

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101615\
 Data File : BM002933.D
 Acq On : 16 Oct 2015 14:17
 Operator : UM/IZ
 Sample : PB86139BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86139BSD

Quant Time: Oct 16 23:08:25 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	80230	5.00	ng	0.00
7) Naphthalene-d8	11.50	136	350210	5.00	ng	0.01
13) Acenaphthene-d10	15.23	164	194615	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	414060	5.00	ng	0.00
26) Chrysene-d12	22.04	240	414343	5.00	ng	0.00
35) Perylene-d12	24.61	264	359102	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.12	112	99396	6.62	ng	-0.03
5) Phenol-d6	7.77	99	136311	7.12	ng	-0.02
8) Nitrobenzene-d5	9.85	82	57540	3.43	ng	0.00
14) 2,4,6-Tribromophenol	16.72	330	45034	5.95	ng	0.00
15) 2-Fluorobiphenyl	13.88	172	200153	3.21	ng	0.00
29) Terphenyl-d14	20.48	244	203702	3.28	ng	0.00

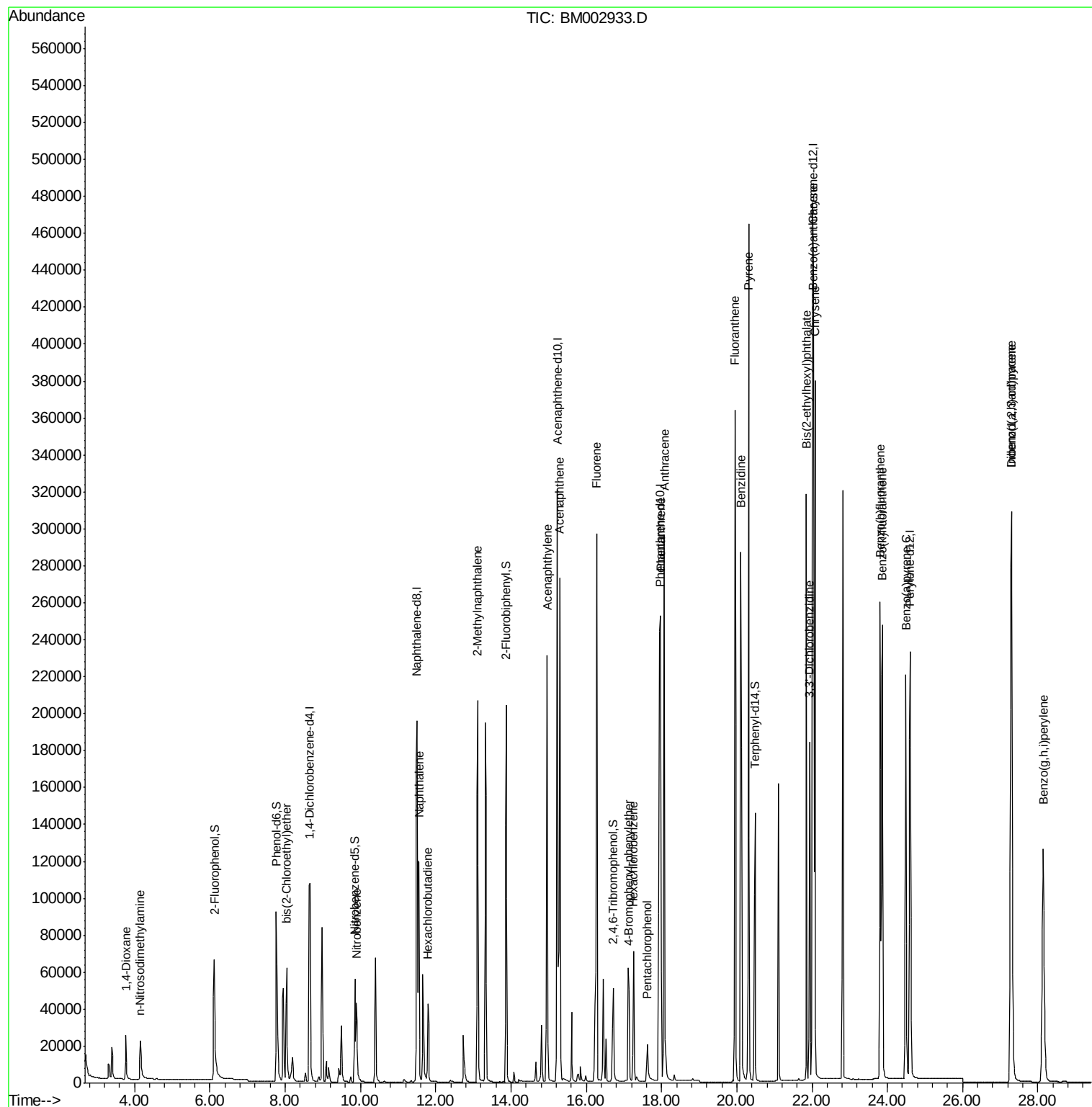
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	20632	2.82	ng	99
3) n-Nitrosodimethylamine	4.14	42	19257	3.38	ng	# 97
6) bis(2-Chloroethyl)ether	8.04	93	60306	3.30	ng	96
9) Nitrobenzene	9.89	77	59227	3.33	ng	99
10) Naphthalene	11.56	128	230817	2.97	ng	99
11) Hexachlorobutadiene	11.80	225	36255	2.89	ng	100
12) 2-Methylnaphthalene	13.12	142	165412	3.16	ng	100
16) Acenaphthylene	14.96	152	285042	3.35	ng	100
17) Acenaphthene	15.30	154	168325	2.89	ng	# 100
18) Fluorene	16.27	166	221105	3.18	ng	99
20) 4-Bromophenyl-phenylether	17.13	248	50695	2.95	ng	# 55
21) Hexachlorobenzene	17.26	284	74664	4.47	ng	# 89
22) Pentachlorophenol	17.62	266	25039m	12.90	ng	
23) Phenanthrene	17.98	178	352605	3.65	ng	97
24) Anthracene	18.08	178	384441	4.18	ng	100
25) Fluoranthene	19.95	202	409026	3.83	ng	100
27) Benzidine	20.11	184	428739	7.02	ng	94
28) Pyrene	20.31	202	441358	3.61	ng	99
30) Benzo(a)anthracene	22.02	228	466213	3.89	ng	95
31) 3,3'-Dichlorobenzidine	21.93	252	158536	3.91	ng	96
32) Chrysene	22.08	228	335791	3.00	ng	96
33) Bis(2-ethylhexyl)phthalate	21.85	149	317688	3.53	ng	# 86
34) Indeno(1,2,3-cd)pyrene	27.29	276	368746	3.20	ng	98
36) Benzo(b)fluoranthene	23.81	252	368547	3.58	ng	99
37) Benzo(k)fluoranthene	23.86	252	364651	3.62	ng	99
38) Benzo(a)pyrene	24.49	252	342186	3.76	ng	98
39) Dibenzo(a,h)anthracene	27.29	278	299291	3.43	ng	99
40) Benzo(g,h,i)perylene	28.14	276	304599	3.34	ng	97

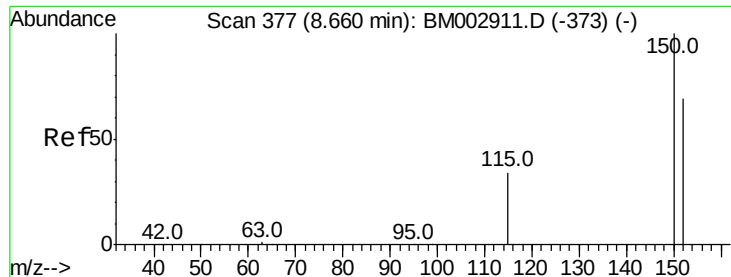
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

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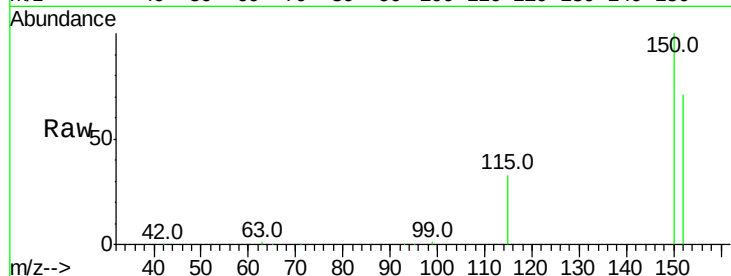
Tot Ion:152 Resp: 80230

Ion Ratio Lower Upper

152 100

150 141.0 113.0 169.6

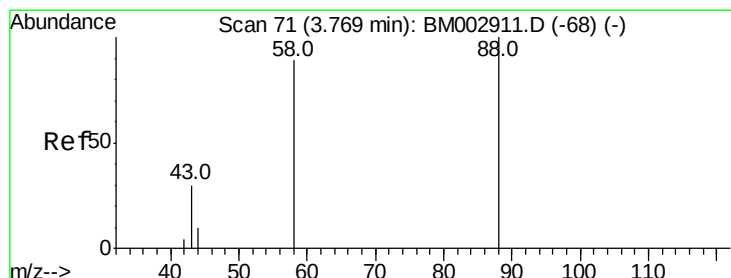
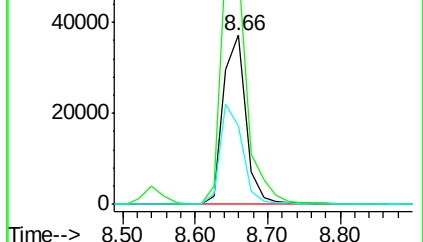
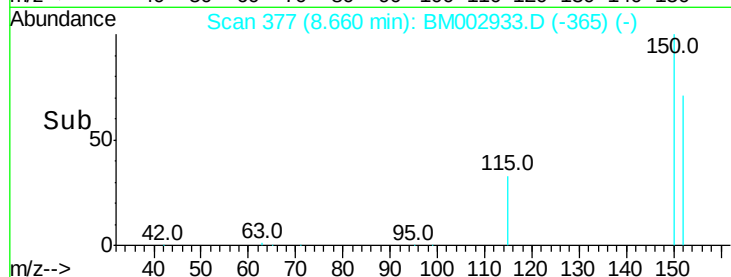
115 46.6 37.9 56.9



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: 2.82 ng

RT: 3.77 min Scan# 71

Delta R.T. -0.00 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

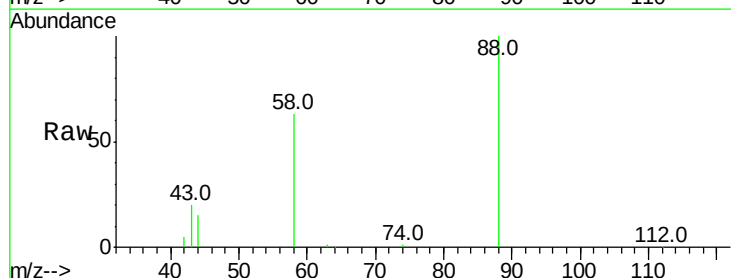
Tgt Ion: 88 Resp: 20632

Ion Ratio Lower Upper

88 100

58 71.0 56.7 85.1

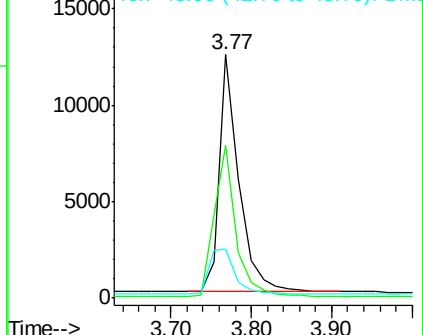
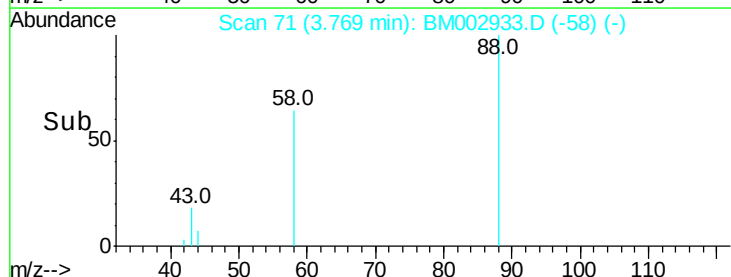
43 25.9 22.0 33.0

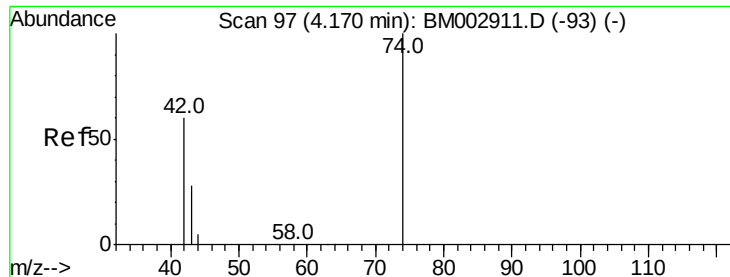


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 3.38 ng

RT: 4.14 min Scan# 95

Delta R.T. -0.02 min

Lab File: BM002933.D

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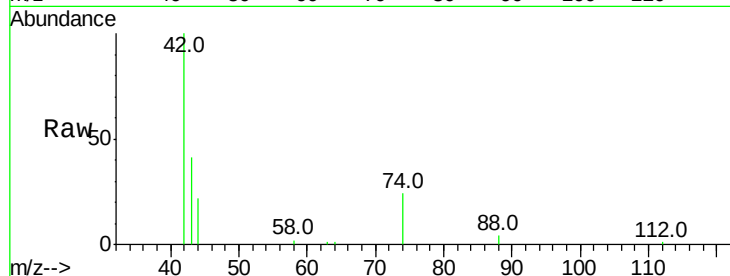
Tot Ion: 42 Resp: 19257

Ion Ratio Lower Upper

42 100

74 147.2 119.7 179.5

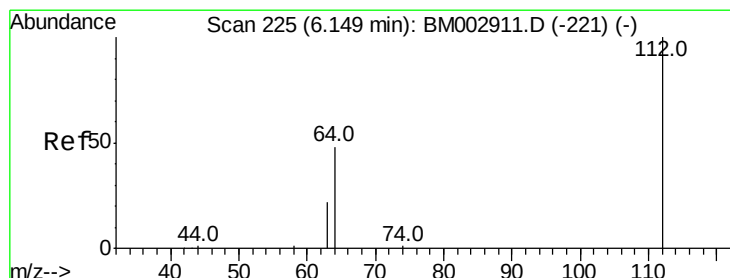
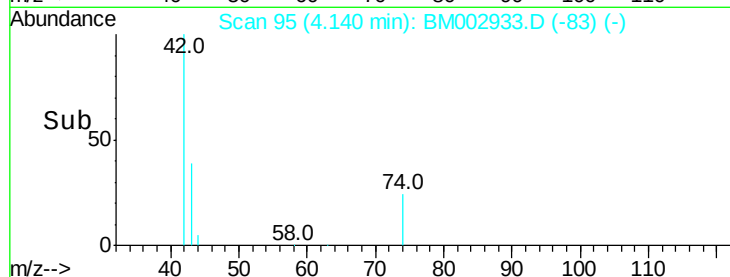
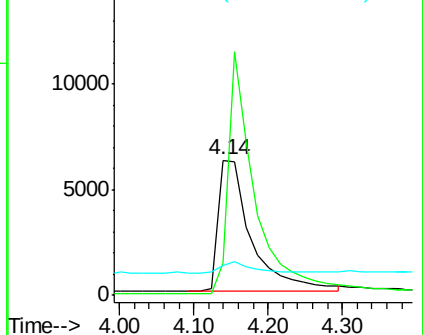
44 7.7 9.8 14.6#



Abundance Ion 42.00 (41.70 to 42.70): BM002911.D (-93) (-)

Ion 74.00 (73.70 to 74.70): BM002911.D (-93) (-)

Ion 44.00 (43.70 to 44.70): BM002911.D (-93) (-)



#4

2-Fluorophenol

Concen: 6.62 ng

RT: 6.12 min Scan# 223

Delta R.T. -0.03 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

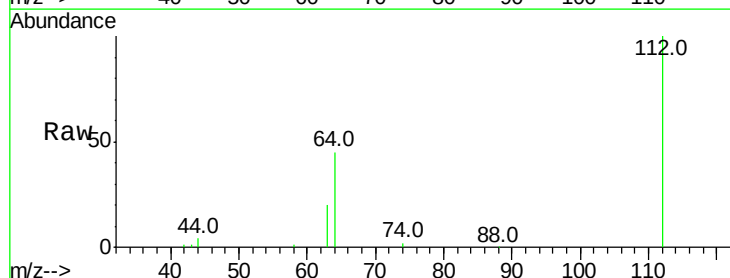
Tgt Ion: 112 Resp: 99396

Ion Ratio Lower Upper

112 100

64 51.6 42.0 63.0

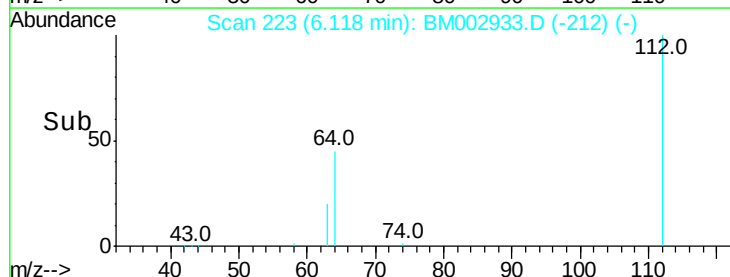
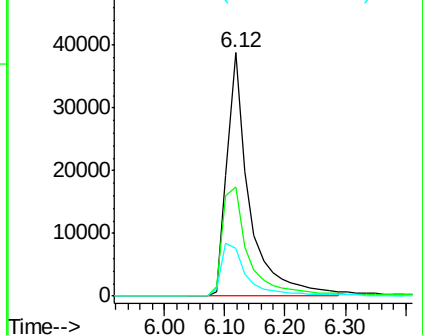
63 24.6 20.0 30.0

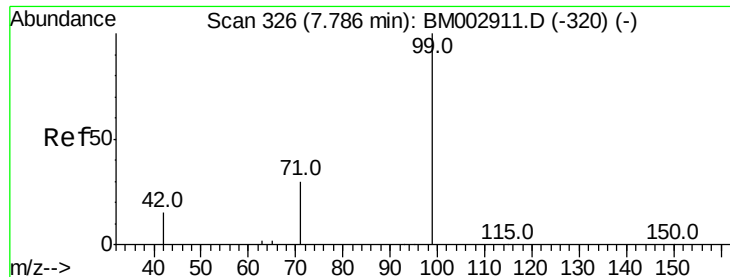


Abundance Ion 112.00 (111.70 to 112.70): BM002911.D (-221) (-)

Ion 64.00 (63.70 to 64.70): BM002911.D (-221) (-)

Ion 63.00 (62.70 to 63.70): BM002911.D (-221) (-)





#5

Phenol-d6

Concen: 7.12 ng

RT: 7.77 min Scan# 325

Delta R.T. -0.02 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

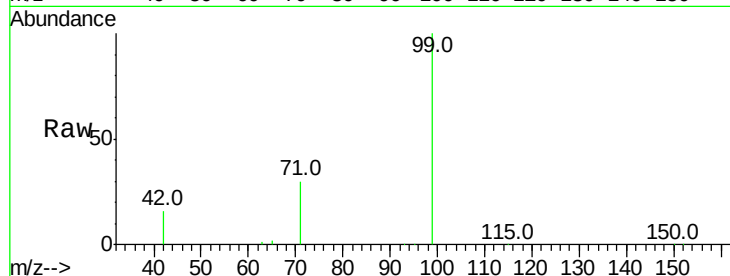
Tot Ion: 99 Resp: 136311

Ion Ratio Lower Upper

99 100

42 15.2 12.4 18.6

71 26.5 21.4 32.0



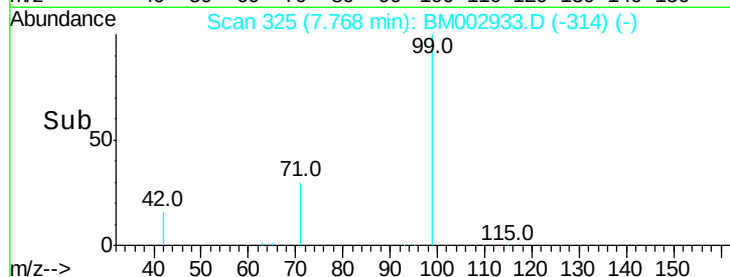
Abundance Ion 99.00 (98.70 to 99.70): BM002933.D (-326) (-)

Ion 42.00 (41.70 to 42.70): BM002933.D (-326) (-)

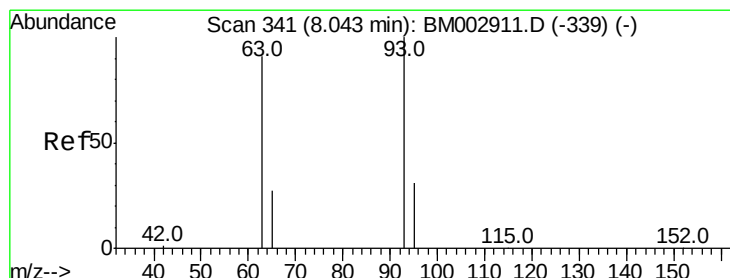
Ion 71.00 (70.70 to 71.70): BM002933.D (-326) (-)

7.77

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 3.30 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.00 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

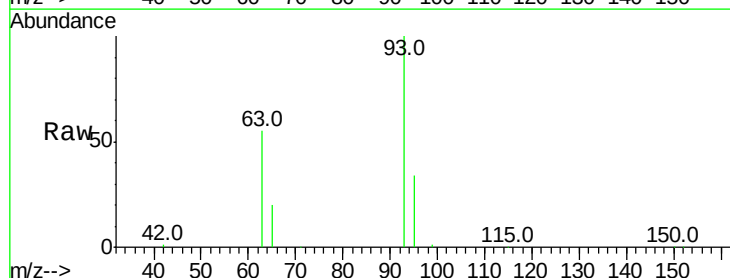
Tgt Ion: 93 Resp: 60306

Ion Ratio Lower Upper

93 100

63 70.0 52.9 79.3

95 32.7 25.2 37.8



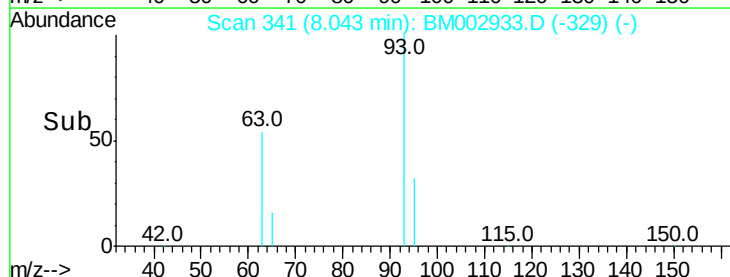
Abundance Ion 93.00 (92.70 to 93.70): BM002933.D (-346) (-)

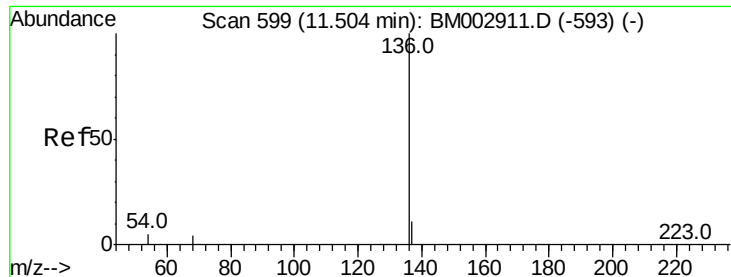
Ion 63.00 (62.70 to 63.70): BM002933.D (-346) (-)

Ion 95.00 (94.70 to 95.70): BM002933.D (-346) (-)

8.04

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 599

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

Tot Ion:136 Resp: 350210

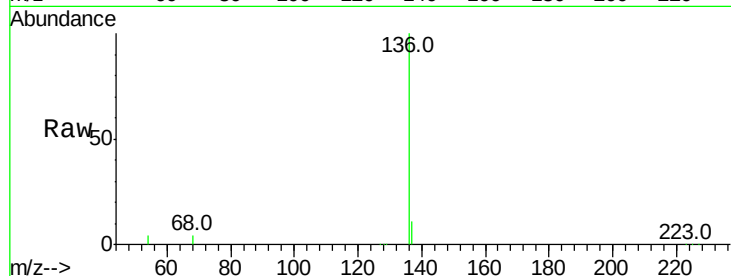
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 4.1 3.5 5.3

68 3.9 3.3 4.9

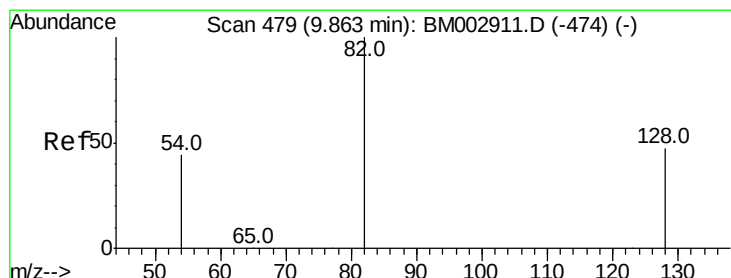
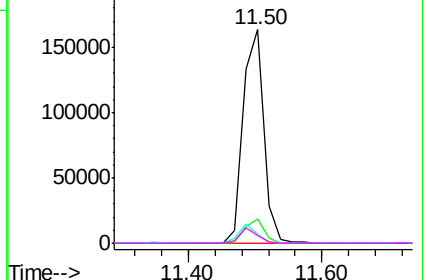
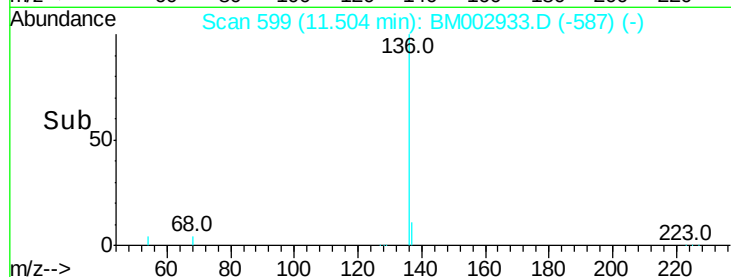


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.43 ng

RT: 9.85 min Scan# 478

Delta R.T. -0.00 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

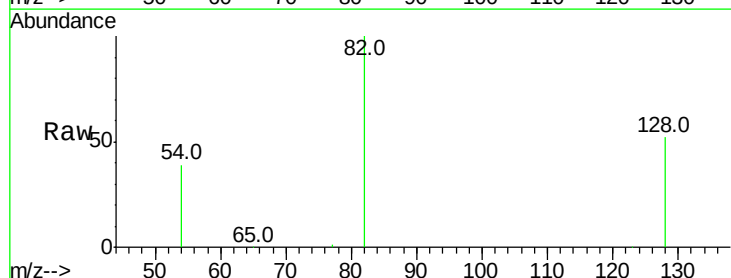
Tgt Ion: 82 Resp: 57540

Ion Ratio Lower Upper

82 100

128 51.7 34.1 51.1#

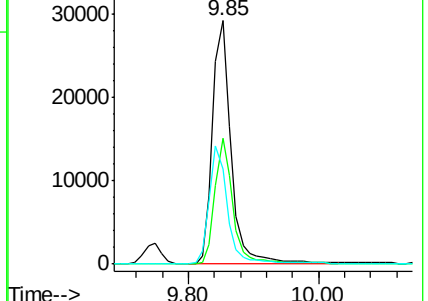
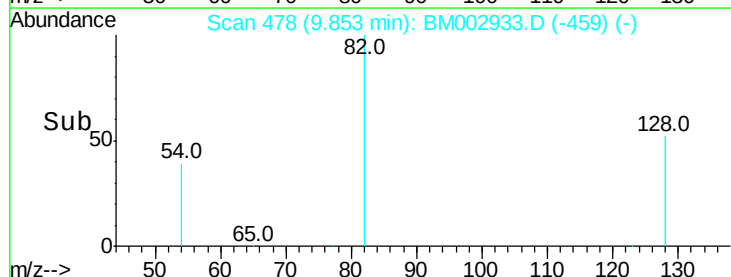
54 39.3 42.6 63.8#

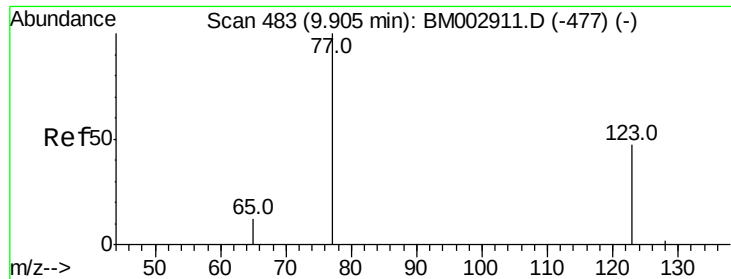


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.33 ng

RT: 9.89 min Scan# 482

Delta R.T. -0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

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PB86139BSD

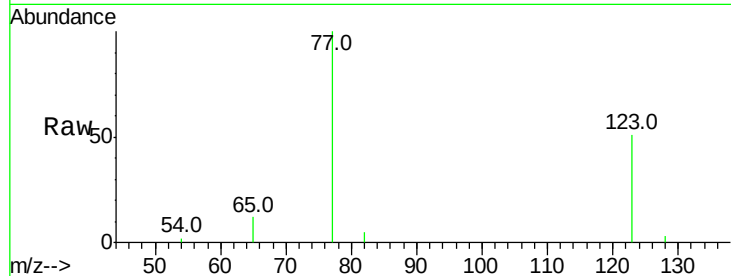
Tot Ion: 77 Resp: 59227

Ion Ratio Lower Upper

77 100

123 52.2 41.0 61.4

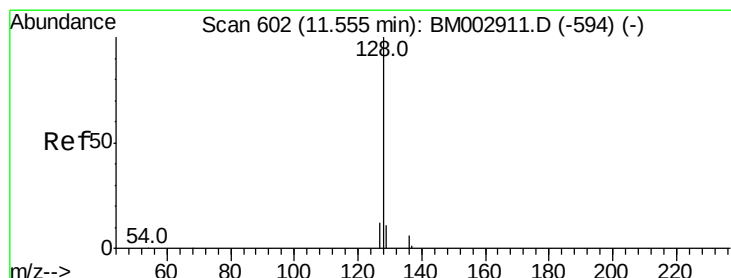
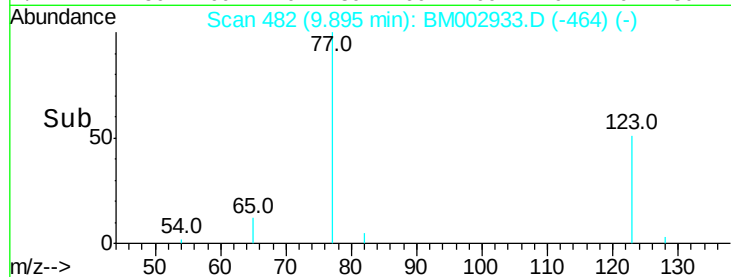
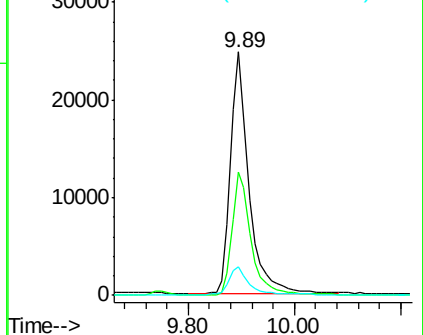
65 12.1 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002933.D (-477) (-)

Ion 123.00 (122.70 to 123.70): BM002933.D (-477) (-)

Ion 65.00 (64.70 to 65.70): BM002933.D (-477) (-)



#10

Naphthalene

Concen: 2.97 ng

RT: 11.56 min Scan# 602

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

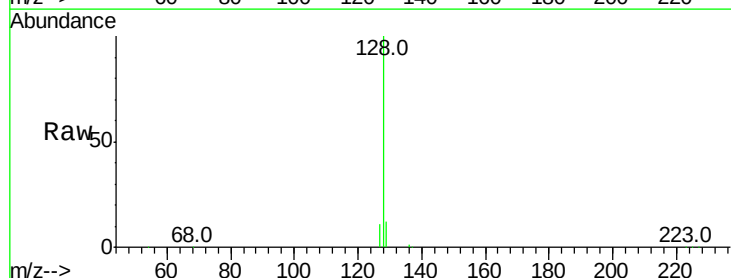
Tgt Ion: 128 Resp: 230817

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

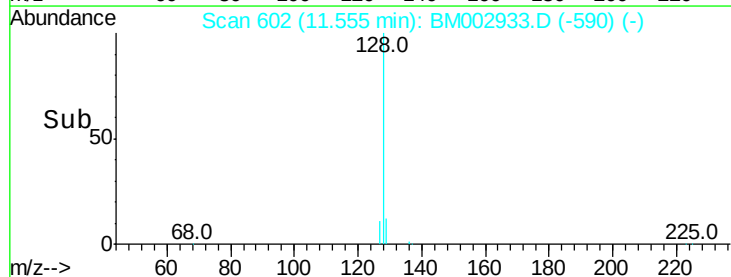
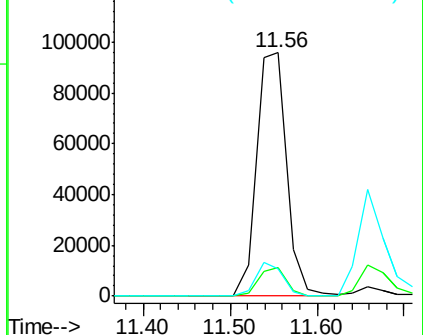
127 11.5 9.6 14.4

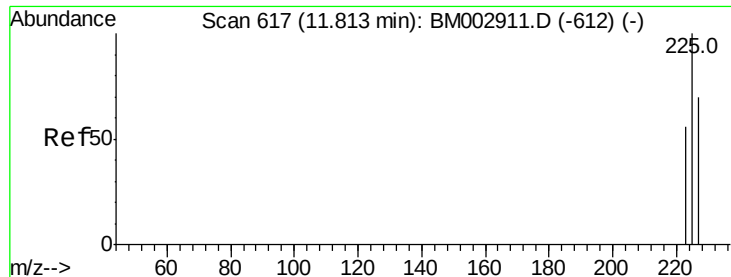


Abundance Ion 128.00 (127.70 to 128.70): BM002933.D (-594) (-)

Ion 129.00 (128.70 to 129.70): BM002933.D (-594) (-)

Ion 127.00 (126.70 to 127.70): BM002933.D (-594) (-)





#11

Hexachlorobutadiene

Concen: 2.89 ng

RT: 11.80 min Scan# 616

Delta R.T. -0.00 min

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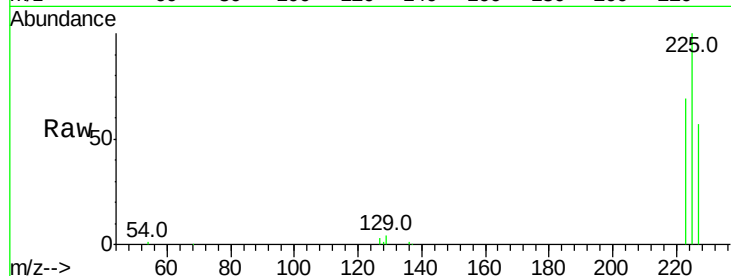
Tot Ion:225 Resp: 36255

Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

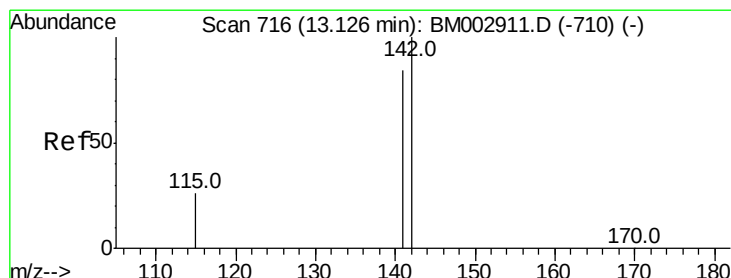
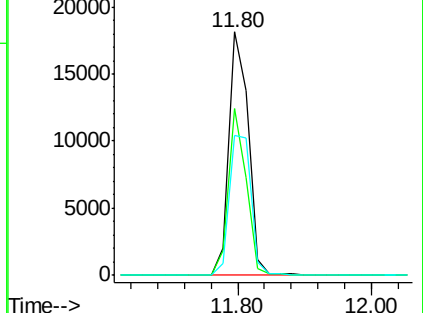
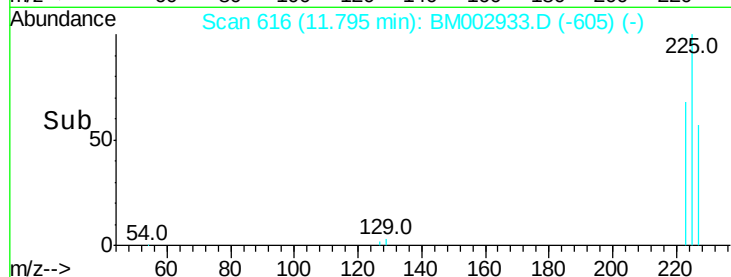
227 64.1 51.2 76.8



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: 3.16 ng

RT: 13.12 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

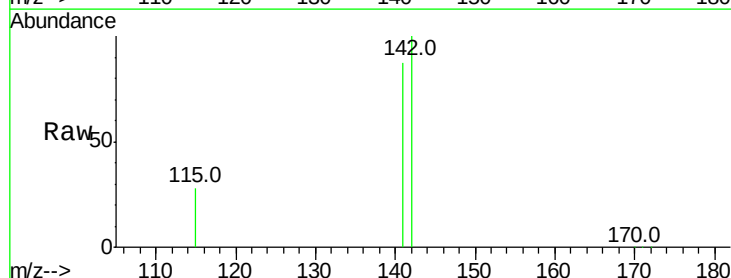
Tgt Ion:142 Resp: 165412

Ion Ratio Lower Upper

142 100

141 86.5 69.4 104.0

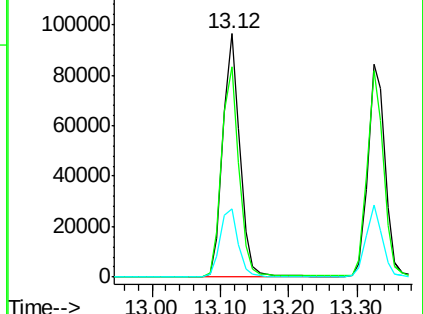
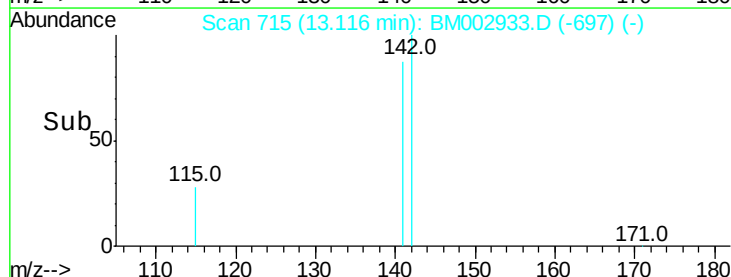
115 27.9 22.7 34.1

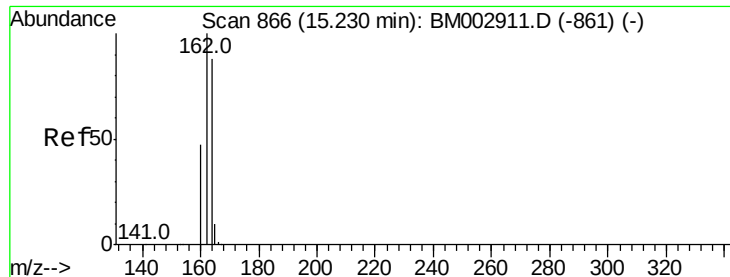


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.23 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM002933.D

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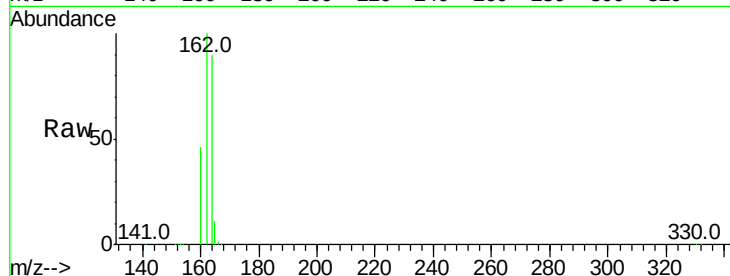
Tot Ion:164 Resp: 194615

Ion Ratio Lower Upper

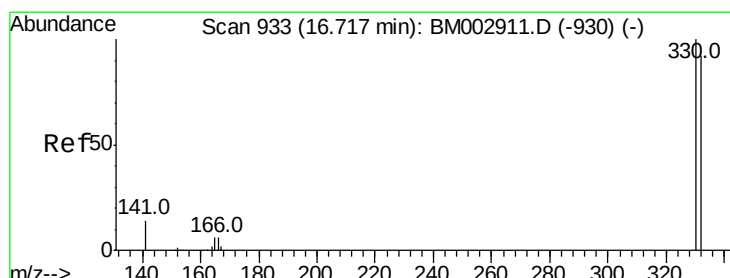
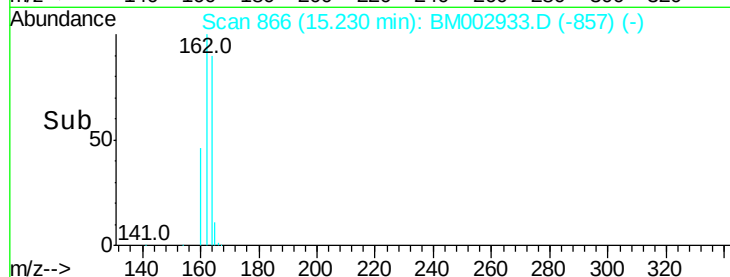
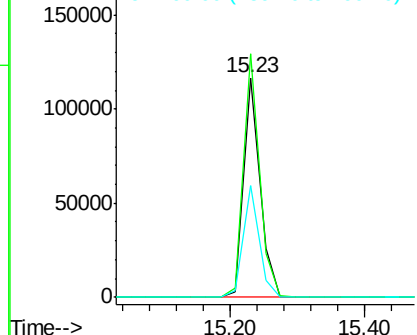
164 100

162 111.0 79.6 119.4

160 51.1 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: 5.95 ng

RT: 16.72 min Scan# 933

Delta R.T. 0.00 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

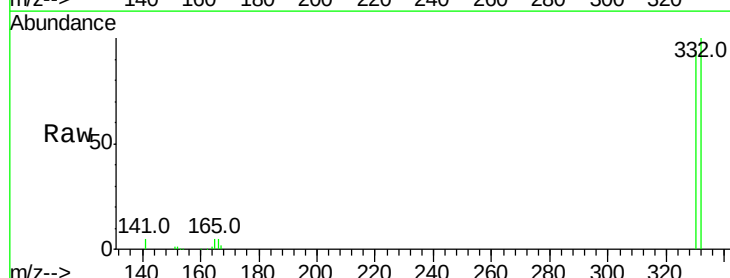
Tgt Ion:330 Resp: 45034

Ion Ratio Lower Upper

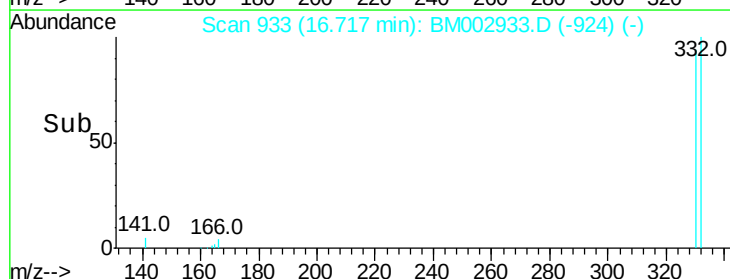
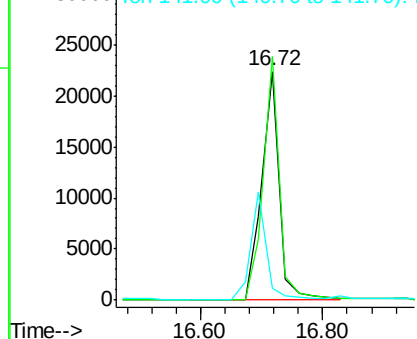
330 100

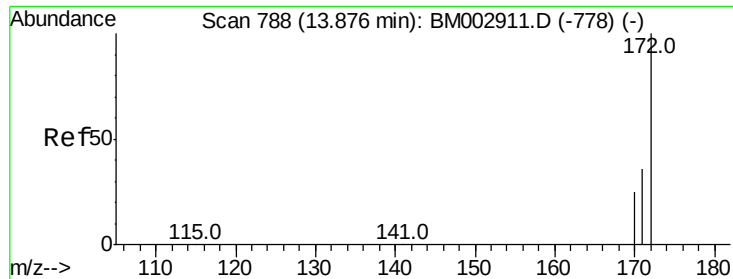
332 98.4 76.6 115.0

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

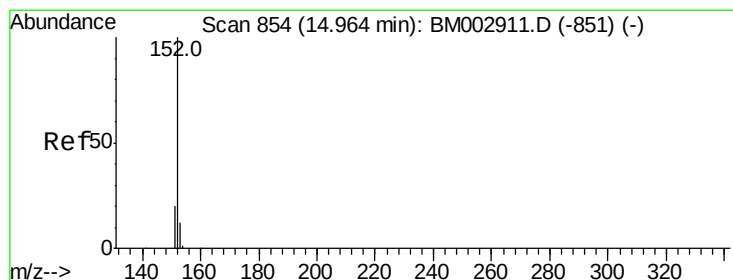
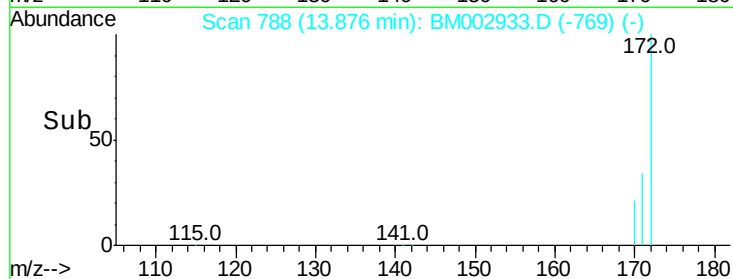
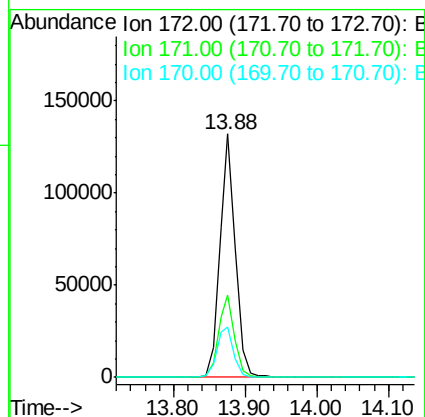
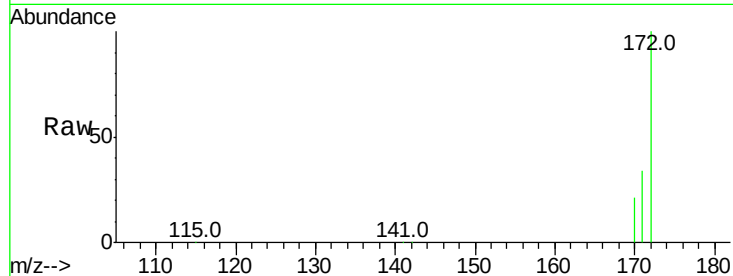




#15
2-Fluorobiphenyl
Concen: 3.21 ng
RT: 13.88 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

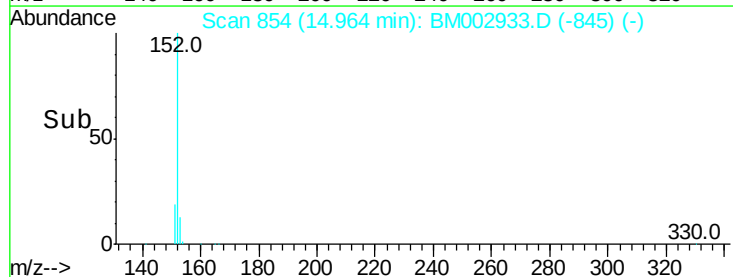
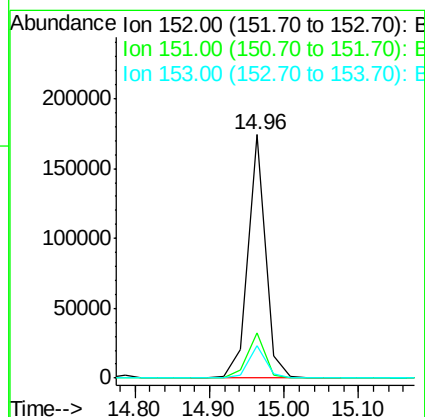
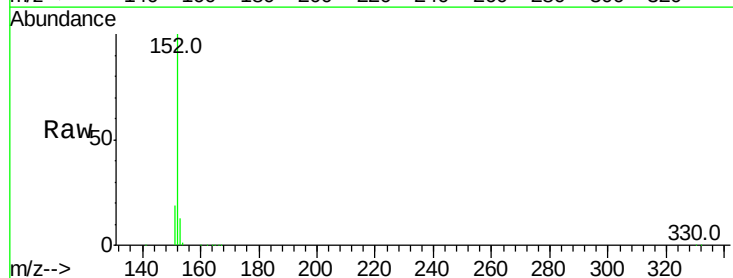
Instrument :
BNA_M
ClientSampleId :
PB86139BSD

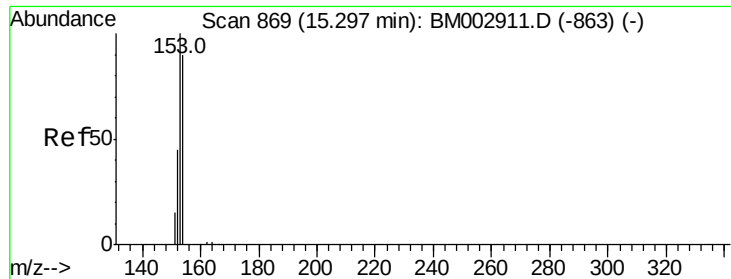
Tot Ion:172 Resp: 200153
Ion Ratio Lower Upper
172 100
171 33.6 26.1 39.1
170 20.8 15.7 23.5



#16
Acenaphthylene
Concen: 3.35 ng
RT: 14.96 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

Tgt Ion:152 Resp: 285042
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 13.0 10.5 15.7

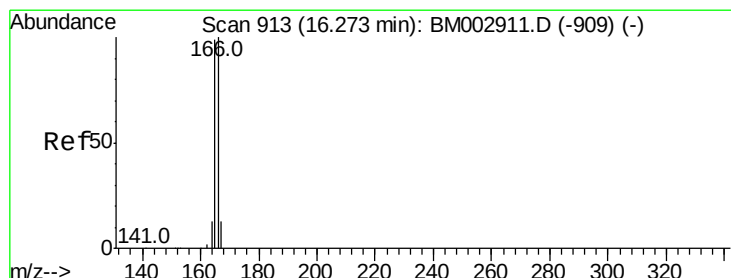
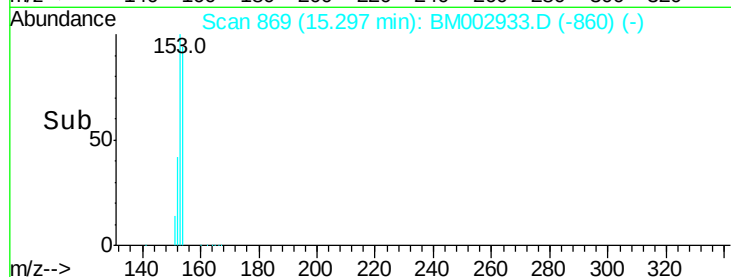
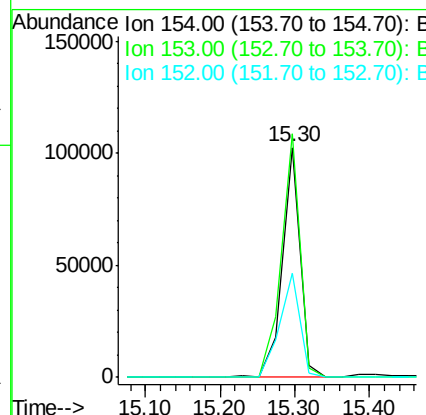
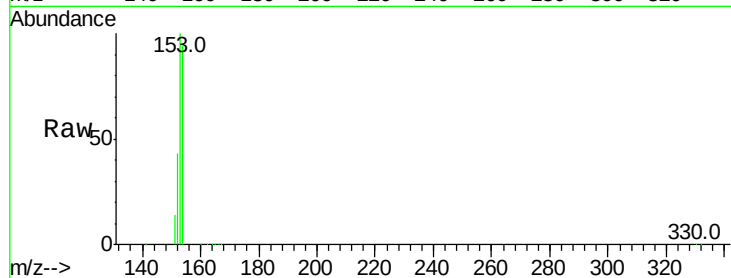




#17
Acenaphthene
Concen: 2.89 ng
RT: 15.30 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

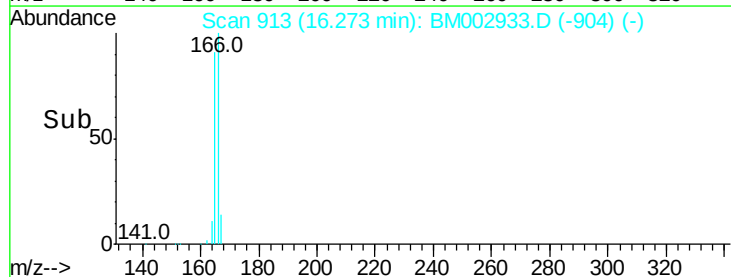
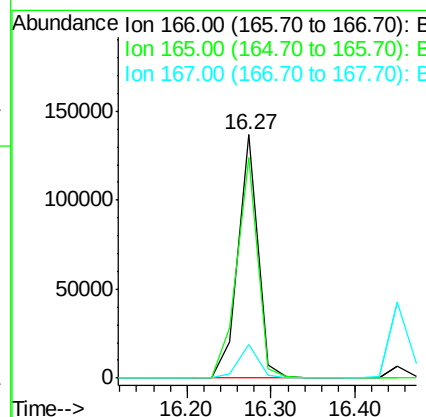
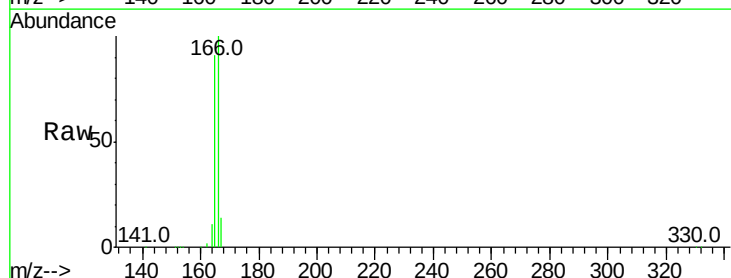
Instrument :
BNA_M
ClientSampleId :
PB86139BSD

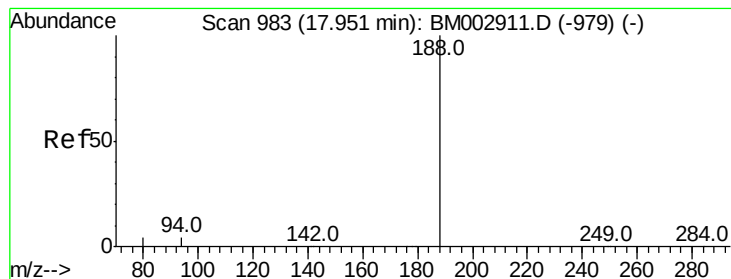
Tot Ion:154 Resp: 168325
Ion Ratio Lower Upper
154 100
153 111.0 0.0 0.0#
152 51.0 0.0 0.0#



#18
Fluorene
Concen: 3.18 ng
RT: 16.27 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

Tgt Ion:166 Resp: 221105
Ion Ratio Lower Upper
166 100
165 95.7 77.3 115.9
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 983

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

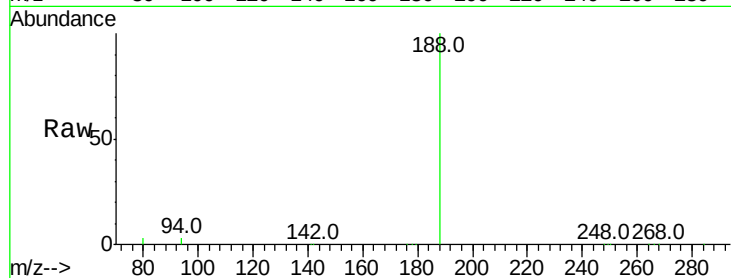
Tot Ion:188 Resp: 414060

Ion Ratio Lower Upper

188 100

94 3.4 15.2 22.8#

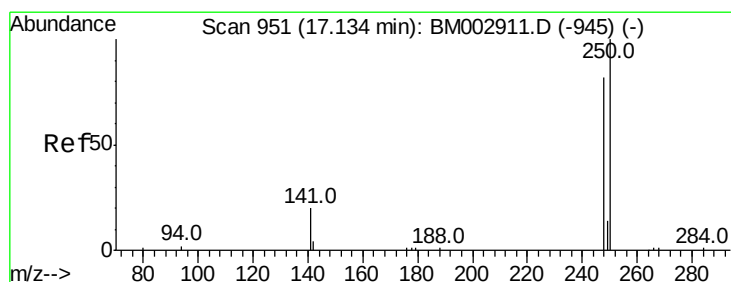
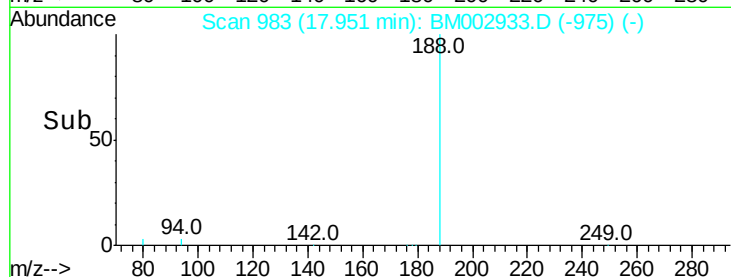
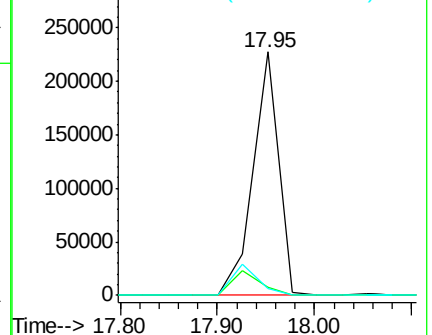
80 2.8 15.9 23.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 2.95 ng

RT: 17.13 min Scan# 951

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

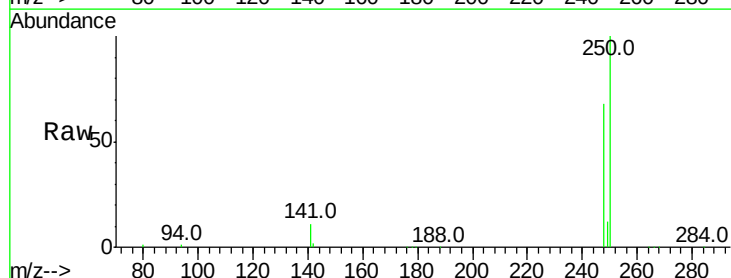
Tgt Ion:248 Resp: 50695

Ion Ratio Lower Upper

248 100

250 103.8 71.4 107.2

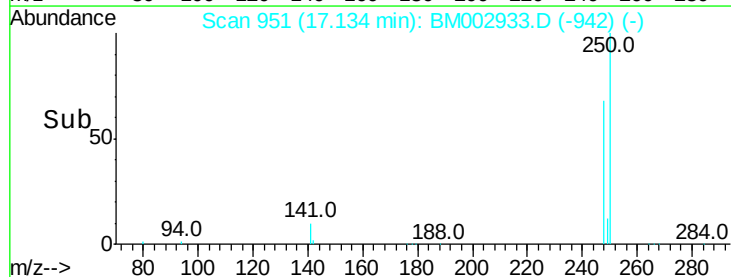
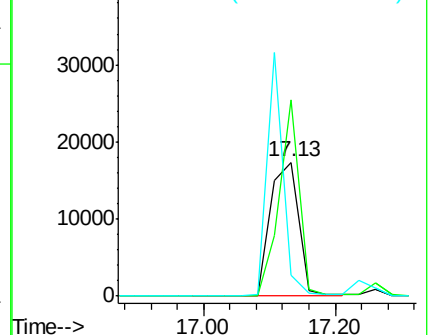
141 0.0 54.6 82.0#

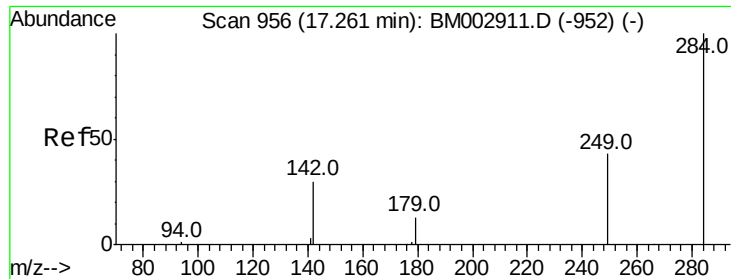


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

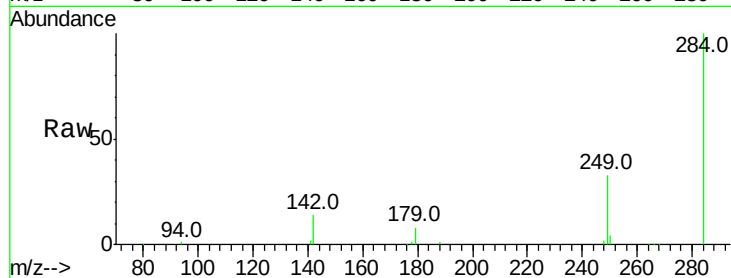




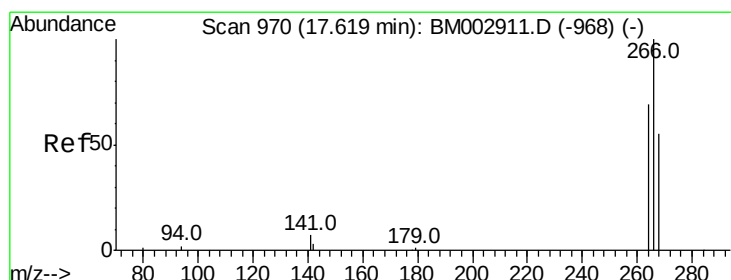
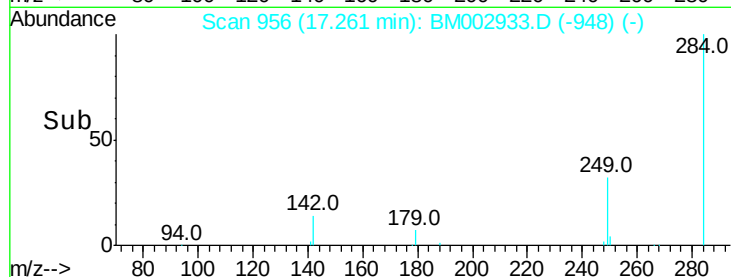
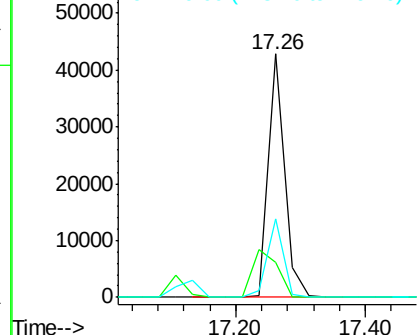
#21
Hexachlorobenzene
Concen: 4.47 ng
RT: 17.26 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

Instrument :
BNA_M
ClientSampleId :
PB86139BSD

Tot Ion:284 Resp: 74664
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 31.2 20.7 31.1#

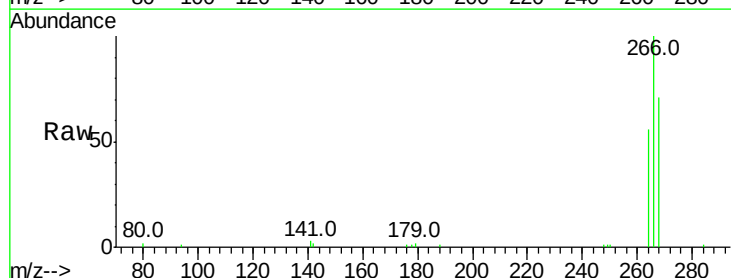


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

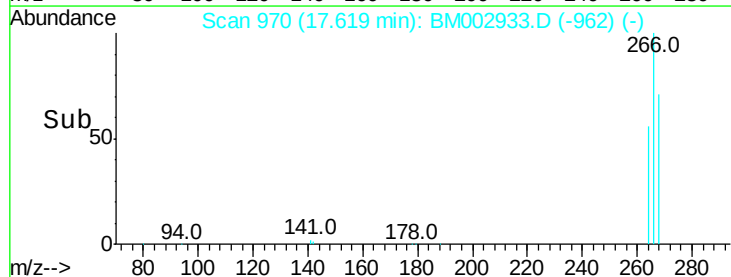
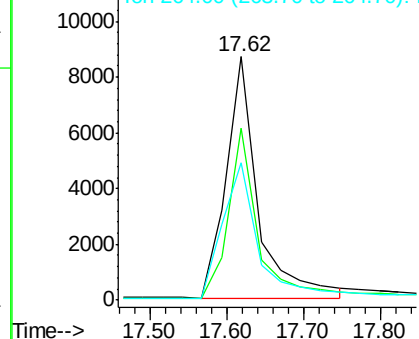


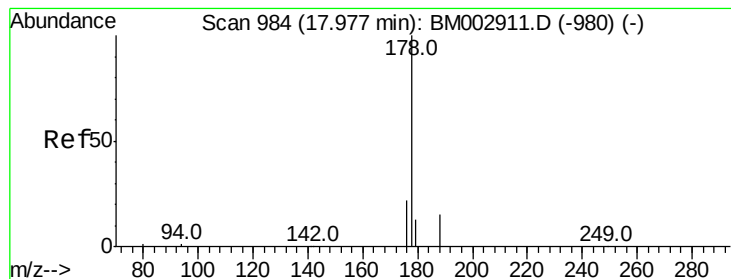
#22
Pentachlorophenol
Concen: 12.90 ng m
RT: 17.62 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

Tgt Ion:266 Resp: 25039
Ion Ratio Lower Upper
266 100
268 70.8 58.3 87.5
264 56.5 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: 3.65 ng

RT: 17.98 min Scan# 984

Delta R.T. -0.02 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

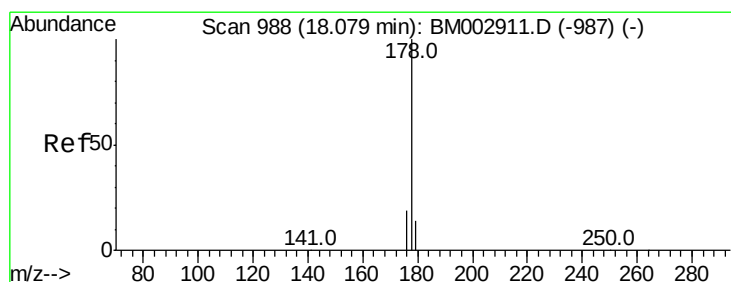
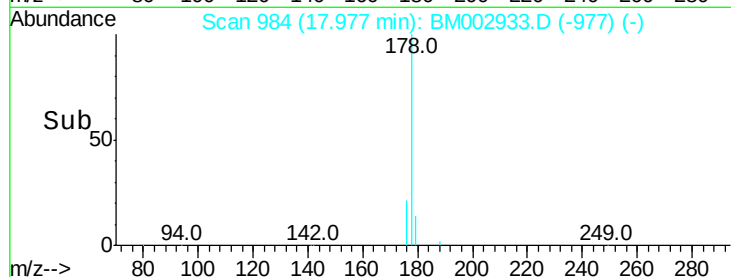
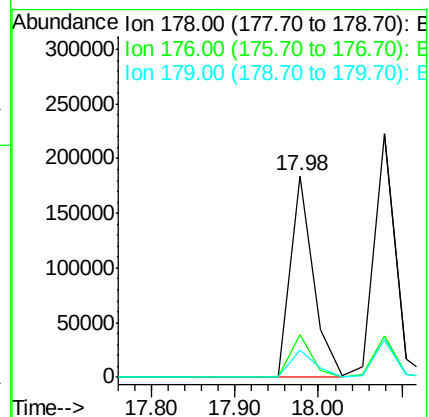
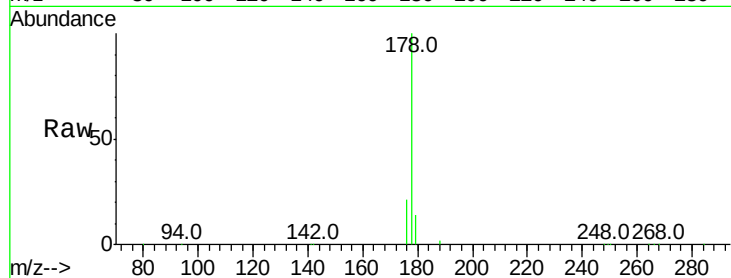
Tot Ion:178 Resp: 352605

Ion Ratio Lower Upper

178 100

176 19.6 14.6 21.8

179 14.8 12.5 18.7



#24

Anthracene

Concen: 4.18 ng

RT: 18.08 min Scan# 988

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

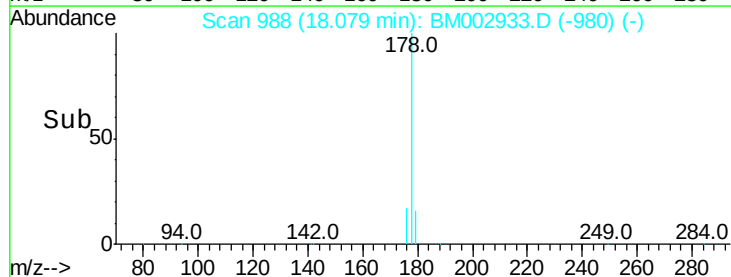
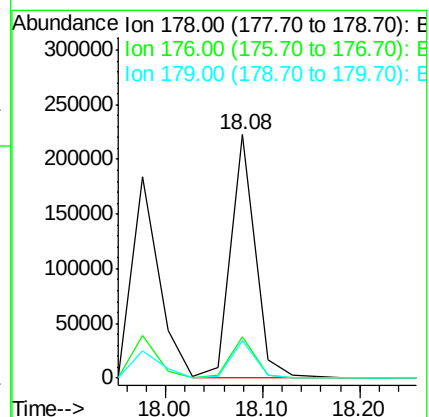
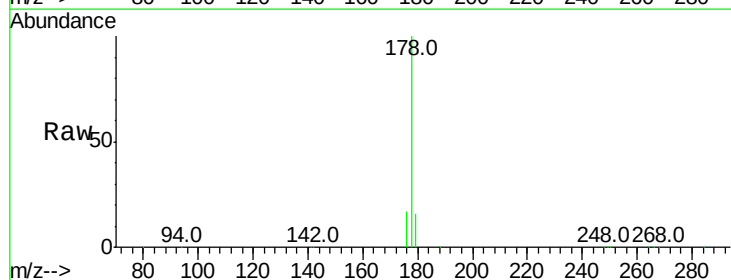
Tgt Ion:178 Resp: 384441

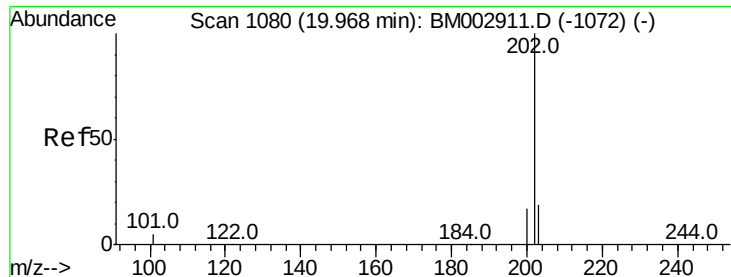
Ion Ratio Lower Upper

178 100

176 17.4 13.9 20.9

179 15.5 12.6 18.8





#25

Fluoranthene

Concen: 3.83 ng

RT: 19.95 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

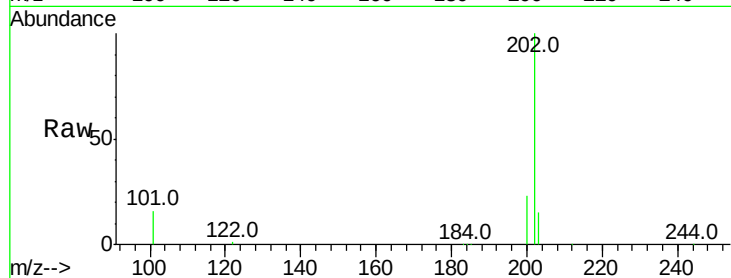
Tot Ion:202 Resp: 409026

Ion Ratio Lower Upper

202 100

101 13.8 11.0 16.6

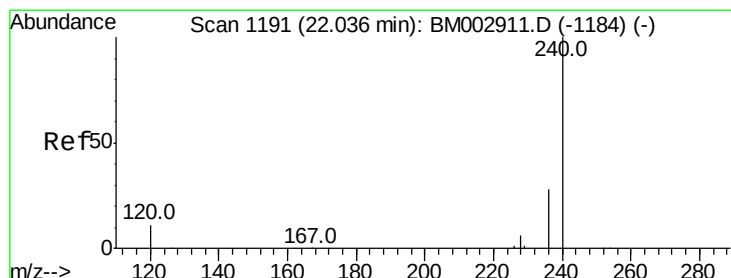
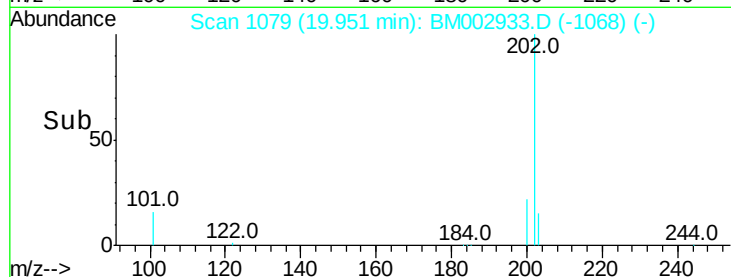
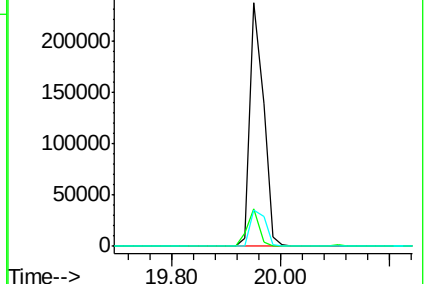
203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 22.04 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

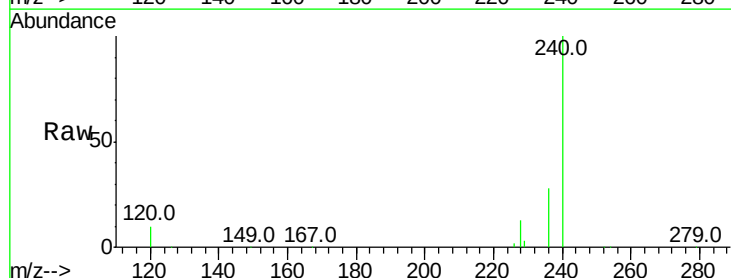
Tgt Ion:240 Resp: 414343

Ion Ratio Lower Upper

240 100

120 10.0 3.3 4.9#

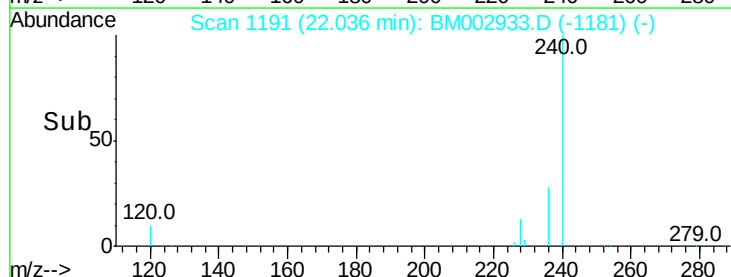
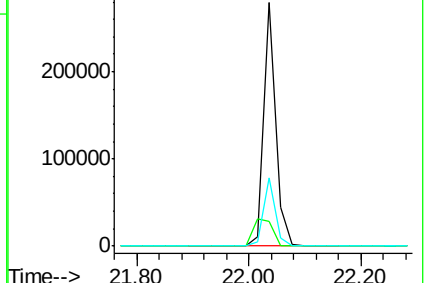
236 28.3 19.5 29.3

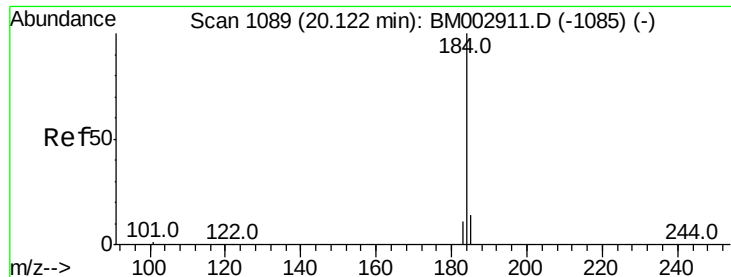


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

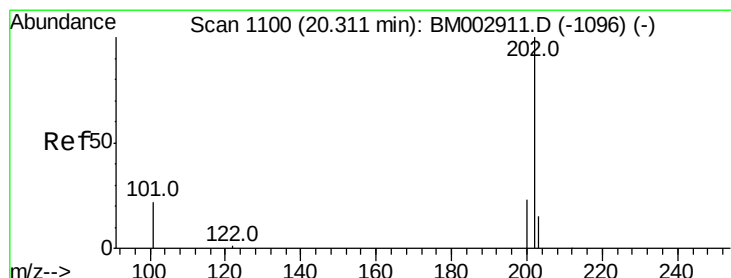
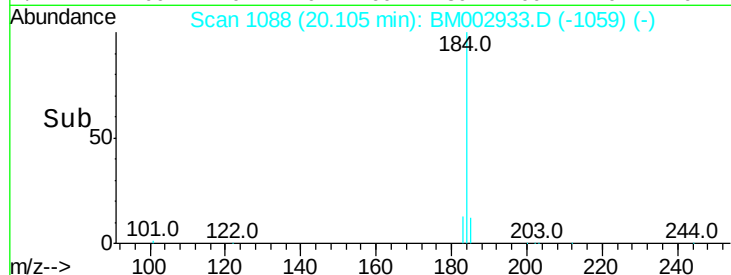
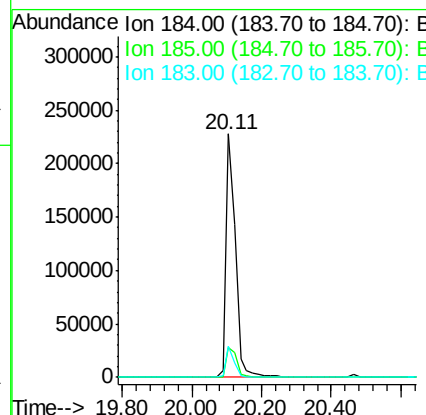
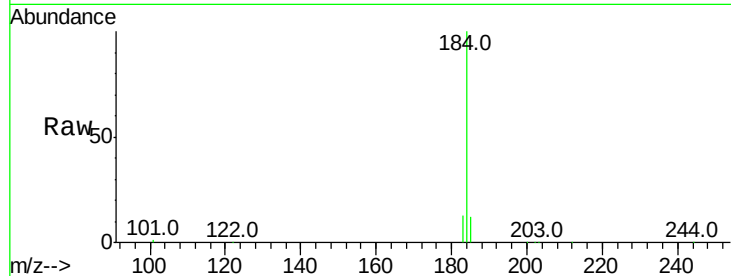




#27
Benzidine
Concen: 7.02 ng
RT: 20.11 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

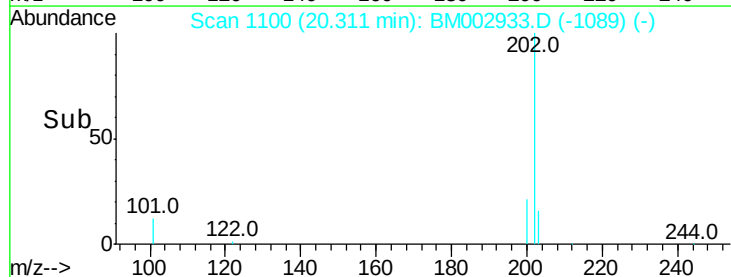
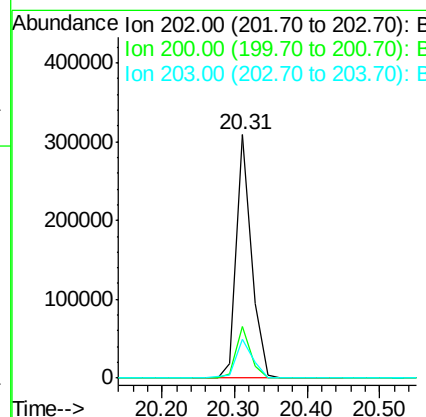
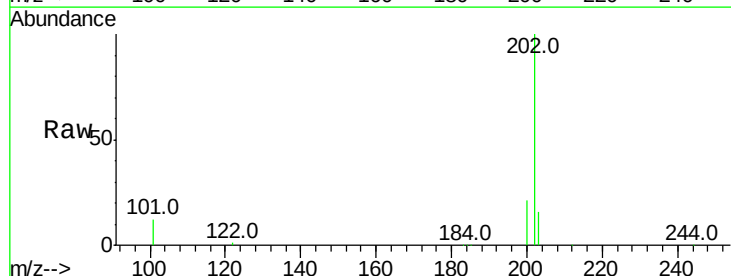
Instrument :
BNA_M
ClientSampleId :
PB86139BSD

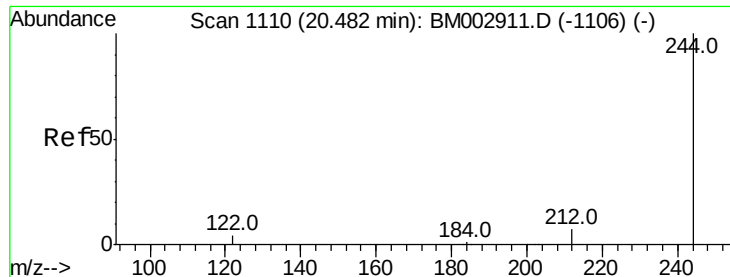
Tot Ion:184 Resp: 428739
Ion Ratio Lower Upper
184 100
185 12.1 12.0 18.0
183 12.9 8.9 13.3



#28
Pyrene
Concen: 3.61 ng
RT: 20.31 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

Tgt Ion:202 Resp: 441358
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.6 13.8 20.8





#29

Terphenyl-d14

Concen: 3.28 ng

RT: 20.48 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

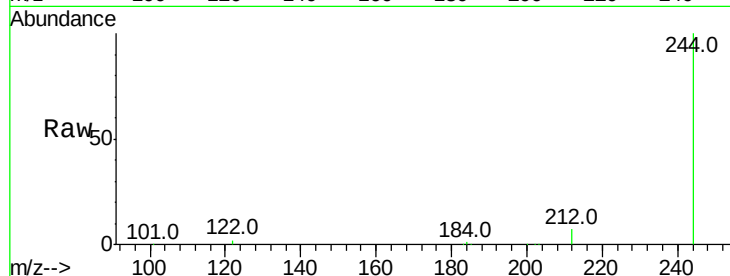
Tot Ion:244 Resp: 203702

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

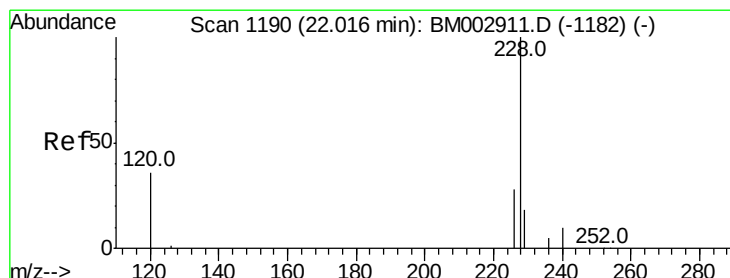
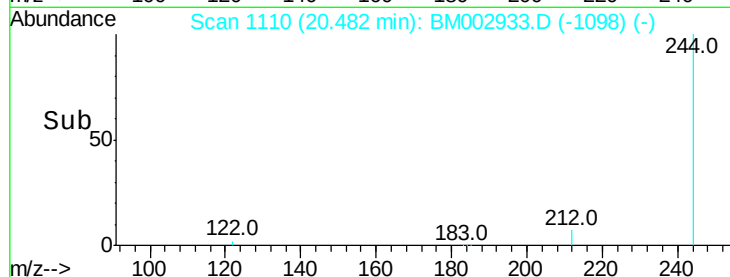
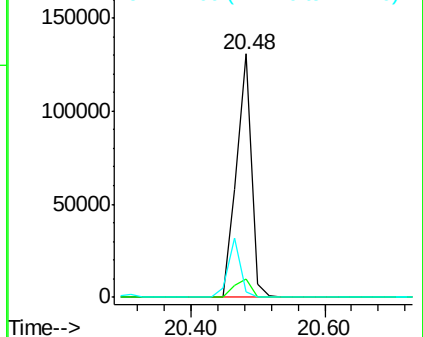
122 2.5 2.2 3.2



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: 3.89 ng

RT: 22.02 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

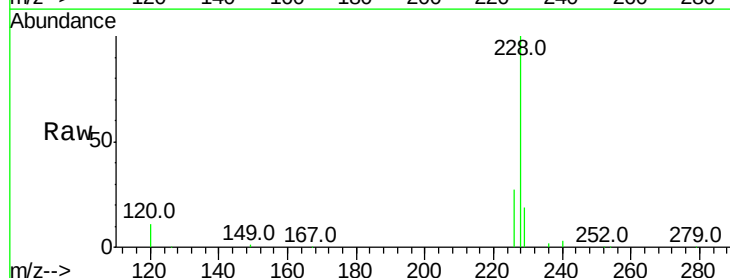
Tgt Ion:228 Resp: 466213

Ion Ratio Lower Upper

228 100

226 26.6 19.0 28.6

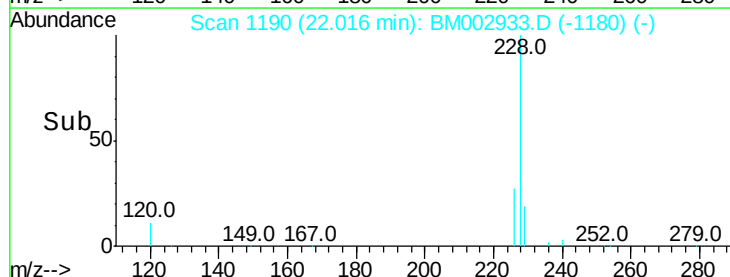
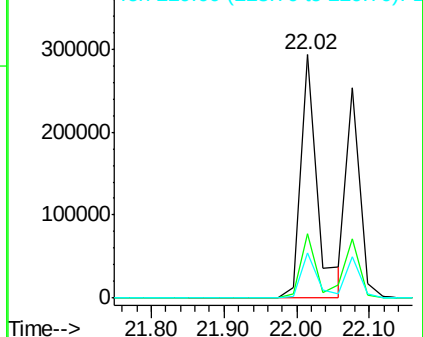
229 18.8 16.8 25.2

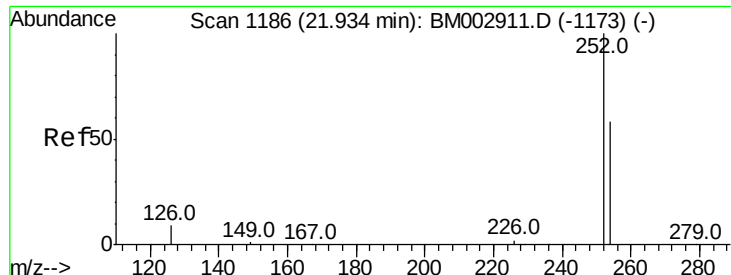


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

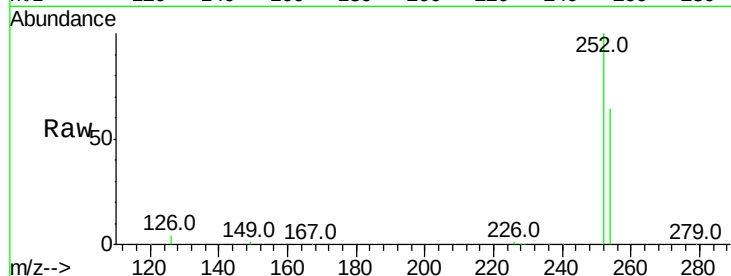




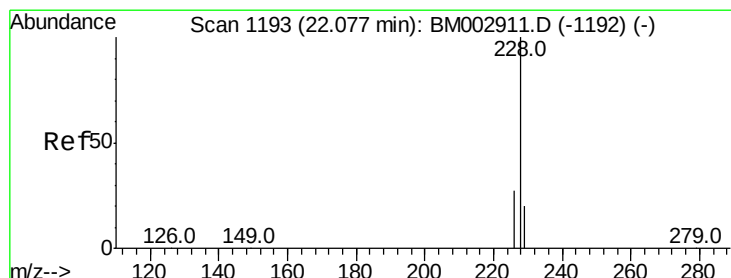
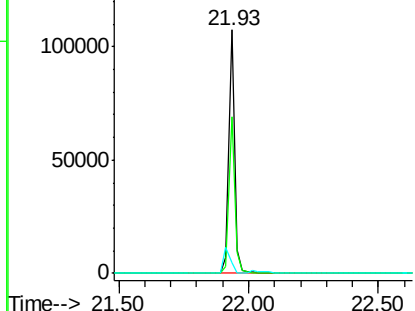
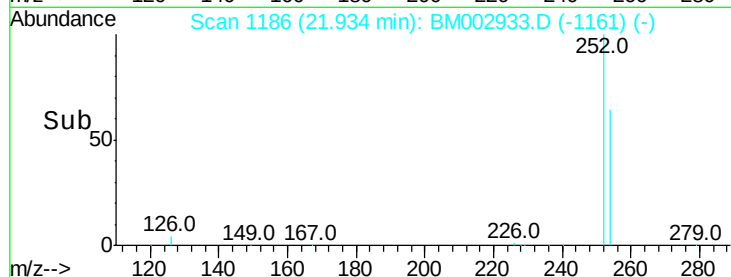
#31
 3,3'-Dichlorobenzidine
 Concen: 3.91 ng
 RT: 21.93 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BM002933.D
 Acq: 16 Oct 2015 14:17

Instrument :
 BNA_M
 ClientSampleId :
 PB86139BSD

Tot Ion:252 Resp: 158536
 Ion Ratio Lower Upper
 252 100
 254 64.2 54.1 81.1
 126 4.3 4.1 6.1

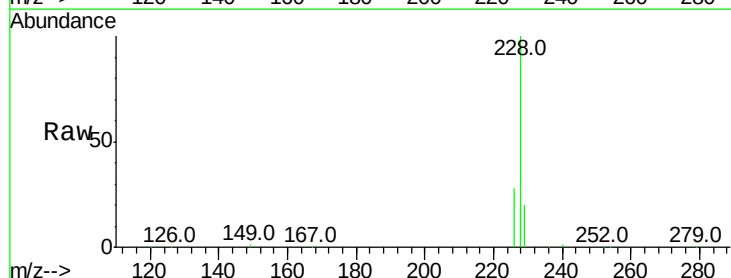


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

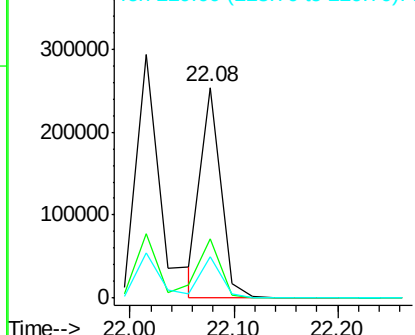
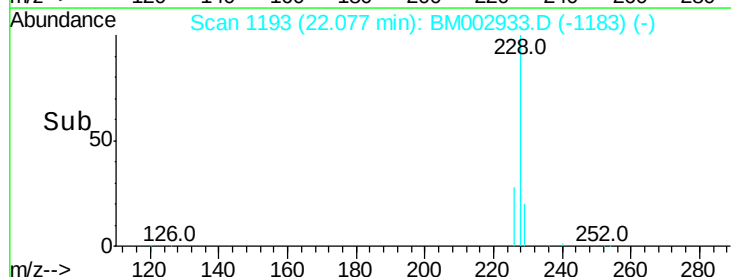


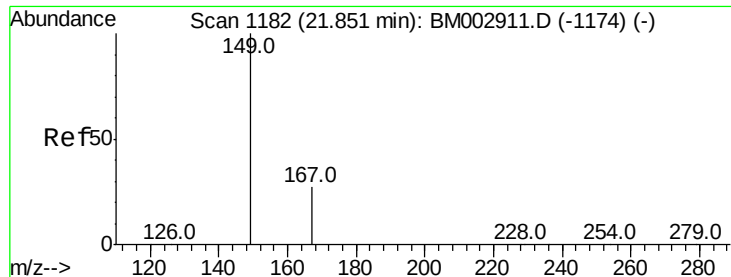
#32
 Chrysene
 Concen: 3.00 ng
 RT: 22.08 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM002933.D
 Acq: 16 Oct 2015 14:17

Tgt Ion:228 Resp: 335791
 Ion Ratio Lower Upper
 228 100
 226 28.0 20.6 30.8
 229 19.8 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: 3.53 ng

RT: 21.85 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

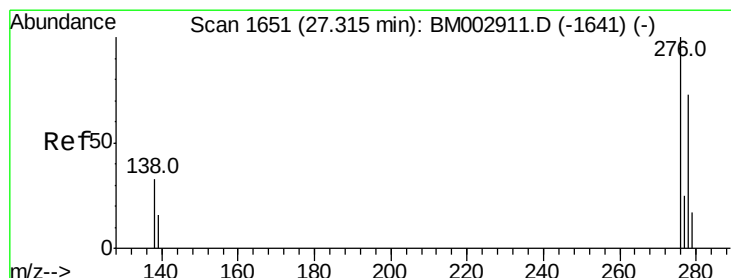
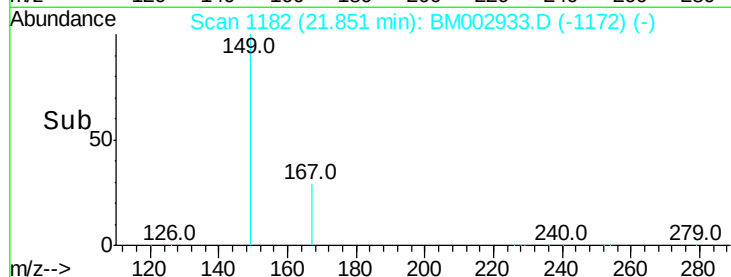
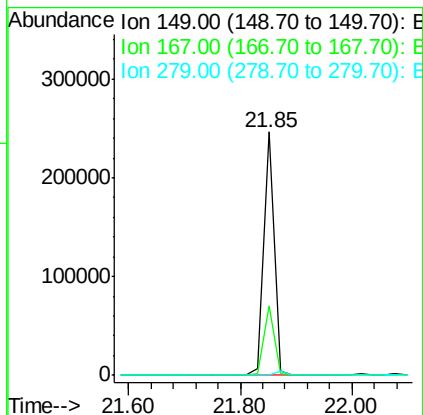
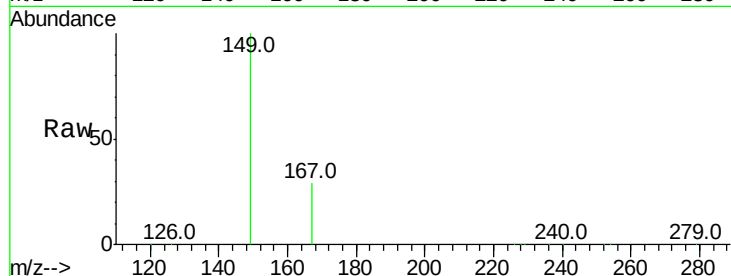
Tot Ion:149 Resp: 317688

Ion Ratio Lower Upper

149 100

167 28.5 17.2 25.8#

279 0.0 2.2 3.4#



#34

Indeno(1,2,3-cd)pyrene

Concen: 3.20 ng

RT: 27.29 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

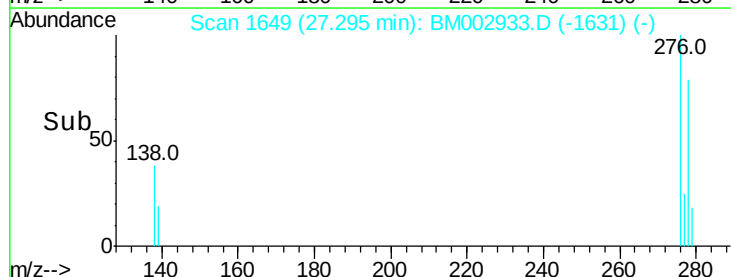
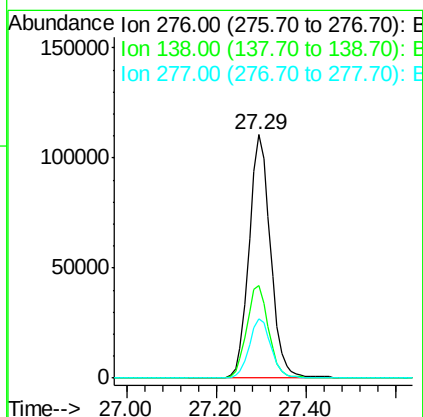
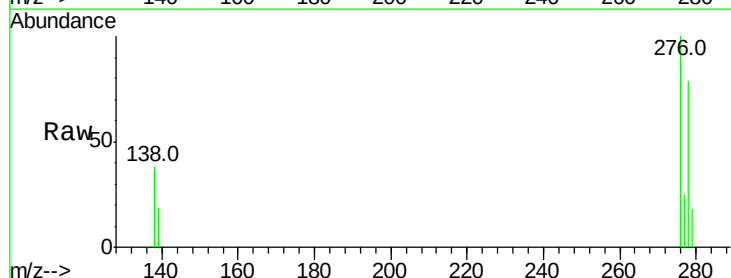
Tgt Ion:276 Resp: 368746

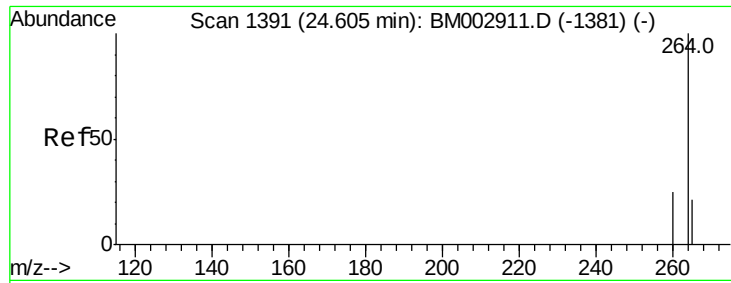
Ion Ratio Lower Upper

276 100

138 38.7 29.0 43.6

277 24.8 19.8 29.8

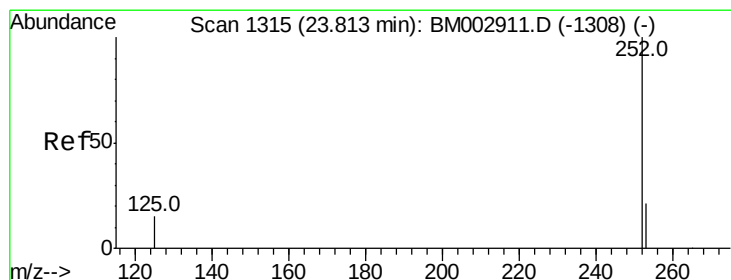
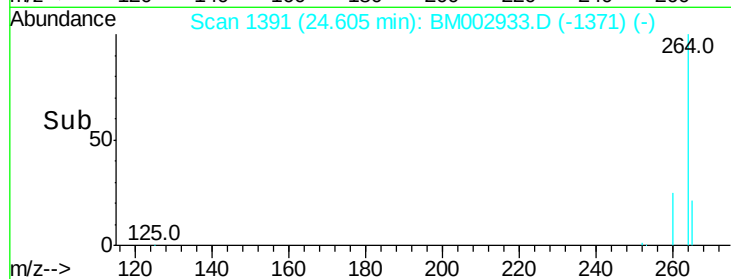
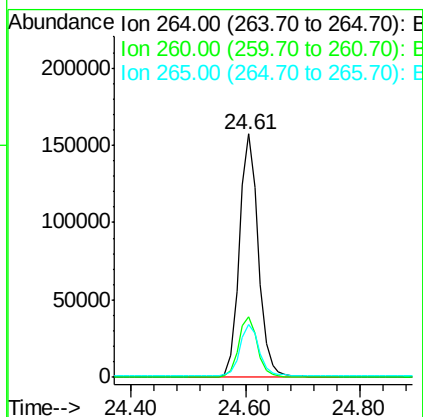
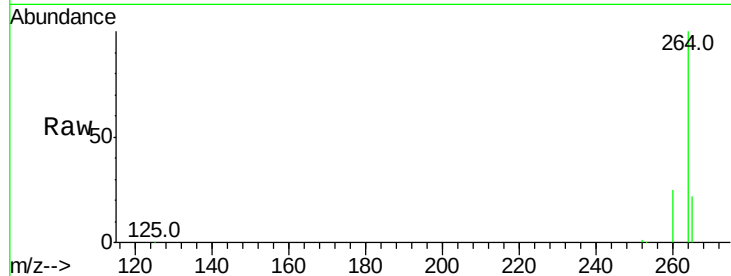




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.61 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BM002933.D
 Acq: 16 Oct 2015 14:17

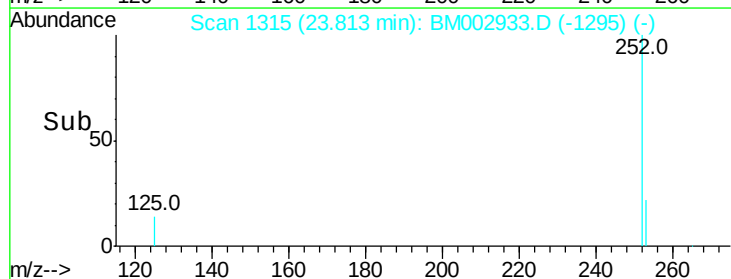
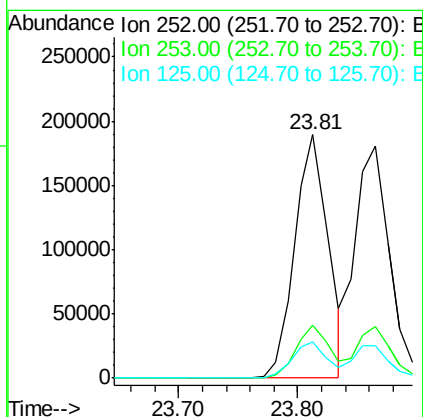
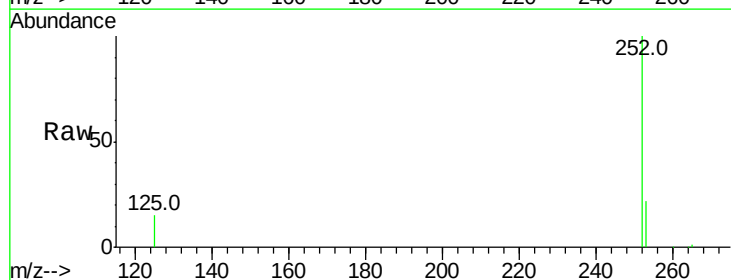
Instrument :
 BNA_M
 ClientSampleId :
 PB86139BSD

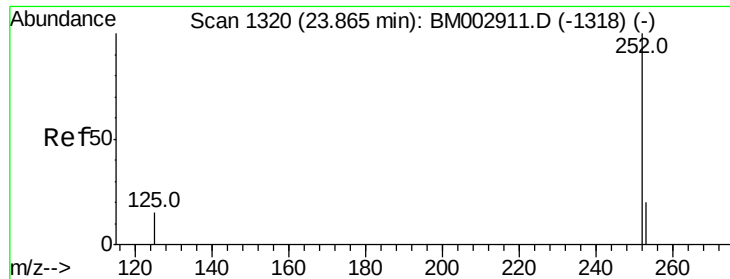
Tot Ion:264 Resp: 359102
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.0 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 3.58 ng
 RT: 23.81 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BM002933.D
 Acq: 16 Oct 2015 14:17

Tgt Ion:252 Resp: 368547
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 14.7 12.4 18.6

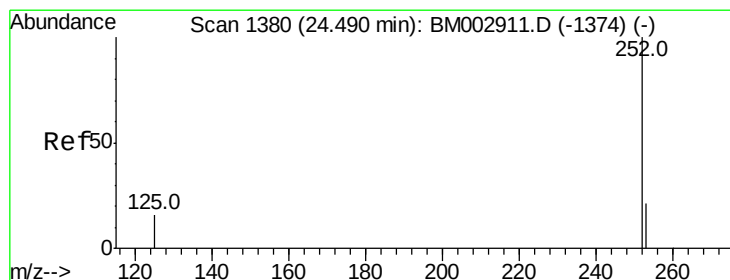
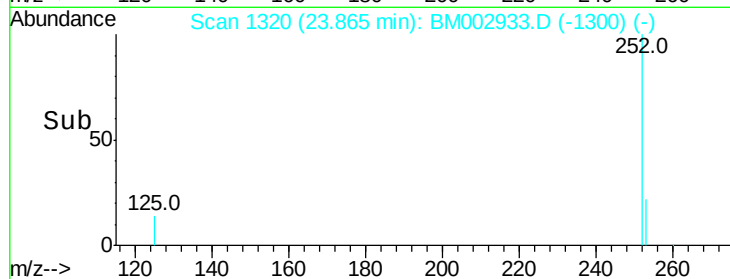
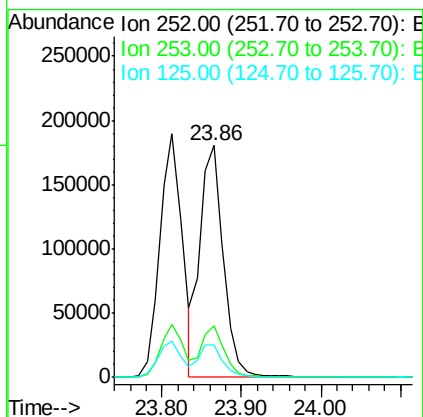
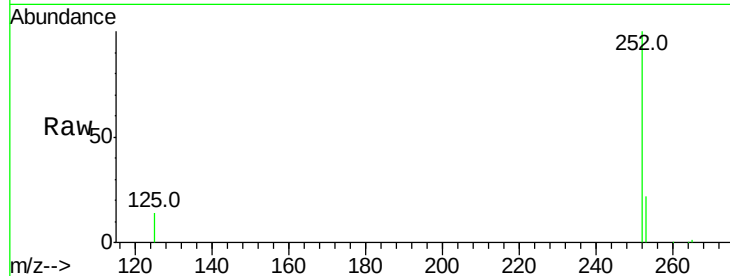




#37
Benzo(k)fluoranthene
Concen: 3.62 ng
RT: 23.86 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

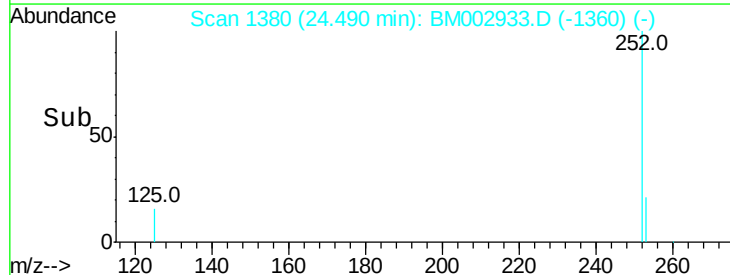
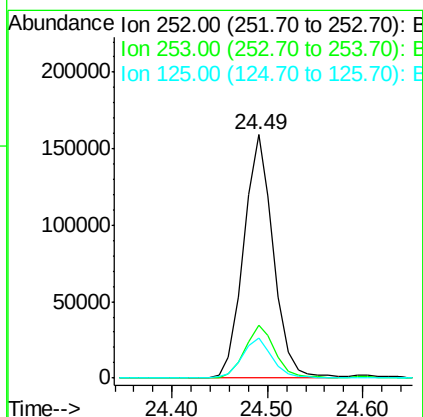
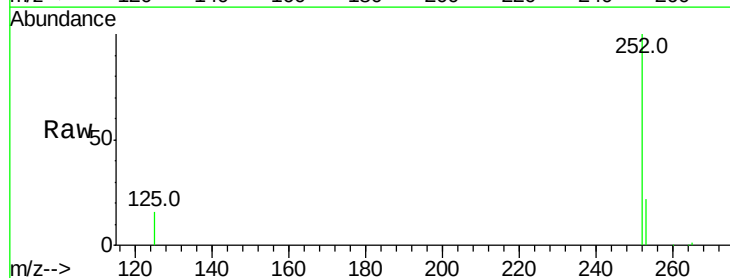
Instrument :
BNA_M
ClientSampleId :
PB86139BSD

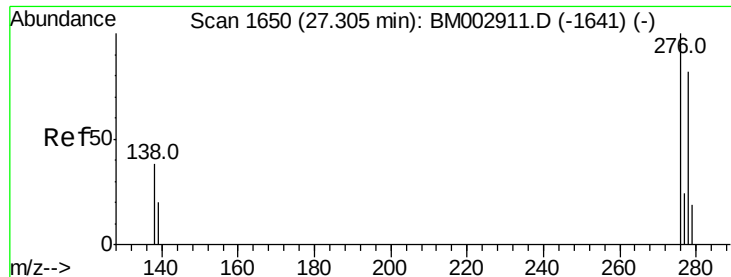
Tot Ion:252 Resp: 364651
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 14.2 12.3 18.5



#38
Benzo(a)pyrene
Concen: 3.76 ng
RT: 24.49 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BM002933.D
Acq: 16 Oct 2015 14:17

Tgt Ion:252 Resp: 342186
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 16.3 13.3 19.9





#39

Dibenzo(a,h)anthracene

Concen: 3.43 ng

RT: 27.29 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

Instrument :

BNA_M

ClientSampleId :

PB86139BSD

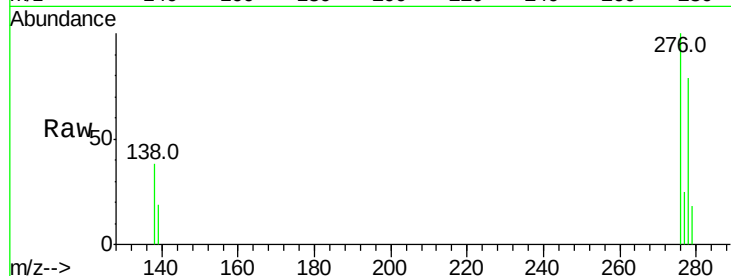
Tot Ion:278 Resp: 299291

Ion Ratio Lower Upper

278 100

139 24.4 19.8 29.6

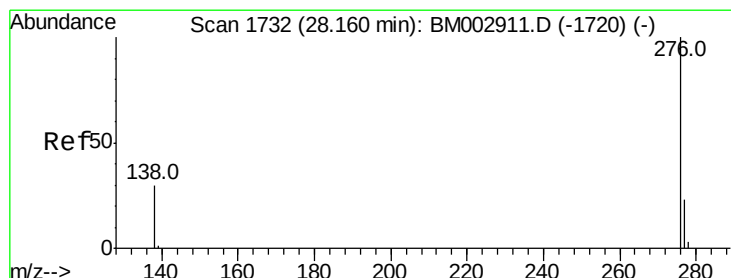
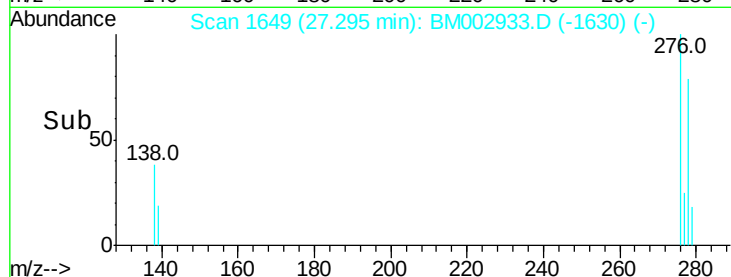
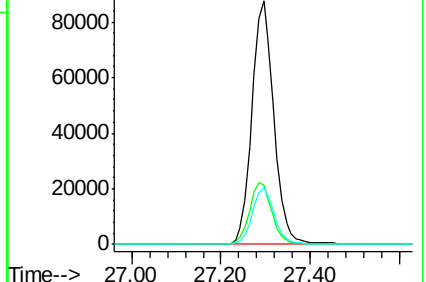
279 23.3 19.1 28.7



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: 3.34 ng

RT: 28.14 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM002933.D

Acq: 16 Oct 2015 14:17

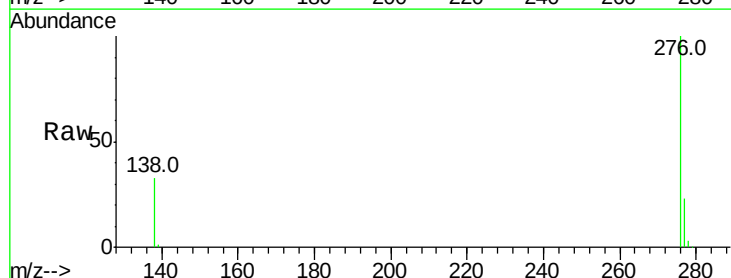
Tgt Ion:276 Resp: 304599

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 33.1 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

