

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041015\
 Data File : BM000937.D
 Acq On : 10 Apr 2015 10:48
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: Apr 10 23:09:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 16:15:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	41925	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	155800	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	84159	5.00	ng	0.01
24) Phenanthrene-d10	17.00	188	168009	5.00	ng	0.01
30) Chrysene-d12	21.21	240	146283	5.00	ng	0.00
38) Perylene-d12	23.39	264	132394	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	8810	0.99	ng	-0.02
5) Phenol-d6	6.78	99	10368	0.98	ng	0.00
9) Nitrobenzene-d5	8.76	82	7222	0.96	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	2542	0.85	ng	0.01
19) 2-Fluorobiphenyl	12.88	172	22488	0.95	ng	0.00
33) Terphenyl-d14	19.65	244	18220	1.02	ng	0.00

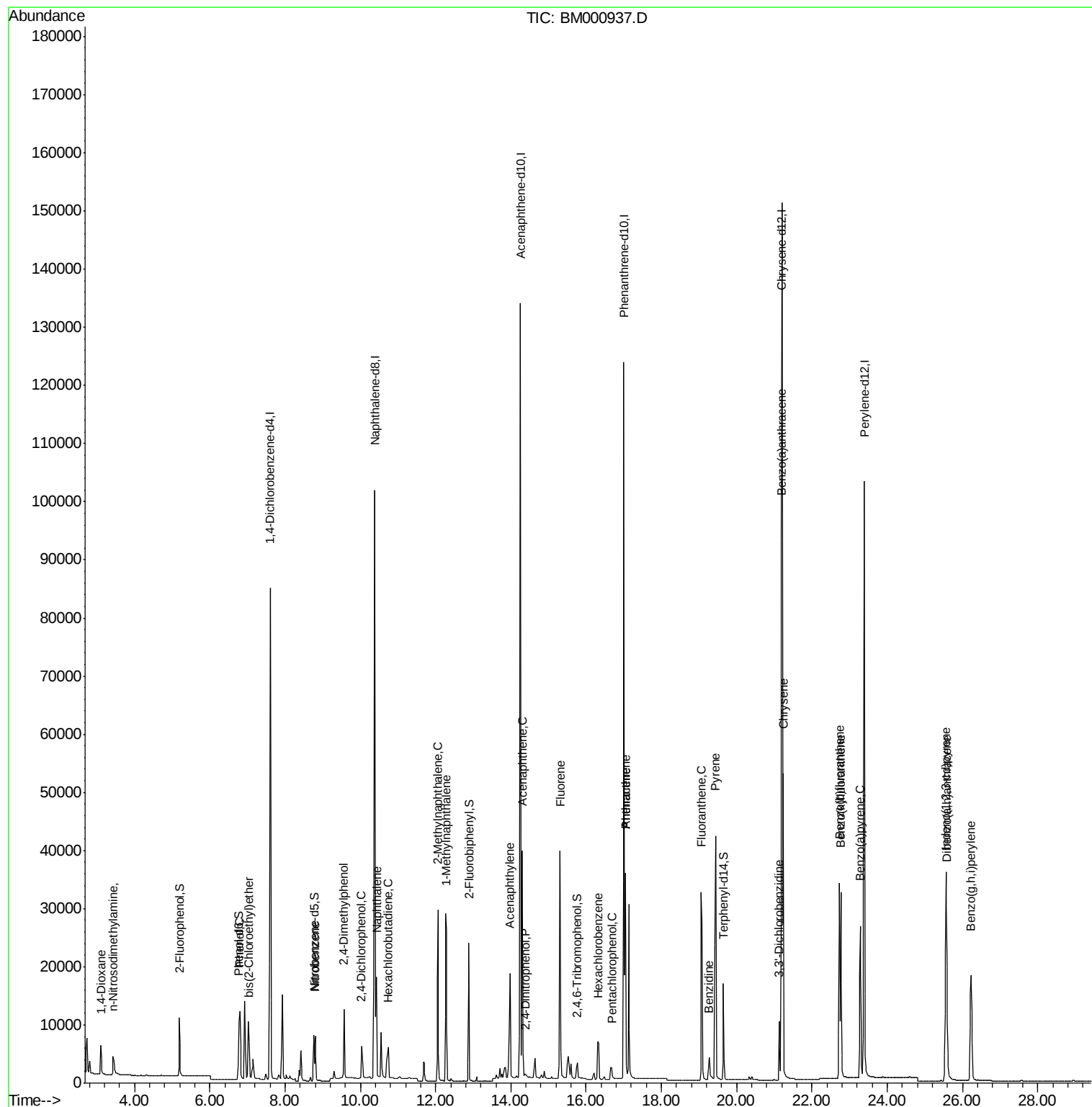
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	3893	0.99	ng	99
3) n-Nitrosodimethylamine	3.43	42	3883	0.95	ng	# 71
6) Phenol	6.80	94	10678	0.98	ng	# 43
7) bis(2-Chloroethyl)ether	7.04	93	9438	0.99	ng	96
10) Nitrobenzene	8.80	77	8749	0.95	ng	98
11) 2,4-Dimethylphenol	9.56	122	8365	0.97	ng	98
12) 2,4-Dichlorophenol	10.03	162	7276	0.96	ng	97
13) Naphthalene	10.44	128	31688	1.01	ng	100
14) Hexachlorobutadiene	10.74	225	5603	0.97	ng	99
15) 2-Methylnaphthalene	12.06	142	21526	1.00	ng	100
16) 1-Methylnaphthalene	12.29	142	21615	1.00	ng	99
20) Acenaphthylene	13.97	152	30626	0.85	ng	94
21) Acenaphthene	14.31	154	22077	0.95	ng	# 62
22) 2,4-Dinitrophenol	14.38	184	646	0.89	ng	# 63
23) Fluorene	15.30	166	26967	1.00	ng	# 71
25) Hexachlorobenzene	16.33	284	8638	0.95	ng	# 69
26) Pentachlorophenol	16.68	266	2653	0.89	ng	90
27) Phenanthrene	17.05	178	42168	0.97	ng	93
28) Anthracene	17.05	178	42168	1.06	ng	98
29) Fluoranthene	19.06	202	44031	0.97	ng	84
31) Benzidine	19.27	184	8757	1.11	ng	97
32) Pyrene	19.44	202	46923	0.99	ng	95
34) Benzo(a)anthracene	21.19	228	39981	0.95	ng	97
35) 3,3'-Dichlorobenzidine	21.13	252	10308	0.90	ng	95
36) Chrysene	21.24	228	43634	1.01	ng	97
37) Indeno(1,2,3-cd)pyrene	25.56	276	42715	0.97	ng	100
39) Benzo(b)fluoranthene	22.73	252	43139	1.04	ng	96
40) Benzo(k)fluoranthene	22.77	252	37455	0.94	ng	97
41) Benzo(a)pyrene	23.28	252	36026	0.99	ng	98
42) Dibenzo(a,h)anthracene	25.58	278	32770	0.97	ng	98
43) Benzo(g,h,i)perylene	26.22	276	36483	0.98	ng	98

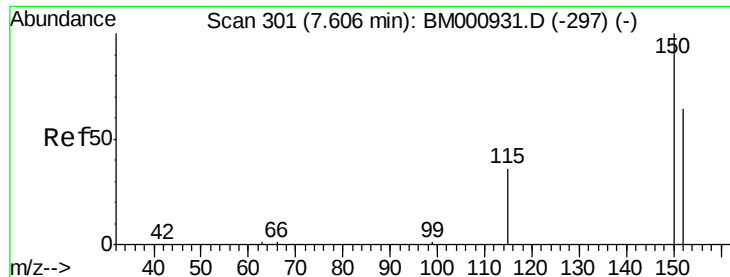
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041015\
Data File : BM000937.D
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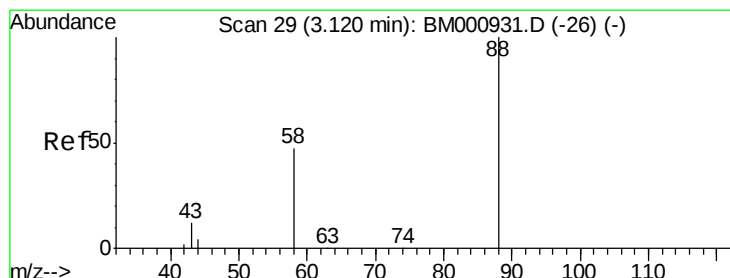
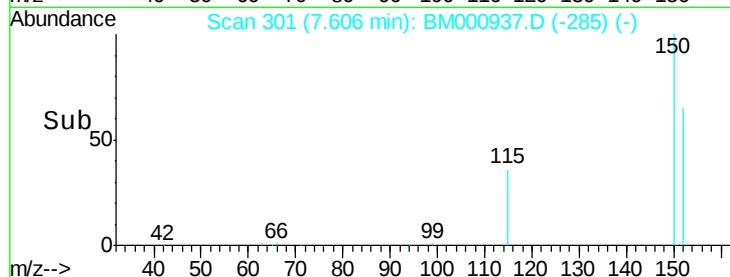
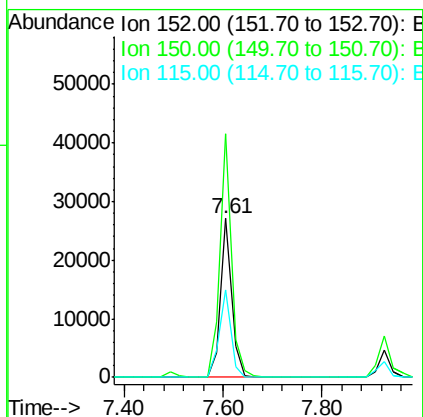
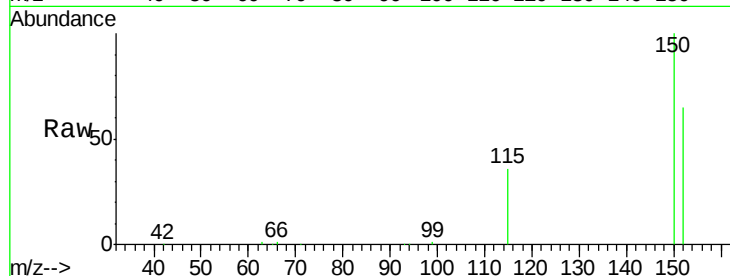


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

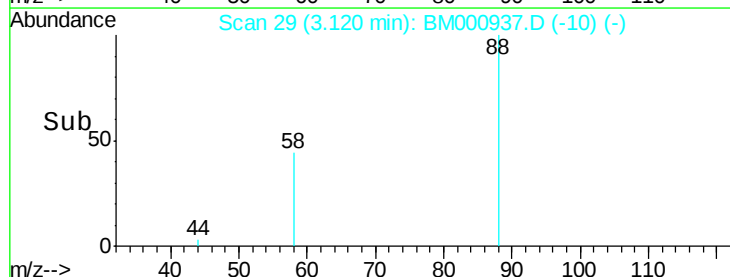
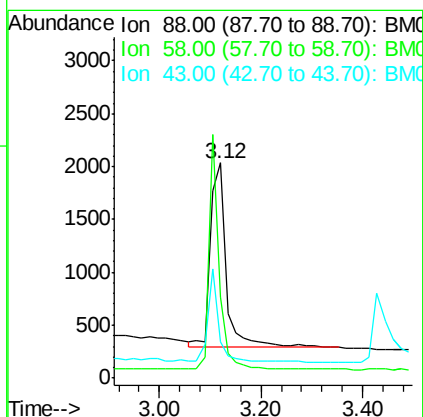
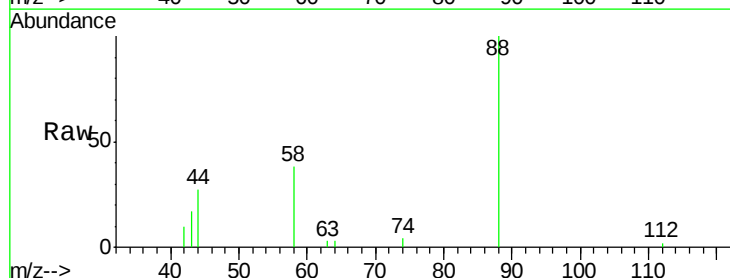
Tgt Ion:152 Resp: 41925
Ion Ratio Lower Upper
152 100
150 153.6 125.4 188.2
115 55.5 45.9 68.9

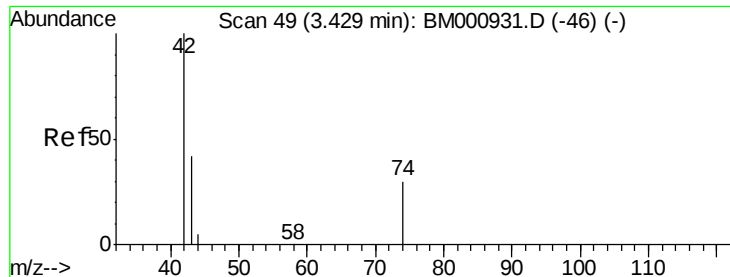


#2

1,4-Dioxane
Concen: 0.99 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Tgt Ion: 88 Resp: 3893
Ion Ratio Lower Upper
88 100
58 79.6 63.0 94.6
43 33.9 27.0 40.4





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

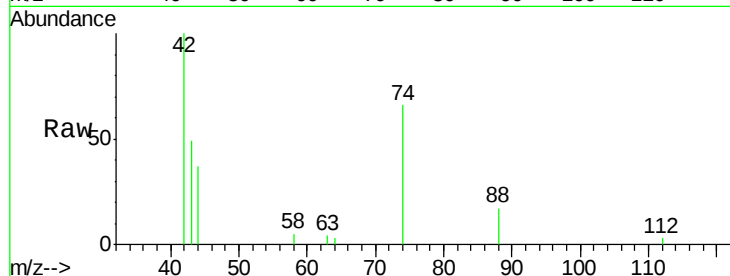
Tgt Ion: 42 Resp: 3883

Ion Ratio Lower Upper

42 100

74 66.3 26.0 39.0#

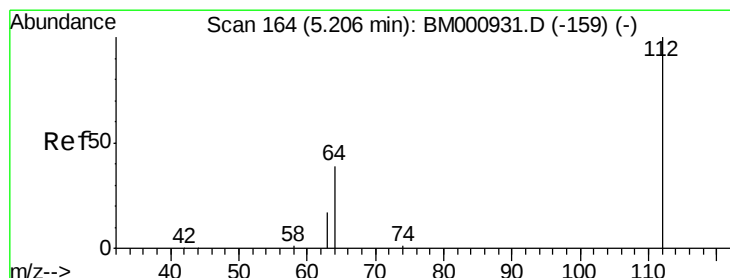
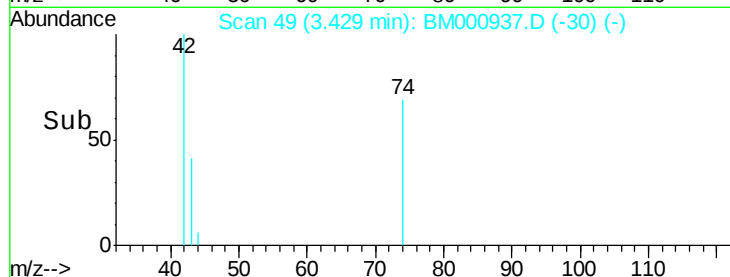
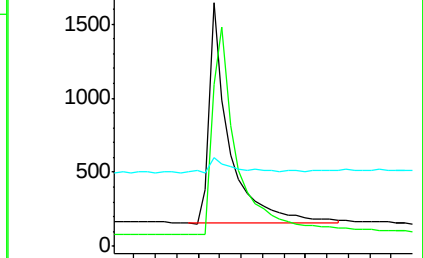
44 36.7 29.0 43.4



Abundance Ion 42.00 (41.70 to 42.70): BM000937.D (-46) (-)

Ion 74.00 (73.70 to 74.70): BM000937.D (-46) (-)

Ion 44.00 (43.70 to 44.70): BM000937.D (-46) (-)



#4

2-Fluorophenol

Concen: 0.99 ng

RT: 5.19 min Scan# 163

Delta R.T. -0.02 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

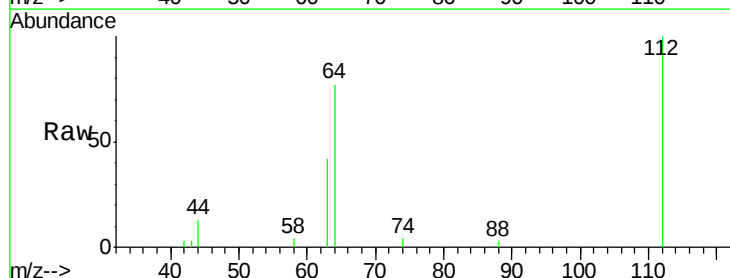
Tgt Ion: 112 Resp: 8810

Ion Ratio Lower Upper

112 100

64 77.0 31.8 47.8#

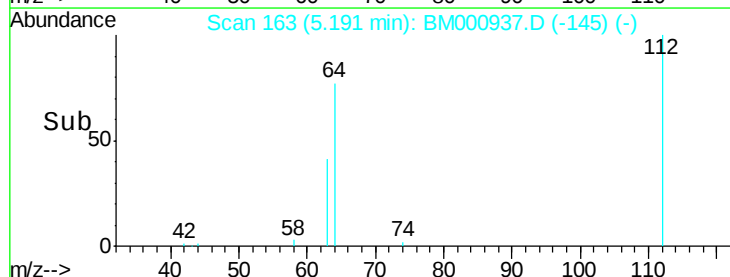
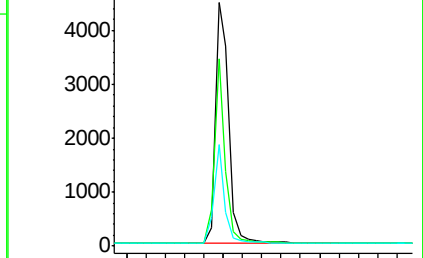
63 41.5 14.5 21.7#

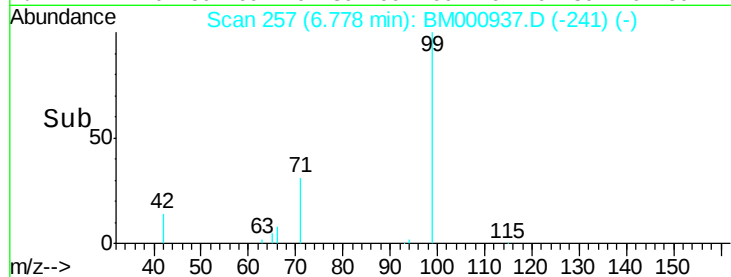
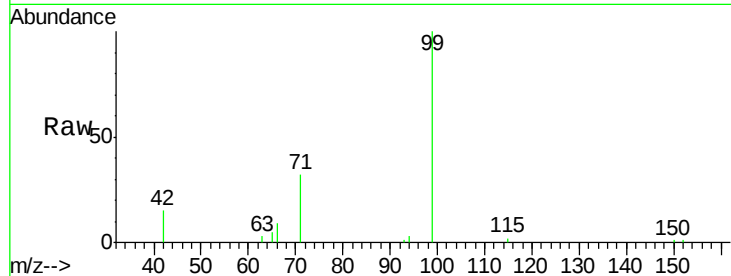
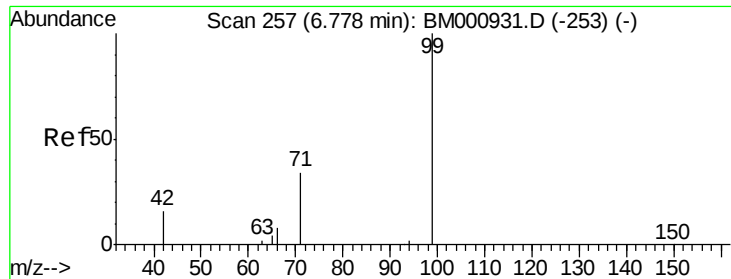


Abundance Ion 112.00 (111.70 to 112.70): BM000937.D (-159) (-)

Ion 64.00 (63.70 to 64.70): BM000937.D (-159) (-)

Ion 63.00 (62.70 to 63.70): BM000937.D (-159) (-)





#5

Phenol-d6

Concen: 0.98 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

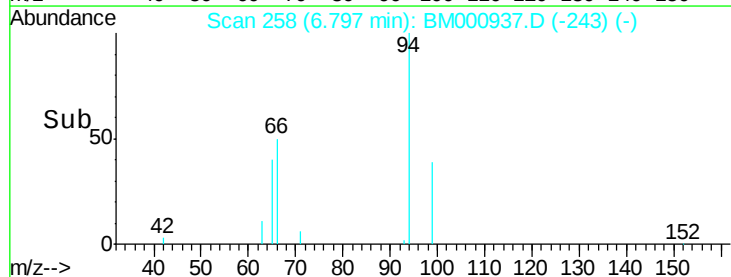
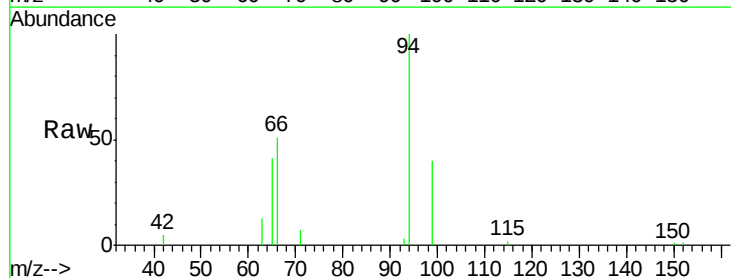
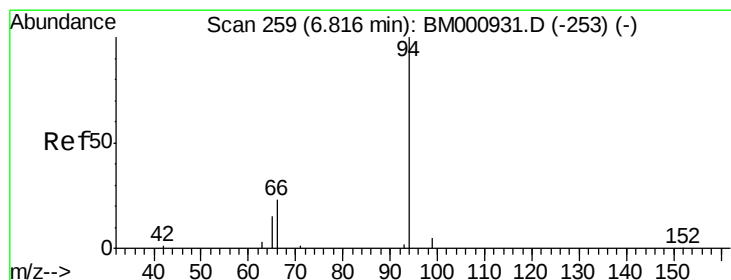
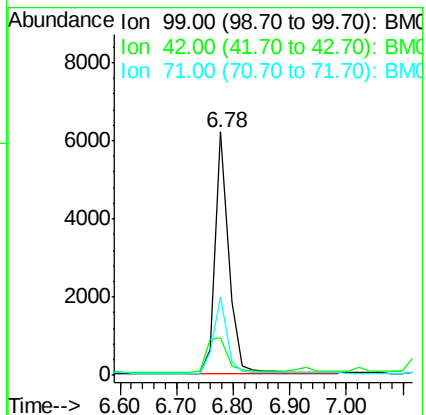
Tgt Ion: 99 Resp: 10368

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 32.1 28.0 42.0



#6

Phenol

Concen: 0.98 ng

RT: 6.80 min Scan# 258

Delta R.T. -0.02 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

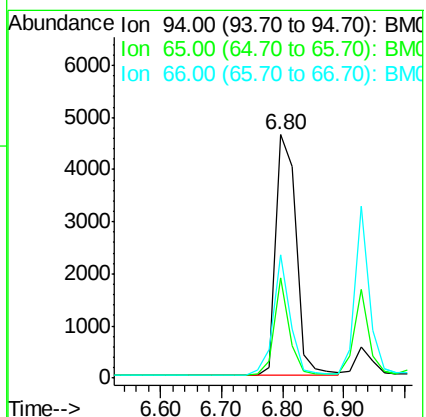
Tgt Ion: 94 Resp: 10678

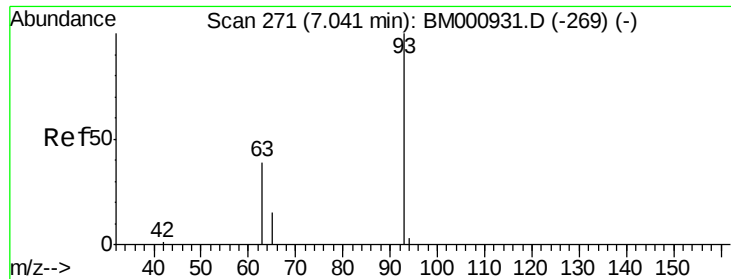
Ion Ratio Lower Upper

94 100

65 41.0 0.0 36.0#

66 50.9 3.7 43.7#





#7

bis(2-Chloroethyl)ether

Concen: 0.99 ng

RT: 7.04 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

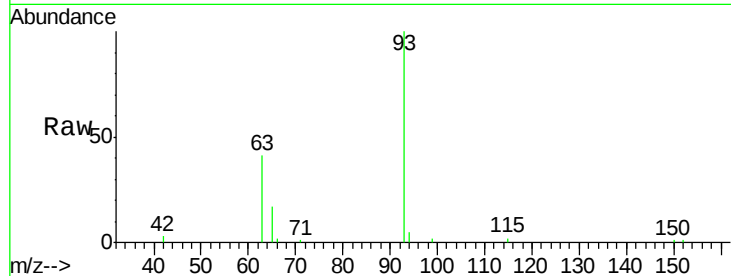
Tgt Ion: 93 Resp: 9438

Ion Ratio Lower Upper

93 100

63 41.5 24.0 64.0

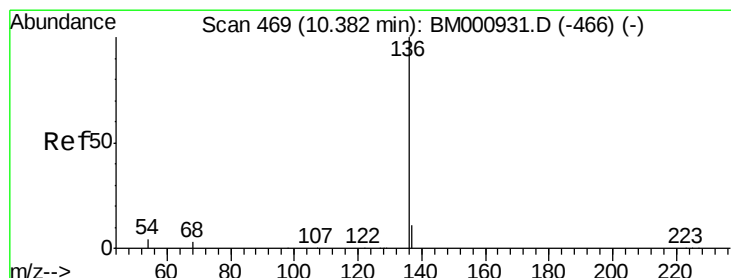
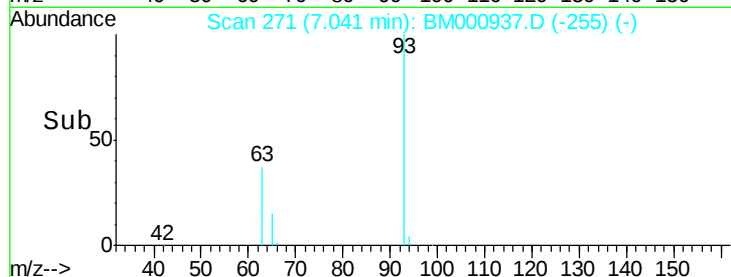
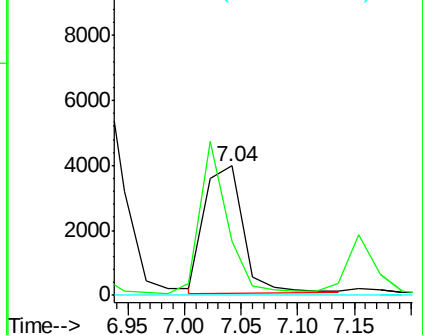
95 0.0 0.0 20.0



Abundance Ion 93.00 (92.70 to 93.70): BM000937.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BM000937.D (-269) (-)

Ion 95.00 (94.70 to 95.70): BM000937.D (-269) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Tgt Ion: 136 Resp: 155800

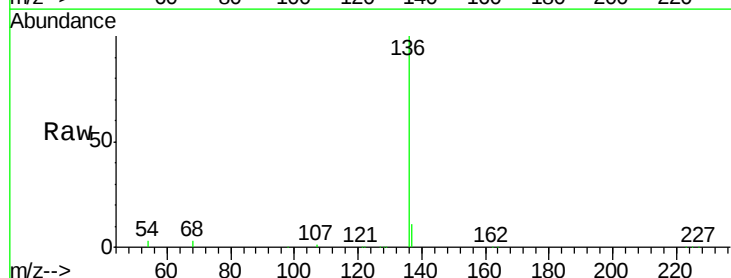
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 3.4 2.9 4.3

68 2.5 2.2 3.2

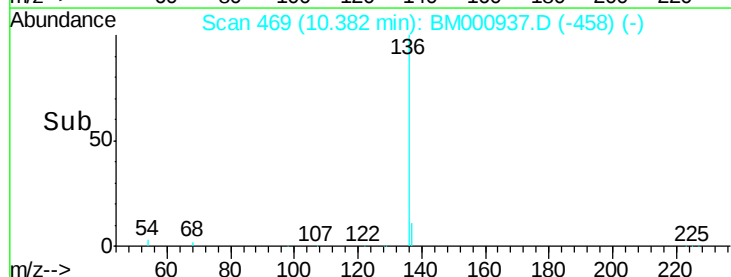
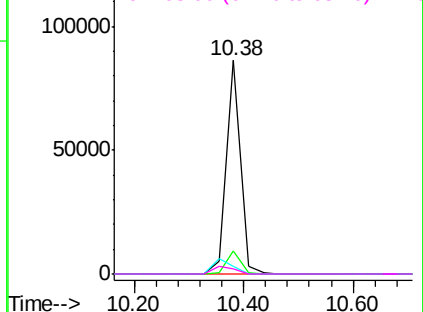


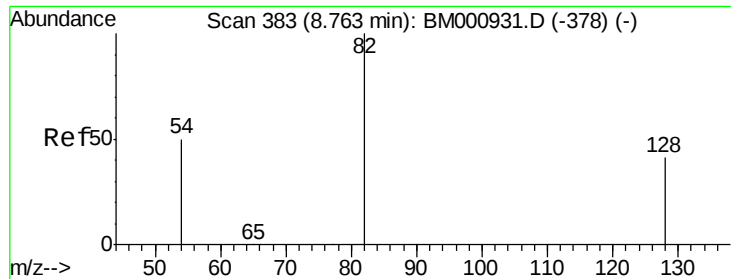
Abundance Ion 136.00 (135.70 to 136.70): BM000937.D (-466) (-)

Ion 137.00 (136.70 to 137.70): BM000937.D (-466) (-)

Ion 54.00 (53.70 to 54.70): BM000937.D (-466) (-)

Ion 68.00 (67.70 to 68.70): BM000937.D (-466) (-)





#9

Nitrobenzene-d5

Concen: 0.96 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

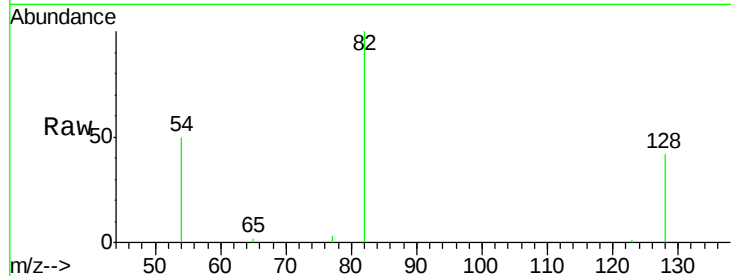
Tgt Ion: 82 Resp: 7222

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.0

54 50.2 40.5 60.7

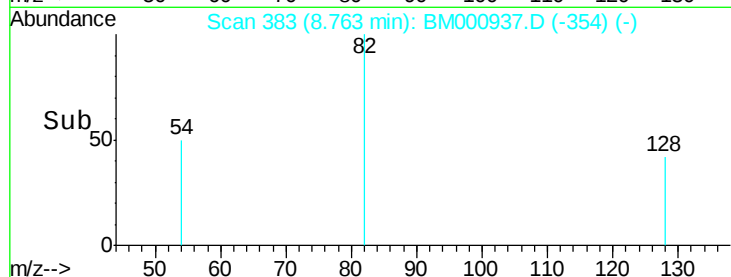


Abundance Ion 82.00 (81.70 to 82.70): BM000937.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000937.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000937.D (-378) (-)

Time-->

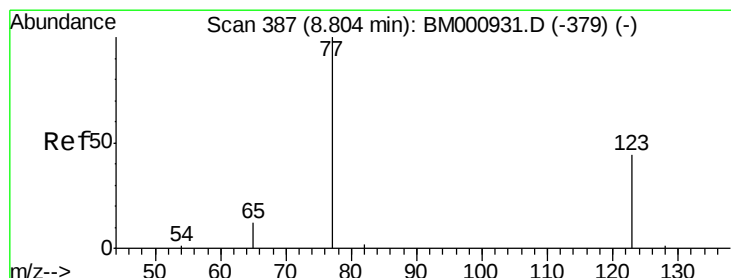


Abundance Ion 82.00 (81.70 to 82.70): BM000937.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000937.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000937.D (-378) (-)

Time-->



#10

Nitrobenzene

Concen: 0.95 ng

RT: 8.80 min Scan# 387

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

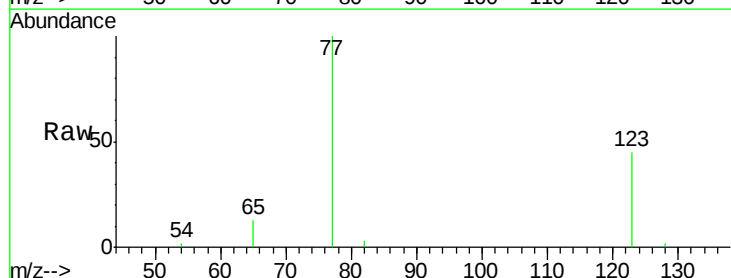
Tgt Ion: 77 Resp: 8749

Ion Ratio Lower Upper

77 100

123 45.2 35.0 52.6

65 13.2 10.7 16.1

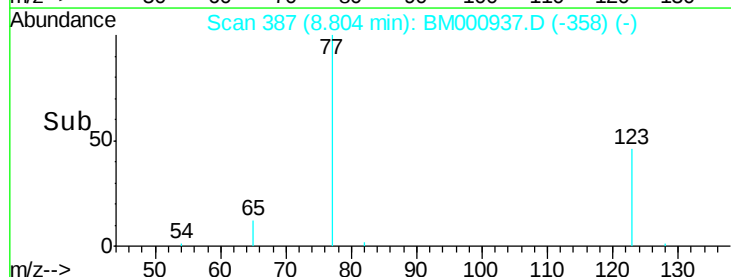


Abundance Ion 77.00 (76.70 to 77.70): BM000937.D (-379) (-)

Ion 123.00 (122.70 to 123.70): BM000937.D (-379) (-)

Ion 65.00 (64.70 to 65.70): BM000937.D (-379) (-)

Time-->

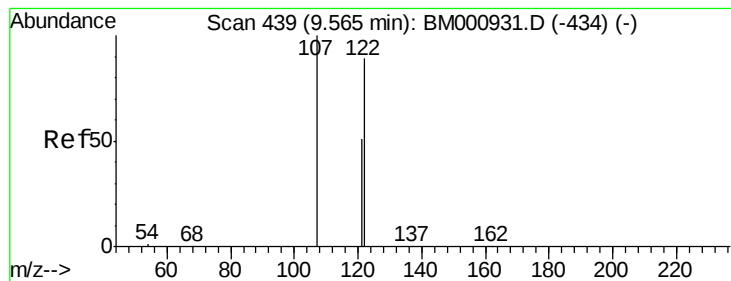


Abundance Ion 77.00 (76.70 to 77.70): BM000937.D (-379) (-)

Ion 123.00 (122.70 to 123.70): BM000937.D (-379) (-)

Ion 65.00 (64.70 to 65.70): BM000937.D (-379) (-)

Time-->



#11

2,4-Dimethylphenol

Concen: 0.97 ng

RT: 9.56 min Scan# 439

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

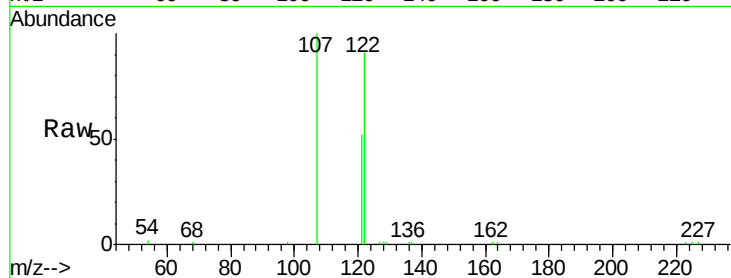
Tgt Ion:122 Resp: 8365

Ion Ratio Lower Upper

122 100

107 110.2 89.8 134.6

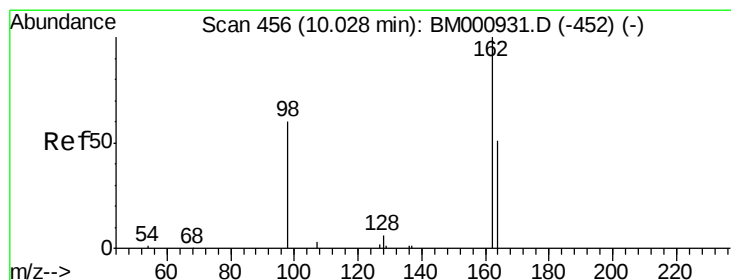
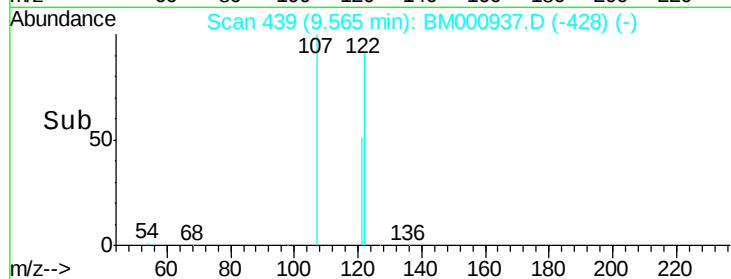
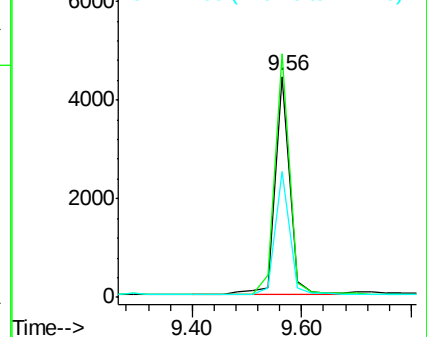
121 57.1 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#12

2,4-Dichlorophenol

Concen: 0.96 ng

RT: 10.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

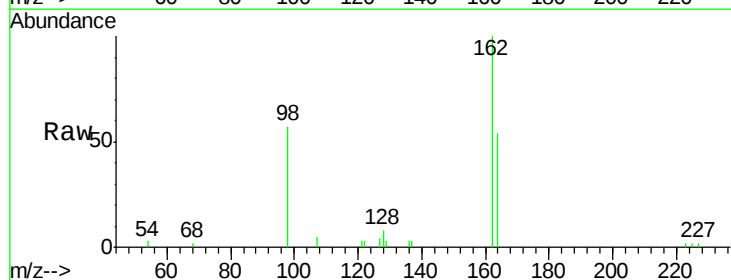
Tgt Ion:162 Resp: 7276

Ion Ratio Lower Upper

162 100

164 54.0 32.5 72.5

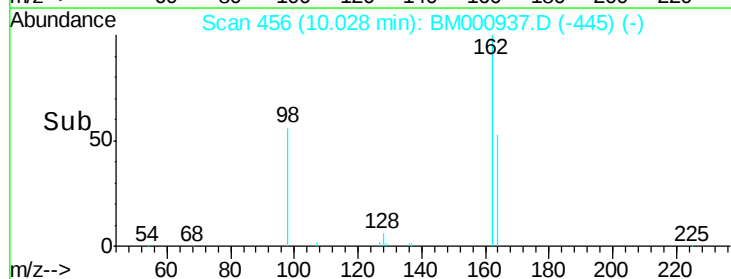
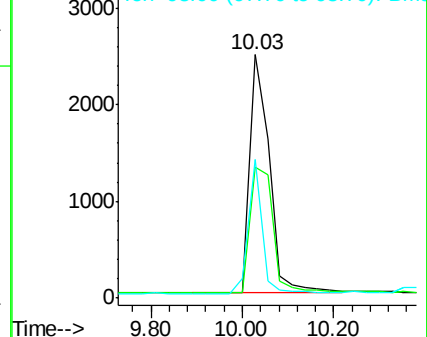
98 57.0 40.5 80.5

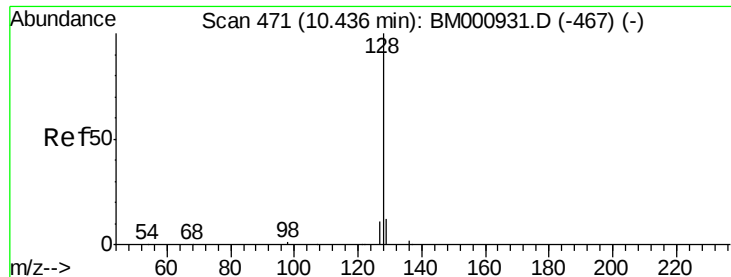


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

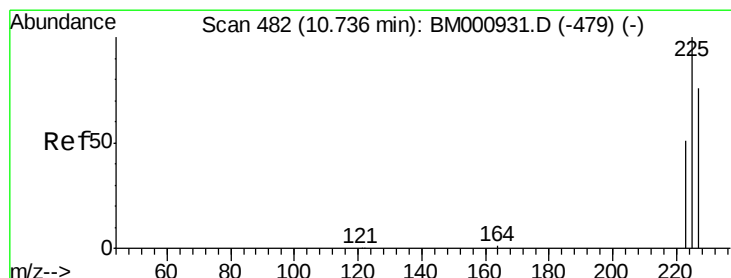
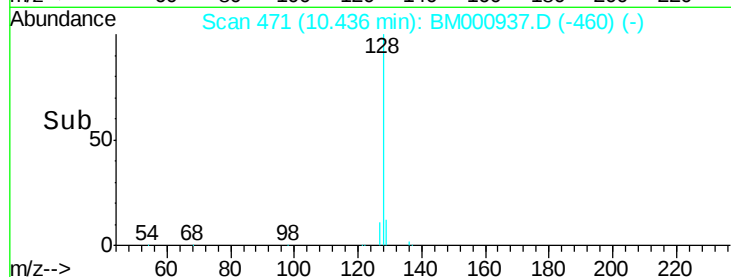
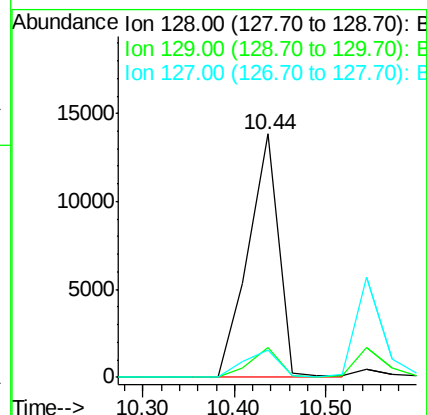
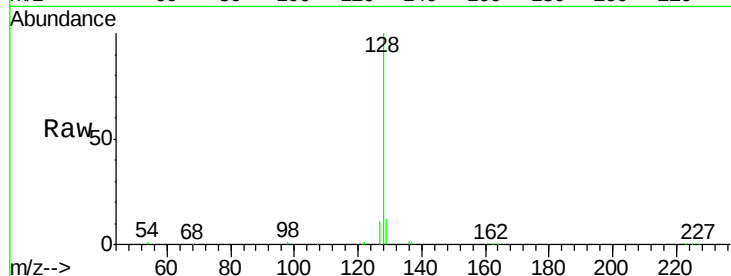




#13
Naphthalene
Concen: 1.01 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

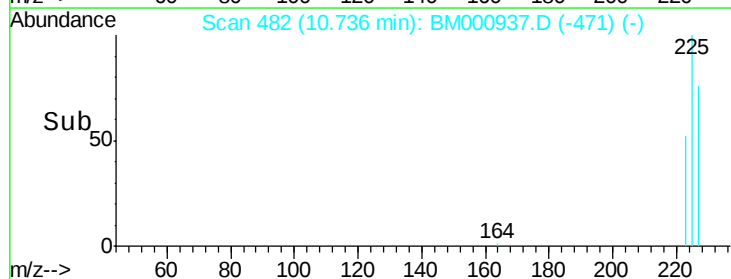
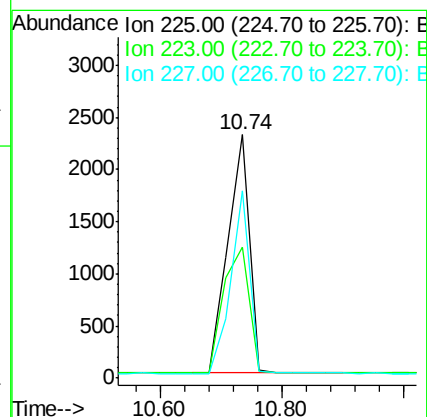
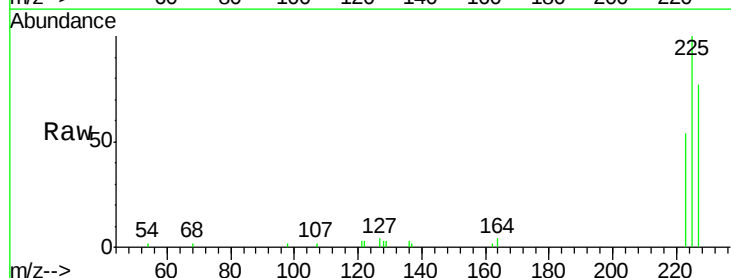
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

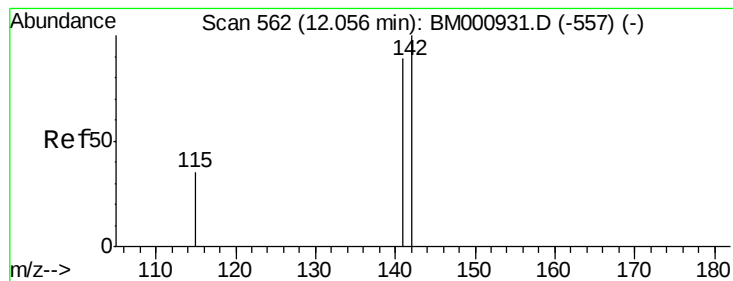
Tgt Ion:128 Resp: 31688
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 11.1 9.1 13.7



#14
Hexachlorobutadiene
Concen: 0.97 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Tgt Ion:225 Resp: 5603
Ion Ratio Lower Upper
225 100
223 53.6 42.2 63.2
227 76.8 61.4 92.2

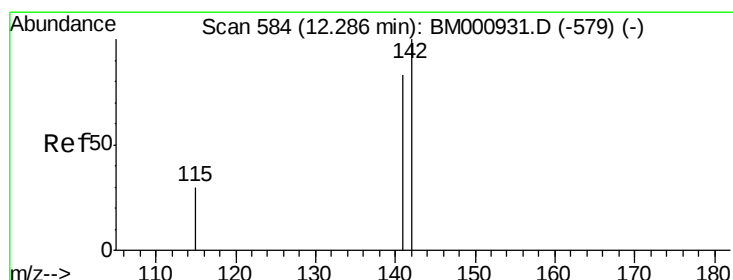
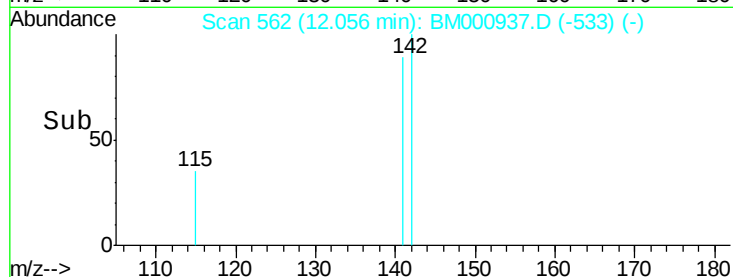
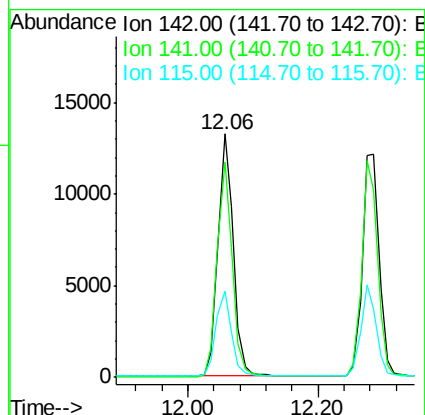
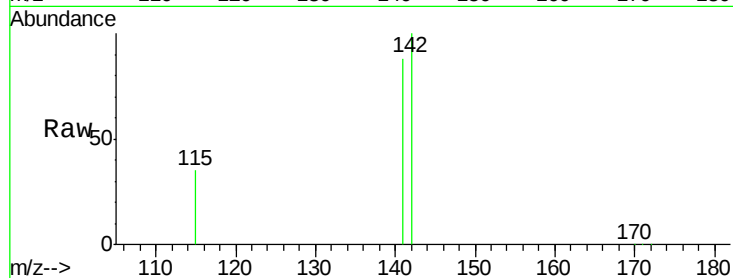




#15
2-Methylnaphthalene
Concen: 1.00 ng
RT: 12.06 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

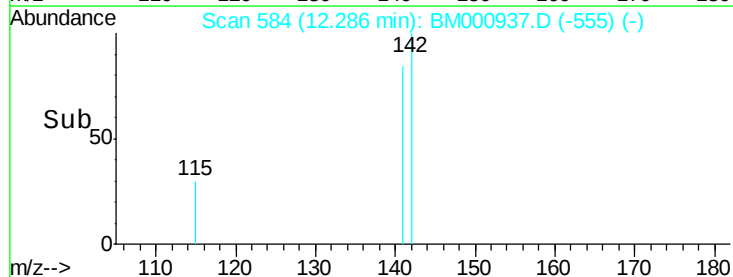
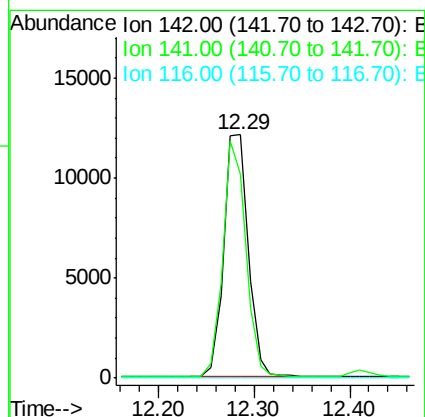
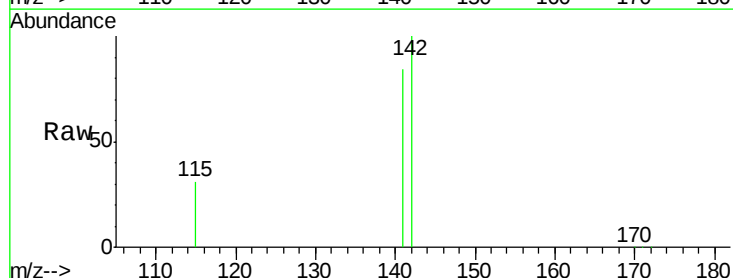
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

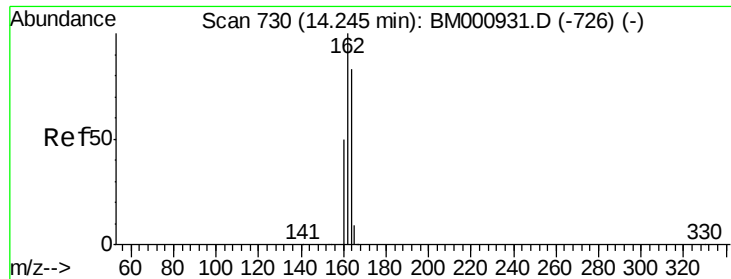
Tgt Ion:142 Resp: 21526
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8
115 35.5 28.3 42.5



#16
1-Methylnaphthalene
Concen: 1.00 ng
RT: 12.29 min Scan# 584
Delta R.T. 0.00 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Tgt Ion:142 Resp: 21615
Ion Ratio Lower Upper
142 100
141 84.0 66.7 100.1
116 0.0 0.0 0.0





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

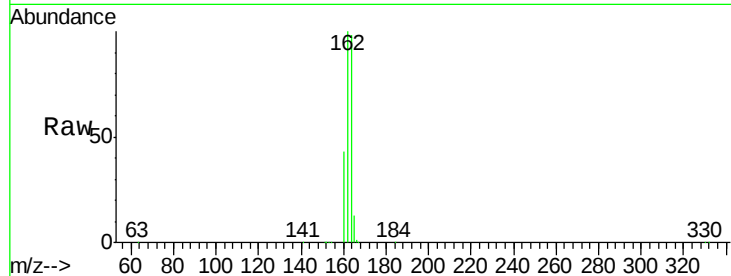
Tgt Ion:164 Resp: 84159

Ion Ratio Lower Upper

164 100

162 102.1 96.1 144.1

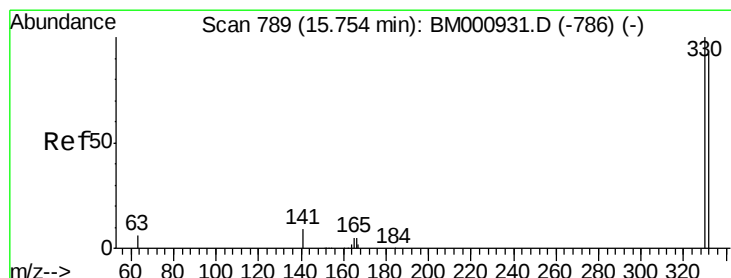
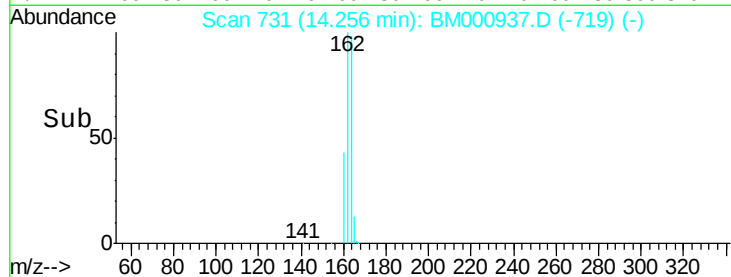
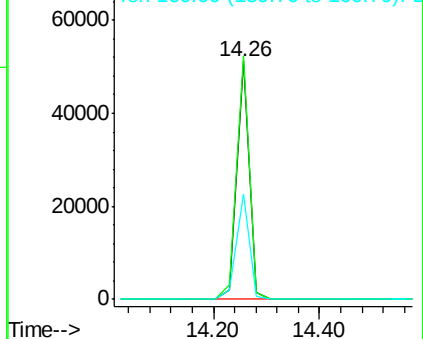
160 44.0 48.2 72.2#



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



#18

2,4,6-Tribromophenol

Concen: 0.85 ng

RT: 15.76 min Scan# 790

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

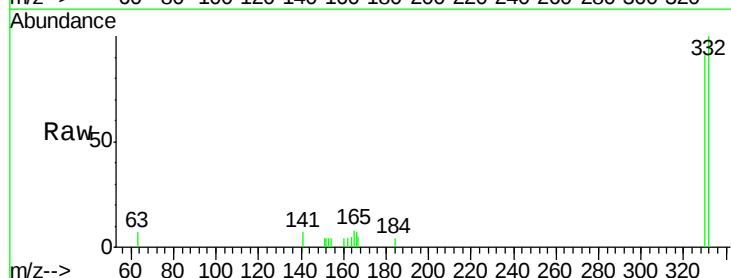
Tgt Ion:330 Resp: 2542

Ion Ratio Lower Upper

330 100

332 102.6 75.4 113.2

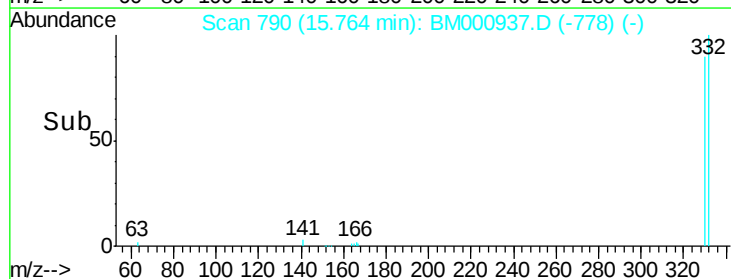
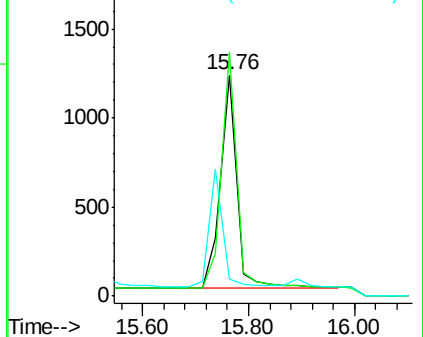
141 0.0 0.0 0.0

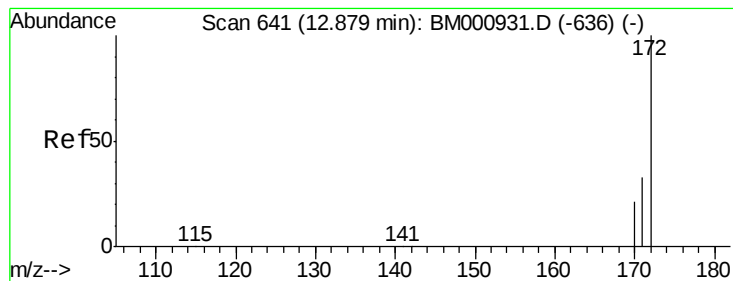


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#19

2-Fluorobiphenyl

Concen: 0.95 ng

RT: 12.88 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

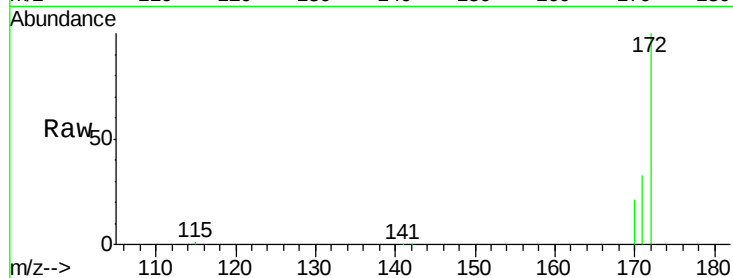
Tgt Ion:172 Resp: 22488

Ion Ratio Lower Upper

172 100

171 32.6 26.7 40.1

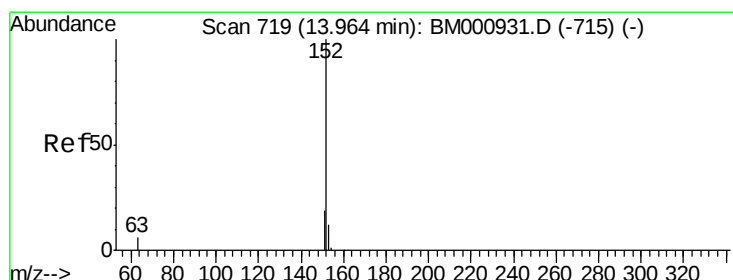
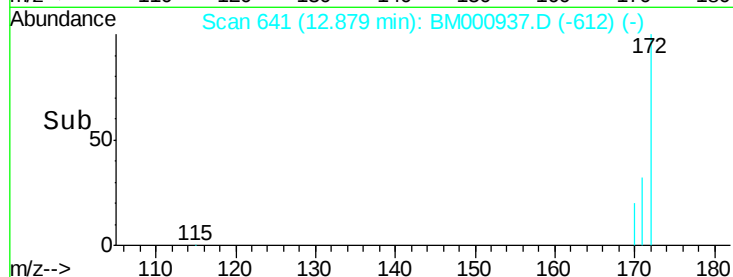
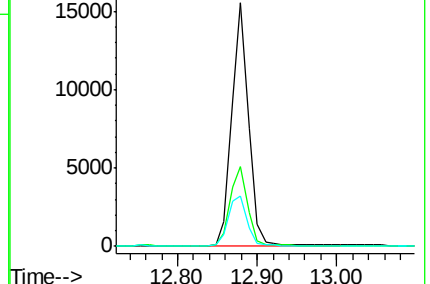
170 20.7 17.0 25.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#20

Acenaphthylene

Concen: 0.85 ng

RT: 13.97 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

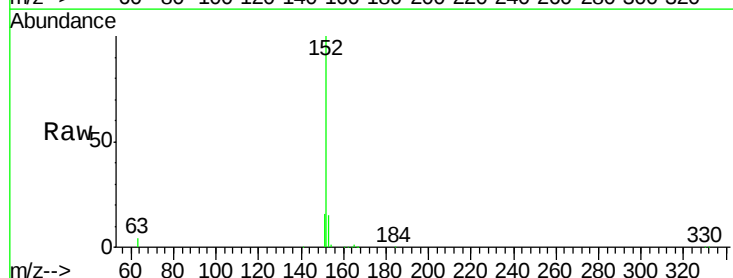
Tgt Ion:152 Resp: 30626

Ion Ratio Lower Upper

152 100

151 16.2 15.4 23.0

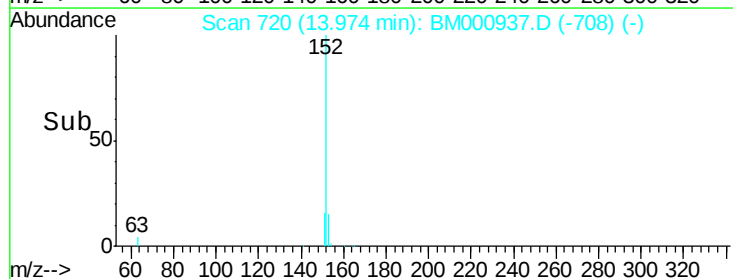
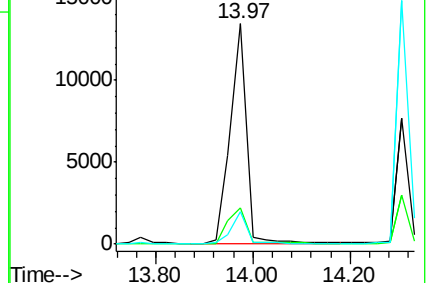
153 14.8 10.2 15.2

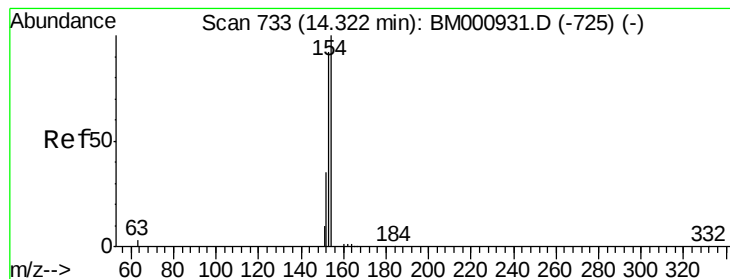


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#21

Acenaphthene

Concen: 0.95 ng

RT: 14.31 min Scan# 733

Delta R.T. -0.02 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

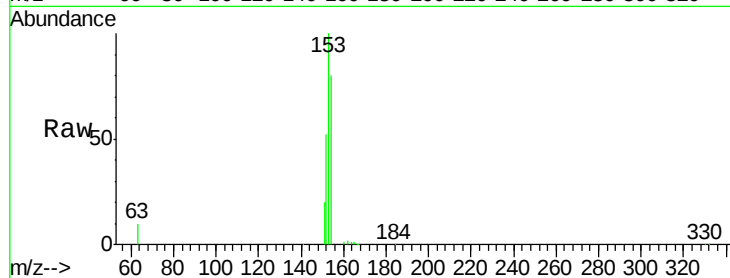
Tgt Ion:154 Resp: 22077

Ion Ratio Lower Upper

154 100

153 124.5 73.7 110.5#

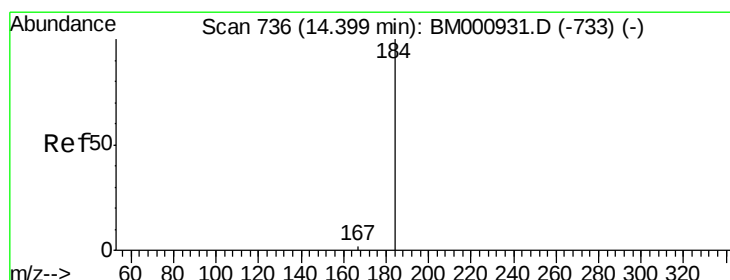
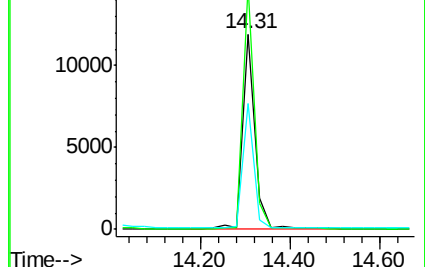
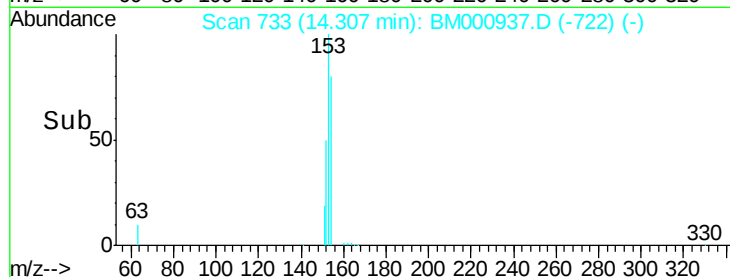
152 64.5 29.0 43.6#



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



#22

2,4-Dinitrophenol

Concen: 0.89 ng

RT: 14.38 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

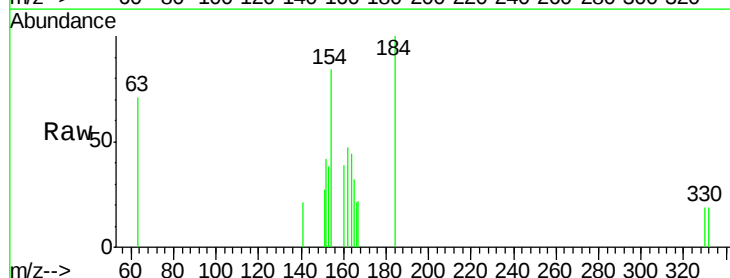
Tgt Ion:184 Resp: 646

Ion Ratio Lower Upper

184 100

63 71.0 39.0 58.4#

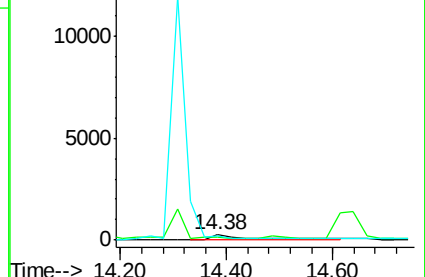
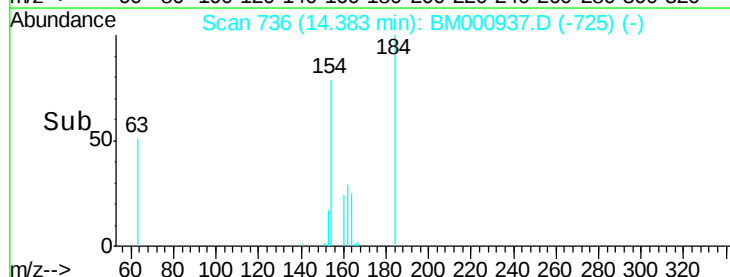
154 84.1 43.8 65.8#

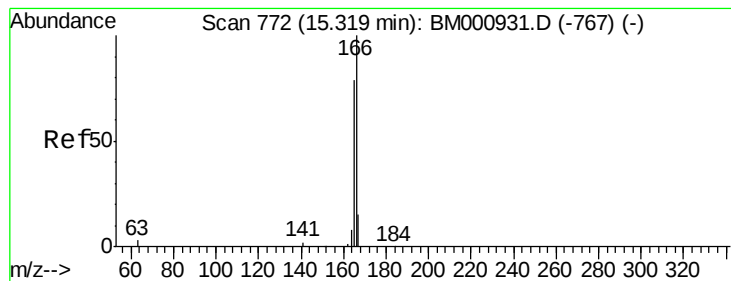


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#23

Fluorene

Concen: 1.00 ng

RT: 15.30 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

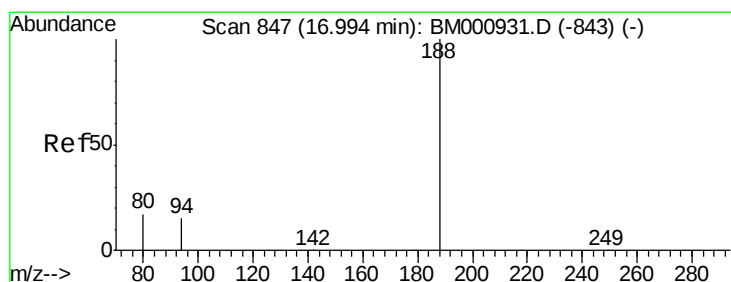
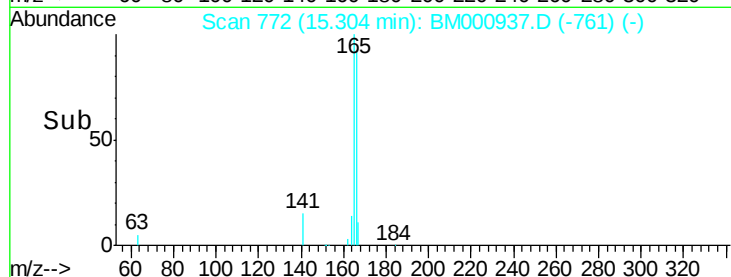
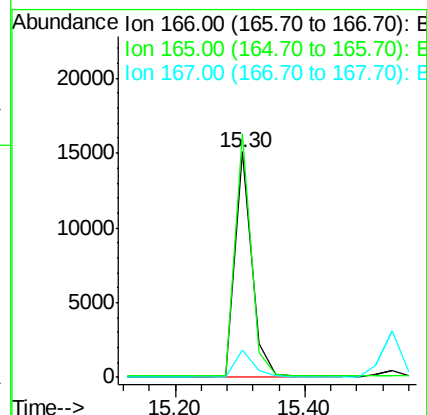
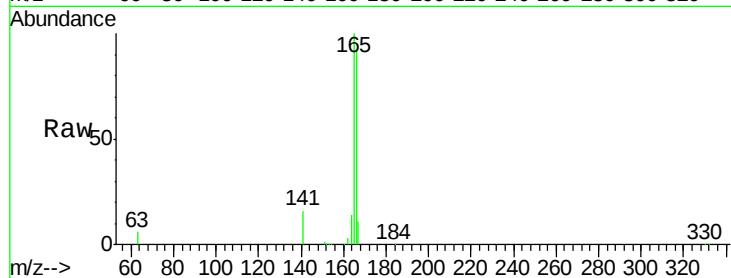
Tgt Ion:166 Resp: 26967

Ion Ratio Lower Upper

166 100

165 108.1 63.7 95.5#

167 12.2 12.7 19.1#



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 848

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

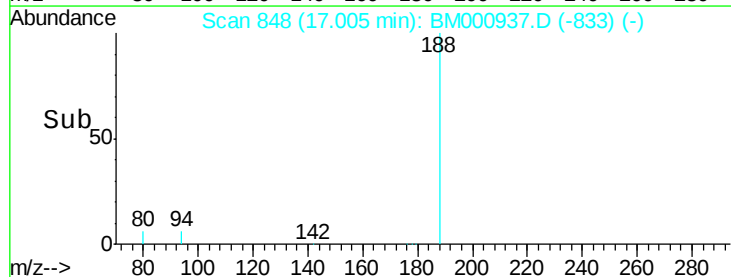
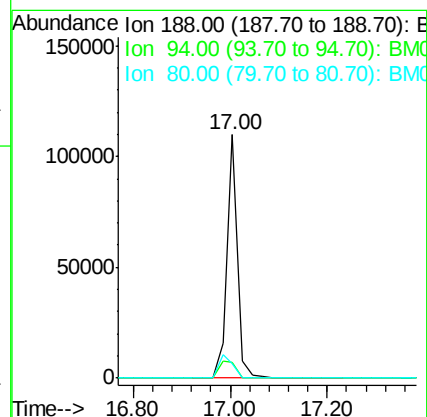
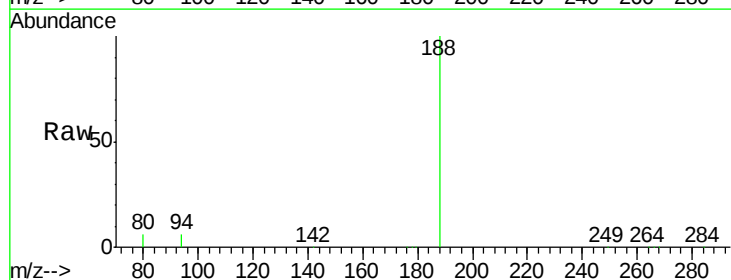
Tgt Ion:188 Resp: 168009

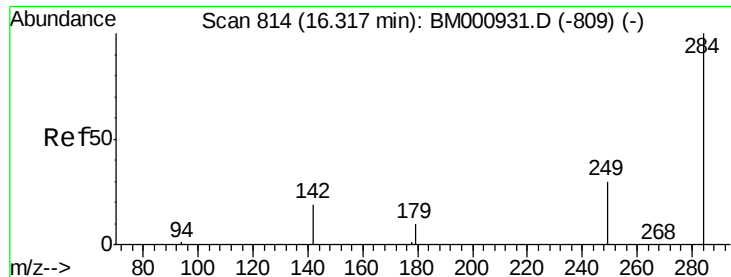
Ion Ratio Lower Upper

188 100

94 6.2 12.2 18.4#

80 5.7 13.4 20.0#

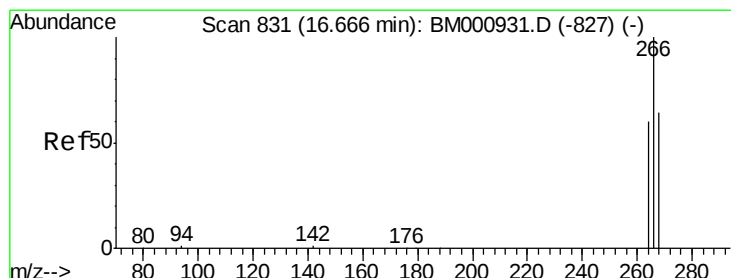
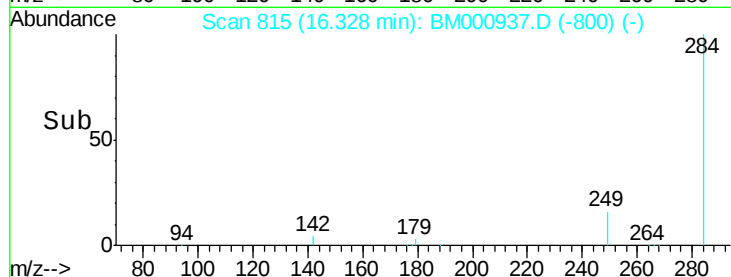
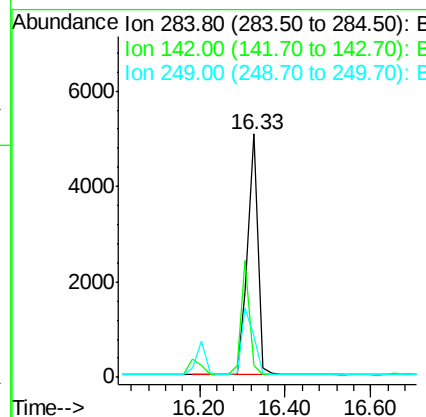
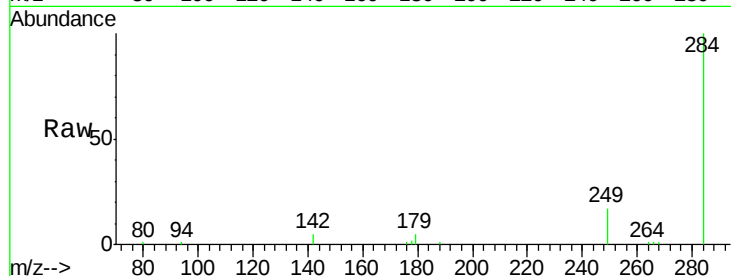




#25
Hexachlorobenzene
Concen: 0.95 ng
RT: 16.33 min Scan# 815
Delta R.T. 0.01 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

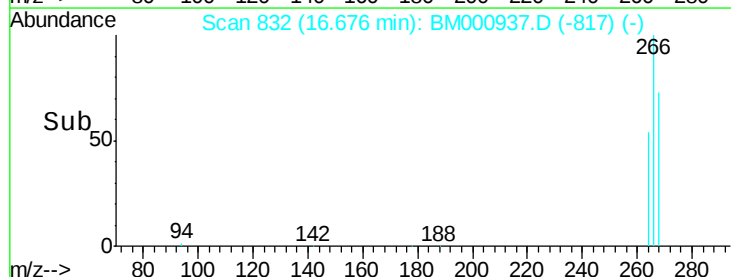
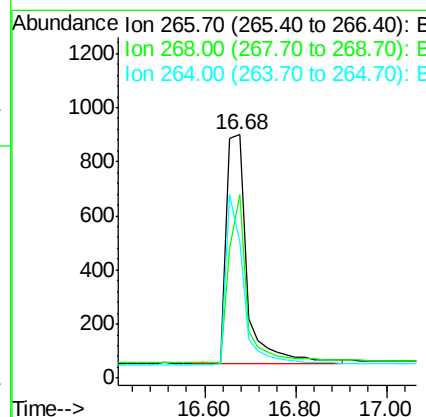
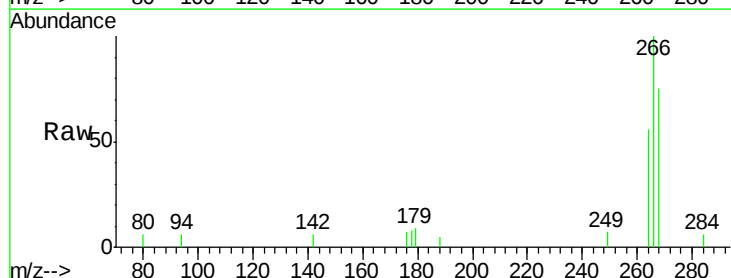
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

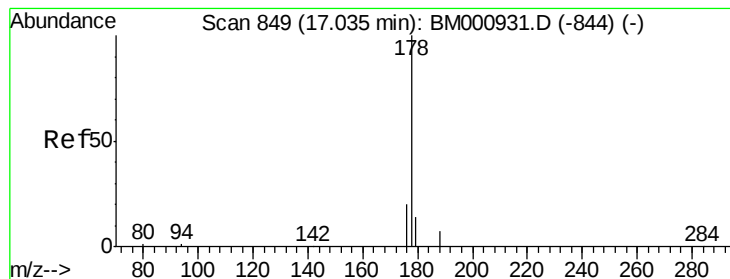
Tgt Ion: 284 Resp: 8638
Ion Ratio Lower Upper
284 100
142 4.9 16.2 24.2#
249 17.1 27.4 41.2#



#26
Pentachlorophenol
Concen: 0.89 ng
RT: 16.68 min Scan# 832
Delta R.T. 0.01 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Tgt Ion: 266 Resp: 2653
Ion Ratio Lower Upper
266 100
268 75.3 53.0 79.4
264 55.8 49.4 74.0





#27

Phenanthrene

Concen: 0.97 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

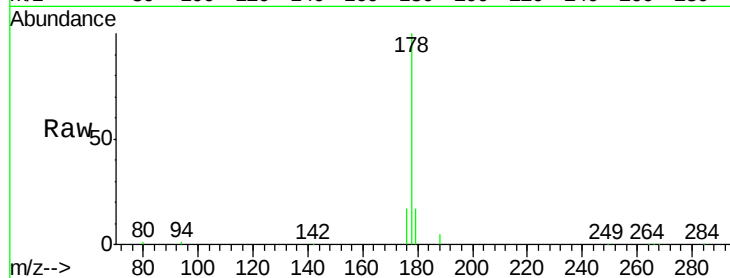
Tgt Ion:178 Resp: 42168

Ion Ratio Lower Upper

178 100

176 16.7 16.0 24.0

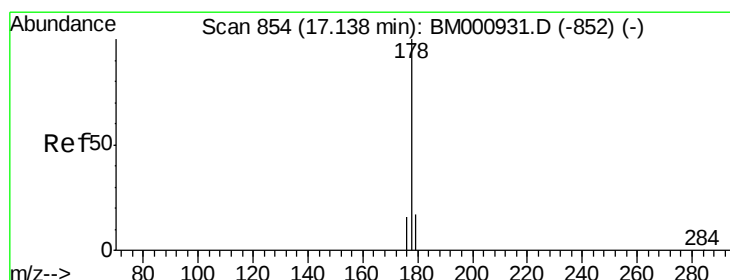
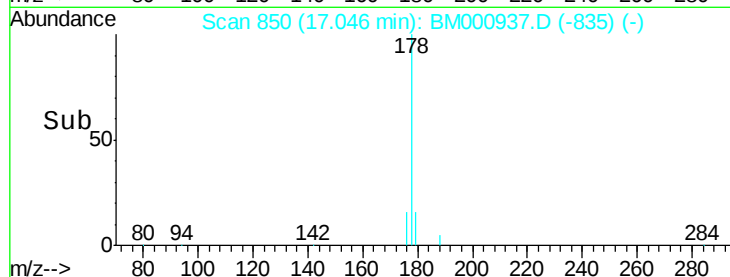
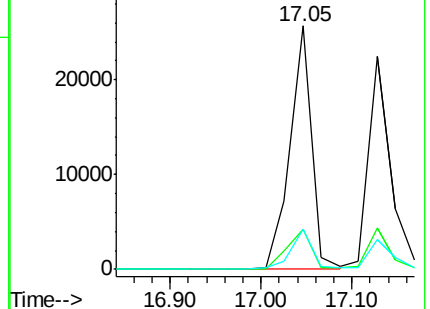
179 16.7 11.4 17.2



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



#28

Anthracene

Concen: 1.06 ng

RT: 17.05 min Scan# 850

Delta R.T. -0.09 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

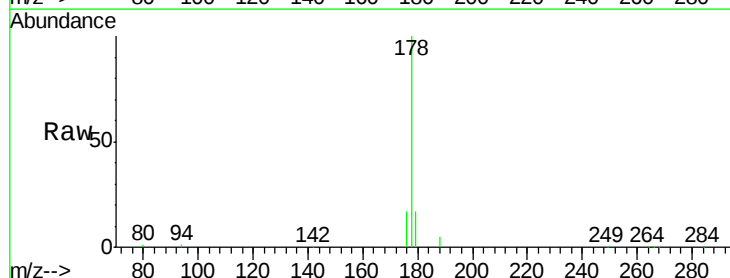
Tgt Ion:178 Resp: 42168

Ion Ratio Lower Upper

178 100

176 16.7 12.7 19.1

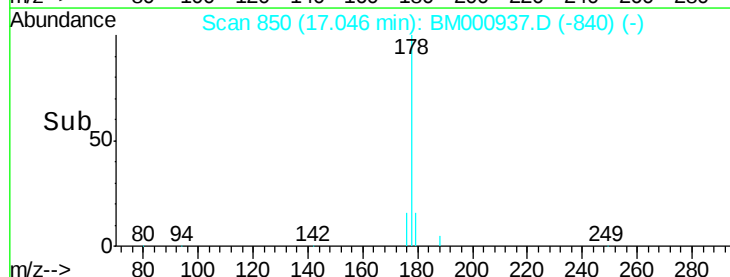
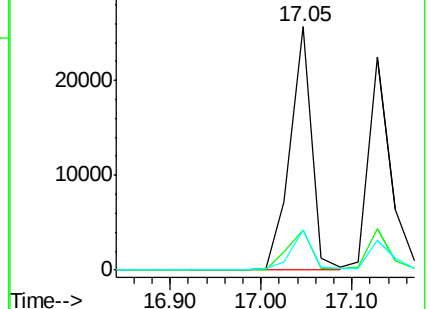
179 16.7 13.9 20.9

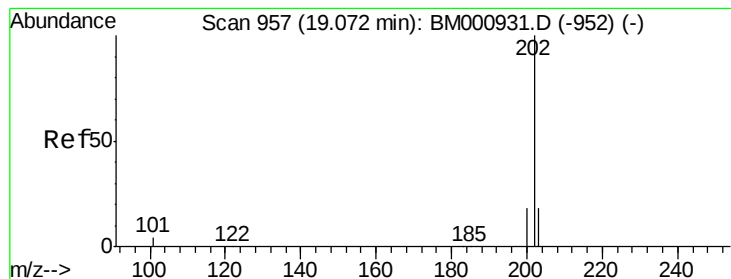


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Fluoranthene

Concen: 0.97 ng

RT: 19.06 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

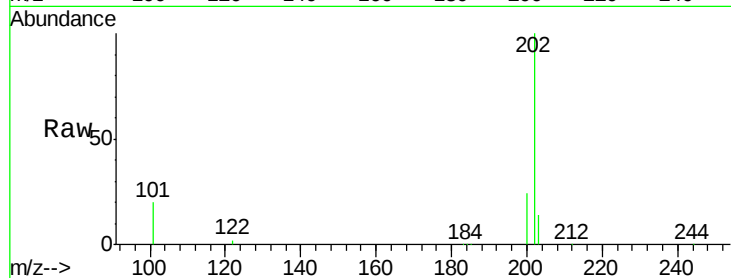
Tgt Ion:202 Resp: 44031

Ion Ratio Lower Upper

202 100

101 20.0 0.0 24.1

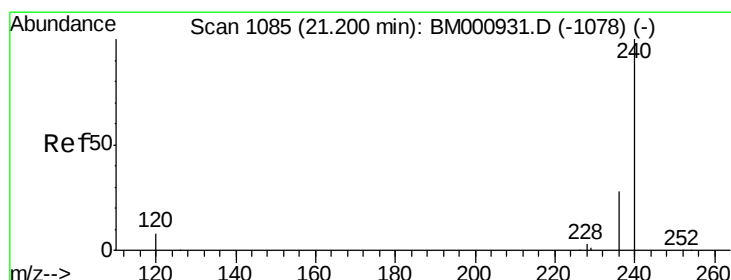
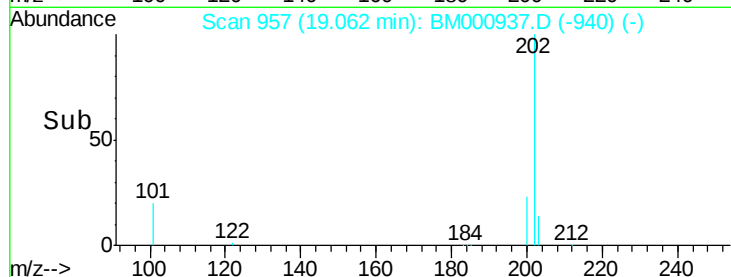
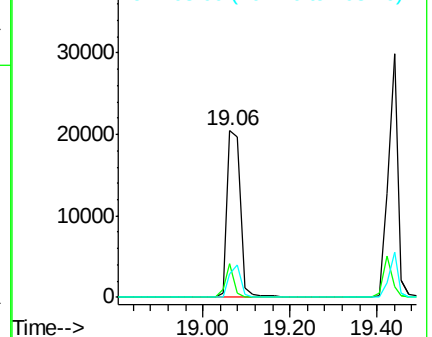
203 14.4 0.0 38.4



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



#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.21 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

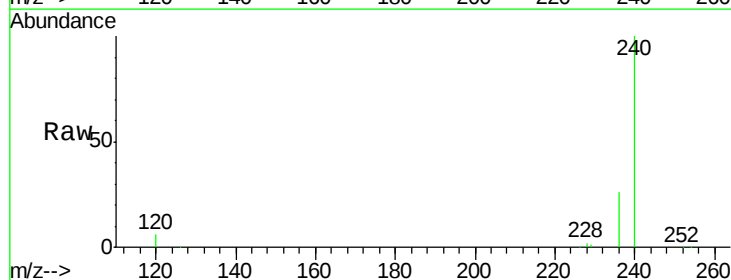
Tgt Ion:240 Resp: 146283

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

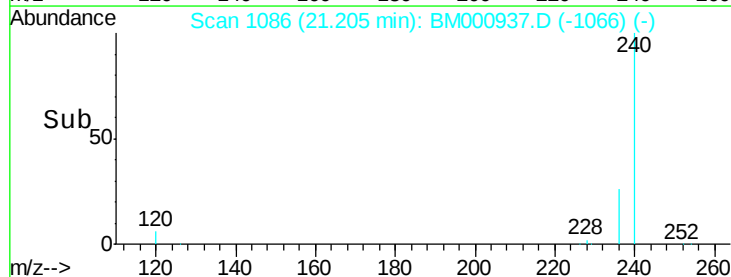
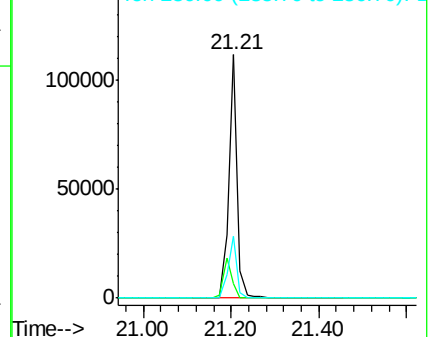
236 25.7 22.1 33.1

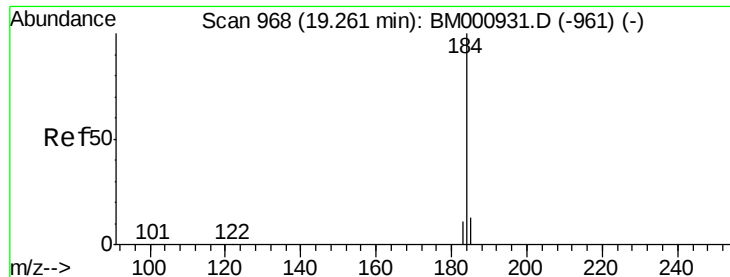


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

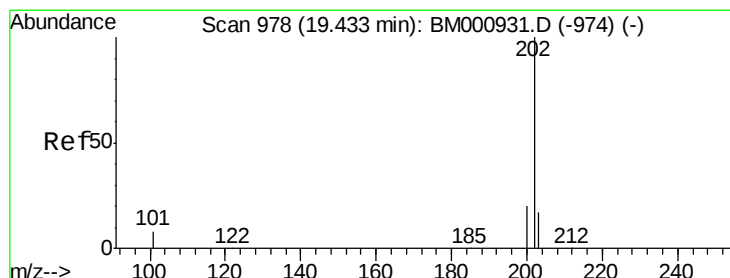
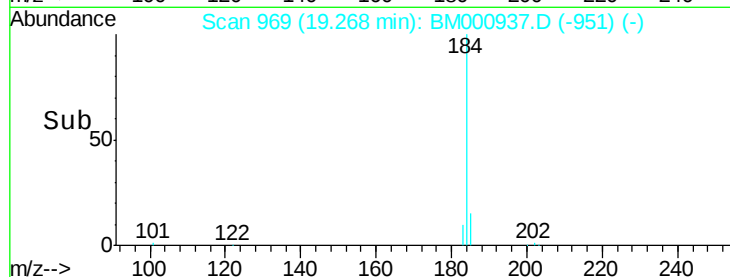
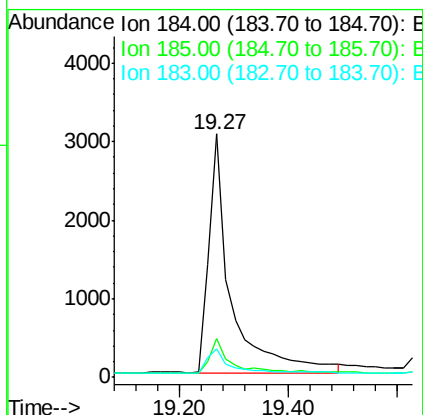
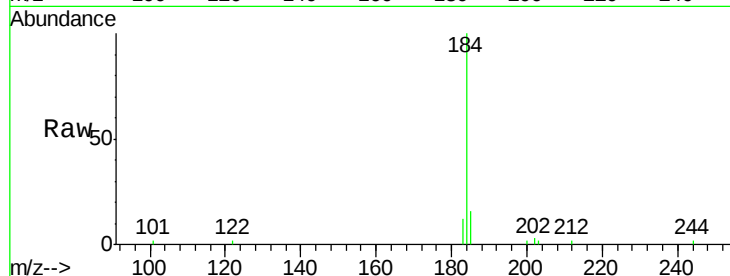




#31
Benzidine
Concen: 1.11 ng
RT: 19.27 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

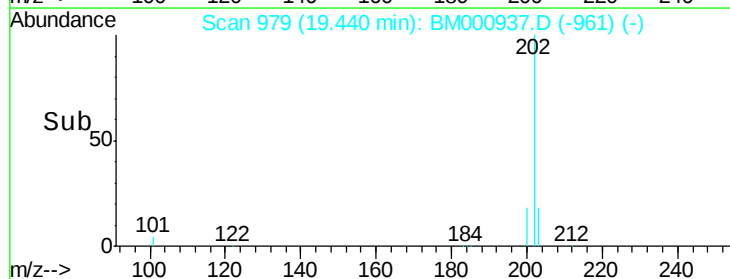
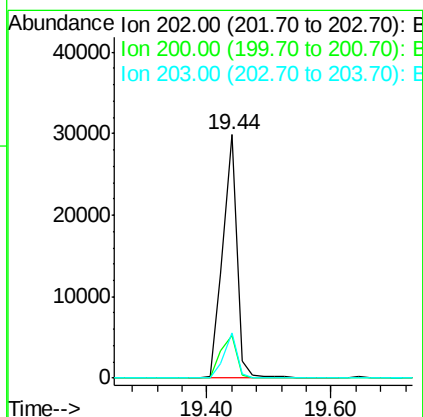
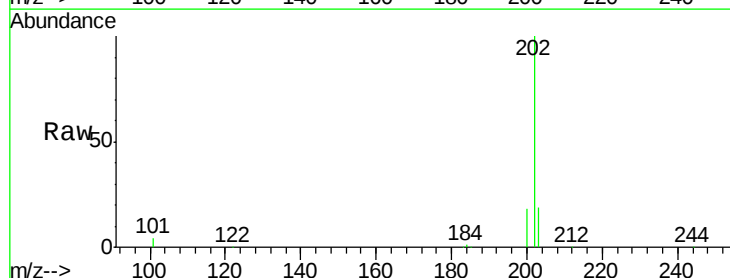
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

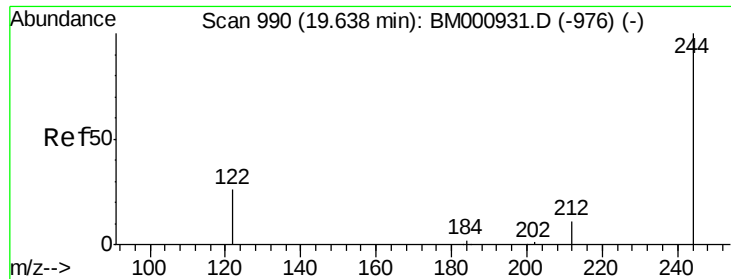
Tgt Ion:184 Resp: 8757
Ion Ratio Lower Upper
184 100
185 16.1 12.2 18.4
183 11.6 10.3 15.5



#32
Pyrene
Concen: 0.99 ng
RT: 19.44 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Tgt Ion:202 Resp: 46923
Ion Ratio Lower Upper
202 100
200 17.7 16.2 24.4
203 18.5 13.5 20.3

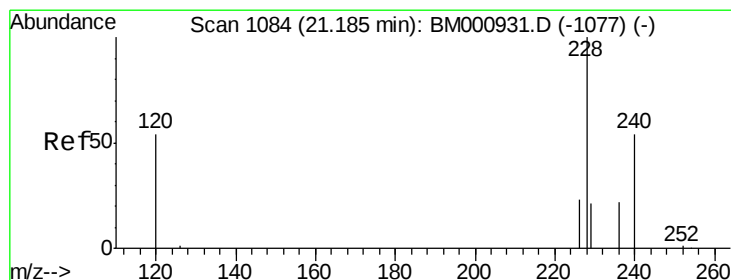
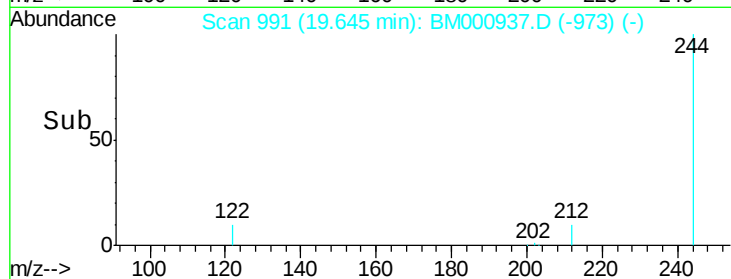
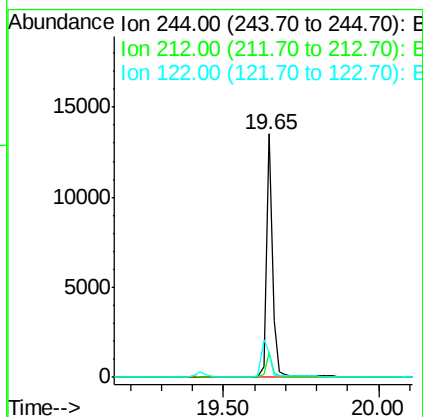
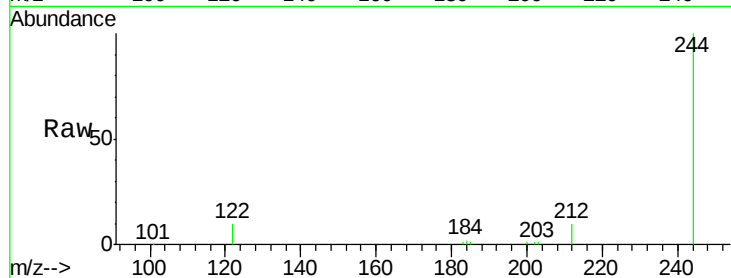




#33
 Terphenyl-d14
 Concen: 1.02 ng
 RT: 19.65 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000937.D
 Acq: 10 Apr 2015 10:48

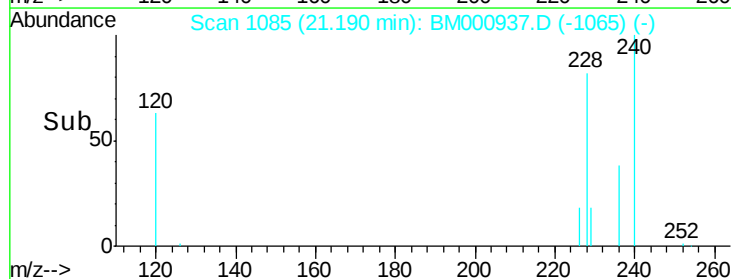
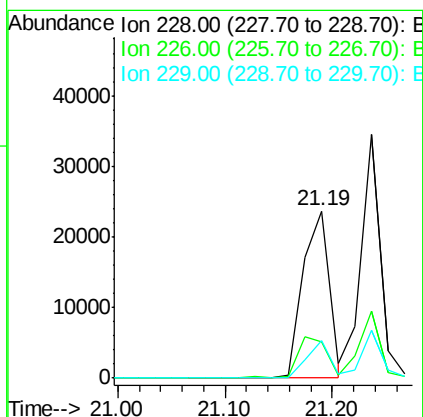
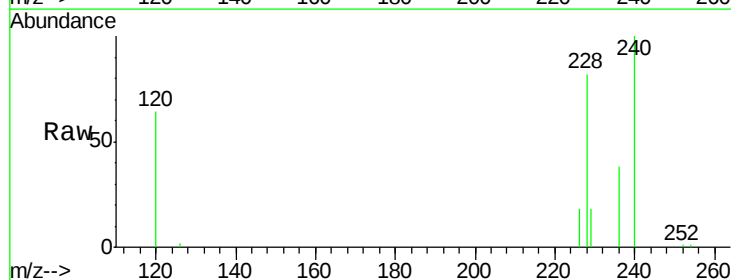
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

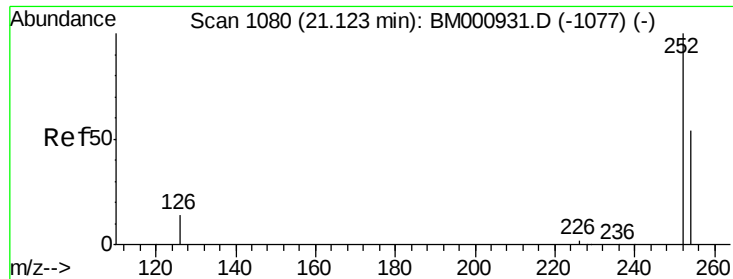
Tgt Ion:244 Resp: 18220
 Ion Ratio Lower Upper
 244 100
 212 10.0 9.4 14.0
 122 10.0 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 0.95 ng
 RT: 21.19 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BM000937.D
 Acq: 10 Apr 2015 10:48

Tgt Ion:228 Resp: 39981
 Ion Ratio Lower Upper
 228 100
 226 21.9 18.9 28.3
 229 22.5 16.8 25.2

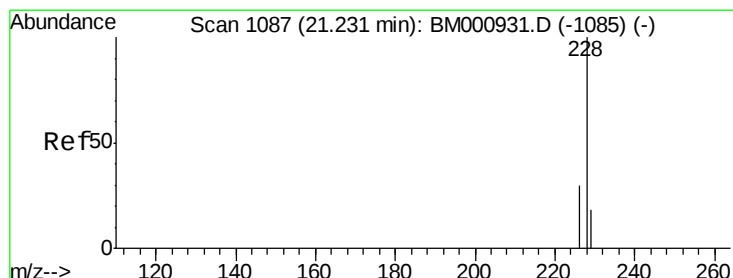
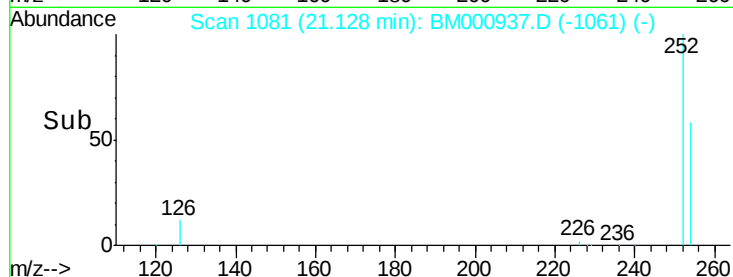
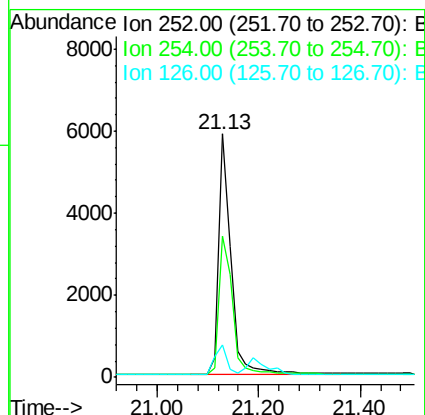
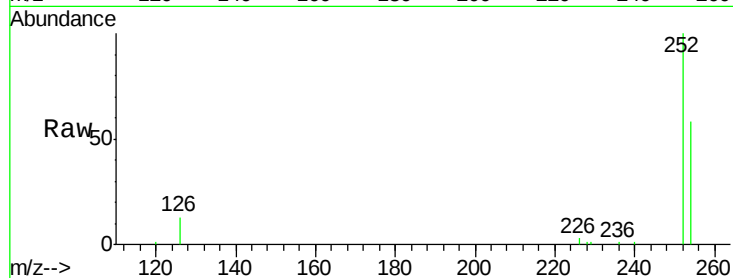




#35
 3,3'-Dichlorobenzidine
 Concen: 0.90 ng
 RT: 21.13 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BM000937.D
 Acq: 10 Apr 2015 10:48

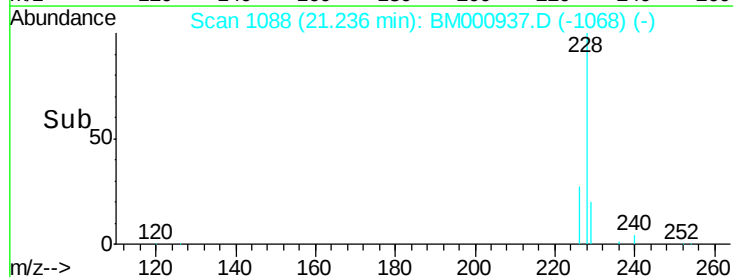
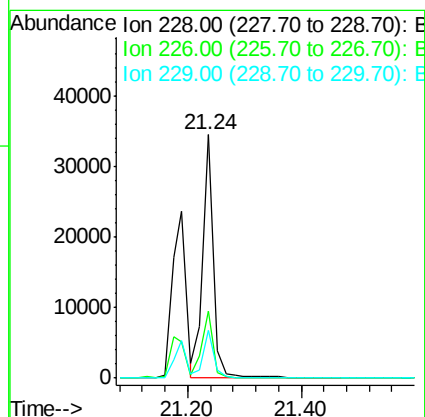
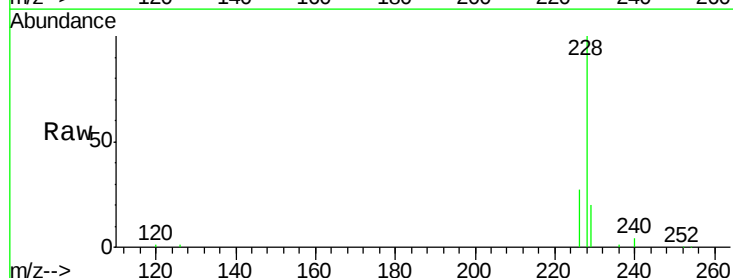
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

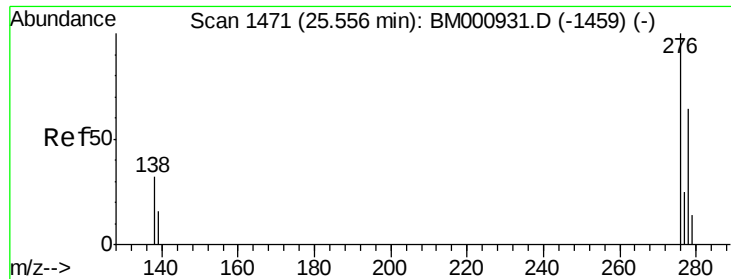
Tgt Ion: 252 Resp: 10308
 Ion Ratio Lower Upper
 252 100
 254 58.0 43.4 65.2
 126 13.2 12.3 18.5



#36
 Chrysene
 Concen: 1.01 ng
 RT: 21.24 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BM000937.D
 Acq: 10 Apr 2015 10:48

Tgt Ion: 228 Resp: 43634
 Ion Ratio Lower Upper
 228 100
 226 27.3 23.4 35.2
 229 19.9 15.0 22.6

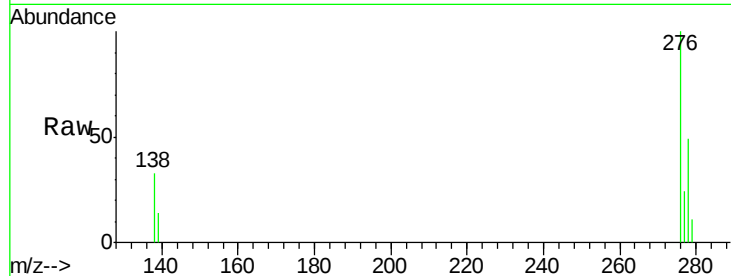




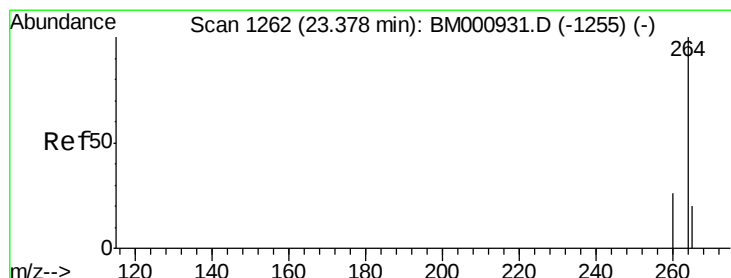
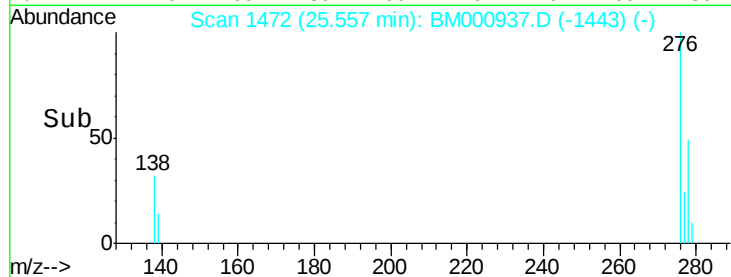
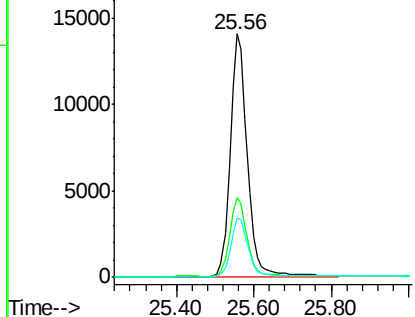
#37
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng
RT: 25.56 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 276 Resp: 42715
Ion Ratio Lower Upper
276 100
138 33.4 26.6 40.0
277 24.5 19.8 29.6

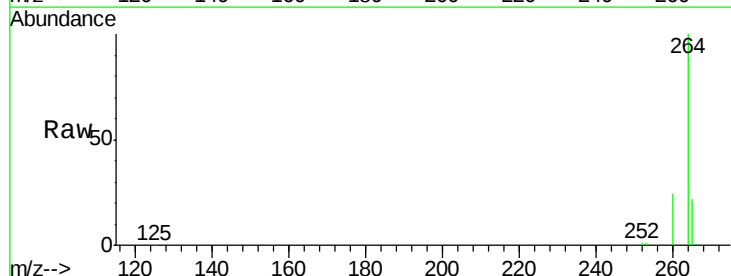


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

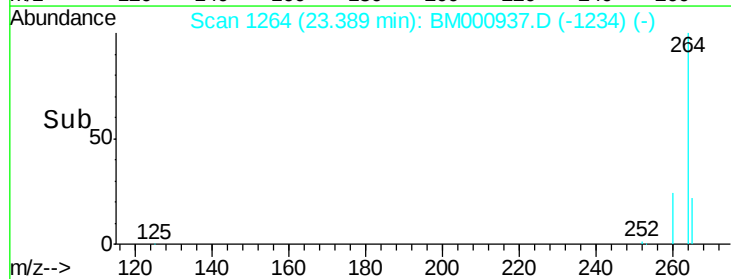
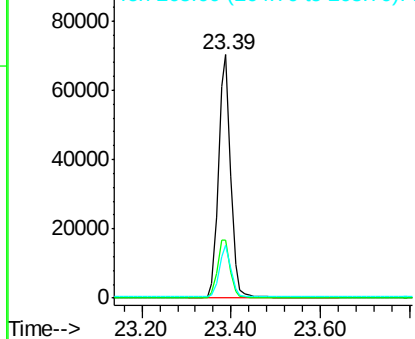


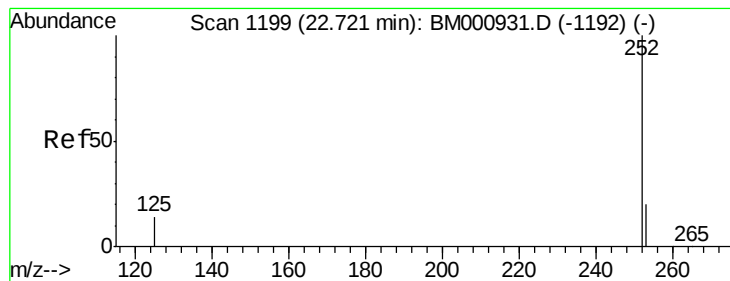
#38
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM000937.D
Acq: 10 Apr 2015 10:48

Tgt Ion: 264 Resp: 132394
Ion Ratio Lower Upper
264 100
260 23.9 20.6 30.8
265 22.0 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#39

Benzo(b)fluoranthene

Concen: 1.04 ng

RT: 22.73 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

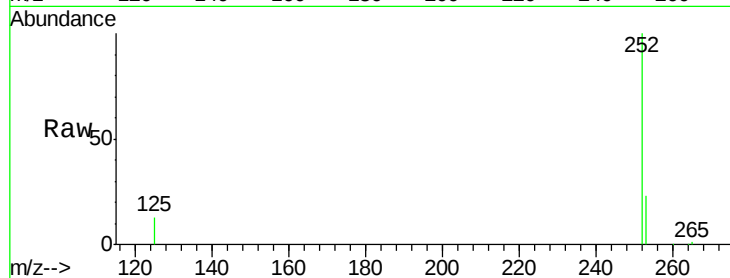
Tgt Ion:252 Resp: 43139

Ion Ratio Lower Upper

252 100

253 23.0 16.9 25.3

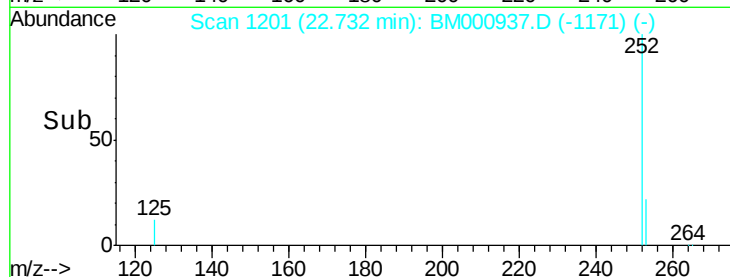
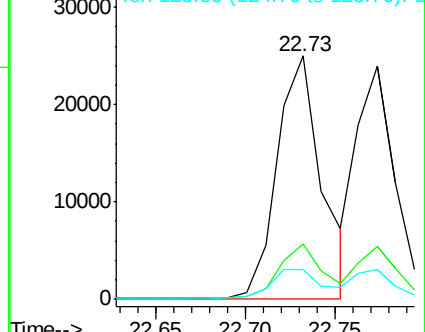
125 12.5 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.77 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

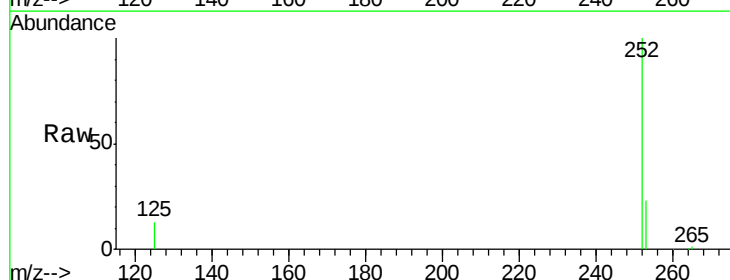
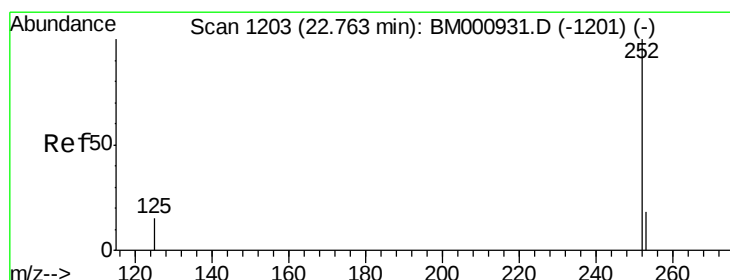
Tgt Ion:252 Resp: 37455

Ion Ratio Lower Upper

252 100

253 22.6 16.9 25.3

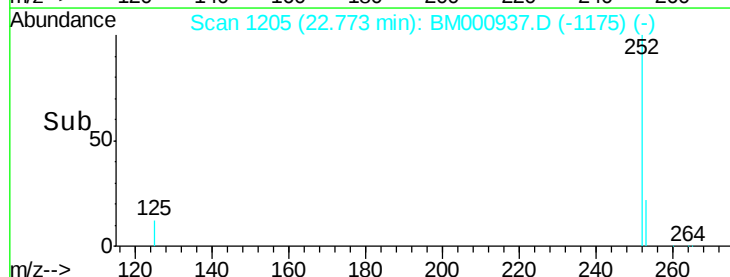
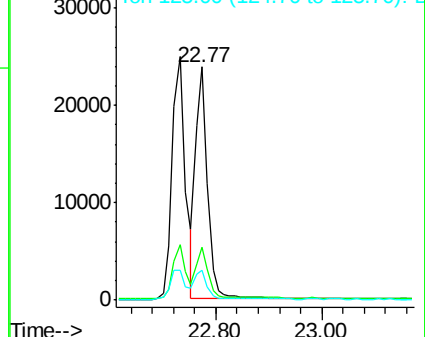
125 12.6 11.2 16.8

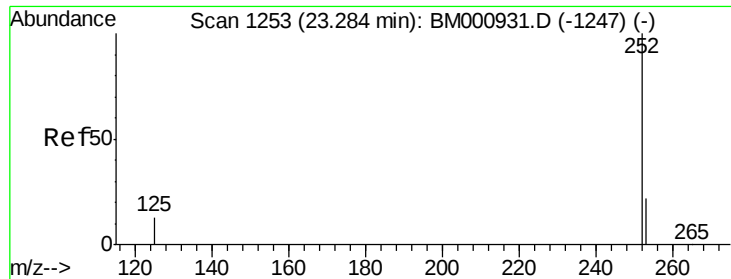


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 0.99 ng

RT: 23.28 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

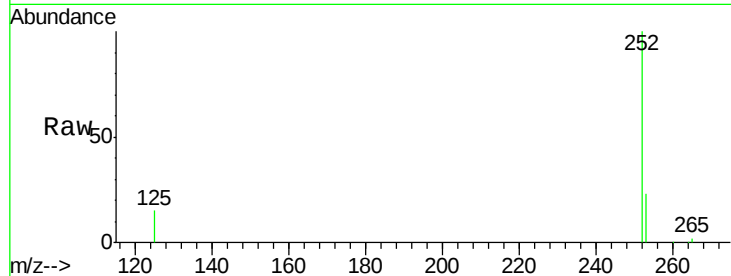
Tgt Ion: 252 Resp: 36026

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.4

125 14.9 11.0 16.6

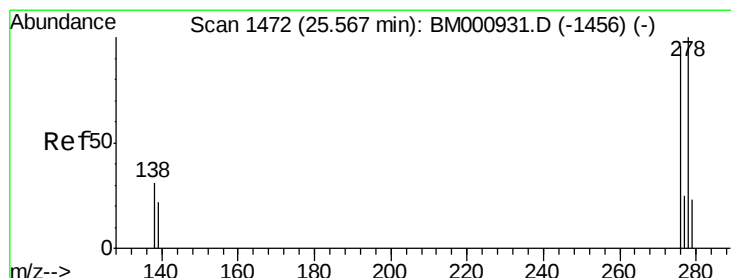
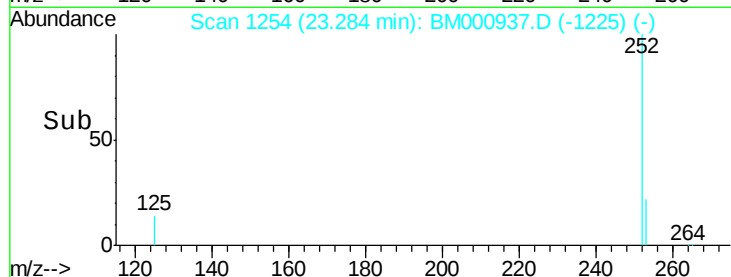
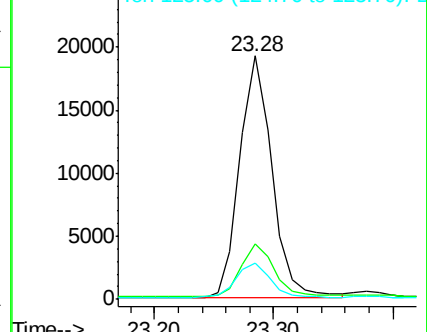


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#42

Dibenzo(a,h)anthracene

Concen: 0.97 ng

RT: 25.58 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BM000937.D

Acq: 10 Apr 2015 10:48

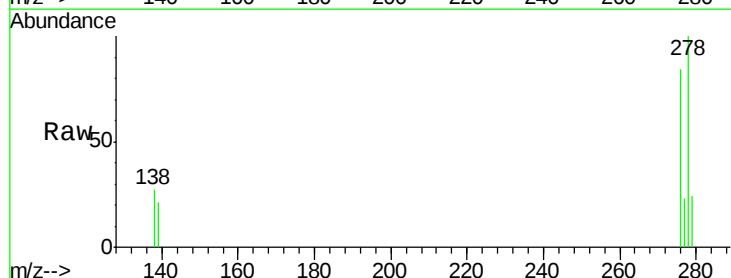
Tgt Ion: 278 Resp: 32770

Ion Ratio Lower Upper

278 100

139 21.2 17.8 26.8

279 24.4 19.0 28.6

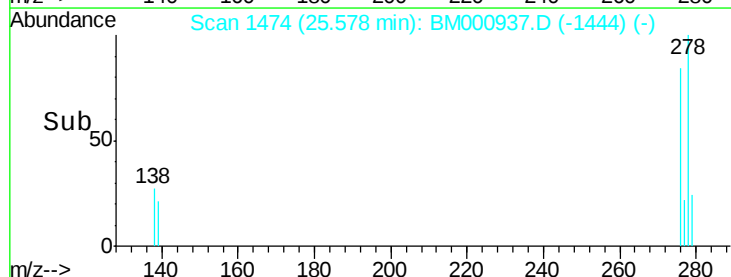
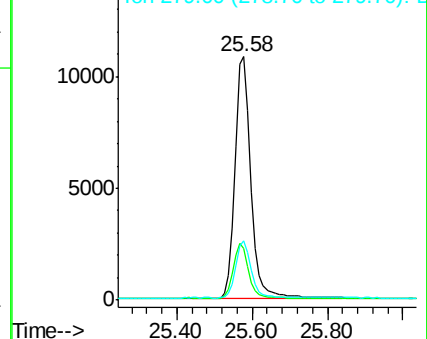


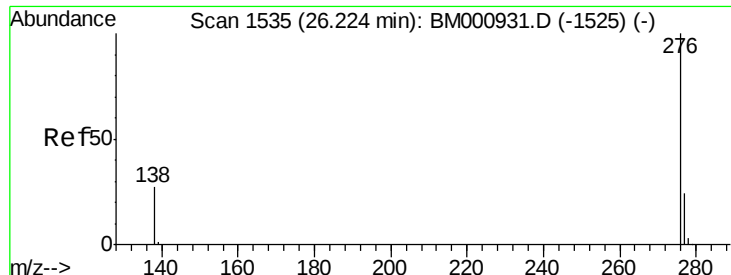
Abundance

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





#43

Benzo(g,h,i)perylene

Concen: 0.98 ng

RT: 26.22 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM000937.D

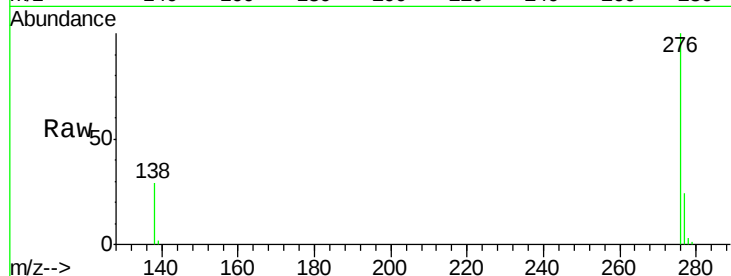
Acq: 10 Apr 2015 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 36483

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 29.0 21.7 32.5

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

