

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012216\
 Data File : BM004108.D
 Acq On : 22 Jan 2016 13:27
 Operator : SJ/UM
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Jan 22 14:13:42 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 13:38:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	20724	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	91484	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	53087	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	140167	5.00	ng	0.00
26) Chrysene-d12	21.27	240	151307	5.00	ng	0.00
35) Perylene-d12	23.51	264	147640	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	22765	5.39	ng	-0.02
5) Phenol-d6	6.85	99	29411	5.97	ng	0.00
8) Nitrobenzene-d5	8.83	82	22938	6.11	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	9204	6.66	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	80205	4.93	ng	0.00
29) Terphenyl-d14	19.71	244	99302	5.10	ng	0.00

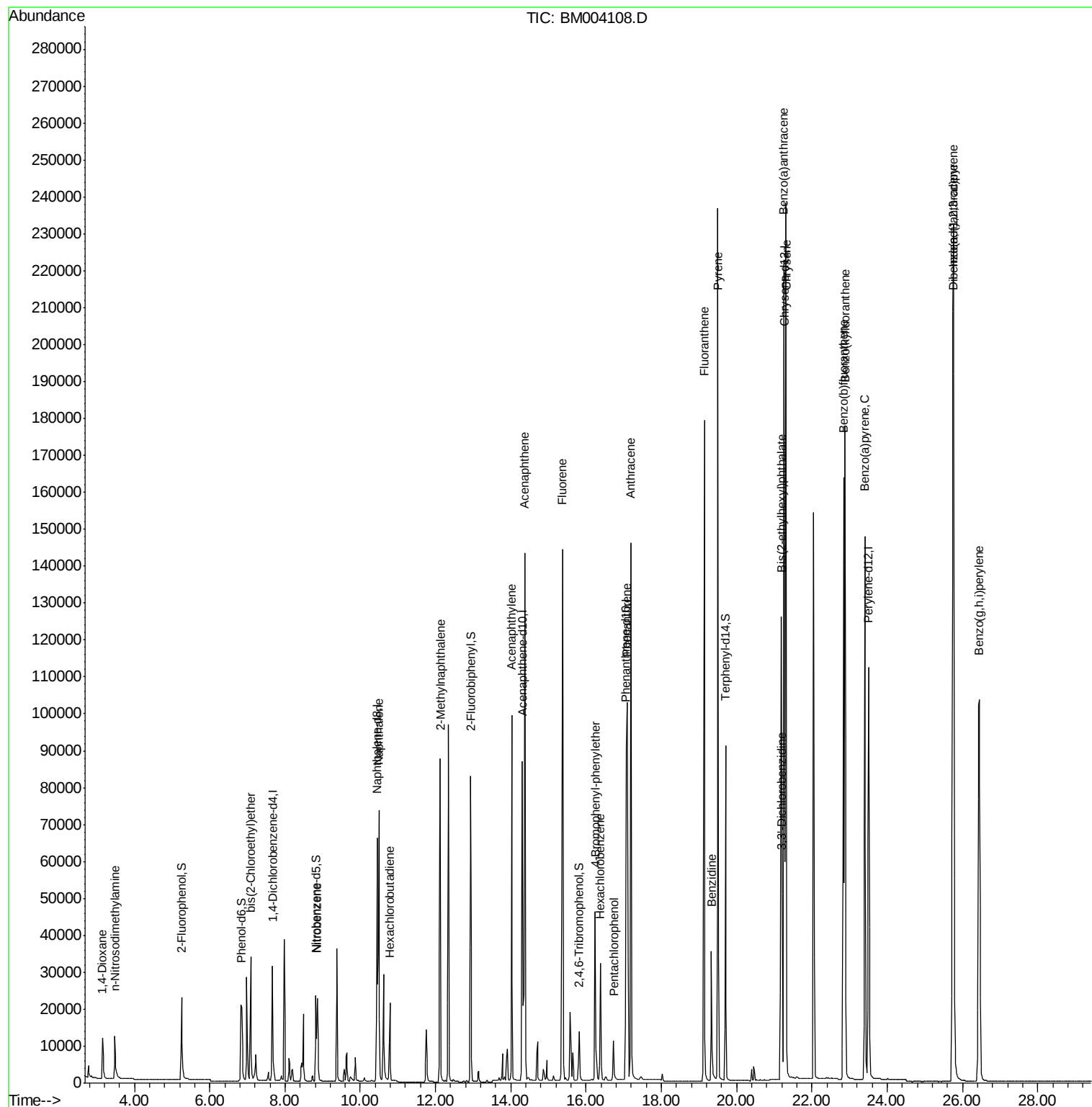
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	9514	3.97	ng	95
3) n-Nitrosodimethylamine	3.48	42	10460	5.99	ng	96
6) bis(2-Chloroethyl)ether	7.09	93	25979	5.53	ng	99
9) Nitrobenzene	8.86	77	27333	6.50	ng	98
10) Naphthalene	10.49	128	103709	4.82	ng	97
11) Hexachlorobutadiene	10.79	225	15908	4.78	ng	99
12) 2-Methylnaphthalene	12.12	142	70744	5.10	ng	95
16) Acenaphthylene	14.02	152	130257	5.95	ng	100
17) Acenaphthene	14.37	154	81401	4.64	ng	97
18) Fluorene	15.37	166	103702	4.95	ng	98
20) 4-Bromophenyl-phenylether	16.24	248	25600	5.66	ng	# 70
21) Hexachlorobenzene	16.37	284	26108	5.44	ng	# 67
22) Pentachlorophenol	16.73	266	9138	9.89	ng	88
23) Phenanthrene	17.09	178	152790	4.97	ng	97
24) Anthracene	17.19	178	181304	5.90	ng	99
25) Fluoranthene	19.14	202	200219	5.30	ng	100
27) Benzdine	19.33	184	55398	10.76	ng	97
28) Pyrene	19.50	202	219514	5.08	ng	100
30) Benzo(a)anthracene	21.25	228	244663	5.32	ng	# 84
31) 3,3'-Dichlorobenzidine	21.21	252	60866	6.80	ng	# 84
32) Chrysene	21.31	228	203273	4.79	ng	93
33) Bis(2-ethylhexyl)phthalate	21.19	149	107012	6.89	ng	91
34) Indeno(1,2,3-cd)pyrene	25.75	276	242661	5.58	ng	100
36) Benzo(b)fluoranthene	22.84	252	237890	5.28	ng	99
37) Benzo(k)fluoranthene	22.88	252	203423	4.90	ng	99
38) Benzo(a)pyrene	23.40	252	211395	5.34	ng	95
39) Dibenzo(a,h)anthracene	25.76	278	194496	5.49	ng	96
40) Benzo(g,h,i)perylene	26.45	276	205820	5.27	ng	99

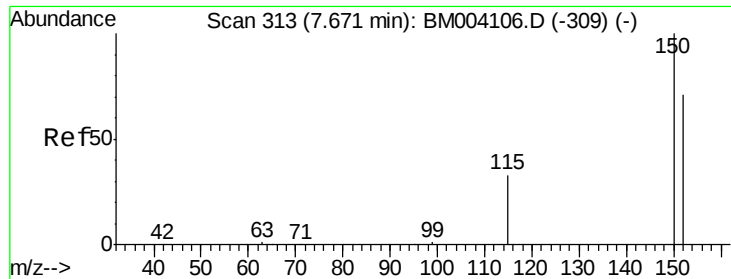
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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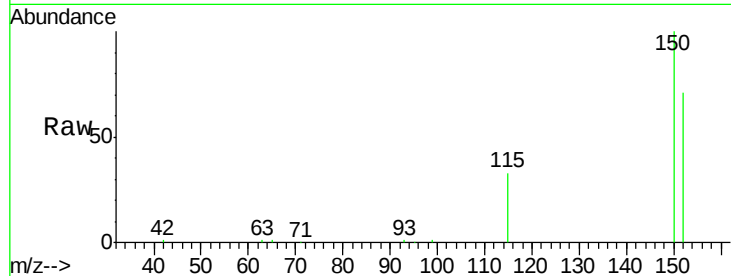


#1

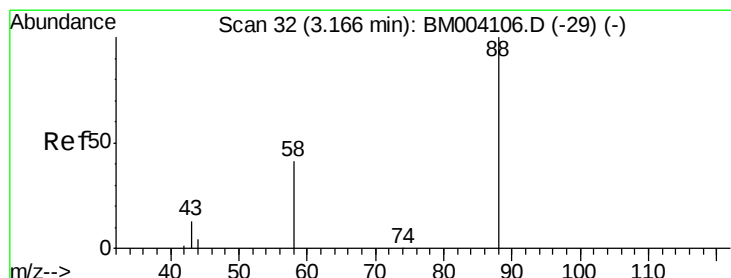
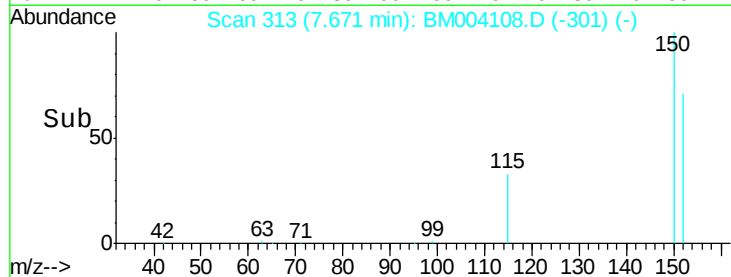
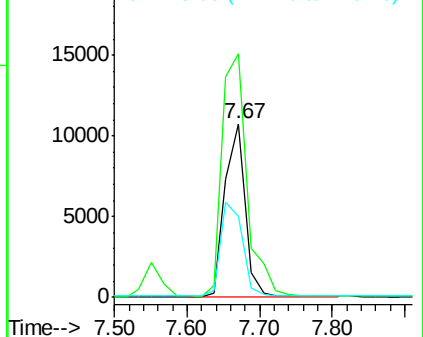
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tot Ion:152 Resp: 20724
Ion Ratio Lower Upper
152 100
150 140.0 122.9 184.3
115 46.3 44.4 66.6



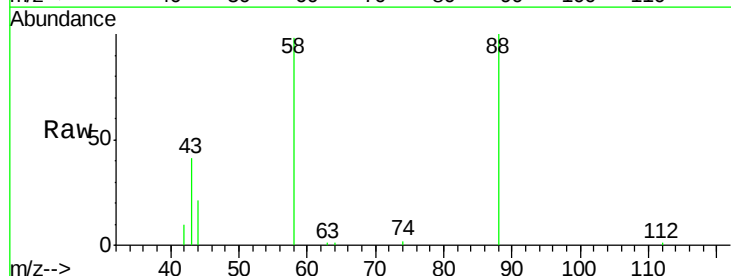
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



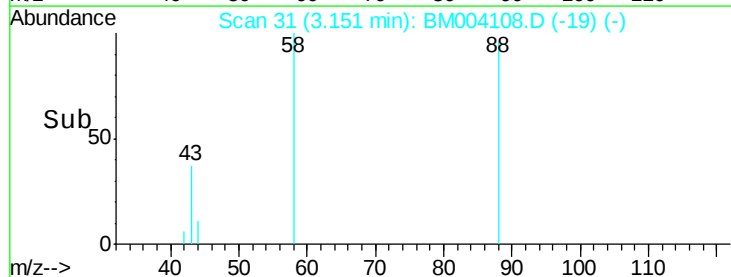
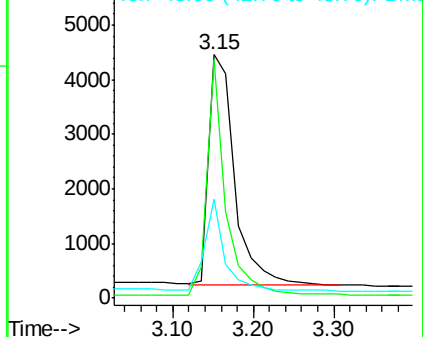
#2

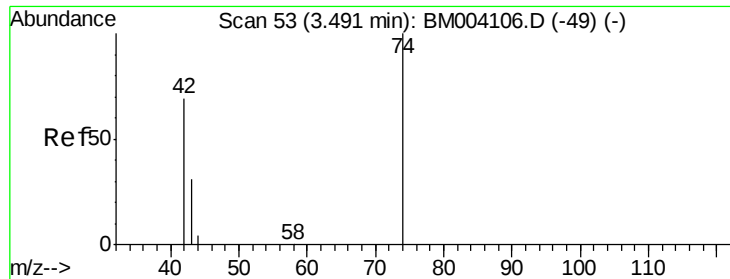
1,4-Dioxane
Concen: 3.97 ng
RT: 3.15 min Scan# 31
Delta R.T. -0.02 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

Tgt Ion: 88 Resp: 9514
Ion Ratio Lower Upper
88 100
58 72.2 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: 5.99 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

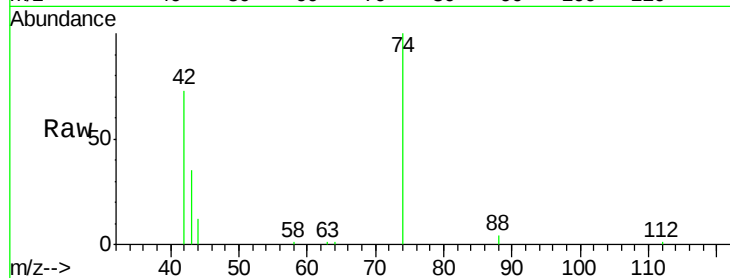
Tot Ion: 42 Resp: 10460

Ion Ratio Lower Upper

42 100

74 123.1 95.0 142.4

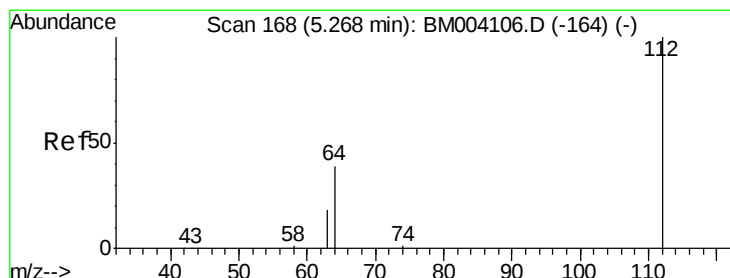
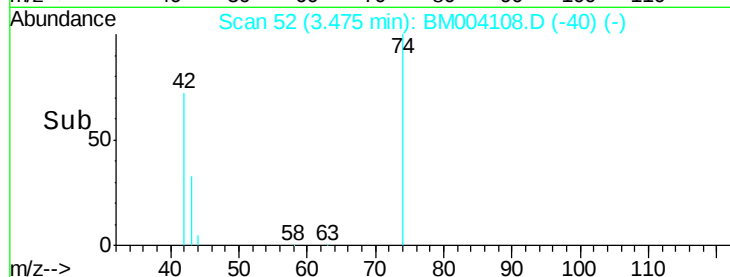
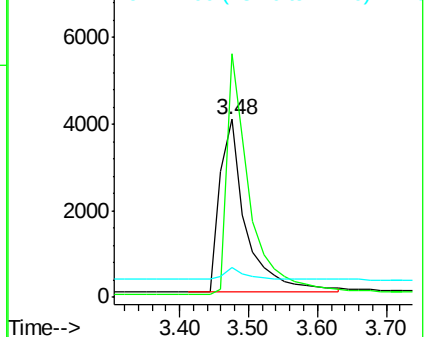
44 6.1 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004108.D (-49) (-)

Ion 74.00 (73.70 to 74.70): BM004108.D (-49) (-)

Ion 44.00 (43.70 to 44.70): BM004108.D (-49) (-)



#4

2-Fluorophenol

Concen: 5.39 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

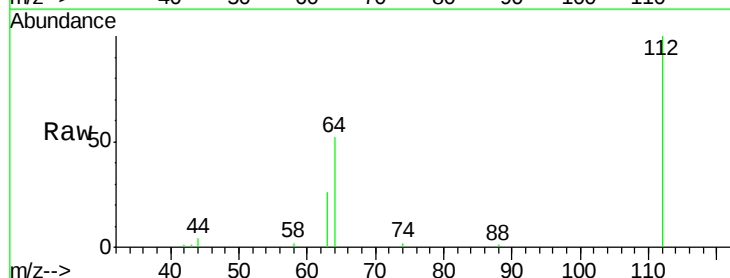
Tgt Ion: 112 Resp: 22765

Ion Ratio Lower Upper

112 100

64 52.0 41.8 62.8

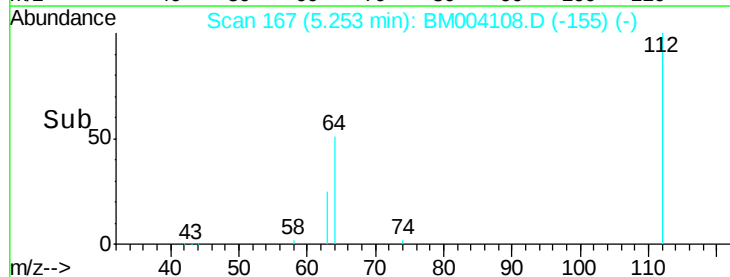
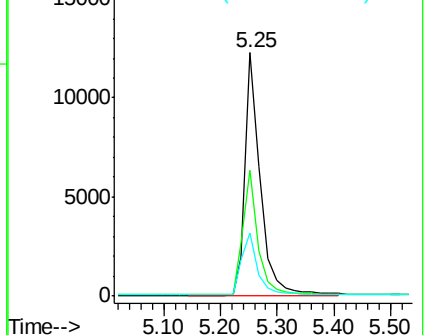
63 27.2 22.1 33.1

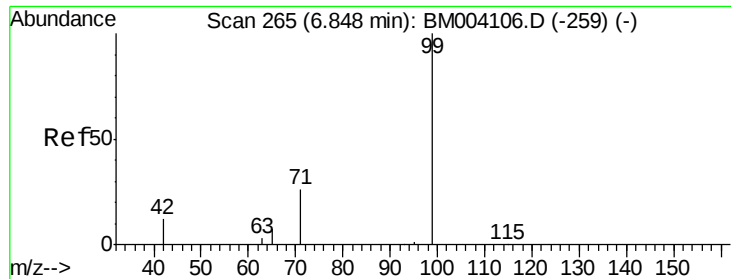


Abundance Ion 112.00 (111.70 to 112.70): BM004108.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM004108.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM004108.D (-164) (-)





#5

Phenol-d6

Concen: 5.97 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

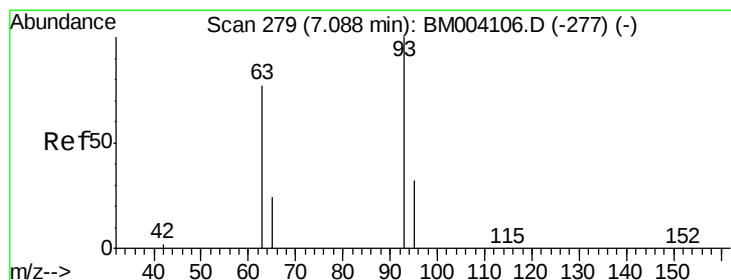
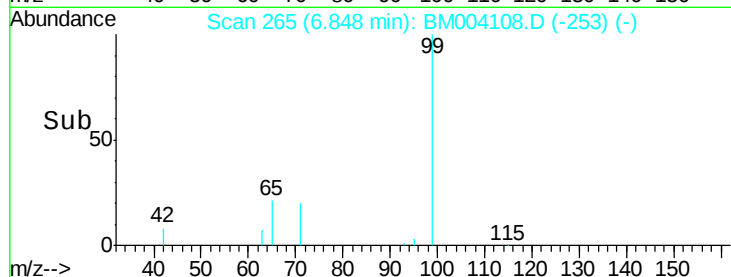
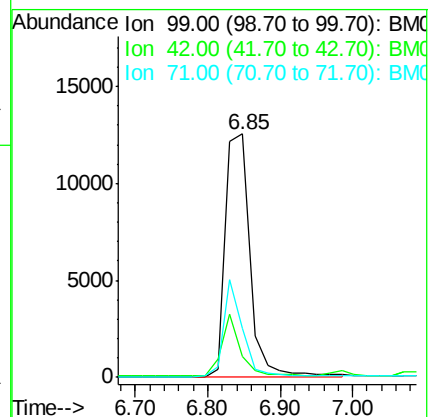
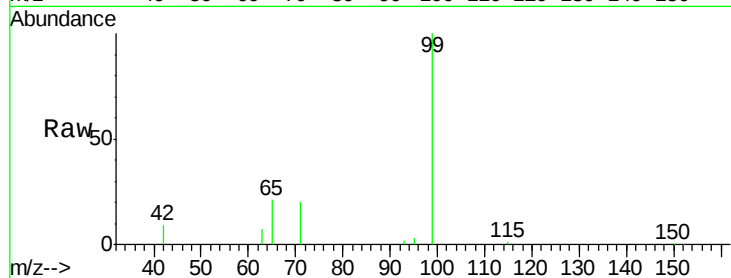
Tot Ion: 99 Resp: 29411

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

71 30.6 24.4 36.6



#6

bis(2-Chloroethyl)ether

Concen: 5.53 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

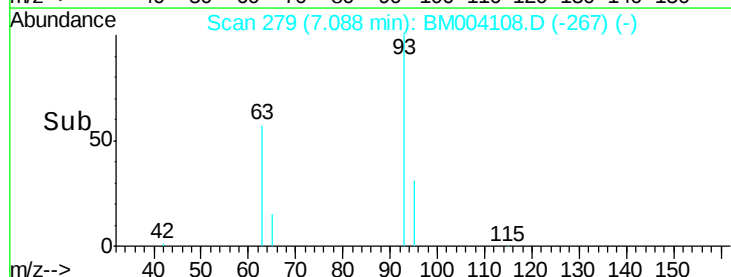
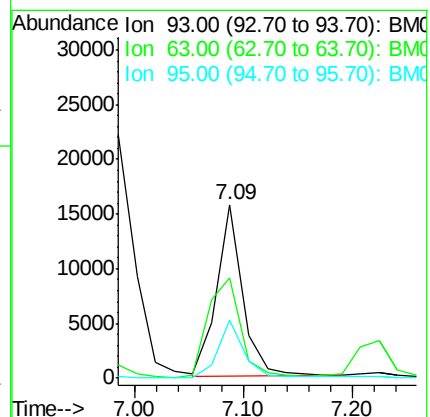
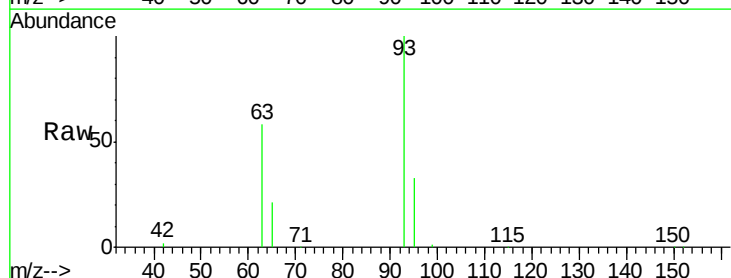
Tgt Ion: 93 Resp: 25979

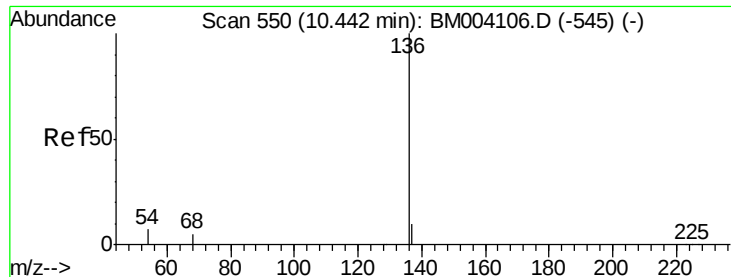
Ion Ratio Lower Upper

93 100

63 73.3 58.3 87.5

95 32.9 25.8 38.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

Tot Ion:136 Resp: 91484

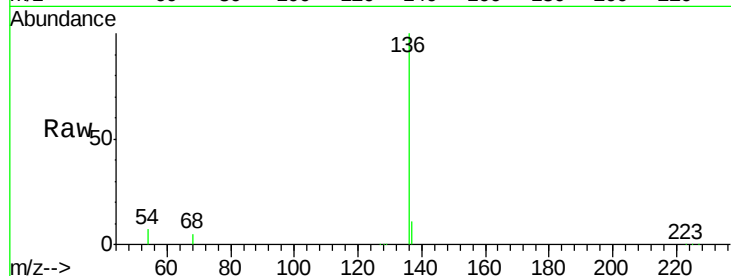
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 6.6 2.8 4.2#

68 5.1 2.5 3.7#



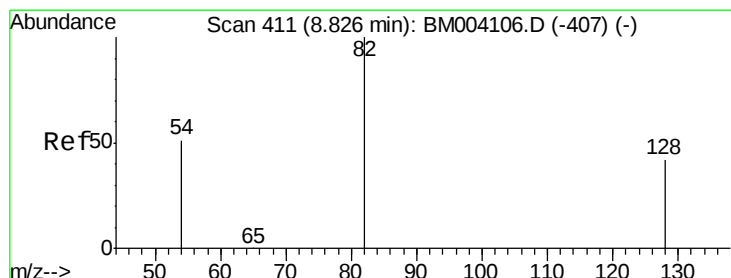
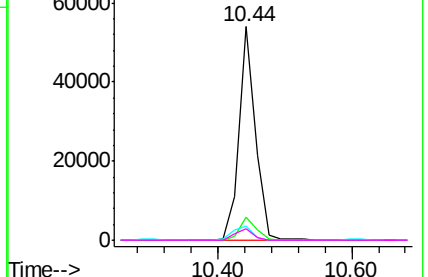
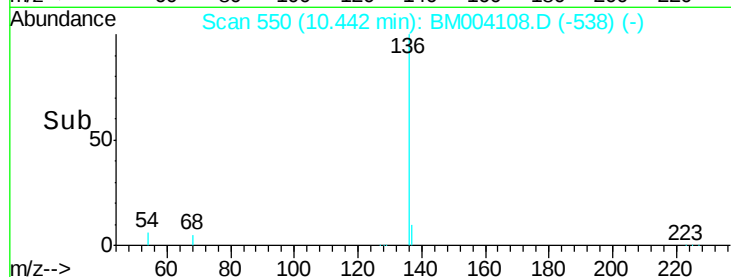
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 6.11 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

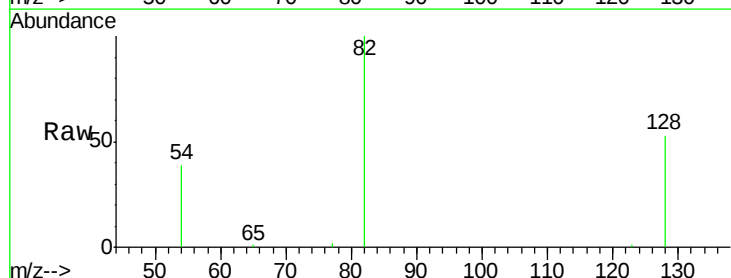
Tgt Ion: 82 Resp: 22938

Ion Ratio Lower Upper

82 100

128 53.1 39.1 58.7

54 38.9 34.8 52.2

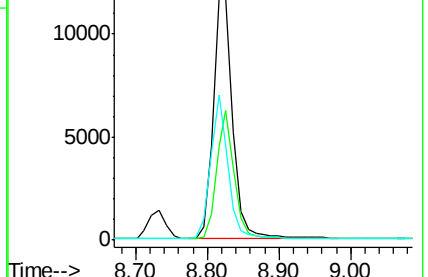
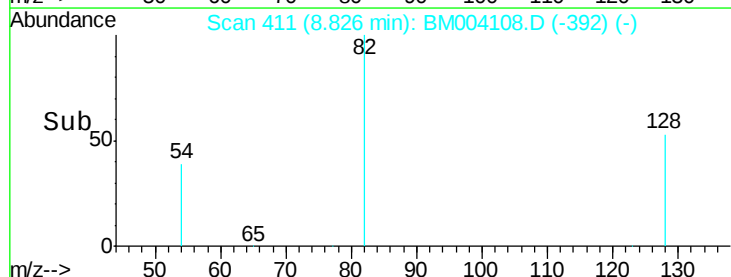


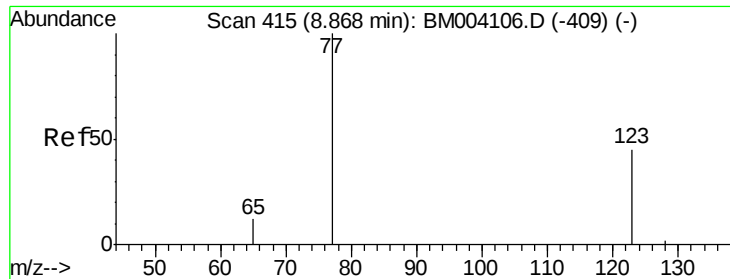
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

Time-->





#9

Nitrobenzene

Concen: 6.50 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.01 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

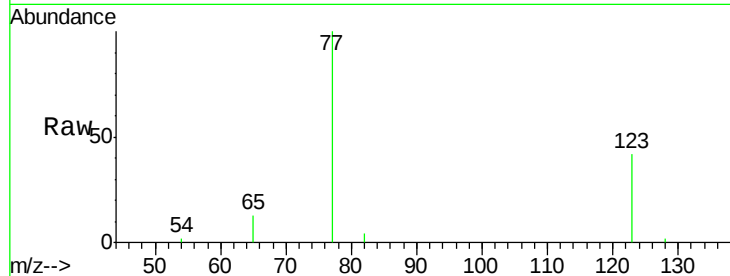
Tot Ion: 77 Resp: 27333

Ion Ratio Lower Upper

77 100

123 49.7 38.6 57.8

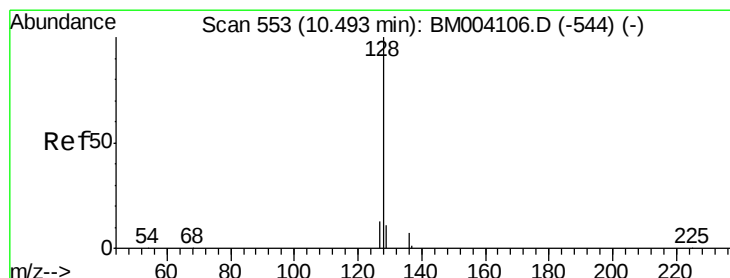
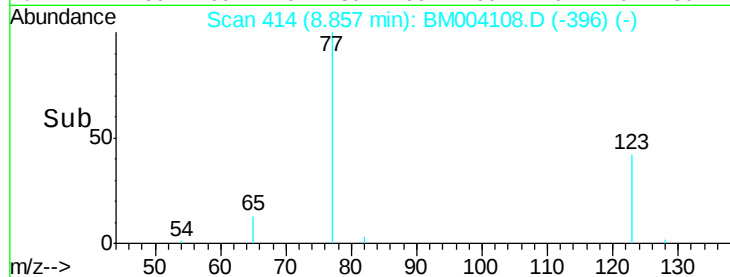
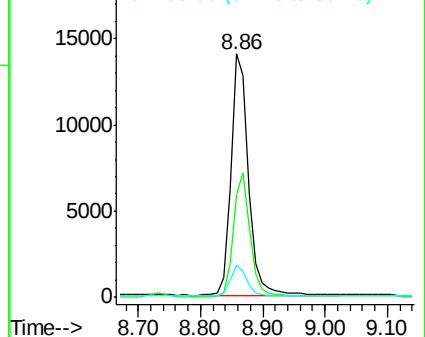
65 12.6 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004108.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM004108.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM004108.D (-396) (-)



#10

Naphthalene

Concen: 4.82 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

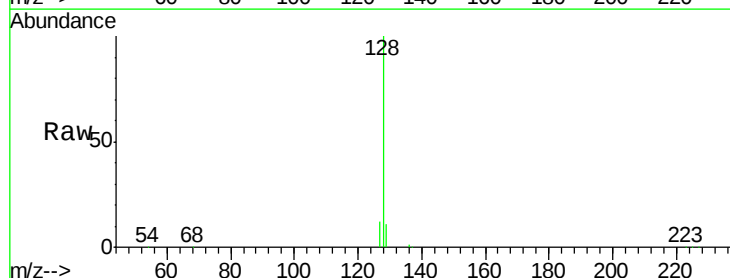
Tgt Ion: 128 Resp: 103709

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

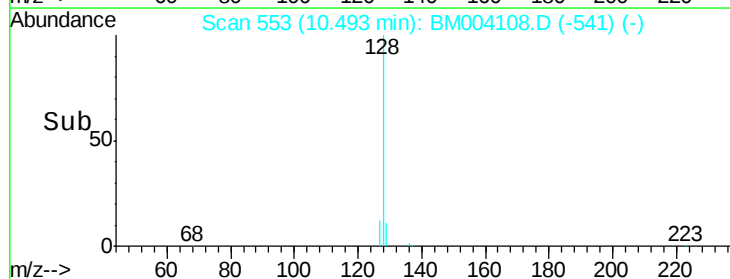
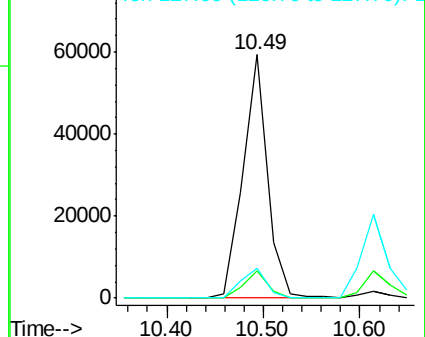
127 12.2 11.0 16.4

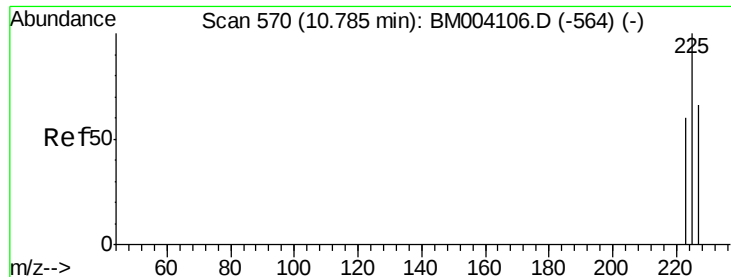


Abundance Ion 128.00 (127.70 to 128.70): BM004108.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004108.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004108.D (-541) (-)

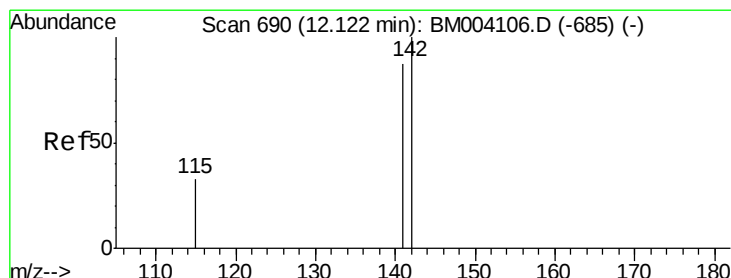
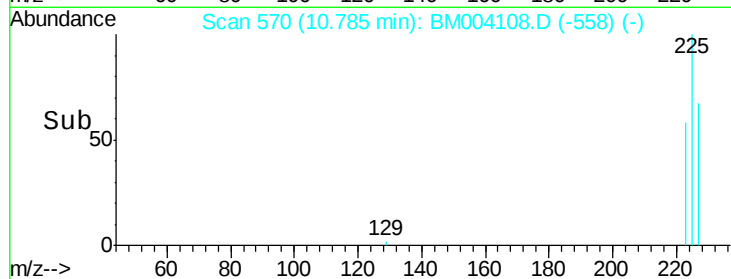
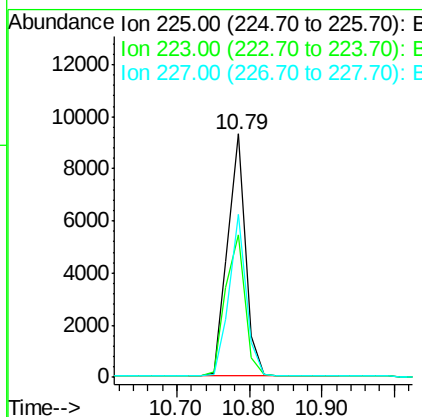
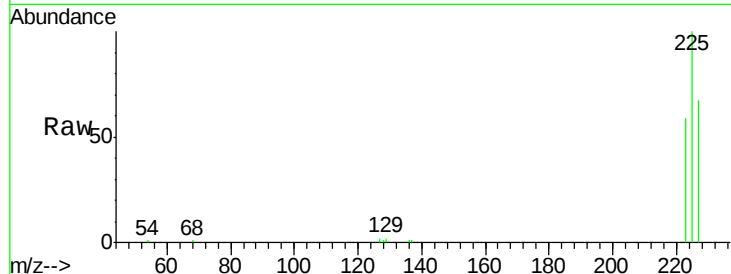




#11
Hexachlorobutadiene
Concen: 4.78 ng
RT: 10.79 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

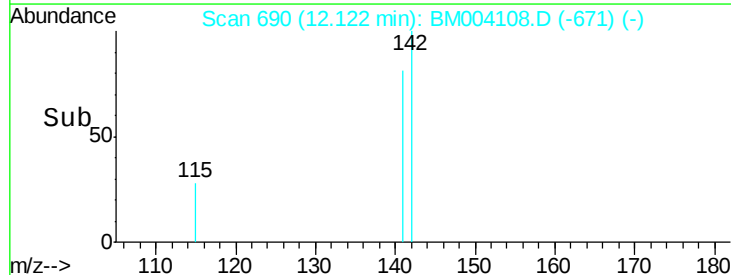
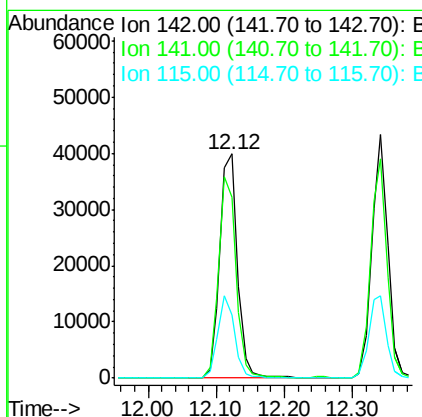
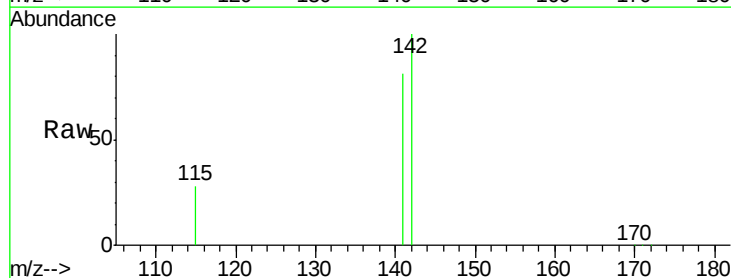
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

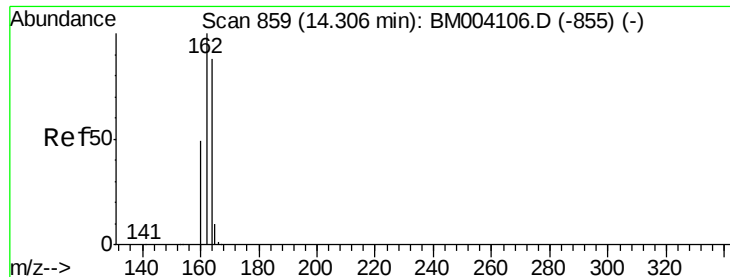
Tot Ion:225 Resp: 15908
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 63.7 51.2 76.8



#12
2-Methylnaphthalene
Concen: 5.10 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

Tgt Ion:142 Resp: 70744
Ion Ratio Lower Upper
142 100
141 80.8 67.8 101.8
115 28.3 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: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

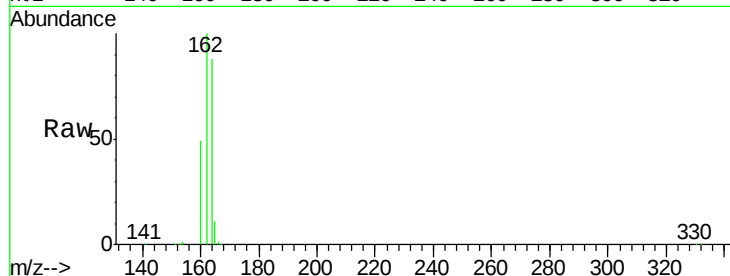
Tot Ion:164 Resp: 53087

Ion Ratio Lower Upper

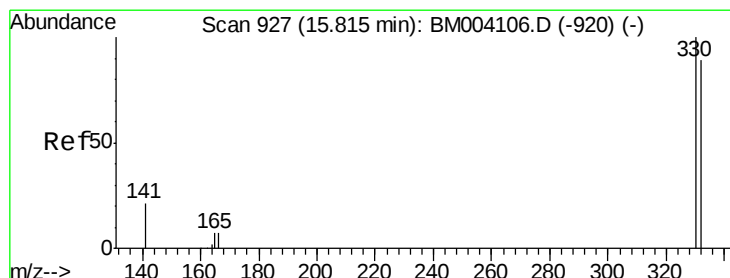
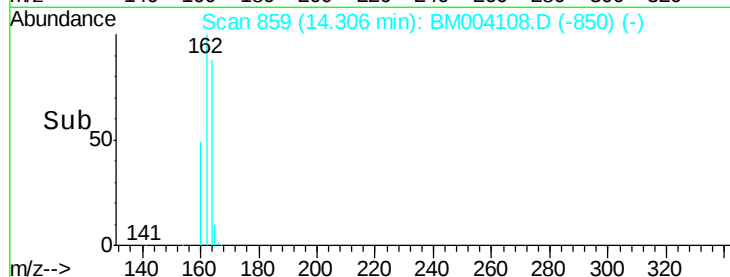
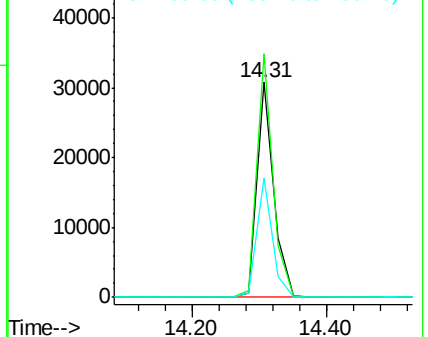
164 100

162 113.3 86.0 129.0

160 55.5 40.3 60.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 6.66 ng

RT: 15.82 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

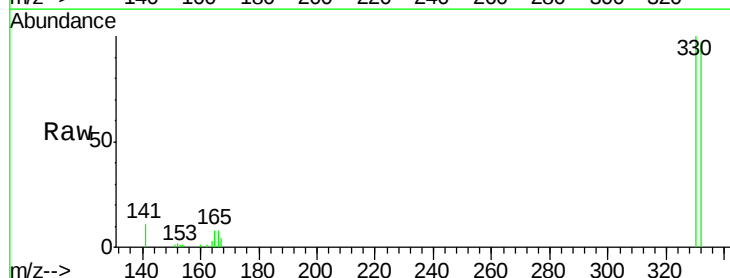
Tgt Ion:330 Resp: 9204

Ion Ratio Lower Upper

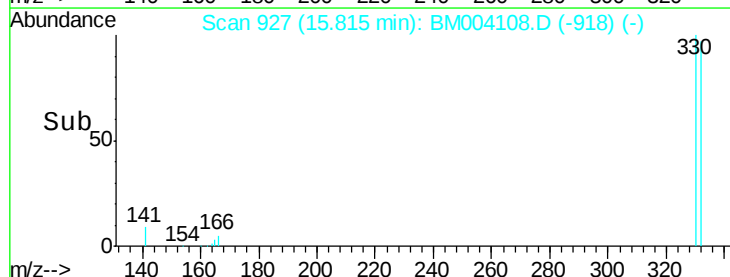
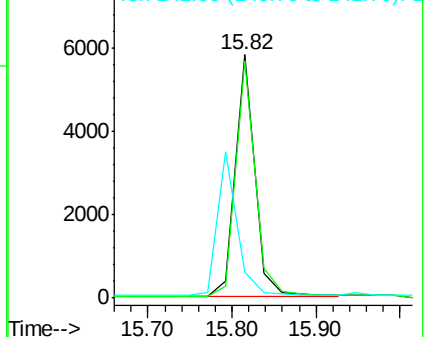
330 100

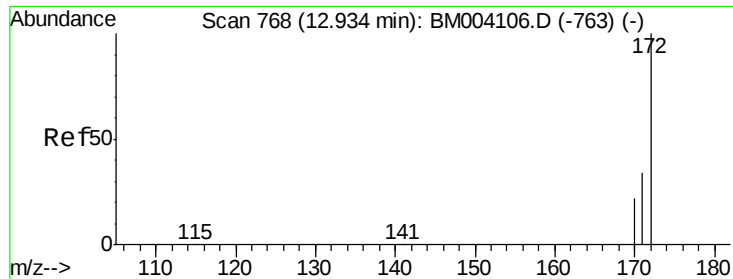
332 97.4 79.0 118.4

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

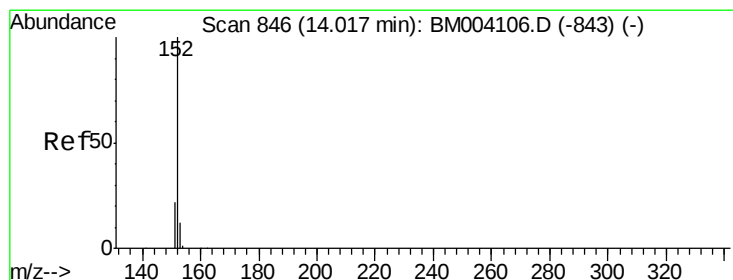
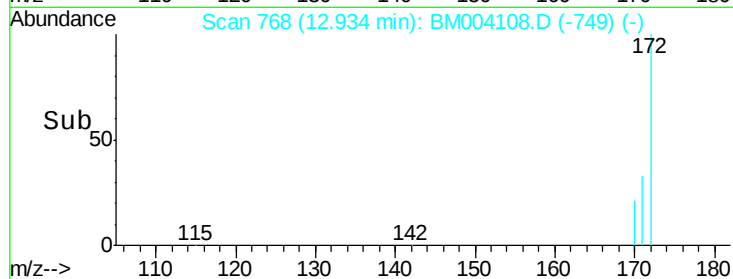
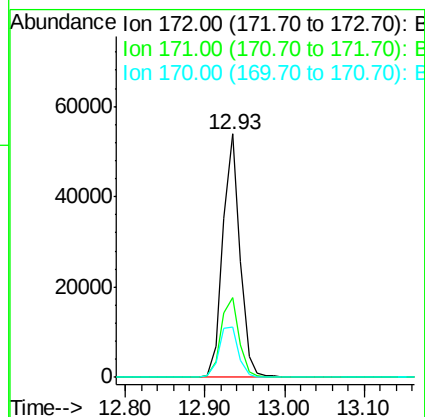
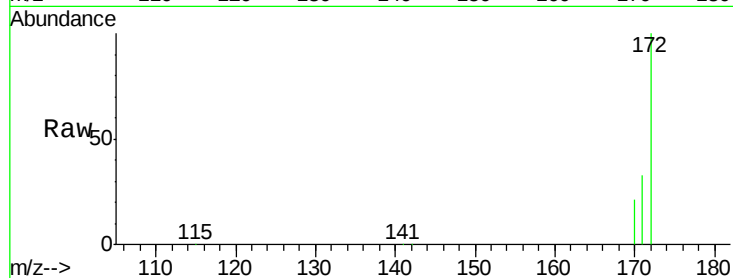




#15
2-Fluorobiphenyl
Concen: 4.93 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

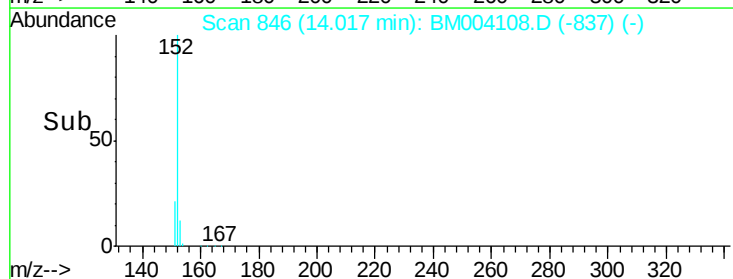
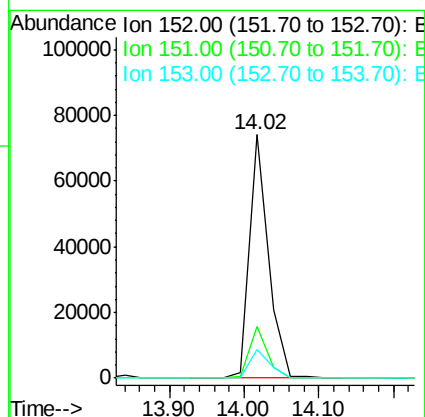
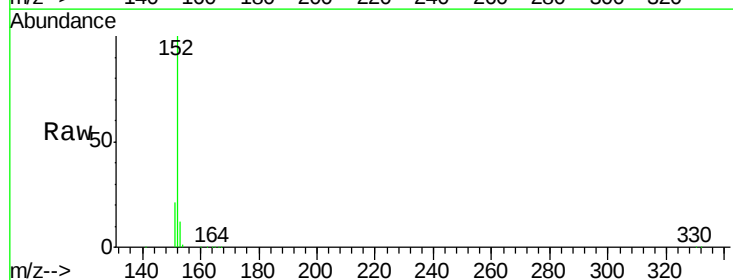
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

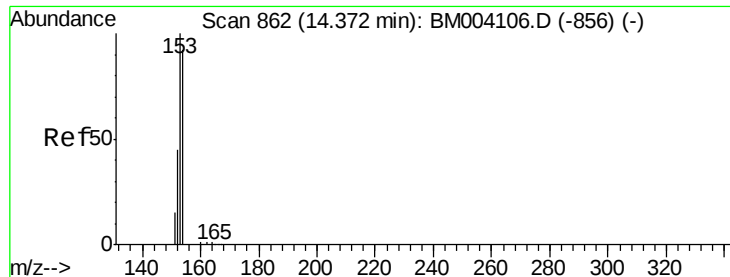
Tot Ion:172 Resp: 80205
Ion Ratio Lower Upper
172 100
171 32.9 27.0 40.6
170 20.8 17.9 26.9



#16
Acenaphthylene
Concen: 5.95 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

Tgt Ion:152 Resp: 130257
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.6 10.2 15.4





#17

Acenaphthene

Concen: 4.64 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

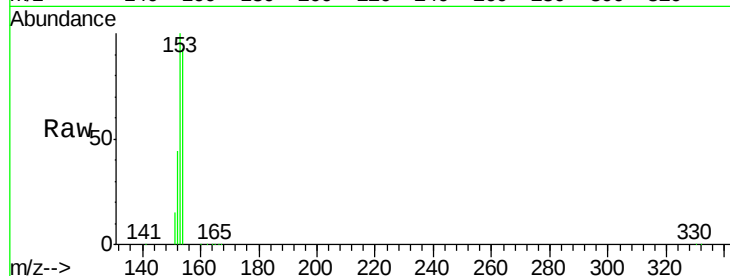
Tot Ion:154 Resp: 81401

Ion Ratio Lower Upper

154 100

153 110.4 85.4 128.2

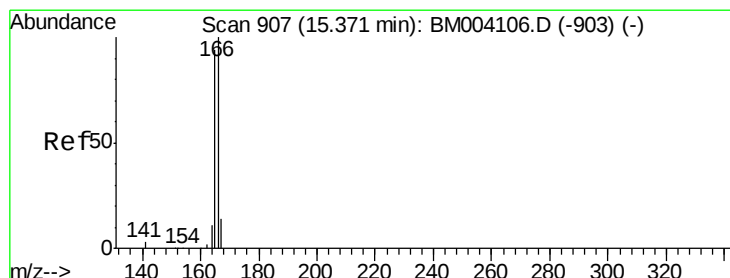
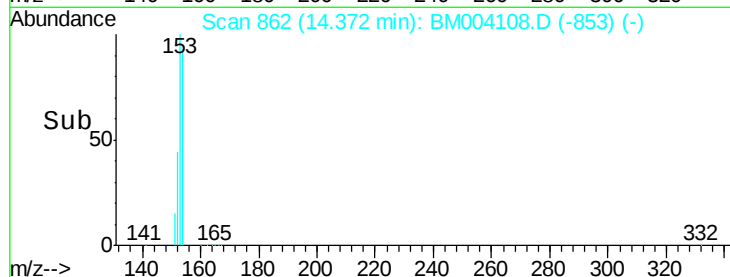
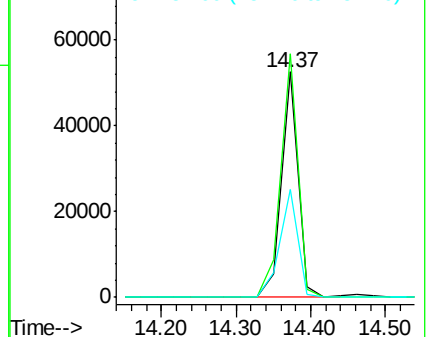
152 51.9 40.6 60.8



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: 4.95 ng

RT: 15.37 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

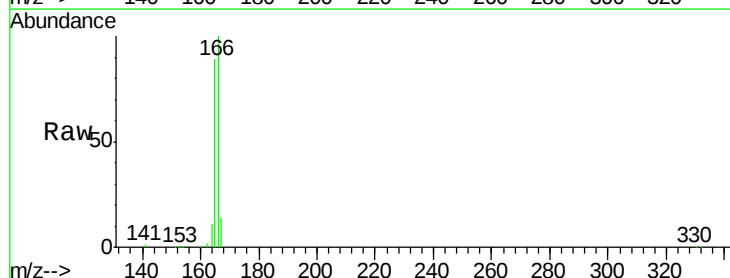
Tgt Ion:166 Resp: 103702

Ion Ratio Lower Upper

166 100

165 94.8 77.2 115.8

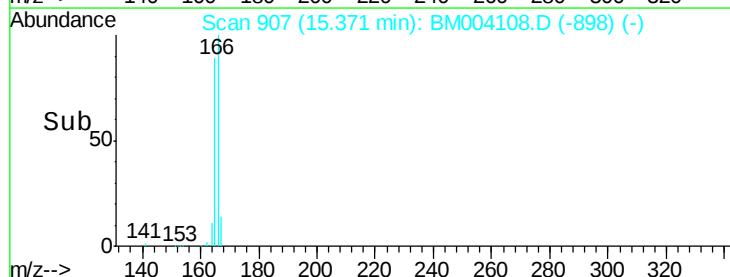
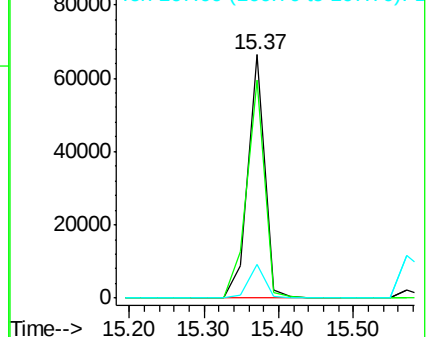
167 13.6 11.0 16.6

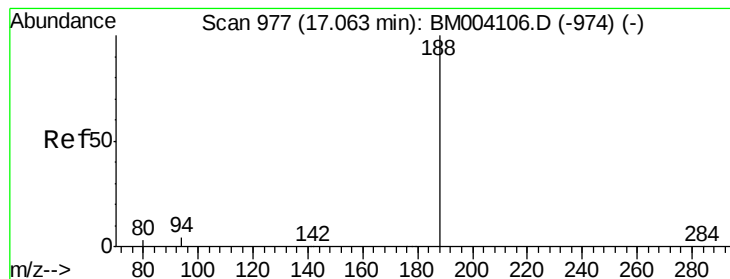


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

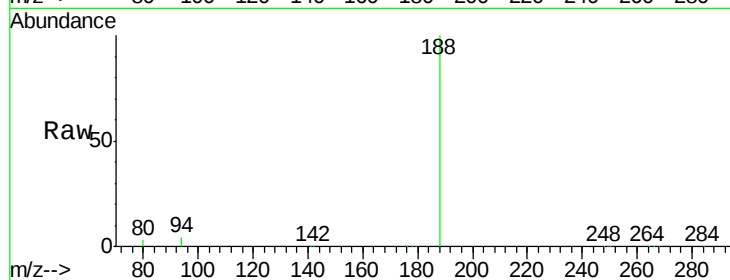
Tot Ion:188 Resp: 140167

Ion Ratio Lower Upper

188 100

94 3.6 20.3 30.5#

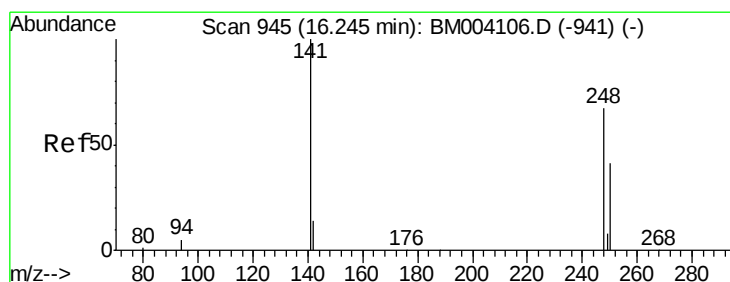
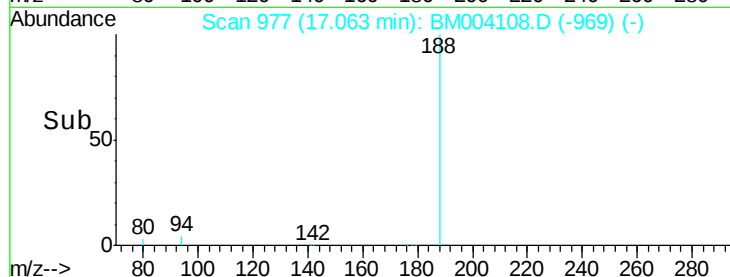
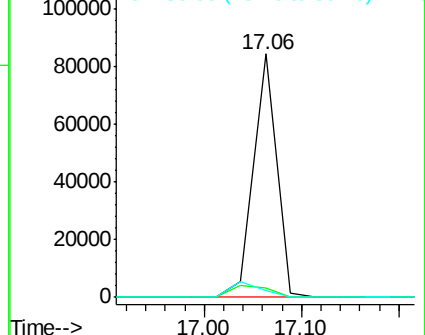
80 2.9 22.2 33.4#



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: 5.66 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

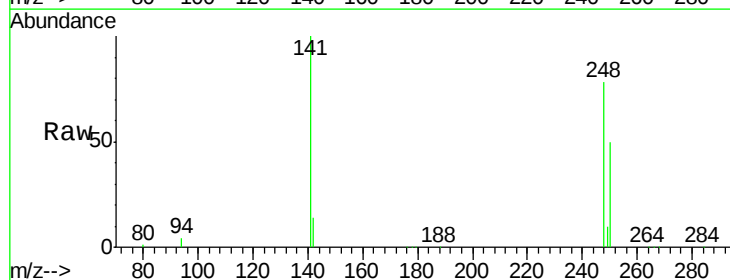
Tgt Ion:248 Resp: 25600

Ion Ratio Lower Upper

248 100

250 84.2 75.0 112.4

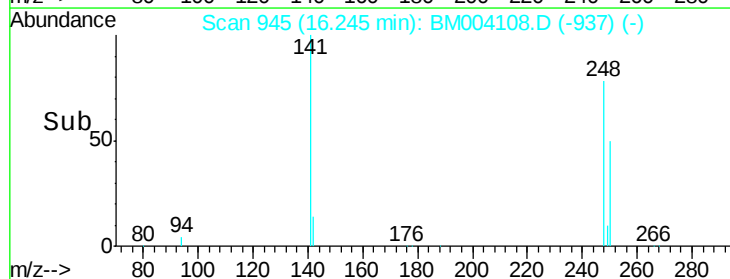
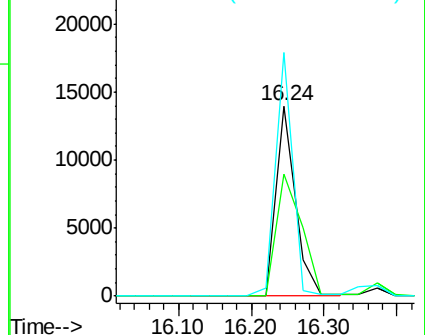
141 112.6 53.0 79.4#

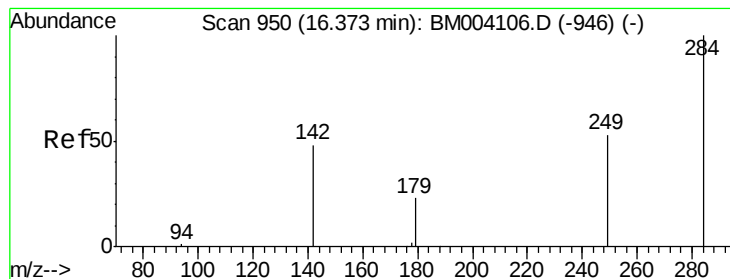


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.44 ng

RT: 16.37 min Scan# 950

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

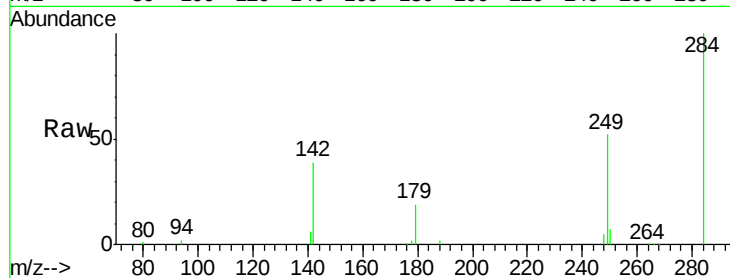
Tot Ion:284 Resp: 26108

Ion Ratio Lower Upper

284 100

142 46.0 22.2 33.4#

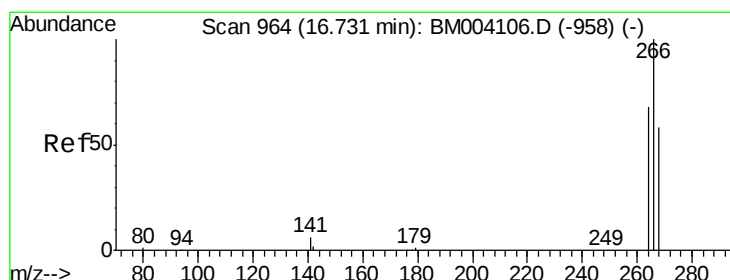
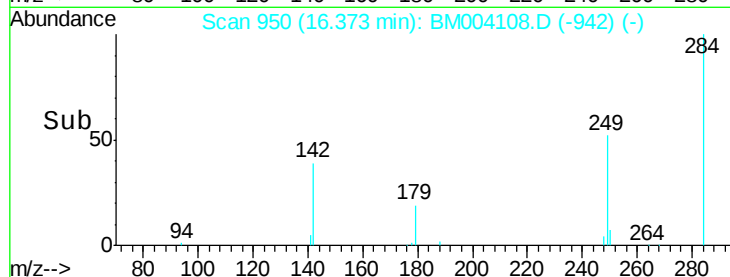
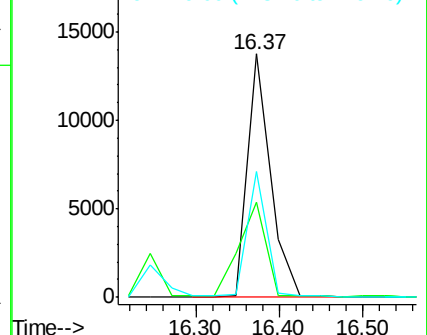
249 43.3 21.5 32.3#



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: 9.89 ng

RT: 16.73 min Scan# 964

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

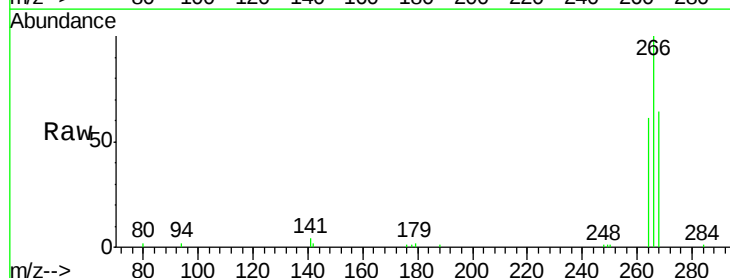
Tgt Ion:266 Resp: 9138

Ion Ratio Lower Upper

266 100

268 63.8 62.7 94.1

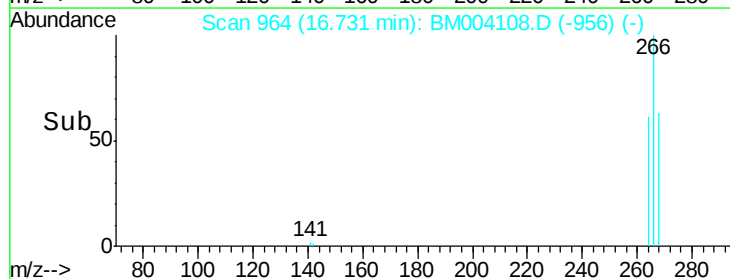
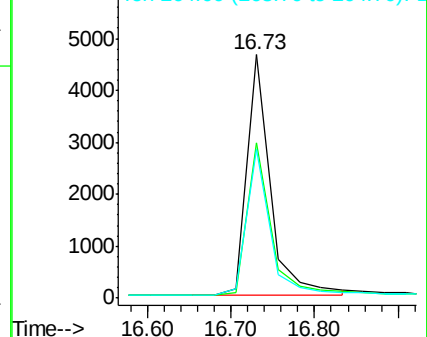
264 61.3 45.7 68.5

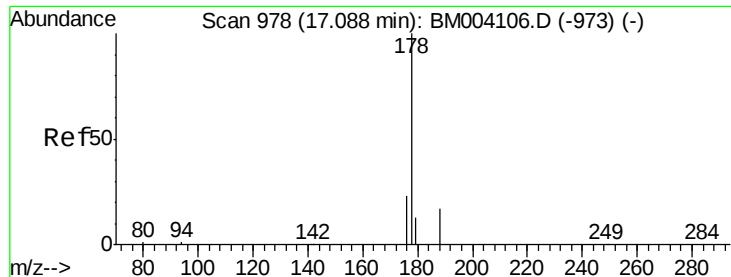


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

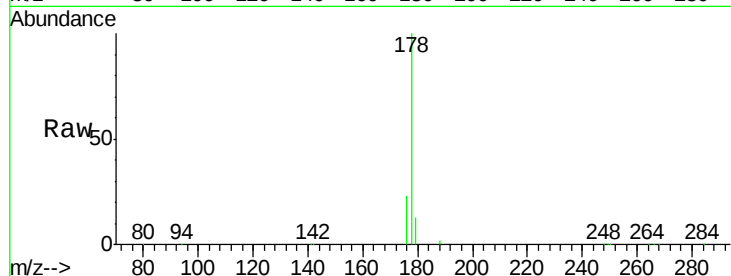




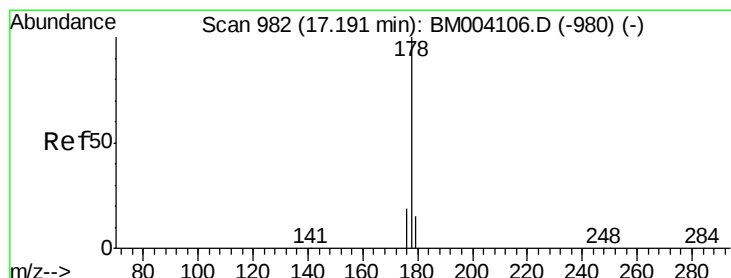
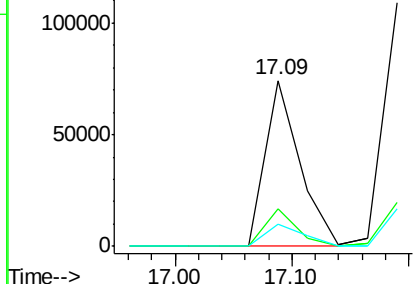
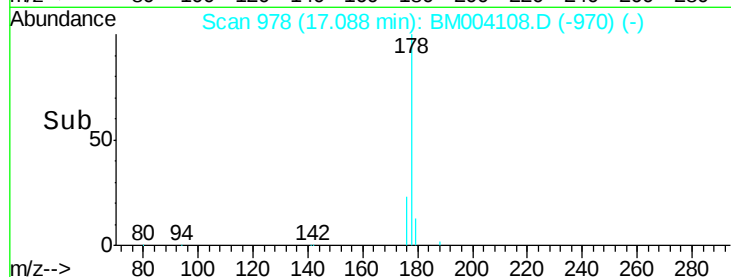
#23
Phenanthrene
Concen: 4.97 ng
RT: 17.09 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tot Ion:178 Resp: 152790
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.0
179 14.6 12.2 18.4

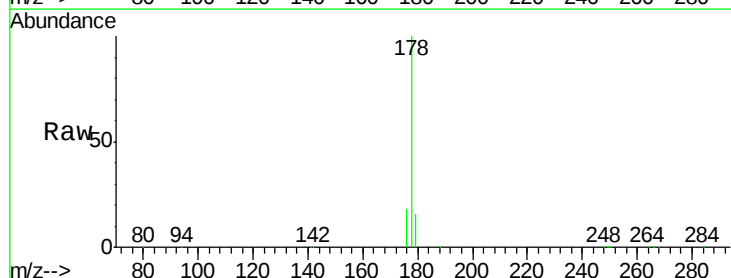


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

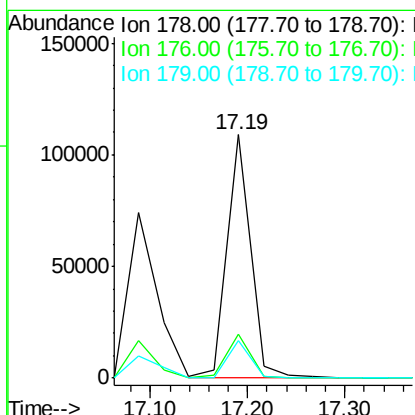
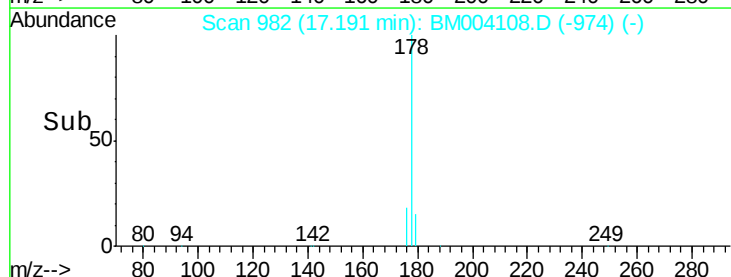


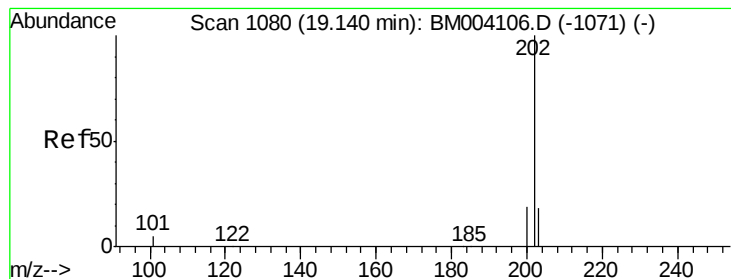
#24
Anthracene
Concen: 5.90 ng
RT: 17.19 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

Tgt Ion:178 Resp: 181304
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.4 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: 5.30 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

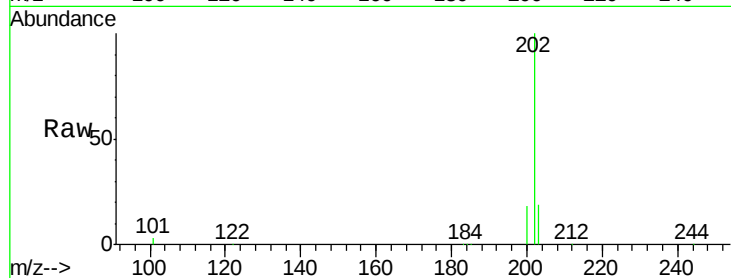
Tot Ion:202 Resp: 200219

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

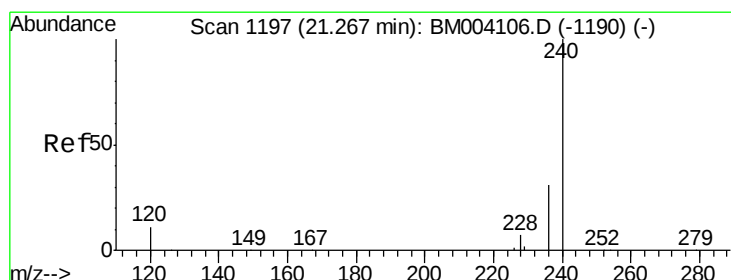
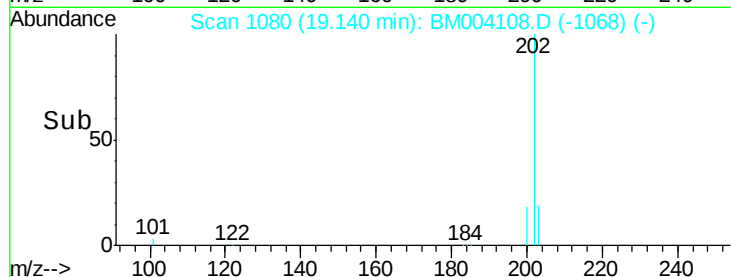
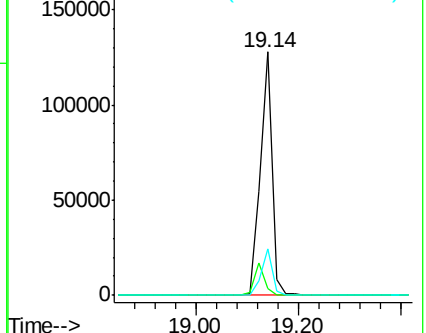
203 17.4 13.8 20.8



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: BM004108.D

Acq: 22 Jan 2016 13:27

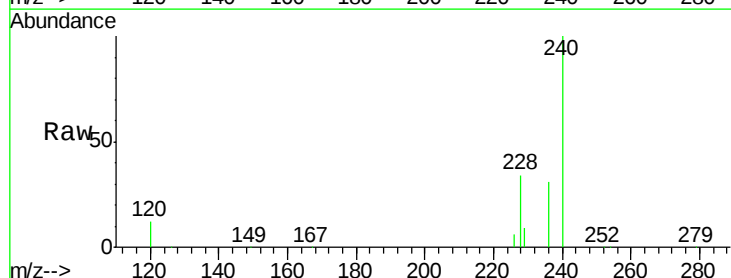
Tgt Ion:240 Resp: 151307

Ion Ratio Lower Upper

240 100

120 12.1 0.9 1.3#

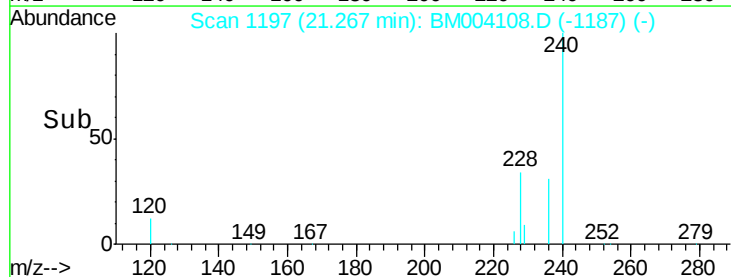
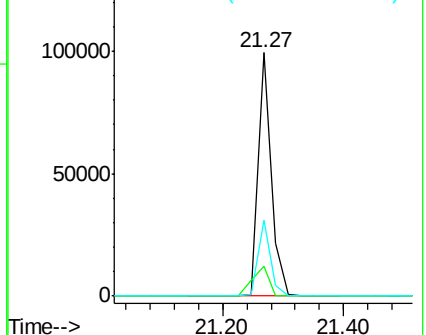
236 31.2 17.3 25.9#

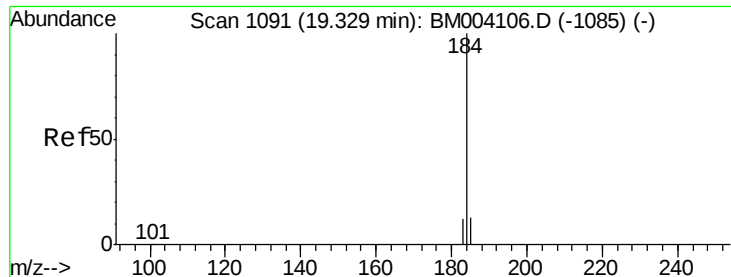


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 10.76 ng

RT: 19.33 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

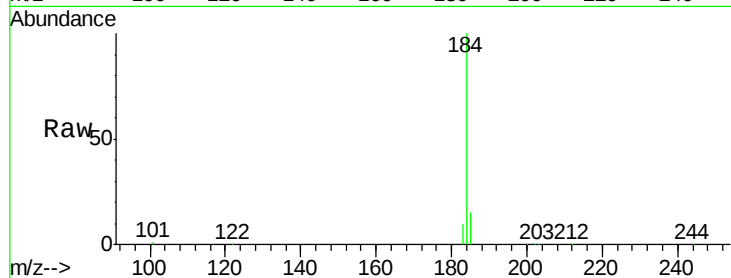
Tot Ion:184 Resp: 55398

Ion Ratio Lower Upper

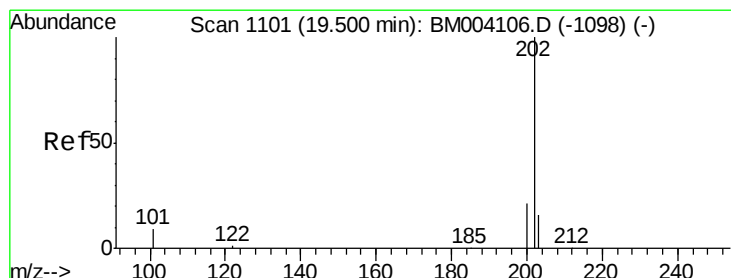
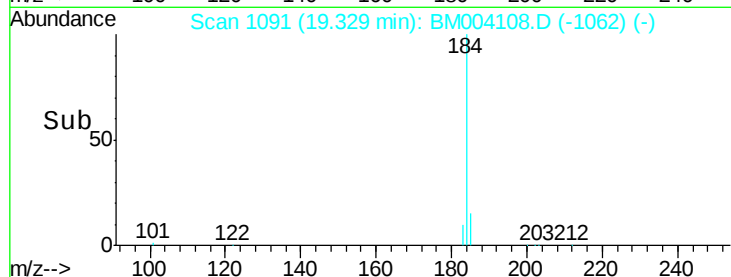
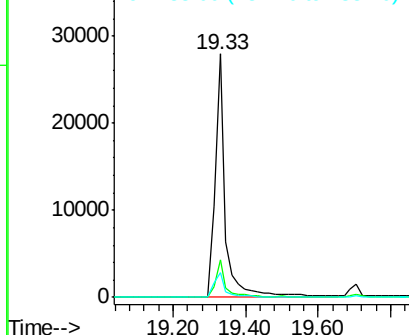
184 100

185 15.3 13.2 19.8

183 10.3 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: 5.08 ng

RT: 19.50 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

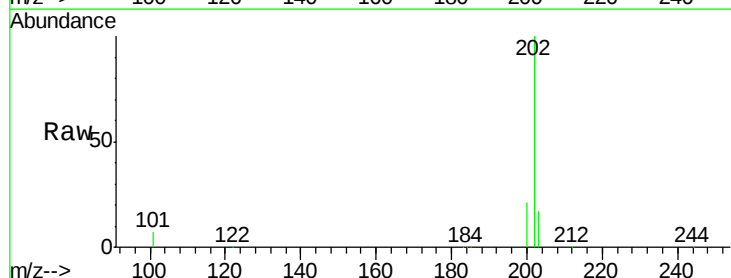
Tgt Ion:202 Resp: 219514

Ion Ratio Lower Upper

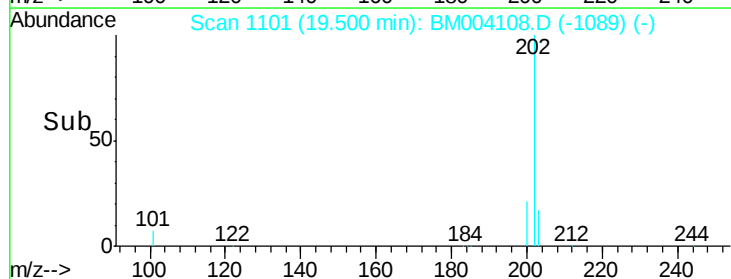
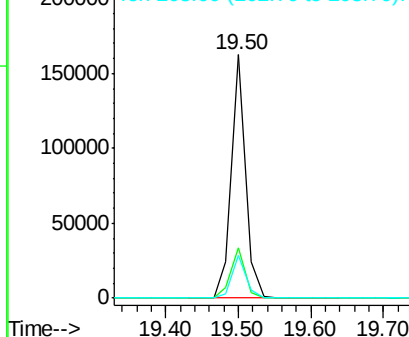
202 100

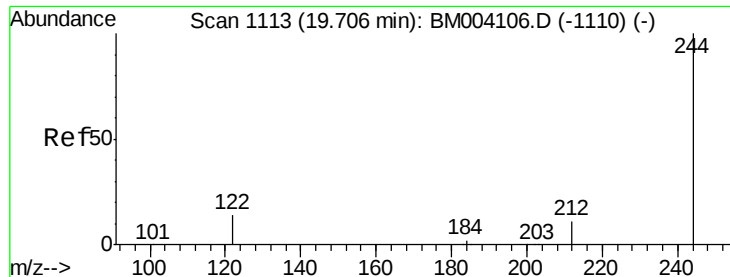
200 21.0 16.6 24.8

203 17.5 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: 5.10 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

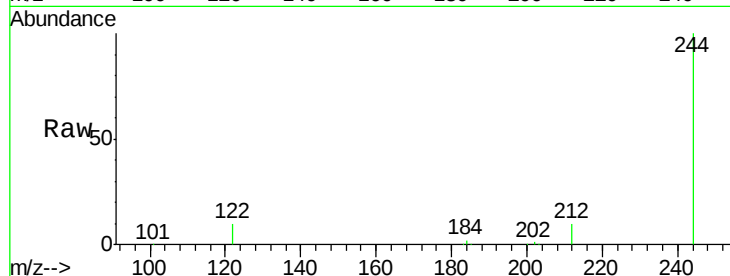
Tot Ion:244 Resp: 99302

Ion Ratio Lower Upper

244 100

212 10.3 7.0 10.6

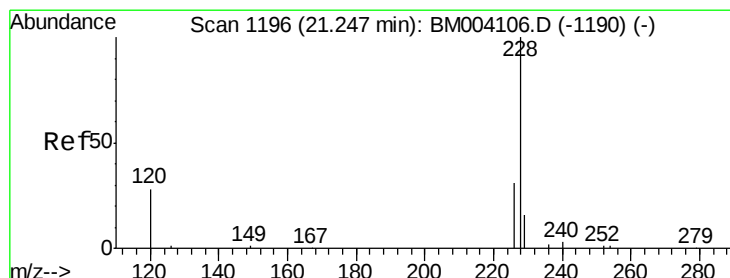
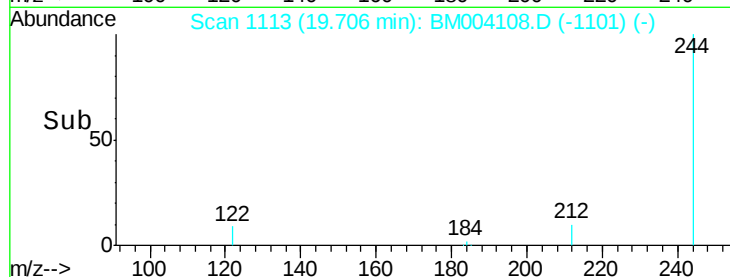
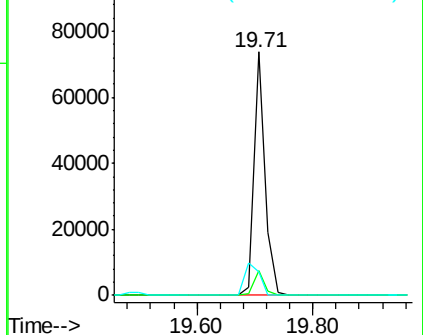
122 9.7 3.0 4.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 5.32 ng

RT: 21.25 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

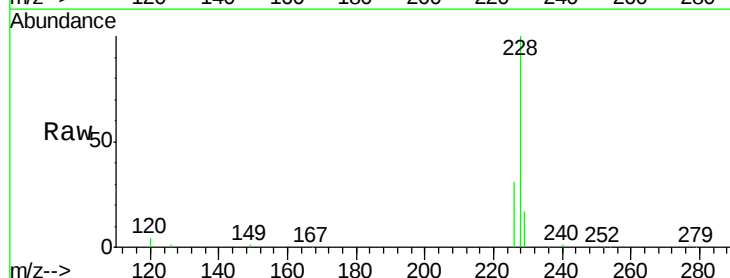
Tgt Ion:228 Resp: 244663

Ion Ratio Lower Upper

228 100

226 30.6 17.2 25.8#

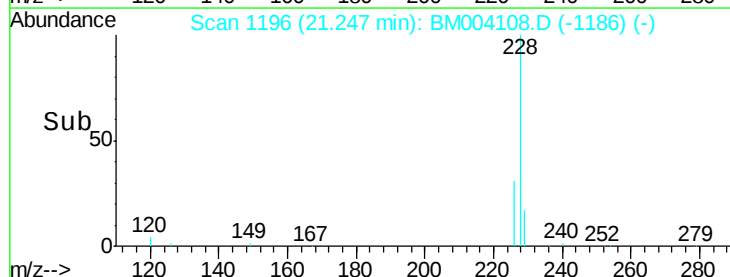
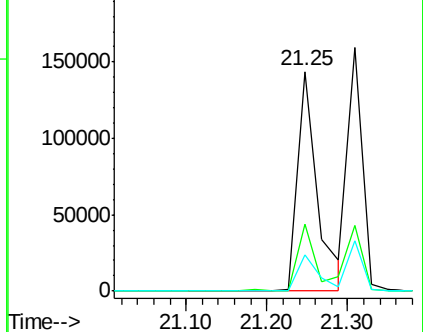
229 16.7 18.7 28.1#

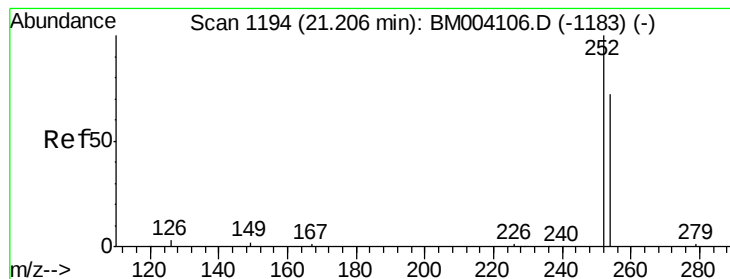


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

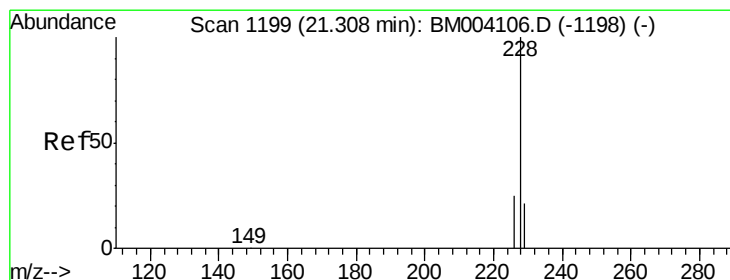
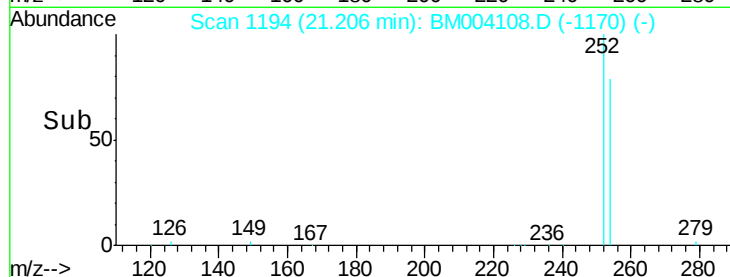
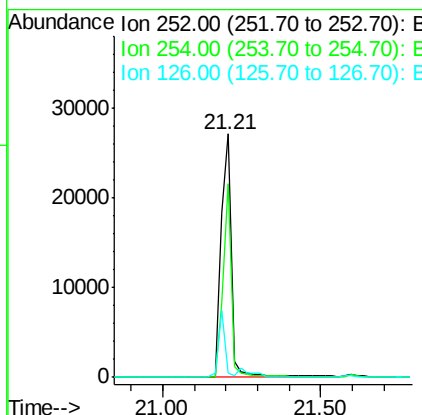
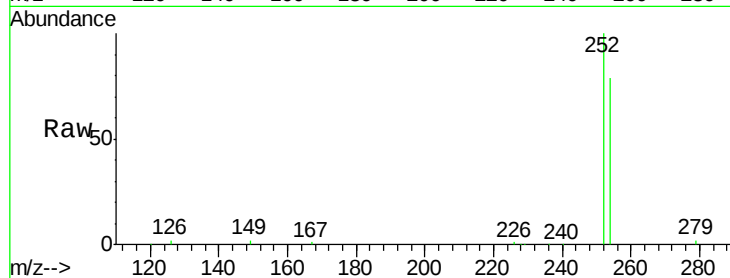




#31
 3,3'-Dichlorobenzidine
 Concen: 6.80 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BM004108.D
 Acq: 22 Jan 2016 13:27

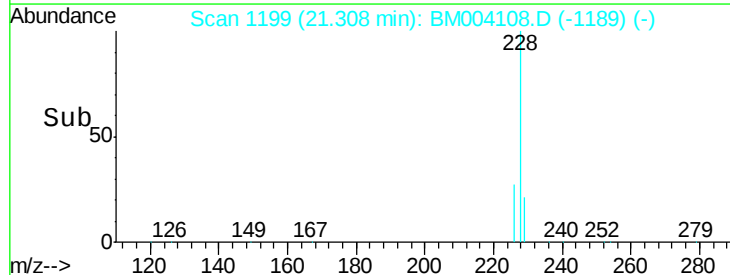
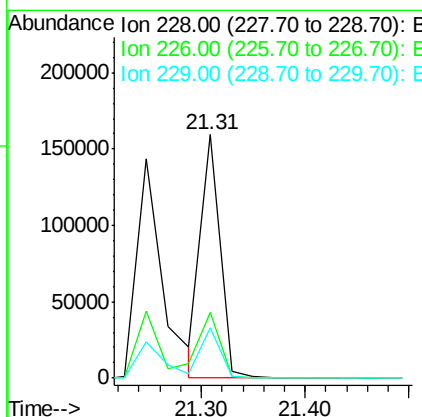
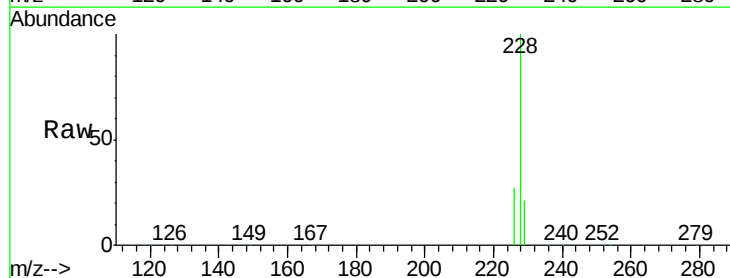
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

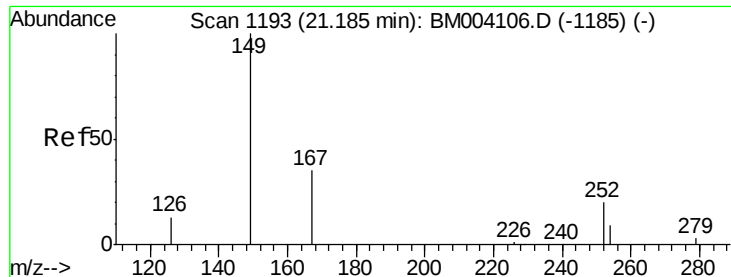
Tot Ion:252 Resp: 60866
 Ion Ratio Lower Upper
 252 100
 254 79.3 52.6 79.0#
 126 1.9 3.7 5.5#



#32
 Chrysene
 Concen: 4.79 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BM004108.D
 Acq: 22 Jan 2016 13:27

Tgt Ion:228 Resp: 203273
 Ion Ratio Lower Upper
 228 100
 226 27.0 25.3 37.9
 229 20.6 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 6.89 ng

RT: 21.19 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

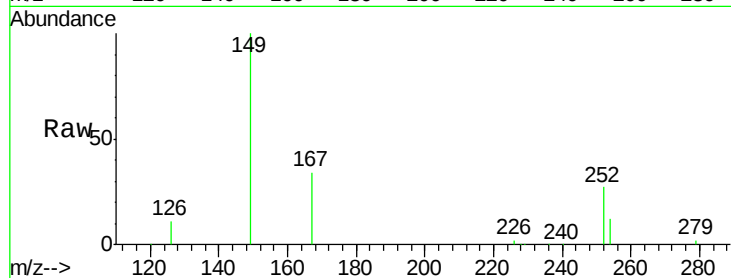
Tot Ion:149 Resp: 107012

Ion Ratio Lower Upper

149 100

167 29.8 20.1 30.1

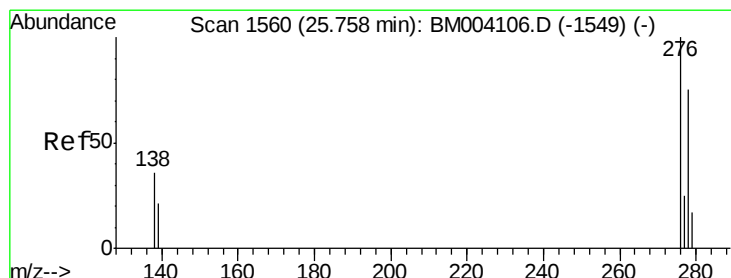
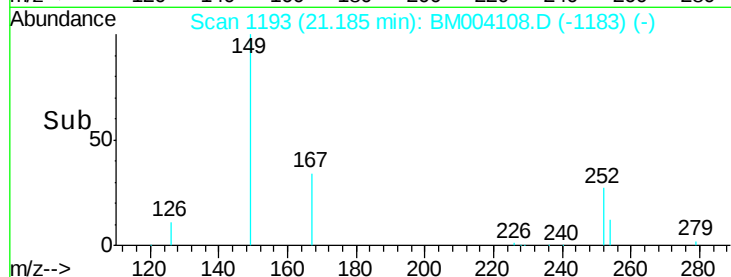
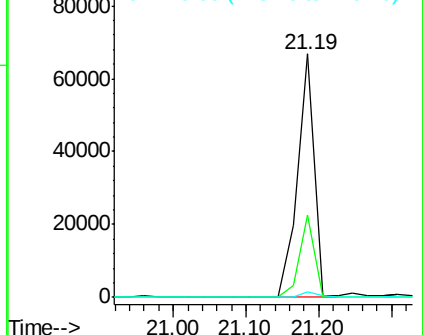
279 2.1 1.8 2.6



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: 5.58 ng

RT: 25.75 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

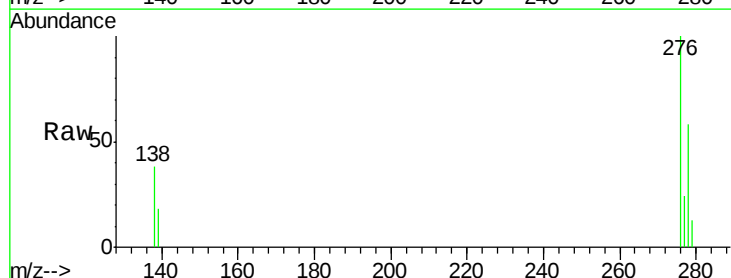
Tgt Ion:276 Resp: 242661

Ion Ratio Lower Upper

276 100

138 37.6 30.2 45.2

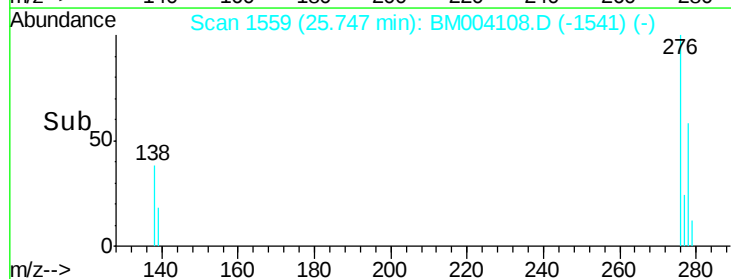
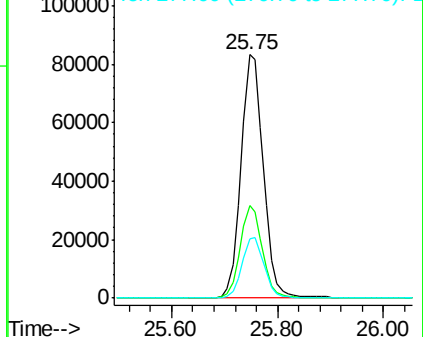
277 24.7 19.8 29.8

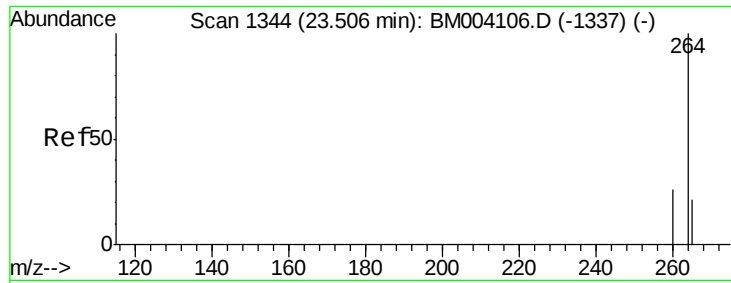


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

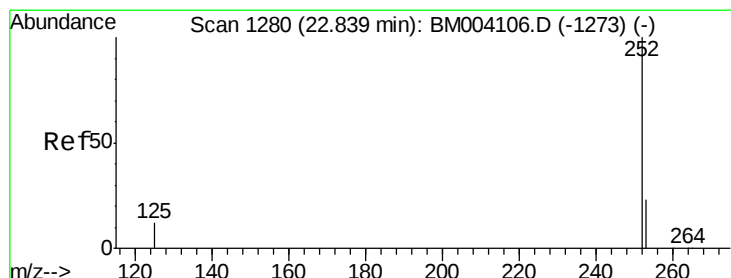
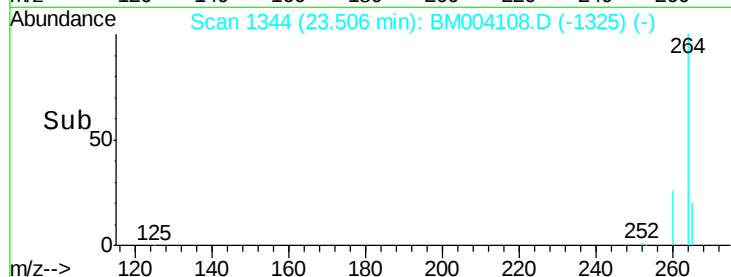
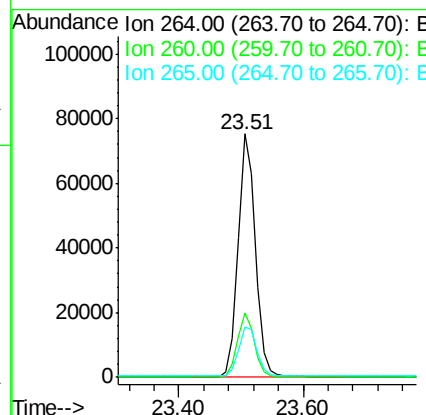
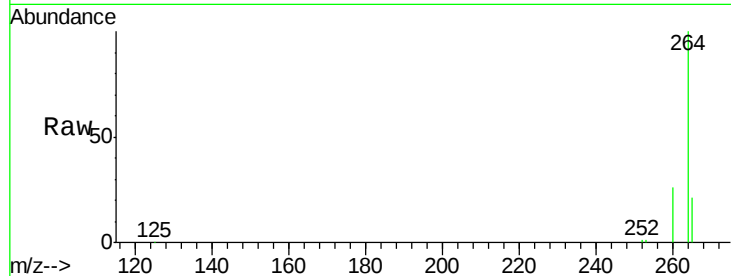




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM004108.D
 Acq: 22 Jan 2016 13:27

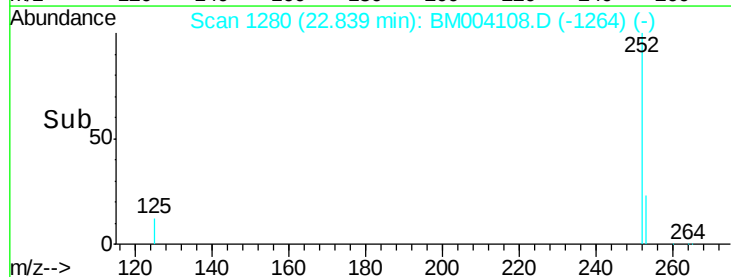
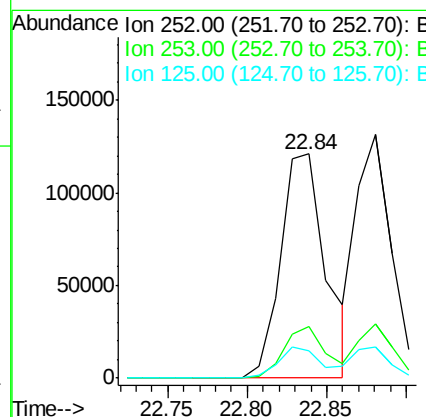
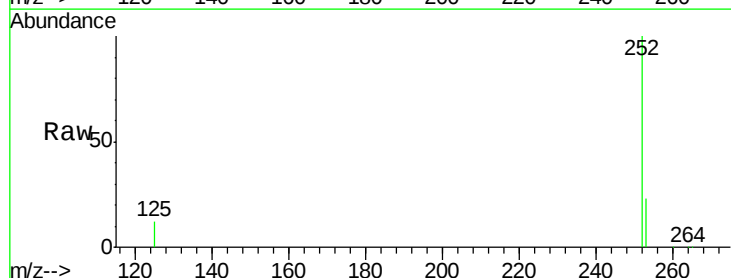
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

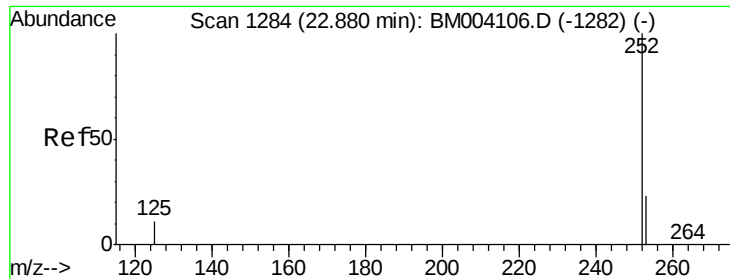
Tot Ion:264 Resp: 147640
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 20.8 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 5.28 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BM004108.D
 Acq: 22 Jan 2016 13:27

Tgt Ion:252 Resp: 237890
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.8 28.2
 125 12.3 10.2 15.4

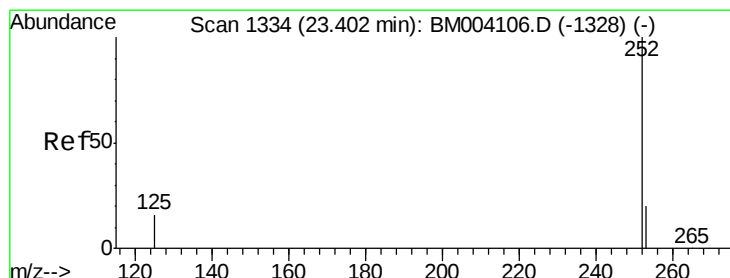
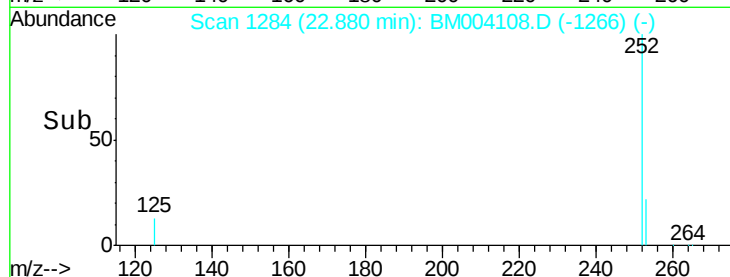
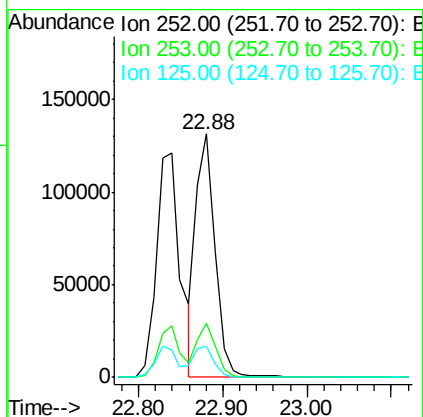
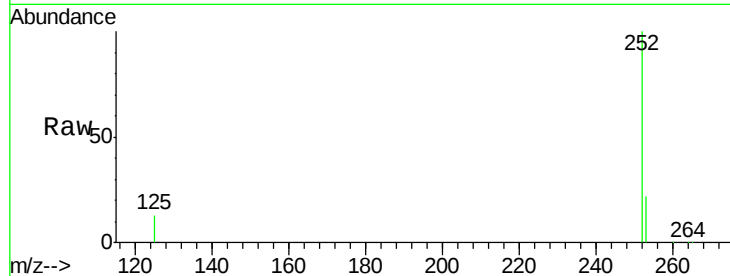




#37
Benzo(k)fluoranthene
Concen: 4.90 ng
RT: 22.88 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

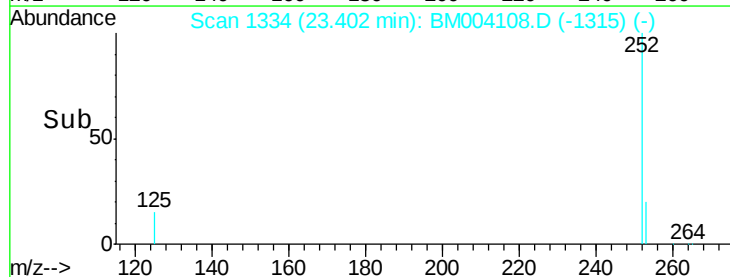
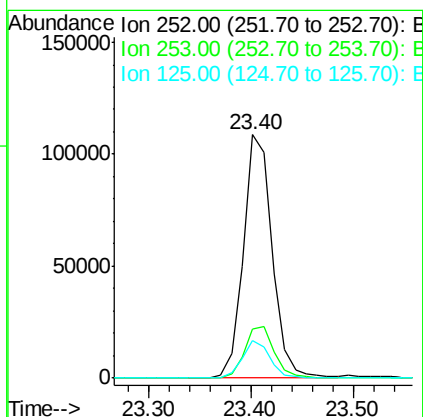
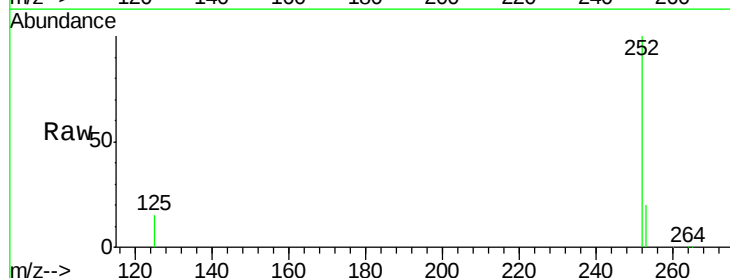
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

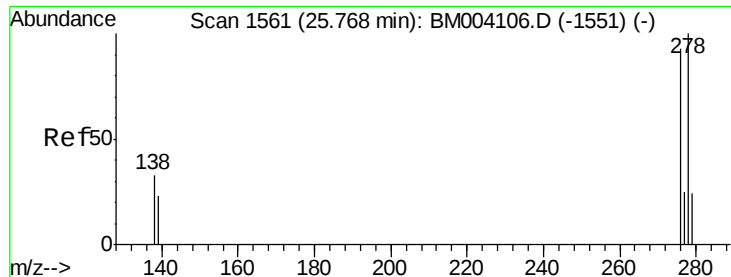
Tot Ion:252 Resp: 203423
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 12.7 10.6 15.8



#38
Benzo(a)pyrene
Concen: 5.34 ng
RT: 23.40 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM004108.D
Acq: 22 Jan 2016 13:27

Tgt Ion:252 Resp: 211395
Ion Ratio Lower Upper
252 100
253 20.3 18.7 28.1
125 15.5 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 5.49 ng

RT: 25.76 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

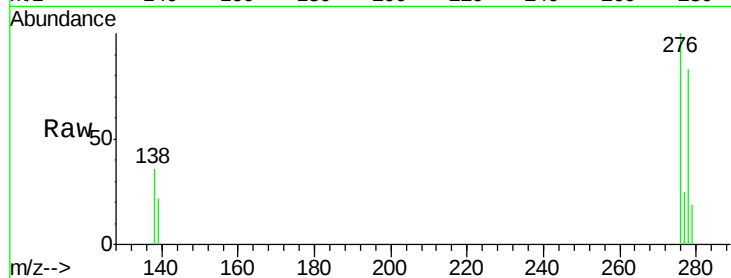
Tot Ion:278 Resp: 194496

Ion Ratio Lower Upper

278 100

139 26.2 19.0 28.6

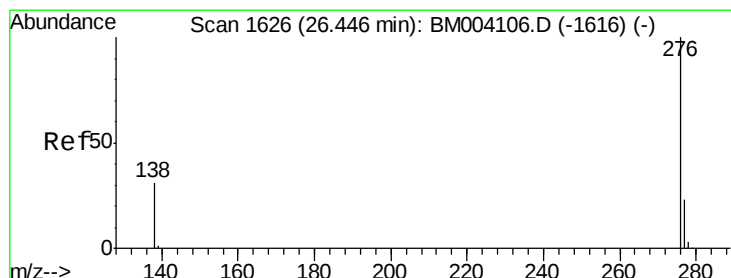
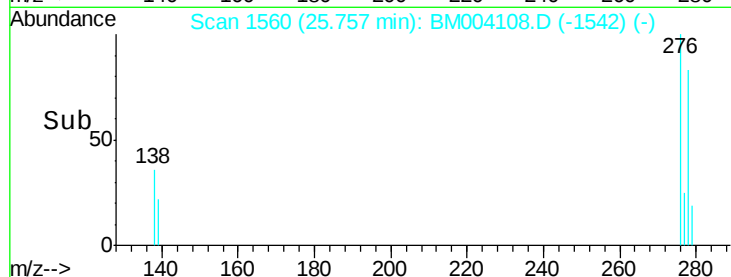
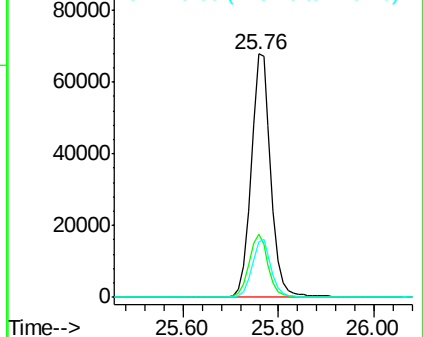
279 22.7 19.6 29.4



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: 5.27 ng

RT: 26.45 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BM004108.D

Acq: 22 Jan 2016 13:27

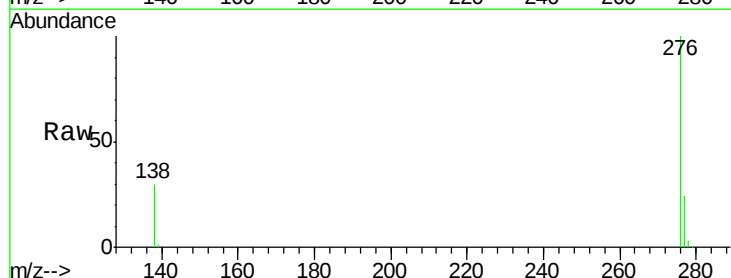
Tgt Ion:276 Resp: 205820

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 30.4 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

