

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
 Data File : BM004106.D
 Acq On : 22 Jan 2016 12:16
 Operator : SJ/UM
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 13:15:05 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	23096	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	98543	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	57424	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	156830	5.00	ng	0.00
26) Chrysene-d12	21.27	240	168135	5.00	ng	0.00
35) Perylene-d12	23.51	264	155965	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	4376	0.93	ng	0.00
5) Phenol-d6	6.85	99	5220	0.90	ng	0.00
8) Nitrobenzene-d5	8.83	82	3886	0.80	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1446	1.09	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	16204	0.88	ng	0.00
29) Terphenyl-d14	19.71	244	19190	0.70	ng	0.00

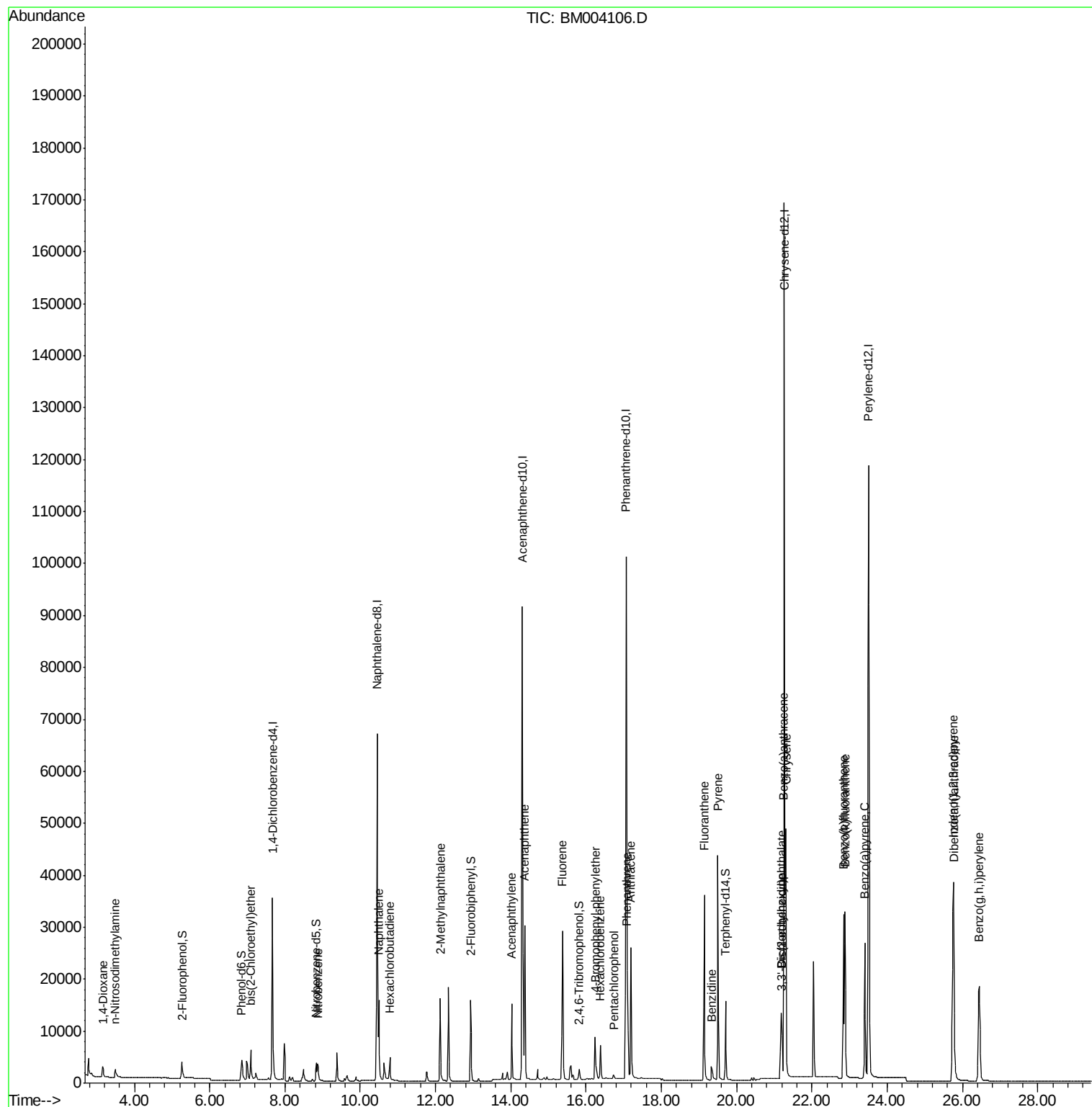
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2138	0.96	ng	99
3) n-Nitrosodimethylamine	3.49	42	1889	0.79	ng	97
6) bis(2-Chloroethyl)ether	7.09	93	4890	0.92	ng	99
9) Nitrobenzene	8.87	77	4376	0.84	ng	99
10) Naphthalene	10.49	128	21123	0.98	ng	98
11) Hexachlorobutadiene	10.79	225	3240	0.98	ng	99
12) 2-Methylnaphthalene	12.12	142	13710	0.94	ng	97
16) Acenaphthylene	14.02	152	22412	0.94	ng	100
17) Acenaphthene	14.37	154	16658	1.00	ng	97
18) Fluorene	15.37	166	20421	1.03	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	4974	1.03	ng	# 72
21) Hexachlorobenzene	16.37	284	5093	0.99	ng	# 61
22) Pentachlorophenol	16.73	266	995	0.73	ng	# 82
23) Phenanthrene	17.09	178	30969	0.95	ng	99
24) Anthracene	17.19	178	33369	1.06	ng	99
25) Fluoranthene	19.14	202	39242	1.12	ng	100
27) Benzidine	19.33	184	7136	0.51	ng	# 95
28) Pyrene	19.50	202	43125	0.71	ng	100
30) Benzo(a)anthracene	21.25	228	45256	0.95	ng	# 83
31) 3,3'-Dichlorobenzidine	21.21	252	9308	0.77	ng	92
32) Chrysene	21.31	228	40517	0.82	ng	94
33) Bis(2-ethylhexyl)phthalate	21.19	149	14089	0.67	ng	95
34) Indeno(1,2,3-cd)pyrene	25.76	276	43461	1.22	ng	100
36) Benzo(b)fluoranthene	22.84	252	44993	0.94	ng	100
37) Benzo(k)fluoranthene	22.88	252	38810	0.84	ng	100
38) Benzo(a)pyrene	23.40	252	38015	0.94	ng	96
39) Dibenzo(a,h)anthracene	25.77	278	34439	0.99	ng	100
40) Benzo(g,h,i)perylene	26.45	276	37316	1.02	ng	99

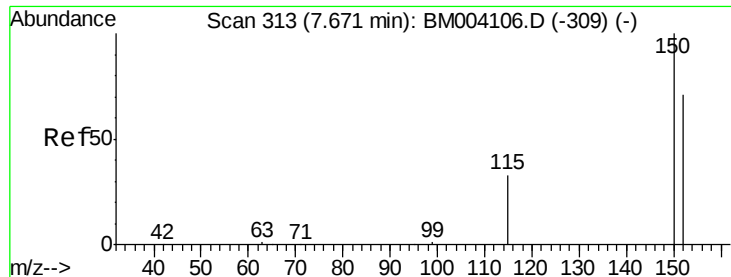
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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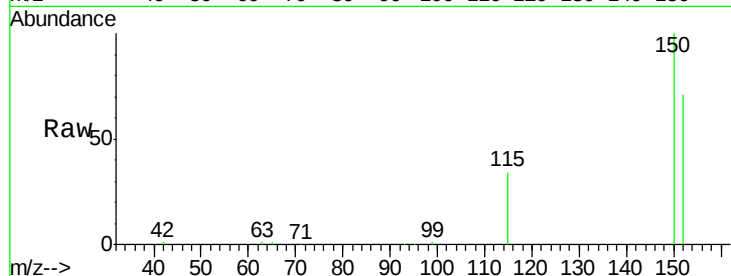


#1

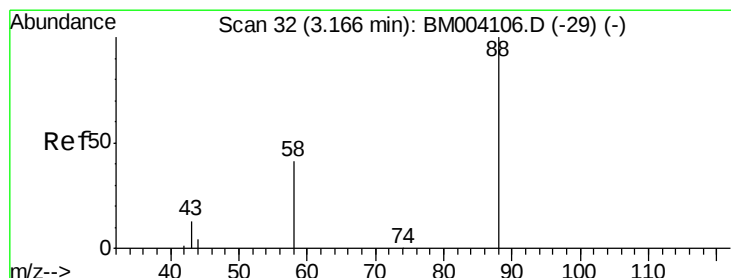
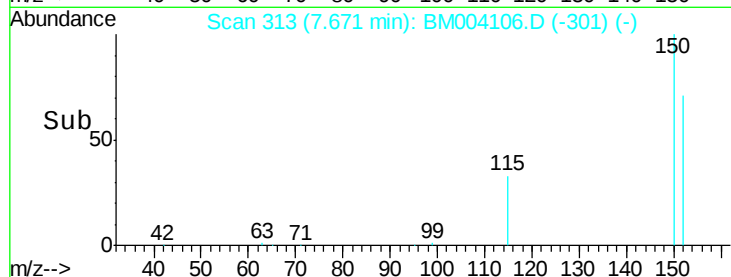
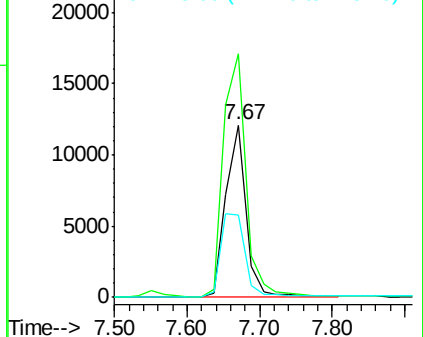
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 23096
Ion Ratio Lower Upper
152 100
150 141.4 122.9 184.3
115 47.7 44.4 66.6



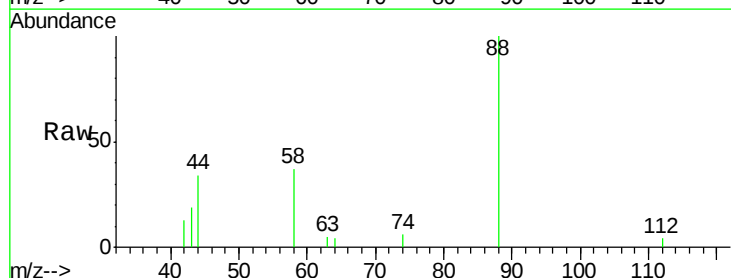
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



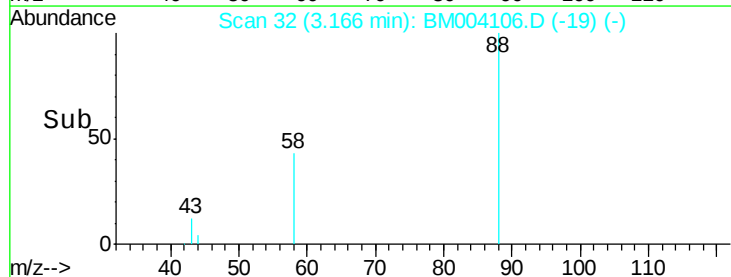
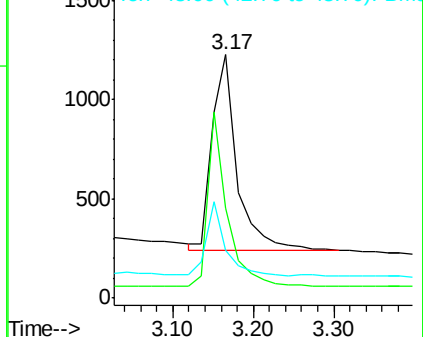
#2

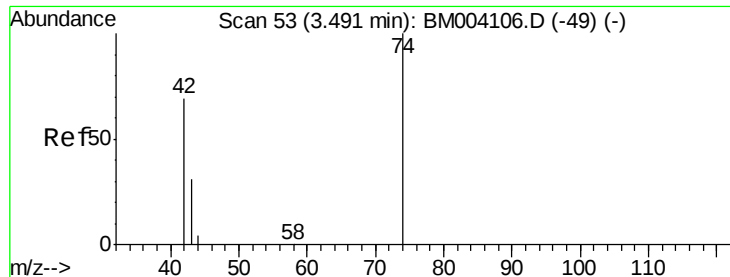
1,4-Dioxane
Concen: 0.96 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

Tgt Ion: 88 Resp: 2138
Ion Ratio Lower Upper
88 100
58 68.7 53.8 80.6
43 29.4 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: 0.79 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

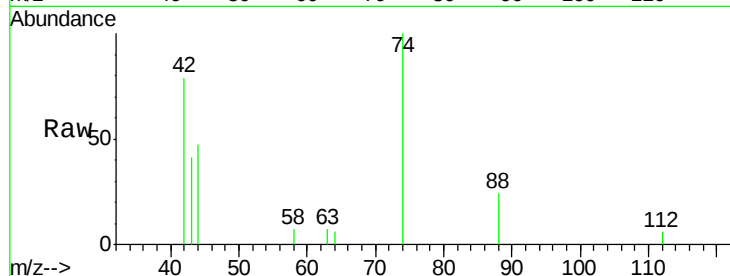
Tot Ion: 42 Resp: 1889

Ion Ratio Lower Upper

42 100

74 121.7 95.0 142.4

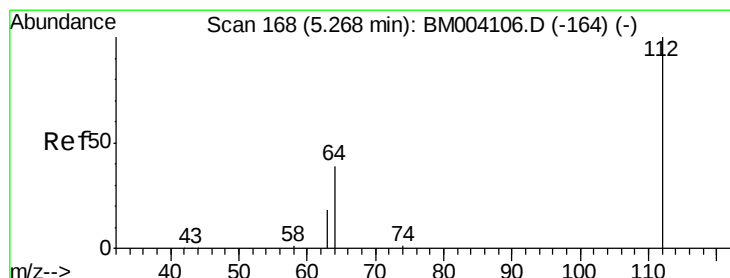
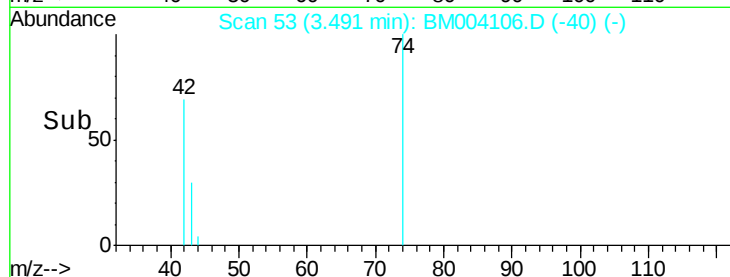
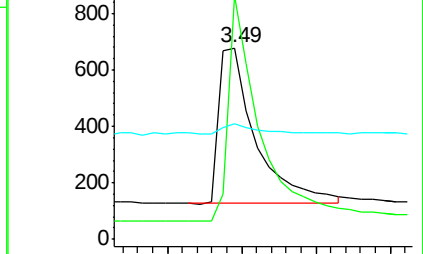
44 6.6 5.1 7.7



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: 0.93 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

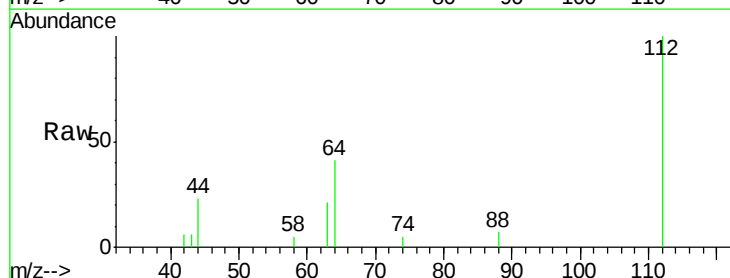
Tgt Ion: 112 Resp: 4376

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

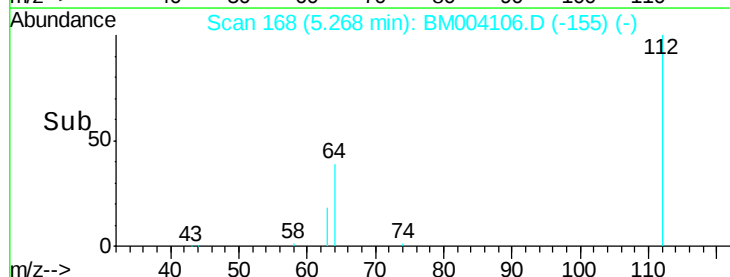
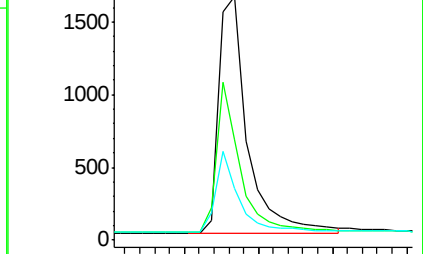
63 27.6 22.1 33.1

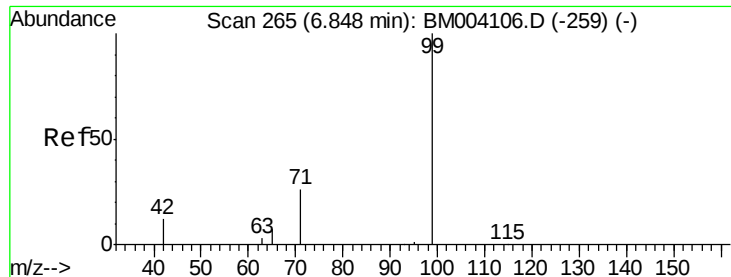


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

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: 0.90 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

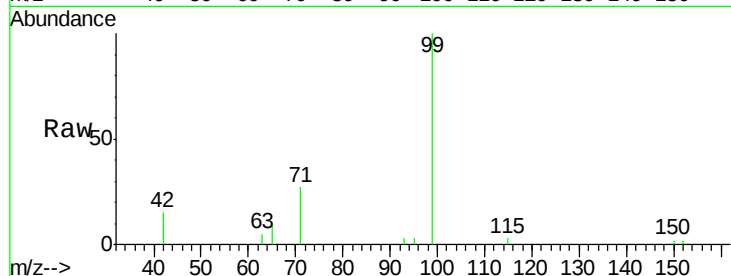
Tot Ion: 99 Resp: 5220

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

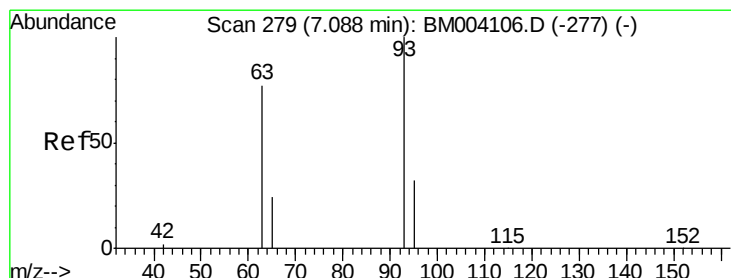
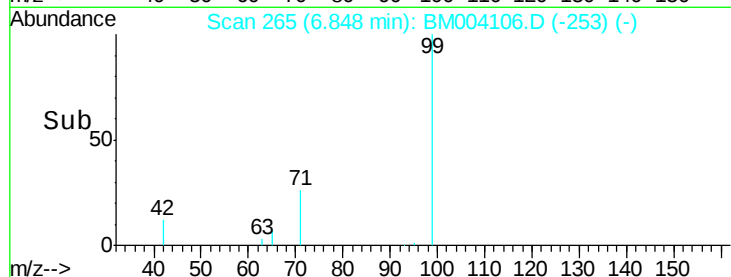
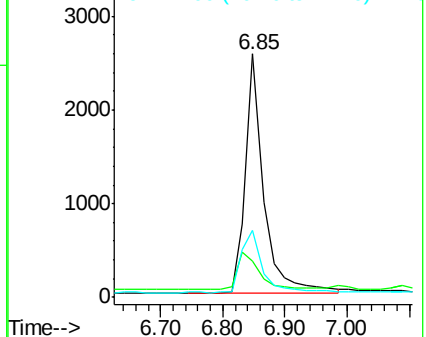
71 30.5 24.4 36.6



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: 0.92 ng

RT: 7.09 min Scan# 279

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

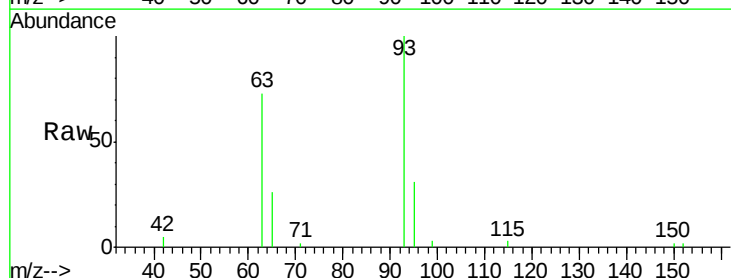
Tgt Ion: 93 Resp: 4890

Ion Ratio Lower Upper

93 100

63 72.5 58.3 87.5

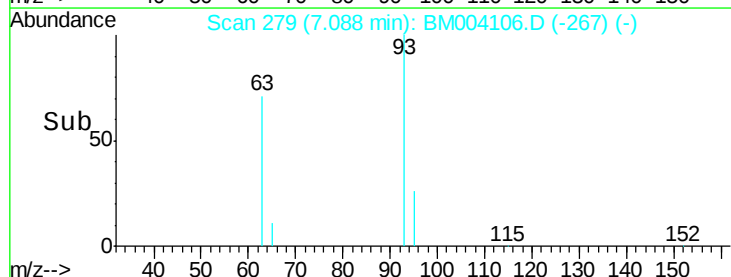
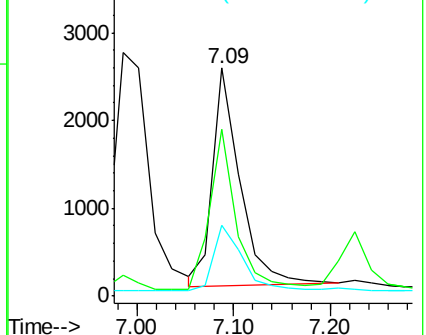
95 33.8 25.8 38.8

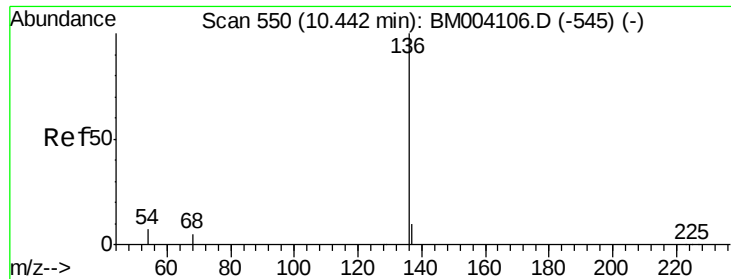


Abundance Ion 93.00 (92.70 to 93.70): BM004106.D (-277) (-)

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: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 98543

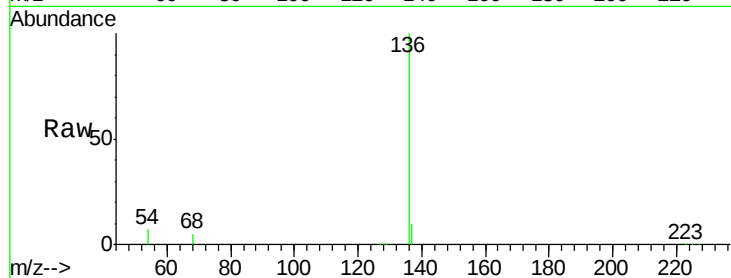
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.1 2.8 4.2#

68 5.5 2.5 3.7#

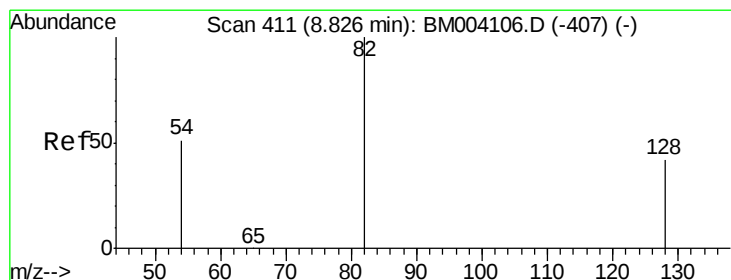
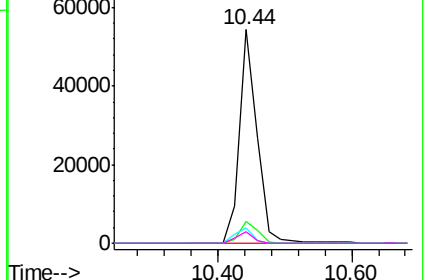
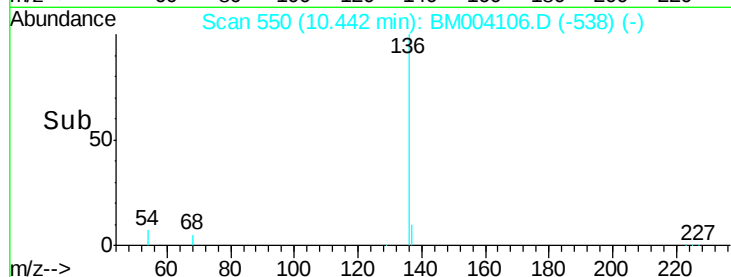


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.80 ng

RT: 8.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

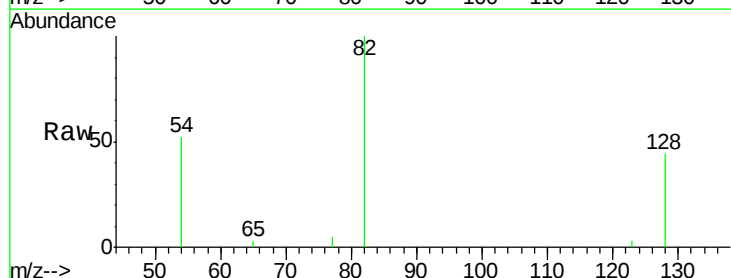
Tgt Ion: 82 Resp: 3886

Ion Ratio Lower Upper

82 100

128 43.8 39.1 58.7

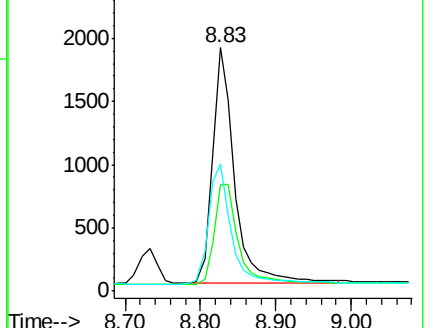
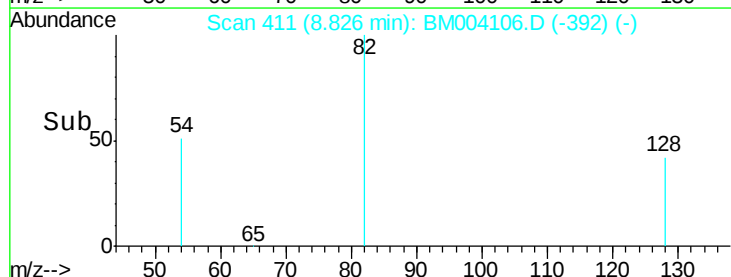
54 52.1 34.8 52.2

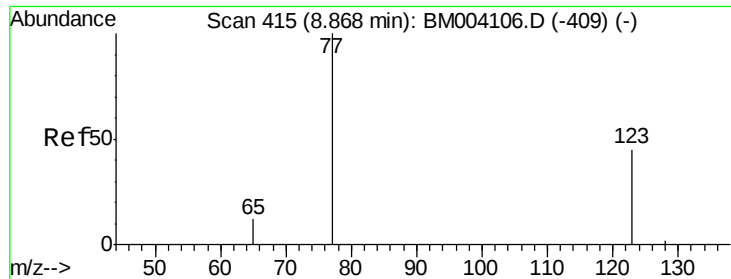


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.84 ng

RT: 8.87 min Scan# 415

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

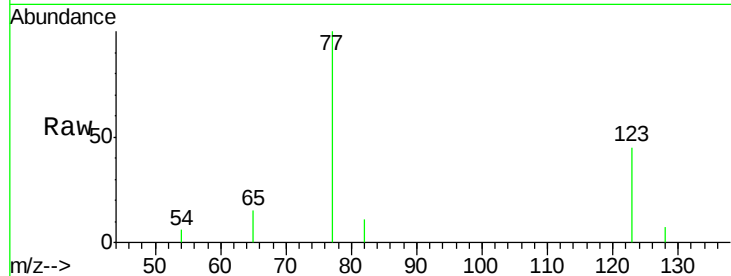
Tot Ion: 77 Resp: 4376

Ion Ratio Lower Upper

77 100

123 48.5 38.6 57.8

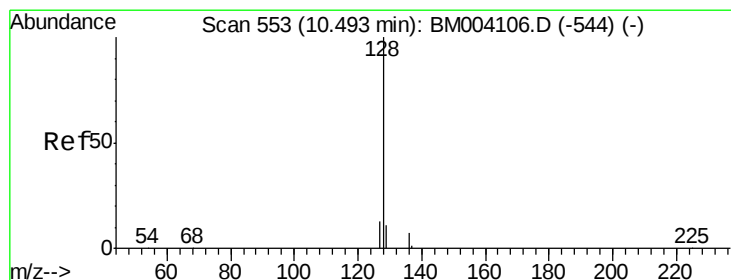
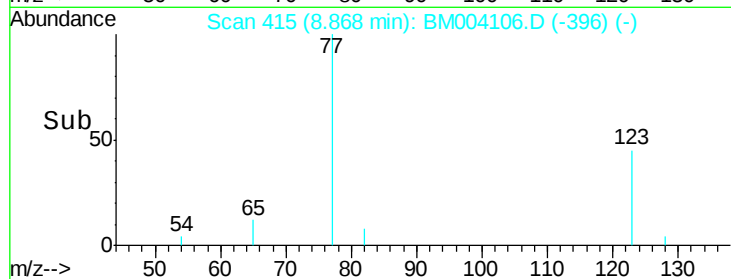
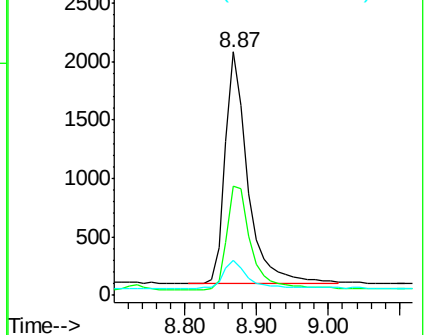
65 12.9 9.9 14.9



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: 0.98 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

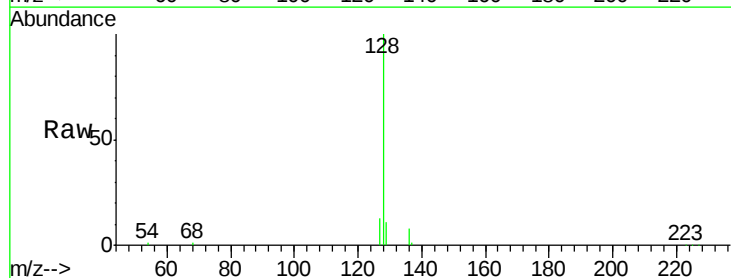
Tgt Ion: 128 Resp: 21123

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

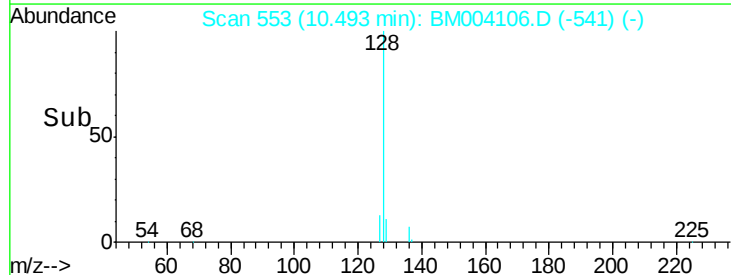
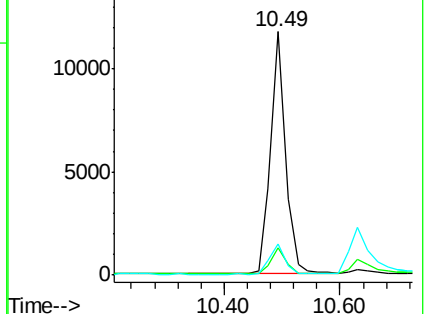
127 12.9 11.0 16.4

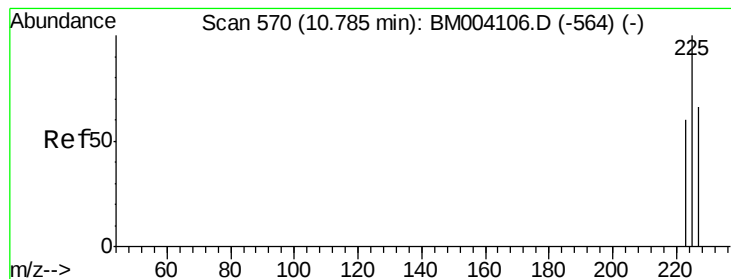


Abundance Ion 128.00 (127.70 to 128.70): BM004106.D (-544) (-)

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: 0.98 ng

RT: 10.79 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

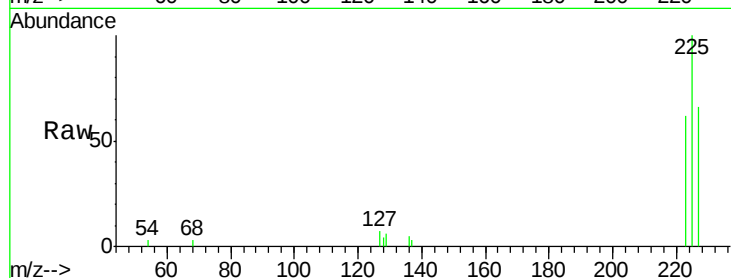
Tot Ion:225 Resp: 3240

Ion Ratio Lower Upper

225 100

223 64.0 50.9 76.3

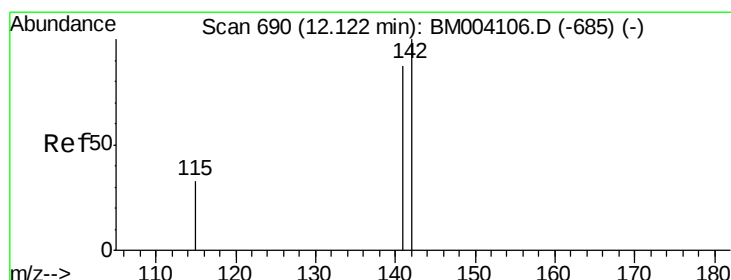
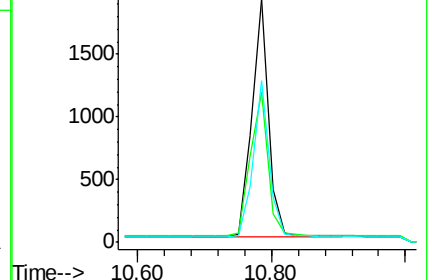
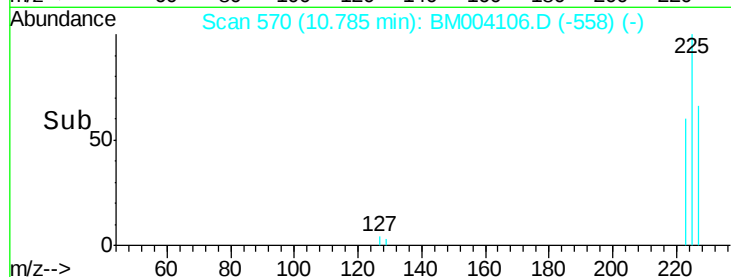
227 63.5 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.94 ng

RT: 12.12 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

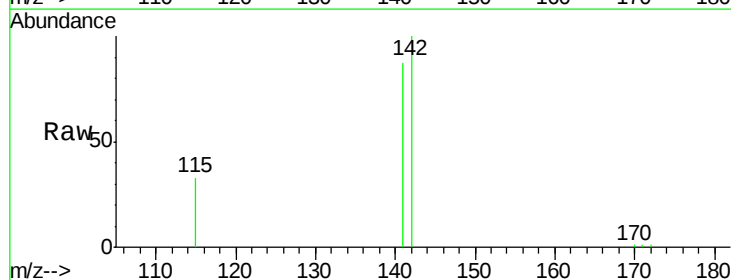
Tgt Ion:142 Resp: 13710

Ion Ratio Lower Upper

142 100

141 87.4 67.8 101.8

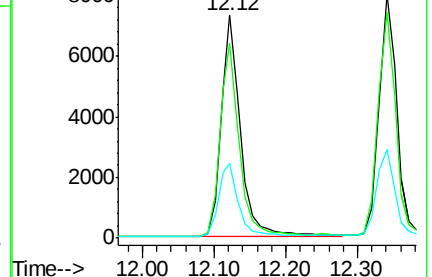
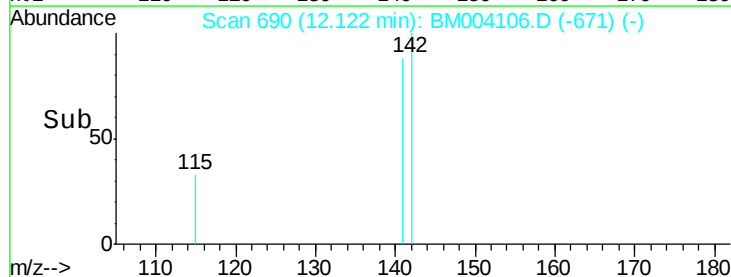
115 33.3 25.3 37.9

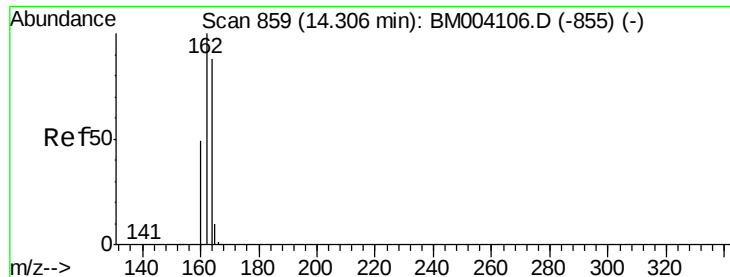


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

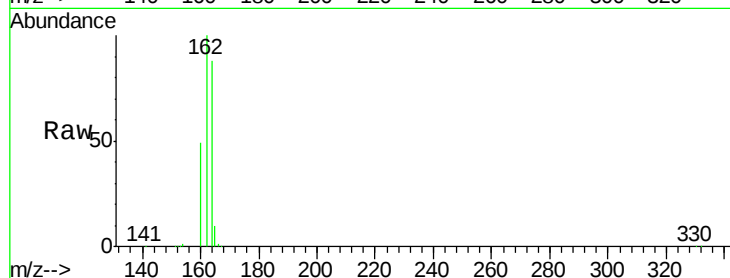
Tot Ion:164 Resp: 57424

Ion Ratio Lower Upper

164 100

162 114.3 86.0 129.0

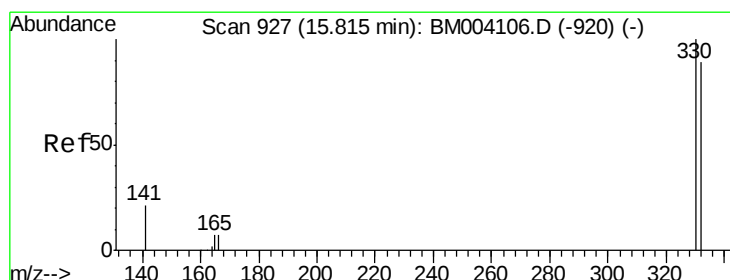
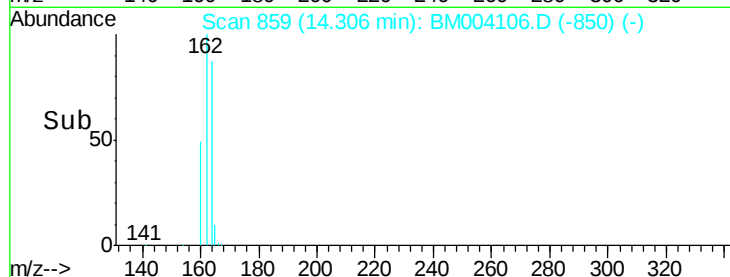
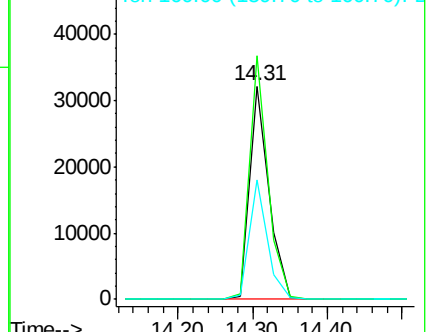
160 56.3 40.3 60.5



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: 1.09 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

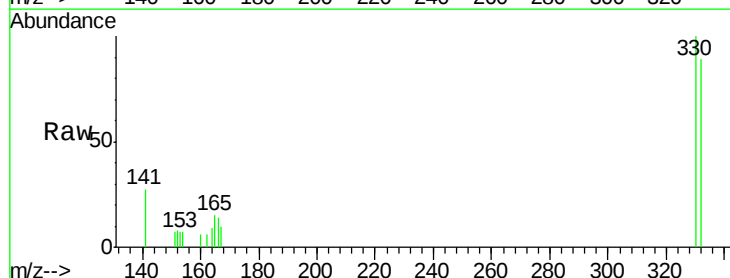
Tgt Ion:330 Resp: 1446

Ion Ratio Lower Upper

330 100

332 94.1 79.0 118.4

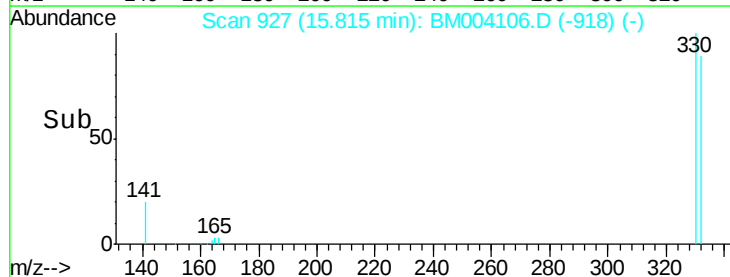
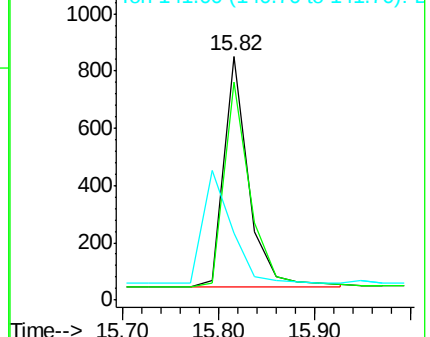
141 0.0 27.8 41.6#

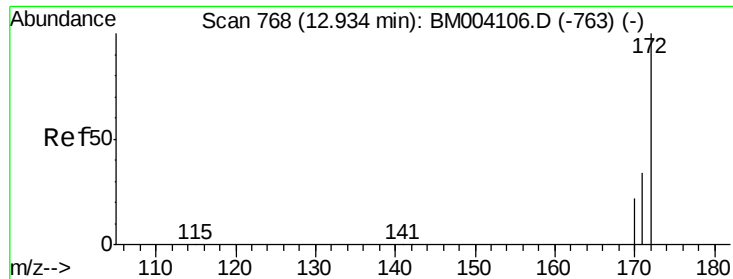


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

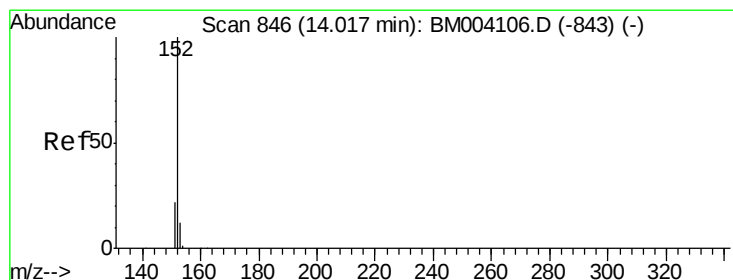
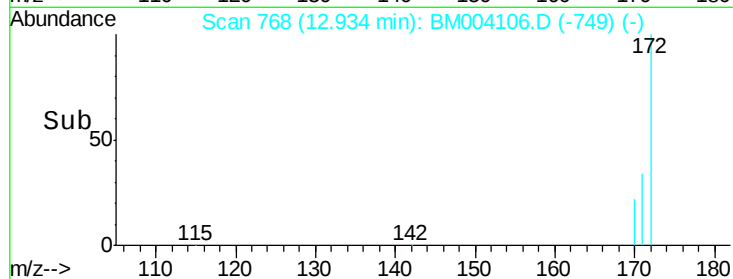
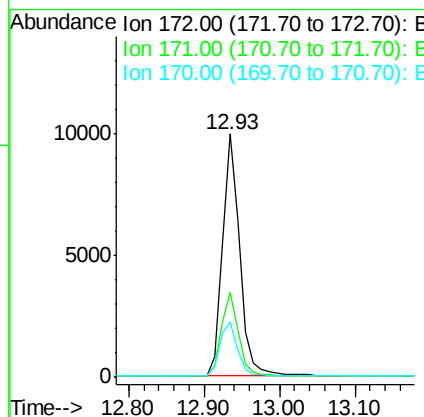
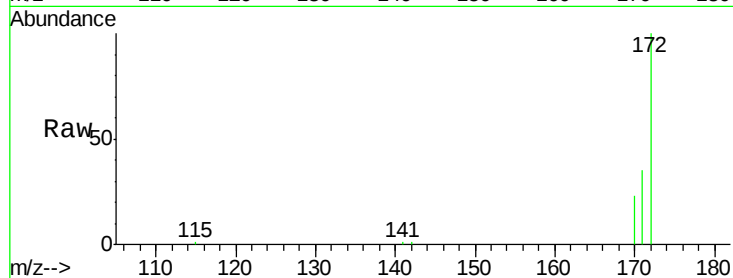




#15
2-Fluorobiphenyl
Concen: 0.88 ng
RT: 12.93 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

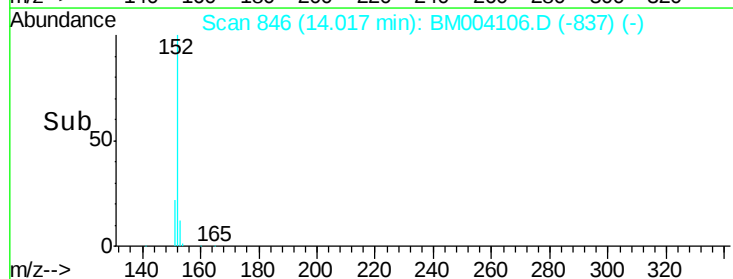
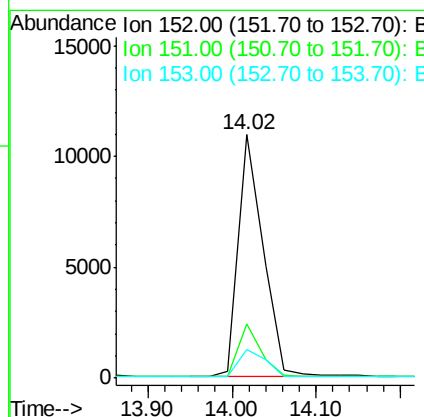
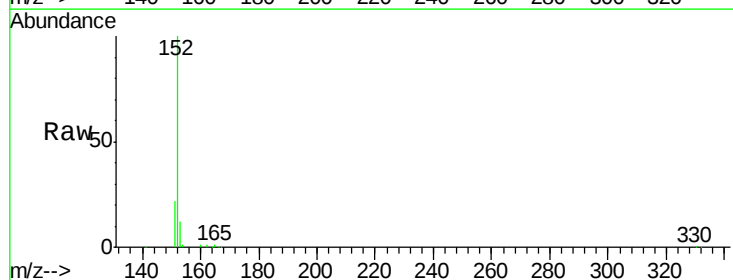
Instrument :
BNA_M
ClientSampleId :

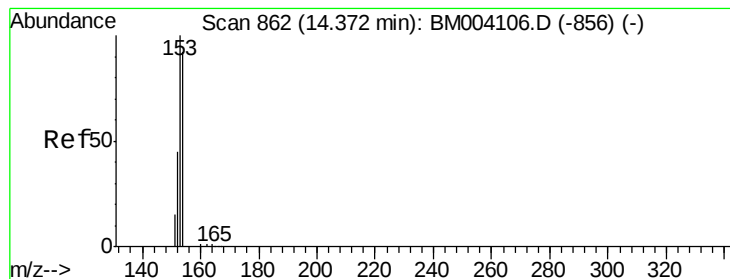
Tot Ion:172 Resp: 16204
Ion Ratio Lower Upper
172 100
171 34.6 27.0 40.6
170 22.7 17.9 26.9



#16
Acenaphthylene
Concen: 0.94 ng
RT: 14.02 min Scan# 846
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

Tgt Ion:152 Resp: 22412
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 1.00 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

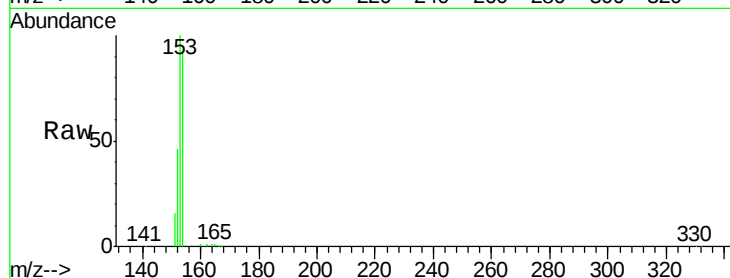
Tot Ion:154 Resp: 16658

Ion Ratio Lower Upper

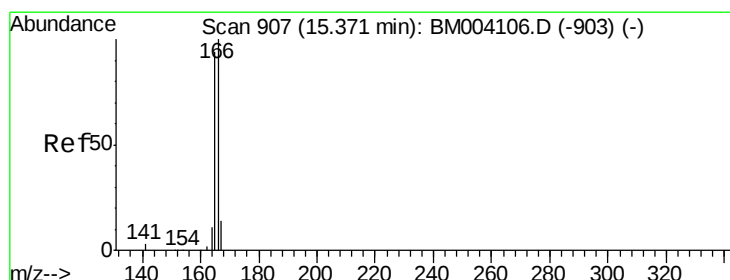
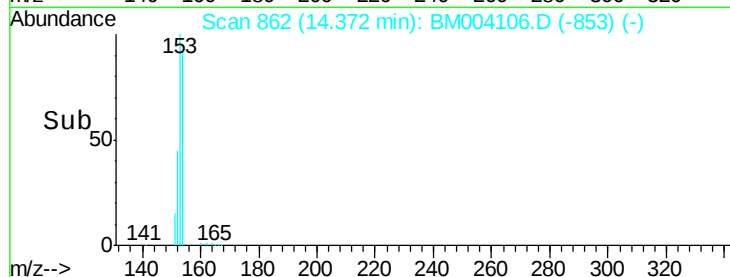
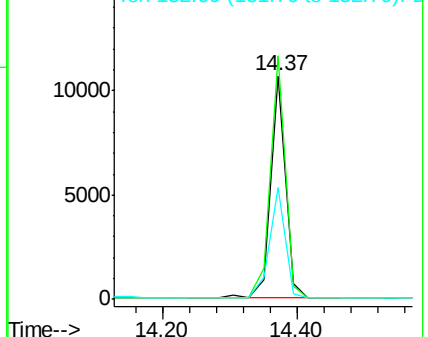
154 100

153 109.7 85.4 128.2

152 52.0 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: 1.03 ng

RT: 15.37 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

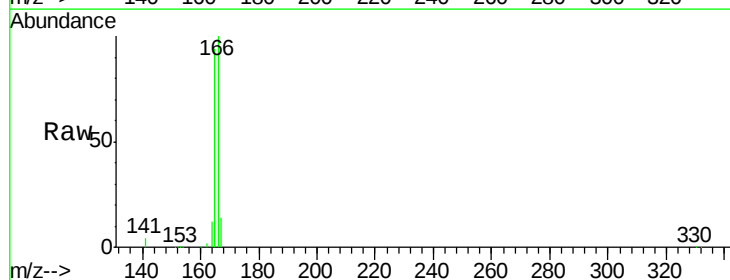
Tgt Ion:166 Resp: 20421

Ion Ratio Lower Upper

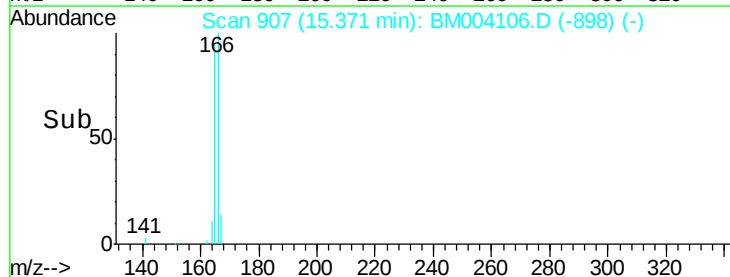
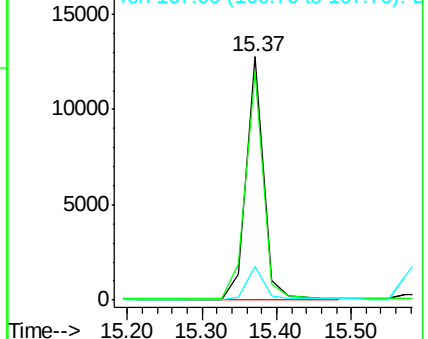
166 100

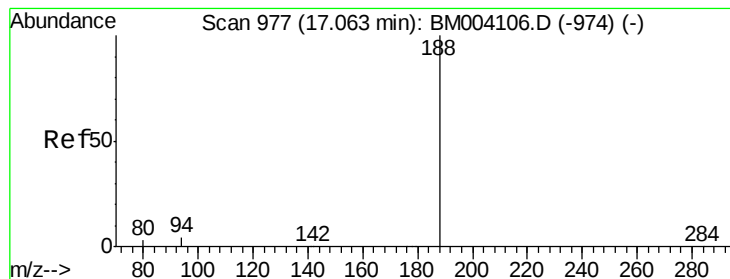
165 97.0 77.2 115.8

167 13.5 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: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

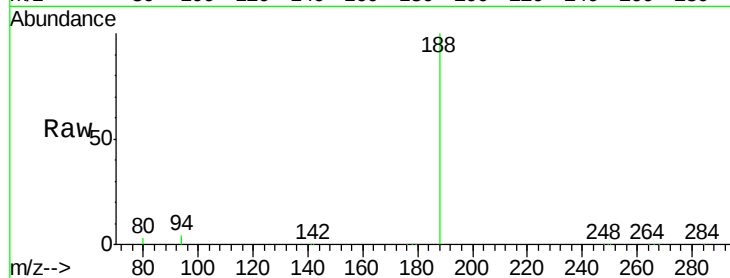
Tot Ion:188 Resp: 156830

Ion Ratio Lower Upper

188 100

94 3.7 20.3 30.5#

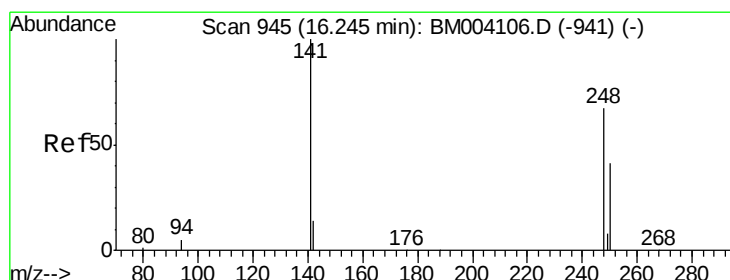
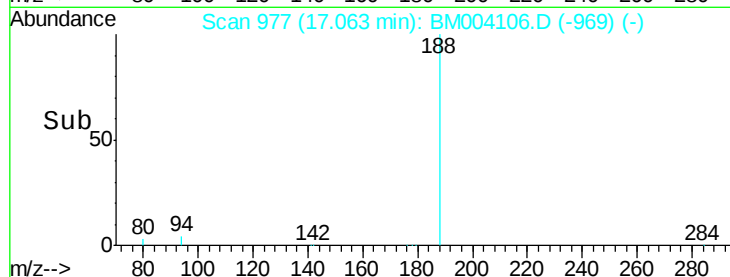
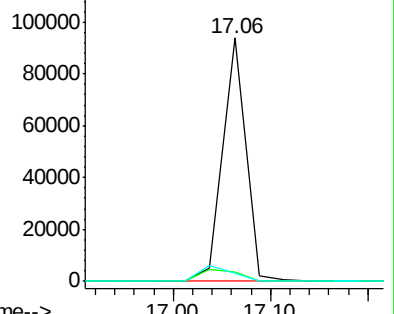
80 3.1 22.2 33.4#



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: 1.03 ng

RT: 16.24 min Scan# 945

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

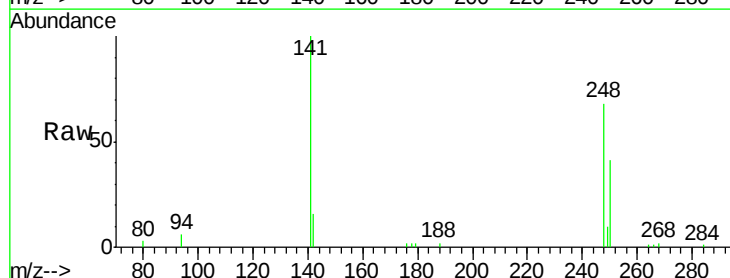
Tgt Ion:248 Resp: 4974

Ion Ratio Lower Upper

248 100

250 87.9 75.0 112.4

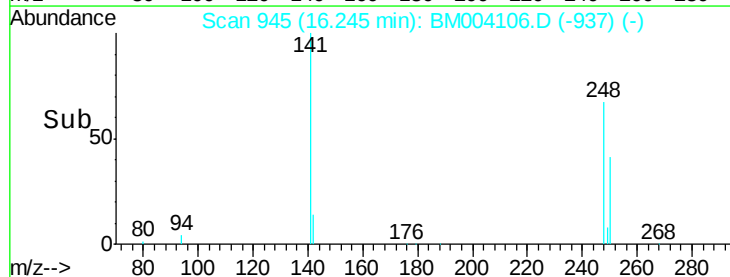
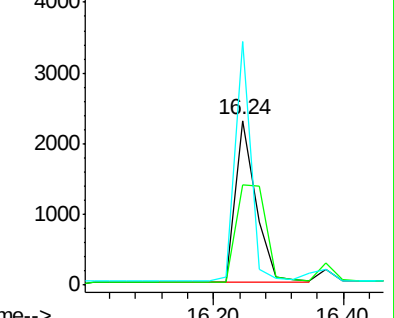
141 113.9 53.0 79.4#

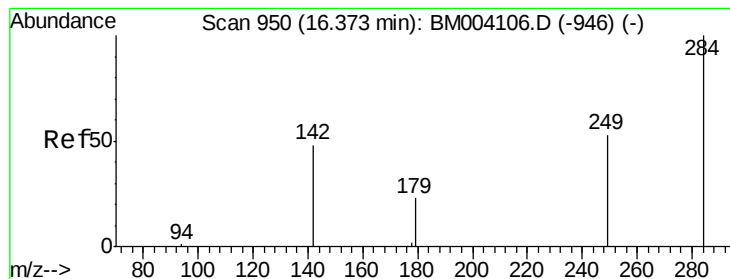


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.99 ng

RT: 16.37 min Scan# 950

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

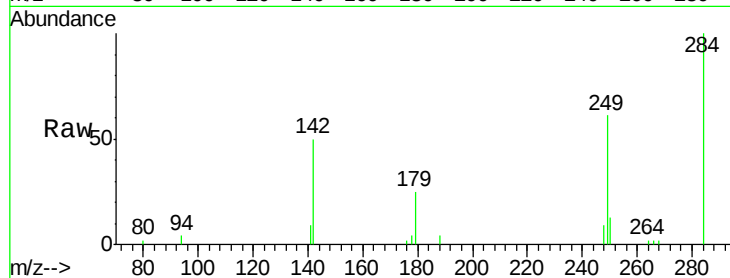
Tot Ion:284 Resp: 5093

Ion Ratio Lower Upper

284 100

142 49.2 22.2 33.4#

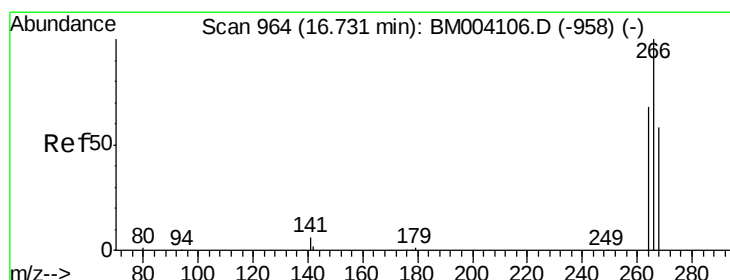
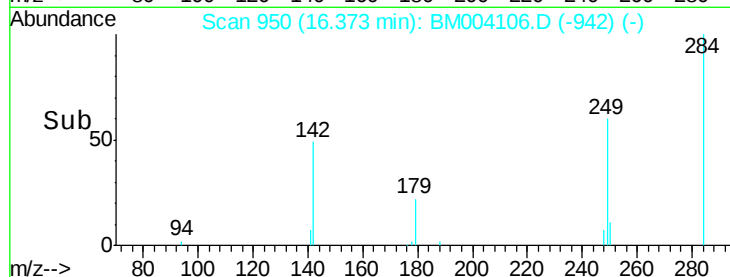
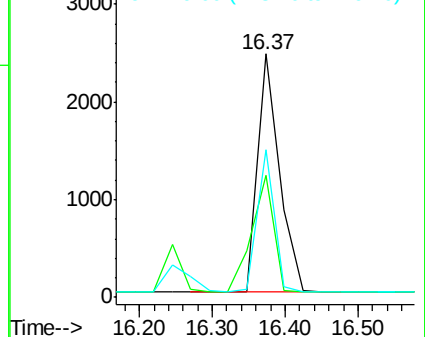
249 46.3 21.5 32.3#



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: 0.73 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

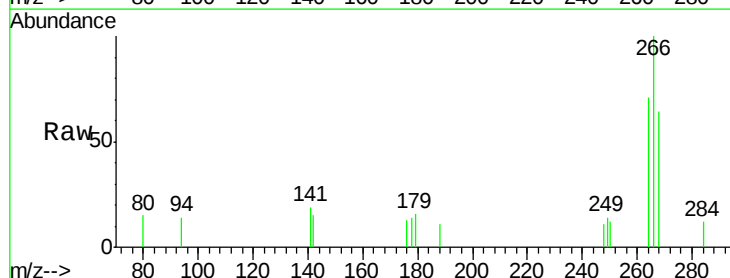
Tgt Ion:266 Resp: 995

Ion Ratio Lower Upper

266 100

268 63.9 62.7 94.1

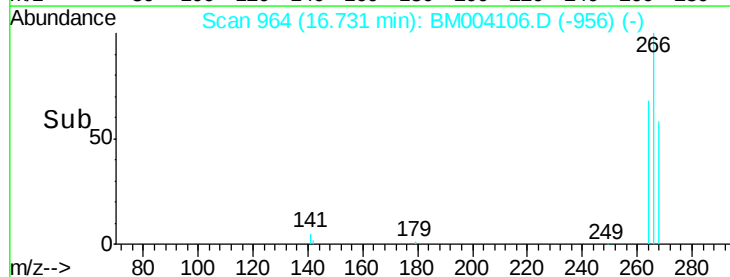
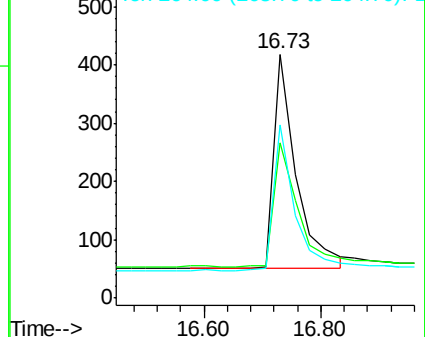
264 71.1 45.7 68.5#

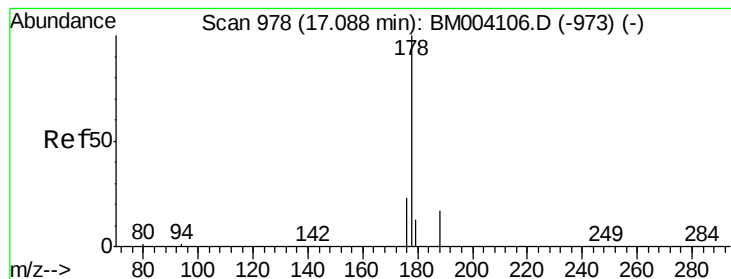


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.95 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

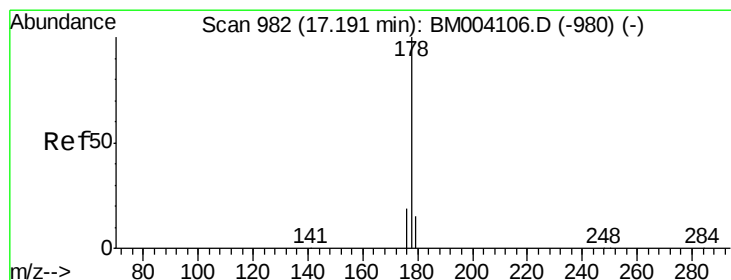
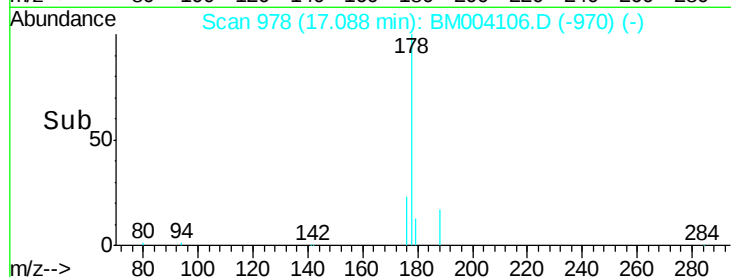
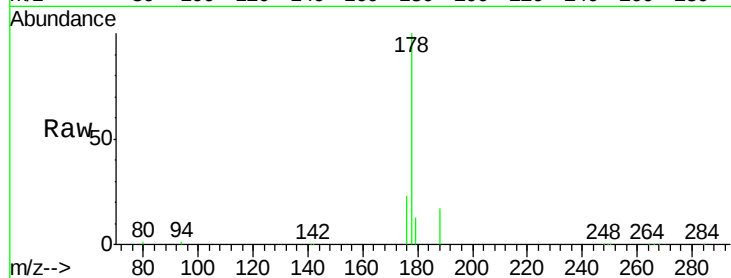
Tot Ion:178 Resp: 30969

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

179 15.3 12.2 18.4



#24

Anthracene

Concen: 1.06 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

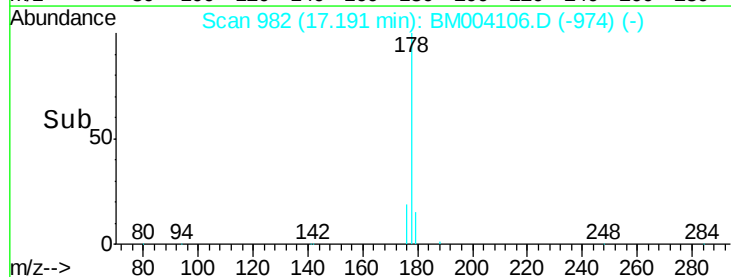
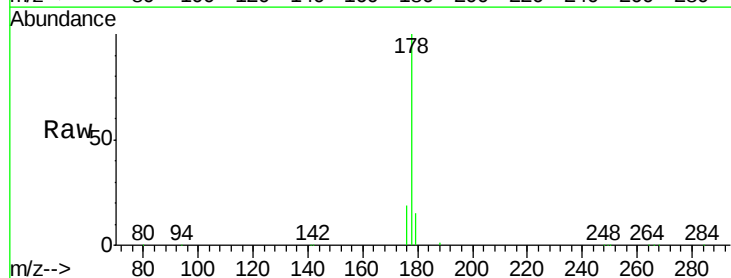
Tgt Ion:178 Resp: 33369

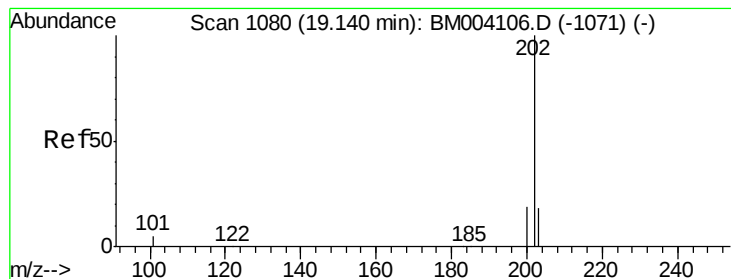
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.0 12.6 19.0





#25

Fluoranthene

Concen: 1.12 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

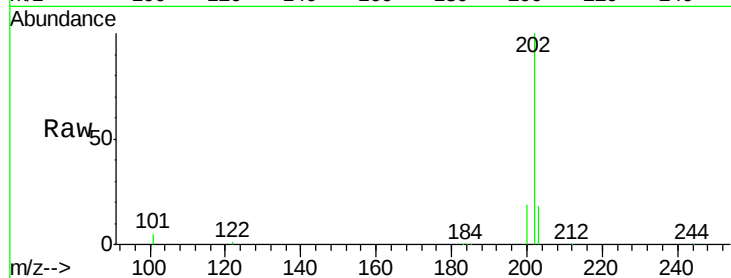
Tot Ion:202 Resp: 39242

Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

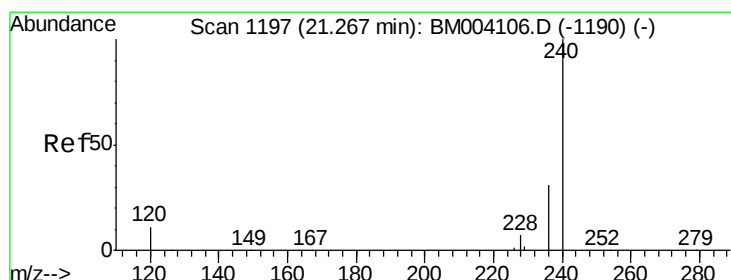
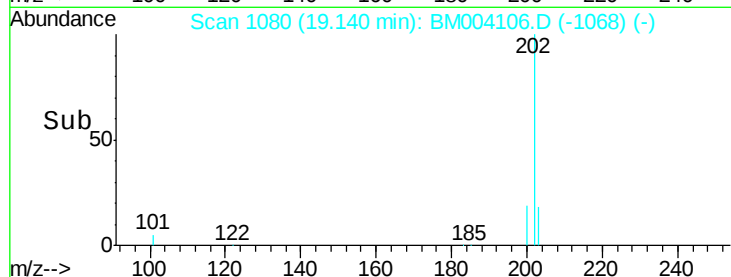
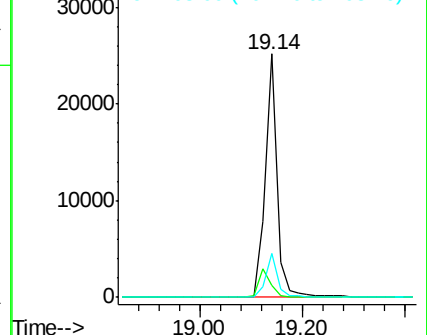
203 17.4 13.8 20.8



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: BM004106.D

Acq: 22 Jan 2016 12:16

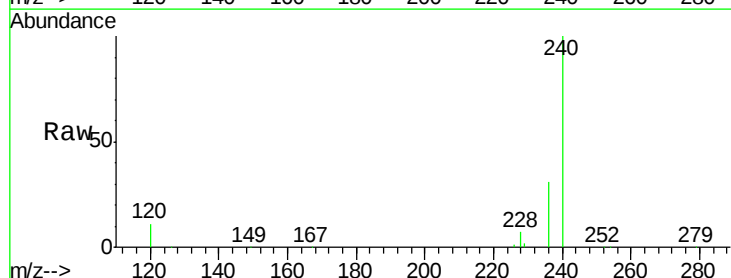
Tgt Ion:240 Resp: 168135

Ion Ratio Lower Upper

240 100

120 11.5 0.9 1.3#

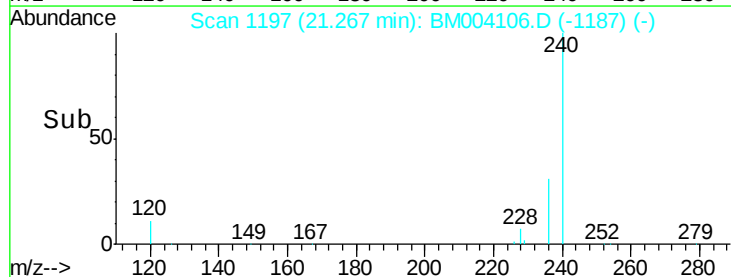
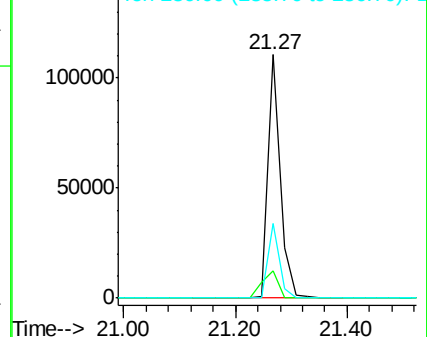
236 30.8 17.3 25.9#

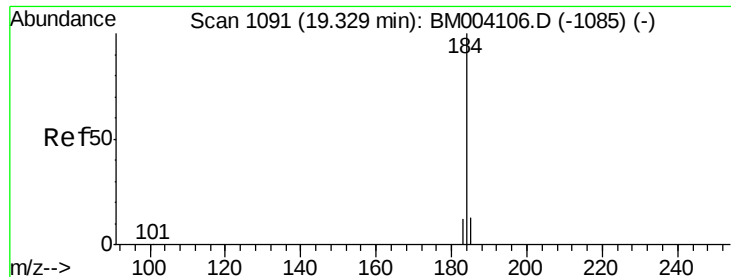


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

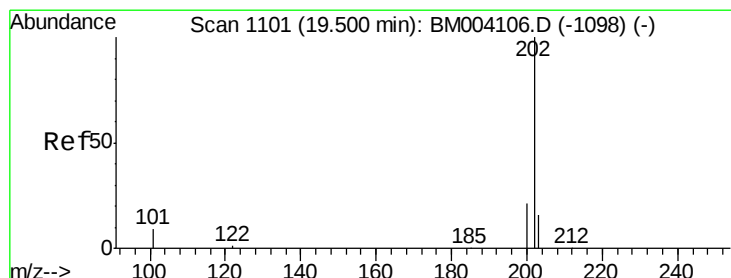
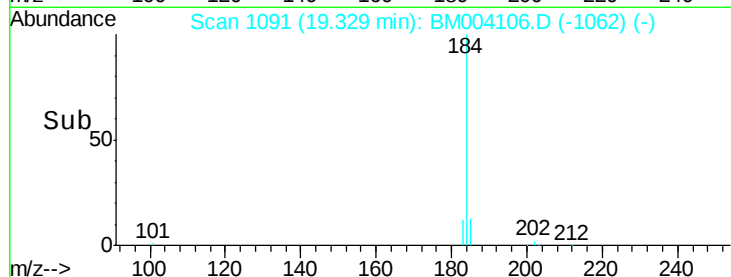
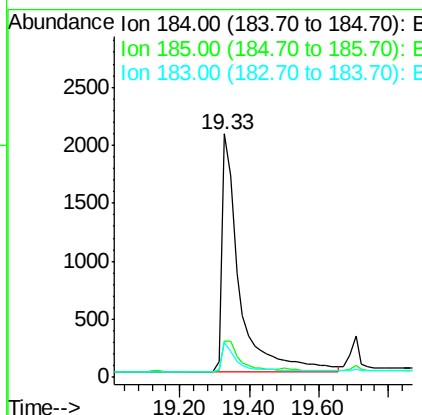
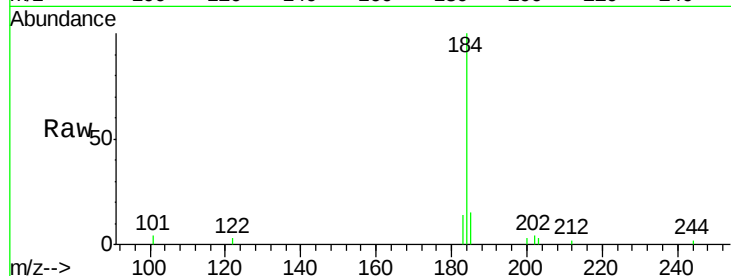




#27
Benzidine
Concen: 0.51 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

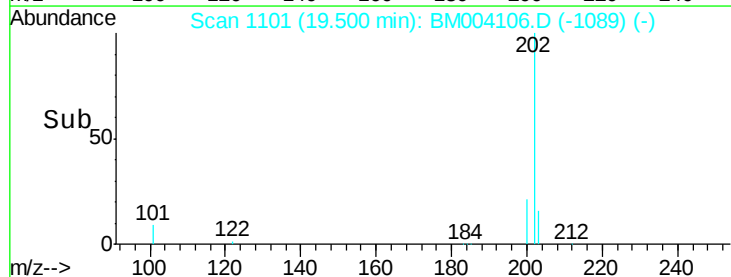
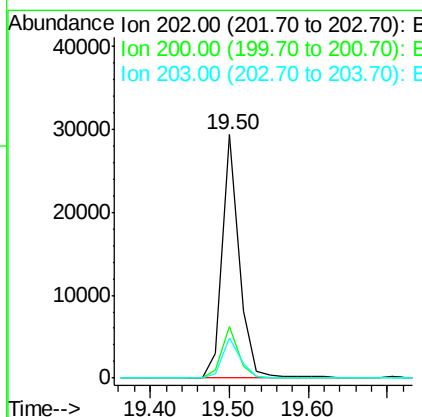
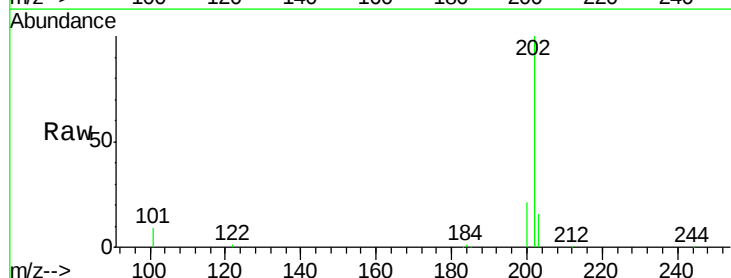
Instrument :
BNA_M
ClientSampled :

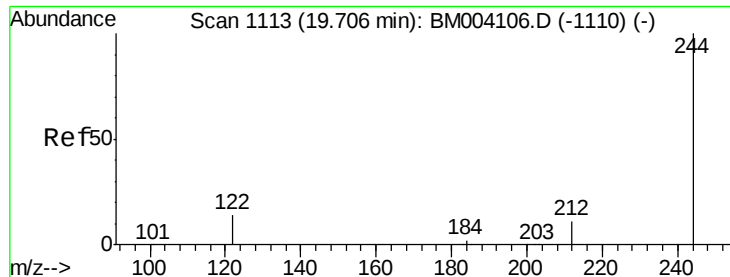
Tot Ion:184 Resp: 7136
Ion Ratio Lower Upper
184 100
185 14.8 13.2 19.8
183 14.2 9.0 13.6#



#28
Pyrene
Concen: 0.71 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

Tgt Ion:202 Resp: 43125
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.70 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

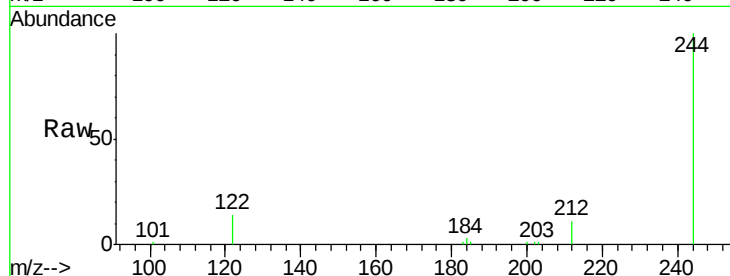
Tot Ion:244 Resp: 19190

Ion Ratio Lower Upper

244 100

212 10.9 7.0 10.6#

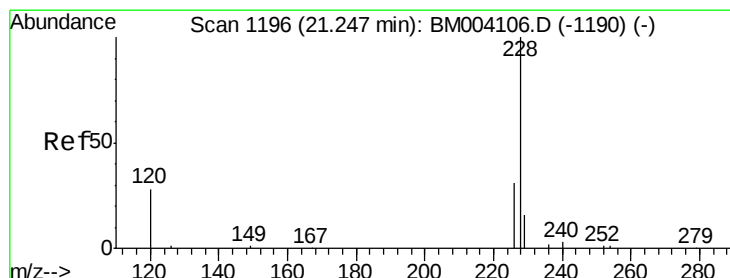
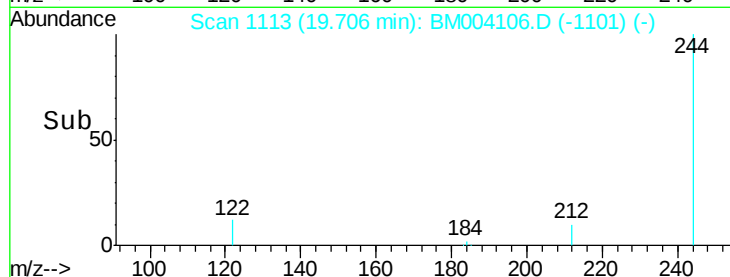
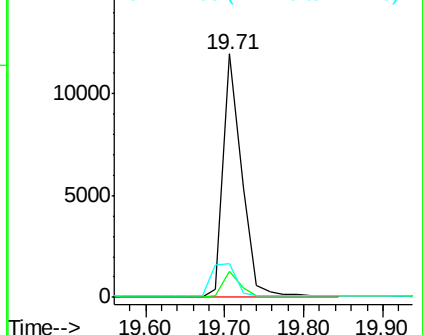
122 14.0 3.0 4.6#



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: 0.95 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

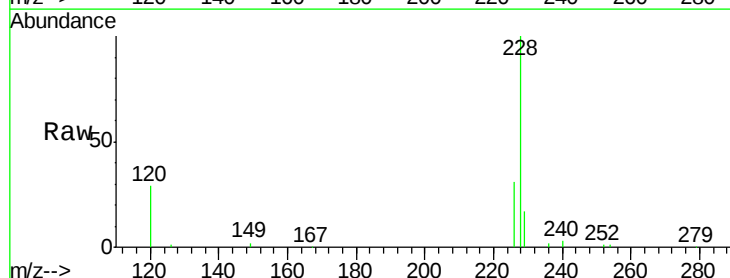
Tgt Ion:228 Resp: 45256

Ion Ratio Lower Upper

228 100

226 30.9 17.2 25.8#

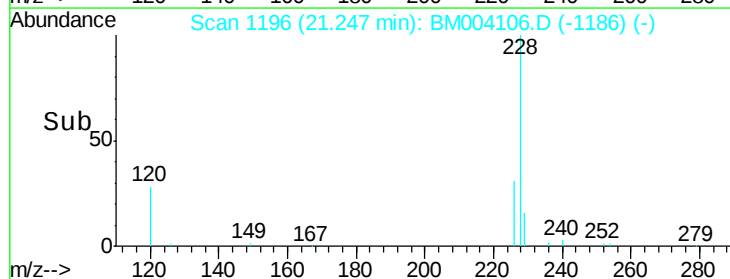
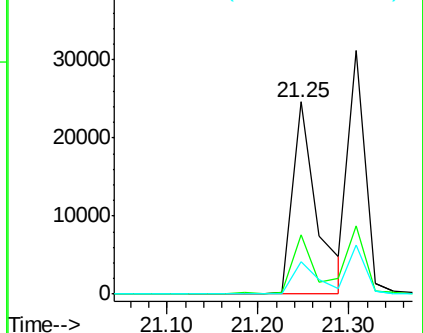
229 16.6 18.7 28.1#

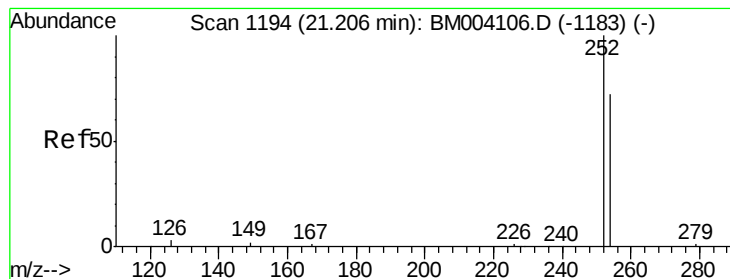


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.77 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

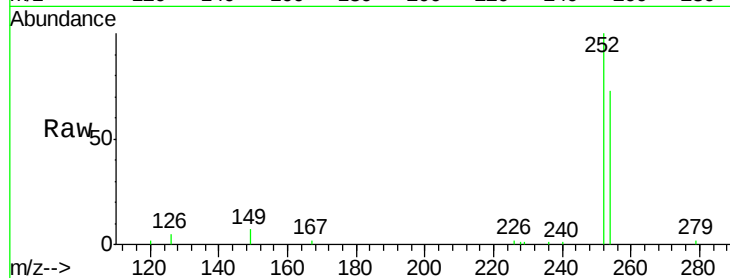
Tot Ion:252 Resp: 9308

Ion Ratio Lower Upper

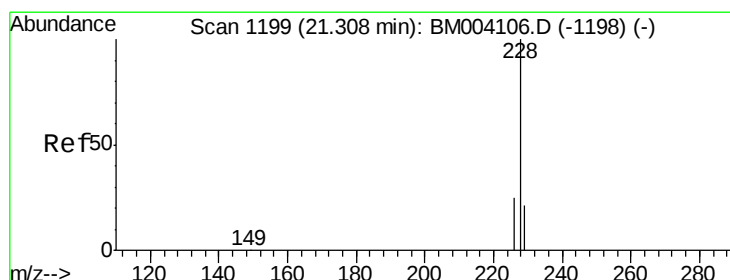
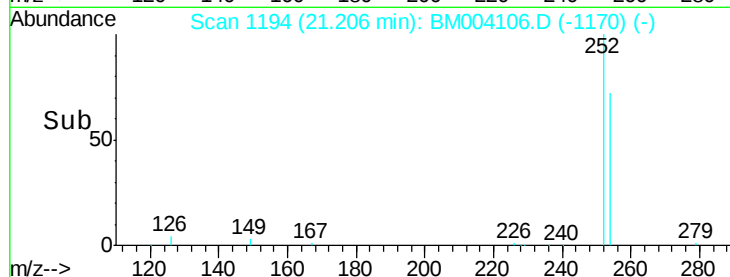
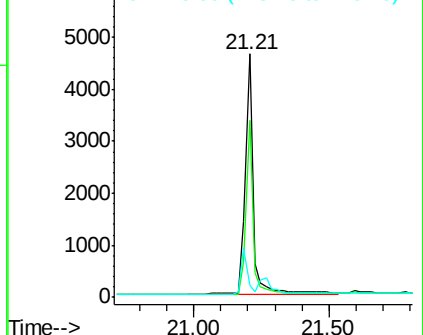
252 100

254 72.5 52.6 79.0

126 4.8 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: 0.82 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

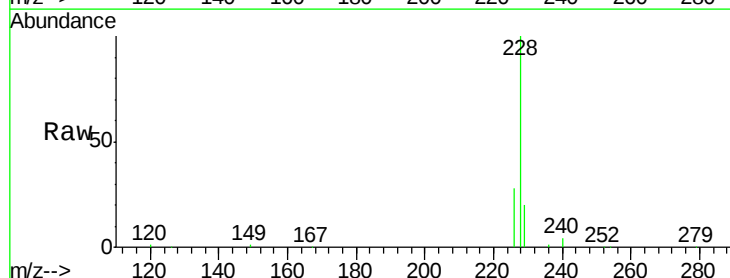
Tgt Ion:228 Resp: 40517

Ion Ratio Lower Upper

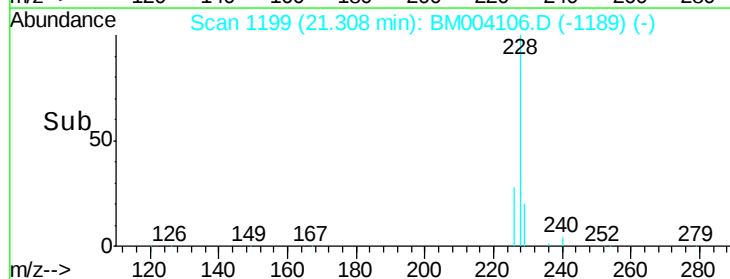
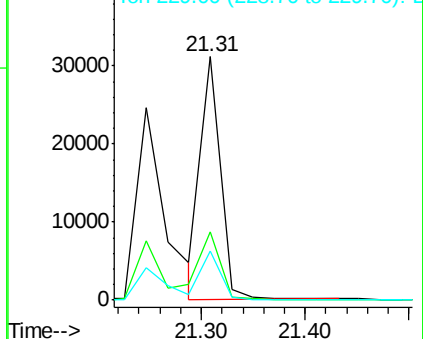
228 100

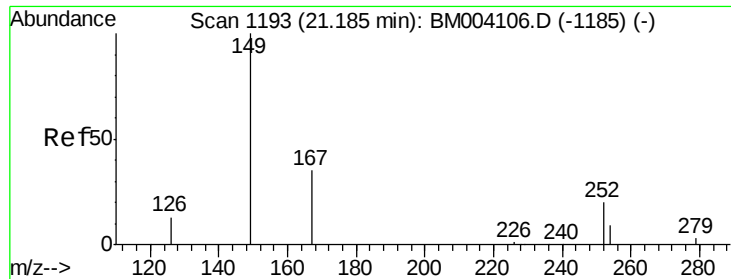
226 27.8 25.3 37.9

229 20.4 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: 0.67 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

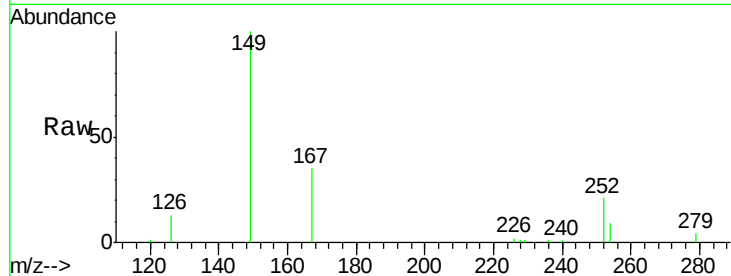
Tot Ion:149 Resp: 14089

Ion Ratio Lower Upper

149 100

167 27.8 20.1 30.1

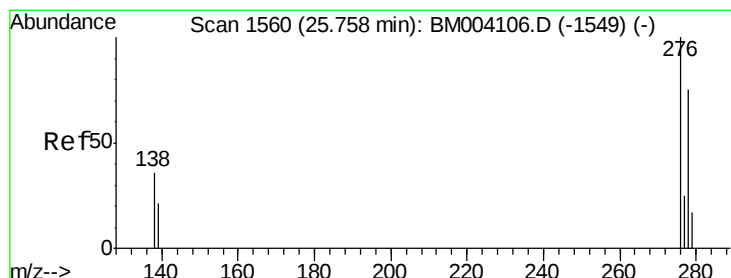
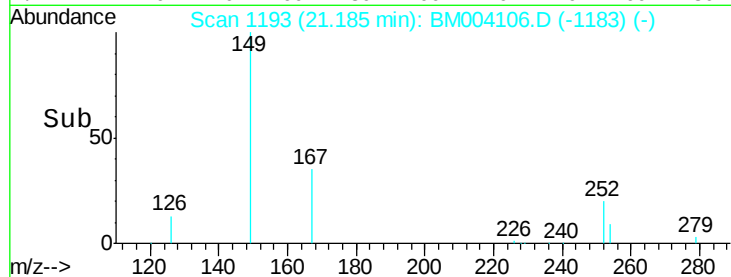
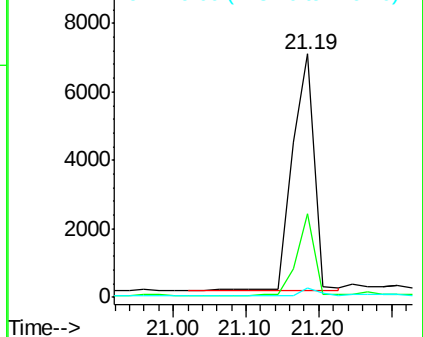
279 2.5 1.8 2.6



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: 1.22 ng

RT: 25.76 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

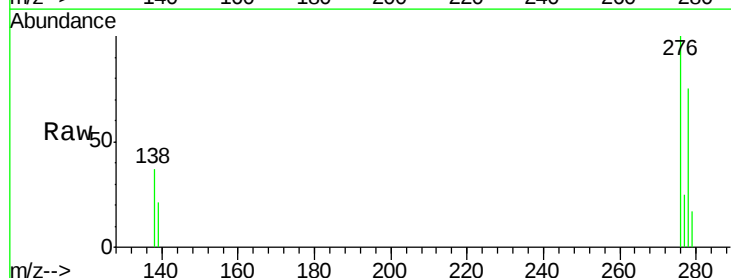
Tgt Ion:276 Resp: 43461

Ion Ratio Lower Upper

276 100

138 37.5 30.2 45.2

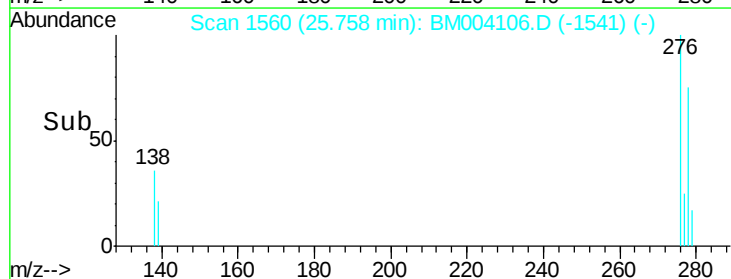
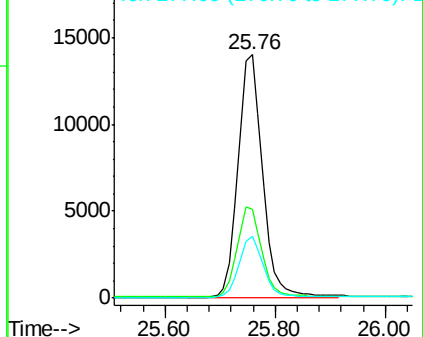
277 24.7 19.8 29.8

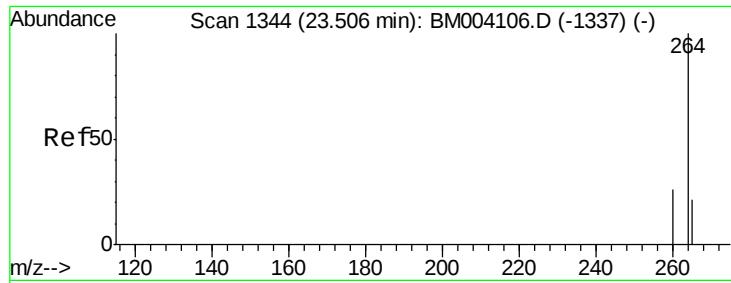


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

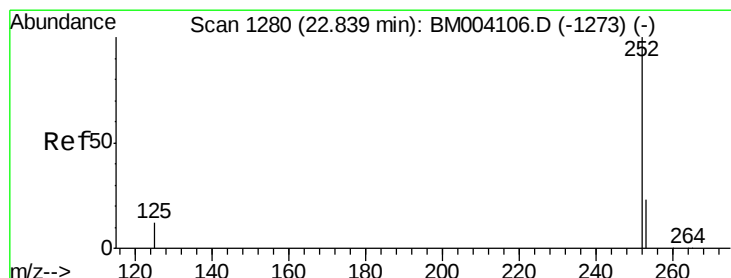
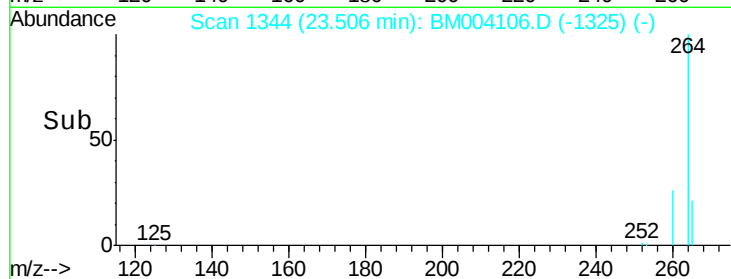
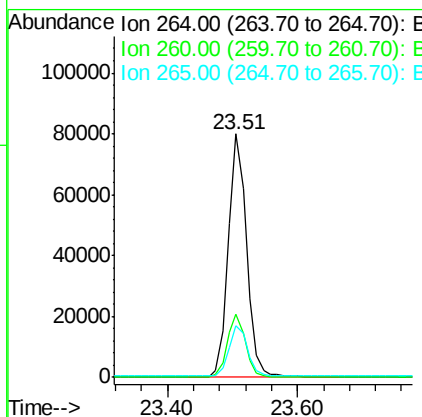
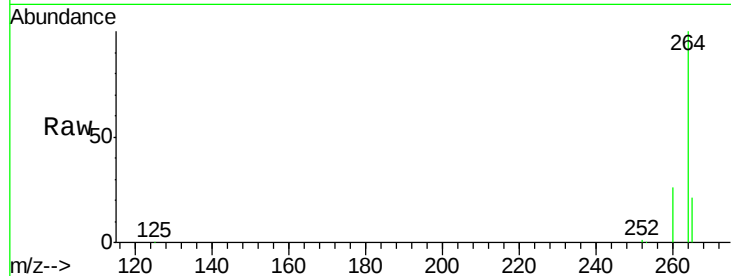




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM004106.D
 Acq: 22 Jan 2016 12:16

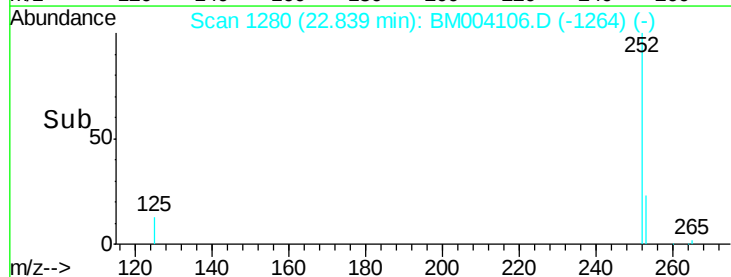
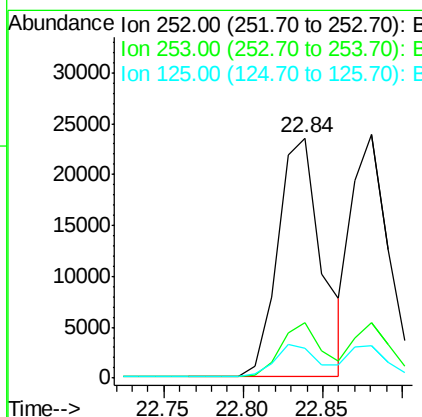
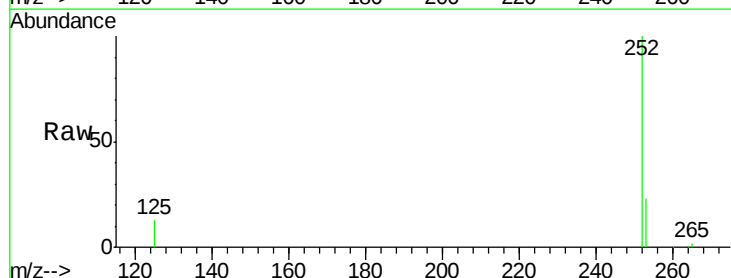
Instrument :
 BNA_M
 ClientSampled :

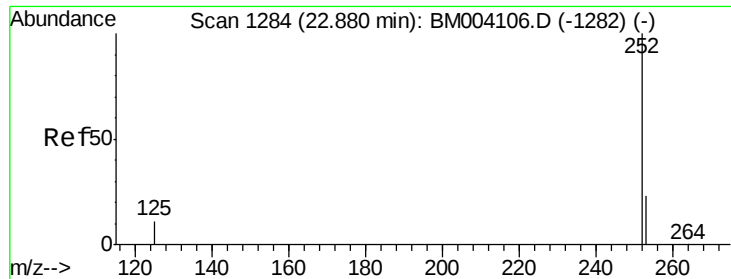
Tot Ion:264 Resp: 155965
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.2 31.8
 265 21.1 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.94 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM004106.D
 Acq: 22 Jan 2016 12:16

Tgt Ion:252 Resp: 44993
 Ion Ratio Lower Upper
 252 100
 253 23.3 18.8 28.2
 125 12.6 10.2 15.4

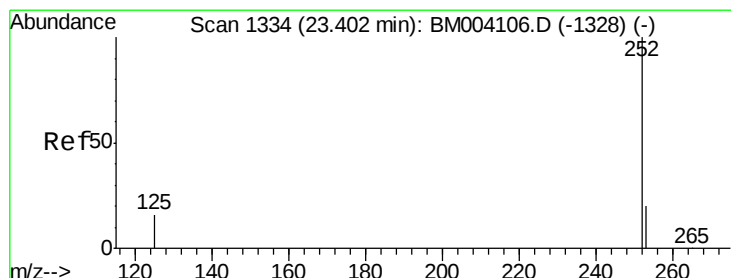
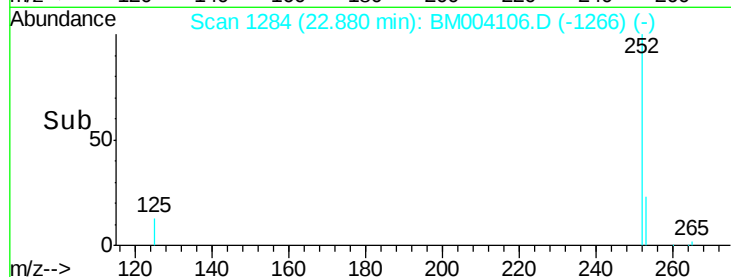
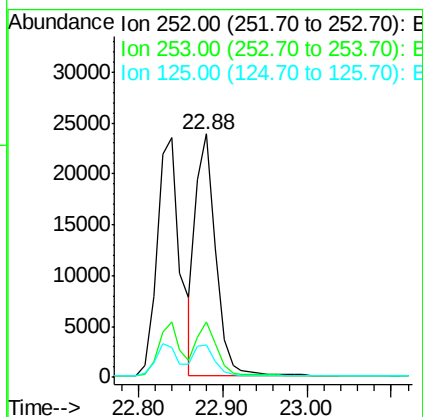
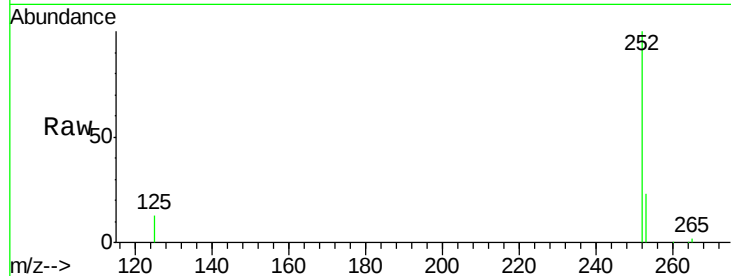




#37
Benzo(k)fluoranthene
Concen: 0.84 ng
RT: 22.88 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

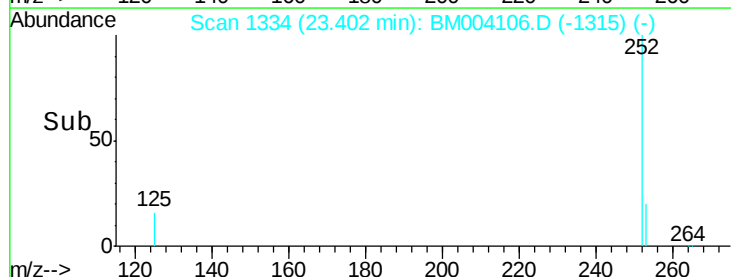
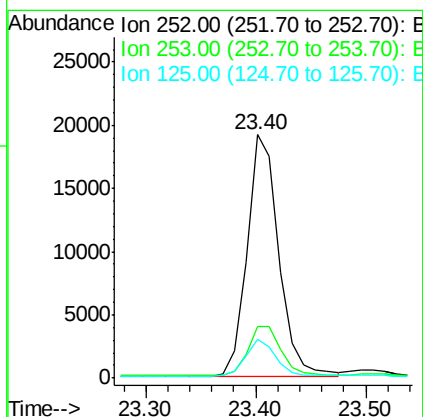
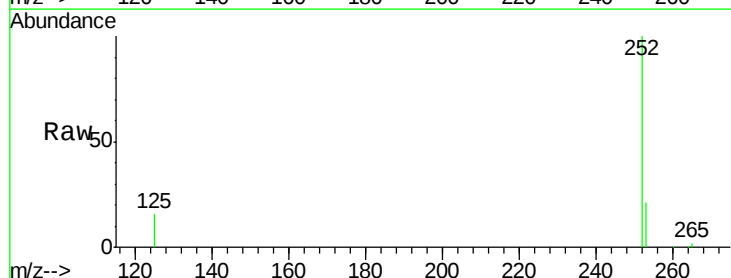
Instrument :
BNA_M
ClientSampleId :

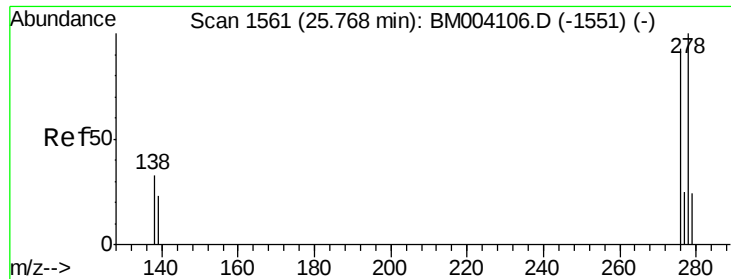
Tot Ion:252 Resp: 38810
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 13.3 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.94 ng
RT: 23.40 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM004106.D
Acq: 22 Jan 2016 12:16

Tgt Ion:252 Resp: 38015
Ion Ratio Lower Upper
252 100
253 21.2 18.7 28.1
125 16.2 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 0.99 ng

RT: 25.77 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

Instrument :

BNA_M

ClientSampleId :

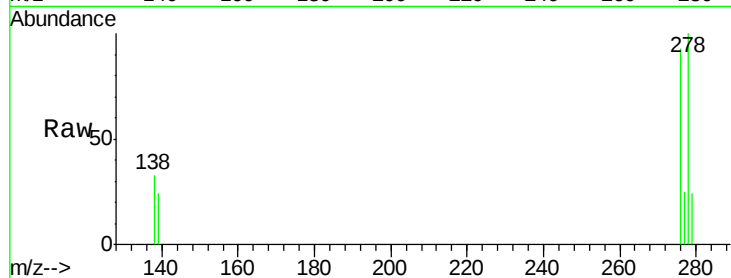
Tot Ion:278 Resp: 34439

Ion Ratio Lower Upper

278 100

139 23.7 19.0 28.6

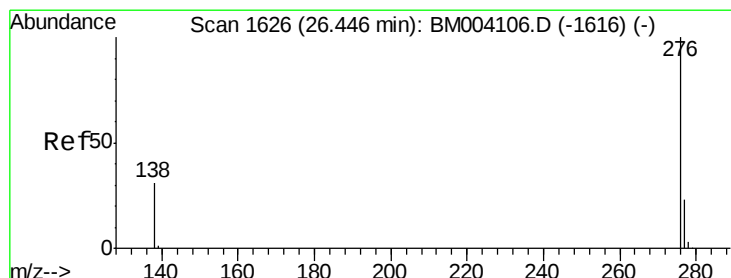
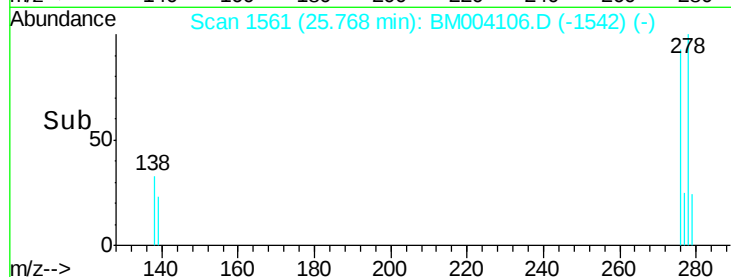
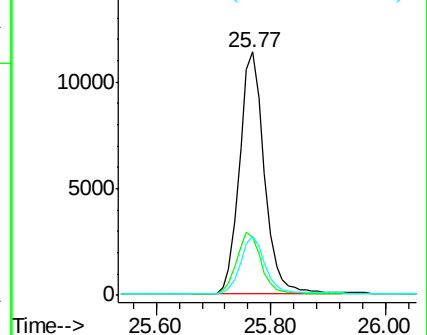
279 24.2 19.6 29.4



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: 1.02 ng

RT: 26.45 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 22 Jan 2016 12:16

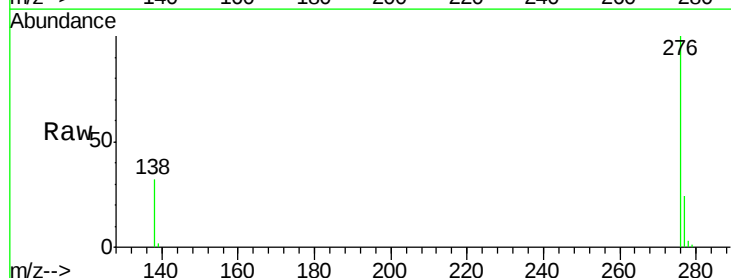
Tgt Ion:276 Resp: 37316

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

