

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
 Data File : BM004109.D
 Acq On : 22 Jan 2016 14:03
 Operator : SJ/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 14:37:48 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 14:13:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	22646	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	102581	5.00	ng	0.00
13) Acenaphthene-d10	14.30	164	57724	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	166201	5.00	ng	0.00
26) Chrysene-d12	21.28	240	173912	5.00	ng	0.00
35) Perylene-d12	23.51	264	158330	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	51440	11.03	ng	-0.02
5) Phenol-d6	6.83	99	69130	12.50	ng	-0.02
8) Nitrobenzene-d5	8.82	82	55690	12.83	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	23476	14.91	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	178952	10.13	ng	0.00
29) Terphenyl-d14	19.71	244	219482	9.79	ng	0.00

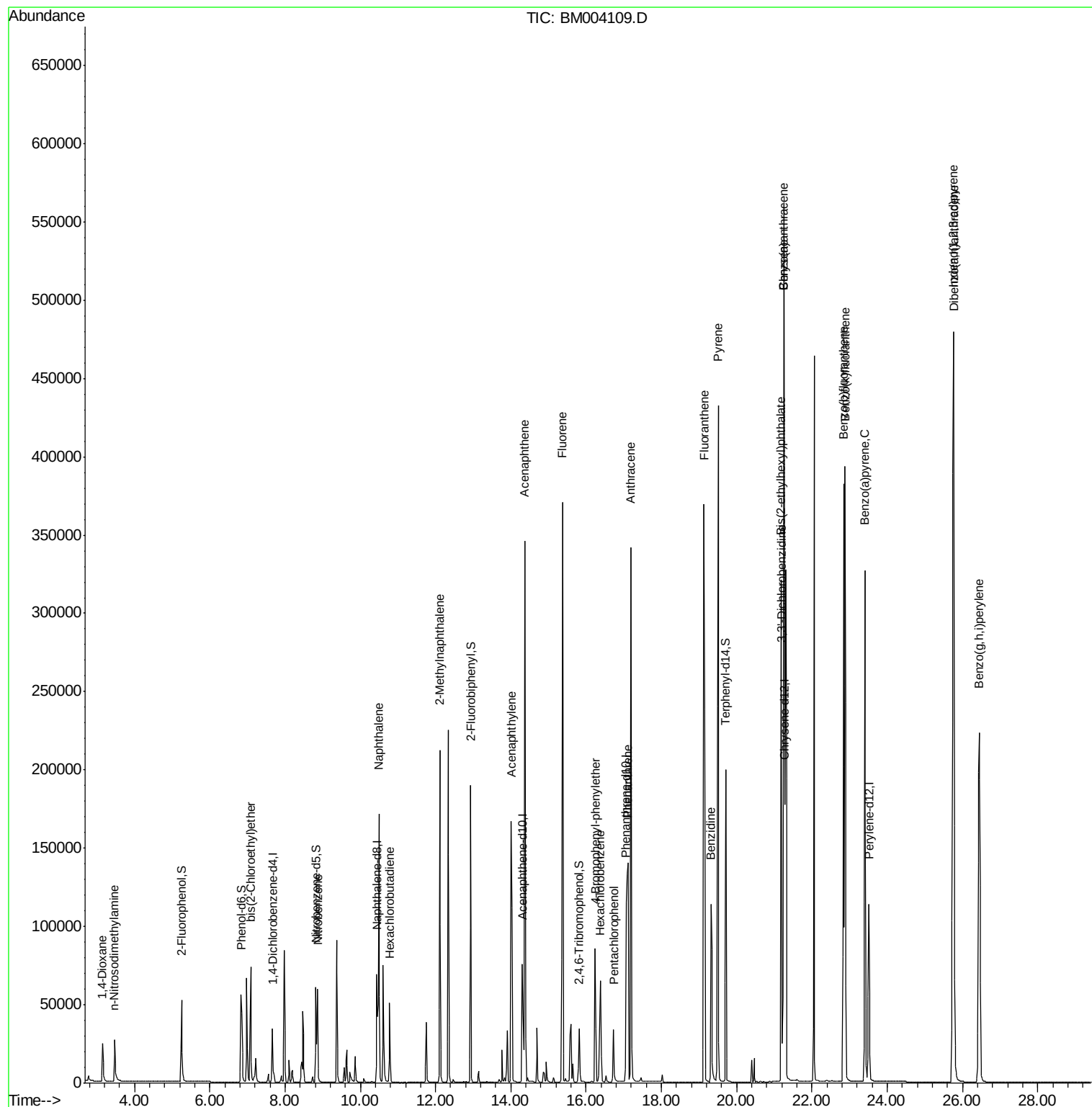
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	20147	7.92	ng	96
3) n-Nitrosodimethylamine	3.46	42	24078	12.26	ng	100
6) bis(2-Chloroethyl)ether	7.09	93	58063	11.15	ng	99
9) Nitrobenzene	8.86	77	66440	13.50	ng	96
10) Naphthalene	10.49	128	231090	9.62	ng	98
11) Hexachlorobutadiene	10.78	225	35126	9.47	ng	100
12) 2-Methylnaphthalene	12.12	142	157627	10.10	ng	99
16) Acenaphthylene	14.01	152	281983	11.53	ng	100
17) Acenaphthene	14.37	154	188461	9.99	ng	97
18) Fluorene	15.37	166	242937	10.68	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	50480	9.23	ng	# 8
21) Hexachlorobenzene	16.37	284	51680	8.97	ng	# 50
22) Pentachlorophenol	16.73	266	27393	21.94	ng	# 86
23) Phenanthrene	17.11	178	306735	8.43	ng	# 76
24) Anthracene	17.19	178	421433	11.27	ng	98
25) Fluoranthene	19.13	202	438179	9.69	ng	100
27) Benzidine	19.32	184	189200	27.46	ng	# 92
28) Pyrene	19.51	202	474131	9.53	ng	100
30) Benzo(a)anthracene	21.26	228	916521	17.19	ng	94
31) 3,3'-Dichlorobenzidine	21.19	252	183315	16.94	ng	91
32) Chrysene	21.26	228	917641	18.93	ng	# 90
33) Bis(2-ethylhexyl)phthalate	21.17	149	338145	17.97	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.76	276	516007	10.16	ng	100
36) Benzo(b)fluoranthene	22.84	252	520971	10.70	ng	98
37) Benzo(k)fluoranthene	22.88	252	449839	10.14	ng	98
38) Benzo(a)pyrene	23.41	252	459551	10.72	ng	98
39) Dibenzo(a,h)anthracene	25.77	278	413777	10.75	ng	98
40) Benzo(g,h,i)perylene	26.44	276	436159	10.33	ng	99

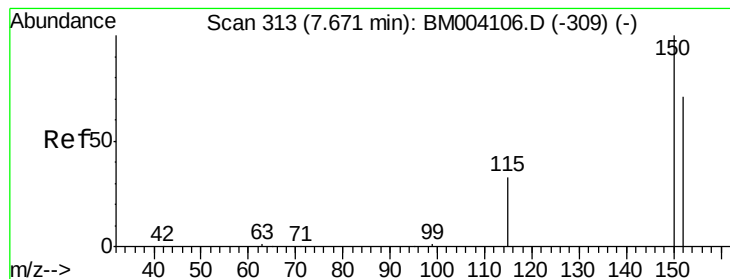
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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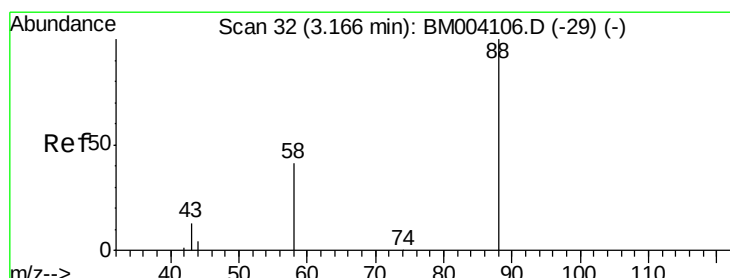
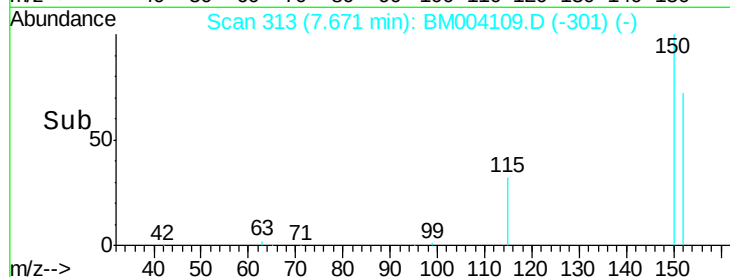
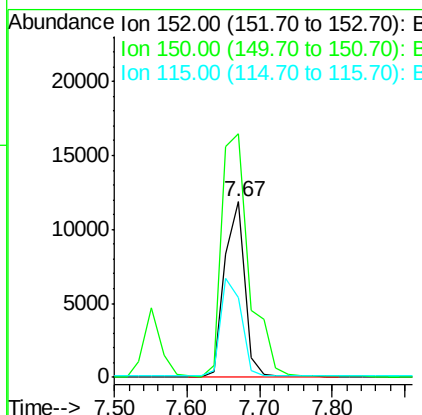
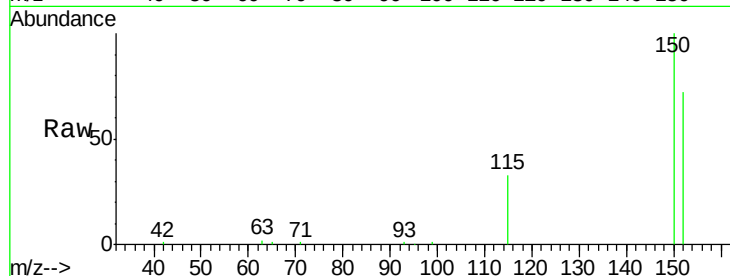


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

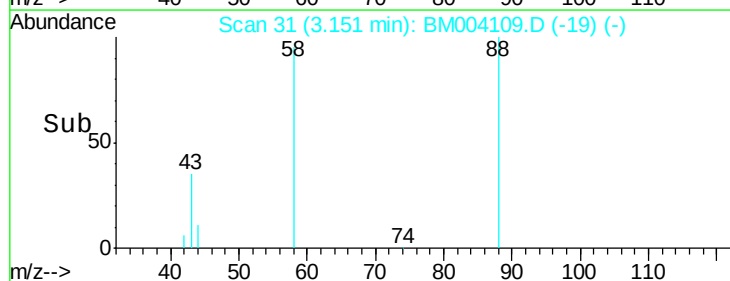
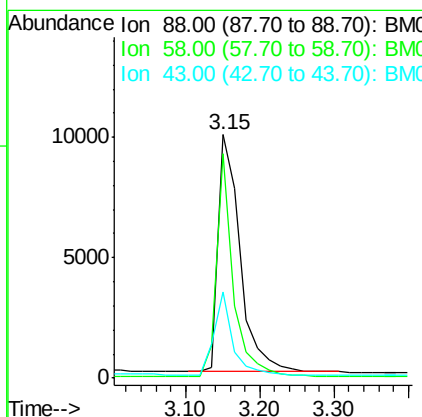
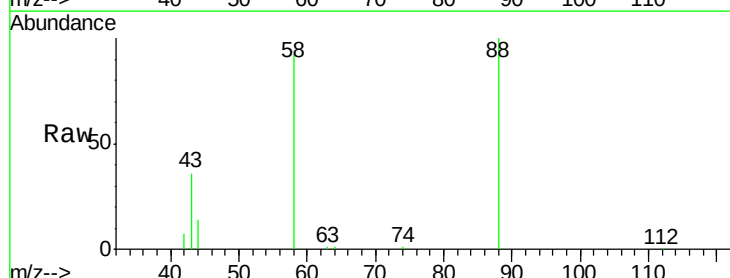
Tot Ion:152 Resp: 22646
Ion Ratio Lower Upper
152 100
150 138.9 122.9 184.3
115 45.3 44.4 66.6

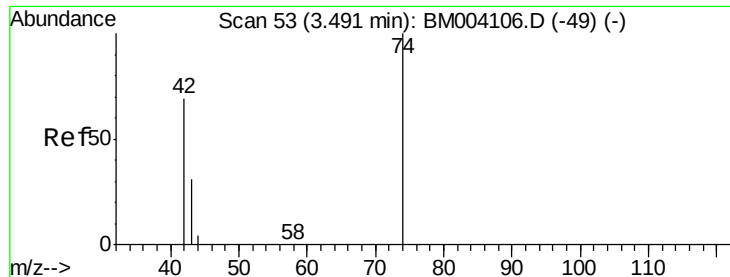


#2

1,4-Dioxane
Concen: 7.92 ng
RT: 3.15 min Scan# 31
Delta R.T. -0.02 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion: 88 Resp: 20147
Ion Ratio Lower Upper
88 100
58 72.0 53.8 80.6
43 29.7 23.8 35.6



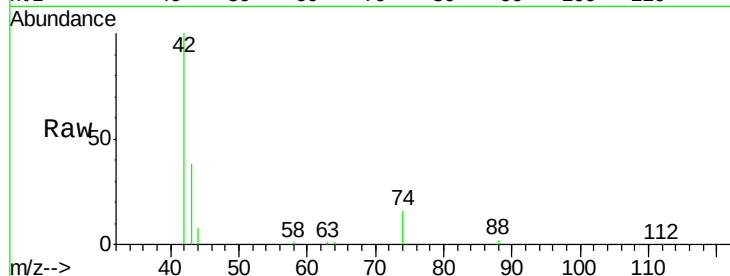


#3

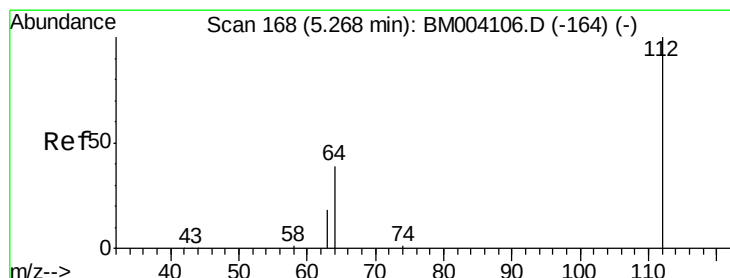
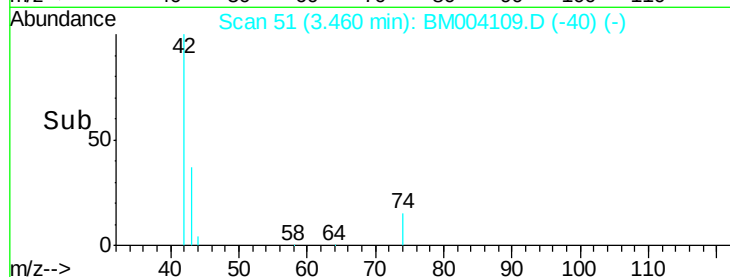
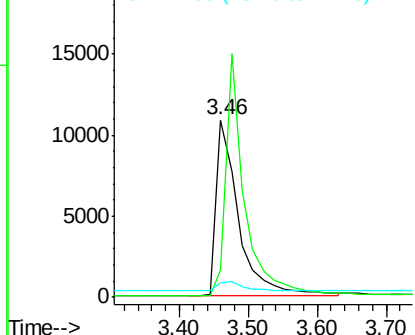
n-Nitrosodimethylamine
 Concen: 12.26 ng
 RT: 3.46 min Scan# 51
 Delta R.T. -0.03 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 42 Resp: 24078
 Ion Ratio Lower Upper
 42 100
 74 118.9 95.0 142.4
 44 6.3 5.1 7.7



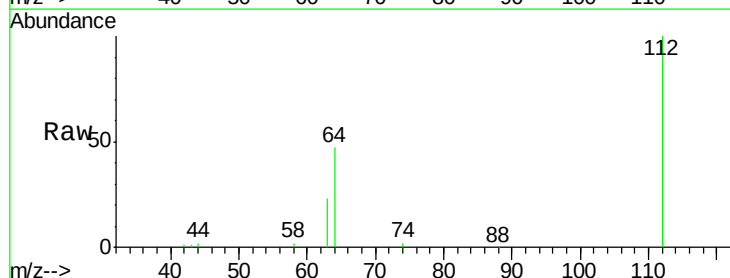
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



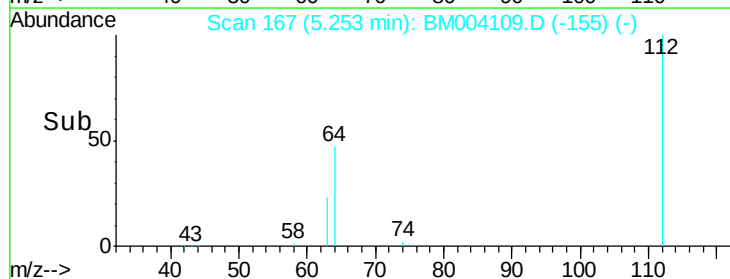
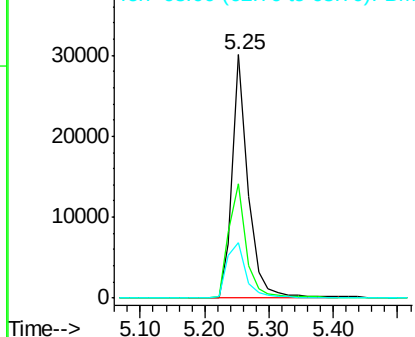
#4

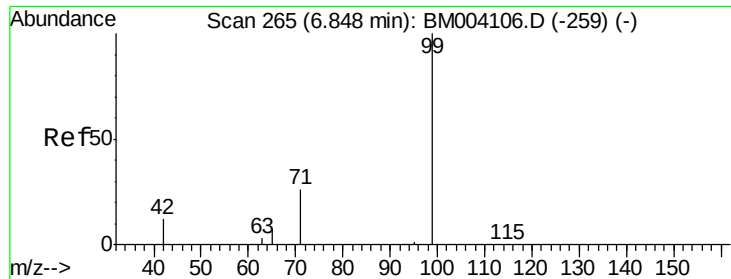
2-Fluorophenol
 Concen: 11.03 ng
 RT: 5.25 min Scan# 167
 Delta R.T. -0.02 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

Tgt Ion: 112 Resp: 51440
 Ion Ratio Lower Upper
 112 100
 64 52.2 41.8 62.8
 63 27.4 22.1 33.1



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





#5

Phenol-d6

Concen: 12.50 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.02 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

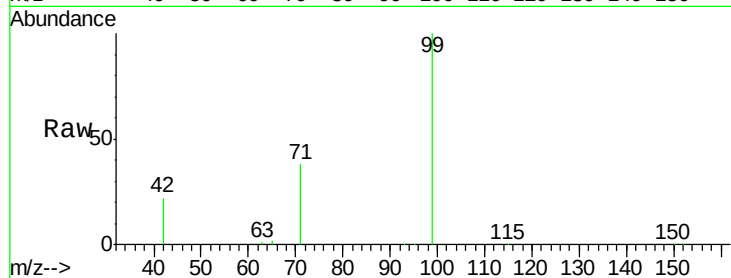
Tot Ion: 99 Resp: 69130

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

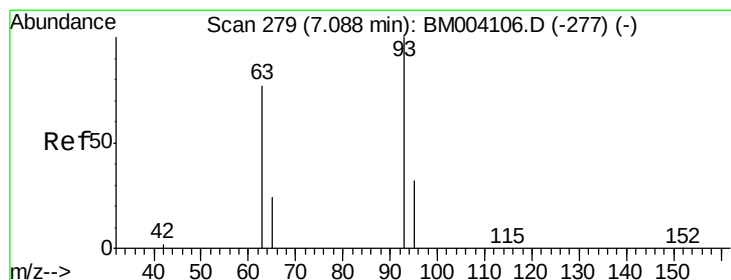
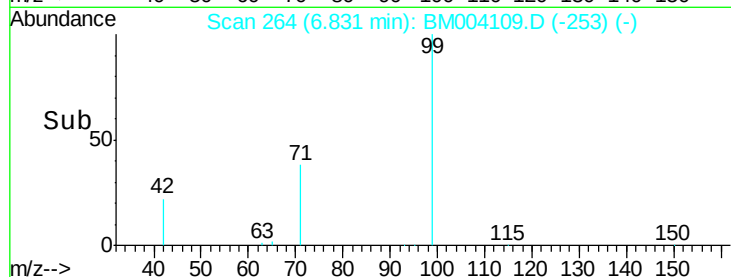
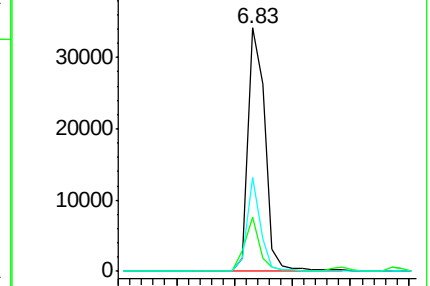
71 30.7 24.4 36.6



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: 11.15 ng

RT: 7.09 min Scan# 279

Delta R.T. 0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

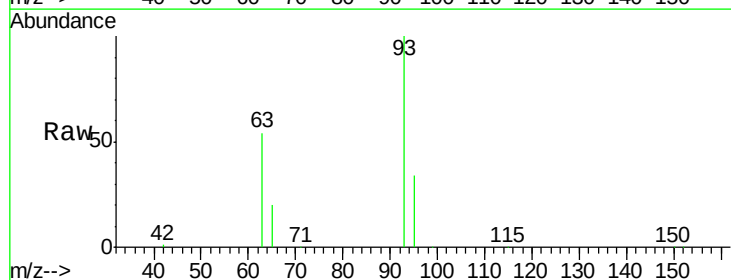
Tgt Ion: 93 Resp: 58063

Ion Ratio Lower Upper

93 100

63 73.2 58.3 87.5

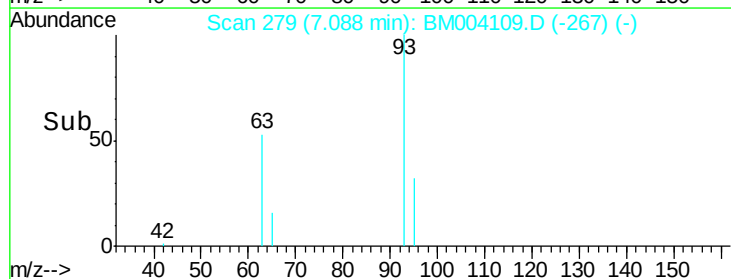
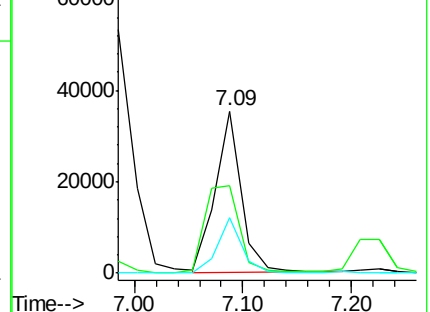
95 33.0 25.8 38.8

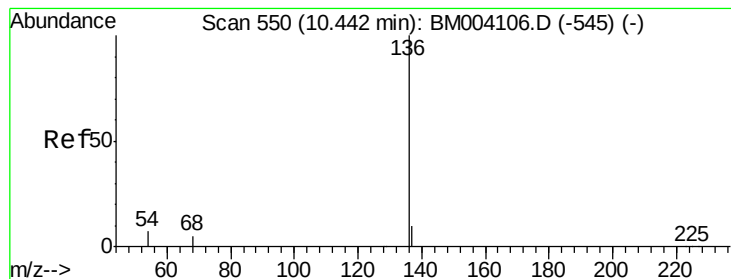


Abundance Ion 93.00 (92.70 to 93.70): BM004106.D (-277) (-)

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# 549

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 102581

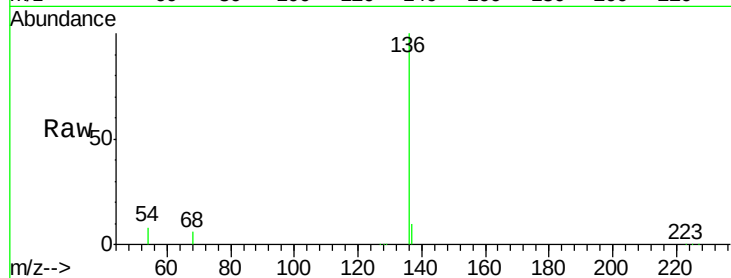
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 8.2 2.8 4.2#

68 6.1 2.5 3.7#

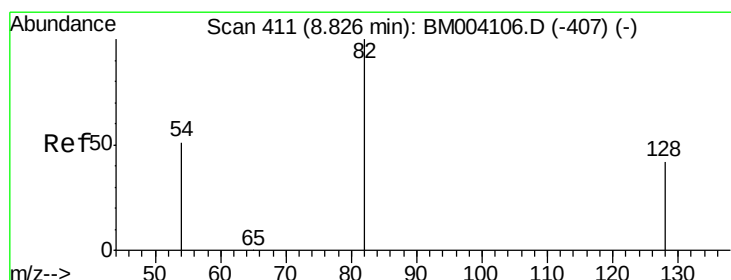
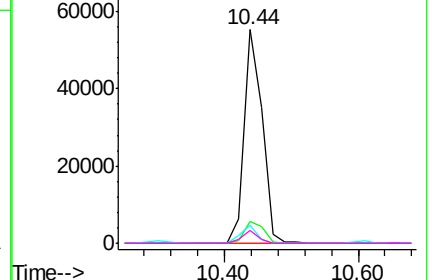
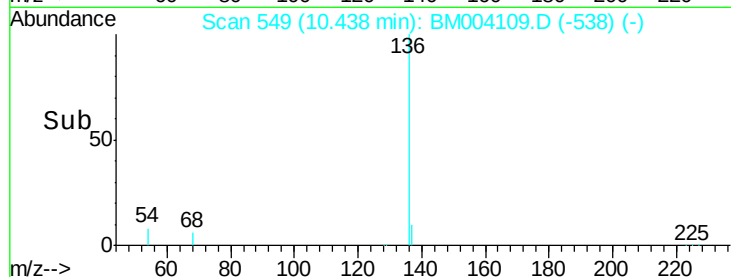


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.83 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

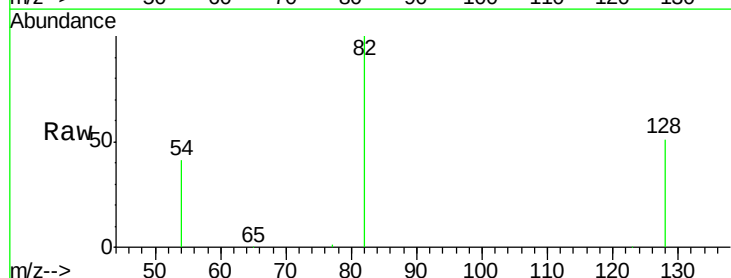
Tgt Ion: 82 Resp: 55690

Ion Ratio Lower Upper

82 100

128 50.7 39.1 58.7

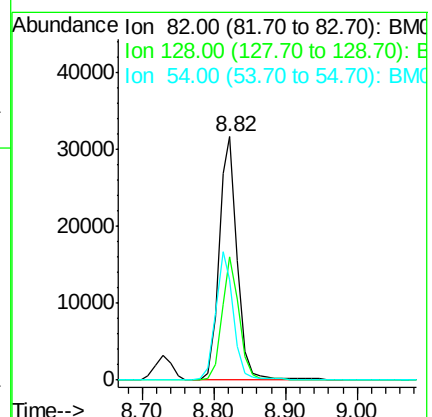
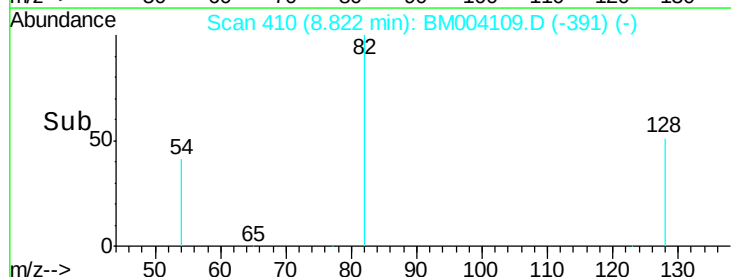
54 41.2 34.8 52.2

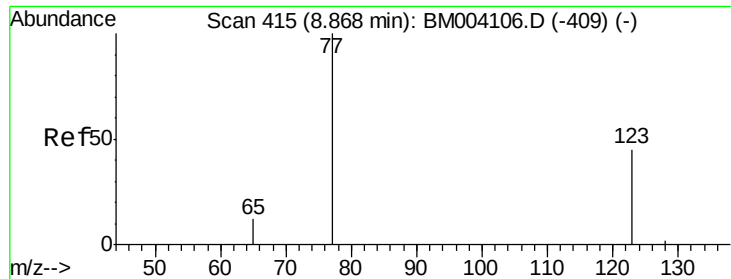


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 13.50 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

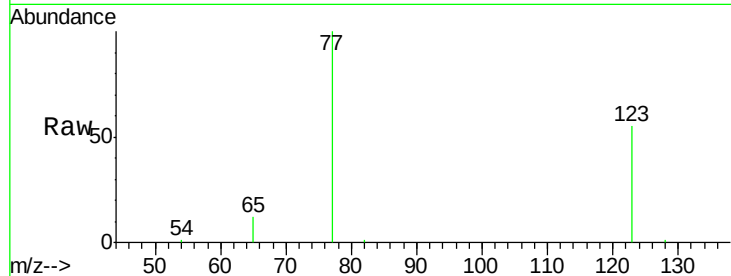
Tot Ion: 77 Resp: 66440

Ion Ratio Lower Upper

77 100

123 51.2 38.6 57.8

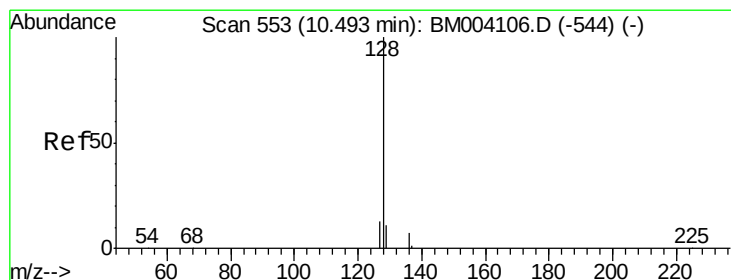
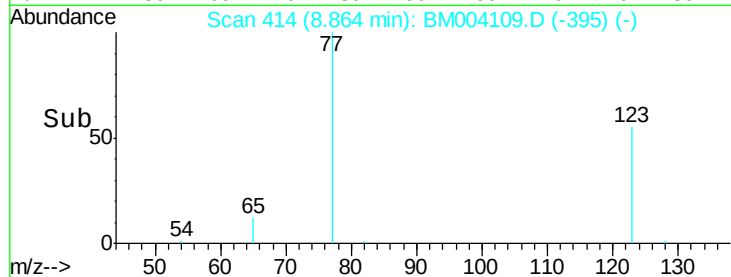
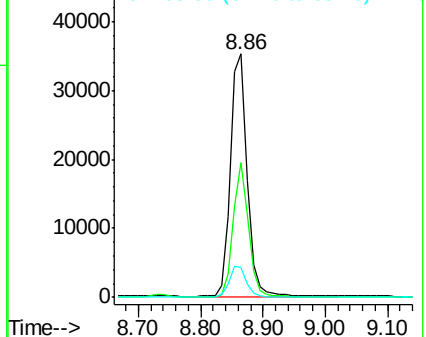
65 12.9 9.9 14.9



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: 9.62 ng

RT: 10.49 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

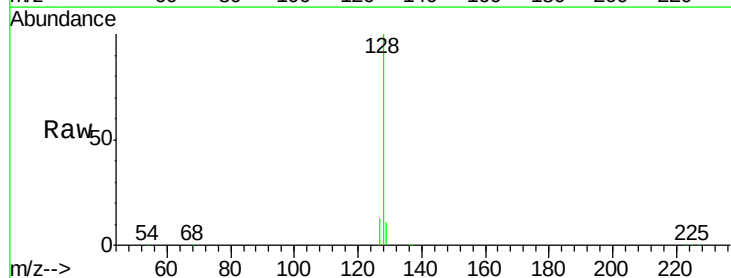
Tgt Ion: 128 Resp: 231090

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

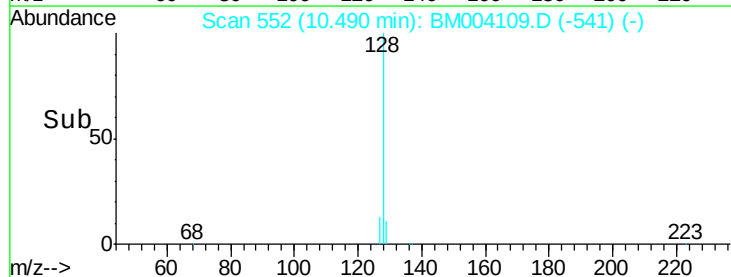
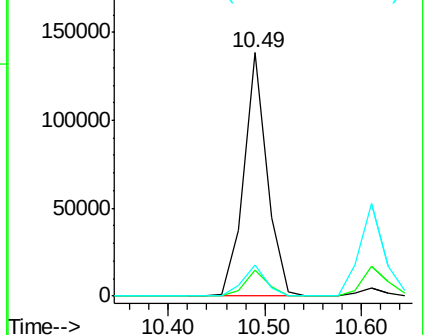
127 12.7 11.0 16.4

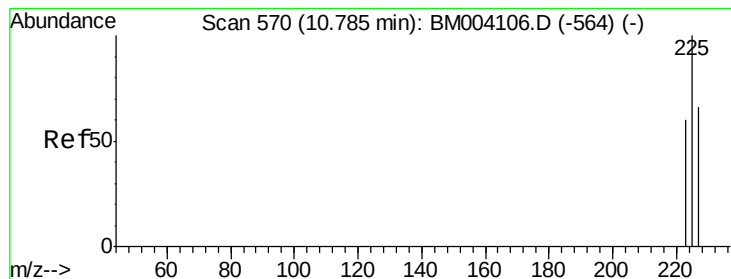


Abundance Ion 128.00 (127.70 to 128.70): BM004106.D (-544) (-)

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: 9.47 ng

RT: 10.78 min Scan# 569

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

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ClientSampleId :

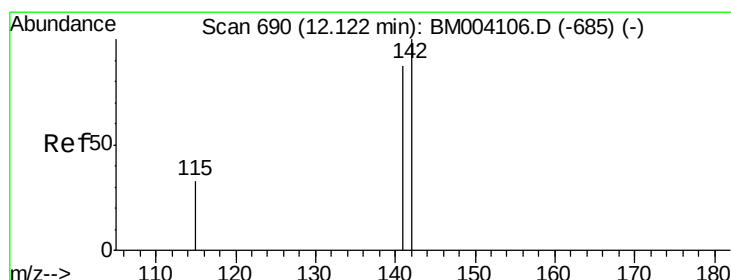
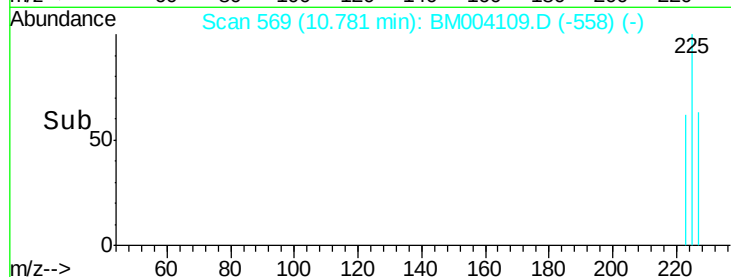
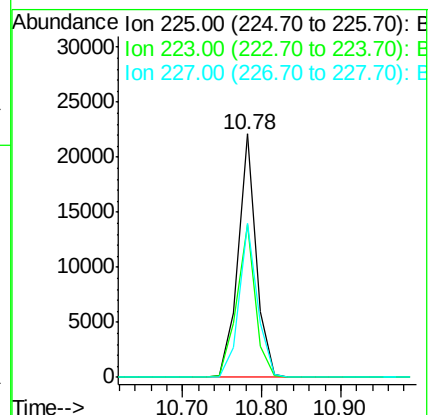
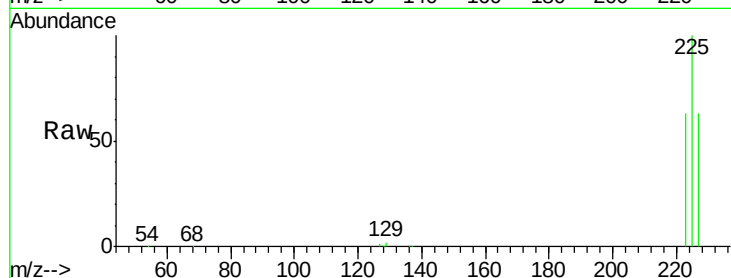
Tot Ion:225 Resp: 35126

Ion Ratio Lower Upper

225 100

223 63.4 50.9 76.3

227 63.8 51.2 76.8



#12

2-Methylnaphthalene

Concen: 10.10 ng

RT: 12.12 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

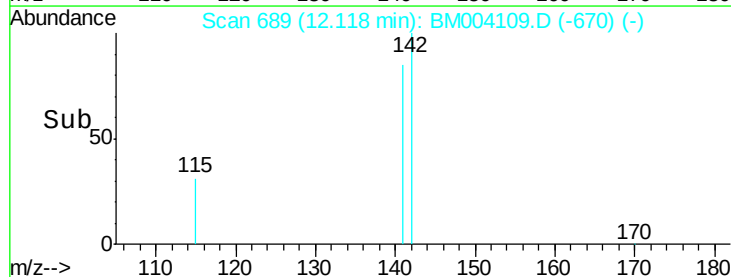
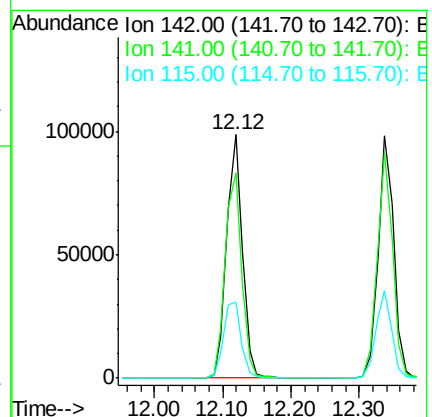
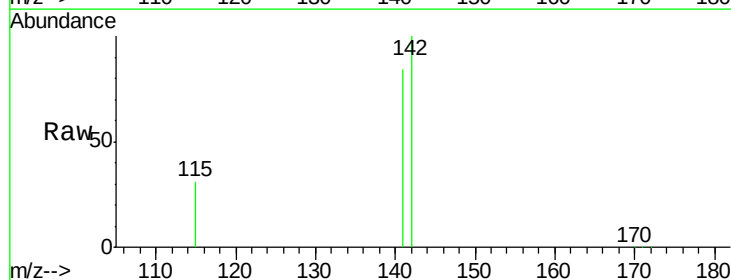
Tgt Ion:142 Resp: 157627

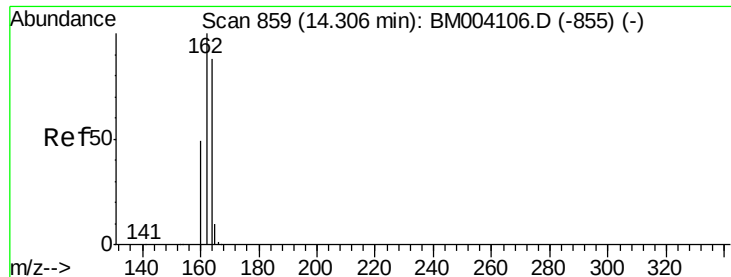
Ion Ratio Lower Upper

142 100

141 84.5 67.8 101.8

115 30.9 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.30 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

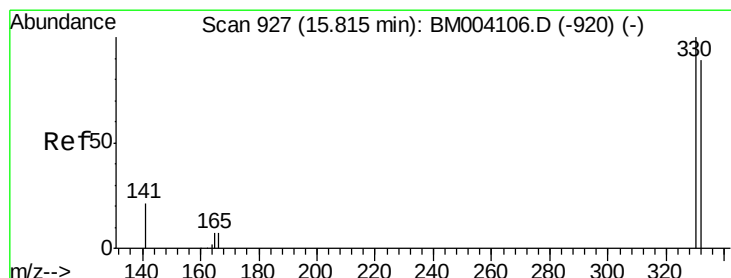
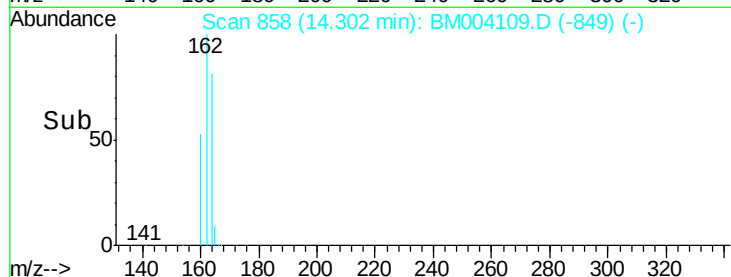
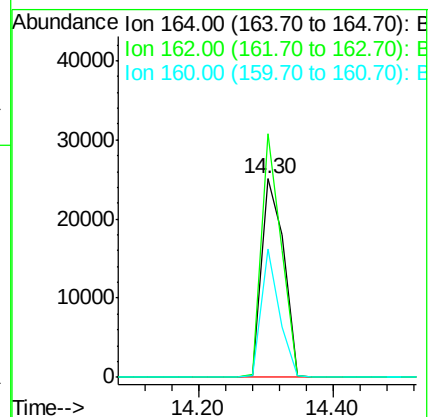
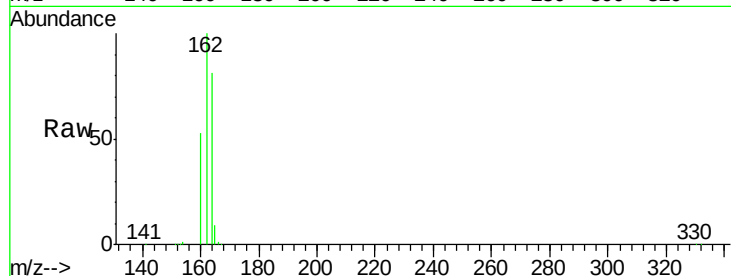
Tot Ion:164 Resp: 57724

Ion Ratio Lower Upper

164 100

162 122.8 86.0 129.0

160 64.6 40.3 60.5#



#14

2,4,6-Tribromophenol

Concen: 14.91 ng

RT: 15.81 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

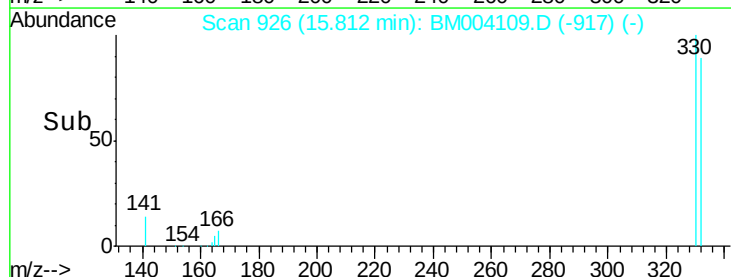
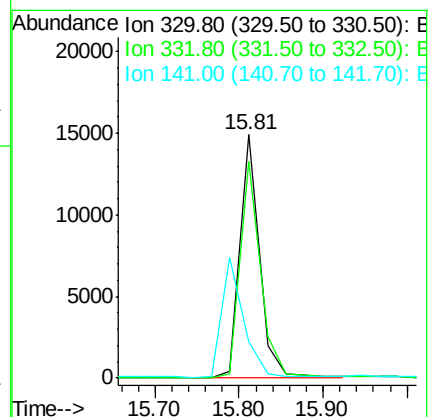
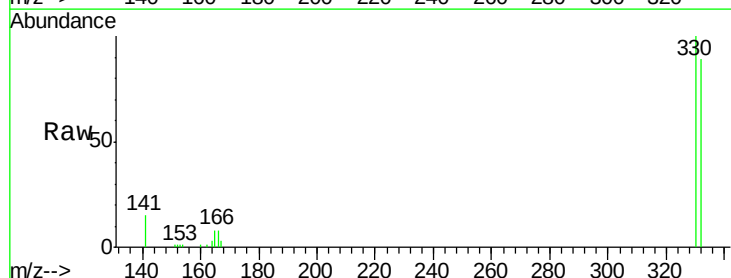
Tgt Ion:330 Resp: 23476

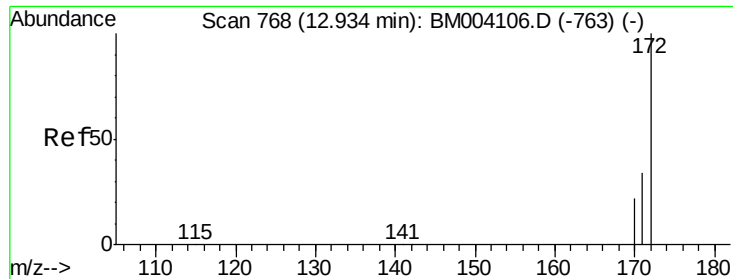
Ion Ratio Lower Upper

330 100

332 92.9 79.0 118.4

141 0.0 27.8 41.6#

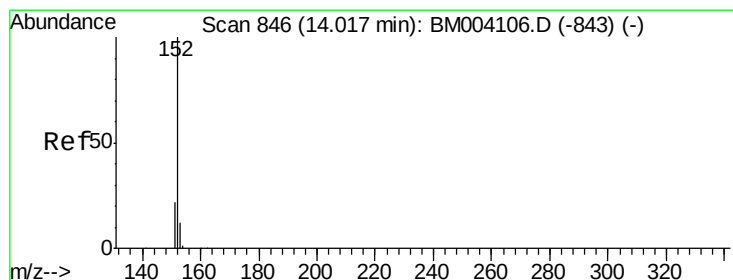
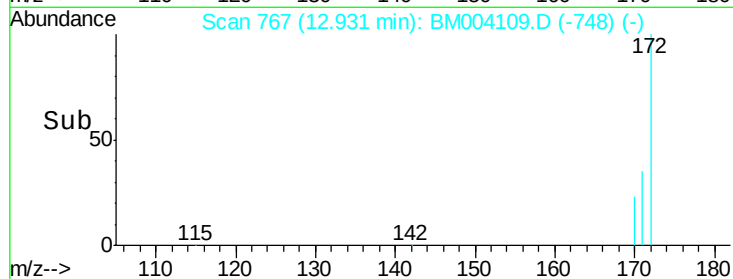
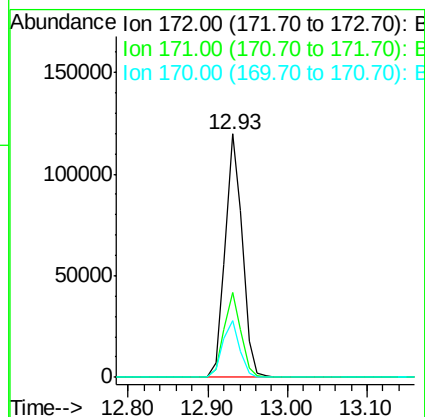
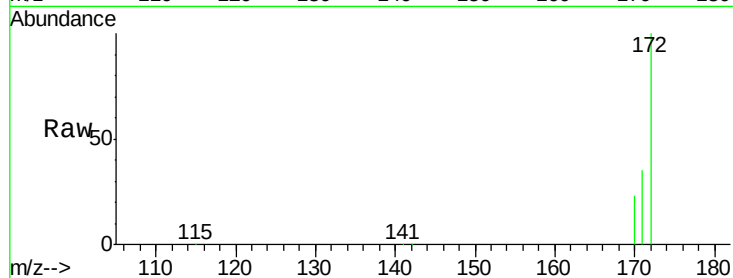




#15
2-Fluorobiphenyl
Concen: 10.13 ng
RT: 12.93 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

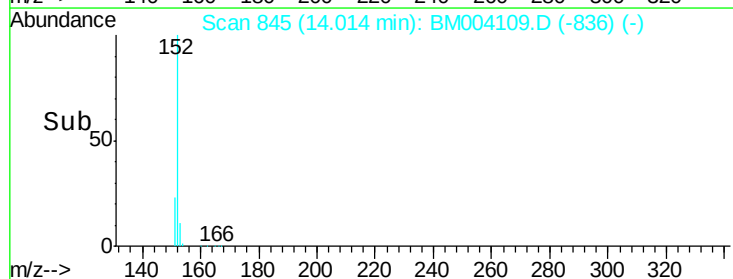
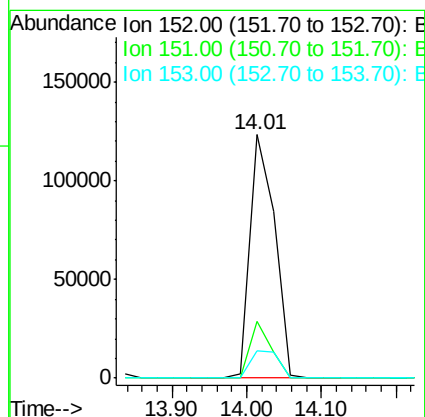
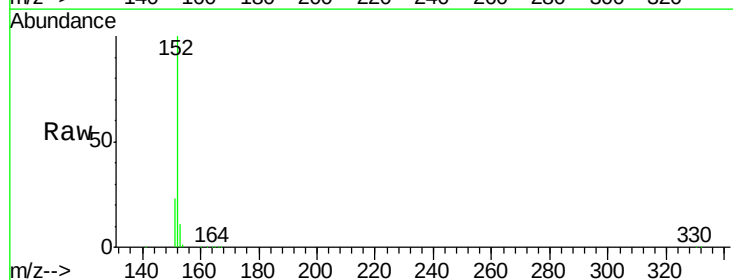
Instrument :
BNA_M
ClientSampleId :

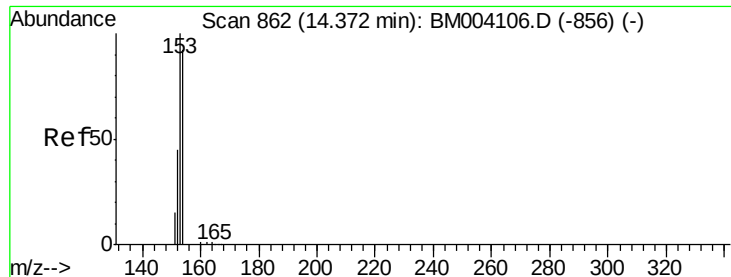
Tot Ion:172 Resp: 178952
Ion Ratio Lower Upper
172 100
171 34.7 27.0 40.6
170 23.2 17.9 26.9



#16
Acenaphthylene
Concen: 11.53 ng
RT: 14.01 min Scan# 845
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:152 Resp: 281983
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.2 15.4





#17

Acenaphthene

Concen: 9.99 ng

RT: 14.37 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

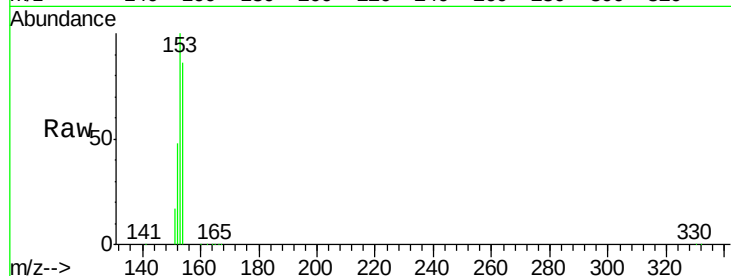
Tot Ion:154 Resp: 188461

Ion Ratio Lower Upper

154 100

153 110.0 85.4 128.2

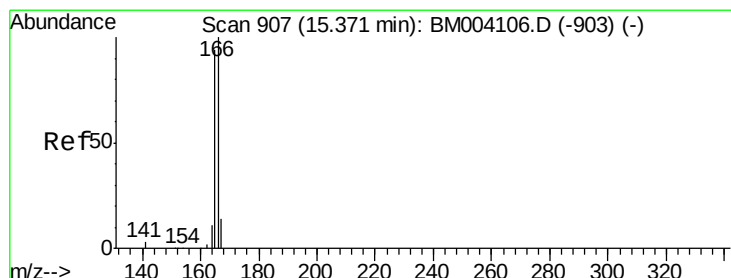
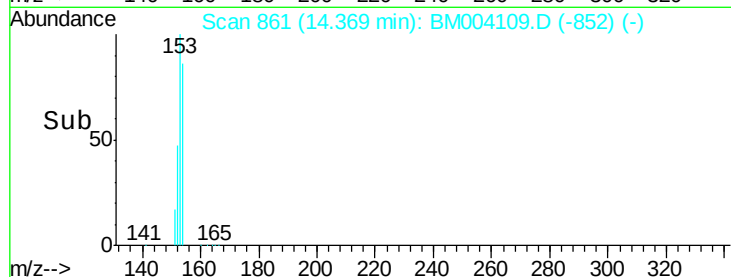
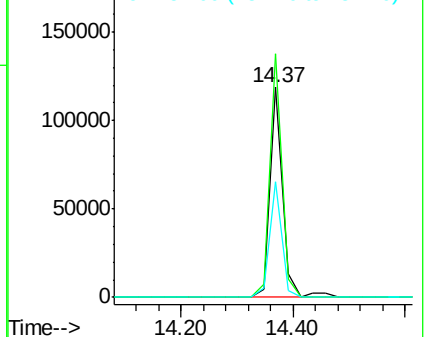
152 52.7 40.6 60.8



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: 10.68 ng

RT: 15.37 min Scan# 906

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

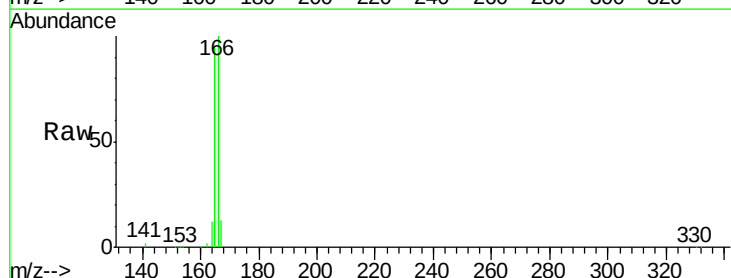
Tgt Ion:166 Resp: 242937

Ion Ratio Lower Upper

166 100

165 97.0 77.2 115.8

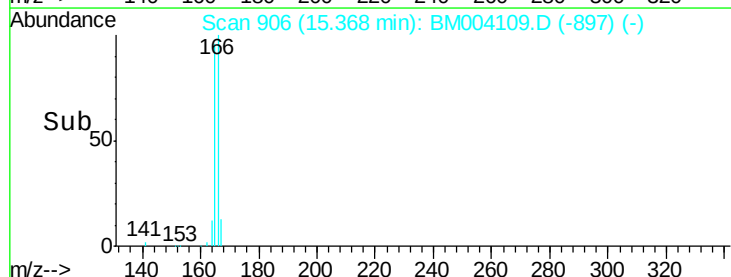
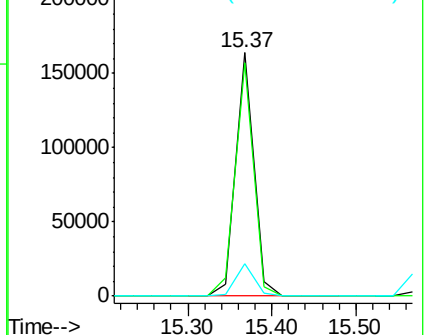
167 13.3 11.0 16.6

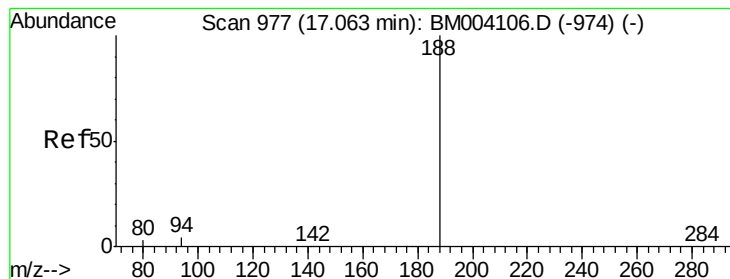


Abundance Ion 166.00 (165.70 to 166.70): E

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# 976

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

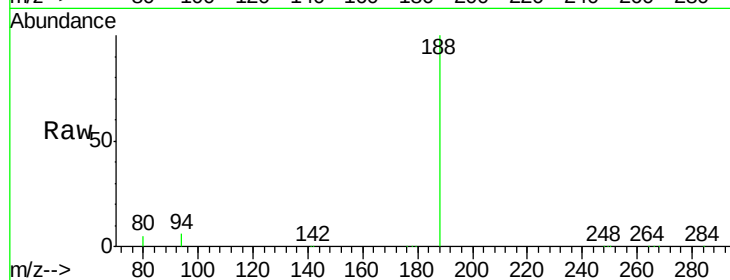
Tot Ion:188 Resp: 166201

Ion Ratio Lower Upper

188 100

94 5.7 20.3 30.5#

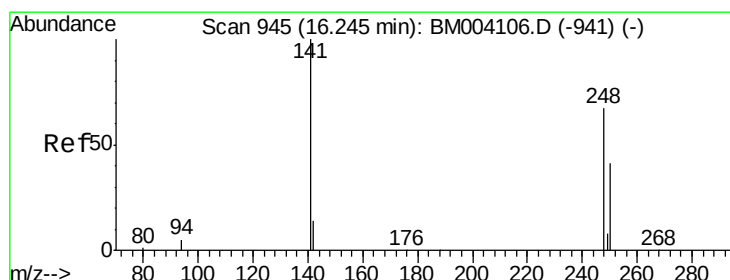
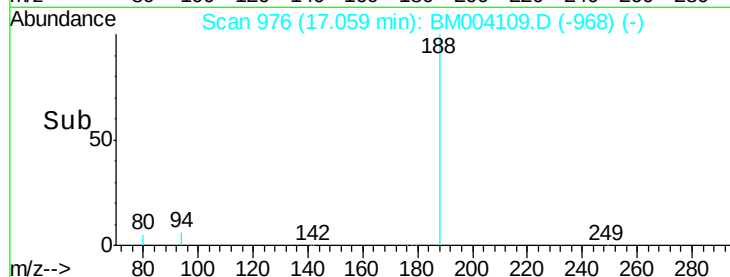
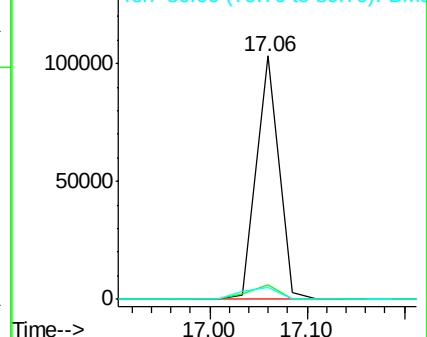
80 5.0 22.2 33.4#



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: 9.23 ng

RT: 16.24 min Scan# 944

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

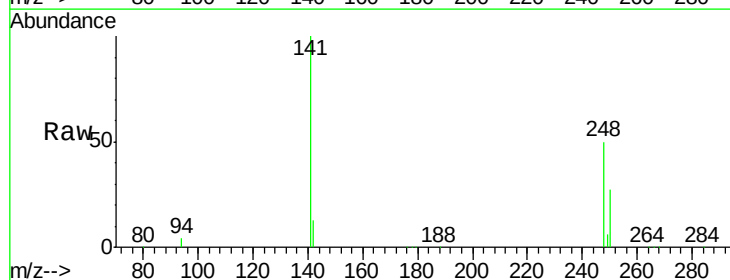
Tgt Ion:248 Resp: 50480

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

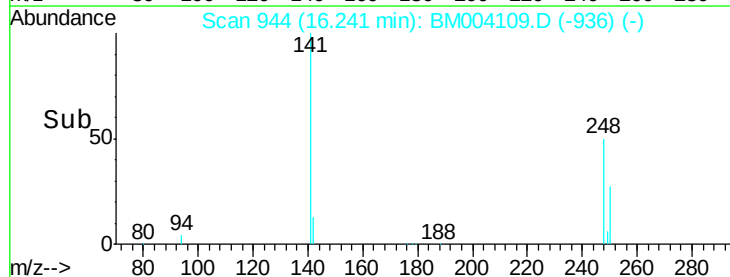
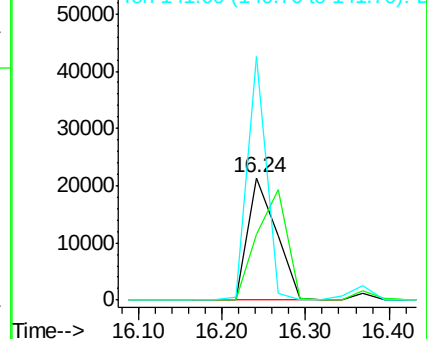
141 134.2 53.0 79.4#

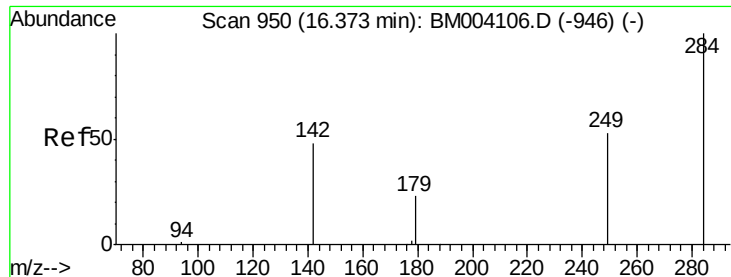


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

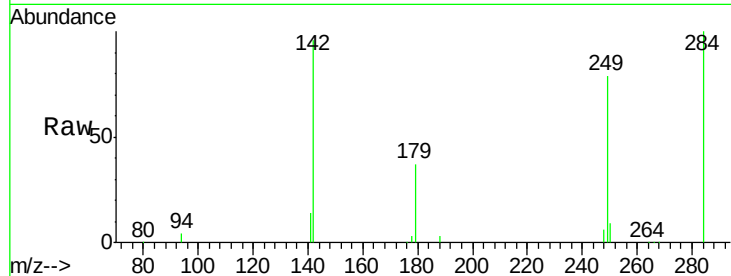




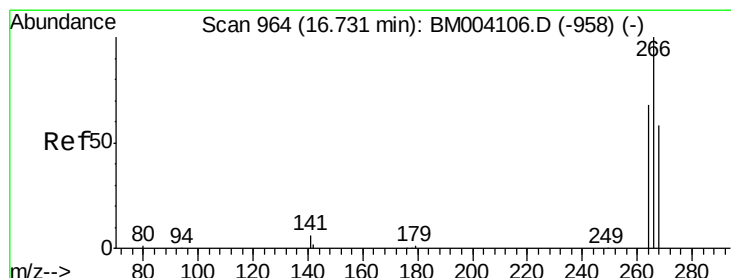
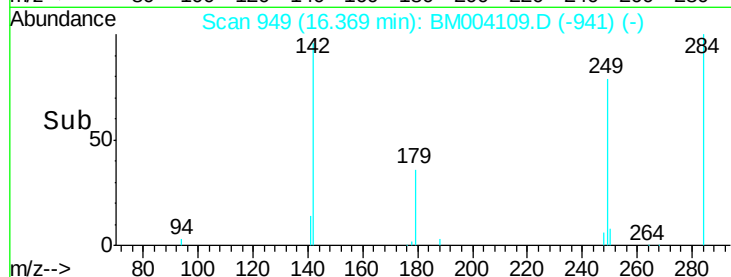
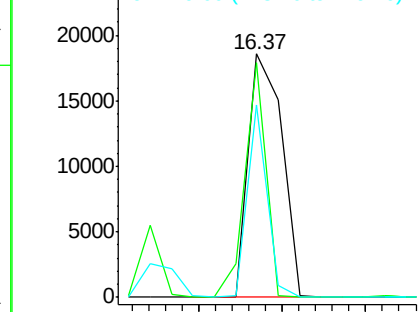
#21
Hexachlorobenzene
Concen: 8.97 ng
RT: 16.37 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 51680
Ion Ratio Lower Upper
284 100
142 60.6 22.2 33.4#
249 46.3 21.5 32.3#

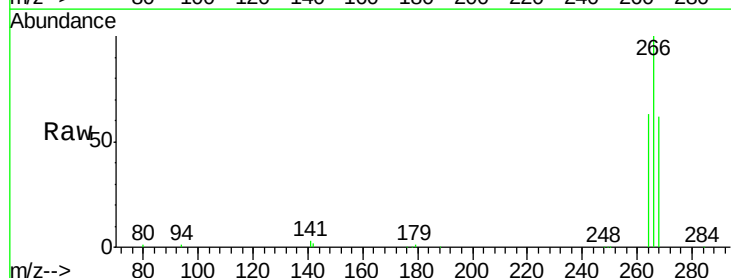


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

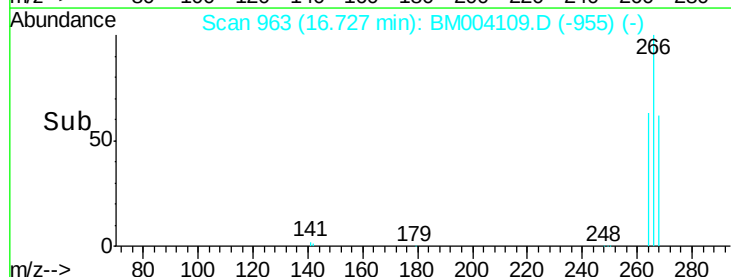
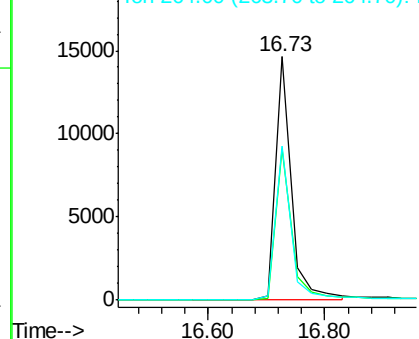


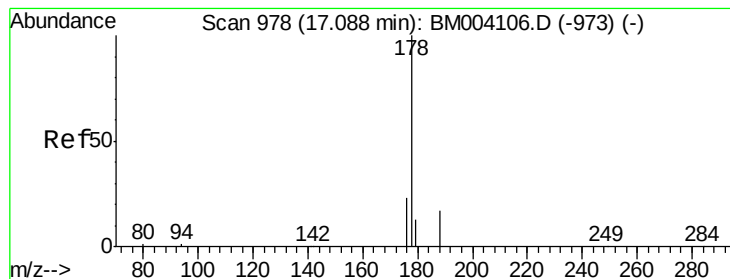
#22
Pentachlorophenol
Concen: 21.94 ng
RT: 16.73 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:266 Resp: 27393
Ion Ratio Lower Upper
266 100
268 61.9 62.7 94.1#
264 63.2 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: 8.43 ng

RT: 17.11 min Scan# 978

Delta R.T. 0.02 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

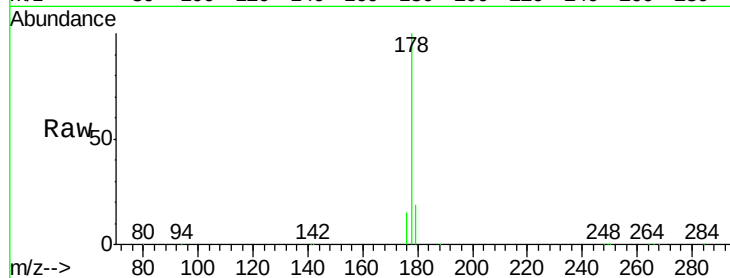
Tot Ion:178 Resp: 306735

Ion Ratio Lower Upper

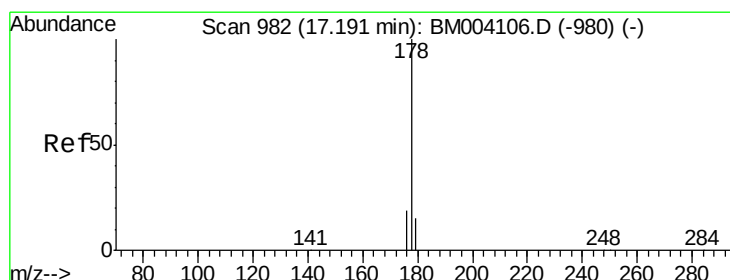
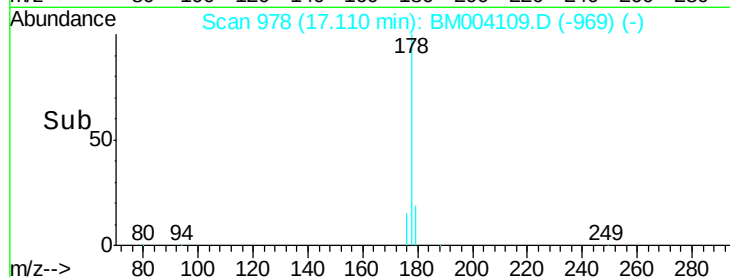
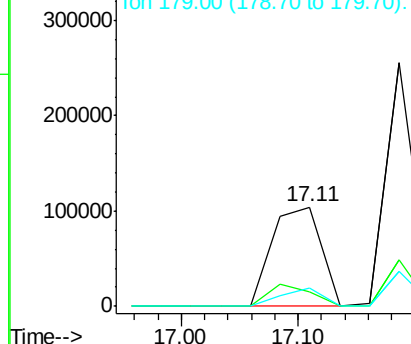
178 100

176 0.0 15.4 23.0#

179 15.6 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: 11.27 ng

RT: 17.19 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

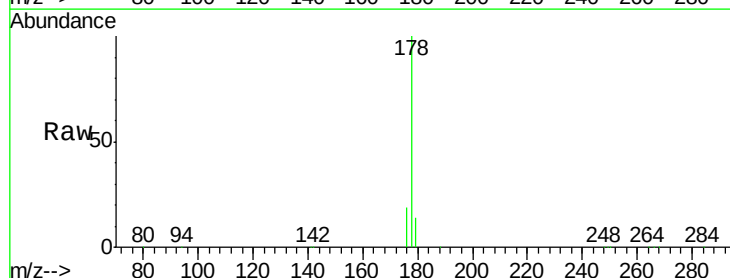
Tgt Ion:178 Resp: 421433

Ion Ratio Lower Upper

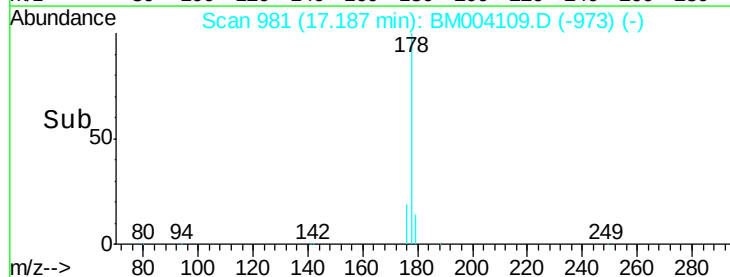
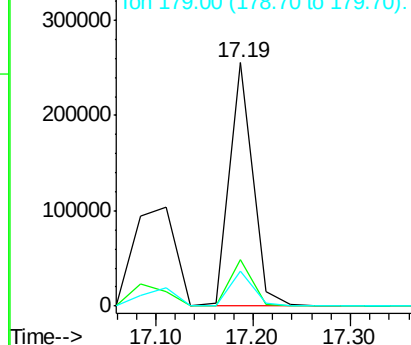
178 100

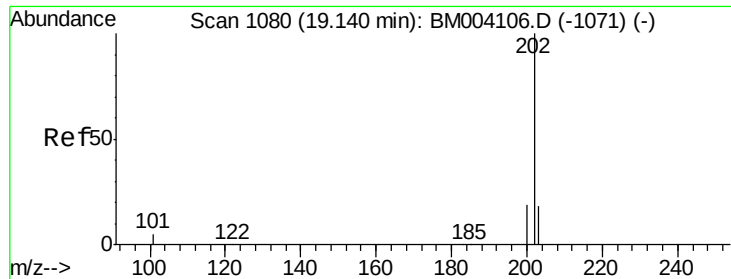
176 18.8 14.6 21.8

179 14.7 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: 9.69 ng

RT: 19.13 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

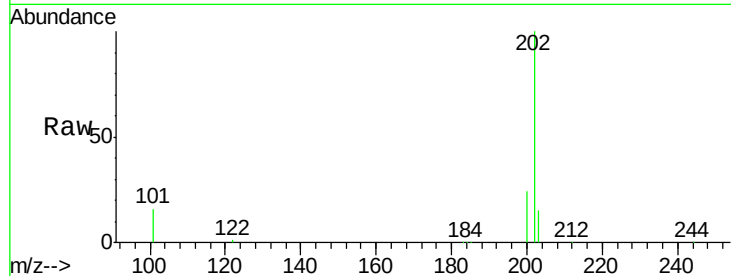
Tot Ion:202 Resp: 438179

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

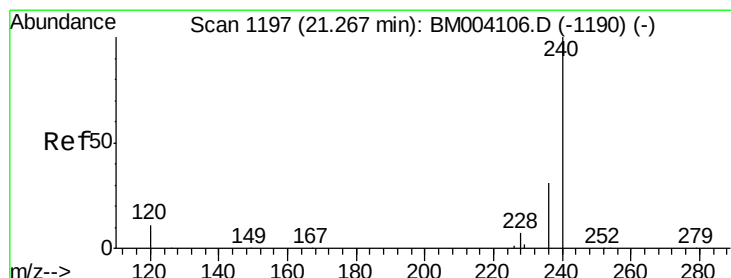
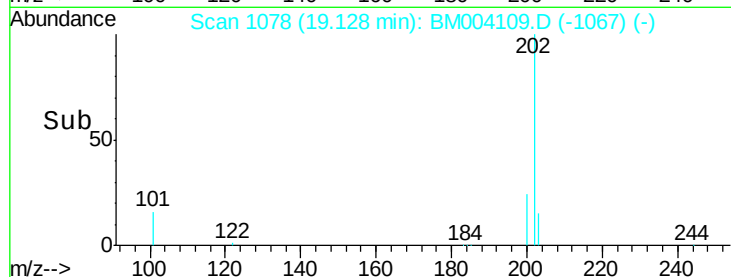
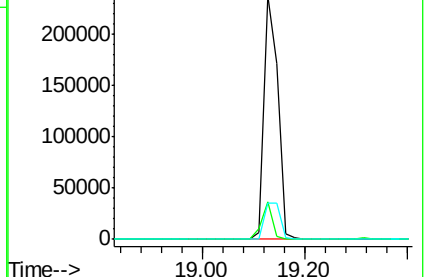
203 17.2 13.8 20.8



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: 21.28 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

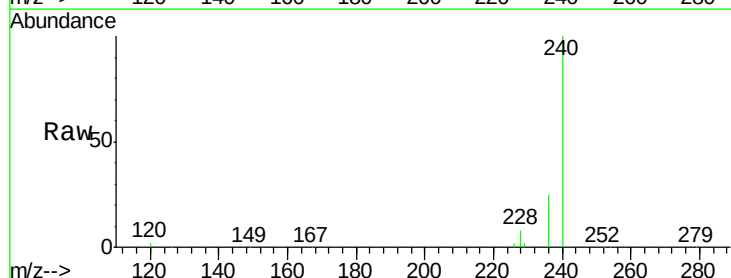
Tgt Ion:240 Resp: 173912

Ion Ratio Lower Upper

240 100

120 2.4 0.9 1.3#

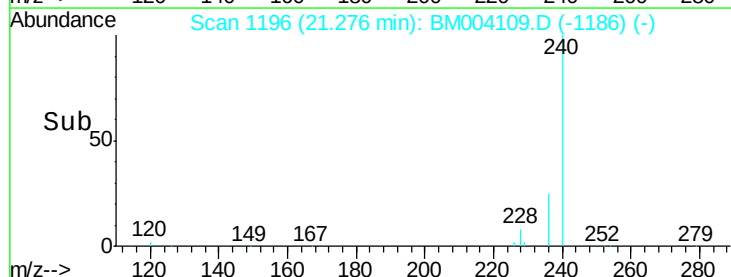
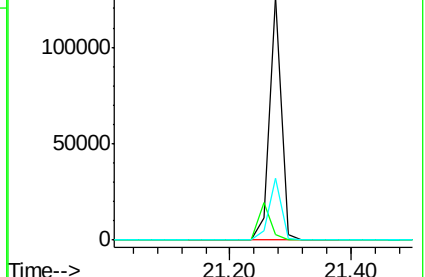
236 25.3 17.3 25.9

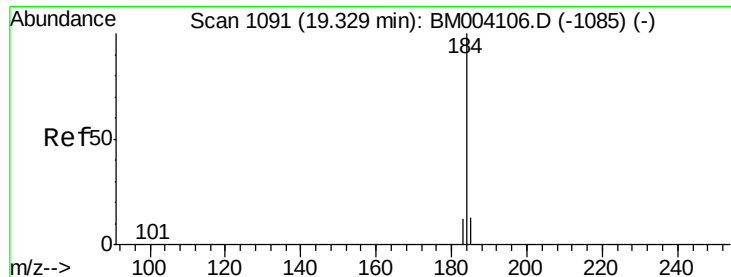


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 27.46 ng

RT: 19.32 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

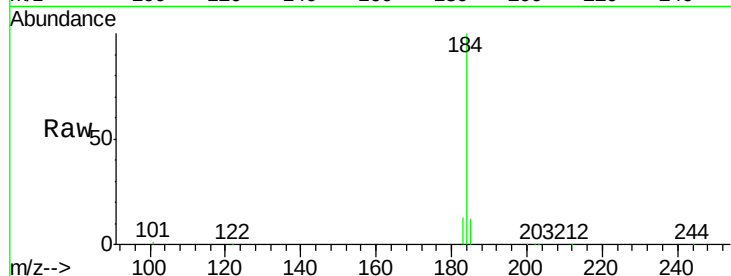
Tot Ion:184 Resp: 189200

Ion Ratio Lower Upper

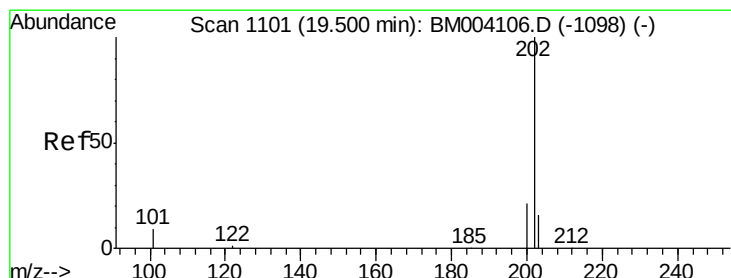
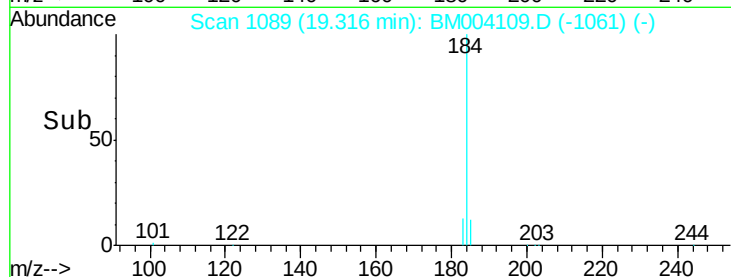
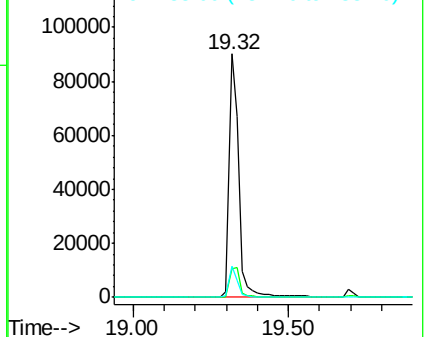
184 100

185 11.8 13.2 19.8#

183 13.0 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: 9.53 ng

RT: 19.51 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

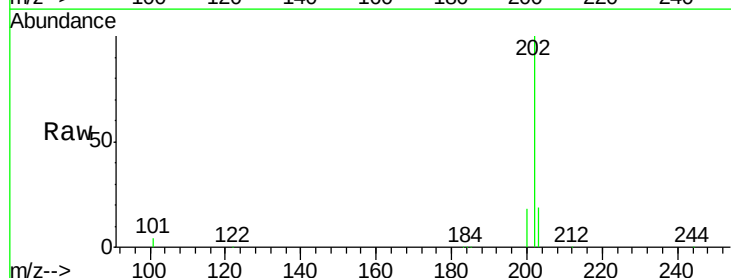
Tgt Ion:202 Resp: 474131

Ion Ratio Lower Upper

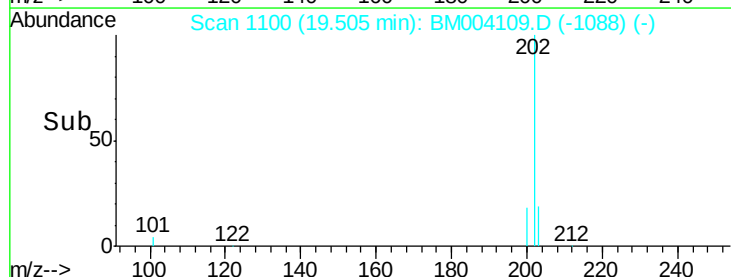
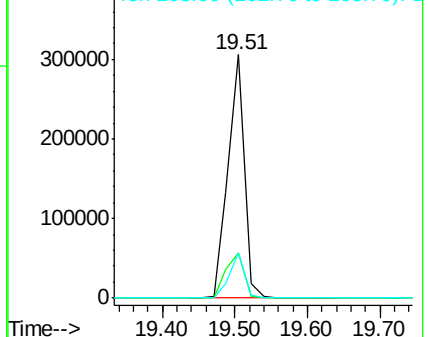
202 100

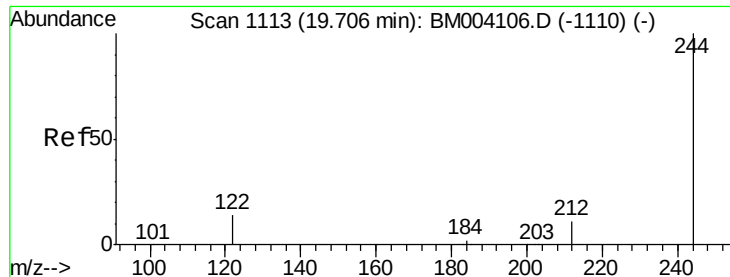
200 20.7 16.6 24.8

203 17.4 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: 9.79 ng

RT: 19.71 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

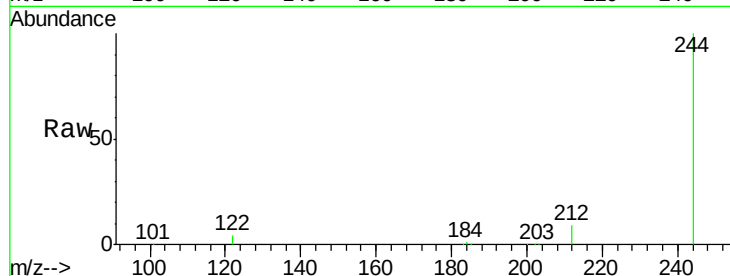
Tot Ion:244 Resp: 219482

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

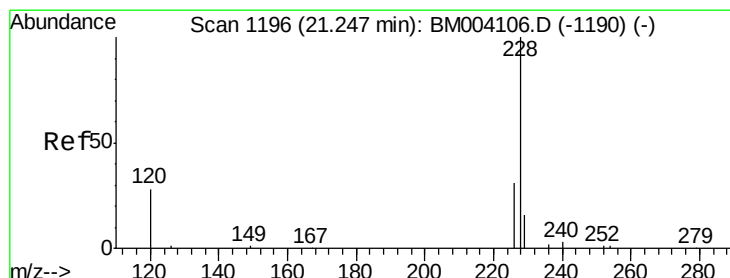
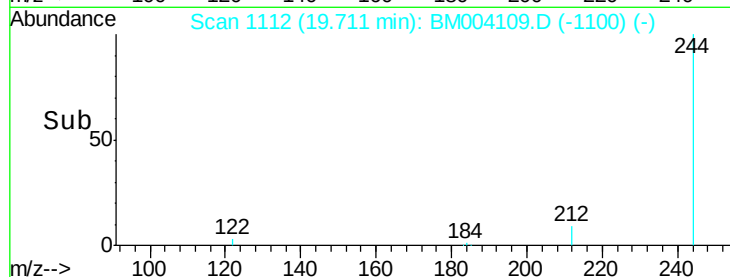
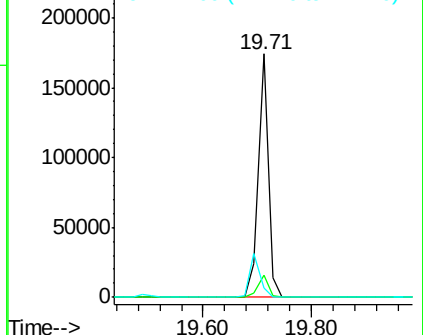
122 3.6 3.0 4.6



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: 17.19 ng

RT: 21.26 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

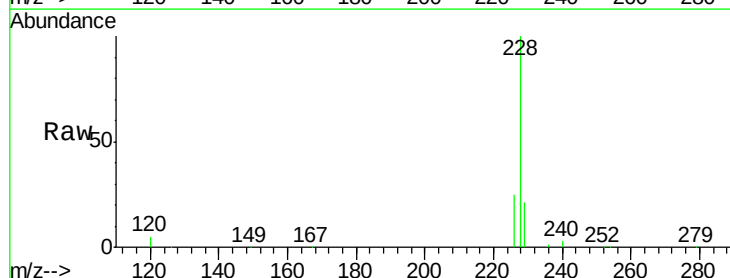
Tgt Ion:228 Resp: 916521

Ion Ratio Lower Upper

228 100

226 25.0 17.2 25.8

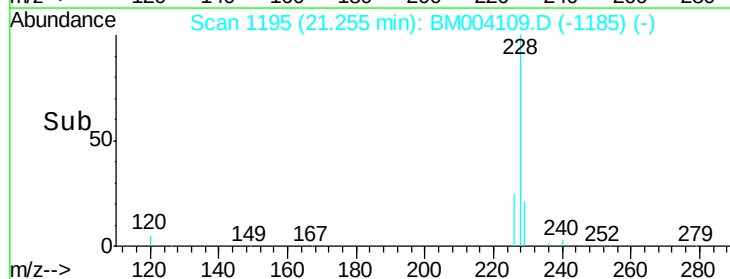
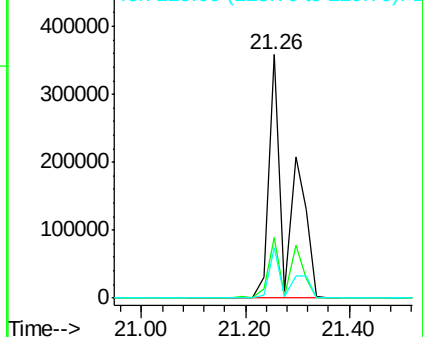
229 20.9 18.7 28.1

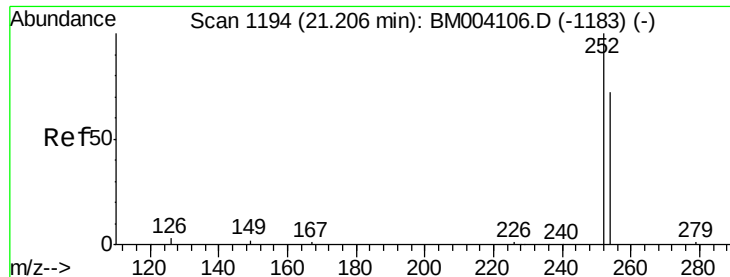


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

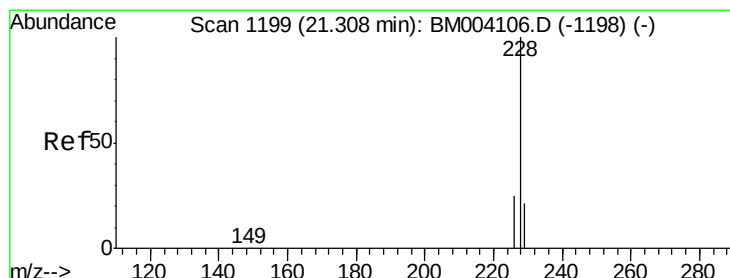
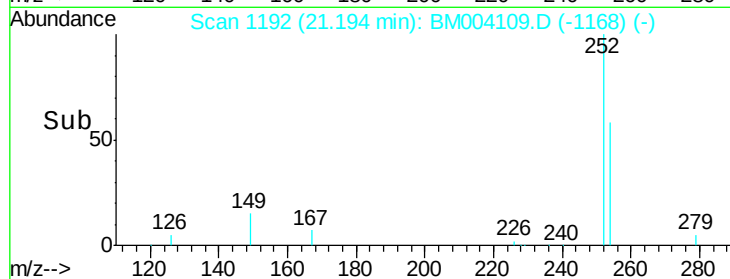
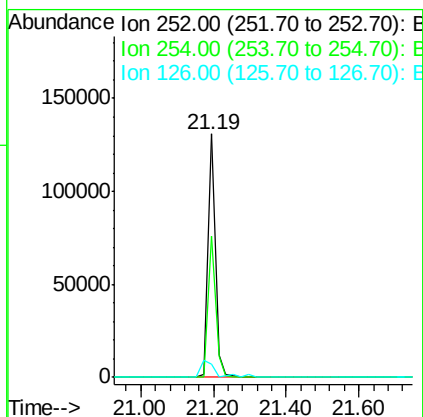
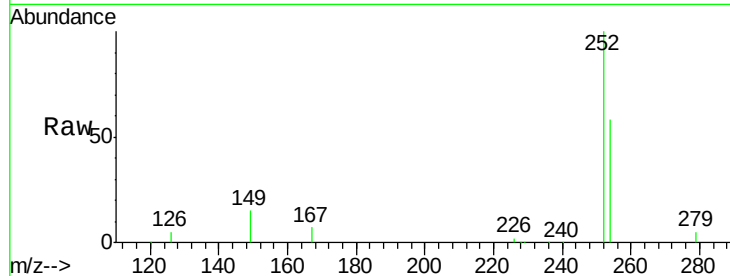




#31
 3,3'-Dichlorobenzidine
 Concen: 16.94 ng
 RT: 21.19 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

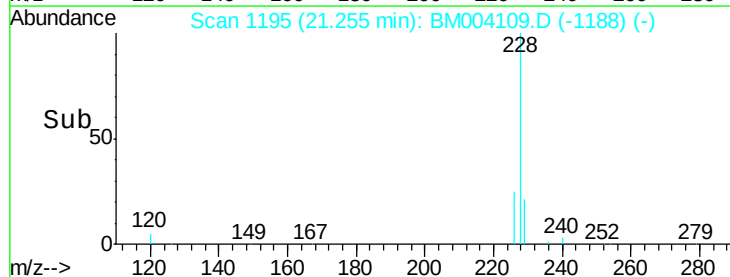
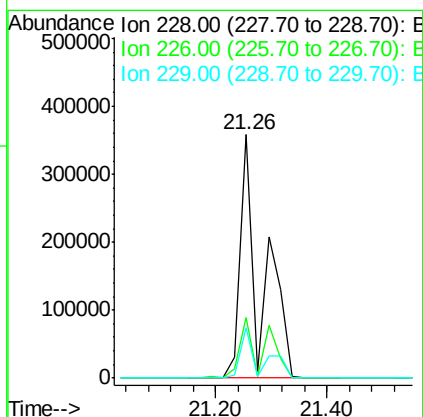
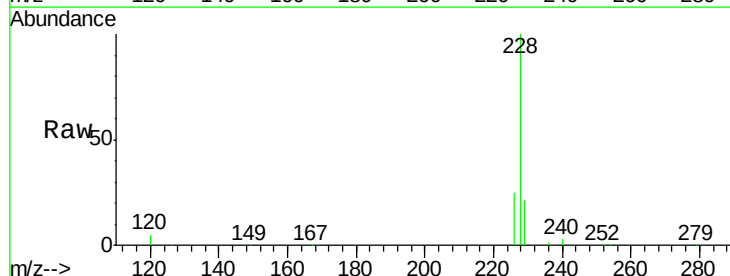
Instrument :
 BNA_M
 ClientSampleId :

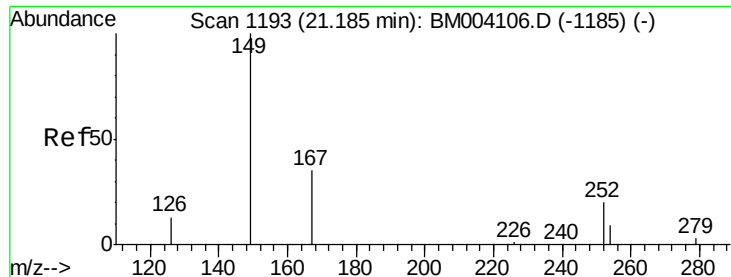
Tot Ion:252 Resp: 183315
 Ion Ratio Lower Upper
 252 100
 254 58.0 52.6 79.0
 126 5.5 3.7 5.5



#32
 Chrysene
 Concen: 18.93 ng
 RT: 21.26 min Scan# 1195
 Delta R.T. -0.05 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

Tgt Ion:228 Resp: 917641
 Ion Ratio Lower Upper
 228 100
 226 25.0 25.3 37.9#
 229 20.9 14.5 21.7

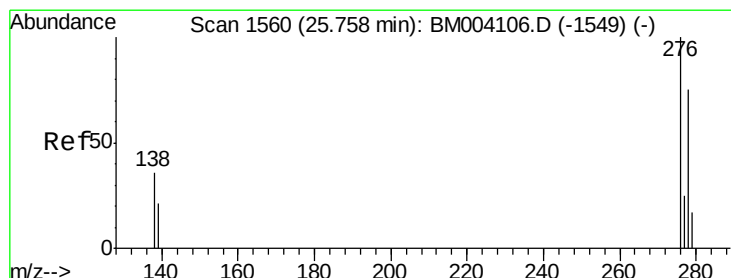
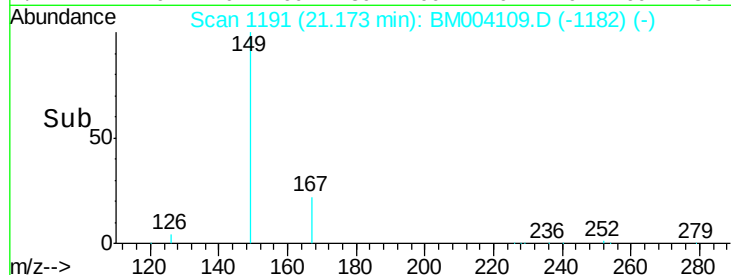
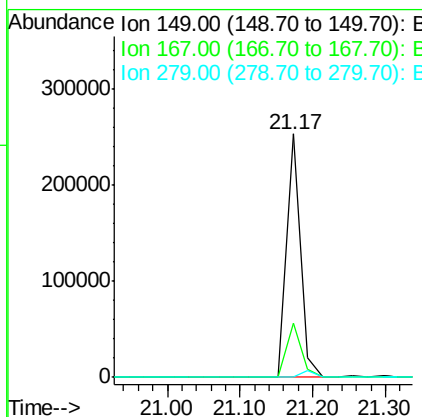
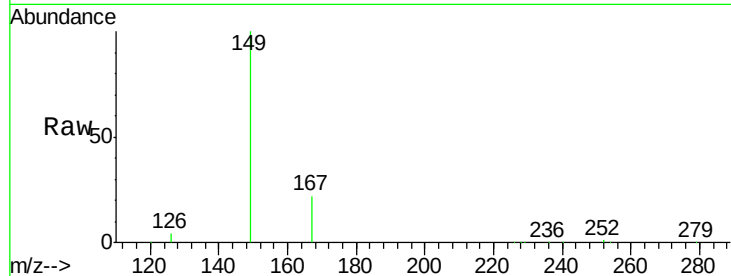




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 17.97 ng
 RT: 21.17 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

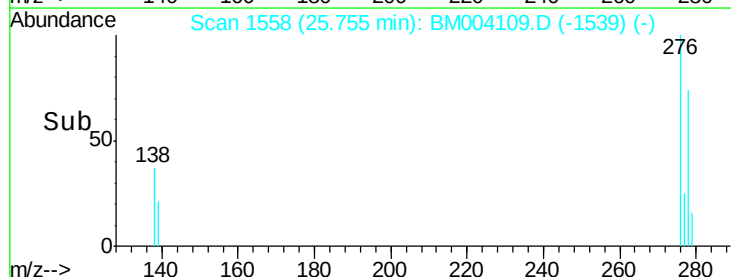
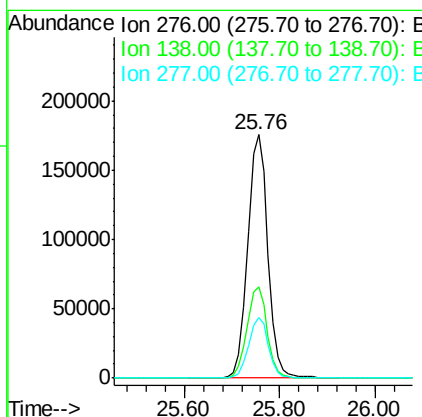
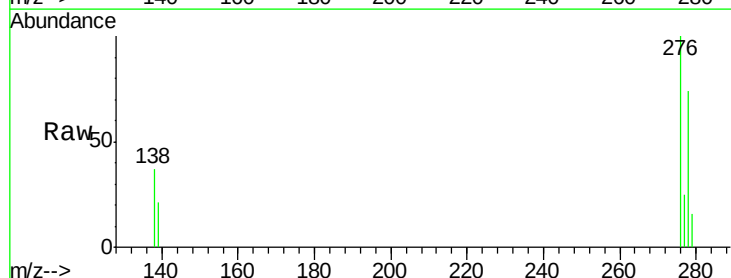
Instrument :
 BNA_M
 ClientSampleId :

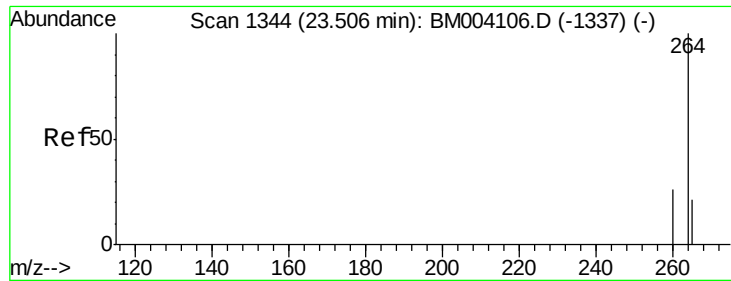
Tot Ion:149 Resp: 338145
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.1 30.1
 279 0.0 1.8 2.6#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 10.16 ng
 RT: 25.76 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

Tgt Ion:276 Resp: 516007
 Ion Ratio Lower Upper
 276 100
 138 37.4 30.2 45.2
 277 24.8 19.8 29.8

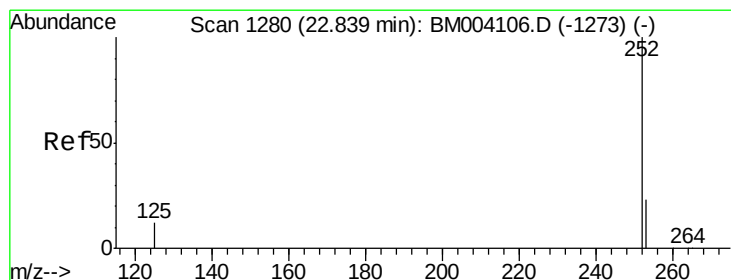
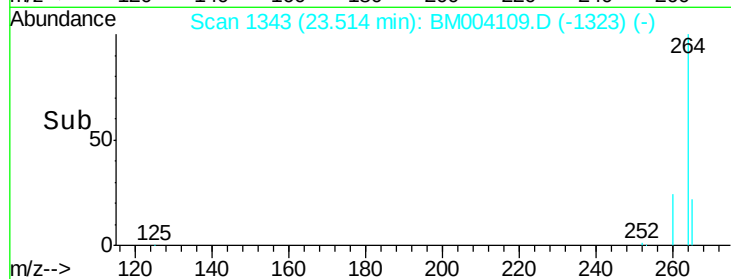
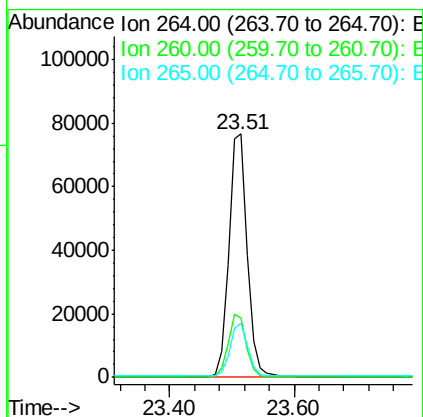
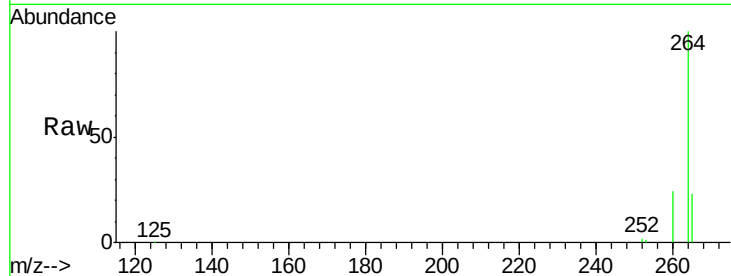




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

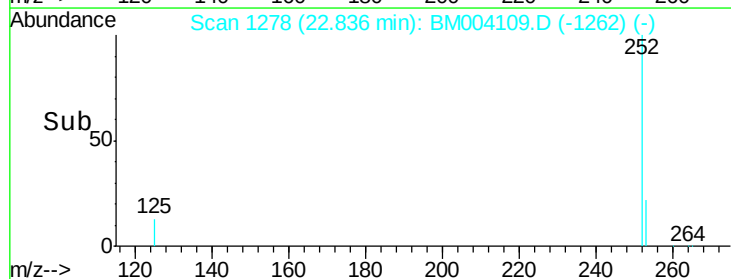
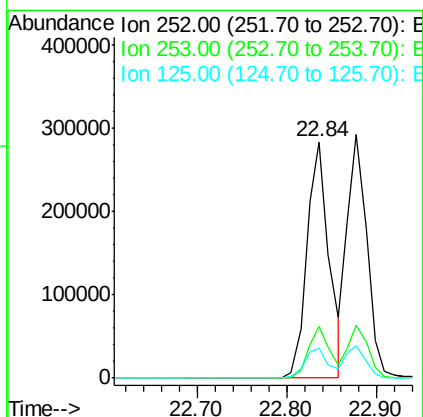
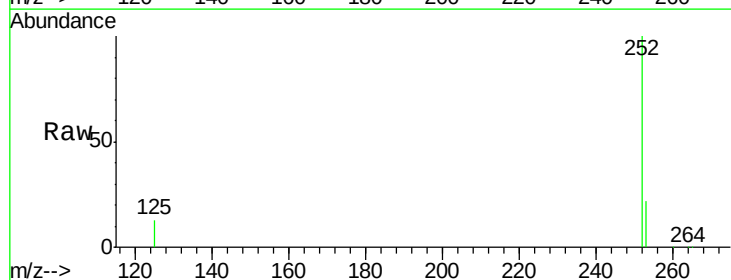
Instrument :
 BNA_M
 ClientSampleId :

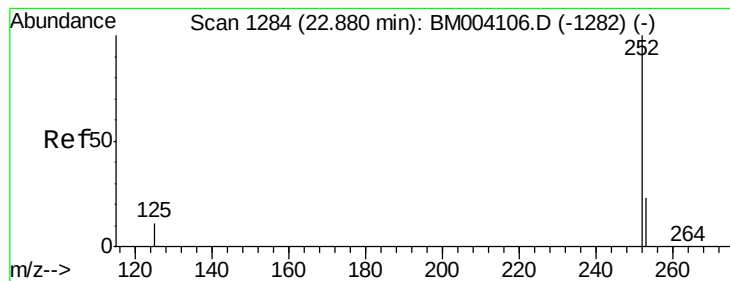
Tot Ion:264 Resp: 158330
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.2 31.8
 265 22.5 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 10.70 ng
 RT: 22.84 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BM004109.D
 Acq: 22 Jan 2016 14:03

Tgt Ion:252 Resp: 520971
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.8 28.2
 125 12.7 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 10.14 ng

RT: 22.88 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :

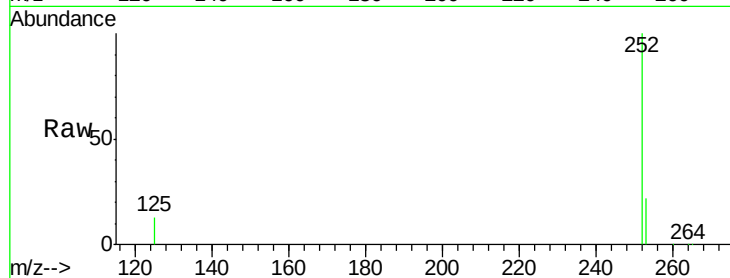
Tot Ion:252 Resp: 449839

Ion Ratio Lower Upper

252 100

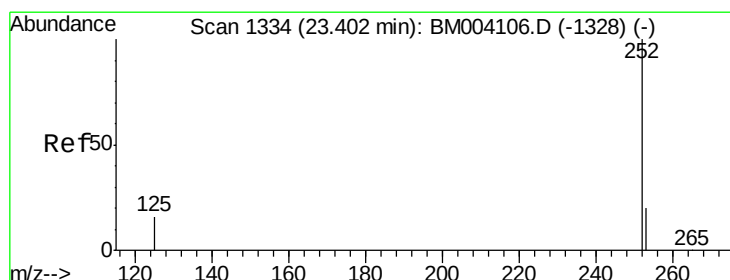
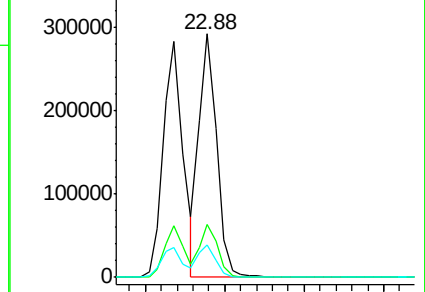
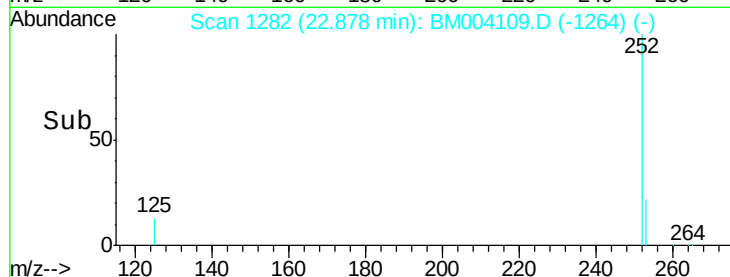
253 21.6 18.3 27.5

125 13.2 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

22.88



#38

Benzo(a)pyrene

Concen: 10.72 ng

RT: 23.41 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

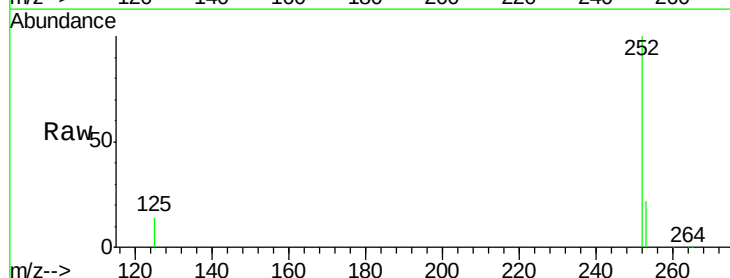
Tgt Ion:252 Resp: 459551

Ion Ratio Lower Upper

252 100

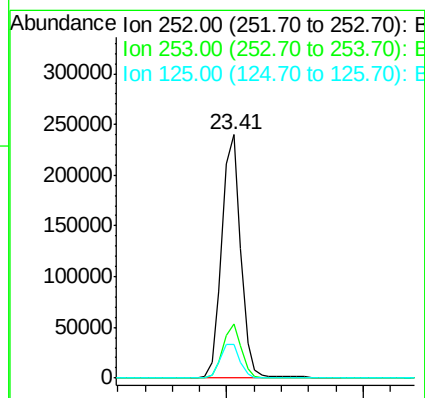
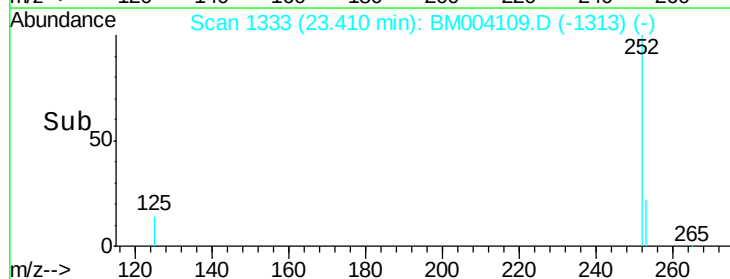
253 22.4 18.7 28.1

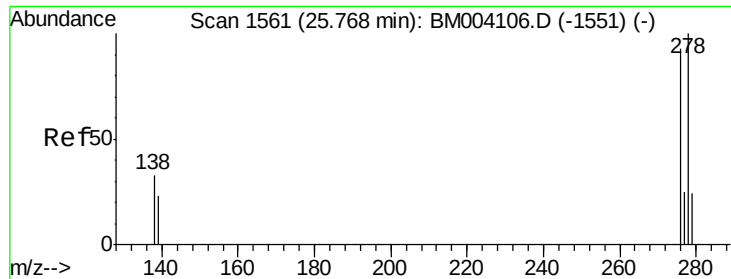
125 13.9 11.8 17.8



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

23.41





#39

Dibenzo(a,h)anthracene

Concen: 10.75 ng

RT: 25.77 min Scan# 1559

Delta R.T. -0.00 min

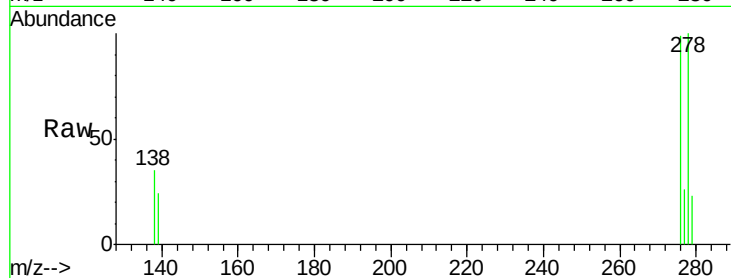
Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Instrument :

BNA_M

ClientSampleId :



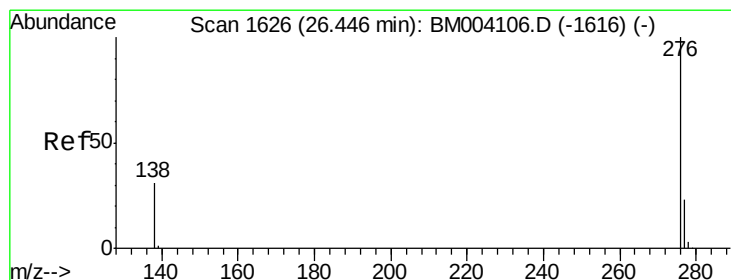
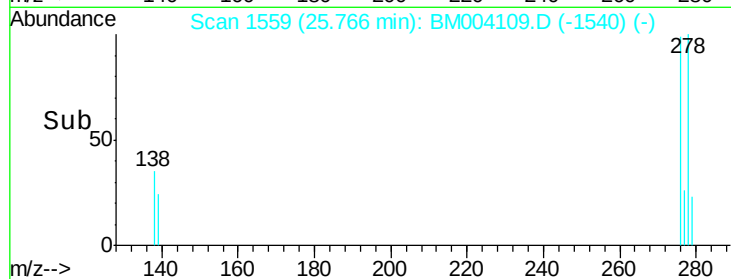
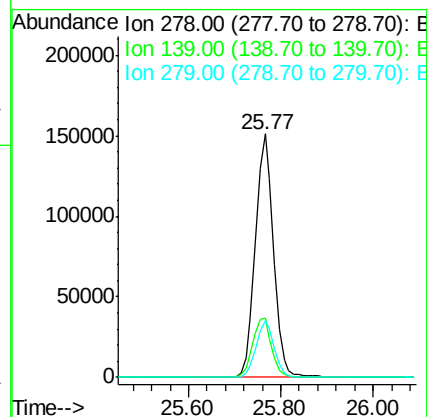
Tot Ion:278 Resp: 413777

Ion Ratio Lower Upper

278 100

139 24.2 19.0 28.6

279 23.2 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 10.33 ng

RT: 26.44 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BM004109.D

Acq: 22 Jan 2016 14:03

Tgt Ion:276 Resp: 436159

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 31.8 25.0 37.4

