

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

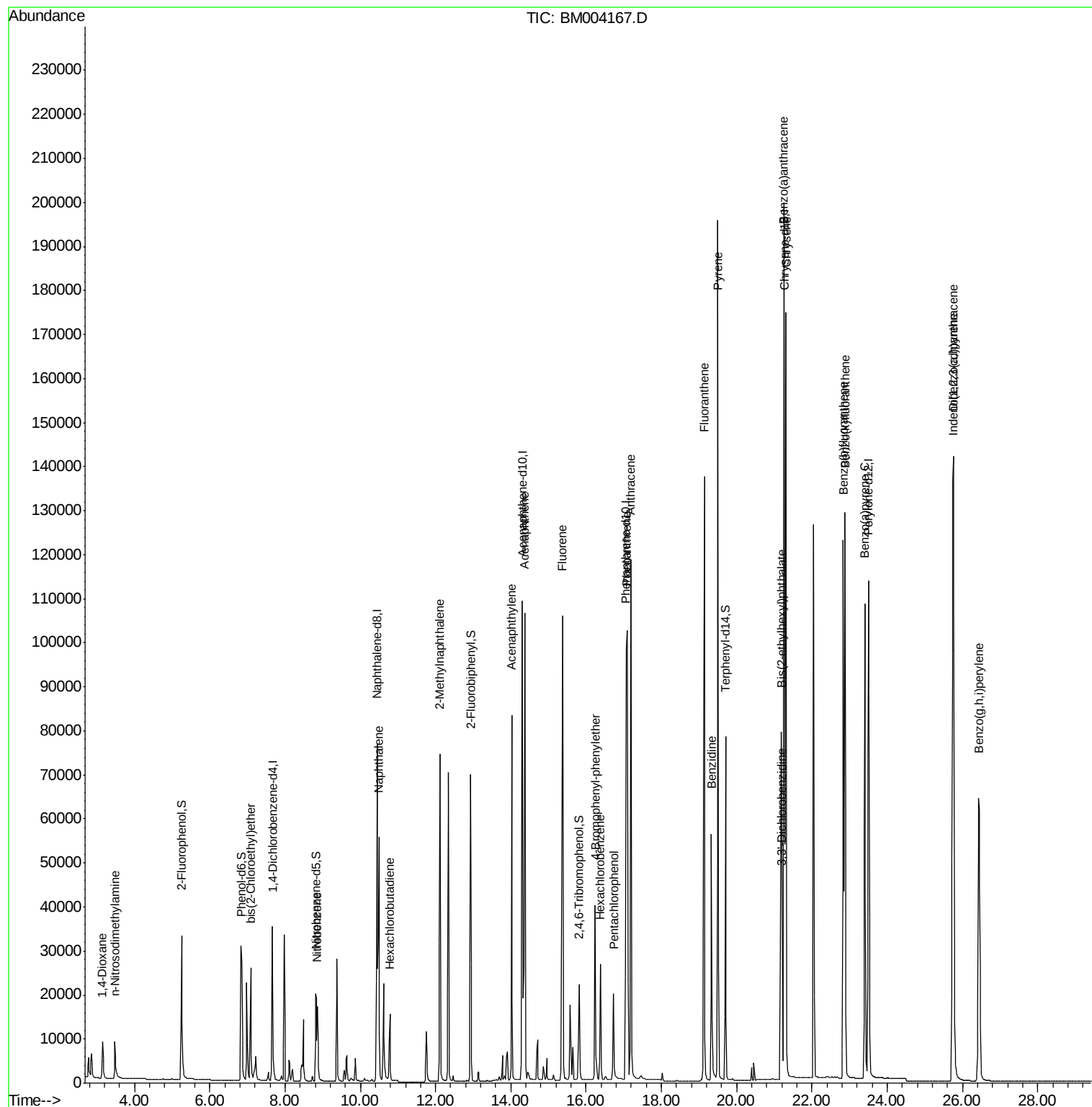
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	7082	3.26	ng	96
3) n-Nitrosodimethylamine	3.48	42	7776	3.65	ng	94
6) bis(2-Chloroethyl)ether	7.09	93	20280	3.63	ng	99
9) Nitrobenzene	8.86	77	20915	3.25	ng	99
10) Naphthalene	10.49	128	81415	3.30	ng	97
11) Hexachlorobutadiene	10.78	225	12255	3.22	ng	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

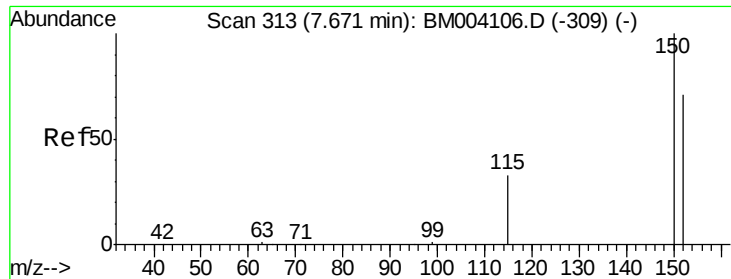
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

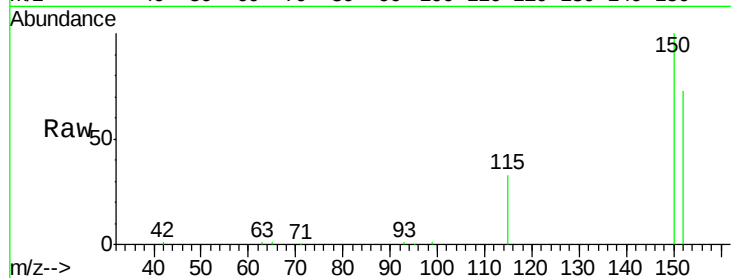
Tgt Ion:152 Resp: 23911

Ion Ratio Lower Upper

152 100

150 137.3 122.9 184.3

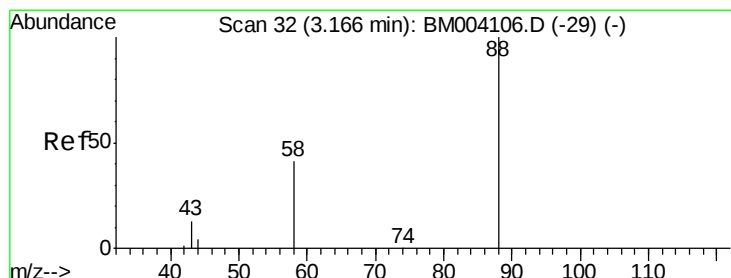
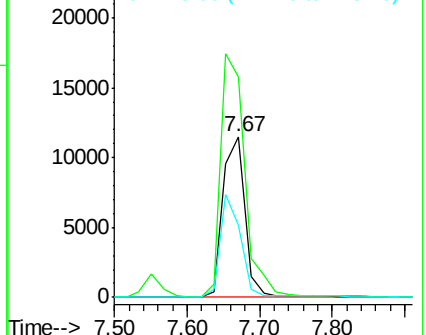
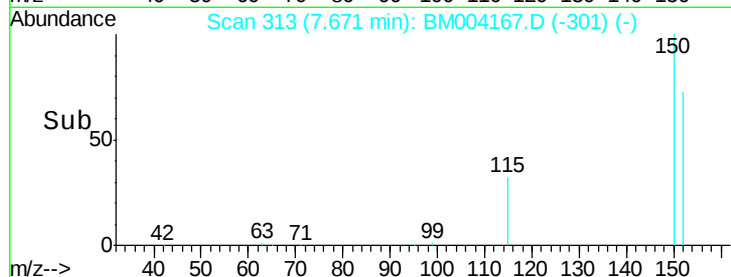
115 45.0 44.4 66.6



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

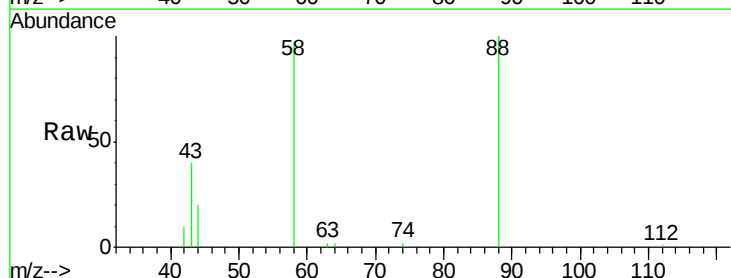
Tgt Ion: 88 Resp: 7082

Ion Ratio Lower Upper

88 100

58 71.8 53.8 80.6

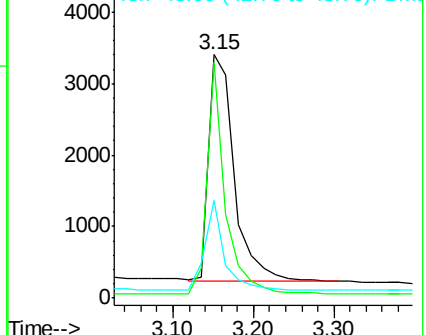
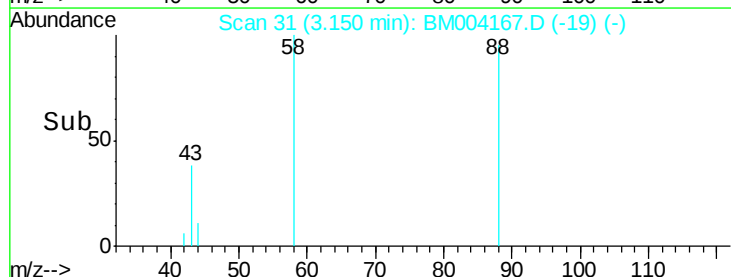
43 29.9 23.8 35.6

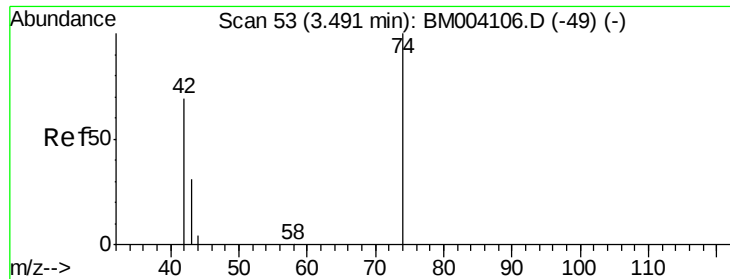


Abundance Ion 88.00 (87.70 to 88.70): BM0

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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PB88134BS

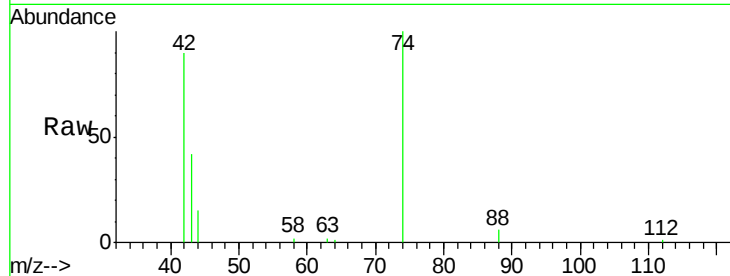
Tgt Ion: 42 Resp: 7776

Ion Ratio Lower Upper

42 100

74 125.7 95.0 142.4

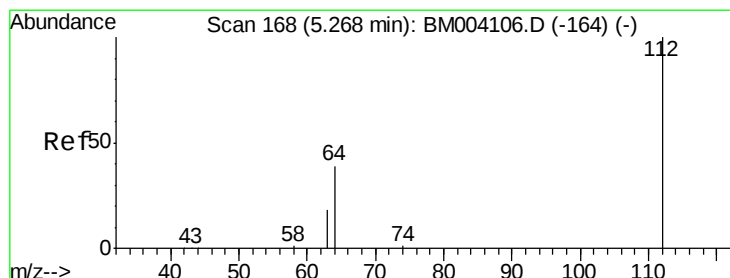
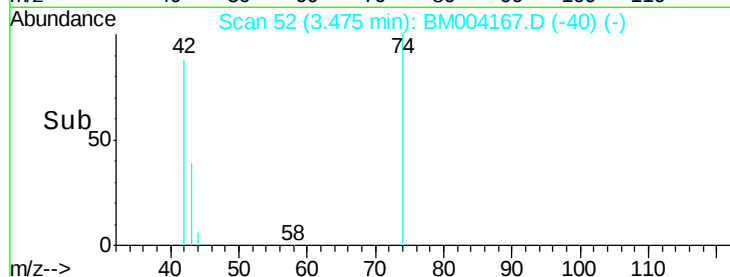
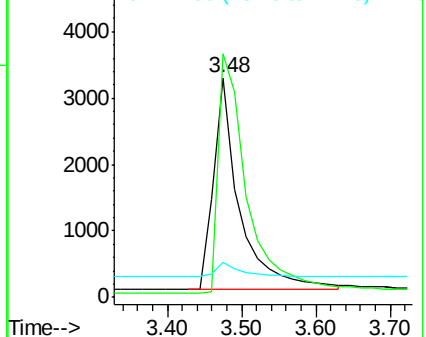
44 6.4 5.1 7.7



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

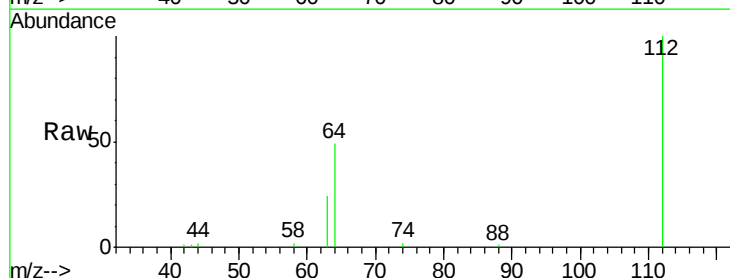
Tgt Ion: 112 Resp: 33101

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

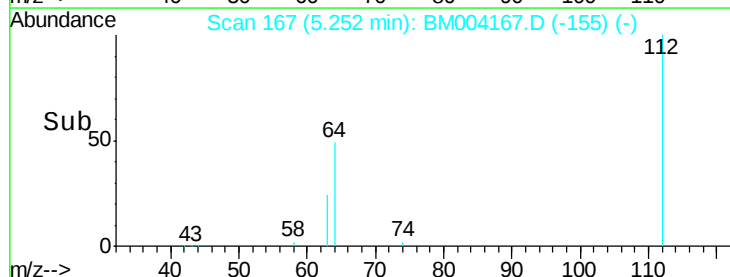
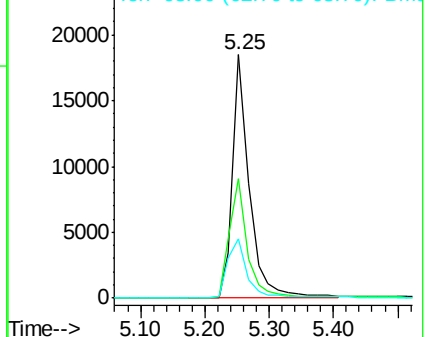
63 27.5 22.1 33.1

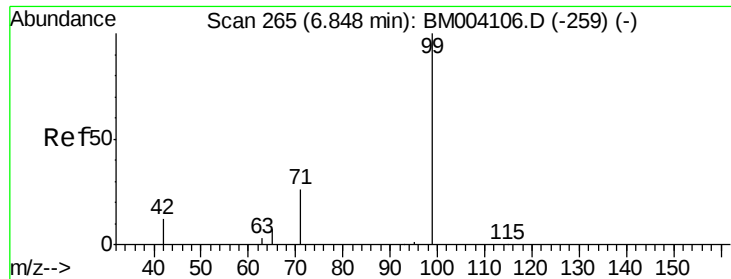


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

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

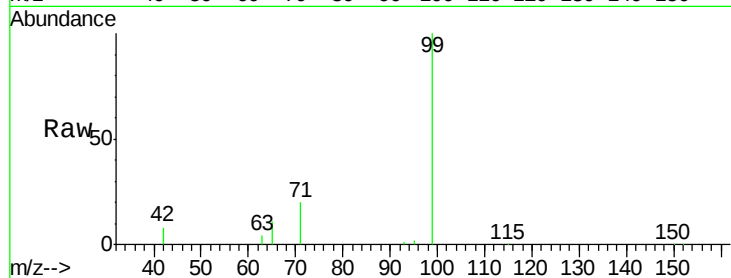
Tgt Ion: 99 Resp: 43986

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

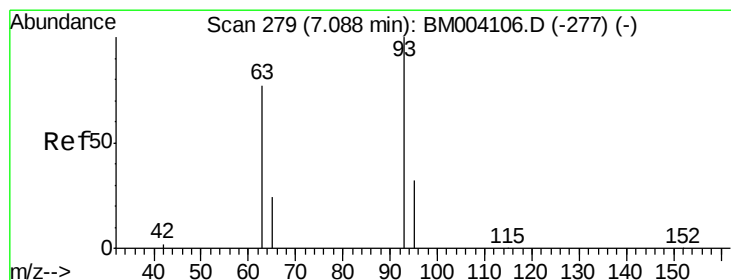
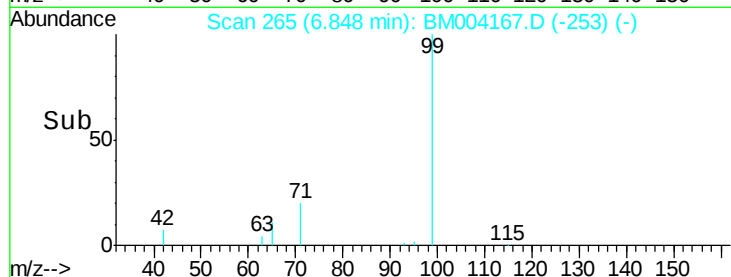
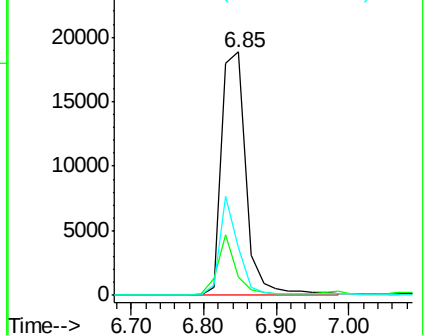
71 31.0 24.4 36.6



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

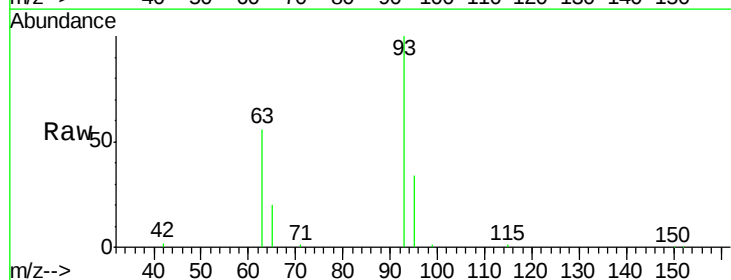
Tgt Ion: 93 Resp: 20280

Ion Ratio Lower Upper

93 100

63 72.5 58.3 87.5

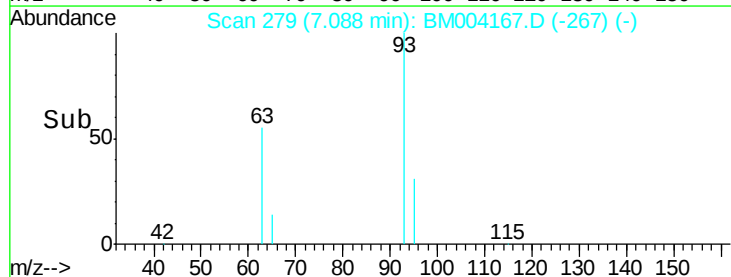
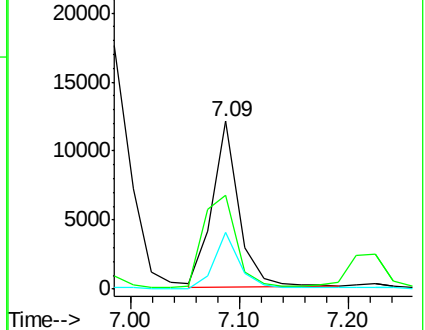
95 32.9 25.8 38.8

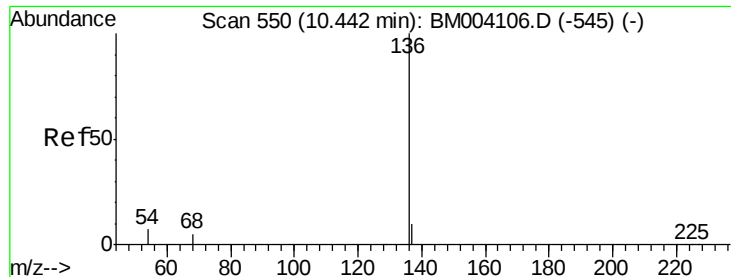


Abundance Ion 93.00 (92.70 to 93.70): BM004106.D (-277) (-)

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

Tgt Ion: 136 Resp: 105836

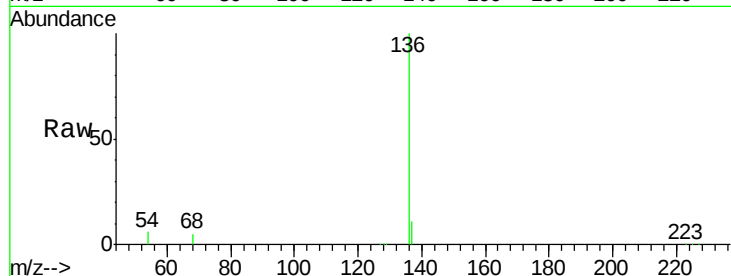
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 5.8 2.8 4.2#

68 4.5 2.5 3.7#

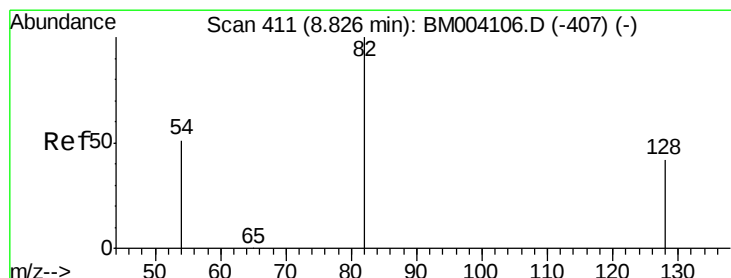
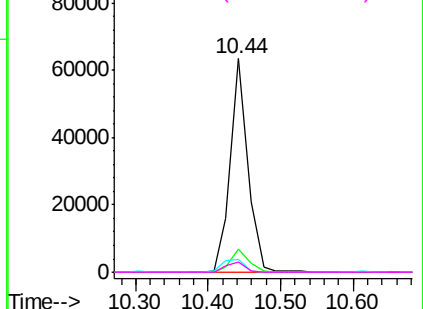
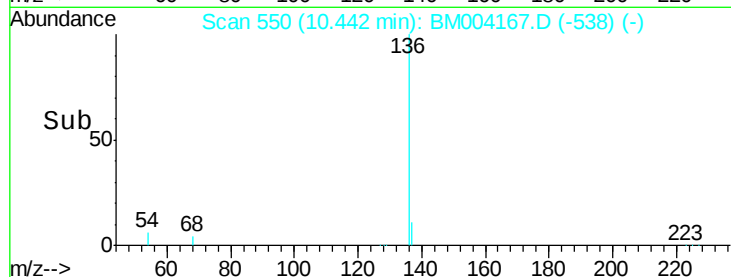


Abundance Ion 136.00 (135.70 to 136.70): E

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

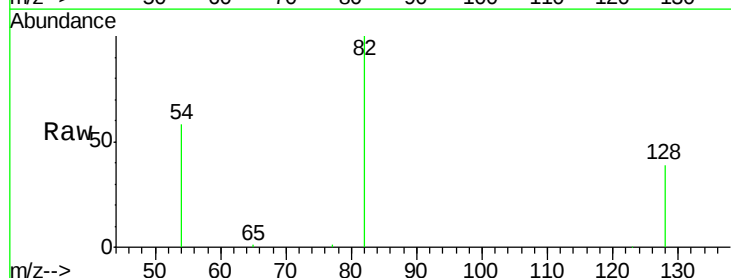
Tgt Ion: 82 Resp: 19718

Ion Ratio Lower Upper

82 100

128 38.9 39.1 58.7#

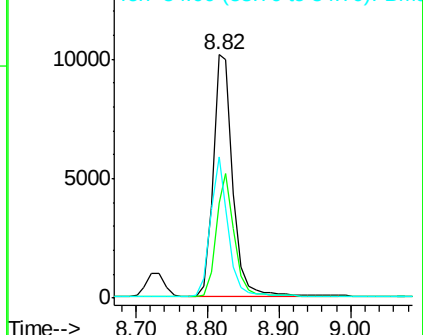
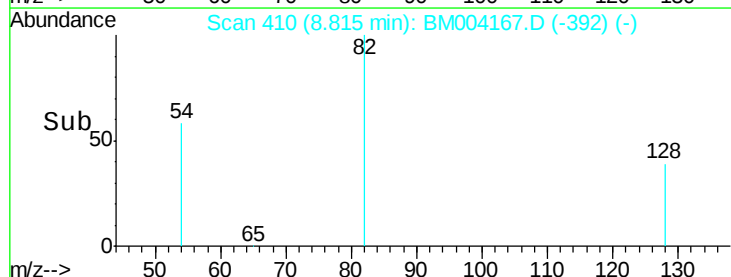
54 57.8 34.8 52.2#

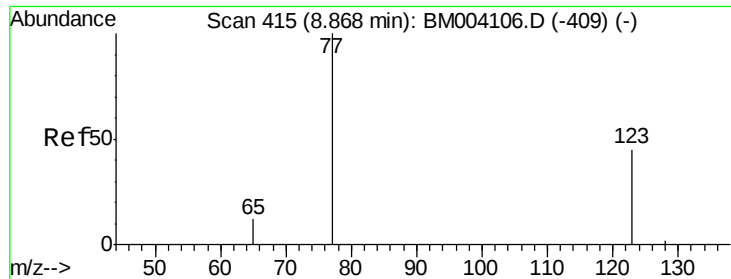


Abundance Ion 82.00 (81.70 to 82.70): BM

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

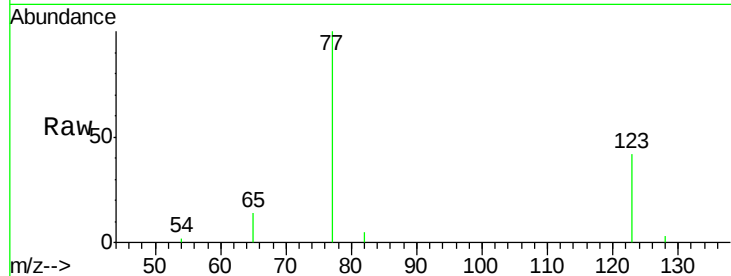
Tgt Ion: 77 Resp: 20915

Ion Ratio Lower Upper

77 100

123 49.3 38.6 57.8

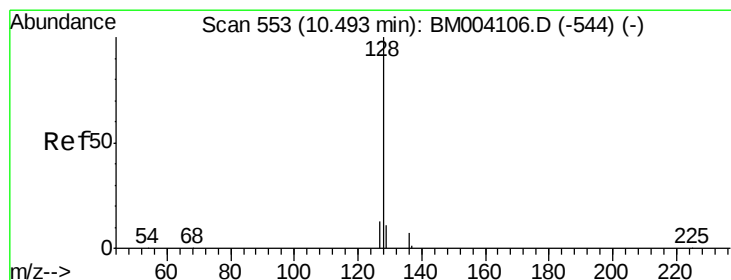
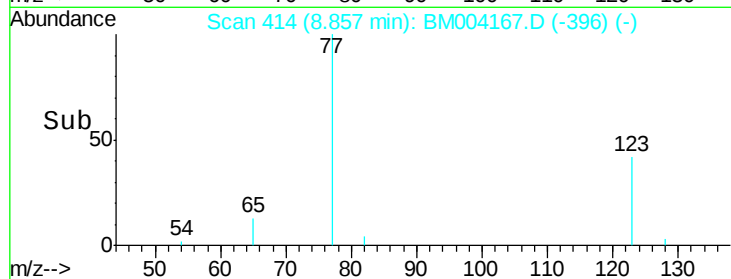
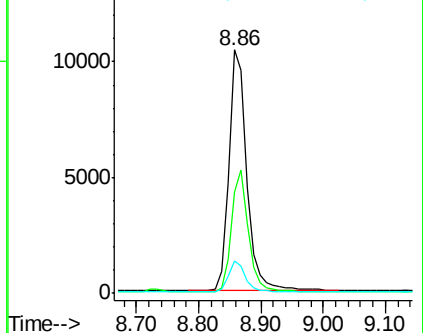
65 12.7 9.9 14.9



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

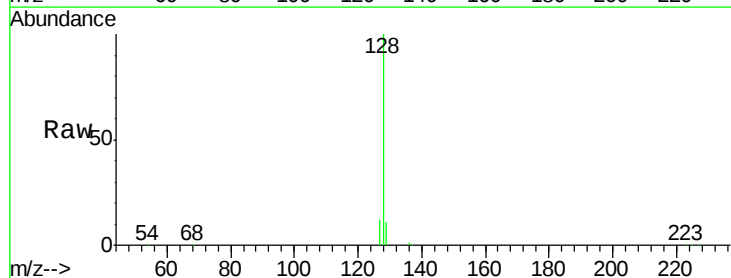
Tgt Ion: 128 Resp: 81415

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

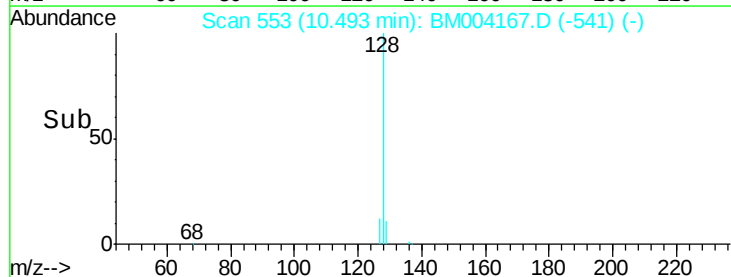
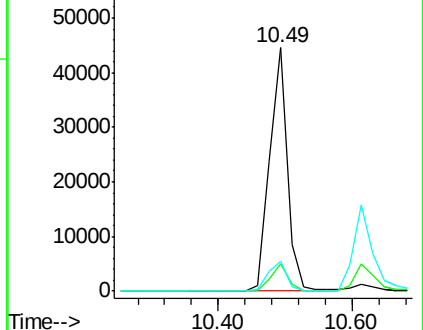
127 12.1 11.0 16.4

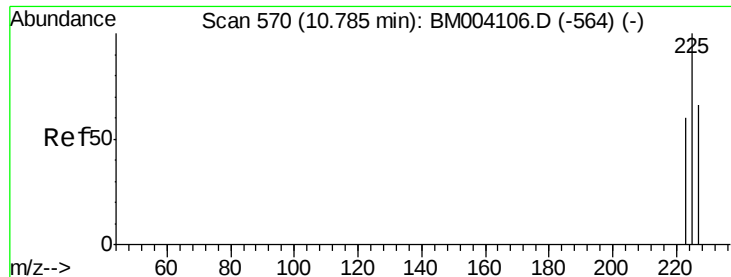


Abundance Ion 128.00 (127.70 to 128.70): BM004106.D (-544) (-)

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

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

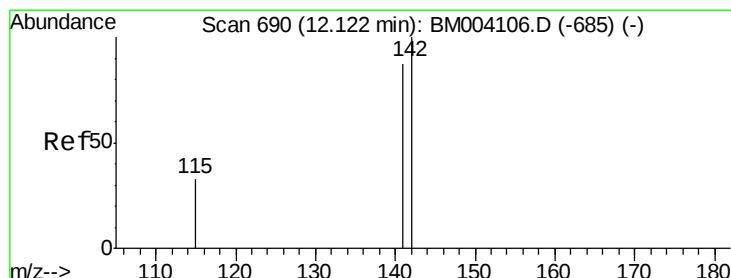
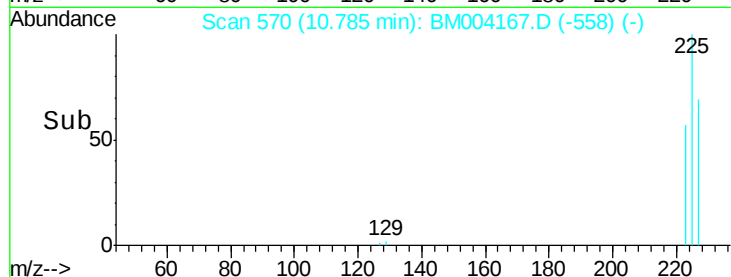
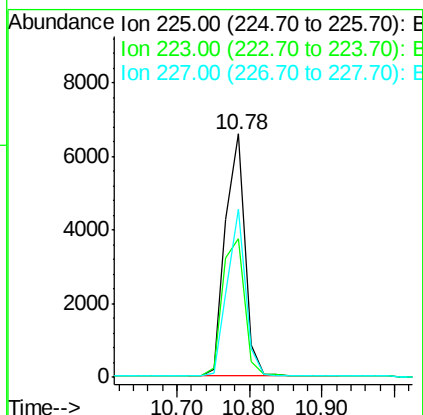
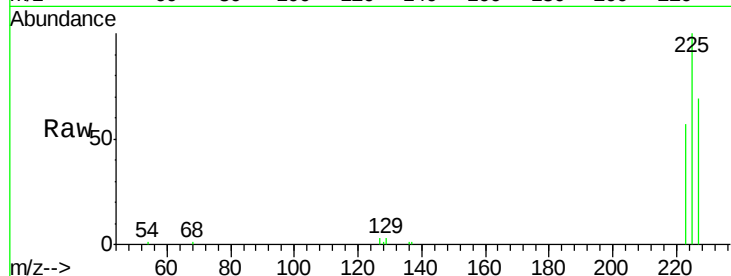




#11
Hexachlorobutadiene
Concen: 3.22 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

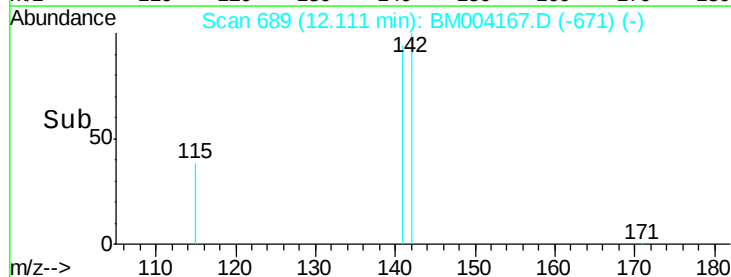
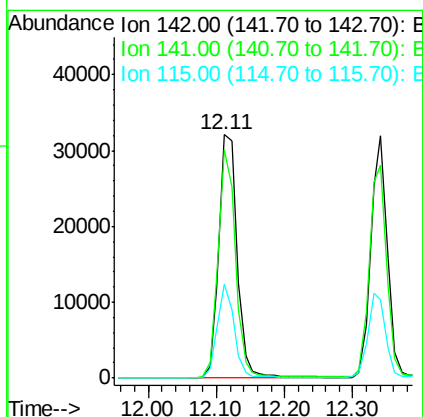
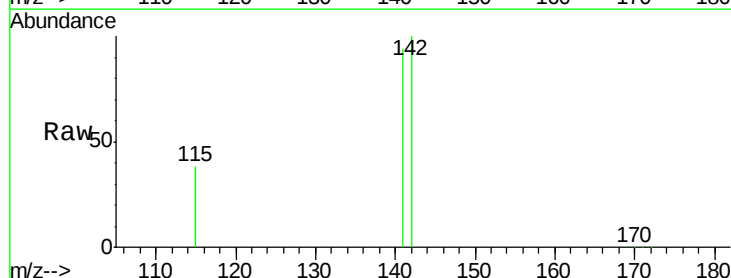
Instrument :
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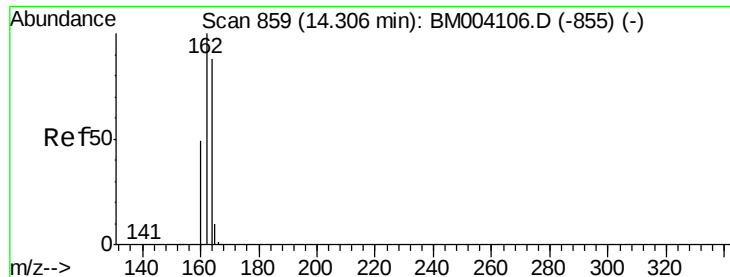
Tgt Ion: 225 Resp: 12255
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 63.7 51.2 76.8



#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#





#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 :

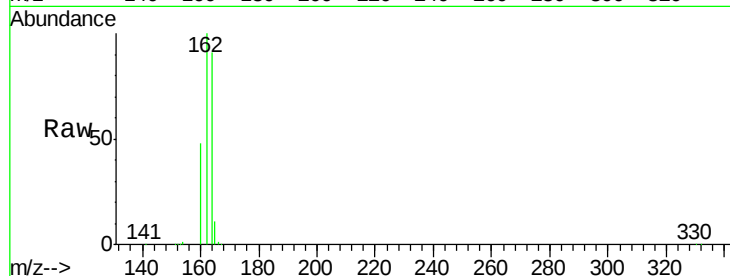
BNA_M

ClientSampleId :

PB88134BS

Tgt Ion:164 Resp: 64297

Ion	Ratio	Lower	Upper
164	100		
162	109.6	86.0	129.0
160	52.5	40.3	60.5

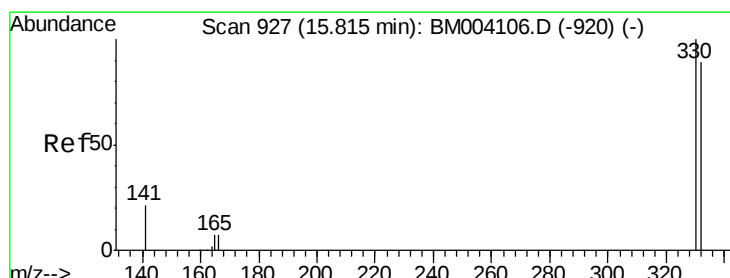
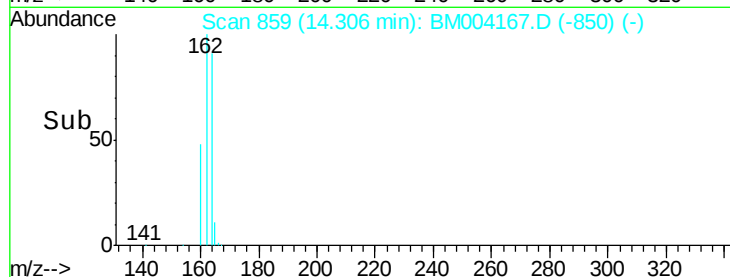
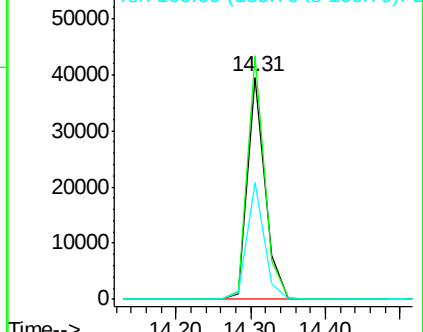


Abundance

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

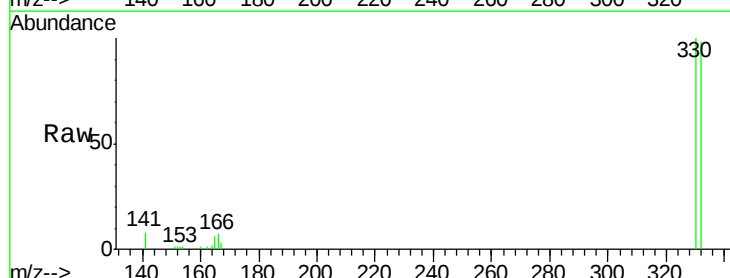
Delta R.T. -0.00 min

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#

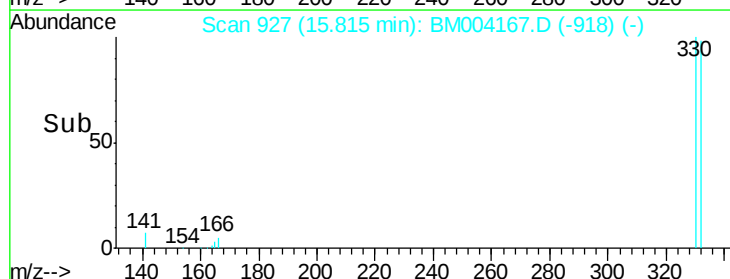
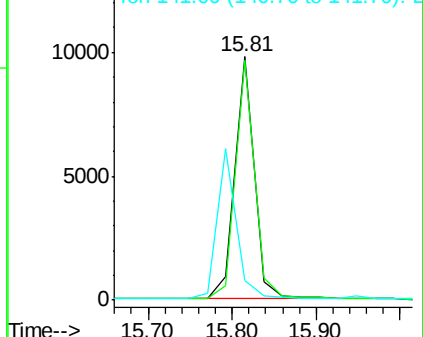


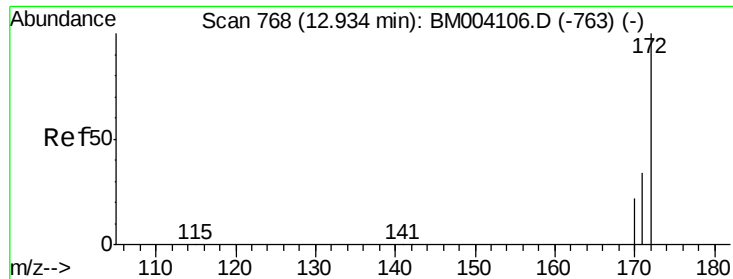
Abundance

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

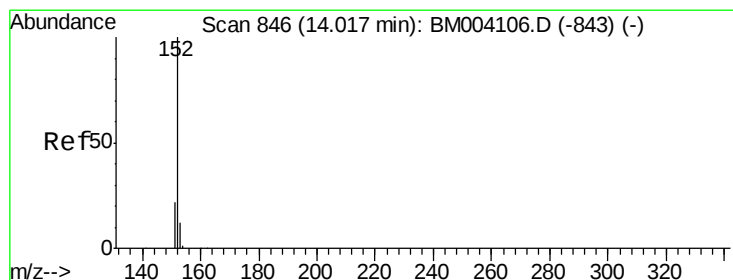
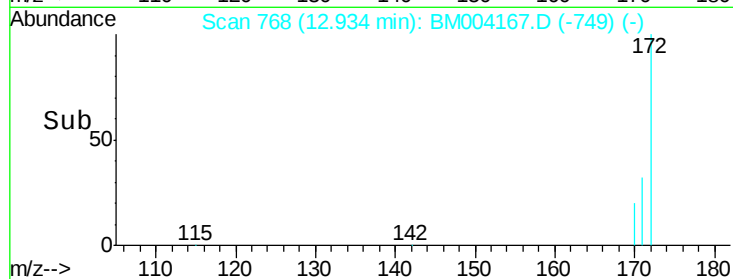
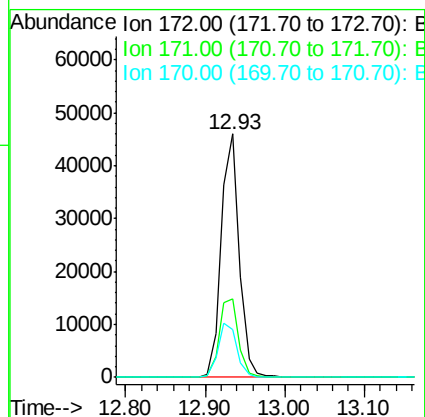
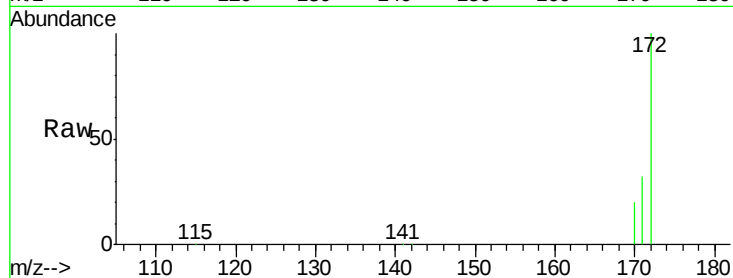




#15
2-Fluorobiphenyl
Concen: 3.65 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

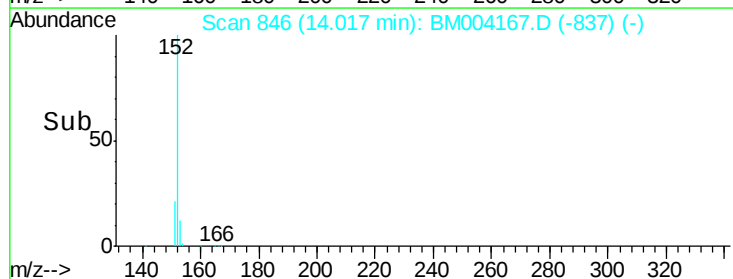
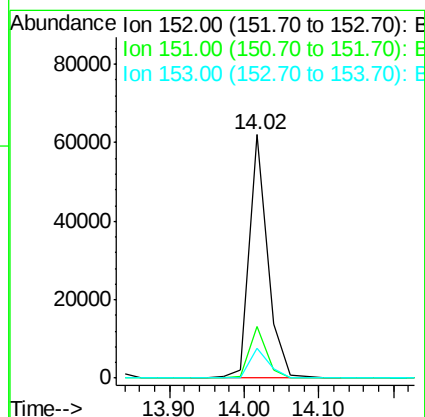
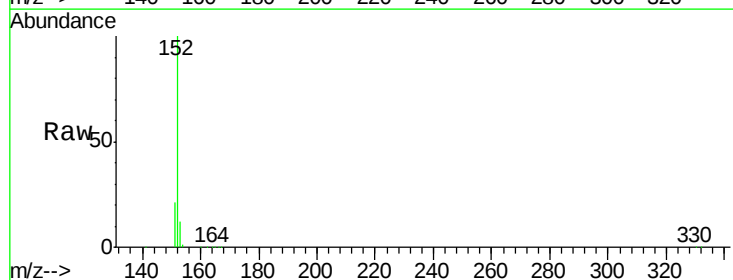
Instrument :
BNA_M
ClientSampleId :
PB88134BS

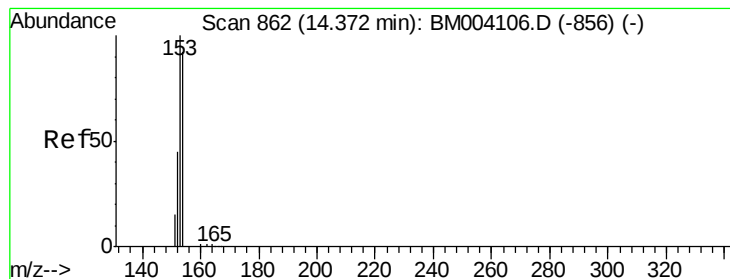
Tgt Ion:172 Resp: 71986
Ion Ratio Lower Upper
172 100
171 32.1 27.0 40.6
170 19.7 17.9 26.9



#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

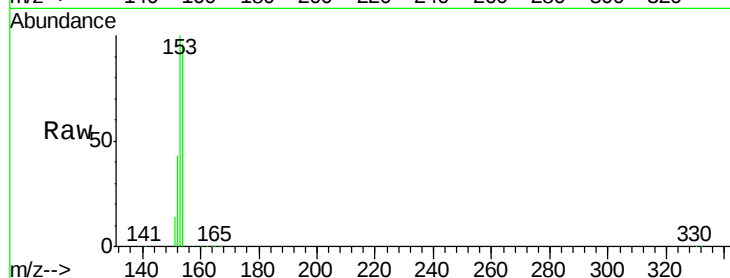
Tgt Ion:154 Resp: 63784

Ion Ratio Lower Upper

154 100

153 110.0 85.4 128.2

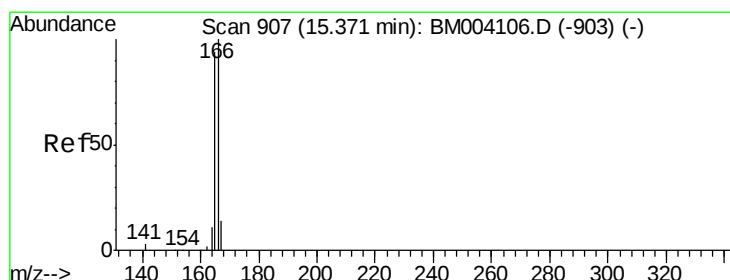
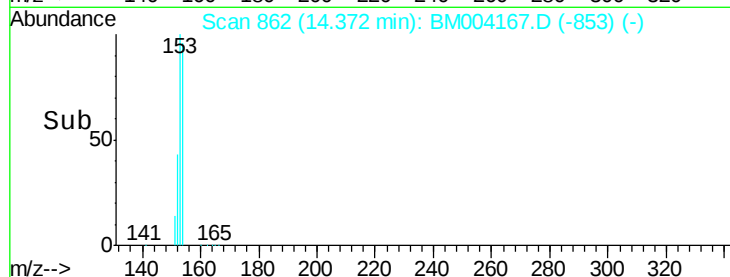
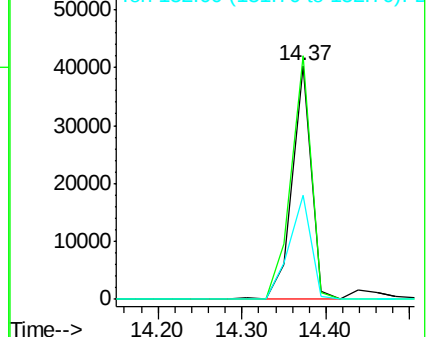
152 51.4 40.6 60.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#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

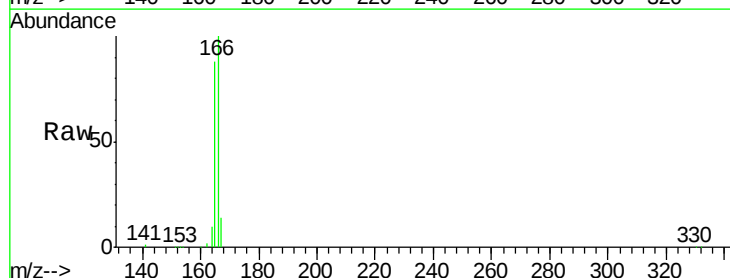
Tgt Ion:166 Resp: 81575

Ion Ratio Lower Upper

166 100

165 95.5 77.2 115.8

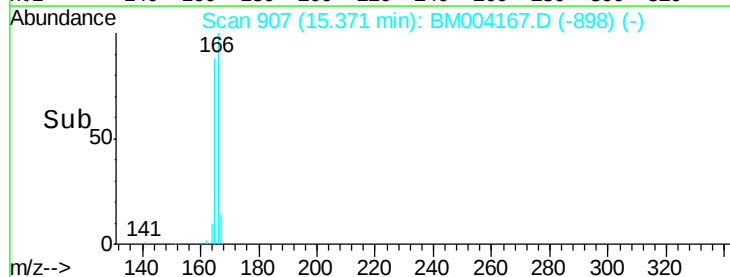
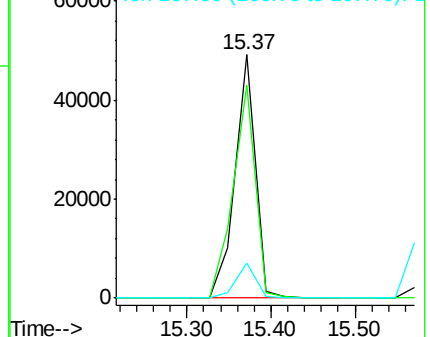
167 13.6 11.0 16.6

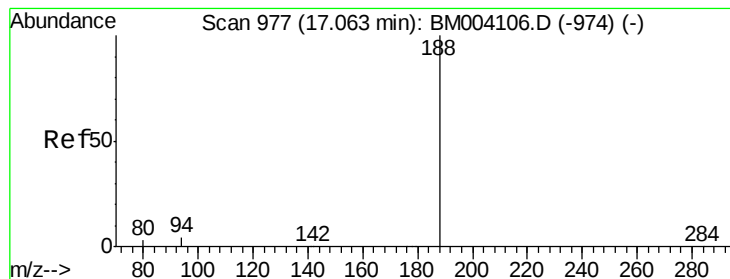


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#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

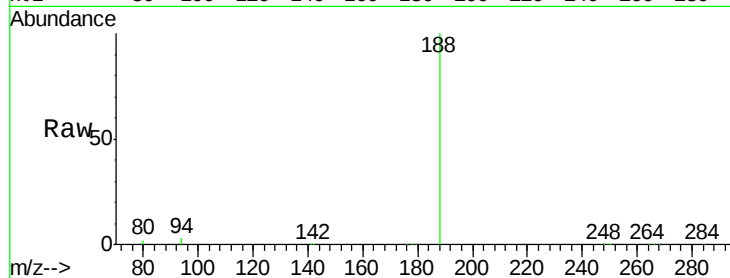
Tgt Ion:188 Resp: 159318

Ion Ratio Lower Upper

188 100

94 3.0 20.3 30.5#

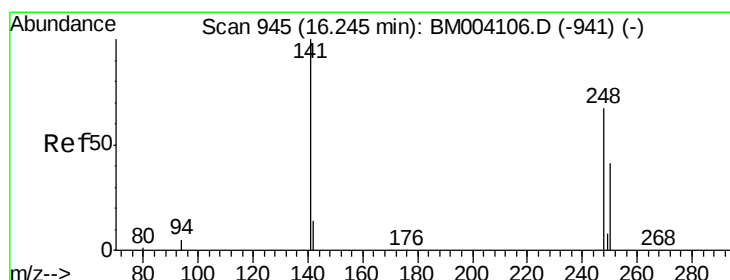
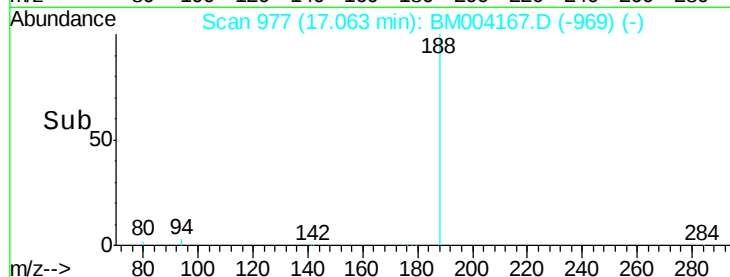
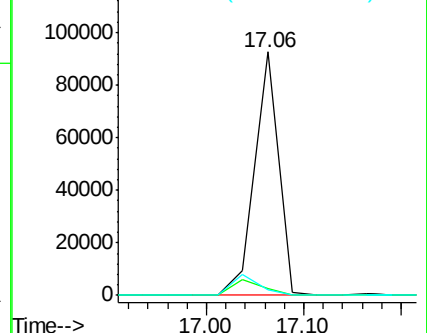
80 2.4 22.2 33.4#



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

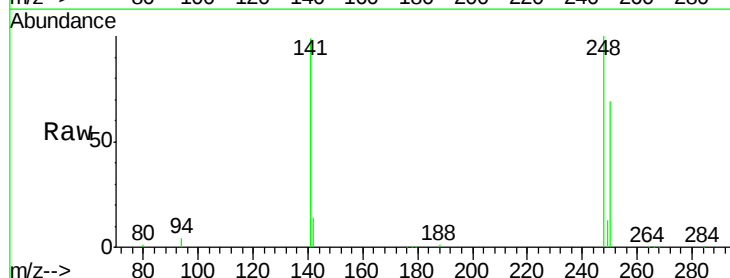
Tgt Ion:248 Resp: 23154

Ion Ratio Lower Upper

248 100

250 81.7 75.0 112.4

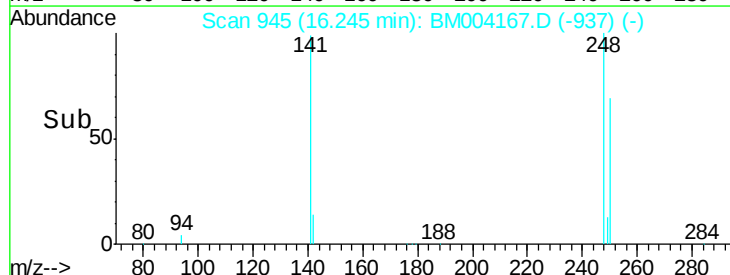
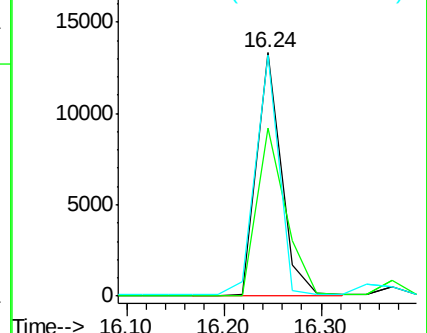
141 94.1 53.0 79.4#

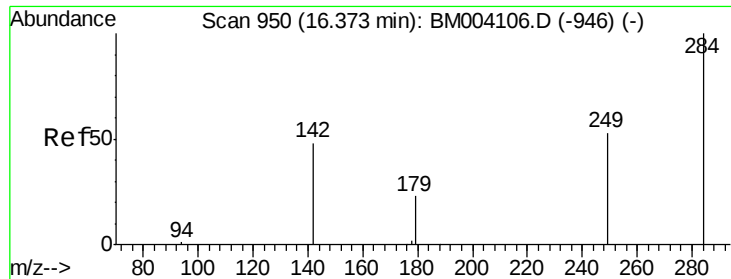


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

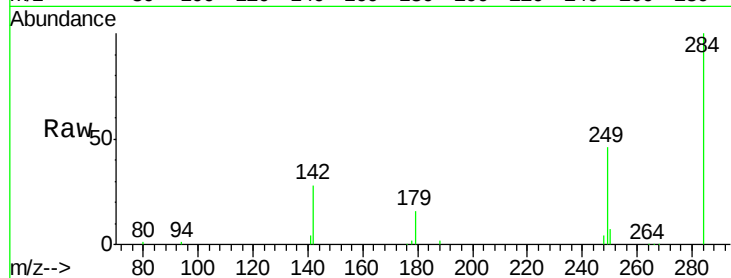




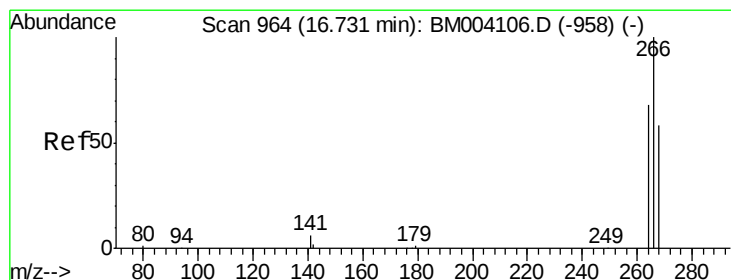
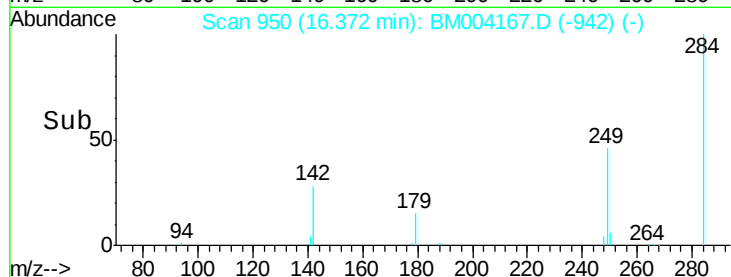
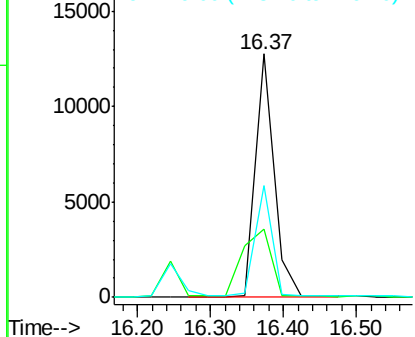
#21
Hexachlorobenzene
Concen: 4.15 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

Instrument :
BNA_M
ClientSampleId :
PB88134BS

Tgt Ion:284 Resp: 22610
Ion Ratio Lower Upper
284 100
142 42.2 22.2 33.4#
249 41.5 21.5 32.3#

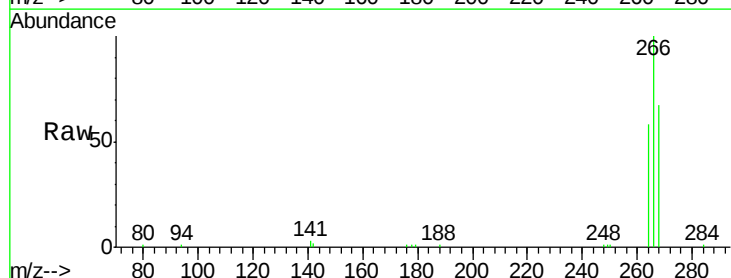


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

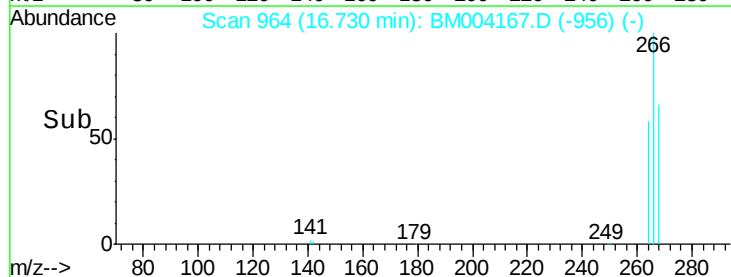
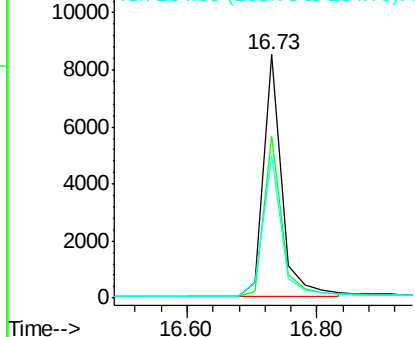


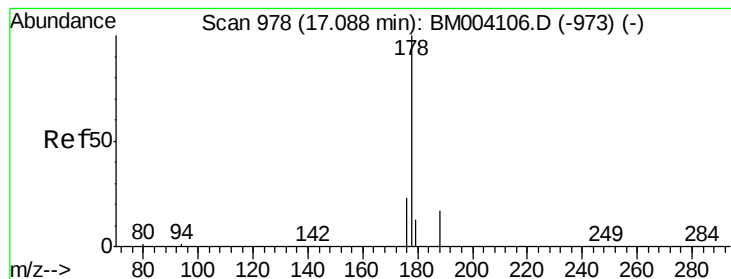
#22
Pentachlorophenol
Concen: 7.26 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004167.D
Acq: 02 Feb 2016 17:10

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

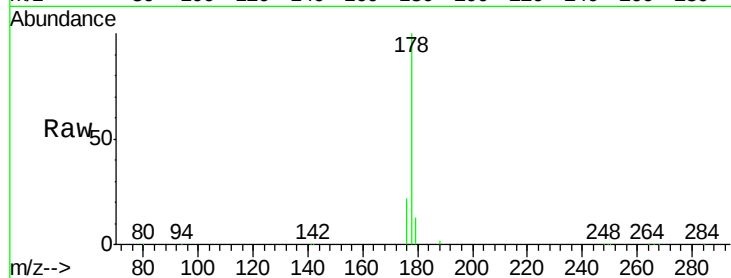
Tgt Ion:178 Resp: 139547

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.0

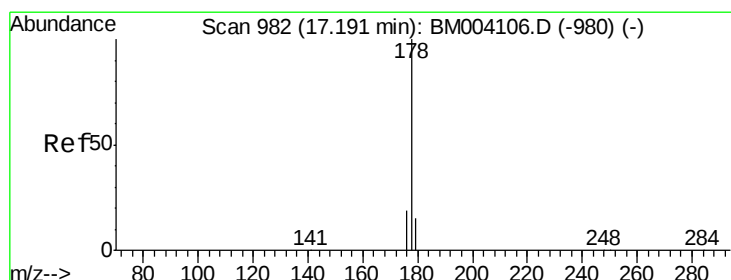
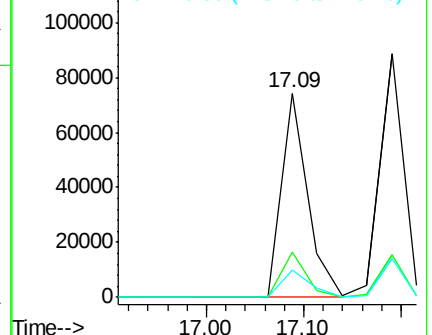
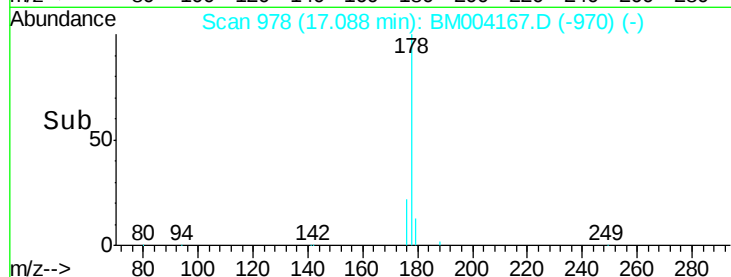
179 14.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 4.10 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

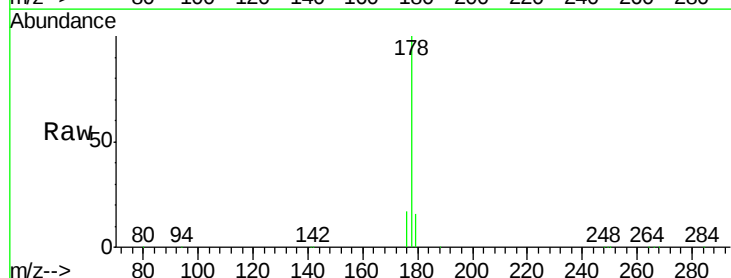
Tgt Ion:178 Resp: 149421

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

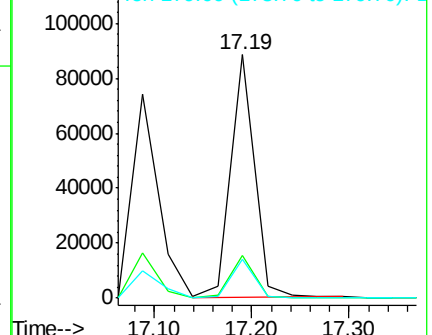
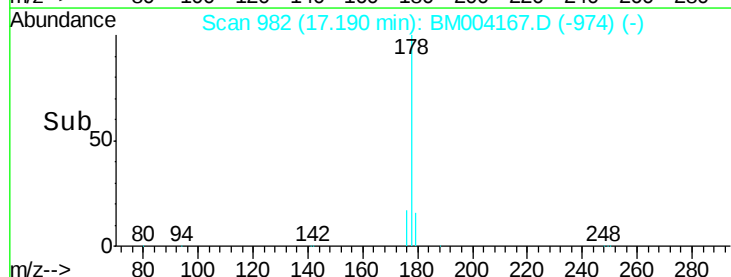
179 15.6 12.6 19.0

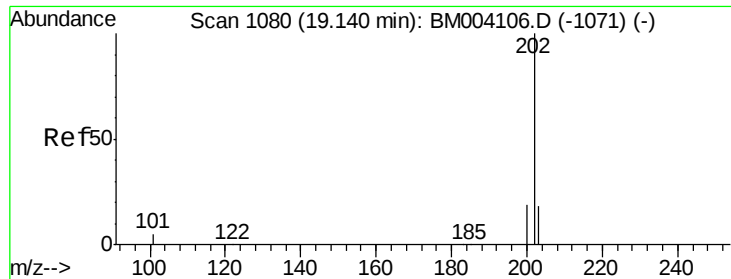


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.82 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

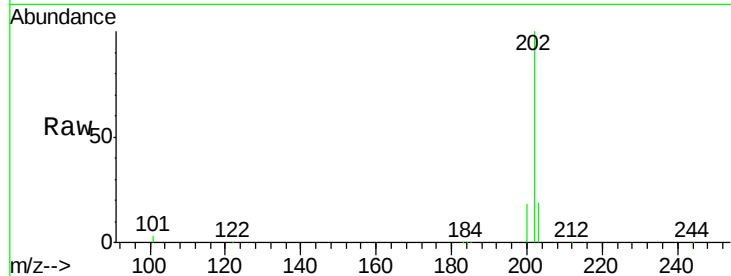
Tgt Ion:202 Resp: 164748

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

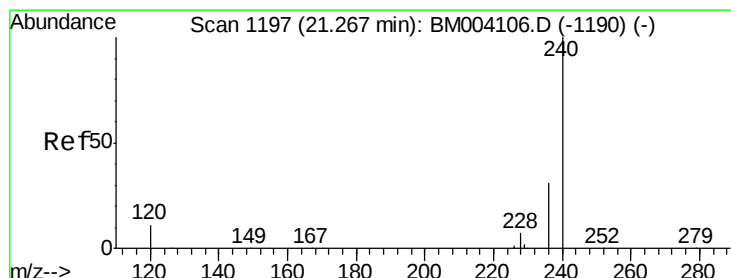
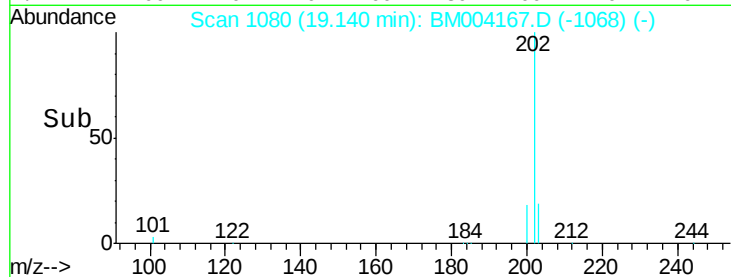
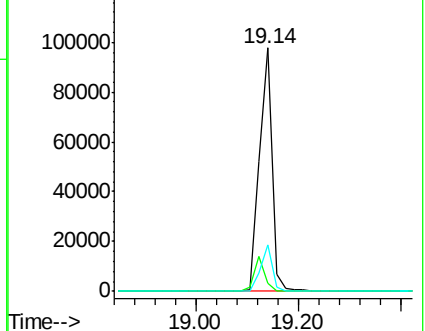
203 17.5 13.8 20.8



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

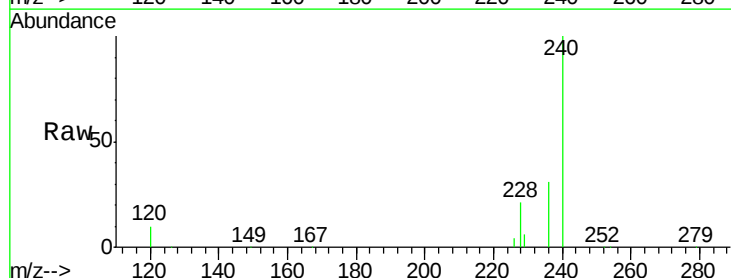
Tgt Ion:240 Resp: 170003

Ion Ratio Lower Upper

240 100

120 10.3 0.9 1.3#

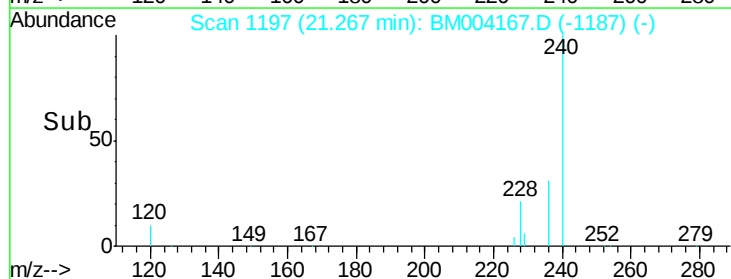
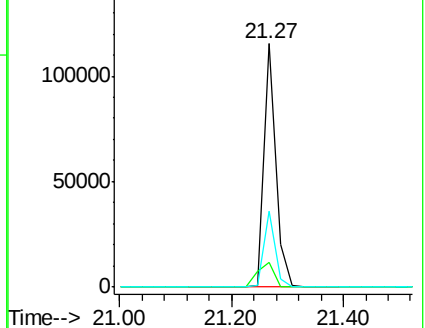
236 31.0 17.3 25.9#

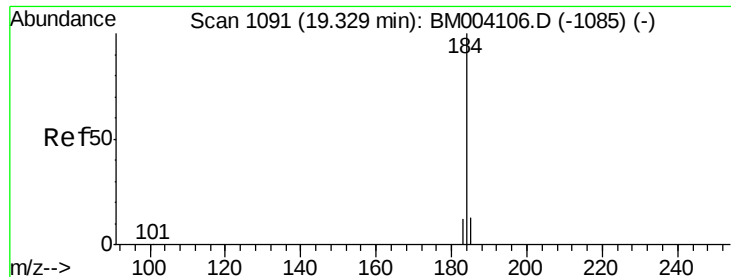


Abundance Ion 240.00 (239.70 to 240.70): E

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

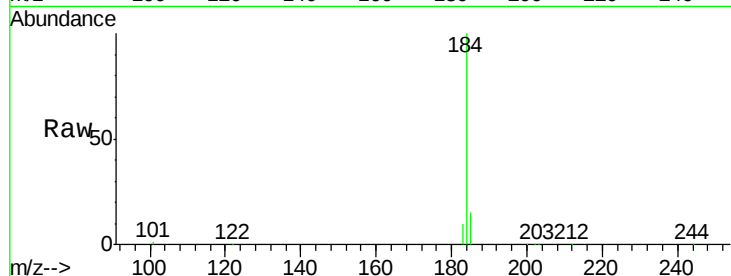
Tgt Ion:184 Resp: 85692

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

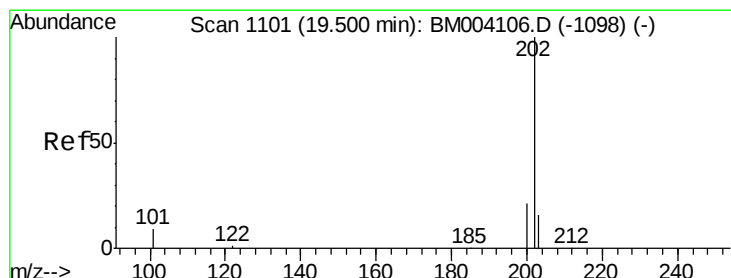
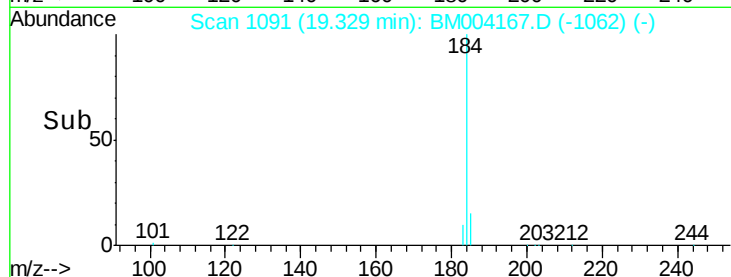
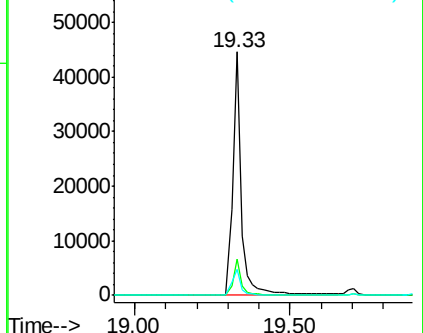
183 10.5 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 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

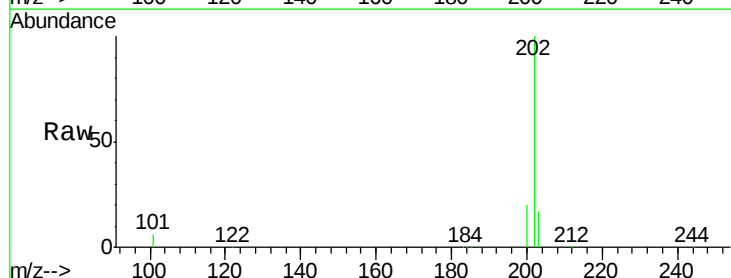
Tgt Ion:202 Resp: 184103

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

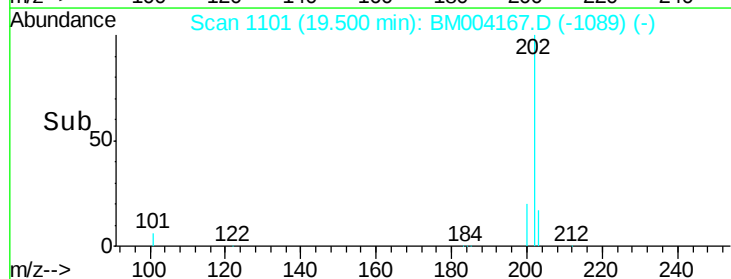
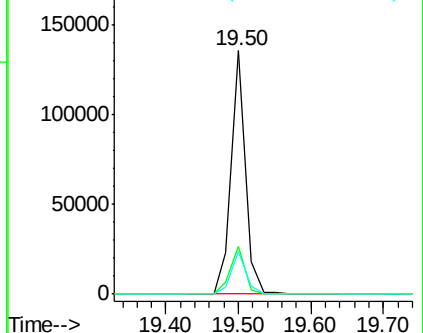
203 17.8 14.0 21.0

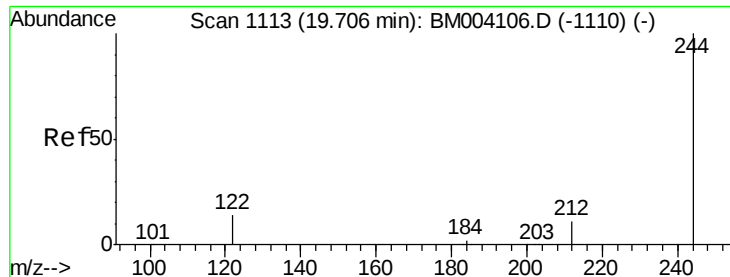


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.93 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

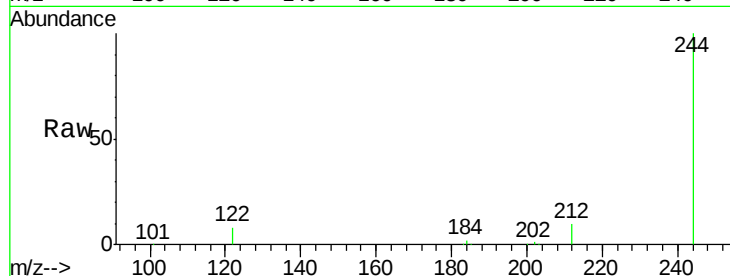
Tgt Ion:244 Resp: 85029

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.6

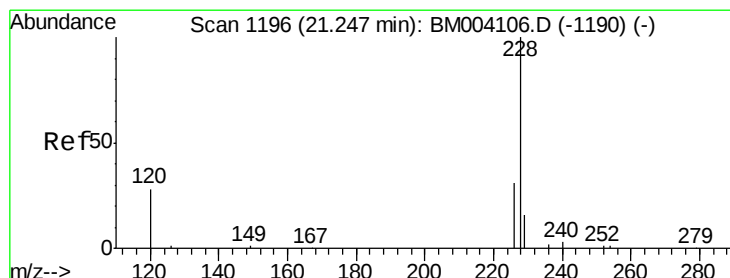
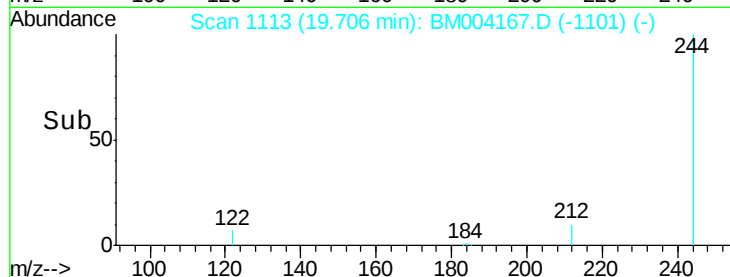
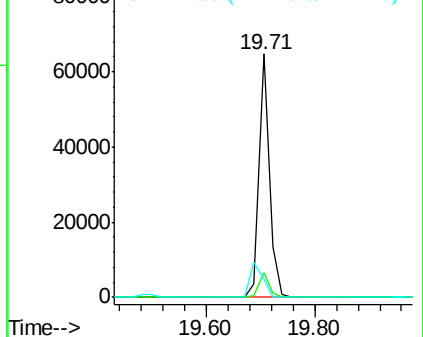
122 7.7 3.0 4.6#



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

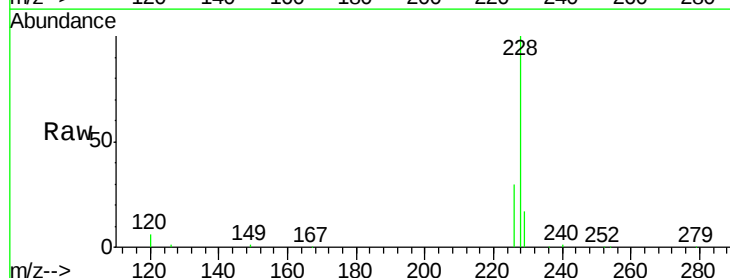
Tgt Ion:228 Resp: 197303

Ion Ratio Lower Upper

228 100

226 30.3 17.2 25.8#

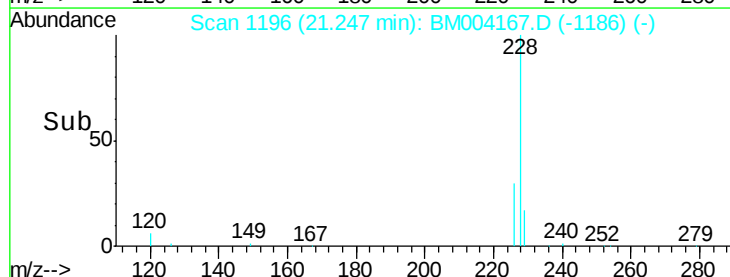
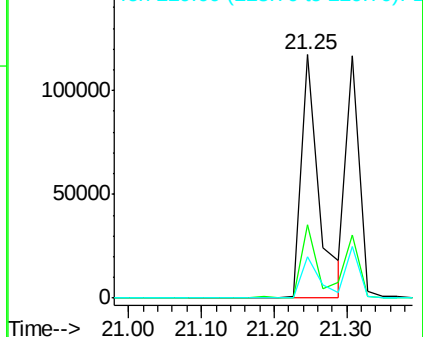
229 17.1 18.7 28.1#

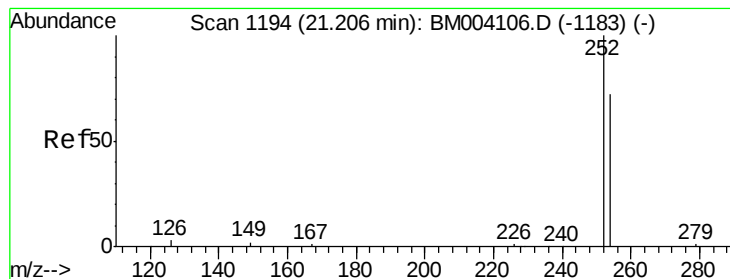


Abundance Ion 228.00 (227.70 to 228.70): E

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

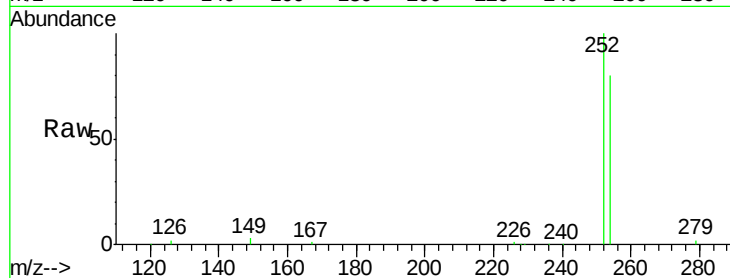
Tgt Ion:252 Resp: 45974

Ion Ratio Lower Upper

252 100

254 80.1 52.6 79.0#

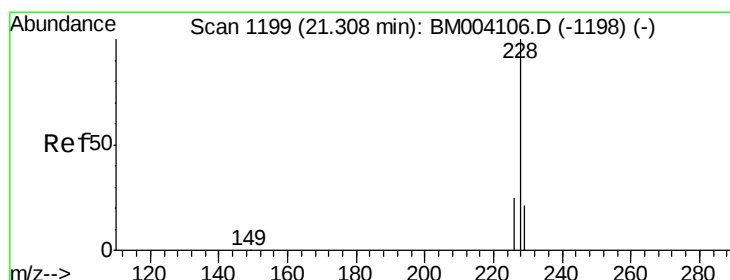
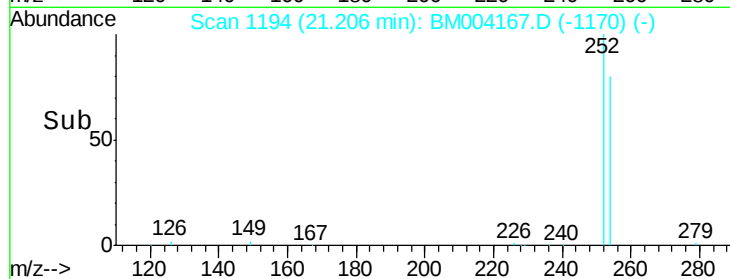
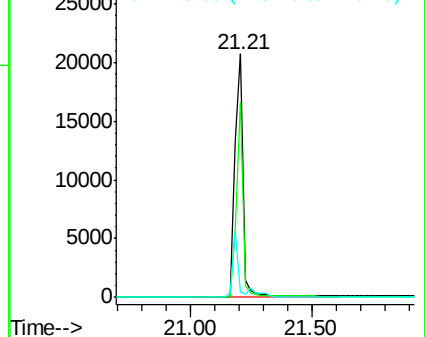
126 2.2 3.7 5.5#



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: 3.47 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM004167.D

Acq: 02 Feb 2016 17:10

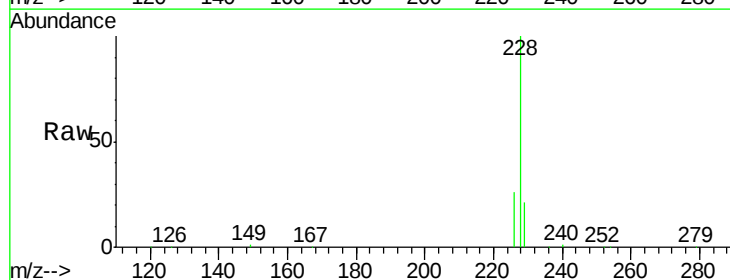
Tgt Ion:228 Resp: 149319

Ion Ratio Lower Upper

228 100

226 26.3 25.3 37.9

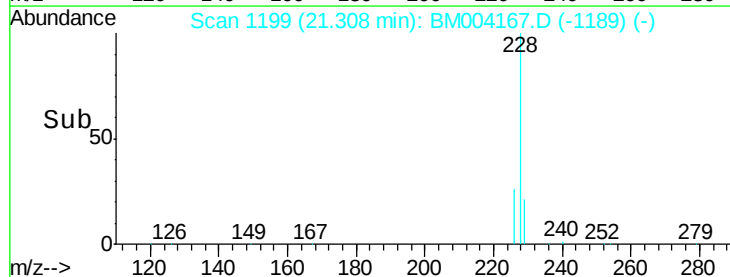
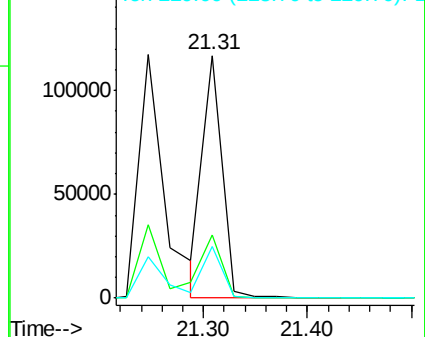
229 21.1 14.5 21.7

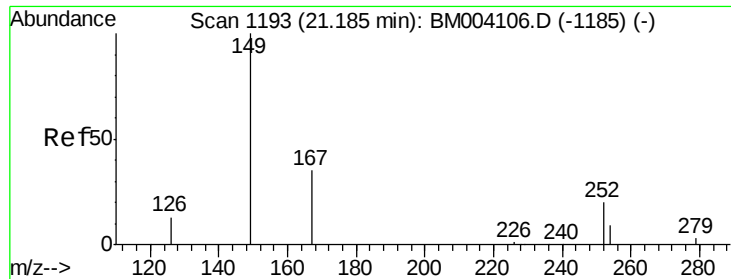


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.57 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

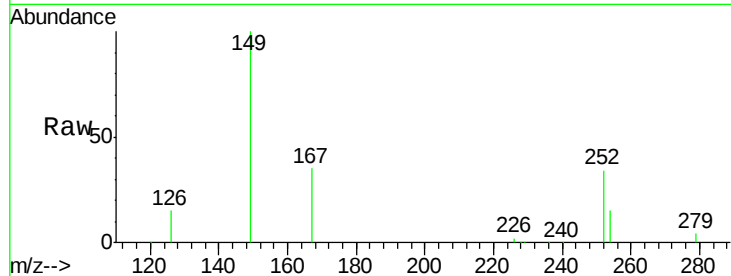
Tgt Ion:149 Resp: 75776

Ion Ratio Lower Upper

149 100

167 28.5 20.1 30.1

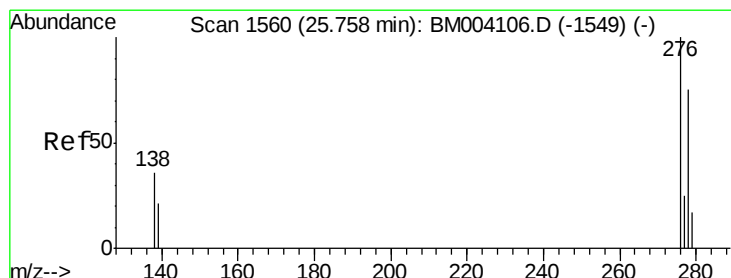
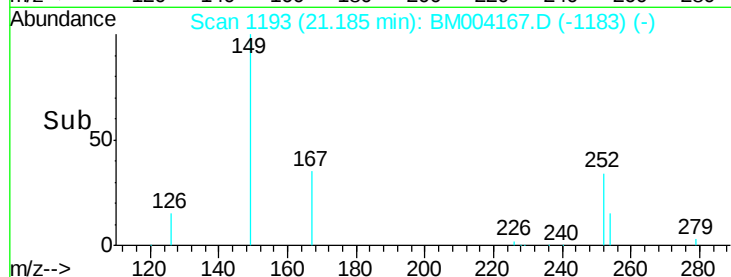
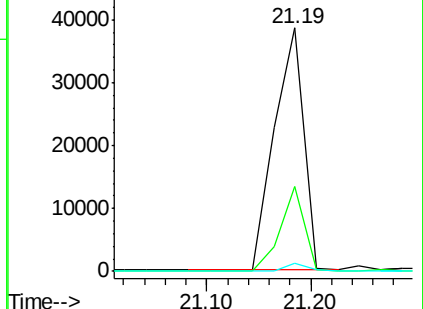
279 2.6 1.8 2.6



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

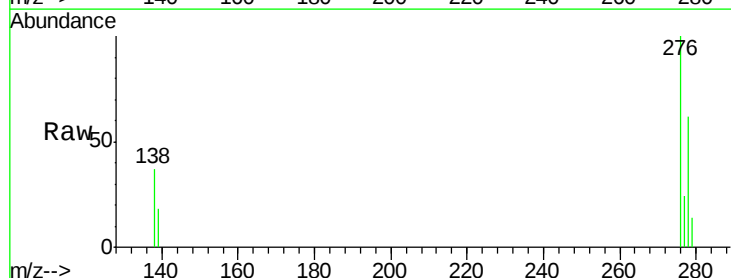
Tgt Ion:276 Resp: 156238

Ion Ratio Lower Upper

276 100

138 36.6 30.2 45.2

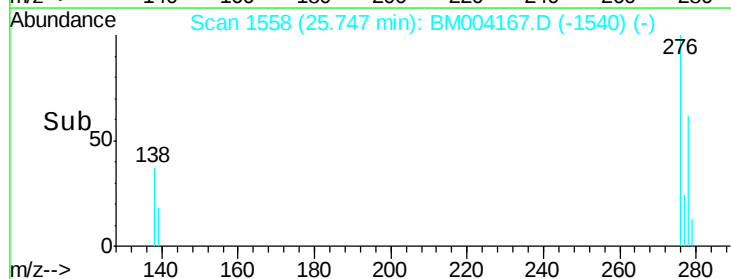
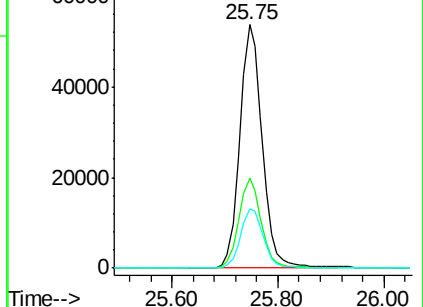
277 24.8 19.8 29.8

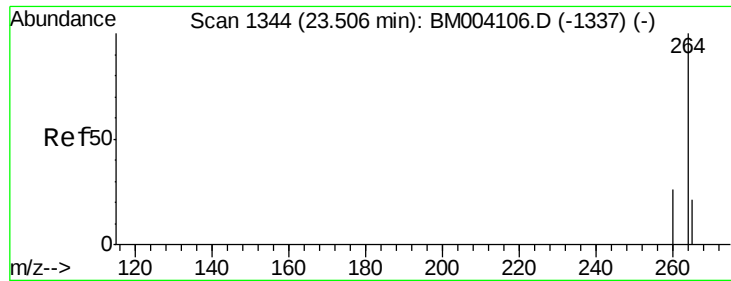


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

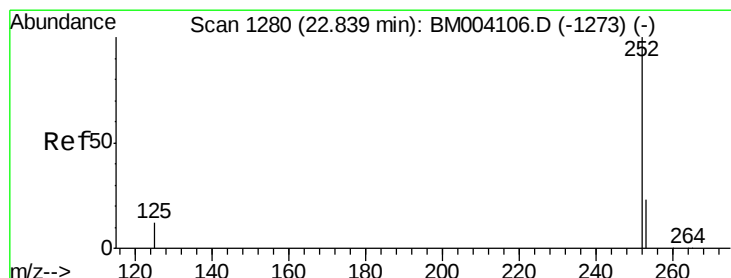
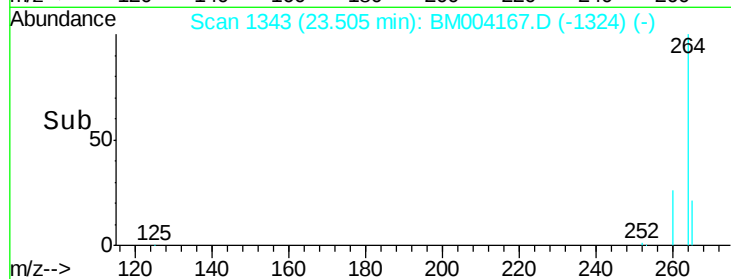
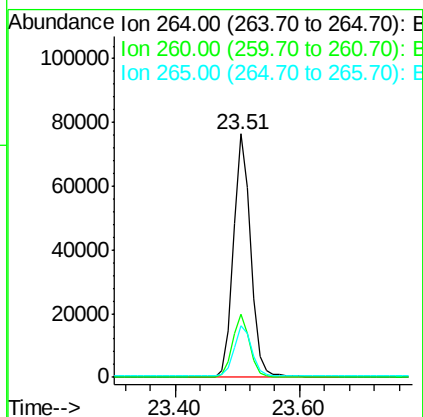
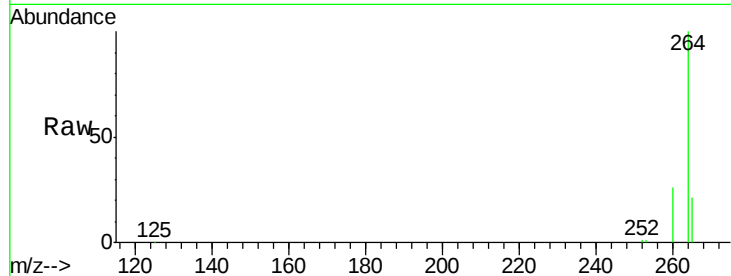




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004167.D
 Acq: 02 Feb 2016 17:10

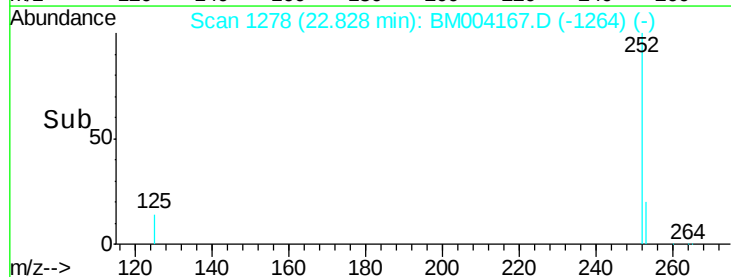
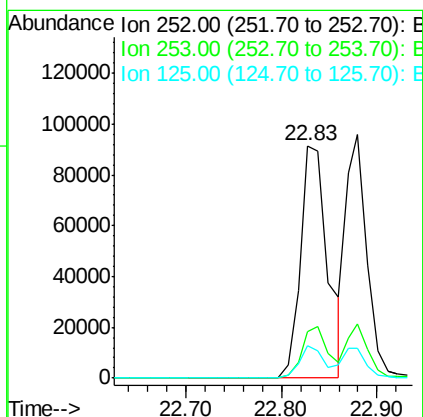
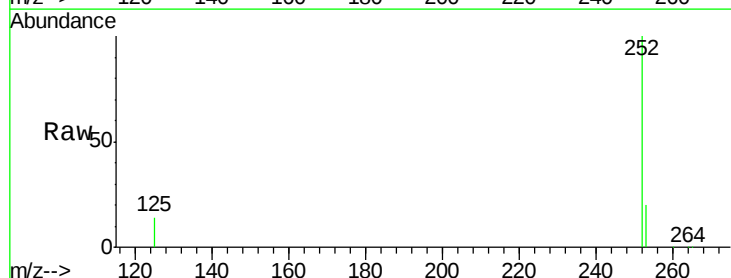
Instrument :
 BNA_M
 ClientSampleId :
 PB88134BS

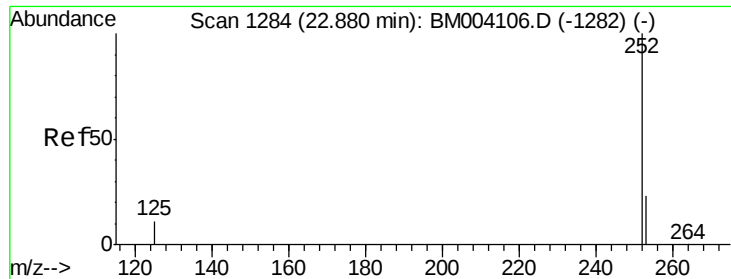
Tgt Ion: 264 Resp: 149284
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.2 31.8
 265 21.1 16.7 25.1



#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

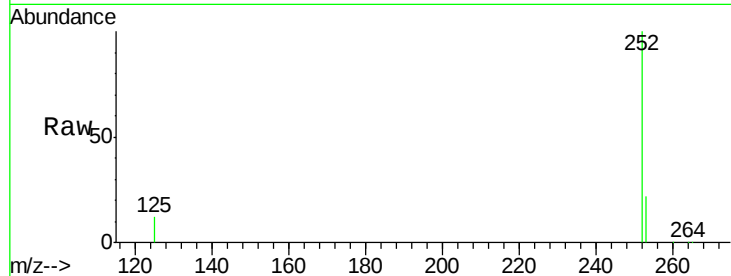
Tgt Ion:252 Resp: 148804

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

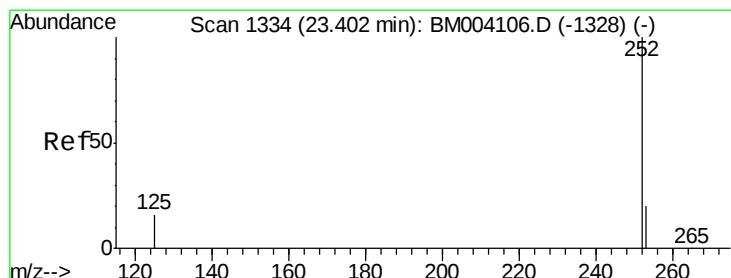
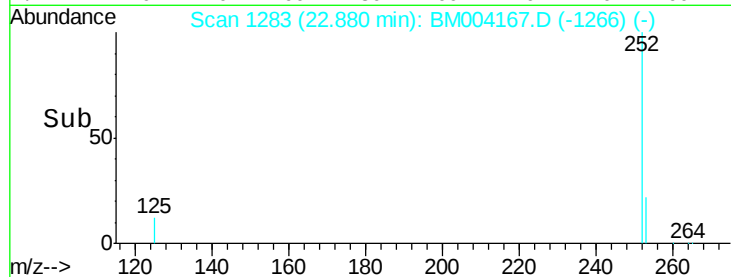
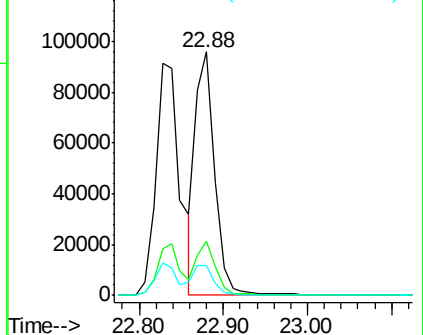
125 12.2 10.6 15.8



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: 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

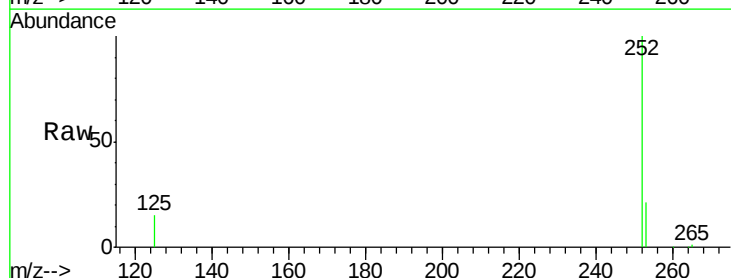
Tgt Ion:252 Resp: 154025

Ion Ratio Lower Upper

252 100

253 20.8 18.7 28.1

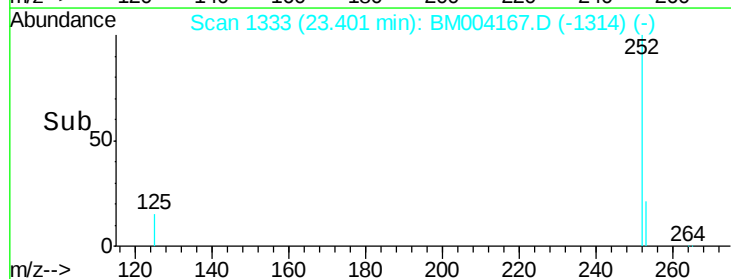
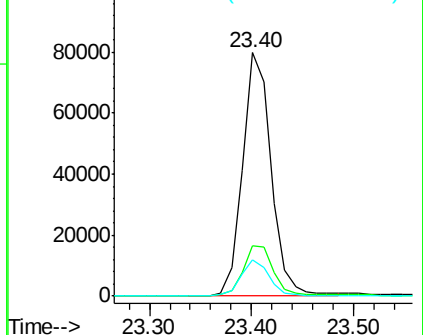
125 15.0 11.8 17.8

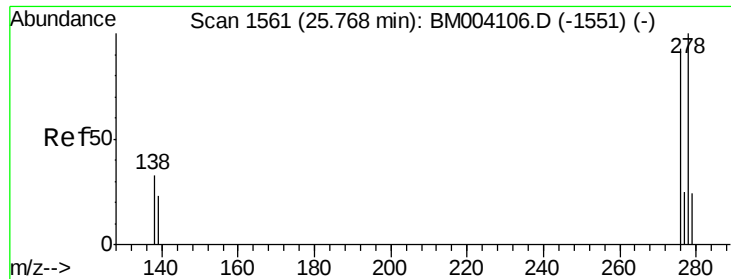


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.38 ng

RT: 25.76 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004167.D

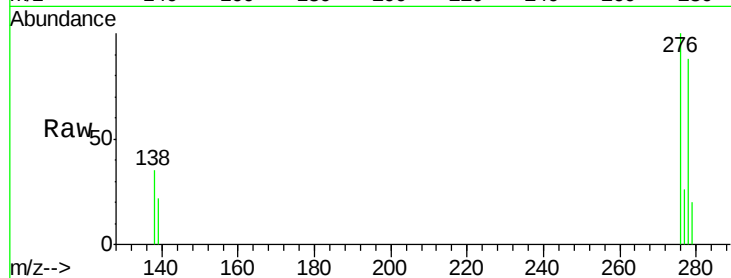
Acq: 02 Feb 2016 17:10

Instrument :

BNA_M

ClientSampleId :

PB88134BS



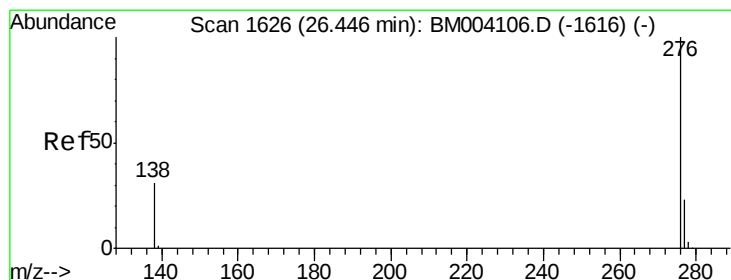
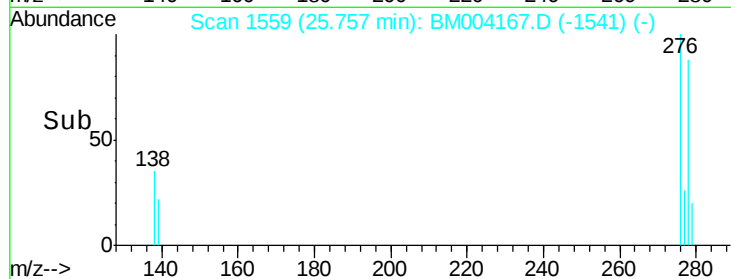
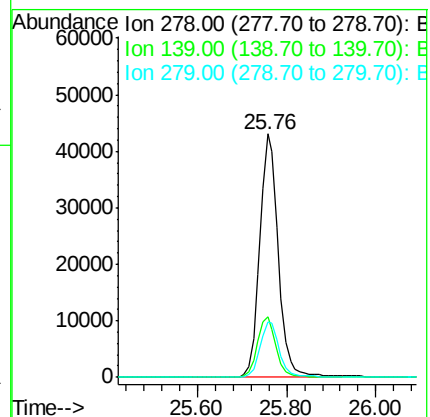
Tgt Ion: 278 Resp: 124021

Ion Ratio Lower Upper

278 100

139 24.8 19.0 28.6

279 22.8 19.6 29.4



#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

