

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000944.D
 Acq On : 10 Apr 2015 18:02
 Operator : TP/IZ
 Sample : G1757-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW01

Quant Time: Apr 10 23:22:18 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 23:03:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	26492	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	99102	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	50883	5.00	ng	0.00
24) Phenanthrene-d10	17.00	188	102980	5.00	ng	0.00
30) Chrysene-d12	21.21	240	85216	5.00	ng	0.00
38) Perylene-d12	23.39	264	76611	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	24036	4.29	ng	0.02
5) Phenol-d6	6.78	99	18551	2.76	ng	0.00
9) Nitrobenzene-d5	8.76	82	35278	7.37	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	20815	9.84	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	121176	8.50	ng	0.00
33) Terphenyl-d14	19.65	244	119880	11.56	ng	0.00

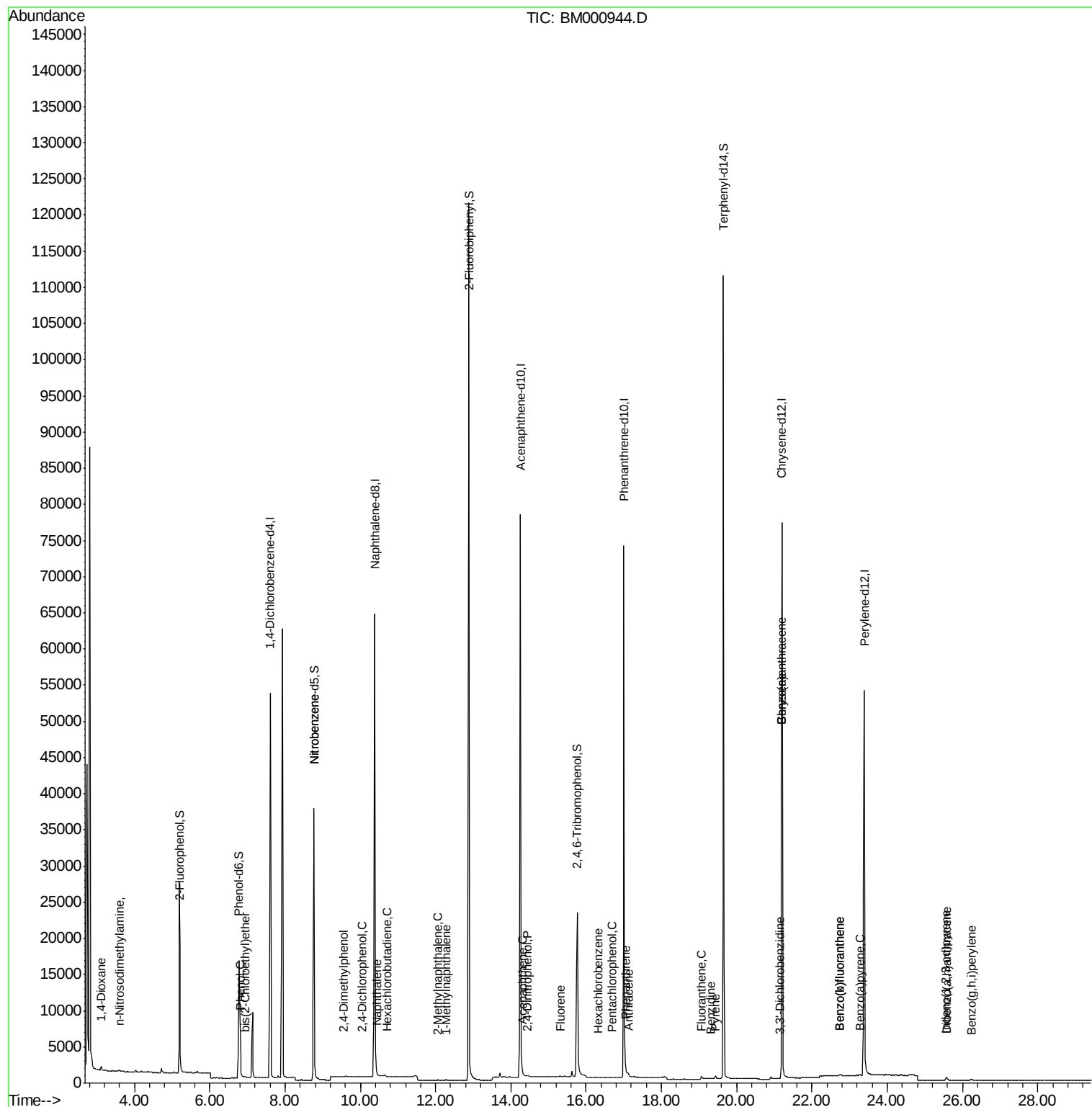
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1090	0.36	ng	# 48
3) n-Nitrosodimethylamine	3.60	42	97	0.04	ng	# 1
6) Phenol	6.82	94	4295	0.62	ng	95
7) bis(2-Chloroethyl)ether	6.95	93	104	0.02	ng	71
10) Nitrobenzene	8.76	77	124	0.20	ng	# 63
11) 2,4-Dimethylphenol	9.56	122	64	0.01	ng	# 74
12) 2,4-Dichlorophenol	10.05	162	20	0.00	ng	# 48
13) Naphthalene	10.44	128	649	0.03	ng	# 62
14) Hexachlorobutadiene	10.71	225	23	0.01	ng	# 53
15) 2-Methylnaphthalene	12.07	142	134	0.01	ng	# 69
16) 1-Methylnaphthalene	12.29	142	177	0.01	ng	89
20) Acenaphthylene	13.97	152	66	Below Cal		# 1
21) Acenaphthene	14.31	154	515	0.04	ng	# 60
22) 2,4-Dinitrophenol	14.43	184	9	0.21	ng	# 8
23) Fluorene	15.30	166	184	0.01	ng	# 42
25) Hexachlorobenzene	16.33	284	9	0.00	ng	# 1
26) Pentachlorophenol	16.68	266	62	0.20	ng	# 68
27) Phenanthrene	17.05	178	601	0.02	ng	# 64
28) Anthracene	17.13	178	193	0.01	ng	# 1
29) Fluoranthene	19.06	202	506	0.02	ng	# 53
31) Benzidine	19.30	184	80	0.03	ng	# 1
32) Pyrene	19.44	202	438	0.02	ng	# 66
34) Benzo(a)anthracene	21.19	228	657	0.03	ng	# 70
35) 3,3'-Dichlorobenzidine	21.14	252	74	0.31	ng	# 20
36) Chrysene	21.19	228	657	0.03	ng	# 77
37) Indeno(1,2,3-cd)pyrene	25.57	276	448	0.02	ng	94
39) Benzo(b)fluoranthene	22.73	252	257	0.01	ng	# 1
40) Benzo(k)fluoranthene	22.73	252	257	0.01	ng	# 1
41) Benzo(a)pyrene	23.28	252	178	0.01	ng	# 1
42) Dibenzo(a,h)anthracene	25.59	278	472	0.02	ng	# 8
43) Benzo(g,h,i)perylene	26.23	276	274	0.01	ng	# 24

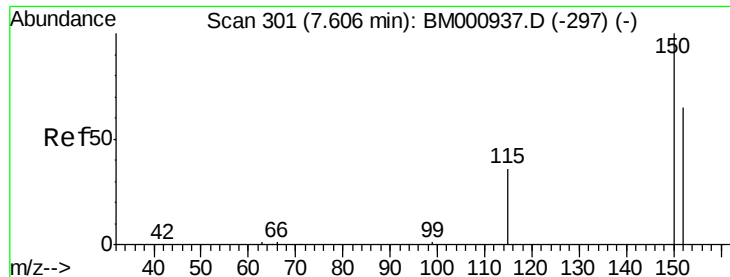
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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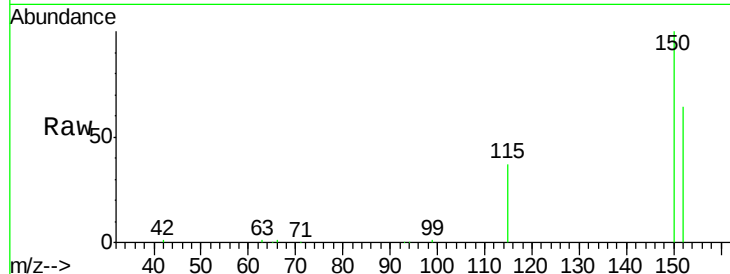


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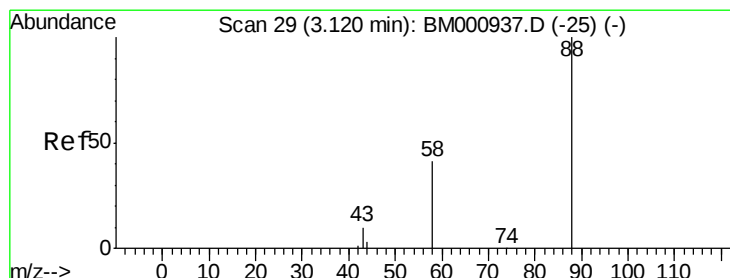
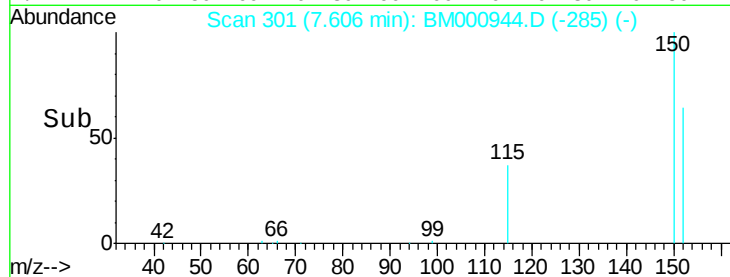
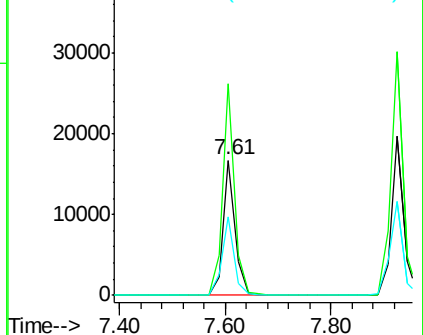
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Instrument :
BNA_M
ClientSampleId :
LS-SW01

Tgt Ion: 152 Resp: 26492
Ion Ratio Lower Upper
152 100
150 156.7 125.4 188.2
115 57.7 45.9 68.9



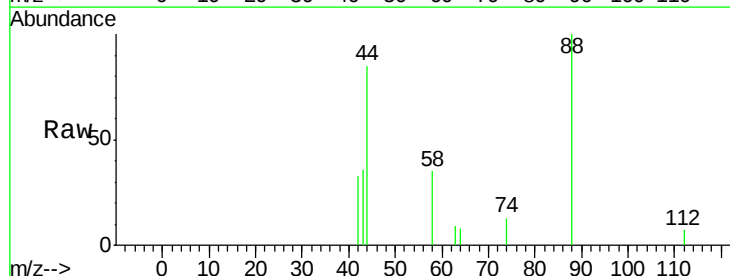
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



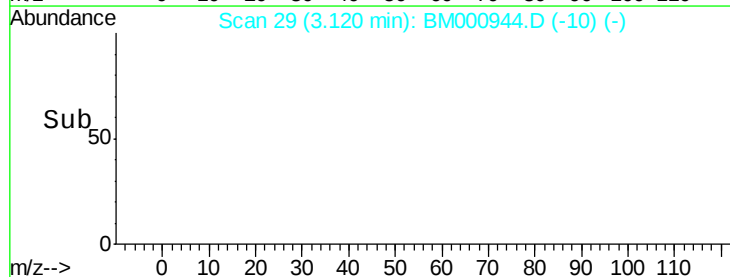
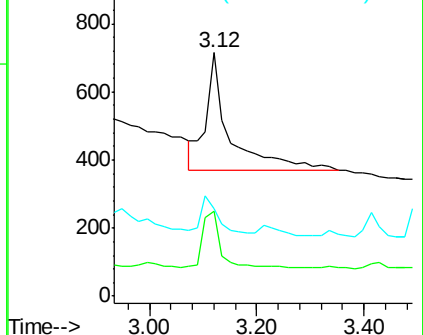
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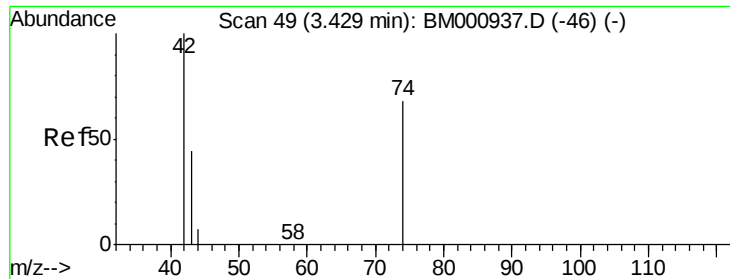
1,4-Dioxane
Concen: 0.36 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion: 88 Resp: 1090
Ion Ratio Lower Upper
88 100
58 35.7 63.0 94.6#
43 0.0 27.0 40.4#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

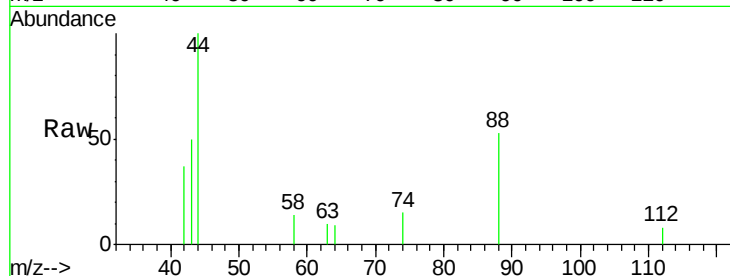




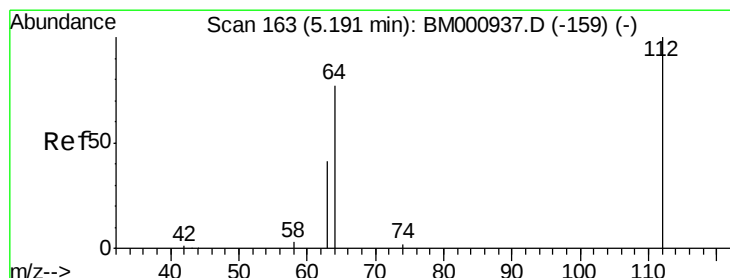
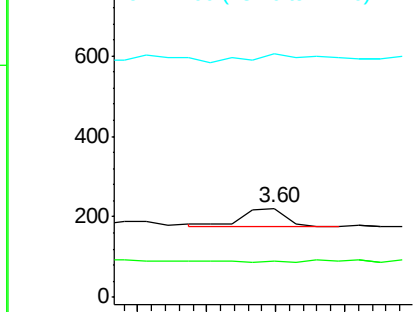
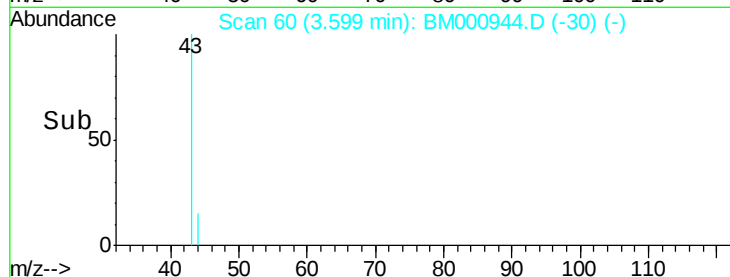
#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.60 min Scan# 60
Delta R.T. 0.17 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Instrument :
BNA_M
ClientSampleId :
LS-SW01

Tgt Ion: 42 Resp: 97
Ion Ratio Lower Upper
42 100
74 40.7 26.0 39.0#
44 273.8 29.0 43.4#

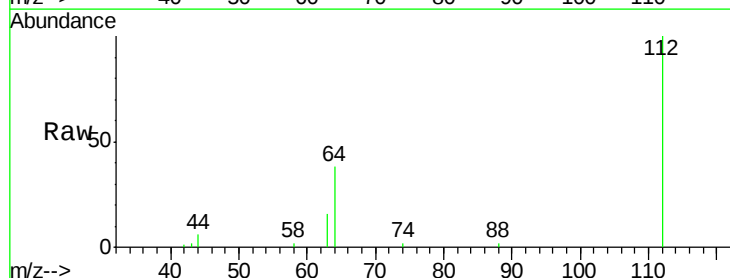


Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0

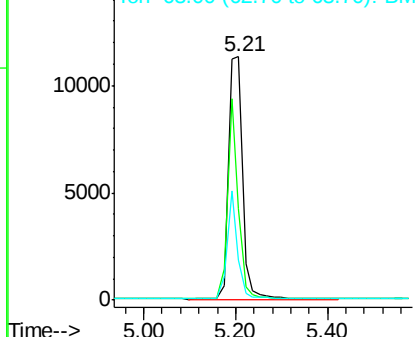
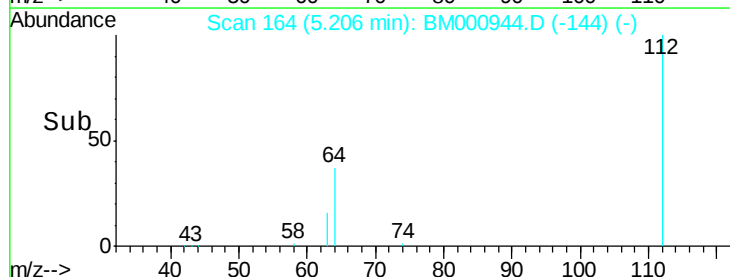


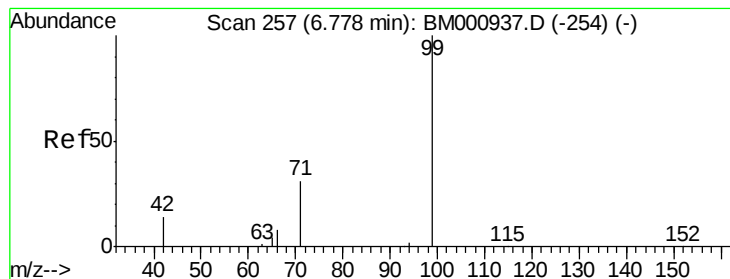
#4
2-Fluorophenol
Concen: 4.29 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.02 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion: 112 Resp: 24036
Ion Ratio Lower Upper
112 100
64 37.6 31.8 47.8
63 16.4 14.5 21.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.76 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

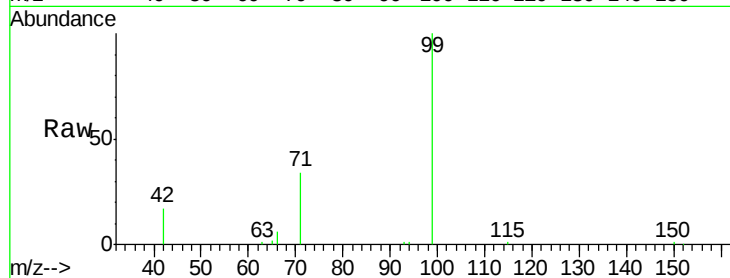
Tgt Ion: 99 Resp: 18551

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

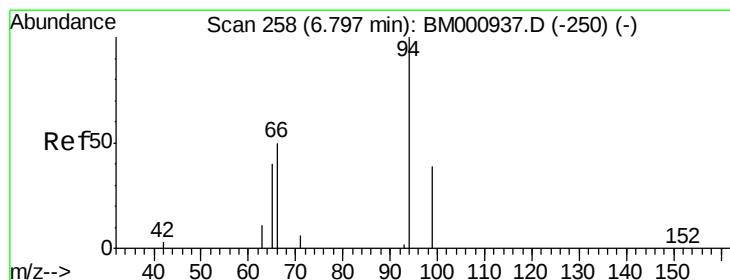
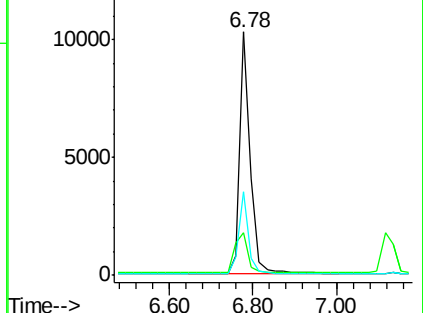
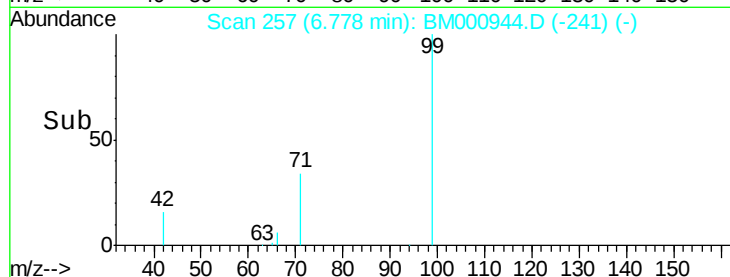
71 34.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000944.D (-241) (-)

Ion 42.00 (41.70 to 42.70): BM000944.D (-241) (-)

Ion 71.00 (70.70 to 71.70): BM000944.D (-241) (-)



#6

Phenol

Concen: 0.62 ng

RT: 6.82 min Scan# 259

Delta R.T. 0.02 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

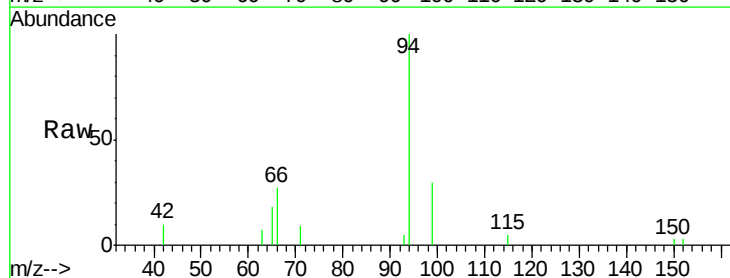
Tgt Ion: 94 Resp: 4295

Ion Ratio Lower Upper

94 100

65 18.0 0.0 36.0

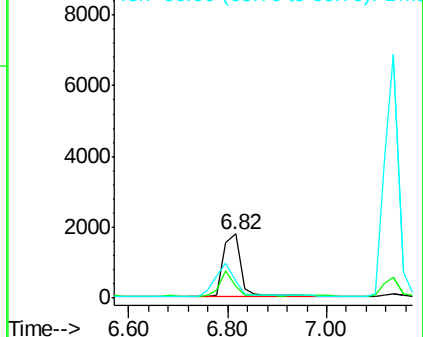
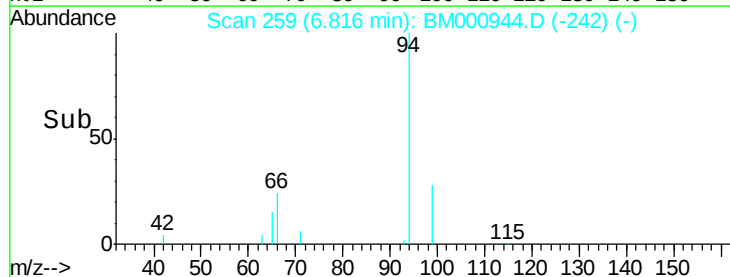
66 26.6 3.7 43.7

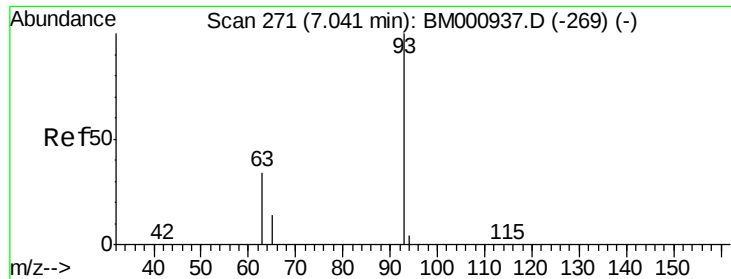


Abundance Ion 94.00 (93.70 to 94.70): BM000944.D (-242) (-)

Ion 65.00 (64.70 to 65.70): BM000944.D (-242) (-)

Ion 66.00 (65.70 to 66.70): BM000944.D (-242) (-)





#7

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 6.95 min Scan# 266

Delta R.T. -0.09 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

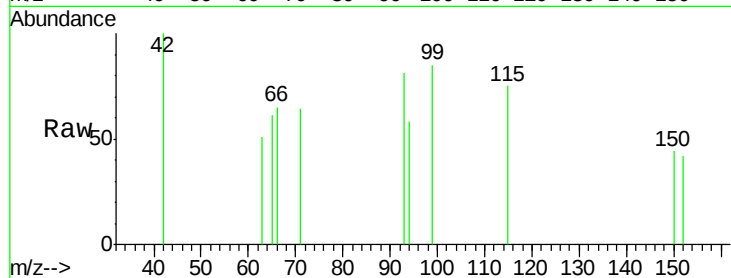
Tgt Ion: 93 Resp: 104

Ion Ratio Lower Upper

93 100

63 62.5 24.0 64.0

95 0.0 0.0 20.0

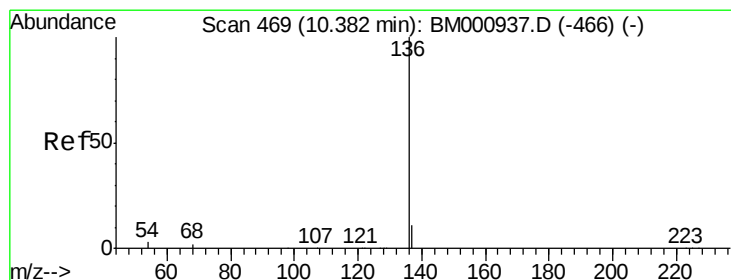
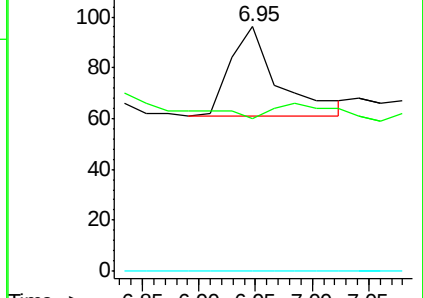
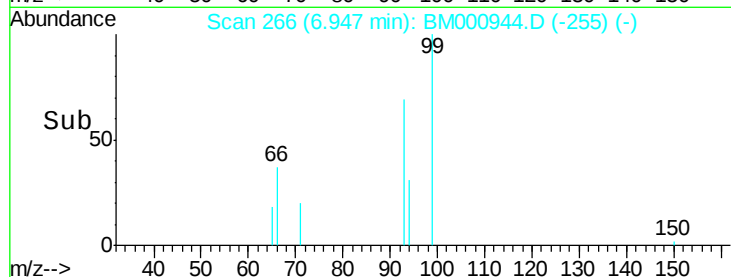


Abundance Ion 93.00 (92.70 to 93.70): BM000937.D (-269) (-)

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

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

Time-->



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Tgt Ion: 136 Resp: 99102

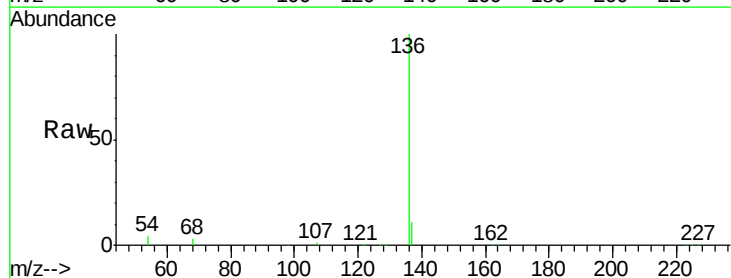
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 3.9 2.9 4.3

68 2.9 2.2 3.2



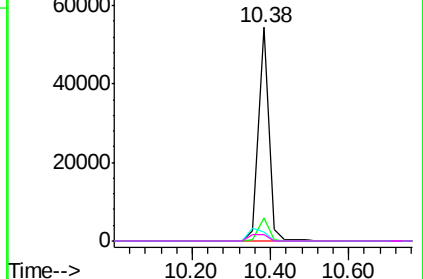
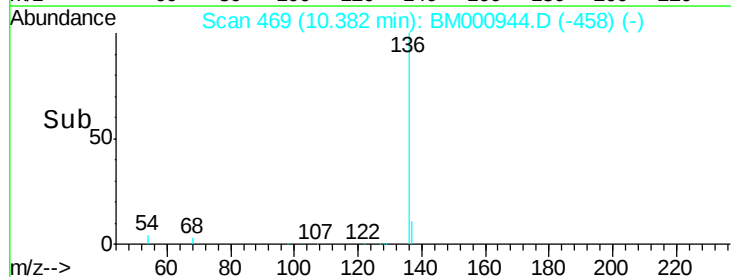
Abundance Ion 136.00 (135.70 to 136.70): BM000937.D (-466) (-)

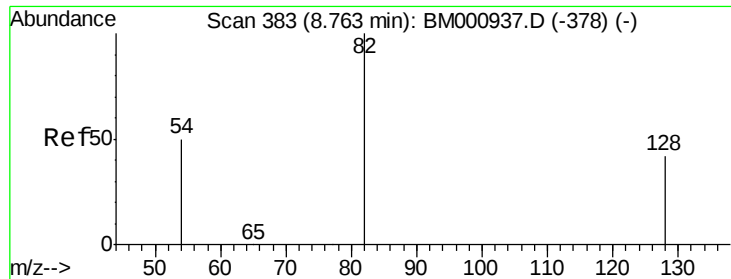
Ion 137.00 (136.70 to 137.70): BM000937.D (-466) (-)

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

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

Time-->

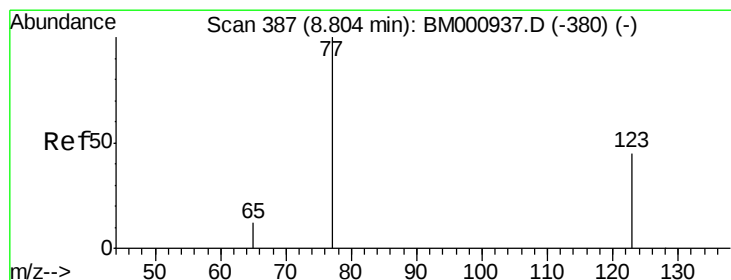
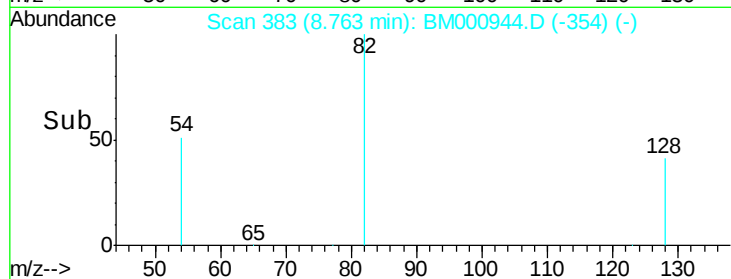
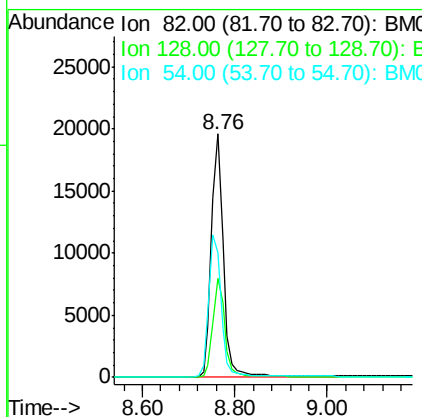
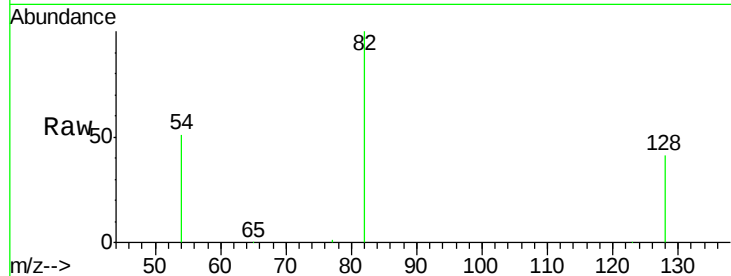




#9
Nitrobenzene-d5
Concen: 7.37 ng
RT: 8.76 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

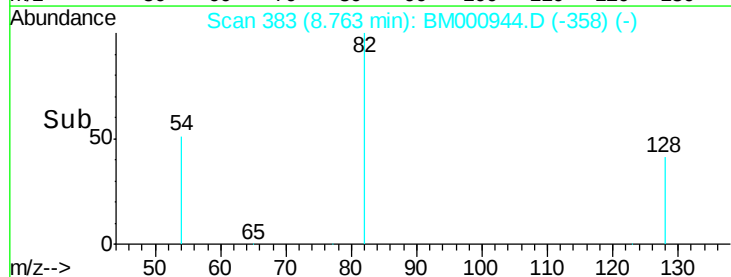
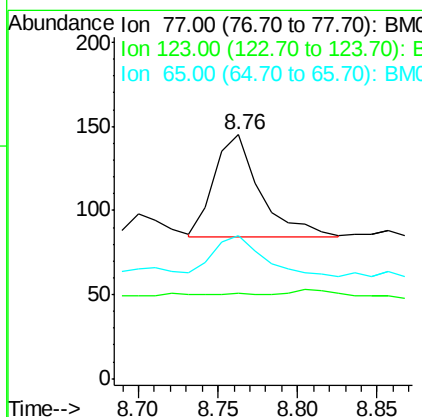
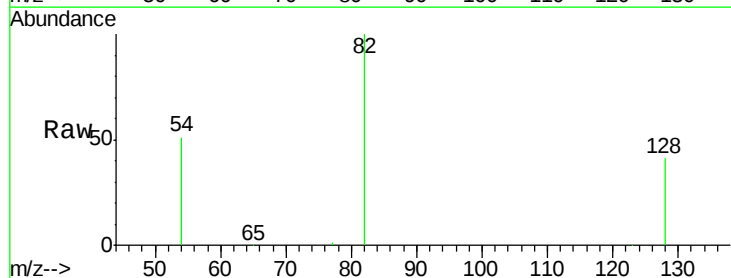
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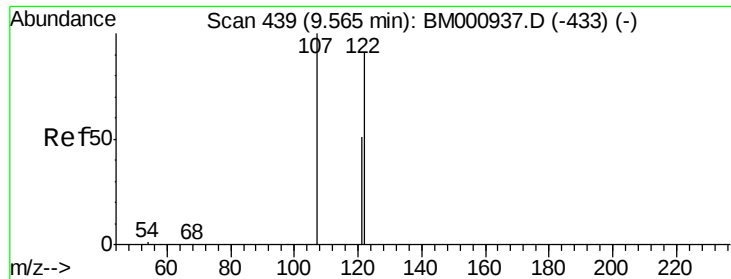
Tgt Ion: 82 Resp: 35278
Ion Ratio Lower Upper
82 100
128 40.7 33.4 50.0
54 51.4 40.5 60.7



#10
Nitrobenzene
Concen: 0.20 ng
RT: 8.76 min Scan# 383
Delta R.T. -0.04 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion: 77 Resp: 124
Ion Ratio Lower Upper
77 100
123 35.2 35.0 52.6
65 58.6 10.7 16.1#

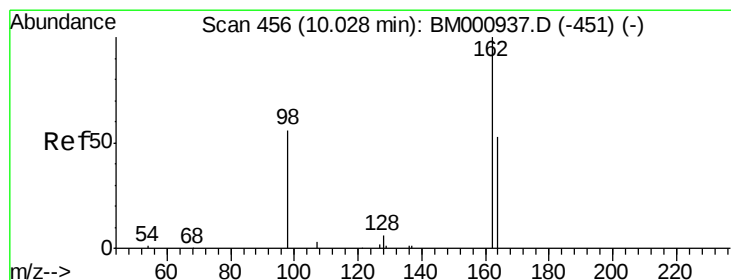
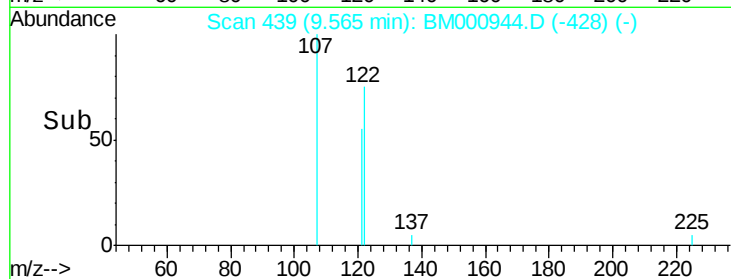
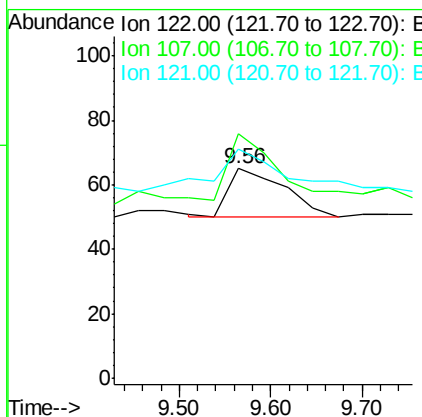
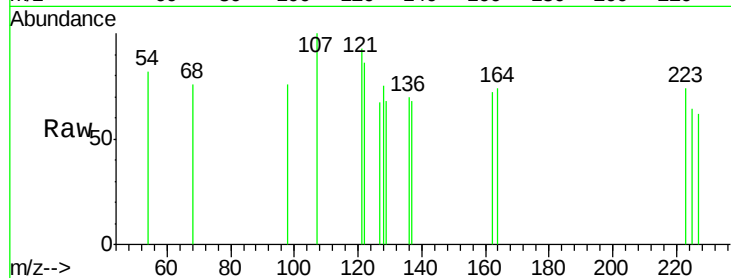




#11
 2,4-Dimethylphenol
 Concen: 0.01 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

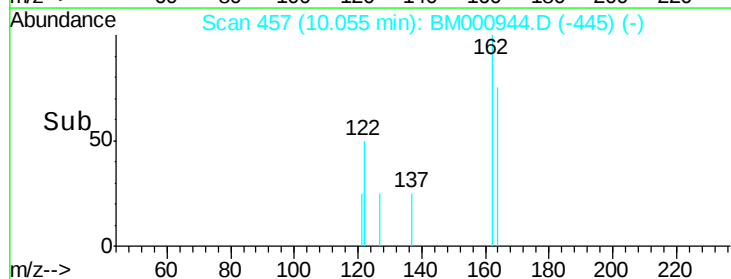
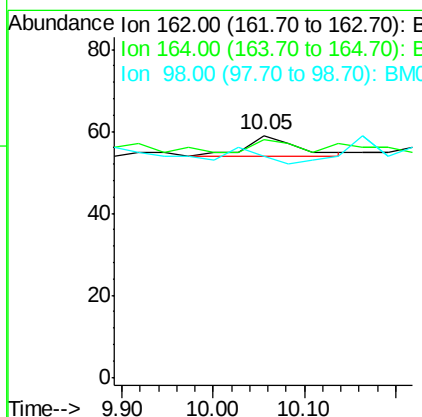
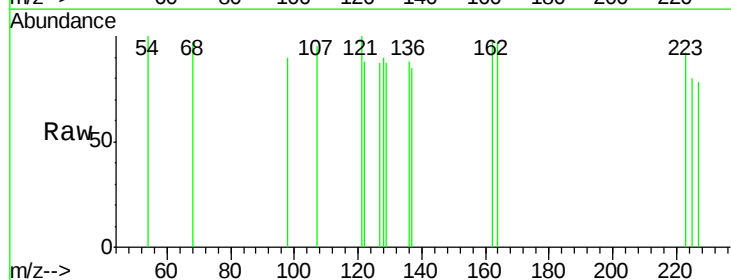
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW01

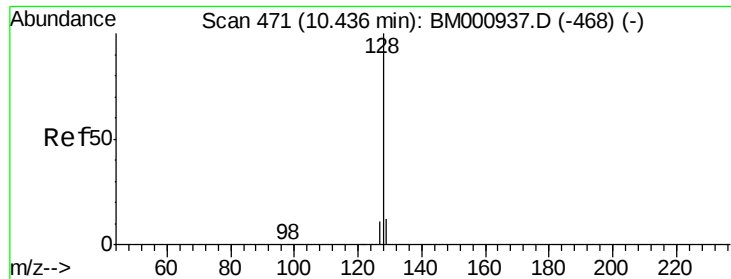
Tgt Ion:122 Resp: 64
 Ion Ratio Lower Upper
 122 100
 107 116.9 89.8 134.6
 121 109.2 46.6 70.0#



#12
 2,4-Dichlorophenol
 Concen: 0.00 ng
 RT: 10.05 min Scan# 457
 Delta R.T. 0.03 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

Tgt Ion:162 Resp: 20
 Ion Ratio Lower Upper
 162 100
 164 98.3 32.5 72.5#
 98 91.5 40.5 80.5#

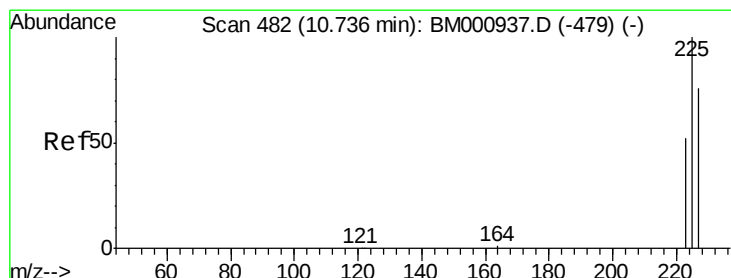
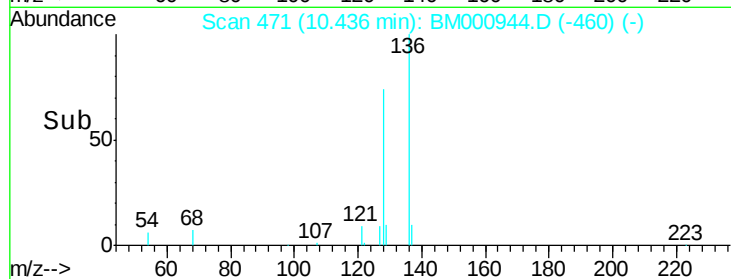
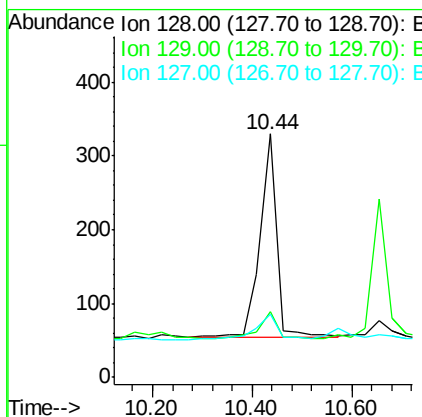
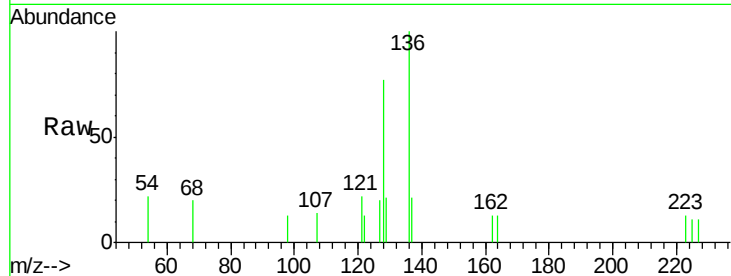




#13
Naphthalene
Concen: 0.03 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

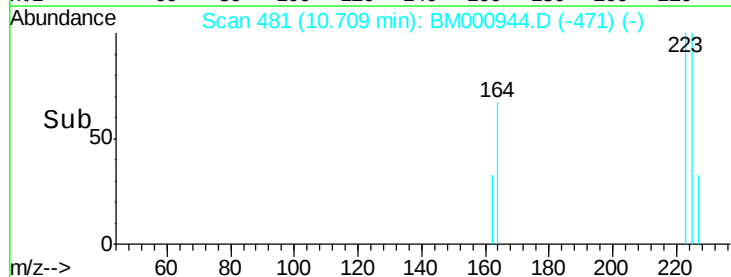
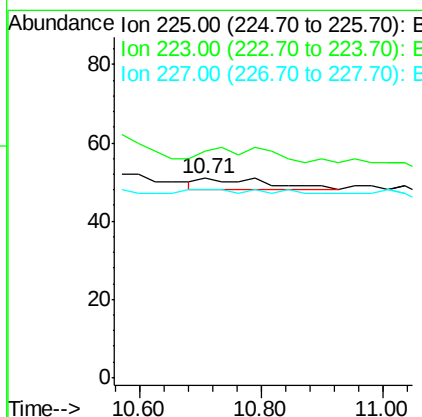
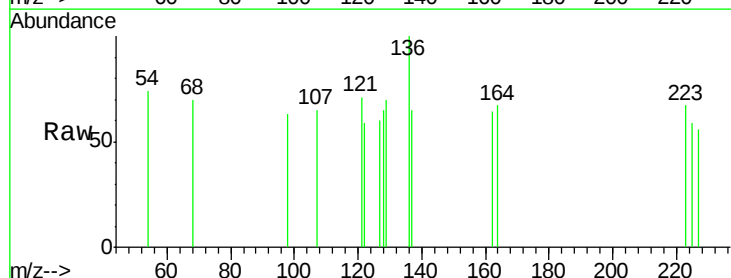
Instrument :
BNA_M
ClientSampleId :
LS-SW01

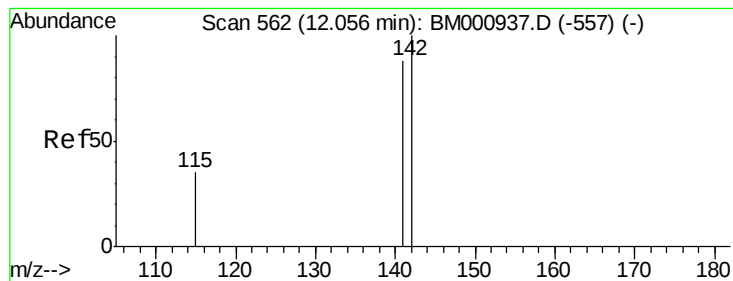
Tgt Ion:128 Resp: 649
Ion Ratio Lower Upper
128 100
129 27.0 9.8 14.6#
127 25.8 9.1 13.7#



#14
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.71 min Scan# 481
Delta R.T. -0.03 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:225 Resp: 23
Ion Ratio Lower Upper
225 100
223 113.7 42.2 63.2#
227 94.1 61.4 92.2#





#15

2-Methylnaphthalene

Concen: 0.01 ng

RT: 12.07 min Scan# 563

Delta R.T. 0.01 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

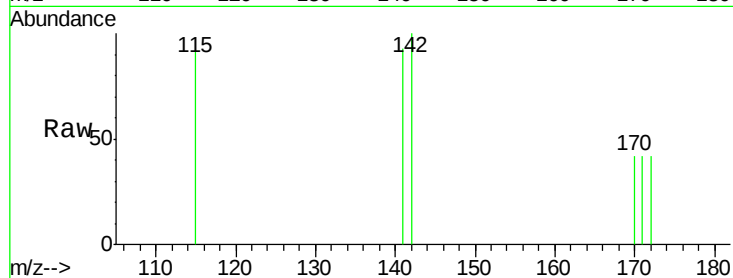
Tgt Ion:142 Resp: 134

Ion Ratio Lower Upper

142 100

141 92.9 71.2 106.8

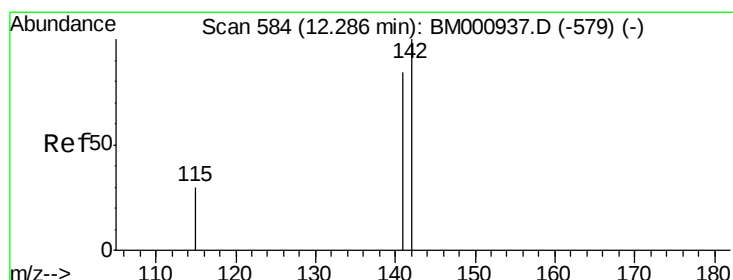
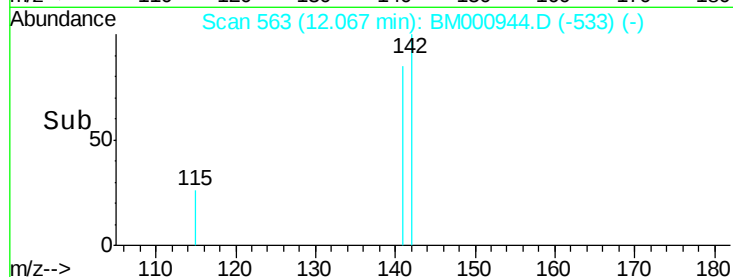
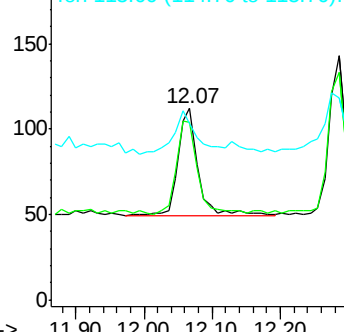
115 92.0 28.3 42.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#16

1-Methylnaphthalene

Concen: 0.01 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

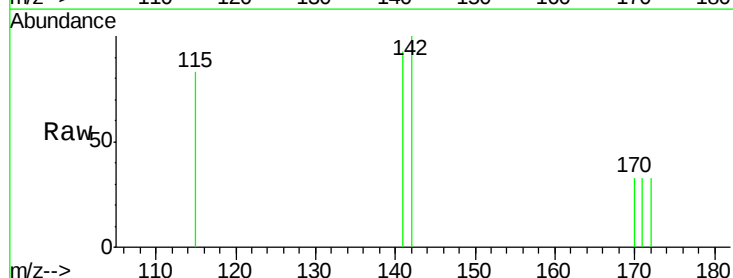
Tgt Ion:142 Resp: 177

Ion Ratio Lower Upper

142 100

141 93.0 66.7 100.1

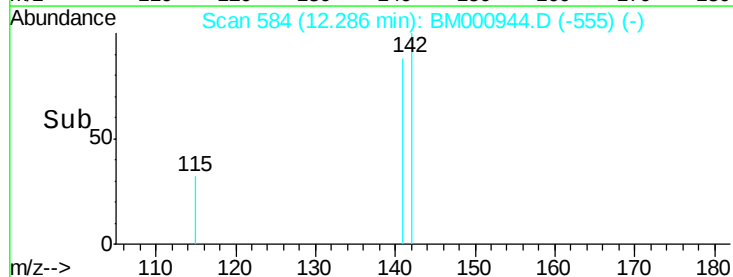
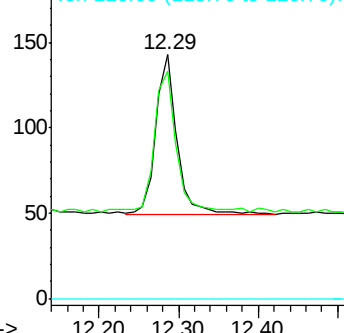
116 0.0 0.0 0.0

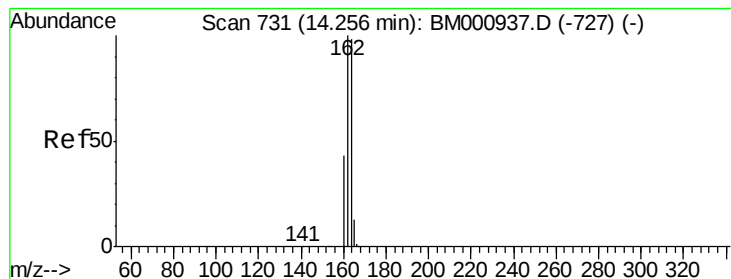


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

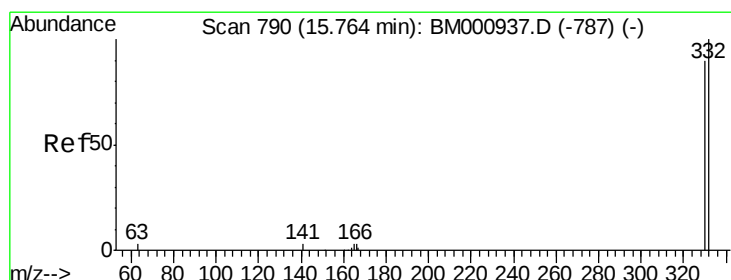
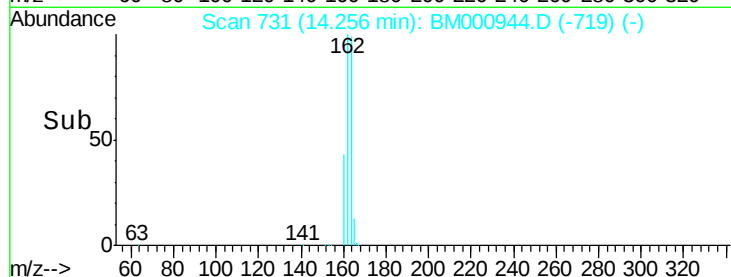
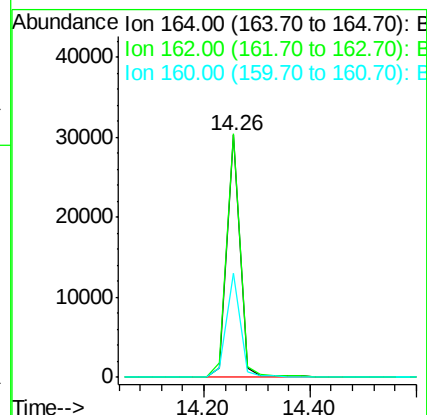
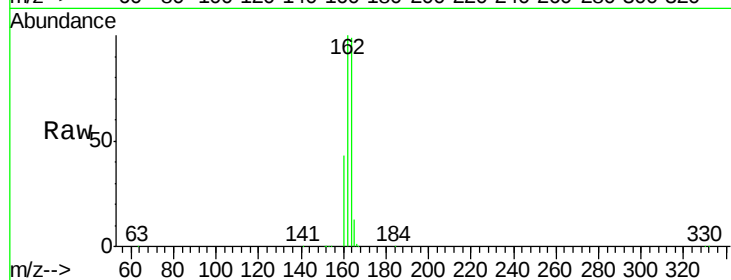
Tgt Ion:164 Resp: 50883

Ion Ratio Lower Upper

164 100

162 100.6 96.1 144.1

160 43.1 48.2 72.2#



#18

2,4,6-Tribromophenol

Concen: 9.84 ng

RT: 15.76 min Scan# 790

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

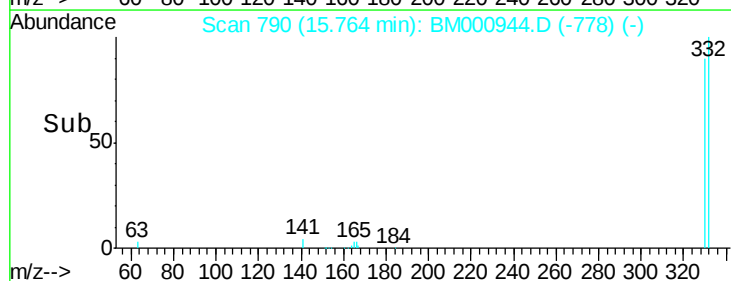
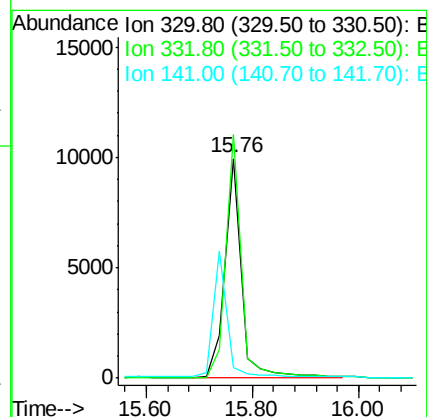
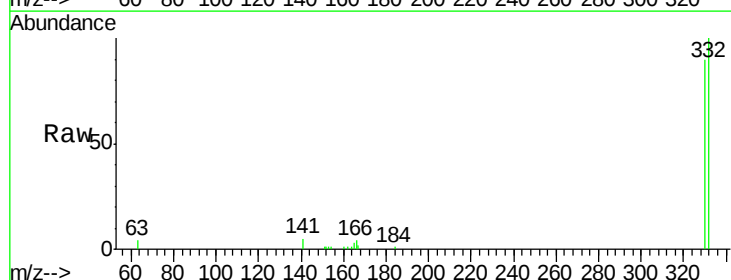
Tgt Ion:330 Resp: 20815

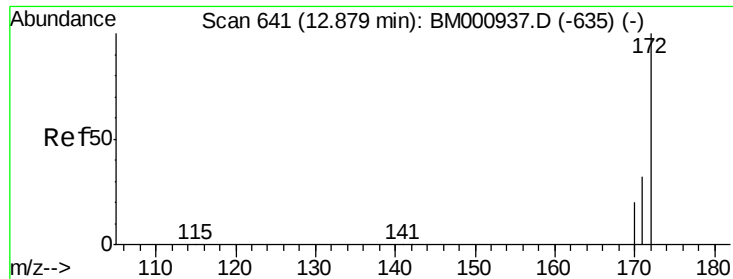
Ion Ratio Lower Upper

330 100

332 103.4 75.4 113.2

141 0.0 0.0 0.0

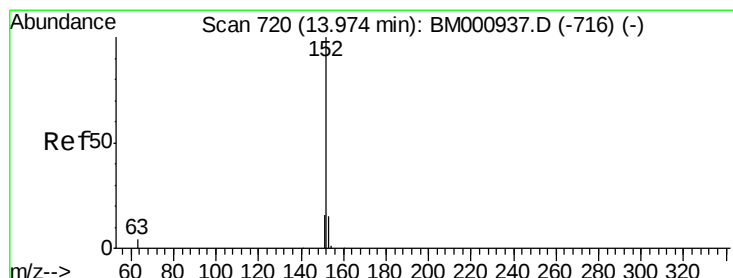
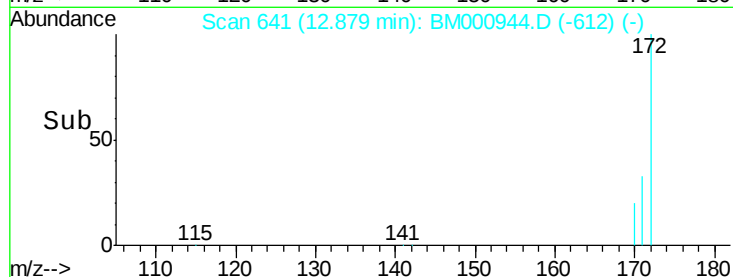
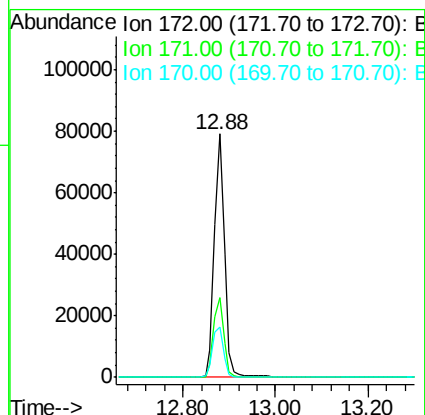
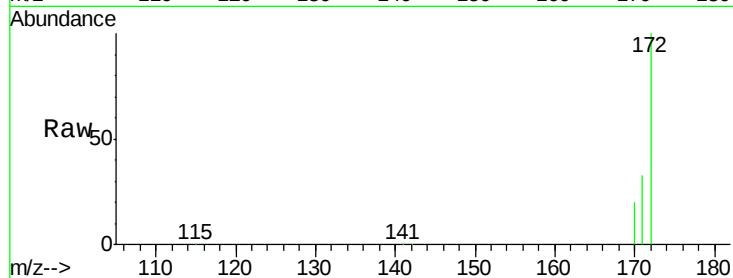




#19
2-Fluorobiphenyl
Concen: 8.50 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

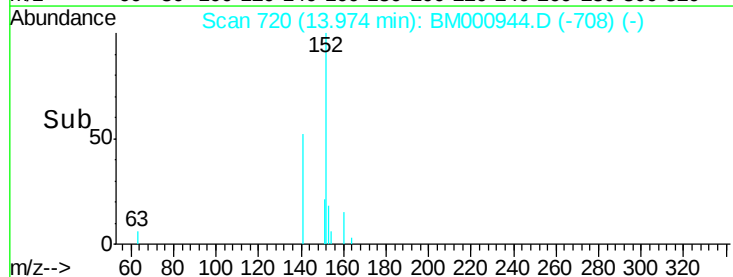
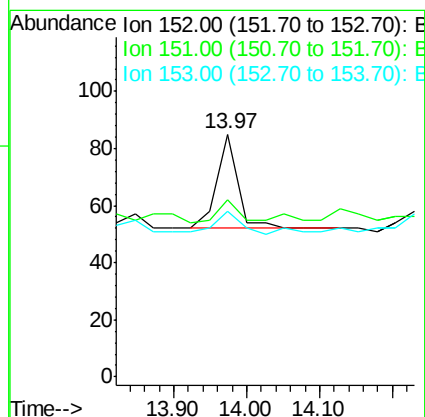
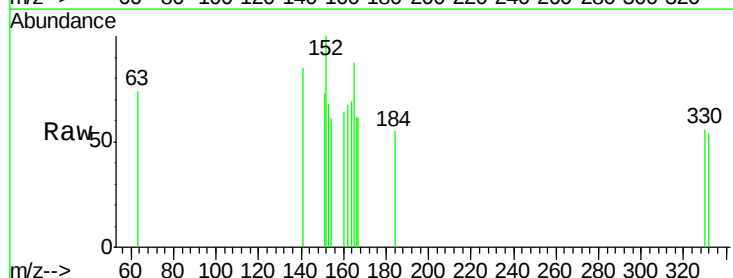
Instrument :
BNA_M
ClientSampleId :
LS-SW01

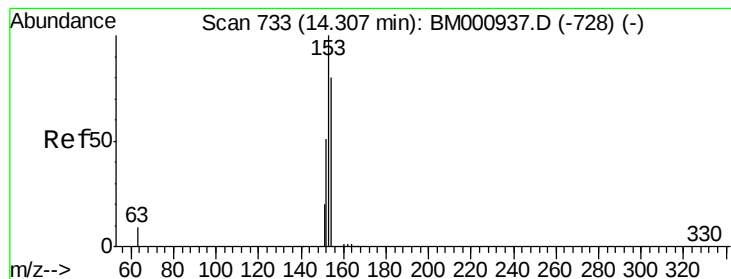
Tgt Ion:172 Resp: 121176
Ion Ratio Lower Upper
172 100
171 32.7 26.7 40.1
170 20.5 17.0 25.4



#20
Acenaphthylene
Concen: Below Cal
RT: 13.97 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:152 Resp: 66
Ion Ratio Lower Upper
152 100
151 72.9 15.4 23.0#
153 68.2 10.2 15.2#





#21

Acenaphthene

Concen: 0.04 ng

RT: 14.31 min Scan# 733

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

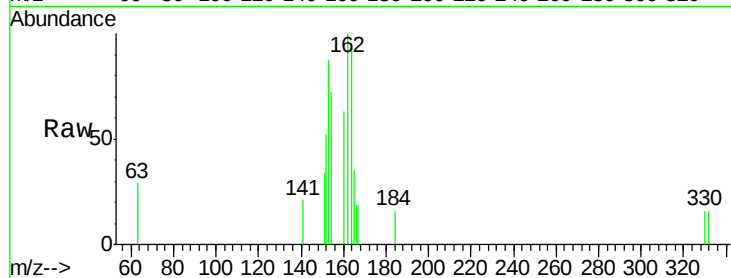
Tgt Ion:154 Resp: 515

Ion Ratio Lower Upper

154 100

153 121.2 73.7 110.5#

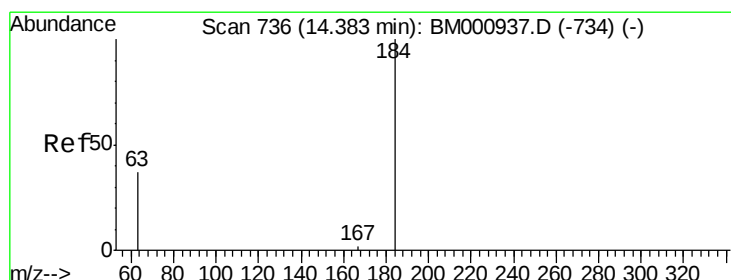
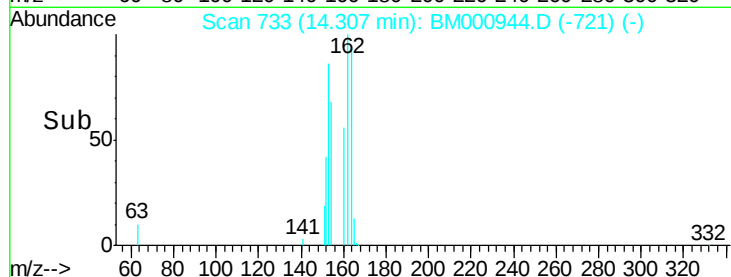
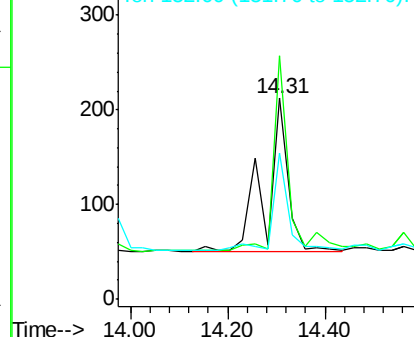
152 73.1 29.0 43.6#



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: 0.21 ng

RT: 14.43 min Scan# 738

Delta R.T. 0.05 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

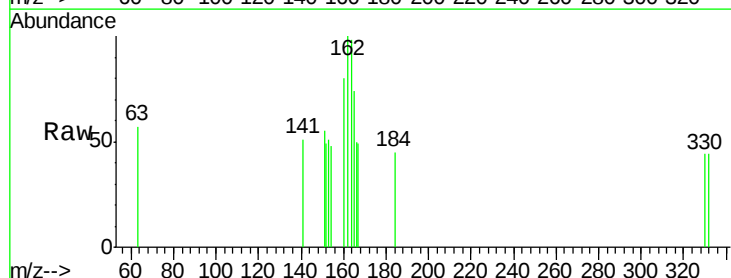
Tgt Ion:184 Resp: 9

Ion Ratio Lower Upper

184 100

63 126.5 39.0 58.4#

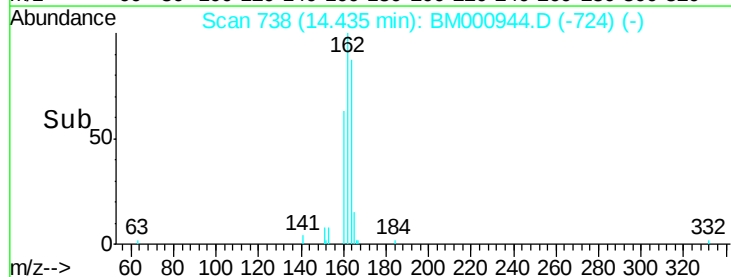
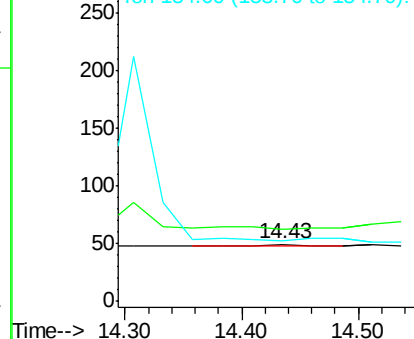
154 106.1 43.8 65.8#

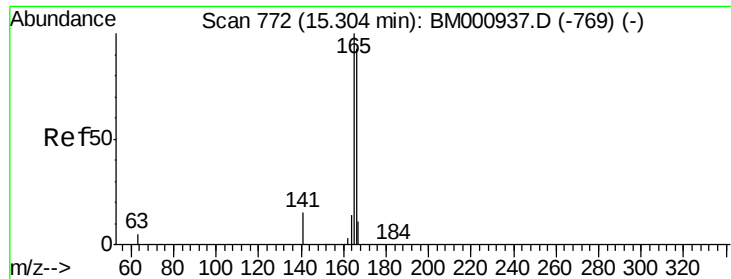


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#23

Fluorene

Concen: 0.01 ng

RT: 15.30 min Scan# 772

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

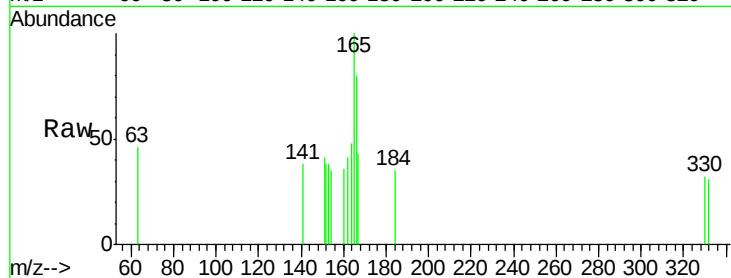
Tgt Ion:166 Resp: 184

Ion Ratio Lower Upper

166 100

165 125.0 63.7 95.5#

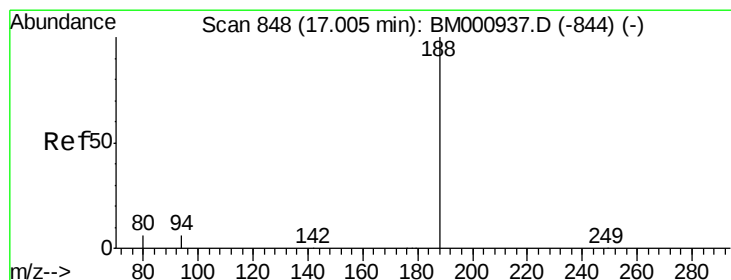
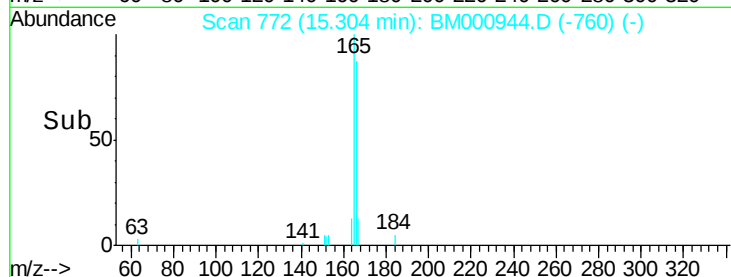
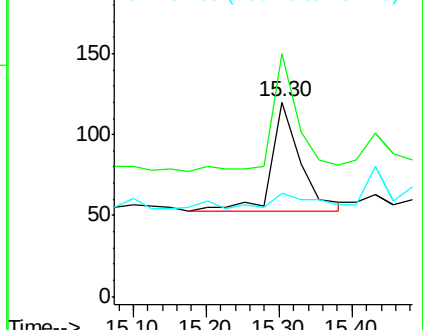
167 53.3 12.7 19.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

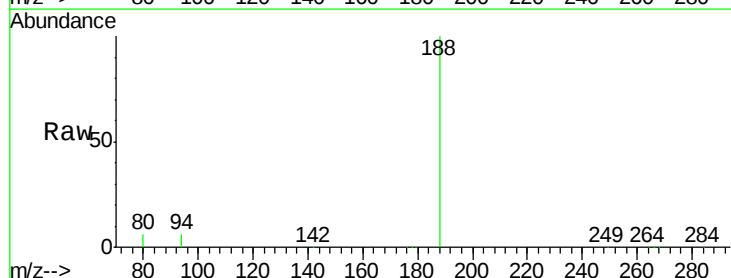
Tgt Ion:188 Resp: 102980

Ion Ratio Lower Upper

188 100

94 6.1 12.2 18.4#

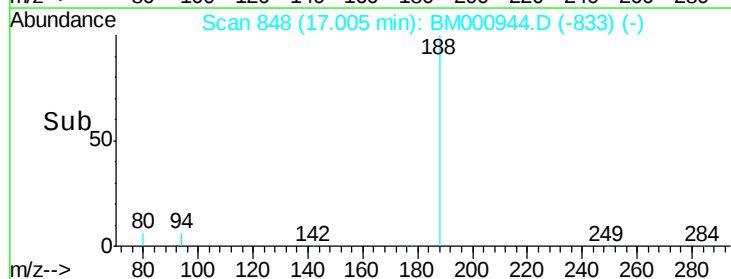
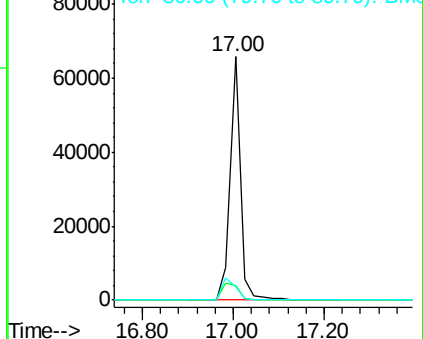
80 5.6 13.4 20.0#

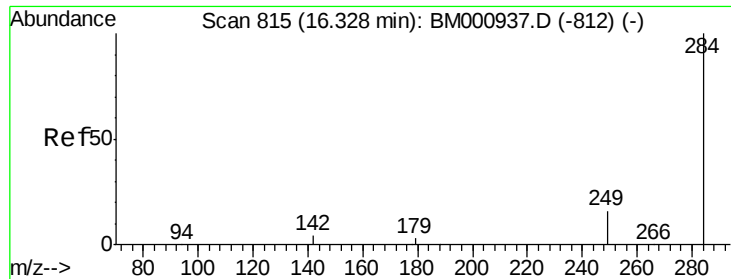


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

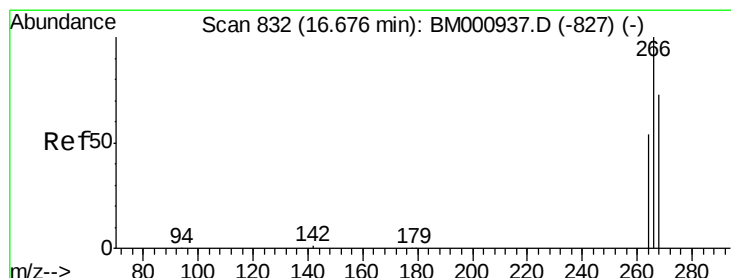
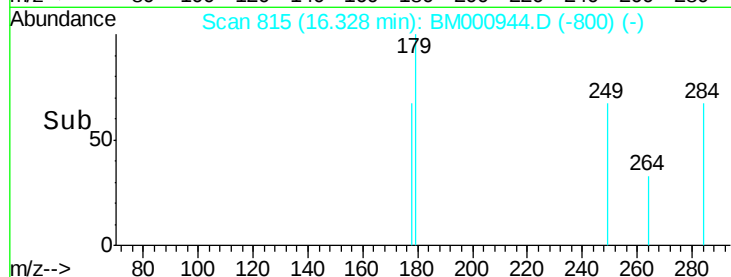
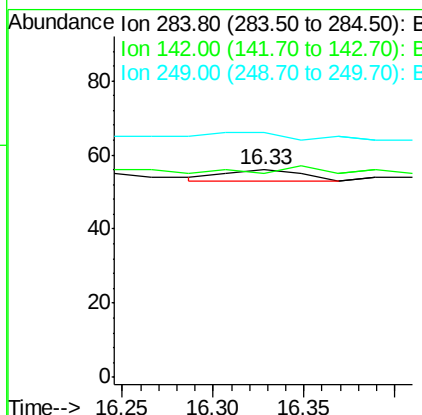
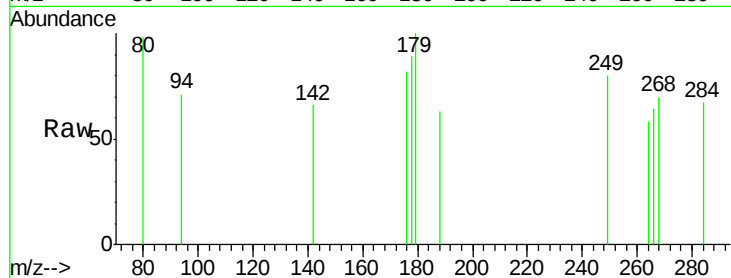




#25
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.33 min Scan# 815
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

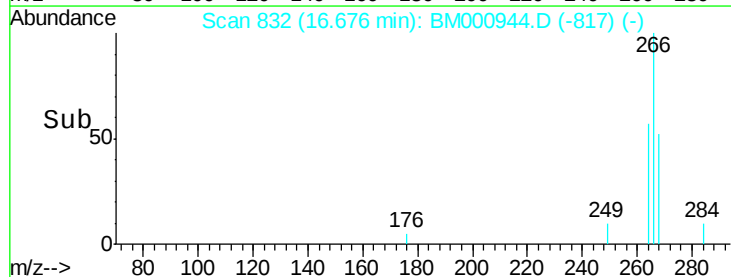
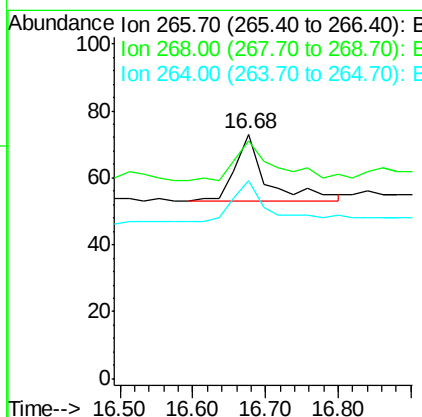
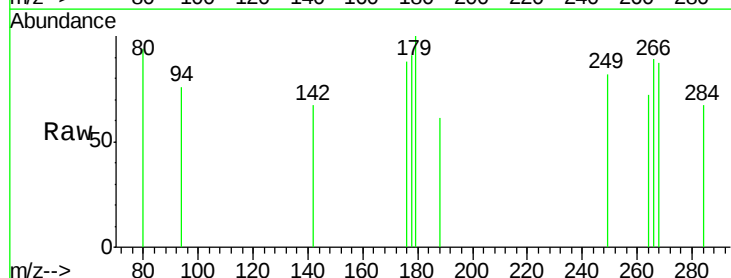
Instrument :
BNA_M
ClientSampleId :
LS-SW01

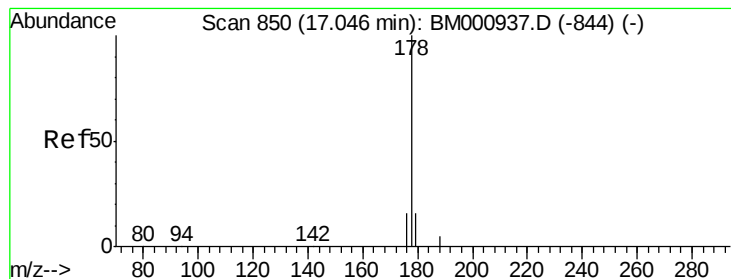
Tgt Ion: 284 Resp: 9
Ion Ratio Lower Upper
284 100
142 98.2 16.2 24.2#
249 117.9 27.4 41.2#



#26
Pentachlorophenol
Concen: 0.20 ng
RT: 16.68 min Scan# 832
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion: 266 Resp: 62
Ion Ratio Lower Upper
266 100
268 97.3 53.0 79.4#
264 80.8 49.4 74.0#





#27

Phenanthrene

Concen: 0.02 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

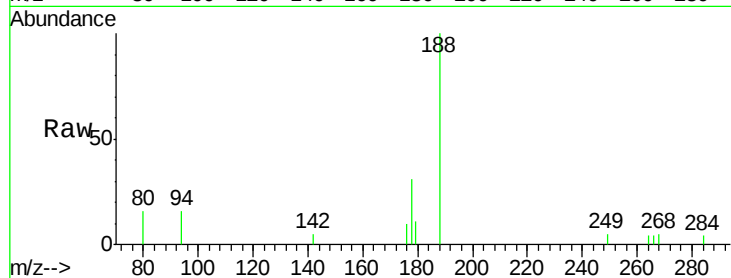
Tgt Ion:178 Resp: 601

Ion Ratio Lower Upper

178 100

176 31.3 16.0 24.0#

179 35.4 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

17.05

400

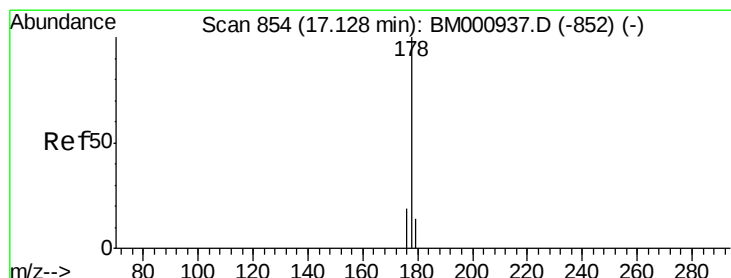
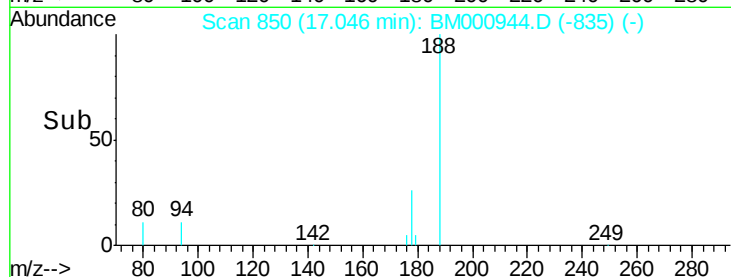
300

200

100

0

Time-->



#28

Anthracene

Concen: 0.01 ng

RT: 17.13 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

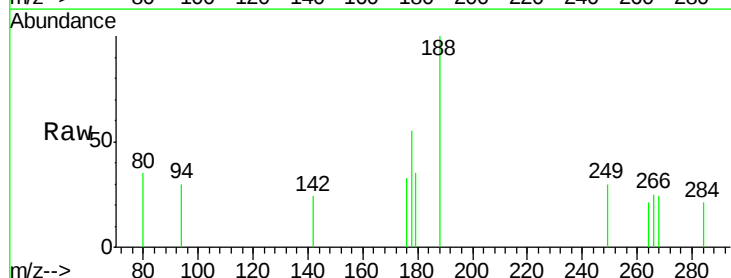
Tgt Ion:178 Resp: 193

Ion Ratio Lower Upper

178 100

176 58.9 12.7 19.1#

179 62.9 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

17.13

400

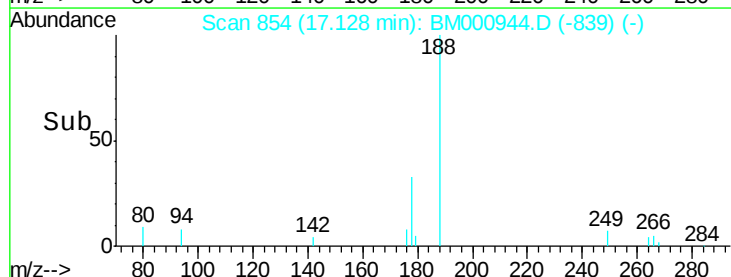
300

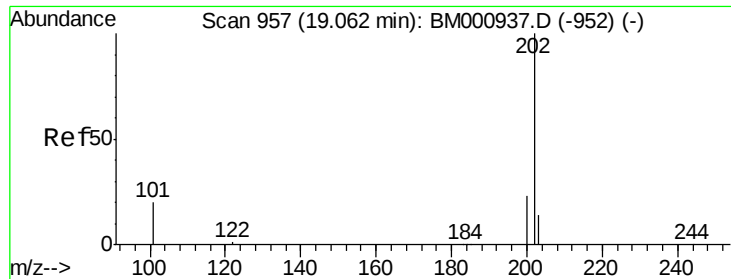
200

100

0

Time-->

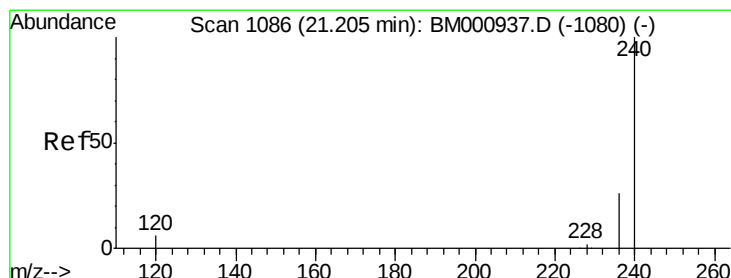
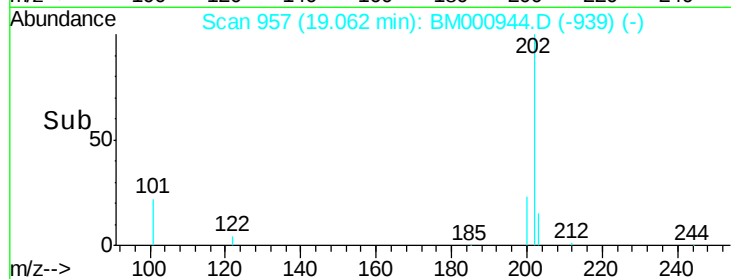
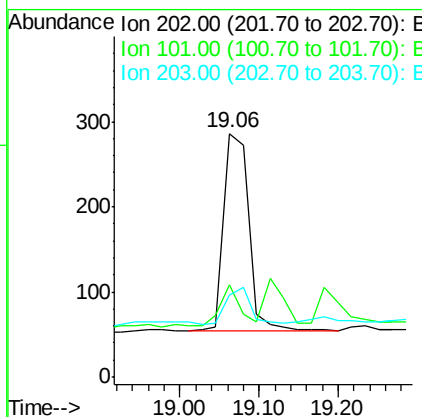
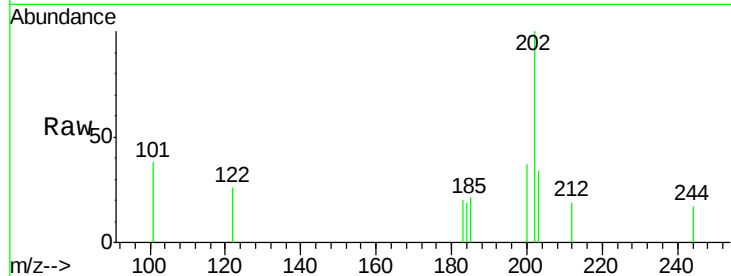




#29
 Fluoranthene
 Concen: 0.02 ng
 RT: 19.06 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

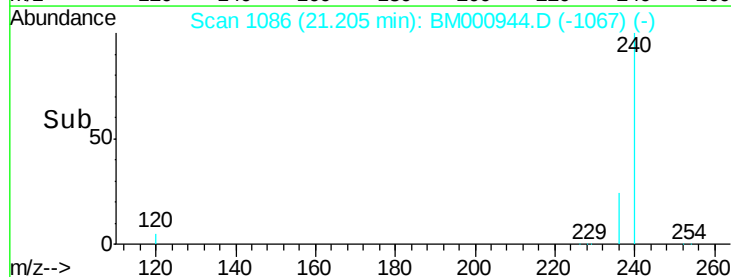
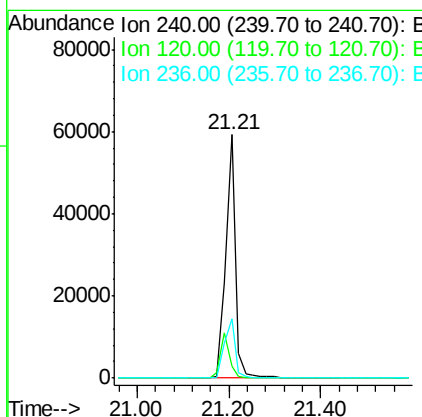
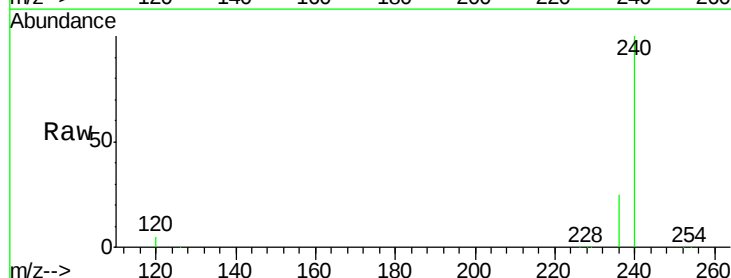
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW01

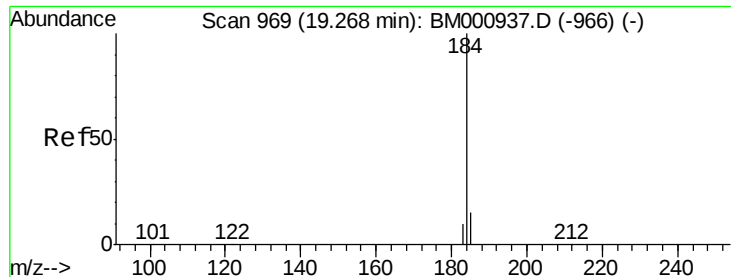
Tgt Ion:202 Resp: 506
 Ion Ratio Lower Upper
 202 100
 101 38.1 0.0 24.1#
 203 33.9 0.0 38.4



#30
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.21 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

Tgt Ion:240 Resp: 85216
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 24.6 22.1 33.1





#31

Benzidine

Concen: 0.03 ng

RT: 19.30 min Scan# 971

Delta R.T. 0.03 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

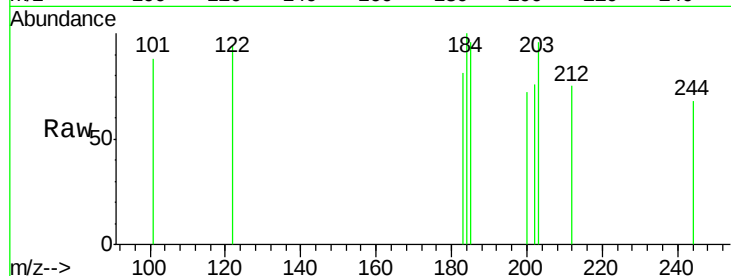
Tgt Ion:184 Resp: 80

Ion Ratio Lower Upper

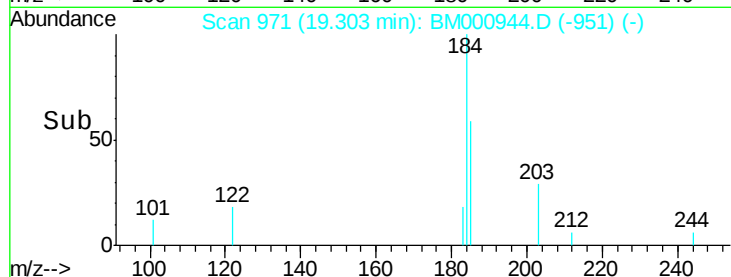
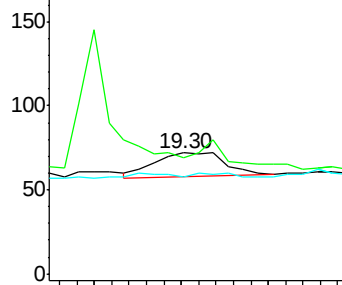
184 100

185 95.8 12.2 18.4#

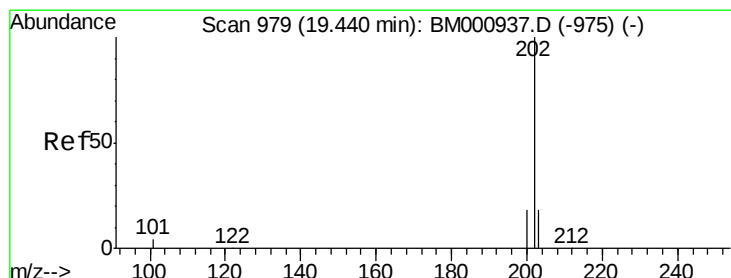
183 80.6 10.3 15.5#



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



Time-->



#32

Pyrene

Concen: 0.02 ng

RT: 19.44 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

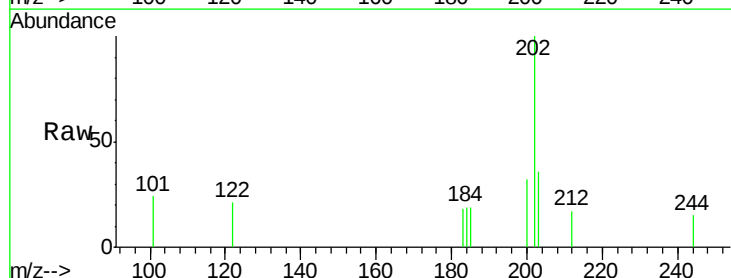
Tgt Ion:202 Resp: 438

Ion Ratio Lower Upper

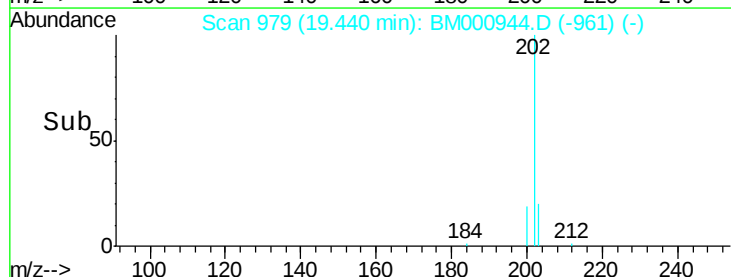
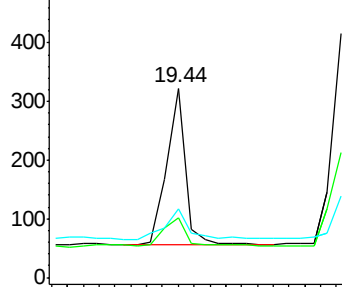
202 100

200 31.6 16.2 24.4#

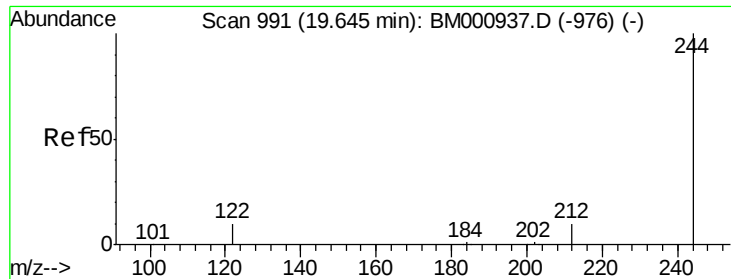
203 36.2 13.5 20.3#



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



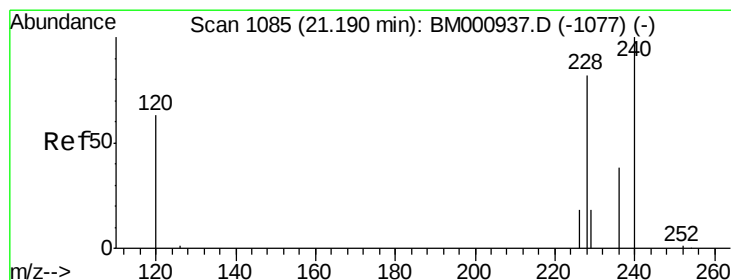
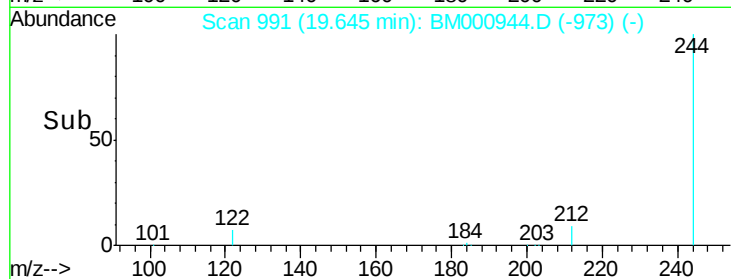
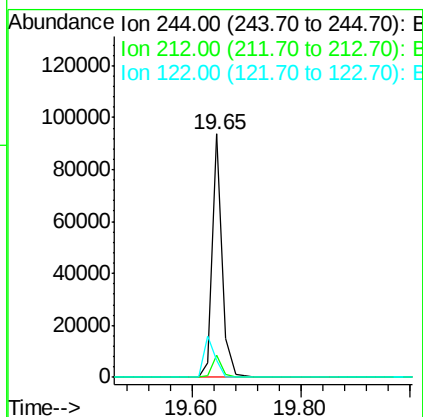
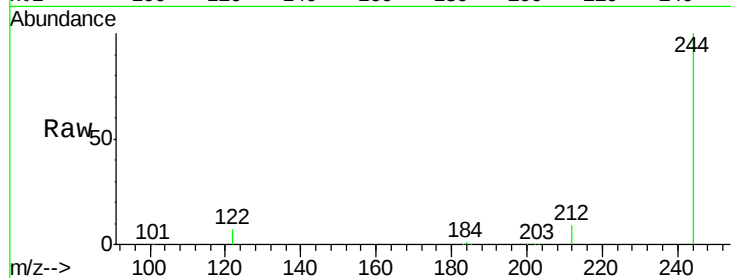
Time-->



#33
 Terphenyl-d14
 Concen: 11.56 ng
 RT: 19.65 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

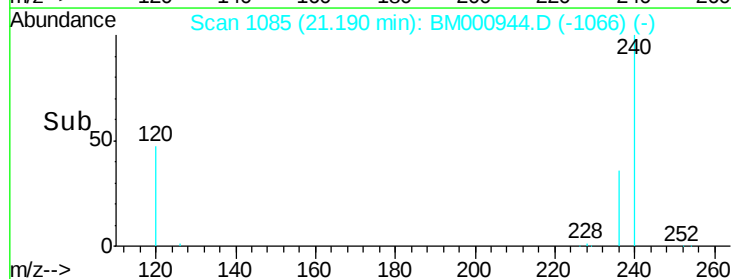
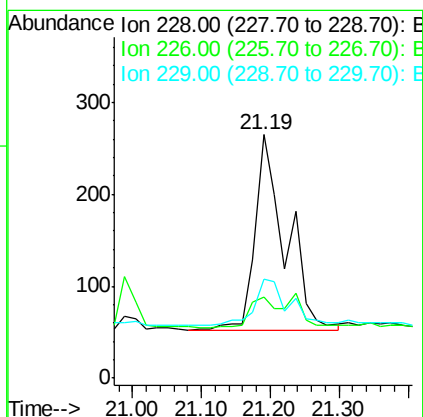
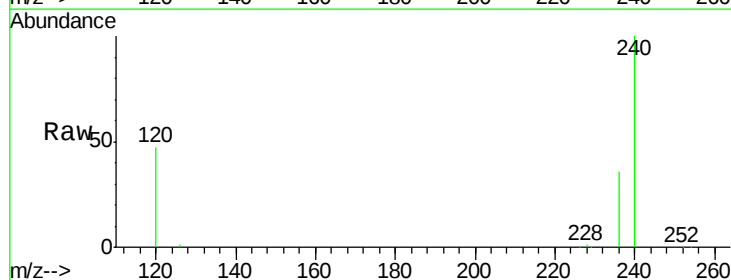
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW01

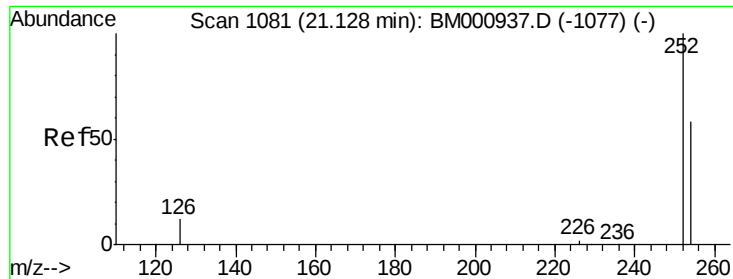
Tgt Ion:244 Resp: 119880
 Ion Ratio Lower Upper
 244 100
 212 9.3 9.4 14.0#
 122 7.1 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.19 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

Tgt Ion:228 Resp: 657
 Ion Ratio Lower Upper
 228 100
 226 33.2 18.9 28.3#
 229 40.4 16.8 25.2#

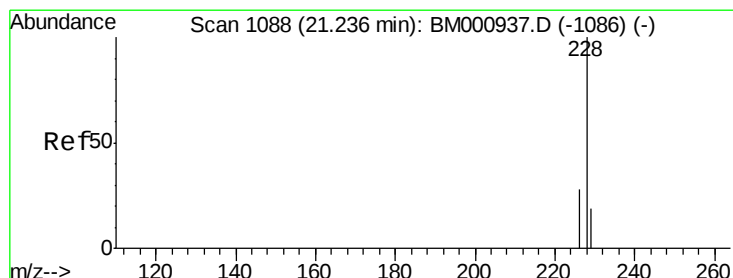
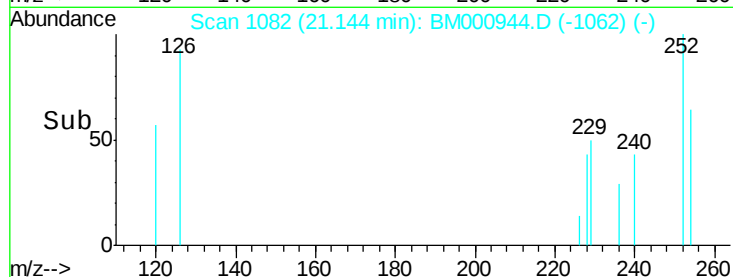
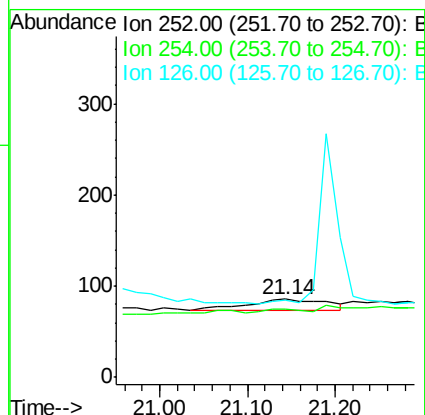
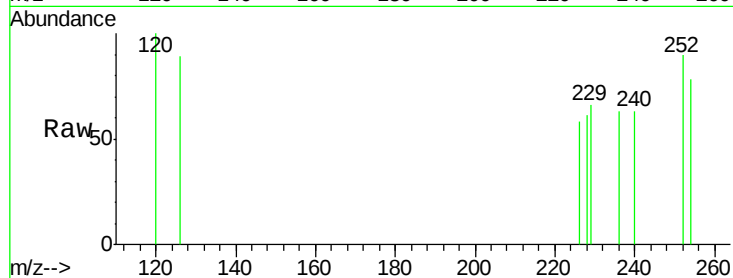




#35
 3,3'-Dichlorobenzidine
 Concen: 0.31 ng
 RT: 21.14 min Scan# 1082
 Delta R.T. 0.02 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

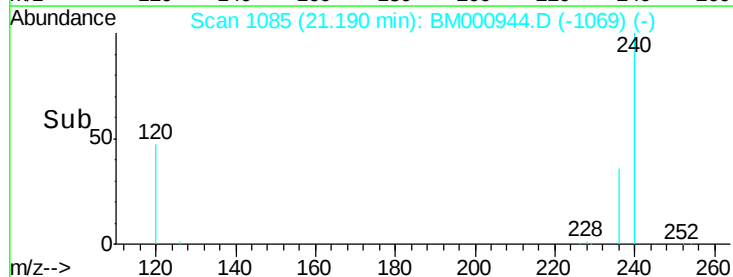
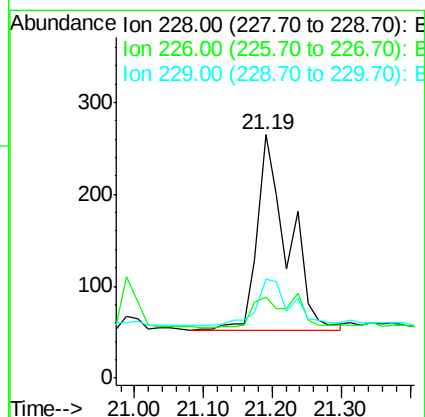
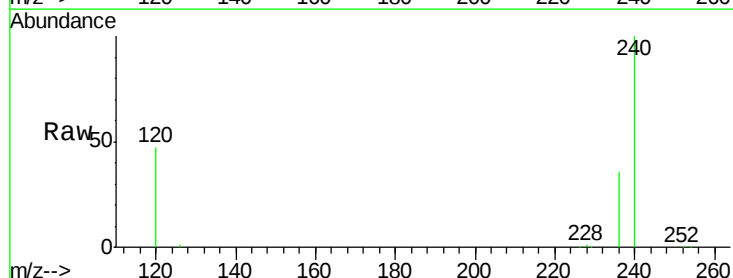
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW01

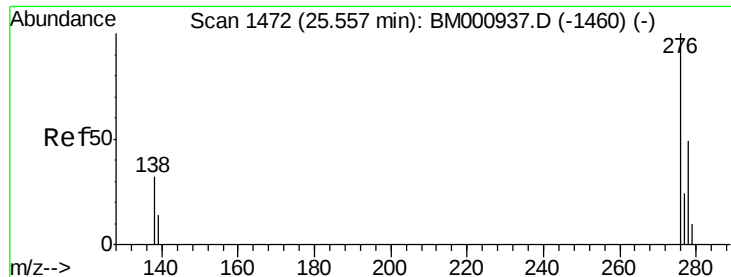
Tgt Ion: 252 Resp: 74
 Ion Ratio Lower Upper
 252 100
 254 87.2 43.4 65.2#
 126 98.8 12.3 18.5#



#36
 Chrysene
 Concen: 0.03 ng
 RT: 21.19 min Scan# 1085
 Delta R.T. -0.05 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

Tgt Ion: 228 Resp: 657
 Ion Ratio Lower Upper
 228 100
 226 33.2 23.4 35.2
 229 40.4 15.0 22.6#

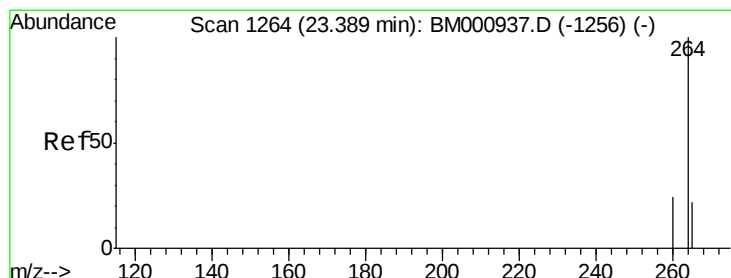
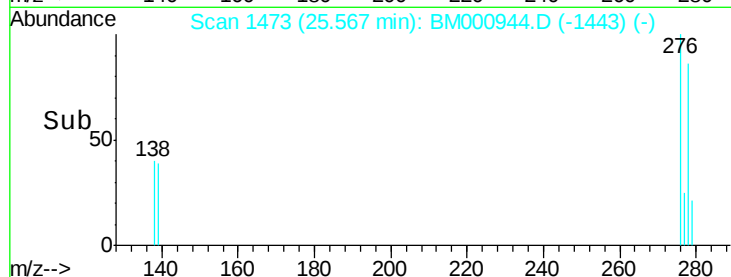
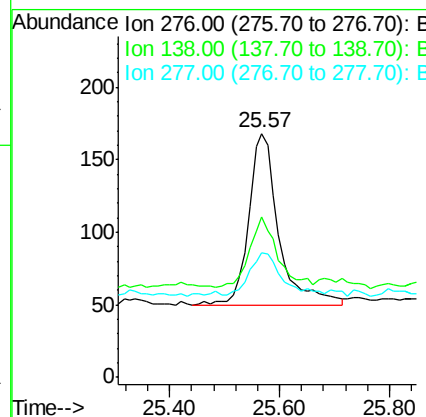
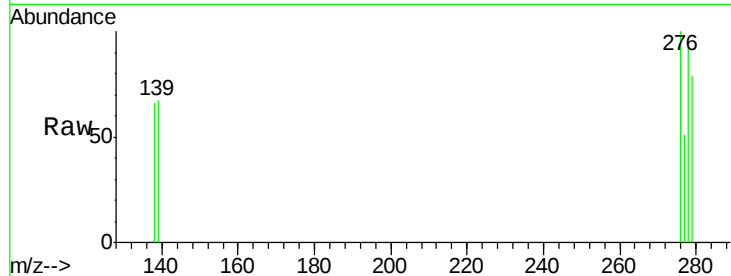




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.57 min Scan# 1473
 Delta R.T. 0.01 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

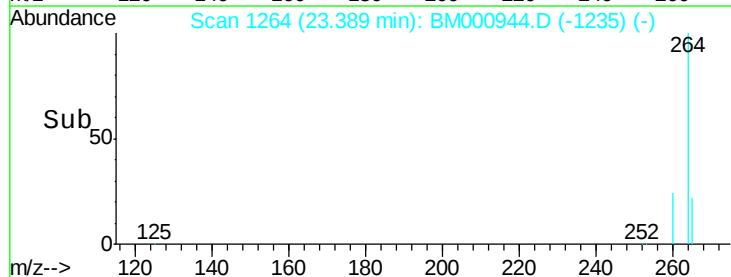
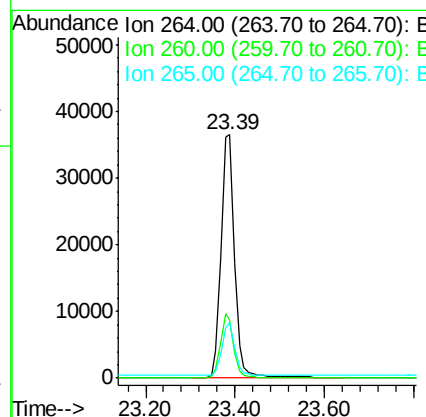
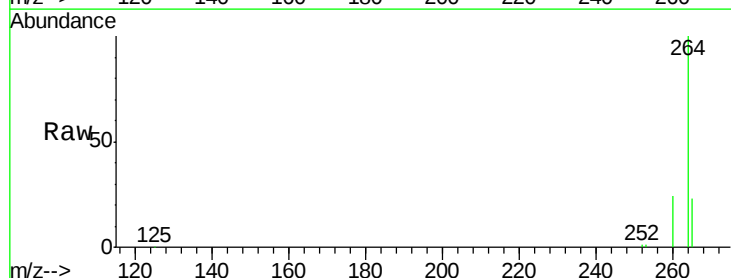
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW01

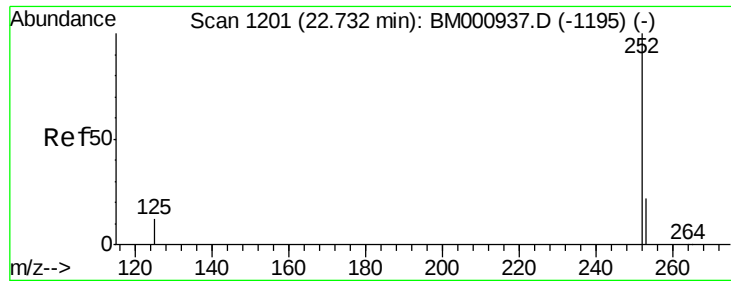
Tgt Ion: 276 Resp: 448
 Ion Ratio Lower Upper
 276 100
 138 38.6 26.6 40.0
 277 25.2 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BM000944.D
 Acq: 10 Apr 2015 18:02

Tgt Ion: 264 Resp: 76611
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.6 30.8
 265 22.8 16.4 24.6





#39

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.73 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01

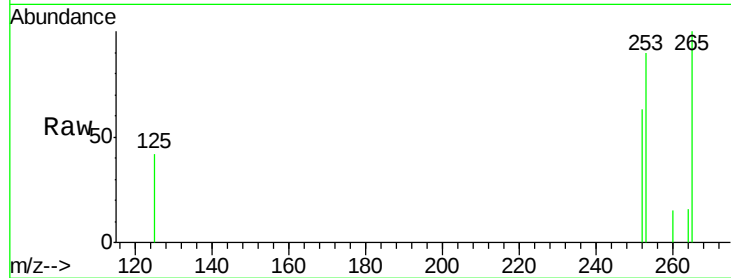
Tgt Ion: 252 Resp: 257

Ion Ratio Lower Upper

252 100

253 142.9 16.9 25.3#

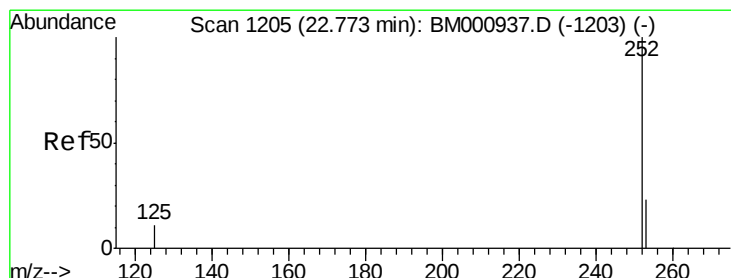
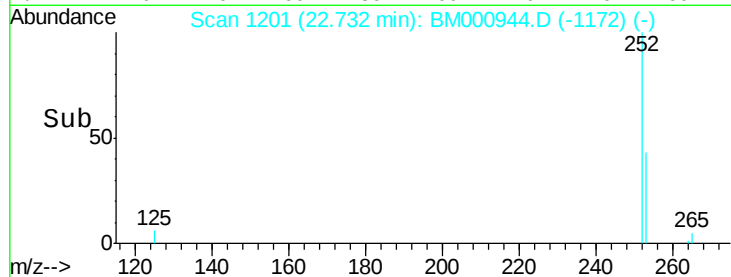
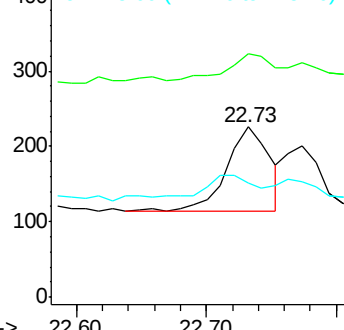
125 66.8 11.3 16.9#



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: 0.01 ng

RT: 22.73 min Scan# 1201

Delta R.T. -0.04 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

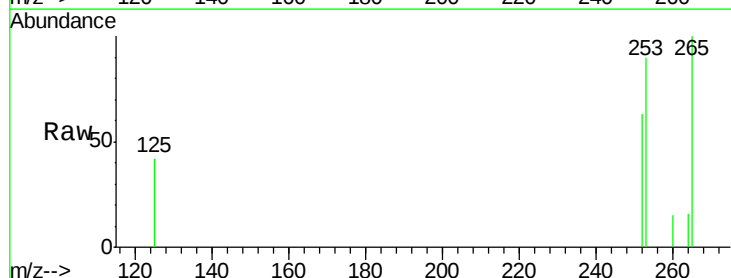
Tgt Ion: 252 Resp: 257

Ion Ratio Lower Upper

252 100

253 142.9 16.9 25.3#

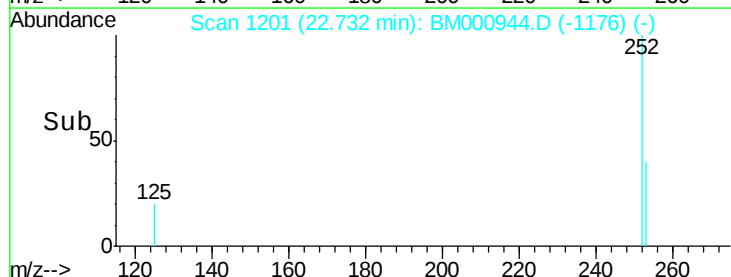
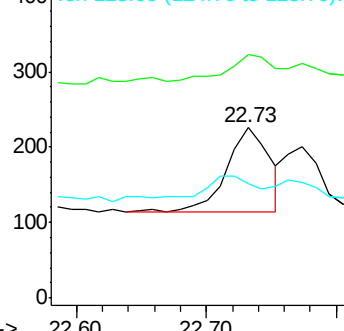
125 66.8 11.2 16.8#

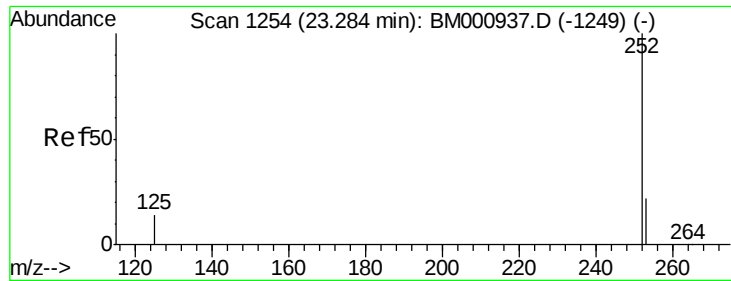


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.28 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM000944.D

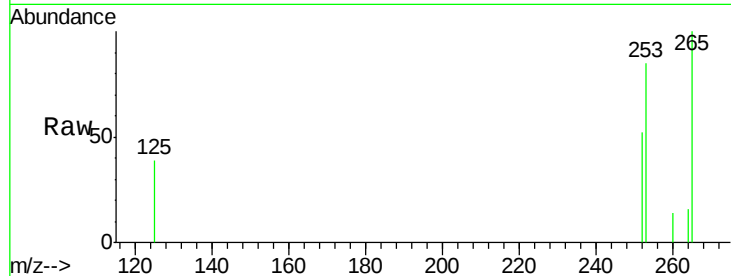
Acq: 10 Apr 2015 18:02

Instrument :

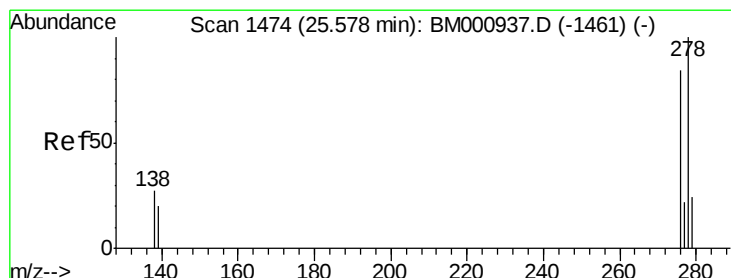
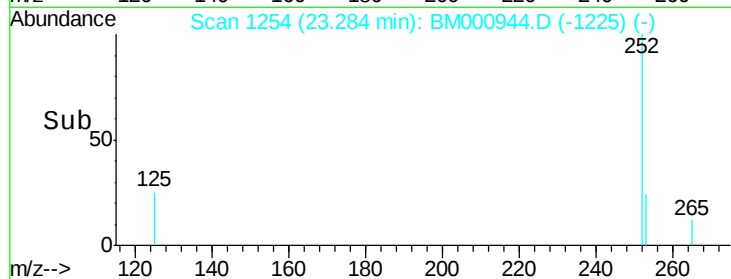
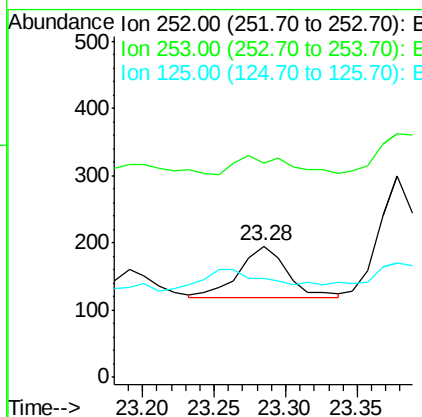
BNA_M

ClientSampleId :

LS-SW01



Tgt Ion:	252	Resp:	178
Ion Ratio	Lower	Upper	
252	100		
253	163.6	19.0	28.4#
125	75.4	11.0	16.6#



#42

Dibenzo(a,h)anthracene

Concen: 0.02 ng

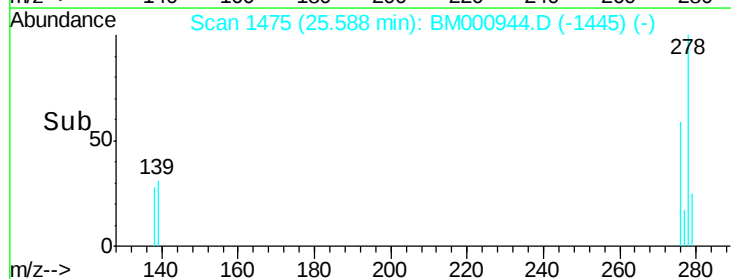
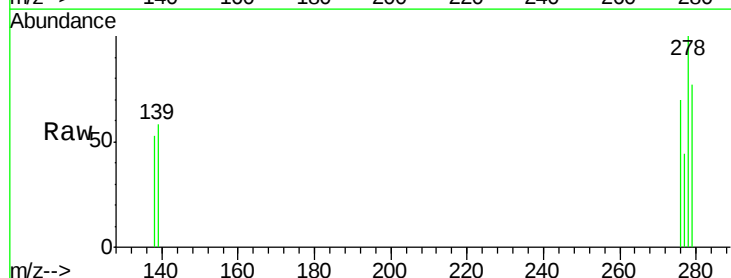
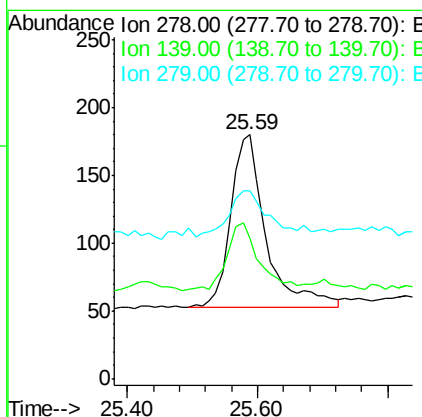
RT: 25.59 min Scan# 1475

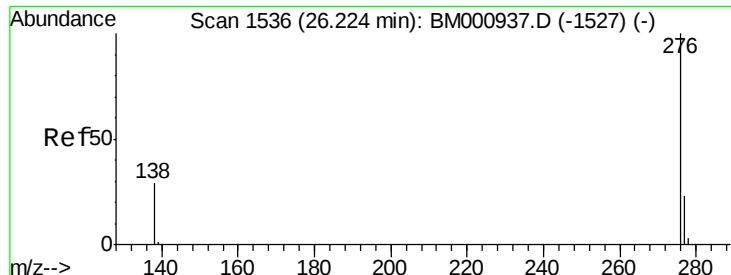
Delta R.T. 0.01 min

Lab File: BM000944.D

Acq: 10 Apr 2015 18:02

Tgt Ion:	278	Resp:	472
Ion Ratio	Lower	Upper	
278	100		
139	57.8	17.8	26.8#
279	77.2	19.0	28.6#





#43

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 26.23 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM000944.D

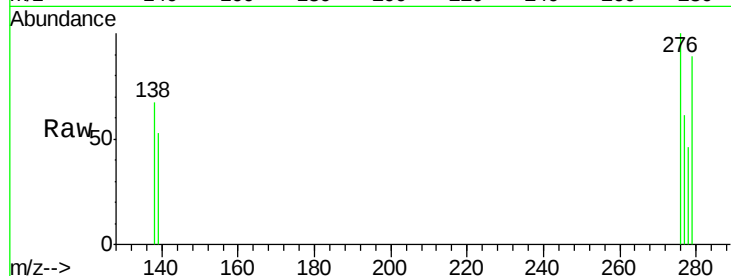
Acq: 10 Apr 2015 18:02

Instrument :

BNA_M

ClientSampleId :

LS-SW01



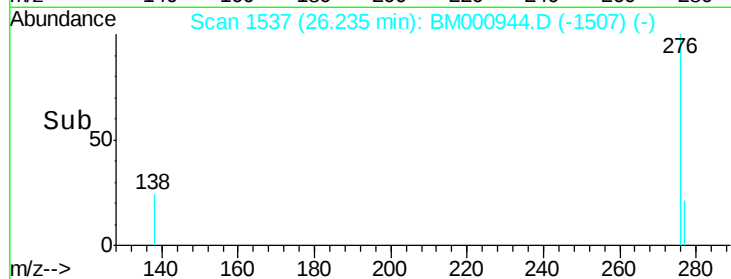
Tgt Ion: 276 Resp: 274

Ion Ratio Lower Upper

276 100

277 61.5 19.4 29.0#

138 67.2 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

