

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000943.D
 Acq On : 10 Apr 2015 17:26
 Operator : TP/IZ
 Sample : G1757-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW04

Quant Time: Apr 10 23:21:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 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	26372	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	96881	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	51145	5.00	ng	0.00
24) Phenanthrene-d10	17.00	188	104449	5.00	ng	0.00
30) Chrysene-d12	21.21	240	85205	5.00	ng	0.00
38) Perylene-d12	23.39	264	75811	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	30219	5.41	ng	0.00
5) Phenol-d6	6.78	99	23554	3.53	ng	0.00
9) Nitrobenzene-d5	8.76	82	43446	9.29	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	20294	9.55	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	134786	9.41	ng	0.00
33) Terphenyl-d14	19.65	244	121678	11.73	ng	0.00

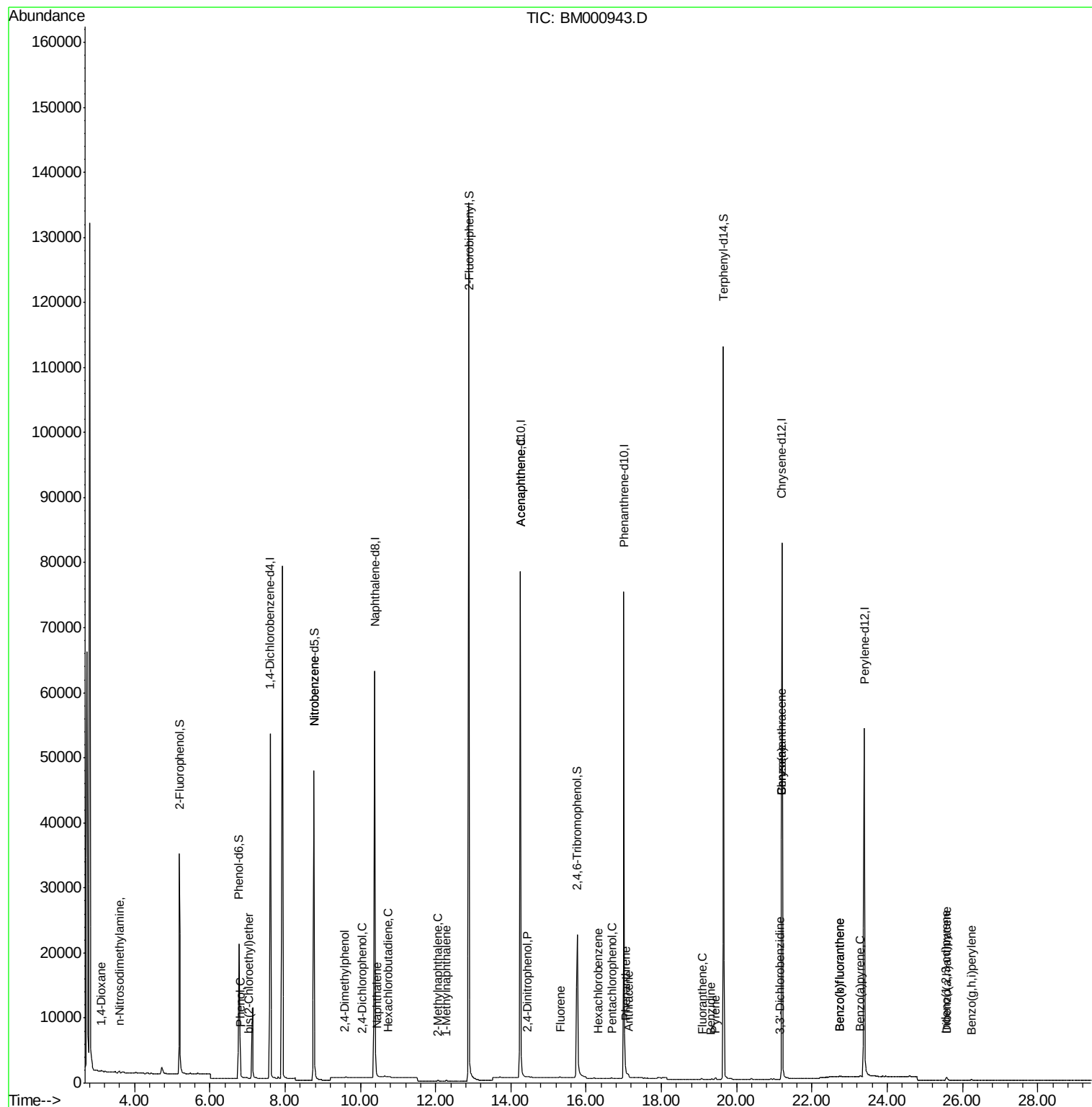
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	665	0.17	ng	# 31
3) n-Nitrosodimethylamine	3.60	42	133	0.05	ng	# 1
6) Phenol	6.82	94	348	0.05	ng	# 22
7) bis(2-Chloroethyl)ether	7.04	93	14	0.00	ng	# 27
10) Nitrobenzene	8.76	77	184	0.20	ng	# 61
11) 2,4-Dimethylphenol	9.59	122	18	0.00	ng	# 75
12) 2,4-Dichlorophenol	10.05	162	26	0.01	ng	# 49
13) Naphthalene	10.44	128	346	0.02	ng	# 36
14) Hexachlorobutadiene	10.74	225	26	0.01	ng	# 53
15) 2-Methylnaphthalene	12.07	142	98	0.01	ng	# 64
16) 1-Methylnaphthalene	12.29	142	106	0.01	ng	# 84
20) Acenaphthylene	13.97	152	52	Below Cal		# 1
21) Acenaphthene	14.26	154	304	0.02	ng	# 59
22) 2,4-Dinitrophenol	14.43	184	20	0.24	ng	# 11
23) Fluorene	15.30	166	101	0.01	ng	# 33
25) Hexachlorobenzene	16.33	284	26	0.00	ng	# 1
26) Pentachlorophenol	16.68	266	62	0.20	ng	# 66
27) Phenanthrene	17.05	178	391	0.01	ng	# 49
28) Anthracene	17.13	178	110	0.00	ng	# 1
29) Fluoranthene	19.08	202	278	0.01	ng	# 36
31) Benzidine	19.32	184	169	0.05	ng	# 1
32) Pyrene	19.44	202	260	0.01	ng	# 51
34) Benzo(a)anthracene	21.19	228	644	0.03	ng	# 73
35) 3,3'-Dichlorobenzidine	21.14	252	39	0.31	ng	# 24
36) Chrysene	21.19	228	654	0.03	ng	# 79
37) Indeno(1,2,3-cd)pyrene	25.57	276	608	0.02	ng	# 94
39) Benzo(b)fluoranthene	22.73	252	215	0.01	ng	# 1
40) Benzo(k)fluoranthene	22.73	252	215	0.01	ng	# 1
41) Benzo(a)pyrene	23.28	252	194	0.01	ng	# 1
42) Dibenzo(a,h)anthracene	25.58	278	724	0.04	ng	# 34
43) Benzo(g,h,i)perylene	26.23	276	368	0.02	ng	# 40

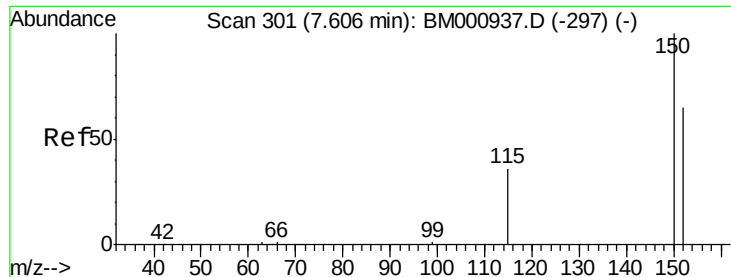
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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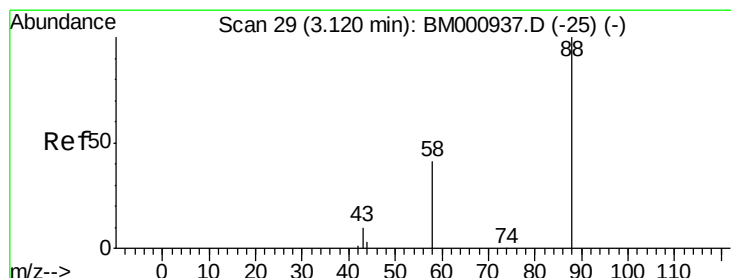
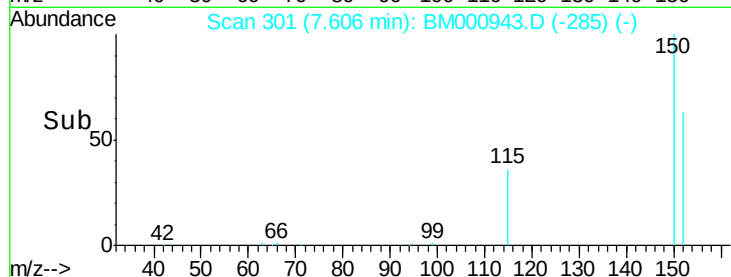
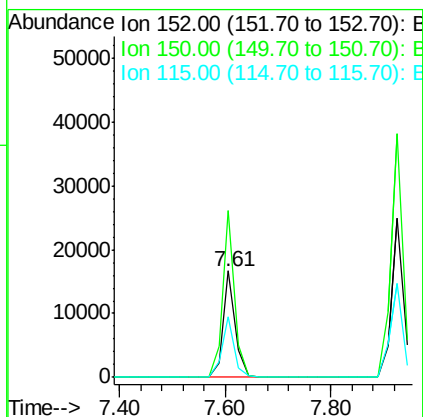
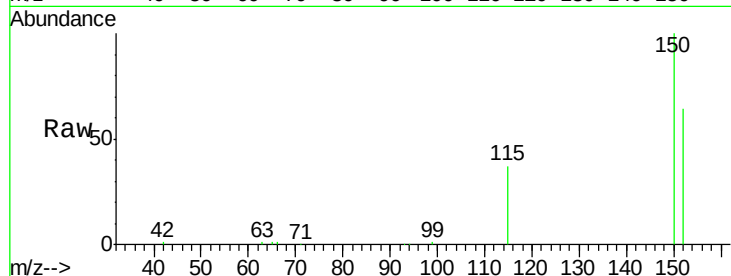


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000943.D
Acq: 10 Apr 2015 17:26

Instrument :
BNA_M
ClientSampled :
LS-SW04

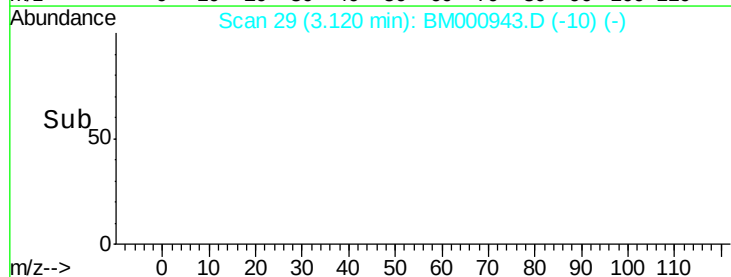
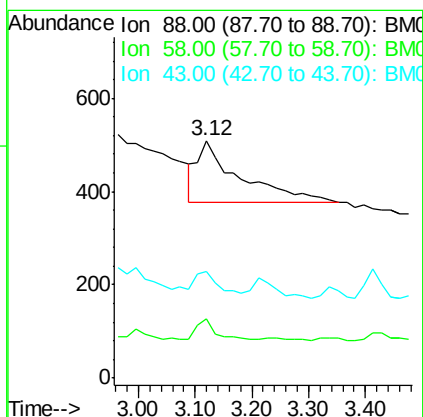
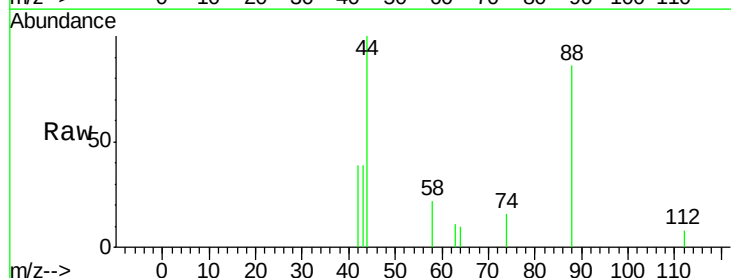
Tgt Ion: 152 Resp: 26372
Ion Ratio Lower Upper
152 100
150 157.4 125.4 188.2
115 57.7 45.9 68.9

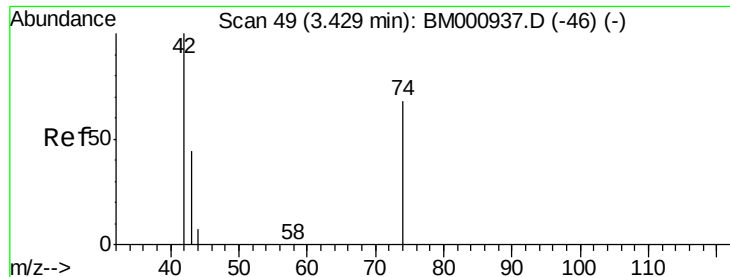


#2

1,4-Dioxane
Concen: 0.17 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000943.D
Acq: 10 Apr 2015 17:26

Tgt Ion: 88 Resp: 665
Ion Ratio Lower Upper
88 100
58 14.9 63.0 94.6#
43 0.0 27.0 40.4#





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.60 min Scan# 60

Delta R.T. 0.17 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

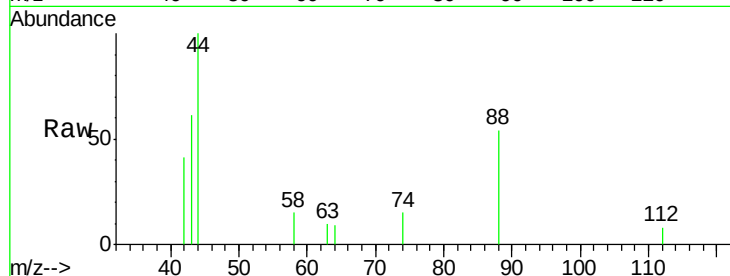
Tgt Ion: 42 Resp: 133

Ion Ratio Lower Upper

42 100

74 37.0 26.0 39.0

44 243.9 29.0 43.4#

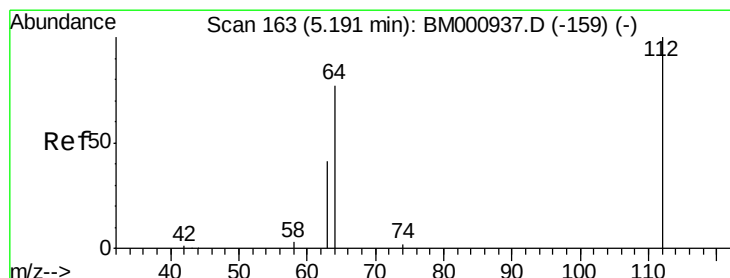
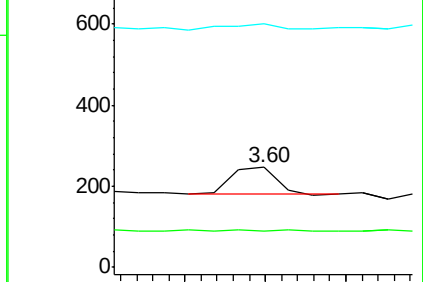
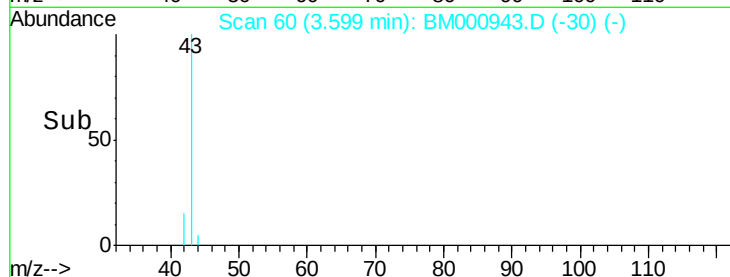


Abundance Ion 42.00 (41.70 to 42.70): BM000937.D (-46) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 5.41 ng

RT: 5.19 min Scan# 163

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

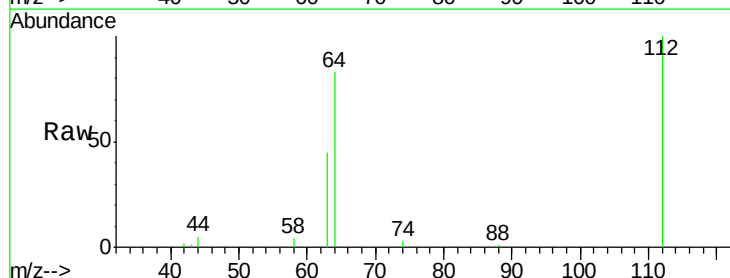
Tgt Ion: 112 Resp: 30219

Ion Ratio Lower Upper

112 100

64 82.5 31.8 47.8#

63 44.6 14.5 21.7#

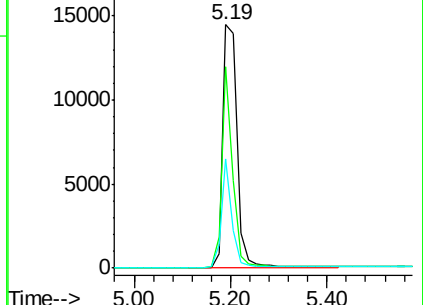
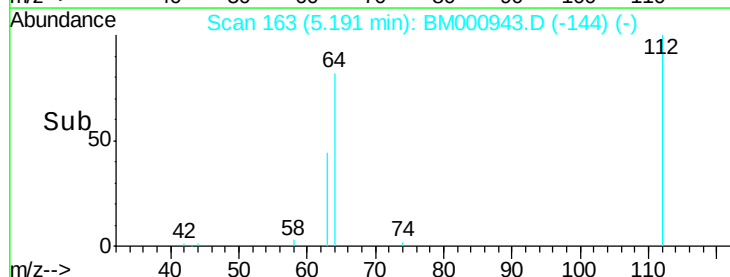


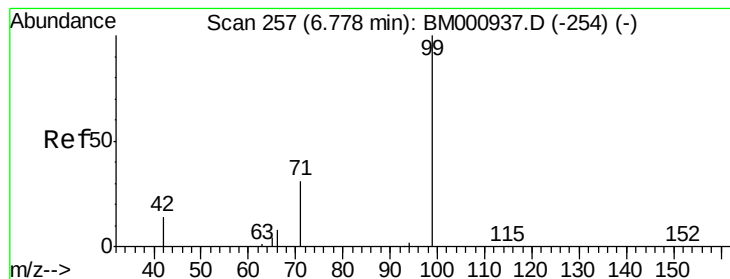
Abundance Ion 112.00 (111.70 to 112.70): BM000937.D (-159) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 3.53 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

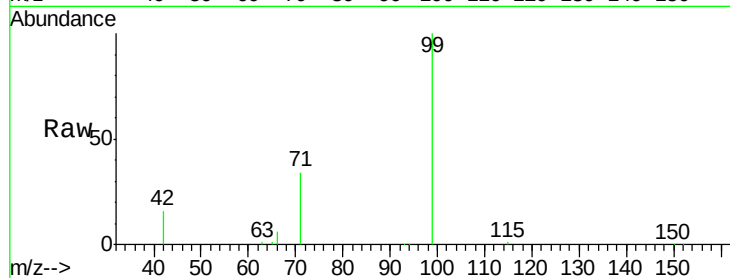
Tgt Ion: 99 Resp: 23554

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

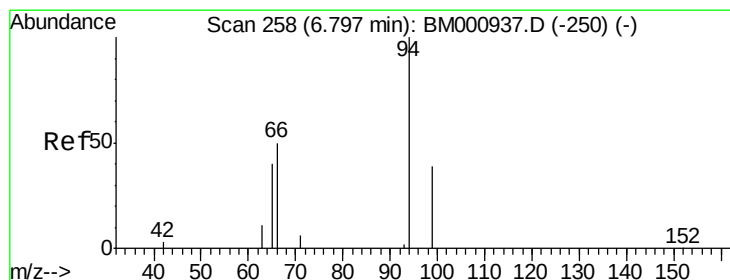
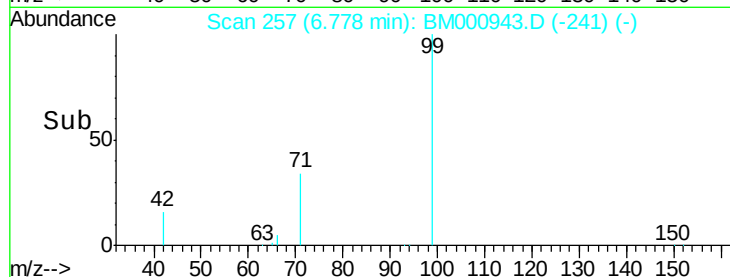
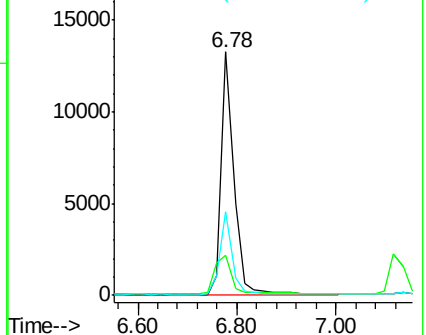
71 34.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000937.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM000937.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM000937.D (-254) (-)



#6

Phenol

Concen: 0.05 ng

RT: 6.82 min Scan# 259

Delta R.T. 0.02 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

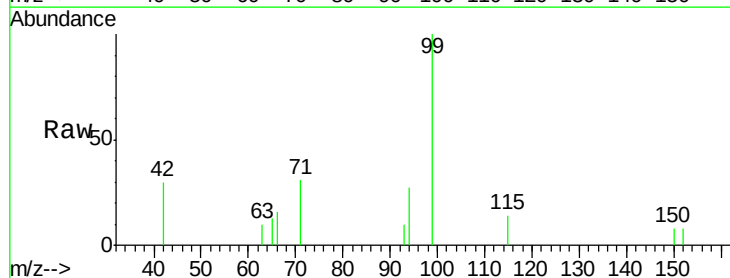
Tgt Ion: 94 Resp: 348

Ion Ratio Lower Upper

94 100

65 49.4 0.0 36.0#

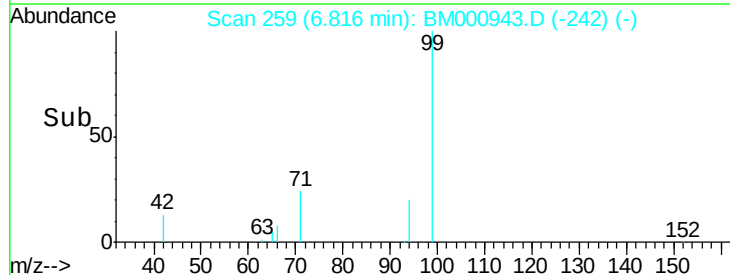
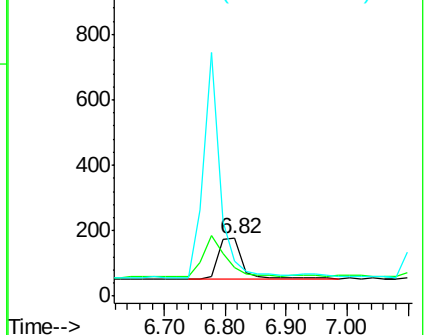
66 61.4 3.7 43.7#

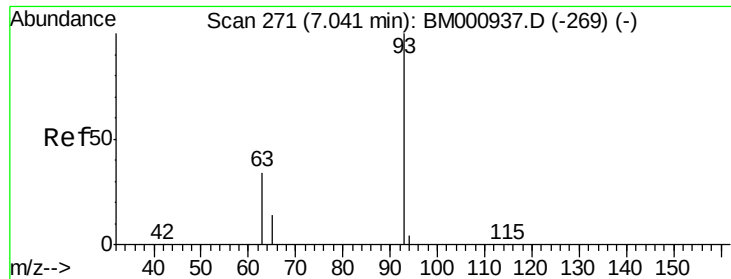


Abundance Ion 94.00 (93.70 to 94.70): BM000937.D (-250) (-)

Ion 65.00 (64.70 to 65.70): BM000937.D (-250) (-)

Ion 66.00 (65.70 to 66.70): BM000937.D (-250) (-)





#7

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 7.04 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

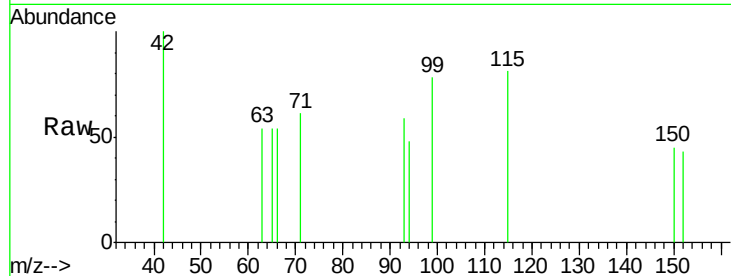
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

93 100

63 91.0 24.0 64.0#

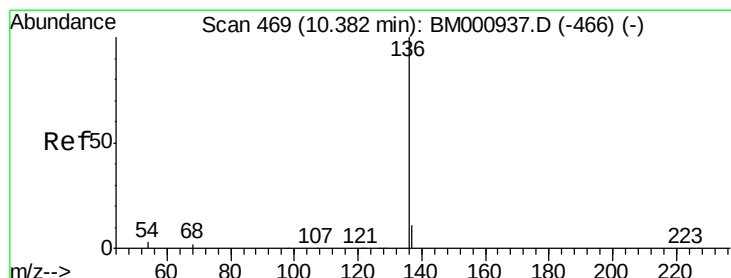
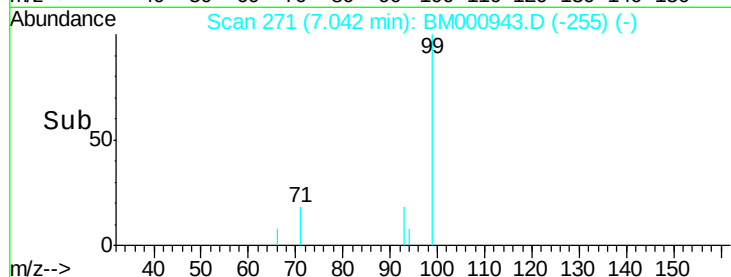
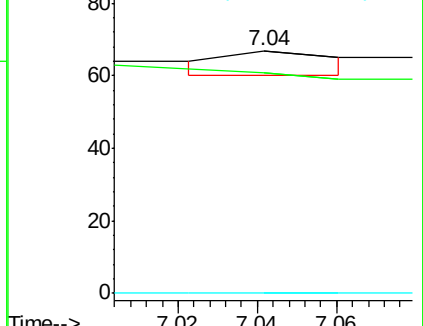
95 0.0 0.0 20.0



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: BM000943.D

Acq: 10 Apr 2015 17:26

Tgt Ion: 136 Resp: 96881

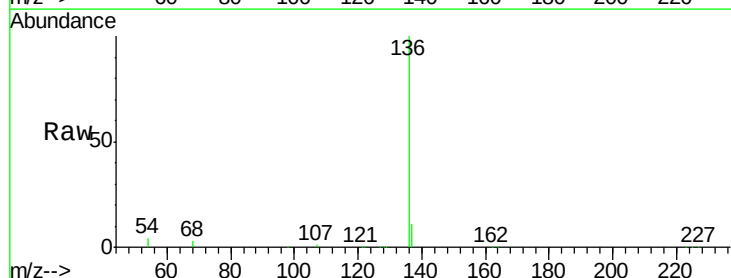
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 4.2 2.9 4.3

68 3.1 2.2 3.2

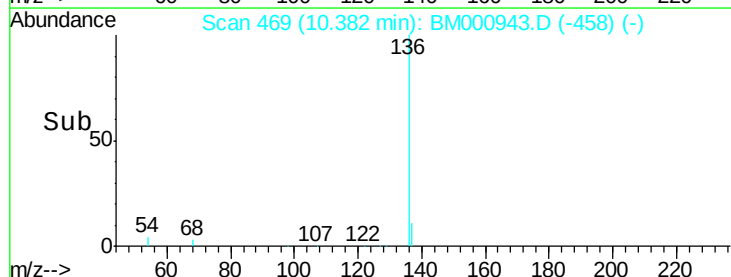
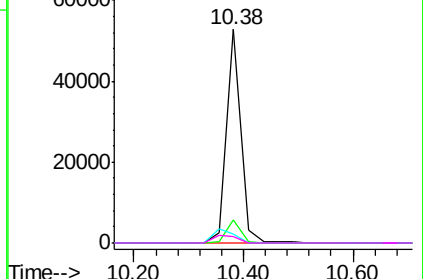


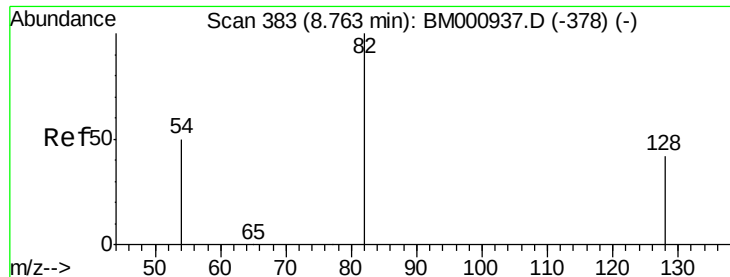
Abundance Ion 136.00 (135.70 to 136.70): BM000937.D (-466) (-)

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: 9.29 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

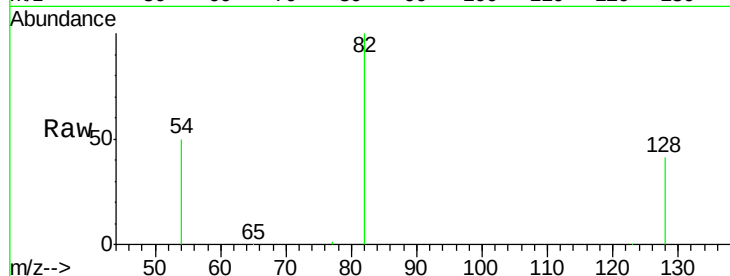
Tgt Ion: 82 Resp: 43446

Ion Ratio Lower Upper

82 100

128 41.4 33.4 50.0

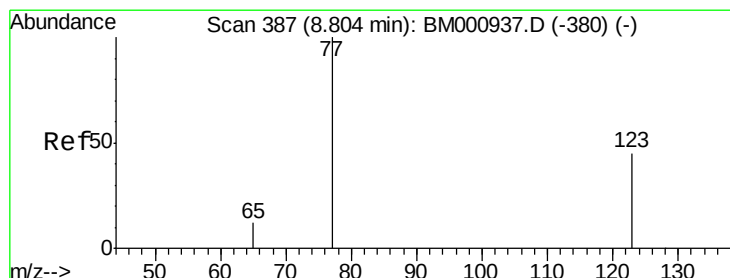
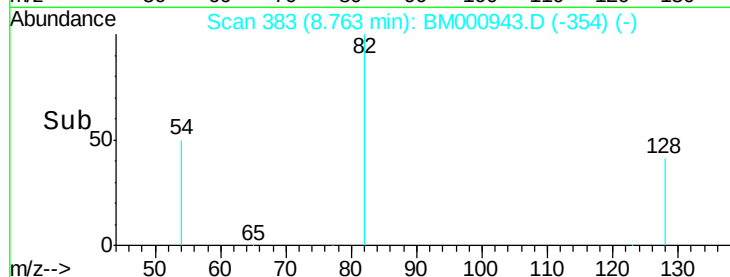
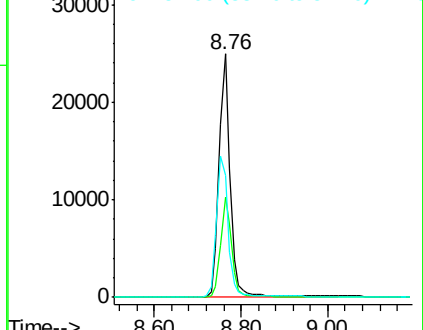
54 50.1 40.5 60.7



Abundance Ion 82.00 (81.70 to 82.70): BM000943.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000943.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000943.D (-378) (-)



#10

Nitrobenzene

Concen: 0.20 ng

RT: 8.76 min Scan# 383

Delta R.T. -0.04 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

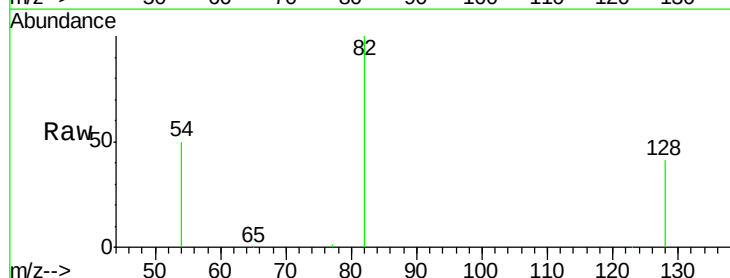
Tgt Ion: 77 Resp: 184

Ion Ratio Lower Upper

77 100

123 31.1 35.0 52.6#

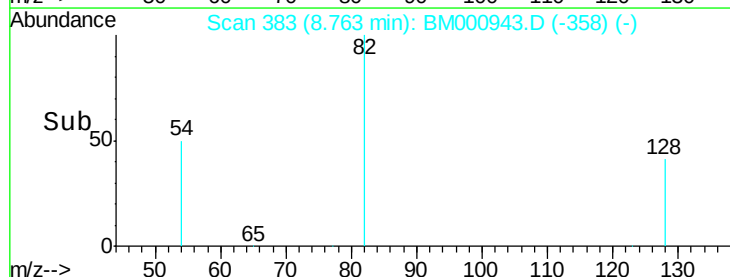
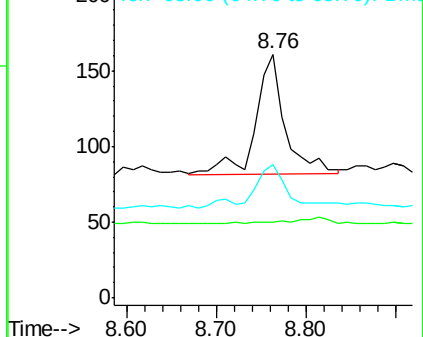
65 54.7 10.7 16.1#

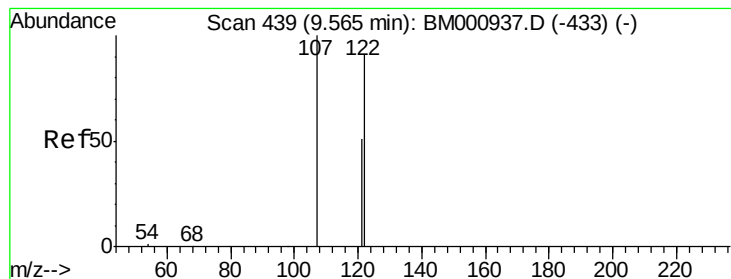


Abundance Ion 77.00 (76.70 to 77.70): BM000943.D (-380) (-)

Ion 123.00 (122.70 to 123.70): BM000943.D (-380) (-)

Ion 65.00 (64.70 to 65.70): BM000943.D (-380) (-)

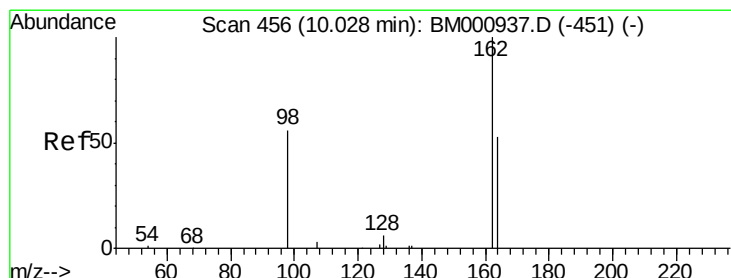
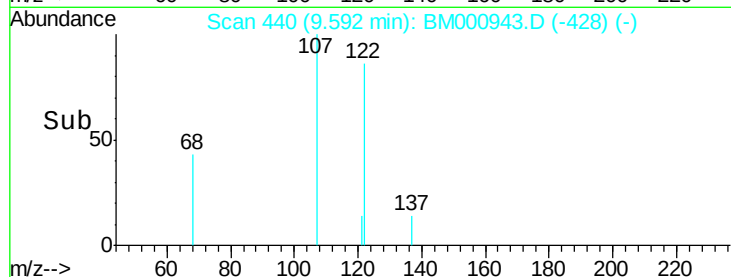
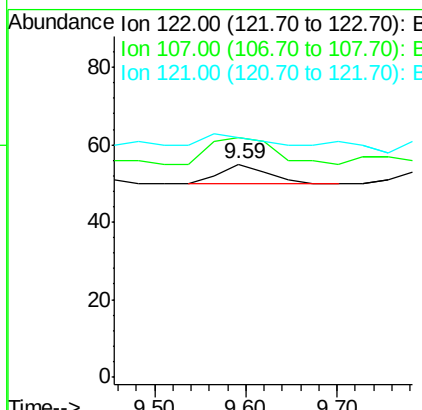
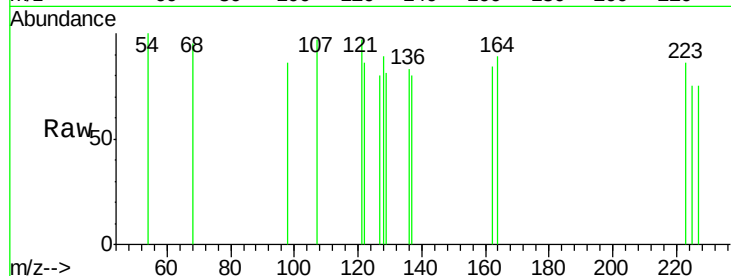




#11
 2,4-Dimethylphenol
 Concen: 0.00 ng
 RT: 9.59 min Scan# 440
 Delta R.T. 0.03 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

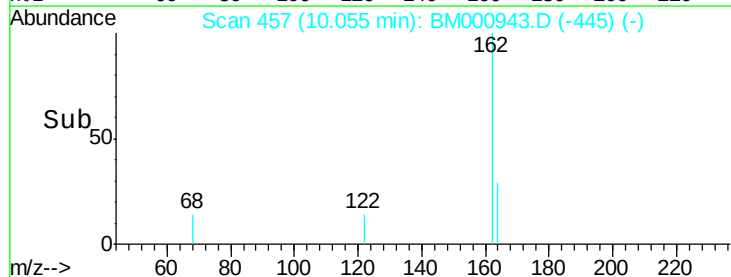
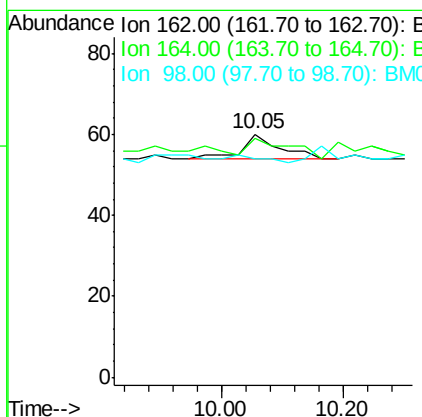
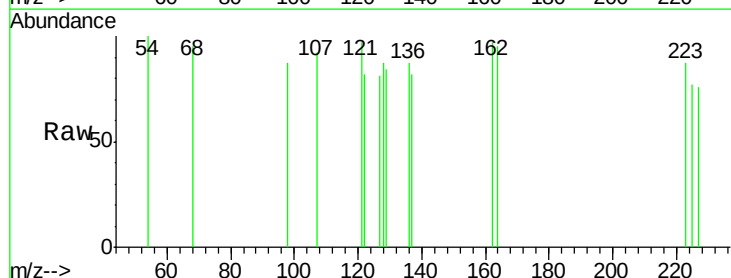
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW04

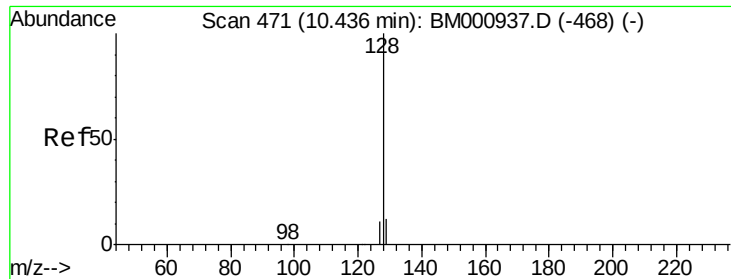
Tgt Ion:122 Resp: 18
 Ion Ratio Lower Upper
 122 100
 107 112.7 89.8 134.6
 121 112.7 46.6 70.0#



#12
 2,4-Dichlorophenol
 Concen: 0.01 ng
 RT: 10.05 min Scan# 457
 Delta R.T. 0.03 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

Tgt Ion:162 Resp: 26
 Ion Ratio Lower Upper
 162 100
 164 98.3 32.5 72.5#
 98 90.0 40.5 80.5#

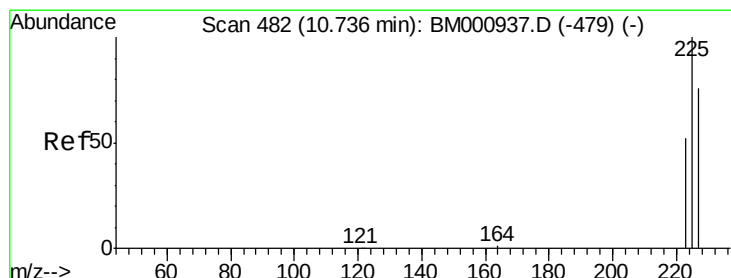
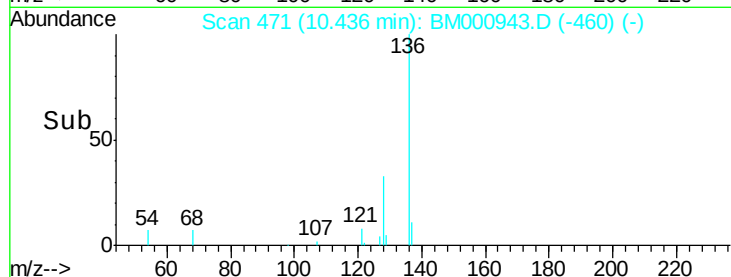
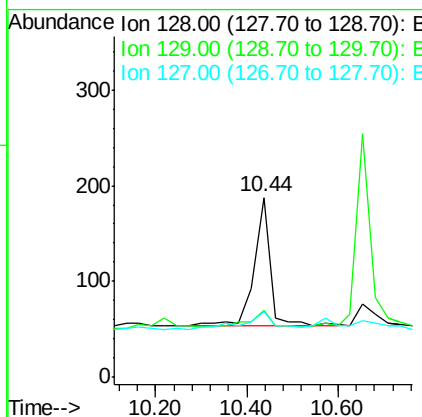
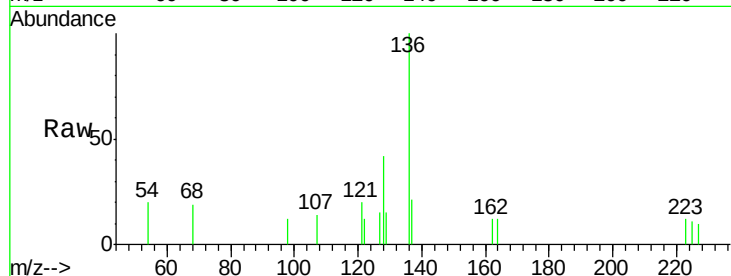




#13
Naphthalene
Concen: 0.02 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000943.D
Acq: 10 Apr 2015 17:26

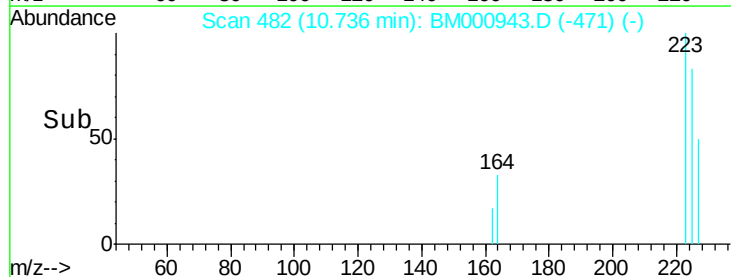
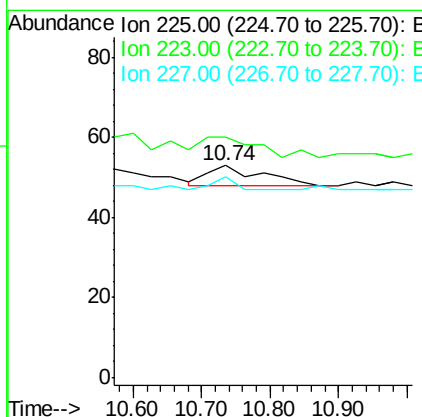
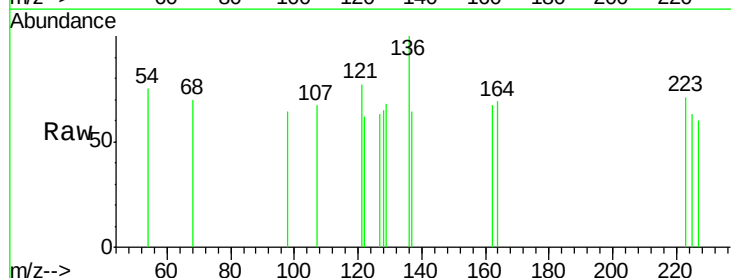
Instrument :
BNA_M
ClientSampleId :
LS-SW04

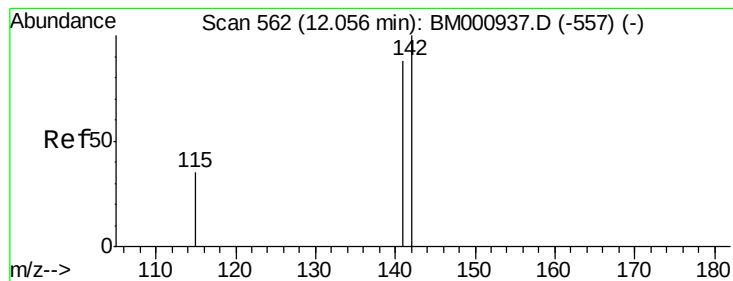
Tgt Ion:128 Resp: 346
Ion Ratio Lower Upper
128 100
129 36.7 9.8 14.6#
127 36.2 9.1 13.7#



#14
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000943.D
Acq: 10 Apr 2015 17:26

Tgt Ion:225 Resp: 26
Ion Ratio Lower Upper
225 100
223 113.2 42.2 63.2#
227 94.3 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: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

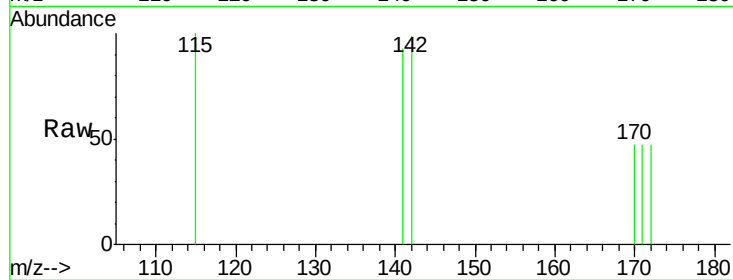
Tgt Ion:142 Resp: 98

Ion Ratio Lower Upper

142 100

141 93.9 71.2 106.8

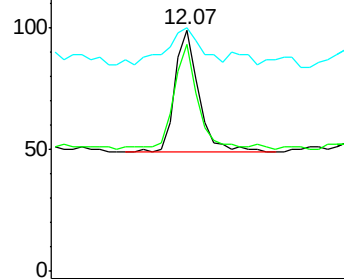
115 101.0 28.3 42.5#



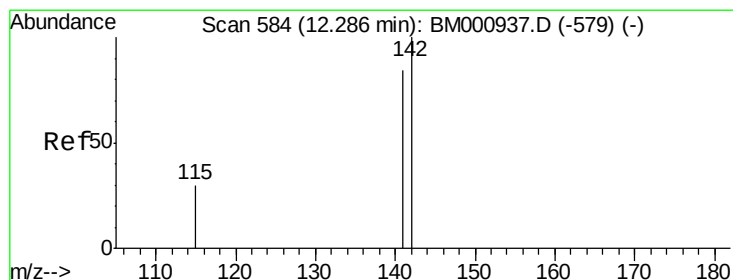
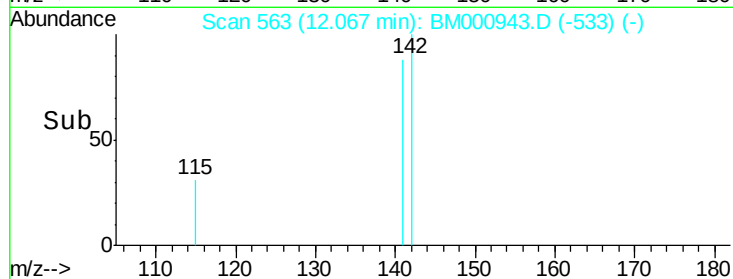
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#16

1-Methylnaphthalene

Concen: 0.01 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

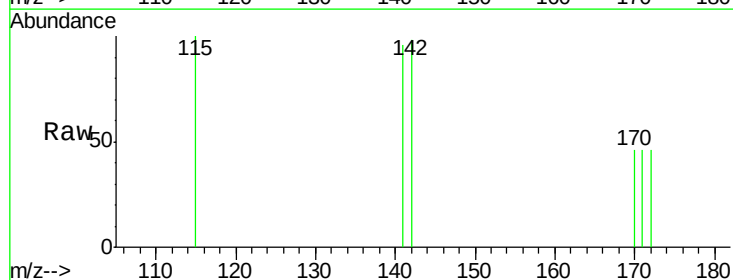
Tgt Ion:142 Resp: 106

Ion Ratio Lower Upper

142 100

141 98.0 66.7 100.1

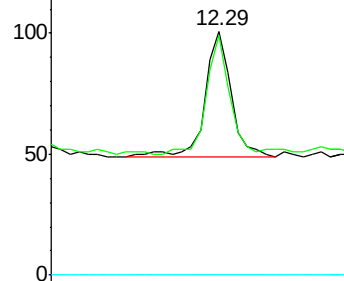
116 0.0 0.0 0.0



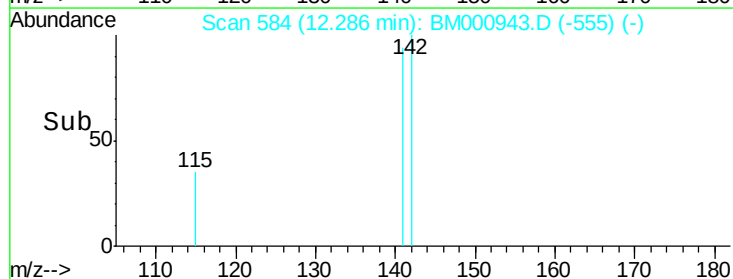
Abundance Ion 142.00 (141.70 to 142.70): E

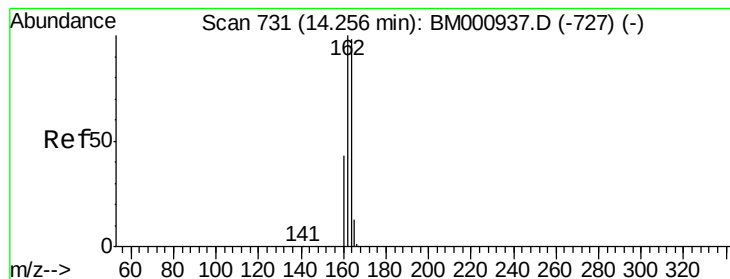
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

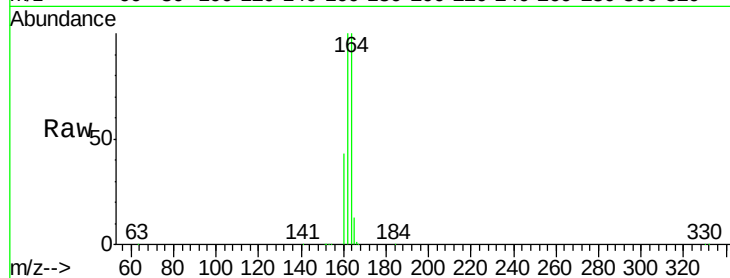
Tgt Ion:164 Resp: 51145

Ion Ratio Lower Upper

164 100

162 100.3 96.1 144.1

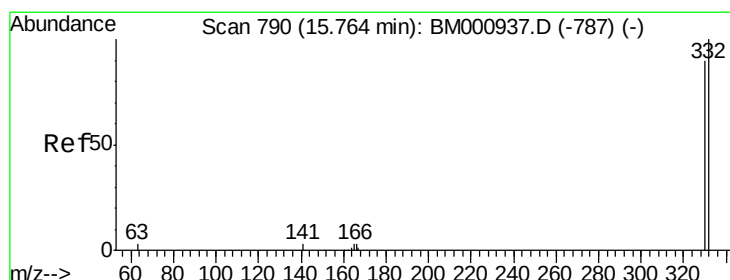
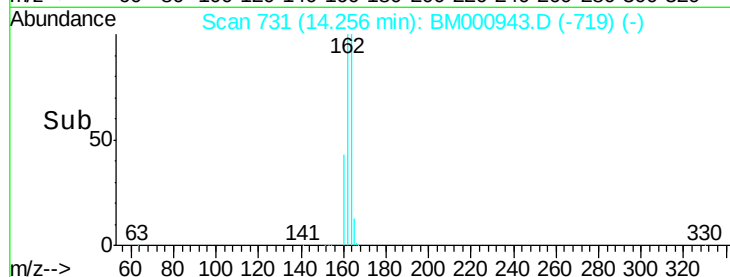
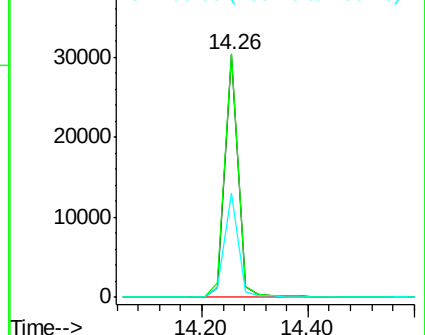
160 43.1 48.2 72.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#18

2,4,6-Tribromophenol

Concen: 9.55 ng

RT: 15.76 min Scan# 790

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

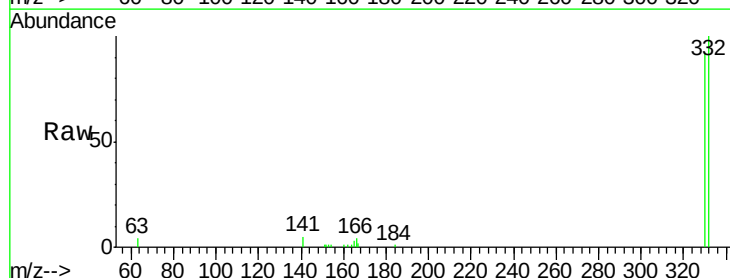
Tgt Ion:330 Resp: 20294

Ion Ratio Lower Upper

330 100

332 102.6 75.4 113.2

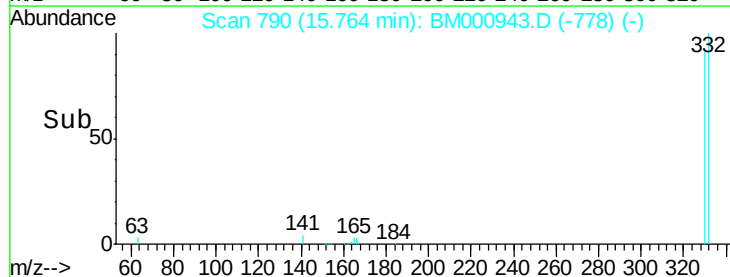
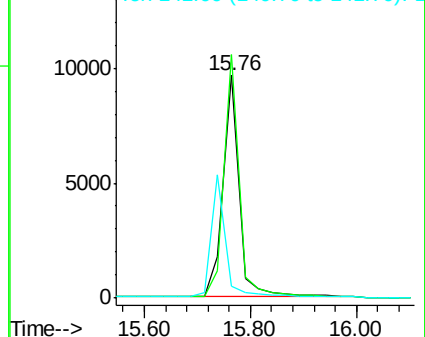
141 0.0 0.0 0.0

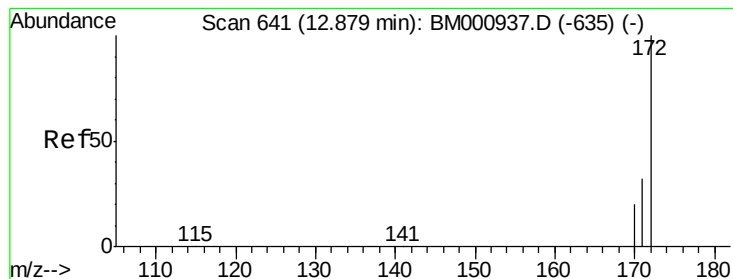


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#19

2-Fluorobiphenyl

Concen: 9.41 ng

RT: 12.88 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

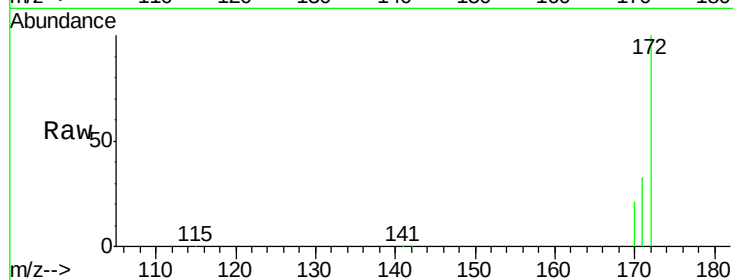
Tgt Ion:172 Resp: 134786

Ion Ratio Lower Upper

172 100

171 33.3 26.7 40.1

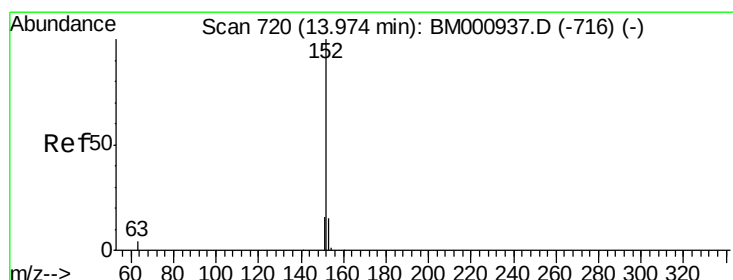
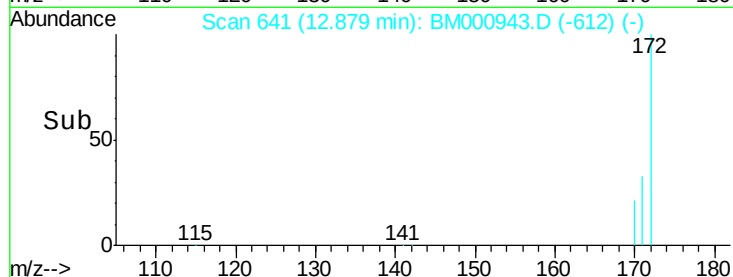
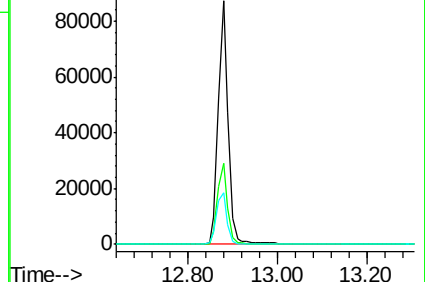
170 21.2 17.0 25.4



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: Below Cal

RT: 13.97 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

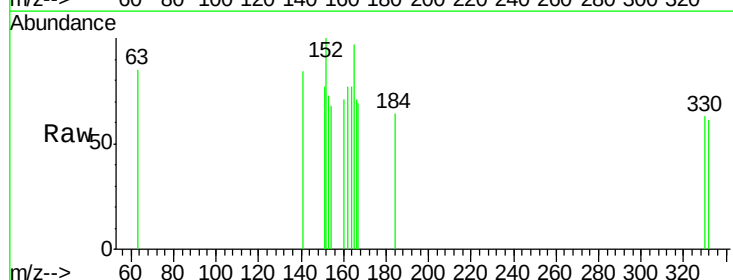
Tgt Ion:152 Resp: 52

Ion Ratio Lower Upper

152 100

151 77.3 15.4 23.0#

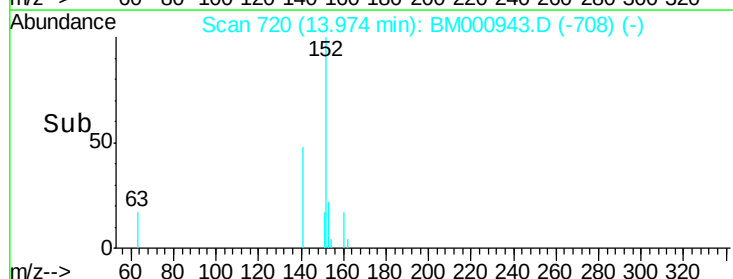
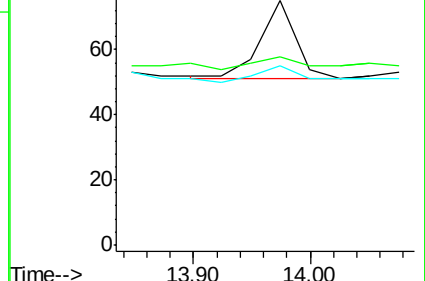
153 73.3 10.2 15.2#

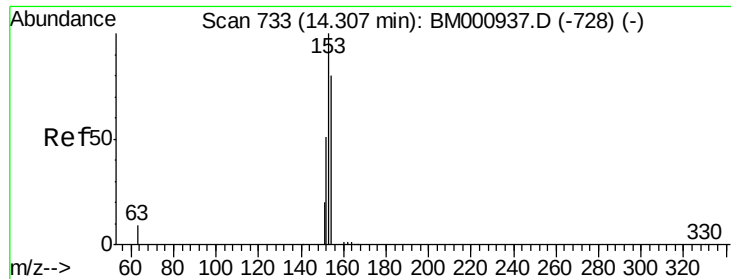


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#21

Acenaphthene

Concen: 0.02 ng

RT: 14.26 min Scan# 731

Delta R.T. -0.05 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

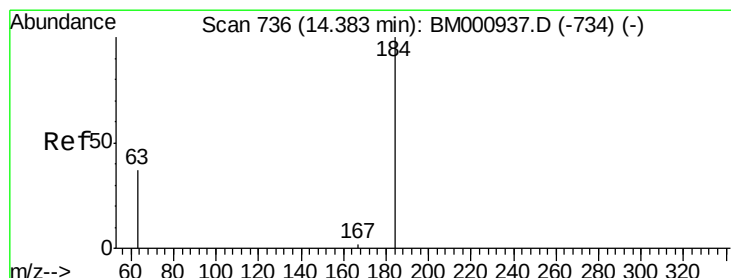
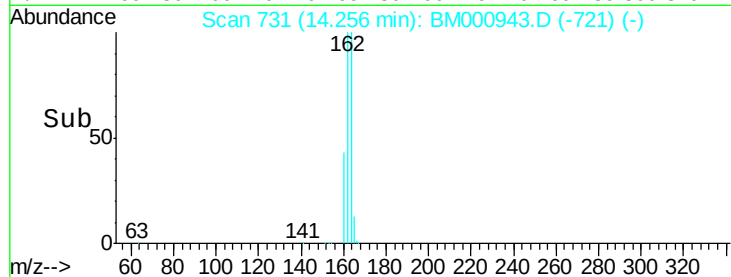
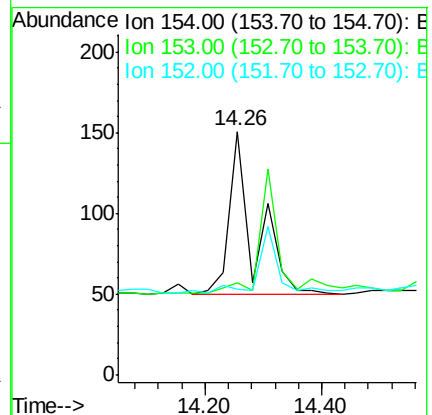
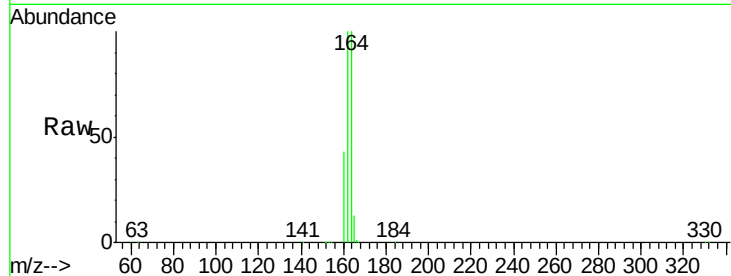
Tgt Ion:154 Resp: 304

Ion Ratio Lower Upper

154 100

153 37.7 73.7 110.5#

152 35.1 29.0 43.6



#22

2,4-Dinitrophenol

Concen: 0.24 ng

RT: 14.43 min Scan# 738

Delta R.T. 0.05 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

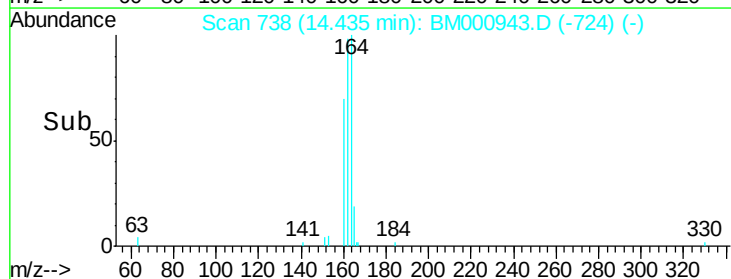
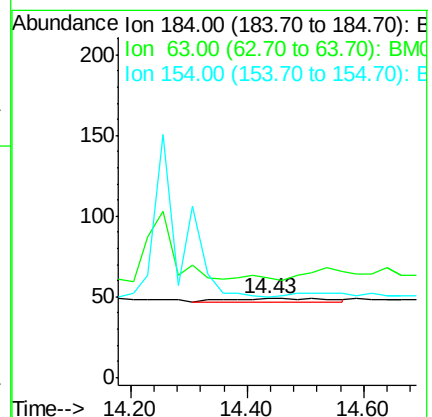
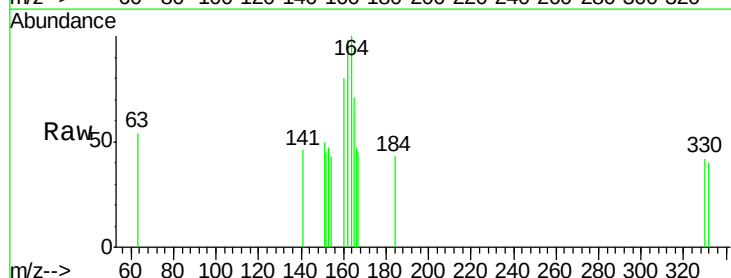
Tgt Ion:184 Resp: 20

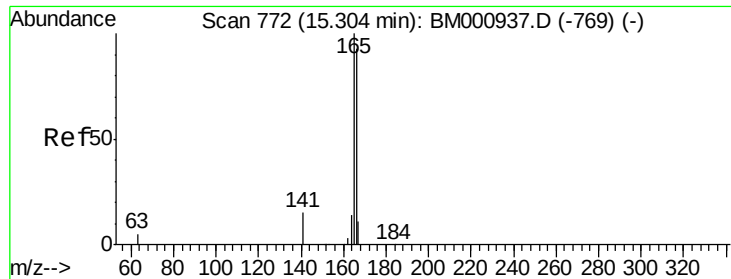
Ion Ratio Lower Upper

184 100

63 126.5 39.0 58.4#

154 102.0 43.8 65.8#

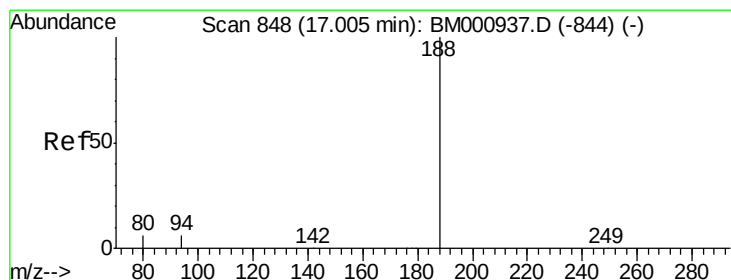
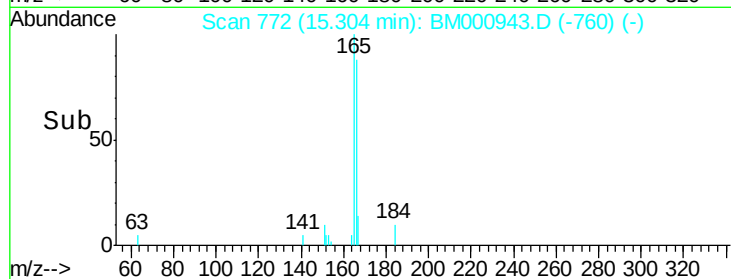
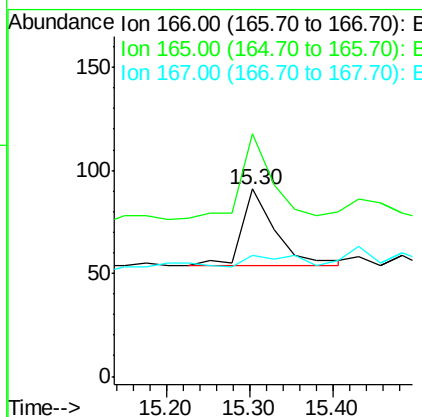
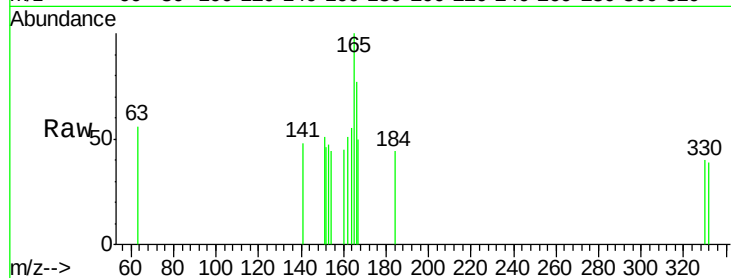




#23
 Fluorene
 Concen: 0.01 ng
 RT: 15.30 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

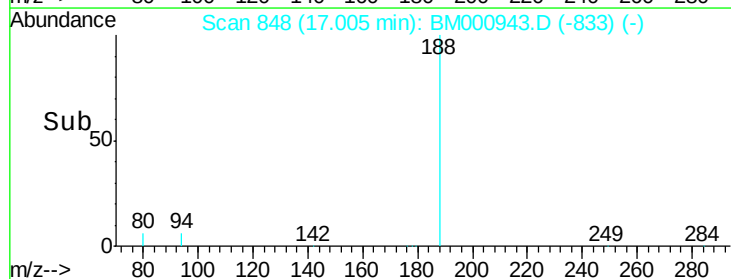
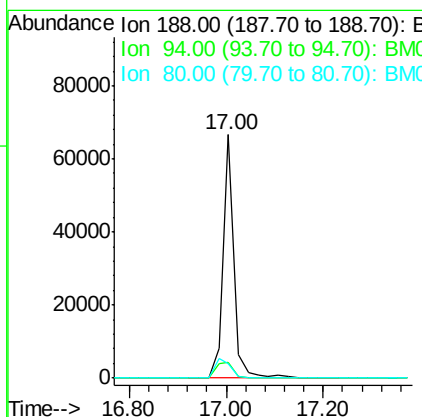
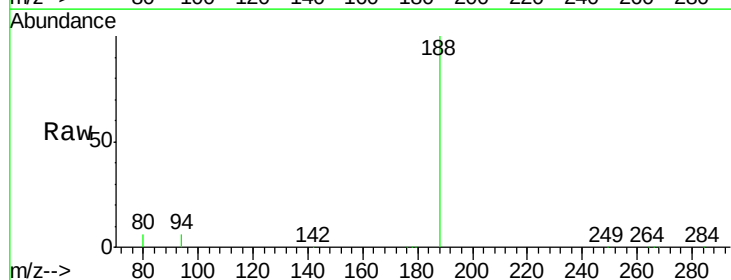
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW04

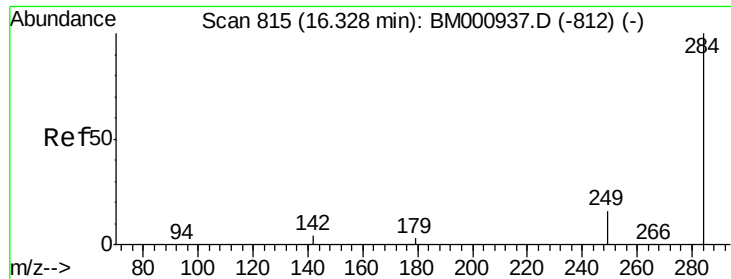
Tgt Ion:166 Resp: 101
 Ion Ratio Lower Upper
 166 100
 165 129.7 63.7 95.5#
 167 64.8 12.7 19.1#



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.00 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

Tgt Ion:188 Resp: 104449
 Ion Ratio Lower Upper
 188 100
 94 6.4 12.2 18.4#
 80 5.9 13.4 20.0#





#25

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.33 min Scan# 815

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

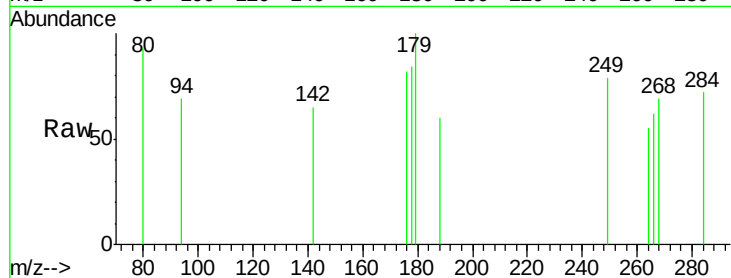
Tgt Ion:284 Resp: 26

Ion Ratio Lower Upper

284 100

142 90.2 16.2 24.2#

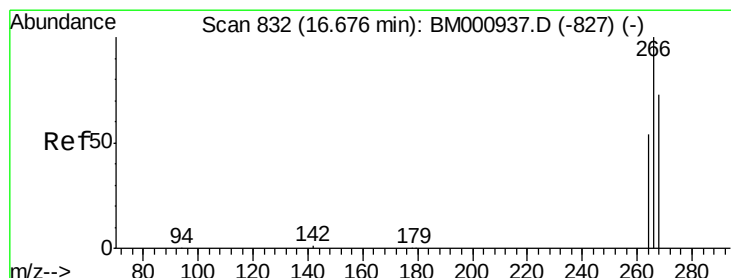
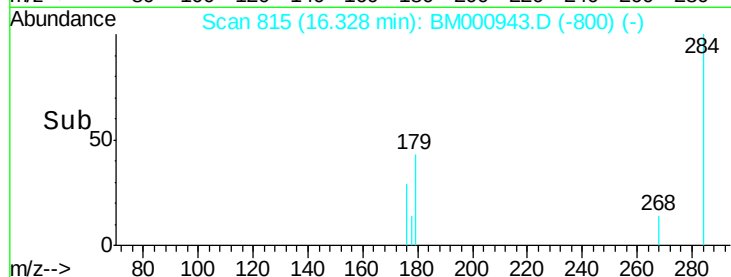
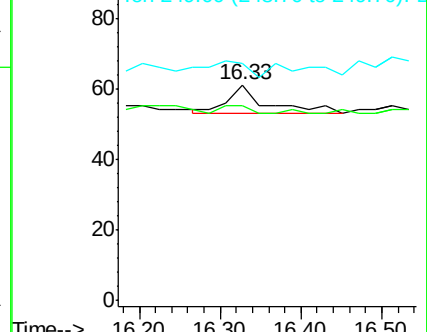
249 109.8 27.4 41.2#



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: 0.20 ng

RT: 16.68 min Scan# 832

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

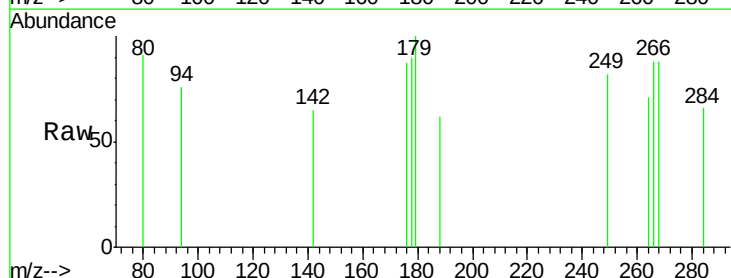
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 100.0 53.0 79.4#

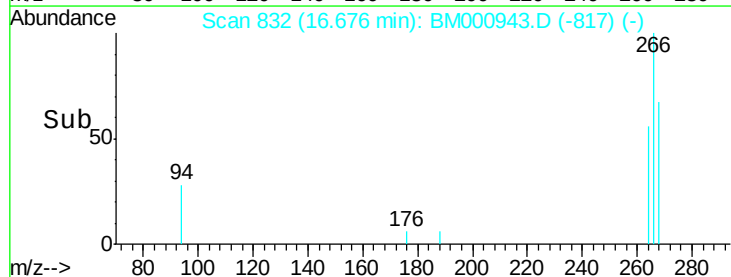
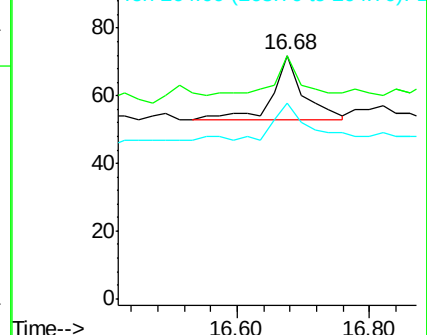
264 80.6 49.4 74.0#

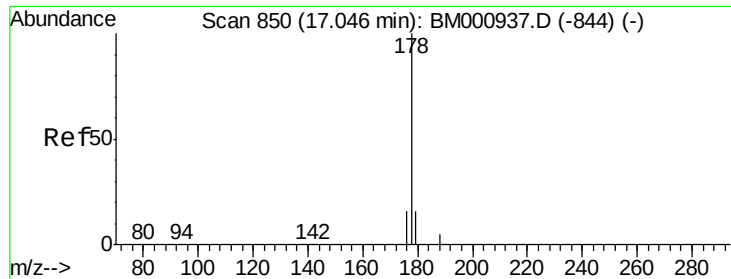


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#27

Phenanthrene

Concen: 0.01 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

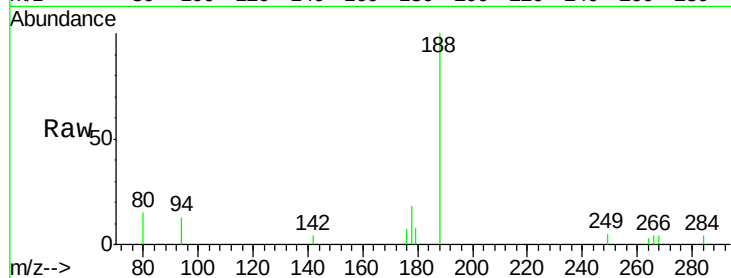
Tgt Ion:178 Resp: 391

Ion Ratio Lower Upper

178 100

176 37.0 16.0 24.0#

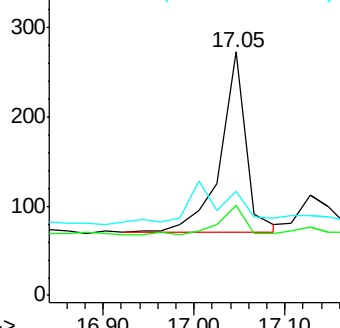
179 42.9 11.4 17.2#



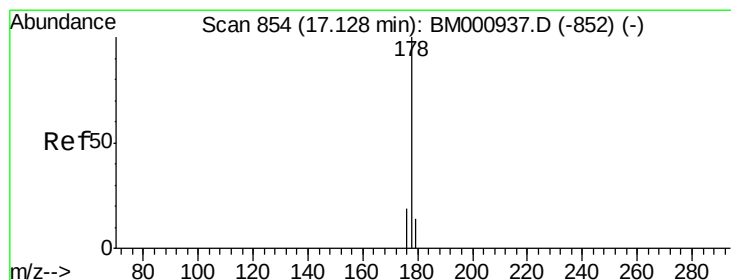
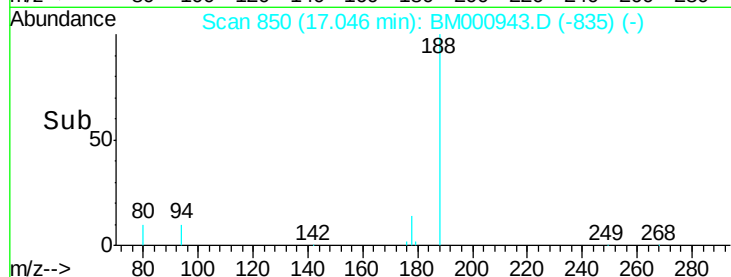
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#28

Anthracene

Concen: 0.00 ng

RT: 17.13 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

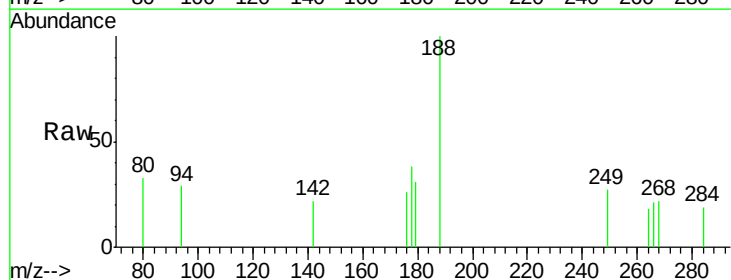
Tgt Ion:178 Resp: 110

Ion Ratio Lower Upper

178 100

176 68.1 12.7 19.1#

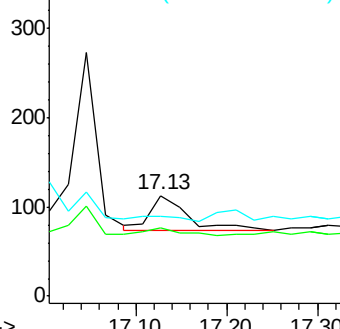
179 79.6 13.9 20.9#



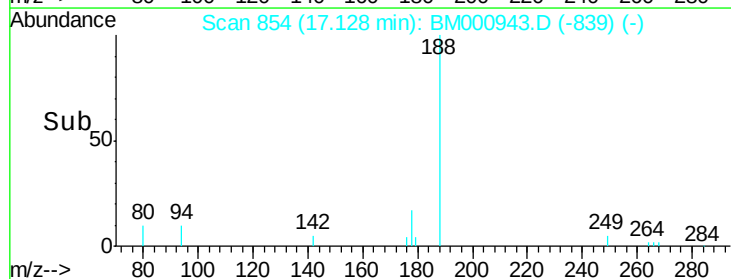
Abundance Ion 178.00 (177.70 to 178.70): E

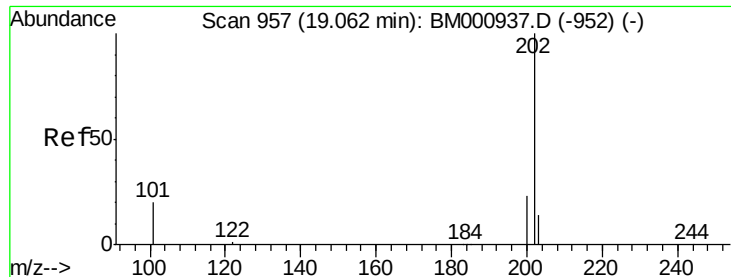
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

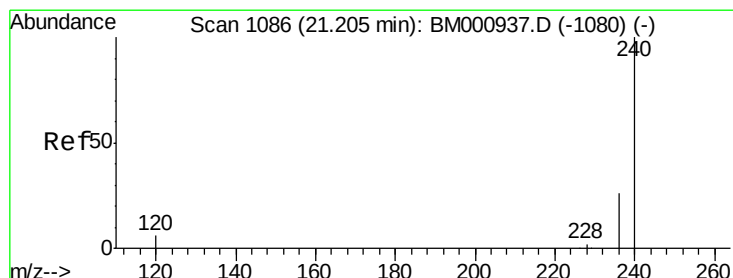
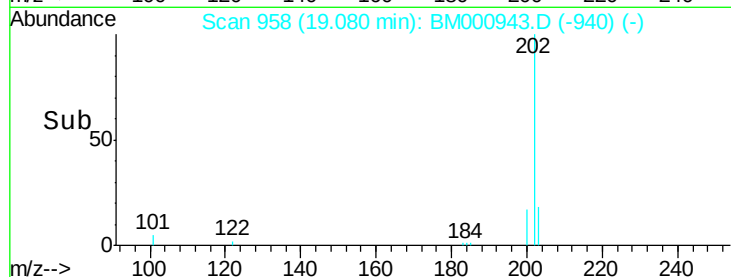
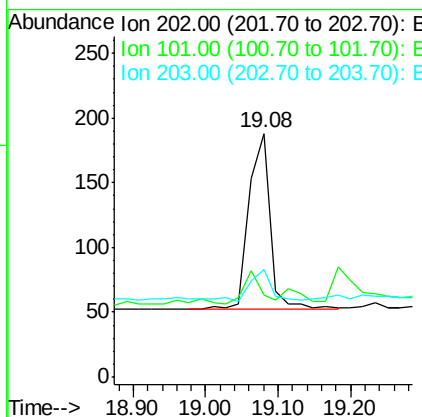
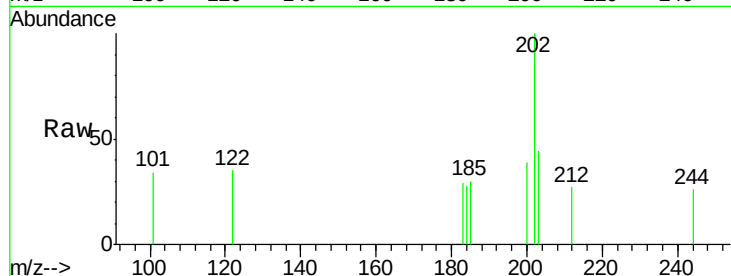




#29
 Fluoranthene
 Concen: 0.01 ng
 RT: 19.08 min Scan# 958
 Delta R.T. 0.02 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

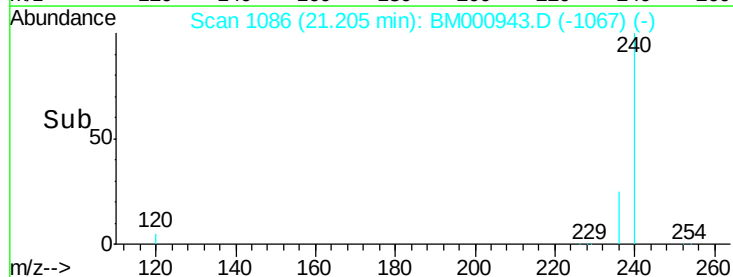
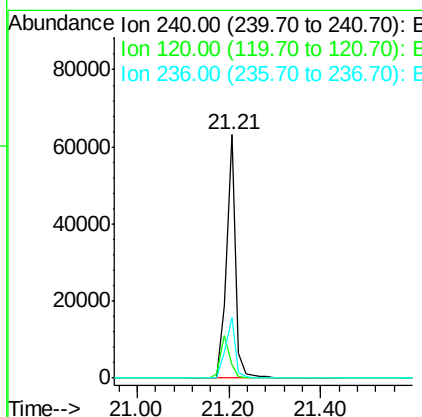
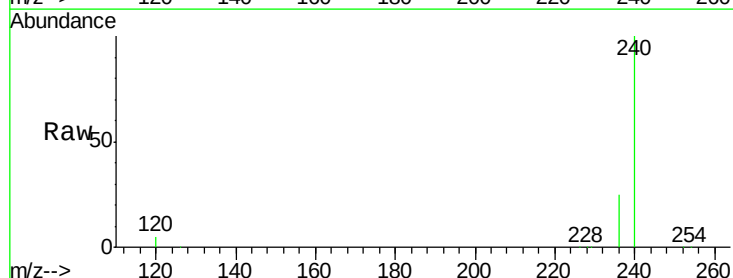
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW04

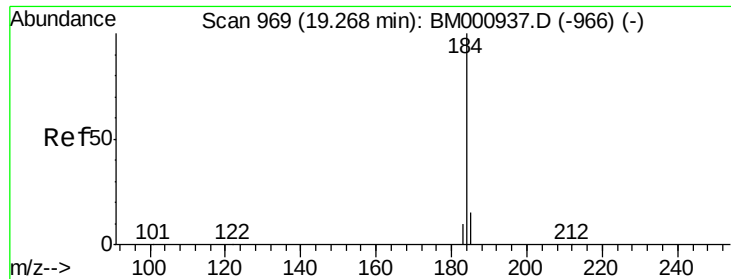
Tgt Ion: 202 Resp: 278
 Ion Ratio Lower Upper
 202 100
 101 33.5 0.0 24.1#
 203 44.1 0.0 38.4#



#30
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.21 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

Tgt Ion: 240 Resp: 85205
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.8 10.2#
 236 25.1 22.1 33.1





#31

Benzidine

Concen: 0.05 ng

RT: 19.32 min Scan# 972

Delta R.T. 0.05 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

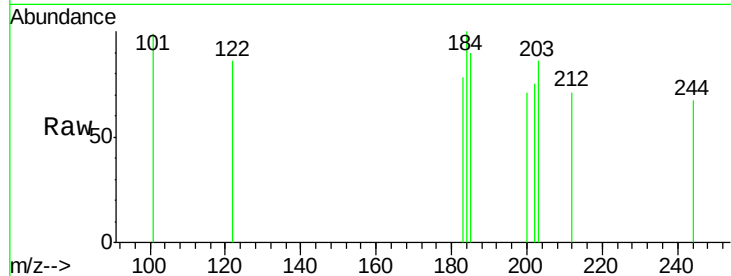
Tgt Ion:184 Resp: 169

Ion Ratio Lower Upper

184 100

185 90.4 12.2 18.4#

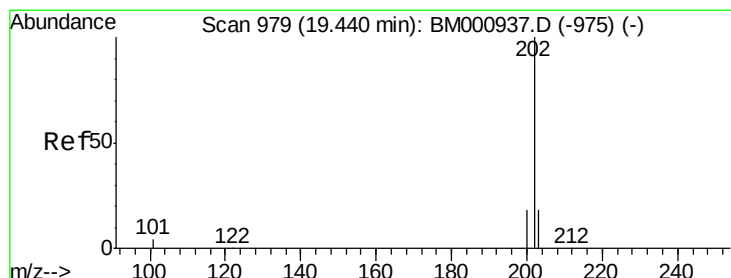
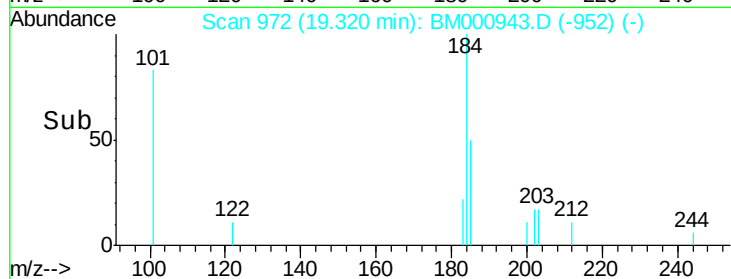
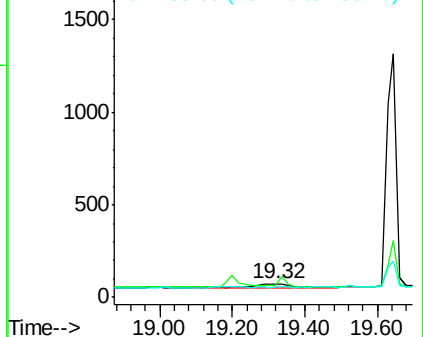
183 78.1 10.3 15.5#



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: 0.01 ng

RT: 19.44 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

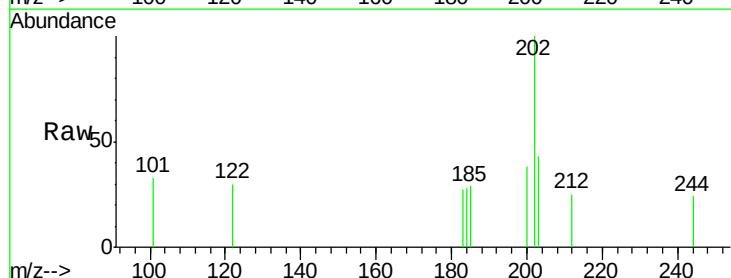
Tgt Ion:202 Resp: 260

Ion Ratio Lower Upper

202 100

200 38.5 16.2 24.4#

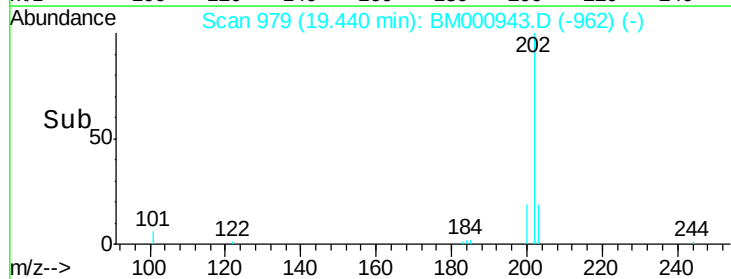
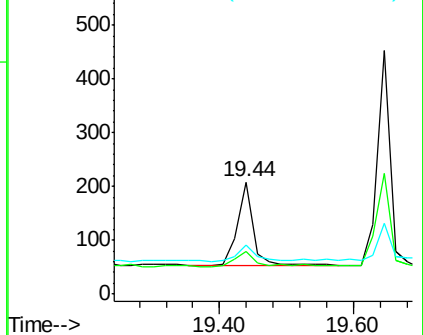
203 43.3 13.5 20.3#

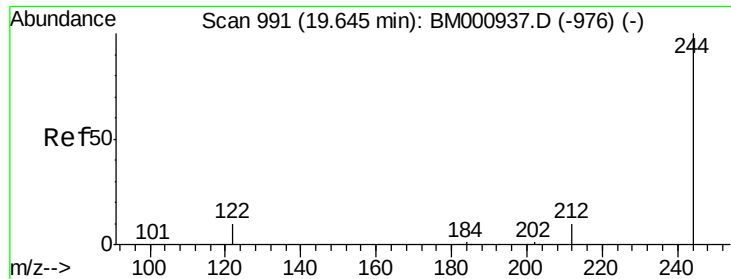


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

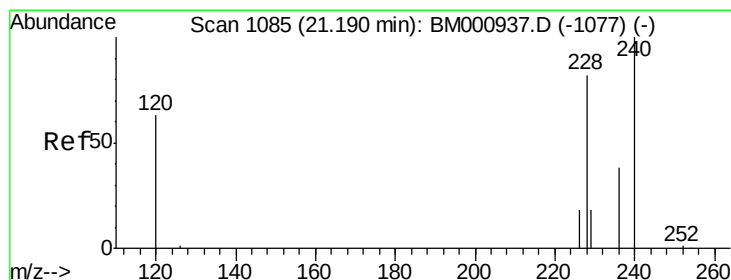
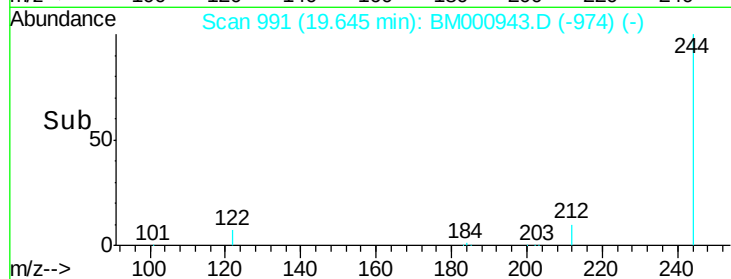
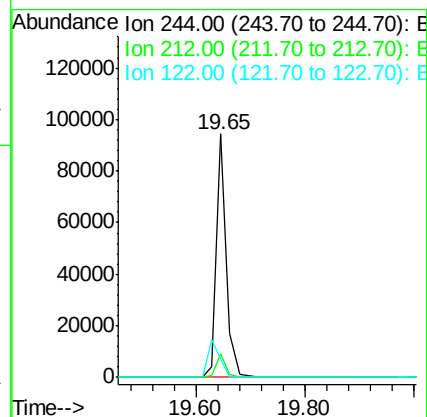
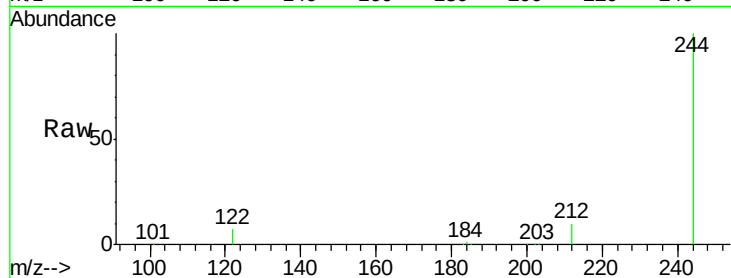




#33
 Terphenyl-d14
 Concen: 11.73 ng
 RT: 19.65 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

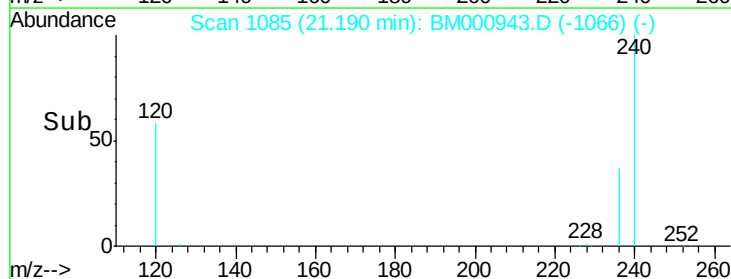
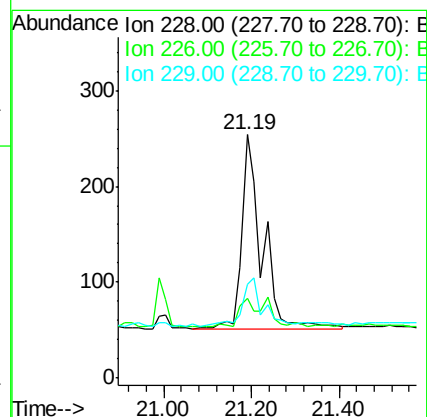
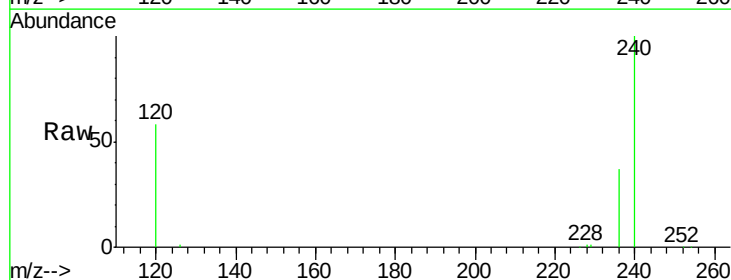
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW04

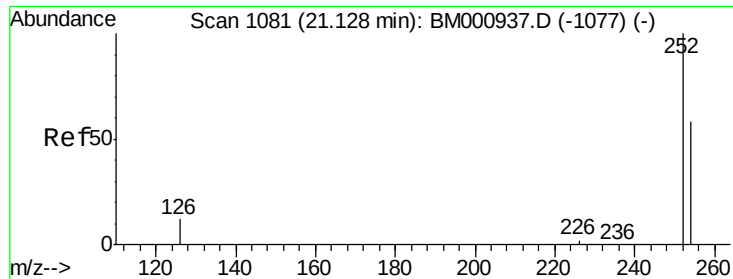
Tgt Ion:244 Resp: 121678
 Ion Ratio Lower Upper
 244 100
 212 9.6 9.4 14.0
 122 7.5 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.19 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

Tgt Ion:228 Resp: 644
 Ion Ratio Lower Upper
 228 100
 226 32.7 18.9 28.3#
 229 38.6 16.8 25.2#

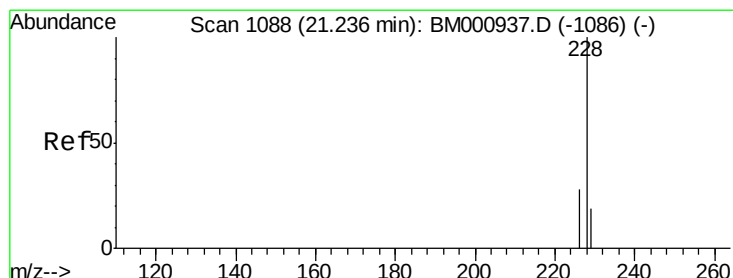
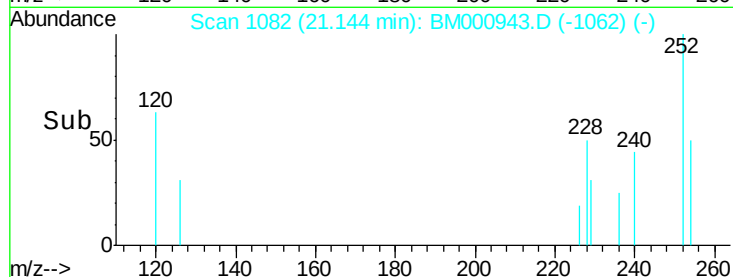
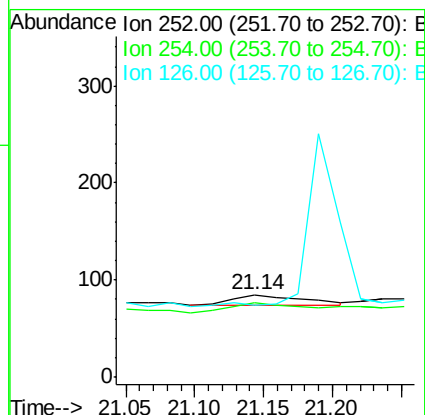
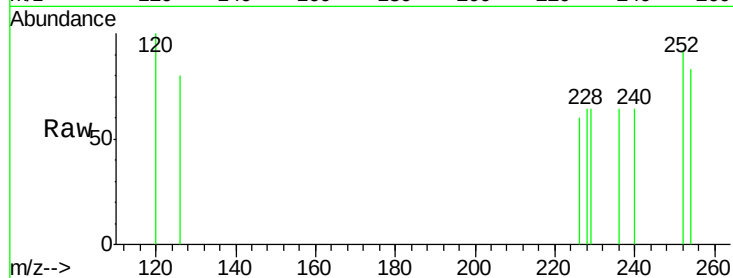




#35
 3,3'-Dichlorobenzidine
 Concen: 0.31 ng
 RT: 21.14 min Scan# 1082
 Delta R.T. 0.02 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

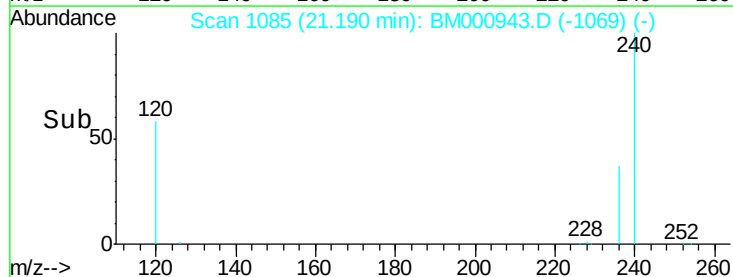
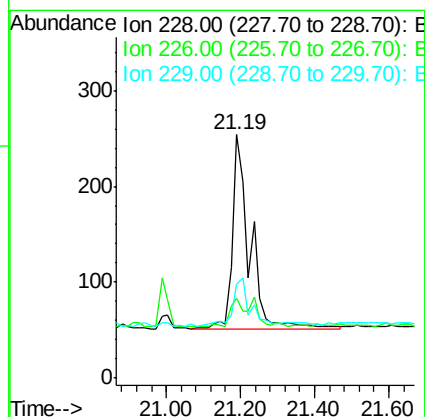
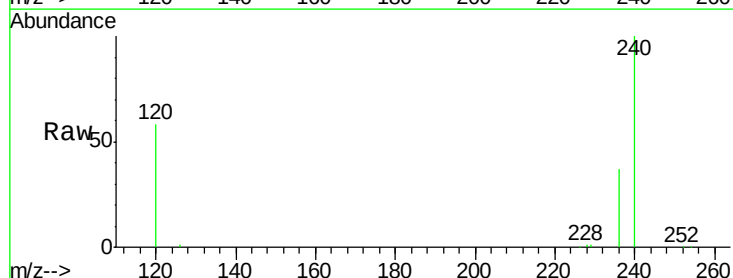
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW04

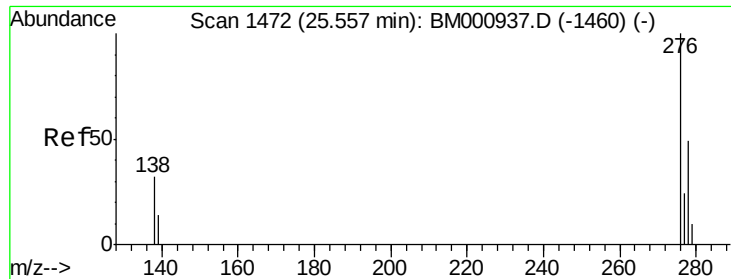
Tgt Ion: 252 Resp: 39
 Ion Ratio Lower Upper
 252 100
 254 89.4 43.4 65.2#
 126 87.1 12.3 18.5#



#36
 Chrysene
 Concen: 0.03 ng
 RT: 21.19 min Scan# 1085
 Delta R.T. -0.05 min
 Lab File: BM000943.D
 Acq: 10 Apr 2015 17:26

Tgt Ion: 228 Resp: 654
 Ion Ratio Lower Upper
 228 100
 226 32.7 23.4 35.2
 229 38.6 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: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

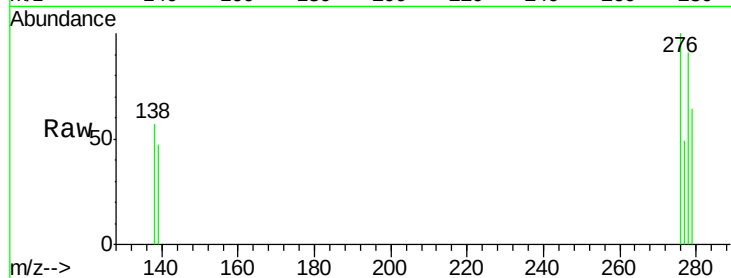
Tgt Ion: 276 Resp: 608

Ion Ratio Lower Upper

276 100

138 38.7 26.6 40.0

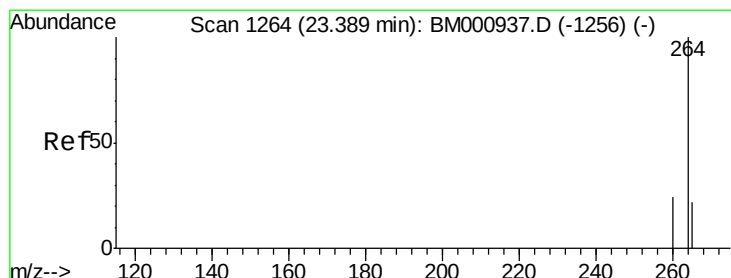
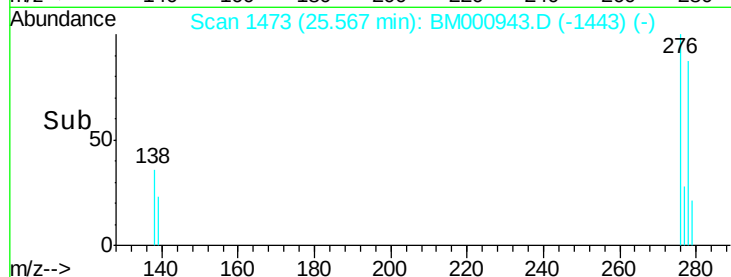
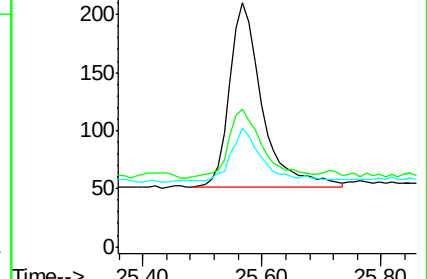
277 24.3 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#38

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

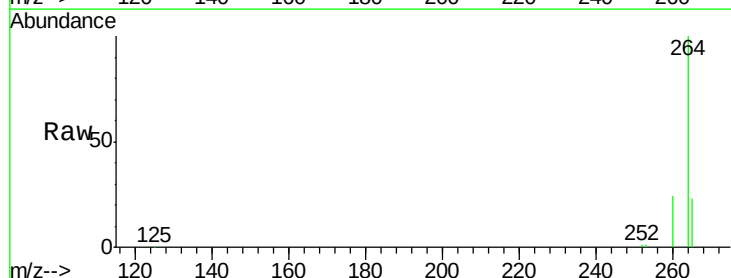
Tgt Ion: 264 Resp: 75811

Ion Ratio Lower Upper

264 100

260 23.9 20.6 30.8

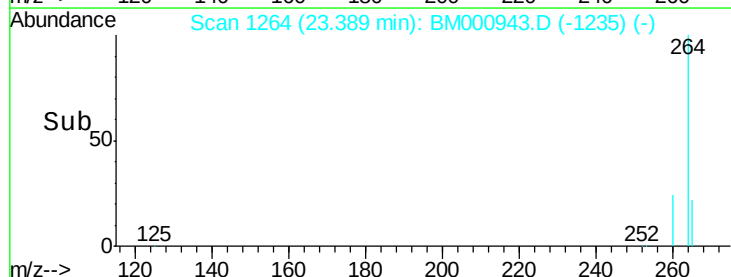
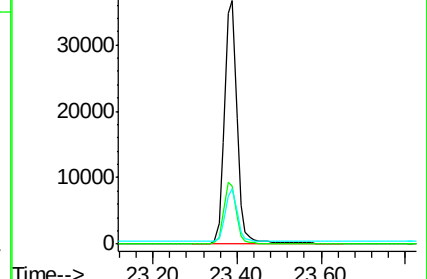
265 22.9 16.4 24.6

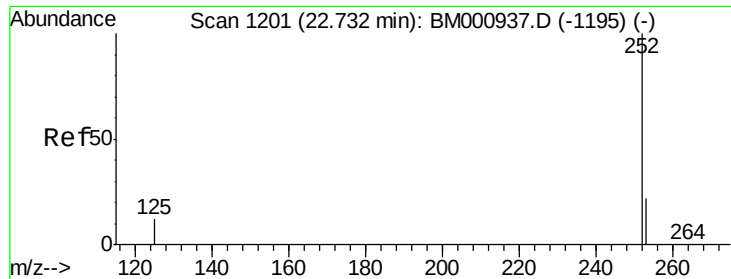


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#39

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.73 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

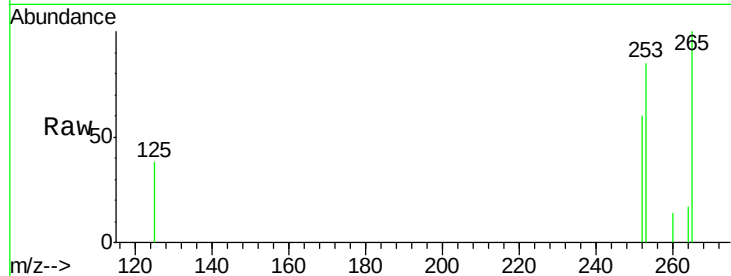
Tgt Ion: 252 Resp: 215

Ion Ratio Lower Upper

252 100

253 141.9 16.9 25.3#

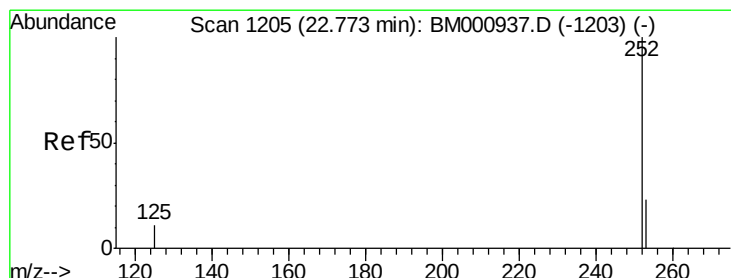
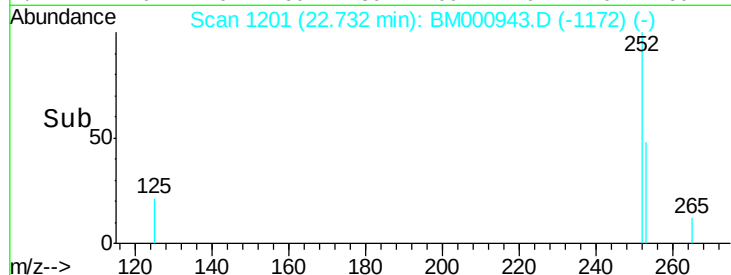
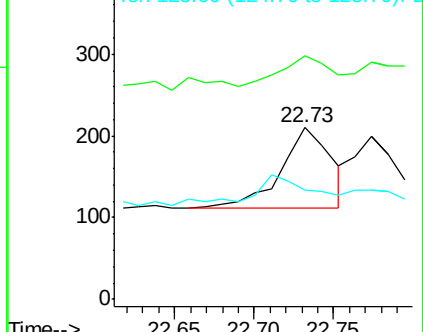
125 63.8 11.3 16.9#



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: BM000943.D

Acq: 10 Apr 2015 17:26

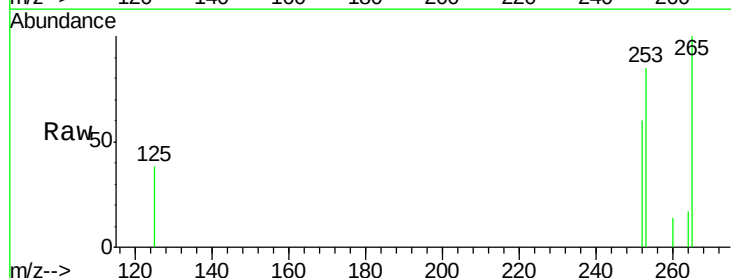
Tgt Ion: 252 Resp: 215

Ion Ratio Lower Upper

252 100

253 141.9 16.9 25.3#

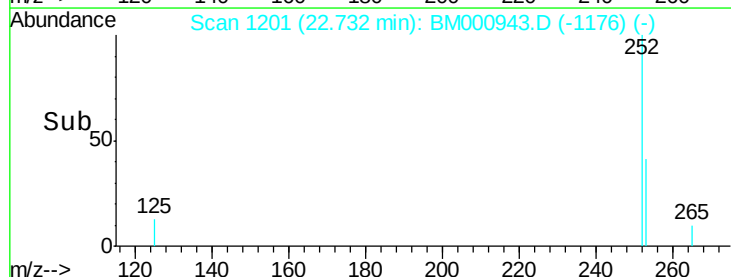
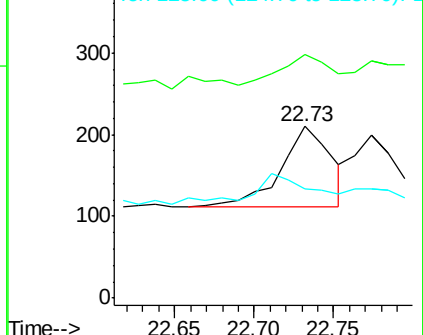
125 63.8 11.2 16.8#

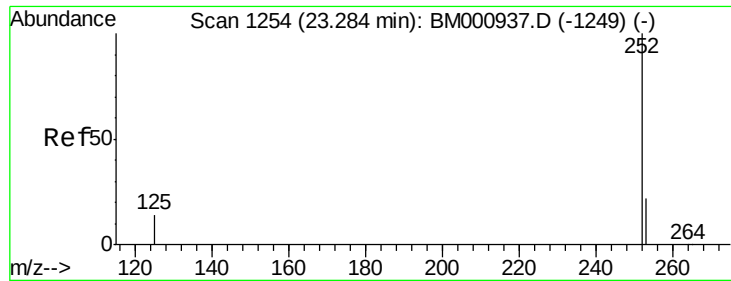


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM000943.D

Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04

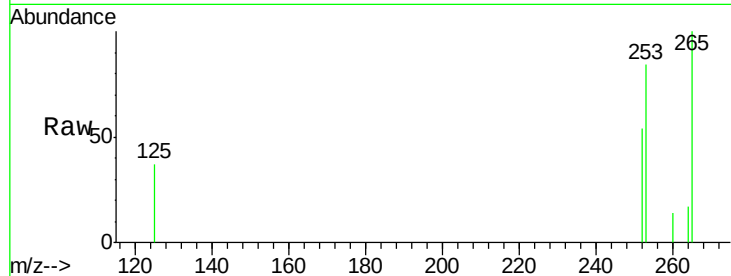
Tgt Ion: 252 Resp: 194

Ion Ratio Lower Upper

252 100

253 155.4 19.0 28.4#

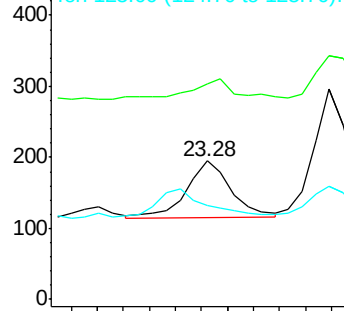
125 68.2 11.0 16.6#



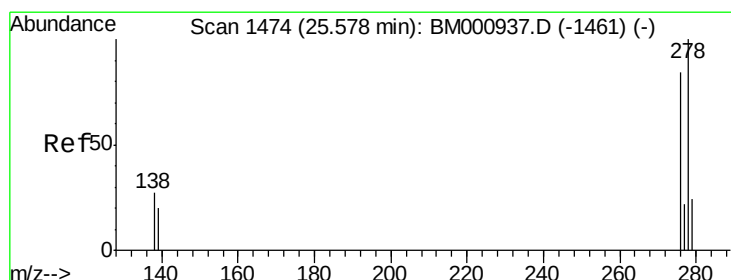
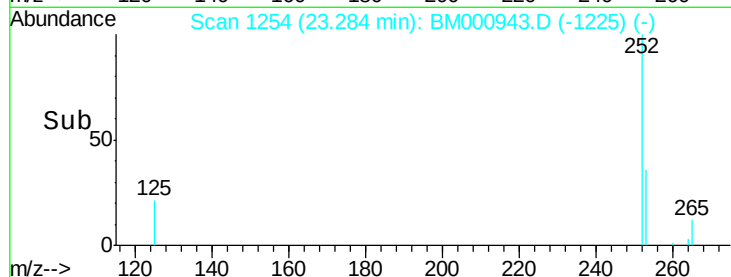
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#42

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 25.58 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BM000943.D

Acq: 10 Apr 2015 17:26

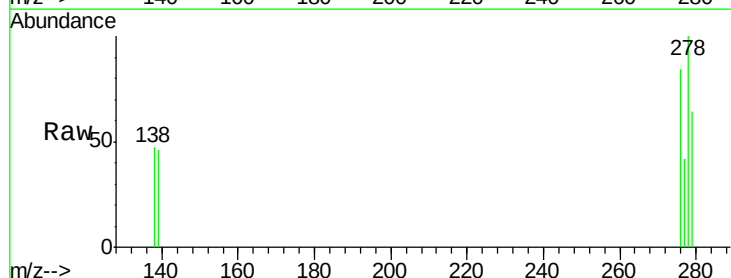
Tgt Ion: 278 Resp: 724

Ion Ratio Lower Upper

278 100

139 46.3 17.8 26.8#

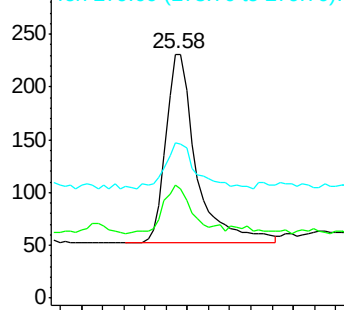
279 63.6 19.0 28.6#



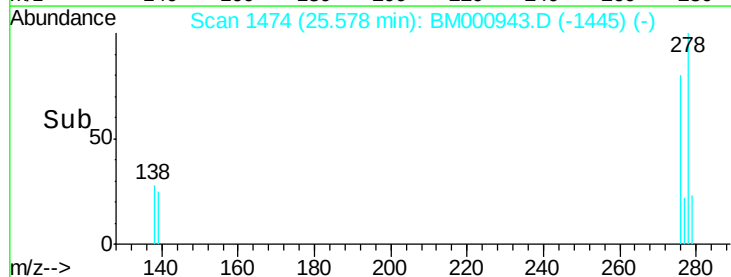
Abundance Ion 278.00 (277.70 to 278.70): E

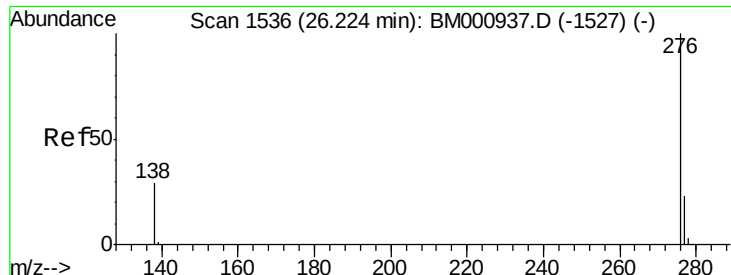
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#43

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.23 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM000943.D

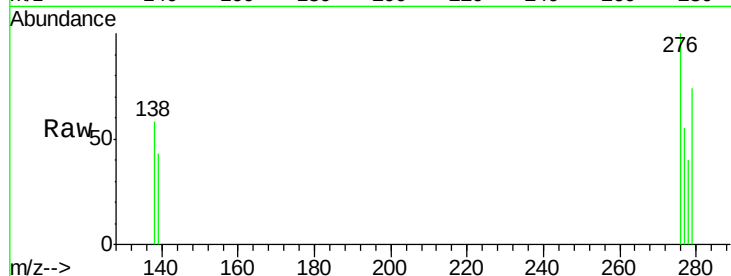
Acq: 10 Apr 2015 17:26

Instrument :

BNA_M

ClientSampleId :

LS-SW04



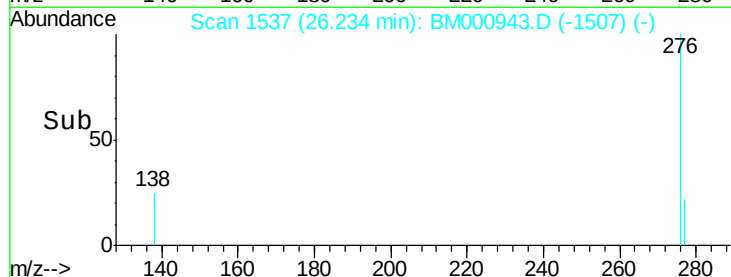
Tgt Ion: 276 Resp: 368

Ion Ratio Lower Upper

276 100

277 54.9 19.4 29.0#

138 57.6 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

