

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101615\
 Data File : BM002937.D
 Acq On : 16 Oct 2015 16:42
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Oct 16 23:25:32 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 22:59:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	101174	5.00	ng	0.00
7) Naphthalene-d8	11.49	136	422016	5.00	ng	0.00
13) Acenaphthene-d10	15.23	164	219000	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	539338	5.00	ng	0.00
26) Chrysene-d12	22.03	240	395755	5.00	ng	0.00
35) Perylene-d12	24.60	264	327998	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.13	112	19787	1.05	ng	-0.02
5) Phenol-d6	7.79	99	26196	1.08	ng	0.00
8) Nitrobenzene-d5	9.86	82	21295	1.05	ng	0.00
14) 2,4,6-Tribromophenol	16.71	330	7692	1.03	ng	0.00
15) 2-Fluorobiphenyl	13.87	172	70038	1.00	ng	0.00
29) Terphenyl-d14	20.48	244	65698	1.11	ng	0.00

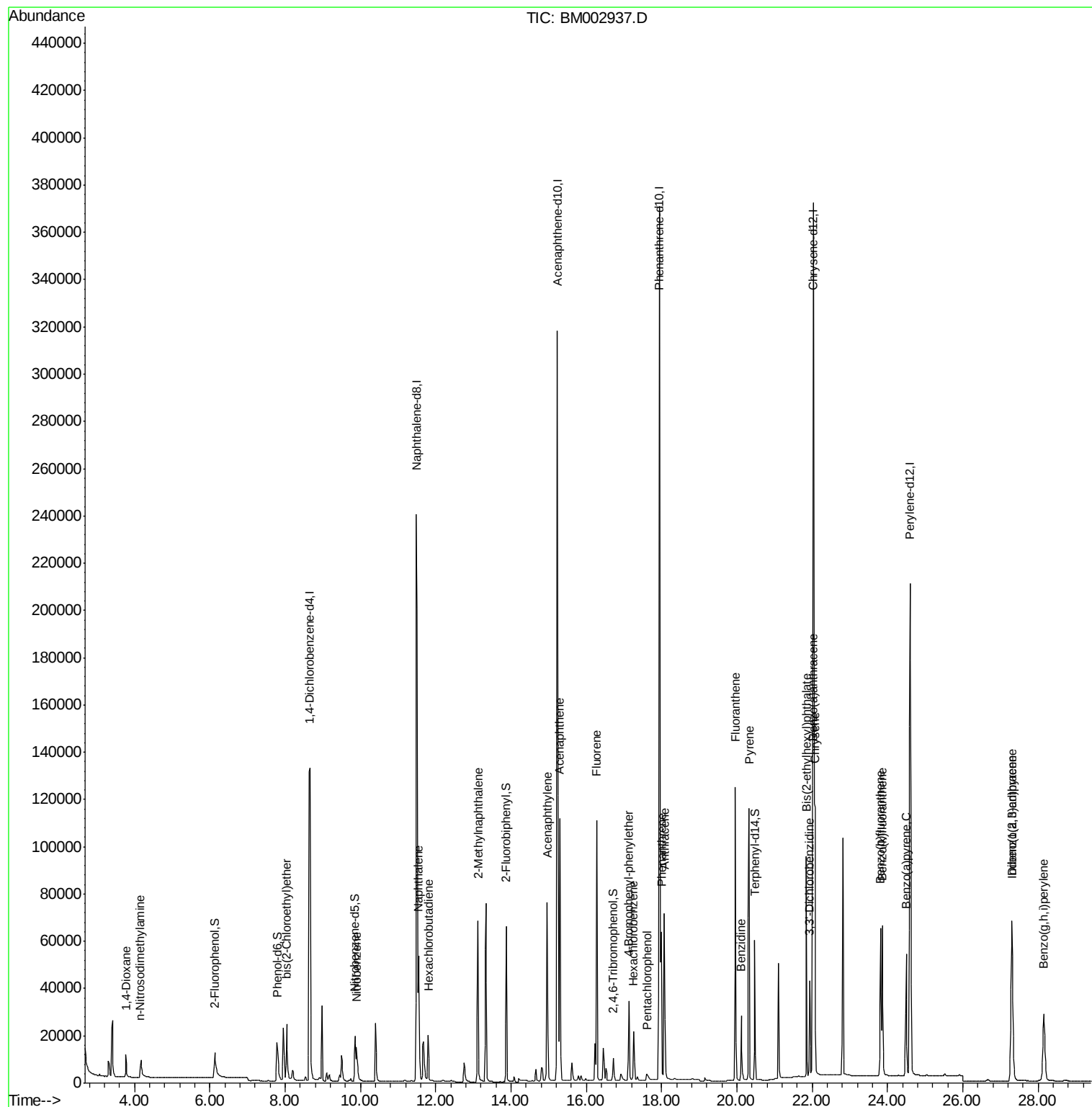
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	8686	0.94	ng	99
3) n-Nitrosodimethylamine	4.16	42	7701	1.07	ng	# 98
6) bis(2-Chloroethyl)ether	8.04	93	23748	1.03	ng	99
9) Nitrobenzene	9.90	77	22656	1.06	ng	100
10) Naphthalene	11.54	128	90258	0.96	ng	96
11) Hexachlorobutadiene	11.80	225	14740	0.98	ng	100
12) 2-Methylnaphthalene	13.12	142	62074	0.98	ng	96
16) Acenaphthylene	14.96	152	101114	1.06	ng	99
17) Acenaphthene	15.29	154	64180	0.98	ng	# 100
18) Fluorene	16.27	166	78627	1.00	ng	98
20) 4-Bromophenyl-phenylether	17.13	248	22840	1.02	ng	# 53
21) Hexachlorobenzene	17.25	284	22112	1.05	ng	# 79
22) Pentachlorophenol	17.61	266	3742m	1.69	ng	
23) Phenanthrene	18.00	178	111084	0.88	ng	99
24) Anthracene	18.07	178	111648	0.93	ng	97
25) Fluoranthene	19.96	202	130493	0.94	ng	100
27) Benzidine	20.12	184	39583	0.82	ng	96
28) Pyrene	20.32	202	132693	1.14	ng	100
30) Benzo(a)anthracene	22.01	228	119265	1.04	ng	# 91
31) 3,3'-Dichlorobenzidine	21.93	252	41863	1.08	ng	# 87
32) Chrysene	22.07	228	107278	1.00	ng	93
33) Bis(2-ethylhexyl)phthalate	21.85	149	97552	1.34	ng	# 91
34) Indeno(1,2,3-cd)pyrene	27.31	276	87950	0.80	ng	98
36) Benzo(b)fluoranthene	23.82	252	98976	1.05	ng	98
37) Benzo(k)fluoranthene	23.86	252	93747	1.02	ng	98
38) Benzo(a)pyrene	24.50	252	85468	1.03	ng	99
39) Dibenzo(a,h)anthracene	27.30	278	70183	0.88	ng	98
40) Benzo(g,h,i)perylene	28.16	276	70855	0.85	ng	97

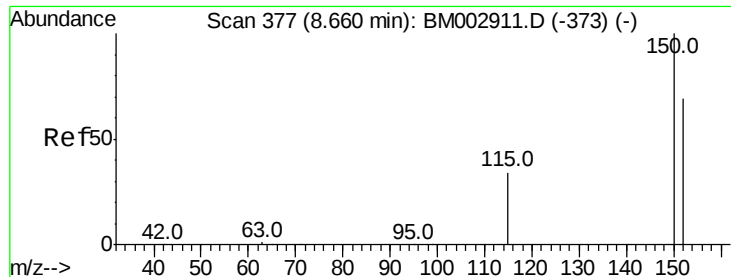
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101615\
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Quant Time: Oct 16 23:25:32 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 22:59:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

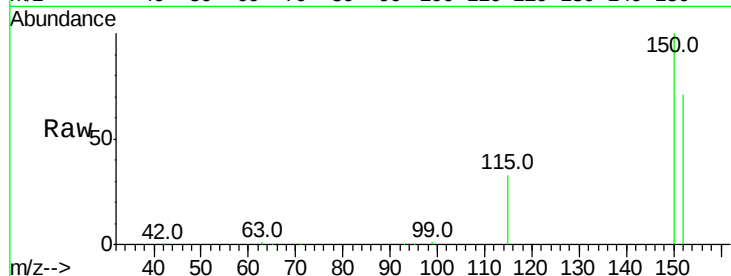
Tot Ion:152 Resp: 101174

Ion Ratio Lower Upper

152 100

150 141.0 113.0 169.6

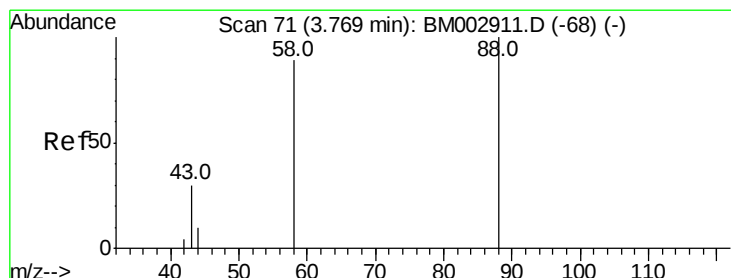
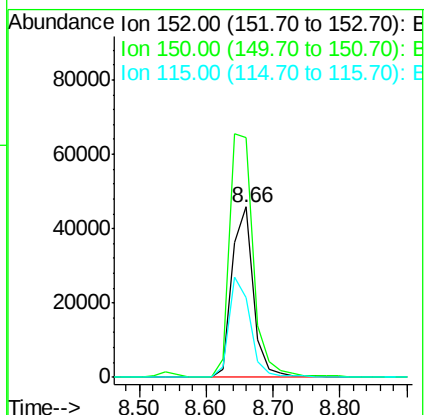
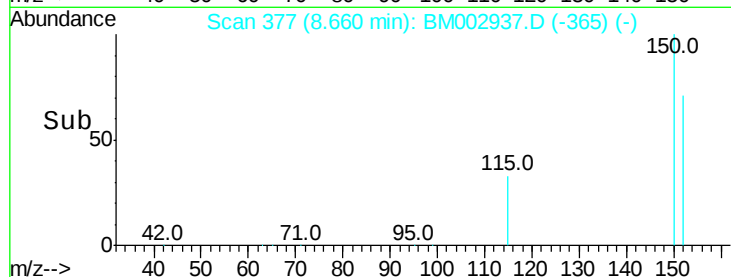
115 47.0 37.9 56.9



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: 0.94 ng

RT: 3.77 min Scan# 71

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

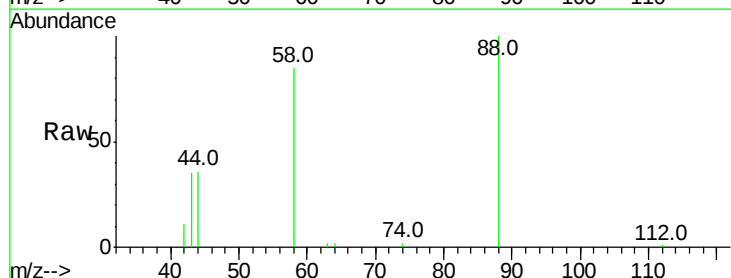
Tgt Ion: 88 Resp: 8686

Ion Ratio Lower Upper

88 100

58 71.3 56.7 85.1

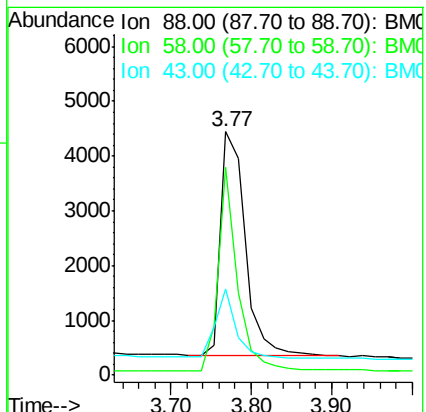
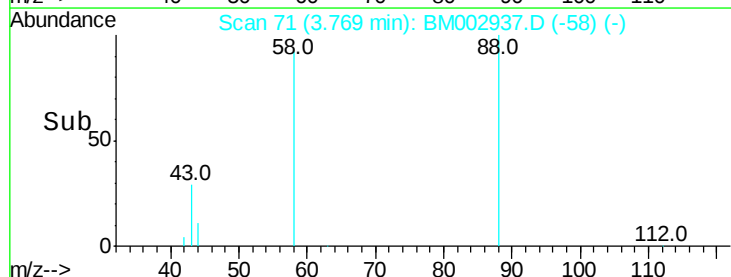
43 26.4 22.0 33.0

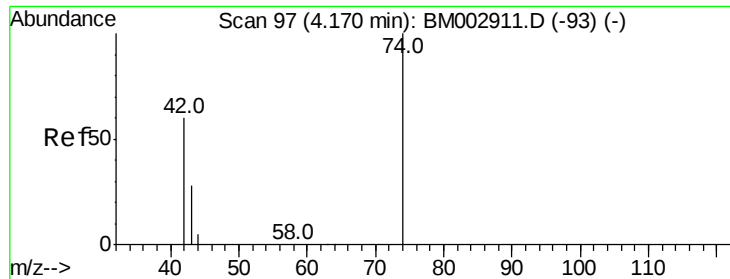


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



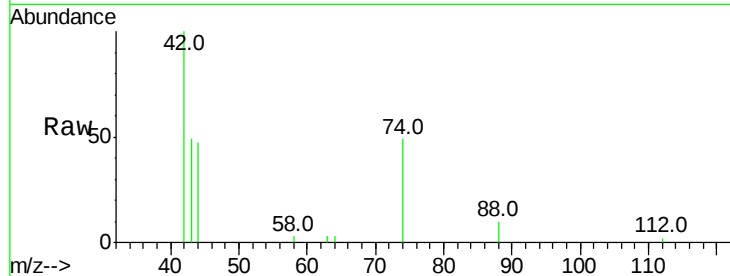


#3

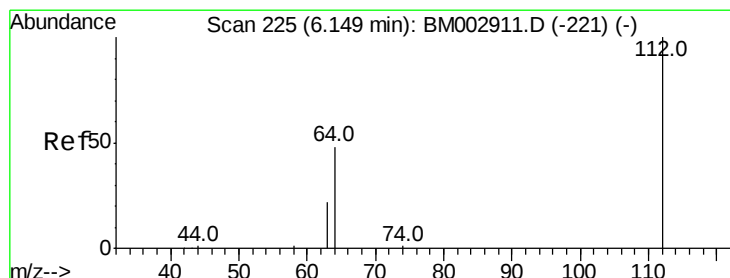
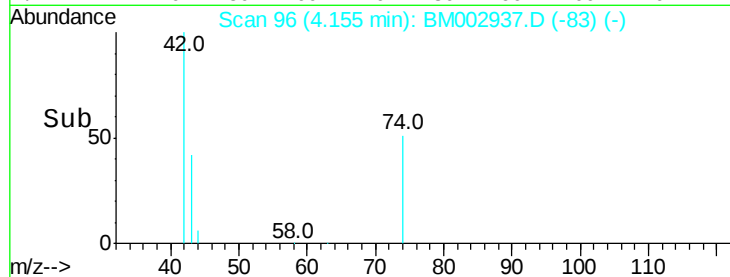
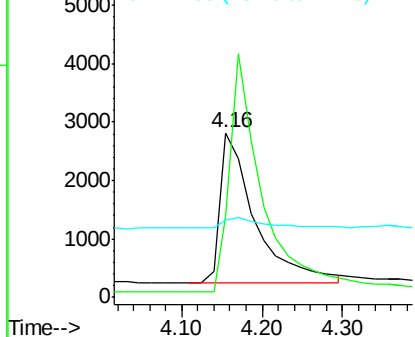
n-Nitrosodimethylamine
 Concen: 1.07 ng
 RT: 4.16 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM002937.D
 Acq: 16 Oct 2015 16:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion: 42 Resp: 7701
 Ion Ratio Lower Upper
 42 100
 74 148.3 119.7 179.5
 44 7.8 9.8 14.6#



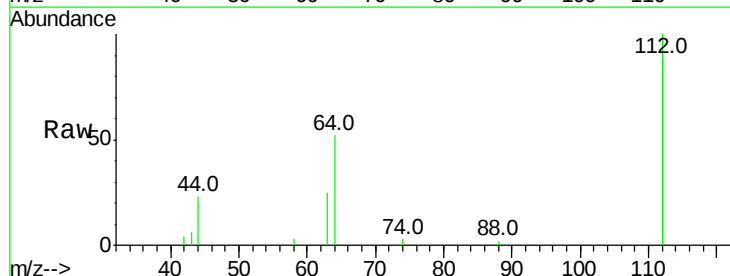
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



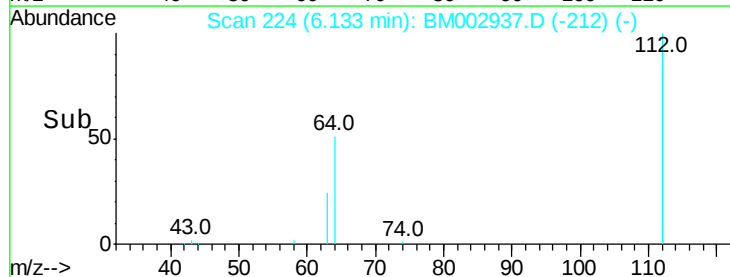
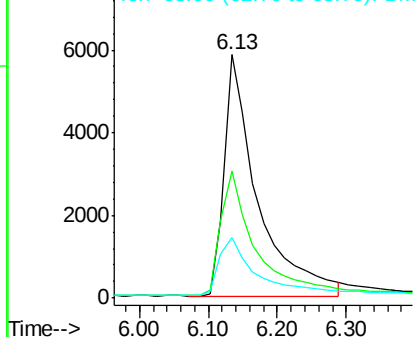
#4

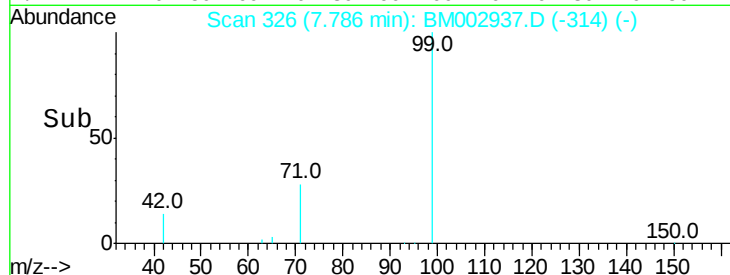
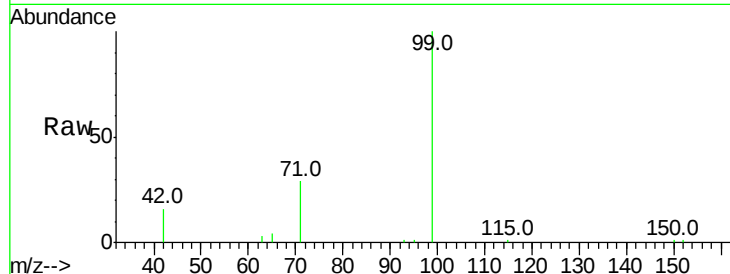
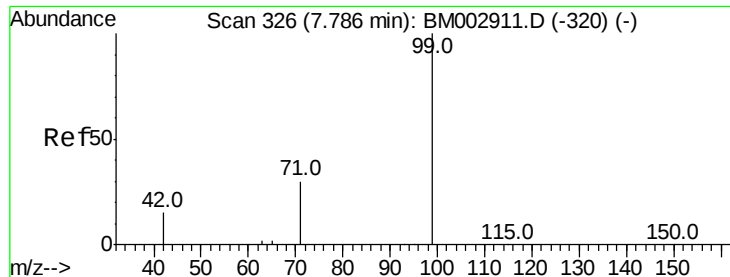
2-Fluorophenol
 Concen: 1.05 ng
 RT: 6.13 min Scan# 224
 Delta R.T. -0.02 min
 Lab File: BM002937.D
 Acq: 16 Oct 2015 16:42

Tgt Ion: 112 Resp: 19787
 Ion Ratio Lower Upper
 112 100
 64 52.1 42.0 63.0
 63 25.8 20.0 30.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.08 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

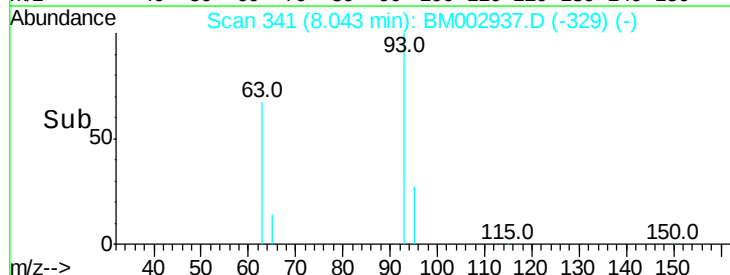
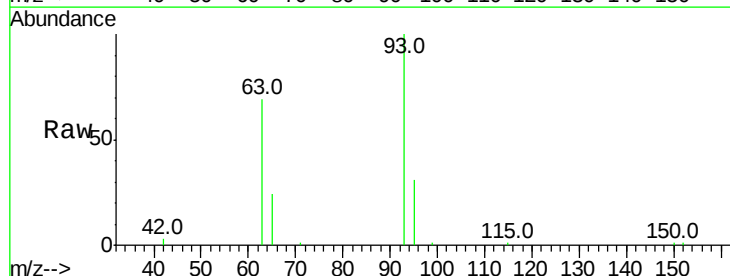
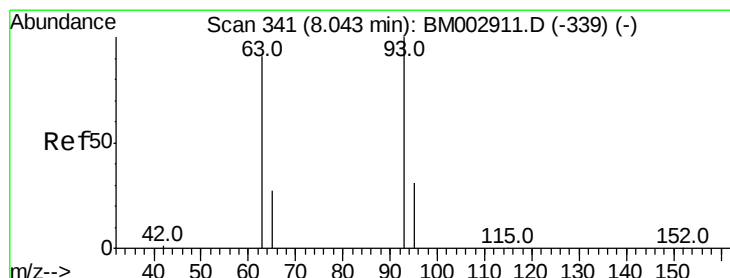
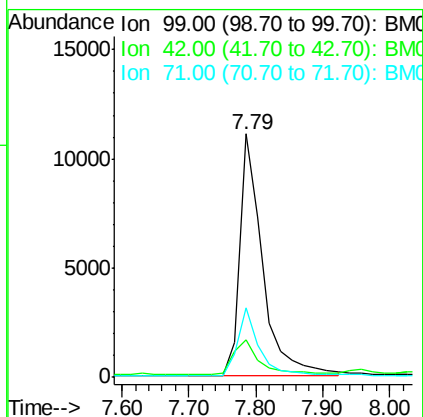
Tot Ion: 99 Resp: 26196

Ion Ratio Lower Upper

99 100

42 15.8 12.4 18.6

71 26.9 21.4 32.0



#6

bis(2-Chloroethyl)ether

Concen: 1.03 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

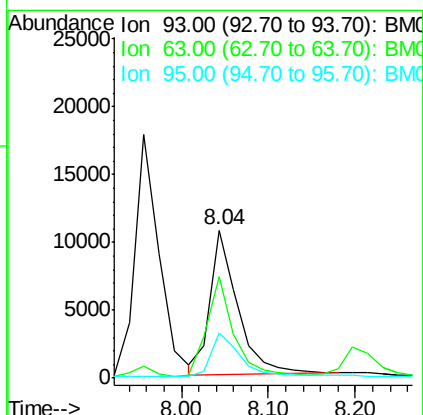
Tgt Ion: 93 Resp: 23748

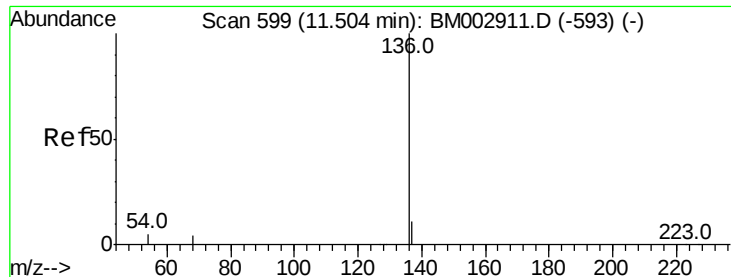
Ion Ratio Lower Upper

93 100

63 66.6 52.9 79.3

95 31.4 25.2 37.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.49 min Scan# 599

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion:136 Resp: 422016

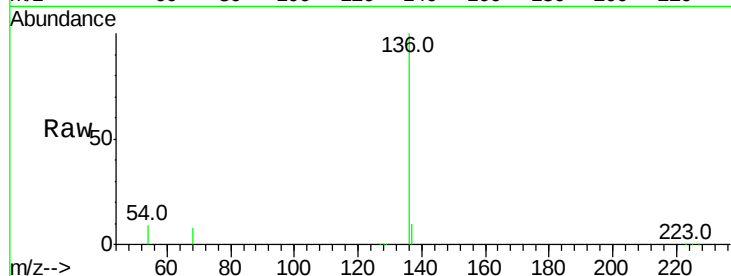
Ion Ratio Lower Upper

136 100

137 10.0 9.1 13.7

54 9.4 3.5 5.3#

68 7.7 3.3 4.9#



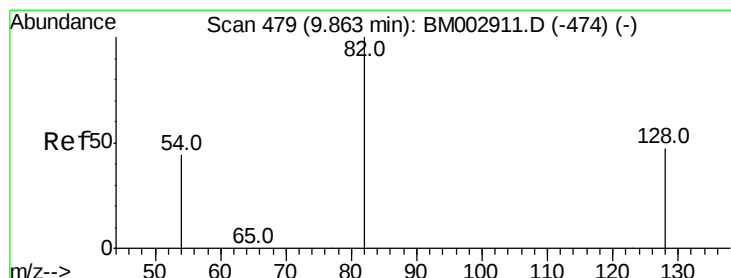
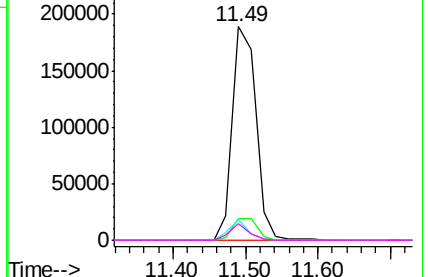
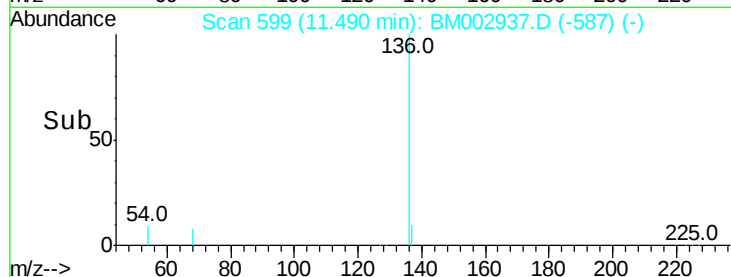
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 1.05 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

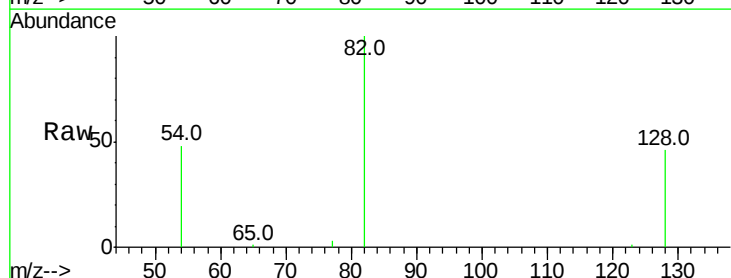
Tgt Ion: 82 Resp: 21295

Ion Ratio Lower Upper

82 100

128 46.0 34.1 51.1

54 48.2 42.6 63.8

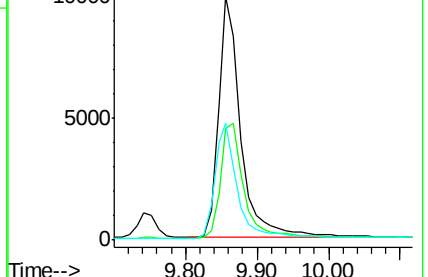
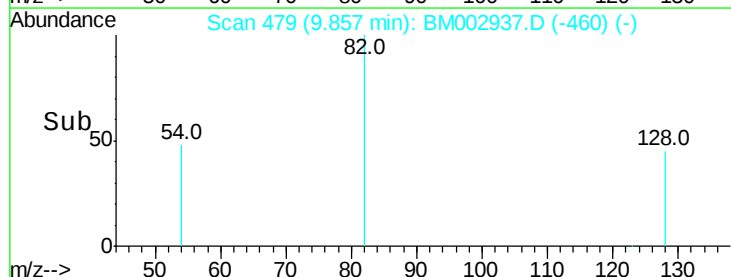


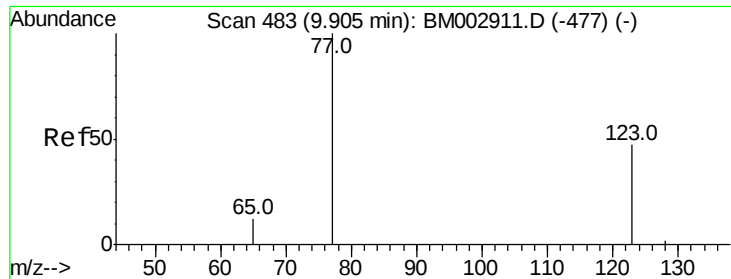
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

Time-->





#9

Nitrobenzene

Concen: 1.06 ng

RT: 9.90 min Scan# 483

Delta R.T. -0.01 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

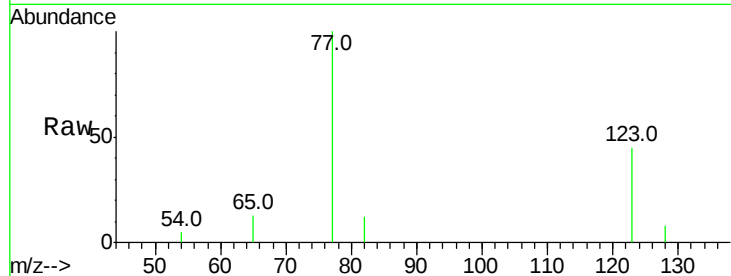
Tot Ion: 77 Resp: 22656

Ion Ratio Lower Upper

77 100

123 51.5 41.0 61.4

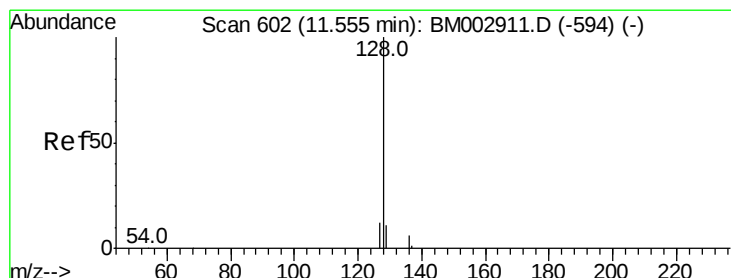
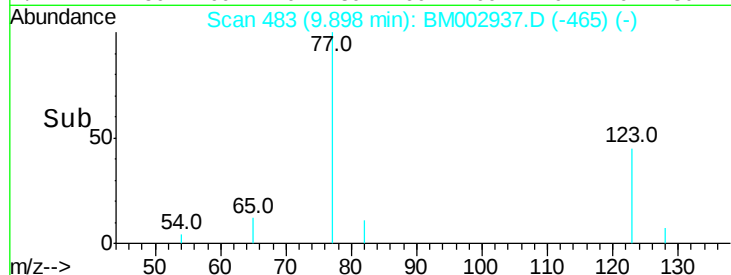
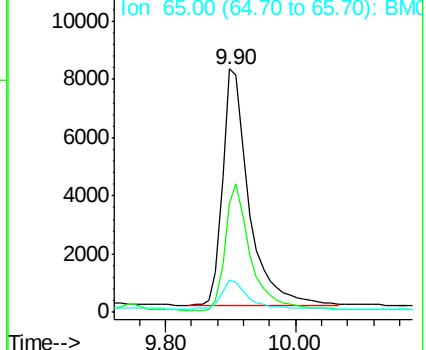
65 12.0 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002937.D (-465) (-)

Ion 123.00 (122.70 to 123.70): BM002937.D (-465) (-)

Ion 65.00 (64.70 to 65.70): BM002937.D (-465) (-)



#10

Naphthalene

Concen: 0.96 ng

RT: 11.54 min Scan# 602

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

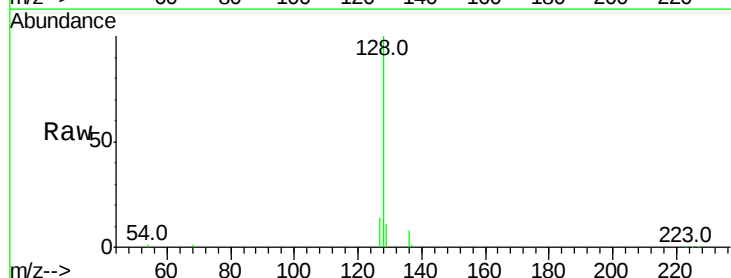
Tgt Ion: 128 Resp: 90258

Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.2

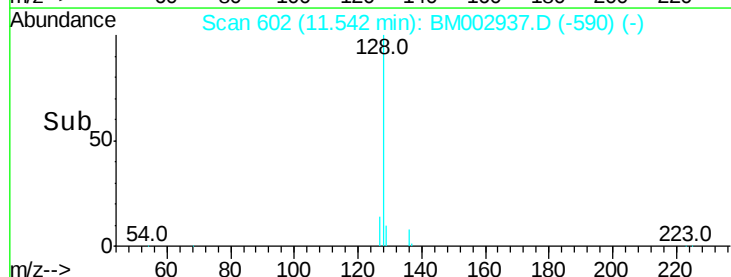
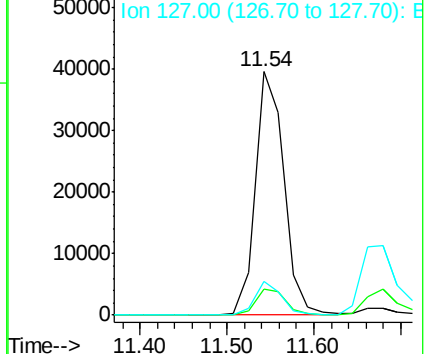
127 13.7 9.6 14.4

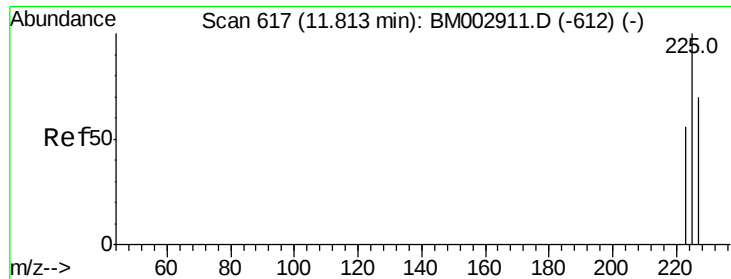


Abundance Ion 128.00 (127.70 to 128.70): BM002937.D (-590) (-)

Ion 129.00 (128.70 to 129.70): BM002937.D (-590) (-)

Ion 127.00 (126.70 to 127.70): BM002937.D (-590) (-)

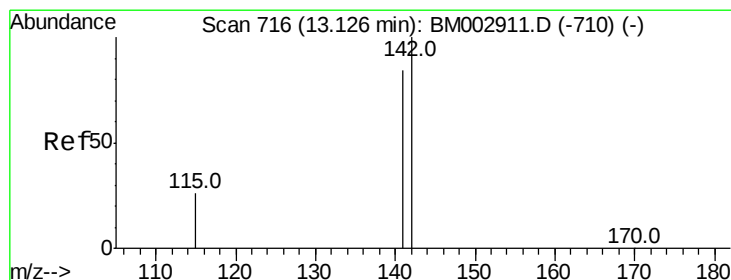
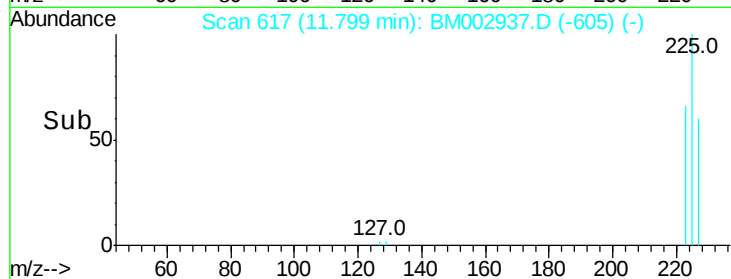
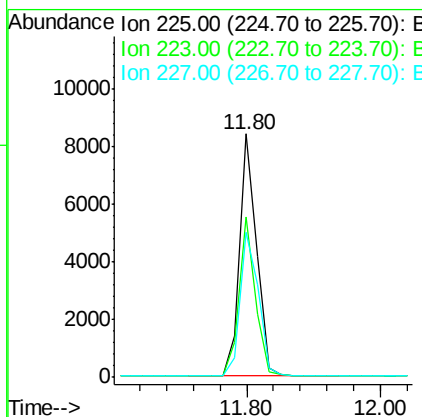
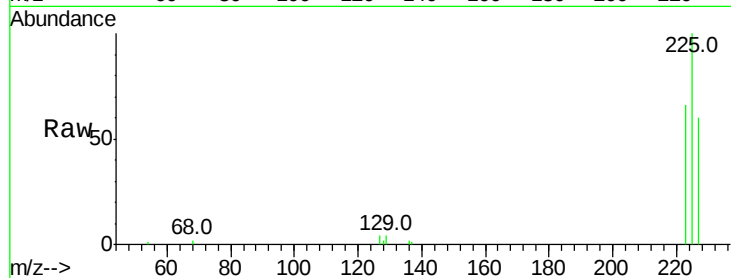




#11
Hexachlorobutadiene
Concen: 0.98 ng
RT: 11.80 min Scan# 617
Delta R.T. -0.00 min
Lab File: BM002937.D
Acq: 16 Oct 2015 16:42

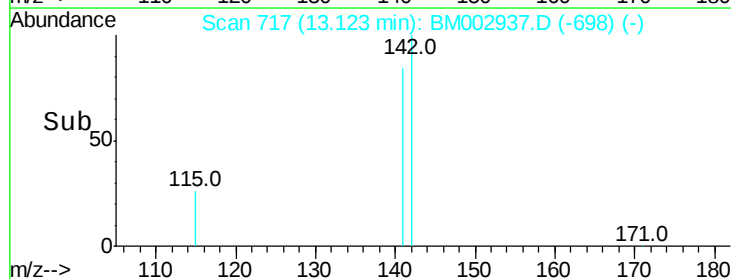
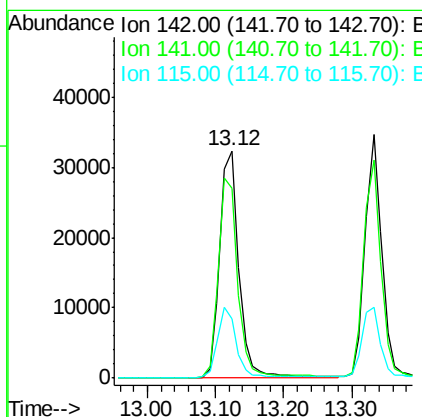
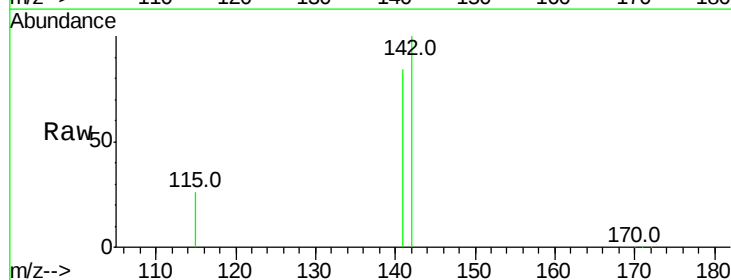
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

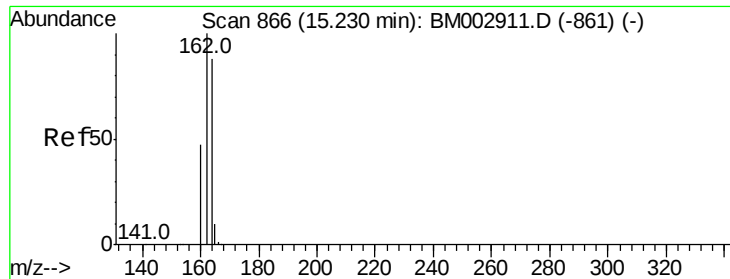
Tot Ion:225 Resp: 14740
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 63.7 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.98 ng
RT: 13.12 min Scan# 717
Delta R.T. -0.00 min
Lab File: BM002937.D
Acq: 16 Oct 2015 16:42

Tgt Ion:142 Resp: 62074
Ion Ratio Lower Upper
142 100
141 83.6 69.4 104.0
115 26.1 22.7 34.1





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.23 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

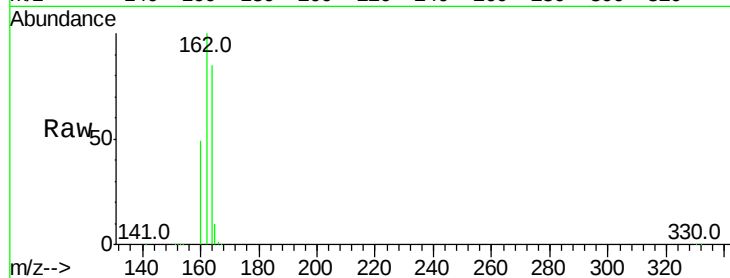
Tot Ion:164 Resp: 219000

Ion Ratio Lower Upper

164 100

162 117.0 79.6 119.4

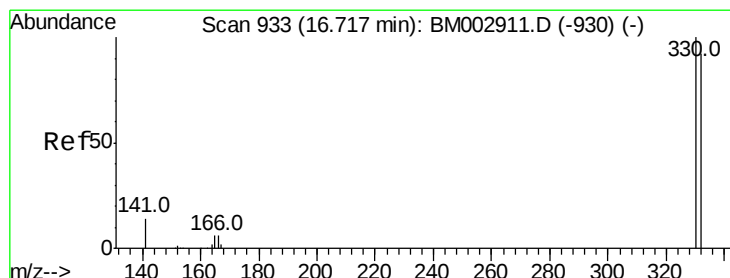
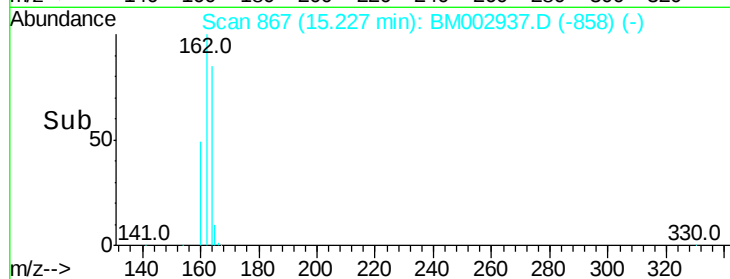
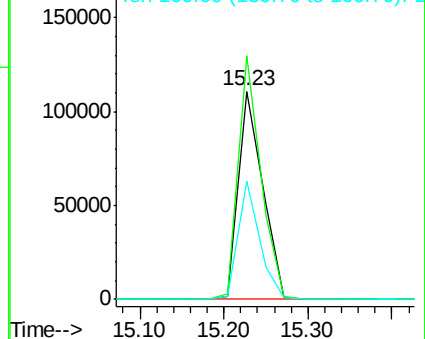
160 56.9 33.1 49.7#



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: 1.03 ng

RT: 16.71 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

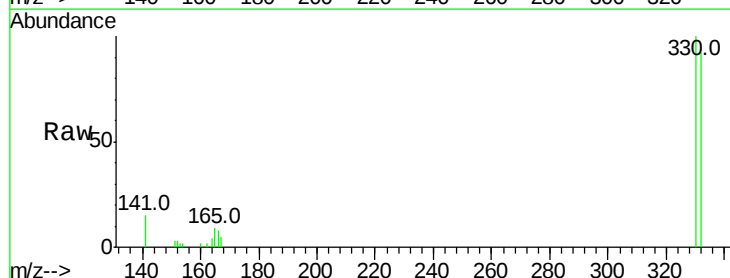
Tgt Ion:330 Resp: 7692

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

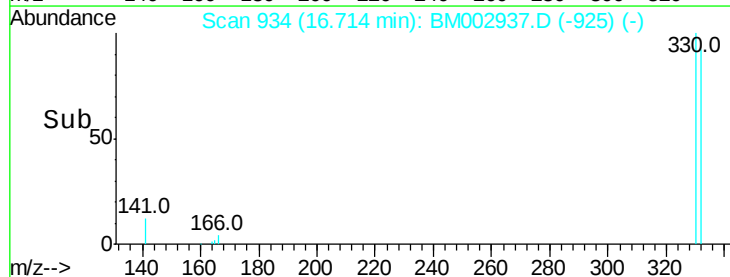
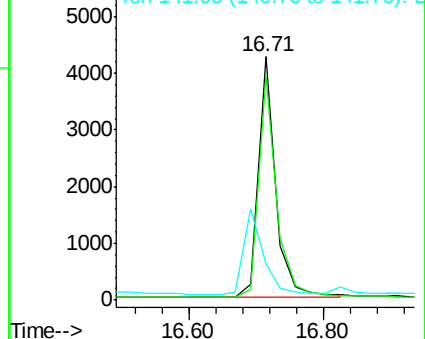
141 0.0 0.0 0.0

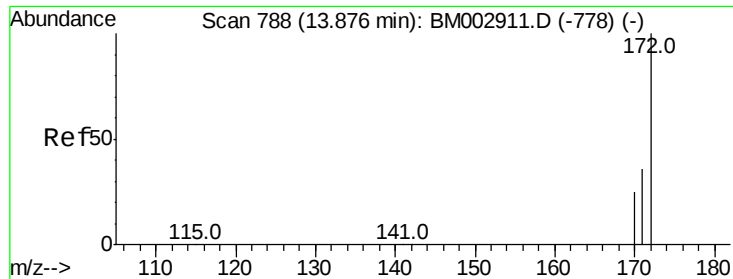


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

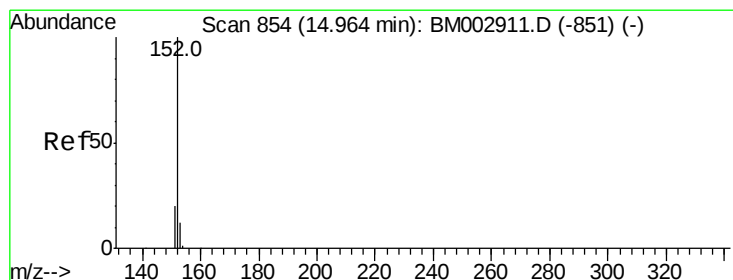
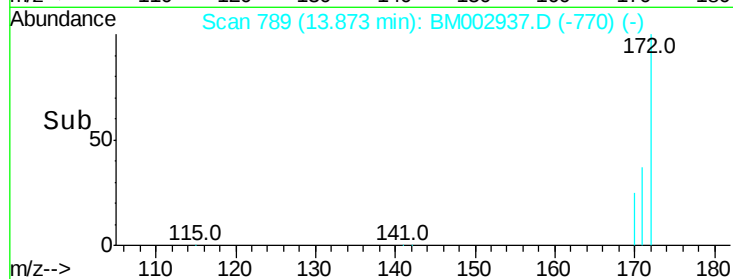
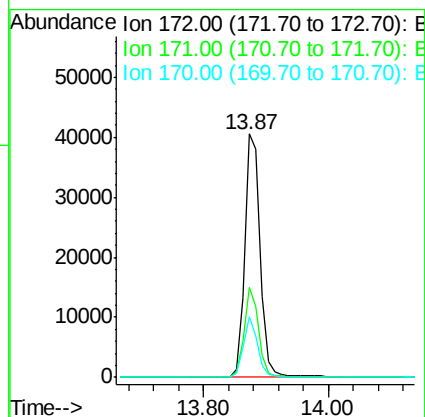
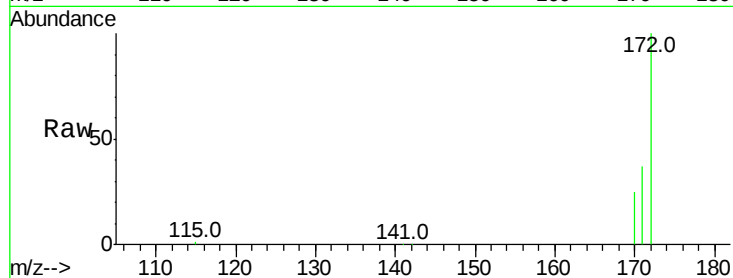




#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 13.87 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM002937.D
Acq: 16 Oct 2015 16:42

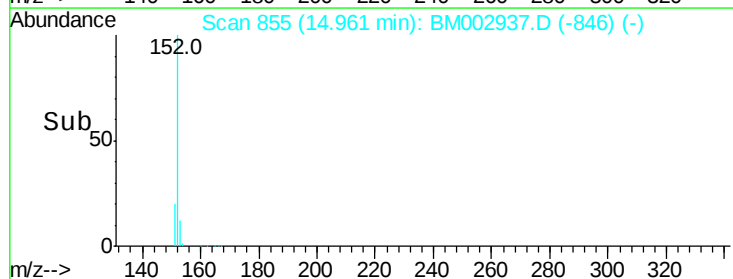
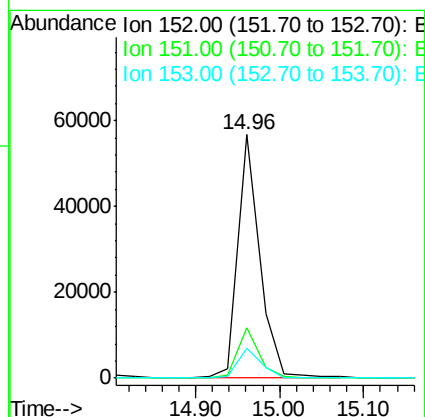
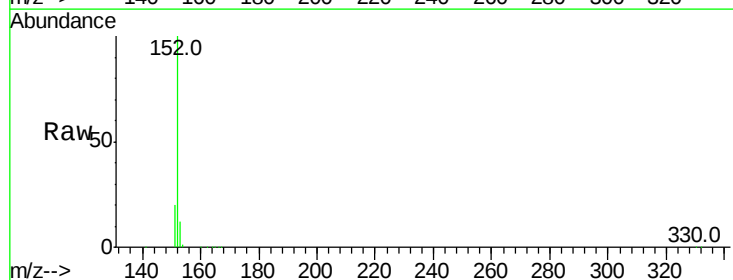
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

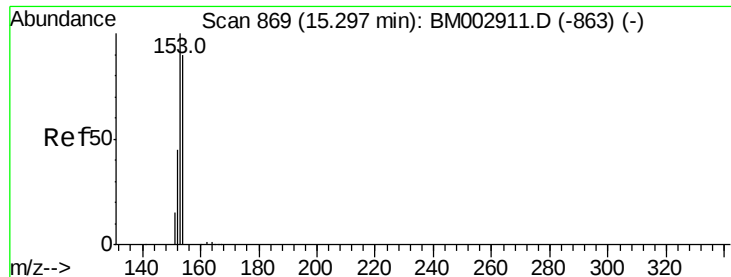
Tot Ion:172 Resp: 70038
Ion Ratio Lower Upper
172 100
171 36.9 26.1 39.1
170 25.0 15.7 23.5#



#16
Acenaphthylene
Concen: 1.06 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002937.D
Acq: 16 Oct 2015 16:42

Tgt Ion:152 Resp: 101114
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.98 ng

RT: 15.29 min Scan# 870

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

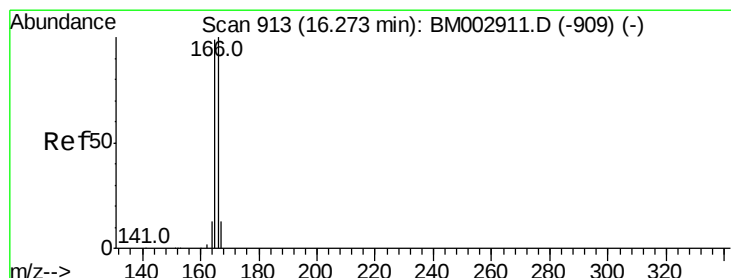
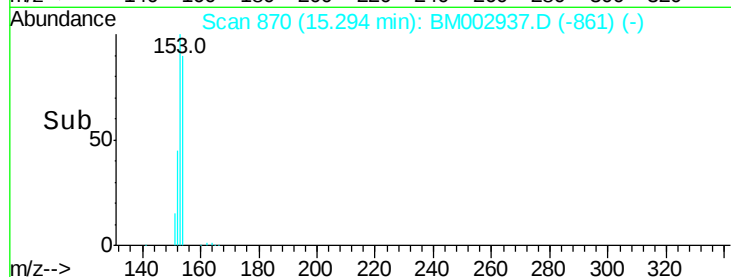
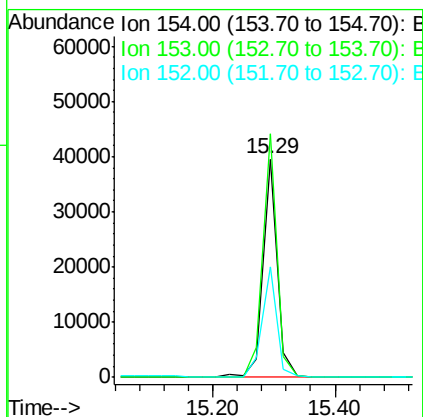
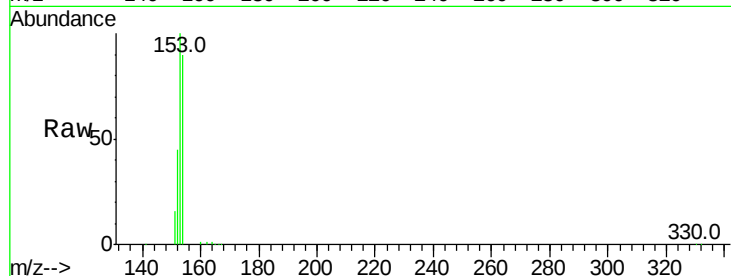
Tot Ion:154 Resp: 64180

Ion Ratio Lower Upper

154 100

153 110.9 0.0 0.0#

152 51.3 0.0 0.0#



#18

Fluorene

Concen: 1.00 ng

RT: 16.27 min Scan# 914

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

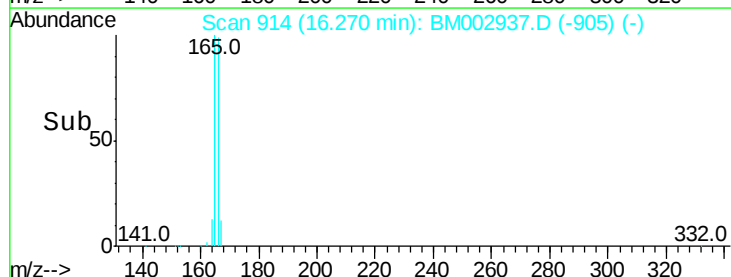
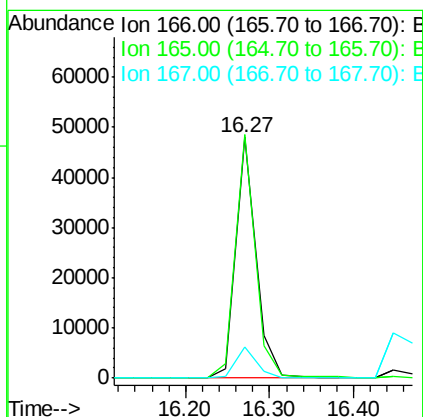
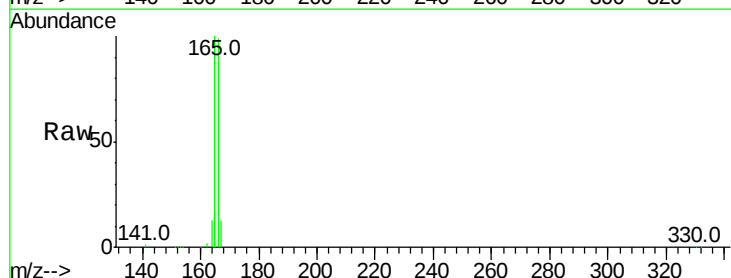
Tgt Ion:166 Resp: 78627

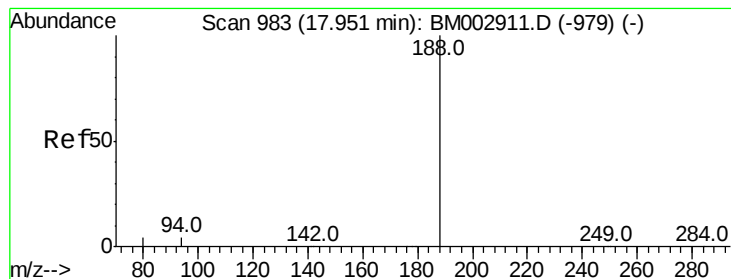
Ion Ratio Lower Upper

166 100

165 98.9 77.3 115.9

167 13.1 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

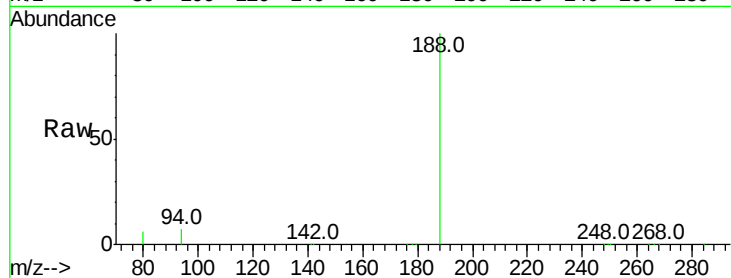
Tot Ion:188 Resp: 539338

Ion Ratio Lower Upper

188 100

94 6.8 15.2 22.8#

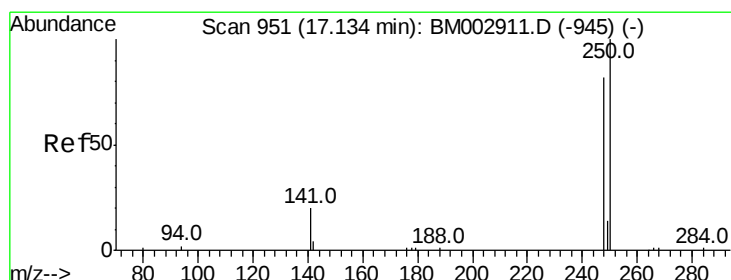
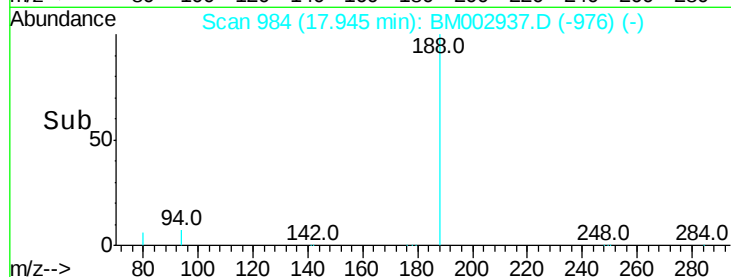
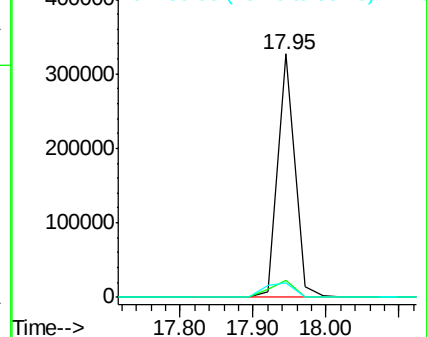
80 6.1 15.9 23.9#



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



#20

4-Bromophenyl-phenylether

Concen: 1.02 ng

RT: 17.13 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

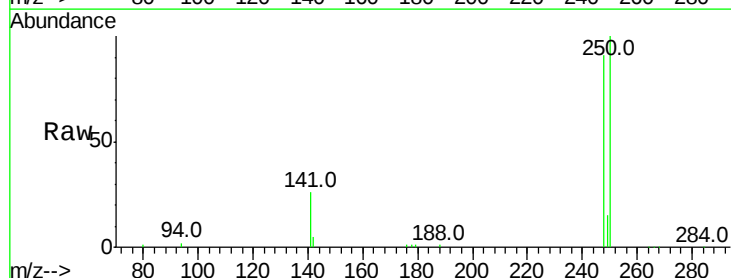
Tgt Ion:248 Resp: 22840

Ion Ratio Lower Upper

248 100

250 105.8 71.4 107.2

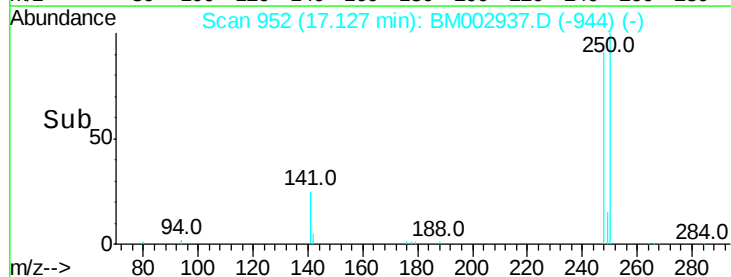
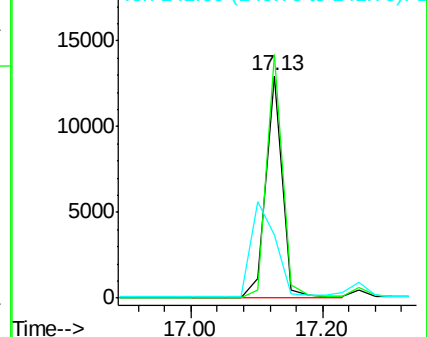
141 0.0 54.6 82.0#

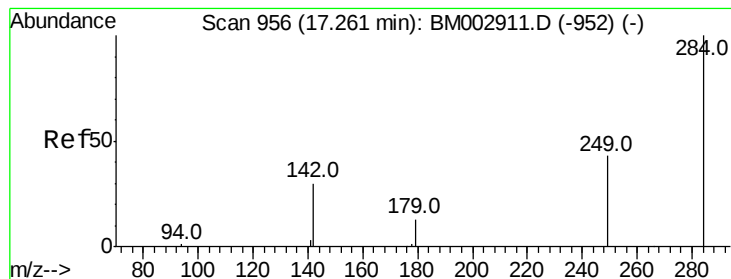


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.05 ng

RT: 17.25 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

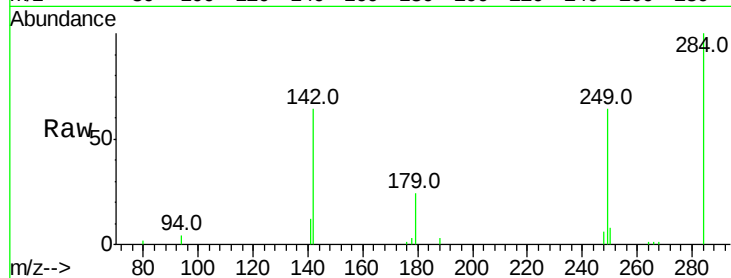
Tot Ion:284 Resp: 22112

Ion Ratio Lower Upper

284 100

142 39.1 0.0 0.0#

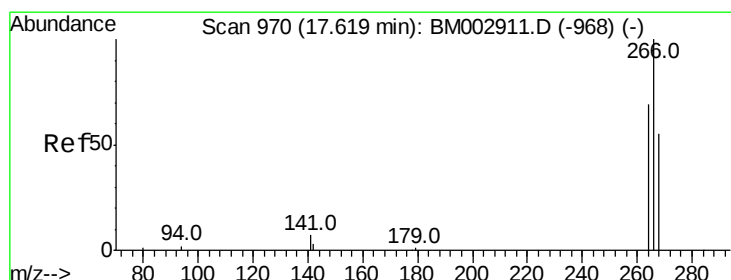
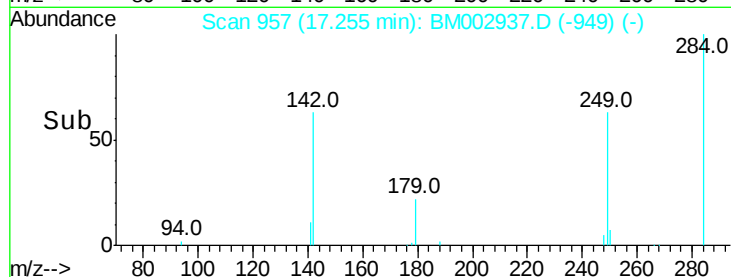
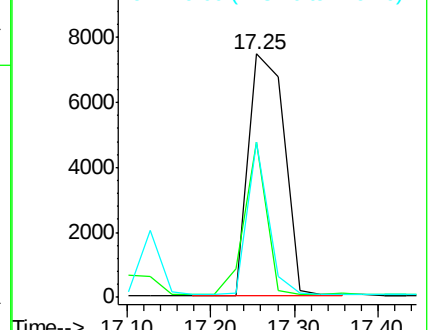
249 36.8 20.7 31.1#



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



#22

Pentachlorophenol

Concen: 1.69 ng m

RT: 17.61 min Scan# 971

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

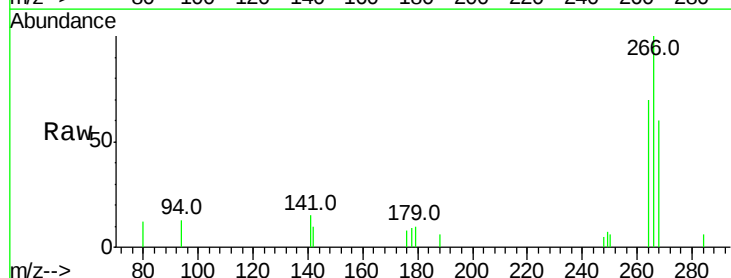
Tgt Ion:266 Resp: 3742

Ion Ratio Lower Upper

266 100

268 59.6 58.3 87.5

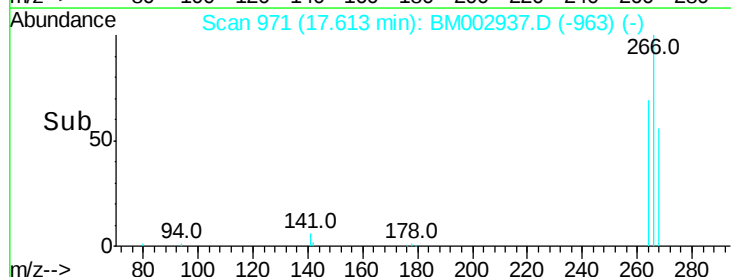
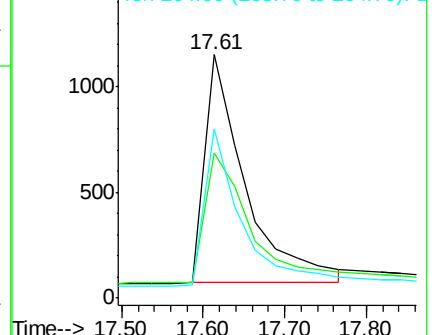
264 69.5 54.2 81.2

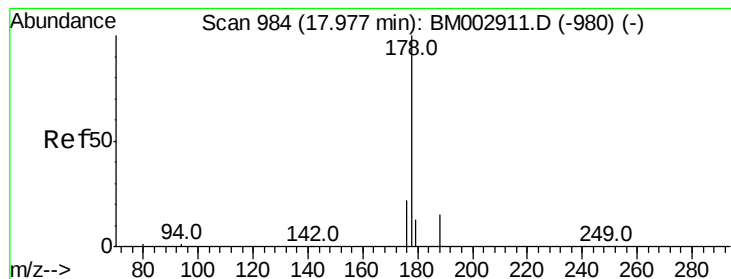


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.88 ng

RT: 18.00 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

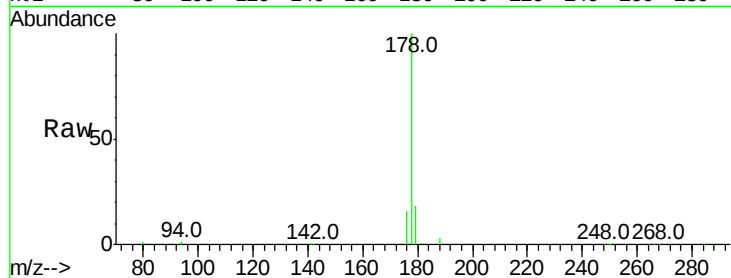
Tot Ion:178 Resp: 111084

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

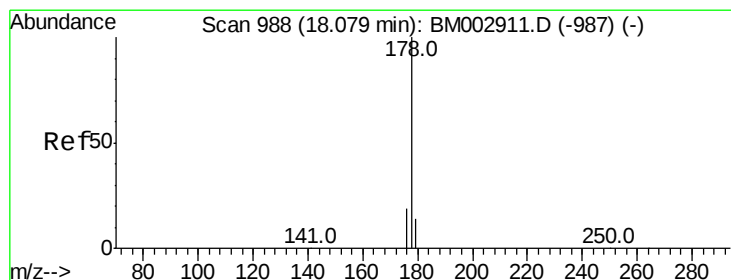
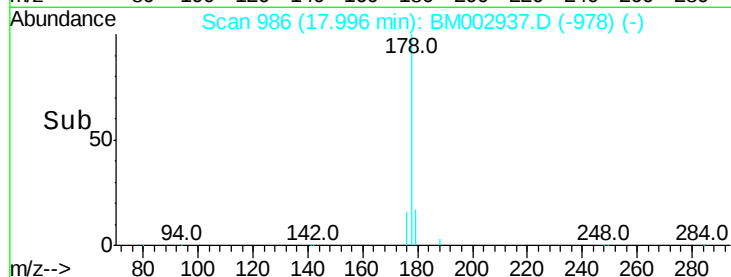
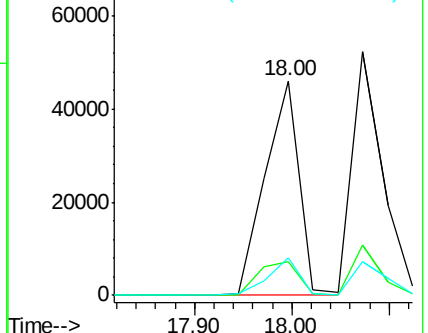
179 16.0 12.5 18.7



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: 0.93 ng

RT: 18.07 min Scan# 989

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

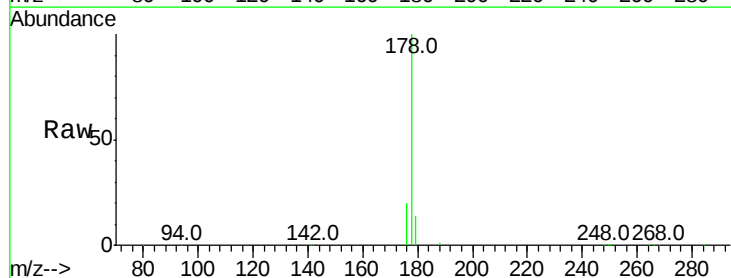
Tgt Ion:178 Resp: 111648

Ion Ratio Lower Upper

178 100

176 18.8 13.9 20.9

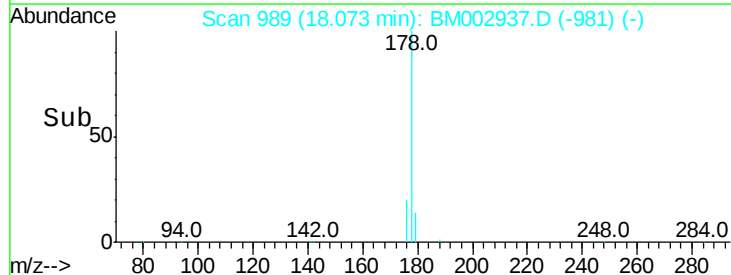
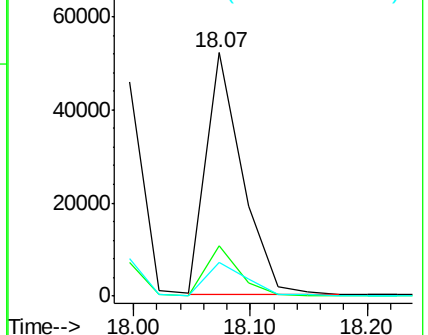
179 14.7 12.6 18.8

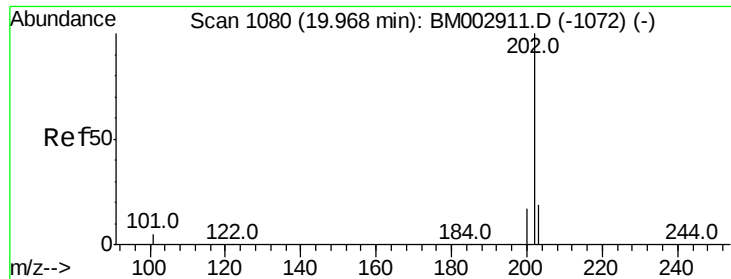


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.94 ng

RT: 19.96 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

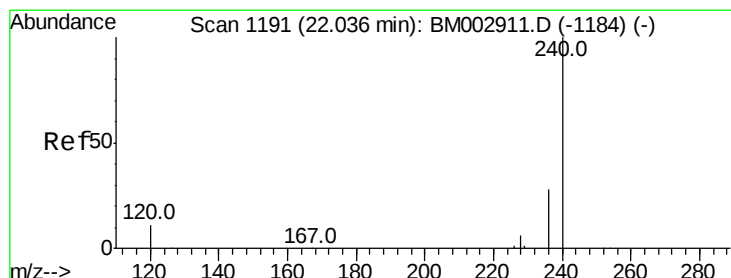
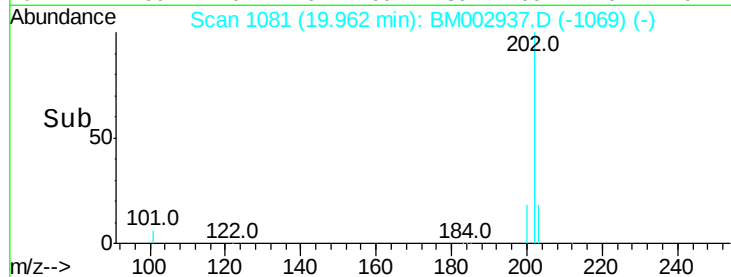
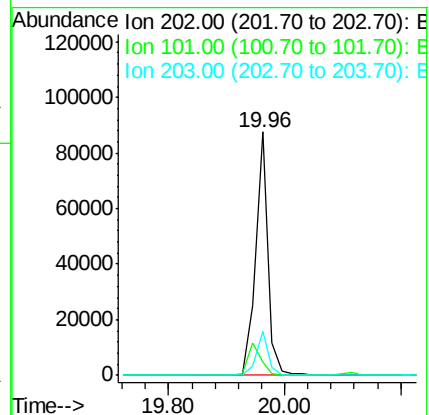
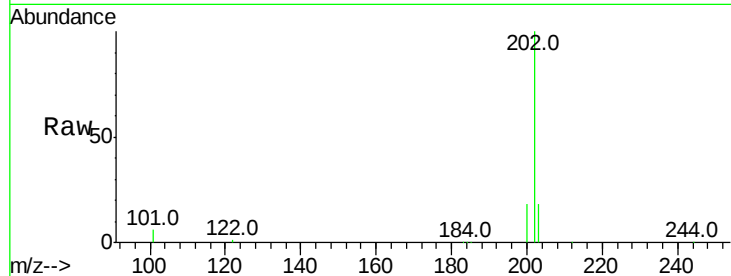
Tot Ion:202 Resp: 130493

Ion Ratio Lower Upper

202 100

101 13.7 11.0 16.6

203 17.5 13.8 20.6



#26

Chrysene-d12

Concen: 5.00 ng

RT: 22.03 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

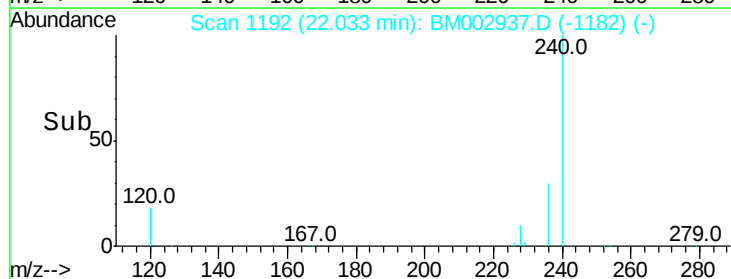
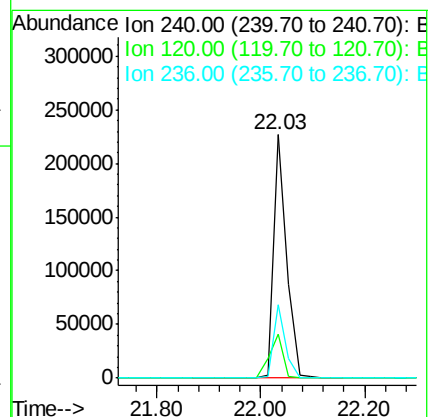
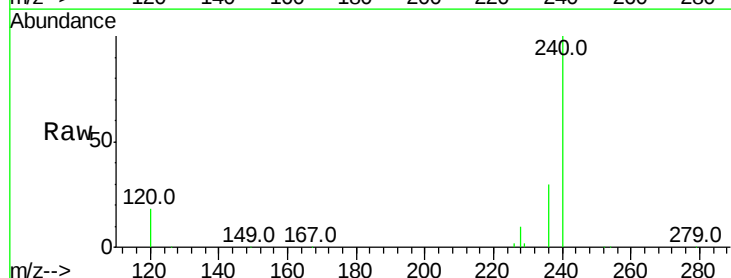
Tgt Ion:240 Resp: 395755

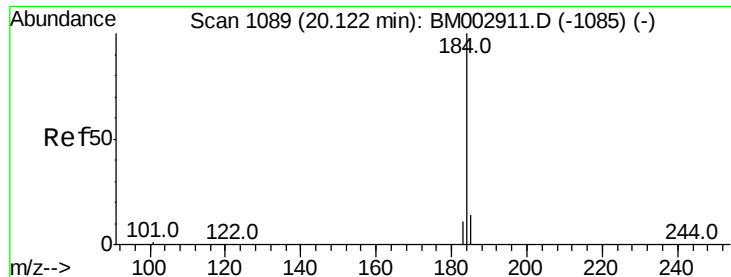
Ion Ratio Lower Upper

240 100

120 18.2 3.3 4.9#

236 30.3 19.5 29.3#





#27

Benzidine

Concen: 0.82 ng

RT: 20.12 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

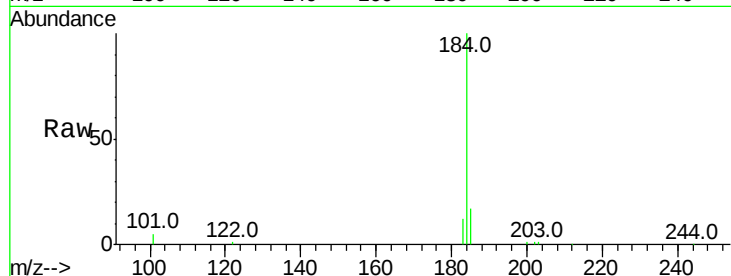
Tot Ion:184 Resp: 39583

Ion Ratio Lower Upper

184 100

185 16.9 12.0 18.0

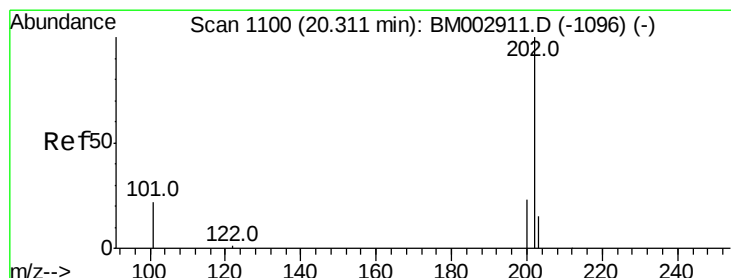
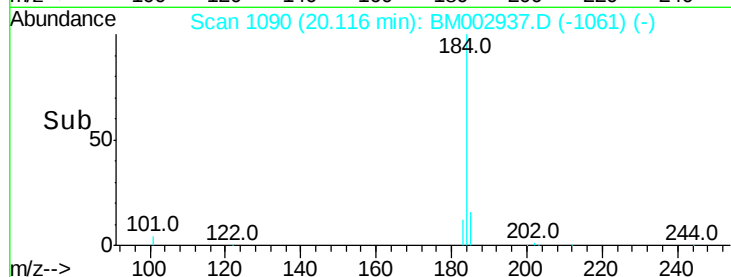
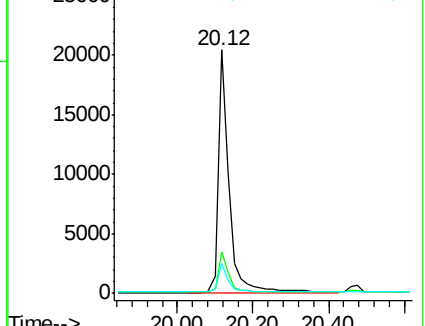
183 12.5 8.9 13.3



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: 1.14 ng

RT: 20.32 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

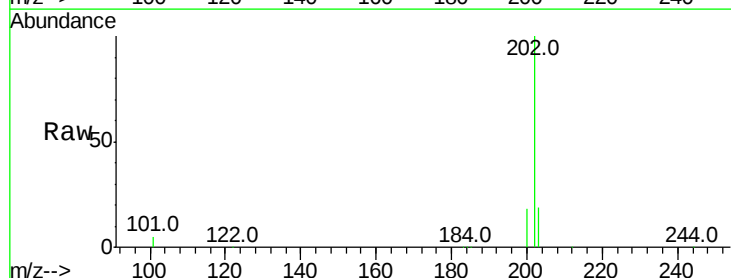
Tgt Ion:202 Resp: 132693

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

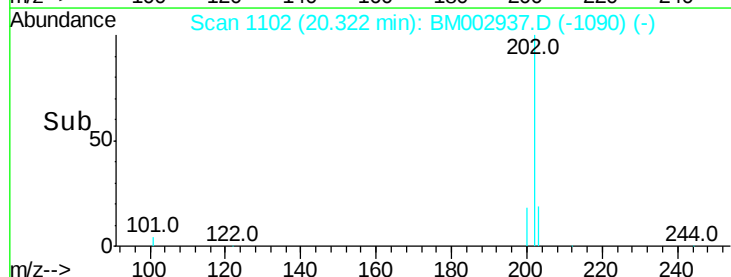
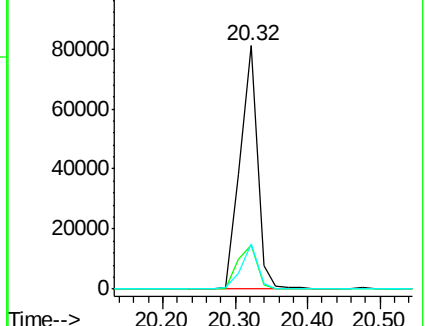
203 17.6 13.8 20.8

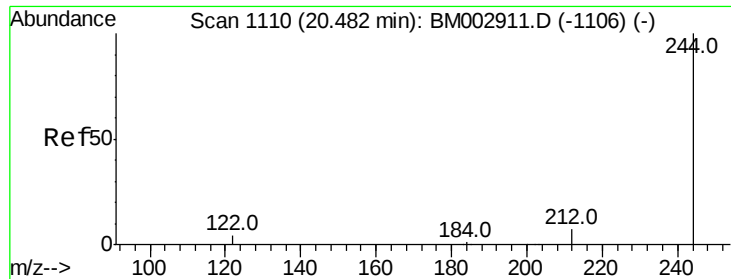


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.11 ng

RT: 20.48 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

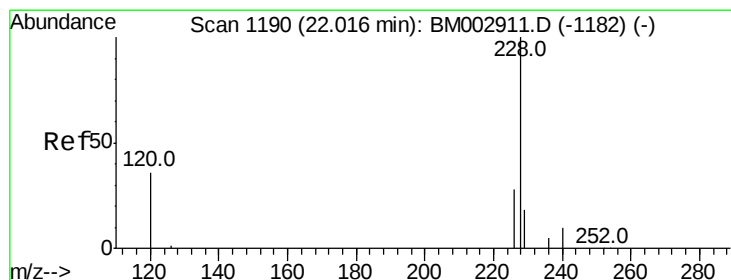
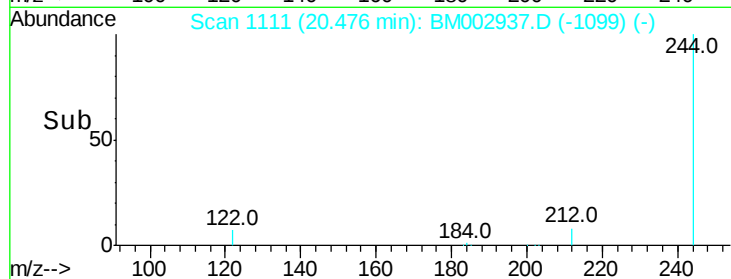
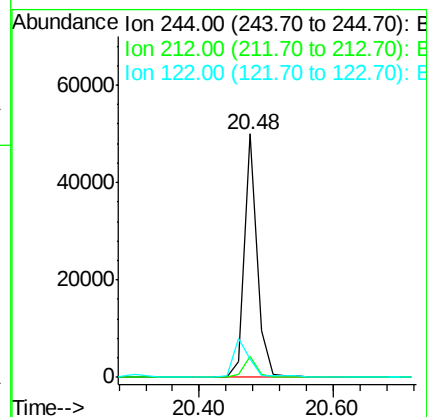
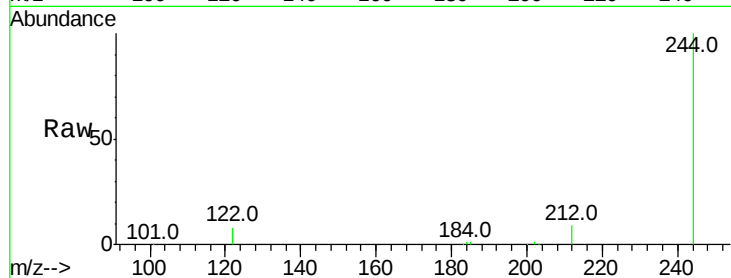
Tot Ion:244 Resp: 65698

Ion Ratio Lower Upper

244 100

212 8.6 5.6 8.4#

122 7.8 2.2 3.2#



#30

Benzo(a)anthracene

Concen: 1.04 ng

RT: 22.01 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

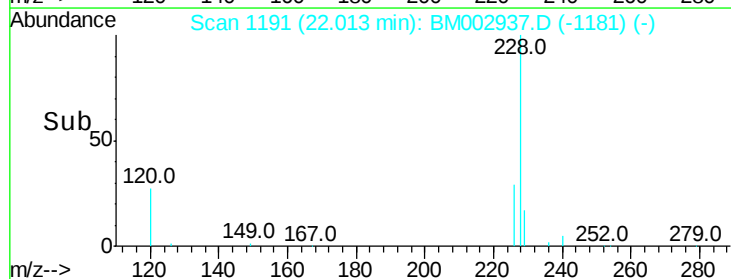
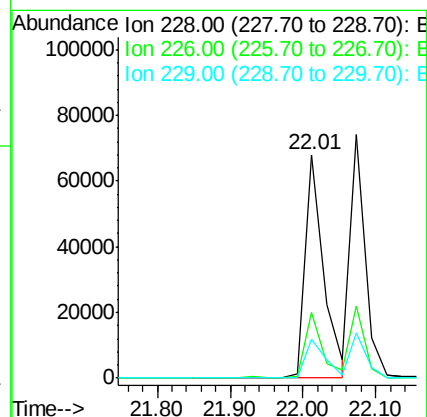
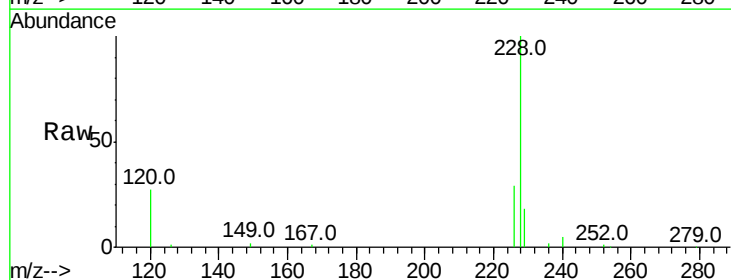
Tgt Ion:228 Resp: 119265

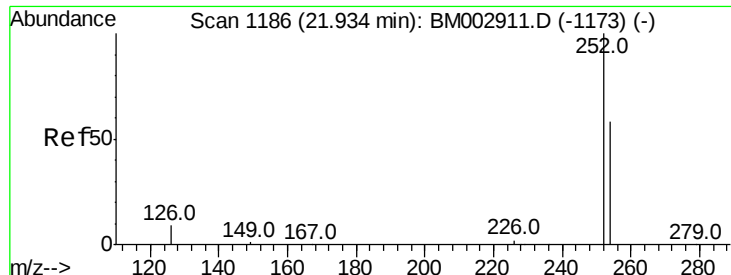
Ion Ratio Lower Upper

228 100

226 29.3 19.0 28.6#

229 17.5 16.8 25.2

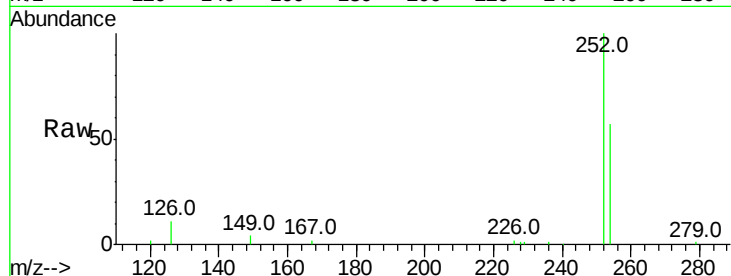




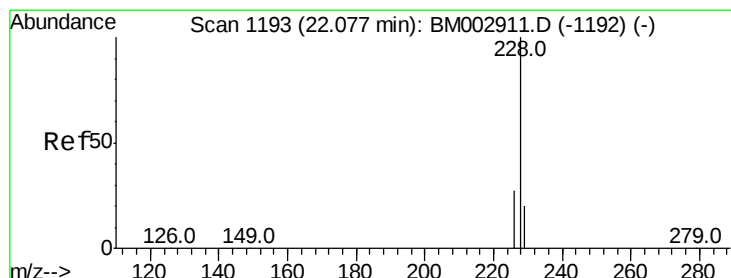
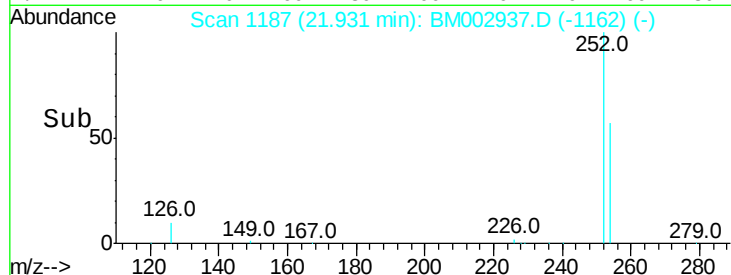
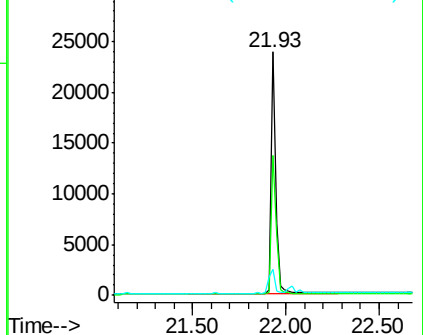
#31
 3,3'-Dichlorobenzidine
 Concen: 1.08 ng
 RT: 21.93 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BM002937.D
 Acq: 16 Oct 2015 16:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:252 Resp: 41863
 Ion Ratio Lower Upper
 252 100
 254 57.3 54.1 81.1
 126 10.6 4.1 6.1#

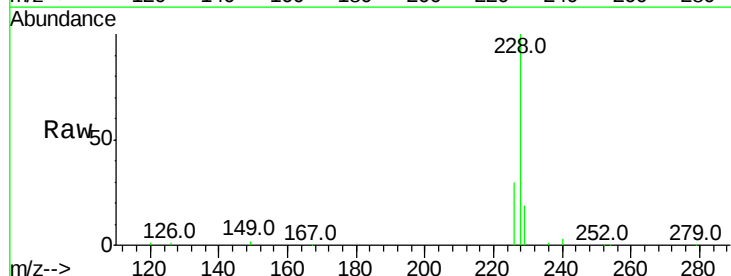


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

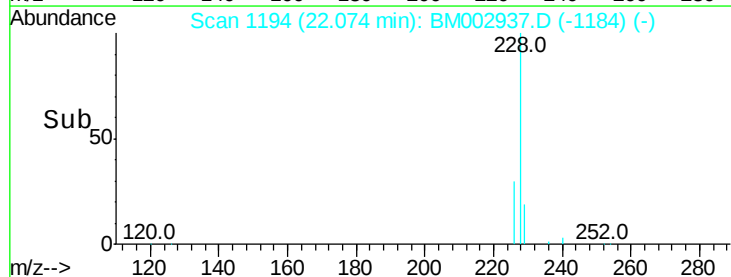
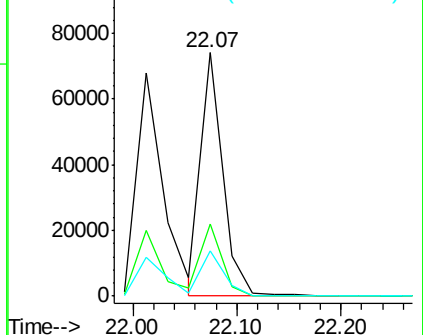


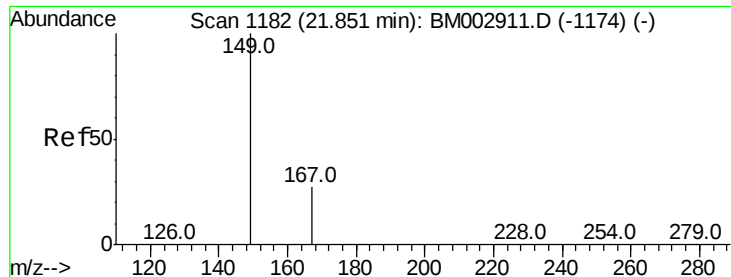
#32
 Chrysene
 Concen: 1.00 ng
 RT: 22.07 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM002937.D
 Acq: 16 Oct 2015 16:42

Tgt Ion:228 Resp: 107278
 Ion Ratio Lower Upper
 228 100
 226 29.7 20.6 30.8
 229 18.8 17.4 26.2



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.34 ng

RT: 21.85 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

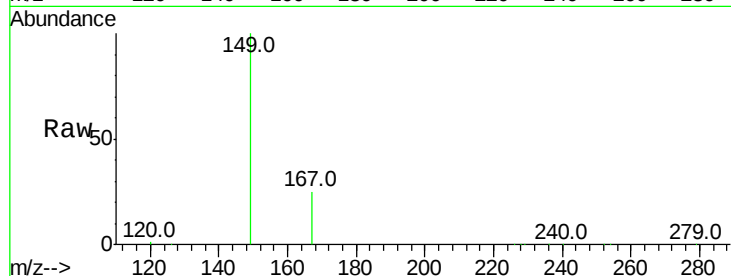
Tot Ion:149 Resp: 97552

Ion Ratio Lower Upper

149 100

167 25.9 17.2 25.8#

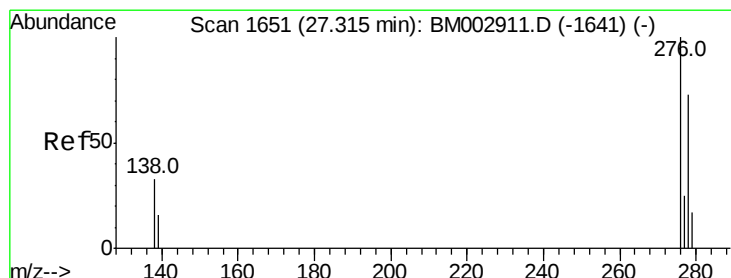
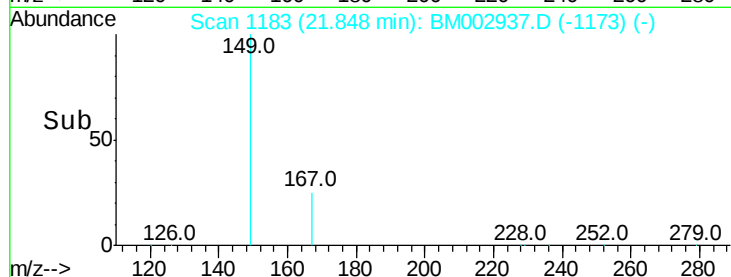
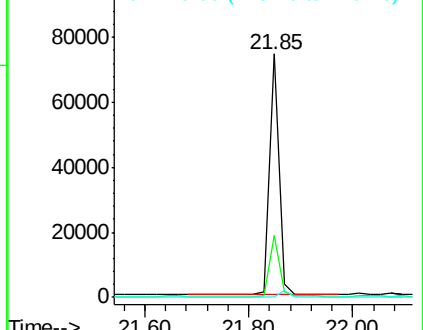
279 0.0 2.2 3.4#



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: 0.80 ng

RT: 27.31 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

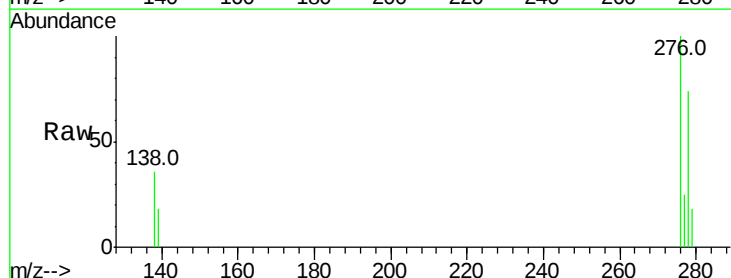
Tgt Ion:276 Resp: 87950

Ion Ratio Lower Upper

276 100

138 38.2 29.0 43.6

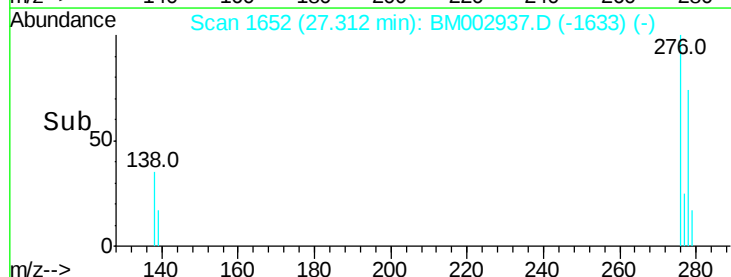
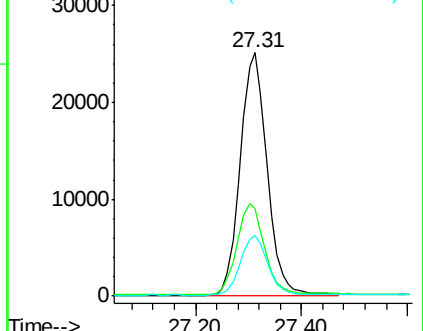
277 24.8 19.8 29.8

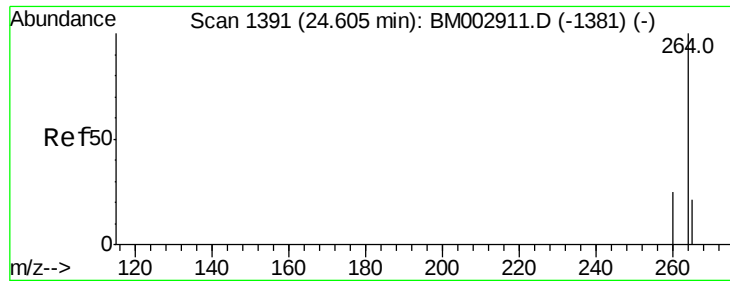


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

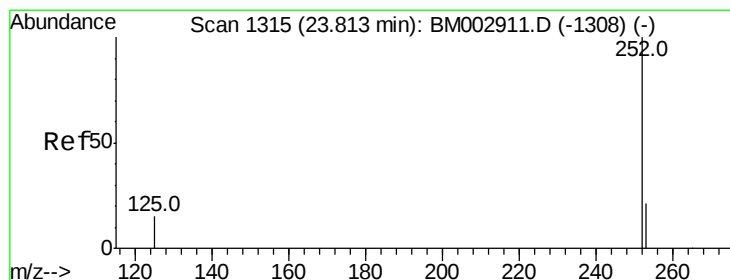
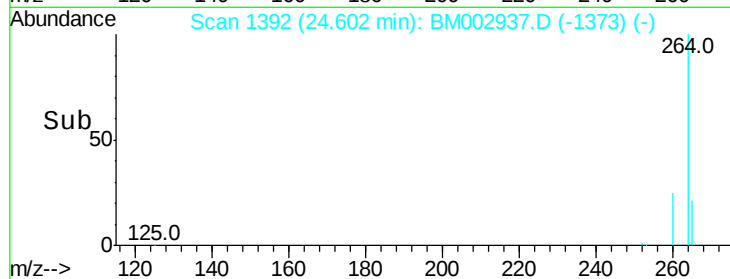
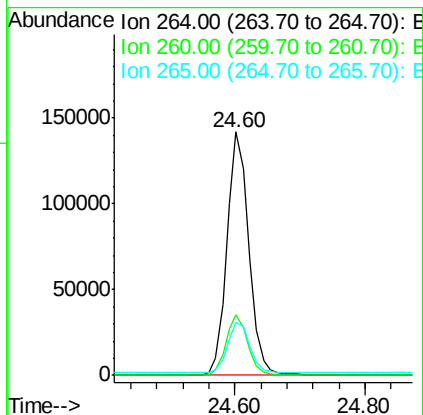
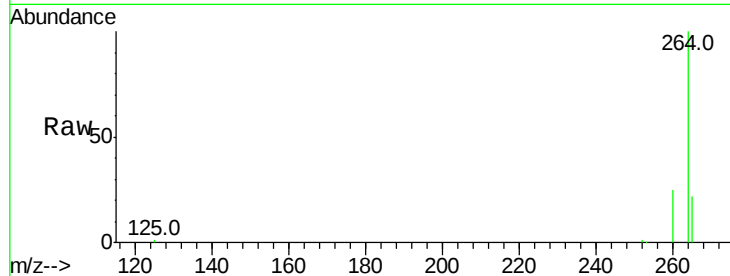




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.60 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BM002937.D
 Acq: 16 Oct 2015 16:42

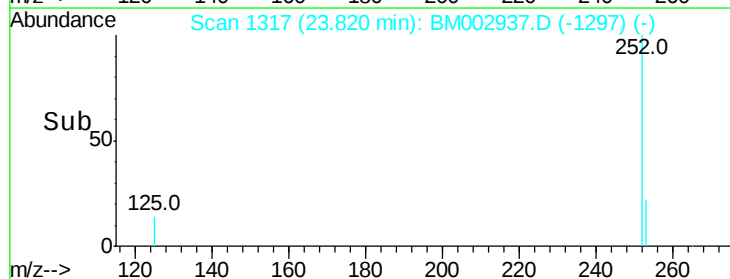
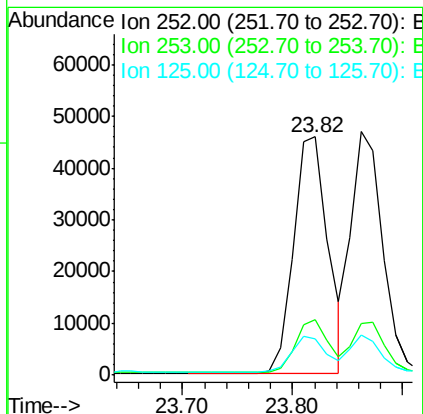
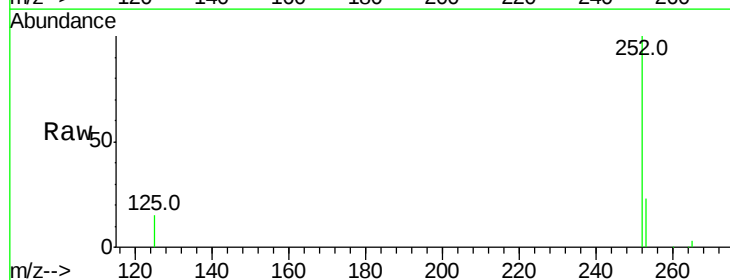
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

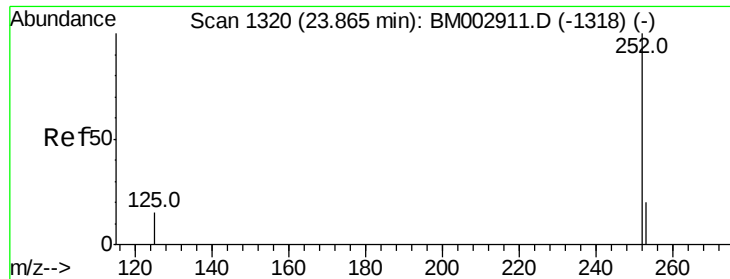
Tot Ion:264 Resp: 327998
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.9 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 1.05 ng
 RT: 23.82 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BM002937.D
 Acq: 16 Oct 2015 16:42

Tgt Ion:252 Resp: 98976
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.5 26.3
 125 15.3 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 1.02 ng

RT: 23.86 min Scan# 1321

Delta R.T. 0.00 min

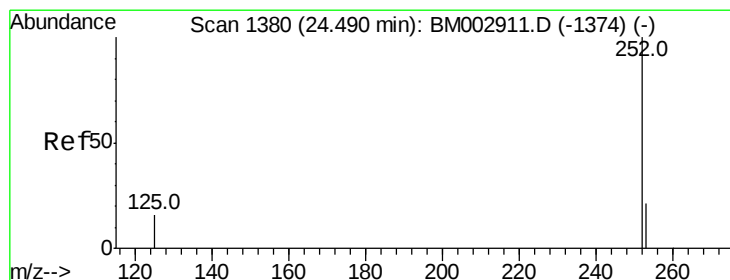
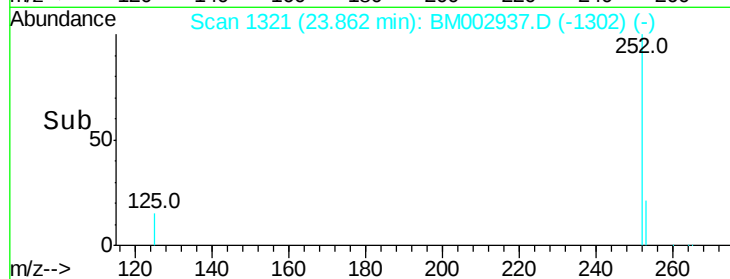
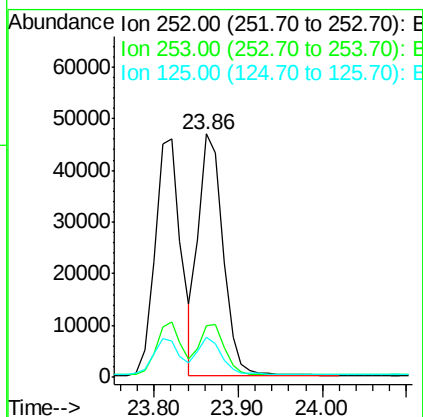
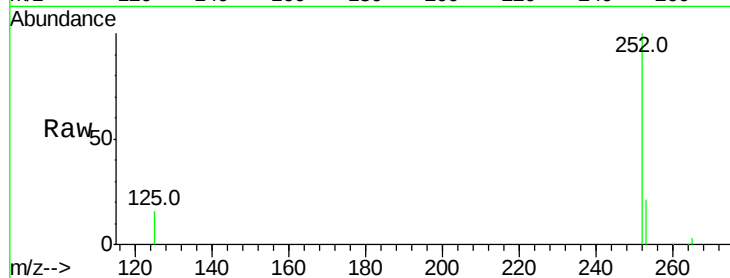
Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:252 Resp: 93747

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	16.4	12.3	18.5



#38

Benzo(a)pyrene

Concen: 1.03 ng

RT: 24.50 min Scan# 1382

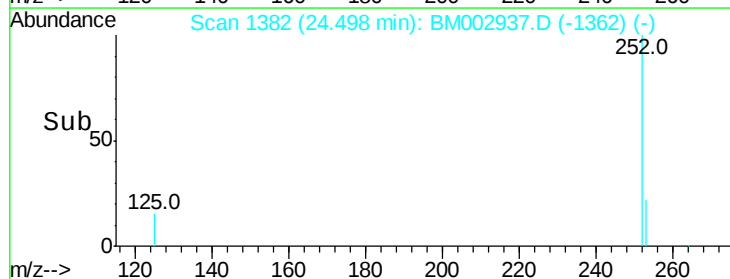
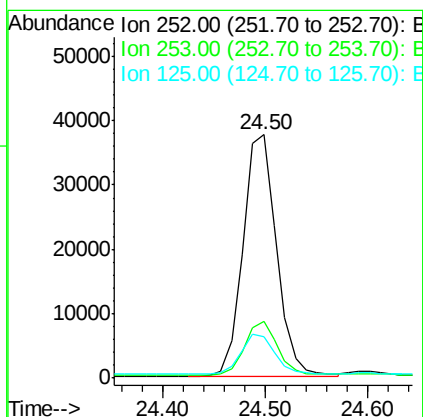
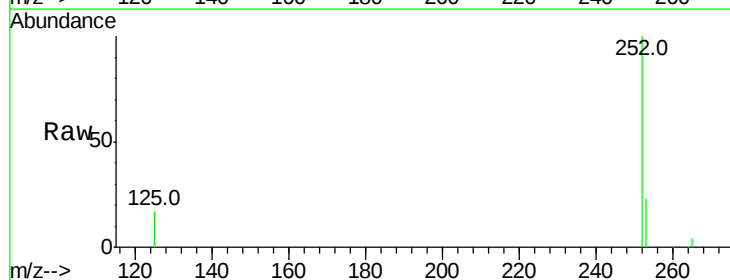
Delta R.T. 0.01 min

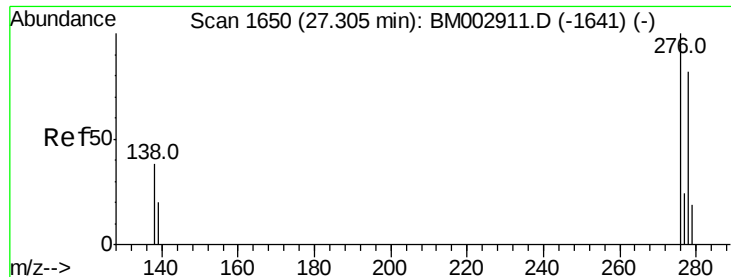
Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Tgt Ion:252 Resp: 85468

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	16.9	13.3	19.9





#39

Dibenzo(a,h)anthracene

Concen: 0.88 ng

RT: 27.30 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

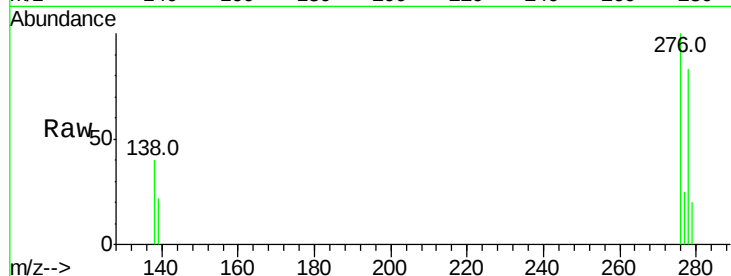
Tot Ion:278 Resp: 70183

Ion Ratio Lower Upper

278 100

139 26.2 19.8 29.6

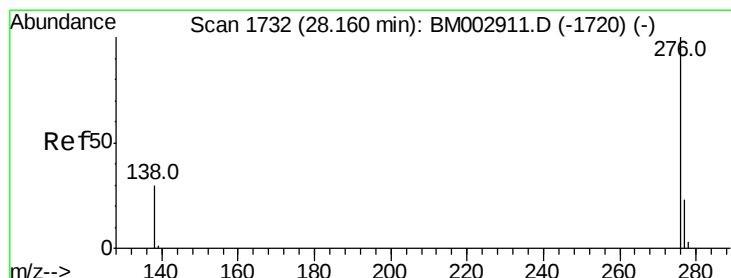
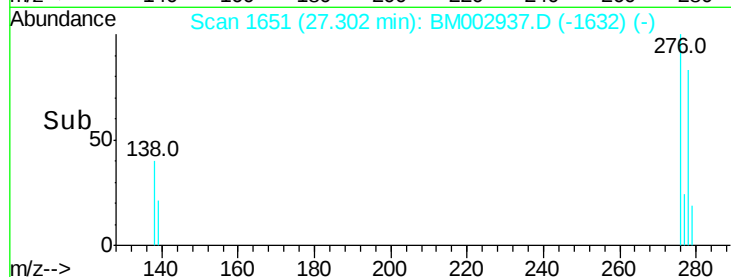
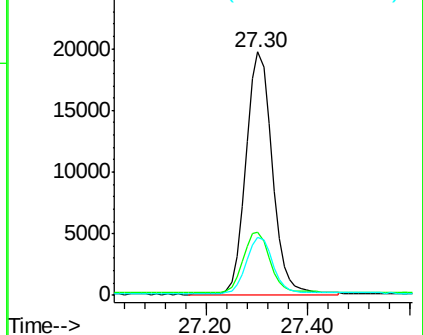
279 24.0 19.1 28.7



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: 0.85 ng

RT: 28.16 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BM002937.D

Acq: 16 Oct 2015 16:42

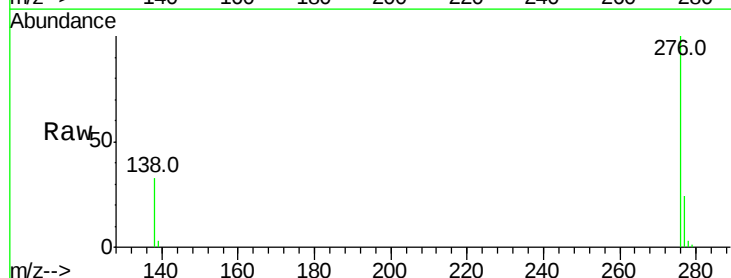
Tgt Ion:276 Resp: 70855

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 33.0 24.4 36.6



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

