

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
 Data File : BM004107.D
 Acq On : 22 Jan 2016 12:51
 Operator : SJ/UM
 Sample : SSTDICC002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 13:36:24 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 13:10:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	23419	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	101169	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	58484	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	159309	5.00	ng	0.00
26) Chrysene-d12	21.27	240	164087	5.00	ng	0.00
35) Perylene-d12	23.51	264	160584	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	9652	2.01	ng	-0.02
5) Phenol-d6	6.85	99	11907	2.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	9098	1.83	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	3506	2.59	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	35364	1.88	ng	0.00
29) Terphenyl-d14	19.71	244	43107	1.62	ng	0.00

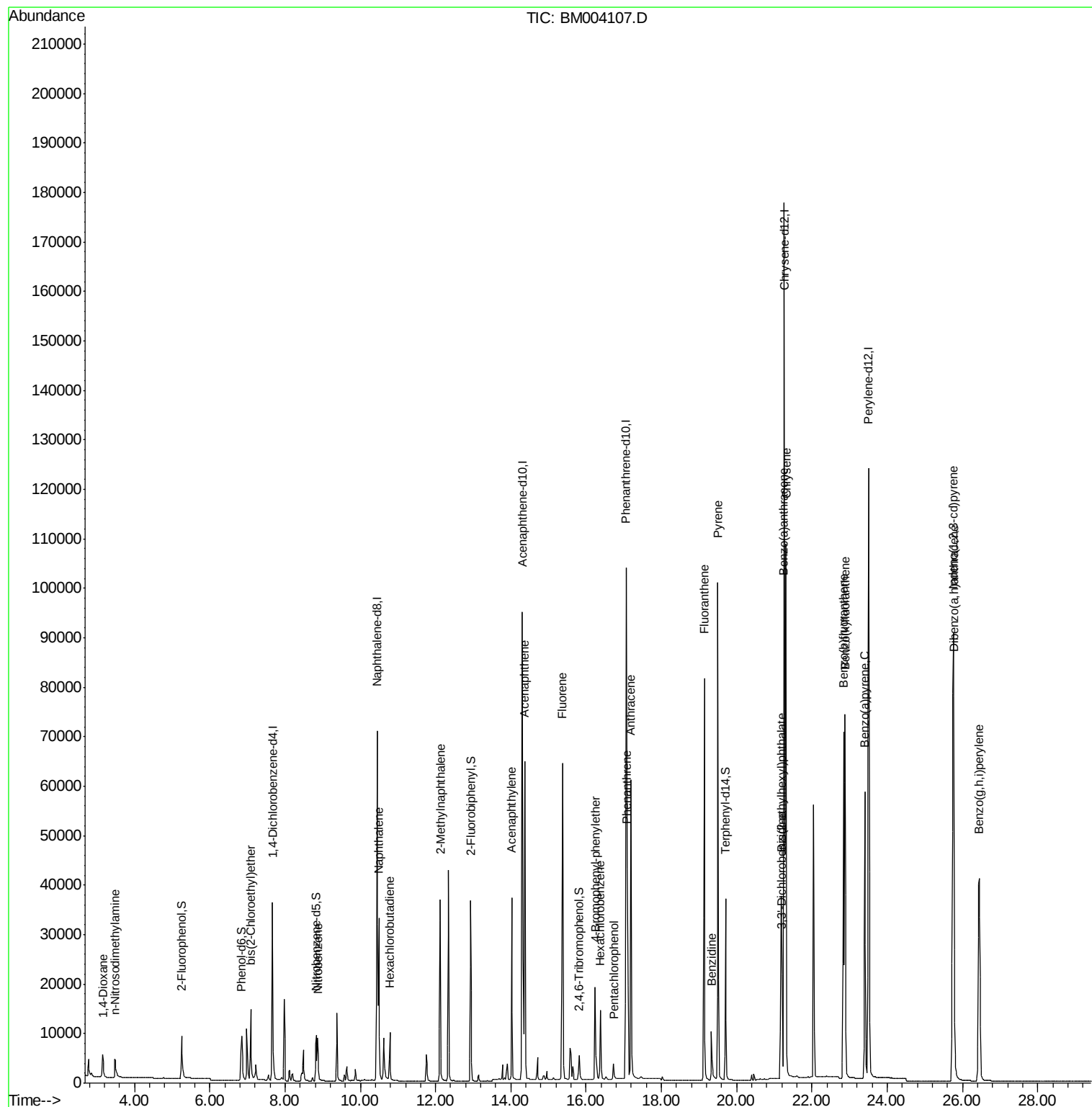
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	4314	1.91	ng	96
3) n-Nitrosodimethylamine	3.48	42	4247	1.75	ng	96
6) bis(2-Chloroethyl)ether	7.09	93	11113	2.07	ng	98
9) Nitrobenzene	8.87	77	10563	1.97	ng	100
10) Naphthalene	10.49	128	45810	2.07	ng	98
11) Hexachlorobutadiene	10.78	225	7055	2.09	ng	99
12) 2-Methylnaphthalene	12.12	142	30429	2.03	ng	99
16) Acenaphthylene	14.02	152	52527	2.15	ng	100
17) Acenaphthene	14.37	154	35853	2.10	ng	96
18) Fluorene	15.37	166	45570	2.25	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	10800	2.19	ng	# 70
21) Hexachlorobenzene	16.37	284	11264	2.15	ng	# 64
22) Pentachlorophenol	16.73	266	2924	2.12	ng	# 84
23) Phenanthrene	17.09	178	67187	2.03	ng	98
24) Anthracene	17.19	178	76903	2.40	ng	99
25) Fluoranthene	19.14	202	86312	2.43	ng	100
27) Benzidine	19.33	184	18233	1.33	ng	97
28) Pyrene	19.50	202	95062	1.61	ng	99
30) Benzo(a)anthracene	21.25	228	101087	2.17	ng	# 83
31) 3,3'-Dichlorobenzidine	21.21	252	22780	1.92	ng	# 88
32) Chrysene	21.31	228	92792	1.92	ng	93
33) Bis(2-ethylhexyl)phthalate	21.19	149	35334	1.71	ng	93
34) Indeno(1,2,3-cd)pyrene	25.76	276	97755	2.82	ng	100
36) Benzo(b)fluoranthene	22.84	252	100339	2.04	ng	99
37) Benzo(k)fluoranthene	22.88	252	86362	1.82	ng	99
38) Benzo(a)pyrene	23.40	252	86601	2.07	ng	96
39) Dibenzo(a,h)anthracene	25.77	278	78122	2.19	ng	98
40) Benzo(g,h,i)perylene	26.45	276	83132	2.20	ng	99

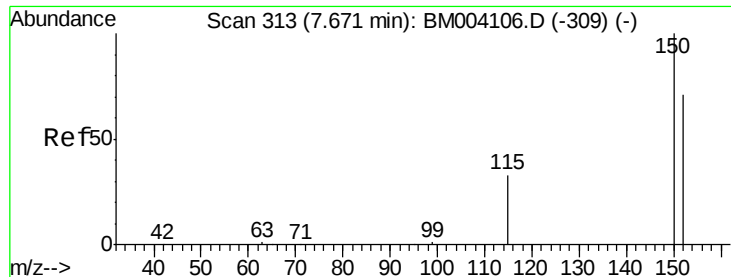
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

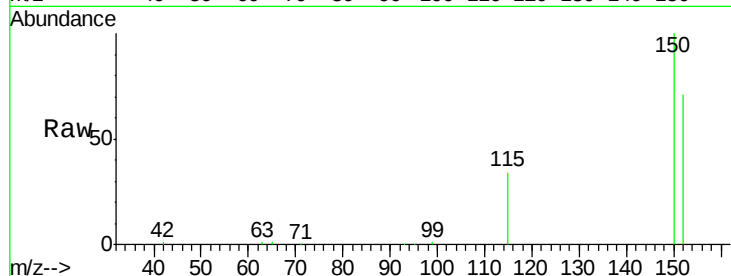
Tot Ion:152 Resp: 23419

Ion Ratio Lower Upper

152 100

150 140.1 122.9 184.3

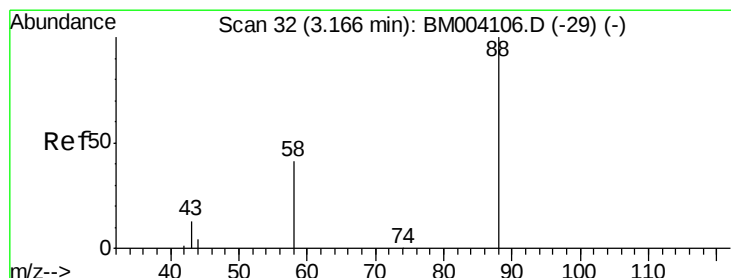
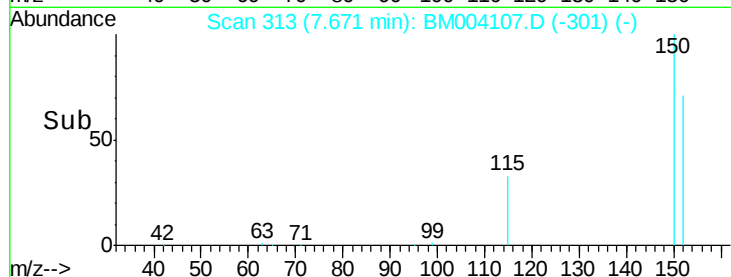
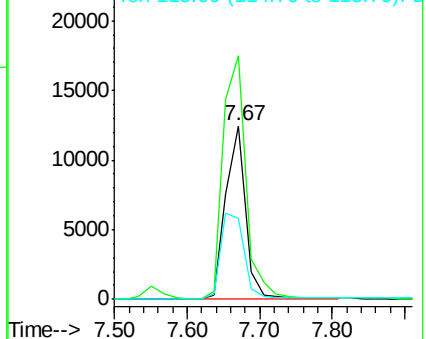
115 47.0 44.4 66.6



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: 1.91 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

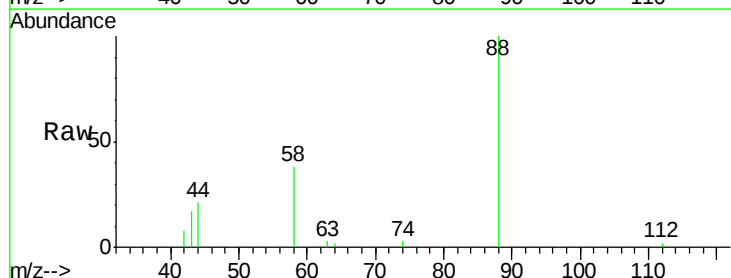
Tgt Ion: 88 Resp: 4314

Ion Ratio Lower Upper

88 100

58 71.7 53.8 80.6

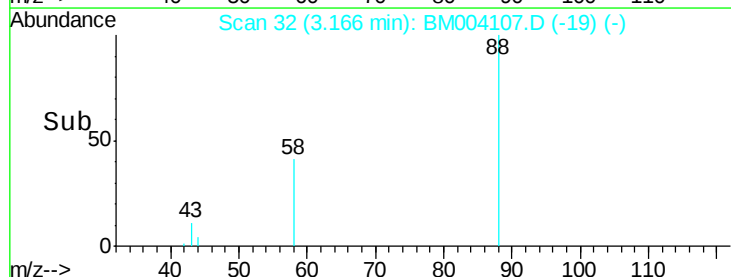
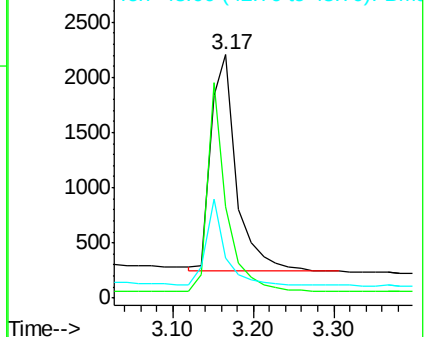
43 30.7 23.8 35.6

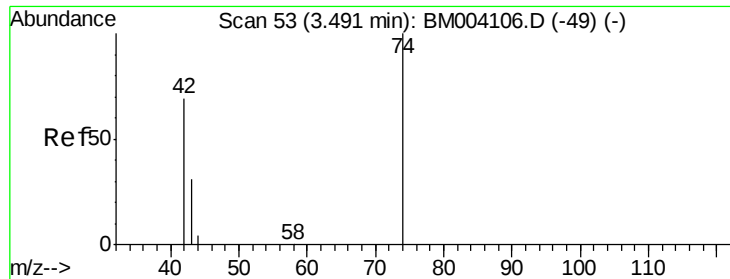


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



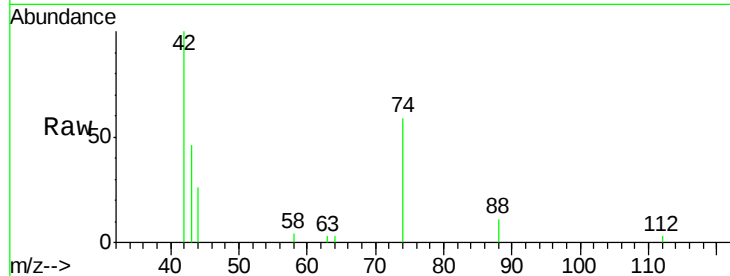


#3

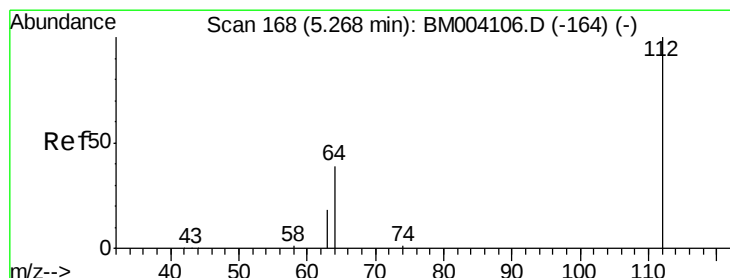
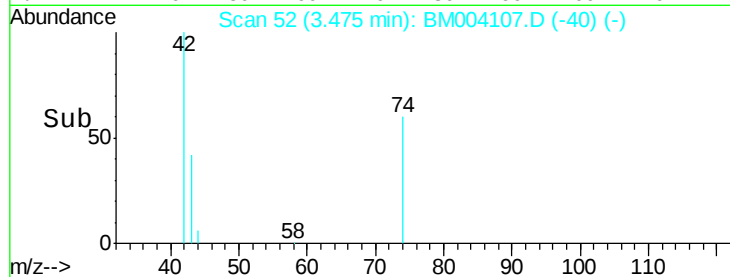
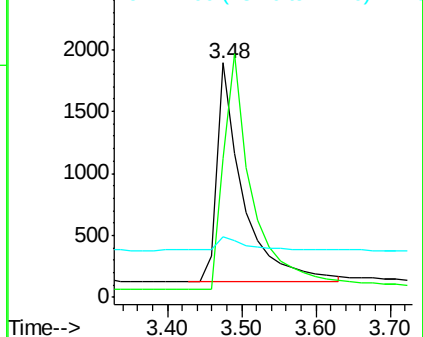
n-Nitrosodimethylamine
 Concen: 1.75 ng
 RT: 3.48 min Scan# 52
 Delta R.T. -0.02 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 42 Resp: 4247
 Ion Ratio Lower Upper
 42 100
 74 122.9 95.0 142.4
 44 6.9 5.1 7.7



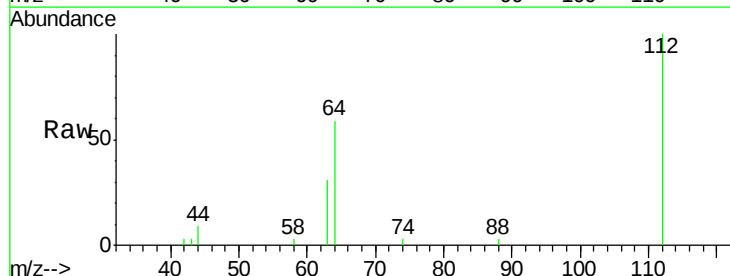
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



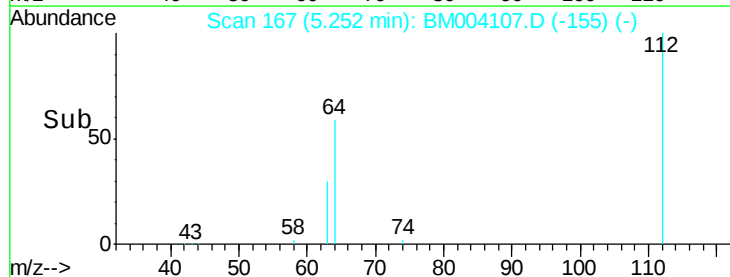
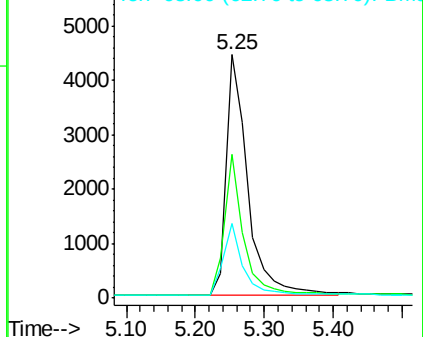
#4

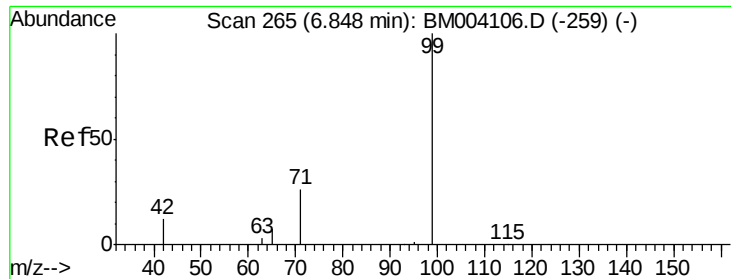
2-Fluorophenol
 Concen: 2.01 ng
 RT: 5.25 min Scan# 167
 Delta R.T. -0.02 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

Tgt Ion: 112 Resp: 9652
 Ion Ratio Lower Upper
 112 100
 64 52.3 41.8 62.8
 63 27.5 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: 2.03 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

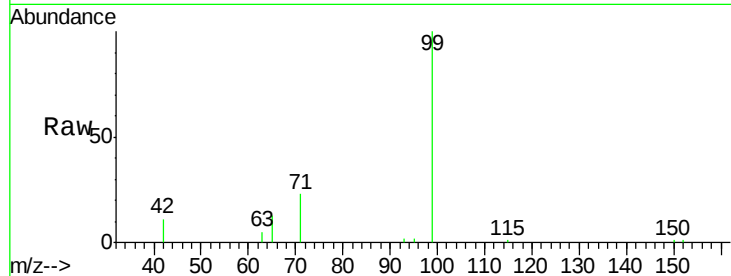
Tot Ion: 99 Resp: 11907

Ion Ratio Lower Upper

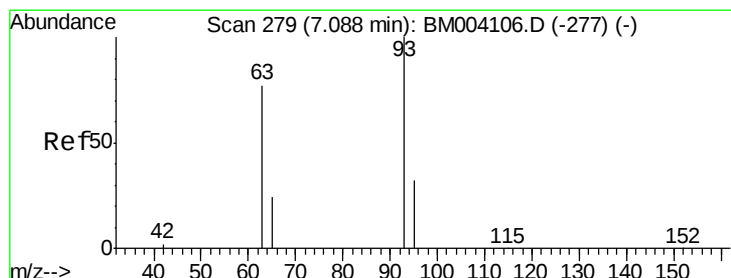
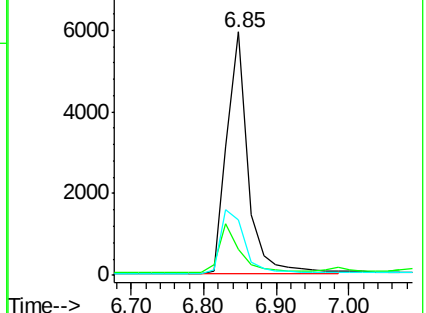
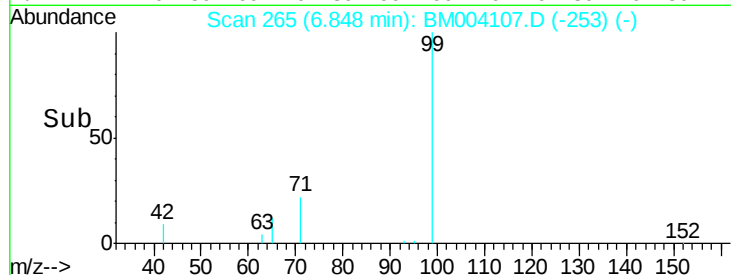
99 100

42 19.2 16.2 24.2

71 30.7 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004107.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 2.07 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

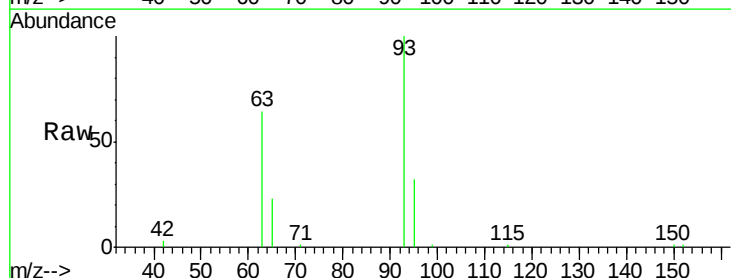
Tgt Ion: 93 Resp: 11113

Ion Ratio Lower Upper

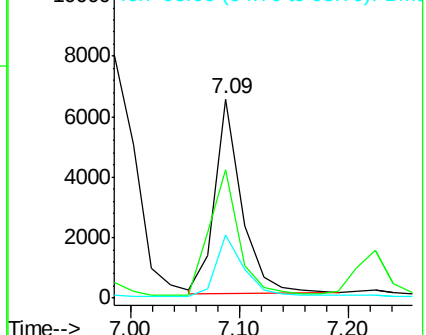
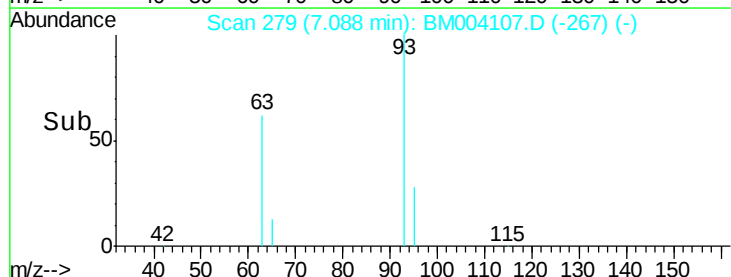
93 100

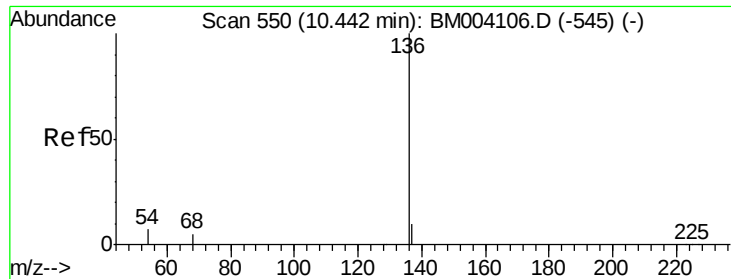
63 71.9 58.3 87.5

95 33.8 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BM004107.D (-267) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 101169

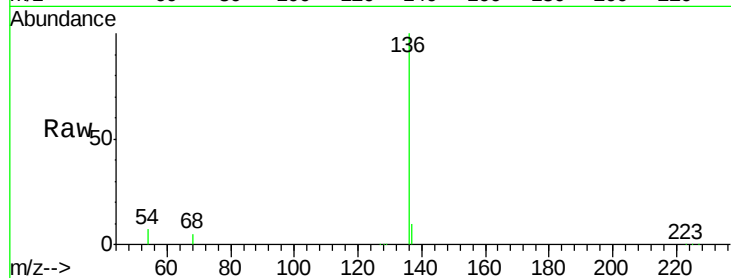
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.0 2.8 4.2#

68 5.3 2.5 3.7#

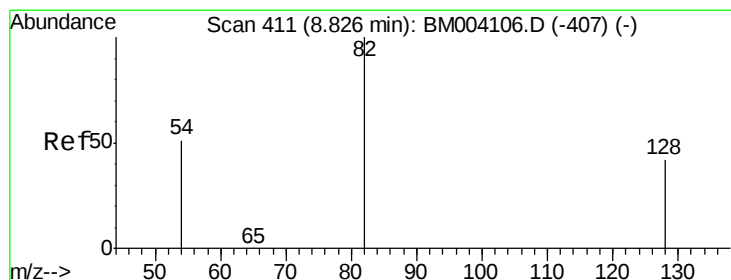
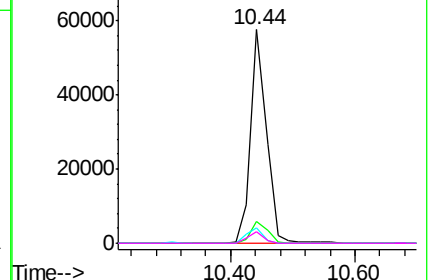
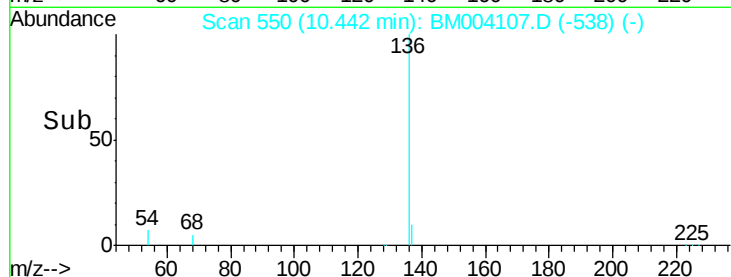


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.83 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

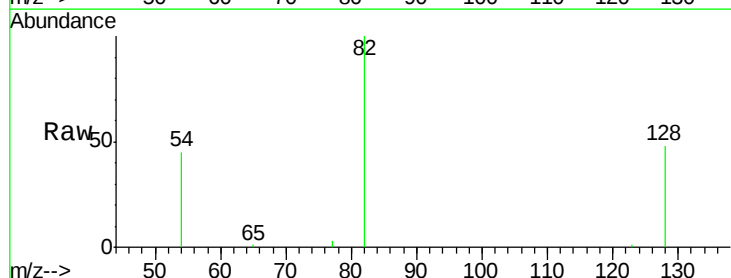
Tgt Ion: 82 Resp: 9098

Ion Ratio Lower Upper

82 100

128 47.6 39.1 58.7

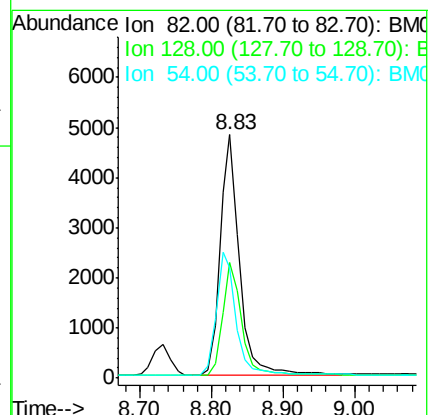
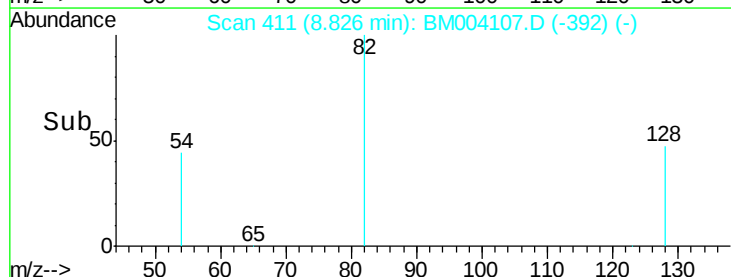
54 45.2 34.8 52.2

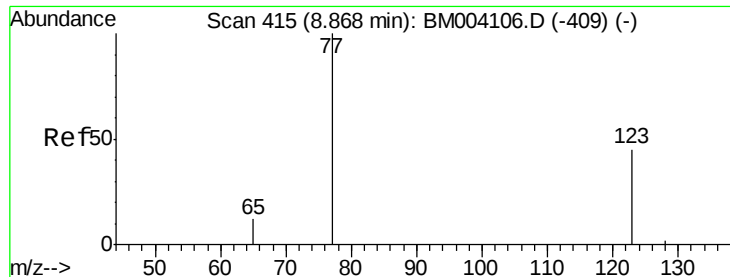


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 1.97 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

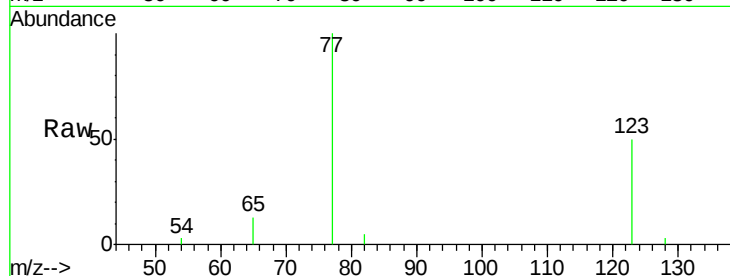
Tot Ion: 77 Resp: 10563

Ion Ratio Lower Upper

77 100

123 48.2 38.6 57.8

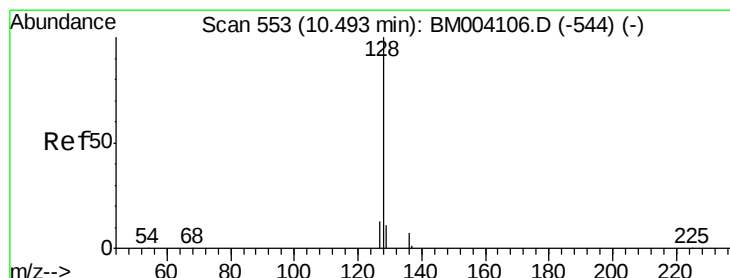
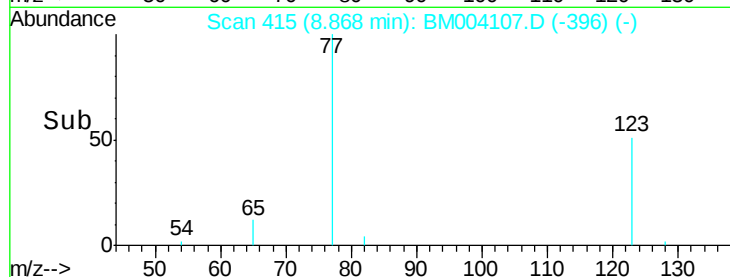
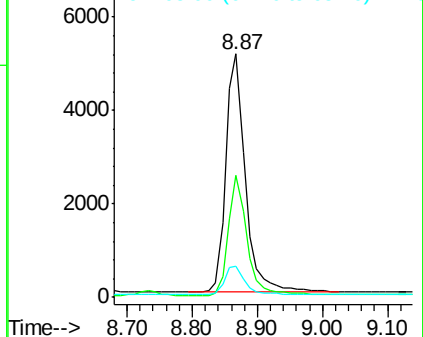
65 12.4 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004107.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM004107.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM004107.D (-396) (-)



#10

Naphthalene

Concen: 2.07 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

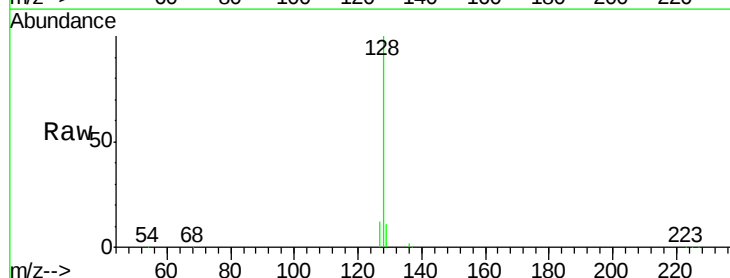
Tgt Ion: 128 Resp: 45810

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

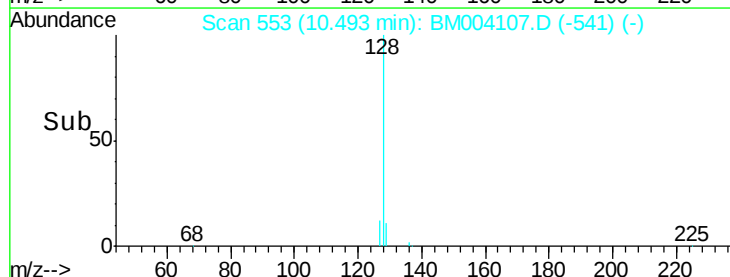
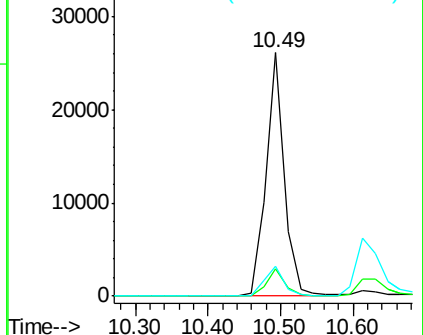
127 12.4 11.0 16.4

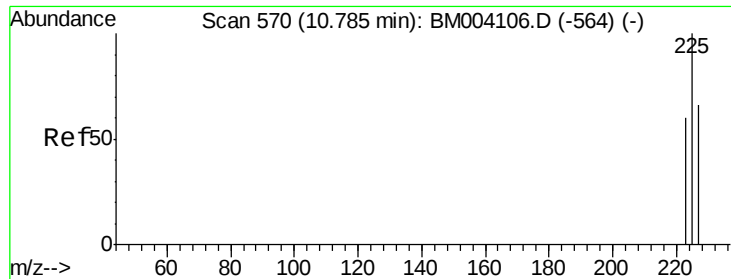


Abundance Ion 128.00 (127.70 to 128.70): BM004107.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004107.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004107.D (-541) (-)

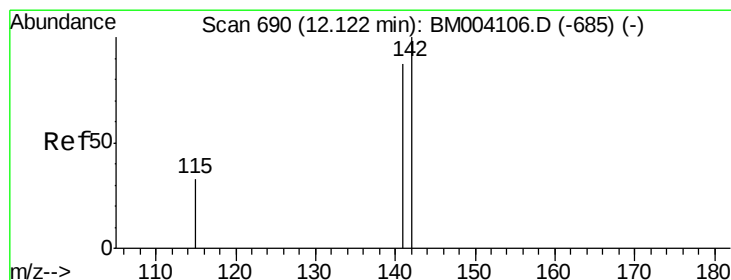
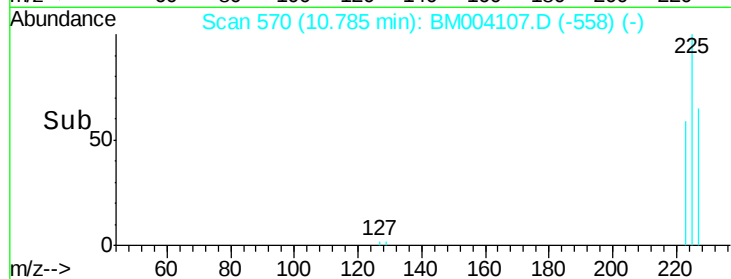
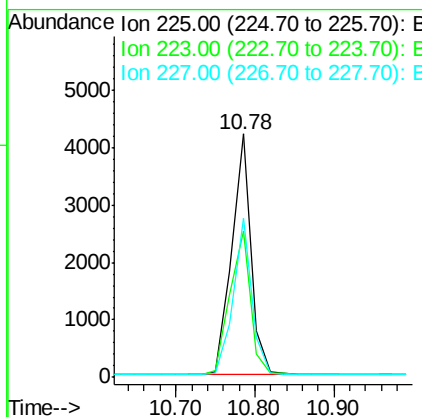
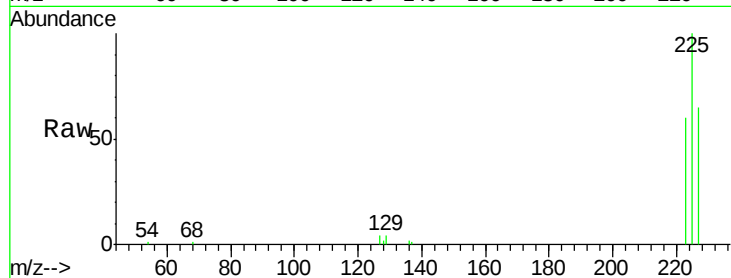




#11
Hexachlorobutadiene
Concen: 2.09 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

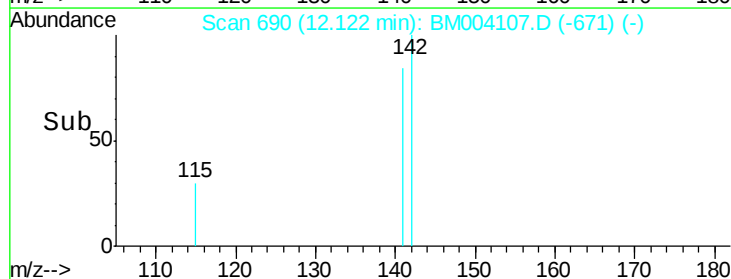
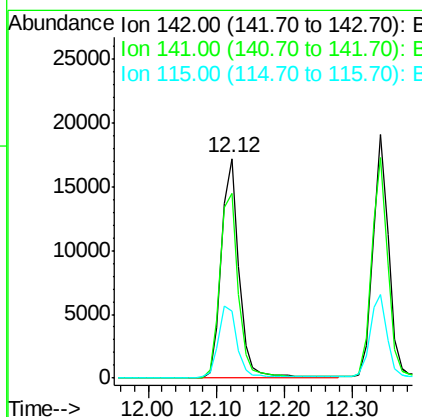
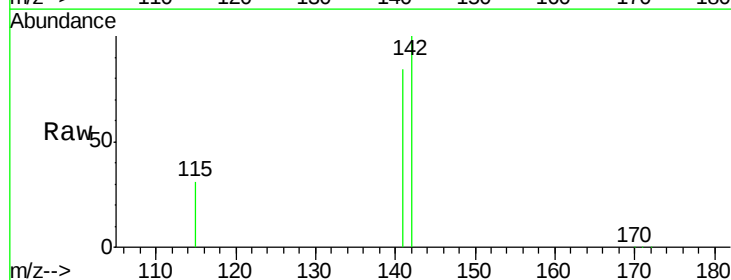
Instrument :
BNA_M
ClientSampled :

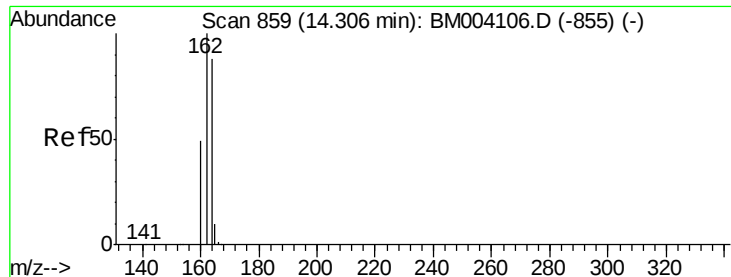
Tot Ion:225 Resp: 7055
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.0 51.2 76.8



#12
2-Methylnaphthalene
Concen: 2.03 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

Tgt Ion:142 Resp: 30429
Ion Ratio Lower Upper
142 100
141 84.3 67.8 101.8
115 30.6 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: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampled :

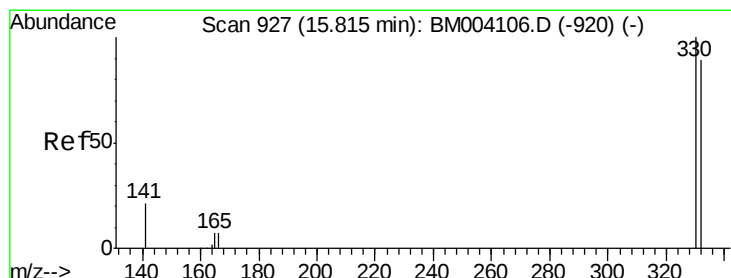
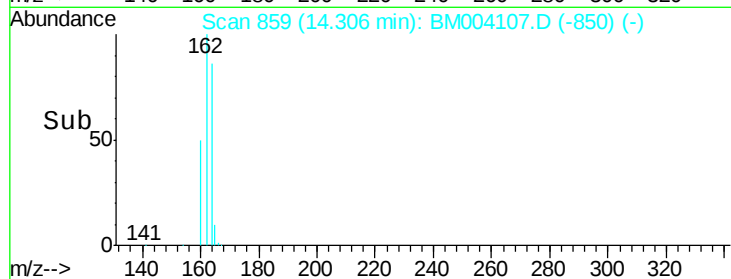
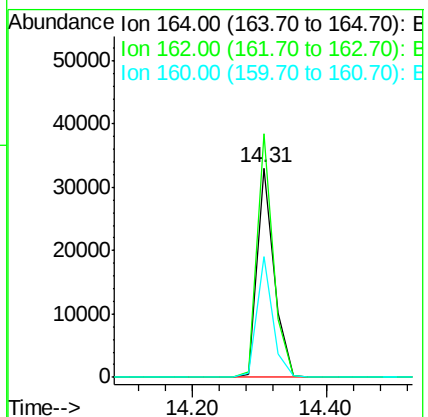
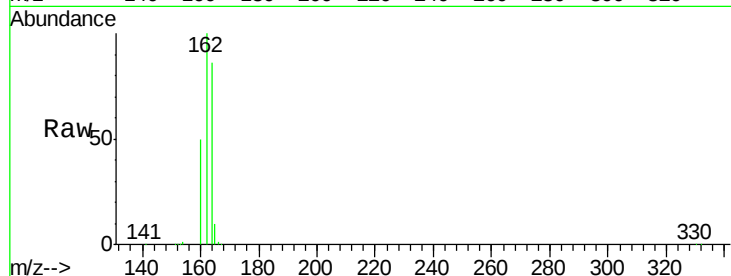
Tot Ion:164 Resp: 58484

Ion Ratio Lower Upper

164 100

162 116.3 86.0 129.0

160 57.7 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 2.59 ng

RT: 15.82 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

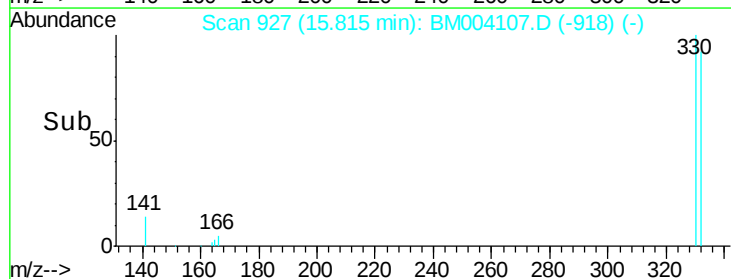
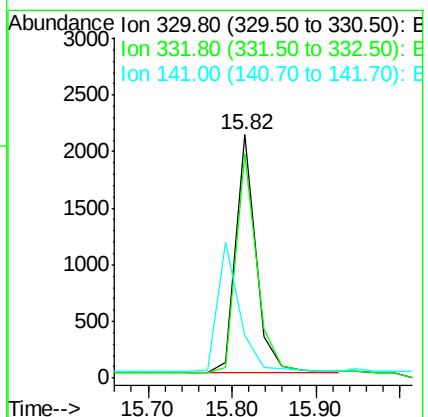
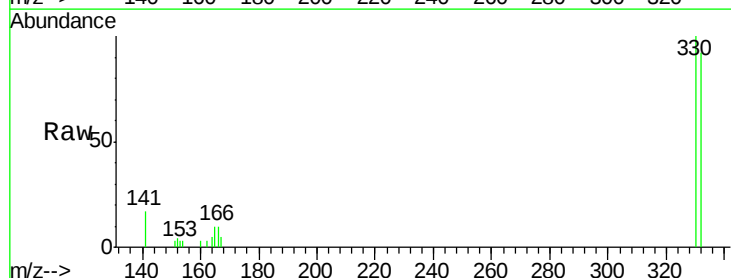
Tgt Ion:330 Resp: 3506

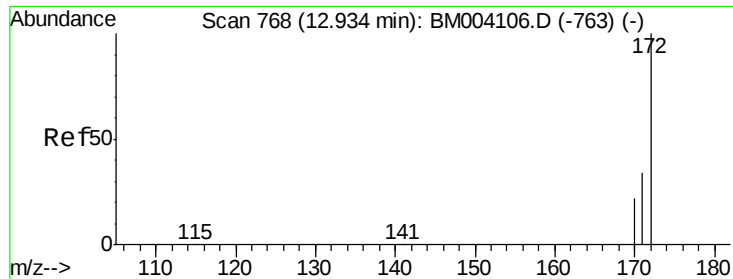
Ion Ratio Lower Upper

330 100

332 94.8 79.0 118.4

141 0.0 27.8 41.6#

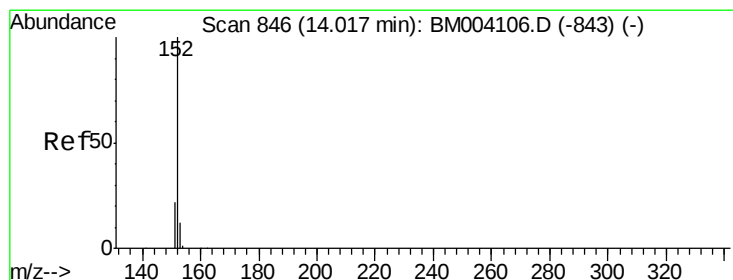
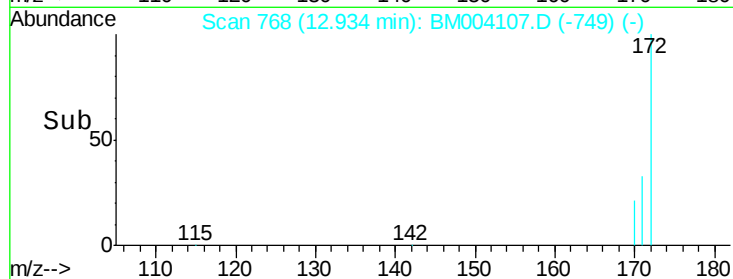
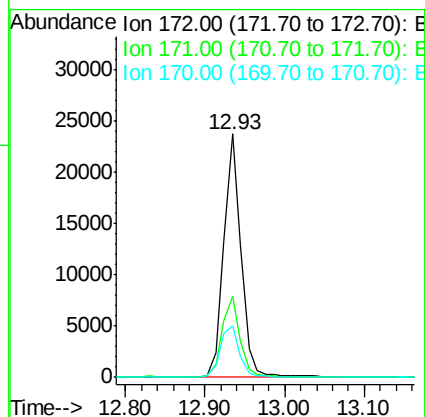
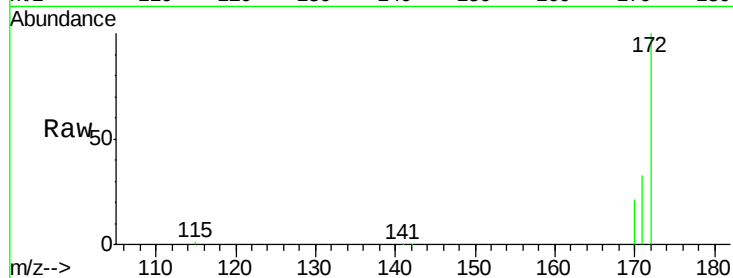




#15
2-Fluorobiphenyl
Concen: 1.88 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

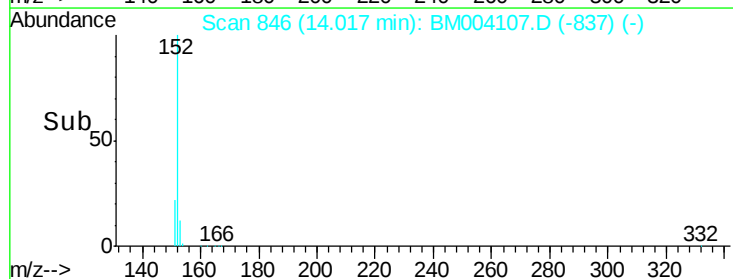
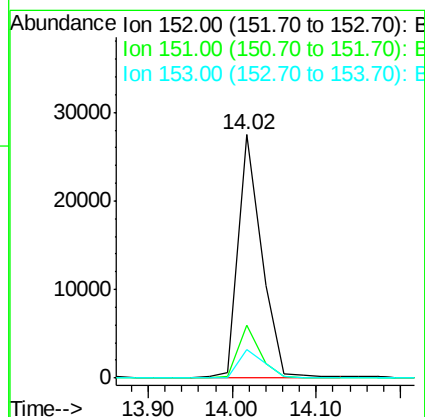
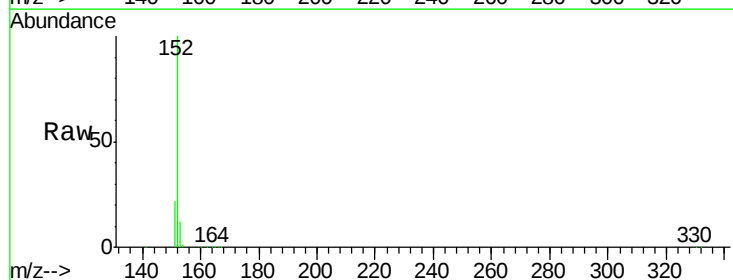
Instrument :
BNA_M
ClientSampleId :

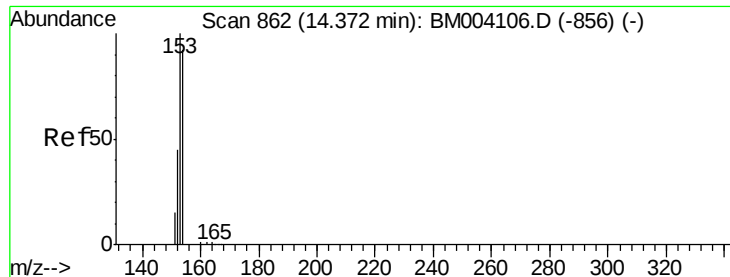
Tot Ion:172 Resp: 35364
Ion Ratio Lower Upper
172 100
171 33.4 27.0 40.6
170 21.3 17.9 26.9



#16
Acenaphthylene
Concen: 2.15 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

Tgt Ion:152 Resp: 52527
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.8 10.2 15.4

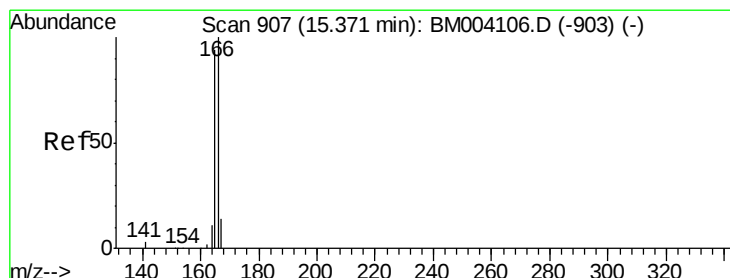
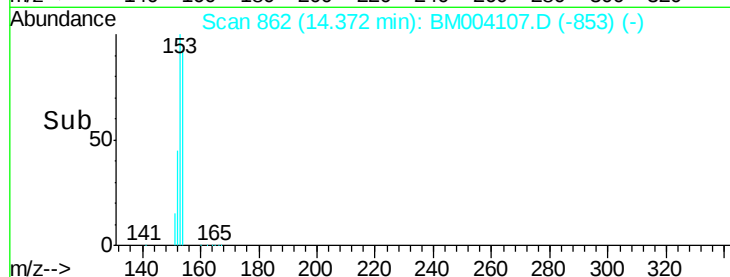
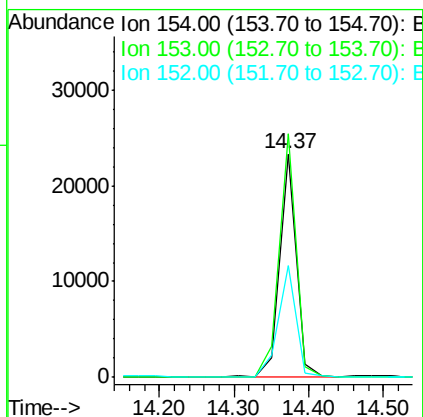
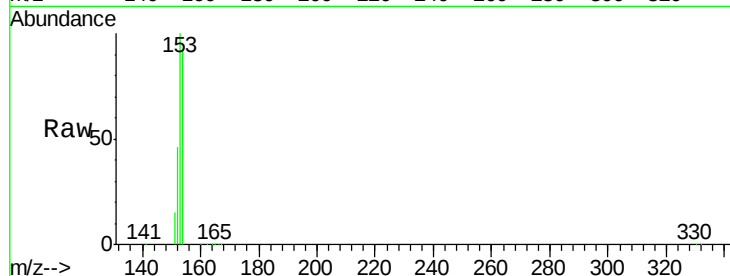




#17
Acenaphthene
Concen: 2.10 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

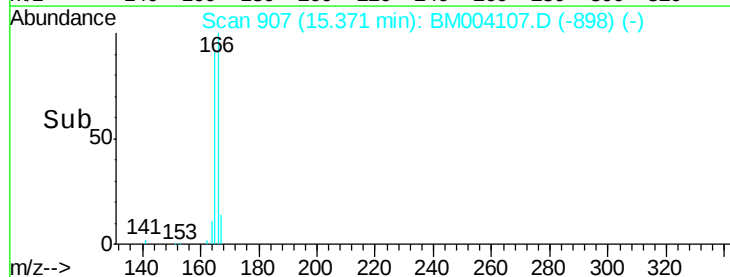
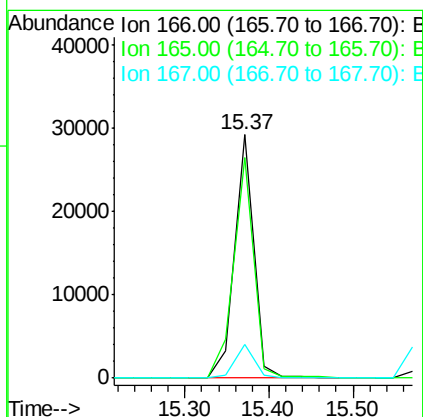
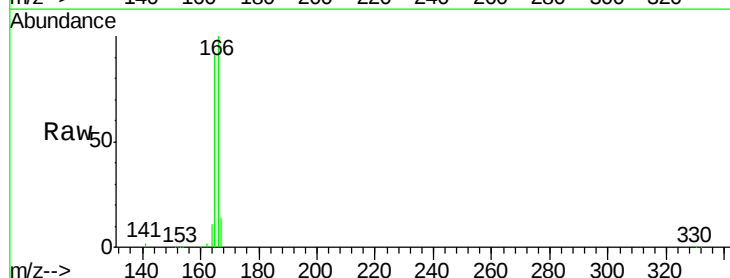
Instrument :
BNA_M
ClientSampleId :

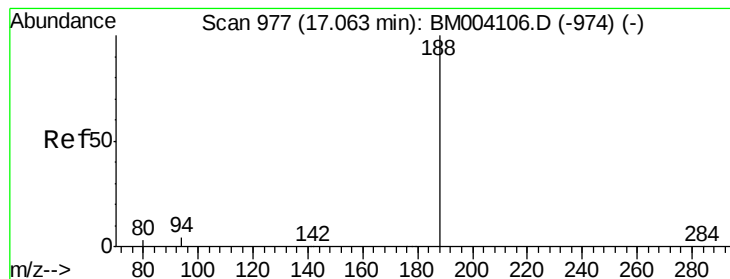
Tot Ion:154 Resp: 35853
Ion Ratio Lower Upper
154 100
153 110.8 85.4 128.2
152 53.0 40.6 60.8



#18
Fluorene
Concen: 2.25 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

Tgt Ion:166 Resp: 45570
Ion Ratio Lower Upper
166 100
165 95.0 77.2 115.8
167 13.5 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

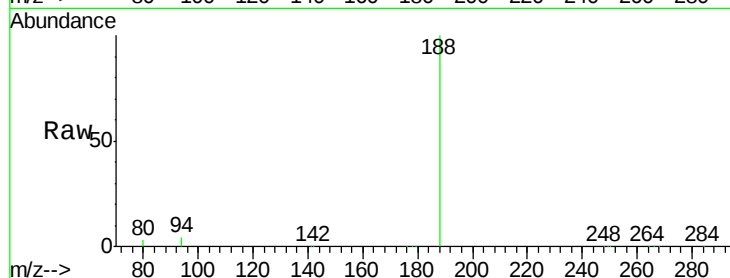
Tot Ion:188 Resp: 159309

Ion Ratio Lower Upper

188 100

94 3.9 20.3 30.5#

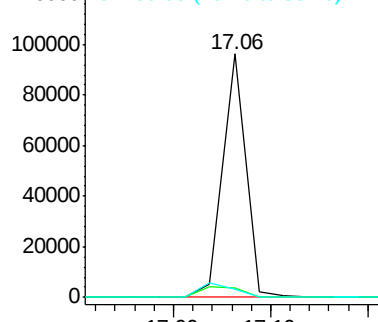
80 3.2 22.2 33.4#



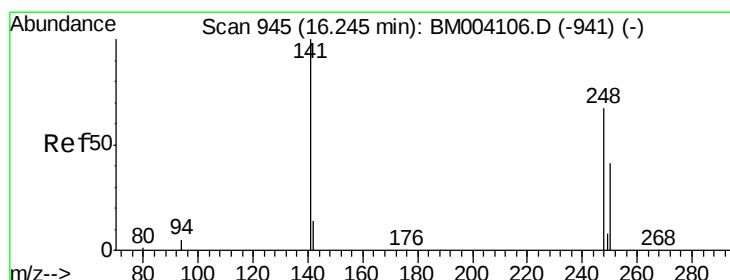
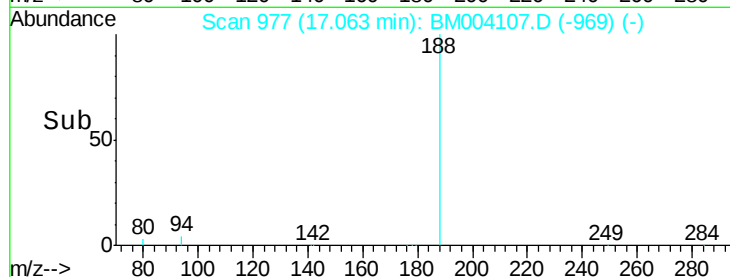
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 2.19 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

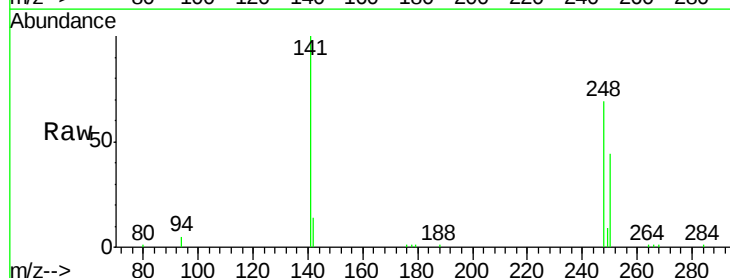
Tgt Ion:248 Resp: 10800

Ion Ratio Lower Upper

248 100

250 87.6 75.0 112.4

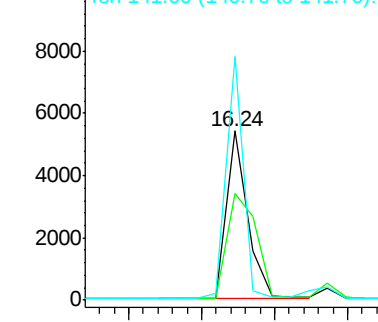
141 117.7 53.0 79.4#



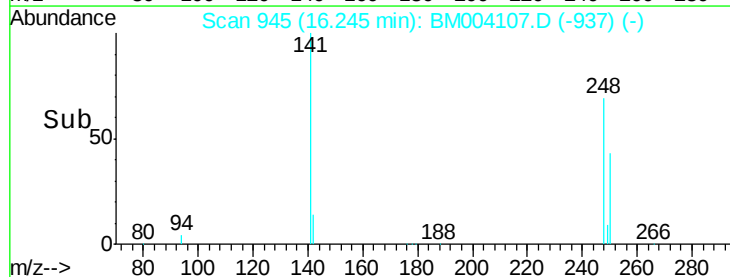
Abundance Ion 248.00 (247.70 to 248.70): E

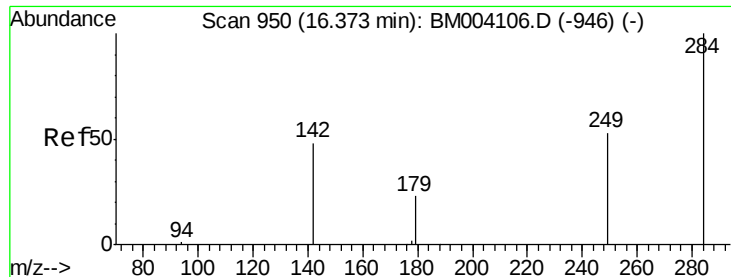
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

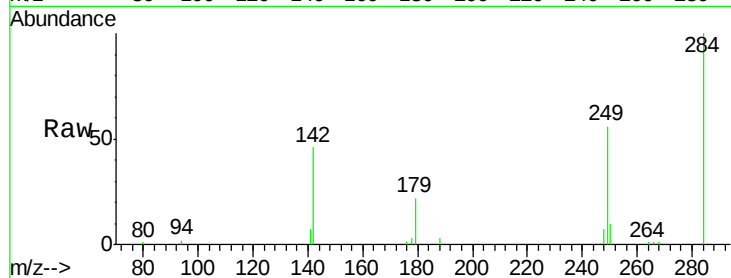




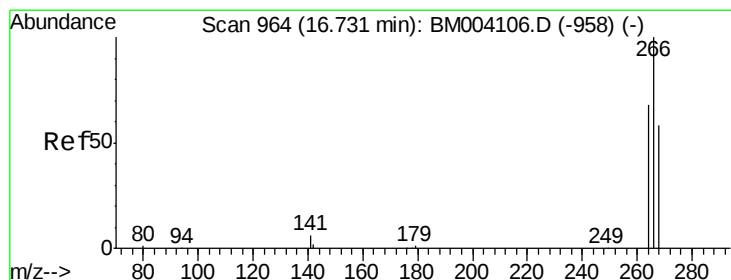
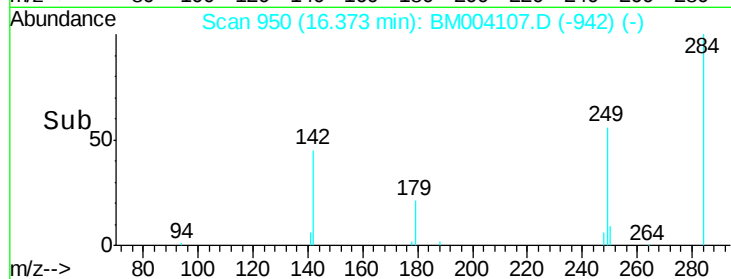
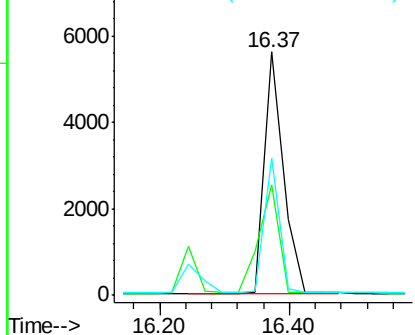
#21
Hexachlorobenzene
Concen: 2.15 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 11264
Ion Ratio Lower Upper
284 100
142 47.6 22.2 33.4#
249 44.5 21.5 32.3#

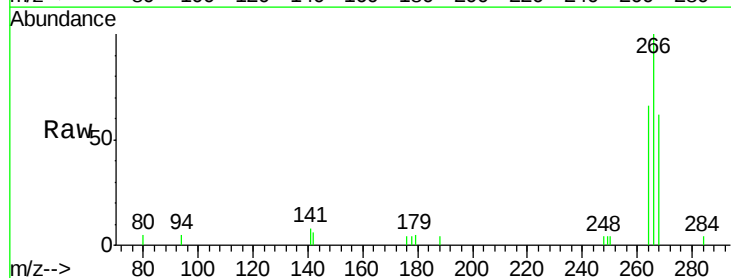


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

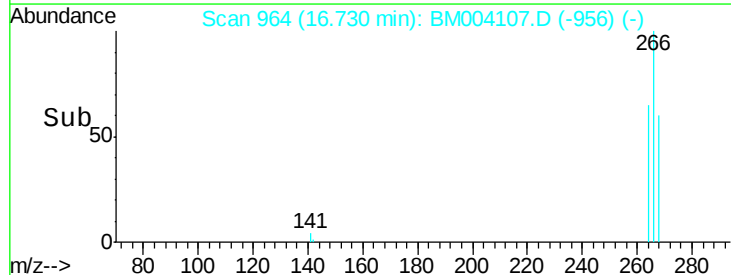
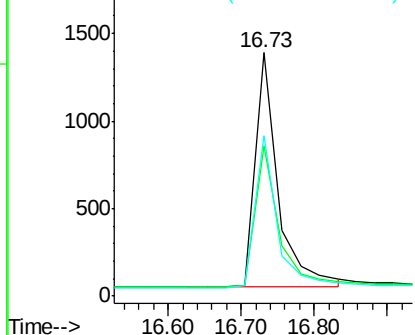


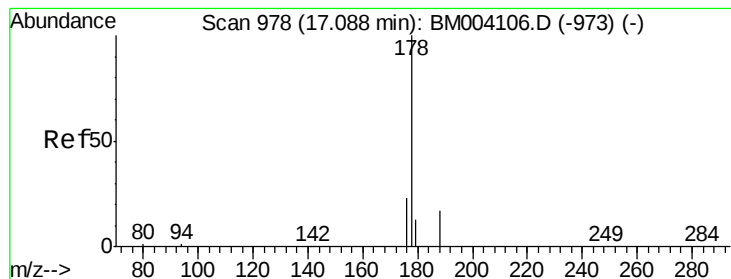
#22
Pentachlorophenol
Concen: 2.12 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

Tgt Ion:266 Resp: 2924
Ion Ratio Lower Upper
266 100
268 61.8 62.7 94.1#
264 66.1 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: 2.03 ng

RT: 17.09 min Scan# 978

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

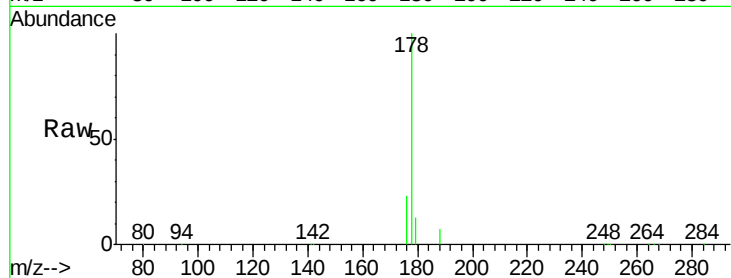
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 67187

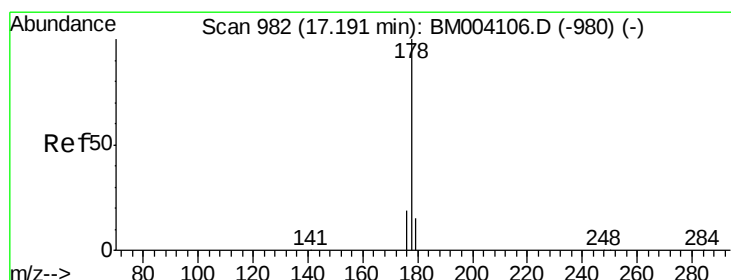
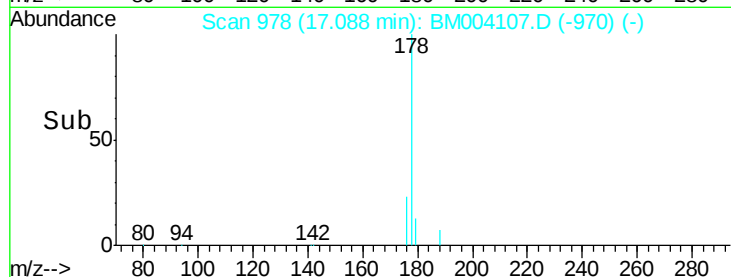
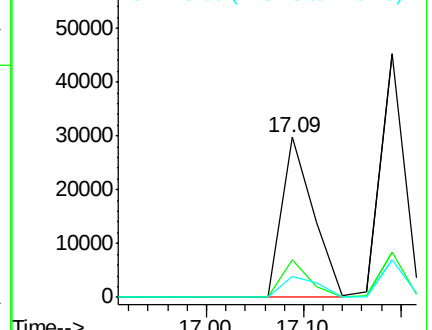
Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	15.0	12.2	18.4



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: 2.40 ng

RT: 17.19 min Scan# 982

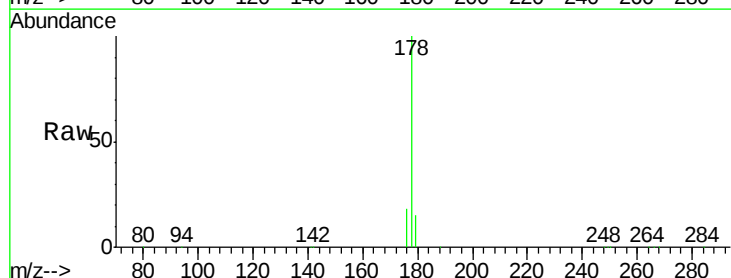
Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Tgt Ion:178 Resp: 76903

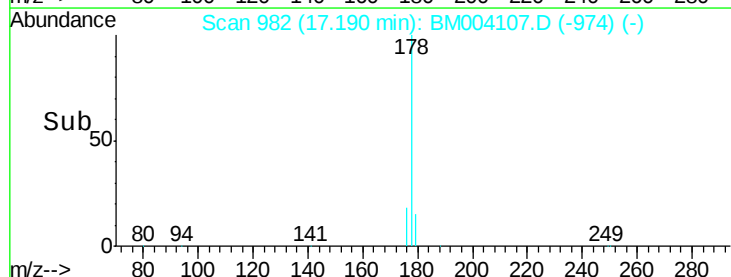
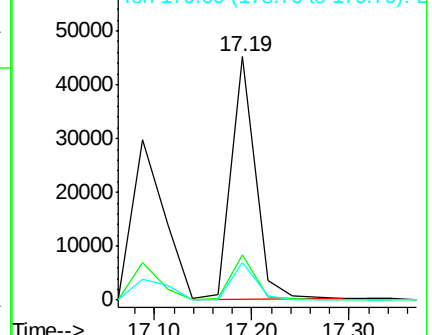
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.2	12.6	19.0

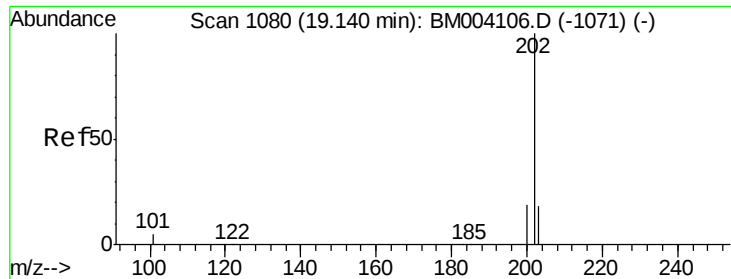


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 2.43 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

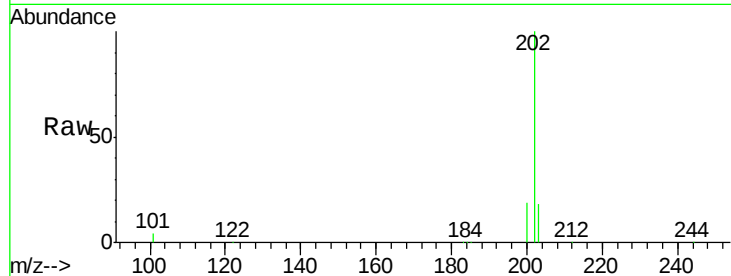
Tot Ion:202 Resp: 86312

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

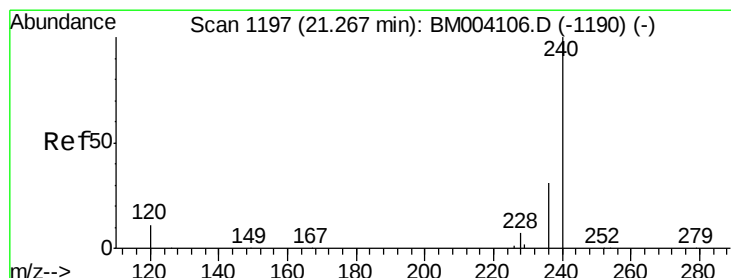
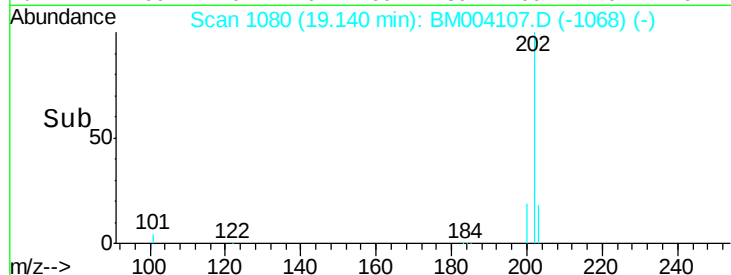
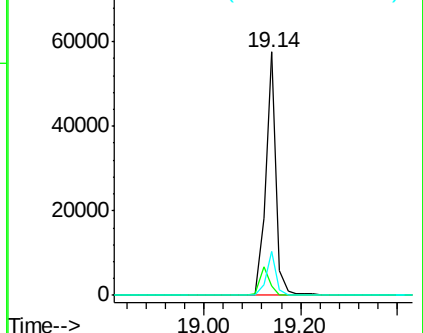
203 17.3 13.8 20.8



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: BM004107.D

Acq: 22 Jan 2016 12:51

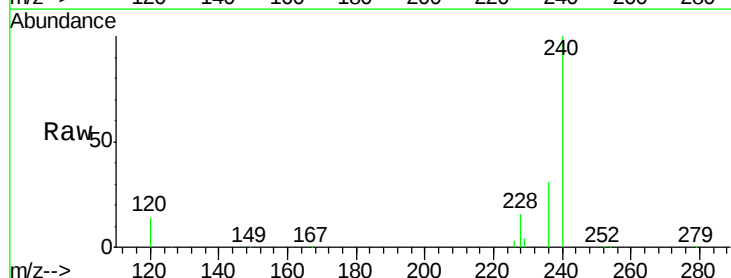
Tgt Ion:240 Resp: 164087

Ion Ratio Lower Upper

240 100

120 13.6 0.9 1.3#

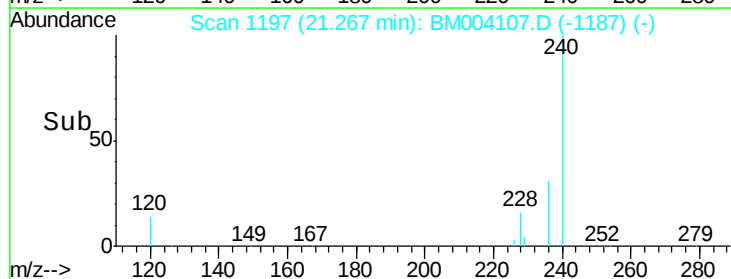
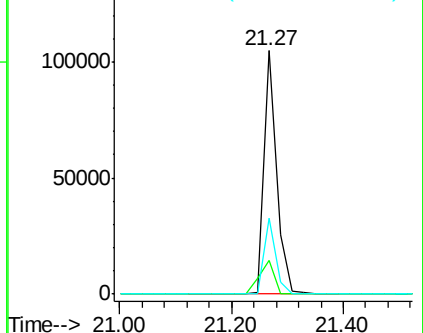
236 31.4 17.3 25.9#

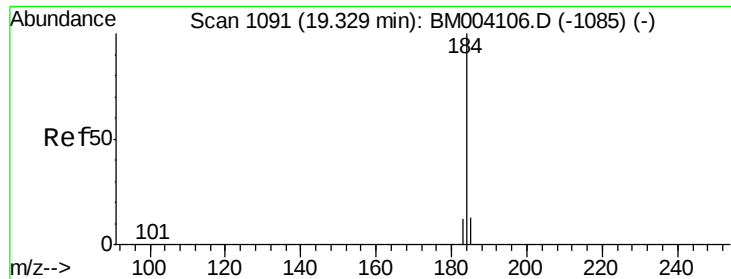


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

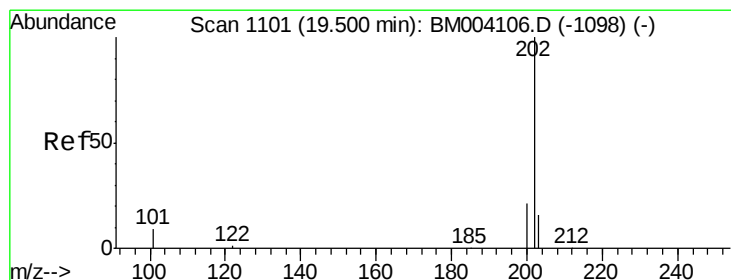
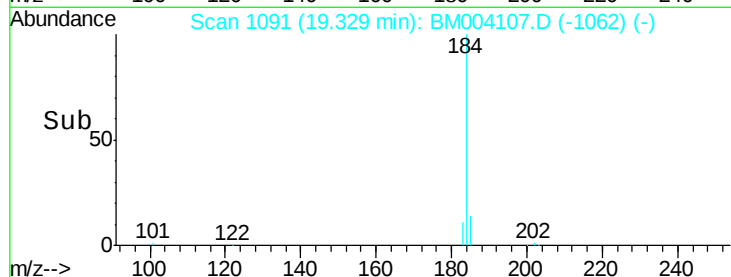
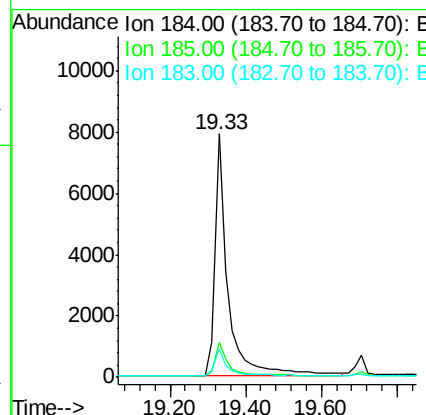
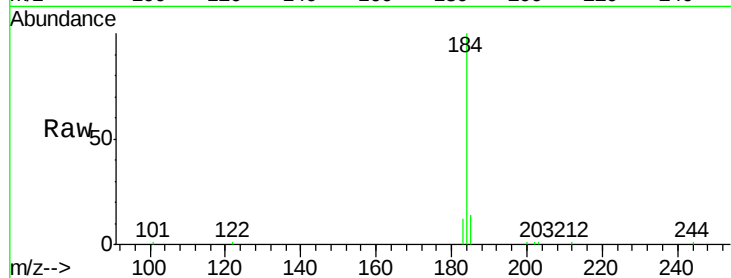




#27
Benzidine
Concen: 1.33 ng
RT: 19.33 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

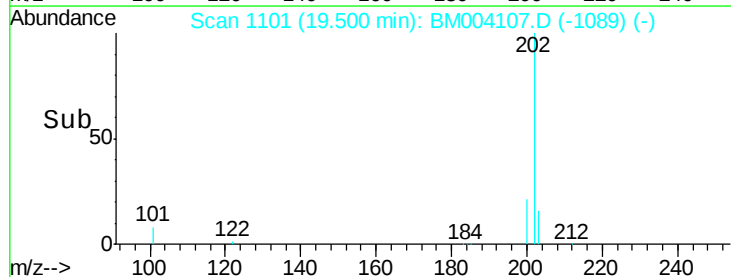
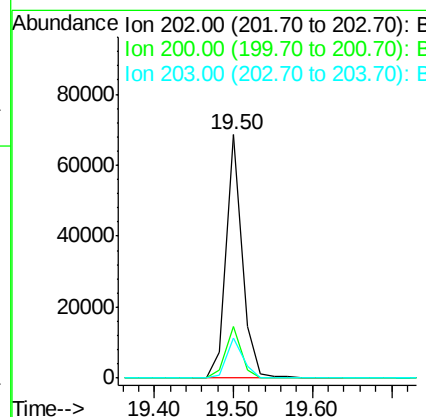
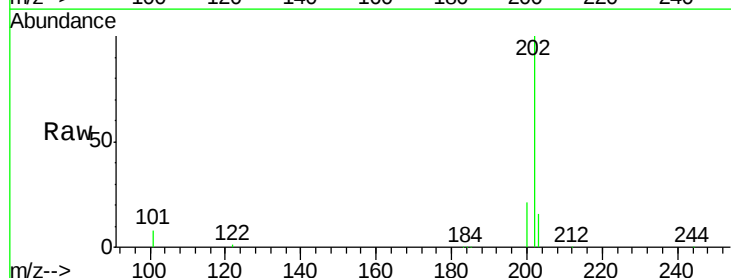
Instrument :
BNA_M
ClientSampleId :

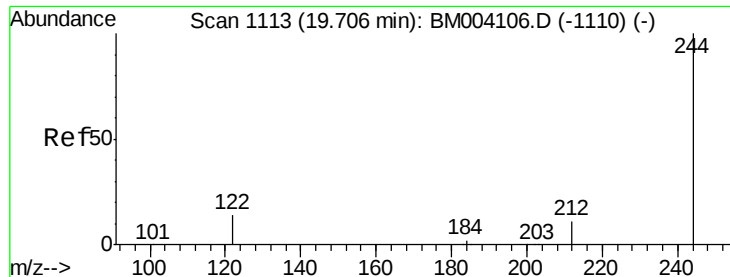
Tot Ion:184 Resp: 18233
Ion Ratio Lower Upper
184 100
185 14.3 13.2 19.8
183 11.5 9.0 13.6



#28
Pyrene
Concen: 1.61 ng
RT: 19.50 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BM004107.D
Acq: 22 Jan 2016 12:51

Tgt Ion:202 Resp: 95062
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.1 14.0 21.0





#29

Terphenyl-d14

Concen: 1.62 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

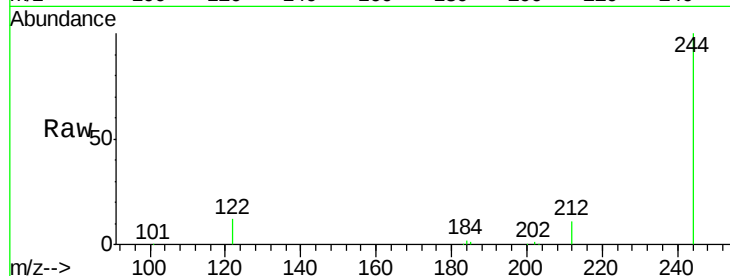
Tot Ion:244 Resp: 43107

Ion Ratio Lower Upper

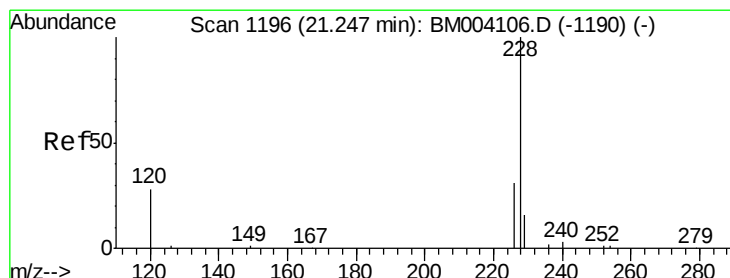
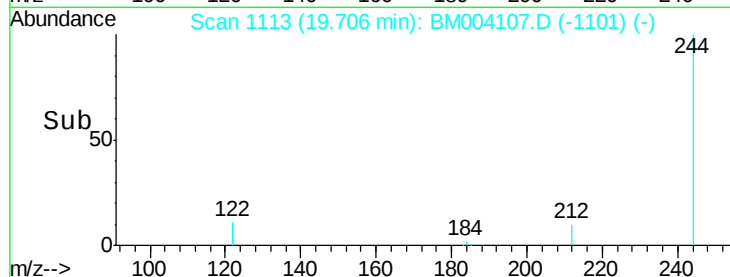
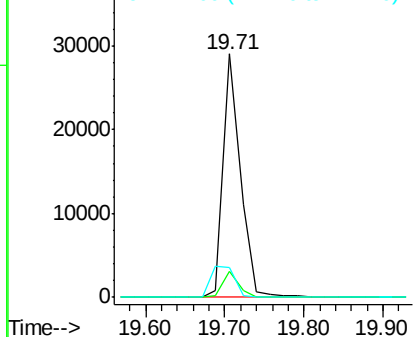
244 100

212 10.6 7.0 10.6#

122 12.4 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: 2.17 ng

RT: 21.25 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

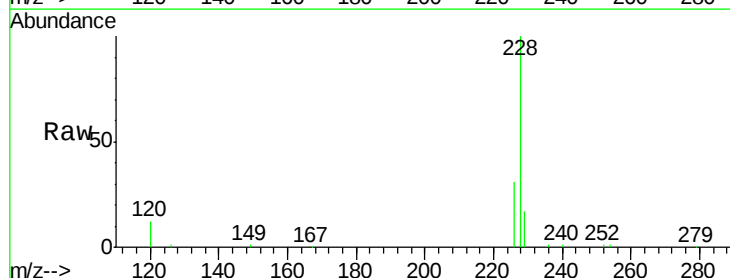
Tgt Ion:228 Resp: 101087

Ion Ratio Lower Upper

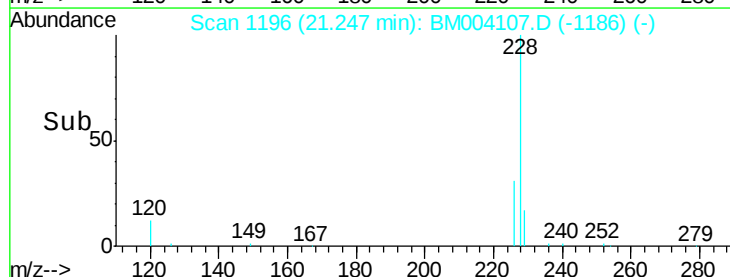
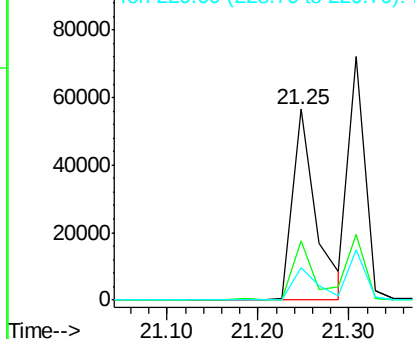
228 100

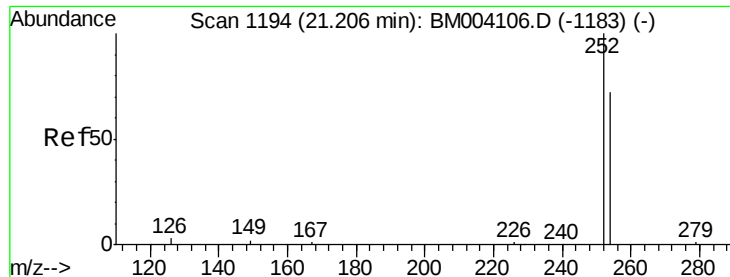
226 31.4 17.2 25.8#

229 16.8 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

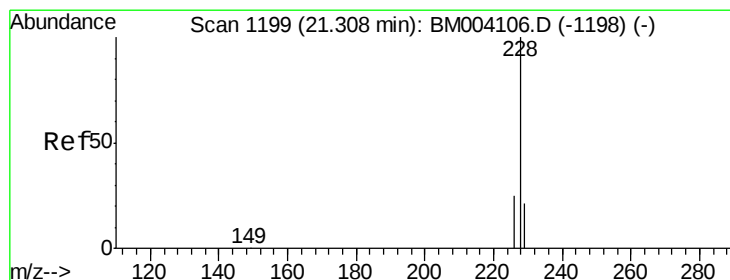
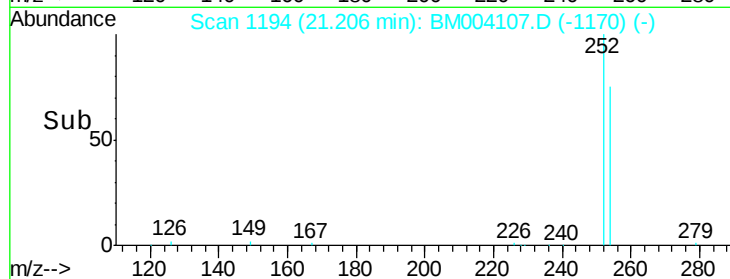
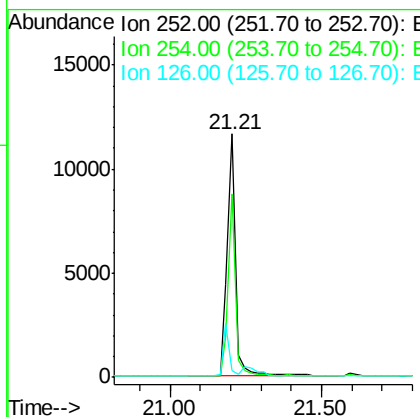
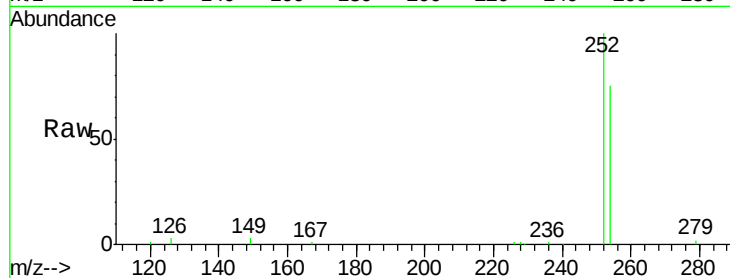




#31
 3,3'-Dichlorobenzidine
 Concen: 1.92 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

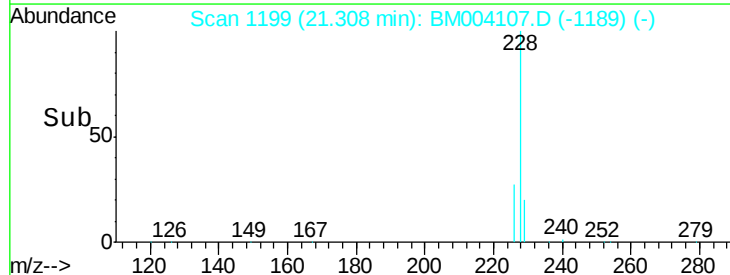
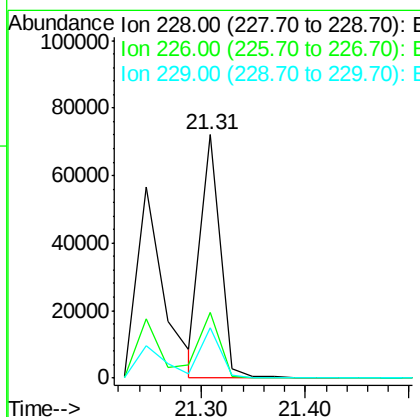
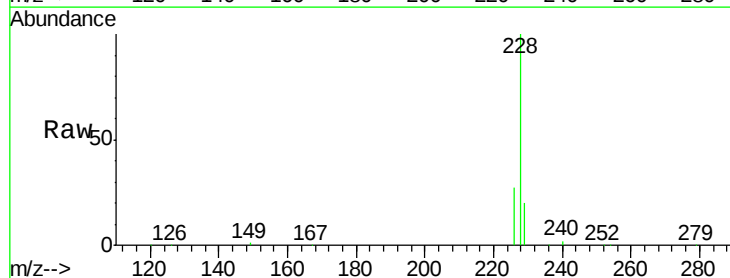
Instrument :
 BNA_M
 ClientSampleId :

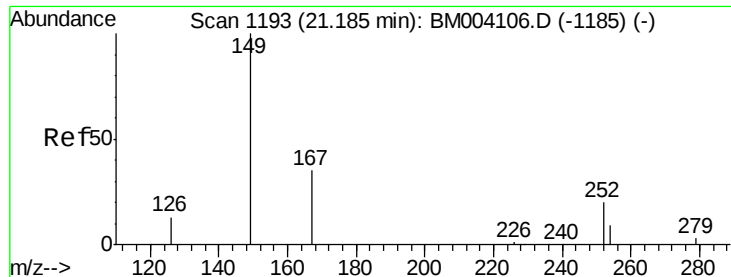
Tot Ion:252 Resp: 22780
 Ion Ratio Lower Upper
 252 100
 254 75.4 52.6 79.0
 126 2.9 3.7 5.5#



#32
 Chrysene
 Concen: 1.92 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

Tgt Ion:228 Resp: 92792
 Ion Ratio Lower Upper
 228 100
 226 26.9 25.3 37.9
 229 20.4 14.5 21.7

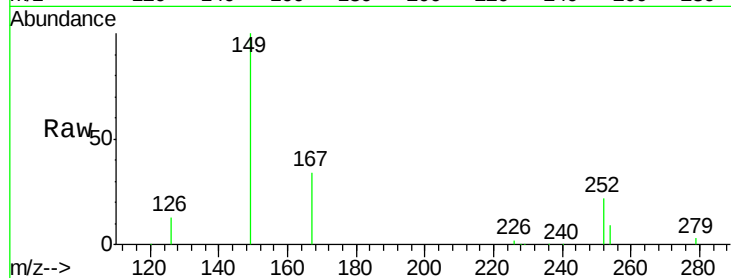




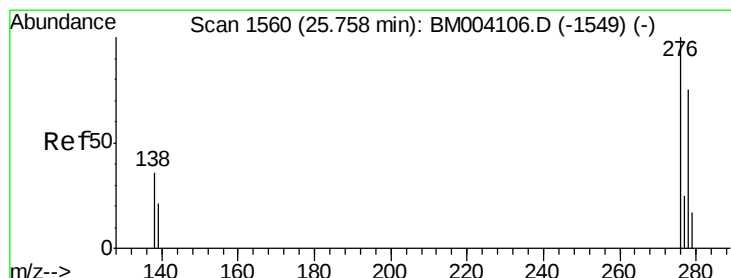
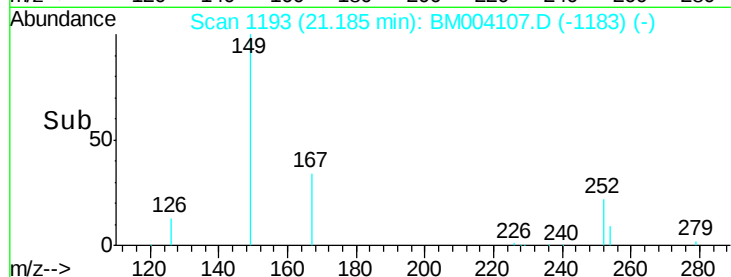
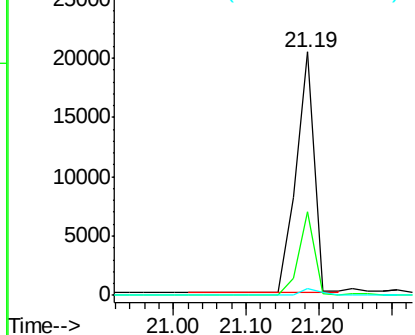
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 1.71 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 35334
 Ion Ratio Lower Upper
 149 100
 167 29.1 20.1 30.1
 279 2.3 1.8 2.6

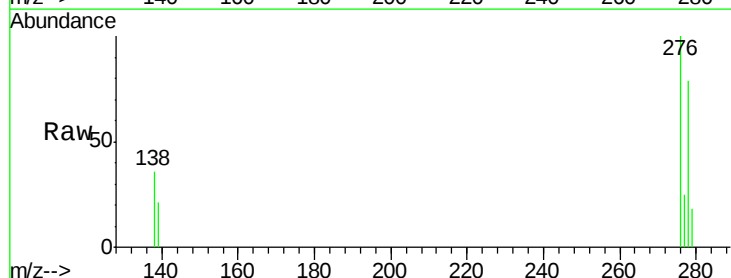


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

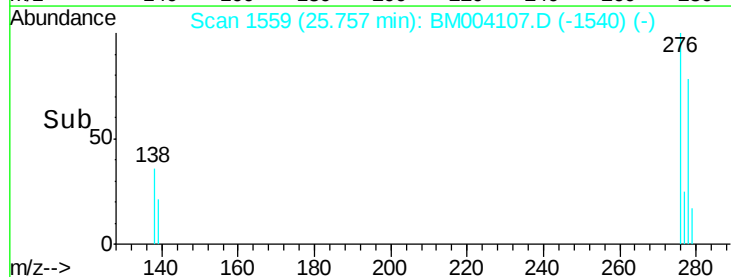
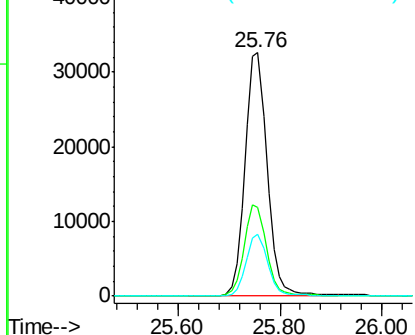


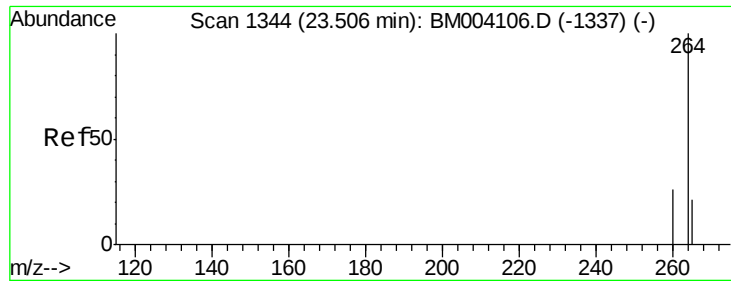
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 2.82 ng
 RT: 25.76 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

Tgt Ion:276 Resp: 97755
 Ion Ratio Lower Upper
 276 100
 138 37.6 30.2 45.2
 277 24.7 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

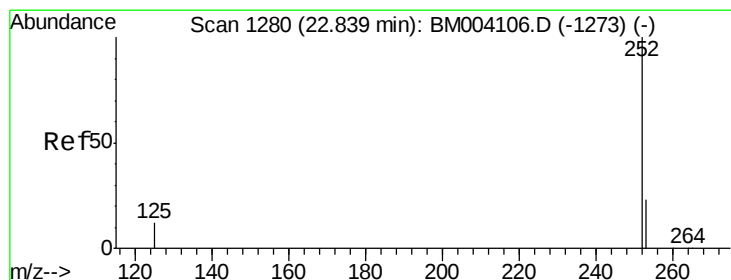
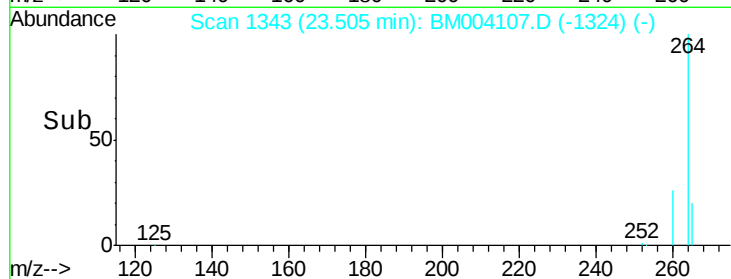
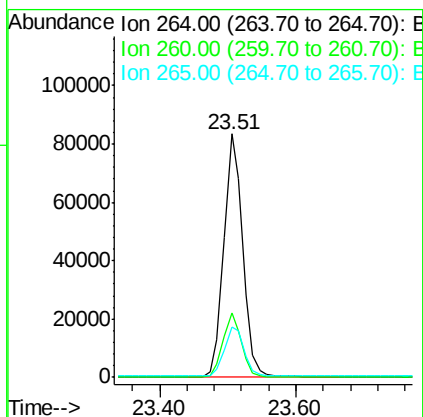
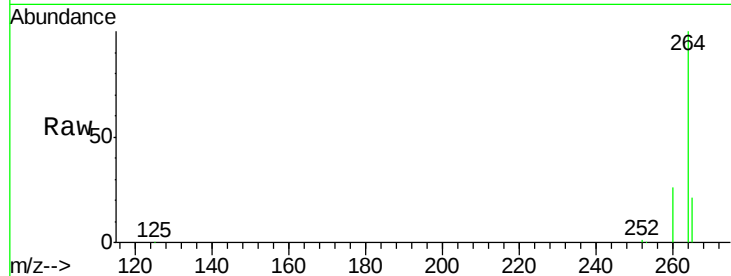




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

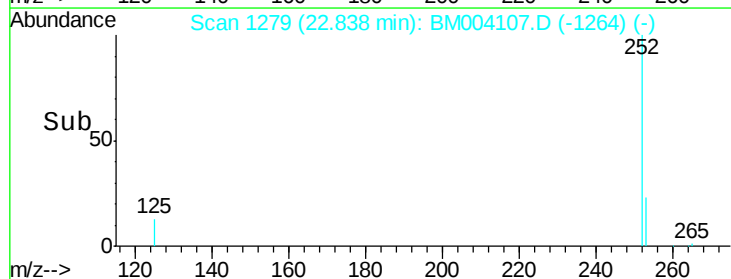
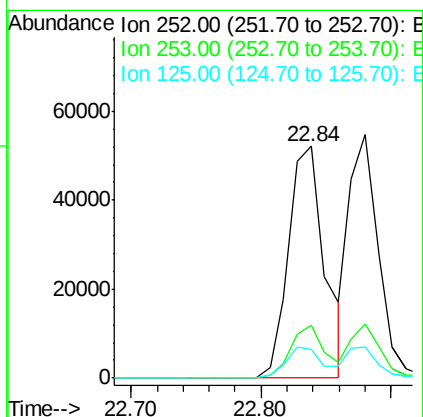
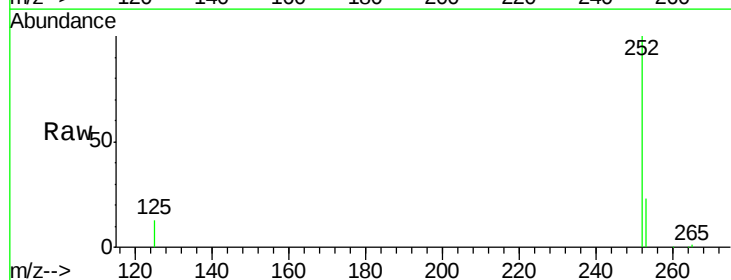
Instrument :
 BNA_M
 ClientSampleId :

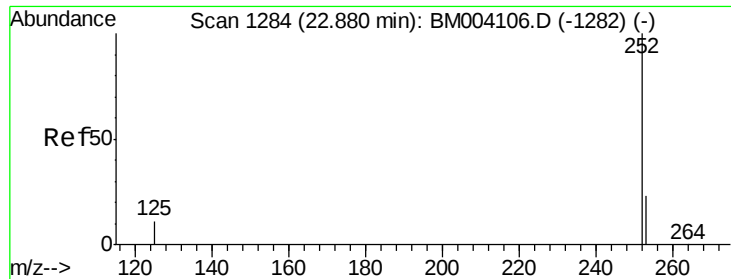
Tot Ion:264 Resp: 160584
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 20.8 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 2.04 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BM004107.D
 Acq: 22 Jan 2016 12:51

Tgt Ion:252 Resp: 100339
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.8 28.2
 125 12.5 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 1.82 ng

RT: 22.88 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

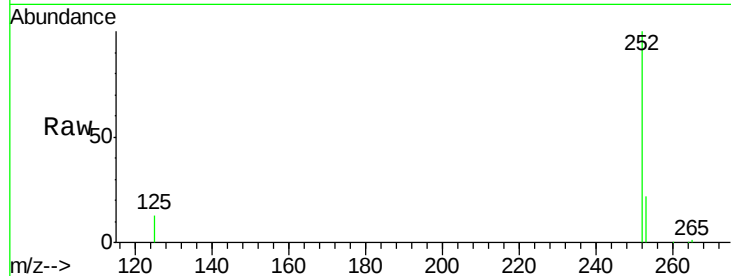
Tot Ion:252 Resp: 86362

Ion Ratio Lower Upper

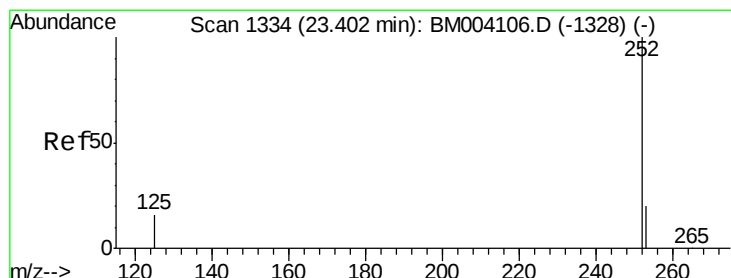
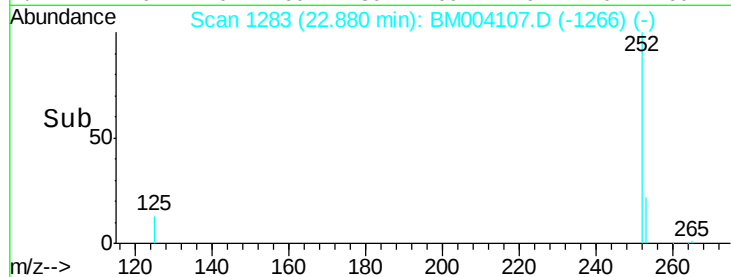
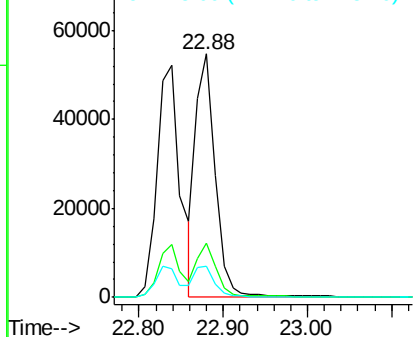
252 100

253 22.3 18.3 27.5

125 12.7 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: 2.07 ng

RT: 23.40 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

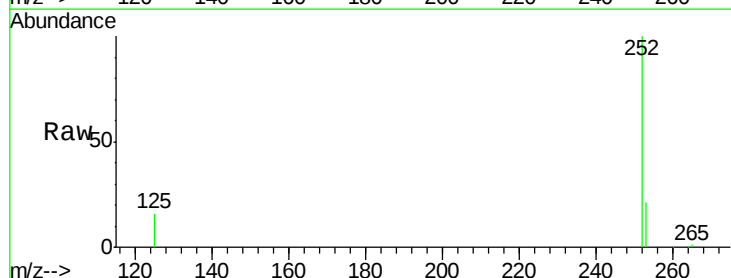
Tgt Ion:252 Resp: 86601

Ion Ratio Lower Upper

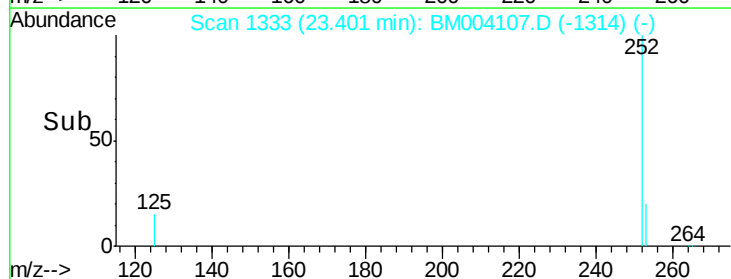
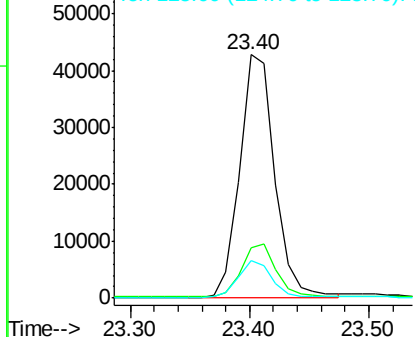
252 100

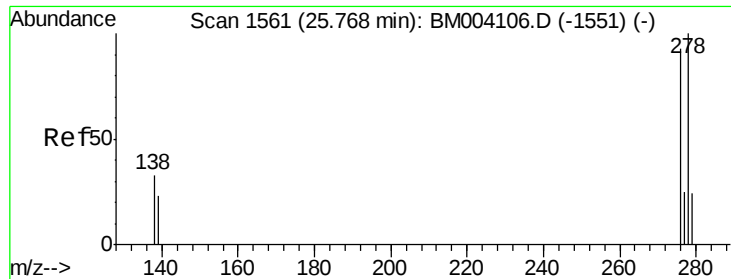
253 20.7 18.7 28.1

125 15.5 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: 2.19 ng

RT: 25.77 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

Instrument :

BNA_M

ClientSampleId :

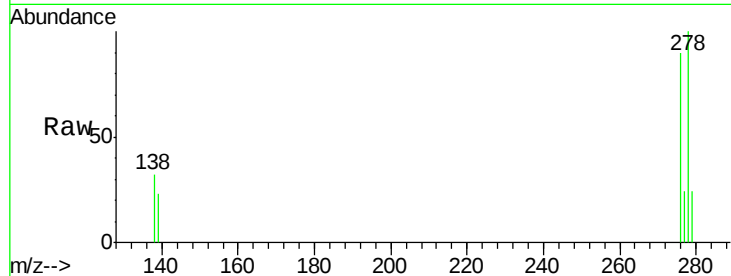
Tot Ion:278 Resp: 78122

Ion Ratio Lower Upper

278 100

139 22.8 19.0 28.6

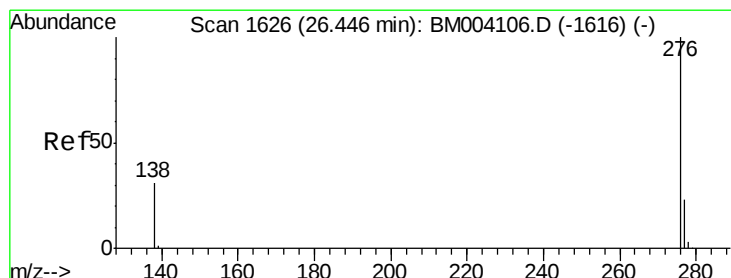
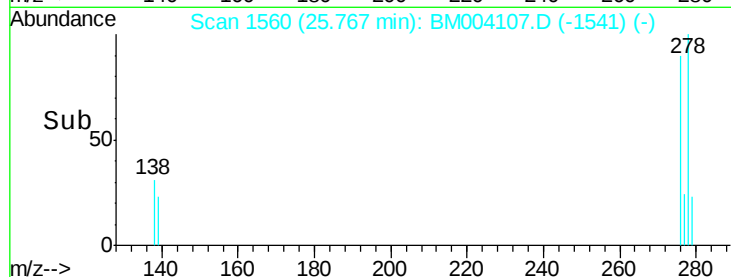
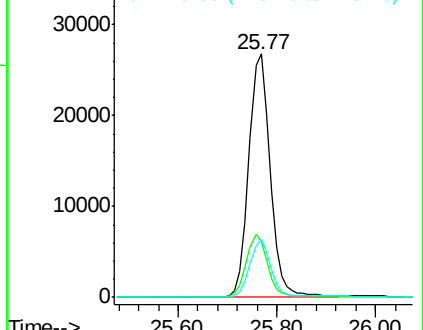
279 23.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 2.20 ng

RT: 26.45 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BM004107.D

Acq: 22 Jan 2016 12:51

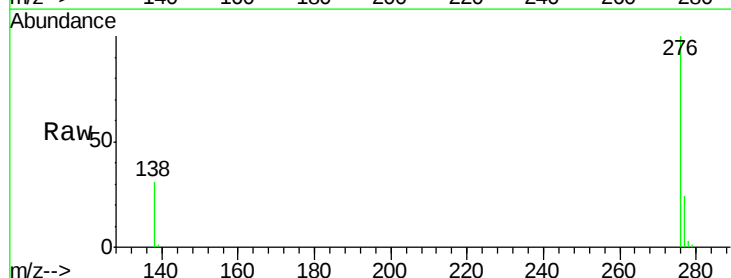
Tgt Ion:276 Resp: 83132

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 31.5 25.0 37.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

