

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020216\
 Data File : BM004167.D
 Acq On : 02 Feb 2016 17:10
 Operator : SJ/IZ
 Sample : PB88134BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88134BS

Quant Time: Feb 03 00:53:38 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	23911	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	105836	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	64297	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	159318	5.00	ng	0.00
26) Chrysene-d12	21.27	240	170003	5.00	ng	0.00
35) Perylene-d12	23.51	264	149284	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	33101	6.64	ng	-0.02
5) Phenol-d6	6.85	99	43986	7.30	ng	0.00
8) Nitrobenzene-d5	8.82	82	19718	4.25	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	15527	6.22	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	71986	3.65	ng	0.00
29) Terphenyl-d14	19.71	244	85029	3.93	ng	0.00

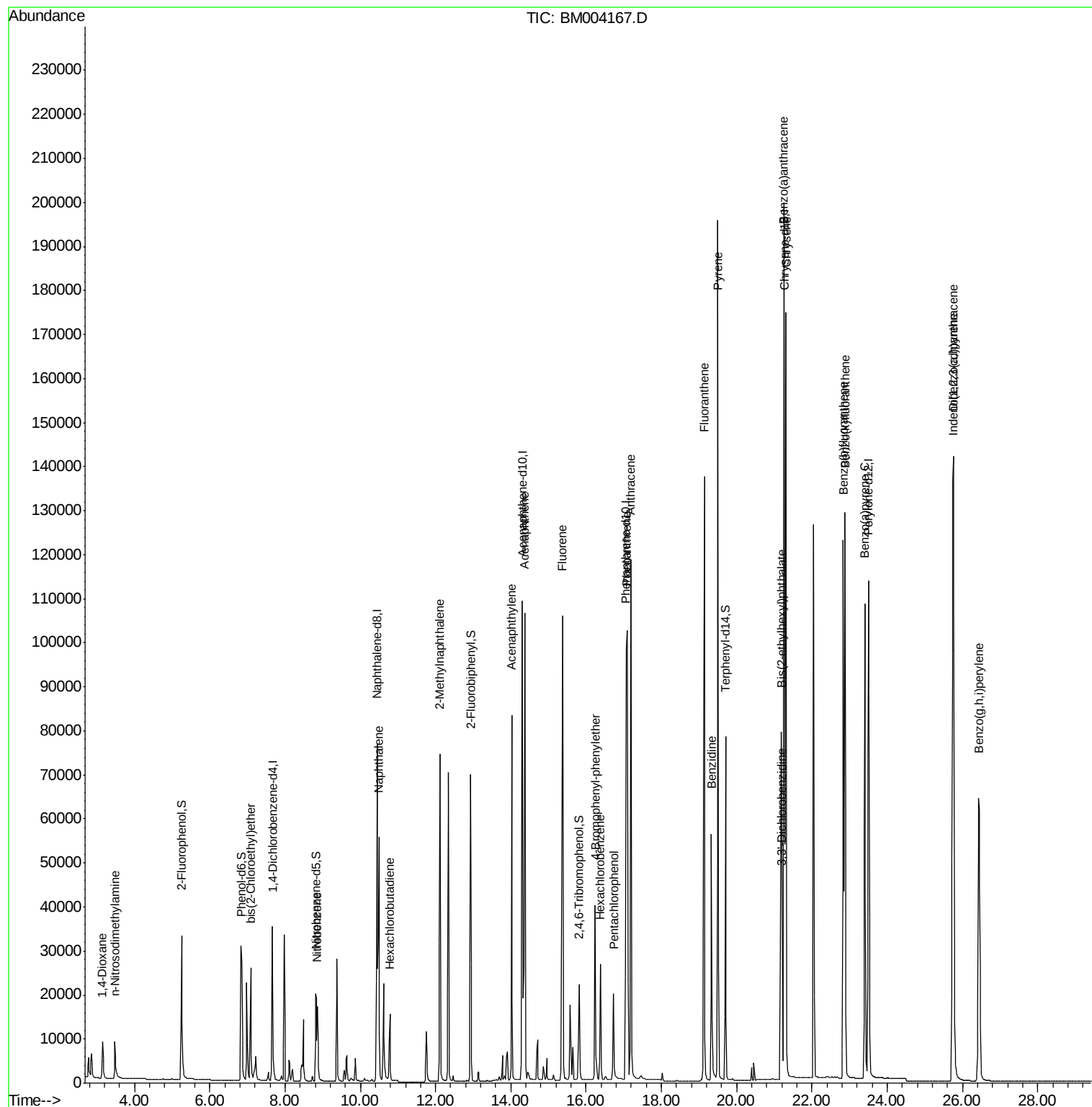
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	7082	3.26	ng	96
3) n-Nitrosodimethylamine	3.48	42	7776	3.65	ng	94
6) bis(2-Chloroethyl)ether	7.09	93	20280	3.63	ng	99
9) Nitrobenzene	8.86	77	20915	3.25	ng	99
10) Naphthalene	10.49	128	81415	3.30	ng	97
11) Hexachlorobutadiene	10.78	225	12255	3.22	ng	99
12) 2-Methylnaphthalene	12.11	142	59293	3.68	ng	# 89
16) Acenaphthylene	14.02	152	105311	3.79	ng	100
17) Acenaphthene	14.37	154	63784	3.04	ng	98
18) Fluorene	15.37	166	81575	3.19	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	23154	4.46	ng	# 78
21) Hexachlorobenzene	16.37	284	22610	4.15	ng	# 72
22) Pentachlorophenol	16.73	266	16708	7.26	ng	91
23) Phenanthrene	17.09	178	139547	4.52	ng	98
24) Anthracene	17.19	178	149421	4.10	ng	99
25) Fluoranthene	19.14	202	164748	3.82	ng	100
27) Benzidine	19.33	184	85692	6.15	ng	97
28) Pyrene	19.50	202	184103	3.91	ng	100
30) Benzo(a)anthracene	21.25	228	197303	3.96	ng	# 84
31) 3,3'-Dichlorobenzidine	21.21	252	45974	3.65	ng	# 83
32) Chrysene	21.31	228	149319	3.47	ng	91
33) Bis(2-ethylhexyl)phthalate	21.19	149	75776	3.57	ng	94
34) Indeno(1,2,3-cd)pyrene	25.75	276	156238	3.07	ng	99
36) Benzo(b)fluoranthene	22.83	252	193490	4.18	ng	94
37) Benzo(k)fluoranthene	22.88	252	148804	3.55	ng	98
38) Benzo(a)pyrene	23.40	252	154025	3.78	ng	97
39) Dibenzo(a,h)anthracene	25.76	278	124021	3.38	ng	97
40) Benzo(g,h,i)perylene	26.43	276	131753	3.29	ng	98

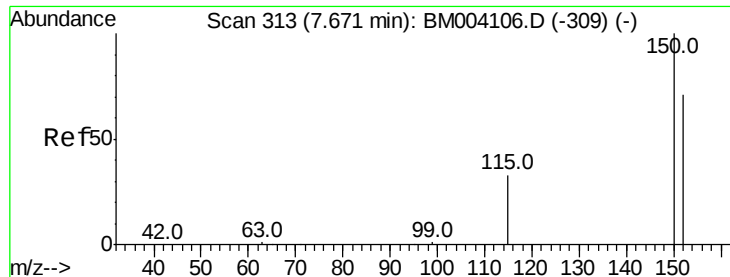
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

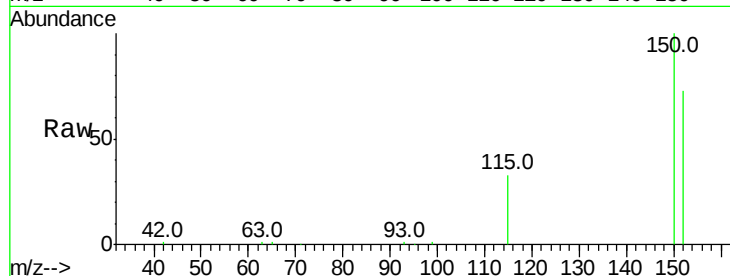
Tot Ion:152 Resp: 23911

Ion Ratio Lower Upper

152 100

150 137.3 122.9 184.3

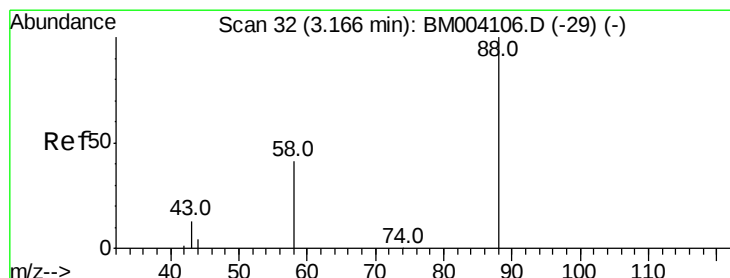
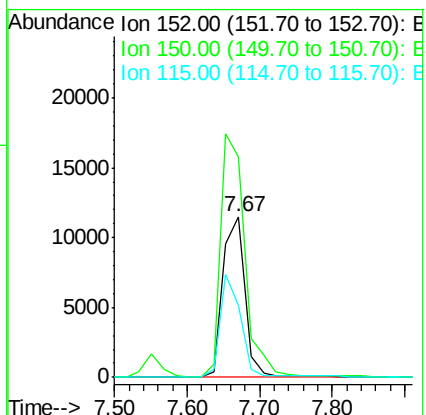
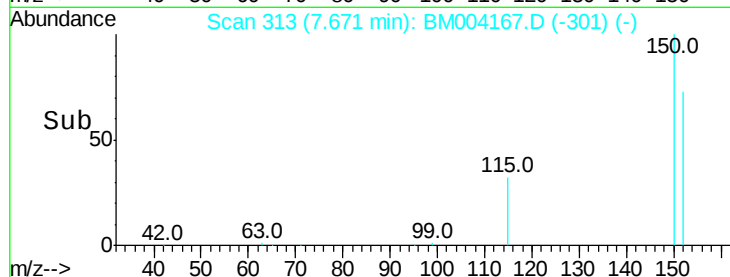
115 45.0 44.4 66.6



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: 3.26 ng

RT: 3.15 min Scan# 31

Delta R.T. -0.02 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

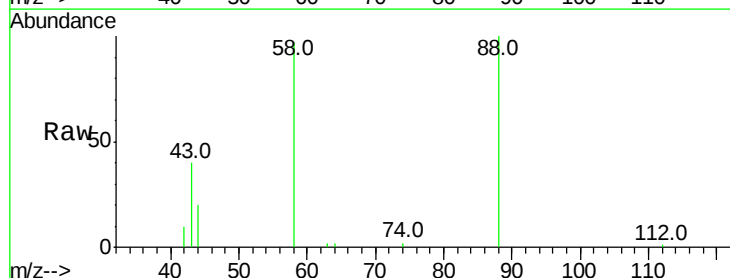
Tgt Ion: 88 Resp: 7082

Ion Ratio Lower Upper

88 100

58 71.8 53.8 80.6

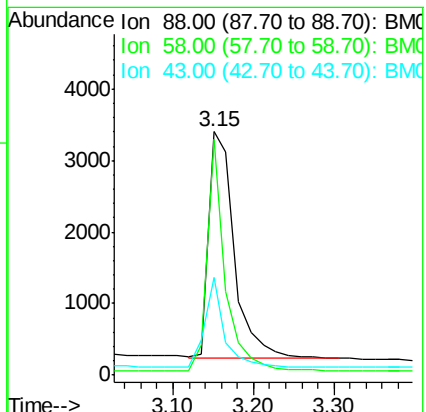
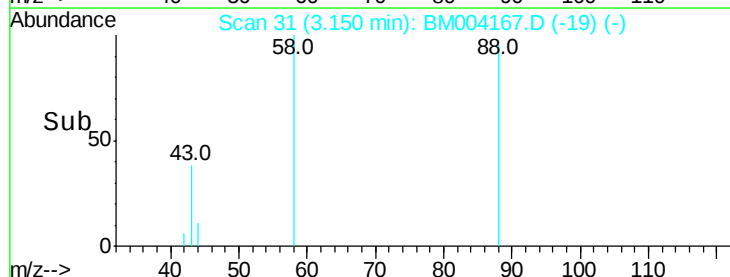
43 29.9 23.8 35.6

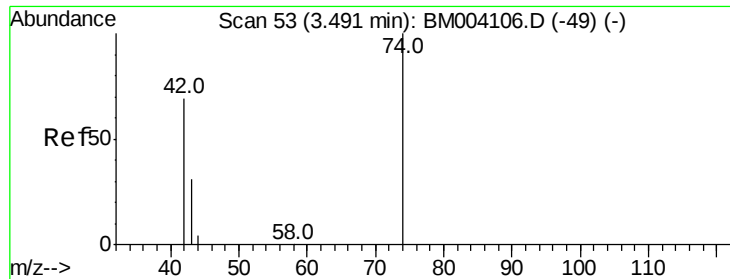


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.65 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

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ClientSampleId :

PB88134BS

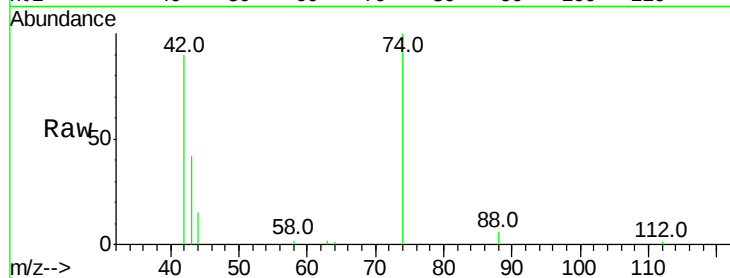
Tot Ion: 42 Resp: 7776

Ion Ratio Lower Upper

42 100

74 125.7 95.0 142.4

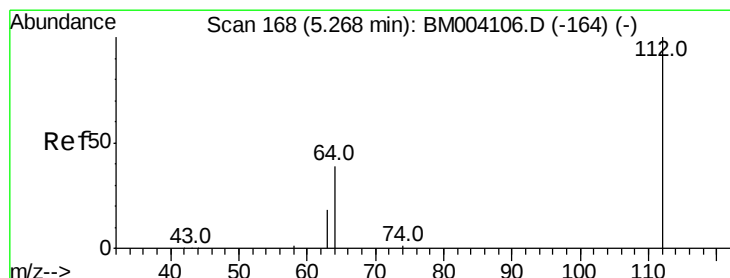
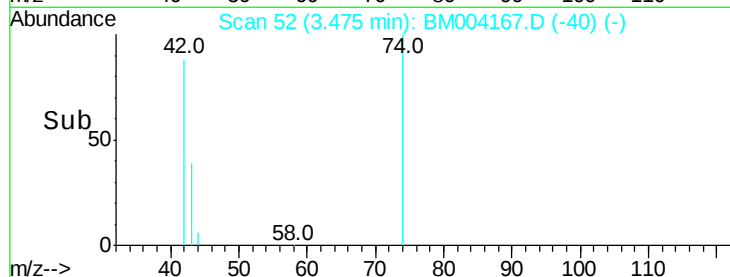
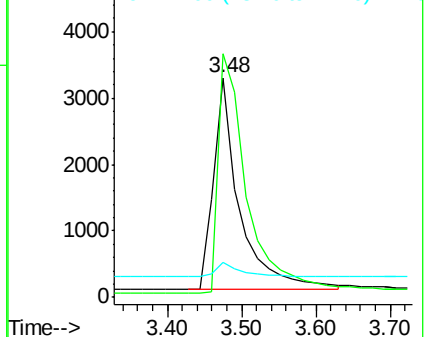
44 6.4 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004106.D (-49) (-)

Ion 74.00 (73.70 to 74.70): BM004106.D (-49) (-)

Ion 44.00 (43.70 to 44.70): BM004106.D (-49) (-)



#4

2-Fluorophenol

Concen: 6.64 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

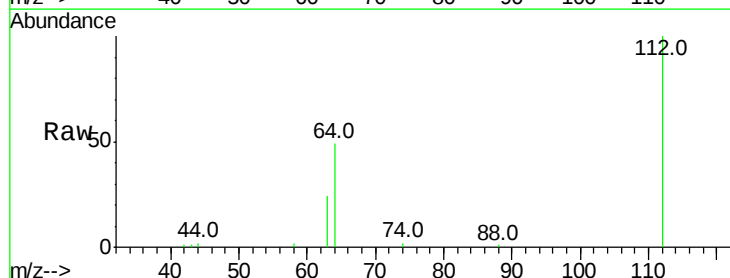
Tgt Ion: 112 Resp: 33101

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

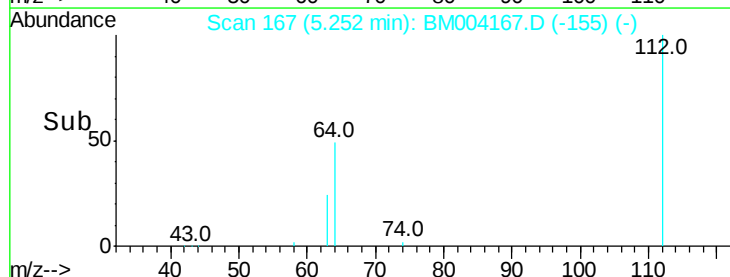
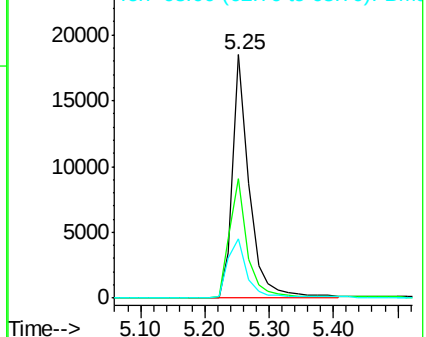
63 27.5 22.1 33.1

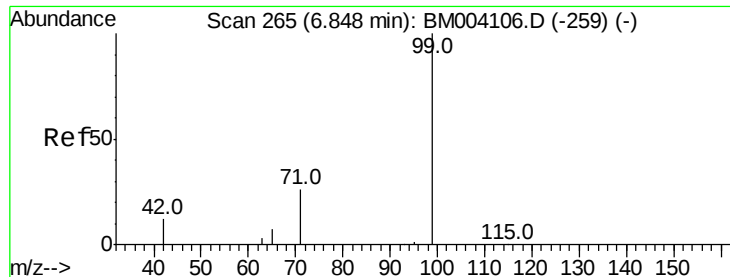


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM004106.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-164) (-)





#5

Phenol-d6

Concen: 7.30 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

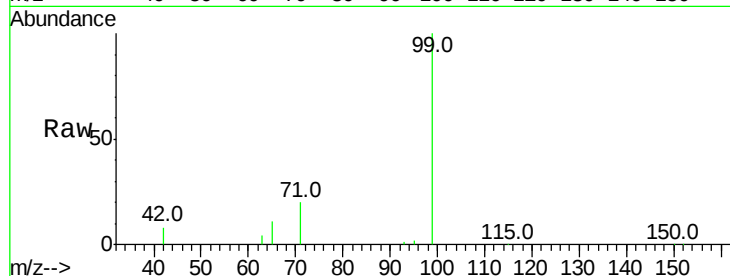
Tot Ion: 99 Resp: 43986

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

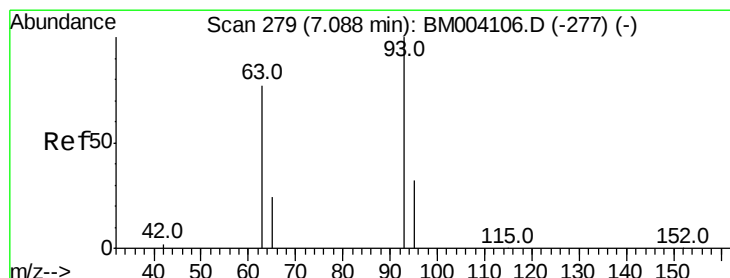
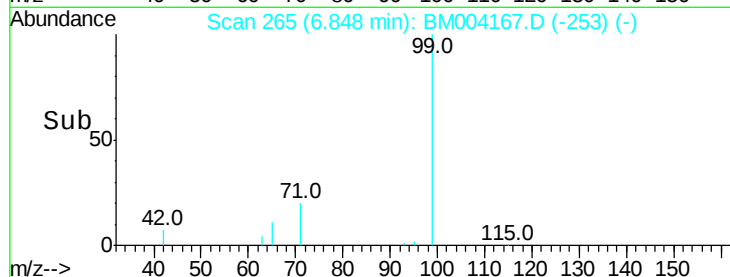
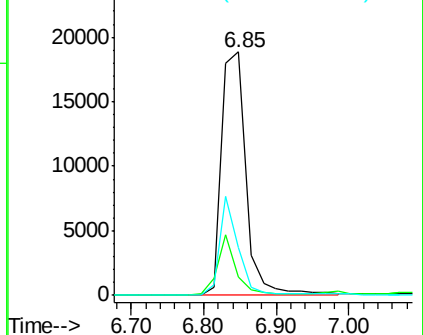
71 31.0 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004106.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM004106.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM004106.D (-259) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.63 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

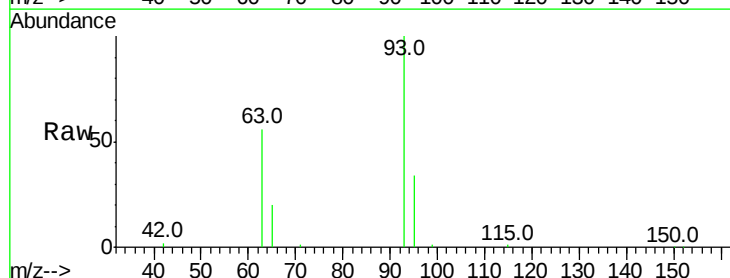
Tgt Ion: 93 Resp: 20280

Ion Ratio Lower Upper

93 100

63 72.5 58.3 87.5

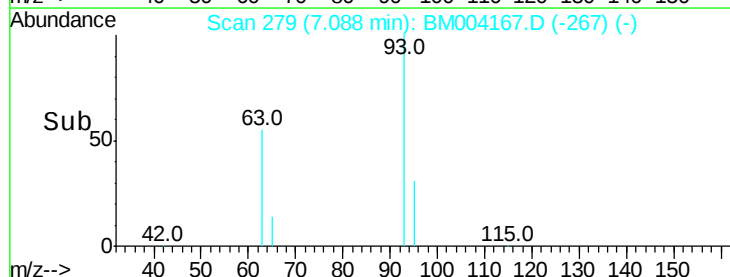
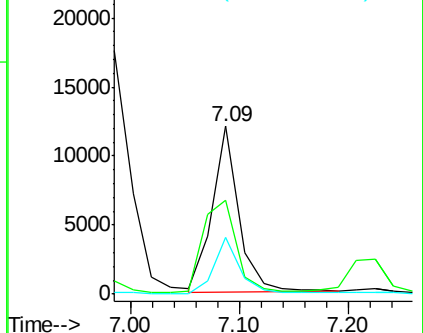
95 32.9 25.8 38.8

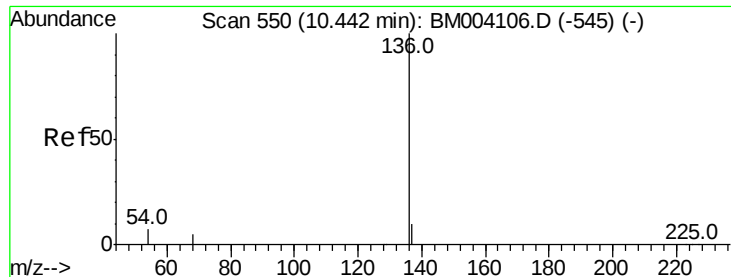


Abundance Ion 93.00 (92.70 to 93.70): BM004106.D (-277) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-277) (-)

Ion 95.00 (94.70 to 95.70): BM004106.D (-277) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

Tot Ion:136 Resp: 105836

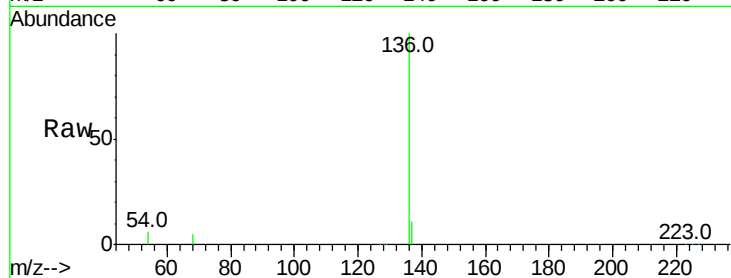
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 5.8 2.8 4.2#

68 4.5 2.5 3.7#

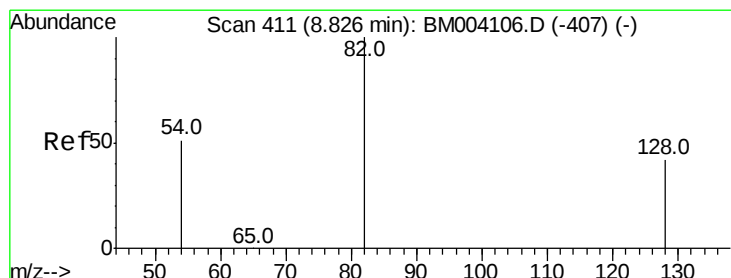
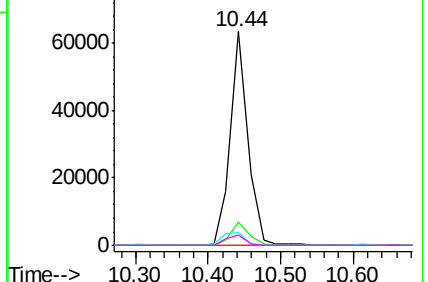
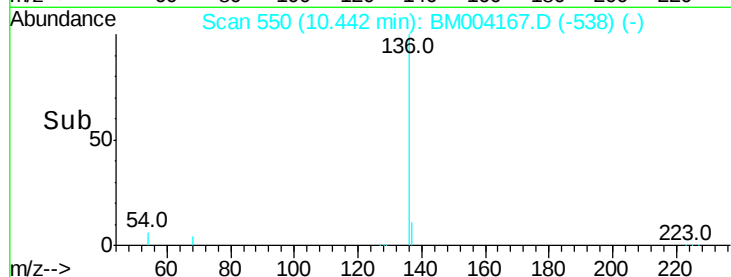


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.25 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.01 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

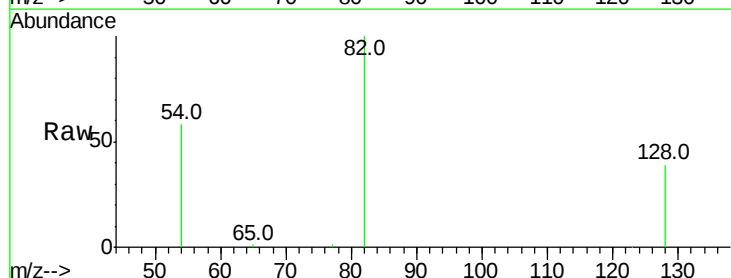
Tgt Ion: 82 Resp: 19718

Ion Ratio Lower Upper

82 100

128 38.9 39.1 58.7#

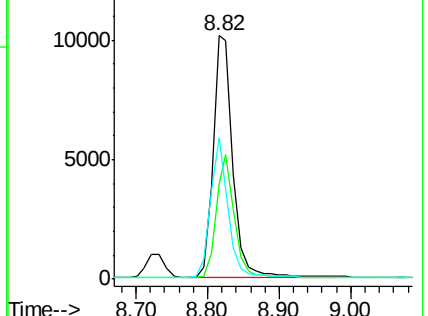
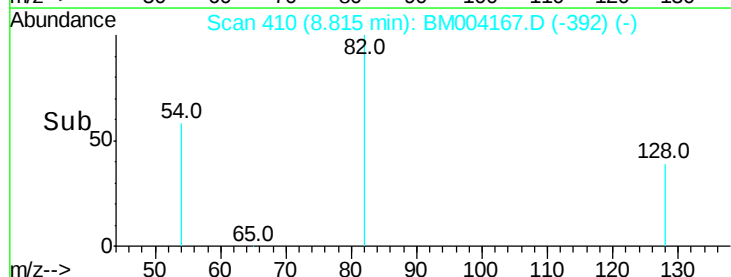
54 57.8 34.8 52.2#

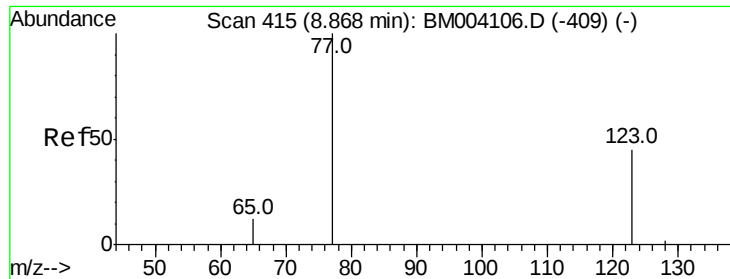


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.25 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.01 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampled :

PB88134BS

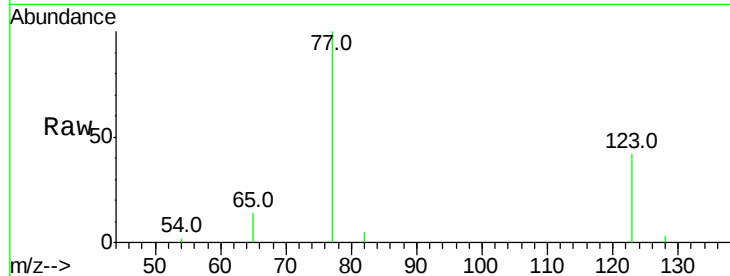
Tot Ion: 77 Resp: 20915

Ion Ratio Lower Upper

77 100

123 49.3 38.6 57.8

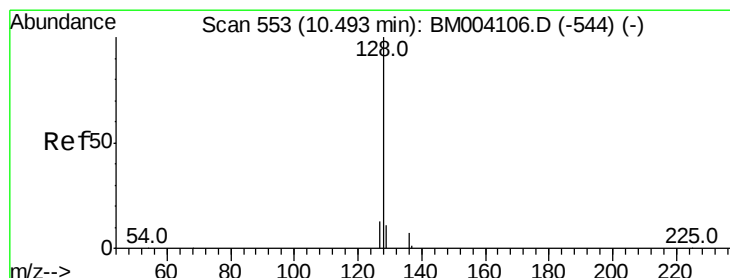
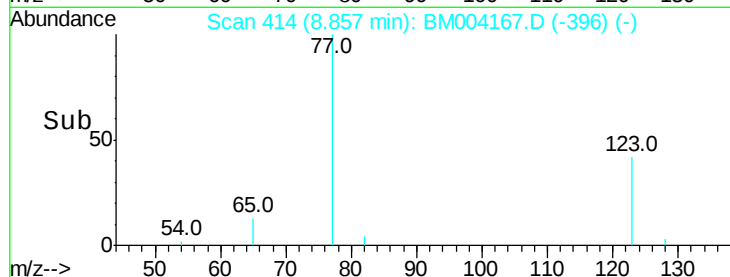
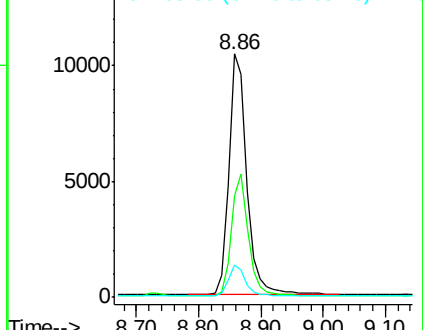
65 12.7 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004106.D (-409) (-)

Ion 123.00 (122.70 to 123.70): BM004106.D (-409) (-)

Ion 65.00 (64.70 to 65.70): BM004106.D (-409) (-)



#10

Naphthalene

Concen: 3.30 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

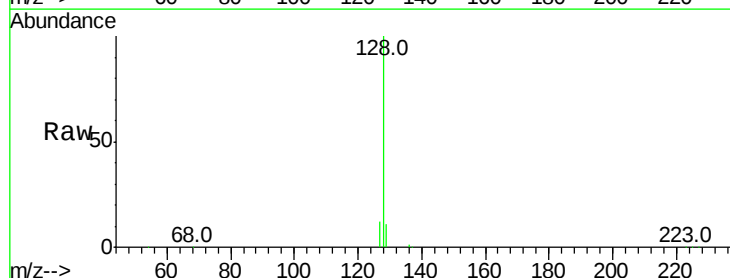
Tgt Ion: 128 Resp: 81415

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

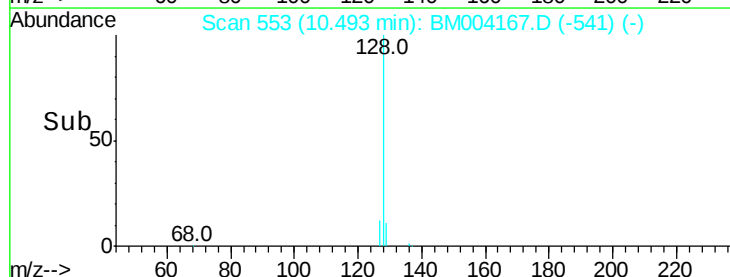
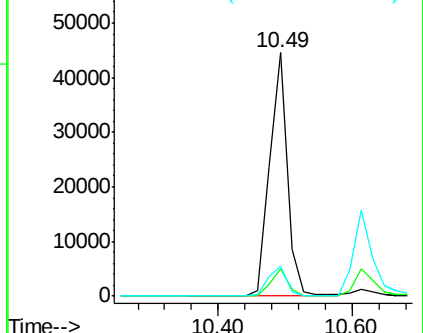
127 12.1 11.0 16.4

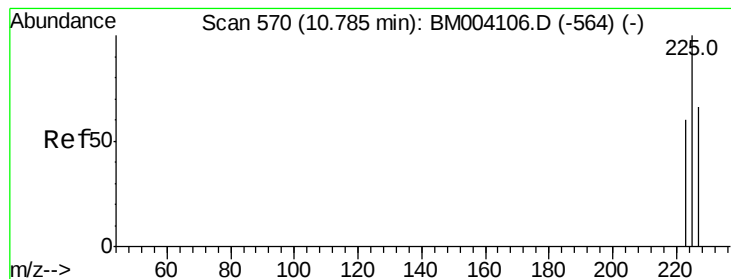


Abundance Ion 128.00 (127.70 to 128.70): BM004106.D (-544) (-)

Ion 129.00 (128.70 to 129.70): BM004106.D (-544) (-)

Ion 127.00 (126.70 to 127.70): BM004106.D (-544) (-)





#11

Hexachlorobutadiene

Concen: 3.22 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

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ClientSampleId :

PB88134BS

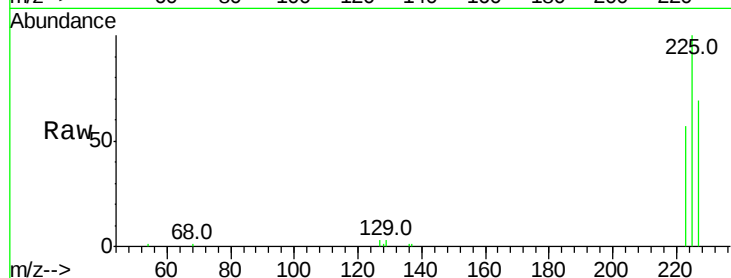
Tot Ion:225 Resp: 12255

Ion Ratio Lower Upper

225 100

223 62.9 50.9 76.3

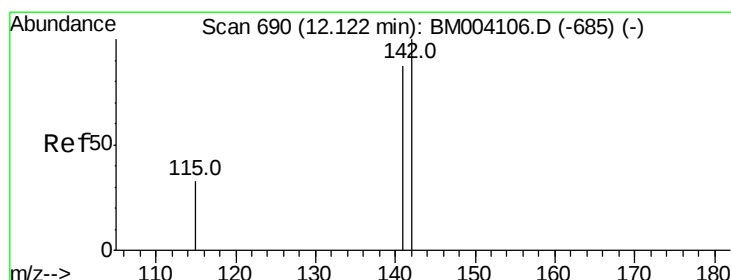
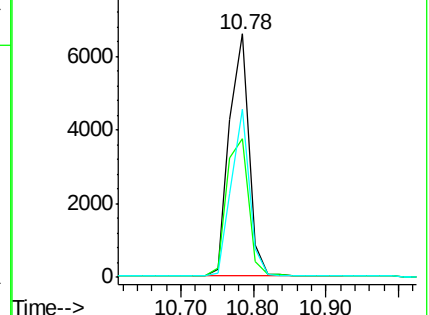
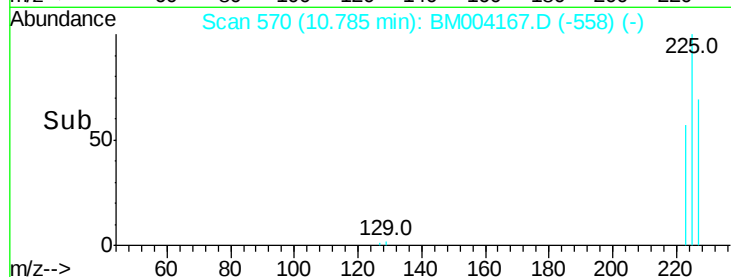
227 63.7 51.2 76.8



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: 3.68 ng

RT: 12.11 min Scan# 689

Delta R.T. -0.01 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

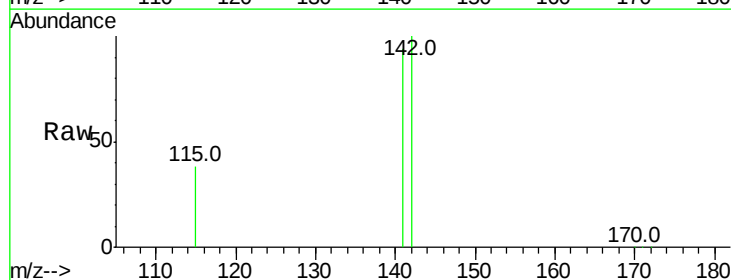
Tgt Ion:142 Resp: 59293

Ion Ratio Lower Upper

142 100

141 93.9 67.8 101.8

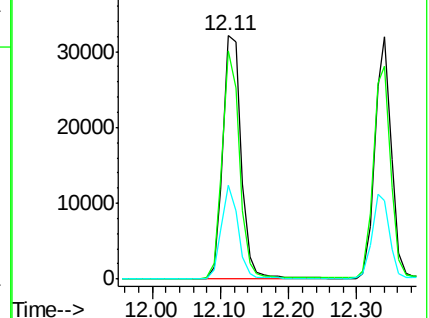
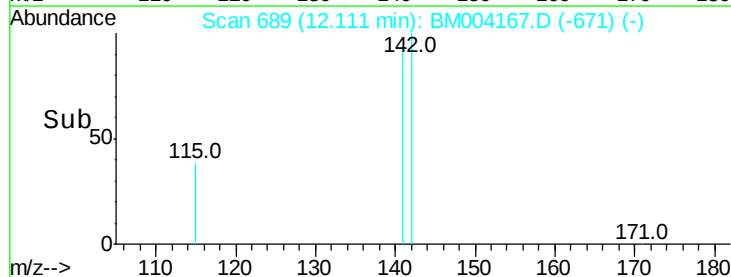
115 38.4 25.3 37.9#

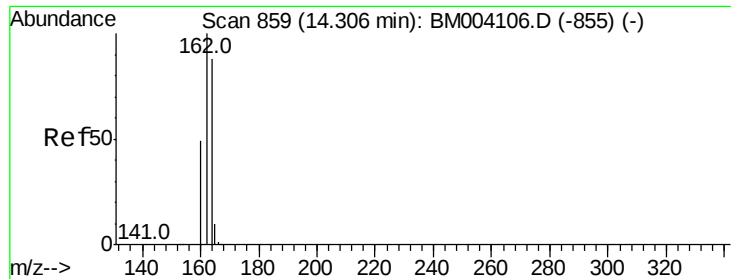


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

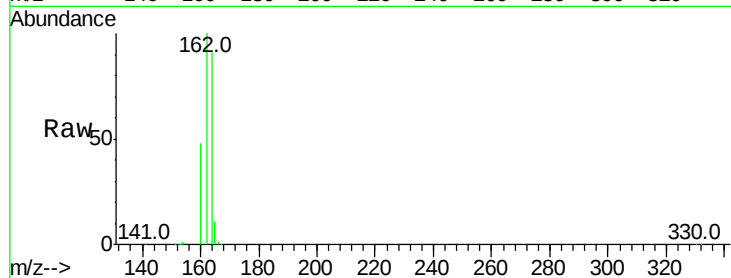
Tot Ion:164 Resp: 64297

Ion Ratio Lower Upper

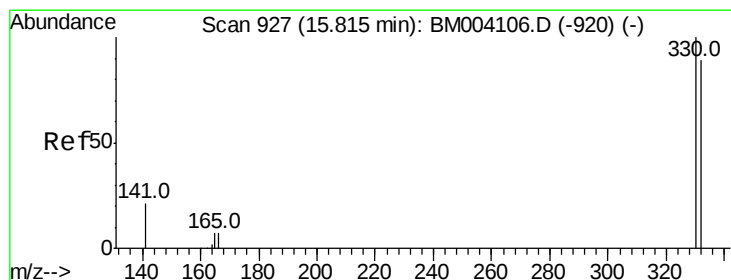
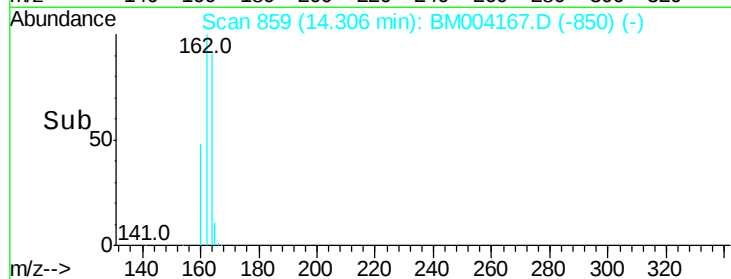
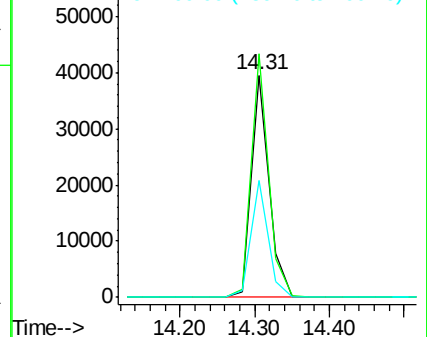
164 100

162 109.6 86.0 129.0

160 52.5 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: 6.22 ng

RT: 15.81 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

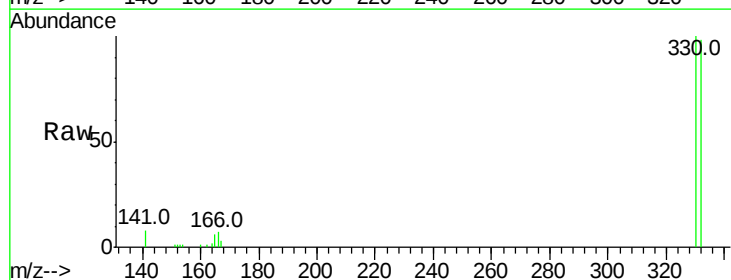
Tgt Ion:330 Resp: 15527

Ion Ratio Lower Upper

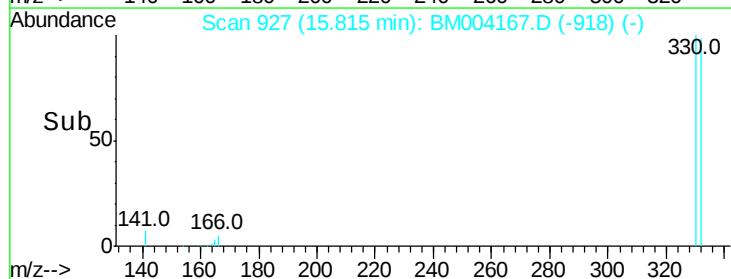
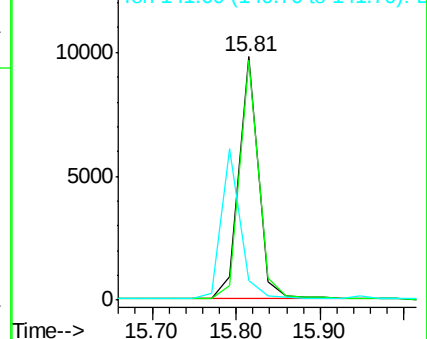
330 100

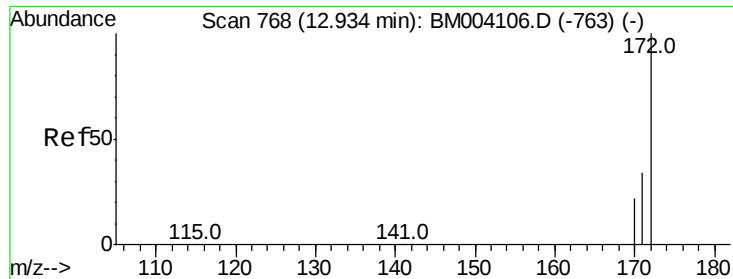
332 97.0 79.0 118.4

141 0.0 27.8 41.6#



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: 3.65 ng

RT: 12.93 min Scan# 768

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

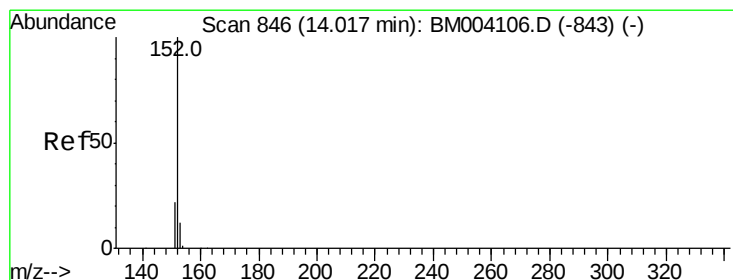
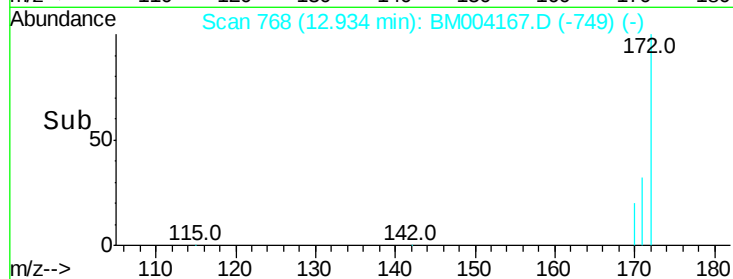
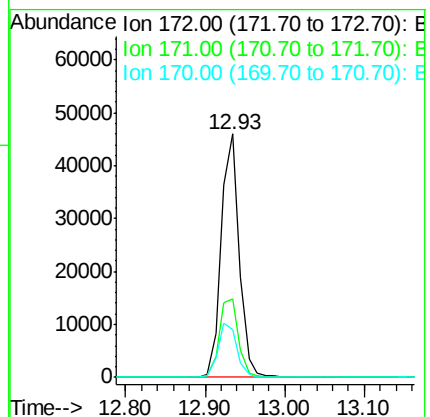
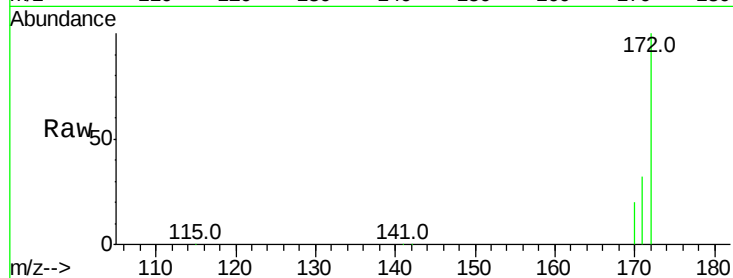
Tot Ion:172 Resp: 71986

Ion Ratio Lower Upper

172 100

171 32.1 27.0 40.6

170 19.7 17.9 26.9



#16

Acenaphthylene

Concen: 3.79 ng

RT: 14.02 min Scan# 846

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

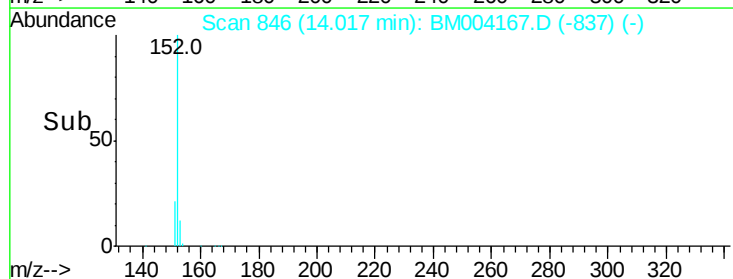
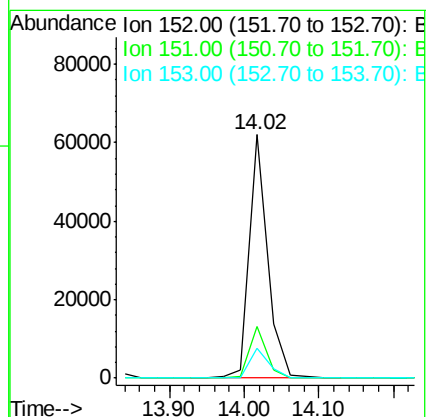
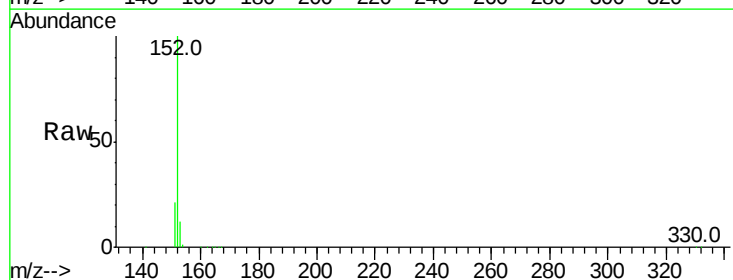
Tgt Ion:152 Resp: 105311

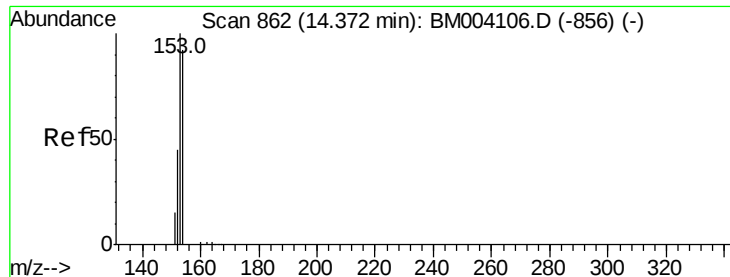
Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 3.04 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

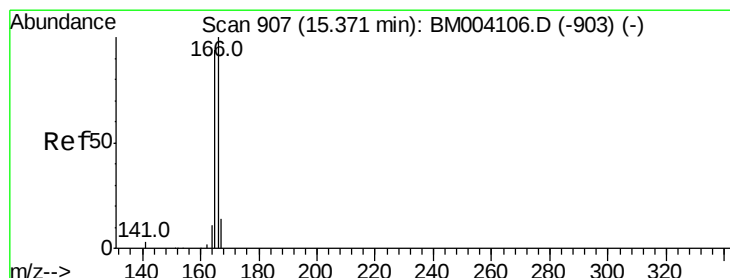
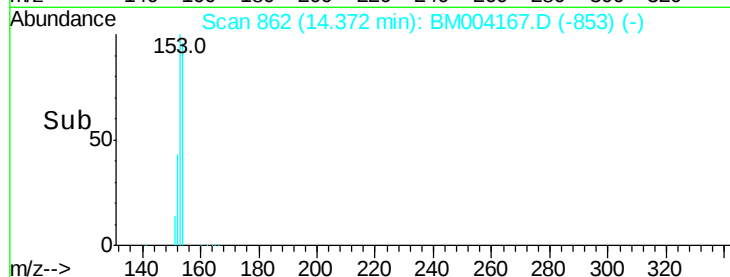
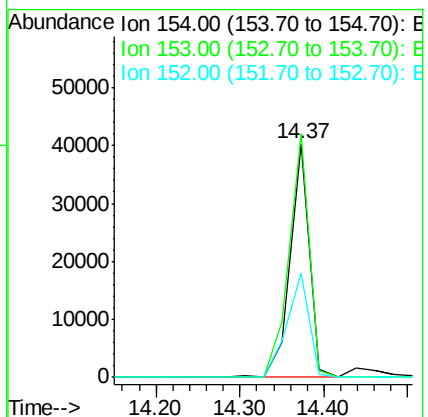
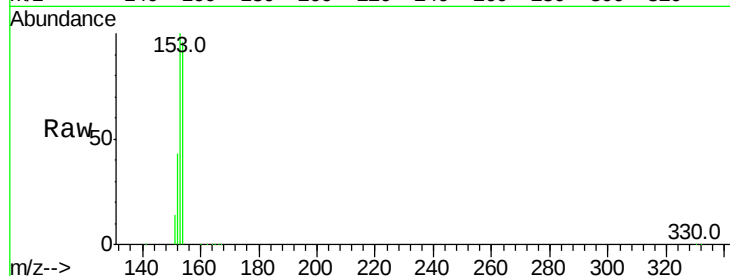
Tot Ion:154 Resp: 63784

Ion Ratio Lower Upper

154 100

153 110.0 85.4 128.2

152 51.4 40.6 60.8



#18

Fluorene

Concen: 3.19 ng

RT: 15.37 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

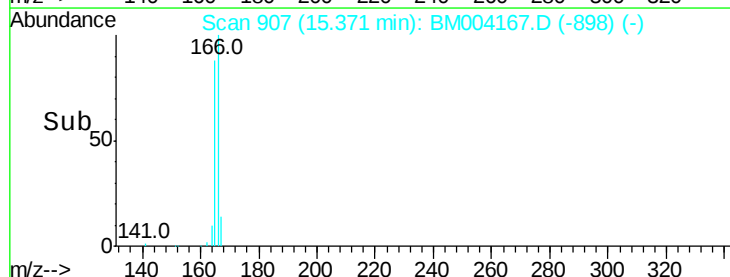
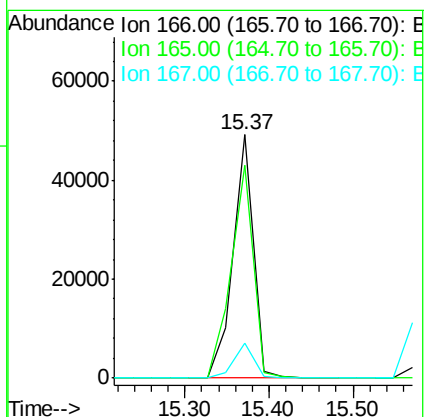
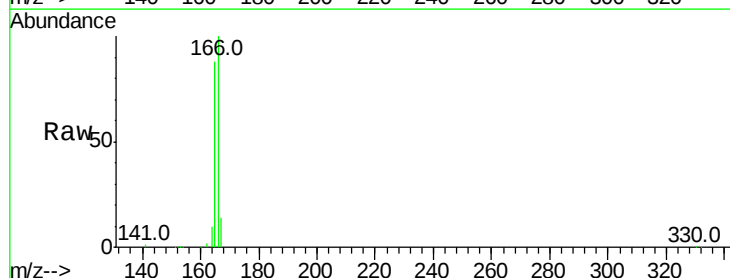
Tgt Ion:166 Resp: 81575

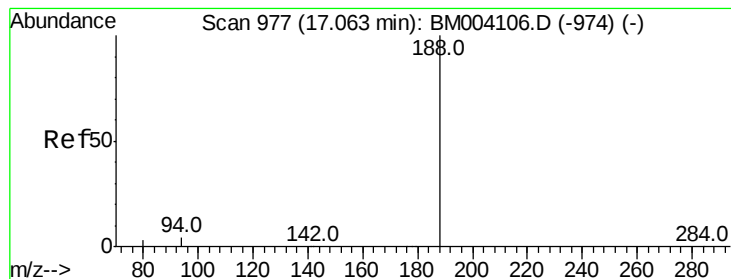
Ion Ratio Lower Upper

166 100

165 95.5 77.2 115.8

167 13.6 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: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

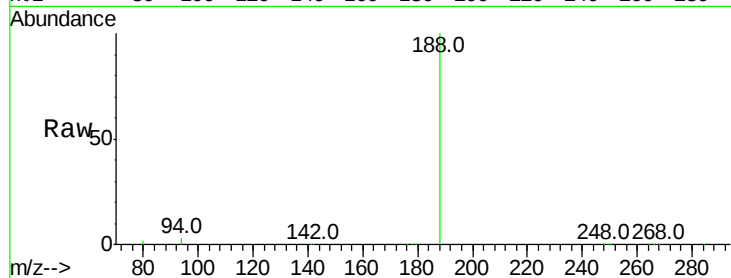
Tot Ion:188 Resp: 159318

Ion Ratio Lower Upper

188 100

94 3.0 20.3 30.5#

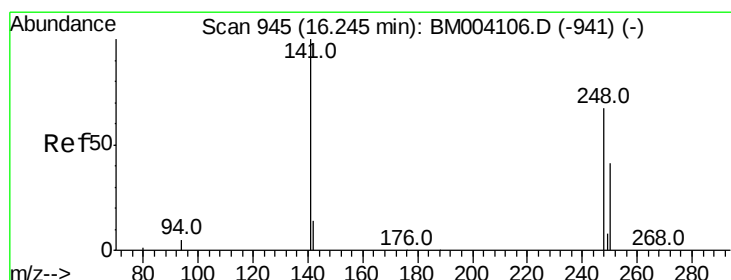
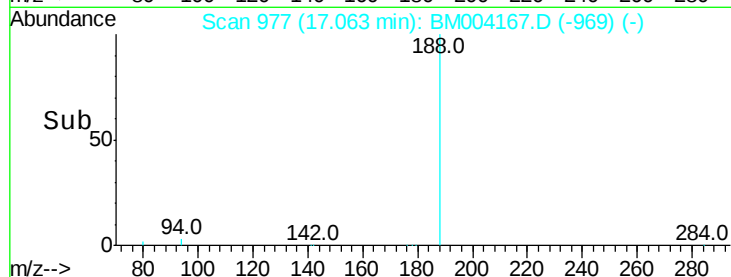
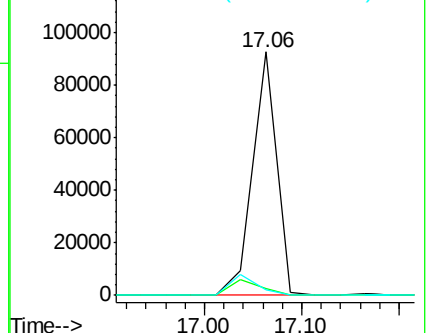
80 2.4 22.2 33.4#



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



#20

4-Bromophenyl-phenylether

Concen: 4.46 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

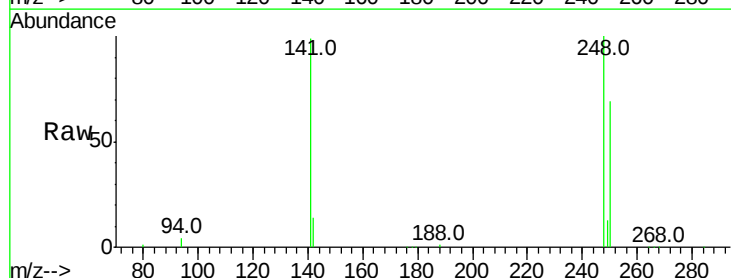
Tgt Ion:248 Resp: 23154

Ion Ratio Lower Upper

248 100

250 81.7 75.0 112.4

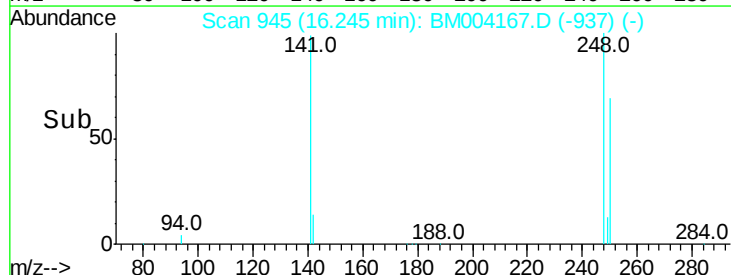
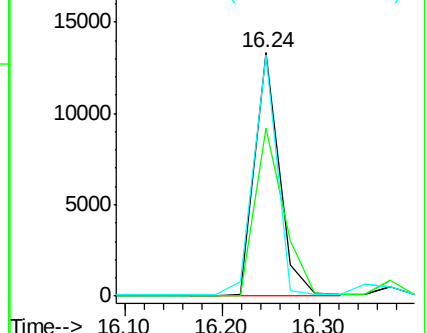
141 94.1 53.0 79.4#

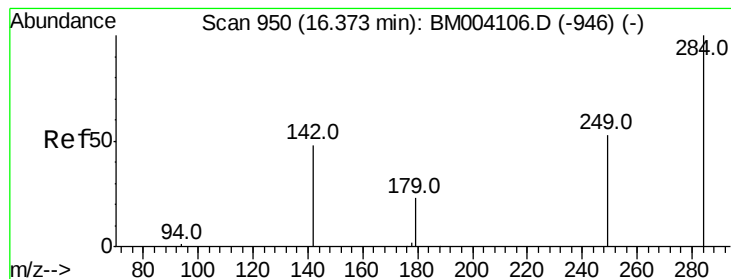


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.15 ng

RT: 16.37 min Scan# 950

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

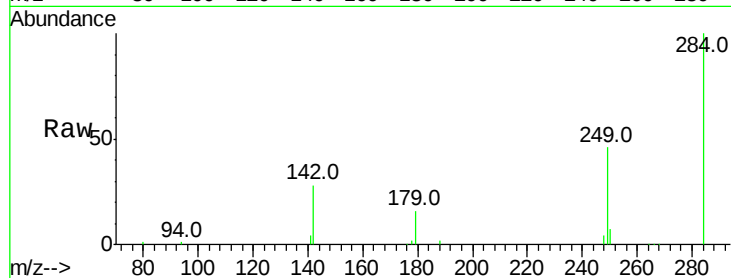
Tot Ion:284 Resp: 22610

Ion Ratio Lower Upper

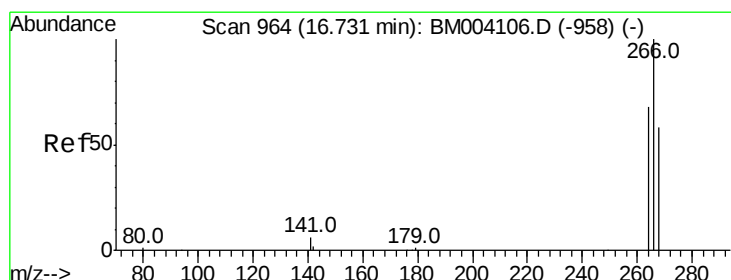
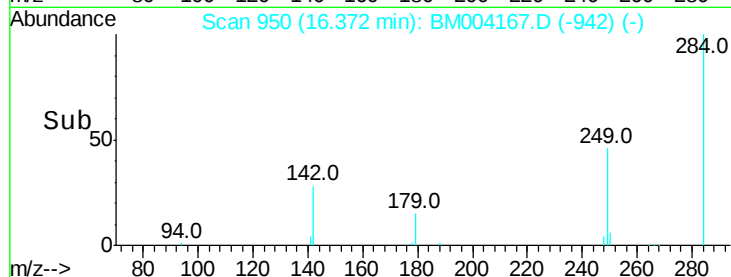
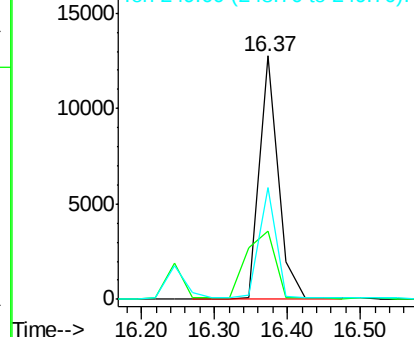
284 100

142 42.2 22.2 33.4#

249 41.5 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: 7.26 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

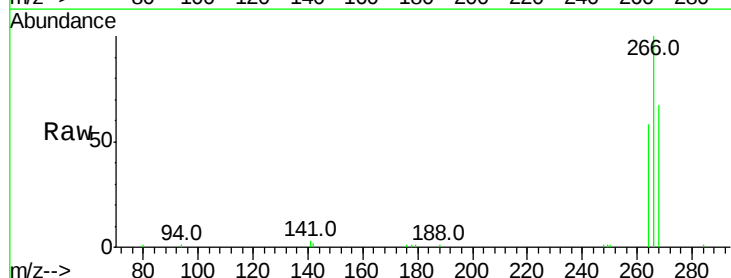
Tgt Ion:266 Resp: 16708

Ion Ratio Lower Upper

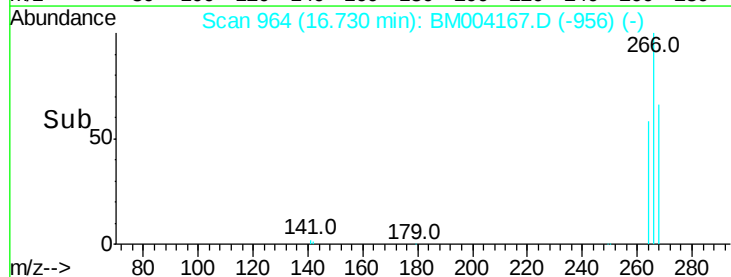
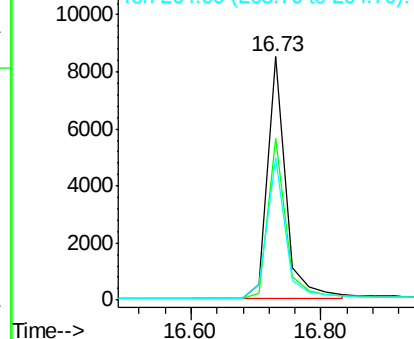
266 100

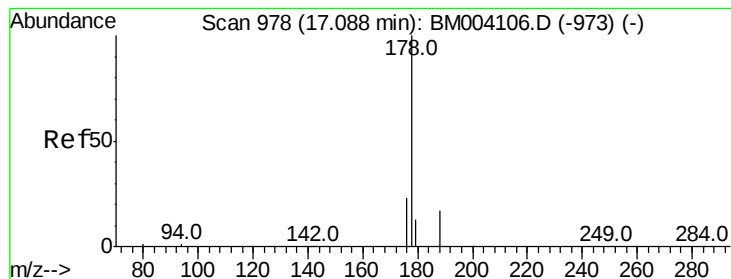
268 66.6 62.7 94.1

264 58.5 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: 4.52 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

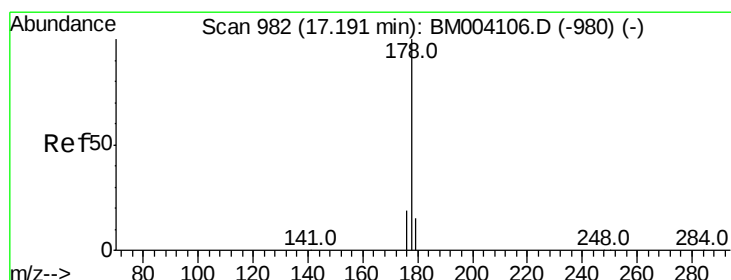
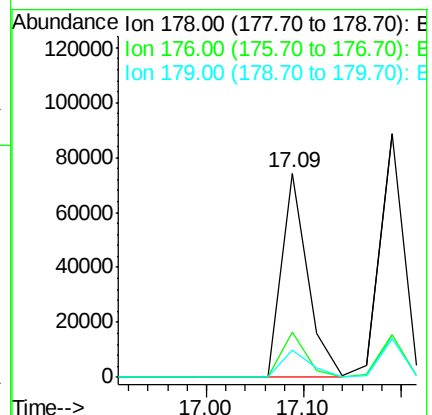
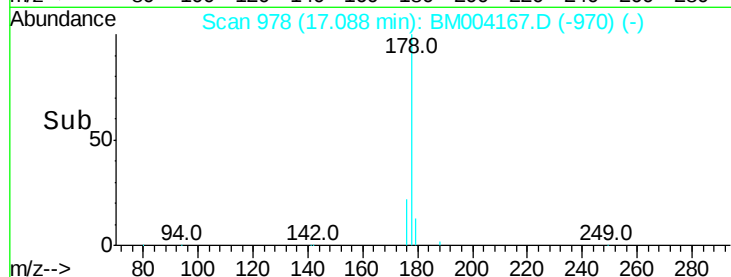
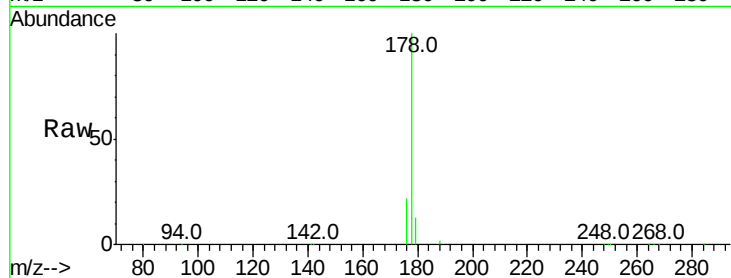
Tot Ion:178 Resp: 139547

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.0

179 14.5 12.2 18.4



#24

Anthracene

Concen: 4.10 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

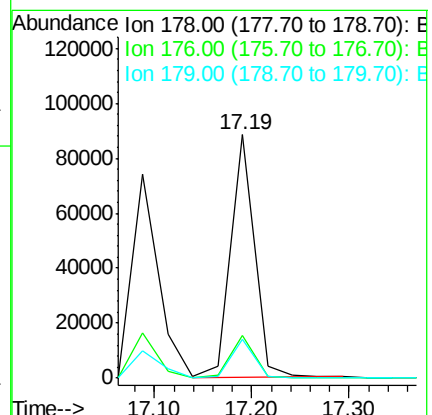
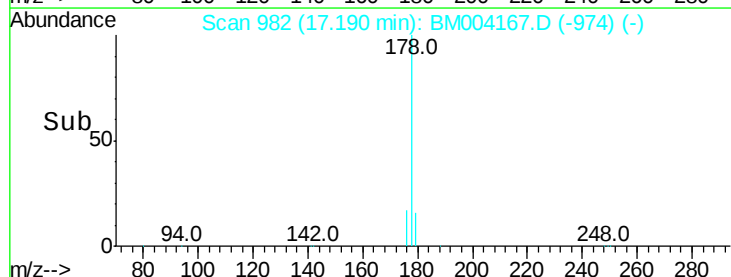
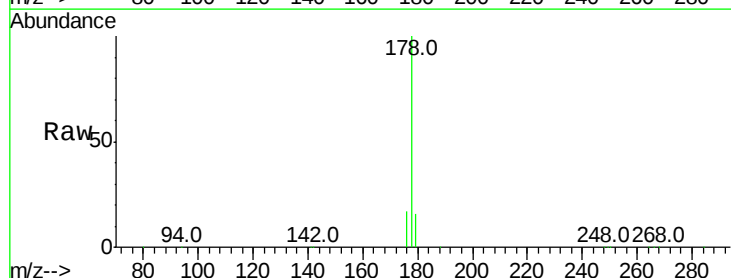
Tgt Ion:178 Resp: 149421

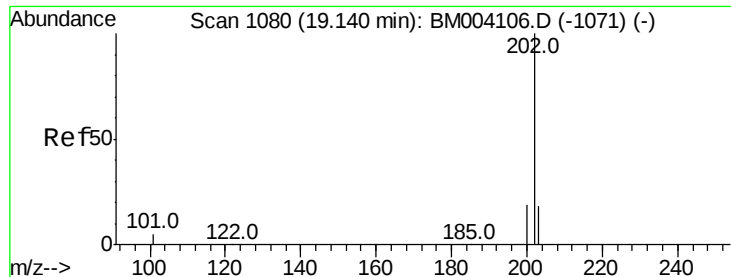
Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

179 15.6 12.6 19.0





#25

Fluoranthene

Concen: 3.82 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

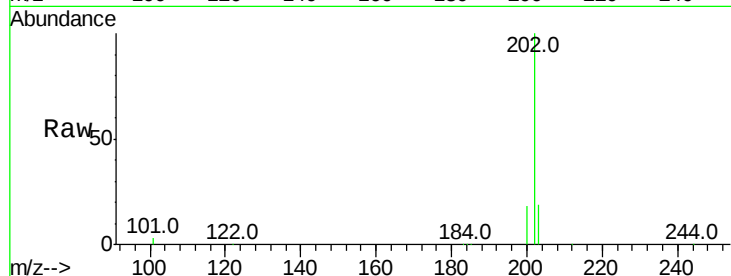
Tot Ion:202 Resp: 164748

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

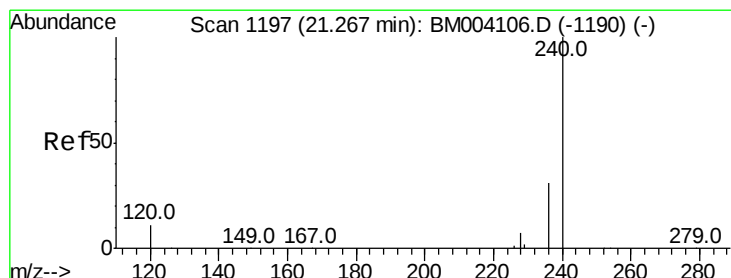
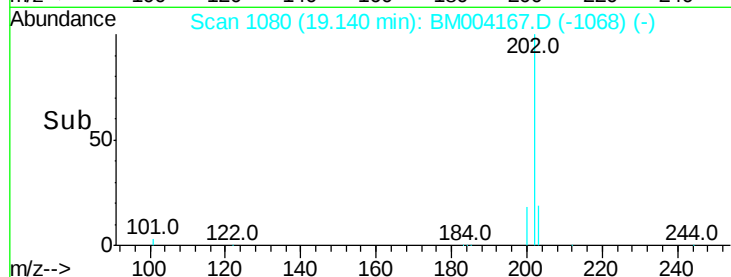
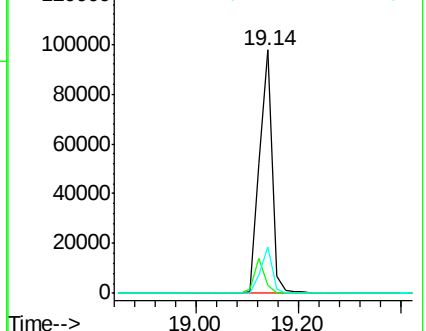
203 17.5 13.8 20.8



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: BM004167.D

Acq: 02 Feb 2016 17:10

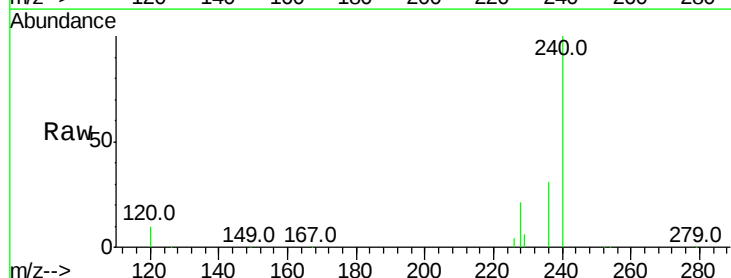
Tgt Ion:240 Resp: 170003

Ion Ratio Lower Upper

240 100

120 10.3 0.9 1.3#

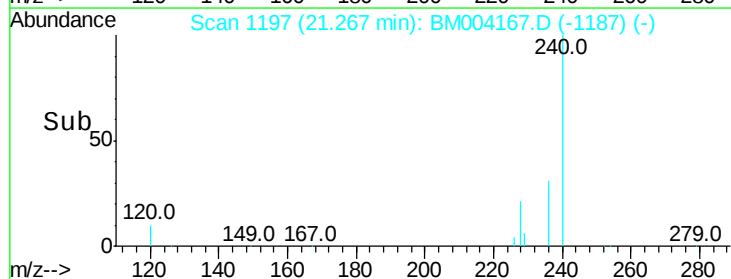
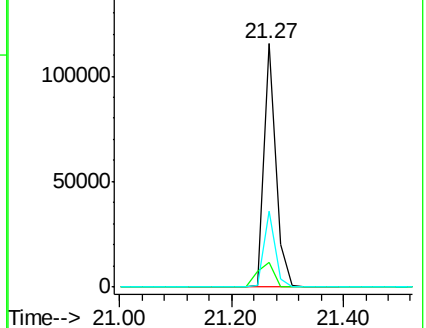
236 31.0 17.3 25.9#

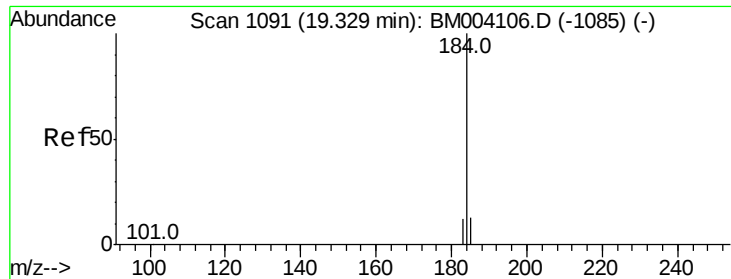


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

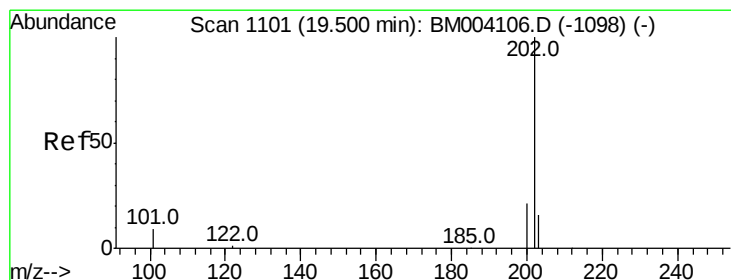
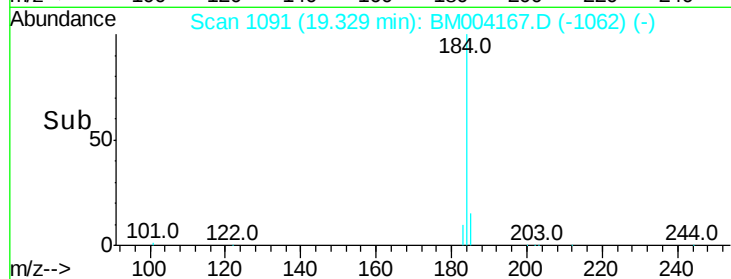
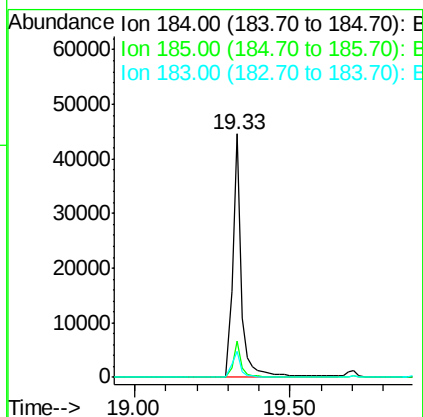
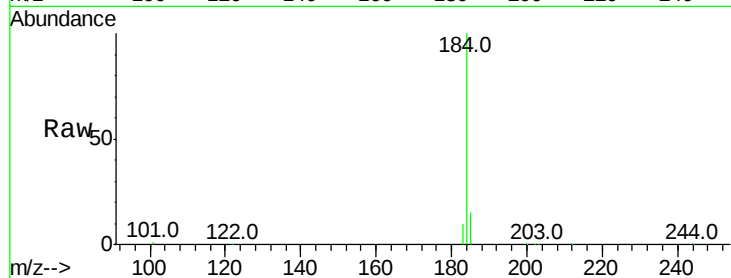




#27
Benzidine
Concen: 6.15 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

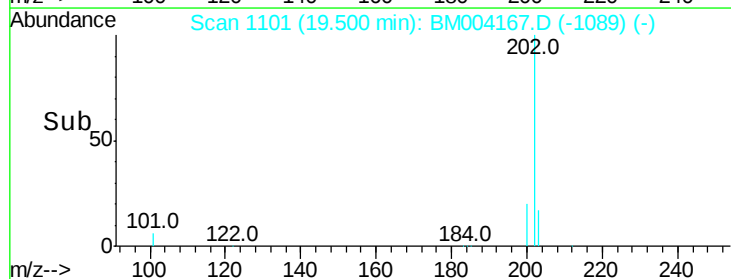
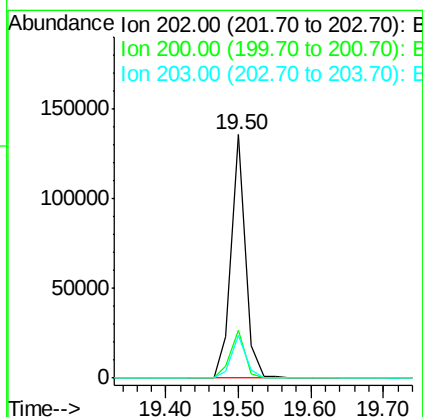
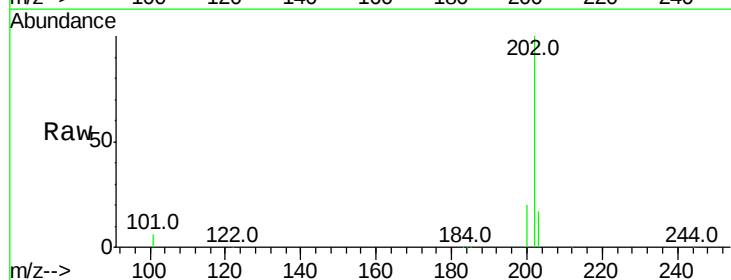
Instrument :
BNA_M
ClientSampleId :
PB88134BS

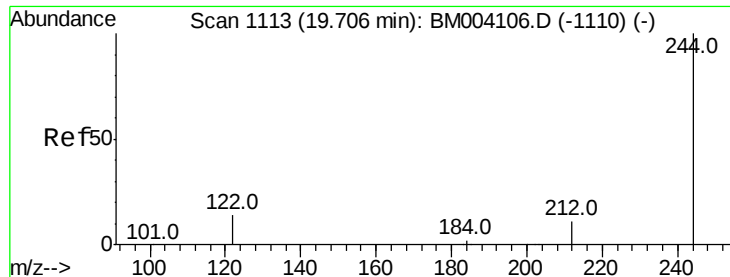
Tot Ion:184 Resp: 85692
Ion Ratio Lower Upper
184 100
185 14.7 13.2 19.8
183 10.5 9.0 13.6



#28
Pyrene
Concen: 3.91 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

Tgt Ion:202 Resp: 184103
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.8 14.0 21.0





#29

Terphenyl-d14

Concen: 3.93 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

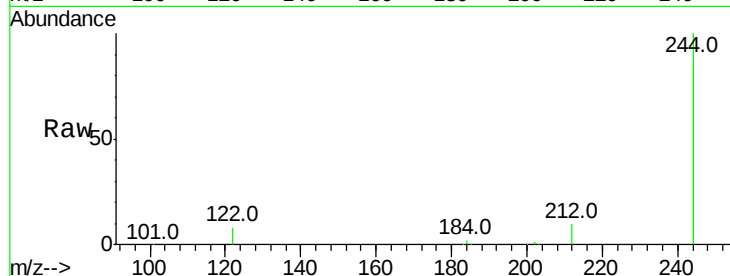
Tot Ion:244 Resp: 85029

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.6

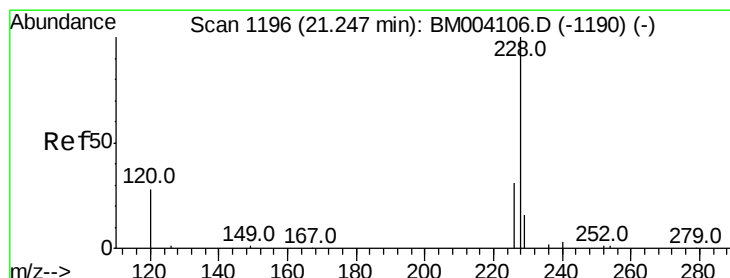
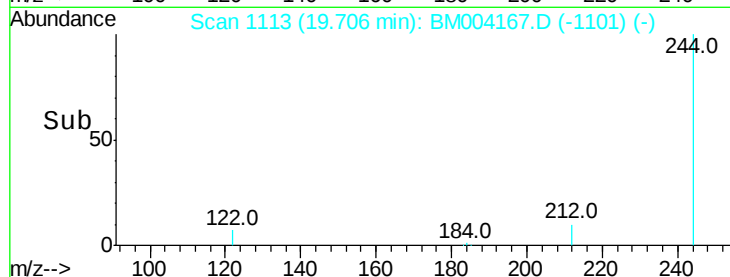
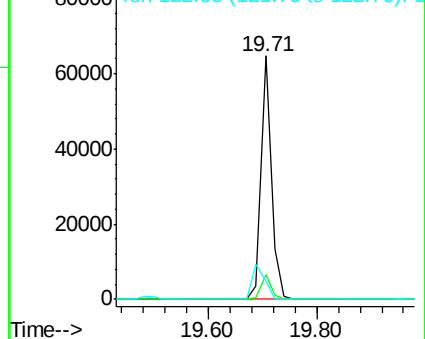
122 7.7 3.0 4.6#



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: 3.96 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

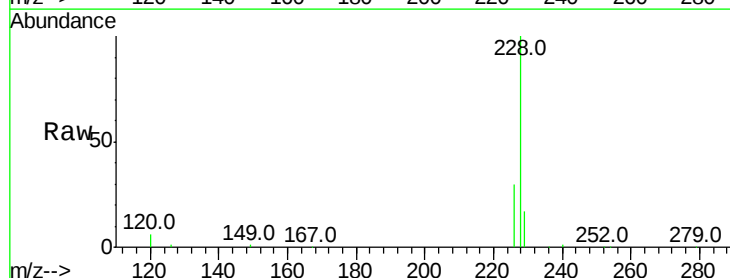
Tgt Ion:228 Resp: 197303

Ion Ratio Lower Upper

228 100

226 30.3 17.2 25.8#

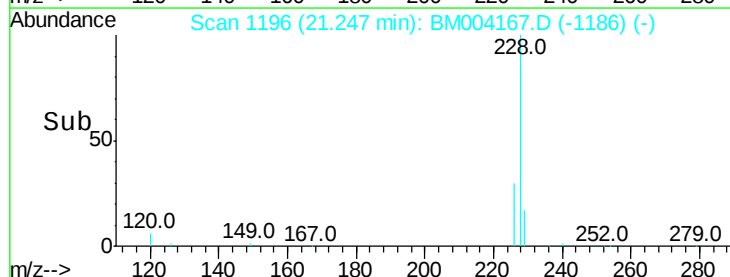
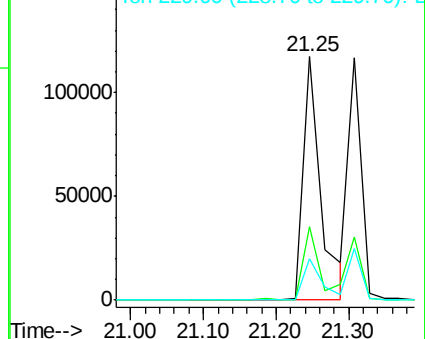
229 17.1 18.7 28.1#

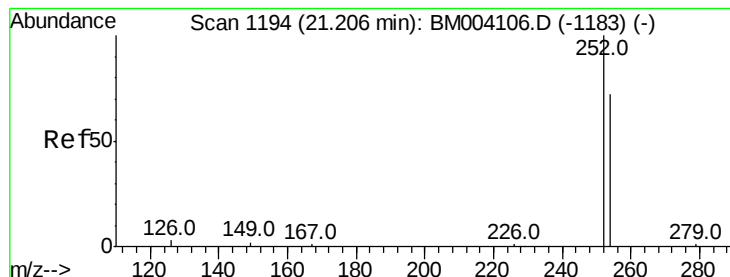


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

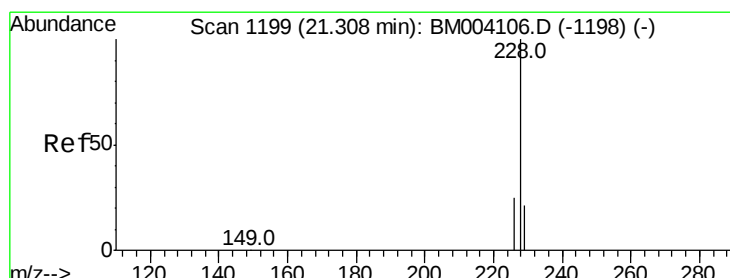
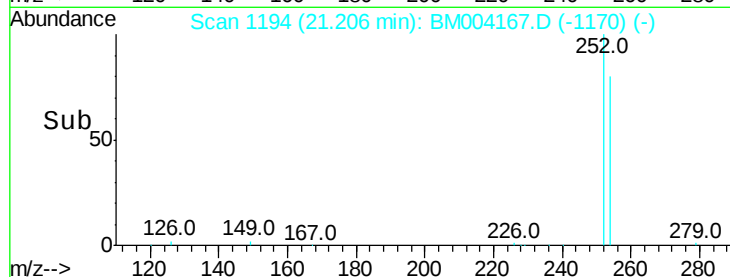
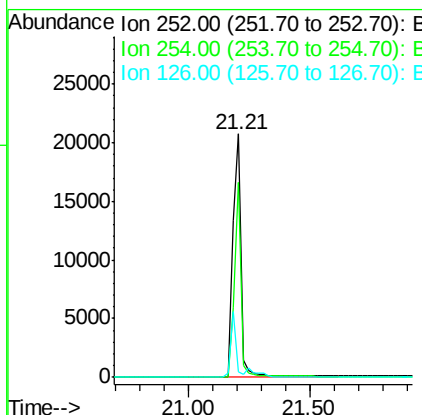
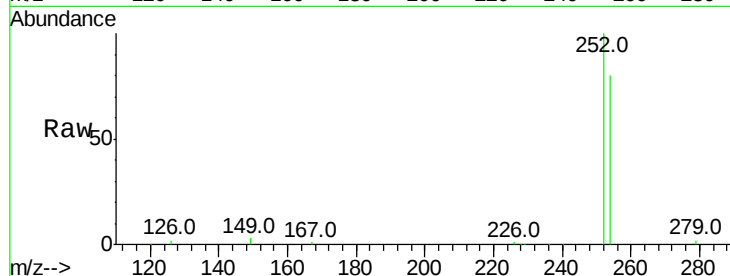




#31
 3,3'-Dichlorobenzidine
 Concen: 3.65 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004167.D
 Acq: 02 Feb 2016 17:10

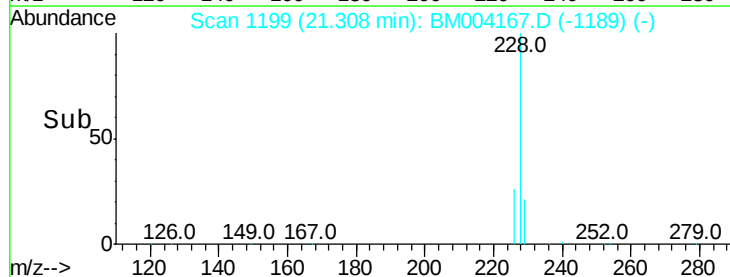
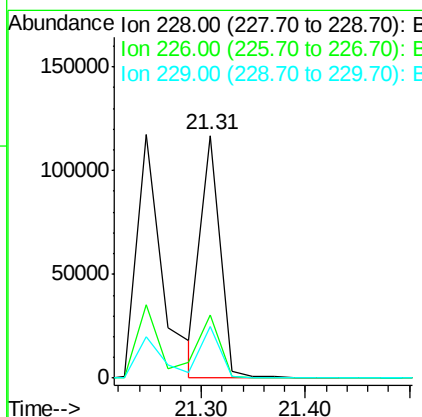
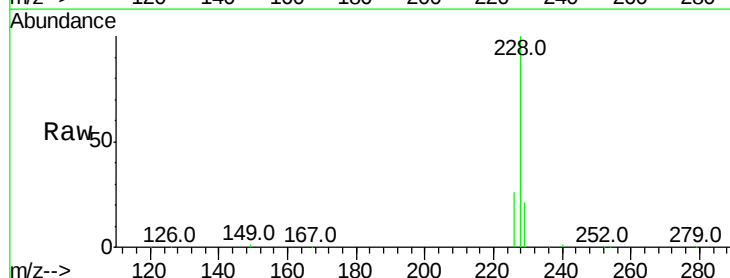
Instrument :
 BNA_M
 ClientSampled :
 PB88134BS

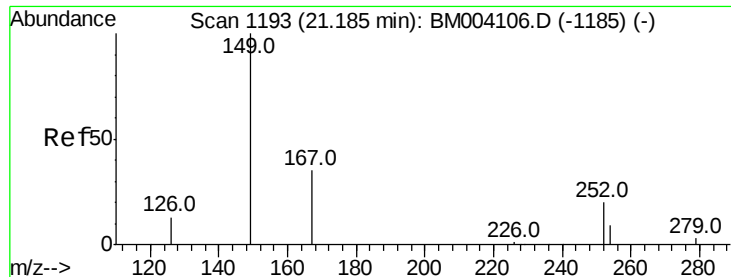
Tot Ion:252 Resp: 45974
 Ion Ratio Lower Upper
 252 100
 254 80.1 52.6 79.0#
 126 2.2 3.7 5.5#



#32
 Chrysene
 Concen: 3.47 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM004167.D
 Acq: 02 Feb 2016 17:10

Tgt Ion:228 Resp: 149319
 Ion Ratio Lower Upper
 228 100
 226 26.3 25.3 37.9
 229 21.1 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.57 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

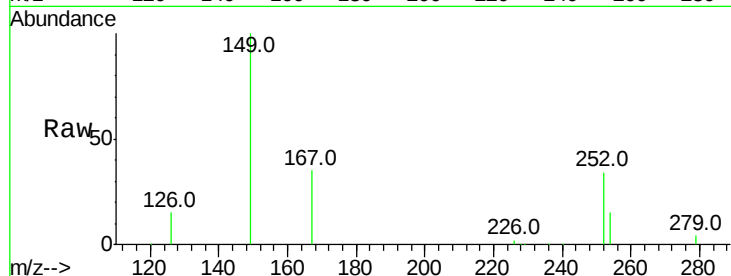
Tot Ion:149 Resp: 75776

Ion Ratio Lower Upper

149 100

167 28.5 20.1 30.1

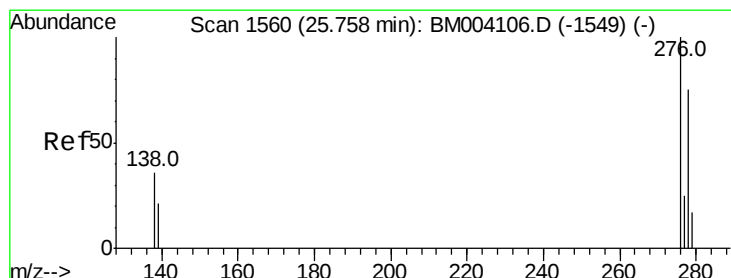
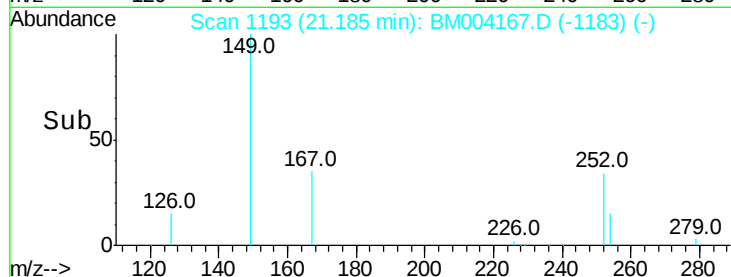
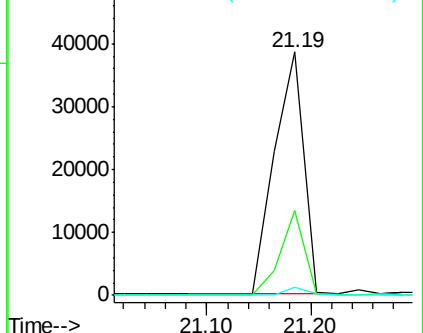
279 2.6 1.8 2.6



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: 3.07 ng

RT: 25.75 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

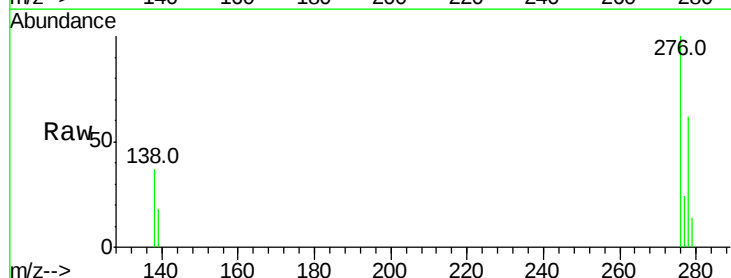
Tgt Ion:276 Resp: 156238

Ion Ratio Lower Upper

276 100

138 36.6 30.2 45.2

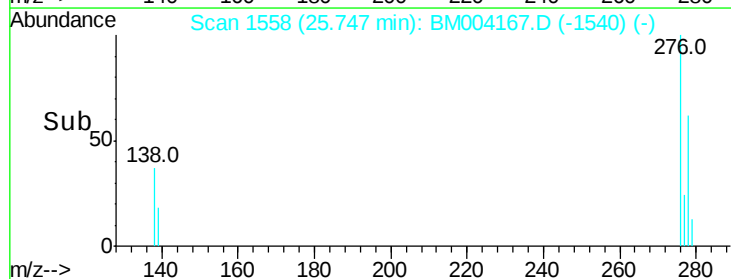
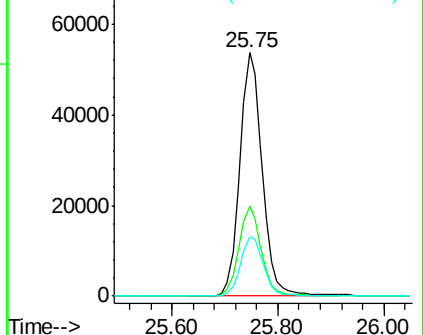
277 24.8 19.8 29.8

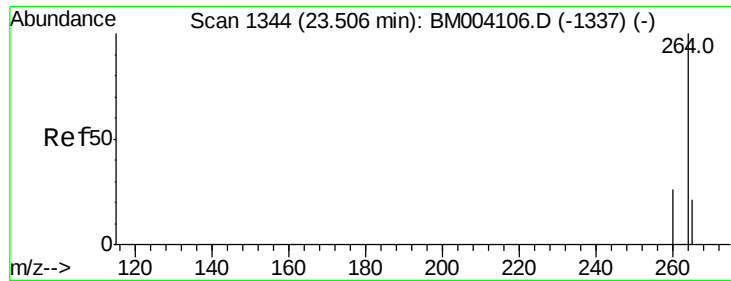


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

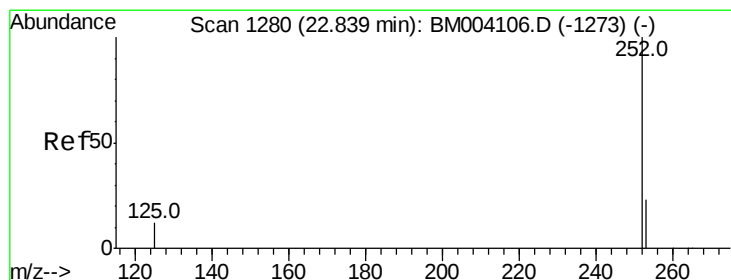
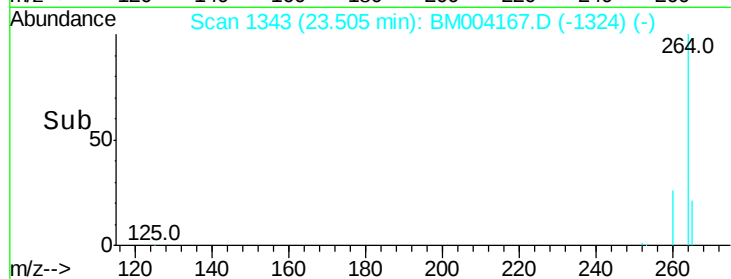
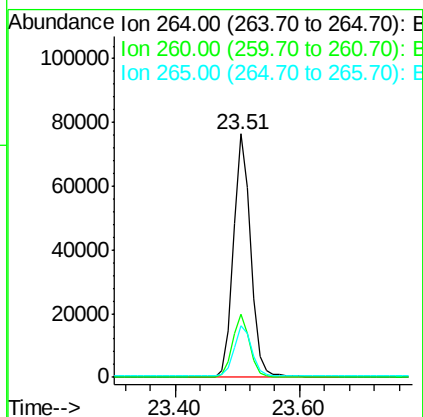
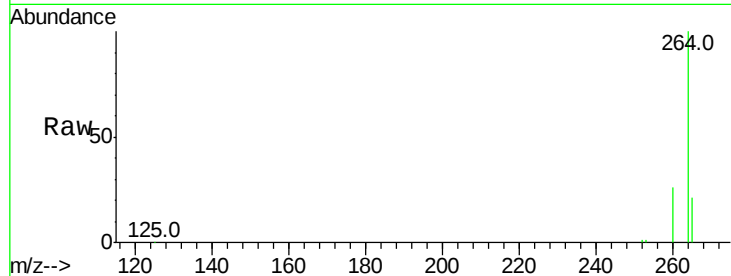




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004167.D
 Acq: 02 Feb 2016 17:10

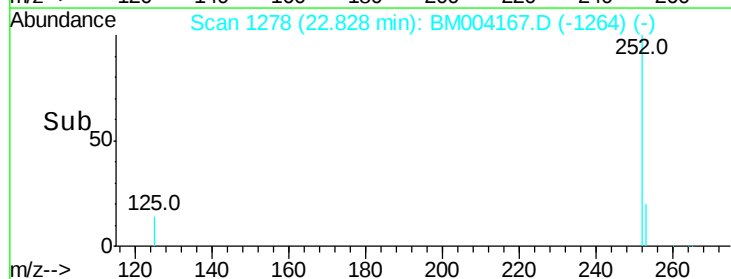
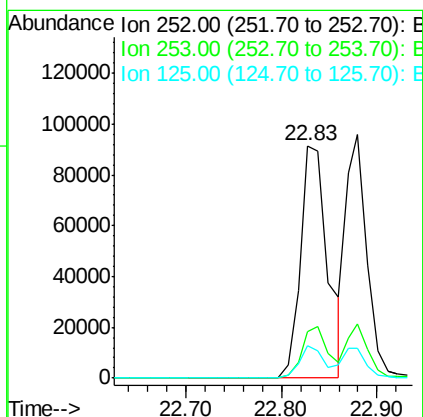
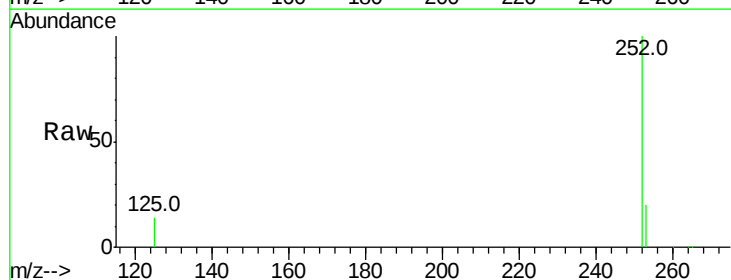
Instrument :
 BNA_M
 ClientSampleId :
 PB88134BS

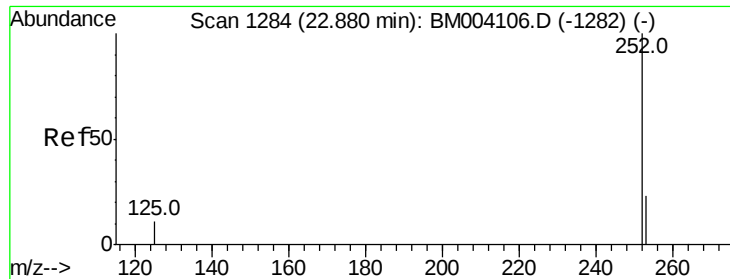
Tot Ion:264 Resp: 149284
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.2 31.8
 265 21.1 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 4.18 ng
 RT: 22.83 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BM004167.D
 Acq: 02 Feb 2016 17:10

Tgt Ion:252 Resp: 193490
 Ion Ratio Lower Upper
 252 100
 253 20.2 18.8 28.2
 125 14.1 10.2 15.4

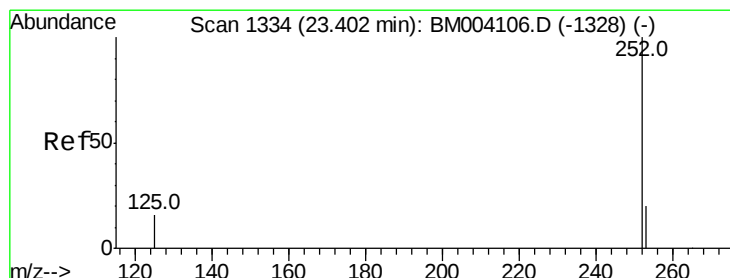
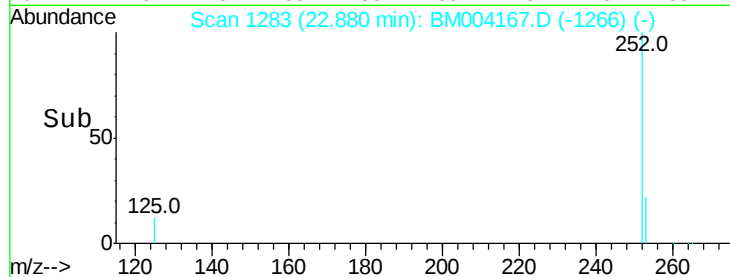
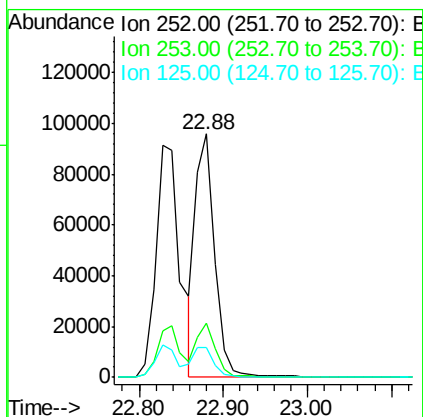
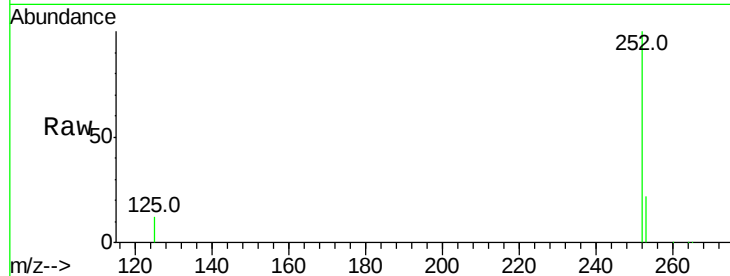




#37
Benzo(k)fluoranthene
Concen: 3.55 ng
RT: 22.88 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

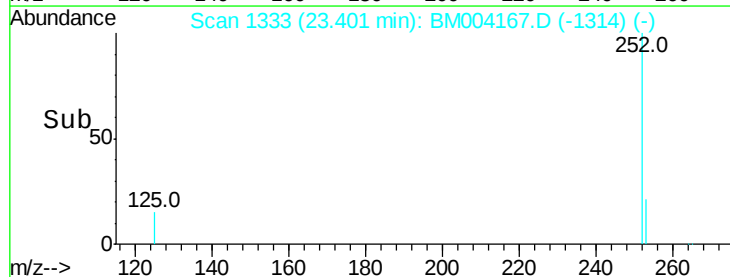
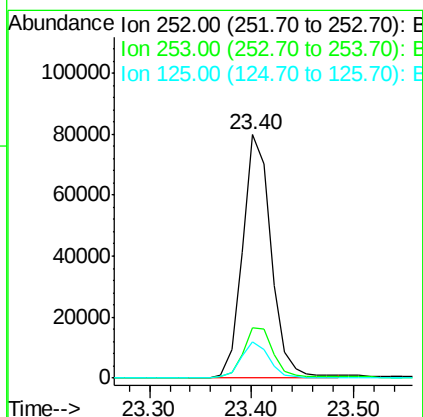
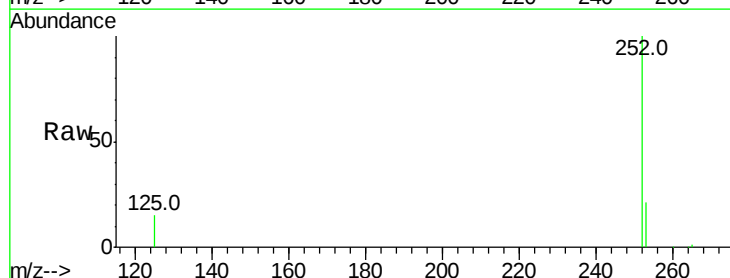
Instrument :
BNA_M
ClientSampleId :
PB88134BS

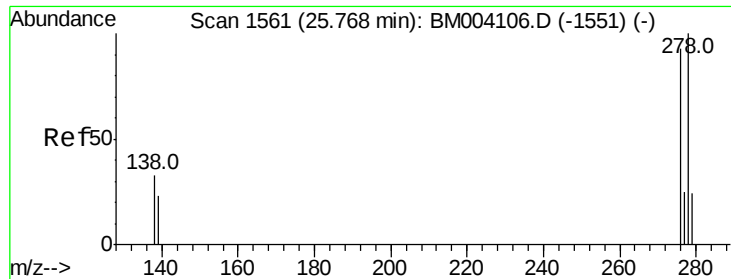
Tot Ion:252 Resp: 148804
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 12.2 10.6 15.8



#38
Benzo(a)pyrene
Concen: 3.78 ng
RT: 23.40 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

Tgt Ion:252 Resp: 154025
Ion Ratio Lower Upper
252 100
253 20.8 18.7 28.1
125 15.0 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 3.38 ng

RT: 25.76 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS

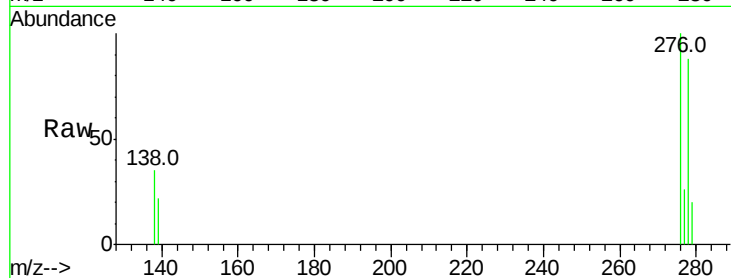
Tot Ion:278 Resp: 124021

Ion Ratio Lower Upper

278 100

139 24.8 19.0 28.6

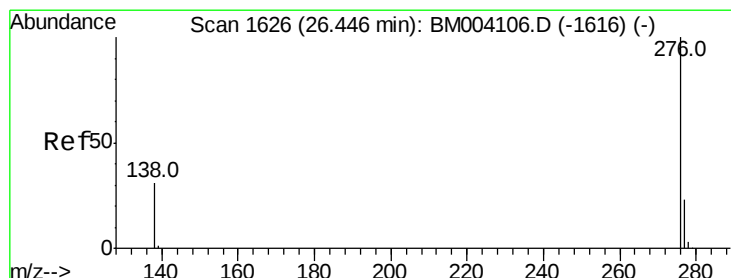
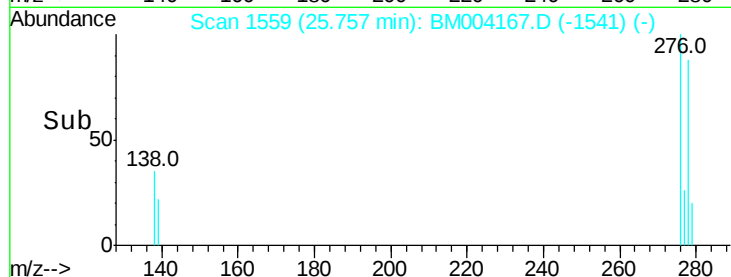
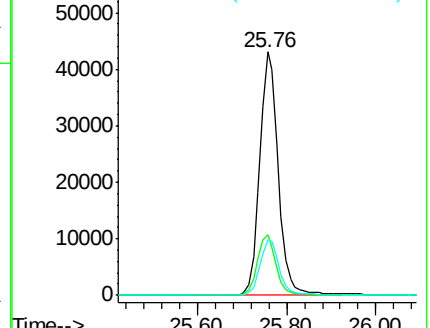
279 22.8 19.6 29.4



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: 3.29 ng

RT: 26.43 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

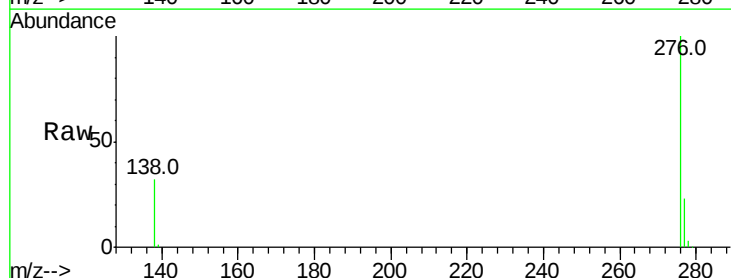
Tgt Ion:276 Resp: 131753

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 32.4 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

