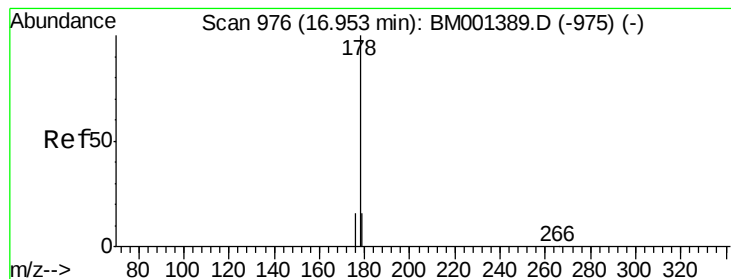
176 20.7 16.8 25.2

179 14.0 11.0 16.4



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

Anthracene

Concen: 0.93 ng

RT: 16.95 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

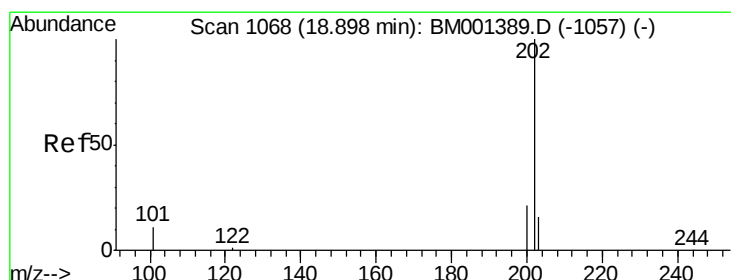
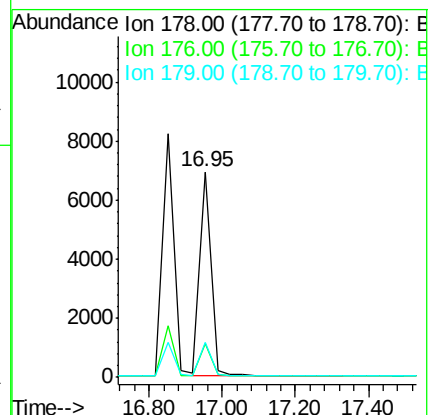
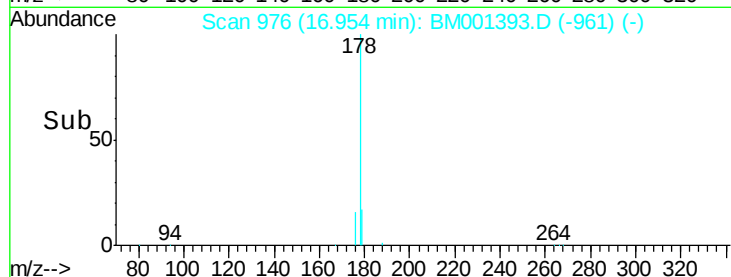
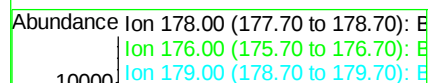
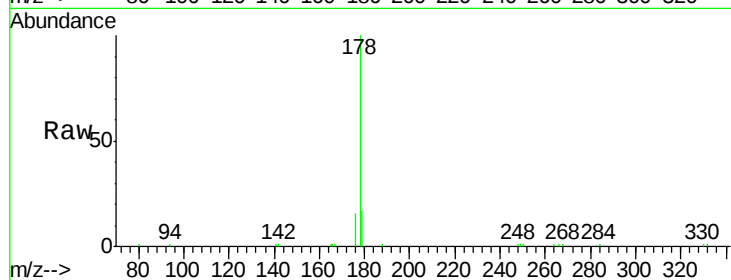
Tgt Ion:178 Resp: 14794

Ion Ratio Lower Upper

178 100

176 15.9 13.1 19.7

179 16.6 12.8 19.2



#24

Fluoranthene

Concen: 0.89 ng

RT: 18.90 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

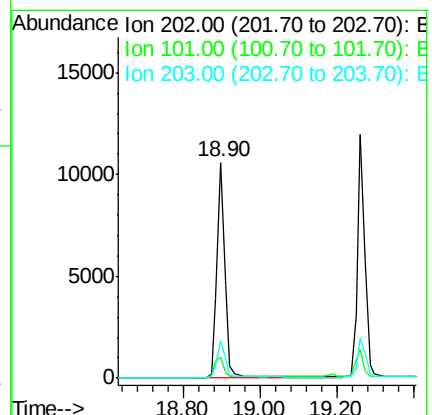
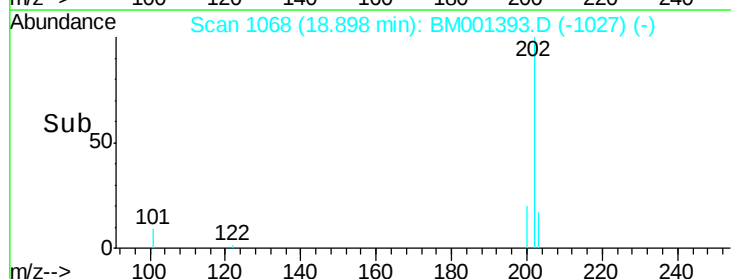
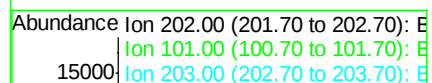
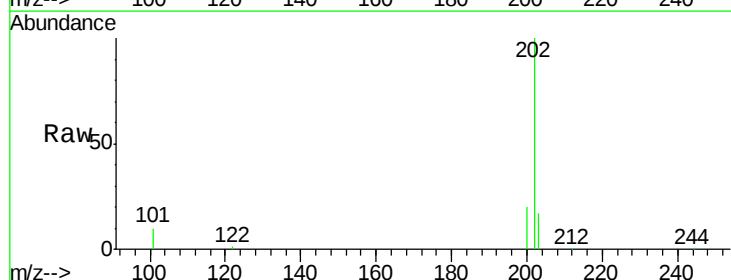
Tgt Ion:202 Resp: 14701

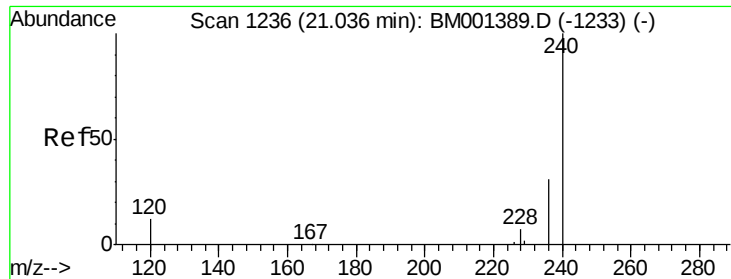
Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

203 17.3 13.8 20.6

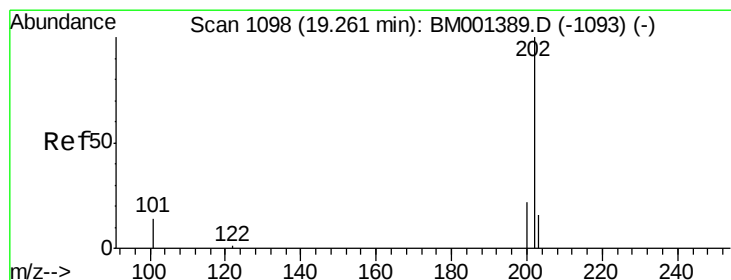
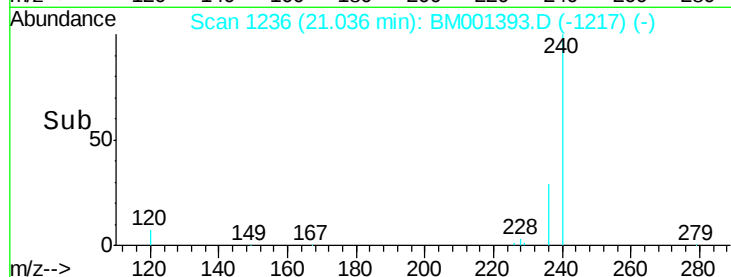
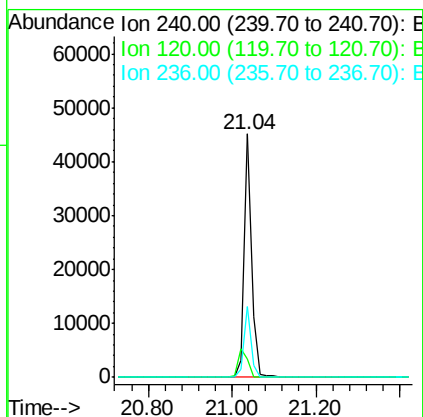
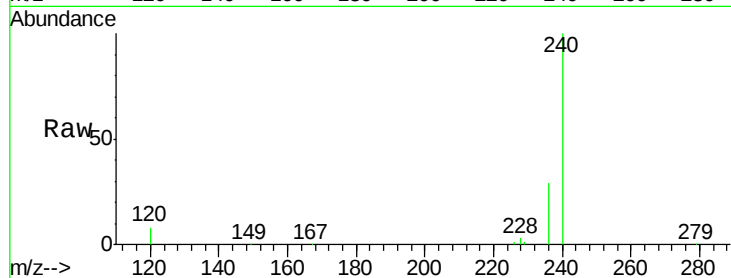




#25  
Chrysene-d12  
Concen: 5.00 ng  
RT: 21.04 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: BM001393.D  
Acq: 22 May 2015 21:29

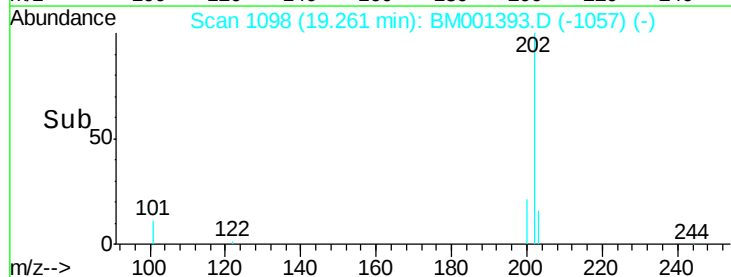
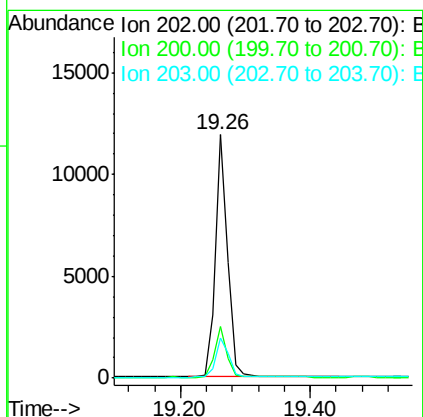
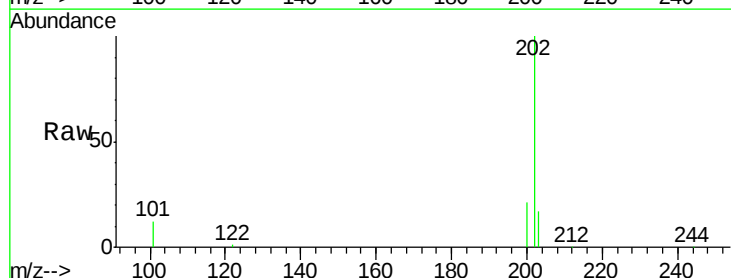
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052215

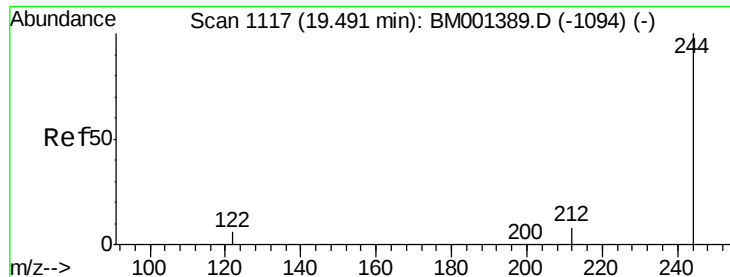
Tgt Ion:240 Resp: 56703  
Ion Ratio Lower Upper  
240 100  
120 7.6 9.7 14.5#  
236 28.8 24.8 37.2



#26  
Pyrene  
Concen: 0.92 ng  
RT: 19.26 min Scan# 1098  
Delta R.T. 0.00 min  
Lab File: BM001393.D  
Acq: 22 May 2015 21:29

Tgt Ion:202 Resp: 15755  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.4 24.6  
203 17.5 13.9 20.9





#27

Terphenyl-d14

Concen: 0.91 ng

RT: 19.49 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

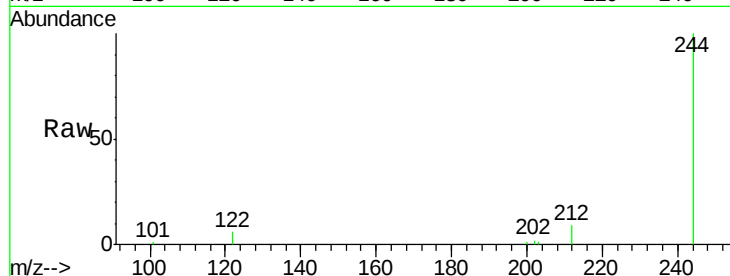
Tgt Ion:244 Resp: 6984

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

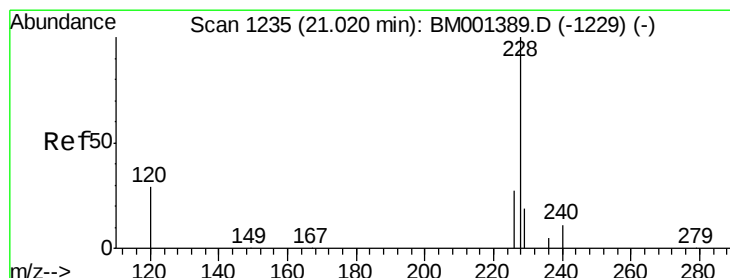
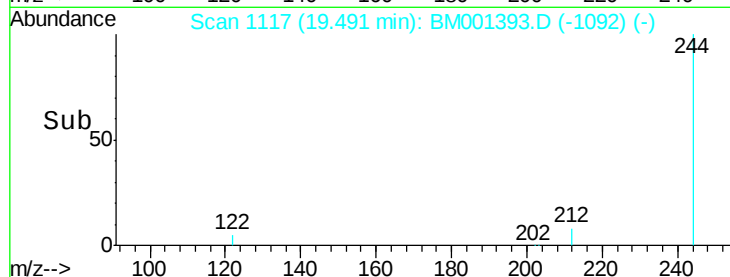
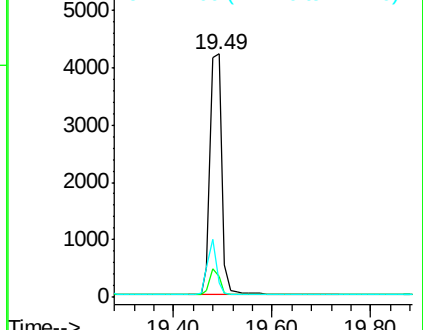
122 6.0 5.1 7.7



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



#28

Benzo(a)anthracene

Concen: 0.93 ng

RT: 21.02 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

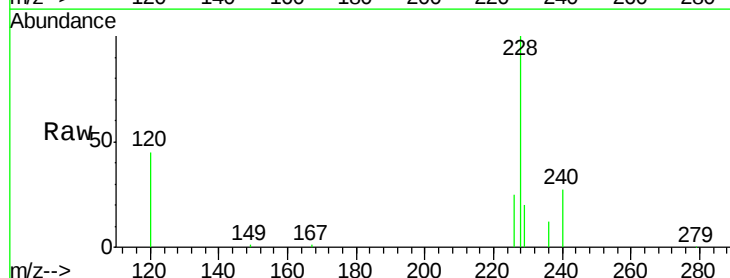
Tgt Ion:228 Resp: 15613

Ion Ratio Lower Upper

228 100

226 25.2 21.9 32.9

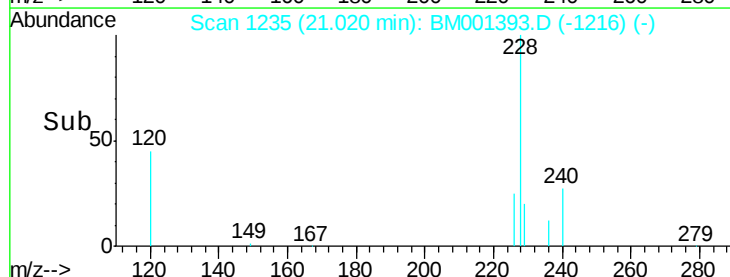
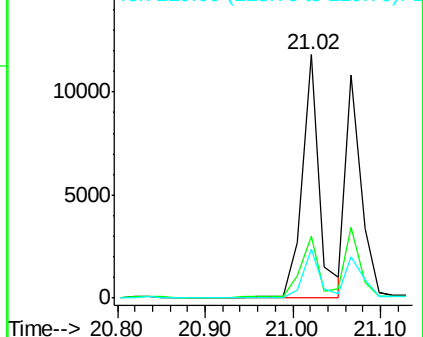
229 20.3 15.1 22.7

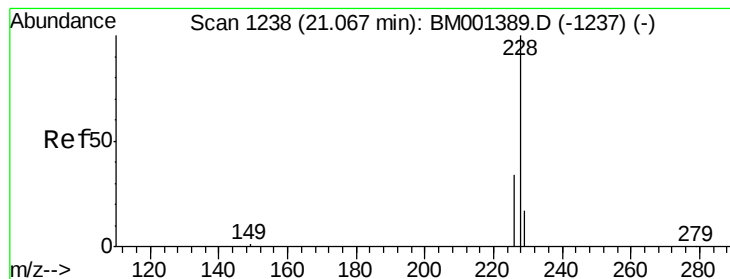


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.90 ng

RT: 21.07 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

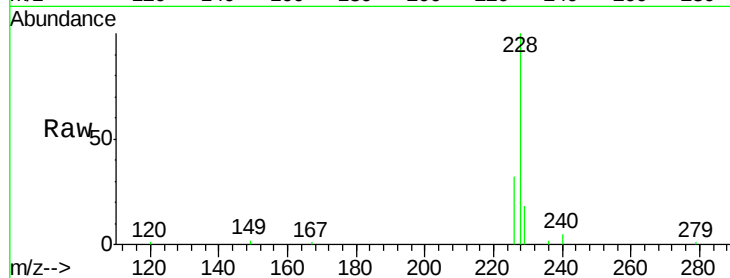
Tgt Ion:228 Resp: 13575

Ion Ratio Lower Upper

228 100

226 31.8 27.6 41.4

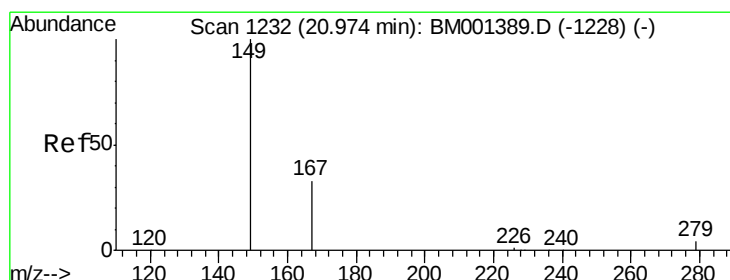
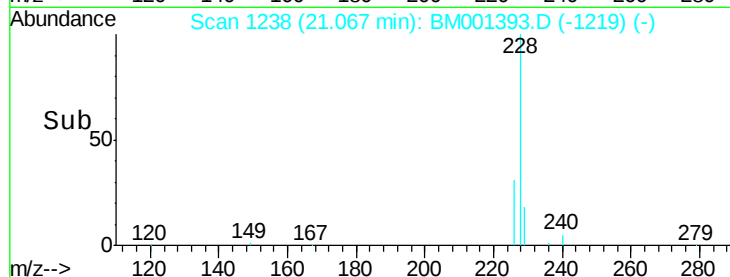
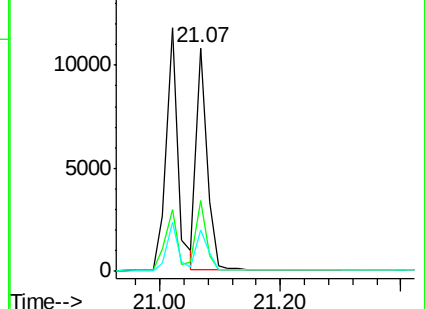
229 18.4 13.6 20.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.78 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

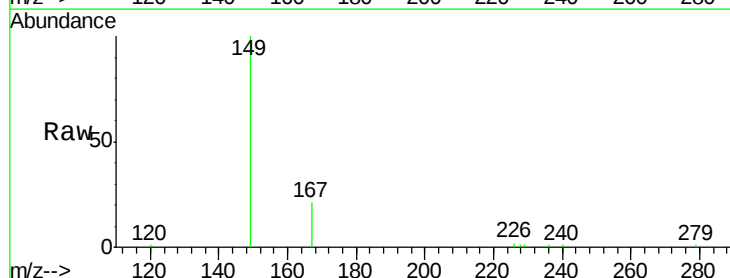
Tgt Ion:149 Resp: 7059

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.6

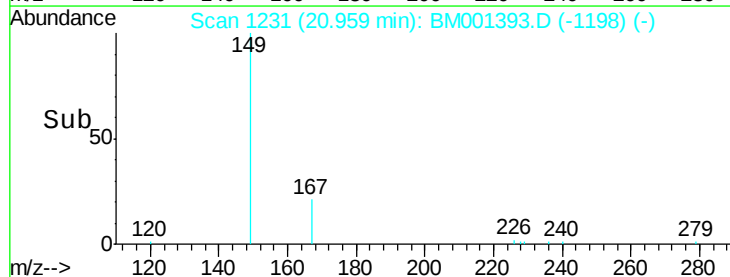
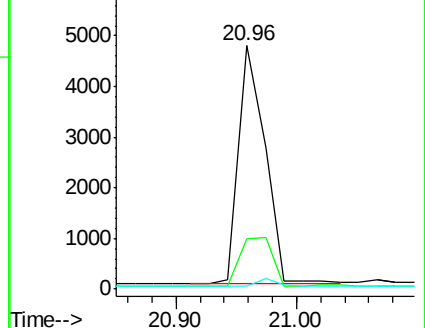
279 2.7 2.2 3.2

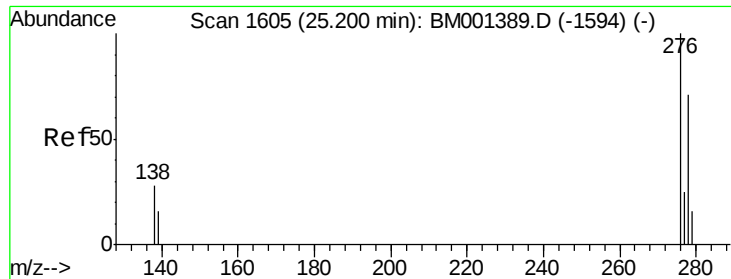


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.92 ng

RT: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

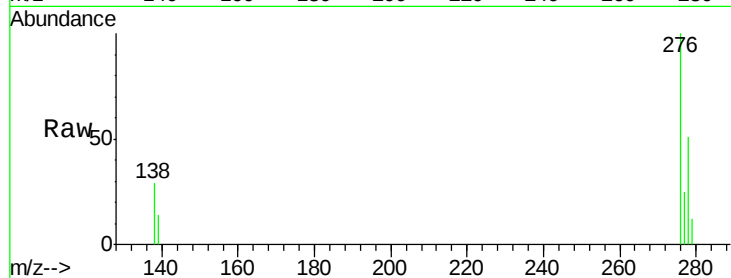
Tgt Ion:276 Resp: 15267

Ion Ratio Lower Upper

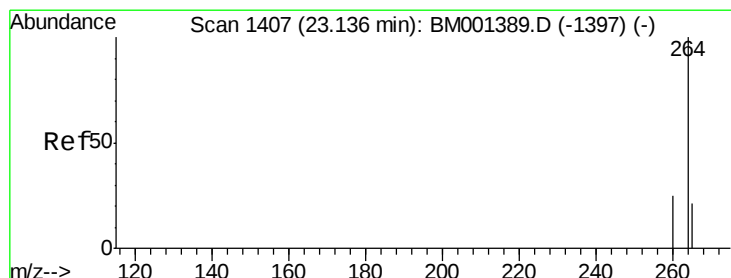
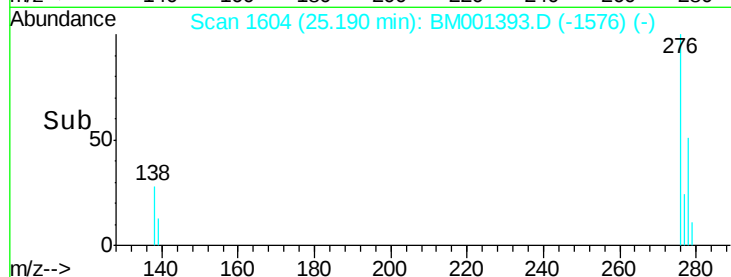
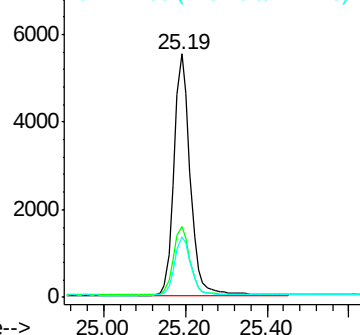
276 100

138 29.4 23.4 35.0

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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.14 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

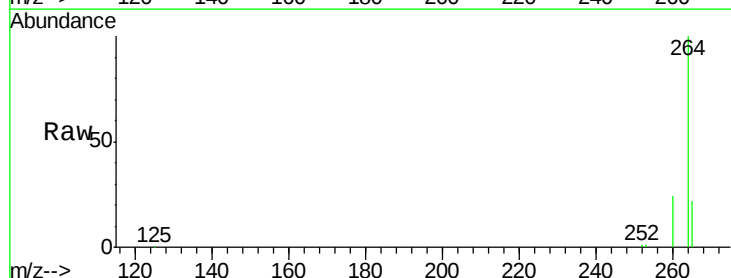
Tgt Ion:264 Resp: 52349

Ion Ratio Lower Upper

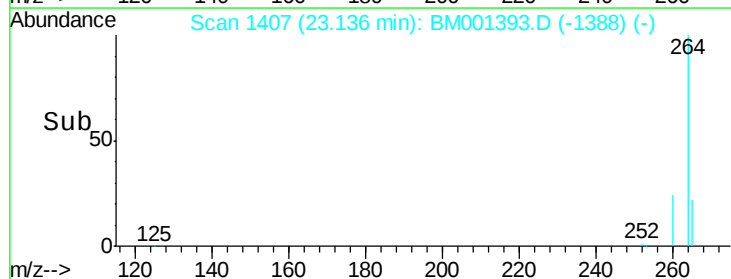
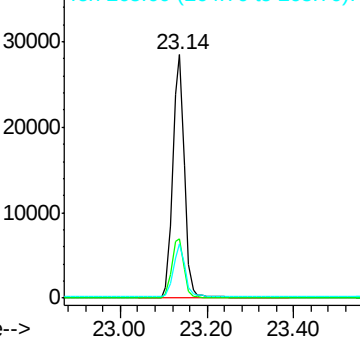
264 100

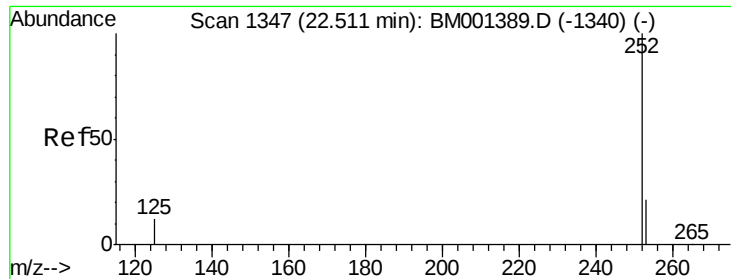
260 24.4 20.1 30.1

265 22.3 17.1 25.7



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





#33

Benzo(b)fluoranthene

Concen: 0.93 ng

RT: 22.51 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

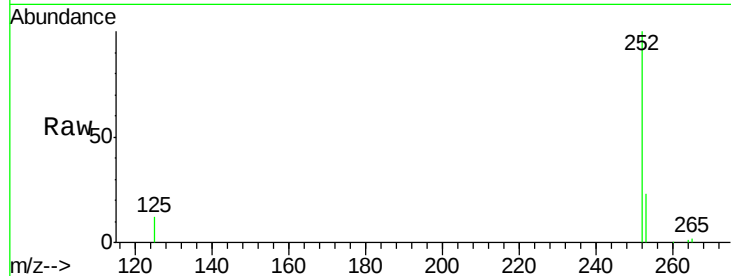
Tgt Ion:252 Resp: 14805

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

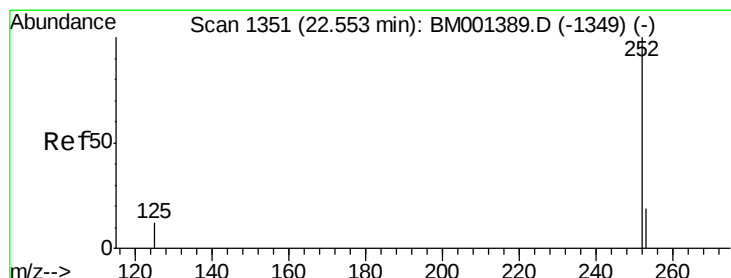
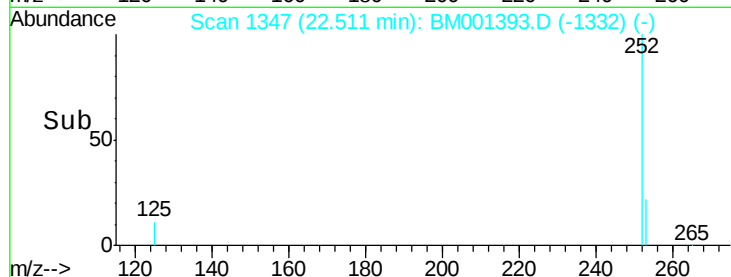
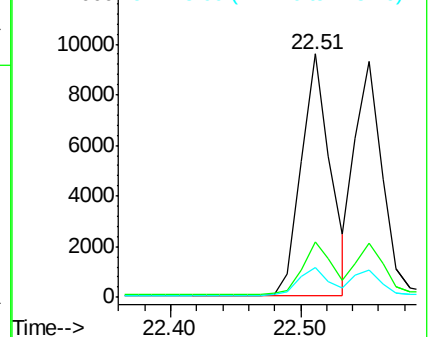
125 12.2 10.2 15.4



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



#34

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.55 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

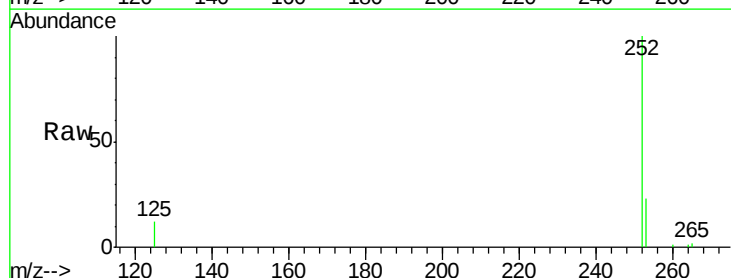
Tgt Ion:252 Resp: 13834

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

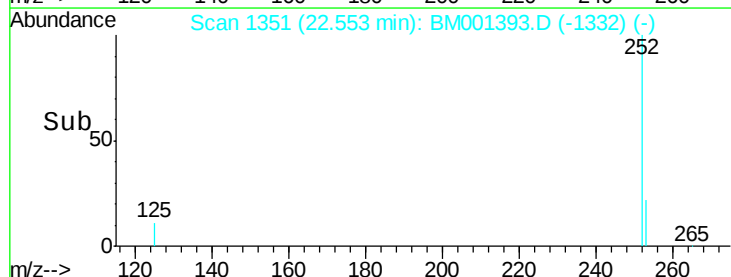
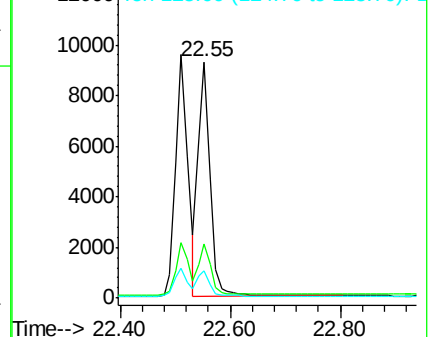
125 11.5 9.7 14.5

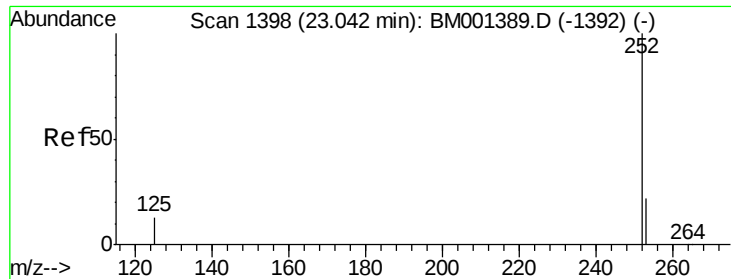


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.92 ng

RT: 23.04 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215

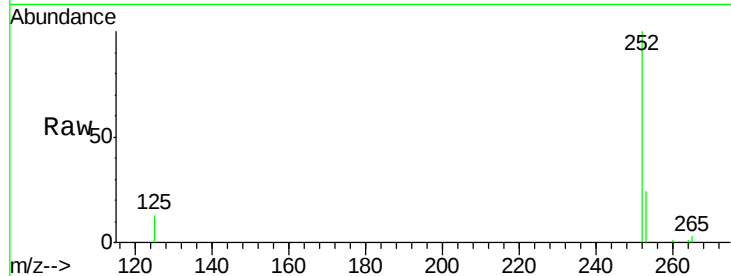
Tgt Ion:252 Resp: 12924

Ion Ratio Lower Upper

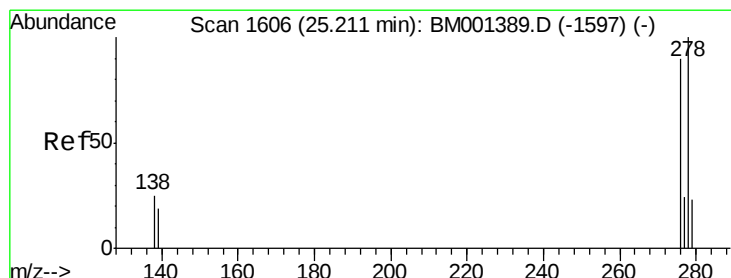
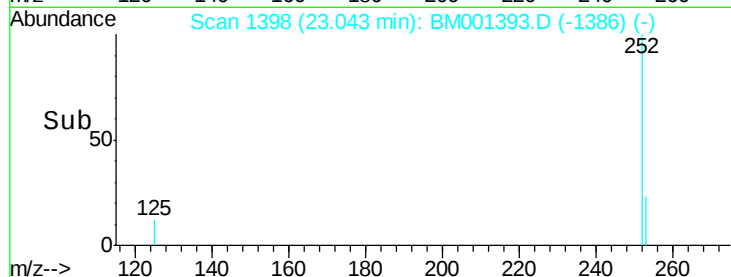
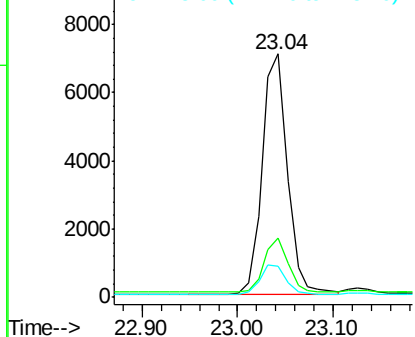
252 100

253 24.4 18.6 28.0

125 12.8 10.7 16.1



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



#36

Dibenzo(a,h)anthracene

Concen: 0.94 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

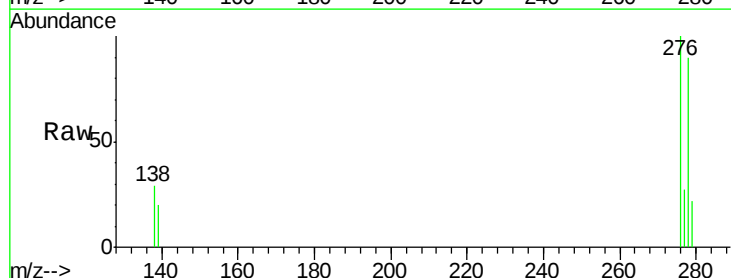
Tgt Ion:278 Resp: 11862

Ion Ratio Lower Upper

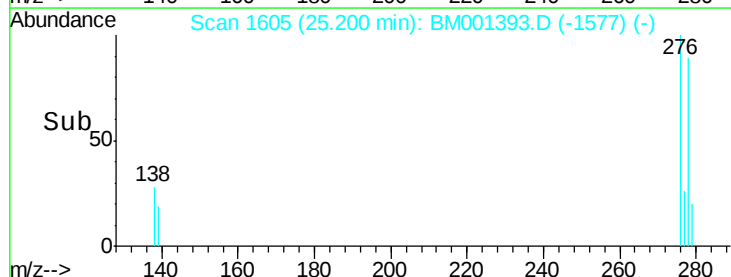
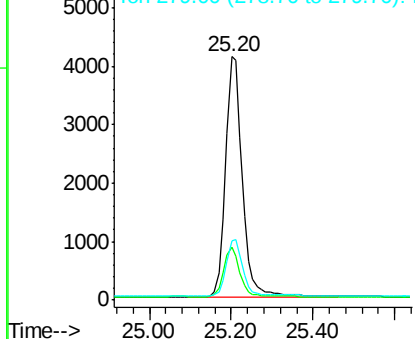
278 100

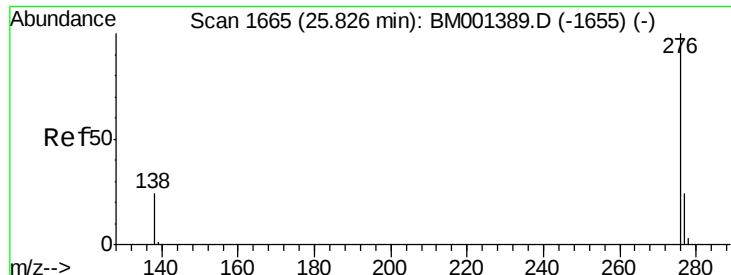
139 21.8 15.7 23.5

279 24.3 19.4 29.2



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





#37

Benzo(g,h,i)perylene

Concen: 0.94 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001393.D

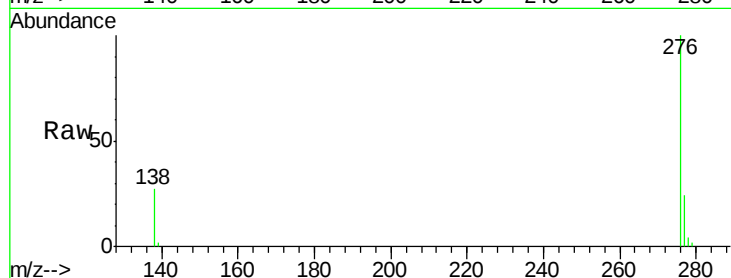
Acq: 22 May 2015 21:29

Instrument :

BNA\_M

ClientSampleId :

ICVBM052215



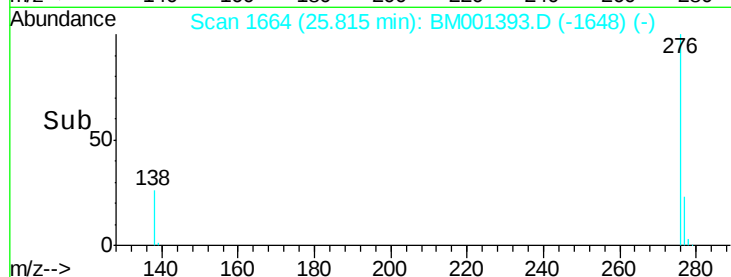
Tgt Ion: 276 Resp: 12636

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 26.5 20.2 30.2



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

