

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012216\  
 Data File : BM004104.D  
 Acq On : 21 Jan 2016 18:05  
 Operator : SJ/UM  
 Sample : PB87902BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.5

Quant Time: Jan 22 01:20:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BM010216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 04 13:33:21 2016  
 Response via : Initial Calibration

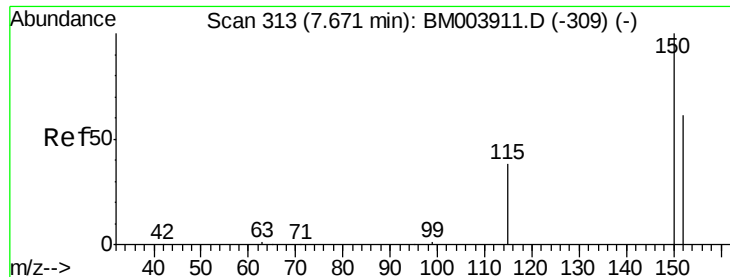
| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 24686    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.44 | 136  | 113032   | 5.00 | ng    | -0.02    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 65534    | 5.00 | ng    | -0.02    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 177475   | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.27 | 240  | 187722   | 5.00 | ng    | 0.00     |
| 35) Perylene-d12          | 23.51 | 264  | 172020   | 5.00 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.25  | 112 | 34119 | 6.75 | ng | -0.02 |
| 5) Phenol-d6                | 6.85  | 99  | 44249 | 7.15 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.83  | 82  | 18990 | 3.42 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.82 | 330 | 14411 | 7.34 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.93 | 172 | 69276 | 3.28 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.71 | 244 | 75487 | 2.48 | ng | -0.02 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.17  | 88  | 7370   | 3.54   | ng | 95   |
| 3) n-Nitrosodimethylamine      | 3.48  | 42  | 8102   | 3.17   | ng | 93   |
| 6) bis(2-Chloroethyl)ether     | 7.09  | 93  | 20135  | 3.56   | ng | 99   |
| 9) Nitrobenzene                | 8.87  | 77  | 20354  | 3.39   | ng | 98   |
| 10) Naphthalene                | 10.49 | 128 | 81482  | 3.29   | ng | 98   |
| 11) Hexachlorobutadiene        | 10.79 | 225 | 12202  | 3.23   | ng | 99   |
| 12) 2-Methylnaphthalene        | 12.12 | 142 | 58572  | 3.50   | ng | 98   |
| 16) Acenaphthylene             | 14.02 | 152 | 97249  | 3.56   | ng | 100  |
| 17) Acenaphthene               | 14.37 | 154 | 65441  | 3.43   | ng | 99   |
| 18) Fluorene                   | 15.37 | 166 | 80578  | 3.54   | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.24 | 248 | 18903  | 3.45   | ng | # 69 |
| 21) Hexachlorobenzene          | 16.37 | 284 | 19546  | 3.35   | ng | # 64 |
| 22) Pentachlorophenol          | 16.73 | 266 | 15738  | 6.47   | ng | 89   |
| 23) Phenanthrene               | 17.09 | 178 | 118095 | 3.62   | ng | 98   |
| 24) Anthracene                 | 17.19 | 178 | 142729 | 4.00   | ng | 99   |
| 25) Fluoranthene               | 19.14 | 202 | 154831 | 3.92   | ng | 100  |
| 27) Benzidine                  | 19.33 | 184 | 114551 | 5.15   | ng | 97   |
| 28) Pyrene                     | 19.50 | 202 | 171854 | 2.55   | ng | 99   |
| 30) Benzo(a)anthracene         | 21.25 | 228 | 216501 | 4.06   | ng | # 87 |
| 31) 3,3'-Dichlorobenzidine     | 21.19 | 252 | 48978  | 3.02   | ng | # 78 |
| 32) Chrysene                   | 21.25 | 228 | 216482 | 3.91   | ng | 96   |
| 33) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 70330  | 2.38   | ng | # 50 |
| 34) Indeno(1,2,3-cd)pyrene     | 25.75 | 276 | 179734 | 4.53   | ng | 100  |
| 36) Benzo(b)fluoranthene       | 22.83 | 252 | 167457 | 3.19   | ng | 96   |
| 37) Benzo(k)fluoranthene       | 22.87 | 252 | 165286 | 3.25   | ng | 96   |
| 38) Benzo(a)pyrene             | 23.40 | 252 | 160342 | 3.58   | ng | 97   |
| 39) Dibenzo(a,h)anthracene     | 25.76 | 278 | 144062 | 3.77   | ng | 97   |
| 40) Benzo(g,h,i)perylene       | 26.44 | 276 | 151941 | 3.76   | ng | 98   |

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



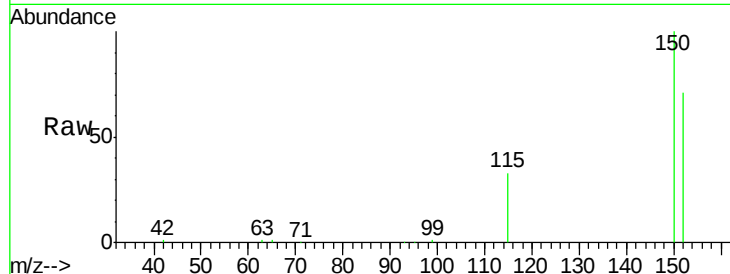


#1

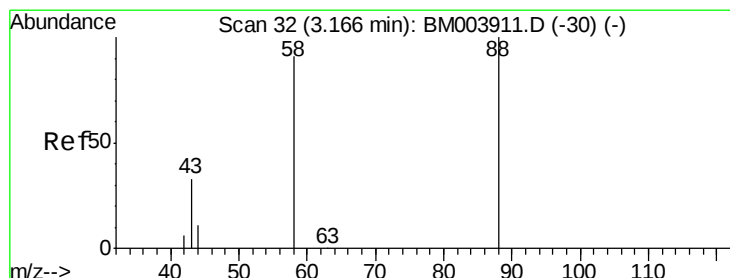
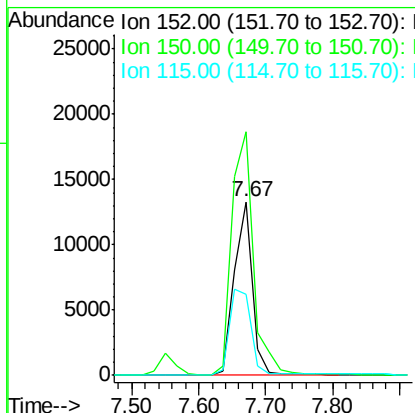
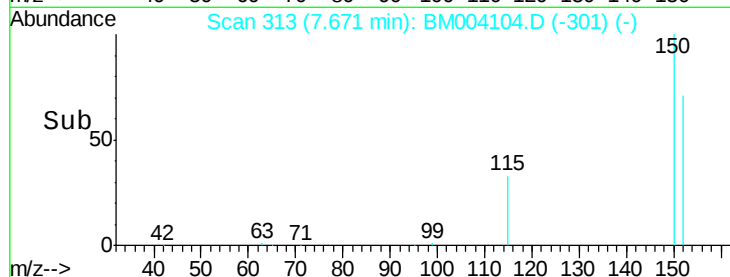
1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.67 min Scan# 313  
Delta R.T. 0.00 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.5

Tgt Ion:152 Resp: 24686  
Ion Ratio Lower Upper  
152 100  
150 140.5 122.9 184.3  
115 46.7 44.4 66.6



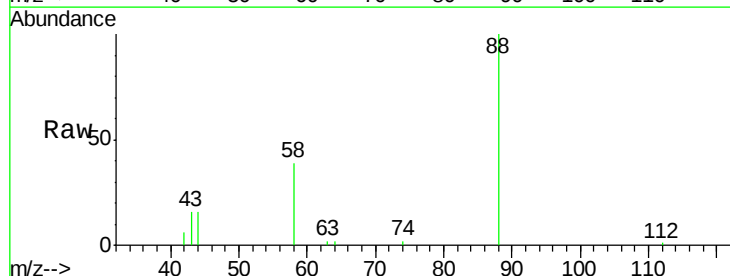
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



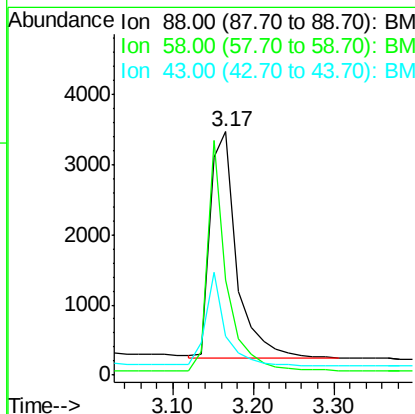
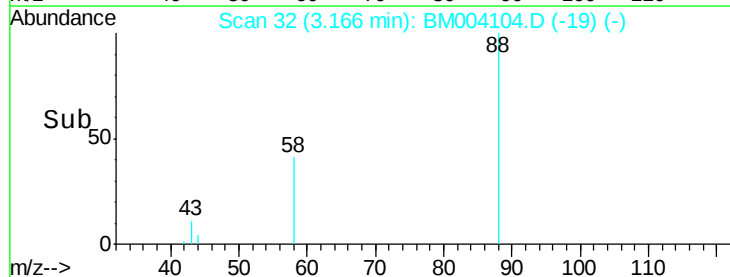
#2

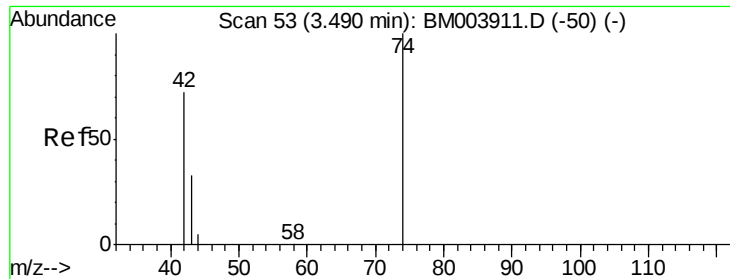
1,4-Dioxane  
Concen: 3.54 ng  
RT: 3.17 min Scan# 32  
Delta R.T. 0.00 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

Tgt Ion: 88 Resp: 7370  
Ion Ratio Lower Upper  
88 100  
58 72.4 53.8 80.6  
43 30.6 23.8 35.6



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: 3.17 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

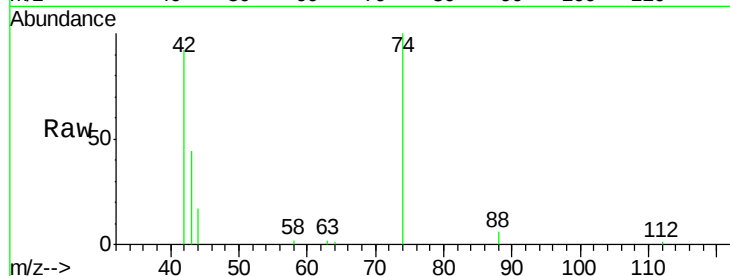
Tgt Ion: 42 Resp: 8102

Ion Ratio Lower Upper

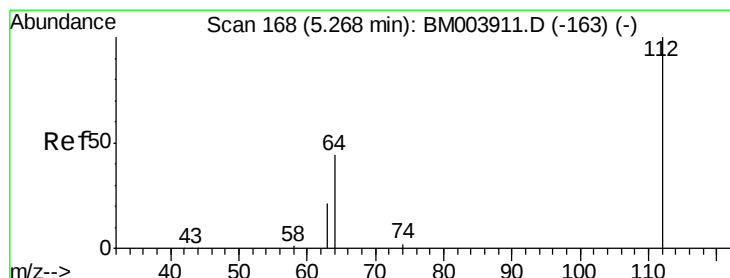
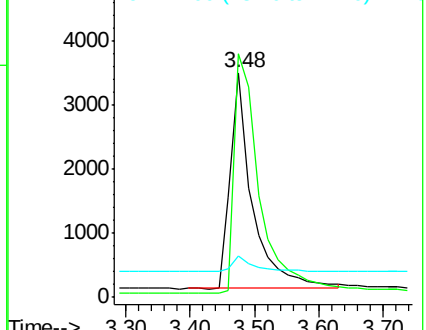
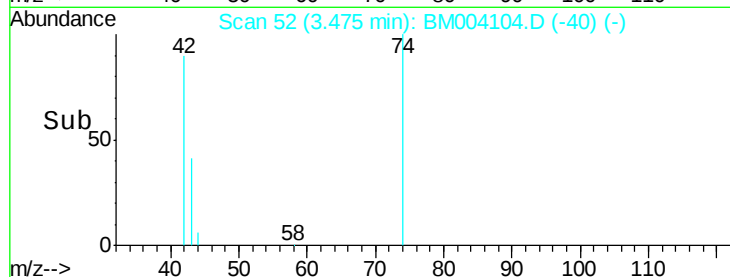
42 100

74 126.4 95.0 142.4

44 6.6 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004104.D (-40) (-)



#4

2-Fluorophenol

Concen: 6.75 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

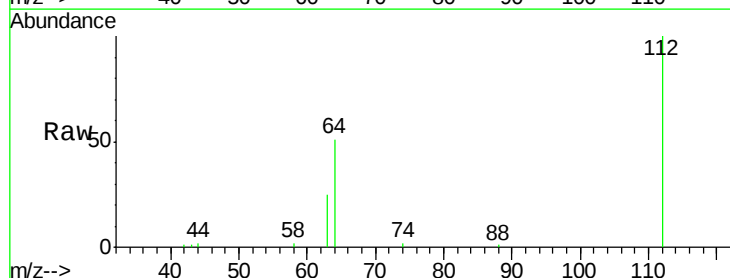
Tgt Ion: 112 Resp: 34119

Ion Ratio Lower Upper

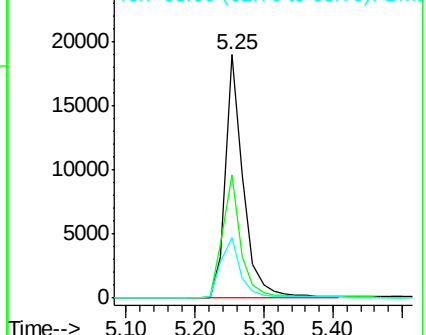
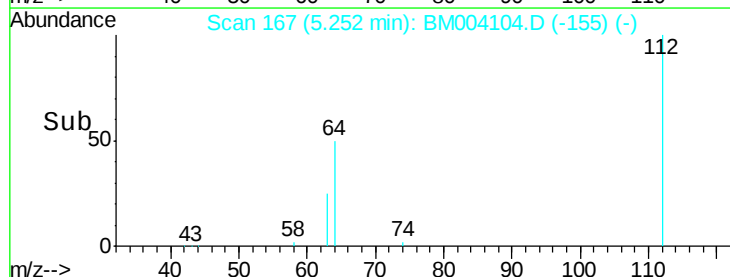
112 100

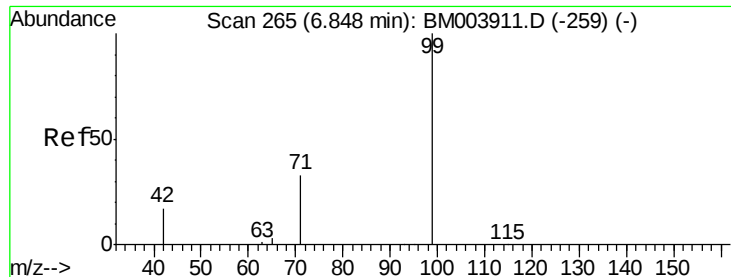
64 51.9 41.8 62.8

63 27.2 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): BM004104.D (-155) (-)





#5

Phenol-d6

Concen: 7.15 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

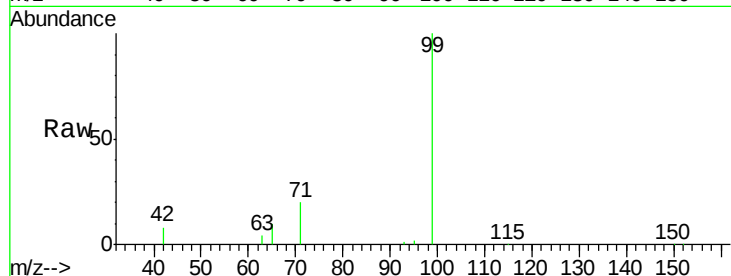
Tgt Ion: 99 Resp: 44249

Ion Ratio Lower Upper

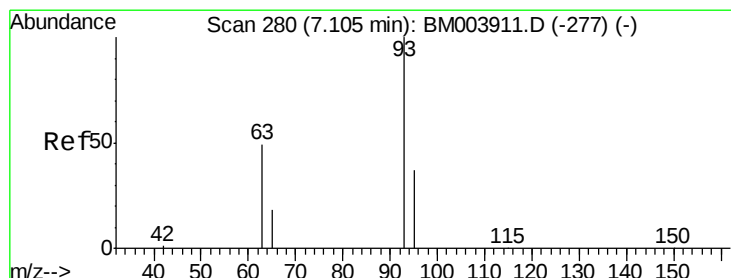
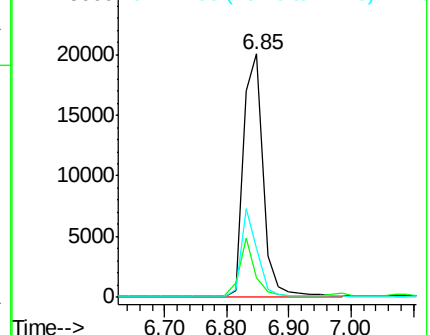
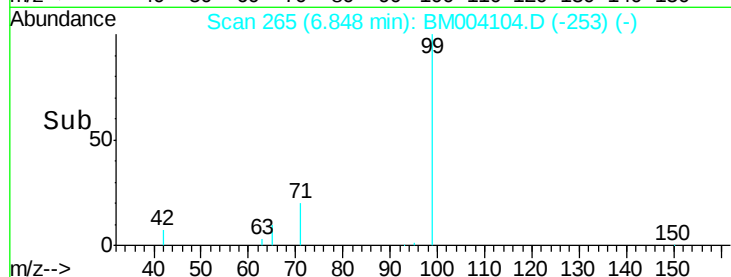
99 100

42 18.7 16.2 24.2

71 30.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004104.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.56 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

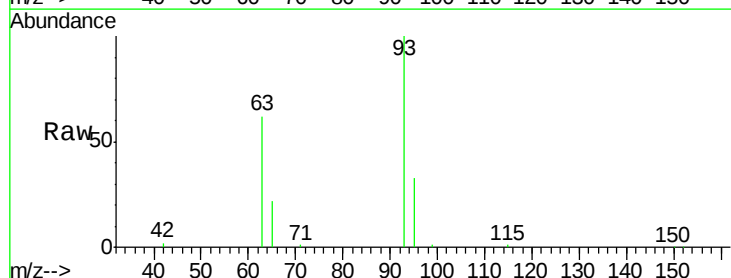
Tgt Ion: 93 Resp: 20135

Ion Ratio Lower Upper

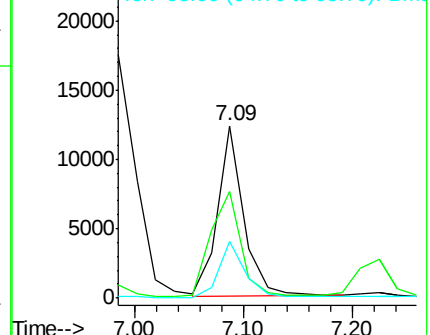
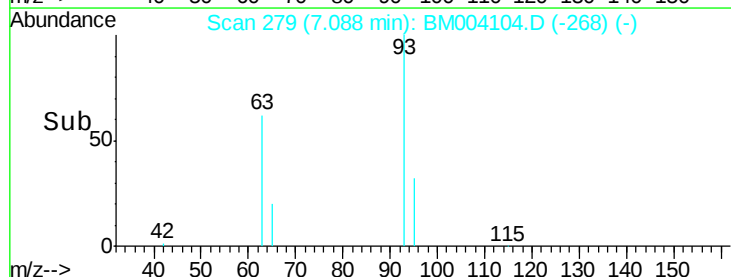
93 100

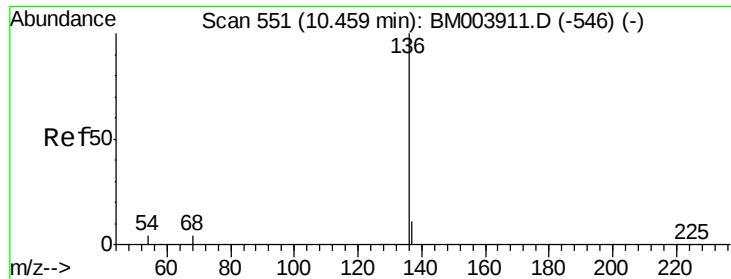
63 73.8 58.3 87.5

95 33.0 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BM004104.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

Tgt Ion: 136 Resp: 113032

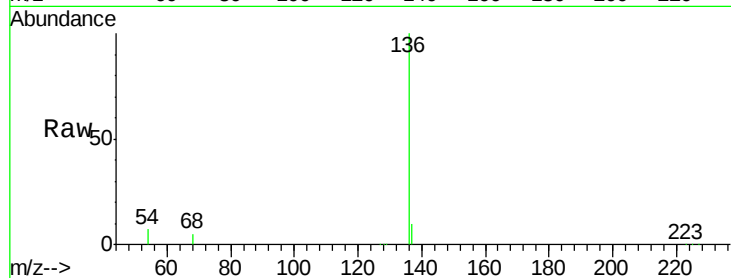
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 6.8 2.8 4.2#

68 5.3 2.5 3.7#

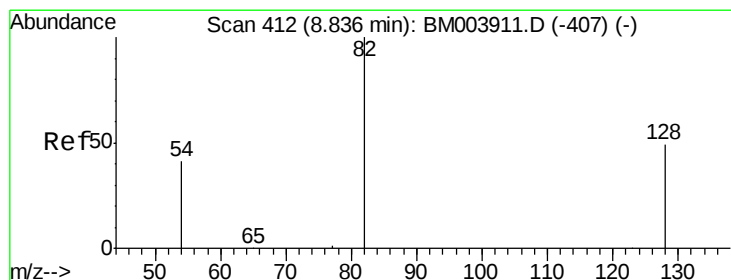
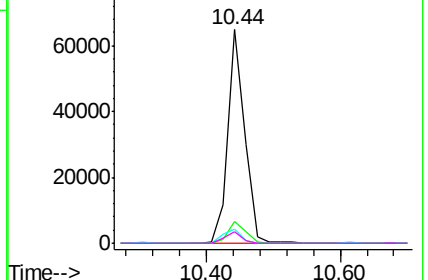
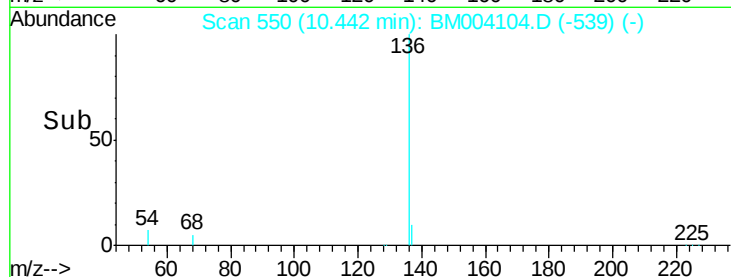


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 3.42 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

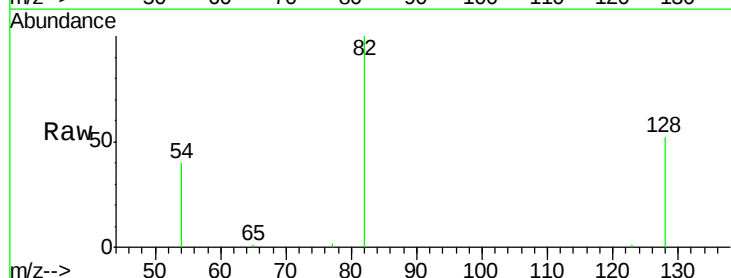
Tgt Ion: 82 Resp: 18990

Ion Ratio Lower Upper

82 100

128 51.6 39.1 58.7

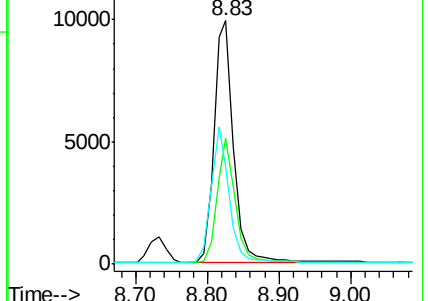
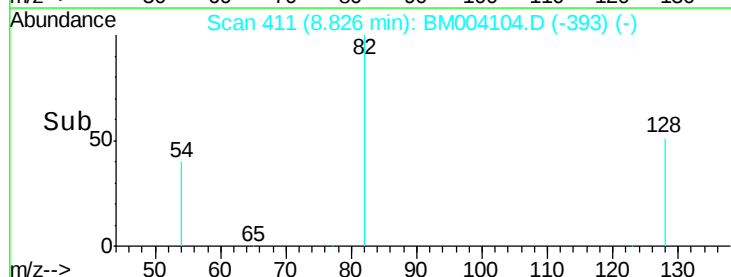
54 39.9 34.8 52.2

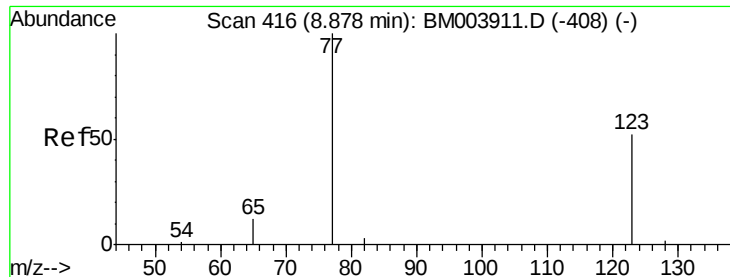


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.39 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.01 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

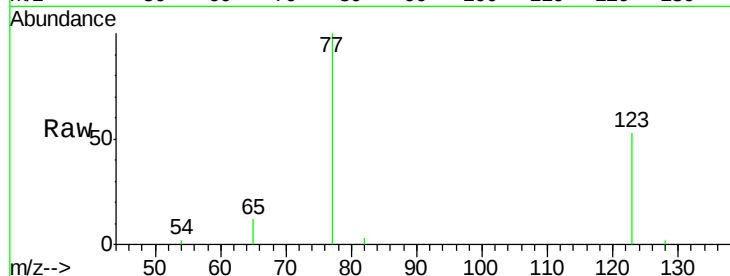
Tgt Ion: 77 Resp: 20354

Ion Ratio Lower Upper

77 100

123 49.4 38.6 57.8

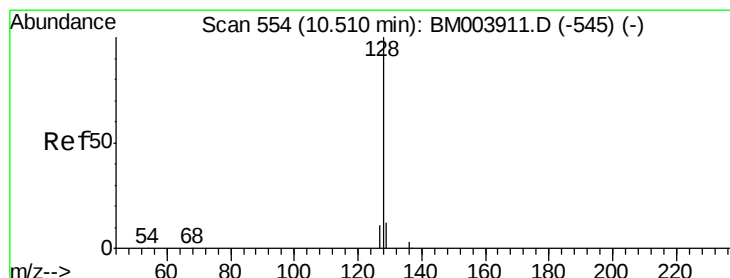
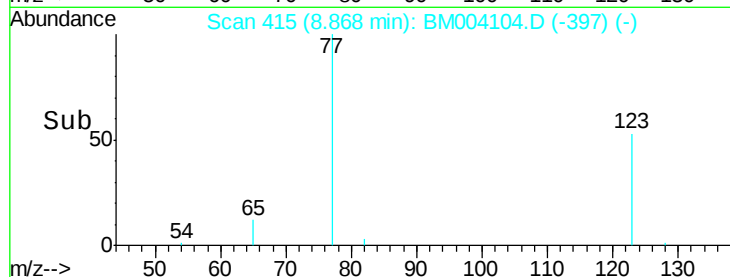
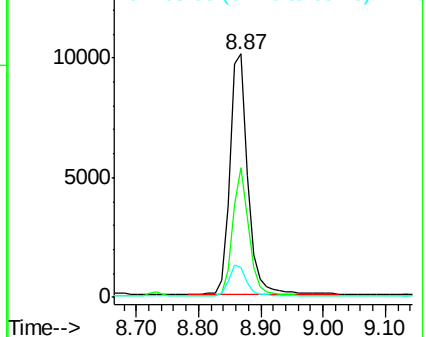
65 12.7 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003911.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003911.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003911.D (-408) (-)



#10

Naphthalene

Concen: 3.29 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

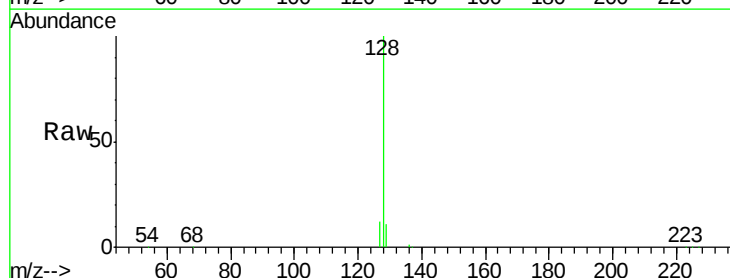
Tgt Ion: 128 Resp: 81482

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

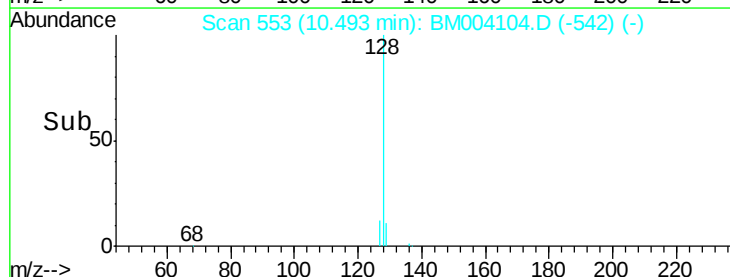
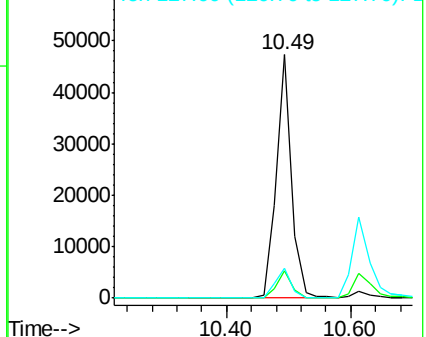
127 12.4 11.0 16.4

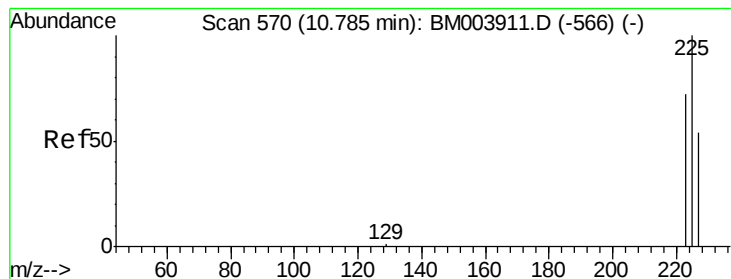


Abundance Ion 128.00 (127.70 to 128.70): BM003911.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003911.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003911.D (-545) (-)





#11

Hexachlorobutadiene

Concen: 3.23 ng

RT: 10.79 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.5

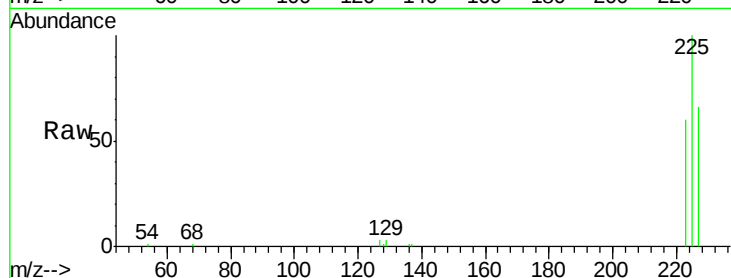
Tgt Ion: 225 Resp: 12202

Ion Ratio Lower Upper

225 100

223 62.9 50.9 76.3

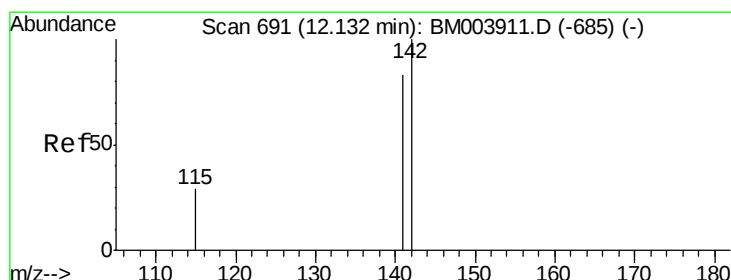
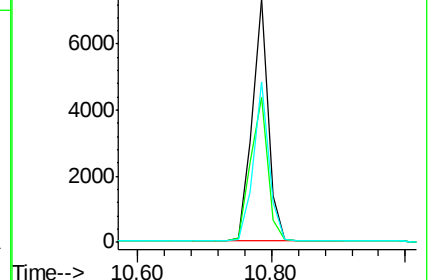
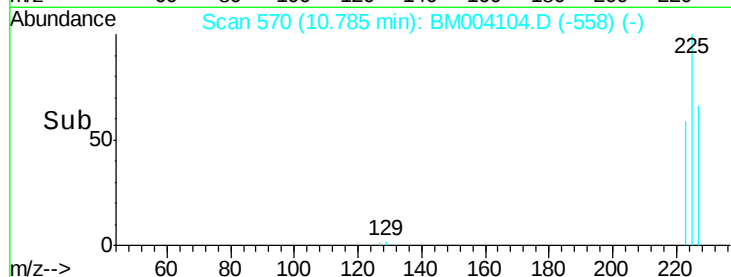
227 63.8 51.2 76.8



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



#12

2-Methylnaphthalene

Concen: 3.50 ng

RT: 12.12 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

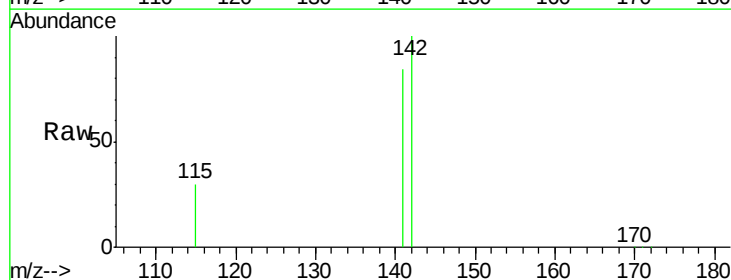
Tgt Ion: 142 Resp: 58572

Ion Ratio Lower Upper

142 100

141 83.6 67.8 101.8

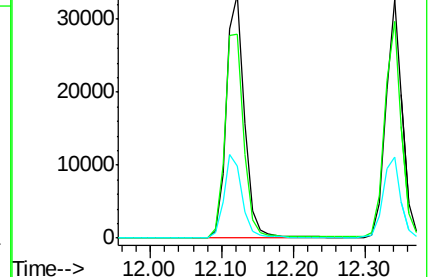
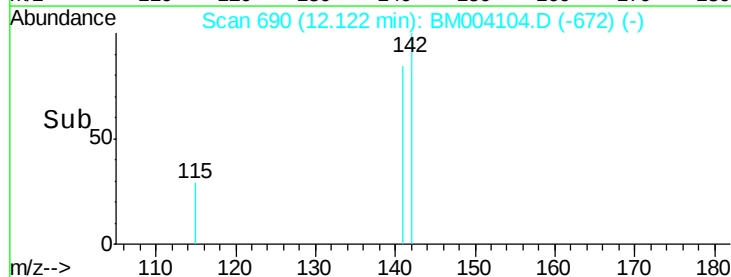
115 29.6 25.3 37.9

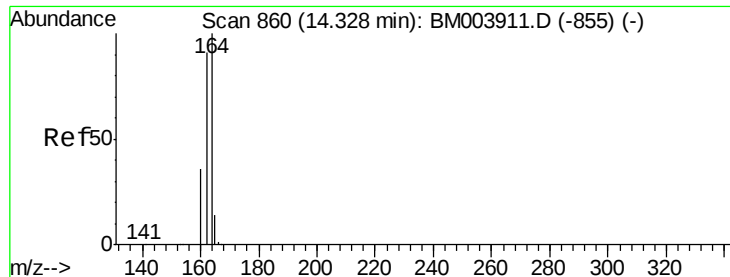


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampled :

SSTDIC0.5

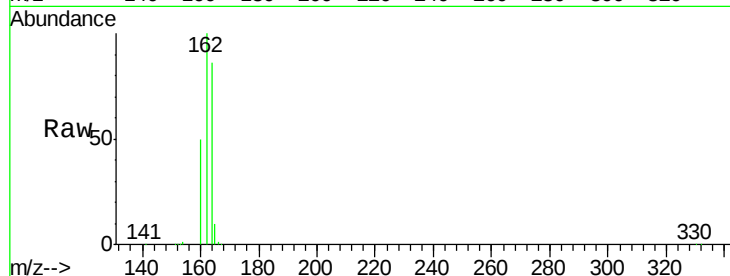
Tgt Ion:164 Resp: 65534

Ion Ratio Lower Upper

164 100

162 116.1 86.0 129.0

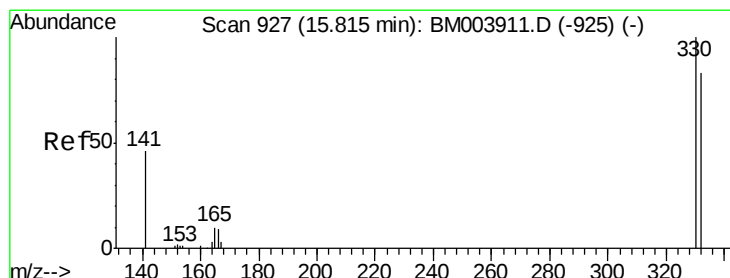
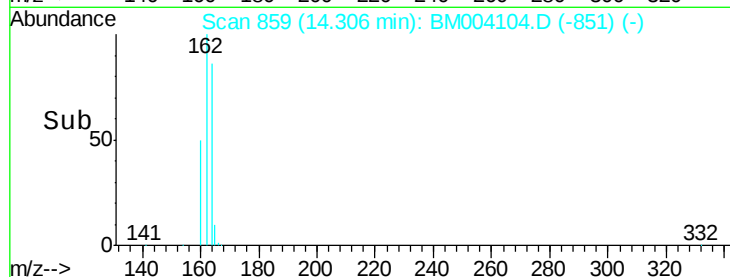
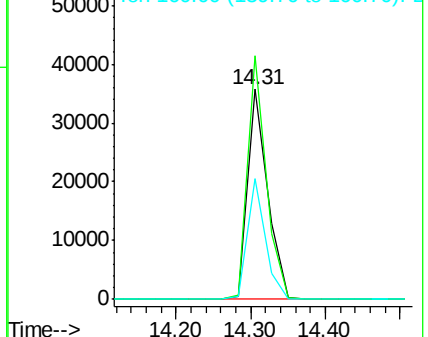
160 57.8 40.3 60.5



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



#14

2,4,6-Tribromophenol

Concen: 7.34 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

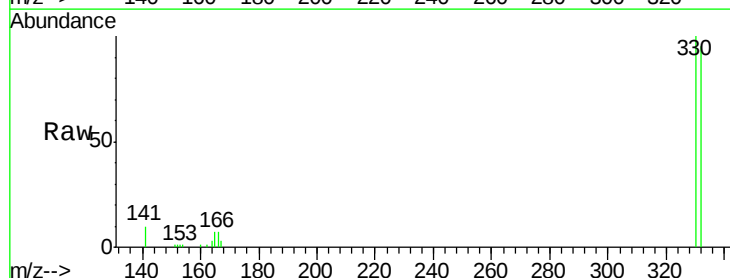
Tgt Ion:330 Resp: 14411

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

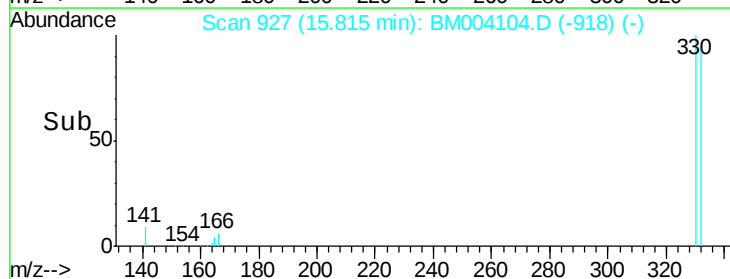
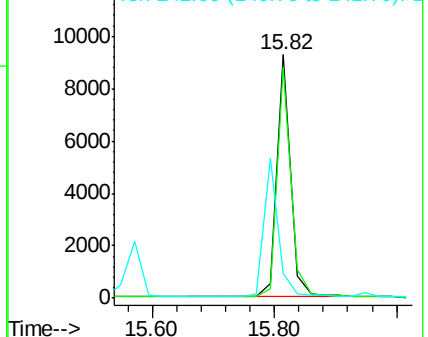
141 0.0 0.0 0.0

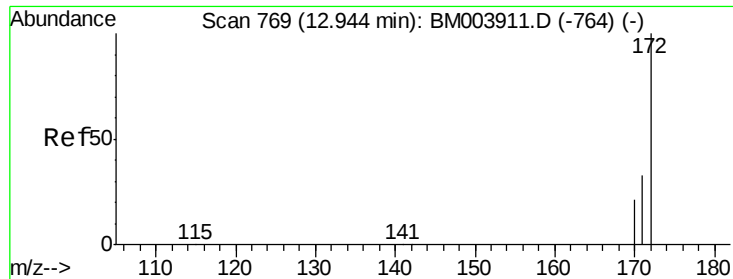


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

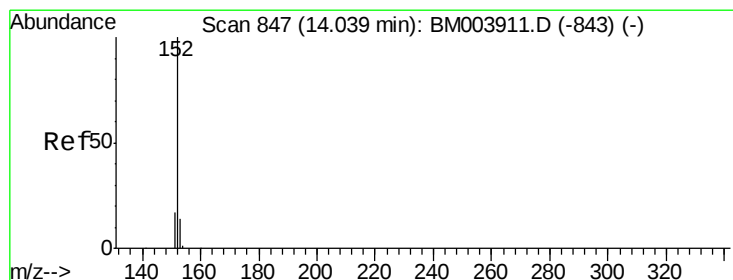
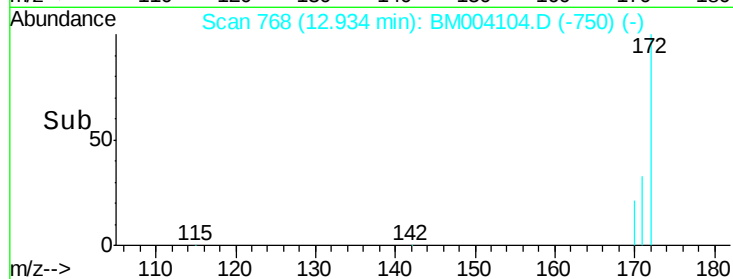
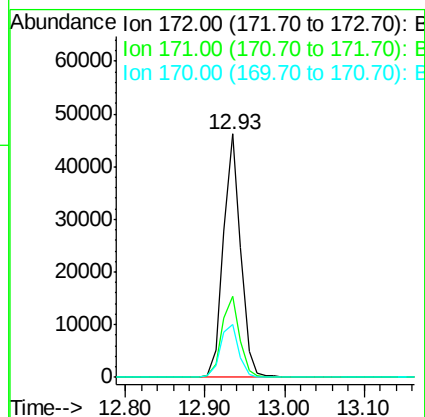
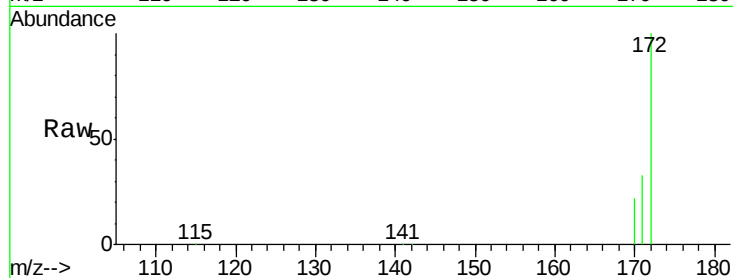




#15  
2-Fluorobiphenyl  
Concen: 3.28 ng  
RT: 12.93 min Scan# 768  
Delta R.T. -0.01 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

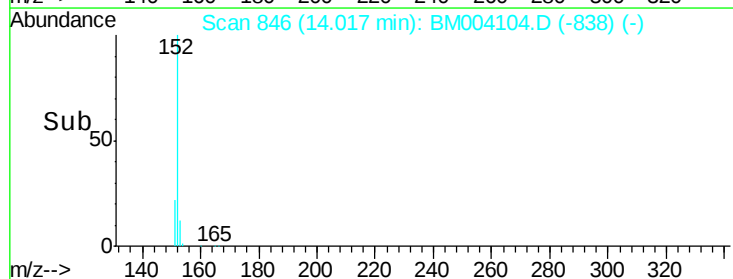
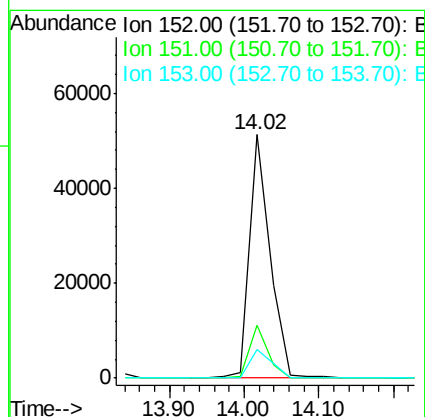
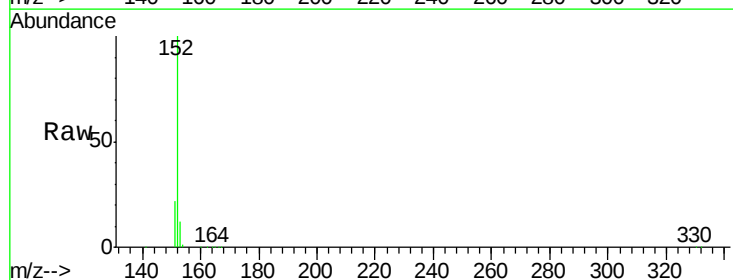
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.5

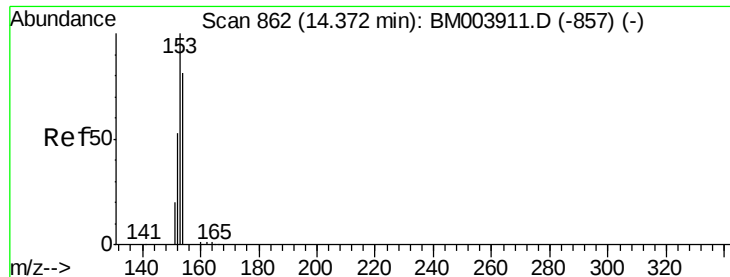
Tgt Ion:172 Resp: 69276  
Ion Ratio Lower Upper  
172 100  
171 33.4 27.0 40.6  
170 21.6 17.9 26.9



#16  
Acenaphthylene  
Concen: 3.56 ng  
RT: 14.02 min Scan# 846  
Delta R.T. -0.02 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

Tgt Ion:152 Resp: 97249  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.8  
153 12.8 10.2 15.4

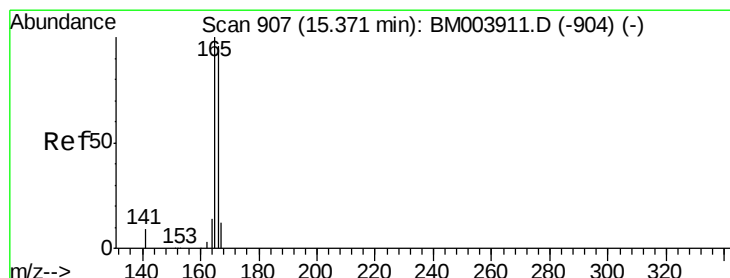
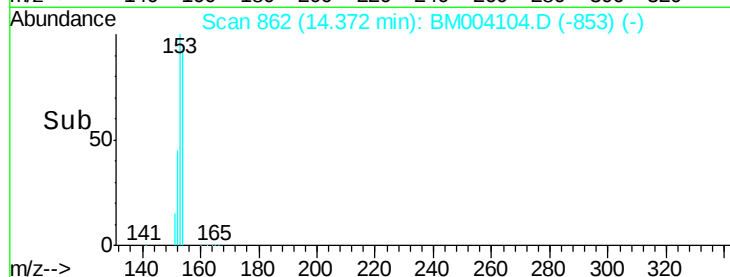
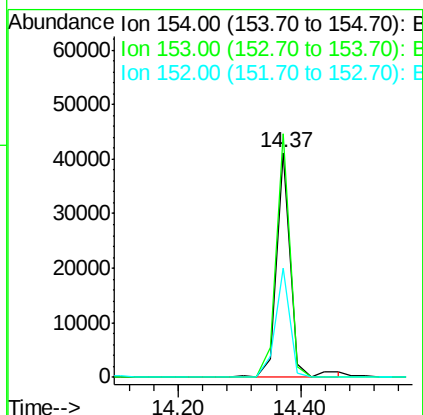
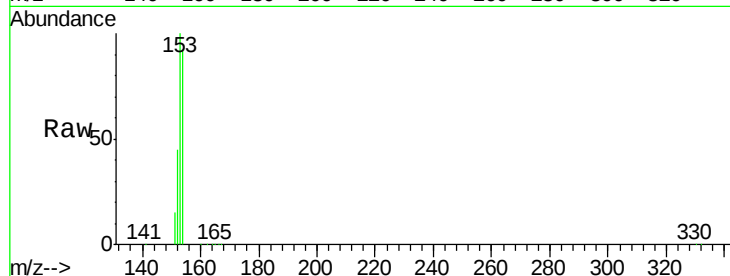




#17  
Acenaphthene  
Concen: 3.43 ng  
RT: 14.37 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

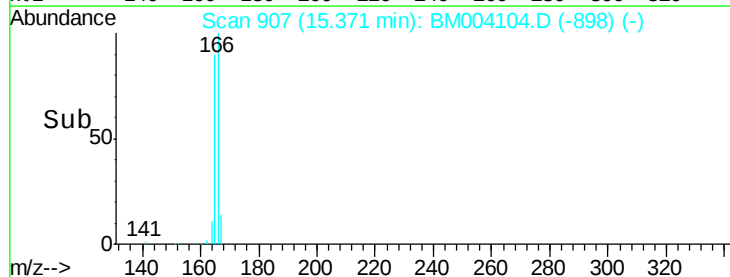
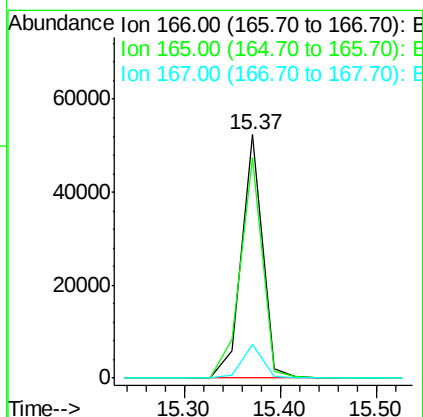
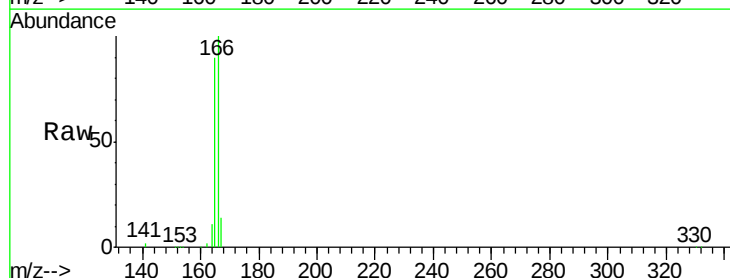
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.5

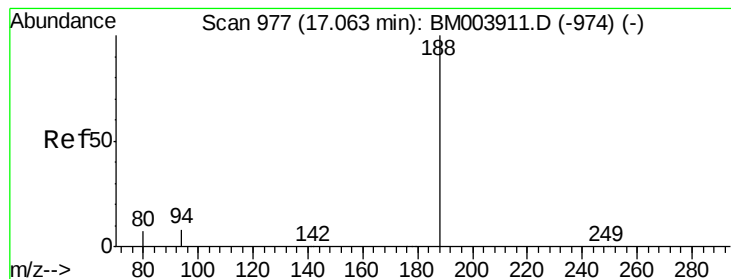
Tgt Ion:154 Resp: 65441  
Ion Ratio Lower Upper  
154 100  
153 105.9 85.4 128.2  
152 49.7 40.6 60.8



#18  
Fluorene  
Concen: 3.54 ng  
RT: 15.37 min Scan# 907  
Delta R.T. 0.00 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

Tgt Ion:166 Resp: 80578  
Ion Ratio Lower Upper  
166 100  
165 94.7 77.2 115.8  
167 13.7 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

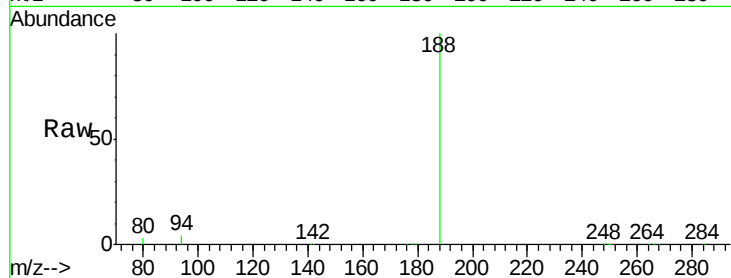
Tgt Ion:188 Resp: 177475

Ion Ratio Lower Upper

188 100

94 3.8 20.3 30.5#

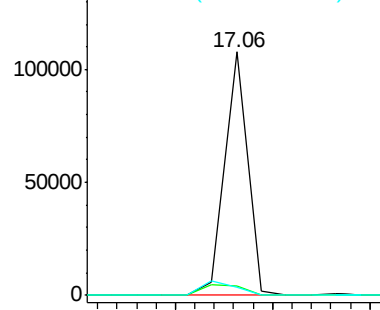
80 3.1 22.2 33.4#



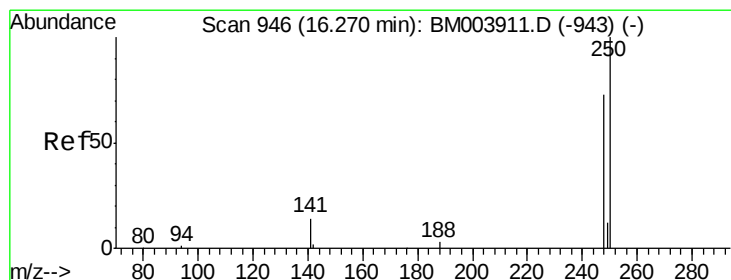
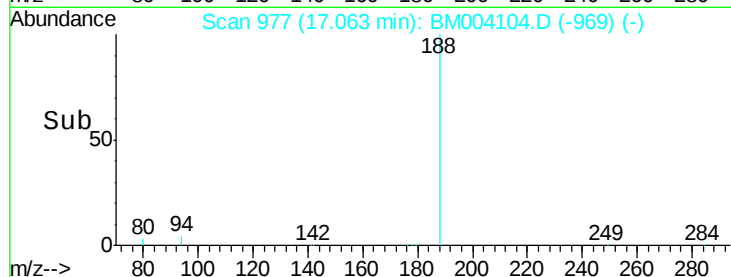
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 3.45 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.03 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

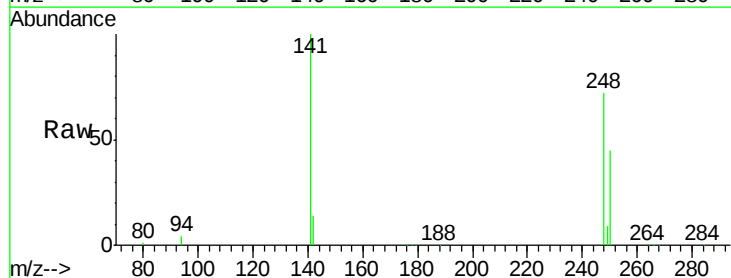
Tgt Ion:248 Resp: 18903

Ion Ratio Lower Upper

248 100

250 85.8 75.0 112.4

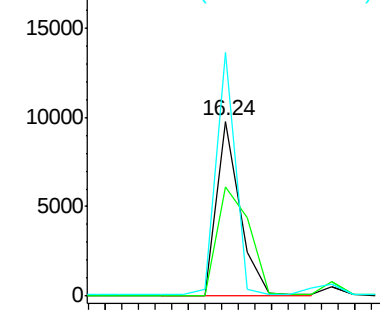
141 115.9 53.0 79.4#



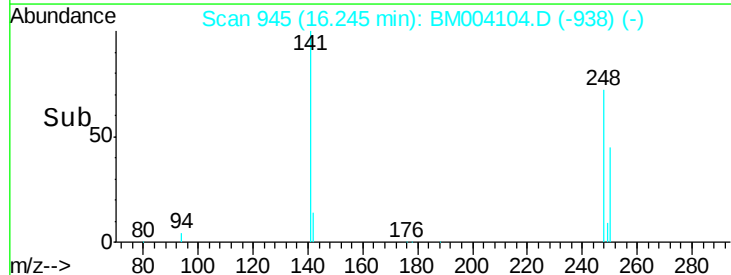
Abundance Ion 248.00 (247.70 to 248.70): E

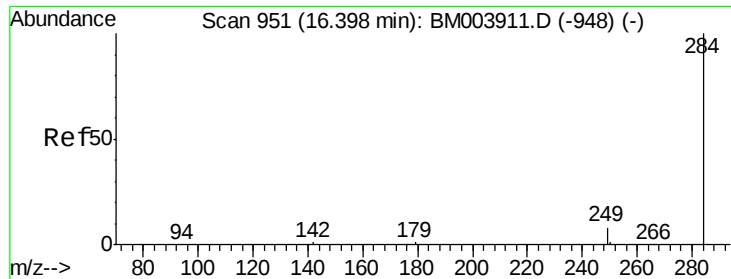
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

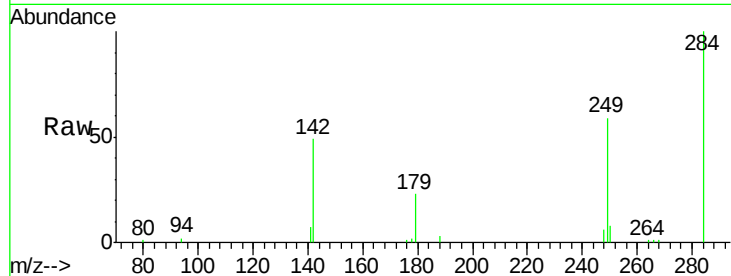




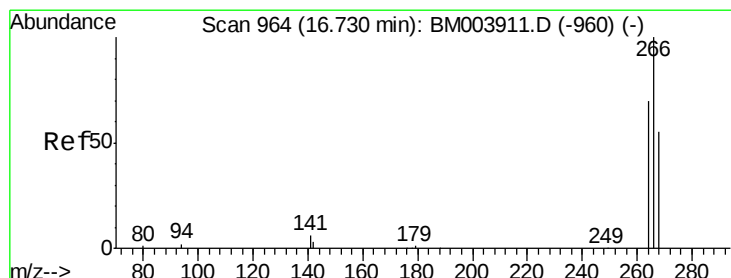
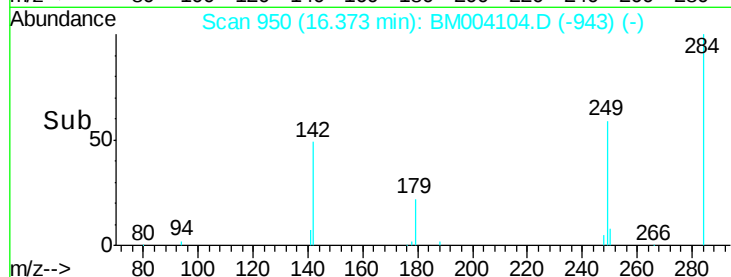
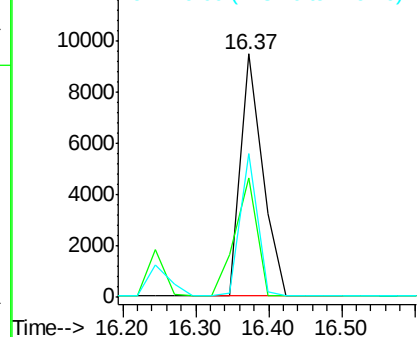
#21  
Hexachlorobenzene  
Concen: 3.35 ng  
RT: 16.37 min Scan# 950  
Delta R.T. -0.03 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.5

Tgt Ion:284 Resp: 19546  
Ion Ratio Lower Upper  
284 100  
142 48.9 0.0 0.0#  
249 45.6 21.5 32.3#

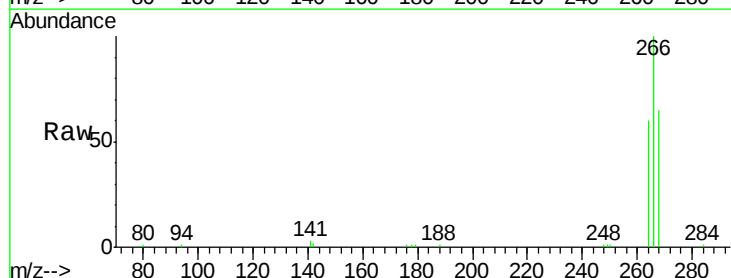


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

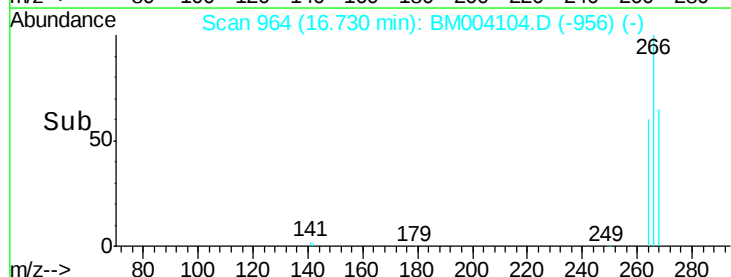
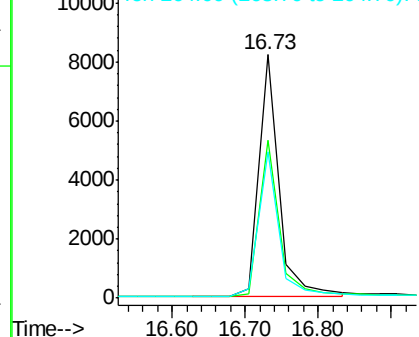


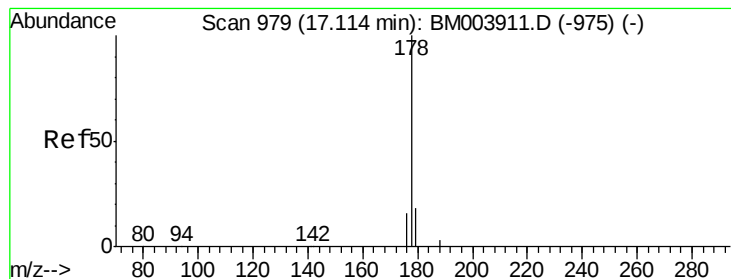
#22  
Pentachlorophenol  
Concen: 6.47 ng  
RT: 16.73 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

Tgt Ion:266 Resp: 15738  
Ion Ratio Lower Upper  
266 100  
268 65.0 62.7 94.1  
264 60.2 45.7 68.5



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





#23

Phenanthrene

Concen: 3.62 ng

RT: 17.09 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

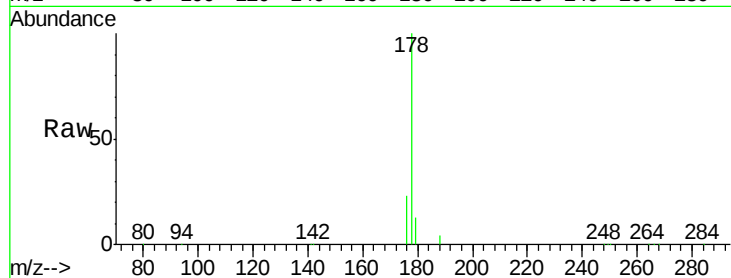
Tgt Ion:178 Resp: 118095

Ion Ratio Lower Upper

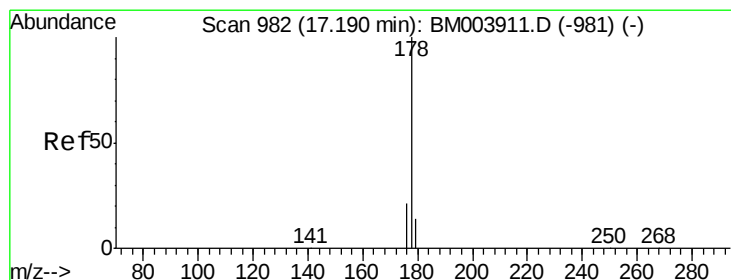
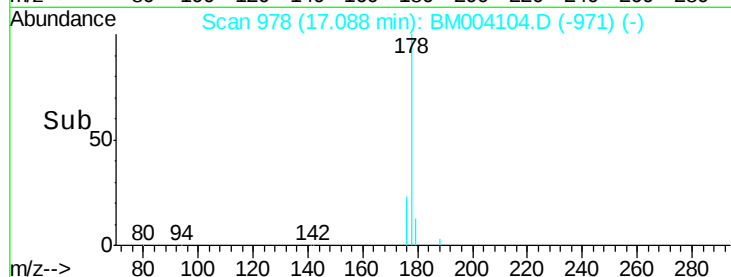
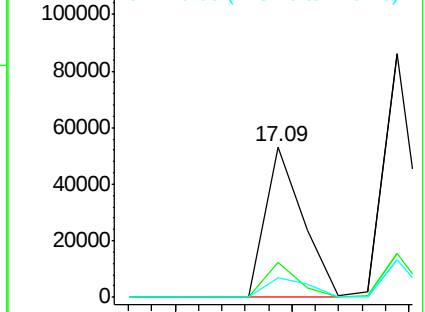
178 100

176 20.2 15.4 23.0

179 14.7 12.2 18.4



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



#24

Anthracene

Concen: 4.00 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

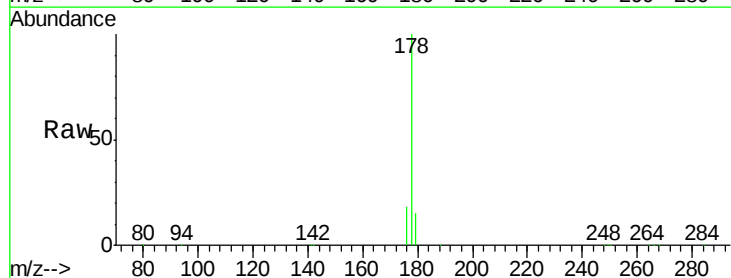
Tgt Ion:178 Resp: 142729

Ion Ratio Lower Upper

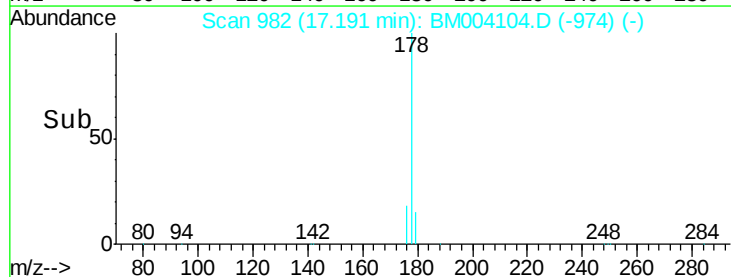
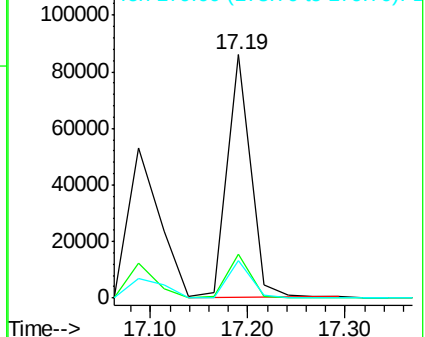
178 100

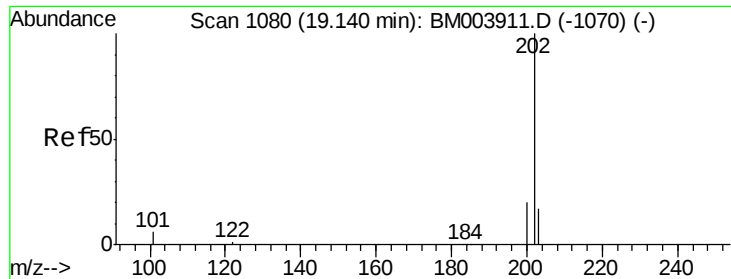
176 18.2 14.6 21.8

179 15.3 12.6 19.0



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





#25

Fluoranthene

Concen: 3.92 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

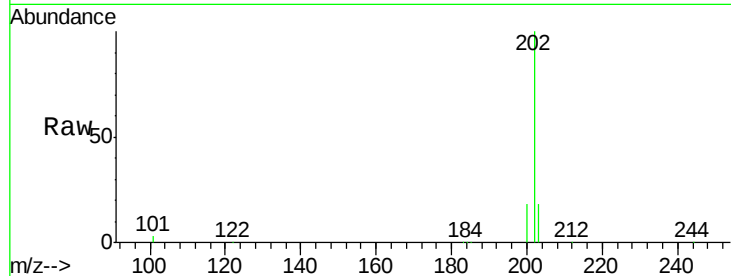
Tgt Ion:202 Resp: 154831

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

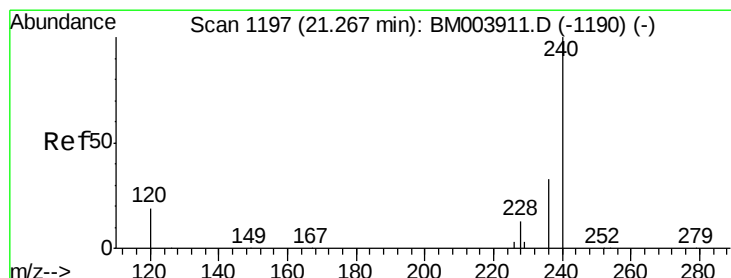
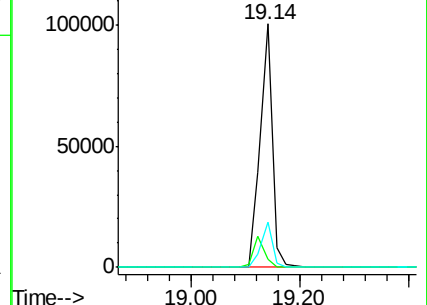
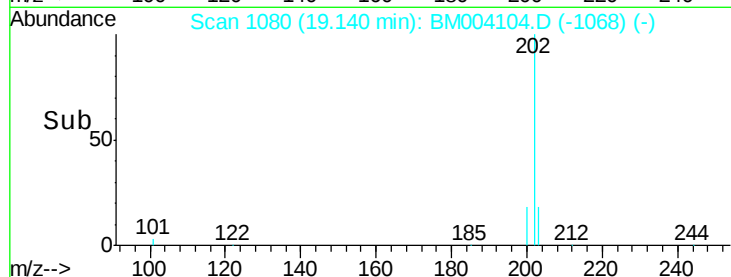
203 17.5 13.8 20.8



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

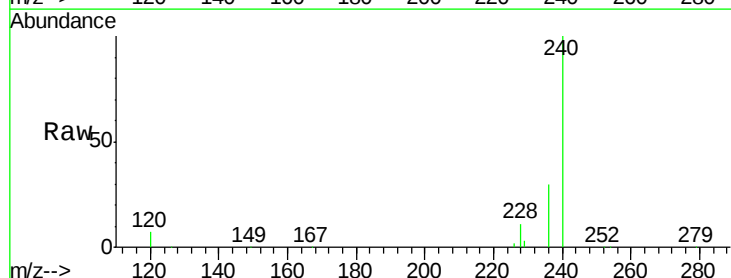
Tgt Ion:240 Resp: 187722

Ion Ratio Lower Upper

240 100

120 6.9 0.9 1.3#

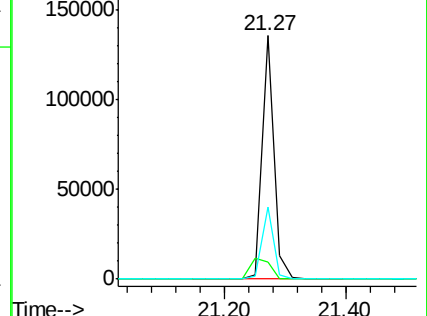
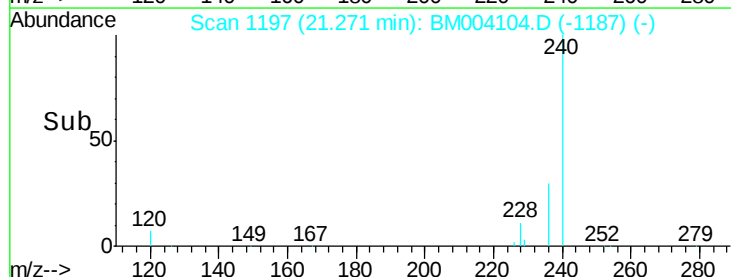
236 29.5 17.3 25.9#

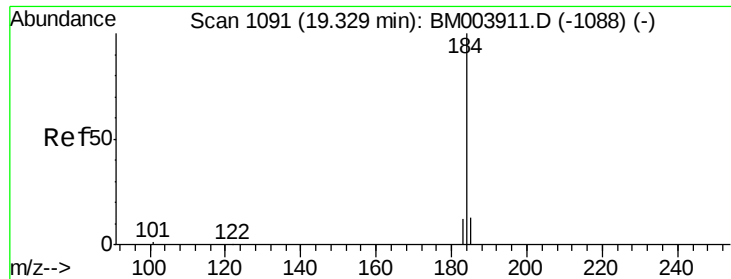


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 5.15 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

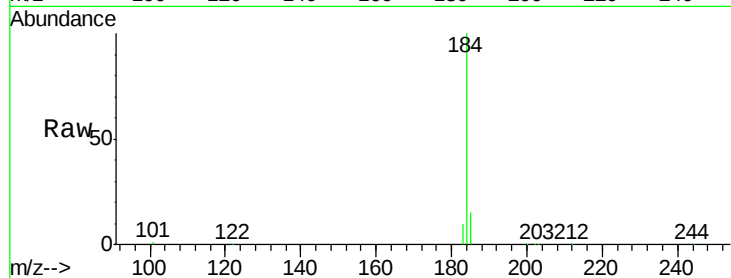
Tgt Ion:184 Resp: 114551

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

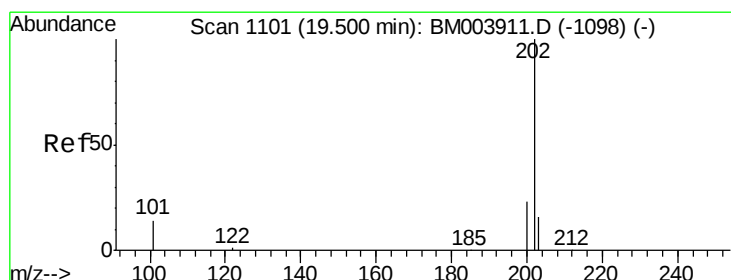
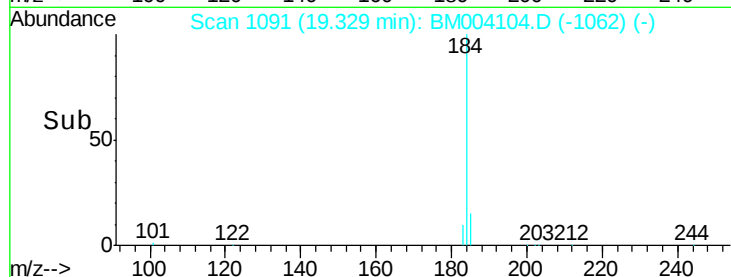
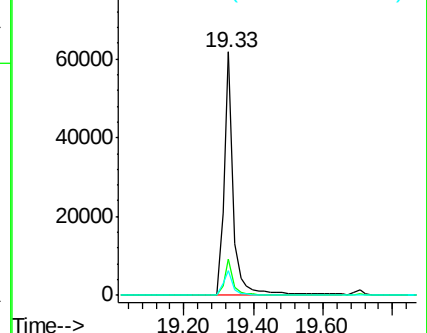
183 10.4 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 2.55 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

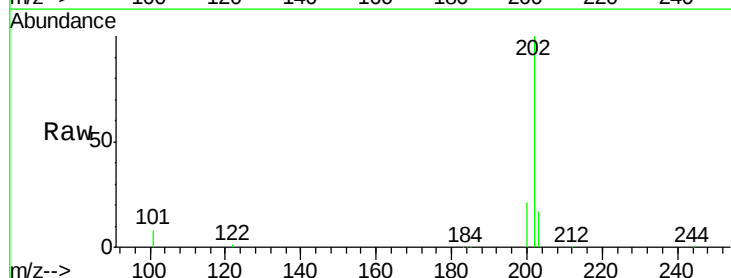
Tgt Ion:202 Resp: 171854

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

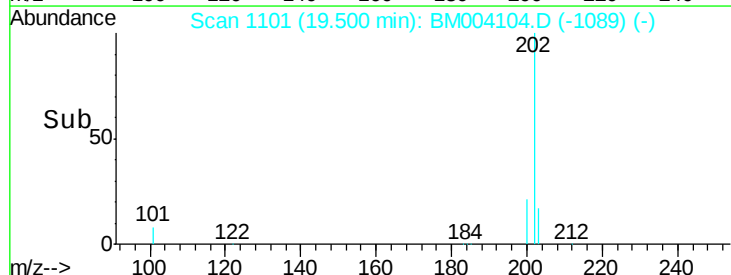
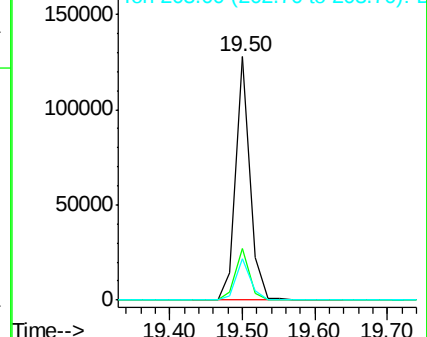
203 17.9 14.0 21.0

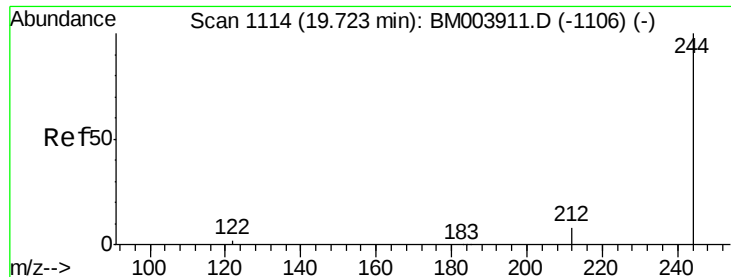


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.48 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

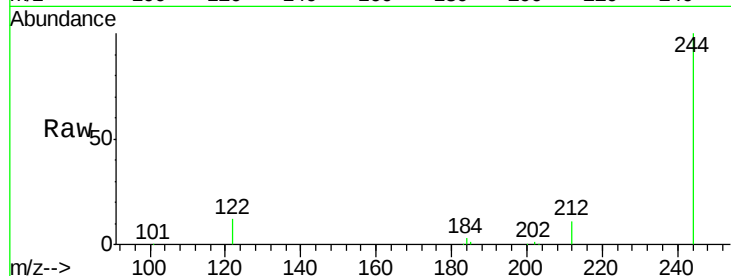
Tgt Ion:244 Resp: 75487

Ion Ratio Lower Upper

244 100

212 10.8 7.0 10.6#

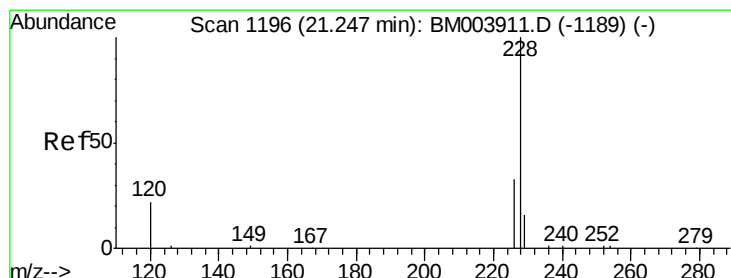
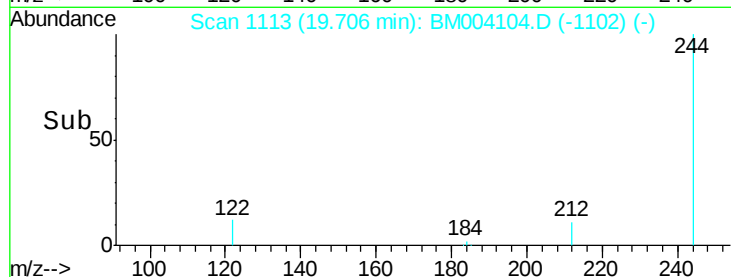
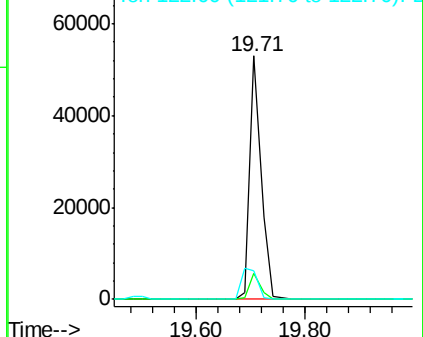
122 11.9 3.0 4.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.06 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

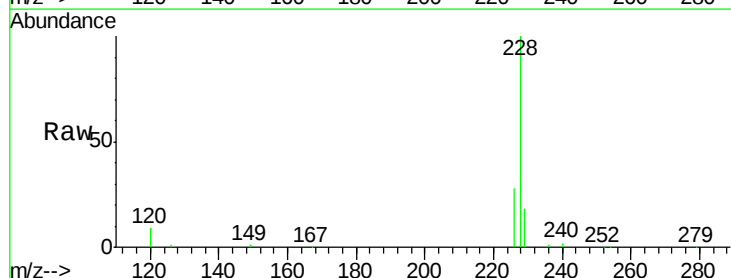
Tgt Ion:228 Resp: 216501

Ion Ratio Lower Upper

228 100

226 28.1 17.2 25.8#

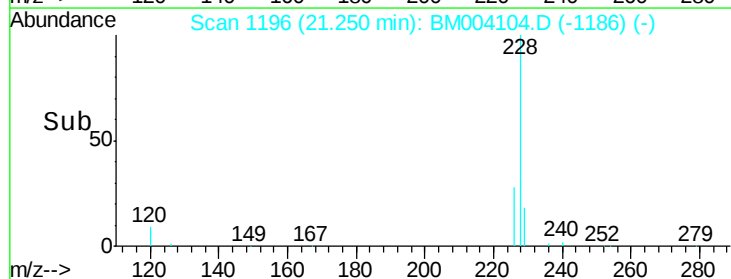
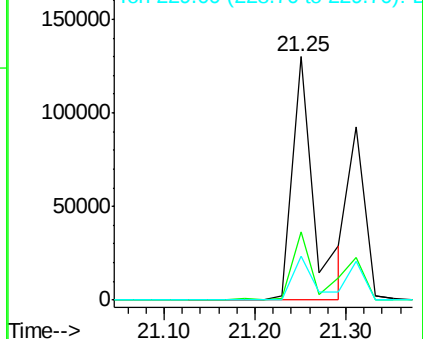
229 17.9 18.7 28.1#

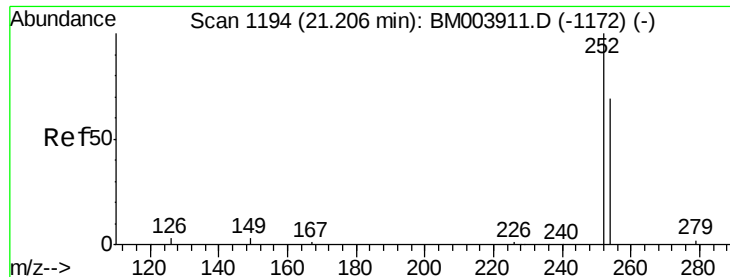


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

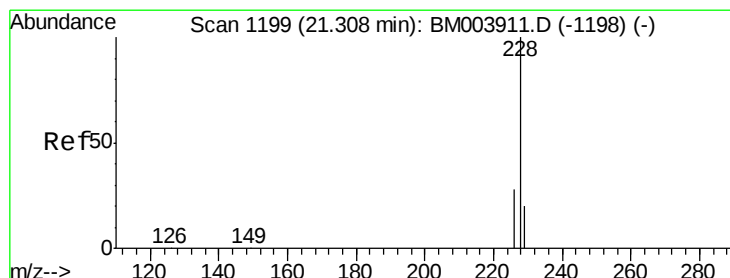
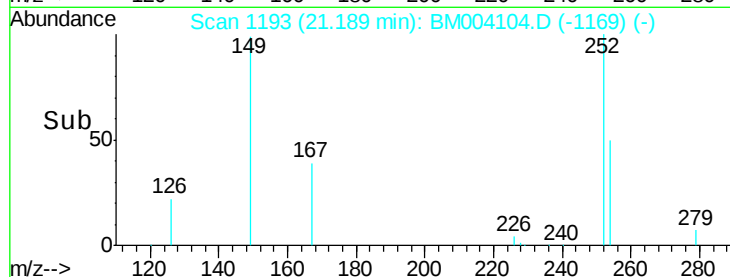
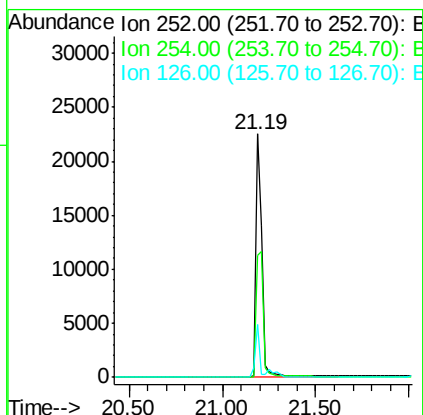
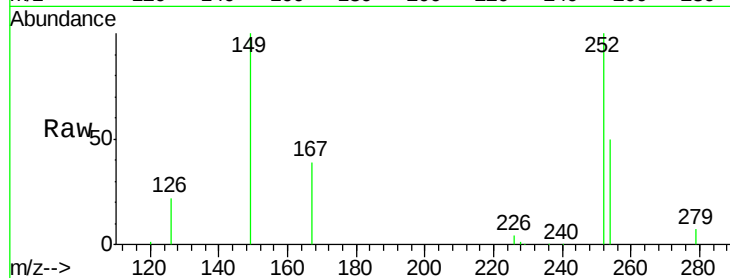




#31  
 3,3'-Dichlorobenzidine  
 Concen: 3.02 ng  
 RT: 21.19 min Scan# 1193  
 Delta R.T. -0.02 min  
 Lab File: BM004104.D  
 Acq: 21 Jan 2016 18:05

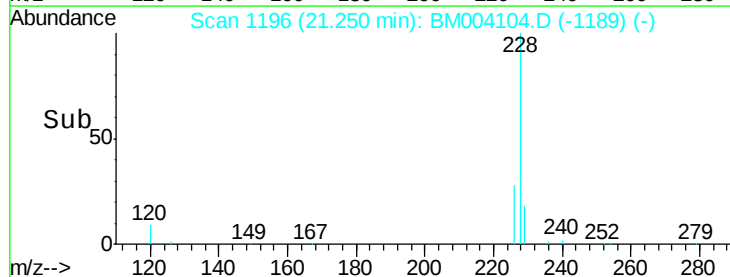
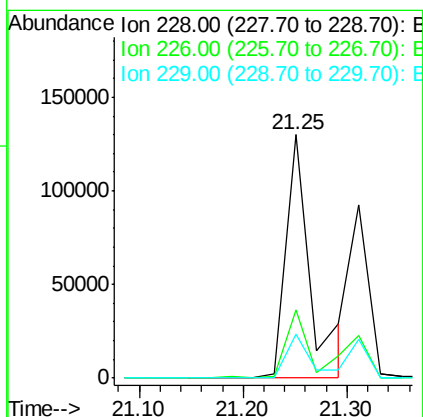
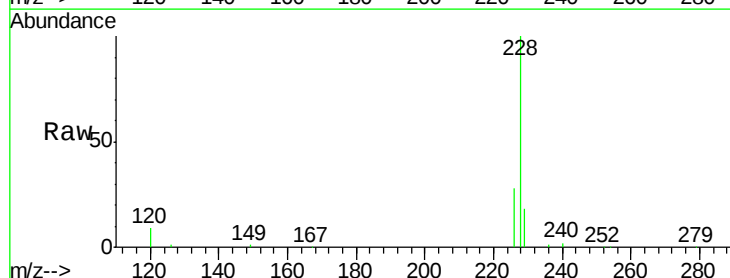
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.5

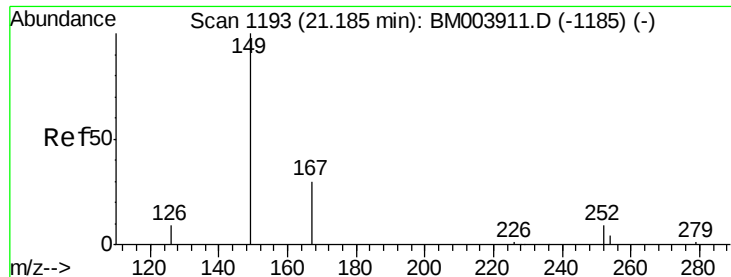
Tgt Ion: 252 Resp: 48978  
 Ion Ratio Lower Upper  
 252 100  
 254 49.9 52.6 79.0#  
 126 21.8 3.7 5.5#



#32  
 Chrysene  
 Concen: 3.91 ng  
 RT: 21.25 min Scan# 1196  
 Delta R.T. -0.06 min  
 Lab File: BM004104.D  
 Acq: 21 Jan 2016 18:05

Tgt Ion: 228 Resp: 216482  
 Ion Ratio Lower Upper  
 228 100  
 226 28.1 25.3 37.9  
 229 17.9 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 2.38 ng

RT: 21.17 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

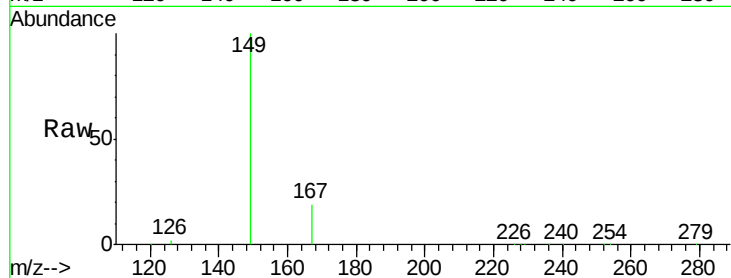
Tgt Ion:149 Resp: 70330

Ion Ratio Lower Upper

149 100

167 0.0 20.1 30.1#

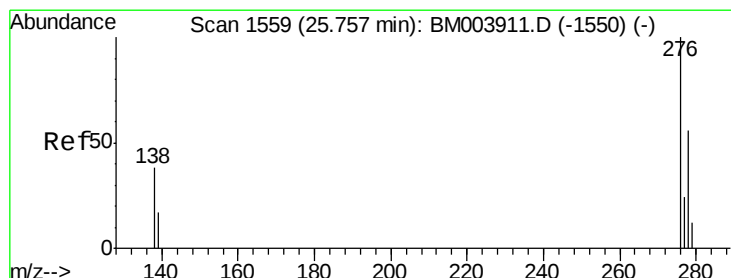
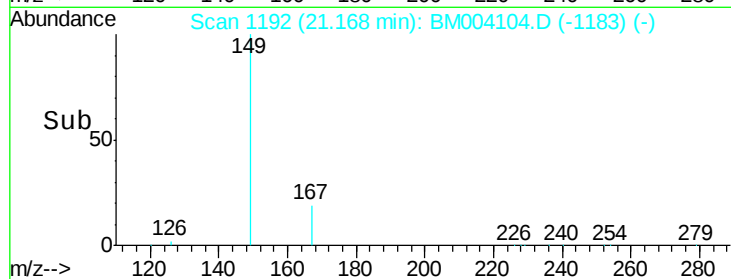
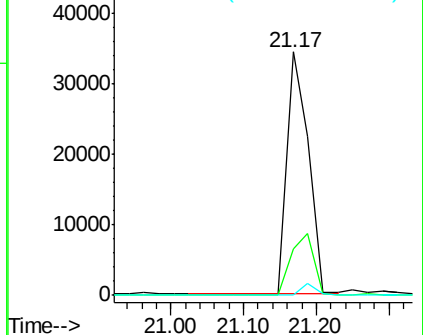
279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 4.53 ng

RT: 25.75 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

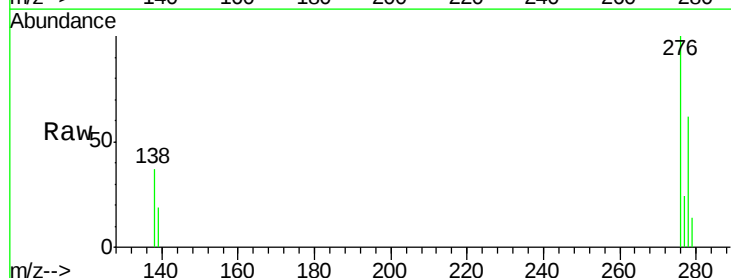
Tgt Ion:276 Resp: 179734

Ion Ratio Lower Upper

276 100

138 37.4 30.2 45.2

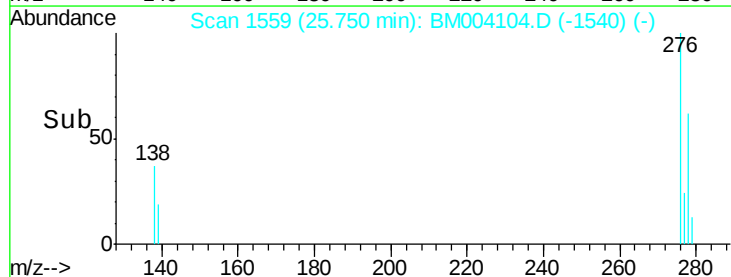
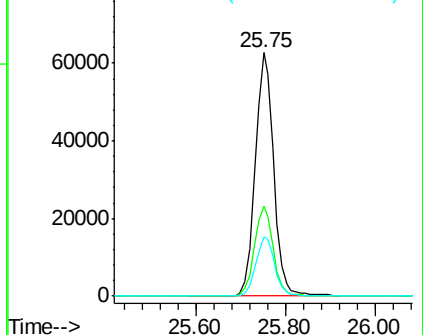
277 24.7 19.8 29.8

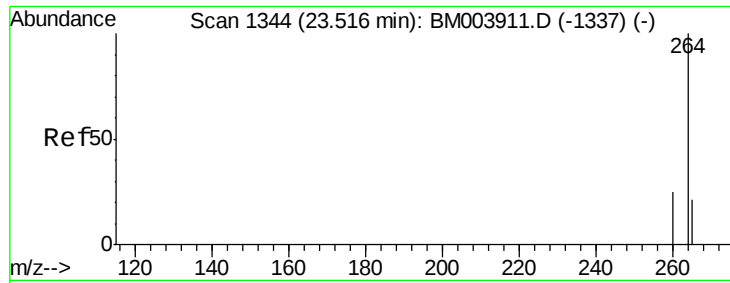


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

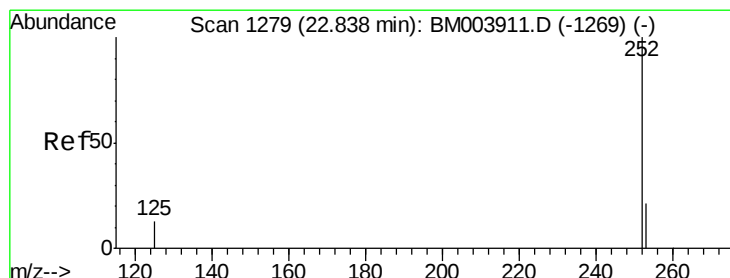
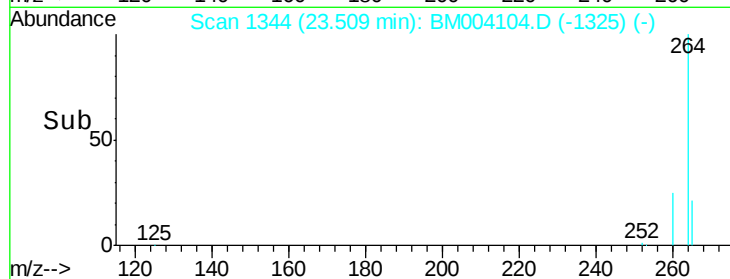
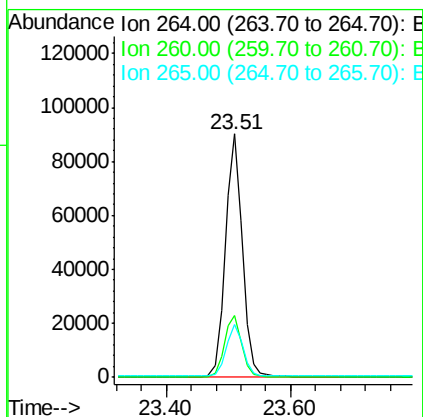
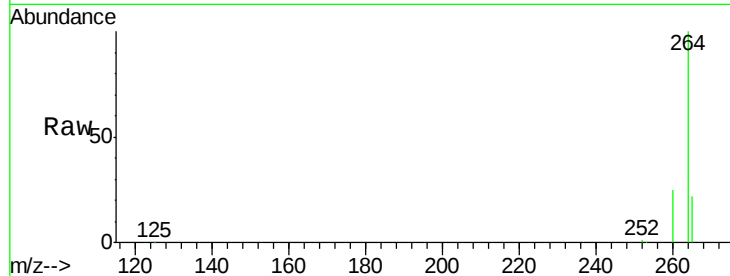




#35  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.51 min Scan# 1344  
 Delta R.T. -0.01 min  
 Lab File: BM004104.D  
 Acq: 21 Jan 2016 18:05

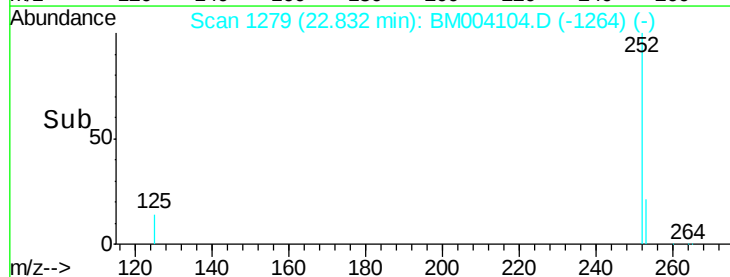
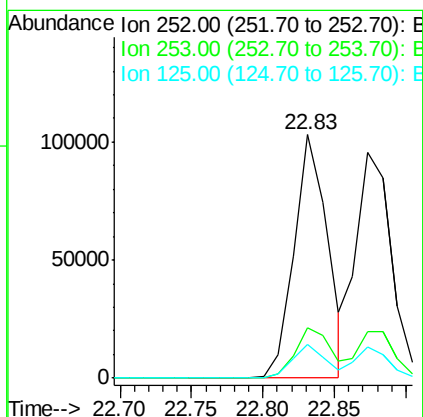
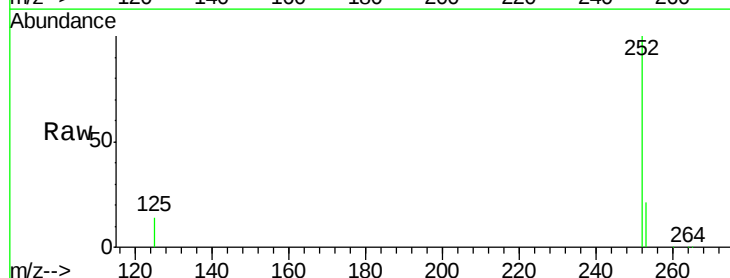
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.5

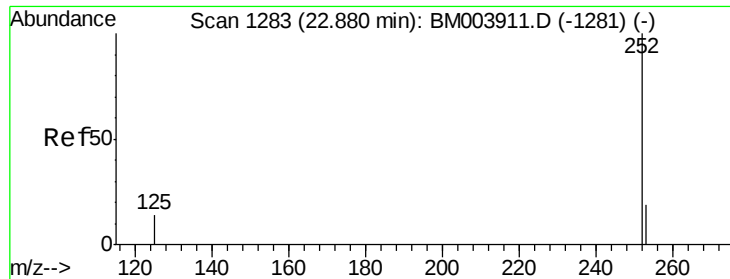
Tgt Ion: 264 Resp: 172020  
 Ion Ratio Lower Upper  
 264 100  
 260 25.4 21.2 31.8  
 265 21.8 16.7 25.1



#36  
 Benzo(b)fluoranthene  
 Concen: 3.19 ng  
 RT: 22.83 min Scan# 1279  
 Delta R.T. -0.01 min  
 Lab File: BM004104.D  
 Acq: 21 Jan 2016 18:05

Tgt Ion: 252 Resp: 167457  
 Ion Ratio Lower Upper  
 252 100  
 253 20.9 18.8 28.2  
 125 13.6 10.2 15.4

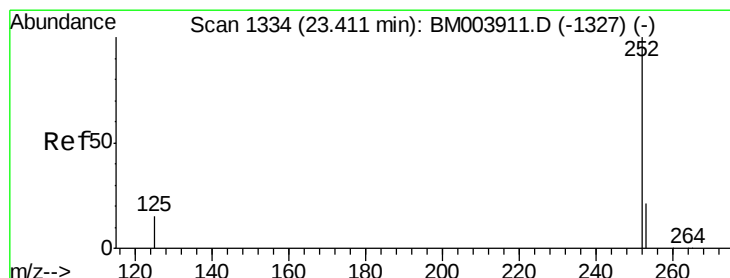
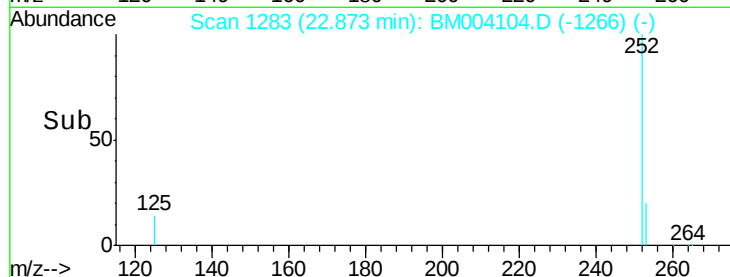
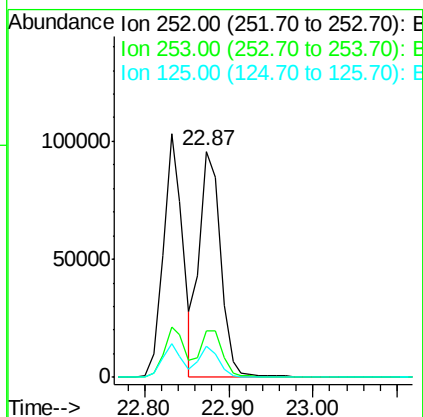
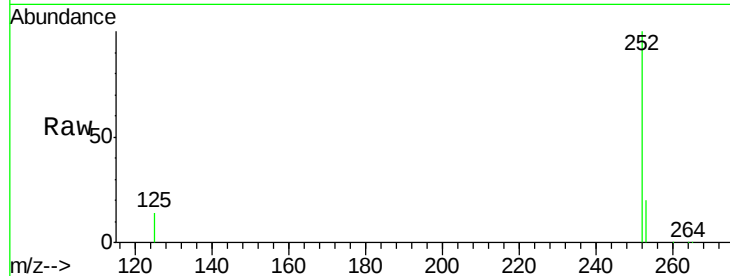




#37  
Benzo(k)fluoranthene  
Concen: 3.25 ng  
RT: 22.87 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

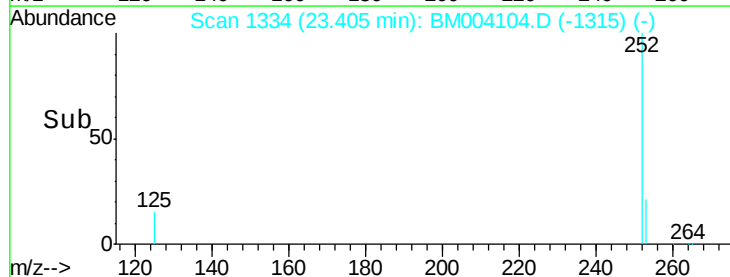
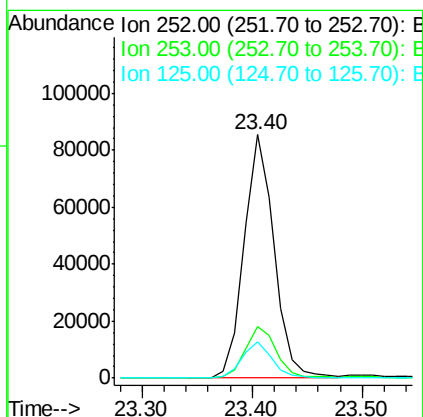
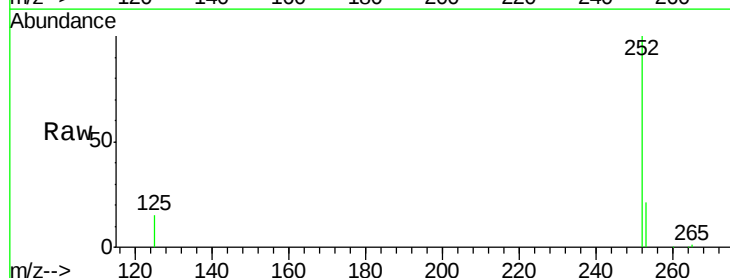
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.5

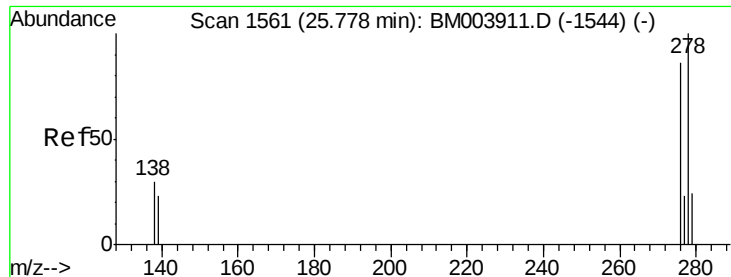
Tgt Ion: 252 Resp: 165286  
Ion Ratio Lower Upper  
252 100  
253 20.5 18.3 27.5  
125 13.9 10.6 15.8



#38  
Benzo(a)pyrene  
Concen: 3.58 ng  
RT: 23.40 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BM004104.D  
Acq: 21 Jan 2016 18:05

Tgt Ion: 252 Resp: 160342  
Ion Ratio Lower Upper  
252 100  
253 21.2 18.7 28.1  
125 14.8 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 3.77 ng

RT: 25.76 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.5

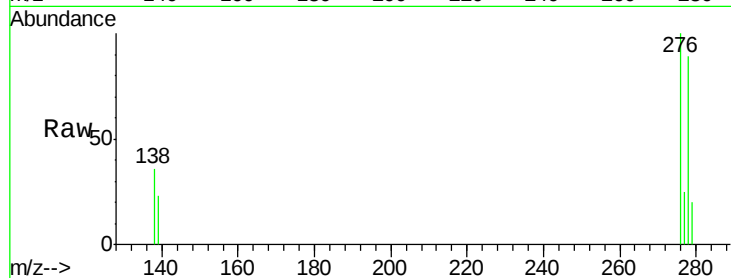
Tgt Ion: 278 Resp: 144062

Ion Ratio Lower Upper

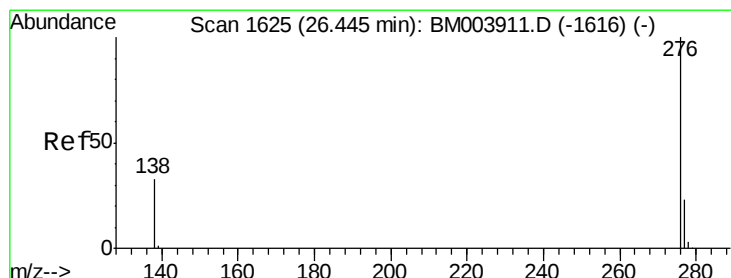
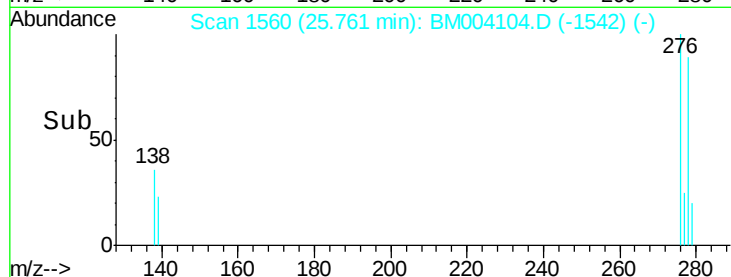
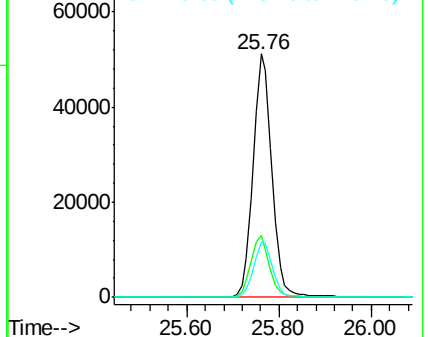
278 100

139 25.6 19.0 28.6

279 22.9 19.6 29.4



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



#40

Benzo(g,h,i)perylene

Concen: 3.76 ng

RT: 26.44 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM004104.D

Acq: 21 Jan 2016 18:05

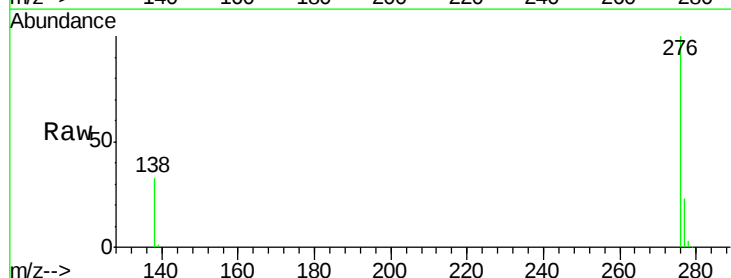
Tgt Ion: 276 Resp: 151941

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 32.7 25.0 37.4



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

