

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110515\
 Data File : BM003062.D
 Acq On : 05 Nov 2015 13:55
 Operator : UM/IZ
 Sample : PB86422BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86422BS

Quant Time: Nov 06 00:10:10 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM110415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 10:29:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	76217	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	327029	5.00	ng	0.00
13) Acenaphthene-d10	14.39	164	177532	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	439346	5.00	ng	0.00
26) Chrysene-d12	21.33	240	370309	5.00	ng	-0.01
35) Perylene-d12	23.60	264	283196	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	113478	7.03	ng	0.00
5) Phenol-d6	6.92	99	150987	8.02	ng	0.00
8) Nitrobenzene-d5	8.92	82	56199	3.73	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	44235	9.62	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	199066	3.56	ng	0.00
29) Terphenyl-d14	19.77	244	202719	3.80	ng	0.00

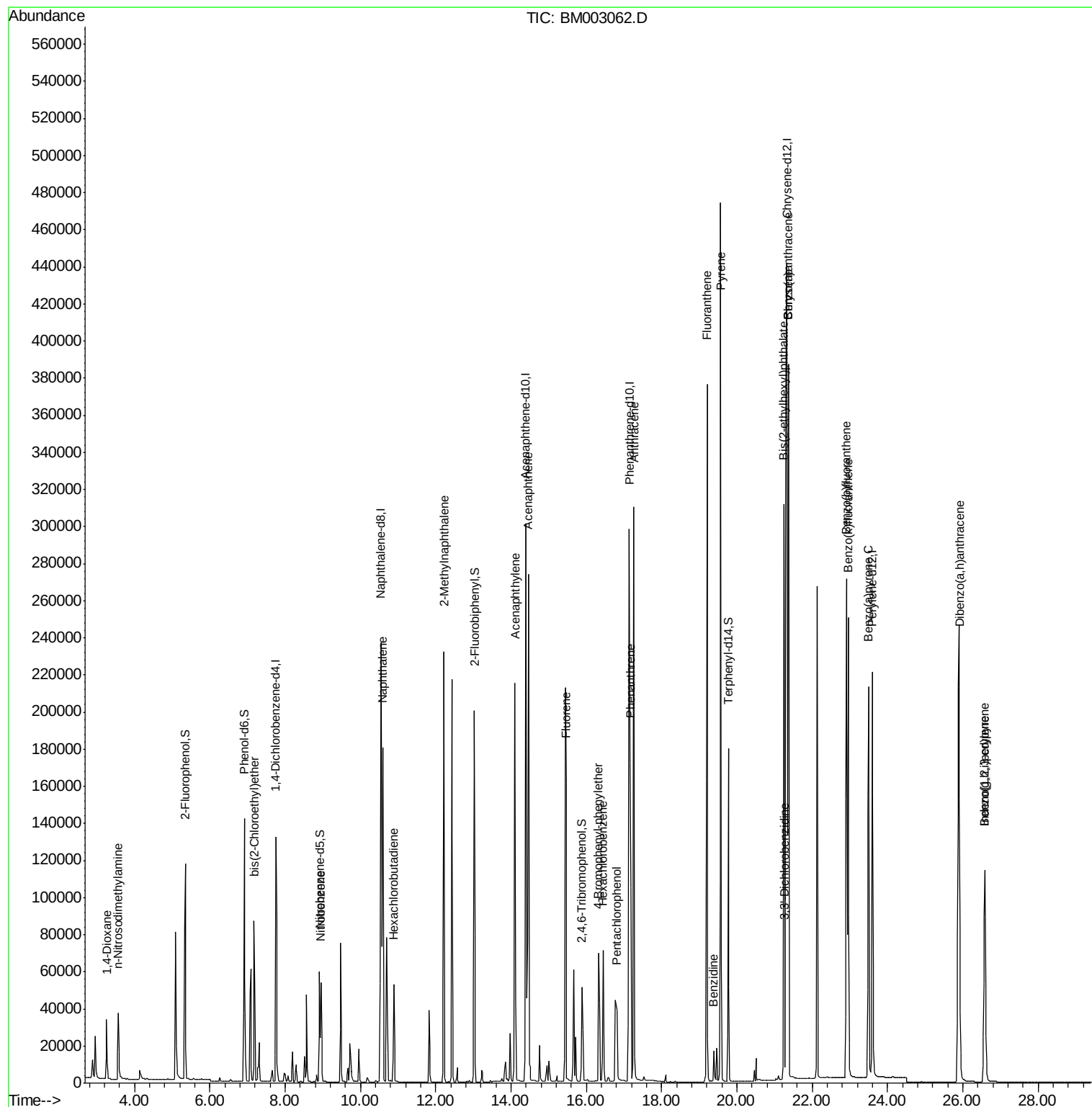
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	23892	3.54	ng	98
3) n-Nitrosodimethylamine	3.57	42	25036	3.50	ng	98
6) bis(2-Chloroethyl)ether	7.17	93	66962	3.71	ng	99
9) Nitrobenzene	8.95	77	60341	3.70	ng	98
10) Naphthalene	10.60	128	244332	3.48	ng	98
11) Hexachlorobutadiene	10.89	225	36412	3.35	ng	98
12) 2-Methylnaphthalene	12.22	142	169552	3.73	ng	94
16) Acenaphthylene	14.11	152	268312	3.88	ng	99
17) Acenaphthene	14.46	154	183411	3.86	ng	# 100
18) Fluorene	15.46	166	199532	3.94	ng	# 11
20) 4-Bromophenyl-phenylether	16.32	248	46591	3.43	ng	# 37
21) Hexachlorobenzene	16.45	284	65876	3.53	ng	# 76
22) Pentachlorophenol	16.81	266	53346	7.77	ng	# 71
23) Phenanthrene	17.16	178	308612	3.84	ng	100
24) Anthracene	17.27	178	380136	4.08	ng	98
25) Fluoranthene	19.21	202	389090	4.44	ng	100
27) Benzidine	19.38	184	33351	1.17	ng	95
28) Pyrene	19.57	202	437105	4.07	ng	99
30) Benzo(a)anthracene	21.37	228	325610	3.41	ng	94
31) 3,3'-Dichlorobenzidine	21.27	252	74267	2.70	ng	# 83
32) Chrysene	21.37	228	327362	3.78	ng	91
33) Bis(2-ethylhexyl)phthalate	21.25	149	267343	5.34	ng	# 93
34) Indeno(1,2,3-cd)pyrene	26.58	276	236455	2.99	ng	100
36) Benzo(b)fluoranthene	22.91	252	340002	4.06	ng	98
37) Benzo(k)fluoranthene	22.96	252	331531	4.42	ng	98
38) Benzo(a)pyrene	23.50	252	296628	4.08	ng	97
39) Dibenzo(a,h)anthracene	25.91	278	233266	3.30	ng	98
40) Benzo(g,h,i)perylene	26.58	276	236606	3.10	ng	99

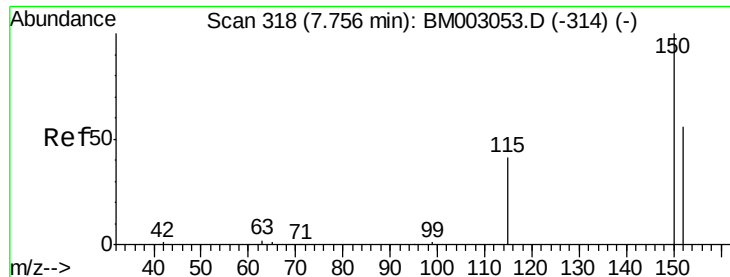
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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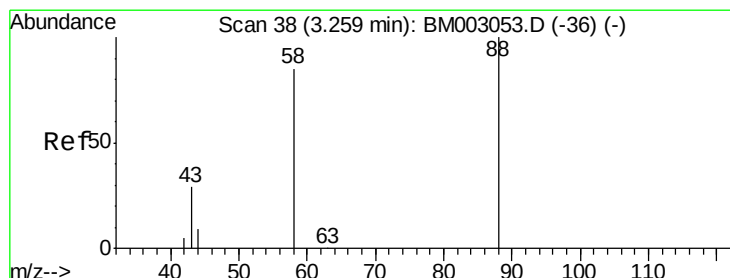
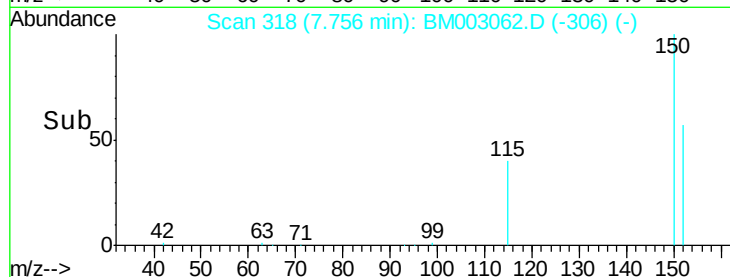
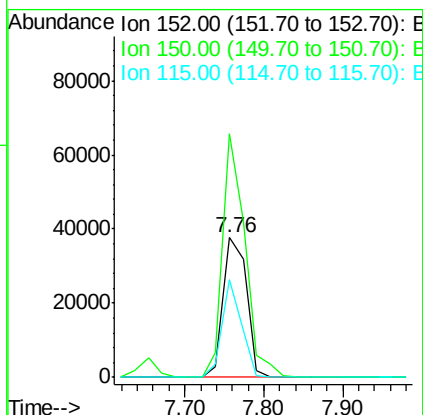
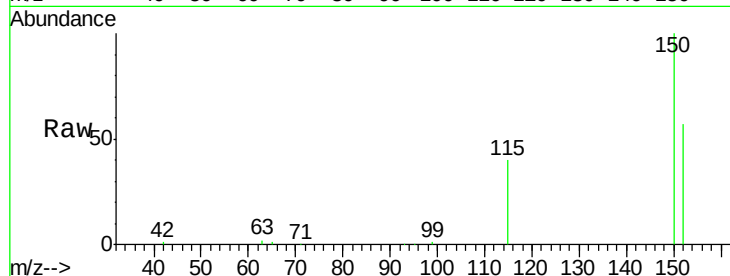




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.76 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: BM003062.D
 Acq: 05 Nov 2015 13:55

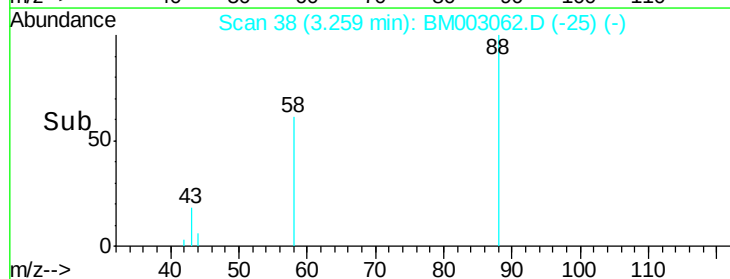
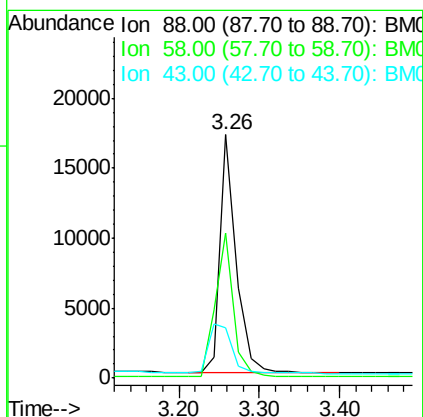
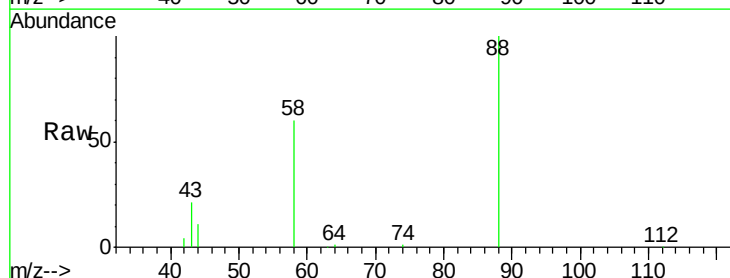
Instrument :
 BNA_M
 ClientSampleId :
 PB86422BS

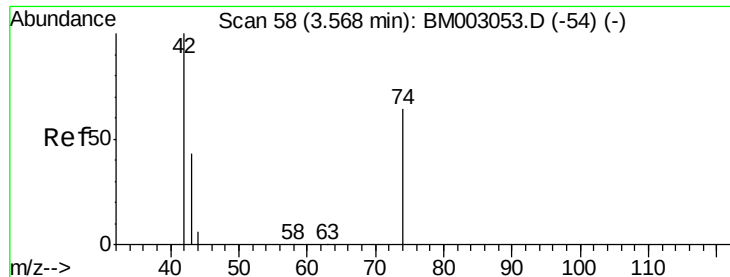
Tgt Ion: 152 Resp: 76217
 Ion Ratio Lower Upper
 152 100
 150 174.3 143.6 215.4
 115 70.0 58.5 87.7



#2
 1,4-Dioxane
 Concen: 3.54 ng
 RT: 3.26 min Scan# 38
 Delta R.T. 0.00 min
 Lab File: BM003062.D
 Acq: 05 Nov 2015 13:55

Tgt Ion: 88 Resp: 23892
 Ion Ratio Lower Upper
 88 100
 58 68.3 55.2 82.8
 43 30.5 21.8 32.6





#3

n-Nitrosodimethylamine

Concen: 3.50 ng

RT: 3.57 min Scan# 58

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

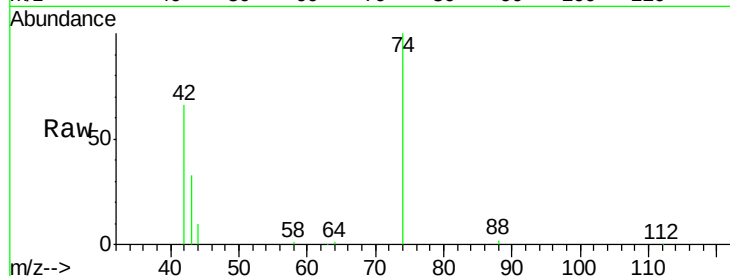
Tgt Ion: 42 Resp: 25036

Ion Ratio Lower Upper

42 100

74 128.8 101.0 151.4

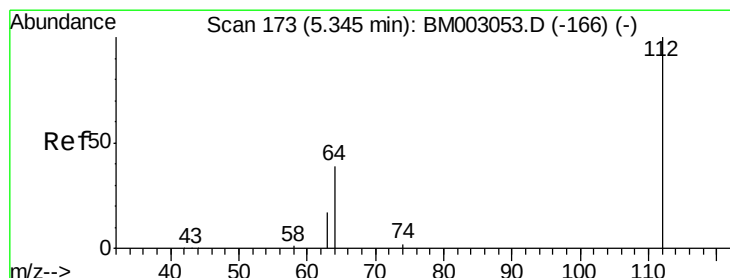
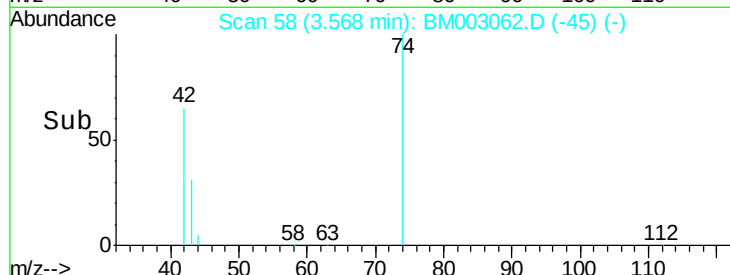
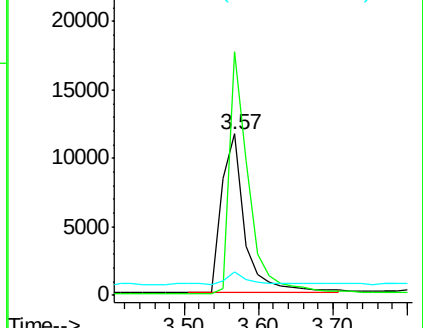
44 6.4 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003053.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BM003053.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BM003053.D (-54) (-)



#4

2-Fluorophenol

Concen: 7.03 ng

RT: 5.35 min Scan# 173

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

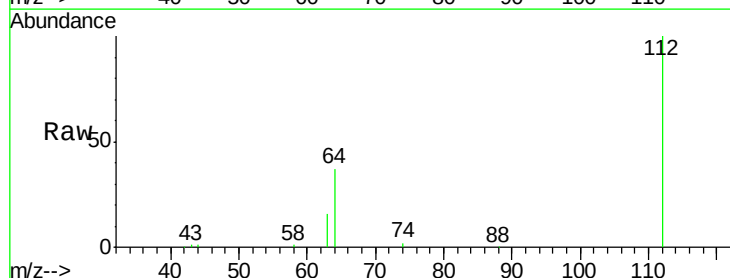
Tgt Ion: 112 Resp: 113478

Ion Ratio Lower Upper

112 100

64 51.1 41.2 61.8

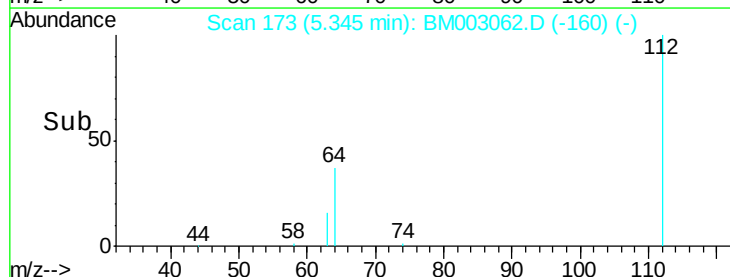
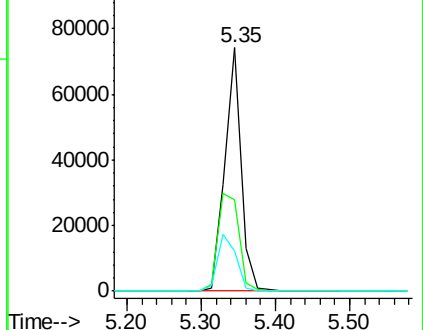
63 26.4 21.2 31.8

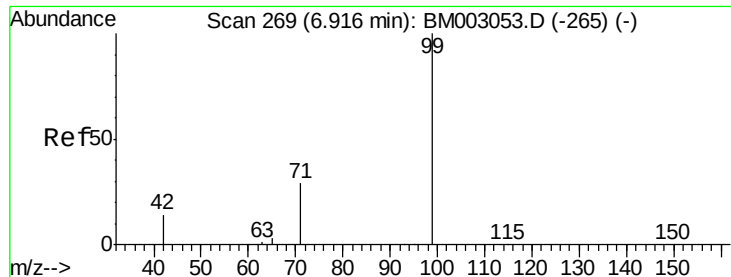


Abundance Ion 112.00 (111.70 to 112.70): BM003053.D (-166) (-)

Ion 64.00 (63.70 to 64.70): BM003053.D (-166) (-)

Ion 63.00 (62.70 to 63.70): BM003053.D (-166) (-)





#5

Phenol-d6

Concen: 8.02 ng

RT: 6.92 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

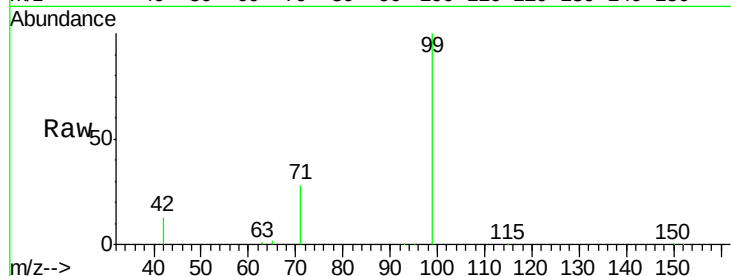
Tgt Ion: 99 Resp: 150987

Ion Ratio Lower Upper

99 100

42 17.4 14.6 22.0

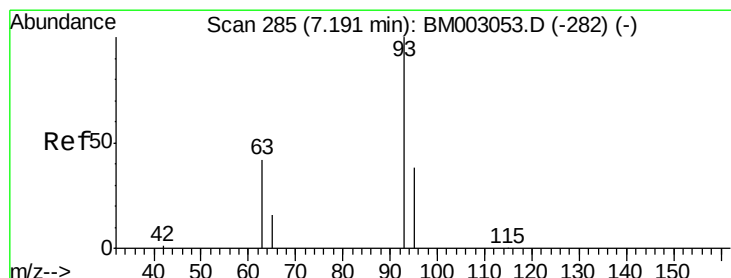
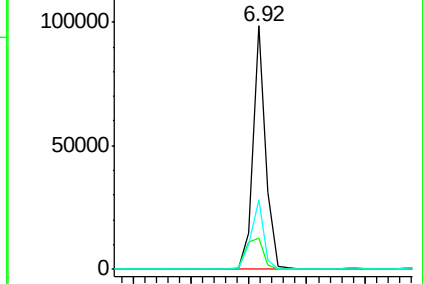
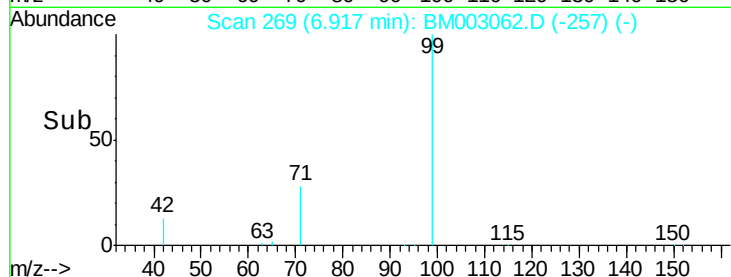
71 29.3 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003053.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM003053.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM003053.D (-265) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.71 ng

RT: 7.17 min Scan# 284

Delta R.T. -0.02 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

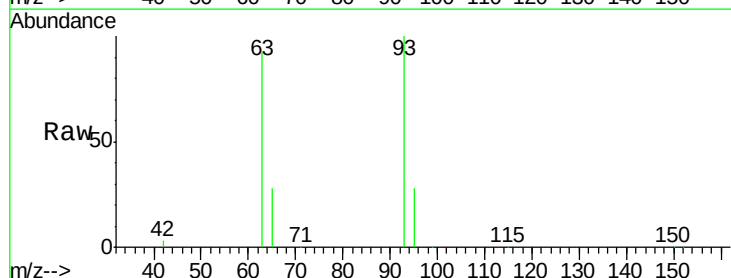
Tgt Ion: 93 Resp: 66962

Ion Ratio Lower Upper

93 100

63 72.2 58.2 87.4

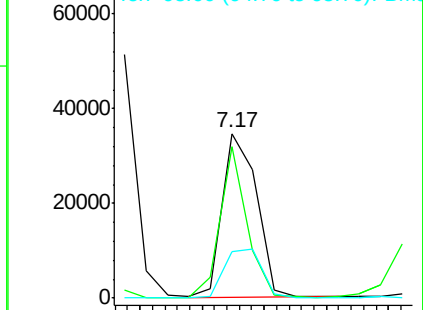
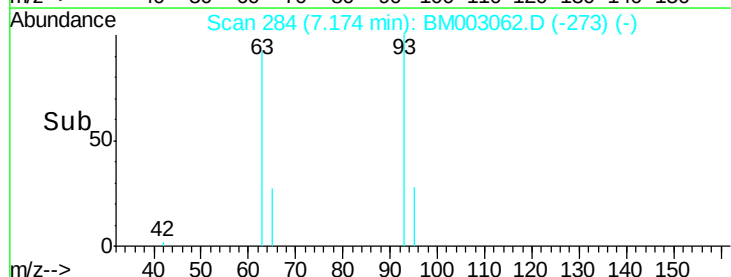
95 32.7 26.2 39.4

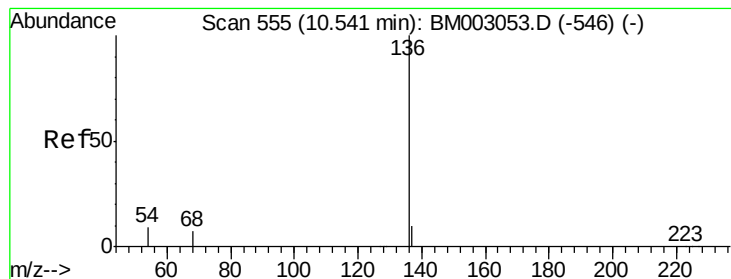


Abundance Ion 93.00 (92.70 to 93.70): BM003053.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BM003053.D (-282) (-)

Ion 95.00 (94.70 to 95.70): BM003053.D (-282) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

Tgt Ion:136 Resp: 327029

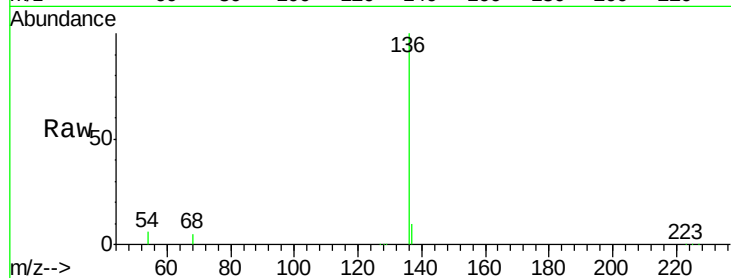
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.4 7.4 11.0#

68 5.4 5.8 8.6#

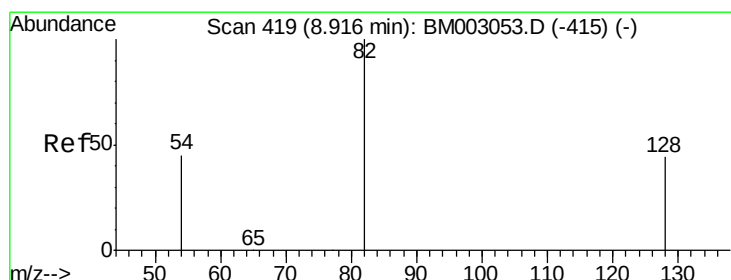
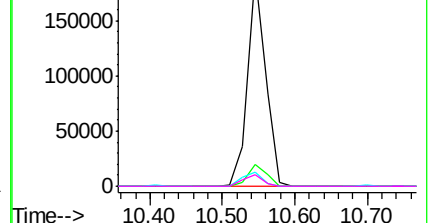
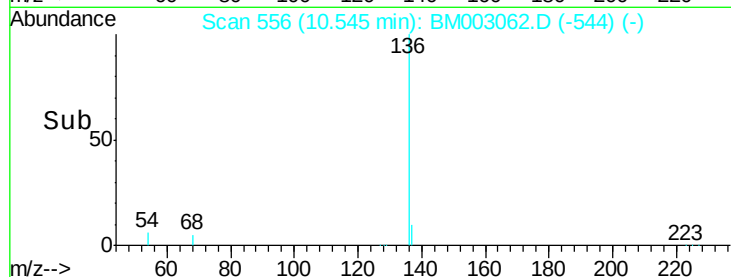


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.73 ng

RT: 8.92 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

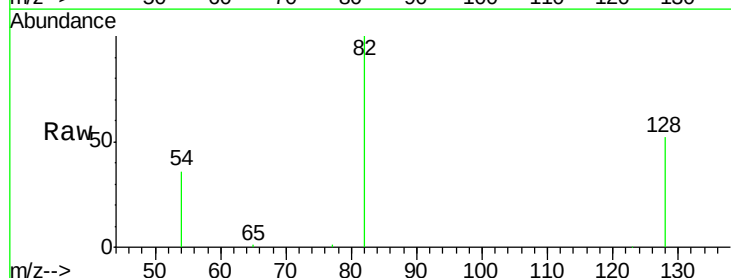
Tgt Ion: 82 Resp: 56199

Ion Ratio Lower Upper

82 100

128 51.9 35.2 52.8

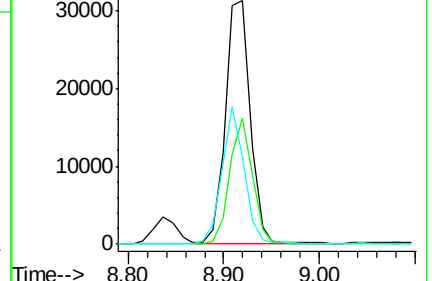
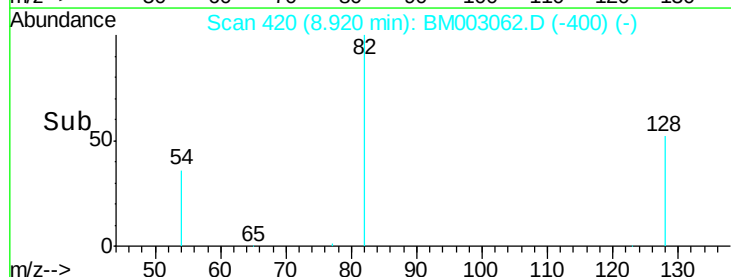
54 36.1 36.4 54.6#

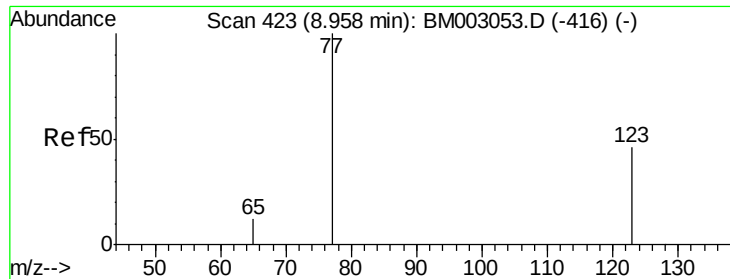


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.70 ng

RT: 8.95 min Scan# 423

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

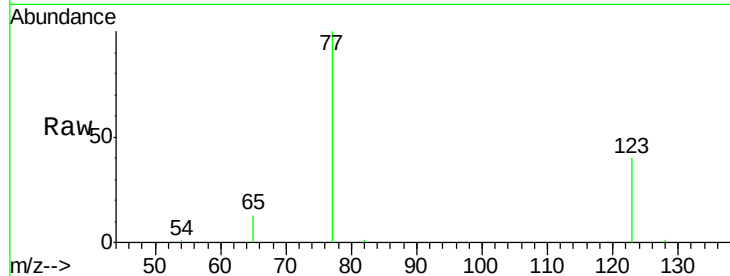
Tgt Ion: 77 Resp: 60341

Ion Ratio Lower Upper

77 100

123 48.5 37.7 56.5

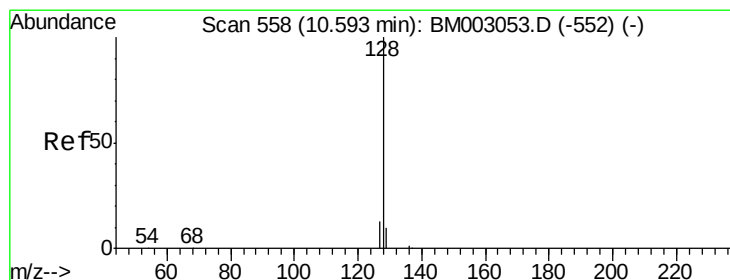
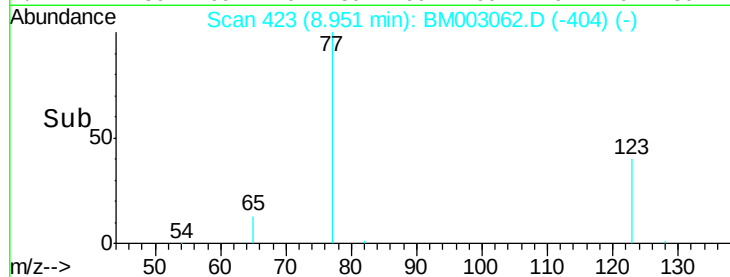
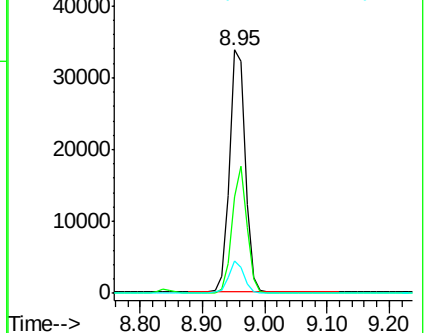
65 12.4 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003062.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM003062.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM003062.D (-404) (-)



#10

Naphthalene

Concen: 3.48 ng

RT: 10.60 min Scan# 559

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

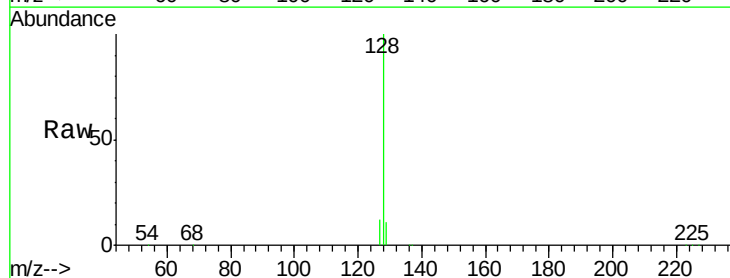
Tgt Ion: 128 Resp: 244332

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

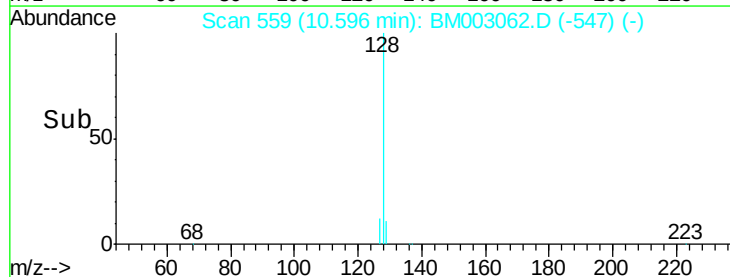
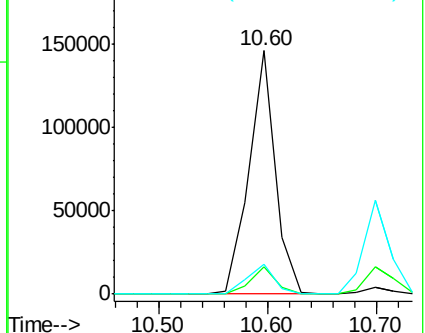
127 12.2 10.6 16.0

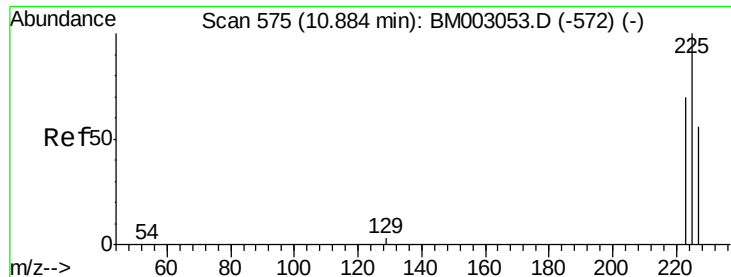


Abundance Ion 128.00 (127.70 to 128.70): BM003062.D (-547) (-)

Ion 129.00 (128.70 to 129.70): BM003062.D (-547) (-)

Ion 127.00 (126.70 to 127.70): BM003062.D (-547) (-)

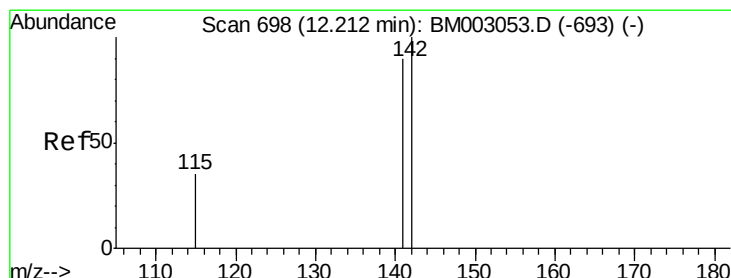
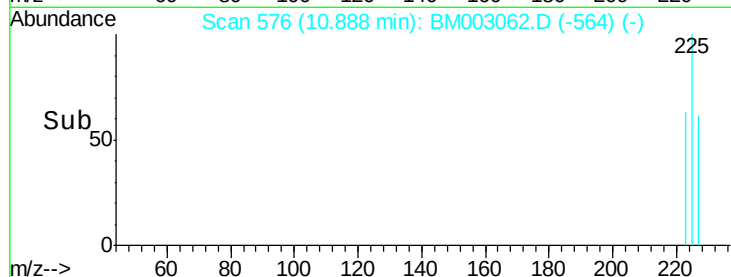
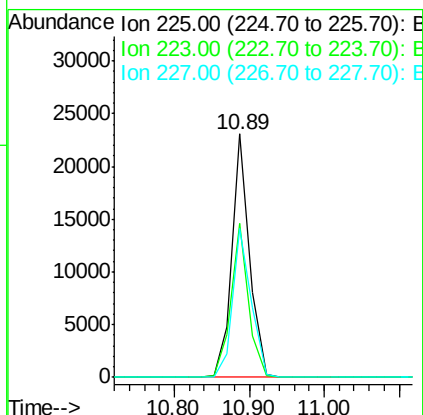
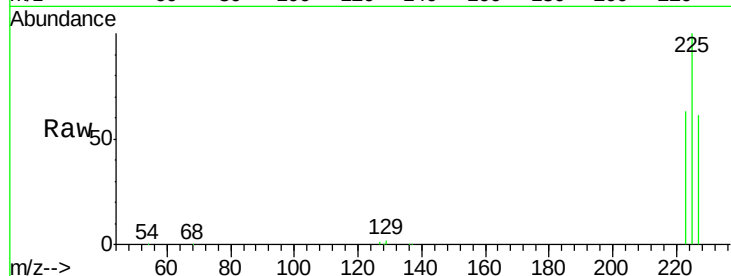




#11
Hexachlorobutadiene
Concen: 3.35 ng
RT: 10.89 min Scan# 576
Delta R.T. 0.00 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

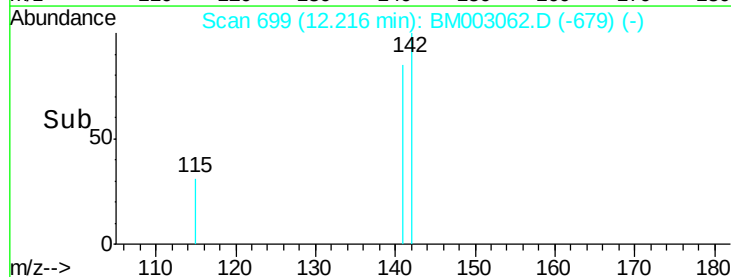
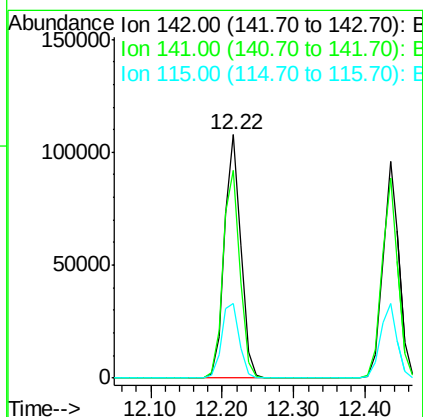
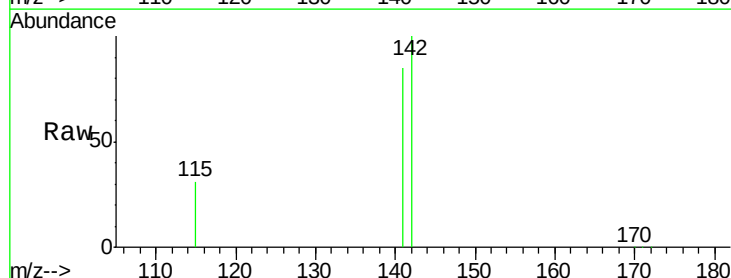
Instrument :
BNA_M
ClientSampleId :
PB86422BS

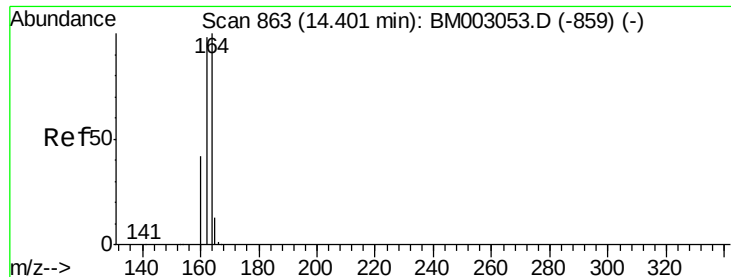
Tgt Ion: 225 Resp: 36412
Ion Ratio Lower Upper
225 100
223 63.6 53.0 79.4
227 64.0 52.2 78.4



#12
2-Methylnaphthalene
Concen: 3.73 ng
RT: 12.22 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

Tgt Ion: 142 Resp: 169552
Ion Ratio Lower Upper
142 100
141 85.2 72.2 108.2
115 30.6 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

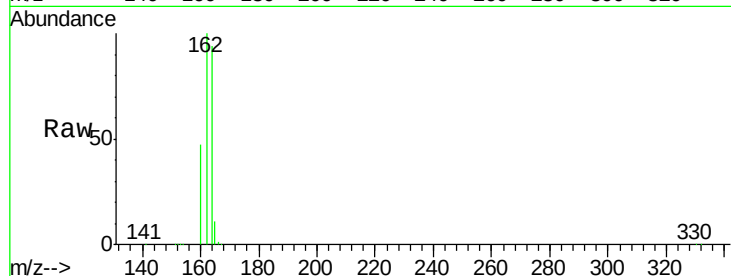
Tgt Ion:164 Resp: 177532

Ion Ratio Lower Upper

164 100

162 106.7 78.3 117.5

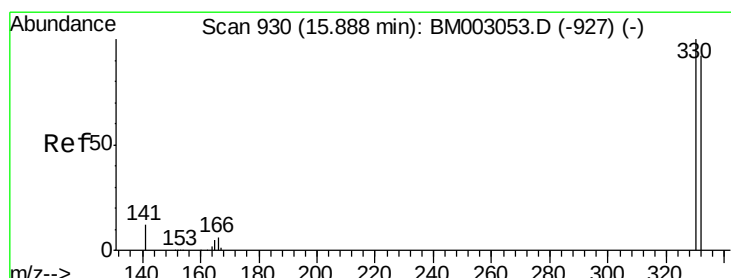
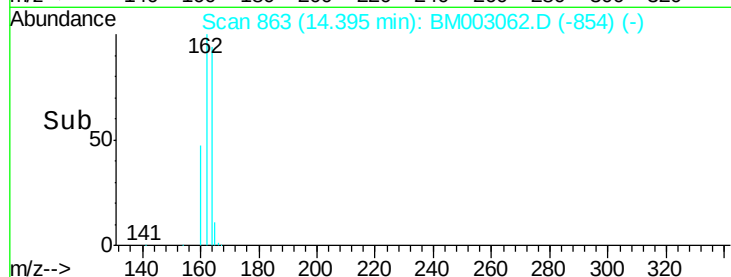
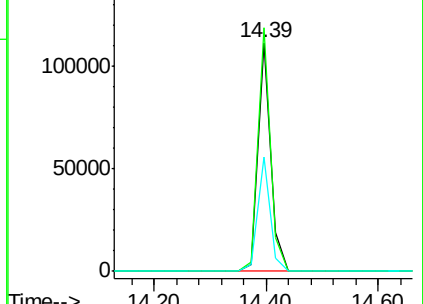
160 50.3 33.8 50.6



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: 9.62 ng

RT: 15.88 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

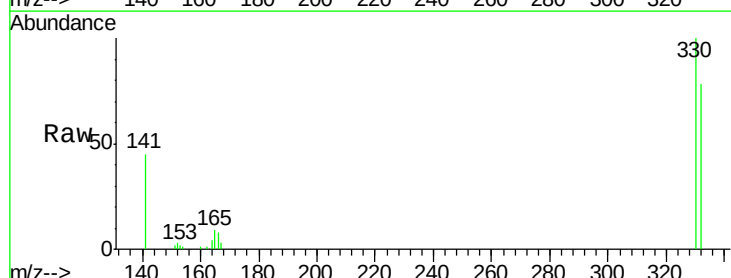
Tgt Ion:330 Resp: 44235

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

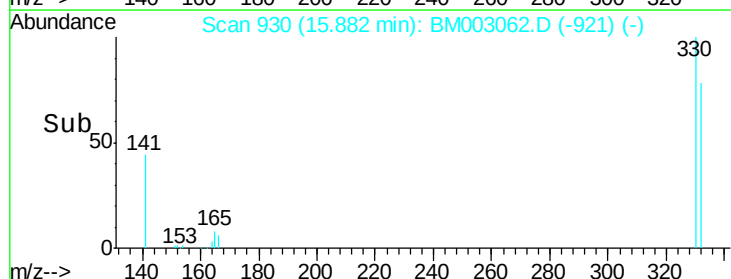
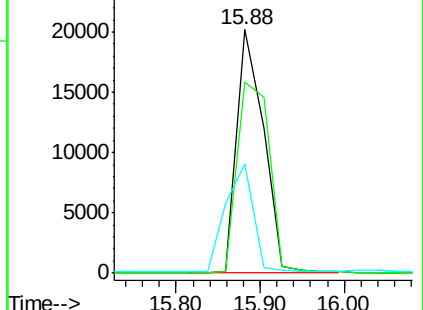
141 45.9 0.0 0.0#

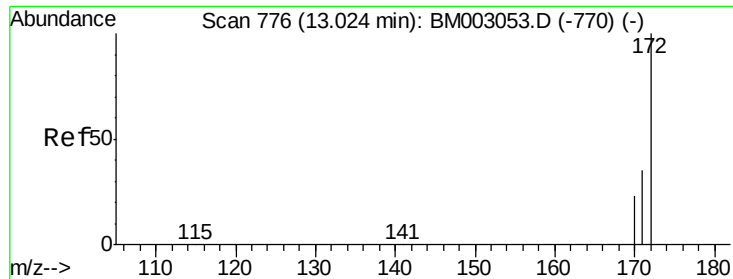


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

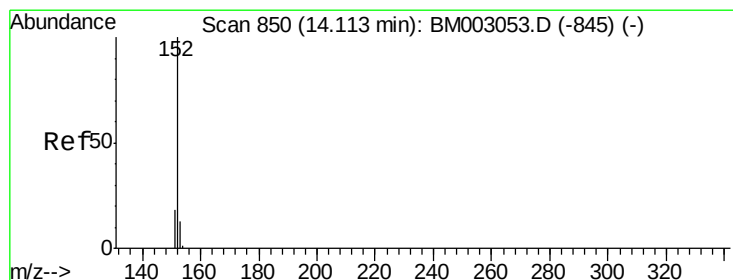
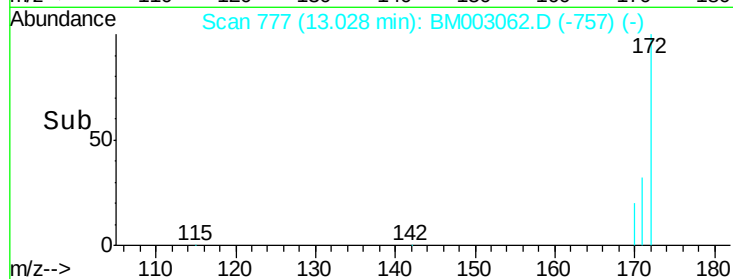
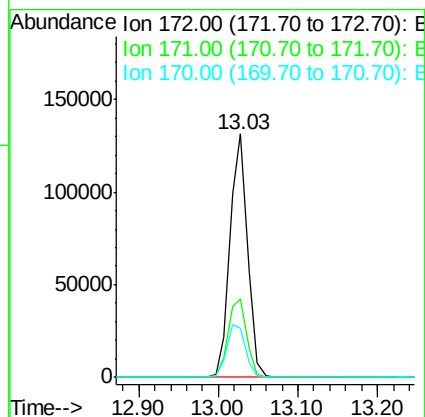
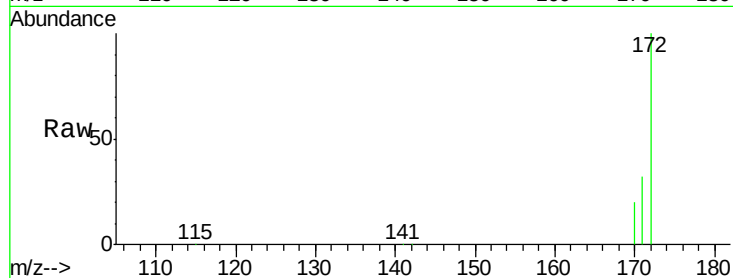




#15
2-Fluorobiphenyl
Concen: 3.56 ng
RT: 13.03 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

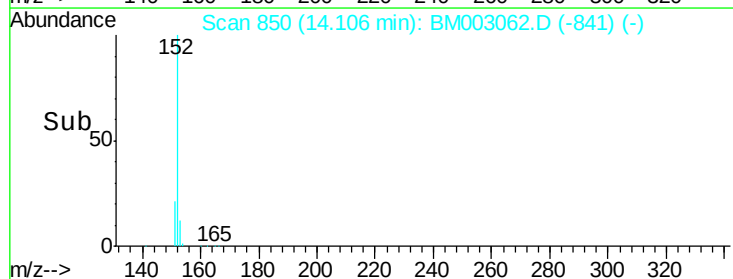
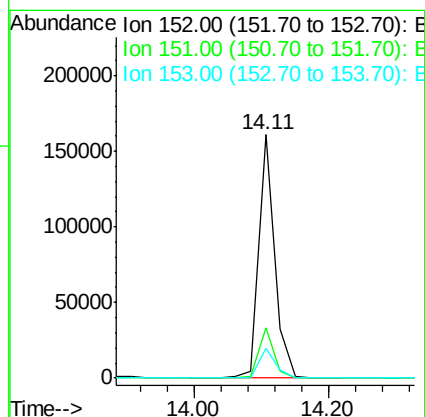
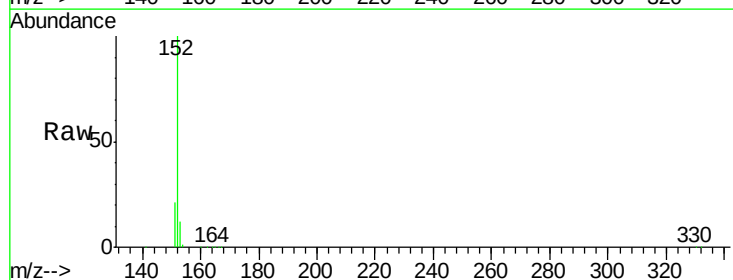
Instrument :
BNA_M
ClientSampleId :
PB86422BS

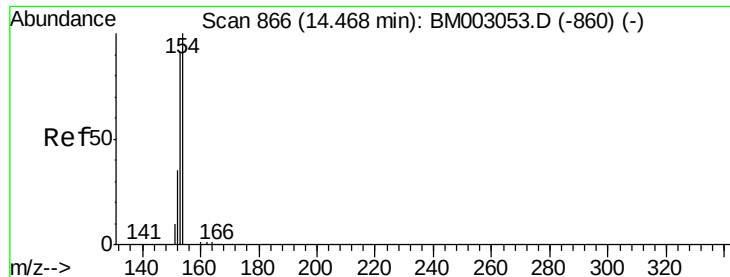
Tgt Ion:172 Resp: 199066
Ion Ratio Lower Upper
172 100
171 32.1 28.0 42.0
170 20.0 18.9 28.3



#16
Acenaphthylene
Concen: 3.88 ng
RT: 14.11 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

Tgt Ion:152 Resp: 268312
Ion Ratio Lower Upper
152 100
151 19.6 15.2 22.8
153 12.7 10.4 15.6

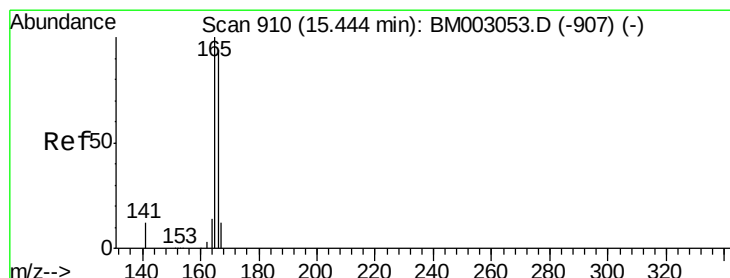
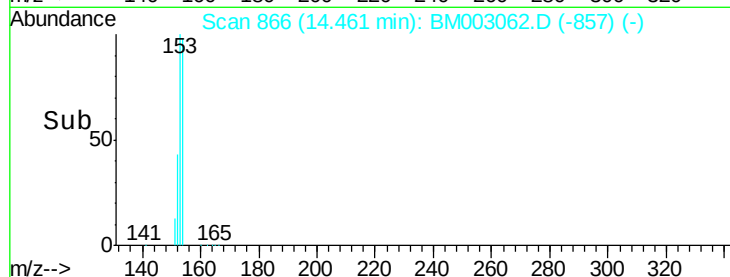
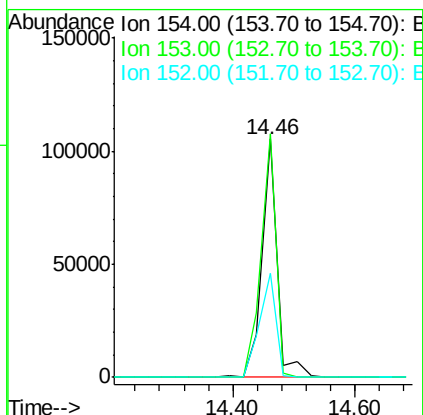
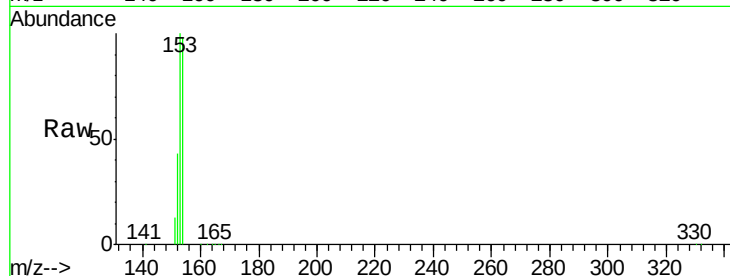




#17
Acenaphthene
Concen: 3.86 ng
RT: 14.46 min Scan# 866
Delta R.T. -0.01 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

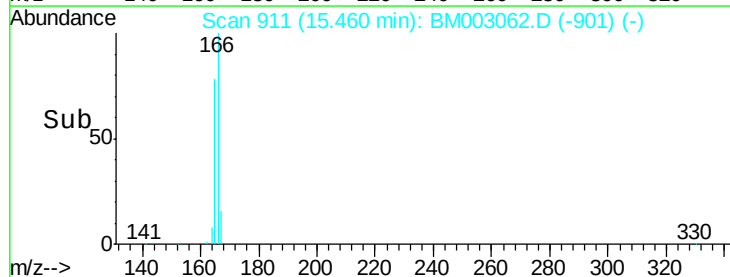
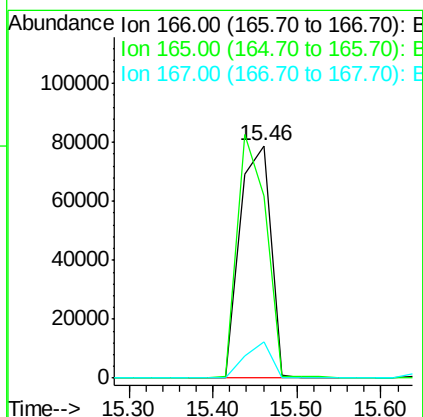
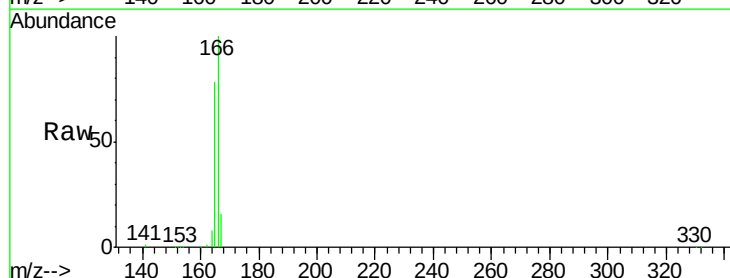
Instrument :
BNA_M
ClientSampleId :
PB86422BS

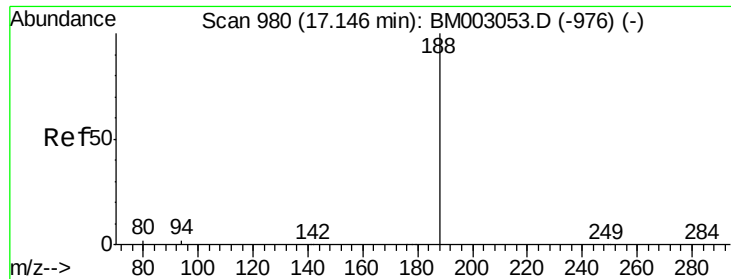
Tgt Ion:154 Resp: 183411
Ion Ratio Lower Upper
154 100
153 100.6 0.0 0.0#
152 47.6 0.0 0.0#



#18
Fluorene
Concen: 3.94 ng
RT: 15.46 min Scan# 911
Delta R.T. 0.02 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

Tgt Ion:166 Resp: 199532
Ion Ratio Lower Upper
166 100
165 0.0 80.8 121.2#
167 13.5 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

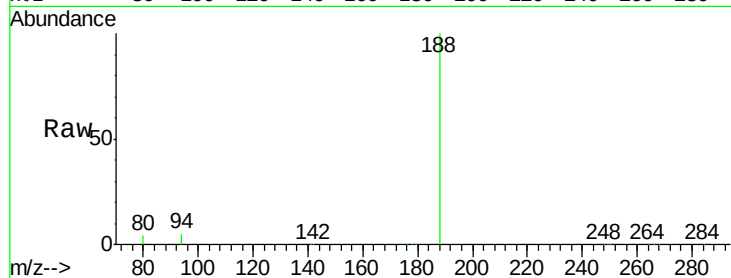
Tgt Ion:188 Resp: 439346

Ion Ratio Lower Upper

188 100

94 4.9 1.8 2.6#

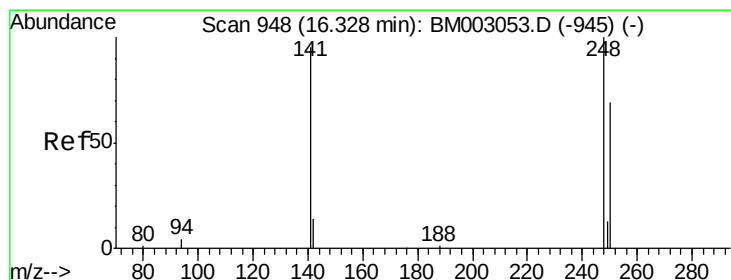
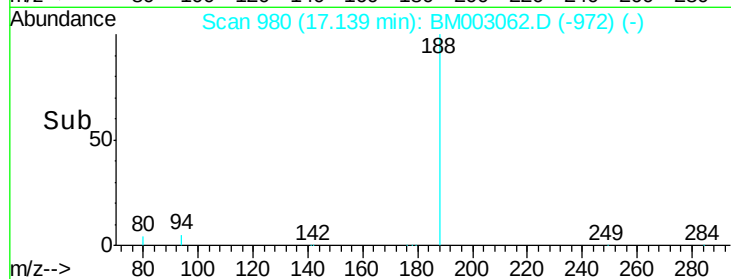
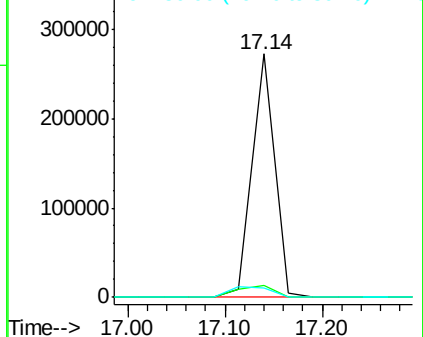
80 4.1 1.4 2.0#



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: 3.43 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

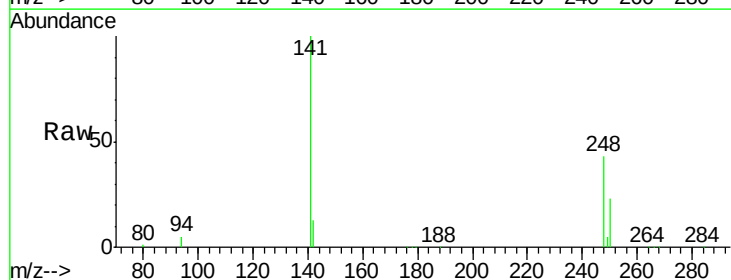
Tgt Ion:248 Resp: 46591

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

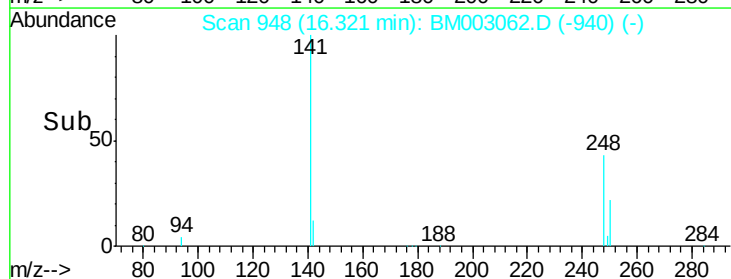
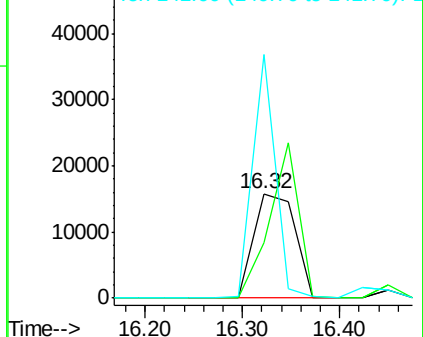
141 126.1 72.8 109.2#

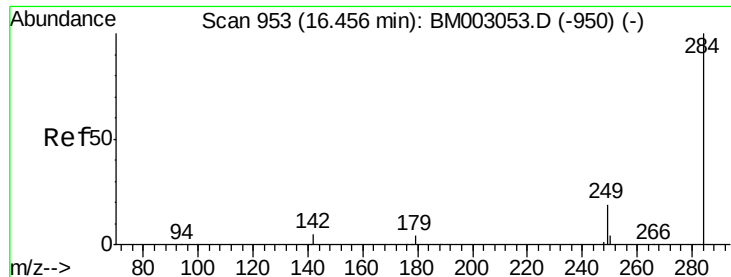


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

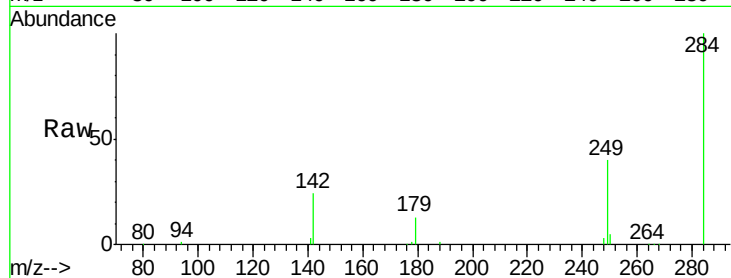




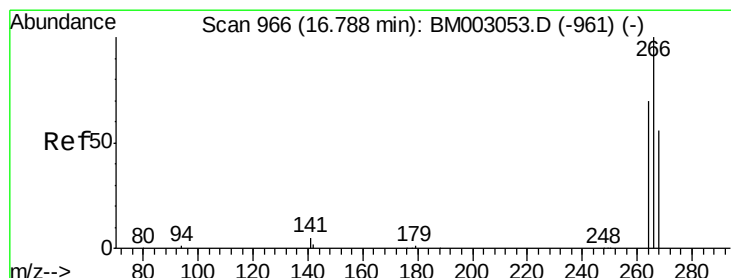
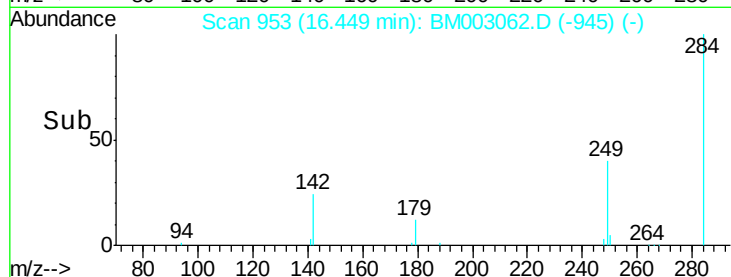
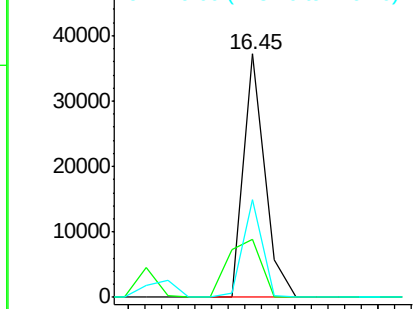
#21
Hexachlorobenzene
Concen: 3.53 ng
RT: 16.45 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

Instrument :
BNA_M
ClientSampleId :
PB86422BS

Tgt Ion: 284 Resp: 65876
Ion Ratio Lower Upper
284 100
142 37.4 0.0 0.0#
249 36.2 19.4 29.2#

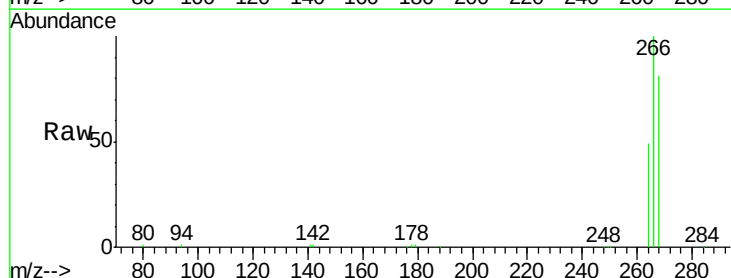


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

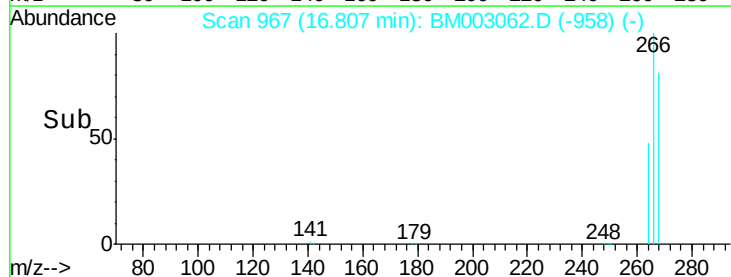
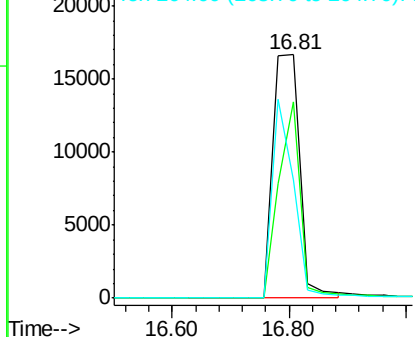


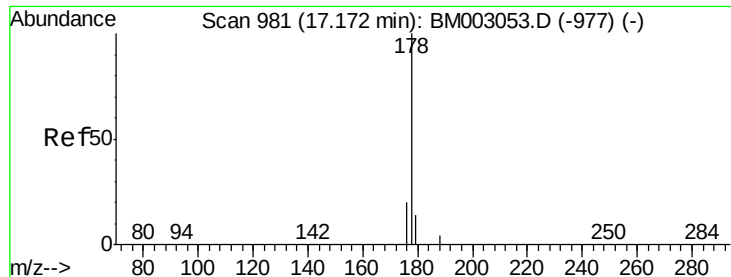
#22
Pentachlorophenol
Concen: 7.77 ng
RT: 16.81 min Scan# 967
Delta R.T. 0.02 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

Tgt Ion: 266 Resp: 53346
Ion Ratio Lower Upper
266 100
268 80.6 45.8 68.8#
264 48.6 56.7 85.1#



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: 3.84 ng

RT: 17.16 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

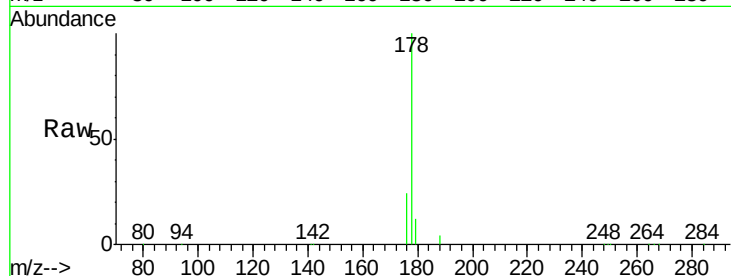
Tgt Ion:178 Resp: 308612

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

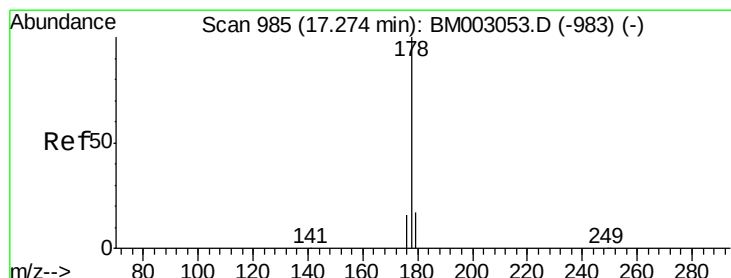
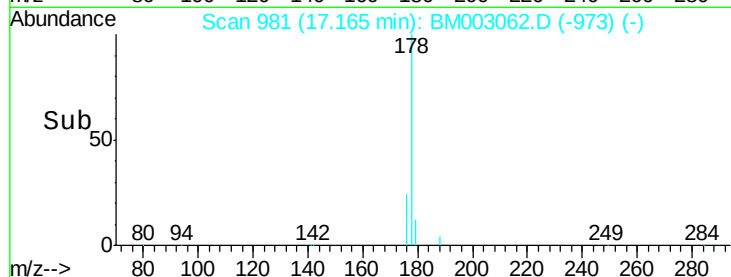
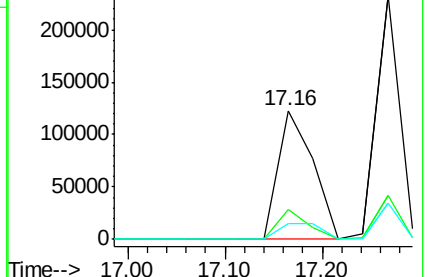
179 15.0 11.7 17.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 4.08 ng

RT: 17.27 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

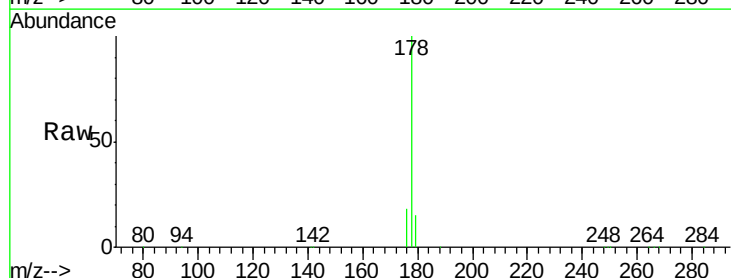
Tgt Ion:178 Resp: 380136

Ion Ratio Lower Upper

178 100

176 18.2 14.1 21.1

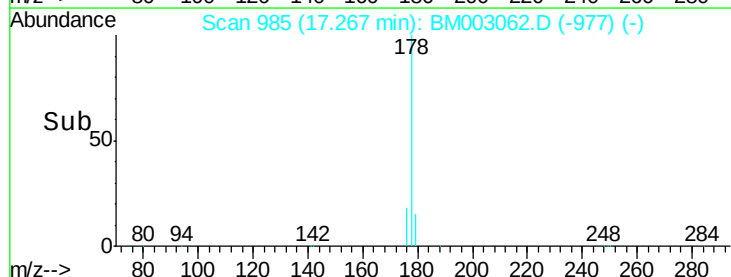
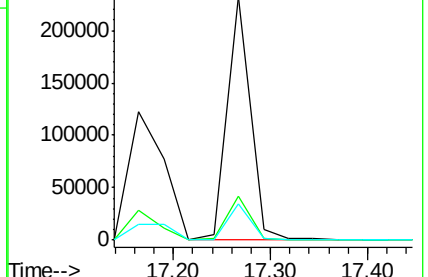
179 15.0 12.8 19.2

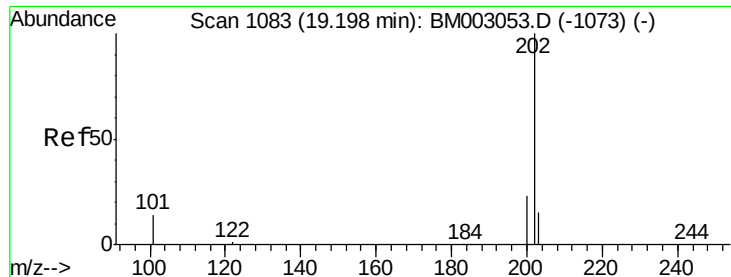


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.44 ng

RT: 19.21 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

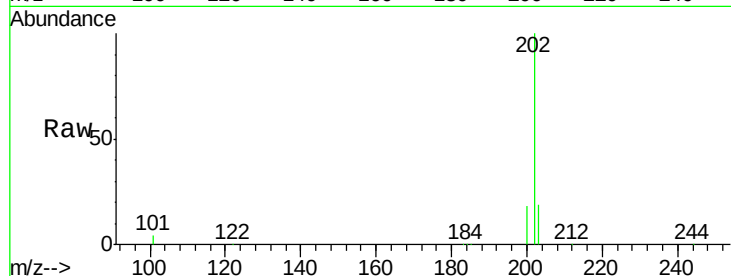
Tgt Ion:202 Resp: 389090

Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

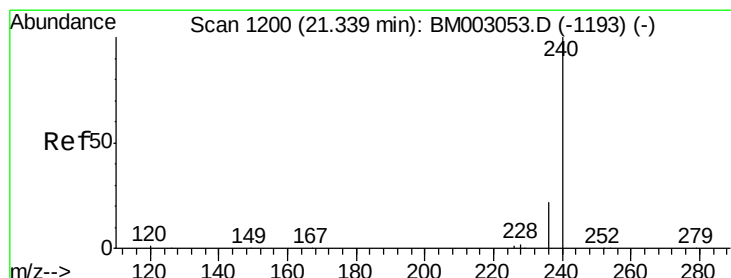
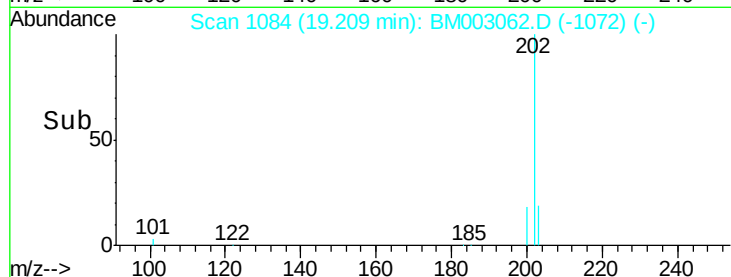
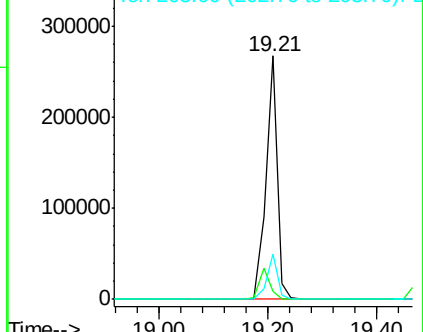
203 17.7 13.9 20.9



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: 21.33 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

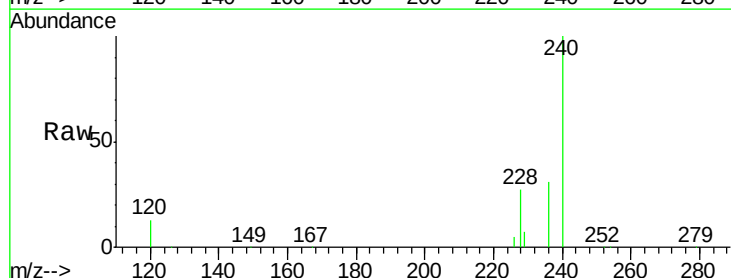
Tgt Ion:240 Resp: 370309

Ion Ratio Lower Upper

240 100

120 12.8 1.0 1.4#

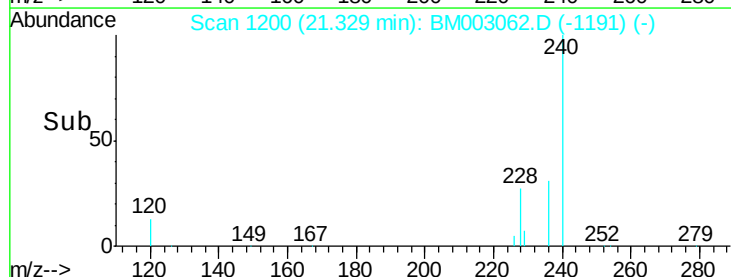
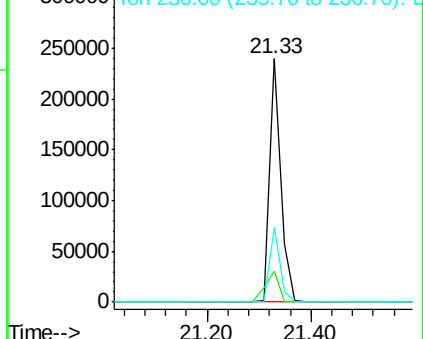
236 30.9 17.9 26.9#

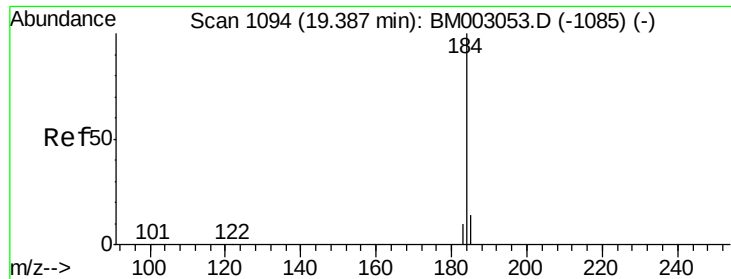


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.17 ng

RT: 19.38 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

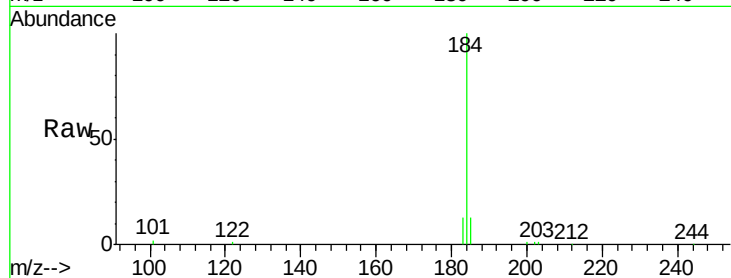
Tgt Ion:184 Resp: 33351

Ion Ratio Lower Upper

184 100

185 12.9 11.6 17.4

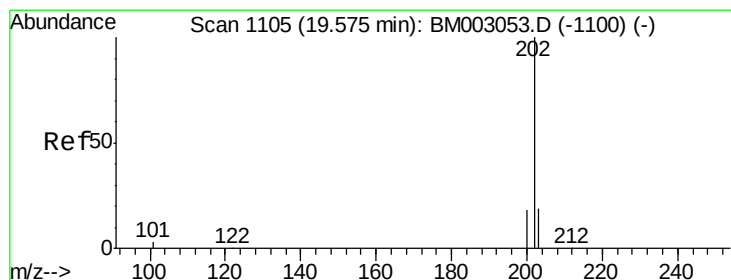
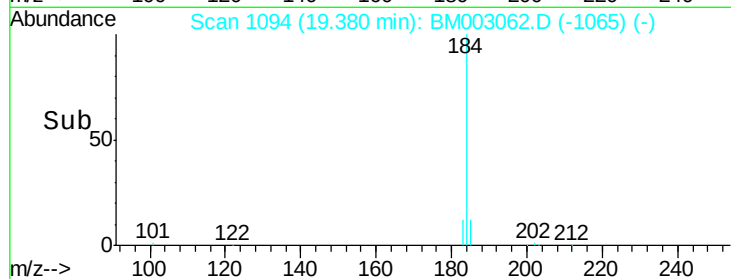
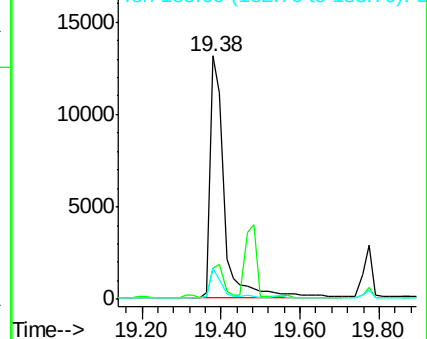
183 12.9 8.6 13.0



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: 4.07 ng

RT: 19.57 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

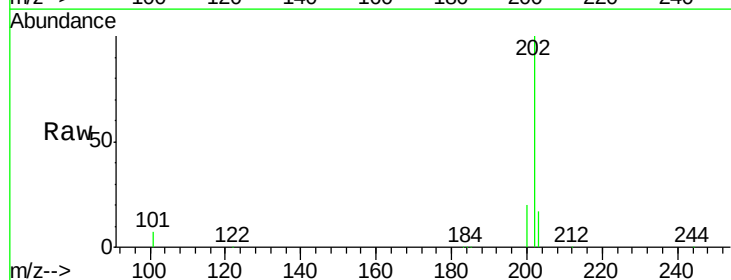
Tgt Ion:202 Resp: 437105

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

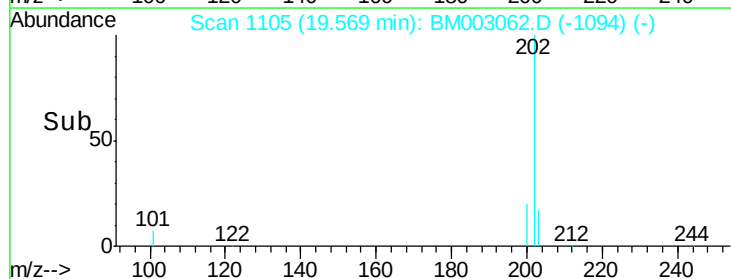
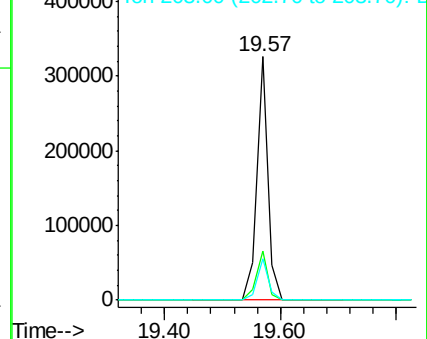
203 17.9 13.8 20.6

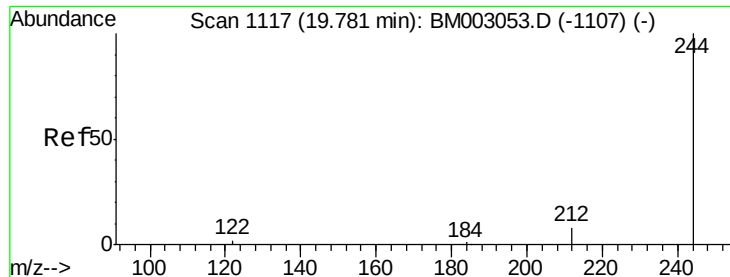


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.80 ng

RT: 19.77 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

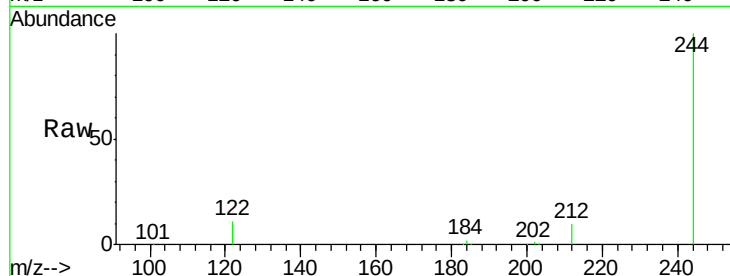
Tgt Ion:244 Resp: 202719

Ion Ratio Lower Upper

244 100

212 9.8 6.5 9.7#

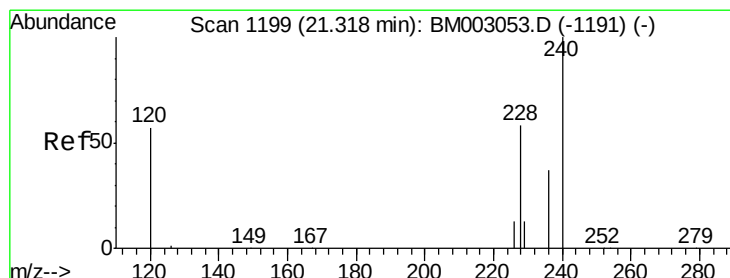
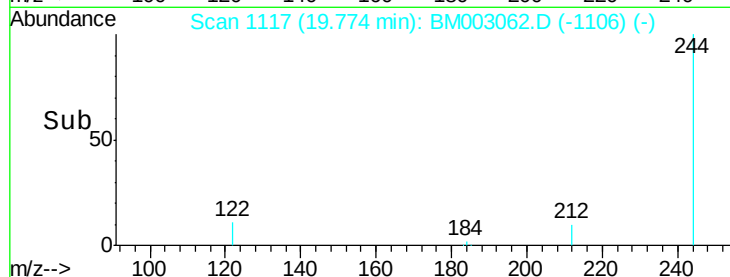
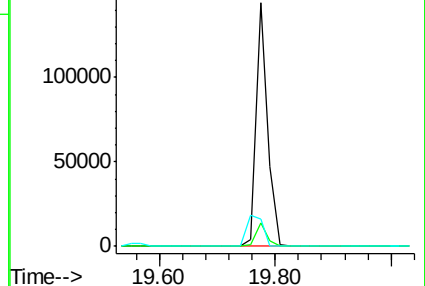
122 11.2 2.0 3.0#



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: 3.41 ng

RT: 21.37 min Scan# 1202

Delta R.T. 0.05 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

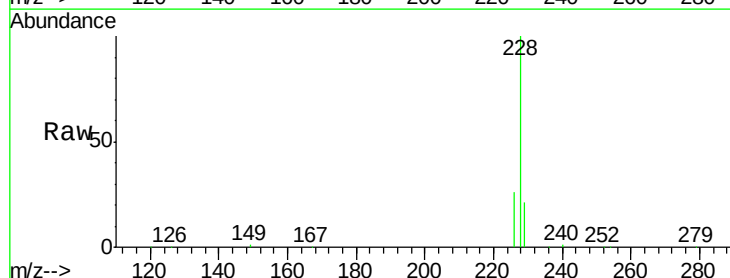
Tgt Ion:228 Resp: 325610

Ion Ratio Lower Upper

228 100

226 26.5 17.8 26.6

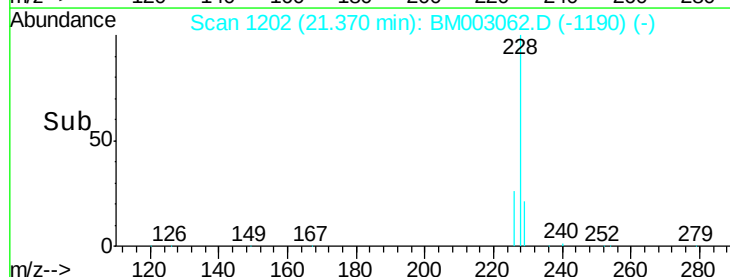
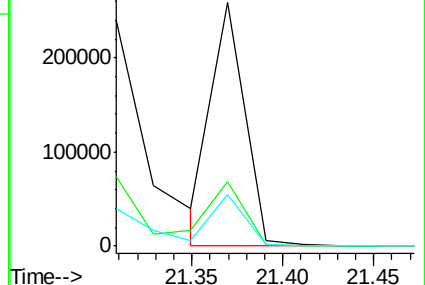
229 21.1 18.0 27.0

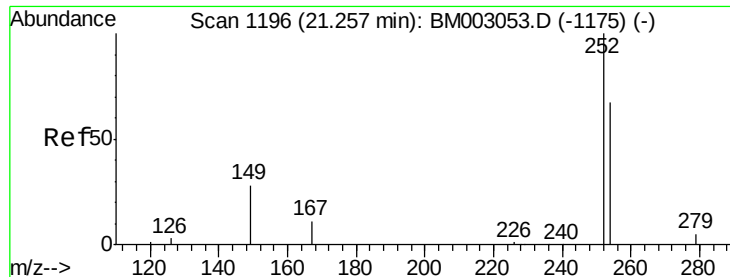


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

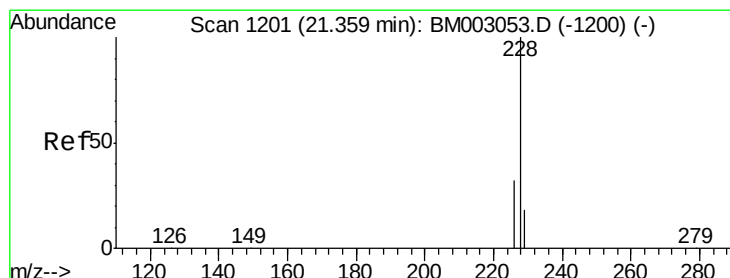
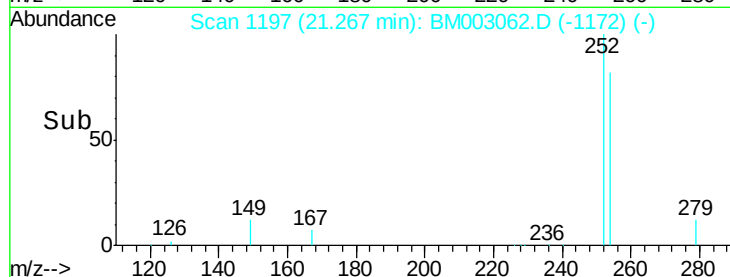
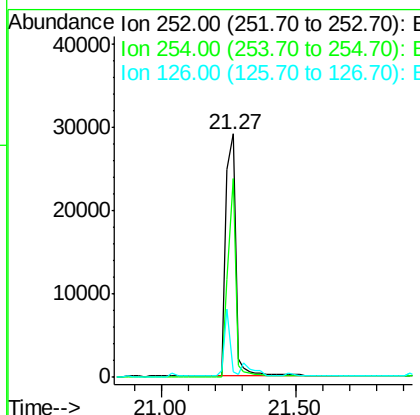
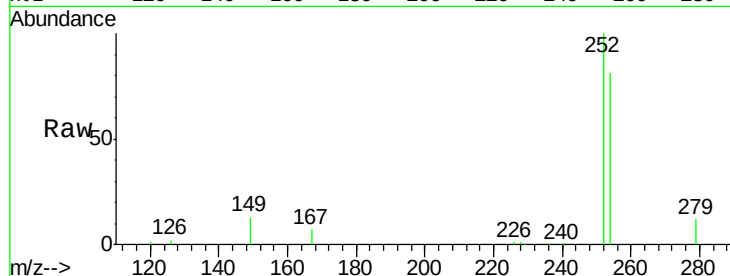




#31
 3,3'-Dichlorobenzidine
 Concen: 2.70 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BM003062.D
 Acq: 05 Nov 2015 13:55

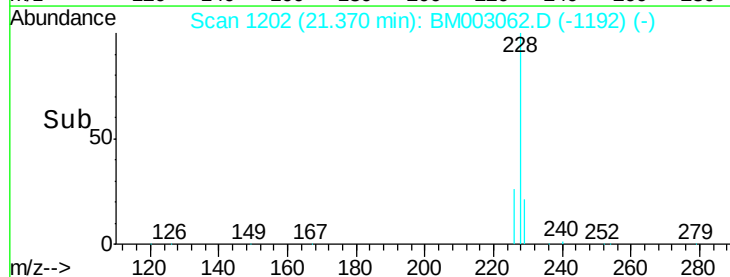
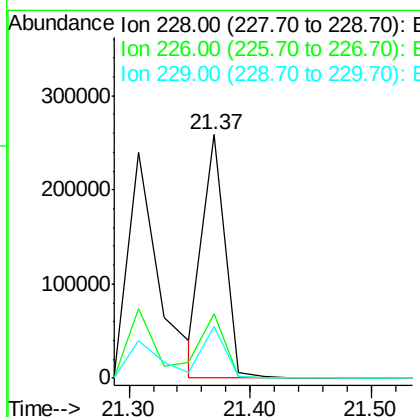
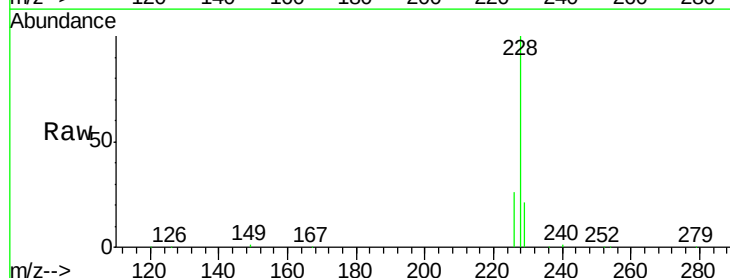
Instrument :
 BNA_M
 ClientSampleId :
 PB86422BS

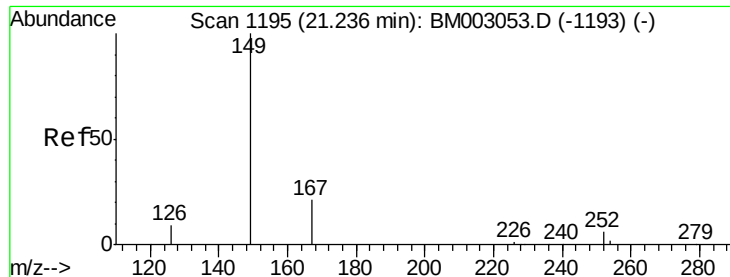
Tgt Ion: 252 Resp: 74267
 Ion Ratio Lower Upper
 252 100
 254 81.5 53.7 80.5#
 126 2.2 2.8 4.2#



#32
 Chrysene
 Concen: 3.78 ng
 RT: 21.37 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BM003062.D
 Acq: 05 Nov 2015 13:55

Tgt Ion: 228 Resp: 327362
 Ion Ratio Lower Upper
 228 100
 226 26.5 25.5 38.3
 229 21.1 14.3 21.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 5.34 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

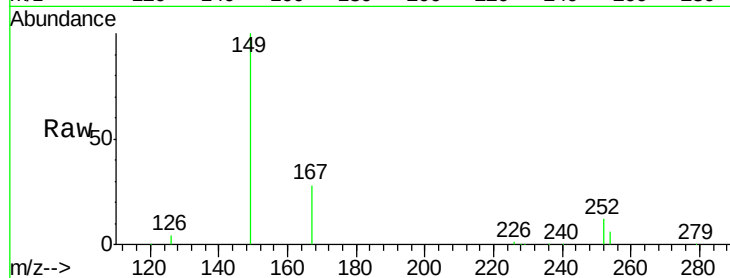
Tgt Ion:149 Resp: 267343

Ion Ratio Lower Upper

149 100

167 27.9 19.6 29.4

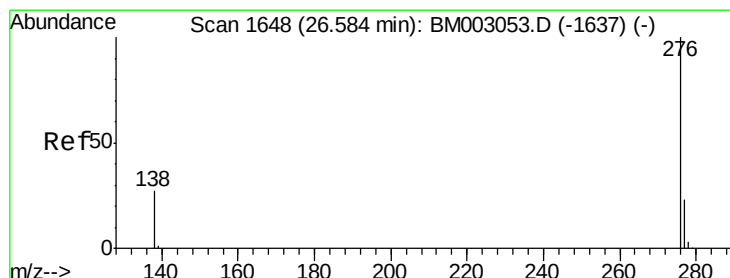
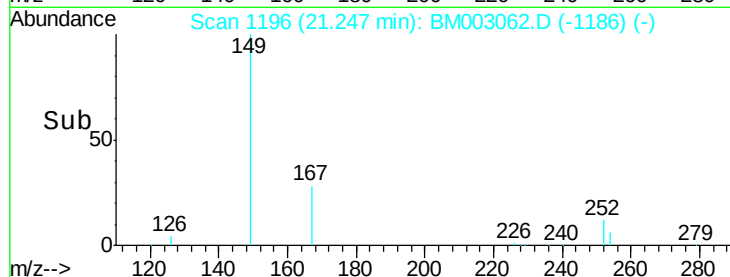
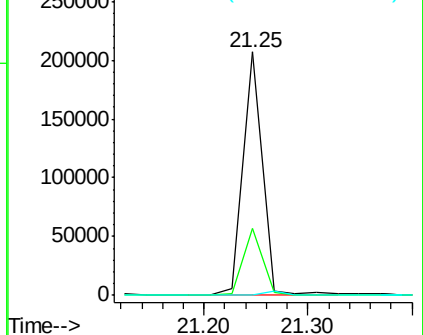
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 2.99 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

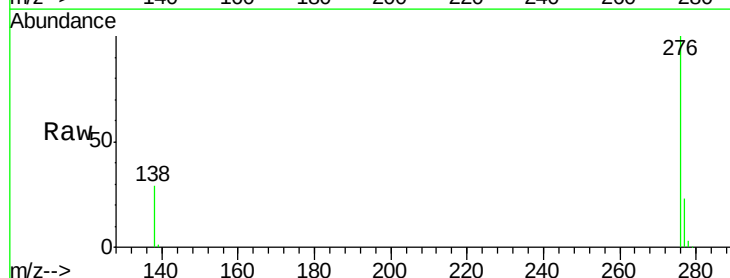
Tgt Ion:276 Resp: 236455

Ion Ratio Lower Upper

276 100

138 27.9 22.6 33.8

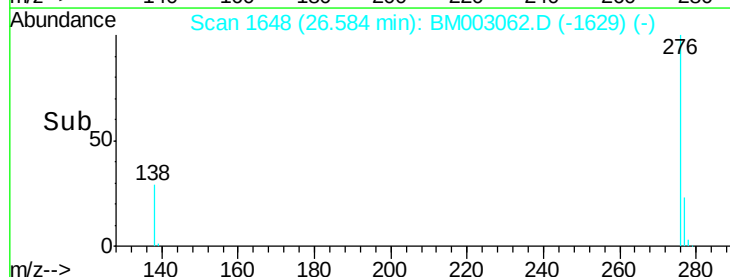
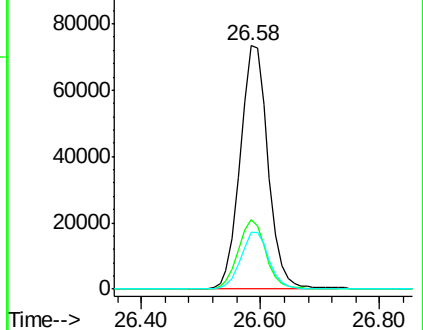
277 23.4 18.7 28.1

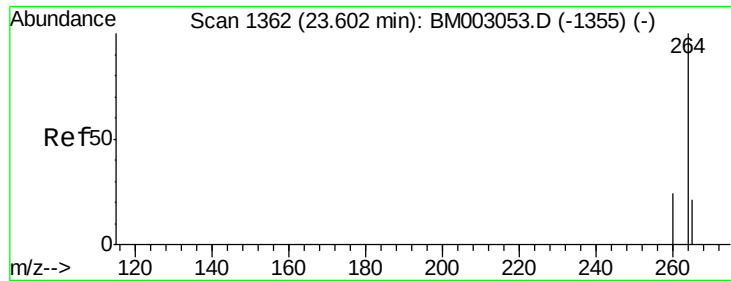


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



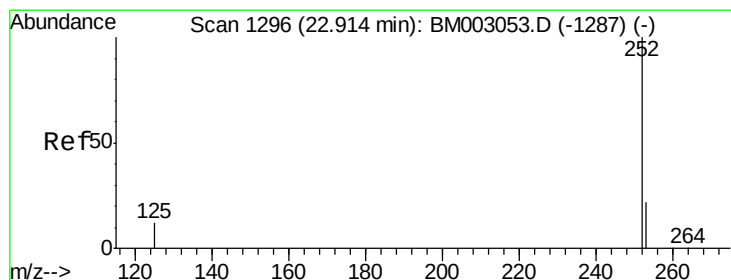
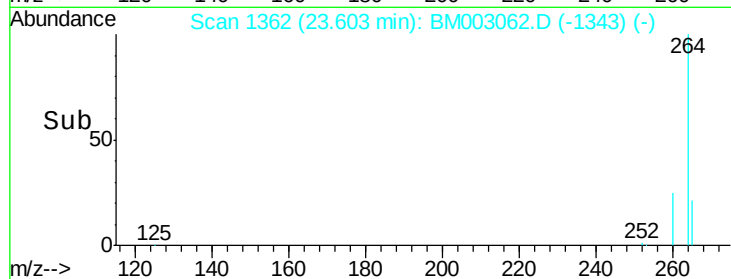
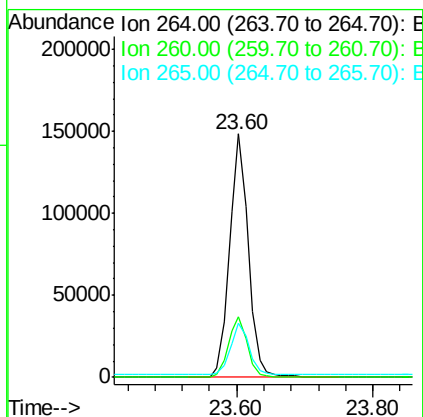
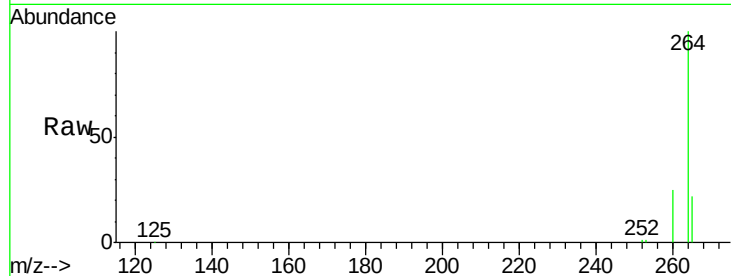


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.60 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

Instrument :
BNA_M
ClientSampleId :
PB86422BS

Tgt Ion: 264 Resp: 283196

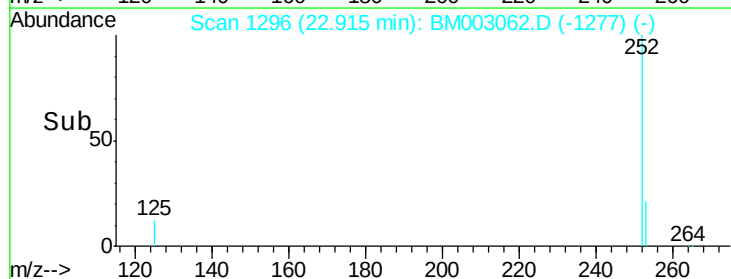
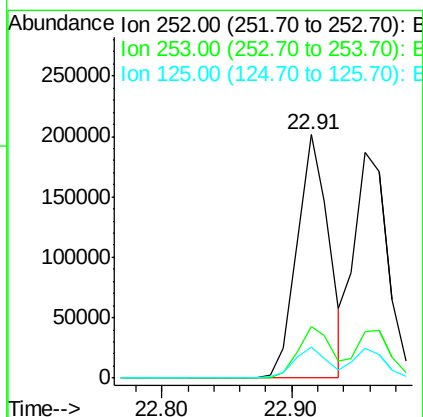
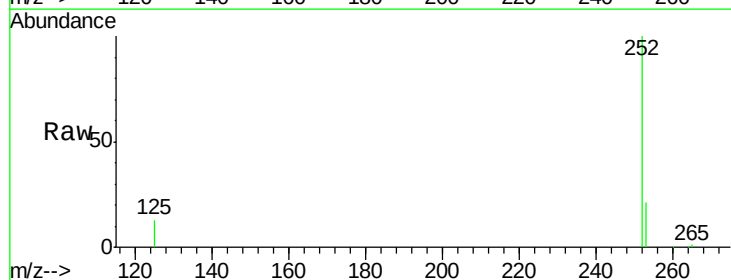
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	22.1	18.4	27.6

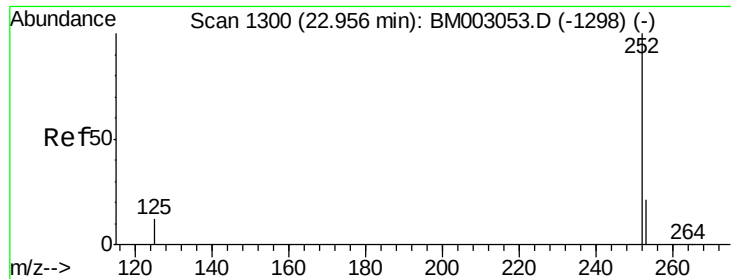


#36
Benzo(b)fluoranthene
Concen: 4.06 ng
RT: 22.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM003062.D
Acq: 05 Nov 2015 13:55

Tgt Ion: 252 Resp: 340002

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	12.7	10.3	15.5





#37

Benzo(k)fluoranthene

Concen: 4.42 ng

RT: 22.96 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

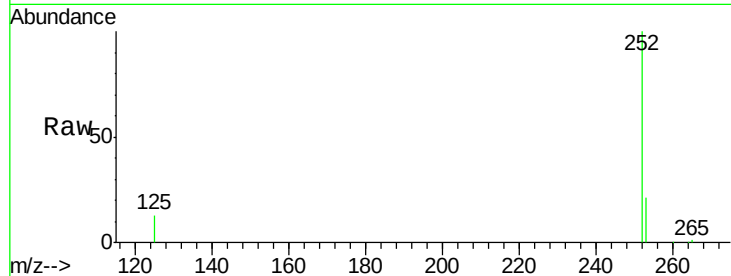
Tgt Ion:252 Resp: 331531

Ion Ratio Lower Upper

252 100

253 20.6 17.5 26.3

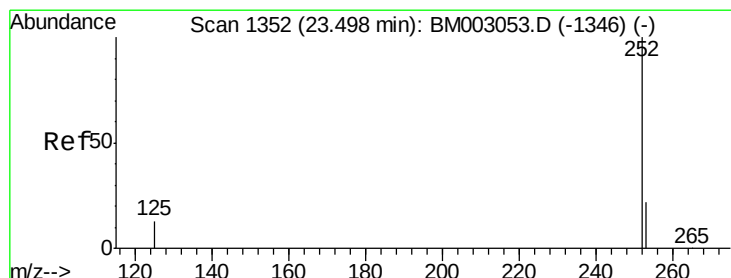
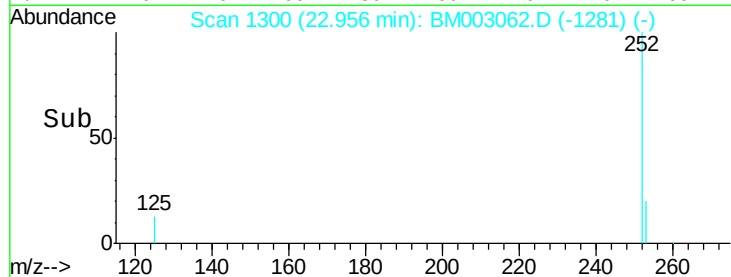
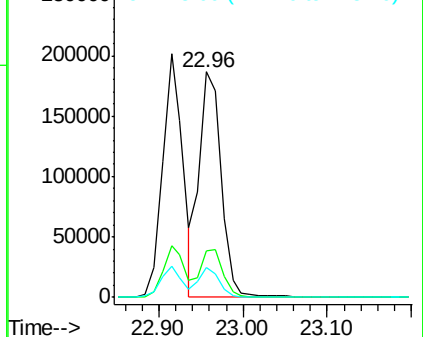
125 13.0 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 4.08 ng

RT: 23.50 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

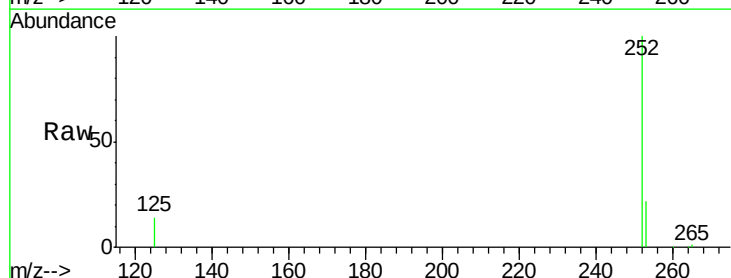
Tgt Ion:252 Resp: 296628

Ion Ratio Lower Upper

252 100

253 21.7 18.7 28.1

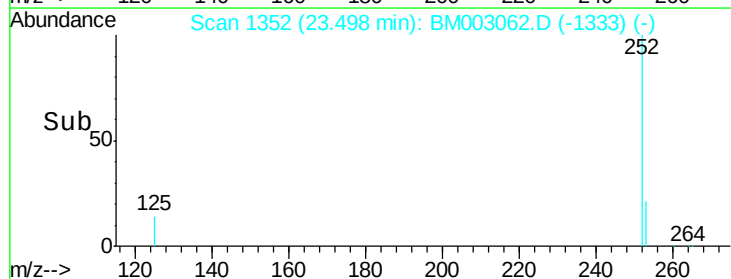
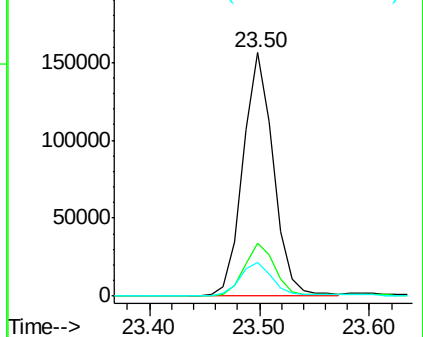
125 14.0 11.6 17.4

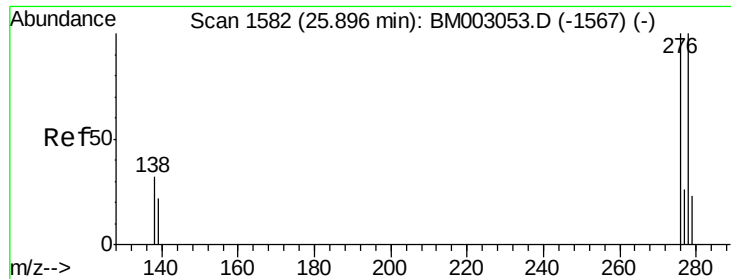


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.30 ng

RT: 25.91 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

Instrument :

BNA_M

ClientSampleId :

PB86422BS

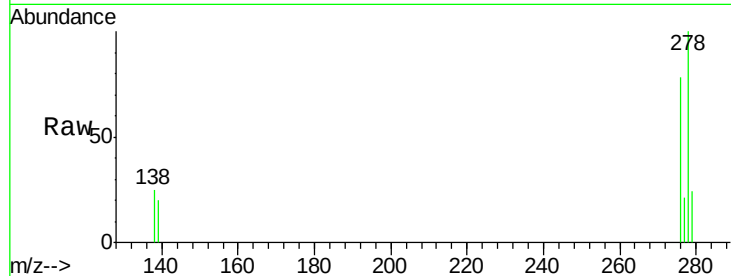
Tgt Ion: 278 Resp: 233266

Ion Ratio Lower Upper

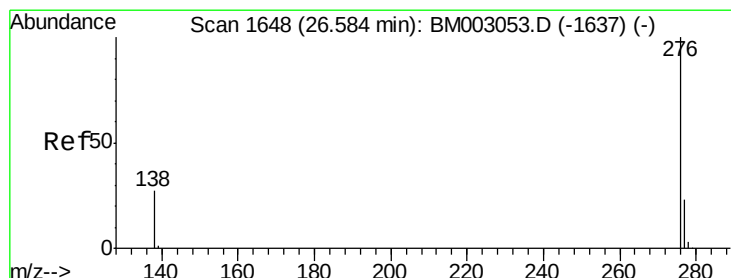
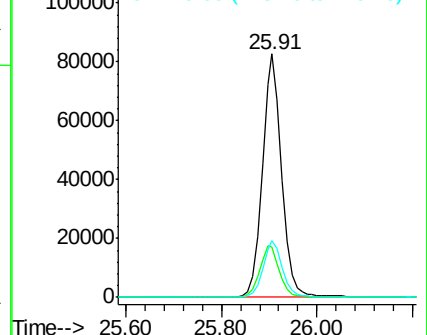
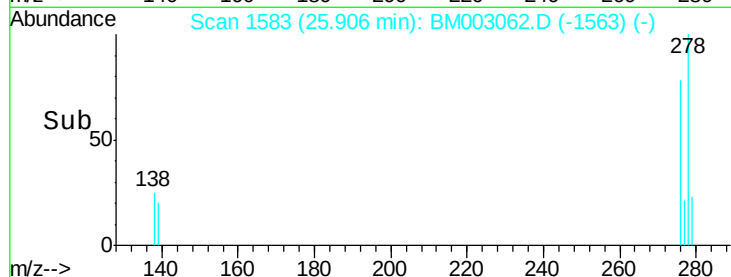
278 100

139 20.5 18.2 27.4

279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 3.10 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003062.D

Acq: 05 Nov 2015 13:55

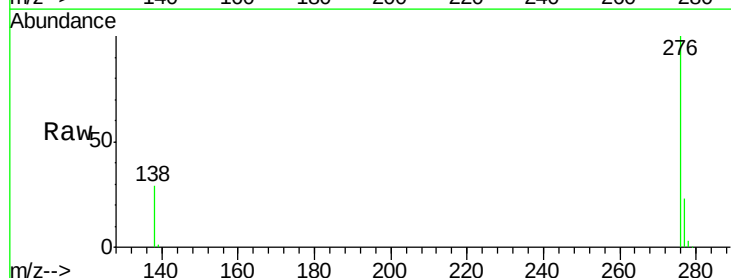
Tgt Ion: 276 Resp: 236606

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

138 28.8 22.3 33.5



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

