

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041315\
 Data File : BM000952.D
 Acq On : 13 Apr 2015 16:23
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: Apr 14 06:19:09 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	29209	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	107842	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	47126	5.00	ng	0.00
24) Phenanthrene-d10	16.99	188	99168	5.00	ng	0.00
30) Chrysene-d12	21.20	240	82125	5.00	ng	0.00
38) Perylene-d12	23.38	264	72388	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.19	112	6243	1.01	ng	-0.02
5) Phenol-d6	6.78	99	7146	0.97	ng	0.00
9) Nitrobenzene-d5	8.76	82	5145	0.99	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	1723	1.00	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	15920	1.21	ng	0.00
33) Terphenyl-d14	19.66	244	10263	1.03	ng	0.02

Target Compounds

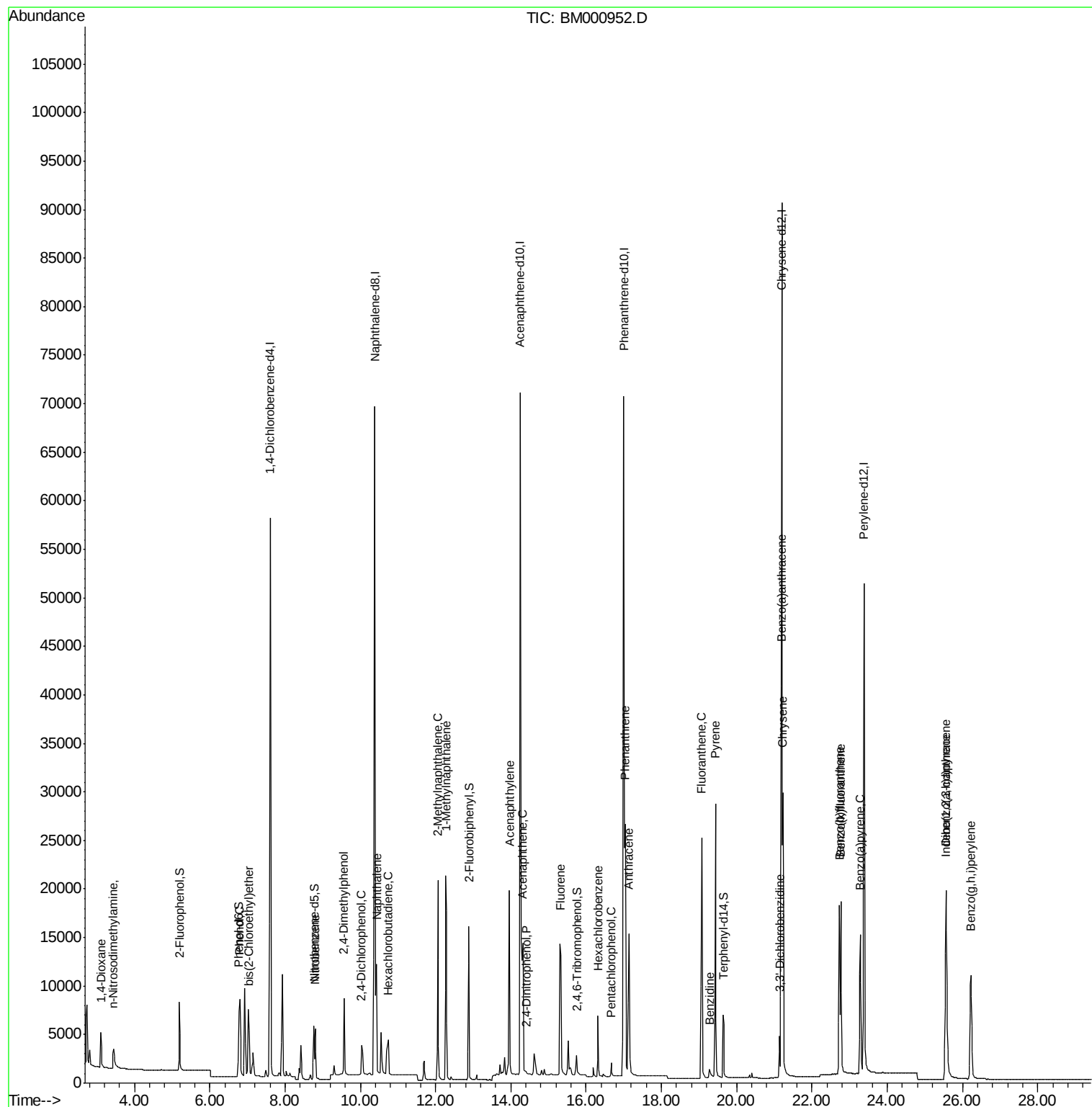
						Qvalue
2) 1,4-Dioxane	3.12	88	3018	1.11	ng	98
3) n-Nitrosodimethylamine	3.43	42	2814	0.99	ng	# 81
6) Phenol	6.80	94	7304	0.96	ng	# 43
7) bis(2-Chloroethyl)ether	7.04	93	6606	0.99	ng	100
10) Nitrobenzene	8.80	77	6102	0.96	ng	100
11) 2,4-Dimethylphenol	9.56	122	5711	0.96	ng	98
12) 2,4-Dichlorophenol	10.03	162	4827	0.92	ng	95
13) Naphthalene	10.44	128	22401	1.03	ng	99
14) Hexachlorobutadiene	10.74	225	4111	1.03	ng	99
15) 2-Methylnaphthalene	12.06	142	15344	1.03	ng	99
16) 1-Methylnaphthalene	12.28	142	15483	1.03	ng	85
20) Acenaphthylene	13.96	152	23970	1.20	ng	99
21) Acenaphthene	14.32	154	13432	1.03	ng	99
22) 2,4-Dinitrophenol	14.40	184	288	0.76	ng	# 58
23) Fluorene	15.32	166	14939	0.99	ng	99
25) Hexachlorobenzene	16.32	284	5997	1.12	ng	95
26) Pentachlorophenol	16.67	266	1411	0.82	ng	99
27) Phenanthrene	17.04	178	28437	1.11	ng	100
28) Anthracene	17.14	178	22902	0.98	ng	99
29) Fluoranthene	19.07	202	26606	0.99	ng	99
31) Benzidine	19.28	184	3313	0.78	ng	# 90
32) Pyrene	19.43	202	27795	1.04	ng	99
34) Benzo(a)anthracene	21.18	228	24984	1.05	ng	98
35) 3,3'-Dichlorobenzidine	21.14	252	5177	0.84	ng	# 79
36) Chrysene	21.23	228	24363	1.01	ng	98
37) Indeno(1,2,3-cd)pyrene	25.56	276	24643	1.00	ng	100
39) Benzo(b)fluoranthene	22.73	252	25099	1.11	ng	94
40) Benzo(k)fluoranthene	22.77	252	21837	1.00	ng	94
41) Benzo(a)pyrene	23.28	252	20166	1.01	ng	99
42) Dibenzo(a,h)anthracene	25.57	278	18733	1.01	ng	98
43) Benzo(g,h,i)perylene	26.22	276	21618	1.06	ng	99

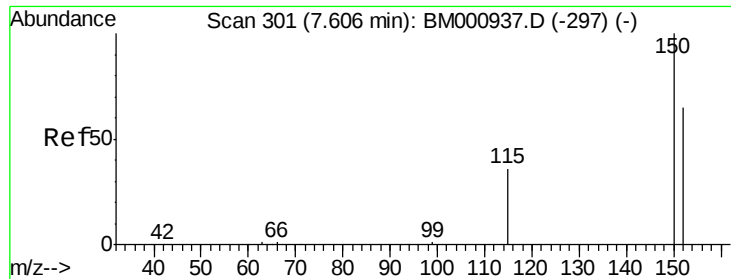
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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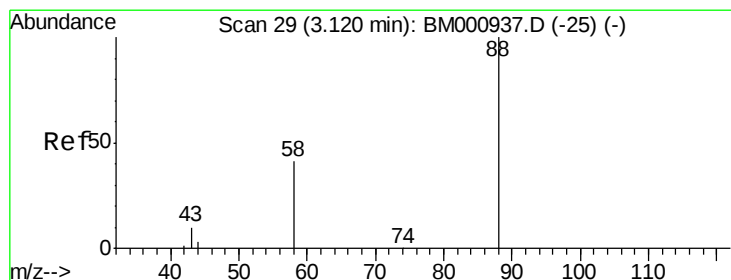
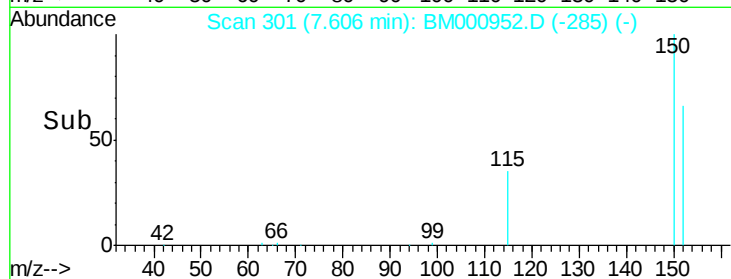
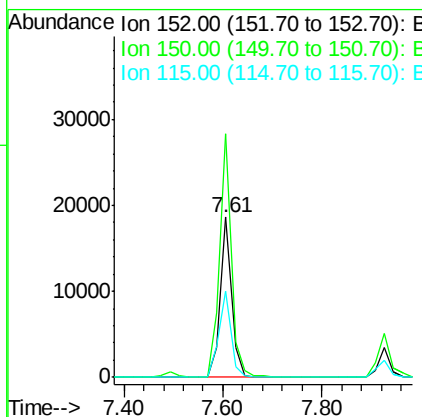
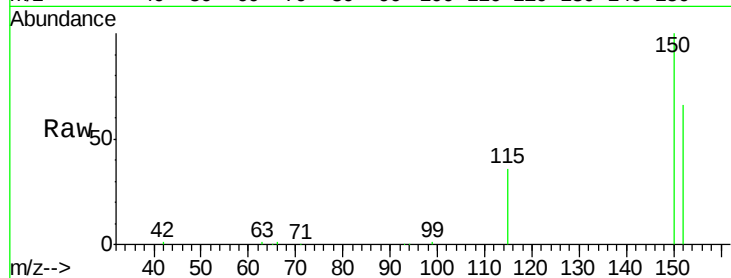




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

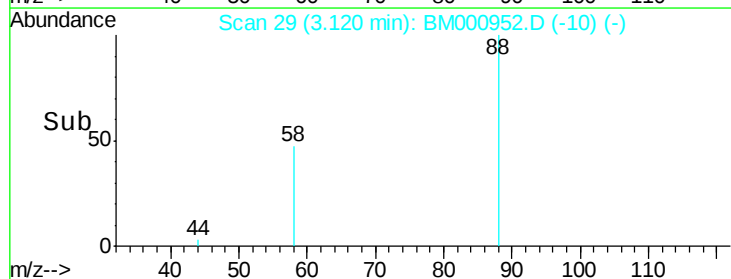
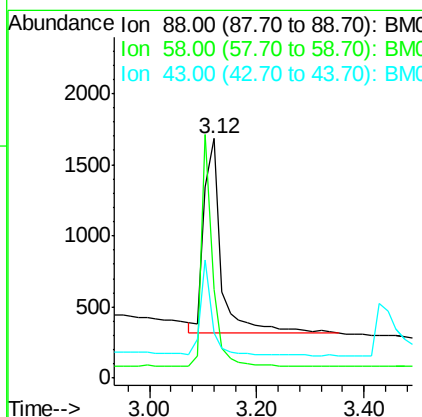
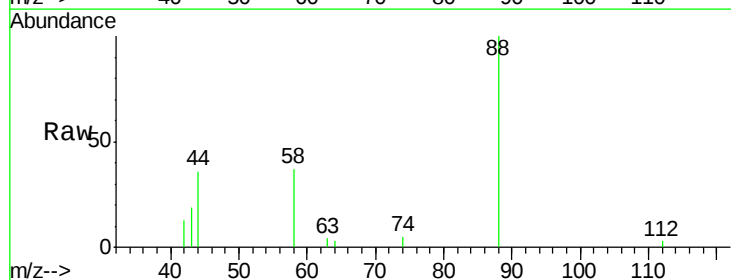
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

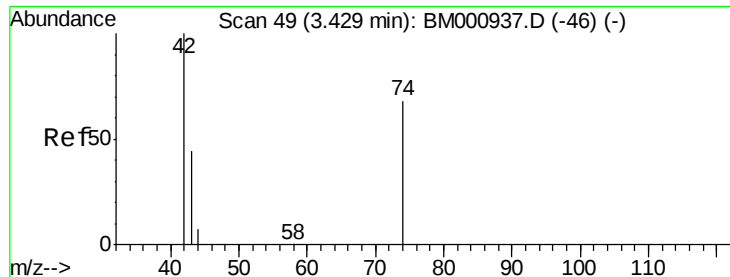
Tgt Ion: 152 Resp: 29209
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.4 188.2
 115 54.2 45.9 68.9



#2
 1,4-Dioxane
 Concen: 1.11 ng
 RT: 3.12 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

Tgt Ion: 88 Resp: 3018
 Ion Ratio Lower Upper
 88 100
 58 76.5 63.0 94.6
 43 33.7 27.0 40.4





#3

n-Nitrosodimethylamine

Concen: 0.99 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

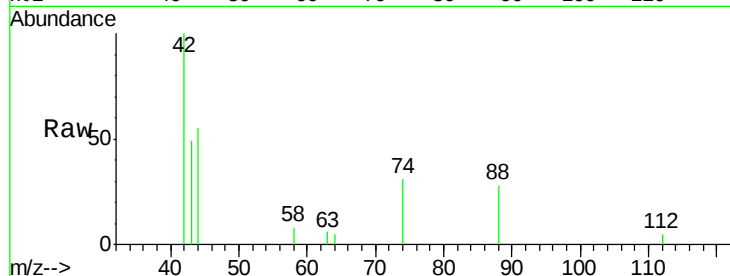
Tgt Ion: 42 Resp: 2814

Ion Ratio Lower Upper

42 100

74 30.5 26.0 39.0

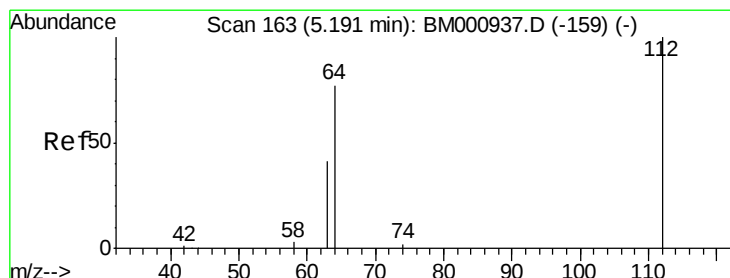
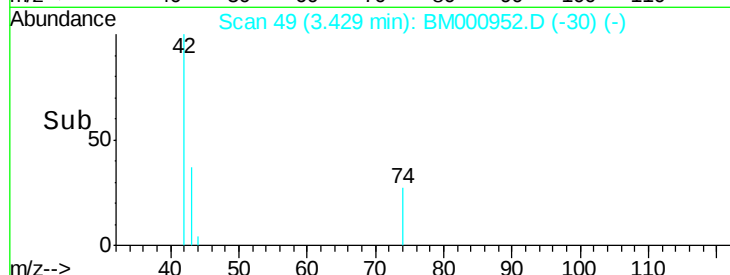
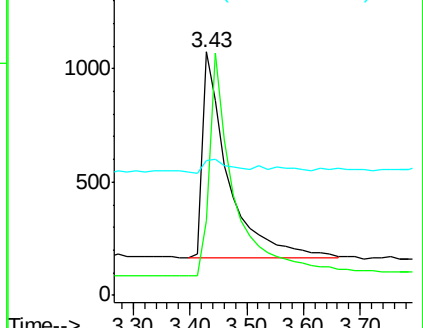
44 55.4 29.0 43.4#



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: 1.01 ng

RT: 5.19 min Scan# 163

Delta R.T. -0.02 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

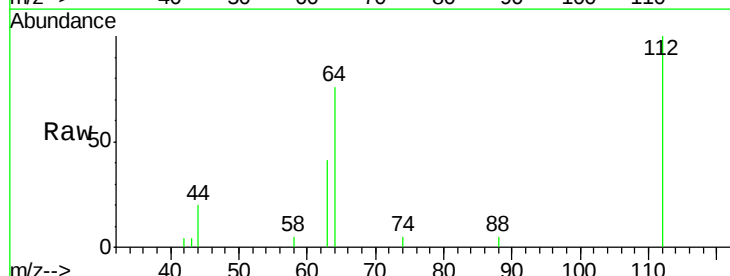
Tgt Ion: 112 Resp: 6243

Ion Ratio Lower Upper

112 100

64 76.3 31.8 47.8#

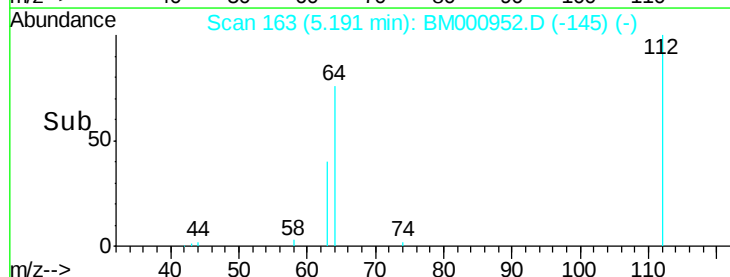
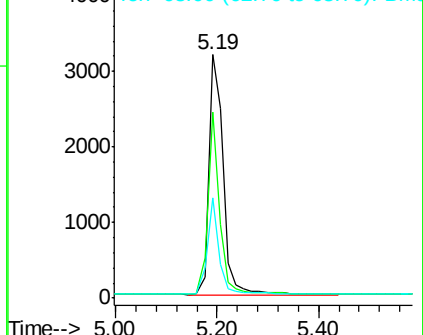
63 41.2 14.5 21.7#

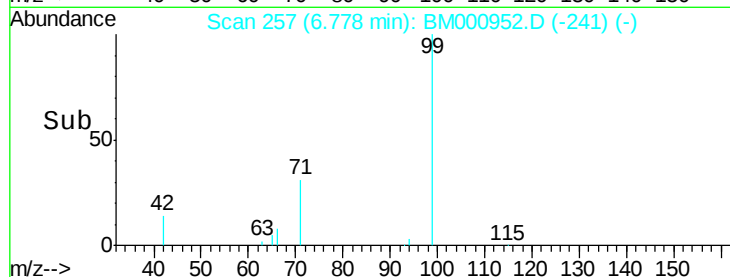
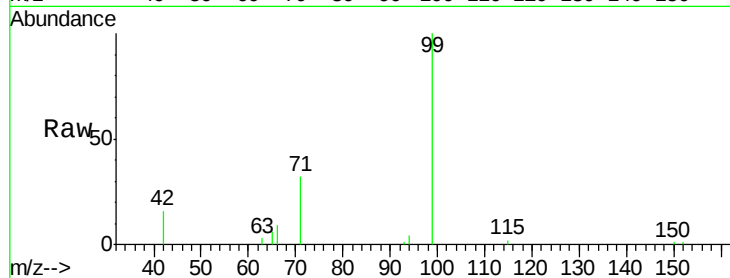
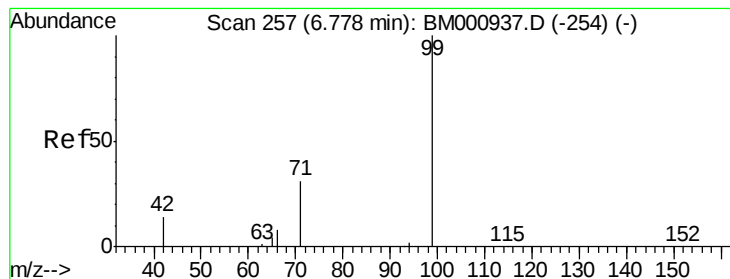


Abundance Ion 112.00 (111.70 to 112.70): BM000937.D (-159) (-)

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: 0.97 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

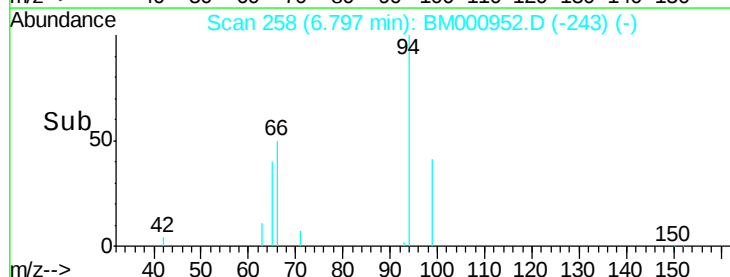
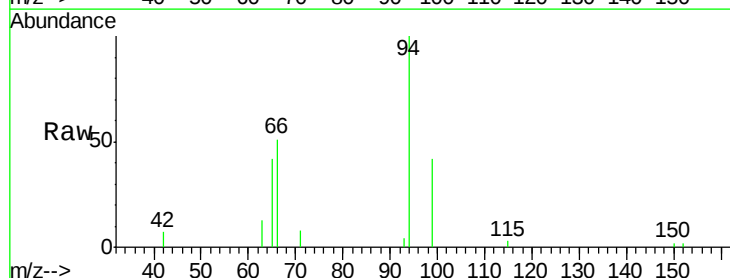
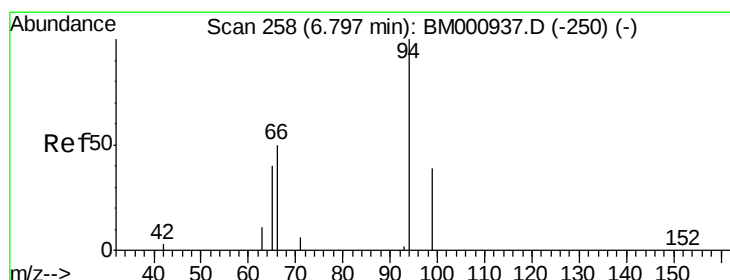
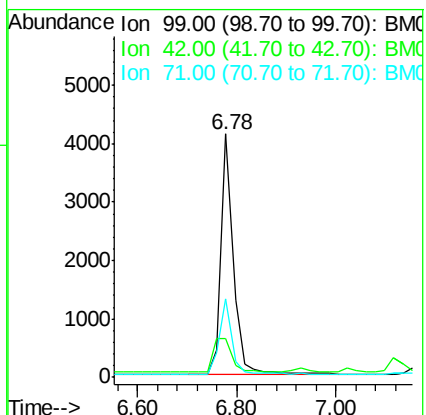
Tgt Ion: 99 Resp: 7146

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 32.1 28.0 42.0



#6

Phenol

Concen: 0.96 ng

RT: 6.80 min Scan# 258

Delta R.T. -0.02 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

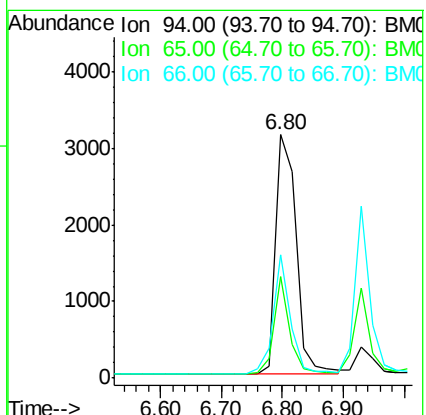
Tgt Ion: 94 Resp: 7304

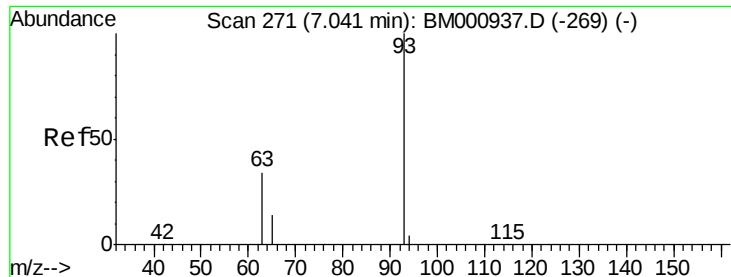
Ion Ratio Lower Upper

94 100

65 41.5 0.0 36.0#

66 50.8 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: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

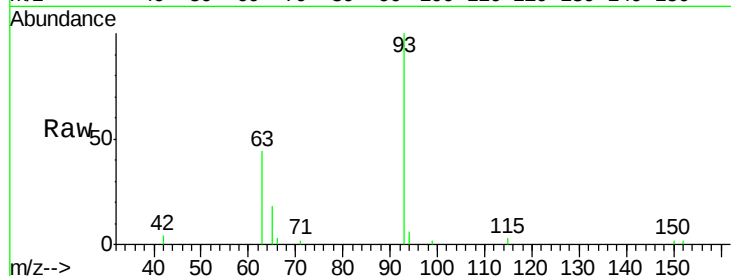
Tgt Ion: 93 Resp: 6606

Ion Ratio Lower Upper

93 100

63 43.9 24.0 64.0

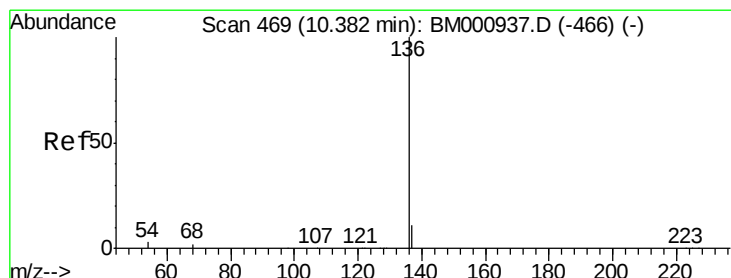
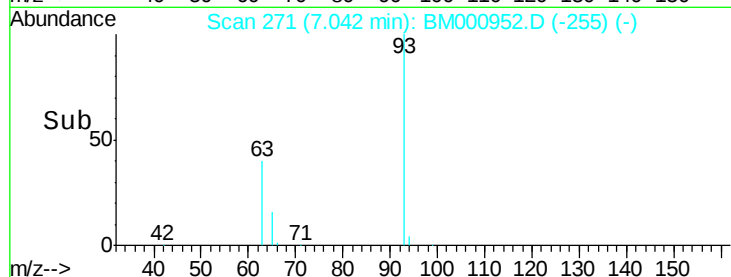
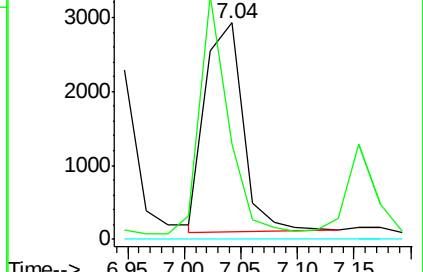
95 0.0 0.0 20.0



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: BM000952.D

Acq: 13 Apr 2015 16:23

Tgt Ion: 136 Resp: 107842

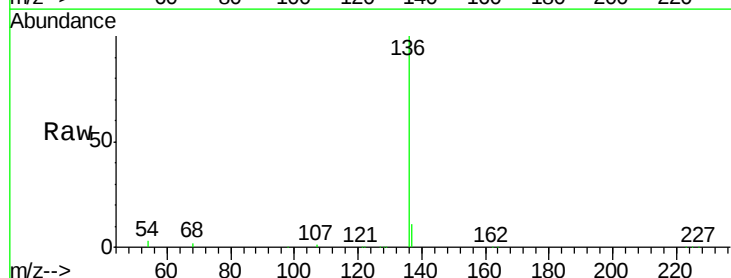
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 3.1 2.9 4.3

68 2.4 2.2 3.2

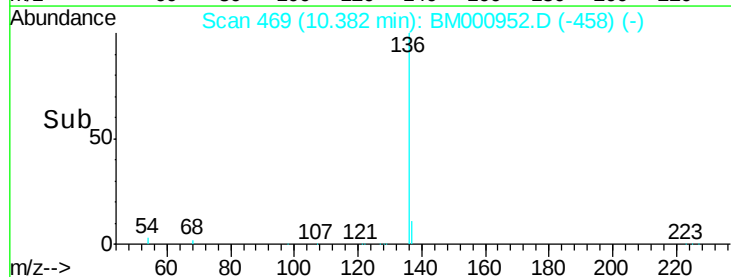
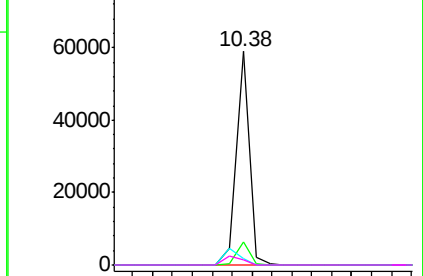


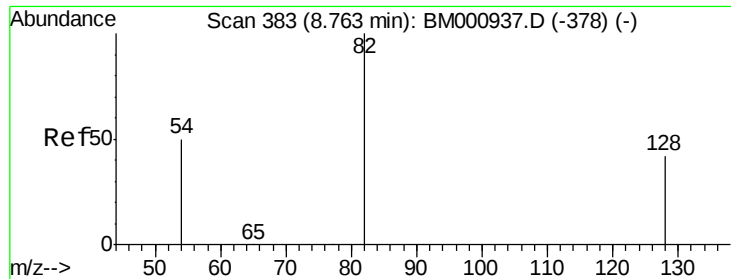
Abundance Ion 136.00 (135.70 to 136.70): BM000937.D (-466) (-)

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: 0.99 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

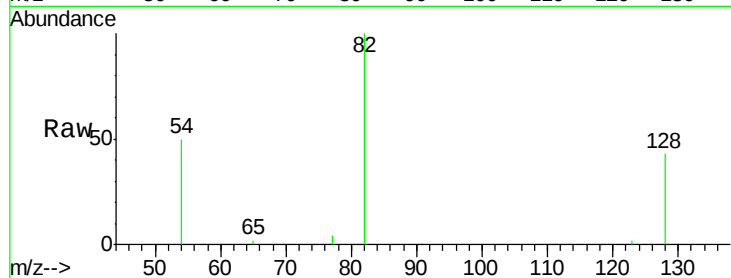
Tgt Ion: 82 Resp: 5145

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.0

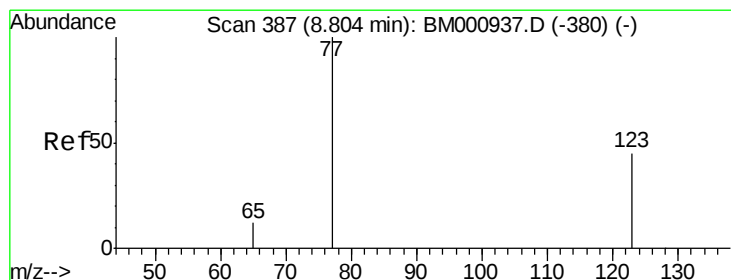
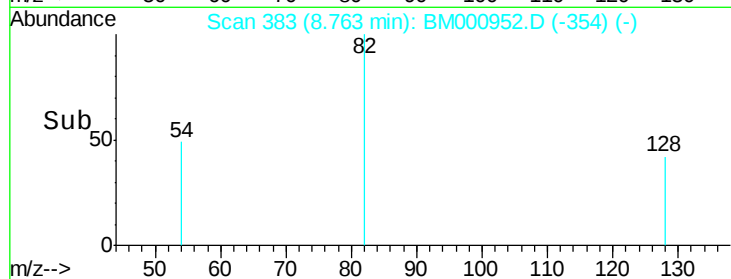
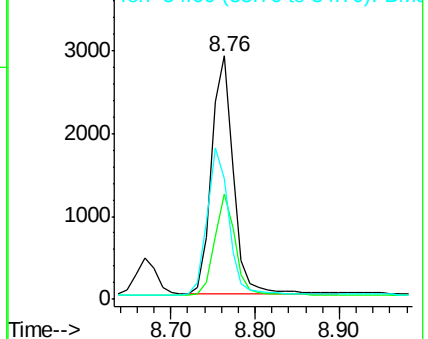
54 49.6 40.5 60.7



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) (-)



#10

Nitrobenzene

Concen: 0.96 ng

RT: 8.80 min Scan# 387

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

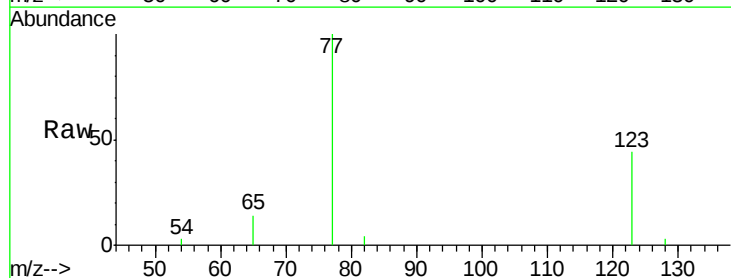
Tgt Ion: 77 Resp: 6102

Ion Ratio Lower Upper

77 100

123 44.0 35.0 52.6

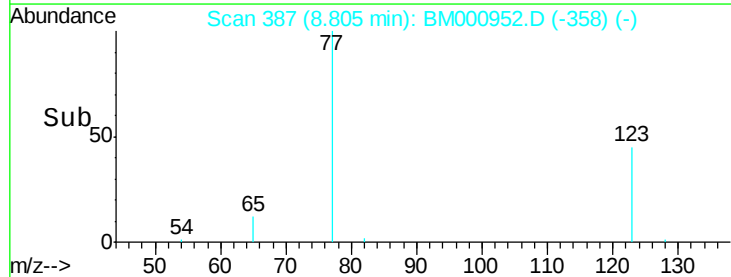
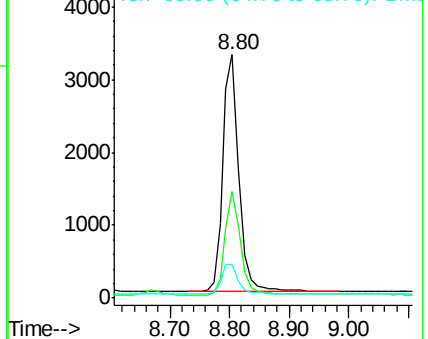
65 13.7 10.7 16.1

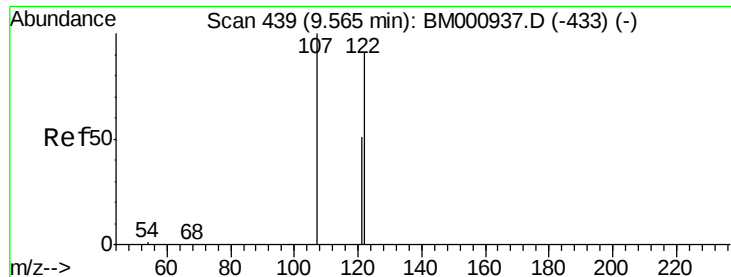


Abundance Ion 77.00 (76.70 to 77.70): BM000937.D (-380) (-)

Ion 123.00 (122.70 to 123.70): BM000937.D (-380) (-)

Ion 65.00 (64.70 to 65.70): BM000937.D (-380) (-)

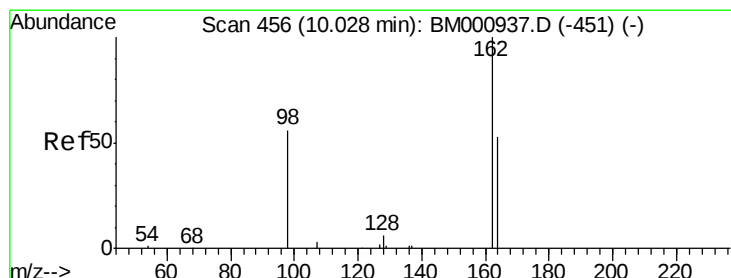
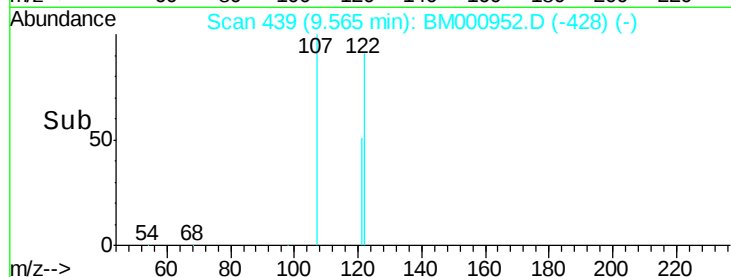
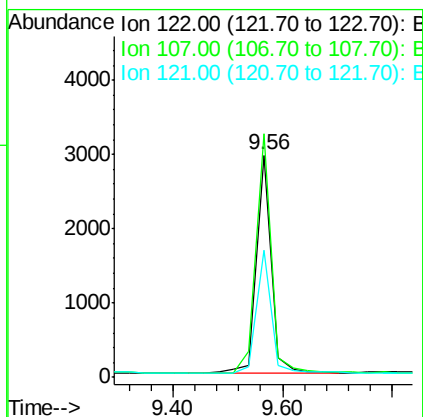
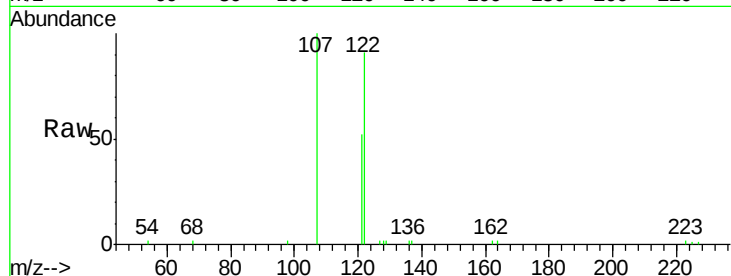




#11
 2,4-Dimethylphenol
 Concen: 0.96 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

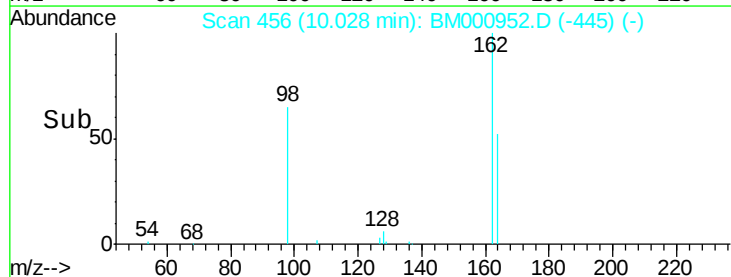
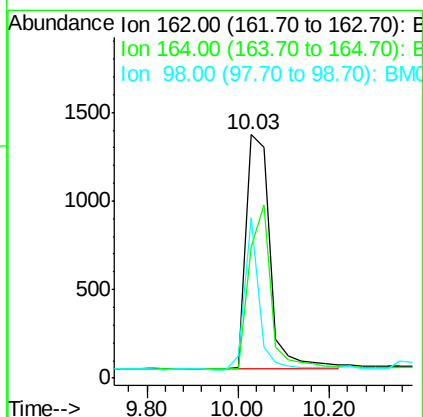
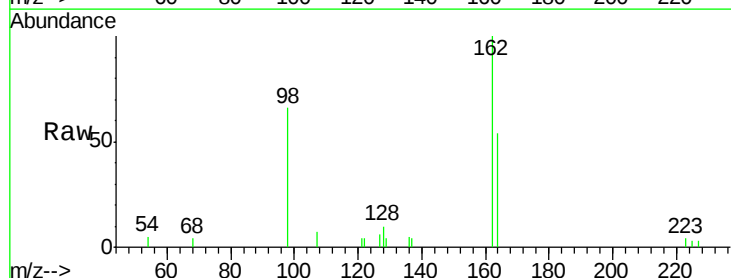
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

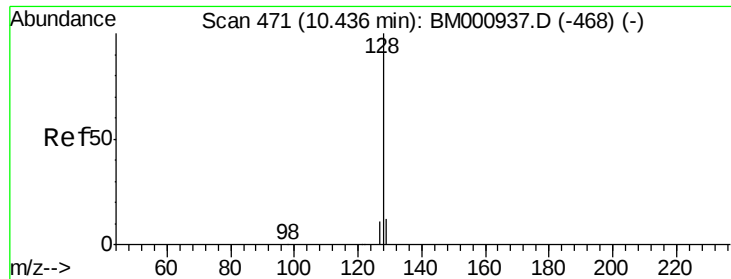
Tgt Ion:122 Resp: 5711
 Ion Ratio Lower Upper
 122 100
 107 109.5 89.8 134.6
 121 57.2 46.6 70.0



#12
 2,4-Dichlorophenol
 Concen: 0.92 ng
 RT: 10.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

Tgt Ion:162 Resp: 4827
 Ion Ratio Lower Upper
 162 100
 164 54.0 32.5 72.5
 98 65.7 40.5 80.5

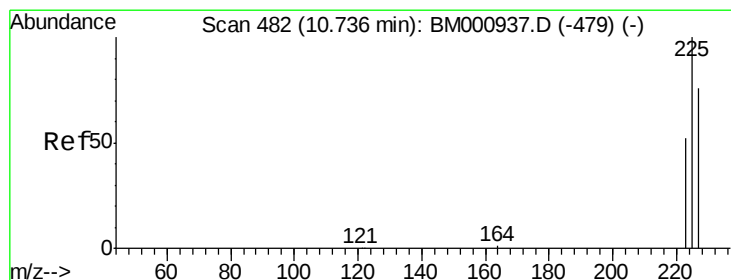
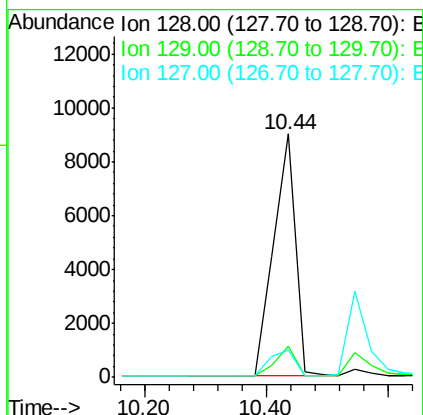
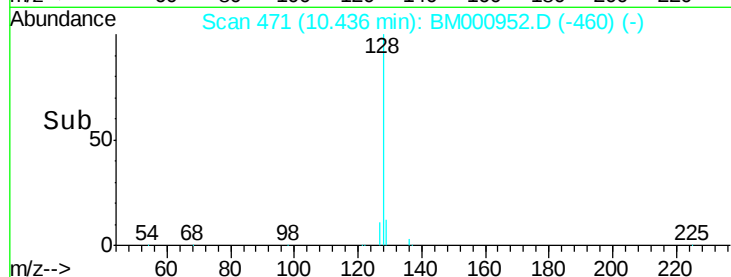
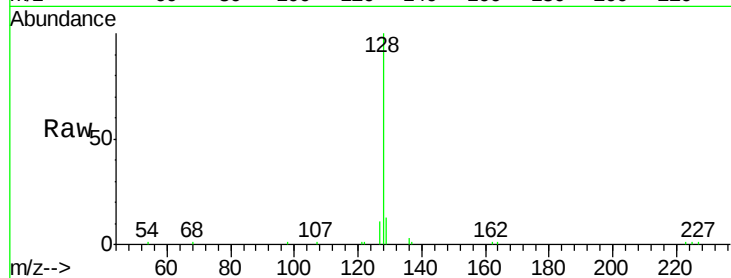




#13
Naphthalene
Concen: 1.03 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000952.D
Acq: 13 Apr 2015 16:23

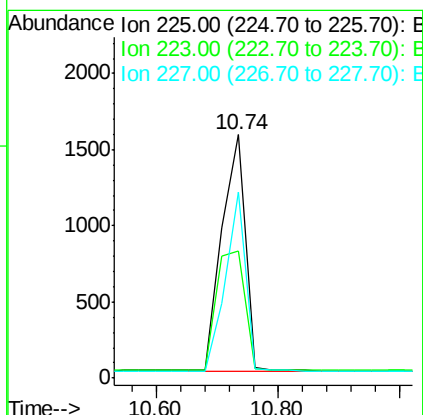
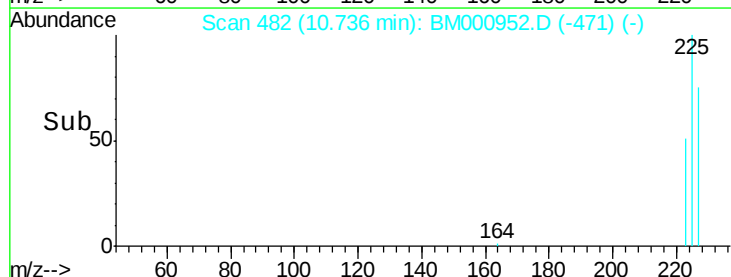
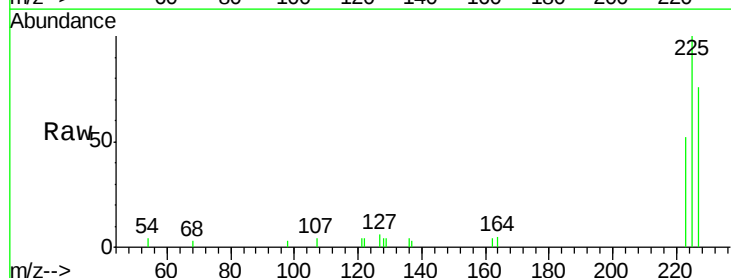
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

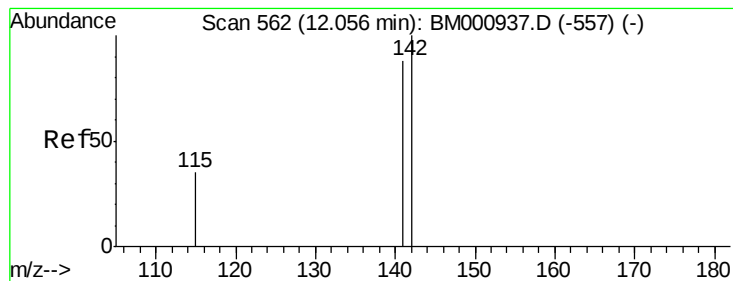
Tgt Ion:128 Resp: 22401
Ion Ratio Lower Upper
128 100
129 12.7 9.8 14.6
127 11.1 9.1 13.7



#14
Hexachlorobutadiene
Concen: 1.03 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000952.D
Acq: 13 Apr 2015 16:23

Tgt Ion:225 Resp: 4111
Ion Ratio Lower Upper
225 100
223 52.3 42.2 63.2
227 76.2 61.4 92.2





#15

2-Methylnaphthalene

Concen: 1.03 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

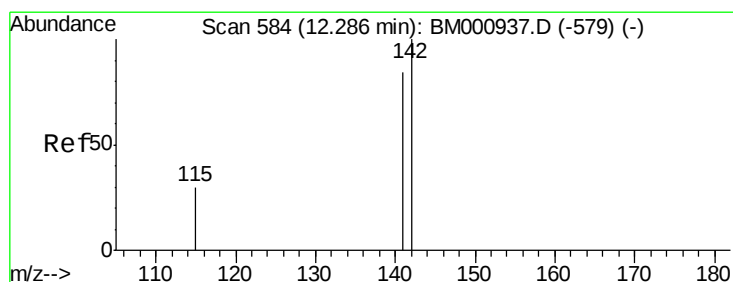
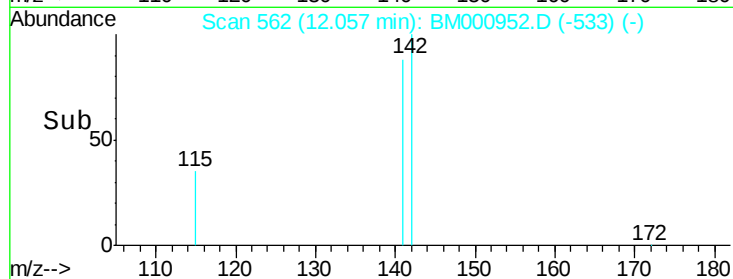
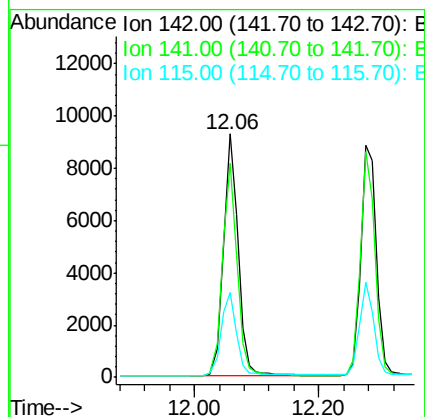
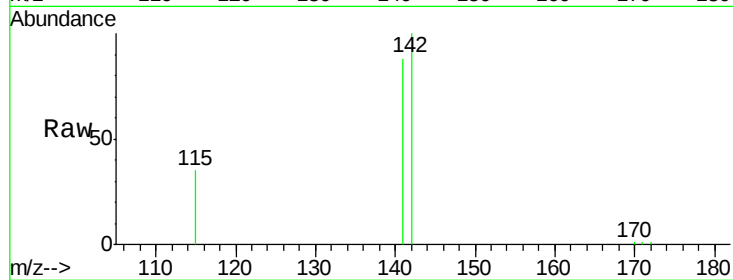
Tgt Ion:142 Resp: 15344

Ion Ratio Lower Upper

142 100

141 87.7 71.2 106.8

115 35.1 28.3 42.5



#16

1-Methylnaphthalene

Concen: 1.03 ng

RT: 12.28 min Scan# 583

Delta R.T. -0.01 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

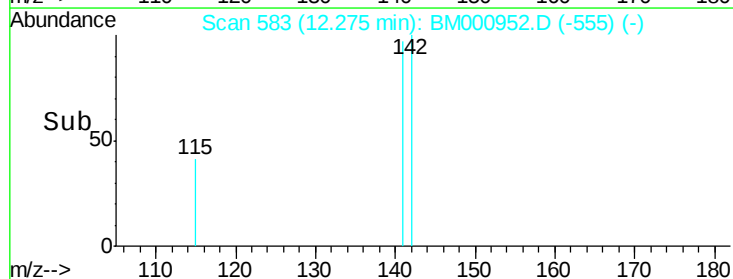
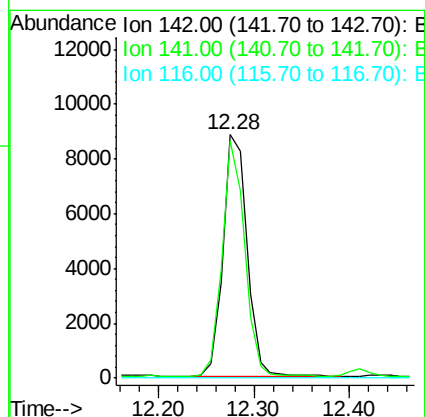
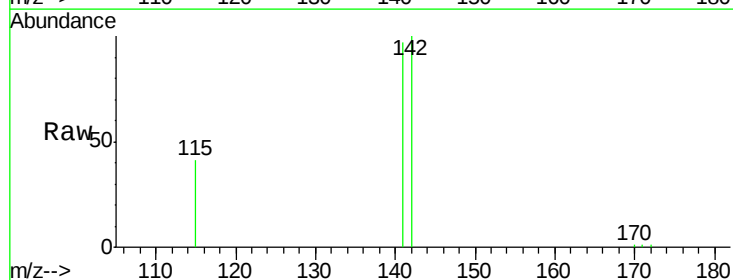
Tgt Ion:142 Resp: 15483

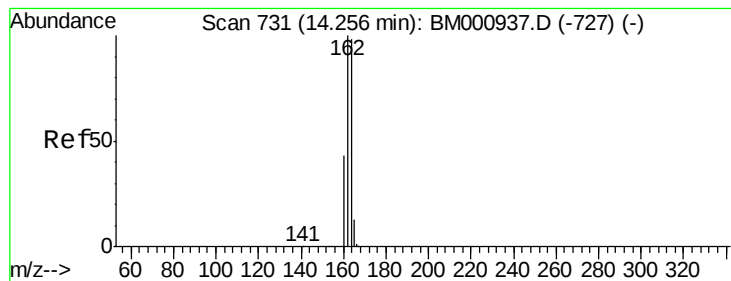
Ion Ratio Lower Upper

142 100

141 97.3 66.7 100.1

116 0.0 0.0 0.0





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 730

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

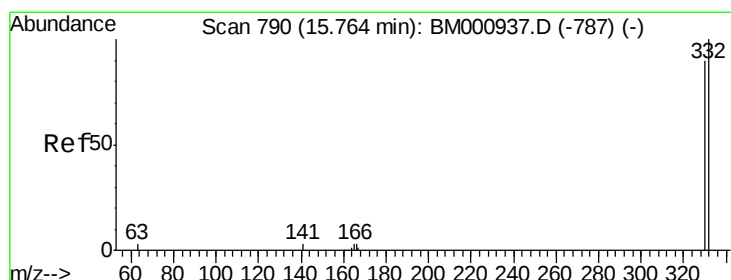
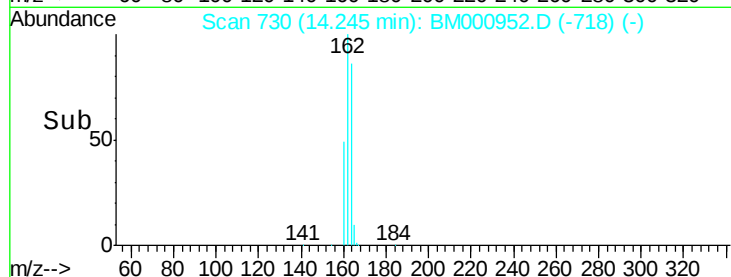
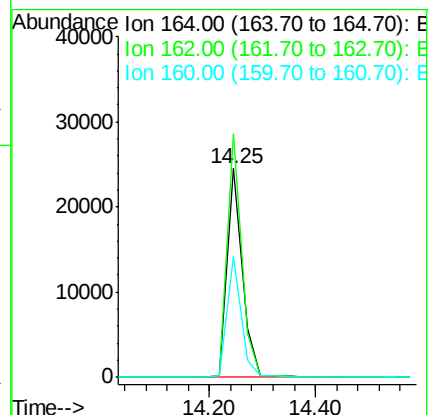
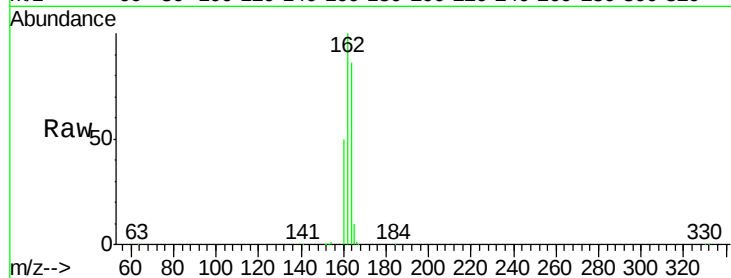
Tgt Ion:164 Resp: 47126

Ion Ratio Lower Upper

164 100

162 116.6 96.1 144.1

160 58.0 48.2 72.2



#18

2,4,6-Tribromophenol

Concen: 1.00 ng

RT: 15.75 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

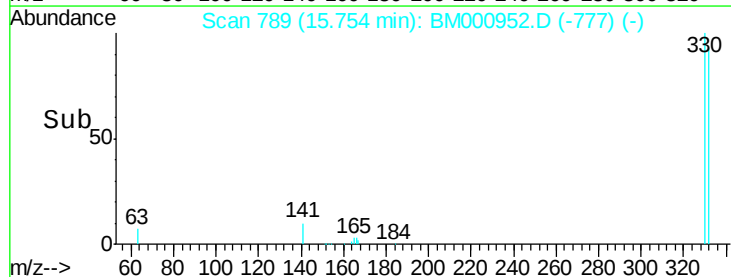
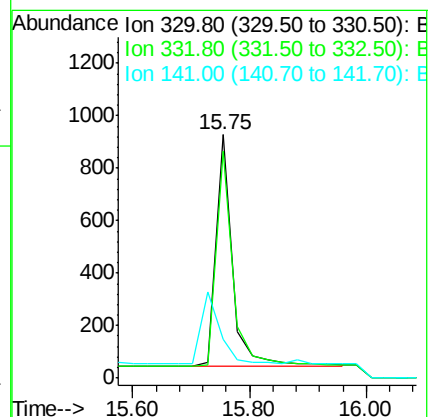
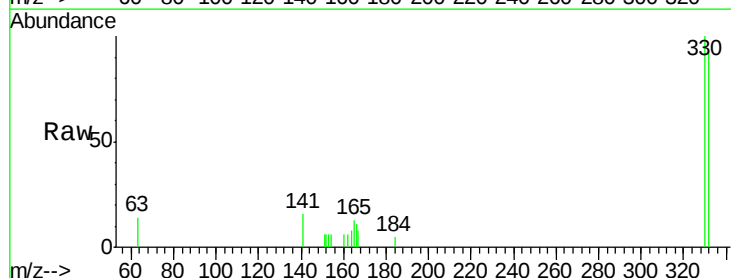
Tgt Ion:330 Resp: 1723

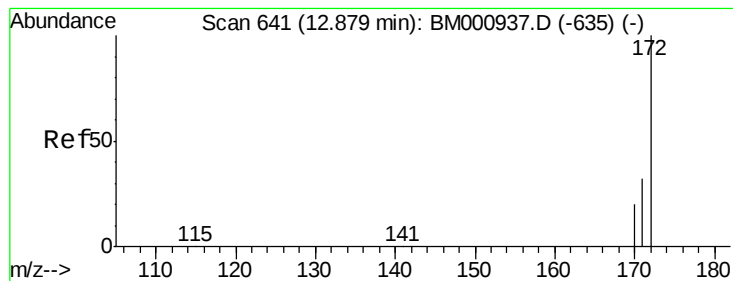
Ion Ratio Lower Upper

330 100

332 95.7 75.4 113.2

141 0.0 0.0 0.0





#19

2-Fluorobiphenyl

Concen: 1.21 ng

RT: 12.88 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

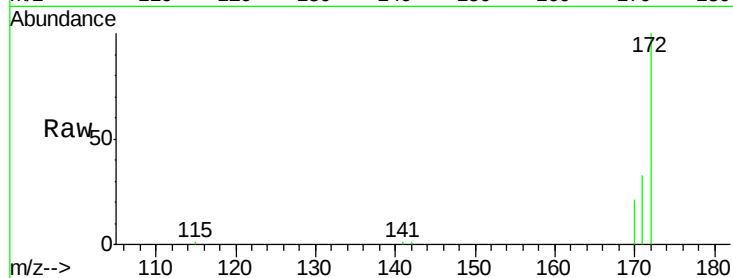
Tgt Ion:172 Resp: 15920

Ion Ratio Lower Upper

172 100

171 33.0 26.7 40.1

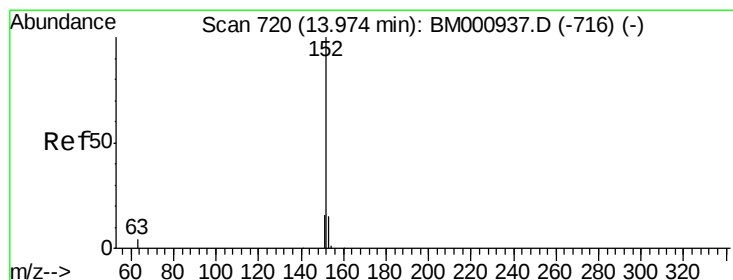
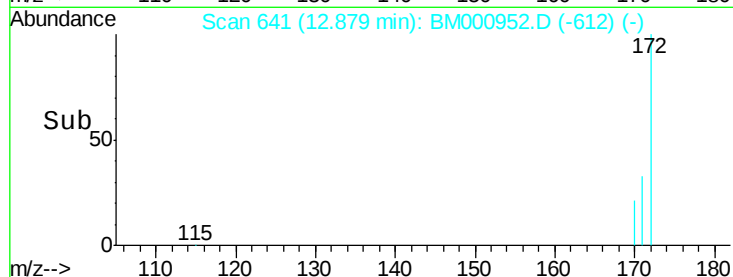
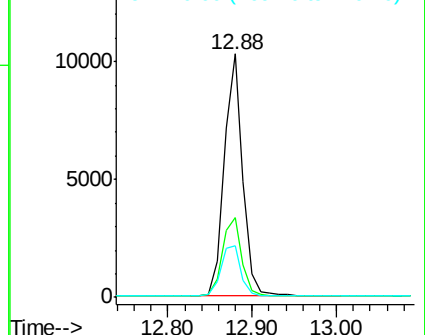
170 21.0 17.0 25.4



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: 1.20 ng

RT: 13.96 min Scan# 719

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

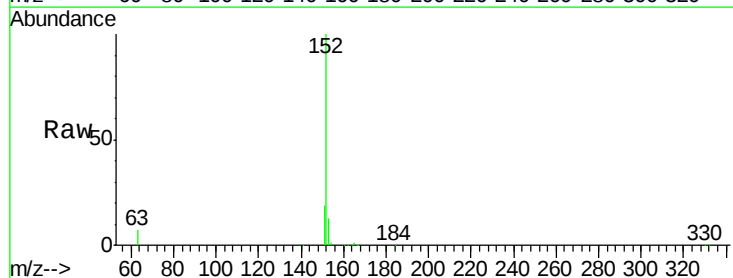
Tgt Ion:152 Resp: 23970

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0

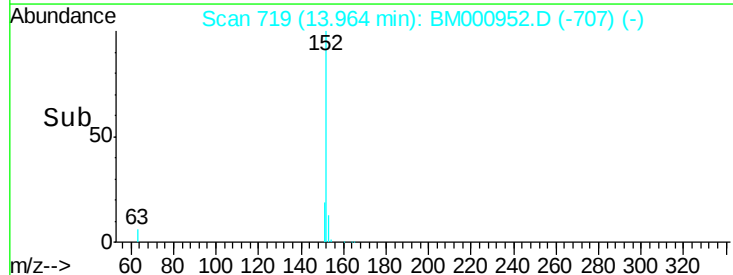
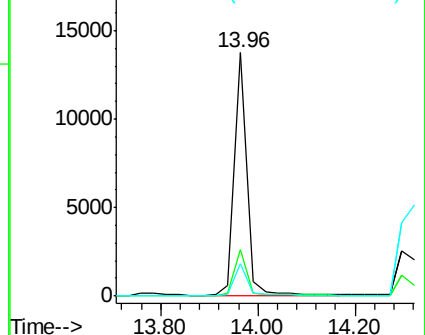
153 13.2 10.2 15.2

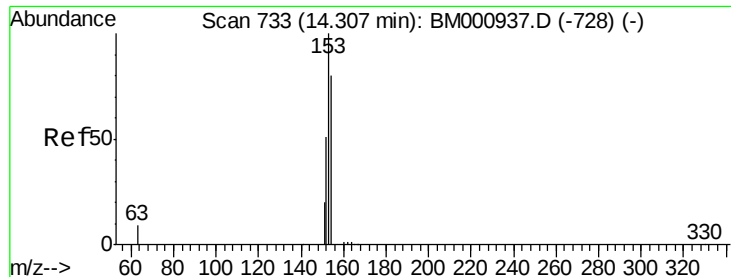


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#21

Acenaphthene

Concen: 1.03 ng

RT: 14.32 min Scan# 733

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

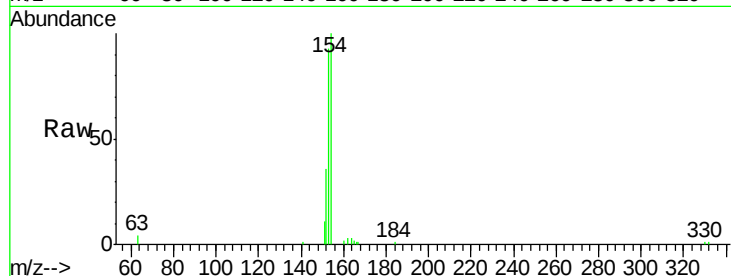
Tgt Ion:154 Resp: 13432

Ion Ratio Lower Upper

154 100

153 92.9 73.7 110.5

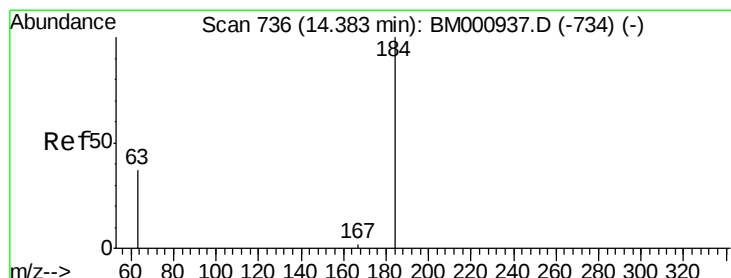
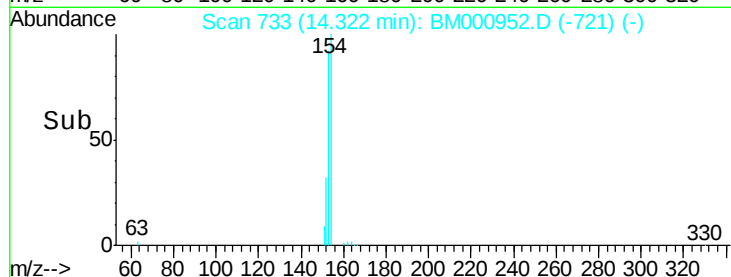
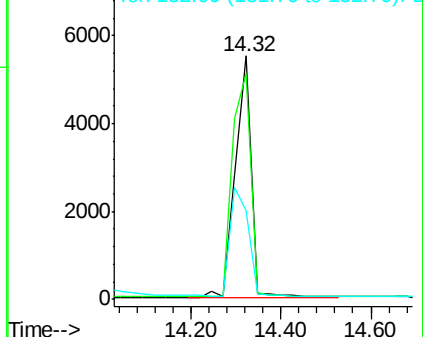
152 36.4 29.0 43.6



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: 0.76 ng

RT: 14.40 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

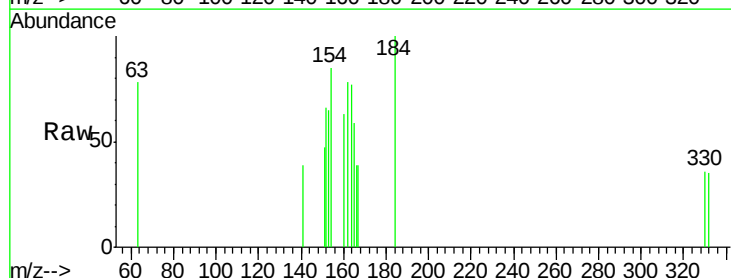
Tgt Ion:184 Resp: 288

Ion Ratio Lower Upper

184 100

63 77.9 39.0 58.4#

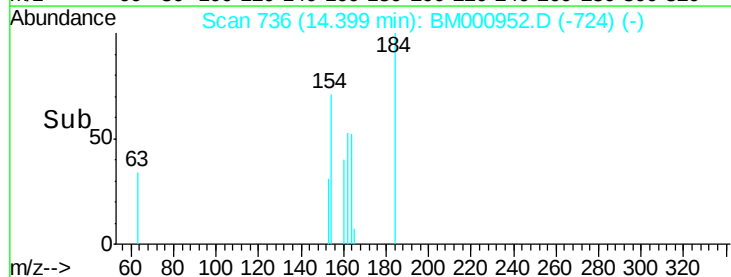
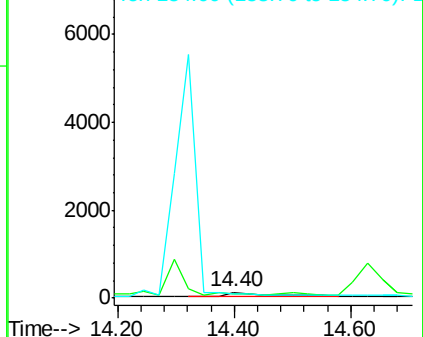
154 84.7 43.8 65.8#

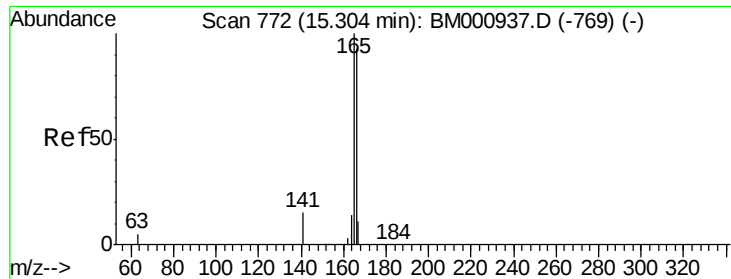


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

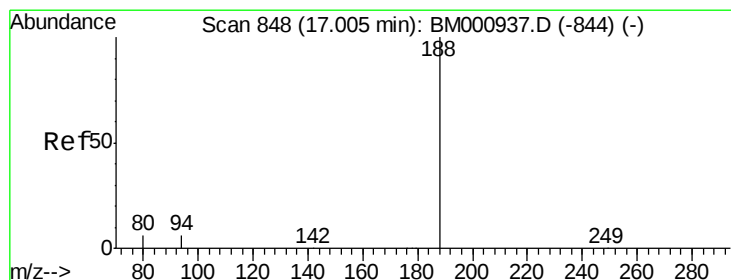
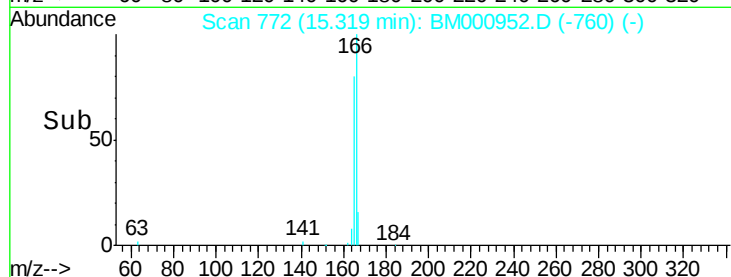
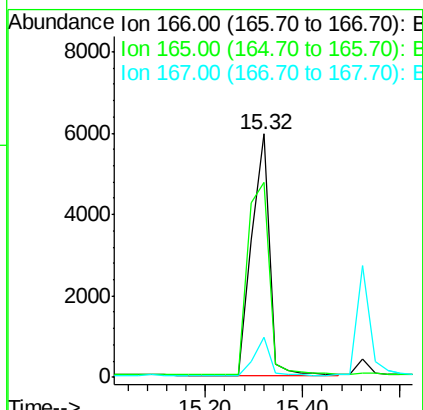
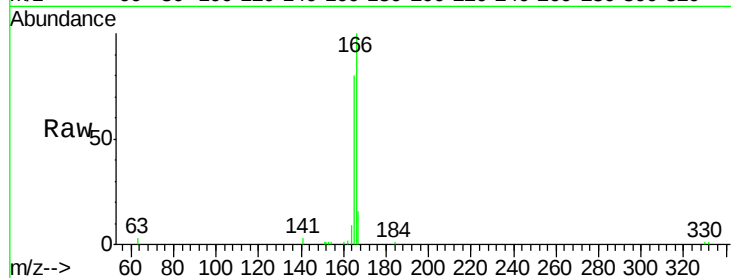




#23
 Fluorene
 Concen: 0.99 ng
 RT: 15.32 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

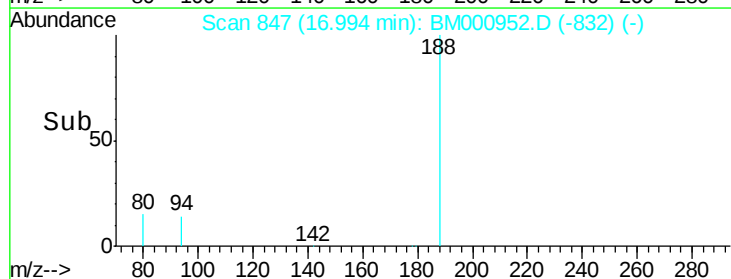
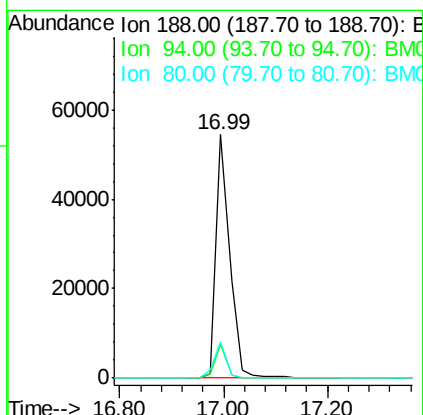
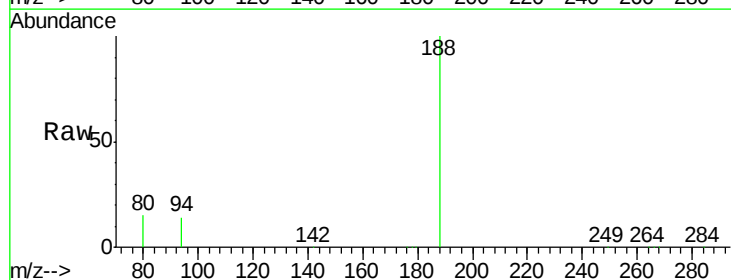
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

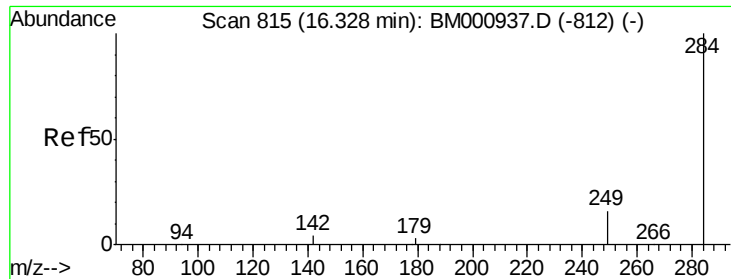
Tgt Ion	Resp	Lower	Upper
166	14939		
165	80.1	63.7	95.5
167	16.4	12.7	19.1



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.99 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

Tgt Ion	Resp	Lower	Upper
188	99168		
94	13.7	12.2	18.4
80	14.9	13.4	20.0

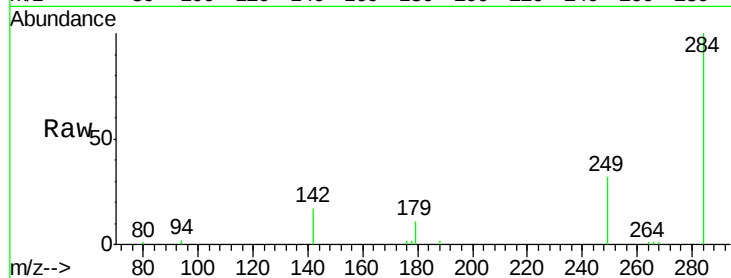




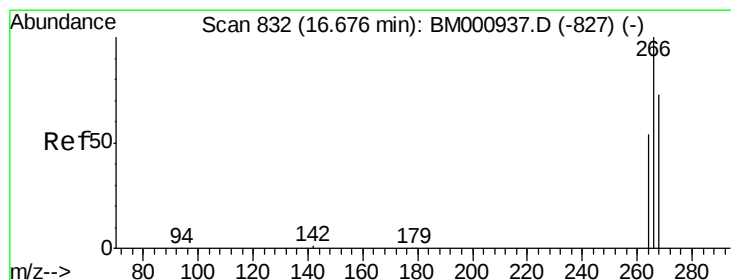
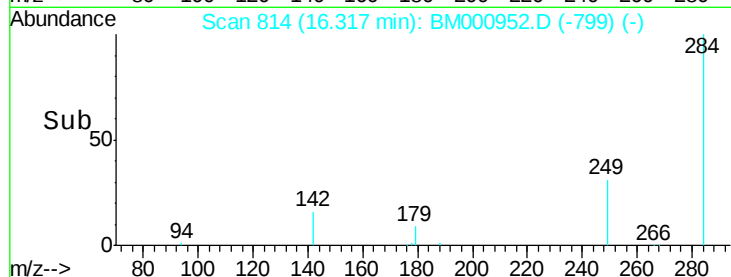
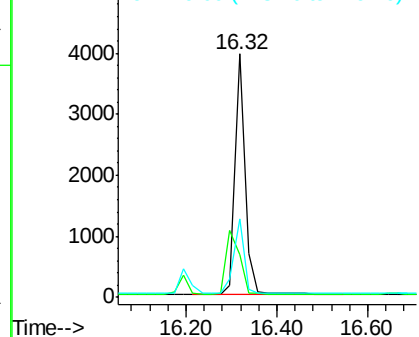
#25
Hexachlorobenzene
Concen: 1.12 ng
RT: 16.32 min Scan# 814
Delta R.T. 0.00 min
Lab File: BM000952.D
Acq: 13 Apr 2015 16:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 284 Resp: 5997
Ion Ratio Lower Upper
284 100
142 17.4 16.2 24.2
249 32.1 27.4 41.2

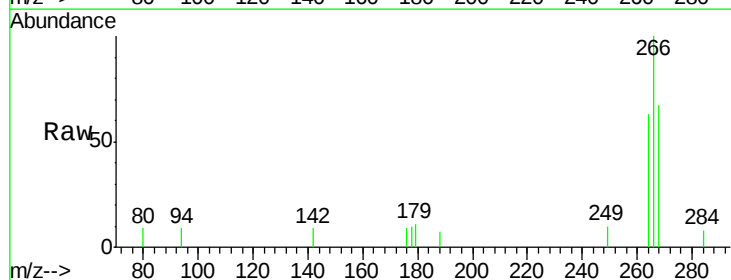


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

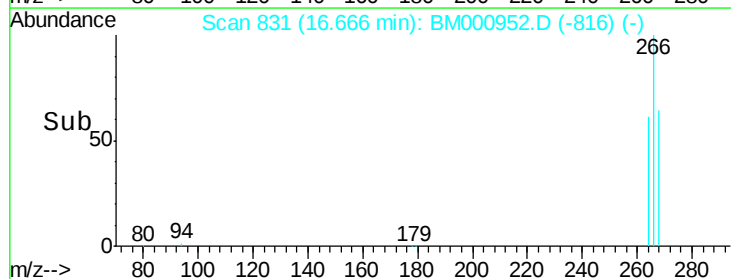
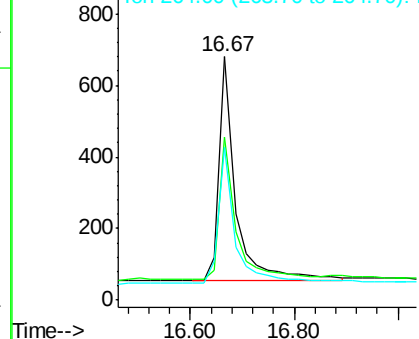


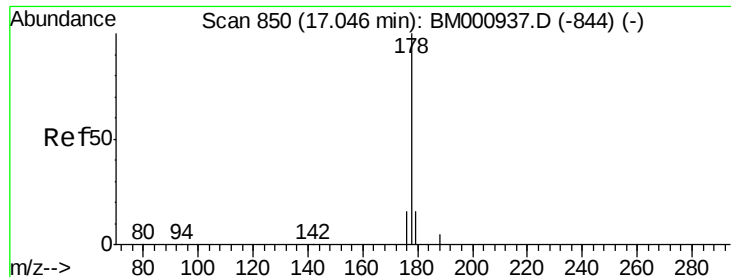
#26
Pentachlorophenol
Concen: 0.82 ng
RT: 16.67 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM000952.D
Acq: 13 Apr 2015 16:23

Tgt Ion: 266 Resp: 1411
Ion Ratio Lower Upper
266 100
268 67.2 53.0 79.4
264 62.8 49.4 74.0



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

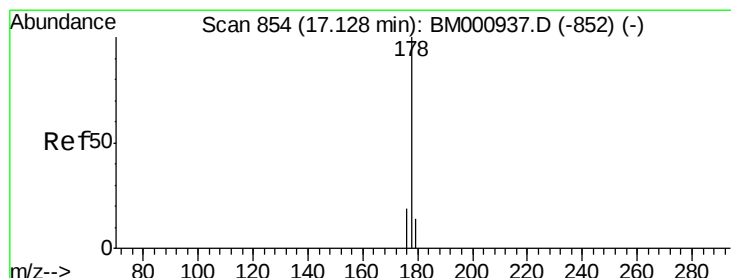
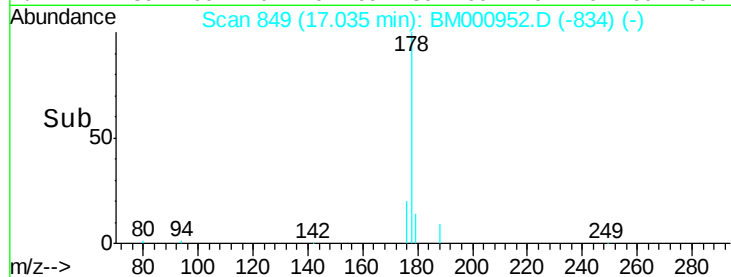
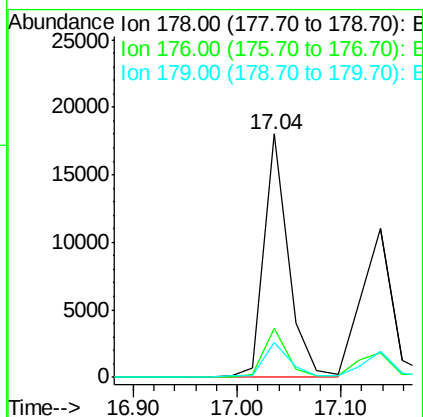
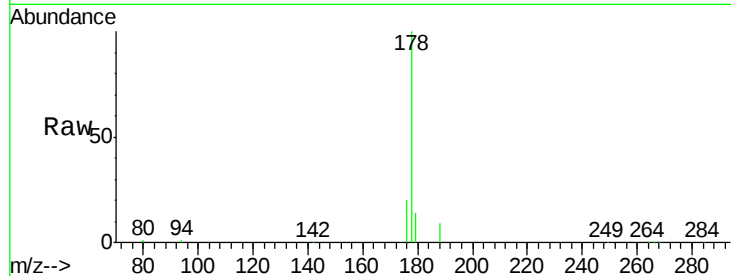




#27
Phenanthrene
Concen: 1.11 ng
RT: 17.04 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM000952.D
Acq: 13 Apr 2015 16:23

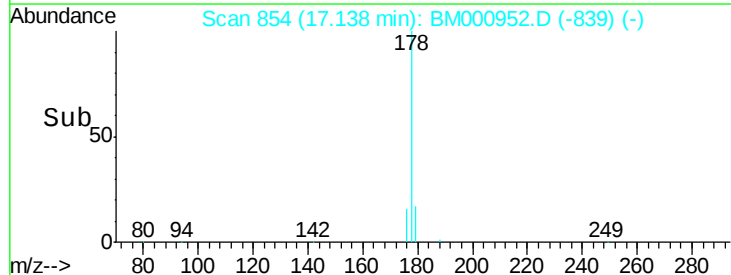
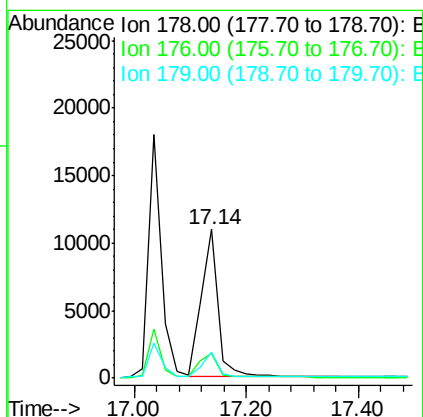
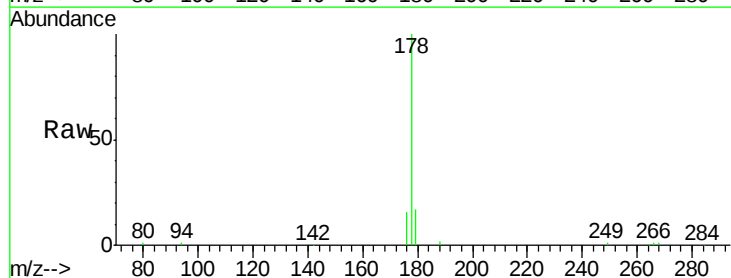
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

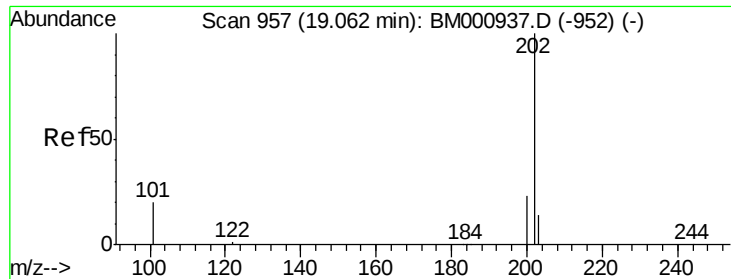
Tgt Ion:178 Resp: 28437
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 14.5 11.4 17.2



#28
Anthracene
Concen: 0.98 ng
RT: 17.14 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000952.D
Acq: 13 Apr 2015 16:23

Tgt Ion:178 Resp: 22902
Ion Ratio Lower Upper
178 100
176 16.5 12.7 19.1
179 17.3 13.9 20.9

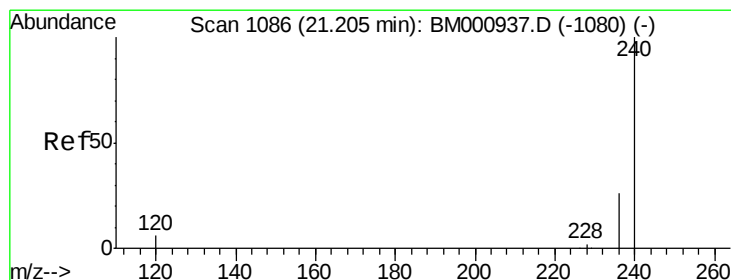
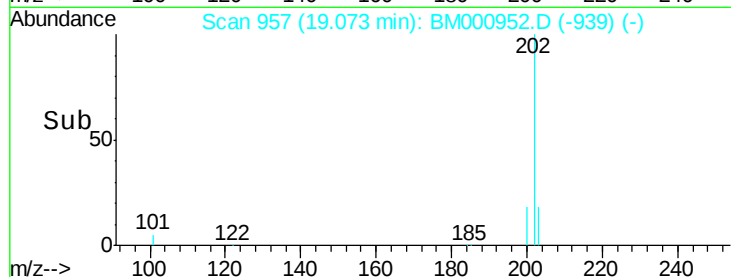
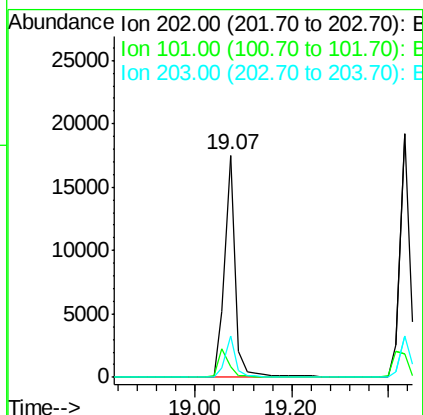
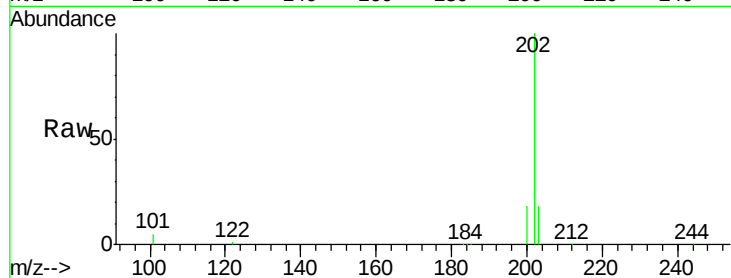




#29
 Fluoranthene
 Concen: 0.99 ng
 RT: 19.07 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

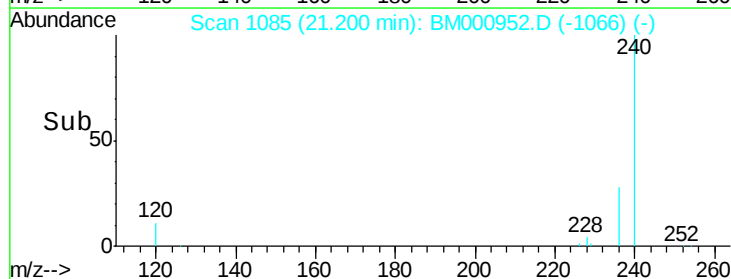
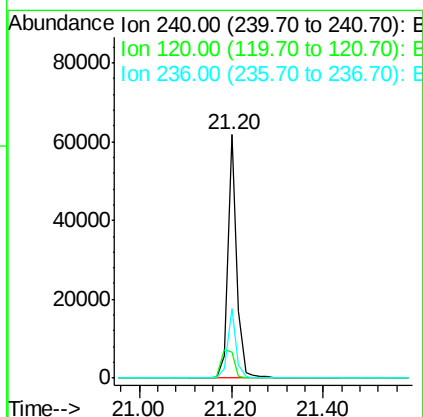
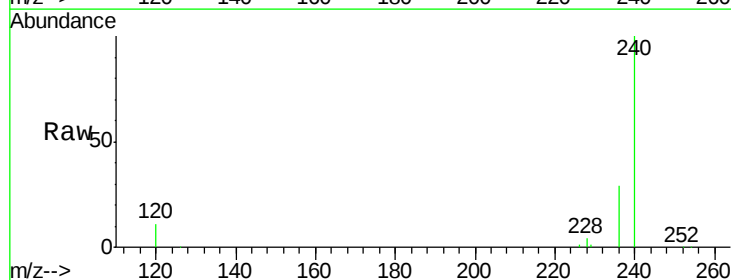
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

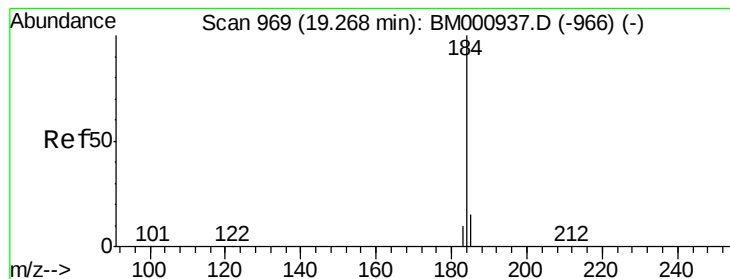
Tgt Ion:202 Resp: 26606
 Ion Ratio Lower Upper
 202 100
 101 4.9 0.0 24.1
 203 18.4 0.0 38.4



#30
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.20 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

Tgt Ion:240 Resp: 82125
 Ion Ratio Lower Upper
 240 100
 120 10.9 6.8 10.2#
 236 28.5 22.1 33.1





#31

Benzidine

Concen: 0.78 ng

RT: 19.28 min Scan# 969

Delta R.T. 0.02 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

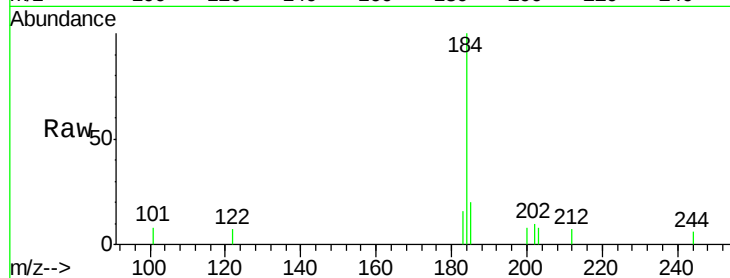
Tgt Ion:184 Resp: 3313

Ion Ratio Lower Upper

184 100

185 20.1 12.2 18.4#

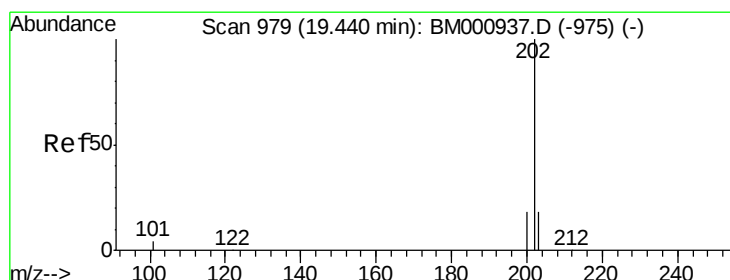
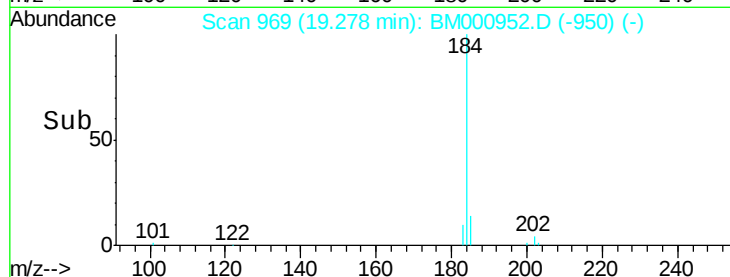
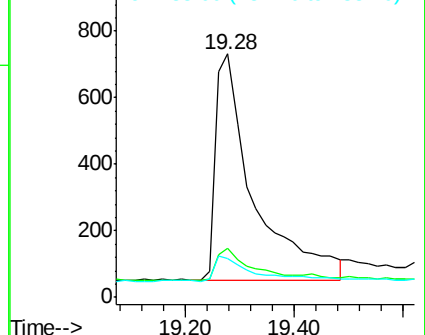
183 16.0 10.3 15.5#



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



#32

Pyrene

Concen: 1.04 ng

RT: 19.43 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

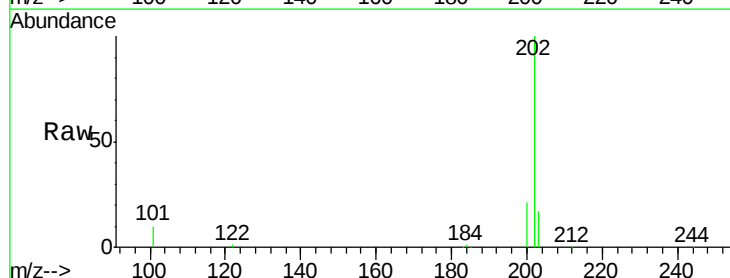
Tgt Ion:202 Resp: 27795

Ion Ratio Lower Upper

202 100

200 20.9 16.2 24.4

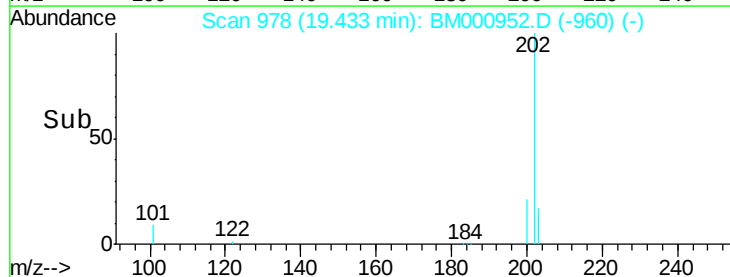
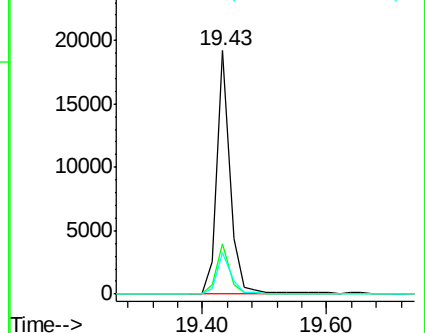
203 16.9 13.5 20.3

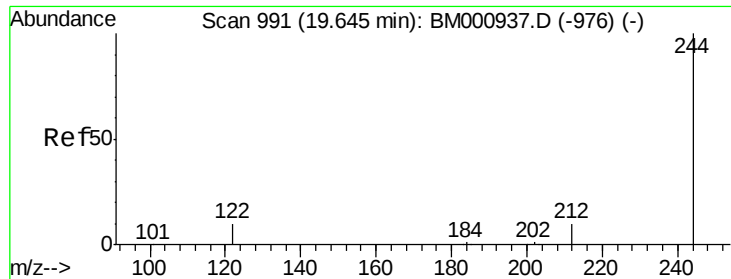


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

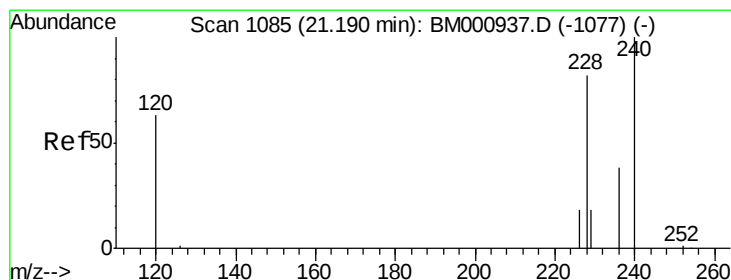
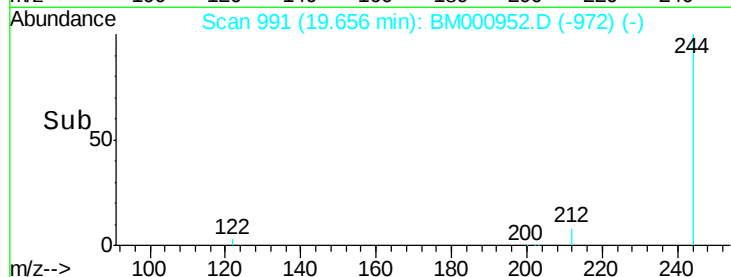
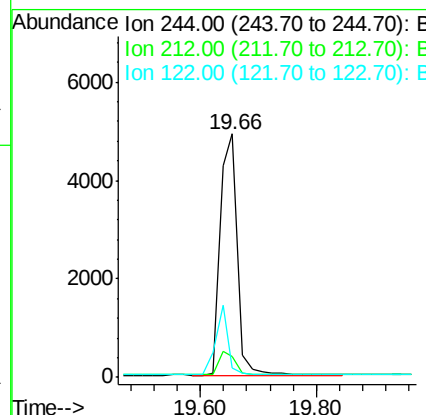
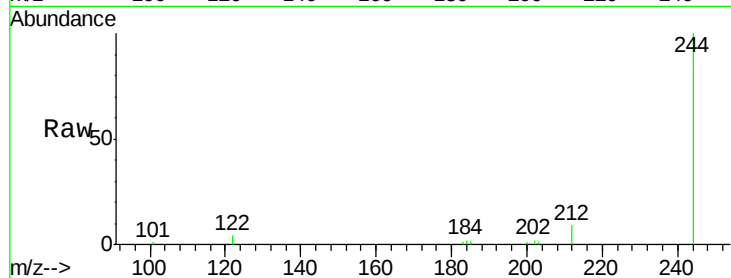




#33
 Terphenyl-d14
 Concen: 1.03 ng
 RT: 19.66 min Scan# 991
 Delta R.T. 0.02 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

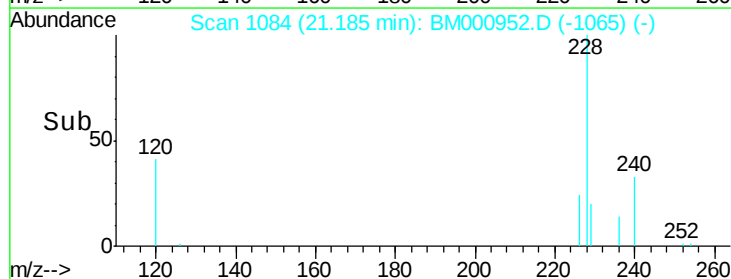
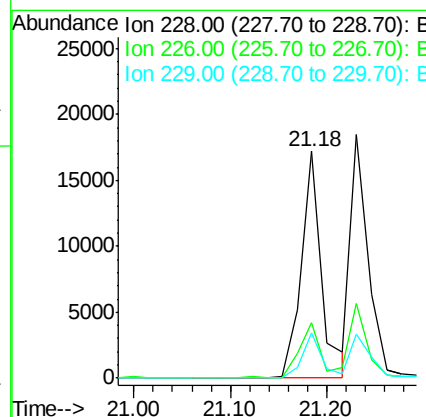
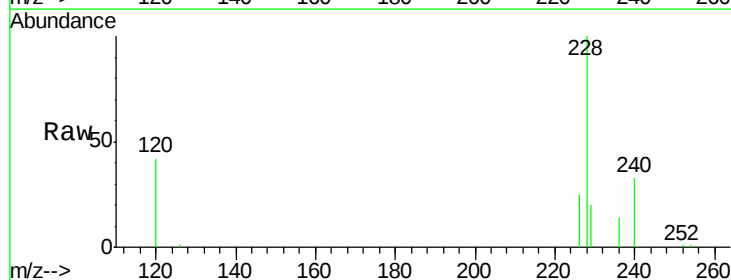
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

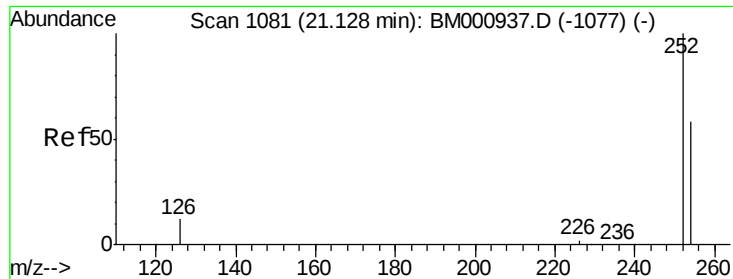
Tgt Ion:244 Resp: 10263
 Ion Ratio Lower Upper
 244 100
 212 8.5 9.4 14.0#
 122 3.9 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 1.05 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

Tgt Ion:228 Resp: 24984
 Ion Ratio Lower Upper
 228 100
 226 24.6 18.9 28.3
 229 20.2 16.8 25.2

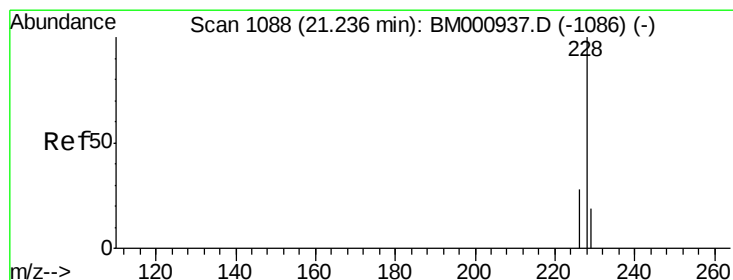
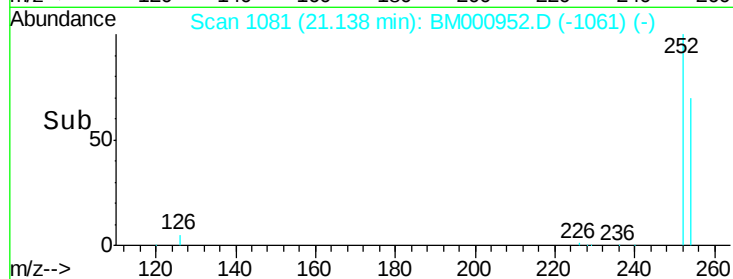
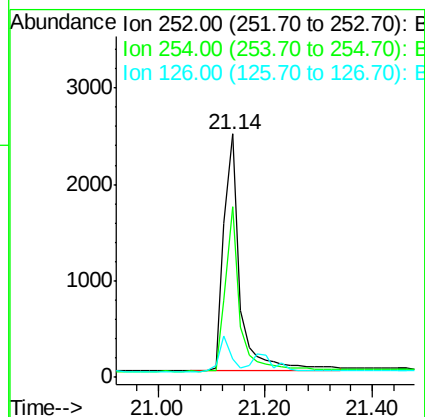
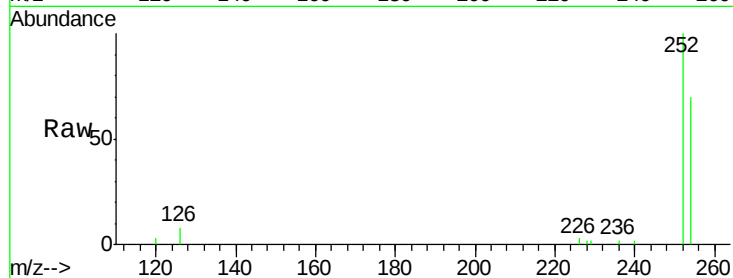




#35
 3,3'-Dichlorobenzidine
 Concen: 0.84 ng
 RT: 21.14 min Scan# 1081
 Delta R.T. 0.02 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

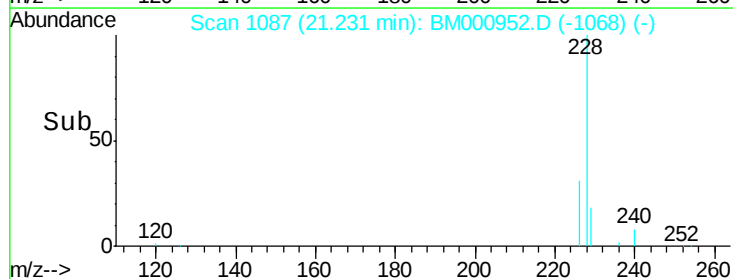
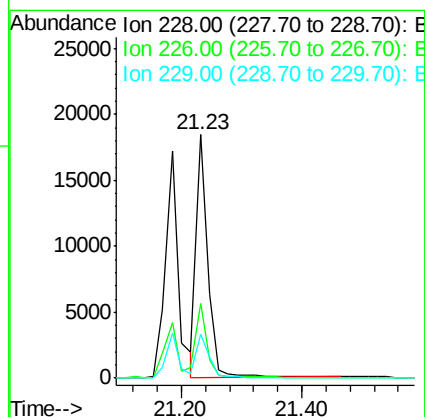
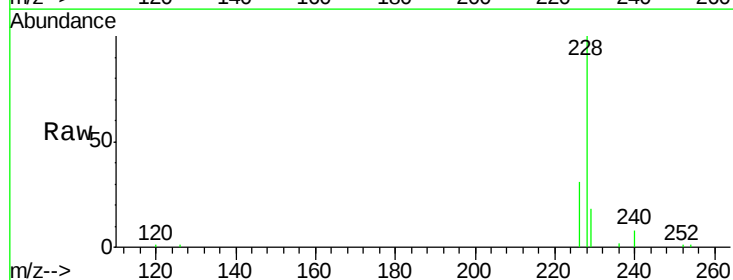
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

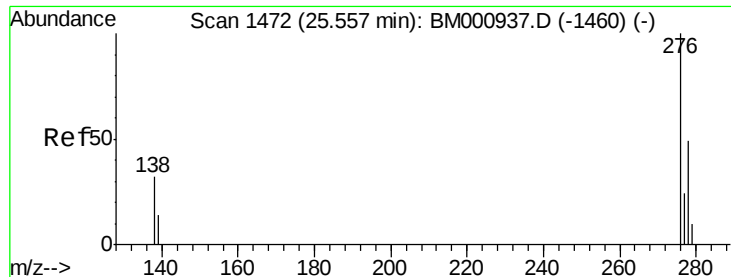
Tgt Ion: 252 Resp: 5177
 Ion Ratio Lower Upper
 252 100
 254 70.2 43.4 65.2#
 126 7.6 12.3 18.5#



#36
 Chrysene
 Concen: 1.01 ng
 RT: 21.23 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

Tgt Ion: 228 Resp: 24363
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.4 35.2
 229 18.1 15.0 22.6

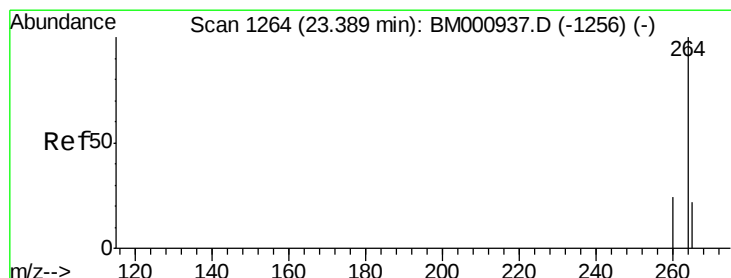
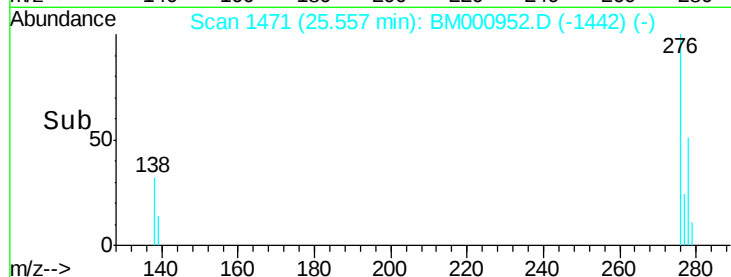
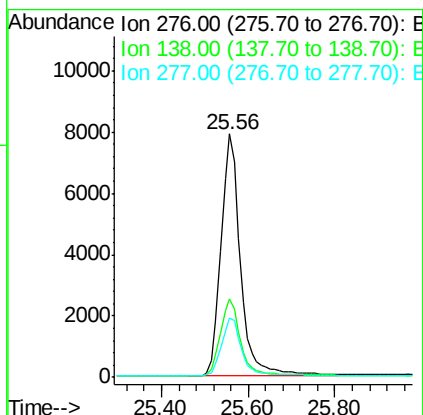
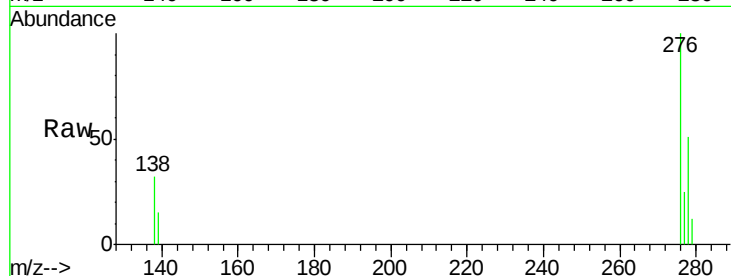




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 1.00 ng
 RT: 25.56 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

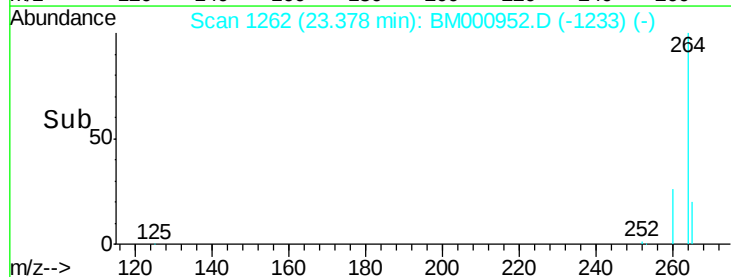
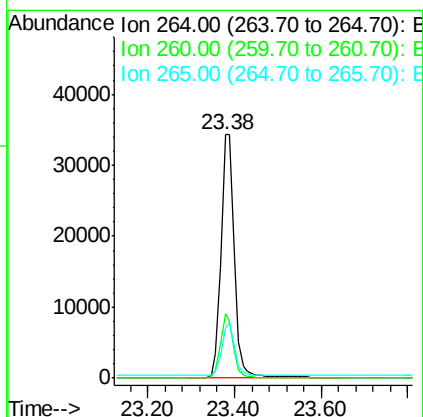
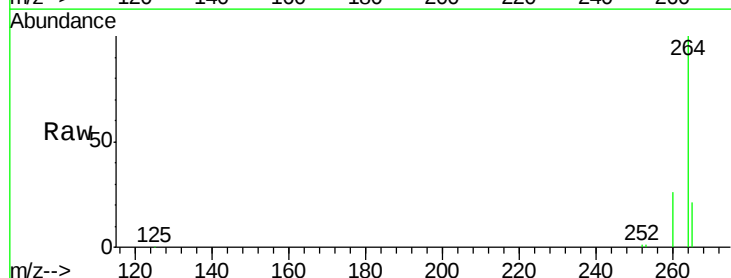
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

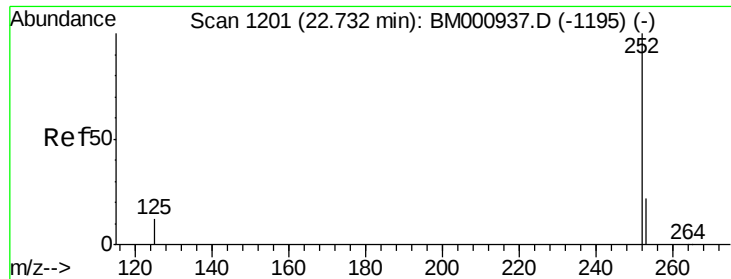
Tgt Ion: 276 Resp: 24643
 Ion Ratio Lower Upper
 276 100
 138 33.0 26.6 40.0
 277 24.6 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.38 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BM000952.D
 Acq: 13 Apr 2015 16:23

Tgt Ion: 264 Resp: 72388
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.6 30.8
 265 20.6 16.4 24.6





#39

Benzo(b)fluoranthene

Concen: 1.11 ng

RT: 22.73 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

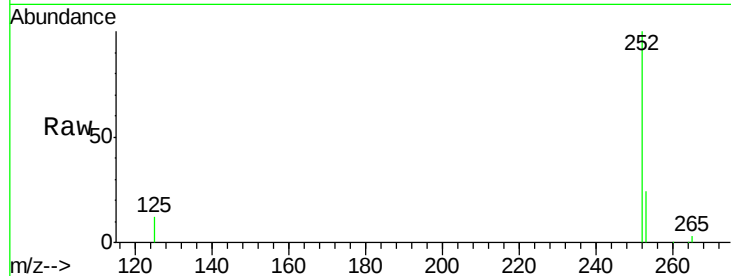
Tgt Ion:252 Resp: 25099

Ion Ratio Lower Upper

252 100

253 24.4 16.9 25.3

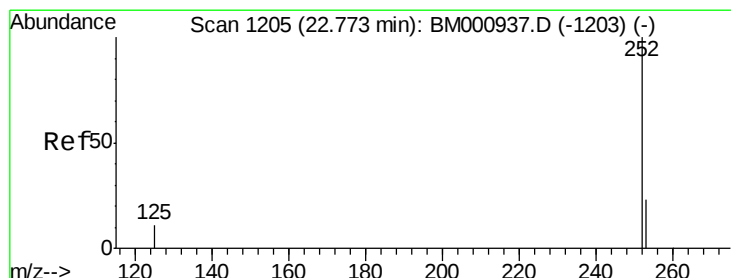
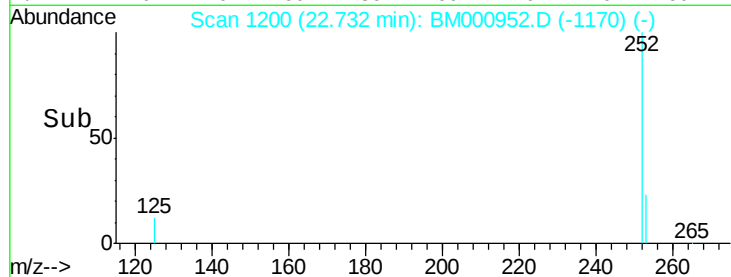
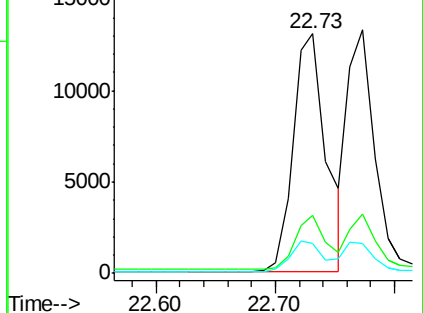
125 12.5 11.3 16.9



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: 1.00 ng

RT: 22.77 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

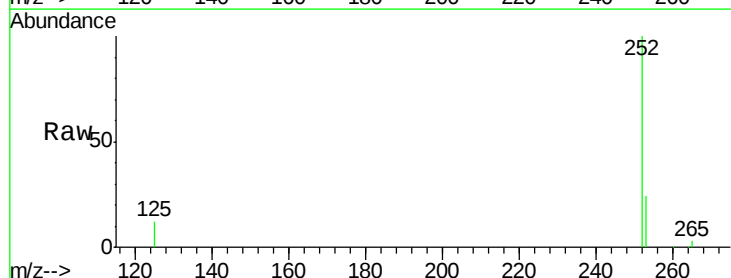
Tgt Ion:252 Resp: 21837

Ion Ratio Lower Upper

252 100

253 24.3 16.9 25.3

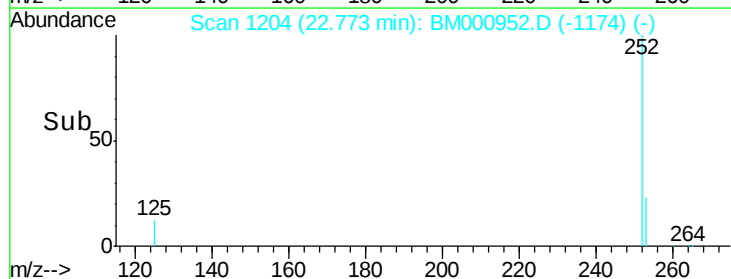
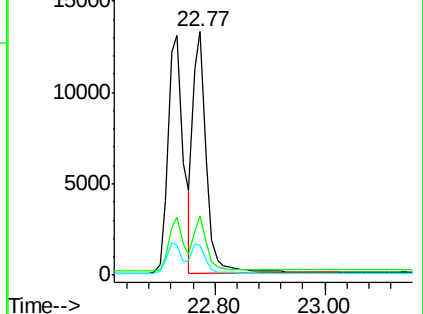
125 12.5 11.2 16.8

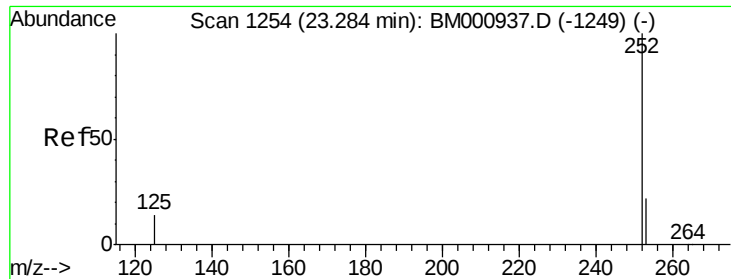


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.28 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

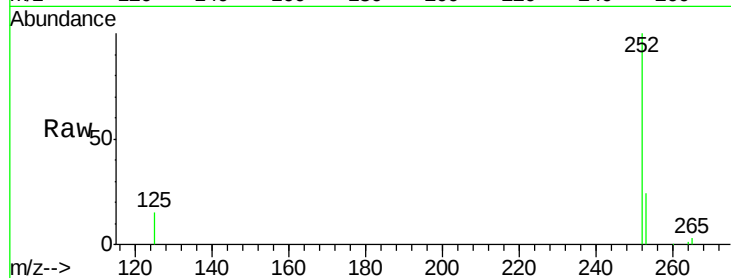
Tgt Ion:252 Resp: 20166

Ion Ratio Lower Upper

252 100

253 23.9 19.0 28.4

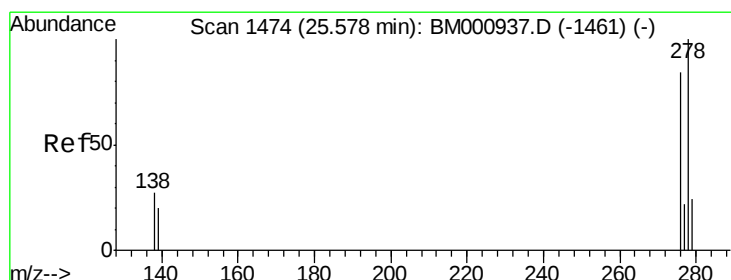
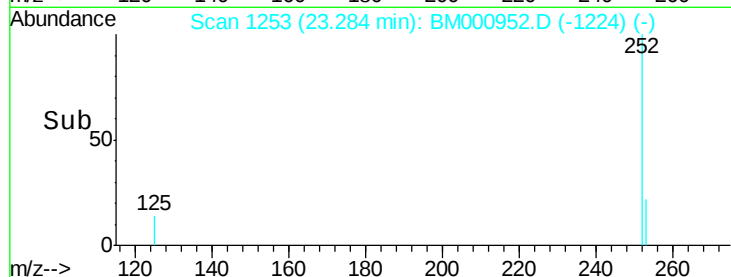
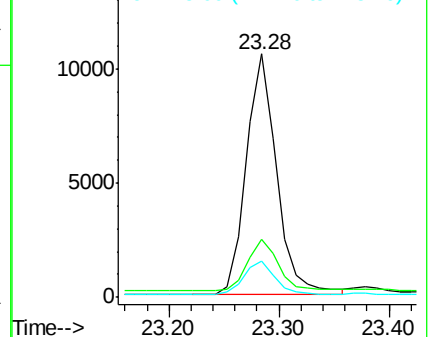
125 14.8 11.0 16.6



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: 1.01 ng

RT: 25.57 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BM000952.D

Acq: 13 Apr 2015 16:23

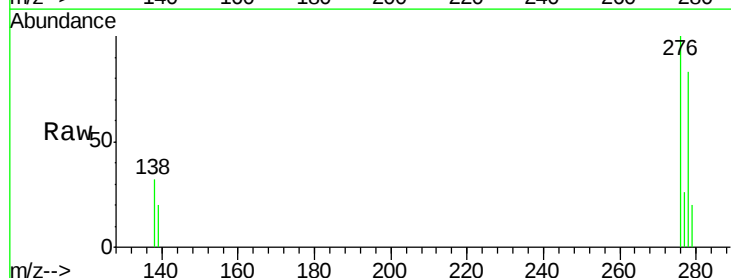
Tgt Ion:278 Resp: 18733

Ion Ratio Lower Upper

278 100

139 23.8 17.8 26.8

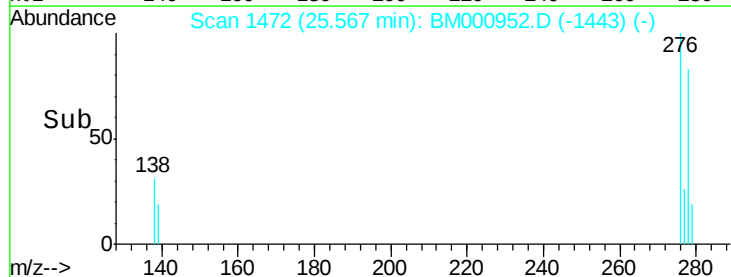
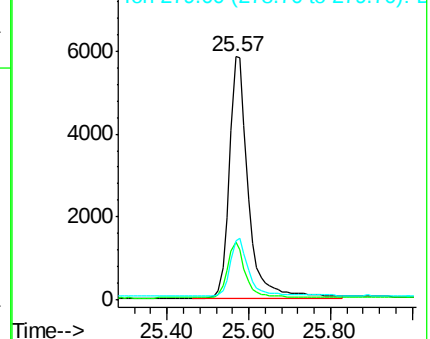
279 24.3 19.0 28.6

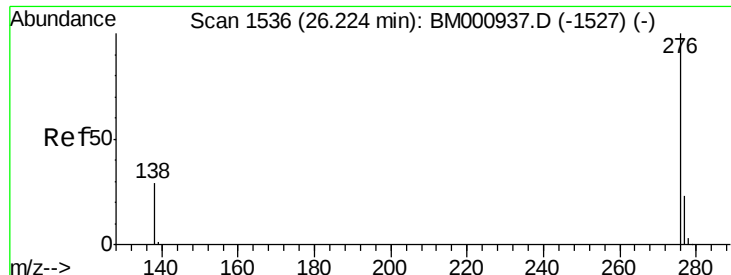


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.06 ng

RT: 26.22 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM000952.D

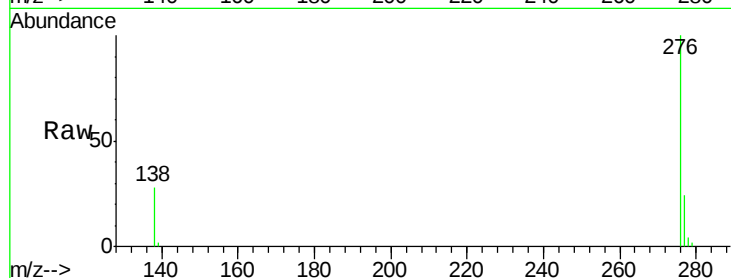
Acq: 13 Apr 2015 16:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 21618

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 27.6 21.7 32.5

