

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
 Data File : BM002910.D
 Acq On : 15 Oct 2015 12:12
 Operator : UM/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: Oct 15 13:03:43 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:17:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	86738	5.00	ng	0.00
7) Naphthalene-d8	11.50	136	358235	5.00	ng	0.00
13) Acenaphthene-d10	15.23	164	191564	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	447491	5.00	ng	0.00
26) Chrysene-d12	22.04	240	410423	5.00	ng	0.00
35) Perylene-d12	24.61	264	367951	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.15	112	11428	0.62	ng	-0.02
5) Phenol-d6	7.80	99	15876	0.69	ng	0.00
8) Nitrobenzene-d5	9.86	82	13072	0.73	ng	-0.02
14) 2,4,6-Tribromophenol	16.72	330	4404	0.69	ng	0.00
15) 2-Fluorobiphenyl	13.89	172	47413	0.82	ng	0.00
29) Terphenyl-d14	20.48	244	48158	0.88	ng	0.00

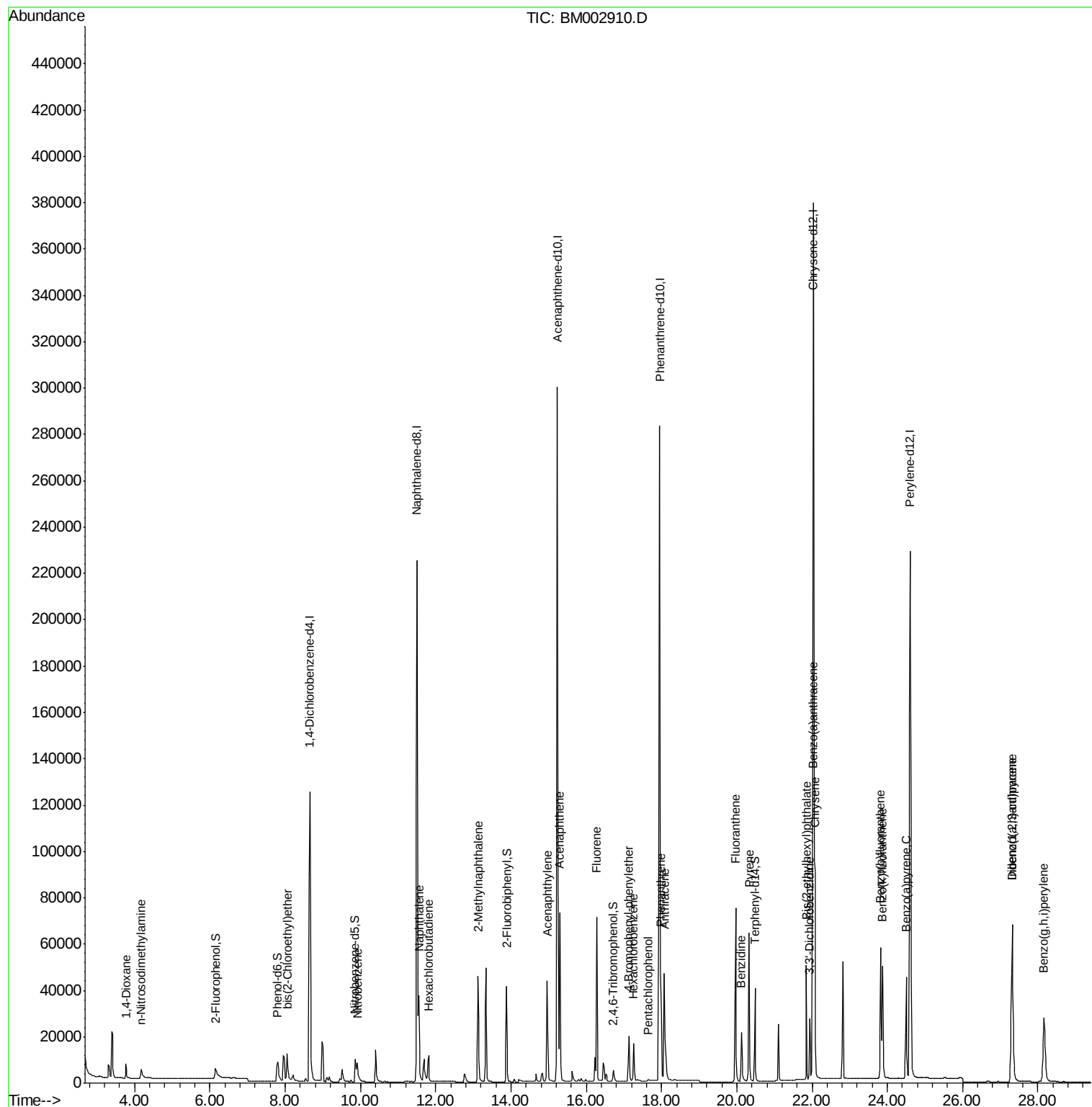
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	5979	0.69	ng	98
3) n-Nitrosodimethylamine	4.17	42	4828	0.71	ng	# 98
6) bis(2-Chloroethyl)ether	8.06	93	14963	0.66	ng	95
9) Nitrobenzene	9.92	77	13715	0.72	ng	99
10) Naphthalene	11.56	128	60944	0.77	ng	99
11) Hexachlorobutadiene	11.81	225	9861	0.78	ng	100
12) 2-Methylnaphthalene	13.13	142	41221	0.78	ng	100
16) Acenaphthylene	14.96	152	63507	0.78	ng	99
17) Acenaphthene	15.30	154	43149	0.82	ng	# 100
18) Fluorene	16.27	166	52968	0.82	ng	98
20) 4-Bromophenyl-phenylether	17.13	248	14701	0.69	ng	# 52
21) Hexachlorobenzene	17.26	284	16595	0.63	ng	# 79
22) Pentachlorophenol	17.64	266	1032	0.42	ng	96
23) Phenanthrene	17.98	178	80083	0.61	ng	# 82
24) Anthracene	18.08	178	76346	0.69	ng	98
25) Fluoranthene	19.97	202	88877	0.61	ng	100
27) Benzidine	20.12	184	33602	0.60	ng	98
28) Pyrene	20.33	202	92719	0.84	ng	100
30) Benzo(a)anthracene	22.02	228	94304	0.80	ng	93
31) 3,3'-Dichlorobenzidine	21.93	252	29484	0.65	ng	# 86
32) Chrysene	22.08	228	83358	0.76	ng	93
33) Bis(2-ethylhexyl)phthalate	21.85	149	51844	0.72	ng	# 90
34) Indeno(1,2,3-cd)pyrene	27.32	276	86088	0.65	ng	100
36) Benzo(b)fluoranthene	23.82	252	81531	0.77	ng	98
37) Benzo(k)fluoranthene	23.86	252	79165	0.78	ng	98
38) Benzo(a)pyrene	24.50	252	71109	0.73	ng	99
39) Dibenzo(a,h)anthracene	27.32	278	68369	0.72	ng	98
40) Benzo(g,h,i)perylene	28.16	276	71679	0.74	ng	98

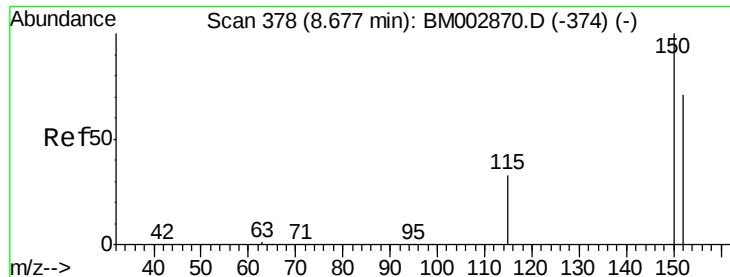
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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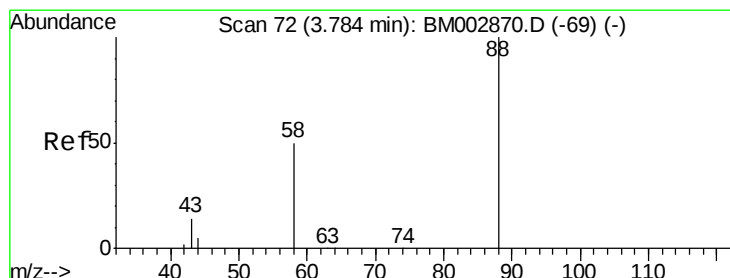
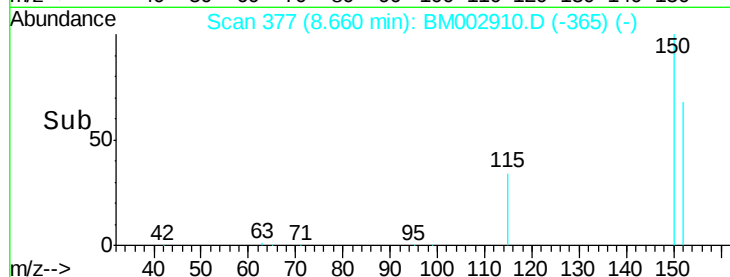
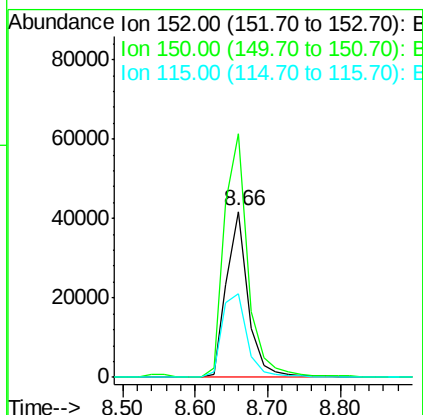
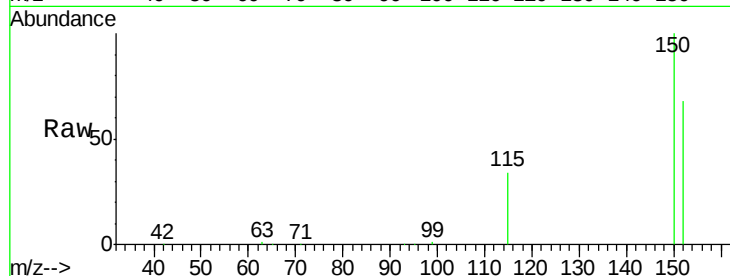


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

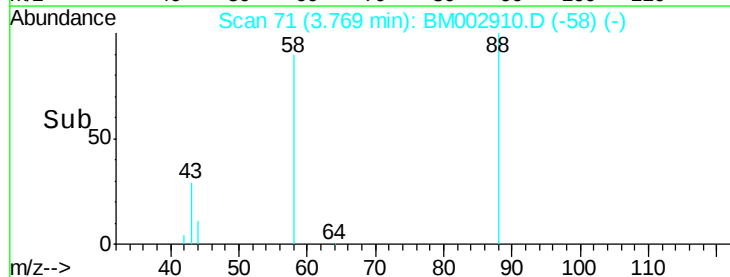
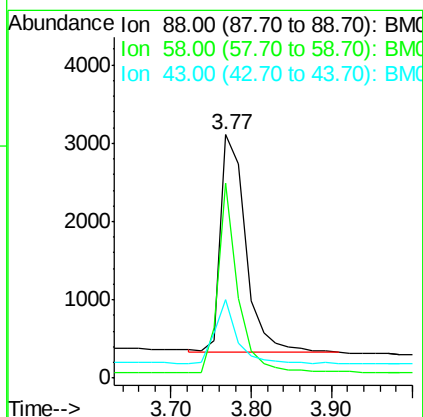
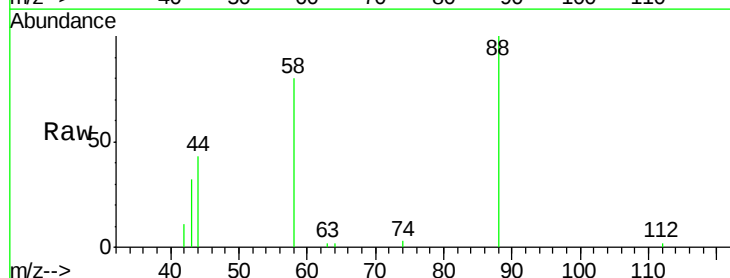
Tot Ion:152 Resp: 86738
Ion Ratio Lower Upper
152 100
150 146.7 113.0 169.6
115 50.5 37.9 56.9

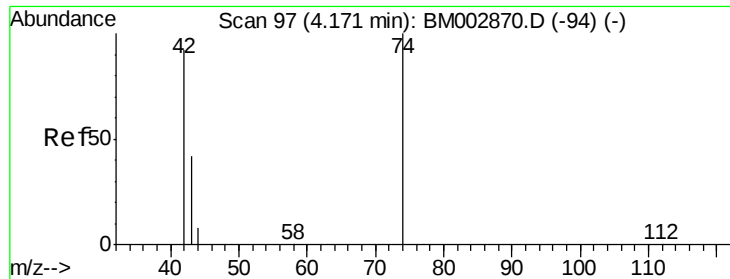


#2

1,4-Dioxane
Concen: 0.69 ng
RT: 3.77 min Scan# 71
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion: 88 Resp: 5979
Ion Ratio Lower Upper
88 100
58 70.3 56.7 85.1
43 25.5 22.0 33.0





#3

n-Nitrosodimethylamine

Concen: 0.71 ng

RT: 4.17 min Scan# 97

Delta R.T. -0.02 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

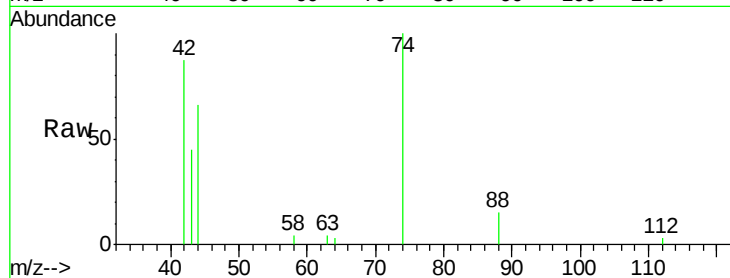
Tot Ion: 42 Resp: 4828

Ion Ratio Lower Upper

42 100

74 148.0 119.7 179.5

44 9.7 9.8 14.6#

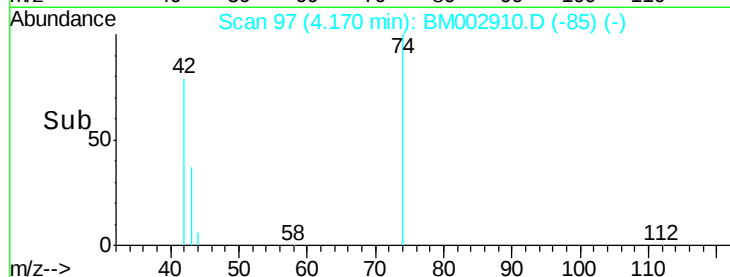


Abundance Ion 42.00 (41.70 to 42.70): BM002870.D (-94) (-)

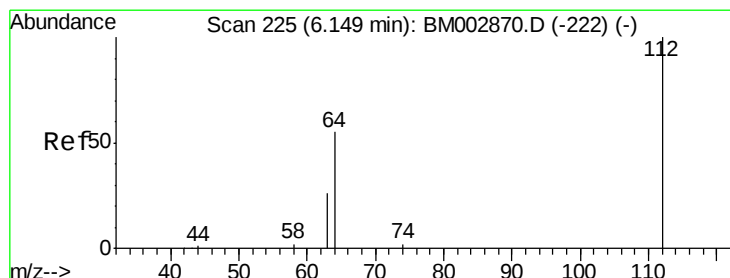
Ion 74.00 (73.70 to 74.70): BM002870.D (-94) (-)

Ion 44.00 (43.70 to 44.70): BM002870.D (-94) (-)

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.62 ng

RT: 6.15 min Scan# 225

Delta R.T. -0.02 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

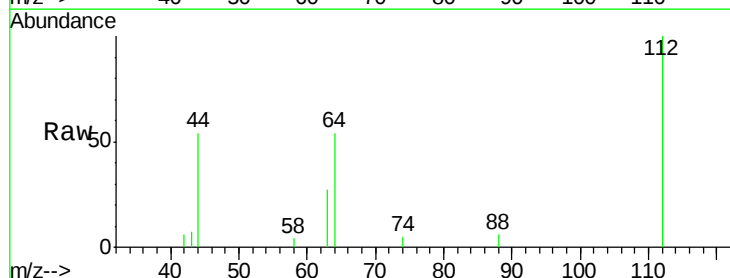
Tgt Ion: 112 Resp: 11428

Ion Ratio Lower Upper

112 100

64 52.1 42.0 63.0

63 24.6 20.0 30.0

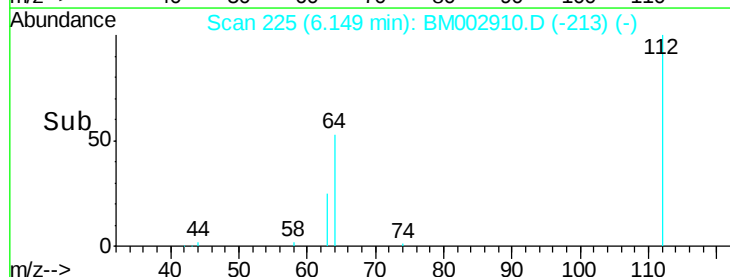


Abundance Ion 112.00 (111.70 to 112.70): BM002870.D (-222) (-)

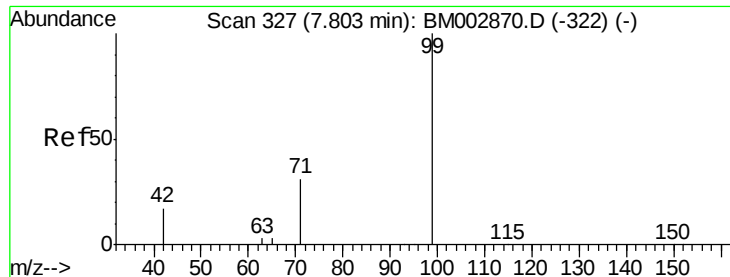
Ion 64.00 (63.70 to 64.70): BM002870.D (-222) (-)

Ion 63.00 (62.70 to 63.70): BM002870.D (-222) (-)

Time-->



Time-->



#5

Phenol-d6

Concen: 0.69 ng

RT: 7.80 min Scan# 327

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

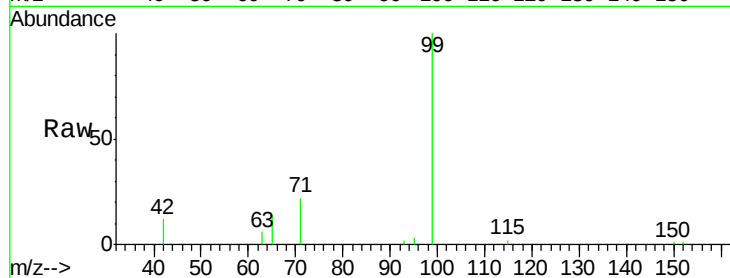
Tot Ion: 99 Resp: 15876

Ion Ratio Lower Upper

99 100

42 15.9 12.4 18.6

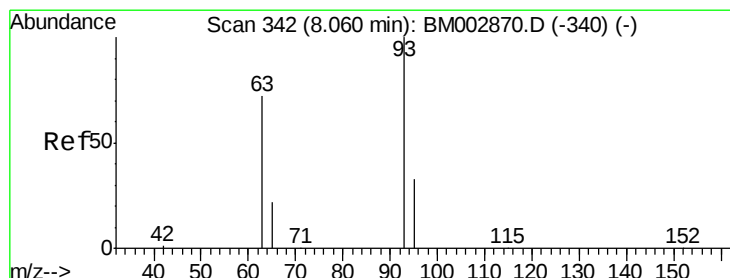
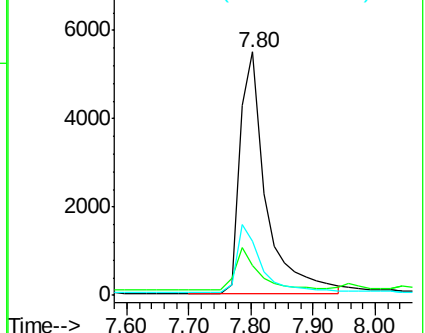
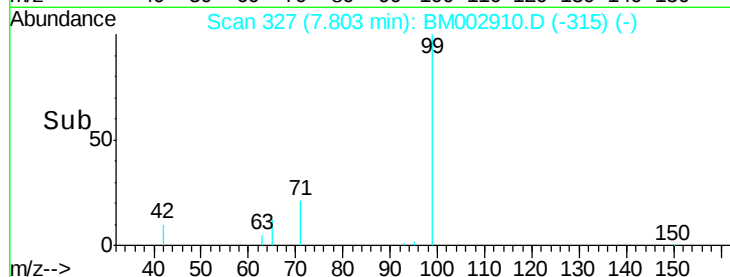
71 26.9 21.4 32.0



Abundance Ion 99.00 (98.70 to 99.70): BM002910.D (-315) (-)

Ion 42.00 (41.70 to 42.70): BM002910.D (-315) (-)

Ion 71.00 (70.70 to 71.70): BM002910.D (-315) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.66 ng

RT: 8.06 min Scan# 342

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

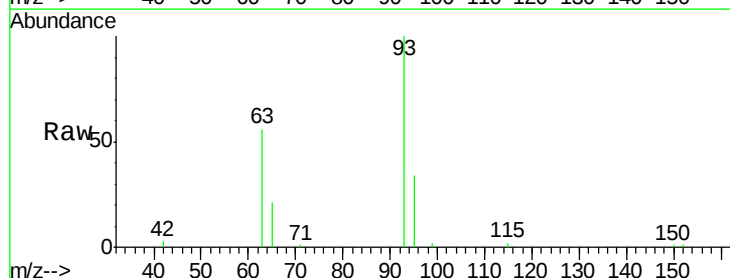
Tgt Ion: 93 Resp: 14963

Ion Ratio Lower Upper

93 100

63 70.3 52.9 79.3

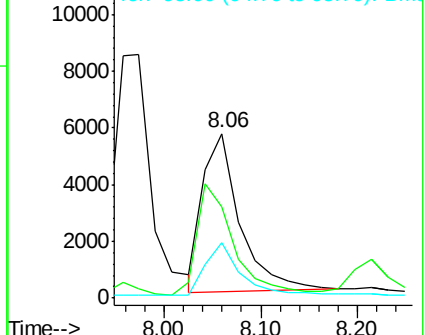
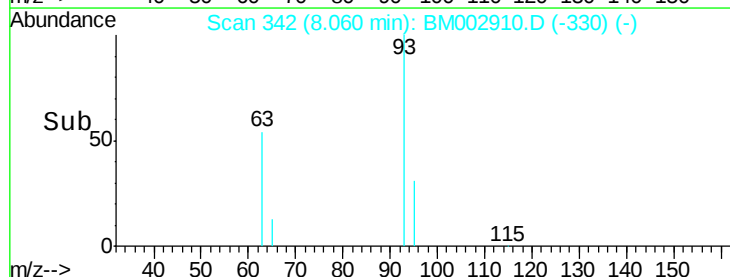
95 33.3 25.2 37.8

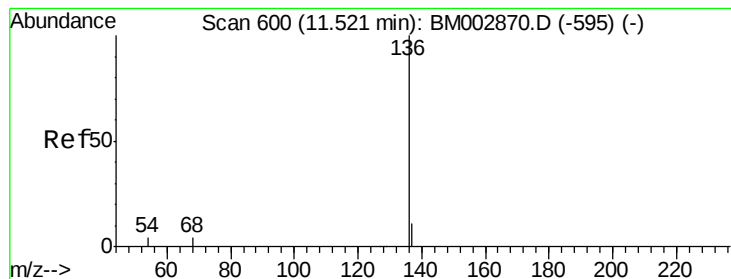


Abundance Ion 93.00 (92.70 to 93.70): BM002910.D (-330) (-)

Ion 63.00 (62.70 to 63.70): BM002910.D (-330) (-)

Ion 95.00 (94.70 to 95.70): BM002910.D (-330) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 599

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 358235

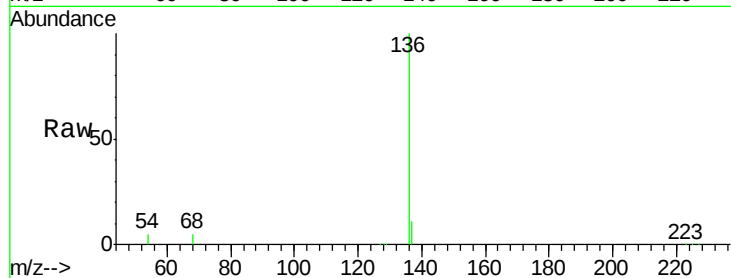
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 5.0 3.5 5.3

68 4.6 3.3 4.9

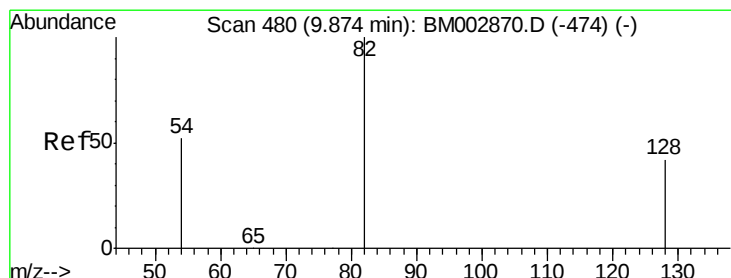
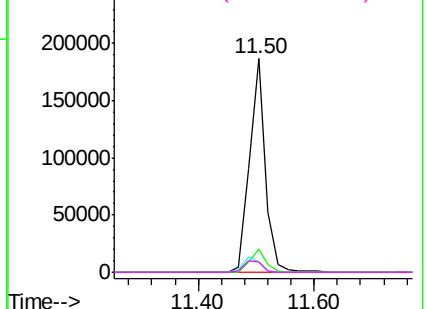
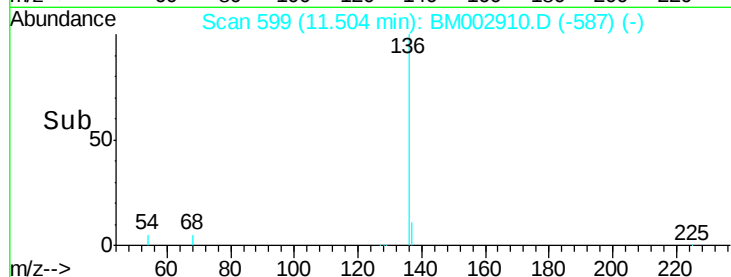


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.73 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.02 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

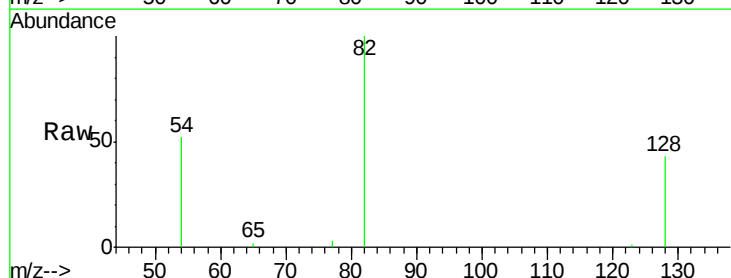
Tgt Ion: 82 Resp: 13072

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

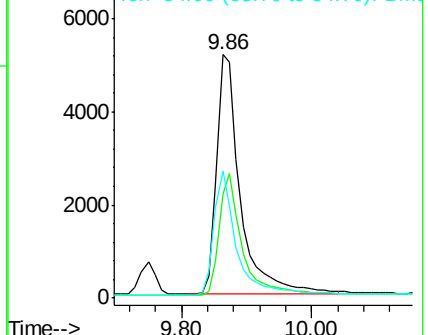
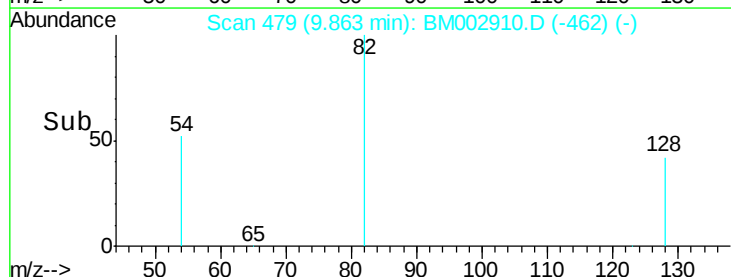
54 52.3 42.6 63.8

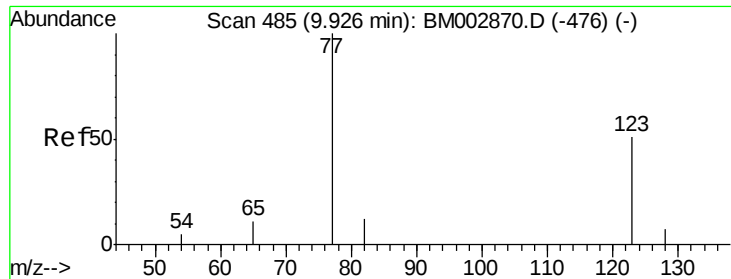


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.72 ng

RT: 9.92 min Scan# 484

Delta R.T. -0.01 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

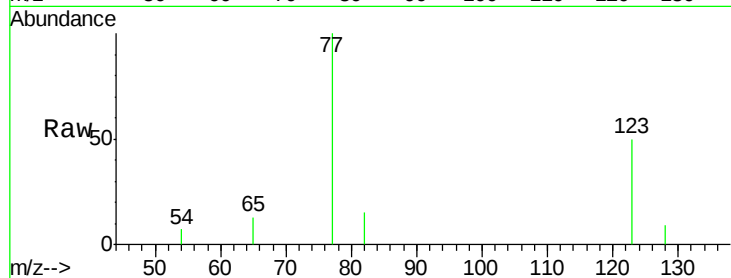
Tot Ion: 77 Resp: 13715

Ion Ratio Lower Upper

77 100

123 50.6 41.0 61.4

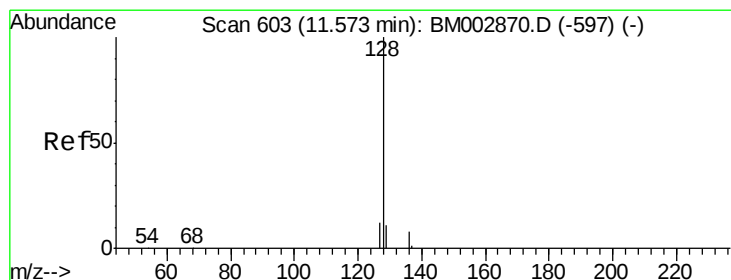
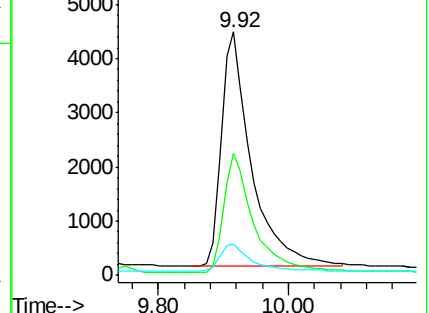
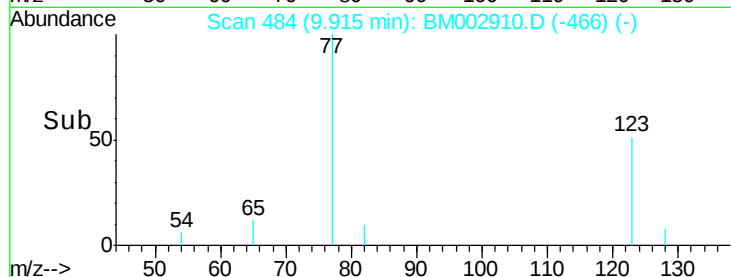
65 12.1 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002870.D (-476) (-)

Ion 123.00 (122.70 to 123.70): BM002870.D (-476) (-)

Ion 65.00 (64.70 to 65.70): BM002870.D (-476) (-)



#10

Naphthalene

Concen: 0.77 ng

RT: 11.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

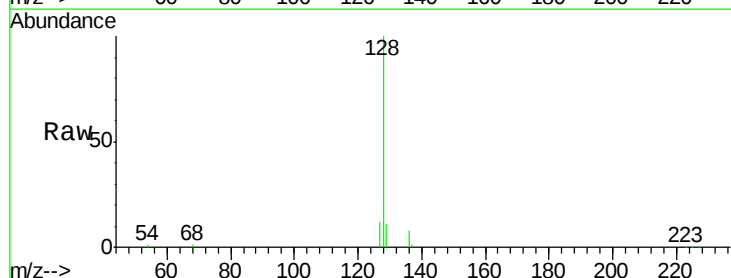
Tgt Ion: 128 Resp: 60944

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

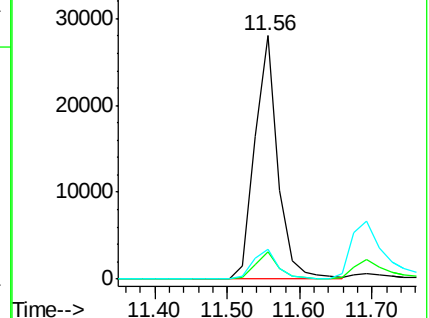
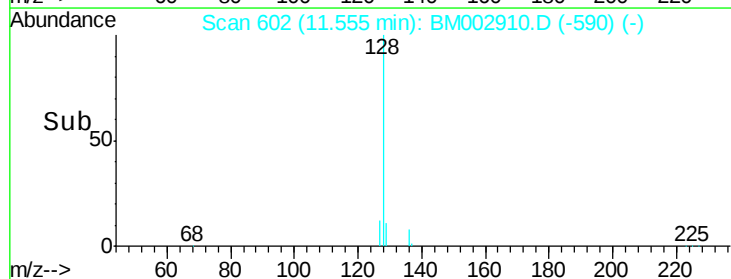
127 12.4 9.6 14.4

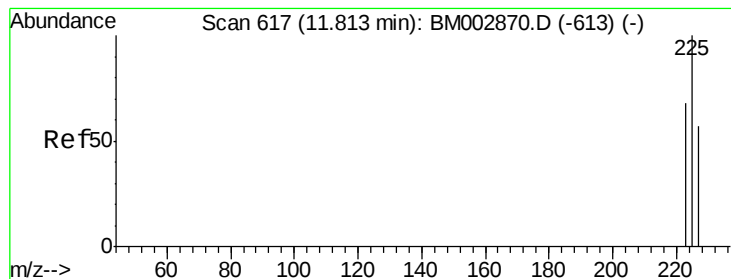


Abundance Ion 128.00 (127.70 to 128.70): BM002870.D (-597) (-)

Ion 129.00 (128.70 to 129.70): BM002870.D (-597) (-)

Ion 127.00 (126.70 to 127.70): BM002870.D (-597) (-)





#11

Hexachlorobutadiene

Concen: 0.78 ng

RT: 11.81 min Scan# 617

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

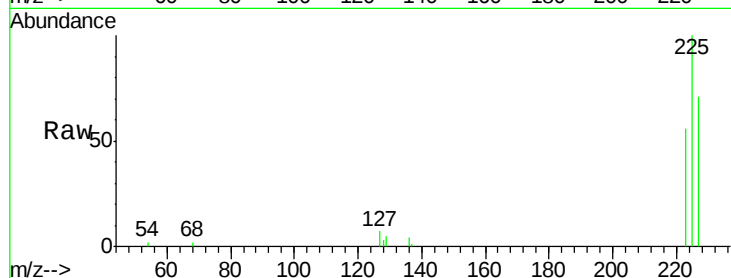
Tot Ion:225 Resp: 9861

Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

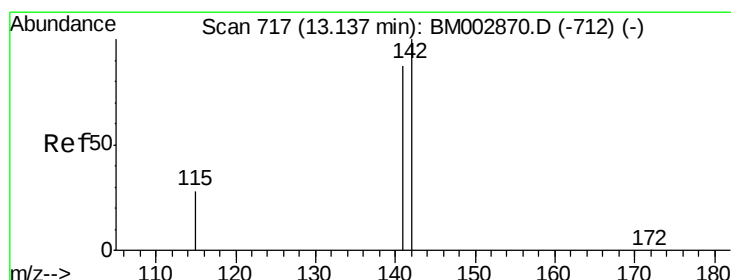
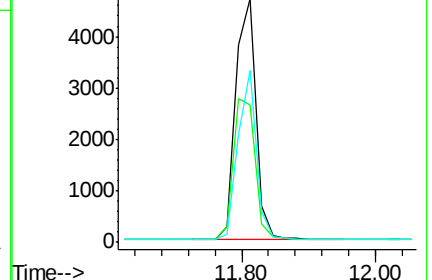
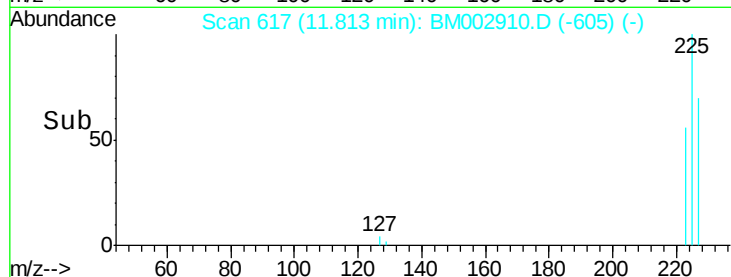
227 63.9 51.2 76.8



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: 0.78 ng

RT: 13.13 min Scan# 716

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

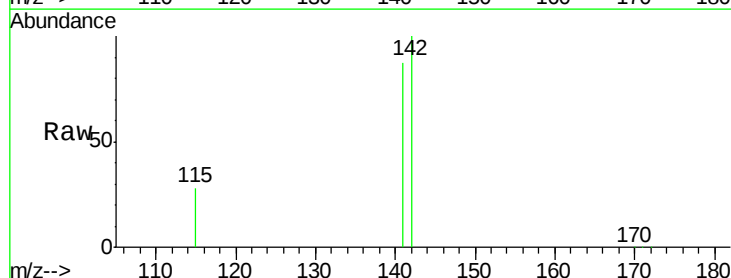
Tgt Ion:142 Resp: 41221

Ion Ratio Lower Upper

142 100

141 86.5 69.4 104.0

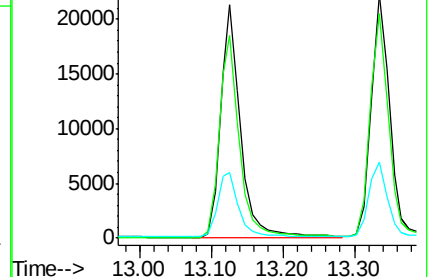
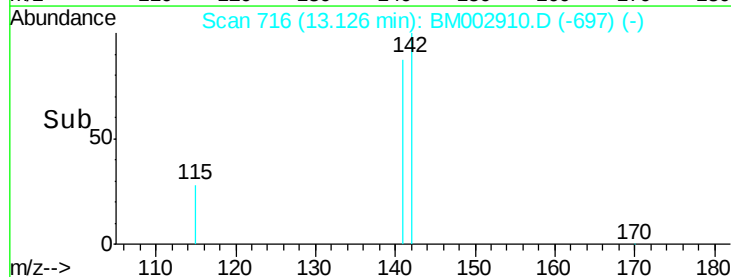
115 28.0 22.7 34.1

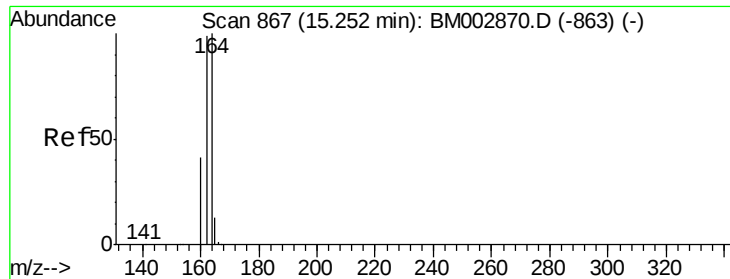


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.23 min Scan# 866

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

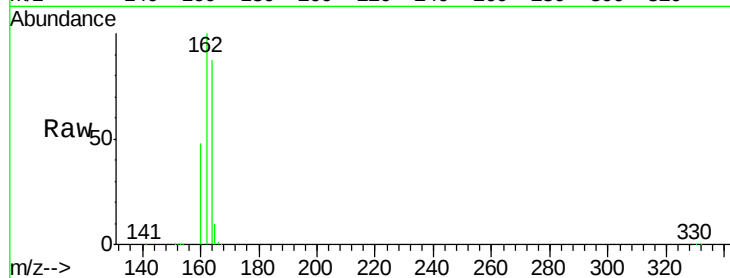
Tot Ion:164 Resp: 191564

Ion Ratio Lower Upper

164 100

162 115.3 79.6 119.4

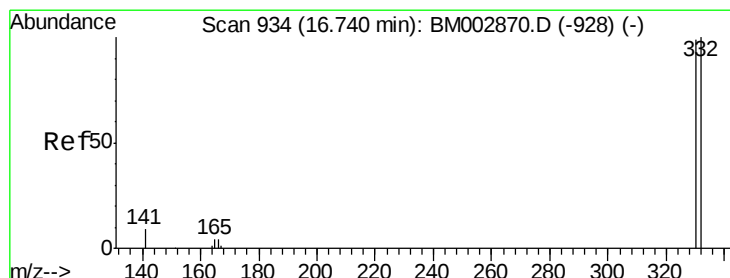
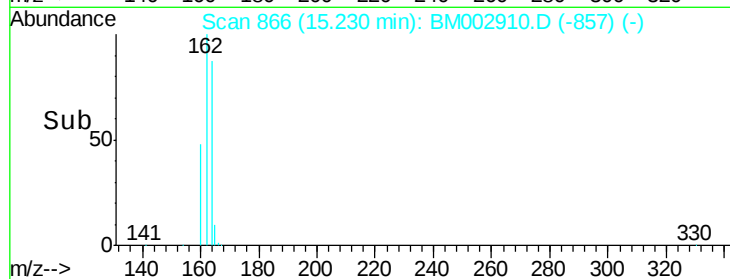
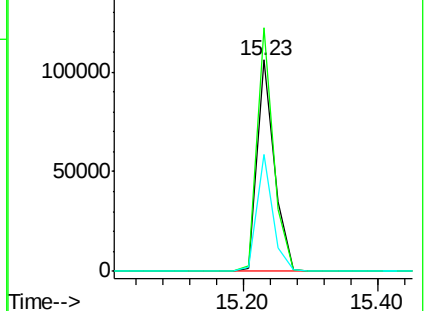
160 55.2 33.1 49.7#



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: 0.69 ng

RT: 16.72 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

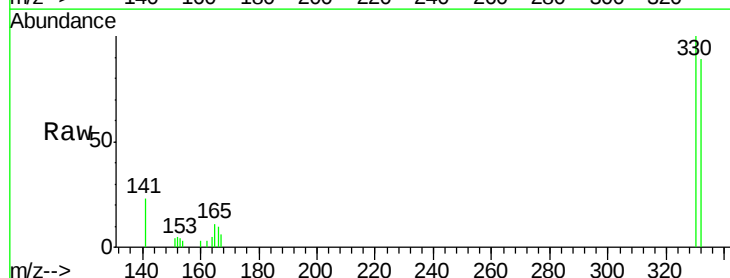
Tgt Ion:330 Resp: 4404

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

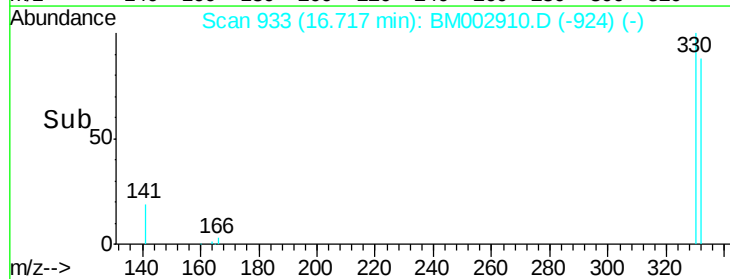
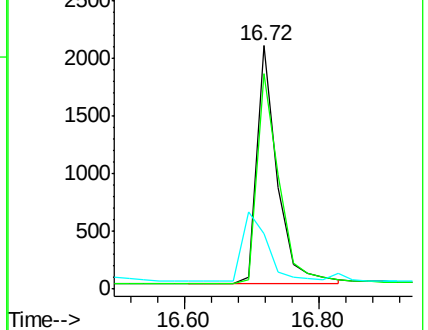
141 0.0 0.0 0.0

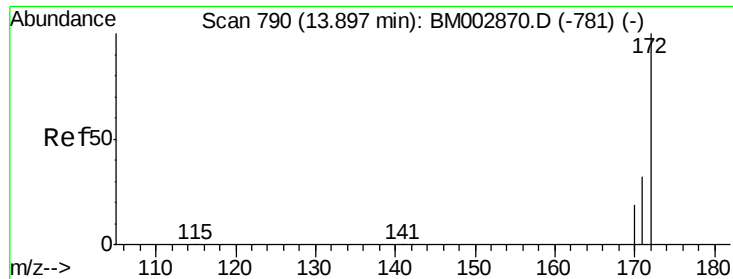


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

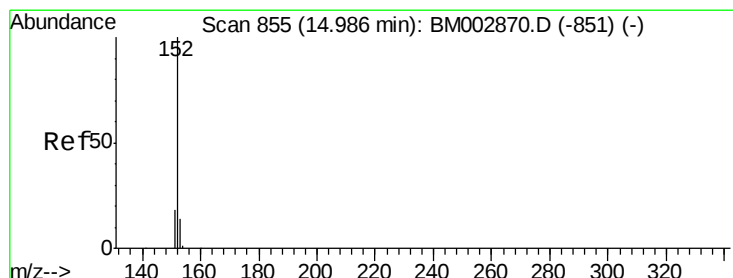
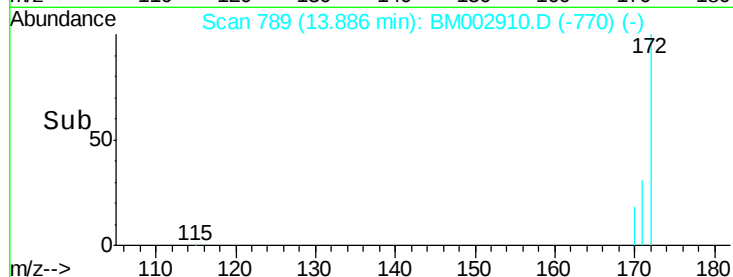
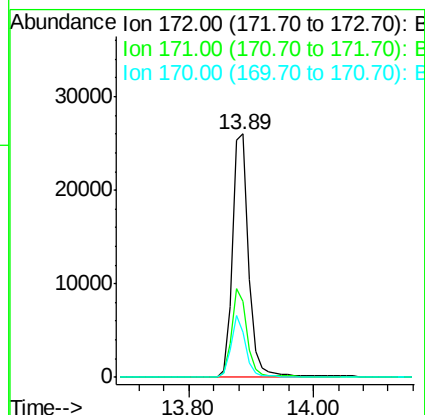
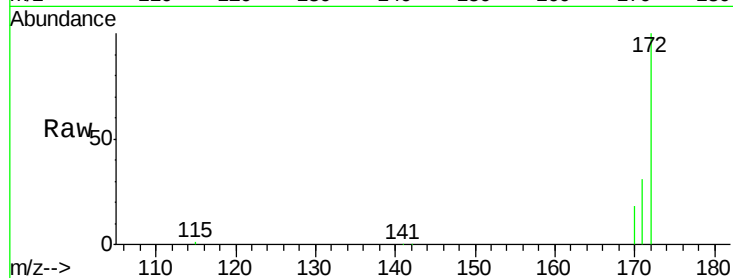




#15
2-Fluorobiphenyl
Concen: 0.82 ng
RT: 13.89 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

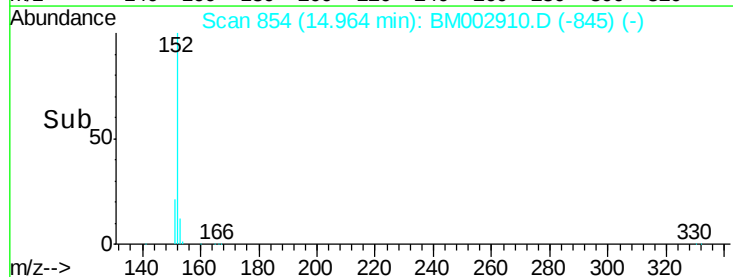
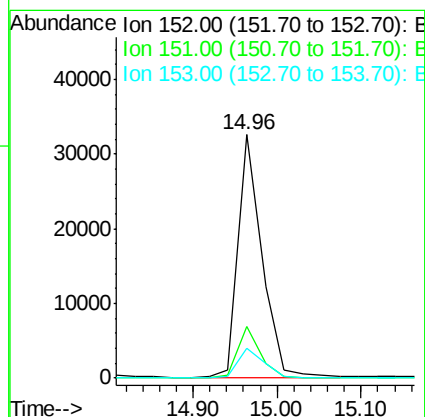
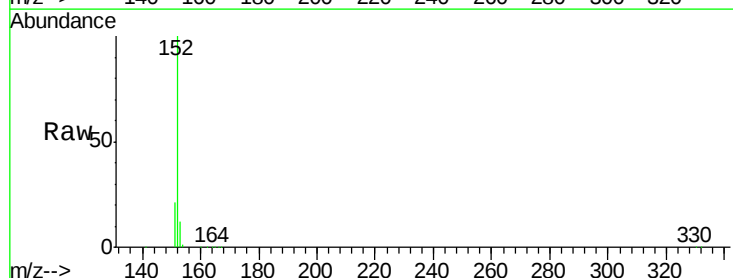
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

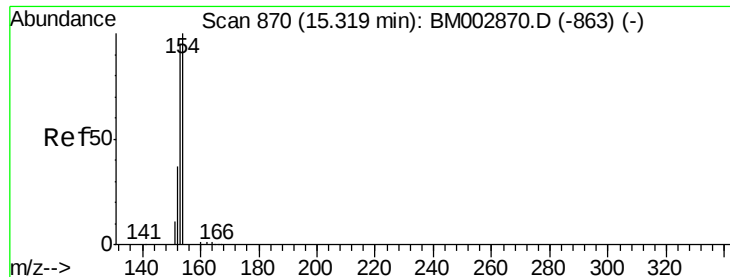
Tot Ion:172 Resp: 47413
Ion Ratio Lower Upper
172 100
171 31.4 26.1 39.1
170 18.5 15.7 23.5



#16
Acenaphthylene
Concen: 0.78 ng
RT: 14.96 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:152 Resp: 63507
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.82 ng

RT: 15.30 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

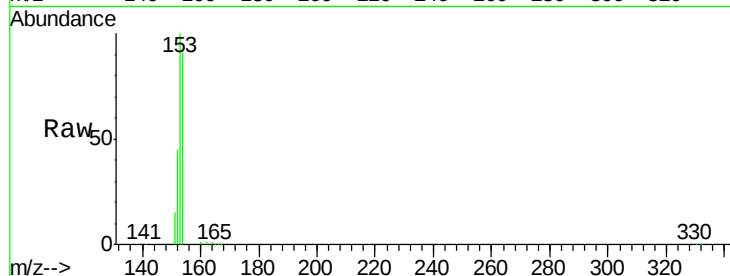
Tot Ion:154 Resp: 43149

Ion Ratio Lower Upper

154 100

153 109.8 0.0 0.0#

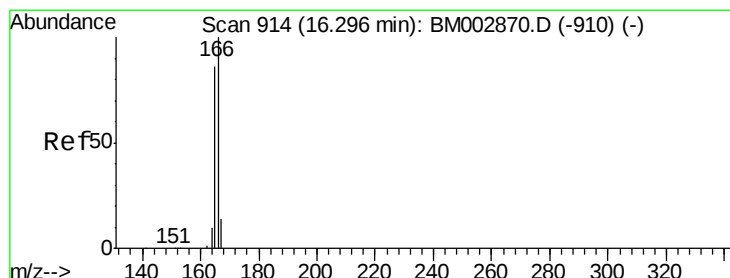
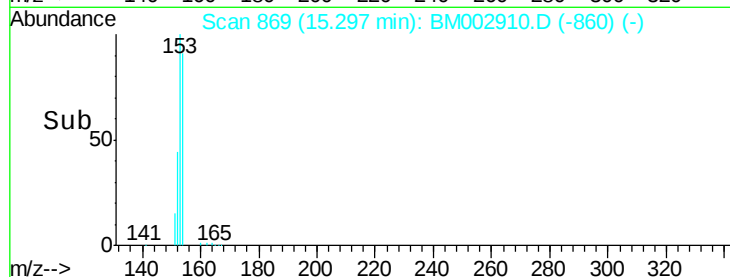
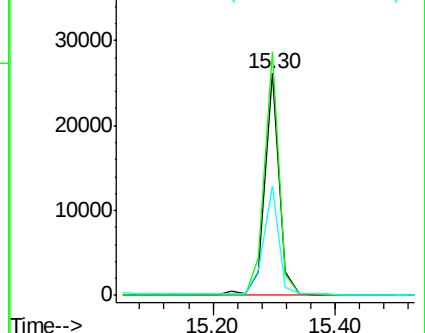
152 51.1 0.0 0.0#



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: 0.82 ng

RT: 16.27 min Scan# 913

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

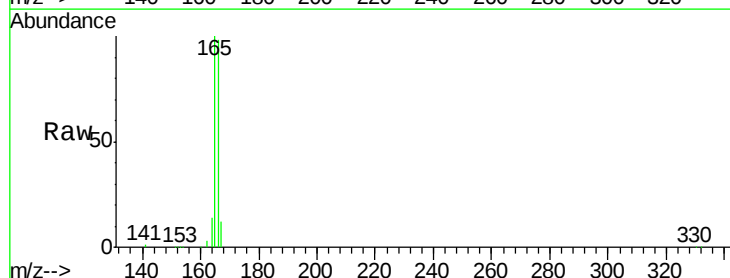
Tgt Ion:166 Resp: 52968

Ion Ratio Lower Upper

166 100

165 98.5 77.3 115.9

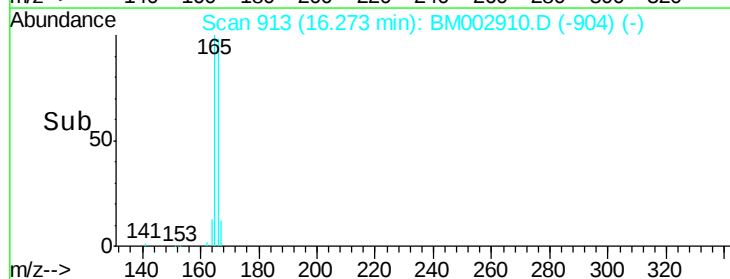
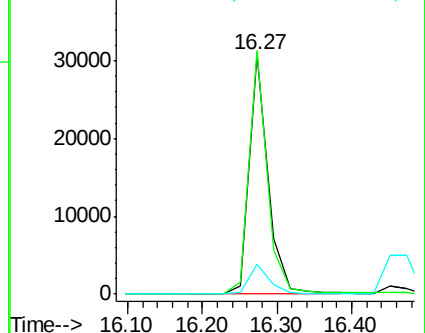
167 13.2 10.9 16.3

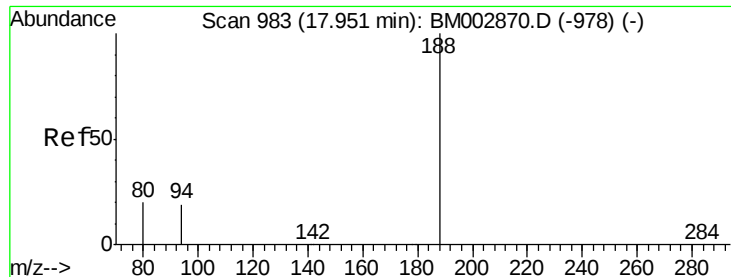


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.95 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

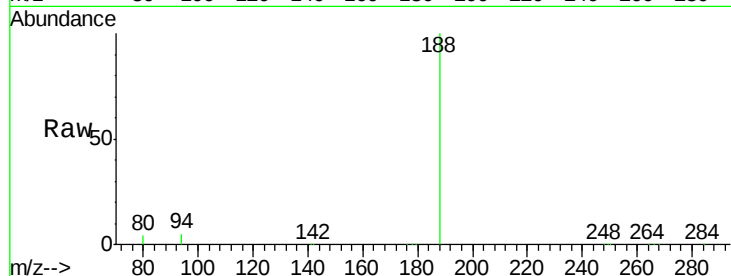
Tot Ion:188 Resp: 447491

Ion Ratio Lower Upper

188 100

94 4.7 15.2 22.8#

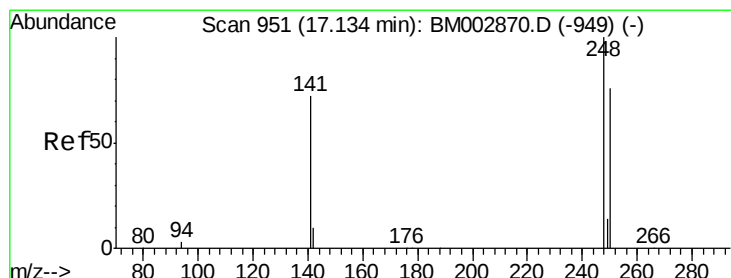
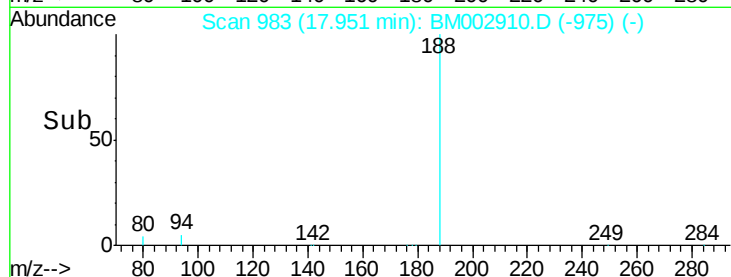
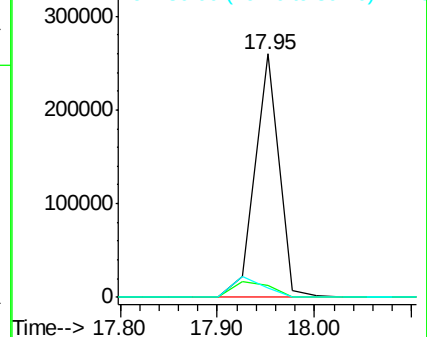
80 4.0 15.9 23.9#



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: 0.69 ng

RT: 17.13 min Scan# 951

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

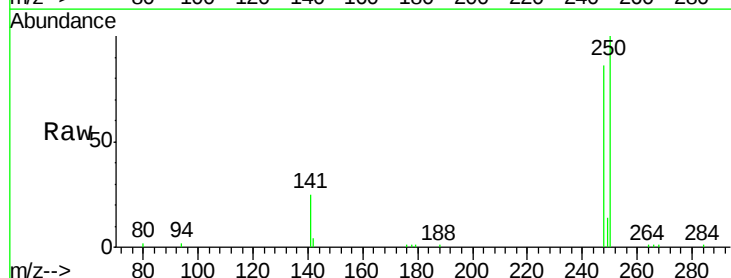
Tgt Ion:248 Resp: 14701

Ion Ratio Lower Upper

248 100

250 107.9 71.4 107.2#

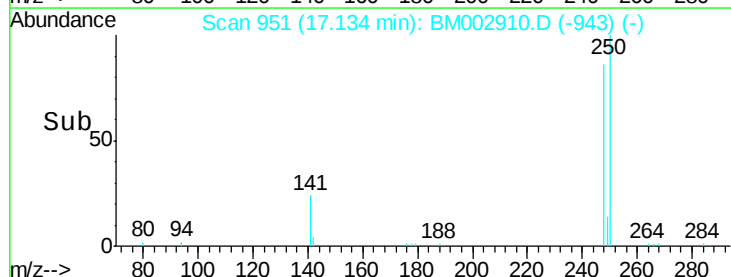
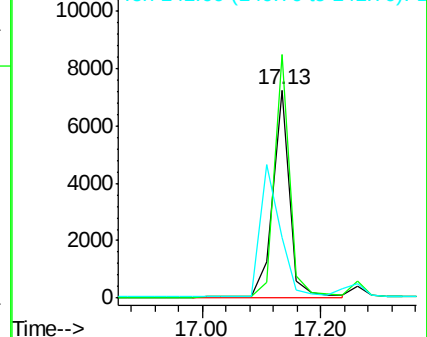
141 0.0 54.6 82.0#

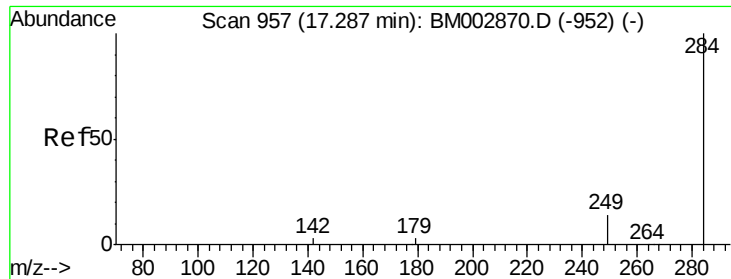


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

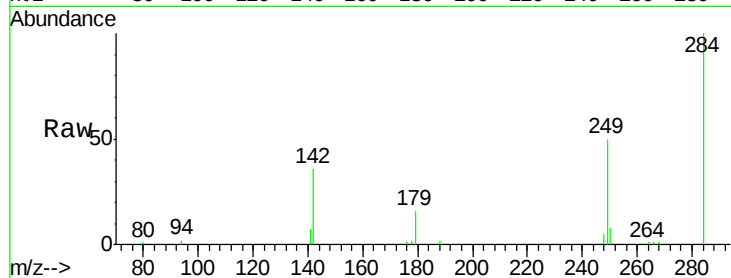




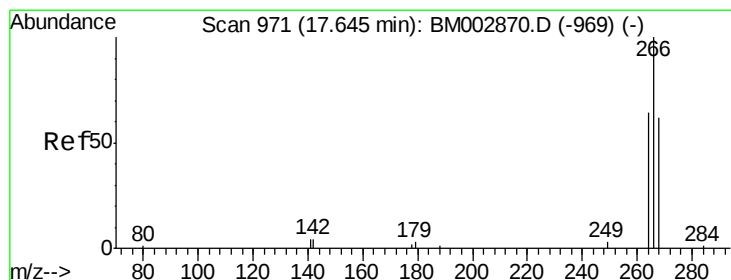
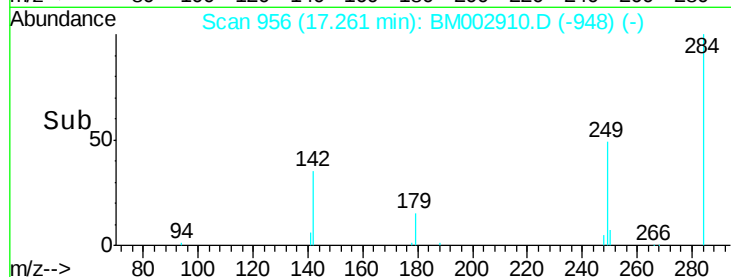
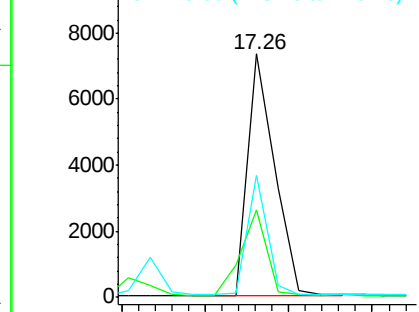
#21
Hexachlorobenzene
Concen: 0.63 ng
RT: 17.26 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion:284 Resp: 16595
Ion Ratio Lower Upper
284 100
142 32.9 0.0 0.0#
249 36.6 20.7 31.1#

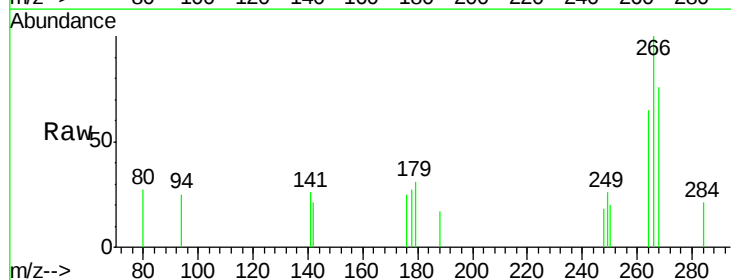


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

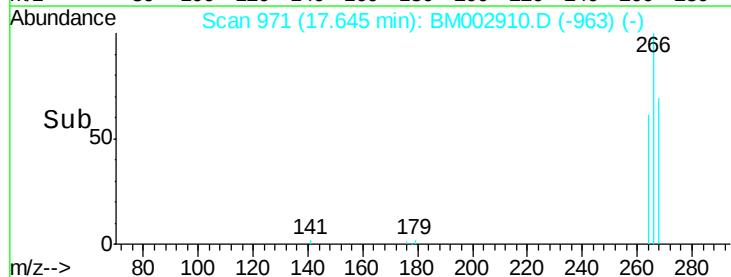
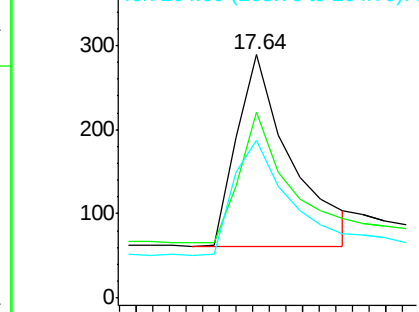


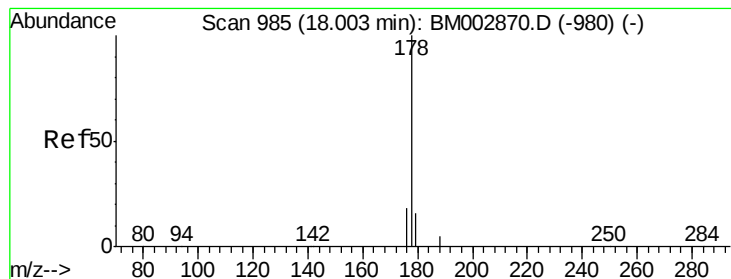
#22
Pentachlorophenol
Concen: 0.42 ng
RT: 17.64 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:266 Resp: 1032
Ion Ratio Lower Upper
266 100
268 76.5 58.3 87.5
264 65.1 54.2 81.2



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: 0.61 ng

RT: 17.98 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

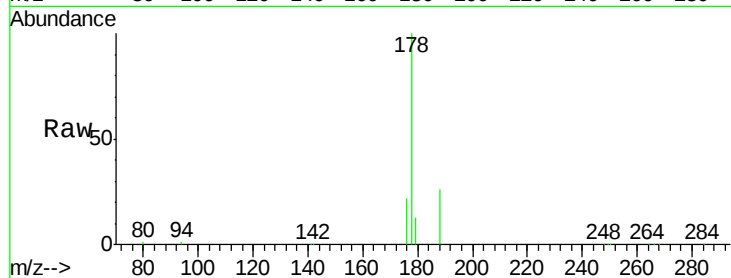
Tot Ion:178 Resp: 80083

Ion Ratio Lower Upper

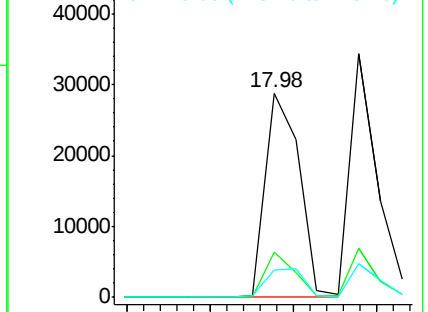
178 100

176 19.0 14.6 21.8

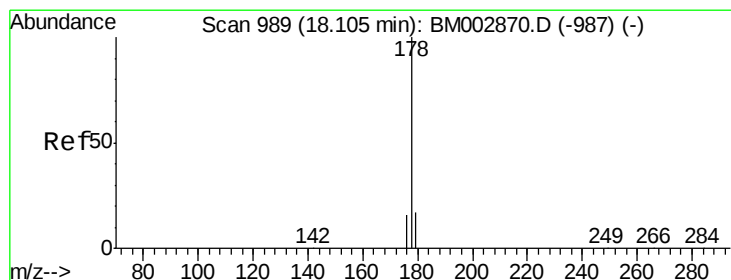
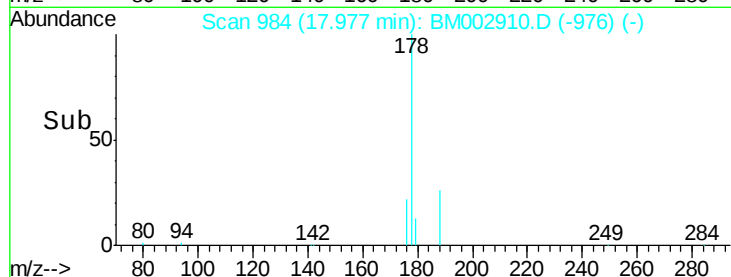
179 0.0 12.5 18.7#



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



Time--> 17.80 17.90 18.00 18.10



#24

Anthracene

Concen: 0.69 ng

RT: 18.08 min Scan# 988

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

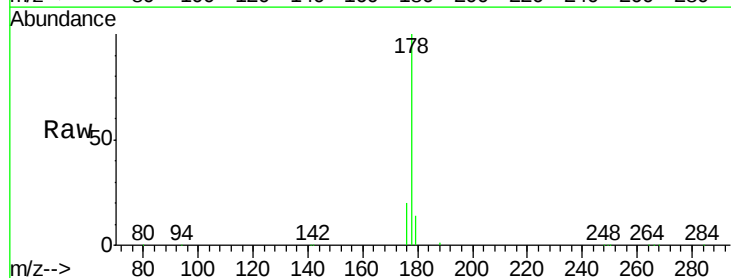
Tgt Ion:178 Resp: 76346

Ion Ratio Lower Upper

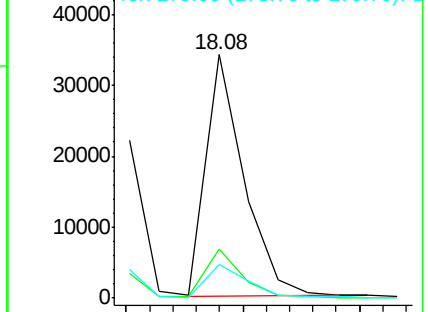
178 100

176 18.5 13.9 20.9

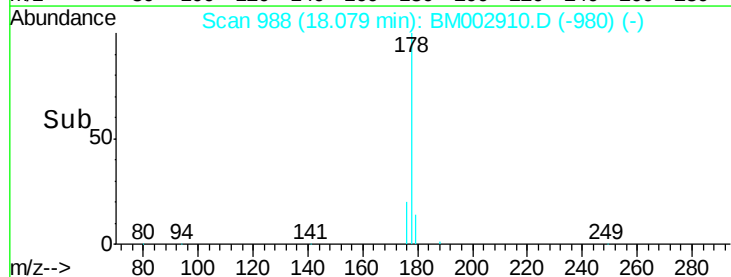
179 14.9 12.6 18.8

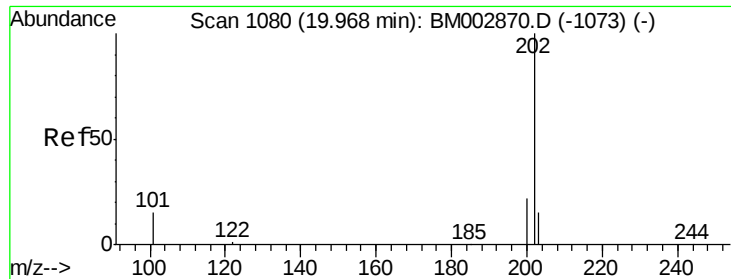


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 18.00 18.10 18.20





#25

Fluoranthene

Concen: 0.61 ng

RT: 19.97 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

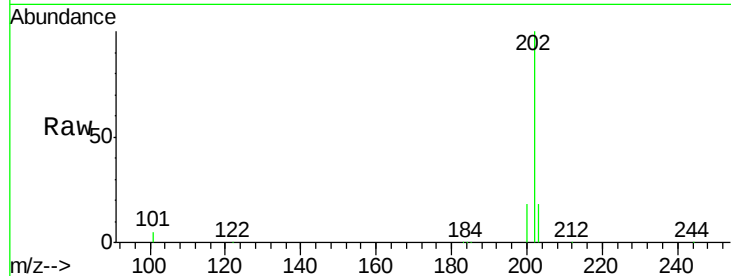
Tot Ion:202 Resp: 88877

Ion Ratio Lower Upper

202 100

101 13.9 11.0 16.6

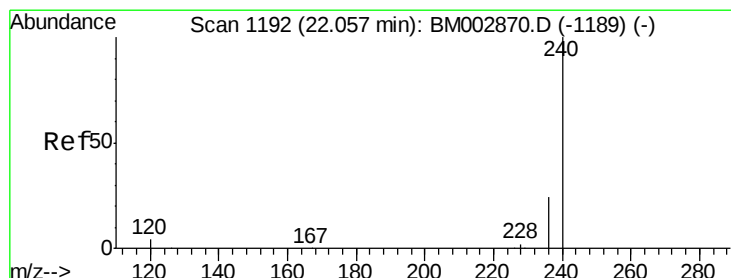
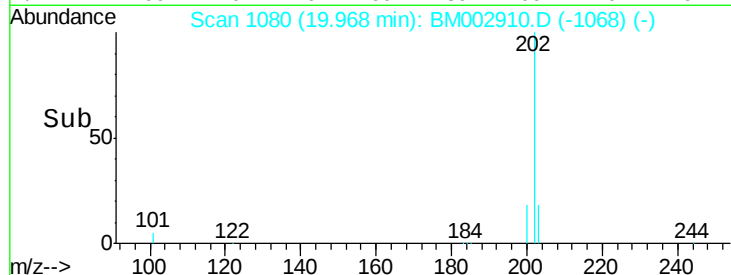
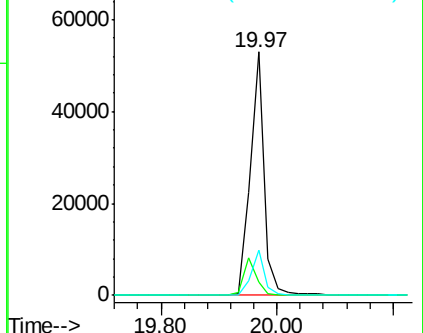
203 17.3 13.8 20.6



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: 22.04 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

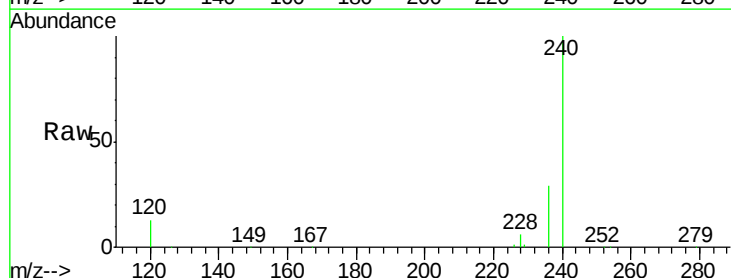
Tgt Ion:240 Resp: 410423

Ion Ratio Lower Upper

240 100

120 13.1 3.3 4.9#

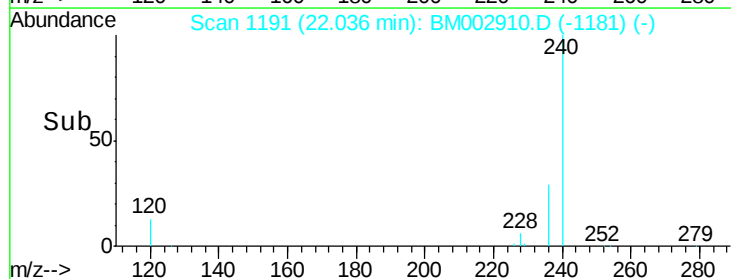
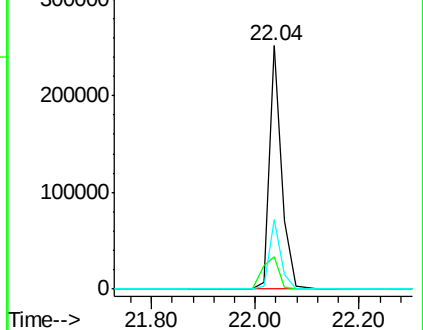
236 28.8 19.5 29.3

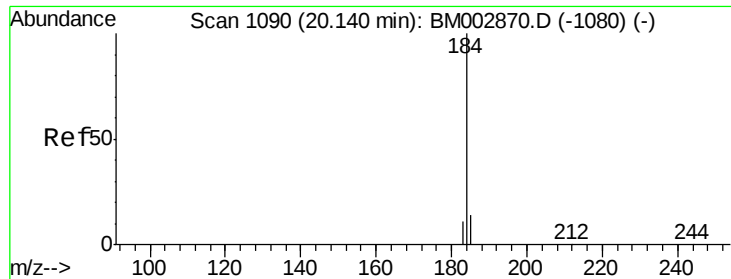


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

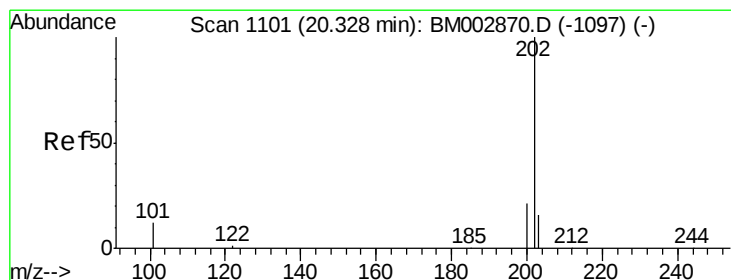
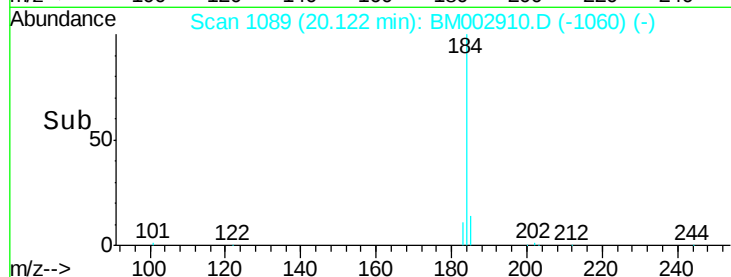
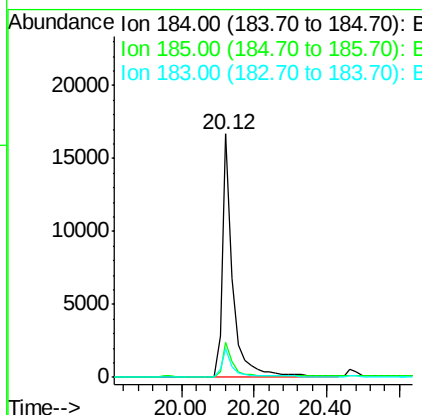
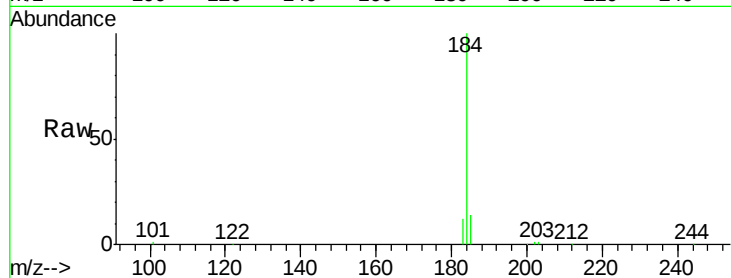




#27
Benzidine
Concen: 0.60 ng
RT: 20.12 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

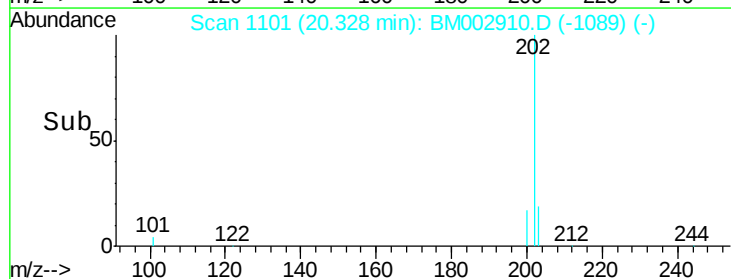
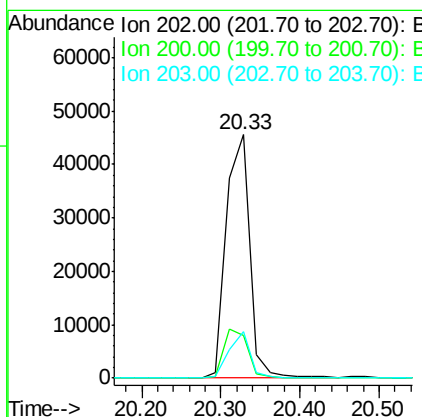
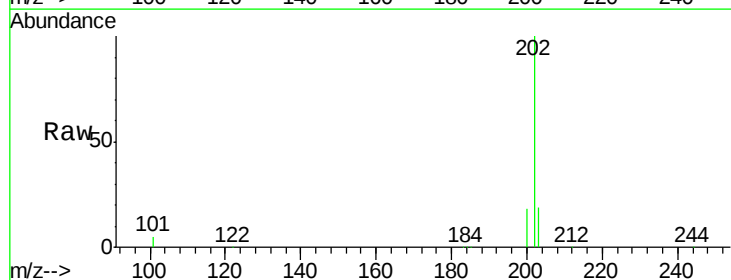
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

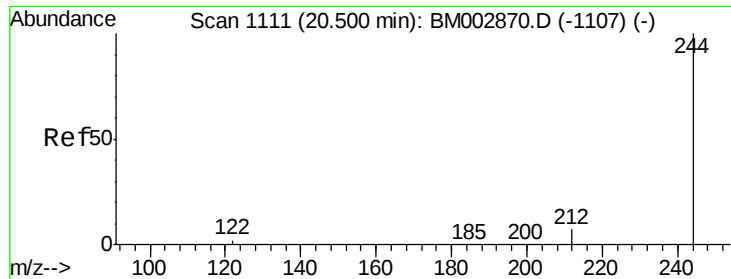
Tot Ion:184 Resp: 33602
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.6 8.9 13.3



#28
Pyrene
Concen: 0.84 ng
RT: 20.33 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:202 Resp: 92719
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.88 ng

RT: 20.48 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

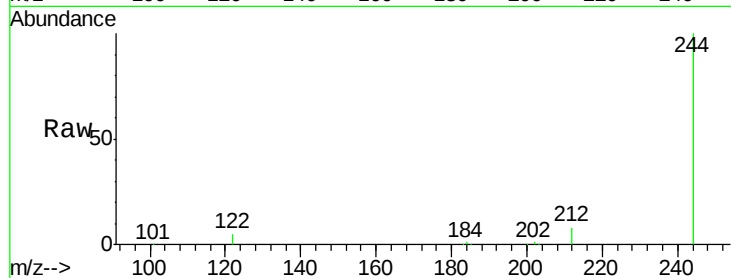
Tot Ion:244 Resp: 48158

Ion Ratio Lower Upper

244 100

212 7.7 5.6 8.4

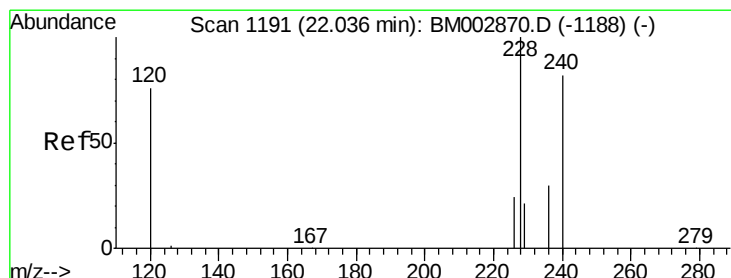
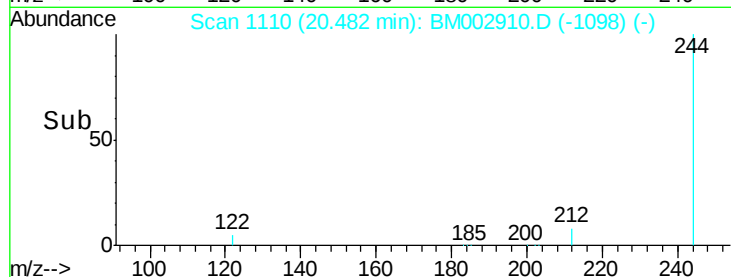
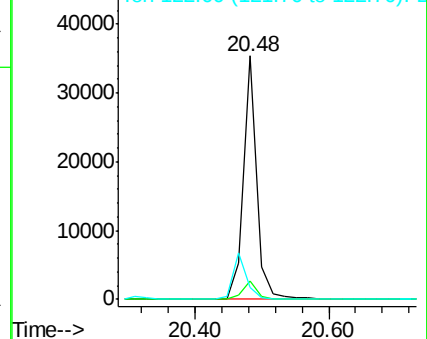
122 4.9 2.2 3.2#



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: 0.80 ng

RT: 22.02 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

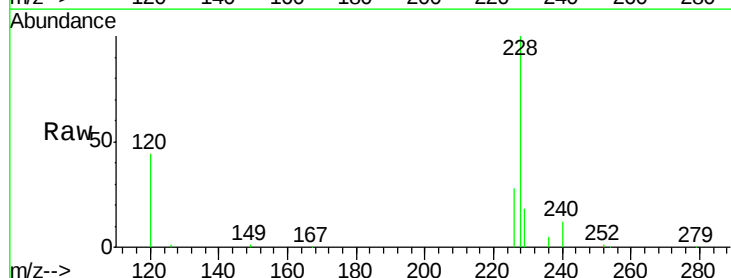
Tgt Ion:228 Resp: 94304

Ion Ratio Lower Upper

228 100

226 27.9 19.0 28.6

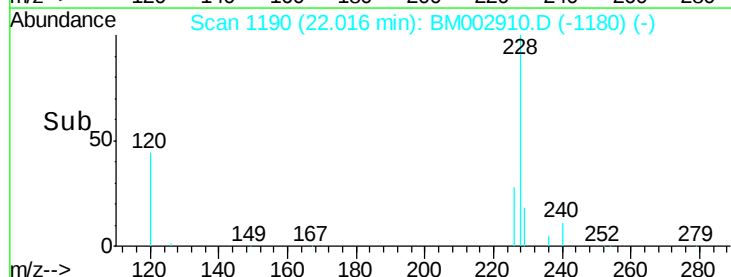
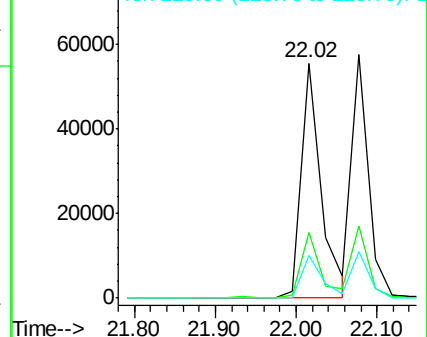
229 18.0 16.8 25.2

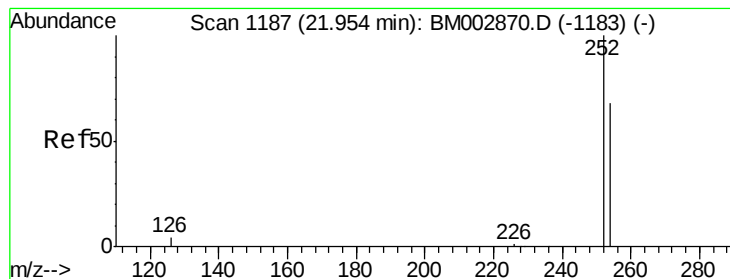


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.65 ng

RT: 21.93 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

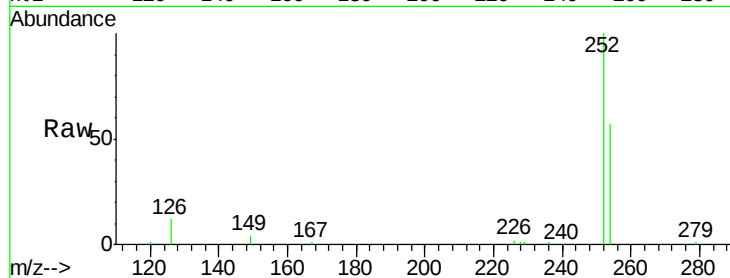
Tot Ion:252 Resp: 29484

Ion Ratio Lower Upper

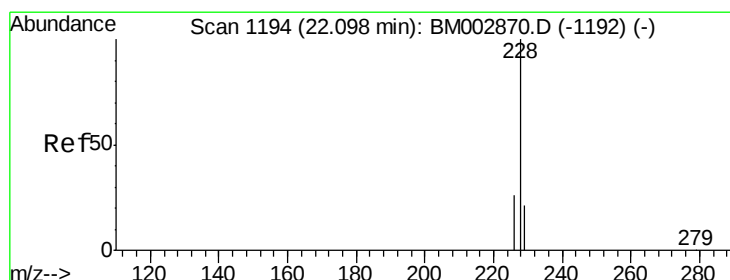
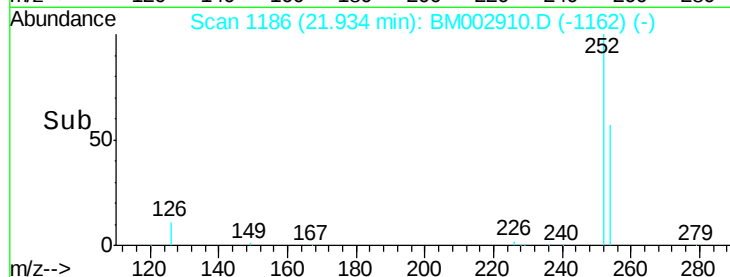
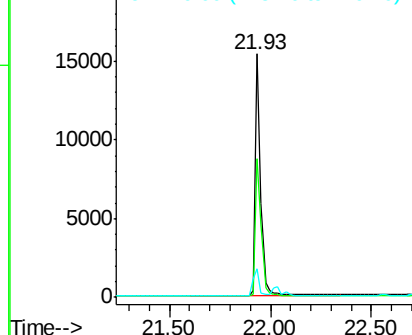
252 100

254 56.8 54.1 81.1

126 11.7 4.1 6.1#



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: 0.76 ng

RT: 22.08 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

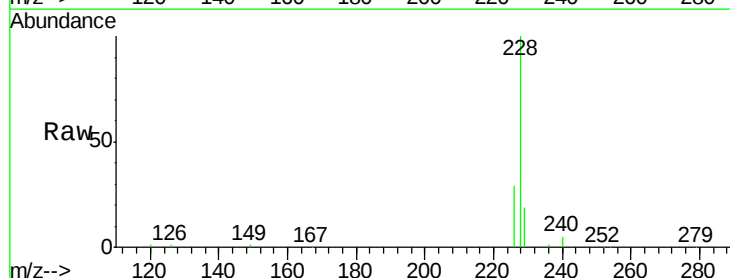
Tgt Ion:228 Resp: 83358

Ion Ratio Lower Upper

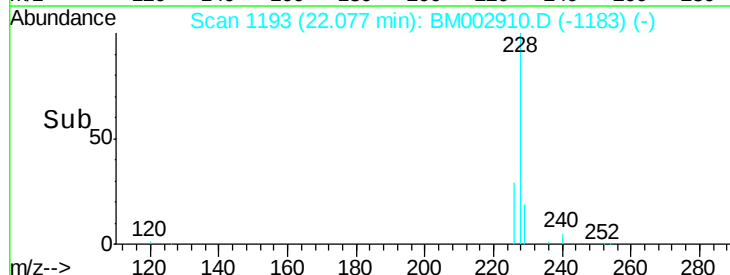
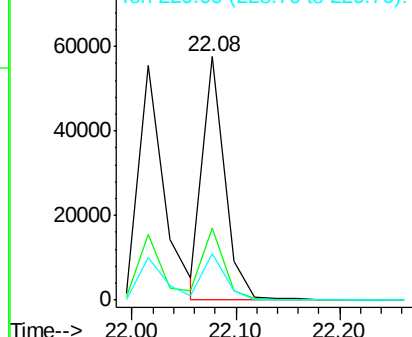
228 100

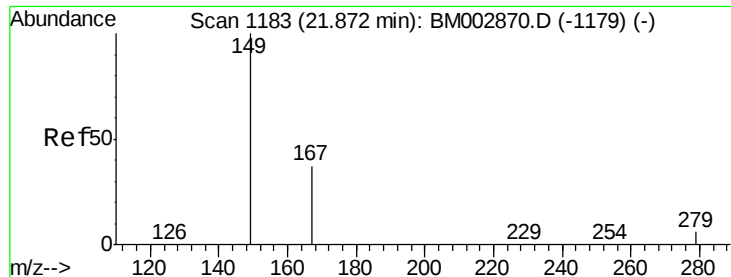
226 29.4 20.6 30.8

229 18.9 17.4 26.2



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: 0.72 ng

RT: 21.85 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

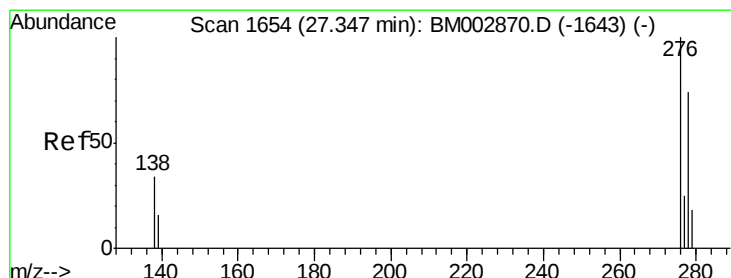
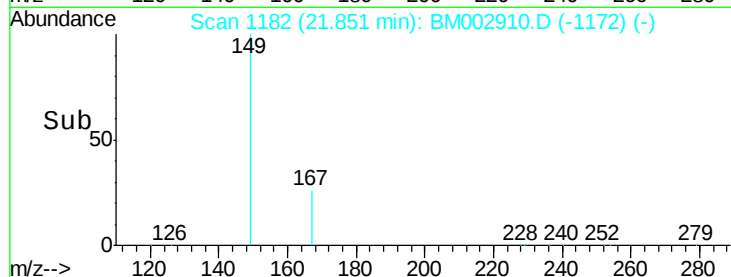
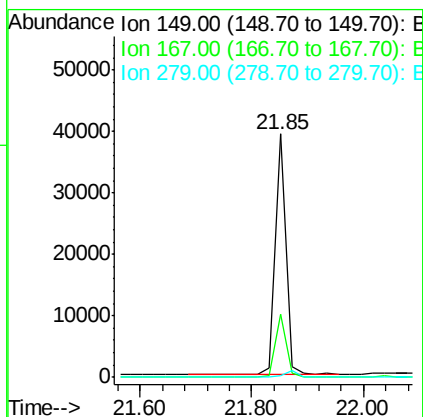
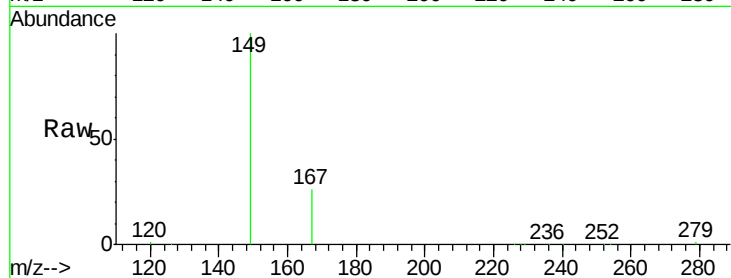
Tot Ion:149 Resp: 51844

Ion Ratio Lower Upper

149 100

167 26.3 17.2 25.8#

279 0.0 2.2 3.4#



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.65 ng

RT: 27.32 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

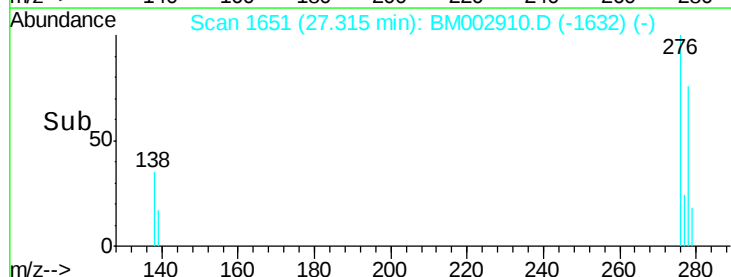
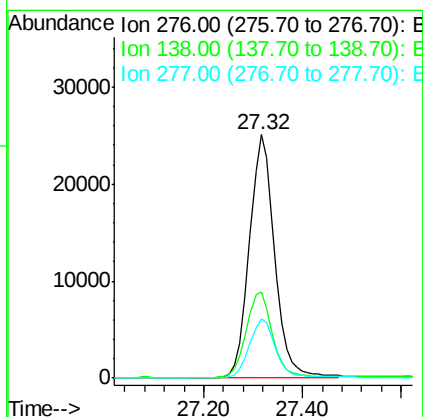
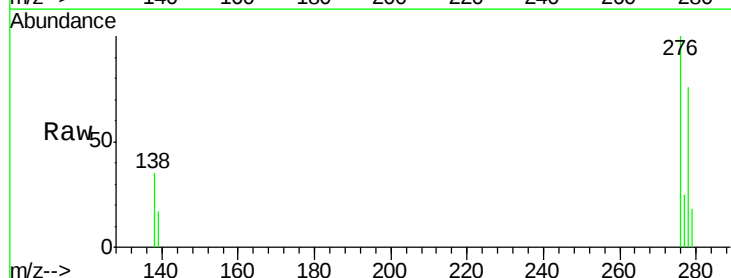
Tgt Ion:276 Resp: 86088

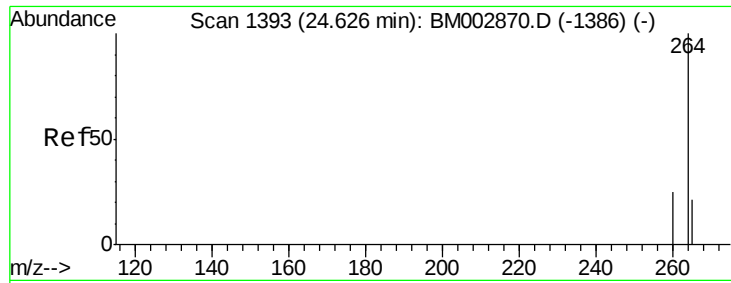
Ion Ratio Lower Upper

276 100

138 36.2 29.0 43.6

277 24.7 19.8 29.8

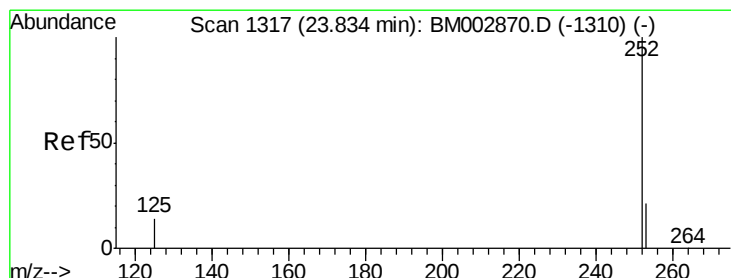
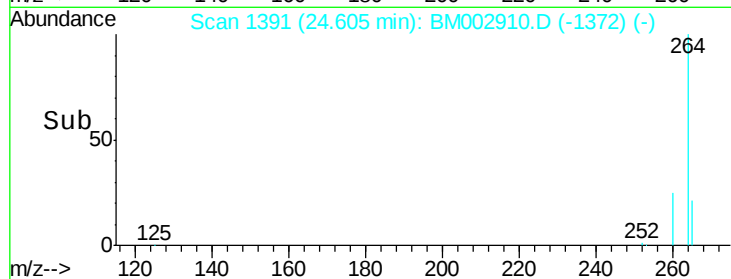
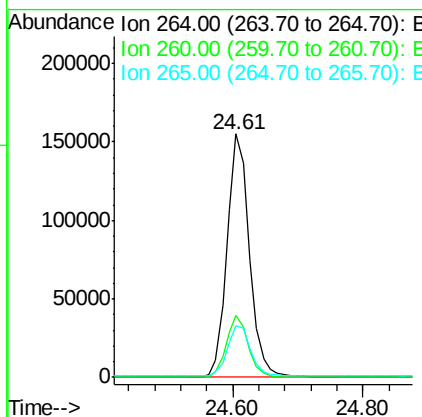
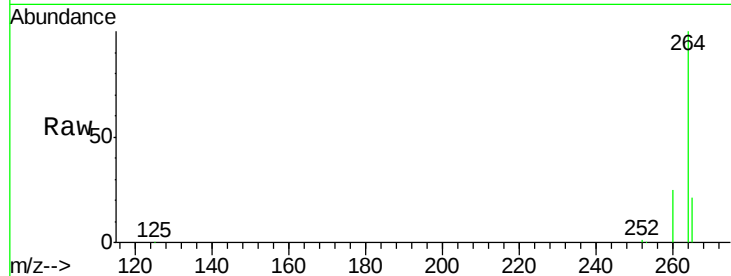




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.61 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BM002910.D
 Acq: 15 Oct 2015 12:12

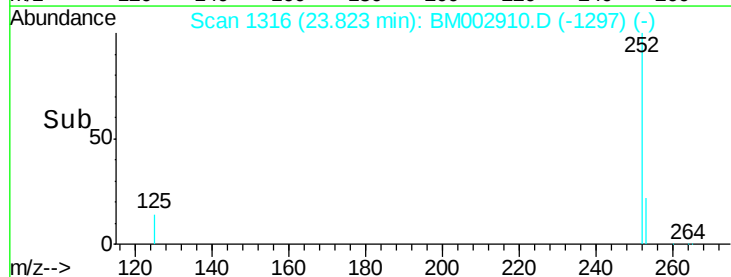
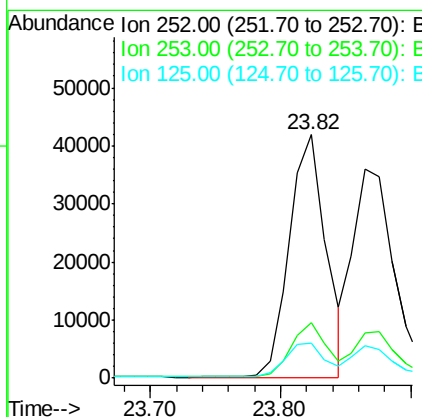
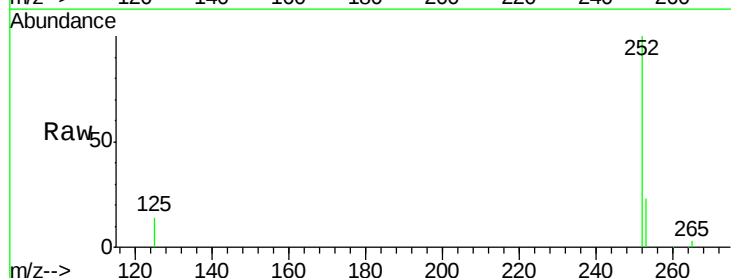
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

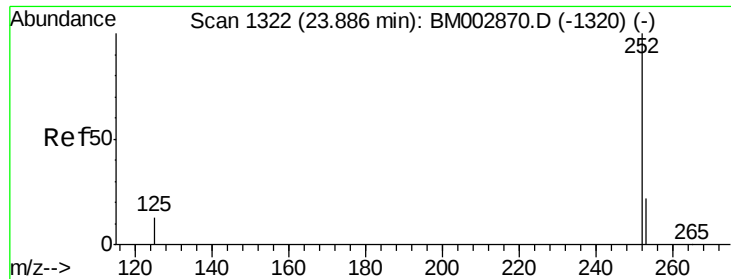
Tot Ion:264 Resp: 367951
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.4 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 0.77 ng
 RT: 23.82 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BM002910.D
 Acq: 15 Oct 2015 12:12

Tgt Ion:252 Resp: 81531
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.5 26.3
 125 14.3 12.4 18.6

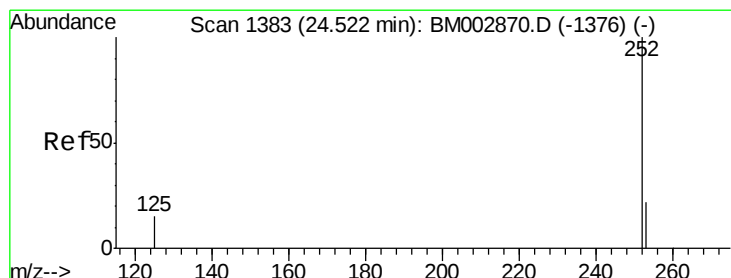
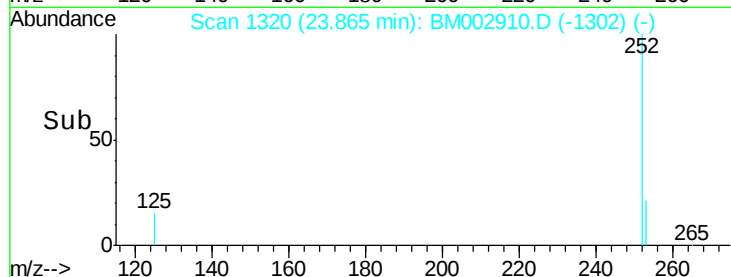
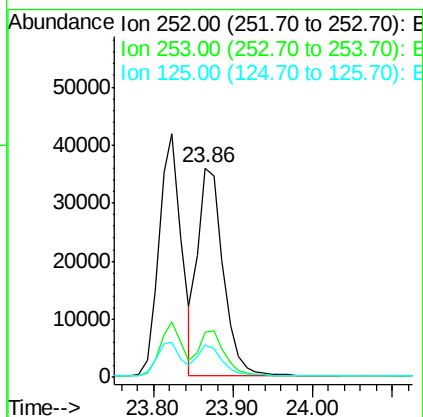
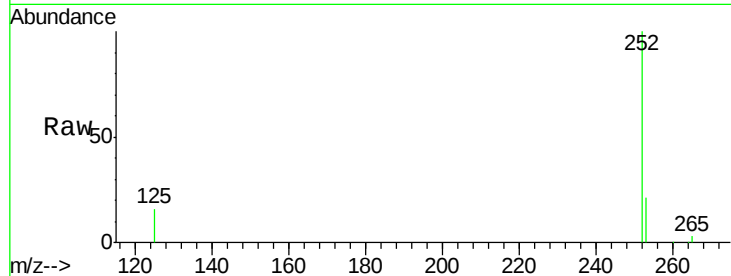




#37
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 23.86 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

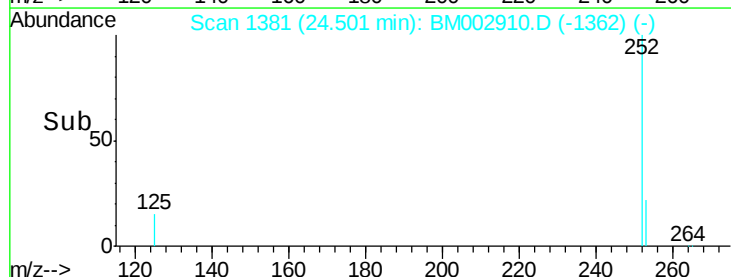
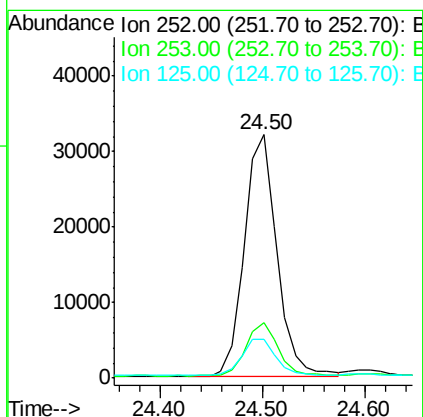
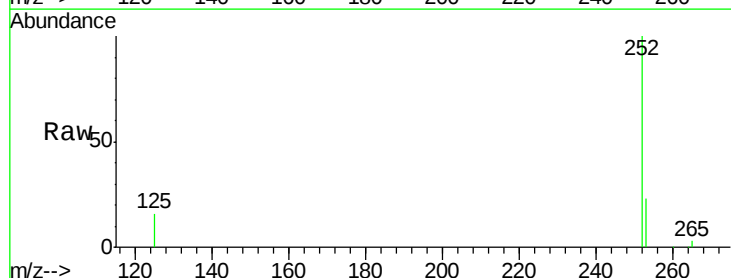
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

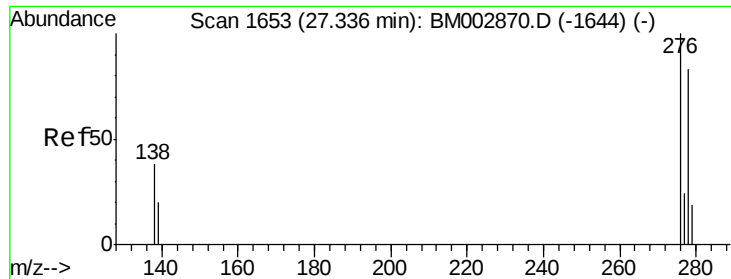
Tot Ion:252 Resp: 79165
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 15.6 12.3 18.5



#38
Benzo(a)pyrene
Concen: 0.73 ng
RT: 24.50 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:252 Resp: 71109
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 16.2 13.3 19.9





#39

Dibenzo(a,h)anthracene

Concen: 0.72 ng

RT: 27.32 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

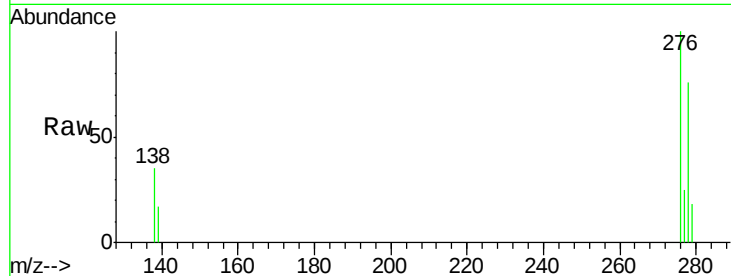
Tot Ion:278 Resp: 68369

Ion Ratio Lower Upper

278 100

139 22.8 19.8 29.6

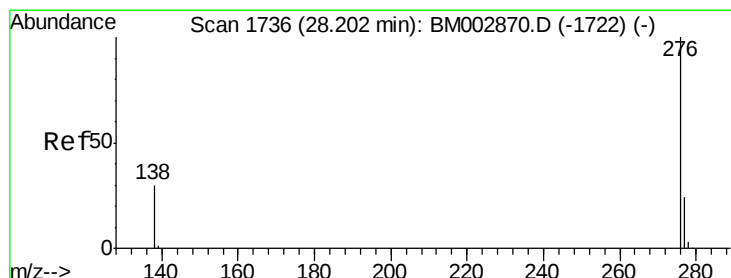
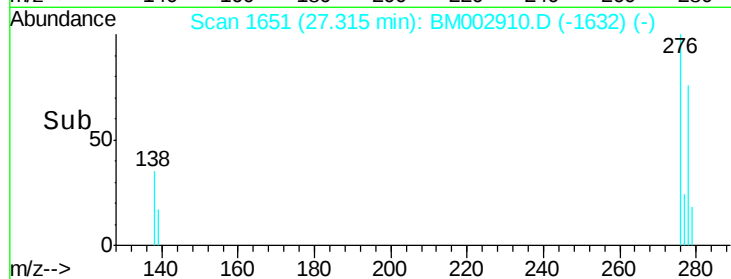
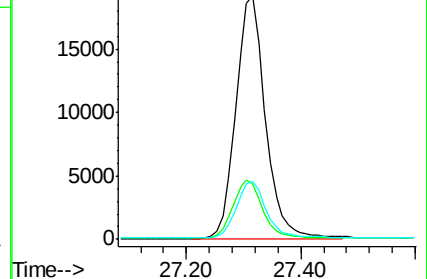
279 23.9 19.1 28.7



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: 0.74 ng

RT: 28.16 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BM002910.D

Acq: 15 Oct 2015 12:12

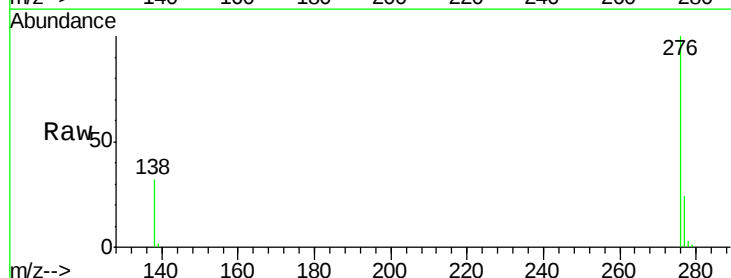
Tgt Ion:276 Resp: 71679

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 31.9 24.4 36.6



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

