

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000948.D
 Acq On : 10 Apr 2015 20:25
 Operator : TP/IZ
 Sample : G1757-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

Quant Time: Apr 10 23:24:55 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	27822	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	103133	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	43686	5.00	ng	-0.01
24) Phenanthrene-d10	16.99	188	100943	5.00	ng	-0.01
30) Chrysene-d12	21.20	240	88577	5.00	ng	0.00
38) Perylene-d12	23.39	264	83403	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	24899	4.23	ng	0.00
5) Phenol-d6	6.78	99	19720	2.80	ng	0.00
9) Nitrobenzene-d5	8.76	82	39773	7.99	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	25926	14.21	ng	-0.01
19) 2-Fluorobiphenyl	12.88	172	125754	10.28	ng	0.00
33) Terphenyl-d14	19.66	244	116061	10.76	ng	0.01

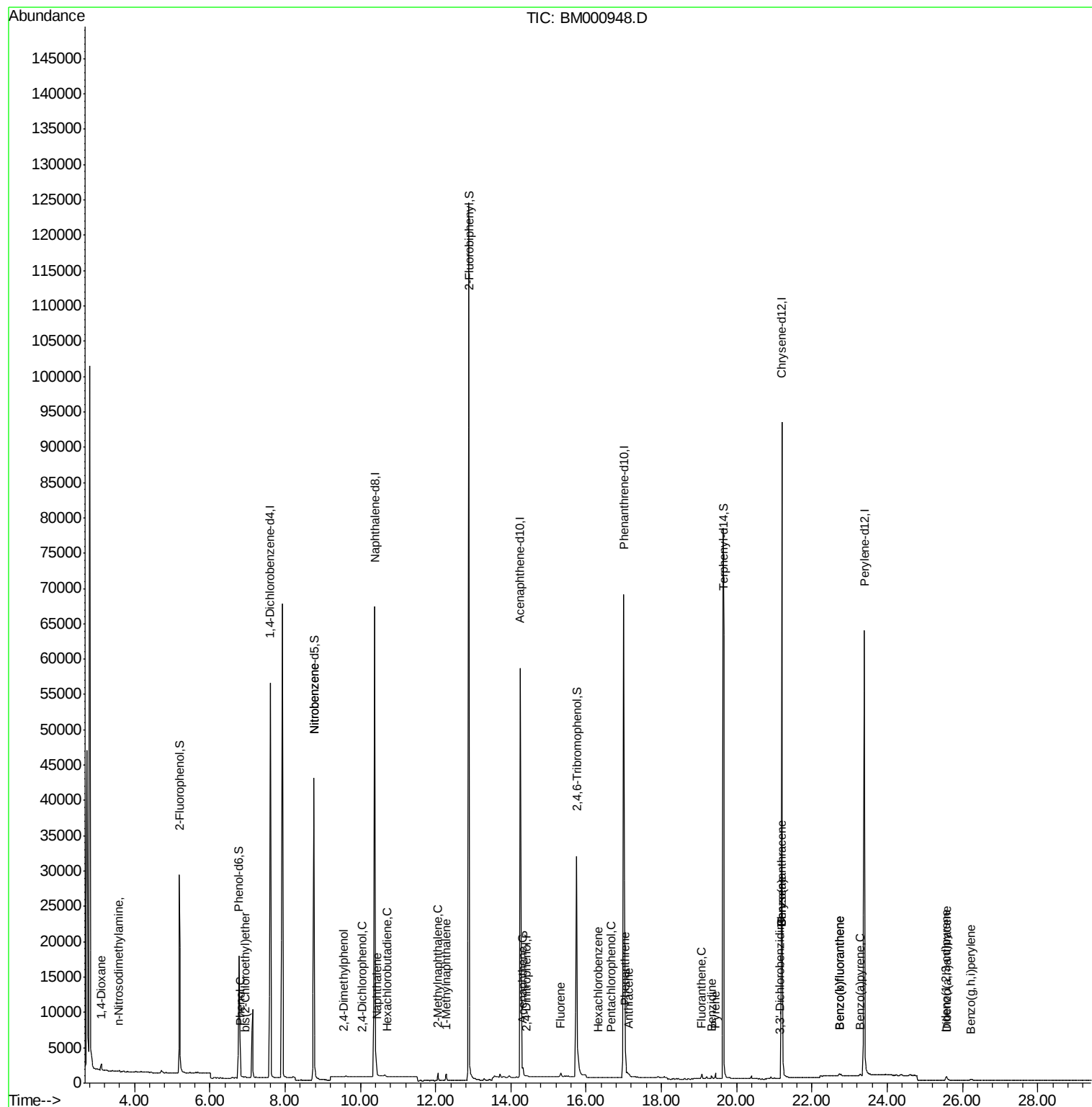
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	1228	0.40	ng	# 71
3) n-Nitrosodimethylamine	3.58	42	112	0.04	ng	# 1
6) Phenol	6.82	94	645	0.09	ng	# 56
7) bis(2-Chloroethyl)ether	6.95	93	142	0.02	ng	# 68
10) Nitrobenzene	8.76	77	143	0.20	ng	# 62
11) 2,4-Dimethylphenol	9.56	122	83	0.01	ng	# 78
12) 2,4-Dichlorophenol	10.05	162	34	0.01	ng	# 48
13) Naphthalene	10.44	128	2551	0.12	ng	# 90
14) Hexachlorobutadiene	10.71	225	8	0.00	ng	# 54
15) 2-Methylnaphthalene	12.06	142	973	0.07	ng	# 89
16) 1-Methylnaphthalene	12.29	142	737	0.05	ng	# 92
20) Acenaphthylene	13.96	152	114	Below Cal		# 1
21) Acenaphthene	14.32	154	1060	0.09	ng	# 93
22) 2,4-Dinitrophenol	14.40	184	15	0.23	ng	# 1
23) Fluorene	15.32	166	538	0.04	ng	# 78
25) Hexachlorobenzene	16.32	284	34	0.01	ng	# 1
26) Pentachlorophenol	16.67	266	55	0.20	ng	# 68
27) Phenanthrene	17.04	178	2161	0.08	ng	# 89
28) Anthracene	17.14	178	484	0.02	ng	# 52
29) Fluoranthene	19.07	202	781	0.03	ng	# 77
31) Benzidine	19.33	184	116	0.04	ng	# 1
32) Pyrene	19.43	202	822	0.03	ng	# 82
34) Benzo(a)anthracene	21.18	228	982	0.04	ng	# 70
35) 3,3'-Dichlorobenzidine	21.14	252	80	0.31	ng	# 28
36) Chrysene	21.18	228	982	0.04	ng	# 76
37) Indeno(1,2,3-cd)pyrene	25.57	276	603	0.02	ng	# 95
39) Benzo(b)fluoranthene	22.73	252	367	0.01	ng	# 1
40) Benzo(k)fluoranthene	22.73	252	367	0.01	ng	# 1
41) Benzo(a)pyrene	23.28	252	288	0.01	ng	# 1
42) Dibenzo(a,h)anthracene	25.58	278	637	0.03	ng	# 24
43) Benzo(g,h,i)perylene	26.22	276	408	0.02	ng	# 40

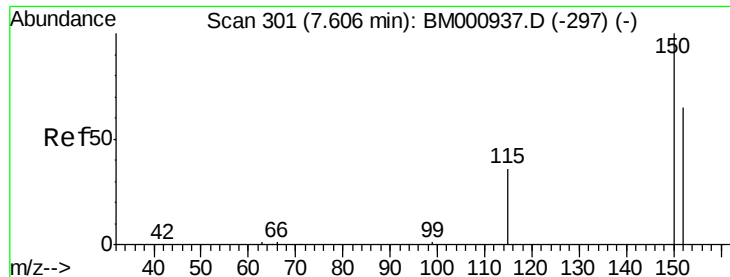
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041015\
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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: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

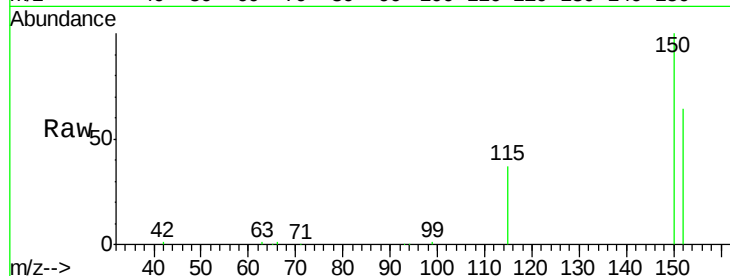
Tgt Ion: 152 Resp: 27822

Ion Ratio Lower Upper

152 100

150 155.9 125.4 188.2

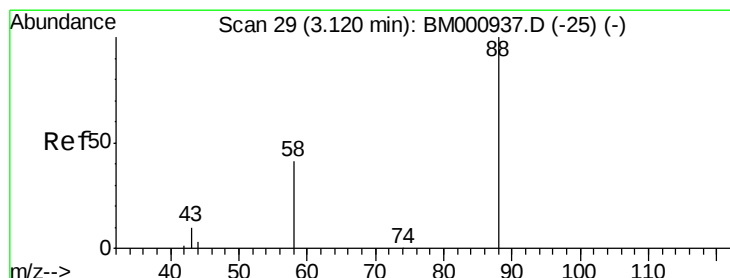
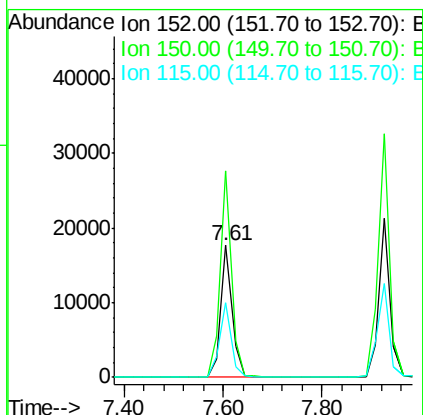
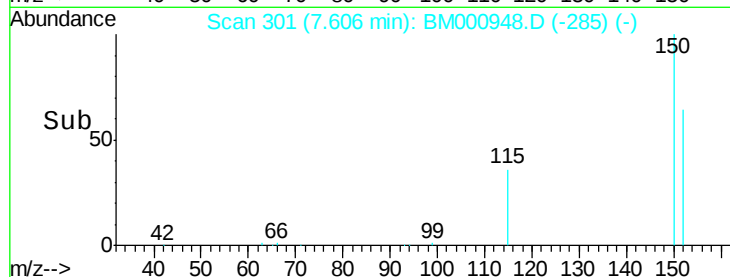
115 56.9 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.40 ng

RT: 3.12 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

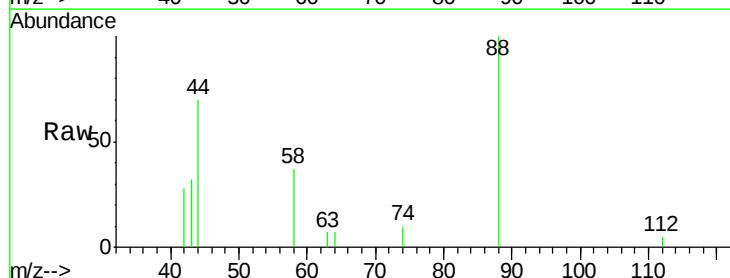
Tgt Ion: 88 Resp: 1228

Ion Ratio Lower Upper

88 100

58 48.1 63.0 94.6#

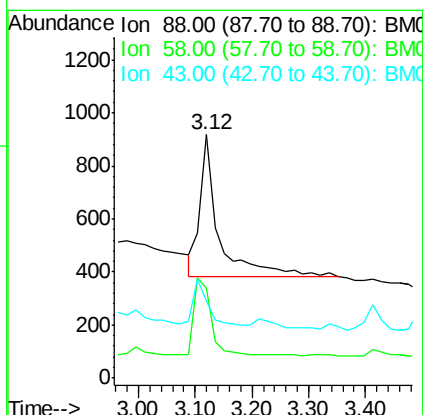
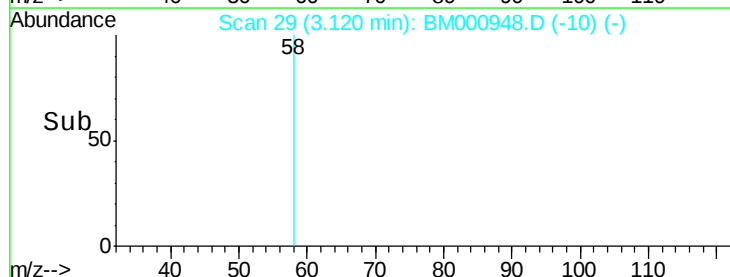
43 24.8 27.0 40.4#

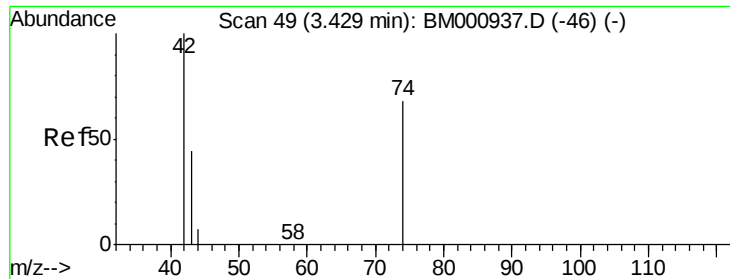


Abundance Ion 88.00 (87.70 to 88.70): BM0

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: 3.58 min Scan# 59

Delta R.T. 0.15 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

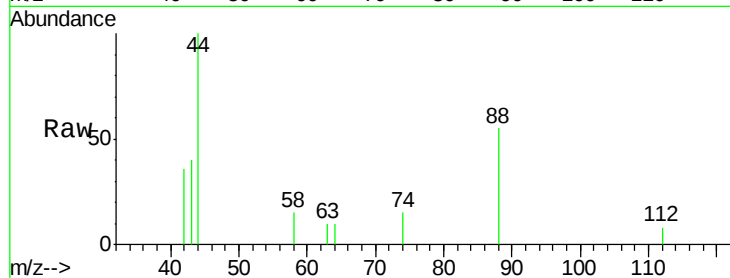
Tgt Ion: 42 Resp: 112

Ion Ratio Lower Upper

42 100

74 40.7 26.0 39.0#

44 274.2 29.0 43.4#

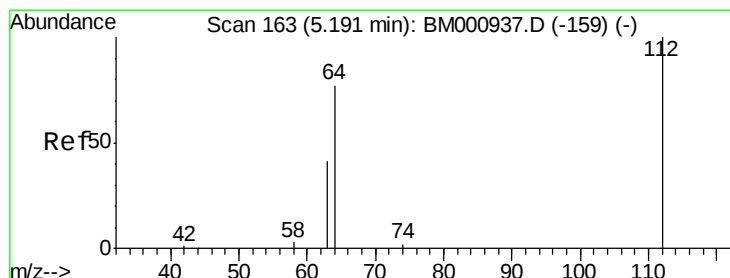
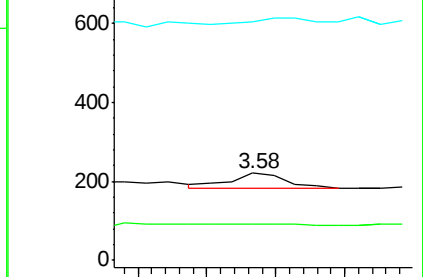
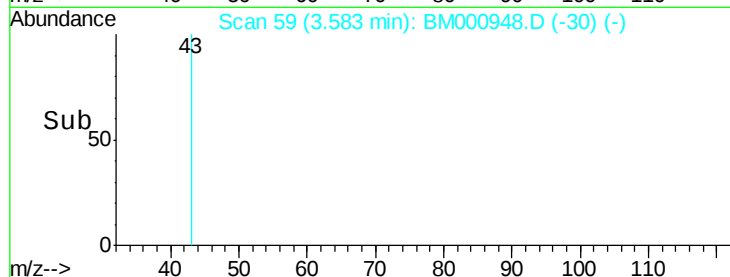


Abundance Ion 42.00 (41.70 to 42.70): BM000937.D (-46) (-)

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: 4.23 ng

RT: 5.19 min Scan# 163

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

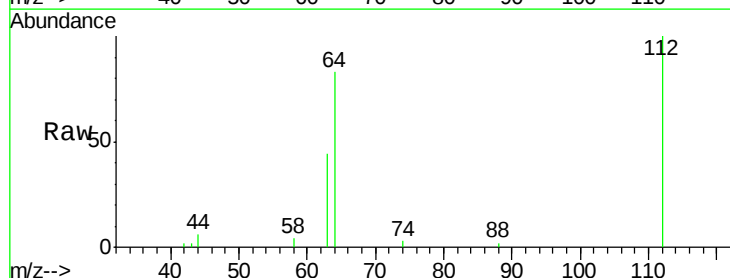
Tgt Ion: 112 Resp: 24899

Ion Ratio Lower Upper

112 100

64 82.6 31.8 47.8#

63 44.5 14.5 21.7#

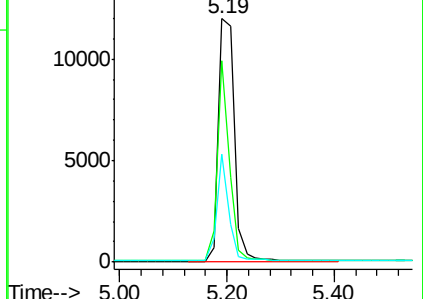
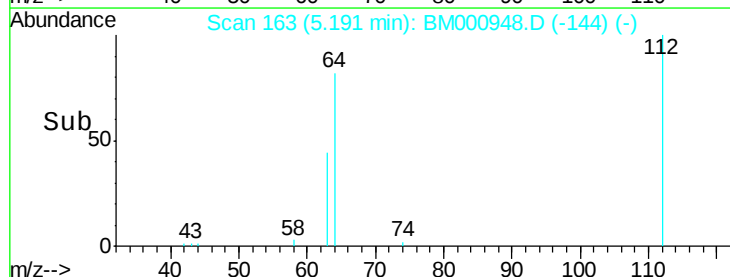


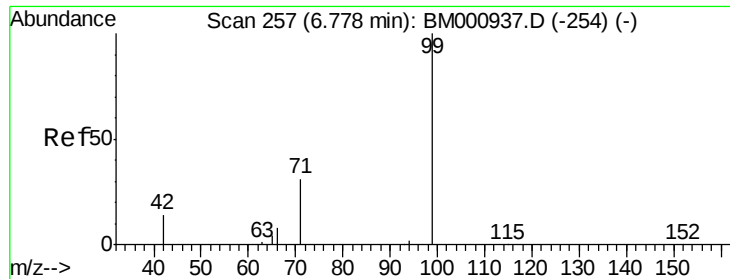
Abundance Ion 112.00 (111.70 to 112.70): BM000937.D (-159) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 2.80 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampled :

LS-SW02

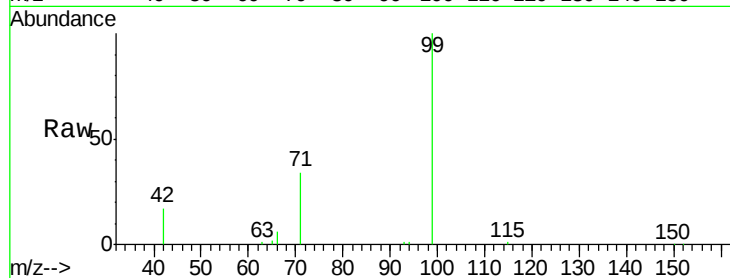
Tgt Ion: 99 Resp: 19720

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

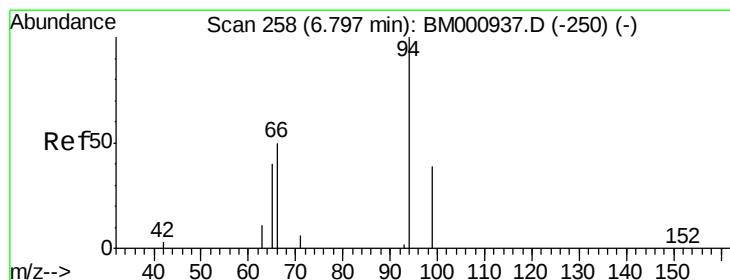
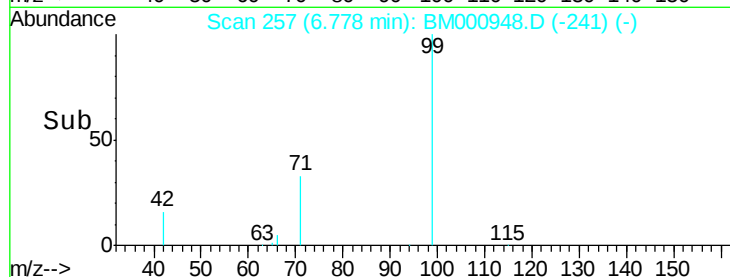
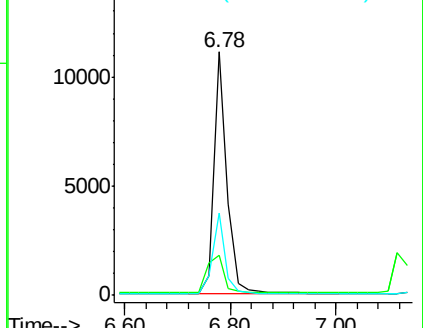
71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000948.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM000948.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM000948.D (-254) (-)



#6

Phenol

Concen: 0.09 ng

RT: 6.82 min Scan# 259

Delta R.T. 0.02 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

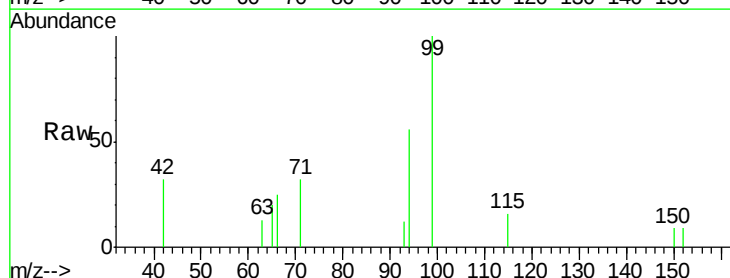
Tgt Ion: 94 Resp: 645

Ion Ratio Lower Upper

94 100

65 35.4 0.0 36.0

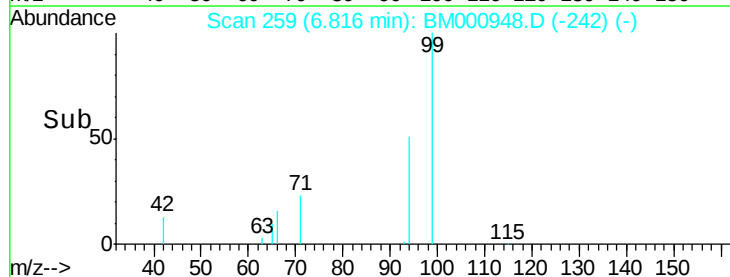
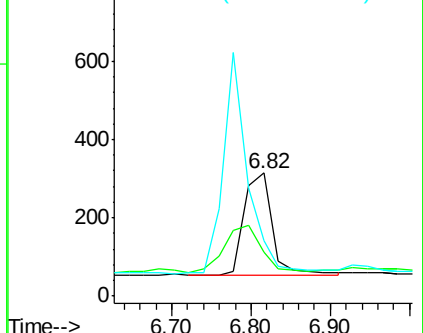
66 44.6 3.7 43.7#

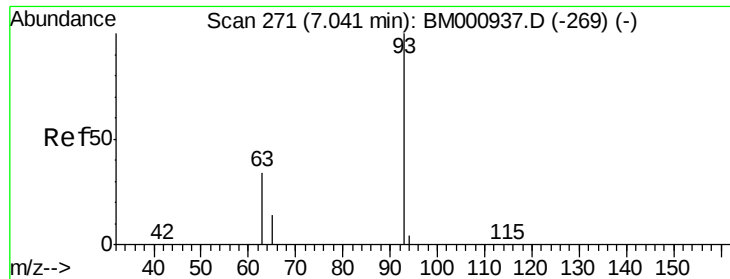


Abundance Ion 94.00 (93.70 to 94.70): BM000948.D (-250) (-)

Ion 65.00 (64.70 to 65.70): BM000948.D (-250) (-)

Ion 66.00 (65.70 to 66.70): BM000948.D (-250) (-)





#7

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 6.95 min Scan# 266

Delta R.T. -0.09 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

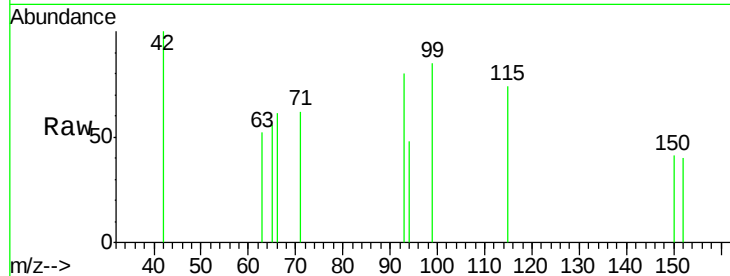
Tgt Ion: 93 Resp: 142

Ion Ratio Lower Upper

93 100

63 64.6 24.0 64.0#

95 0.0 0.0 20.0

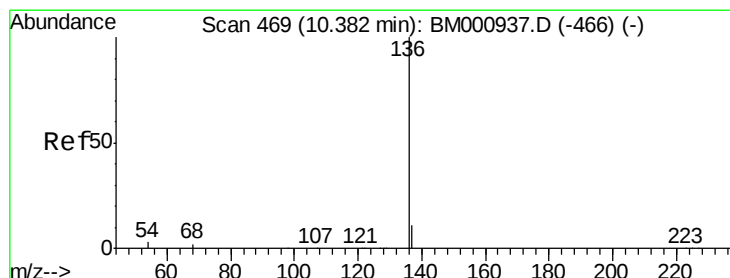
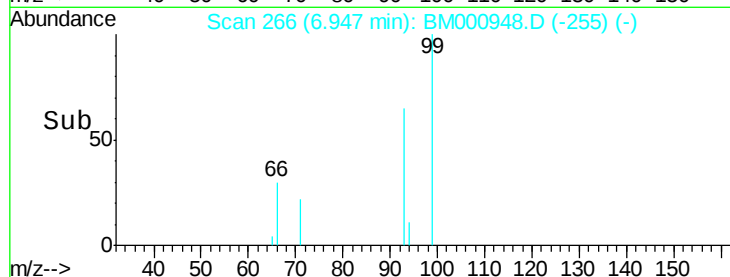


Abundance Ion 93.00 (92.70 to 93.70): BM000937.D (-269) (-)

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: BM000948.D

Acq: 10 Apr 2015 20:25

Tgt Ion: 136 Resp: 103133

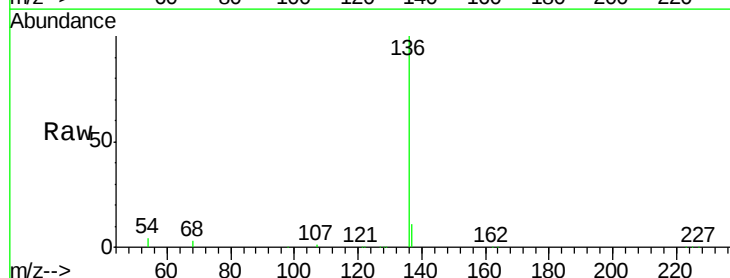
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 3.8 2.9 4.3

68 2.9 2.2 3.2



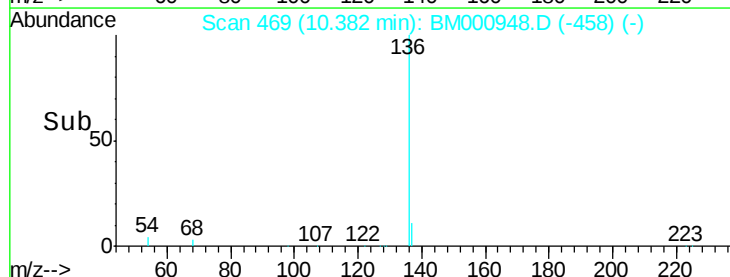
Abundance Ion 136.00 (135.70 to 136.70): BM000937.D (-466) (-)

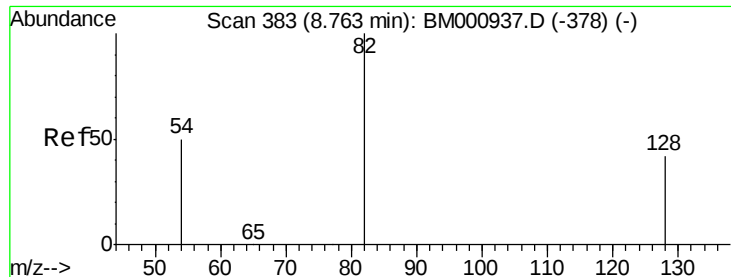
Ion 137.00 (136.70 to 137.70): BM000937.D (-466) (-)

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: 7.99 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

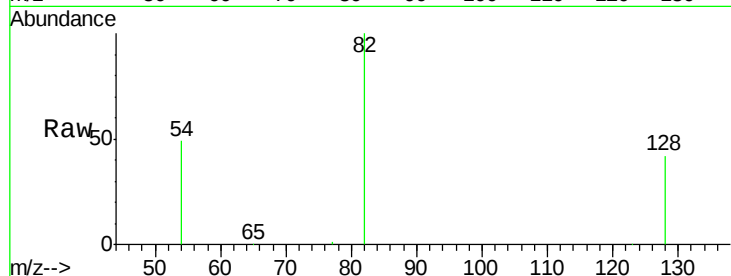
Tgt Ion: 82 Resp: 39773

Ion Ratio Lower Upper

82 100

128 42.0 33.4 50.0

54 48.8 40.5 60.7



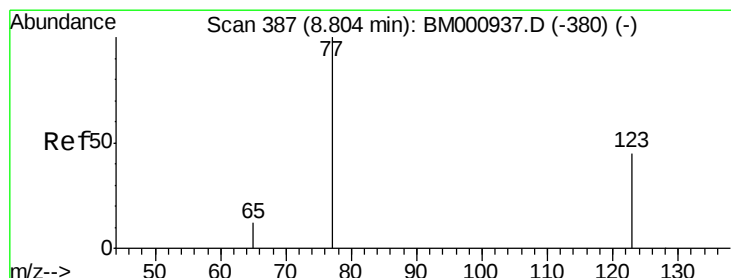
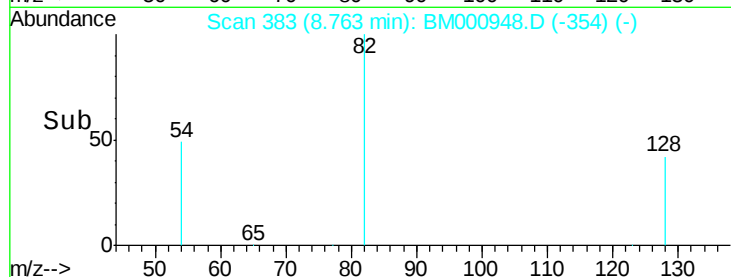
Abundance Ion 82.00 (81.70 to 82.70): BM000937.D (-378) (-)

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

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

8.76

Time-->



#10

Nitrobenzene

Concen: 0.20 ng

RT: 8.76 min Scan# 383

Delta R.T. -0.04 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

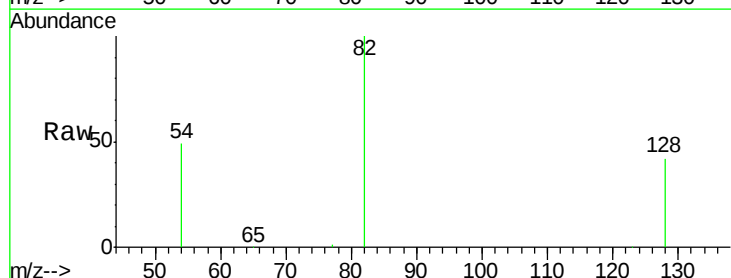
Tgt Ion: 77 Resp: 143

Ion Ratio Lower Upper

77 100

123 32.1 35.0 52.6#

65 55.3 10.7 16.1#



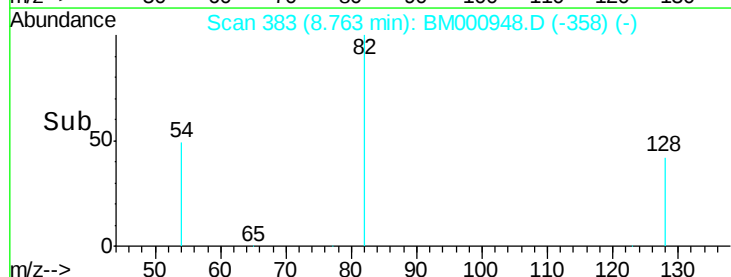
Abundance Ion 77.00 (76.70 to 77.70): BM000937.D (-380) (-)

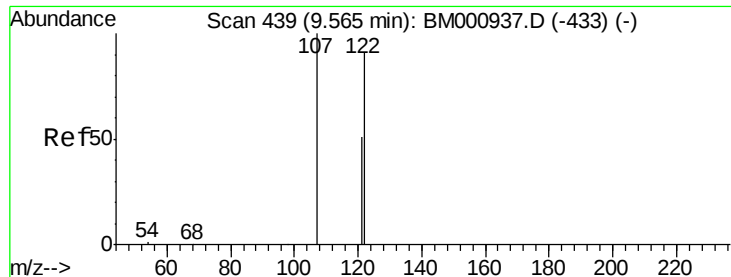
Ion 123.00 (122.70 to 123.70): BM000937.D (-380) (-)

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

8.76

Time-->

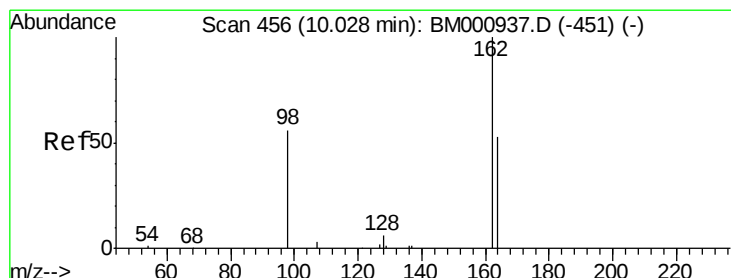
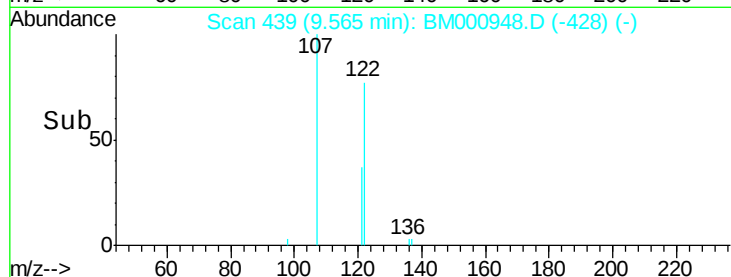
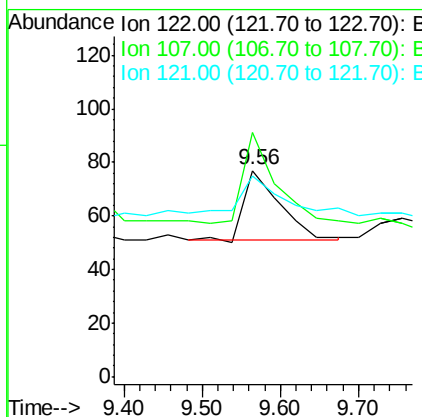
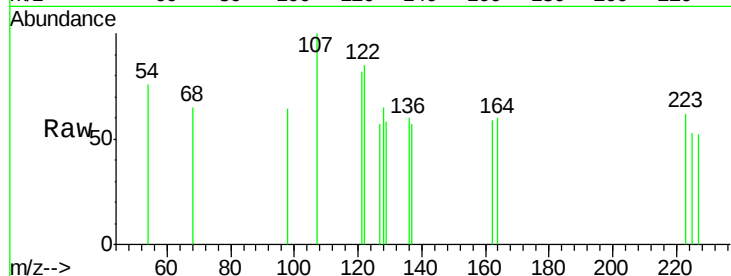




#11
 2,4-Dimethylphenol
 Concen: 0.01 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

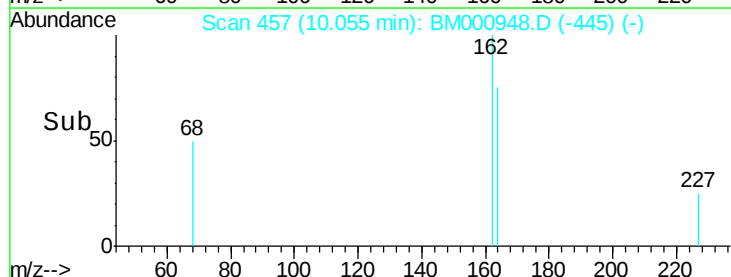
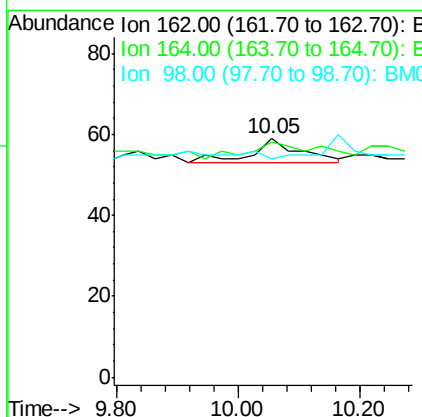
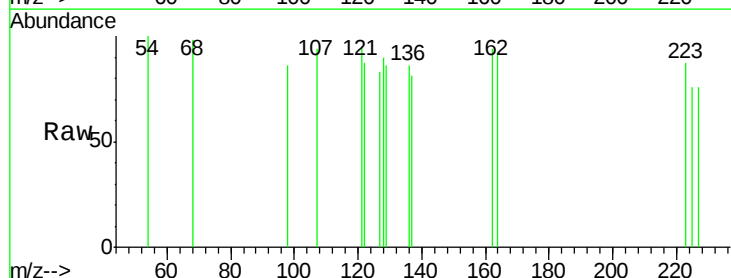
Instrument :
 BNA_M
 ClientSampled :
 LS-SW02

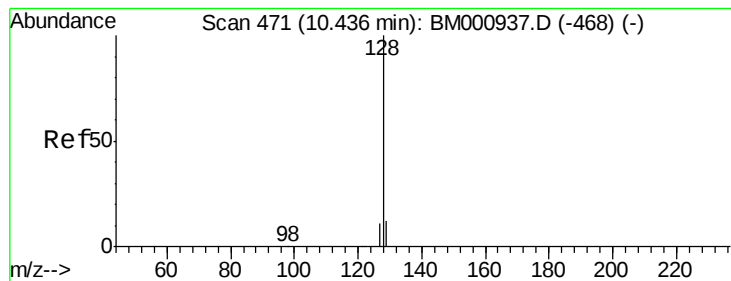
Tgt Ion:122 Resp: 83
 Ion Ratio Lower Upper
 122 100
 107 118.2 89.8 134.6
 121 97.4 46.6 70.0#



#12
 2,4-Dichlorophenol
 Concen: 0.01 ng
 RT: 10.05 min Scan# 457
 Delta R.T. 0.03 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion:162 Resp: 34
 Ion Ratio Lower Upper
 162 100
 164 98.3 32.5 72.5#
 98 91.5 40.5 80.5#





#13

Naphthalene

Concen: 0.12 ng

RT: 10.44 min Scan# 471

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

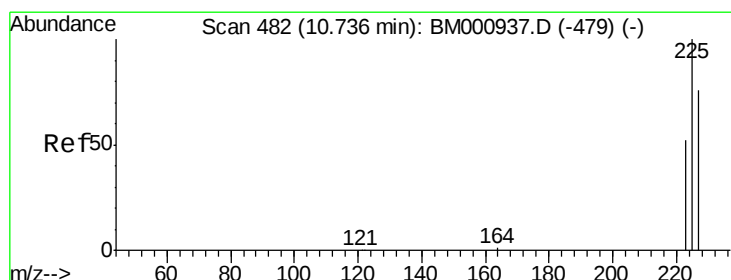
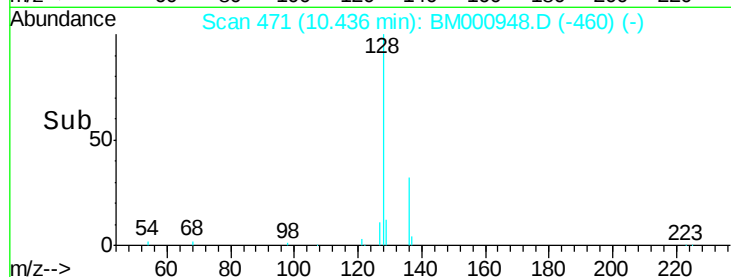
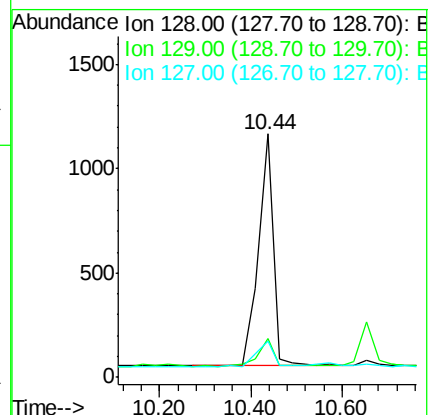
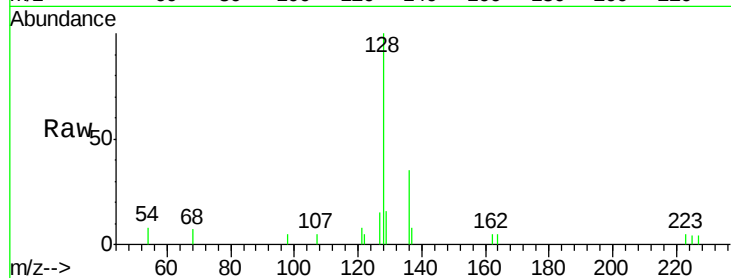
Tgt Ion:128 Resp: 2551

Ion Ratio Lower Upper

128 100

129 16.0 9.8 14.6#

127 15.1 9.1 13.7#



#14

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.71 min Scan# 481

Delta R.T. -0.03 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

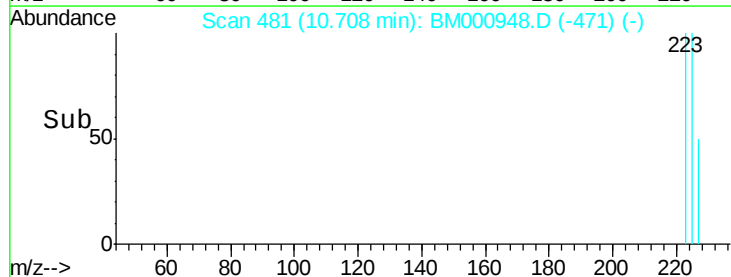
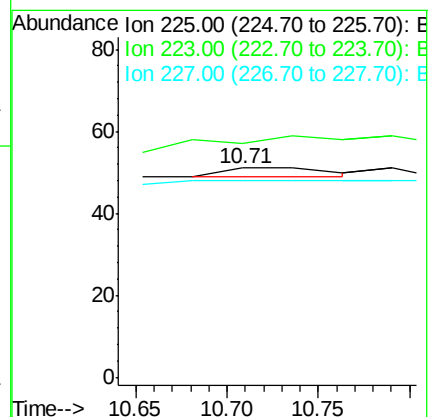
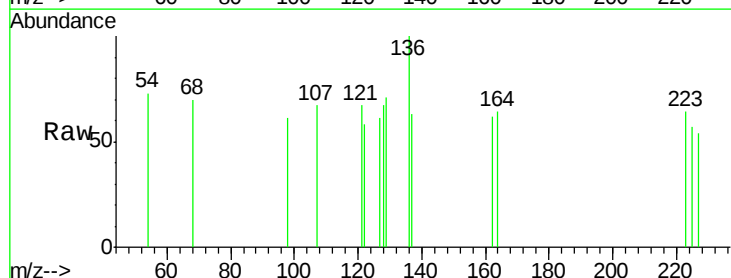
Tgt Ion:225 Resp: 8

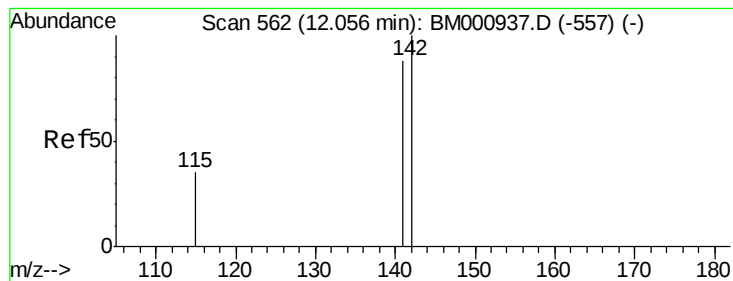
Ion Ratio Lower Upper

225 100

223 111.8 42.2 63.2#

227 94.1 61.4 92.2#





#15

2-Methylnaphthalene

Concen: 0.07 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

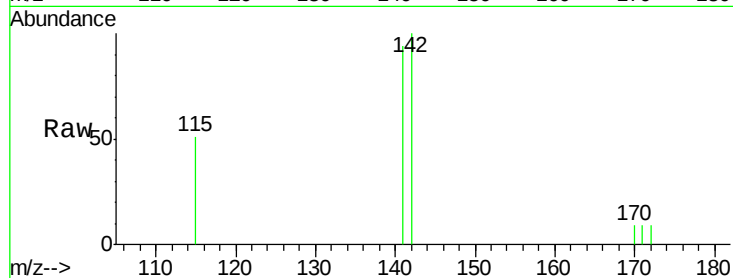
Tgt Ion:142 Resp: 973

Ion Ratio Lower Upper

142 100

141 94.2 71.2 106.8

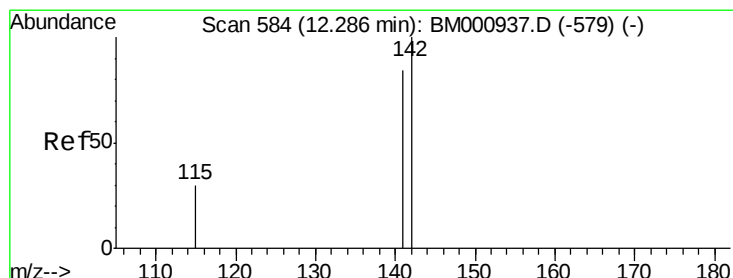
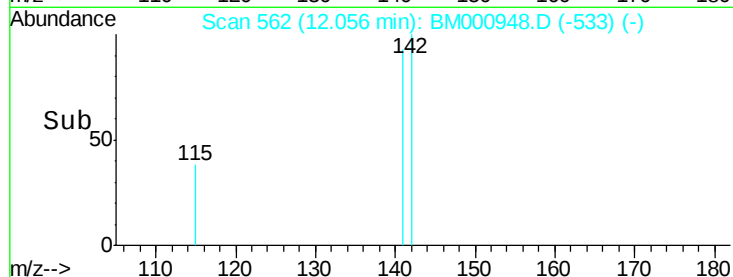
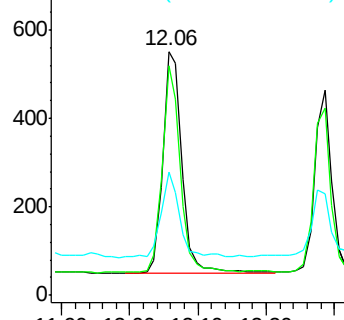
115 50.6 28.3 42.5#



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: 0.05 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

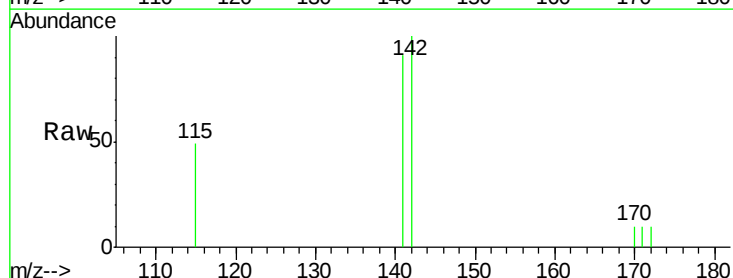
Tgt Ion:142 Resp: 737

Ion Ratio Lower Upper

142 100

141 90.9 66.7 100.1

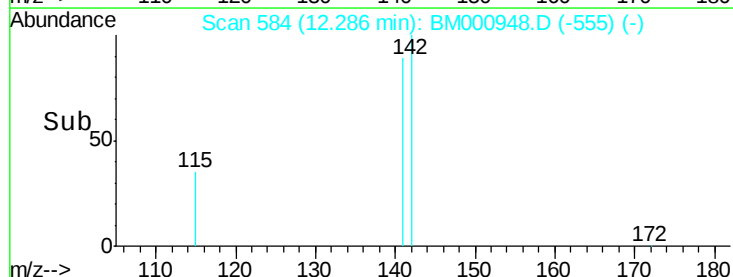
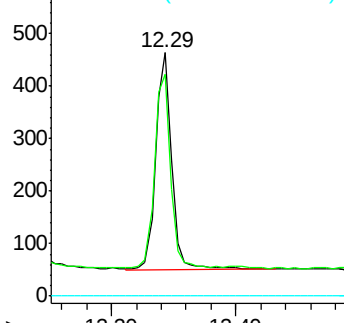
116 0.0 0.0 0.0

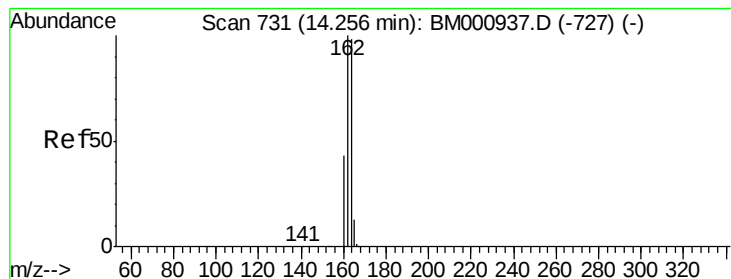


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.25 min Scan# 730

Delta R.T. -0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

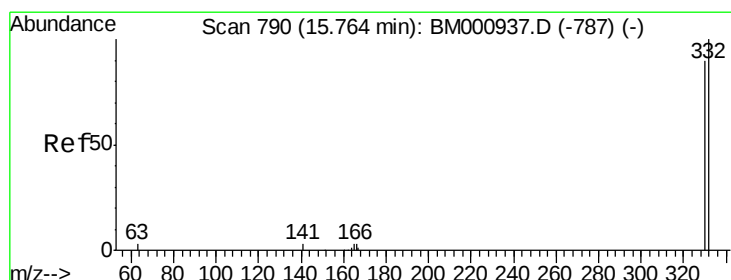
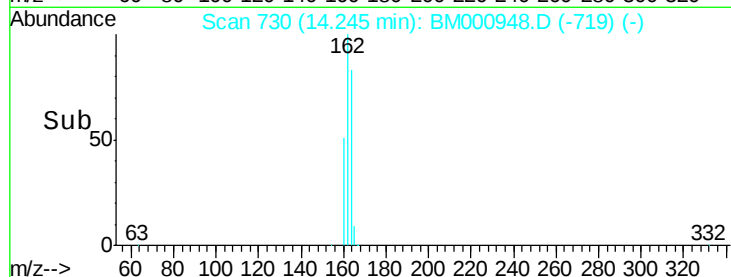
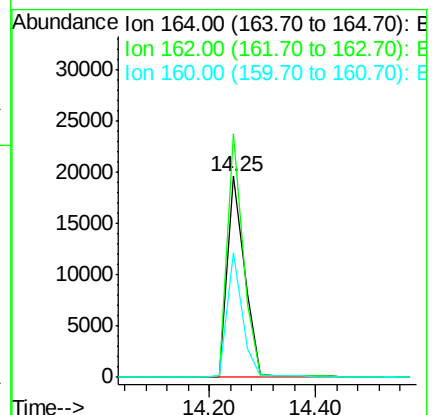
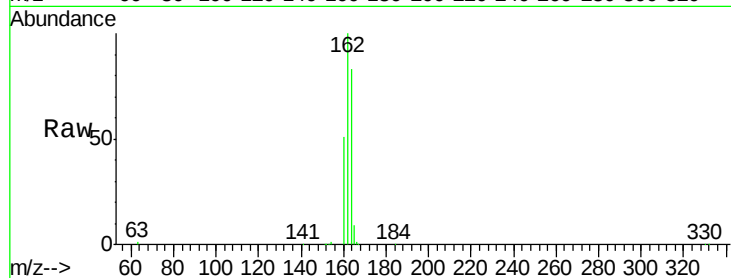
Tgt Ion:164 Resp: 43686

Ion Ratio Lower Upper

164 100

162 121.1 96.1 144.1

160 61.8 48.2 72.2



#18

2,4,6-Tribromophenol

Concen: 14.21 ng

RT: 15.75 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

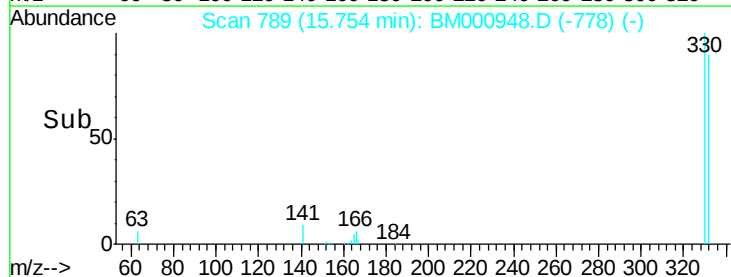
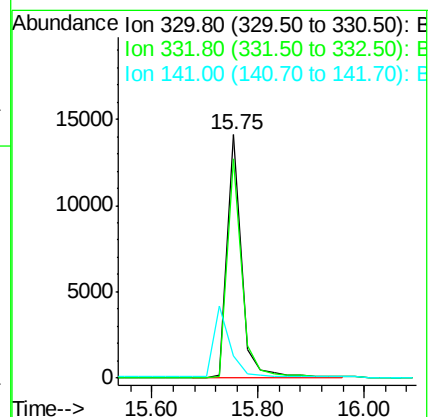
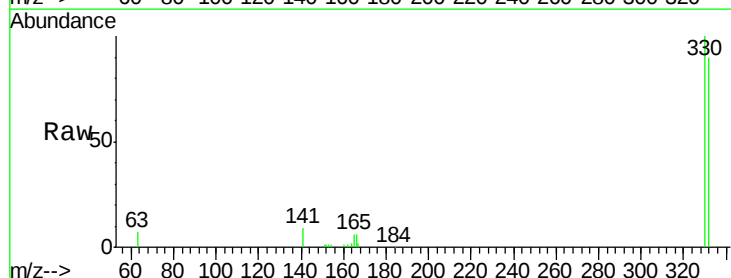
Tgt Ion:330 Resp: 25926

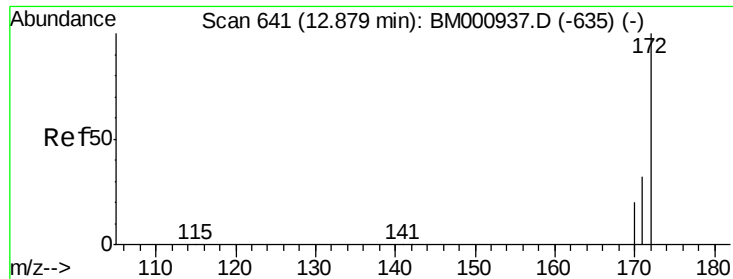
Ion Ratio Lower Upper

330 100

332 92.8 75.4 113.2

141 0.0 0.0 0.0

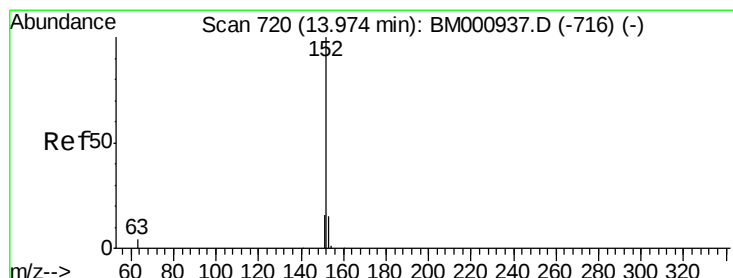
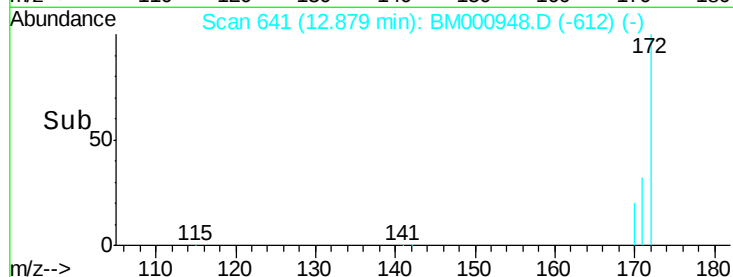
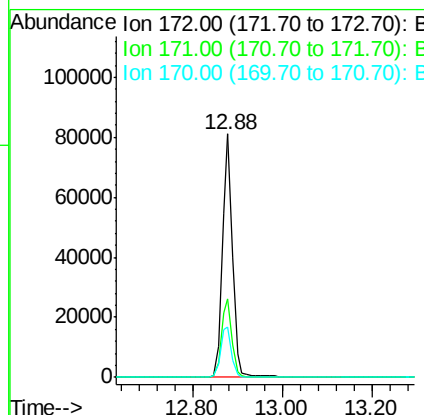
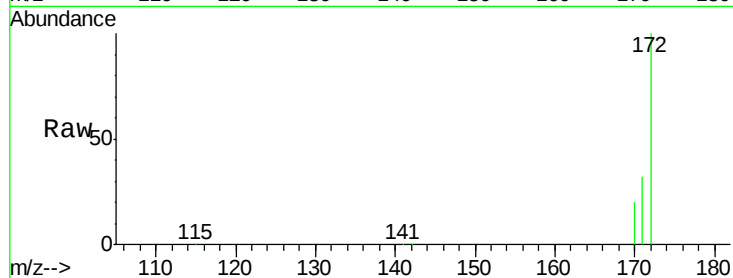




#19
2-Fluorobiphenyl
Concen: 10.28 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25

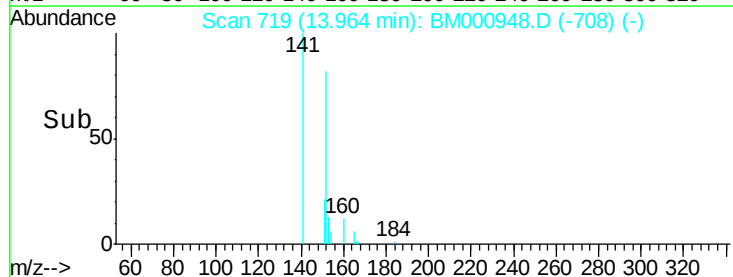
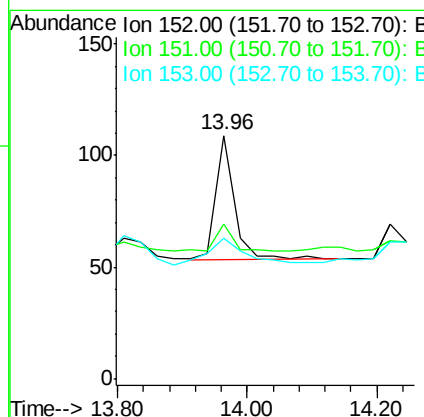
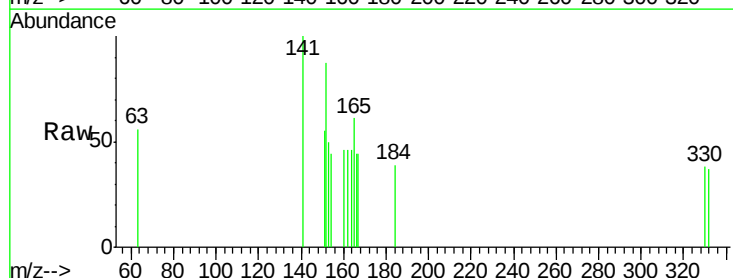
Instrument :
BNA_M
ClientSampleId :
LS-SW02

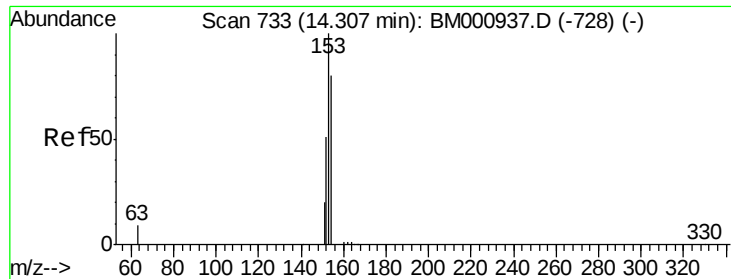
Tgt Ion:172 Resp: 125754
Ion Ratio Lower Upper
172 100
171 32.4 26.7 40.1
170 20.4 17.0 25.4



#20
Acenaphthylene
Concen: Below Cal
RT: 13.96 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25

Tgt Ion:152 Resp: 114
Ion Ratio Lower Upper
152 100
151 63.3 15.4 23.0#
153 57.8 10.2 15.2#





#21

Acenaphthene

Concen: 0.09 ng

RT: 14.32 min Scan# 733

Delta R.T. 0.02 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

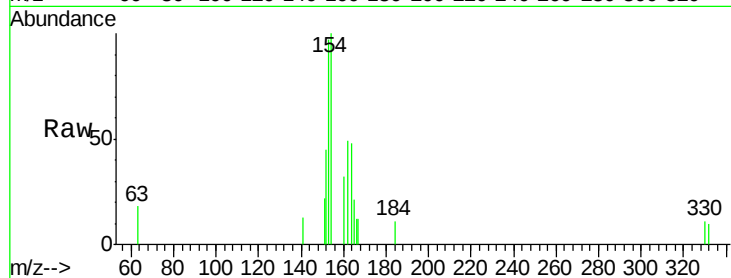
Tgt Ion:154 Resp: 1060

Ion Ratio Lower Upper

154 100

153 96.7 73.7 110.5

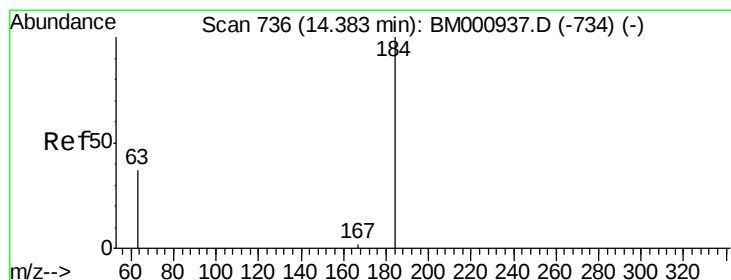
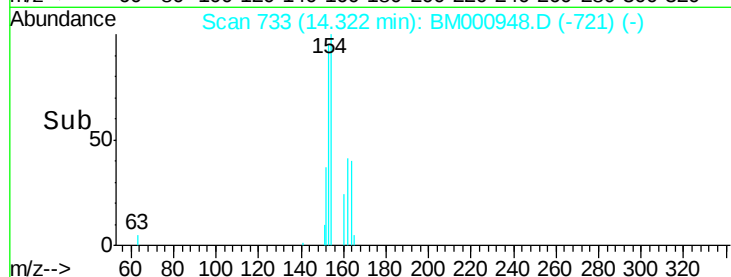
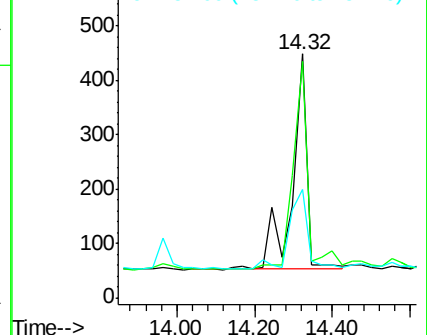
152 44.6 29.0 43.6#



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: 0.23 ng

RT: 14.40 min Scan# 736

Delta R.T. 0.02 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

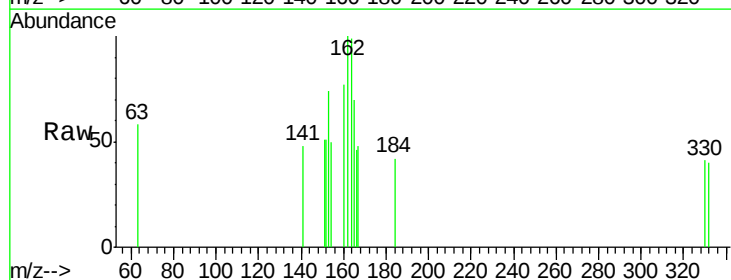
Tgt Ion:184 Resp: 15

Ion Ratio Lower Upper

184 100

63 136.0 39.0 58.4#

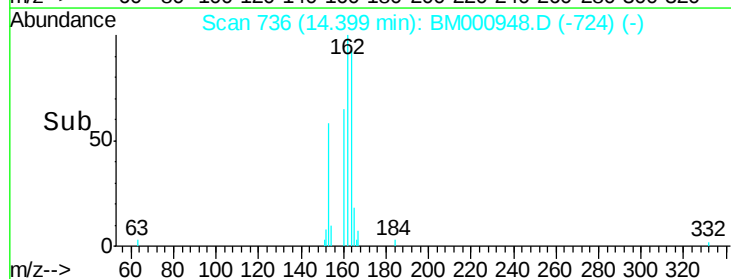
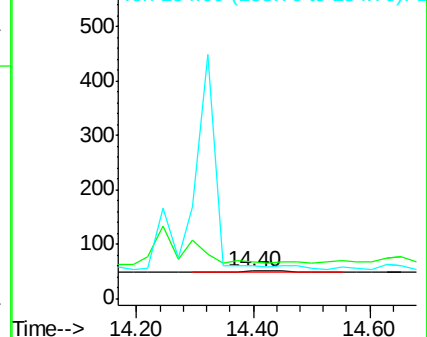
154 118.0 43.8 65.8#

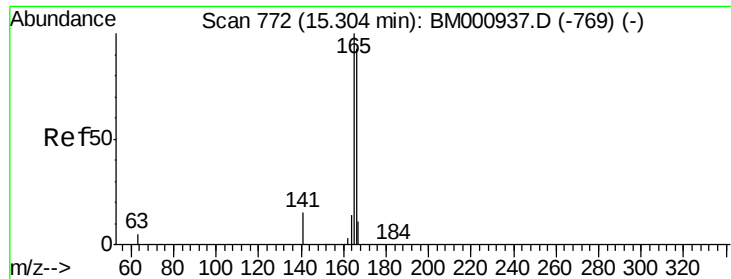


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

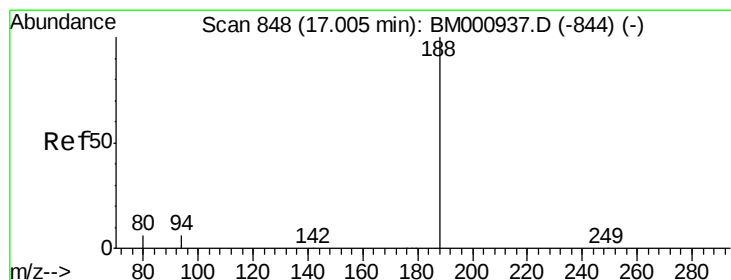
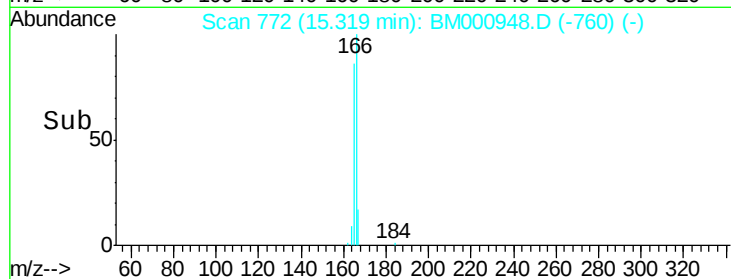
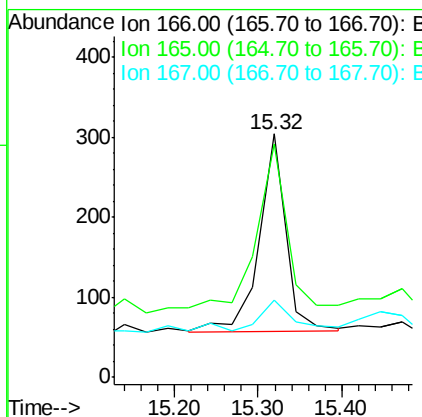
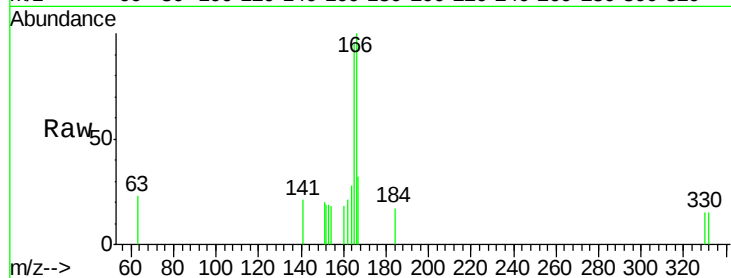




#23
 Fluorene
 Concen: 0.04 ng
 RT: 15.32 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

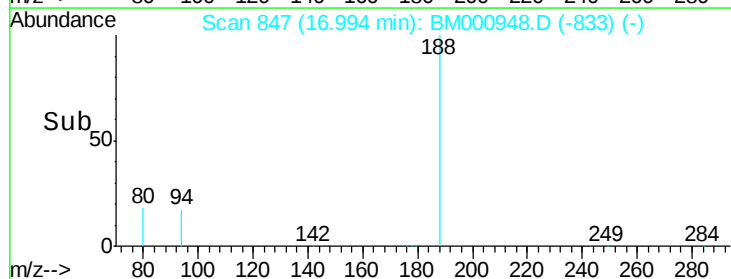
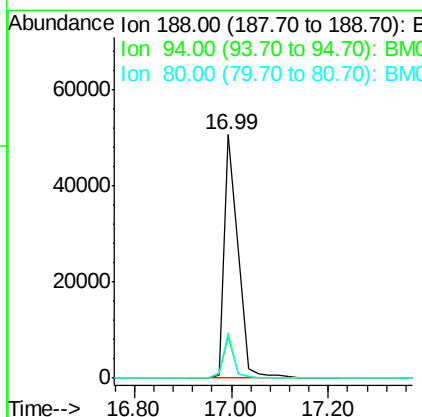
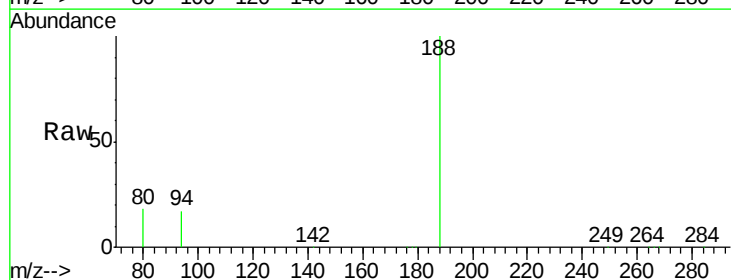
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

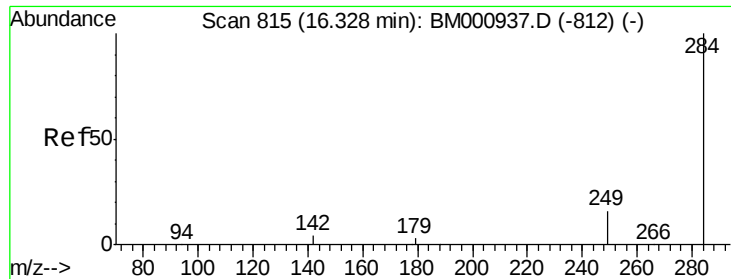
Tgt Ion:166 Resp: 538
 Ion Ratio Lower Upper
 166 100
 165 96.1 63.7 95.5#
 167 31.9 12.7 19.1#



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.99 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion:188 Resp: 100943
 Ion Ratio Lower Upper
 188 100
 94 16.8 12.2 18.4
 80 18.4 13.4 20.0





#25

Hexachlorobenzene

Concen: 0.01 ng

RT: 16.32 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

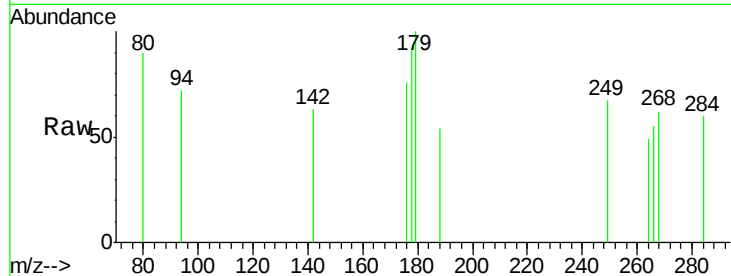
Tgt Ion:284 Resp: 34

Ion Ratio Lower Upper

284 100

142 105.2 16.2 24.2#

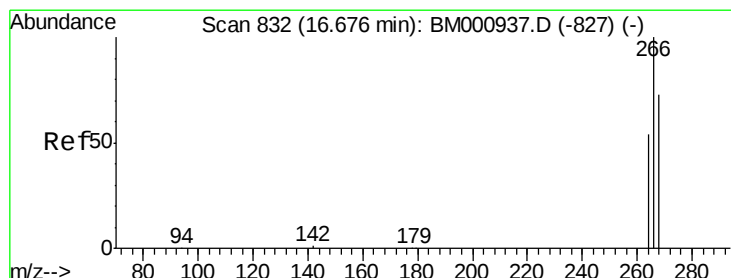
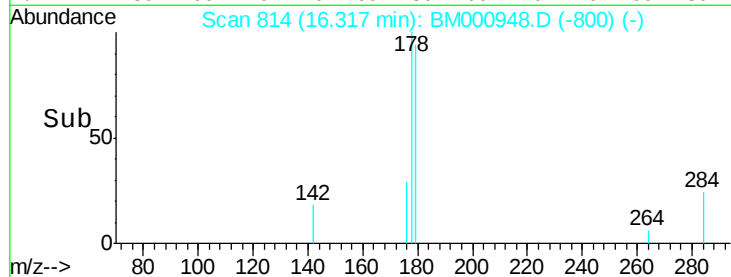
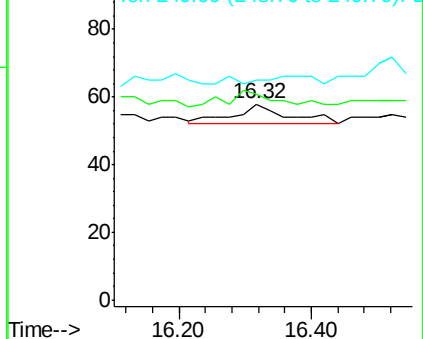
249 112.1 27.4 41.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#26

Pentachlorophenol

Concen: 0.20 ng

RT: 16.67 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

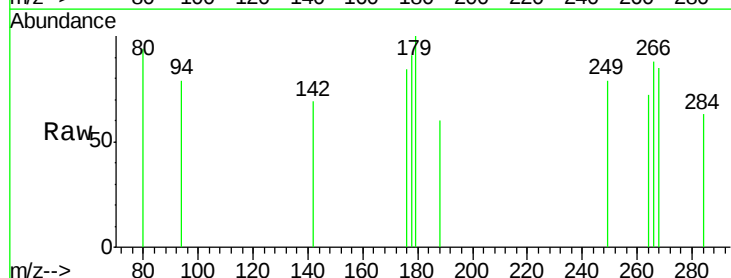
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 96.1 53.0 79.4#

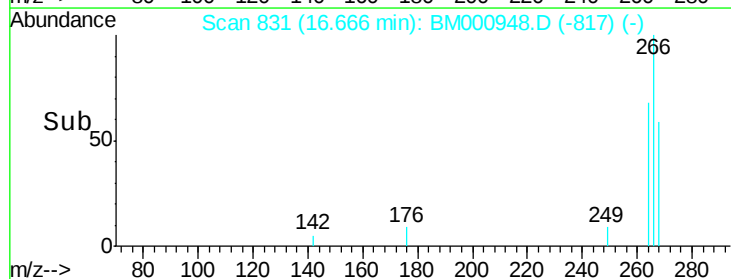
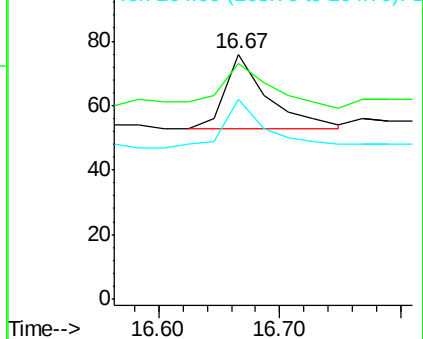
264 81.6 49.4 74.0#

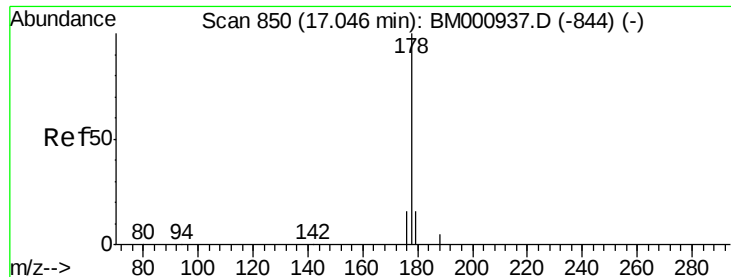


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#27

Phenanthrene

Concen: 0.08 ng

RT: 17.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

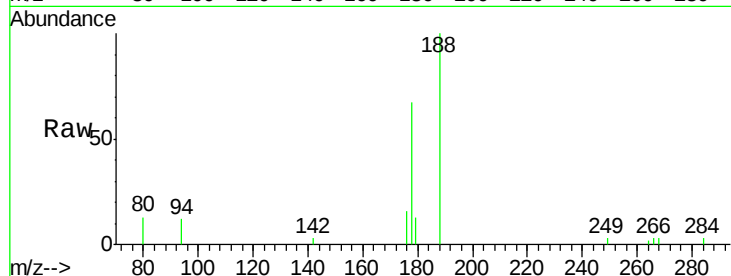
Tgt Ion:178 Resp: 2161

Ion Ratio Lower Upper

178 100

176 24.3 16.0 24.0#

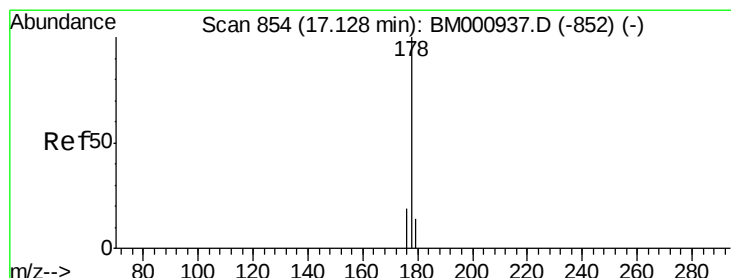
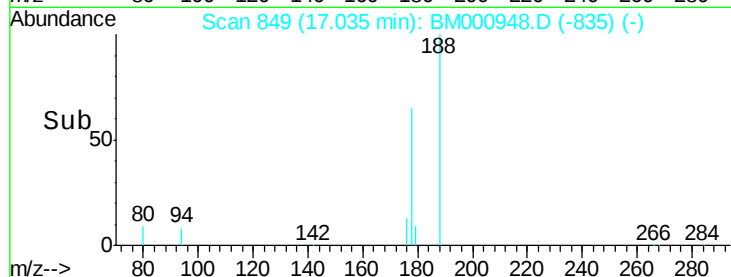
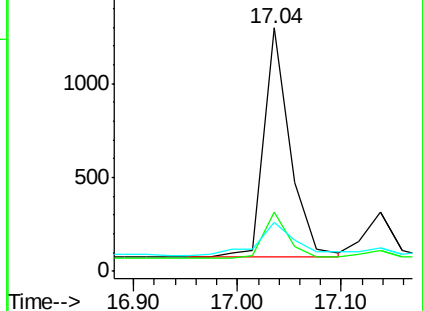
179 19.9 11.4 17.2#



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



#28

Anthracene

Concen: 0.02 ng

RT: 17.14 min Scan# 854

Delta R.T. 0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

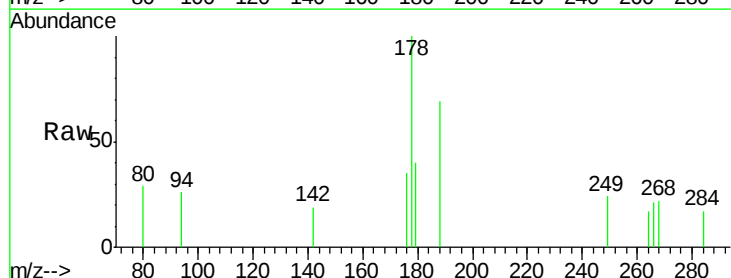
Tgt Ion:178 Resp: 484

Ion Ratio Lower Upper

178 100

176 35.1 12.7 19.1#

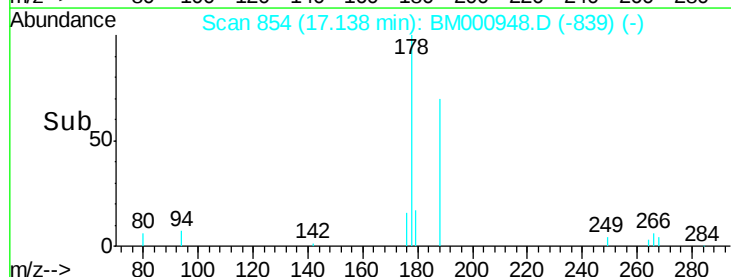
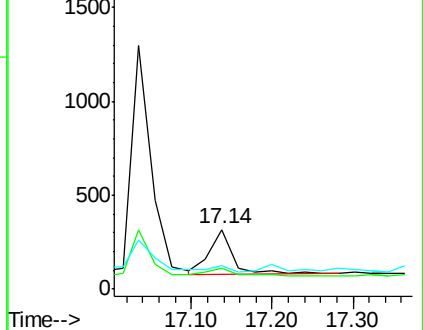
179 39.8 13.9 20.9#

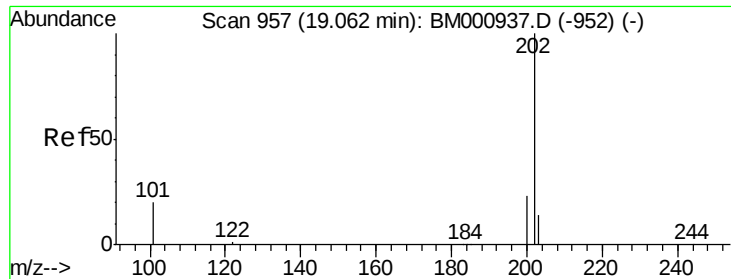


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

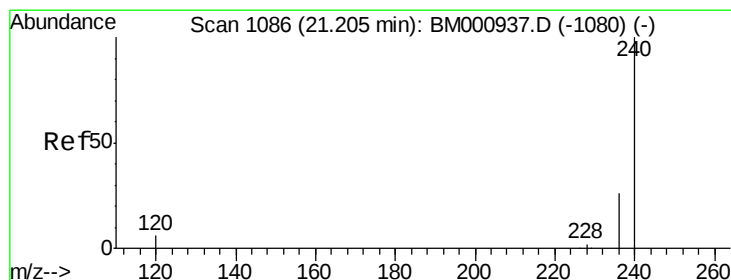
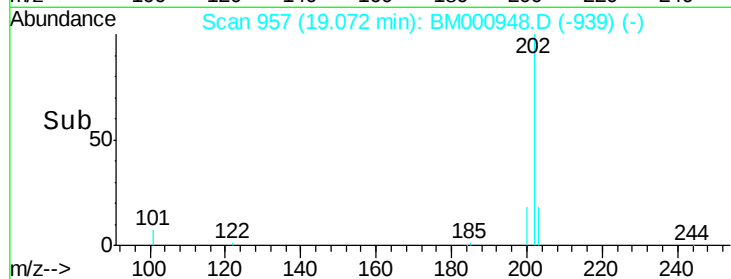
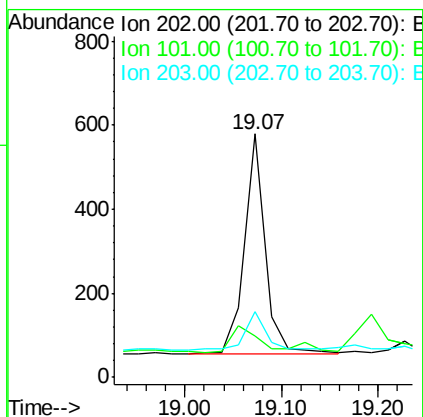
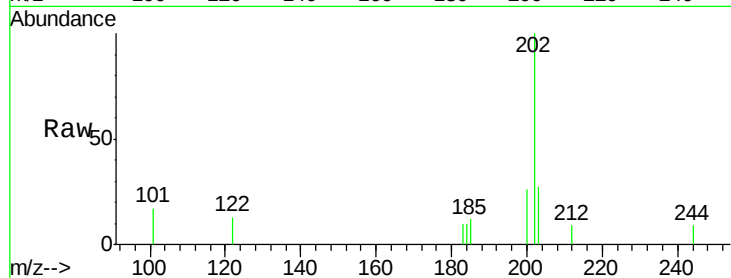




#29
 Fluoranthene
 Concen: 0.03 ng
 RT: 19.07 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

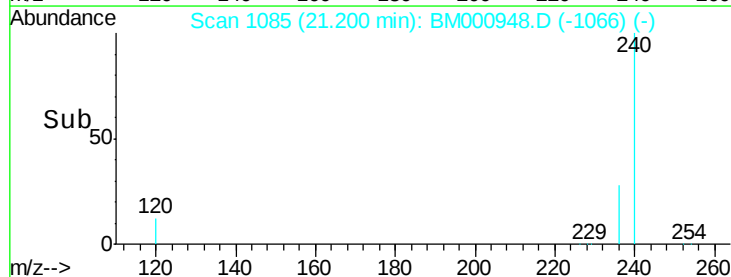
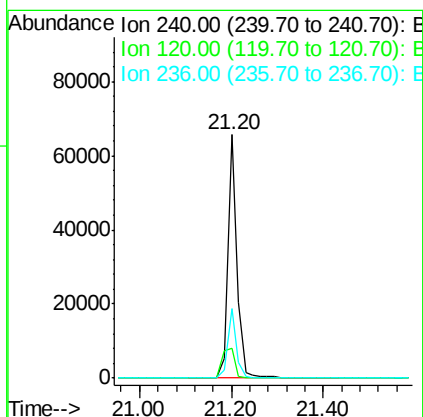
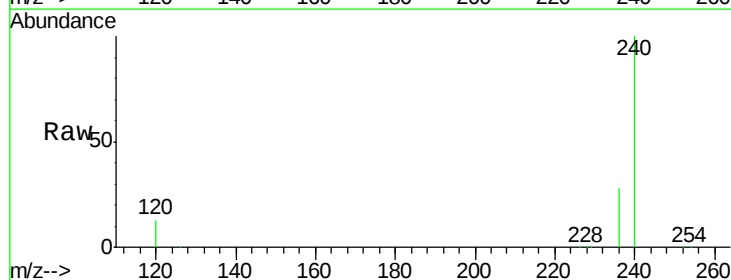
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

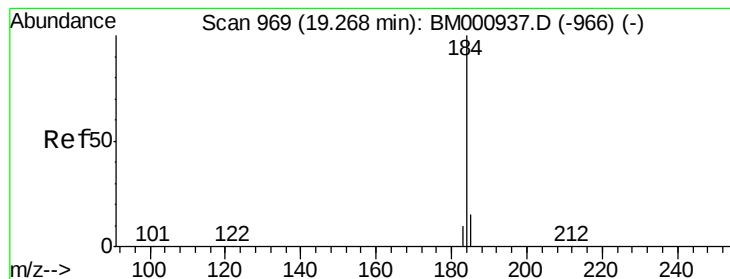
Tgt Ion:202 Resp: 781
 Ion Ratio Lower Upper
 202 100
 101 16.9 0.0 24.1
 203 26.9 0.0 38.4



#30
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.20 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion:240 Resp: 88577
 Ion Ratio Lower Upper
 240 100
 120 12.5 6.8 10.2#
 236 28.4 22.1 33.1





#31

Benzidine

Concen: 0.04 ng

RT: 19.33 min Scan# 972

Delta R.T. 0.06 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

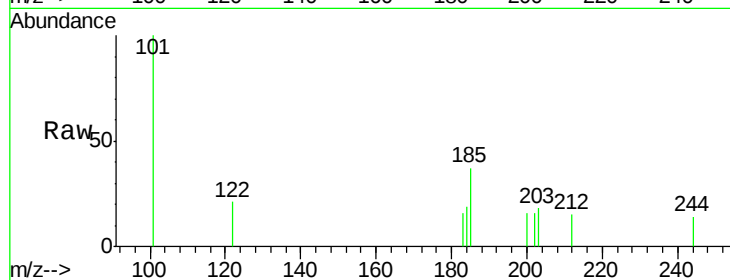
Tgt Ion:184 Resp: 116

Ion Ratio Lower Upper

184 100

185 191.8 12.2 18.4#

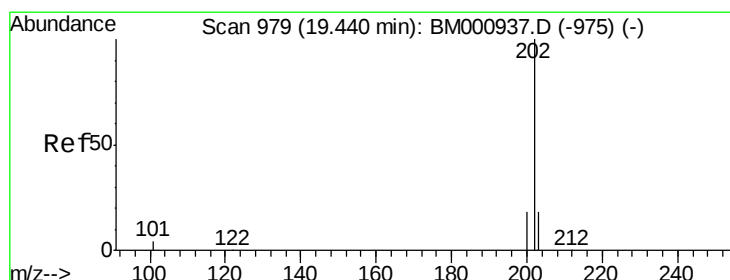
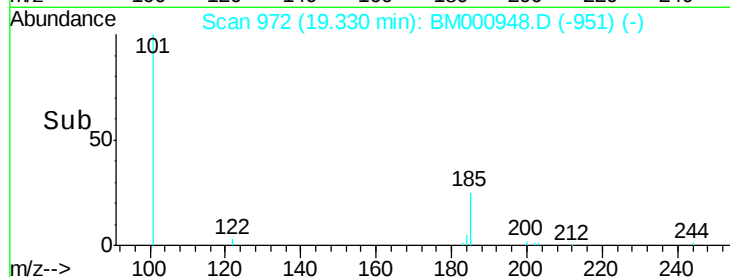
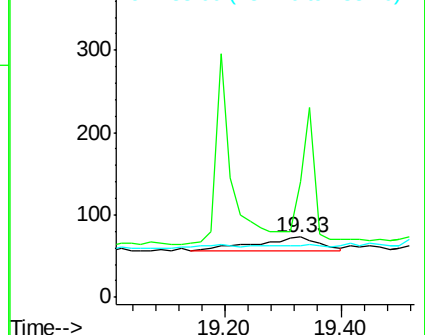
183 84.9 10.3 15.5#



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: 0.03 ng

RT: 19.43 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

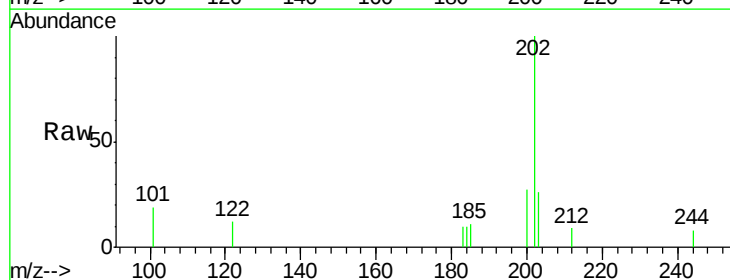
Tgt Ion:202 Resp: 822

Ion Ratio Lower Upper

202 100

200 27.3 16.2 24.4#

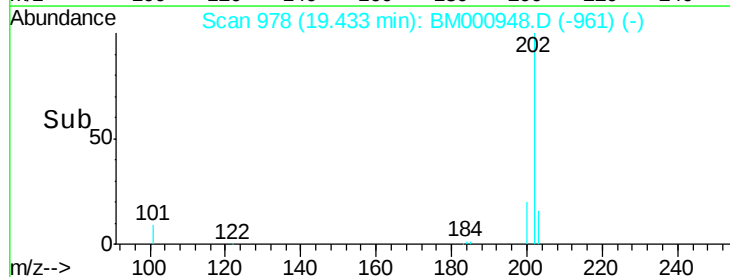
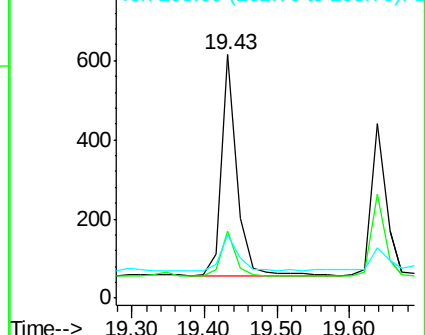
203 26.0 13.5 20.3#

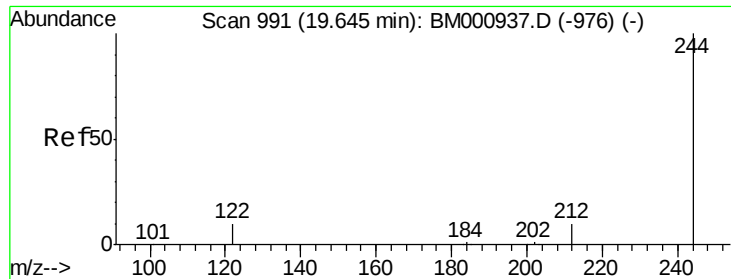


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

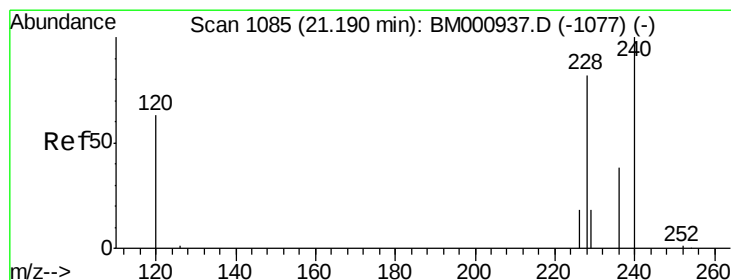
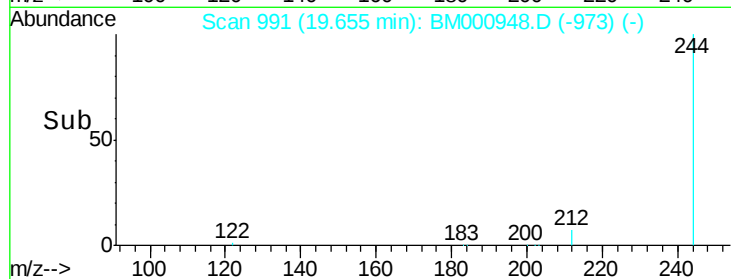
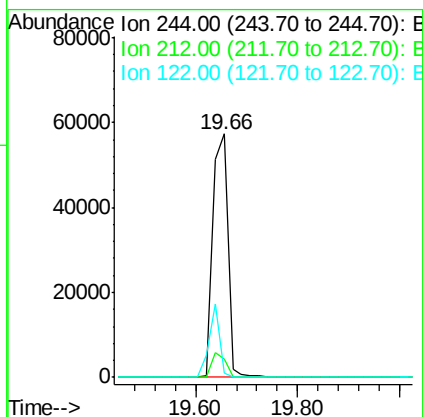
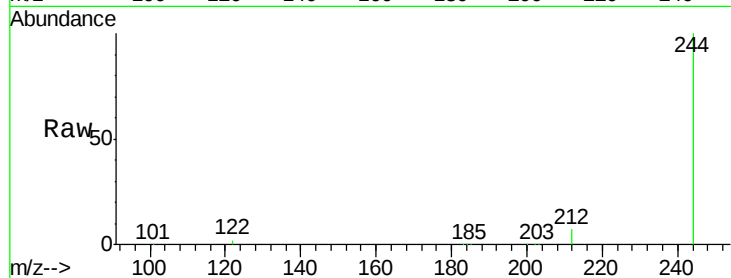




#33
 Terphenyl-d14
 Concen: 10.76 ng
 RT: 19.66 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

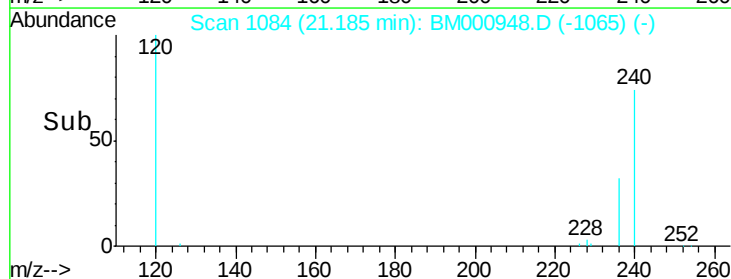
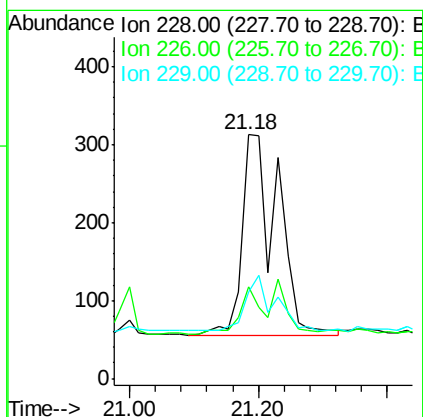
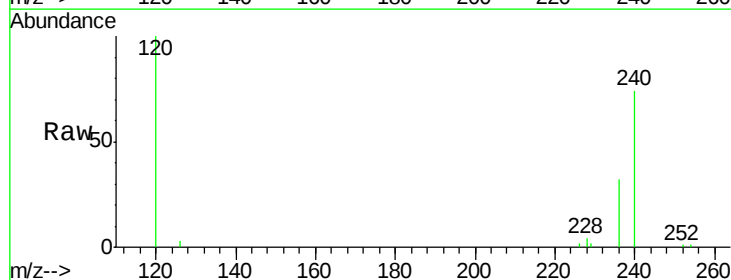
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

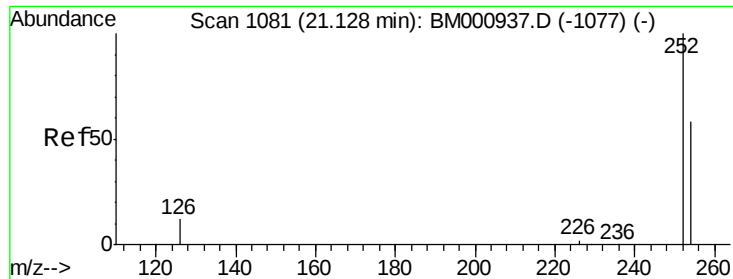
Tgt Ion:244 Resp: 116061
 Ion Ratio Lower Upper
 244 100
 212 7.4 9.4 14.0#
 122 1.5 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion:228 Resp: 982
 Ion Ratio Lower Upper
 228 100
 226 37.7 18.9 28.3#
 229 35.5 16.8 25.2#

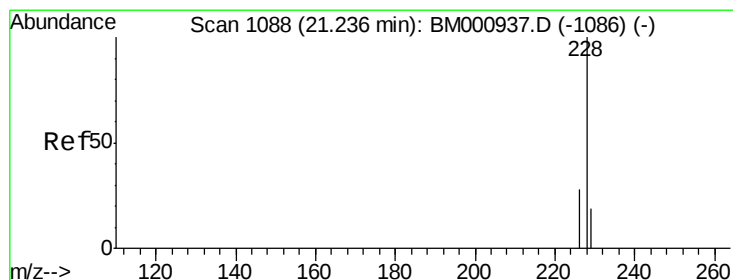
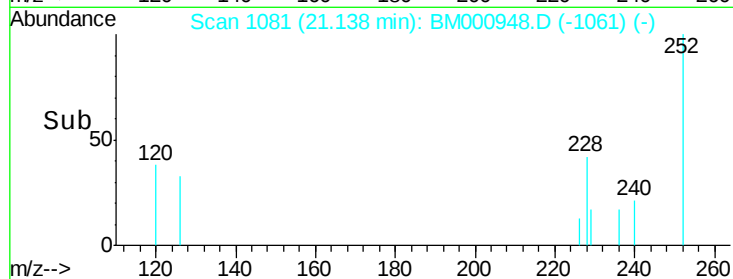
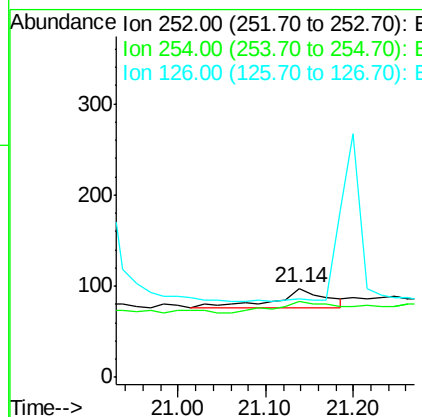
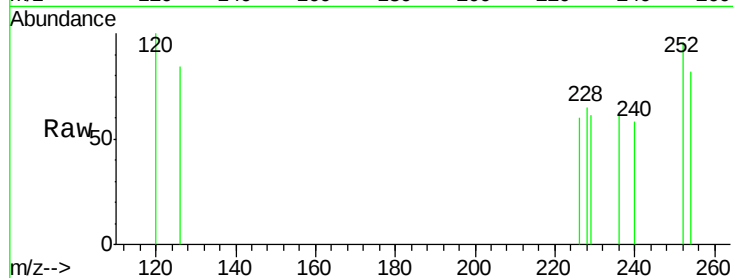




#35
 3,3'-Dichlorobenzidine
 Concen: 0.31 ng
 RT: 21.14 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

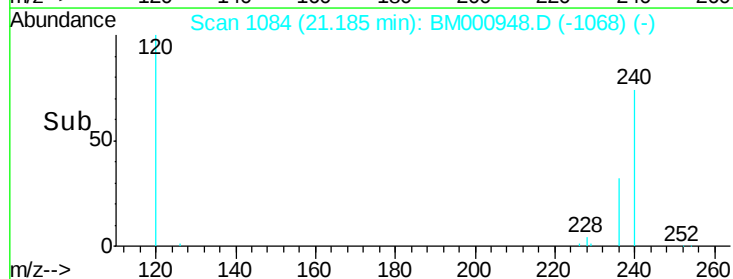
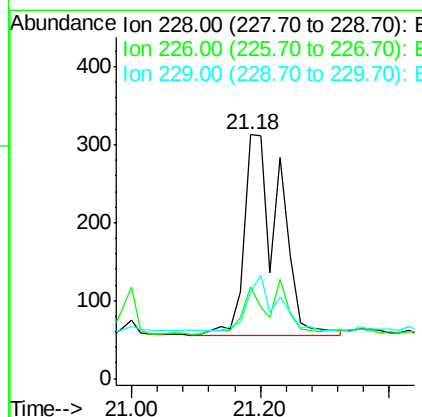
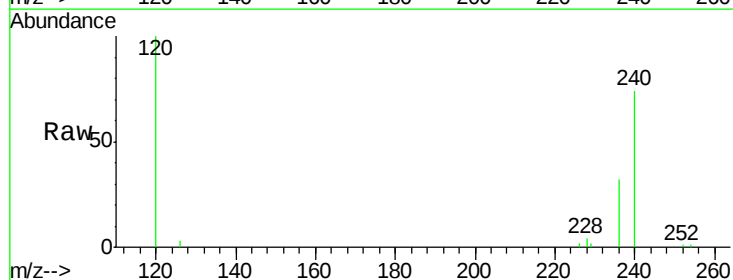
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

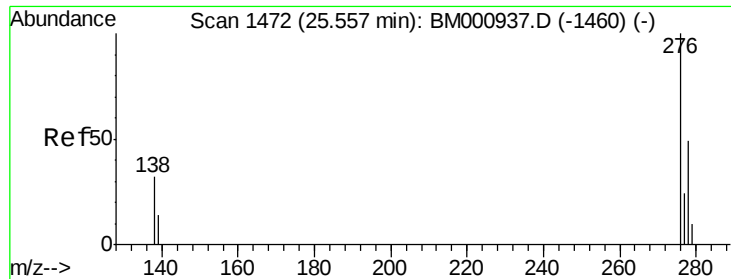
Tgt Ion: 252 Resp: 80
 Ion Ratio Lower Upper
 252 100
 254 85.7 43.4 65.2#
 126 87.8 12.3 18.5#



#36
 Chrysene
 Concen: 0.04 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion: 228 Resp: 982
 Ion Ratio Lower Upper
 228 100
 226 37.7 23.4 35.2#
 229 35.5 15.0 22.6#

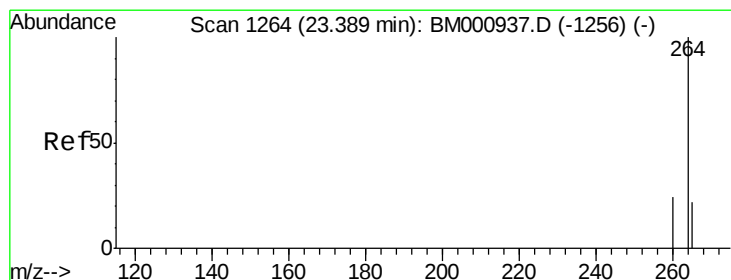
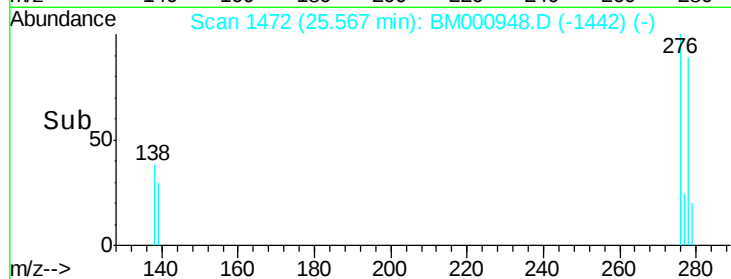
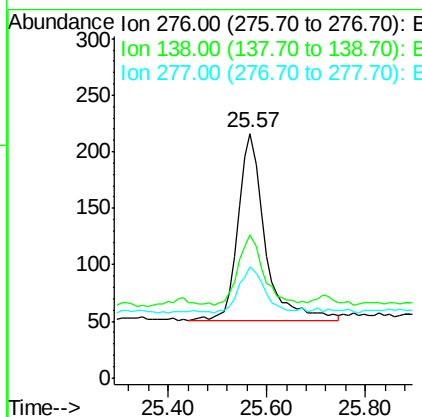
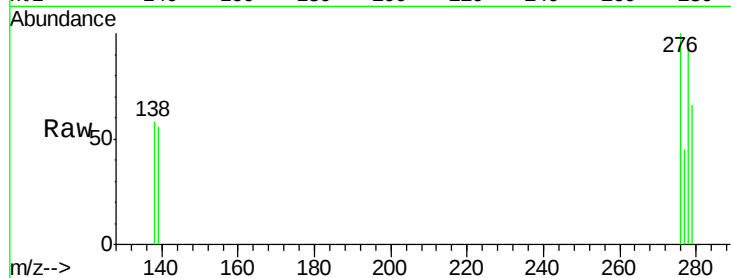




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.57 min Scan# 1472
 Delta R.T. 0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

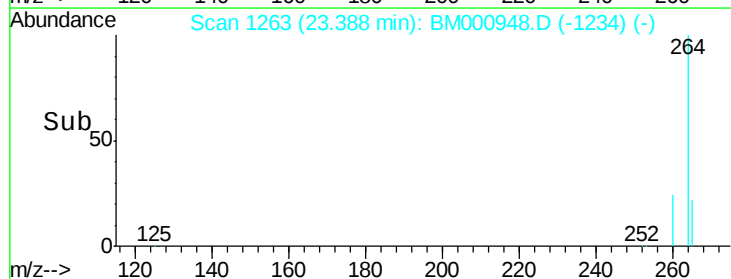
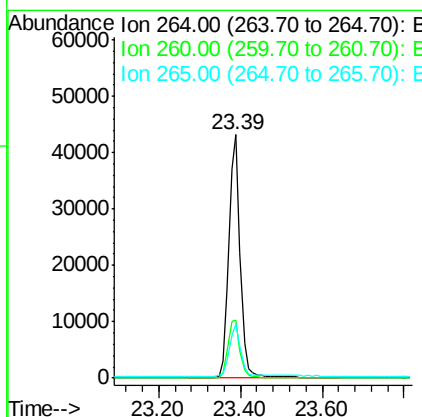
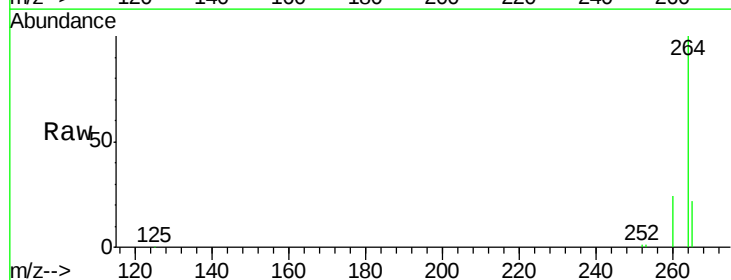
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

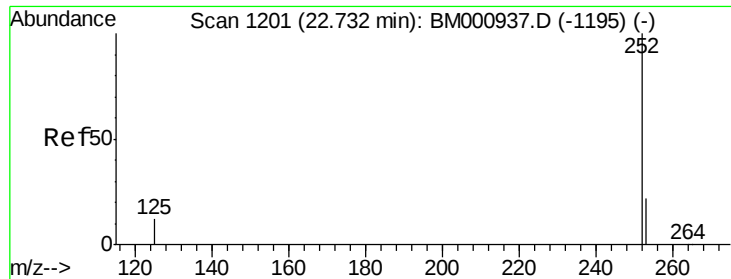
Tgt Ion: 276 Resp: 603
 Ion Ratio Lower Upper
 276 100
 138 36.5 26.6 40.0
 277 22.6 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion: 264 Resp: 83403
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 22.4 16.4 24.6





#39

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.73 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

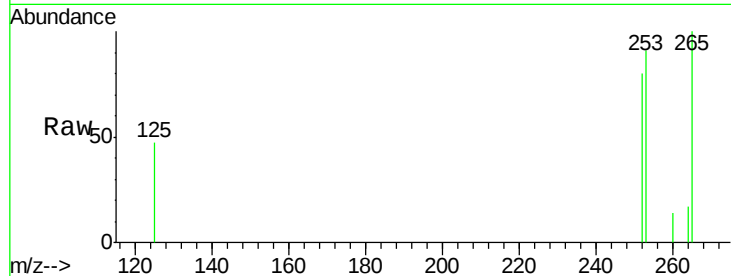
Tgt Ion:252 Resp: 367

Ion Ratio Lower Upper

252 100

253 113.7 16.9 25.3#

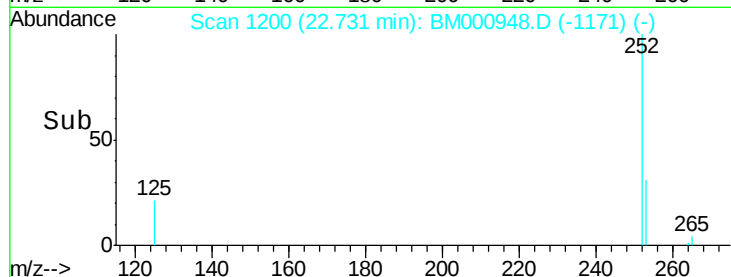
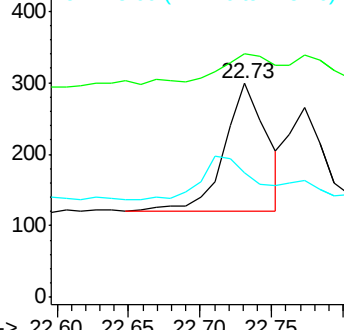
125 58.2 11.3 16.9#



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# 1200

Delta R.T. -0.04 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

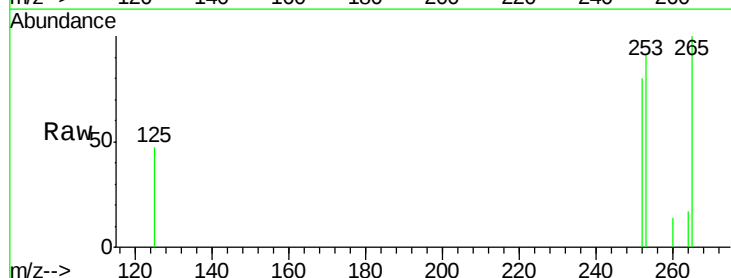
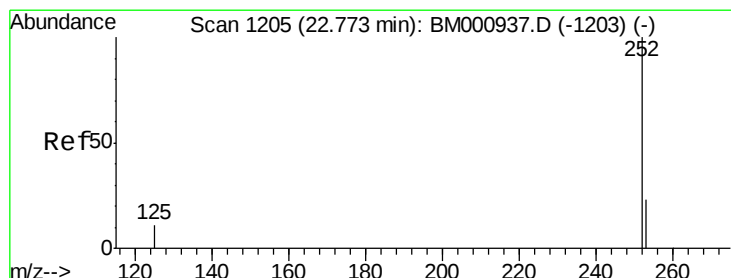
Tgt Ion:252 Resp: 367

Ion Ratio Lower Upper

252 100

253 113.7 16.9 25.3#

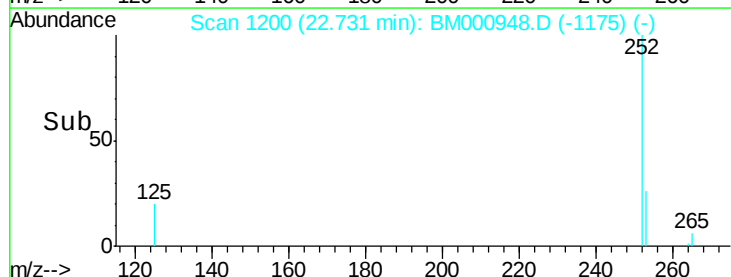
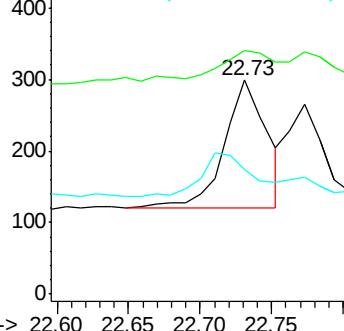
125 58.2 11.2 16.8#

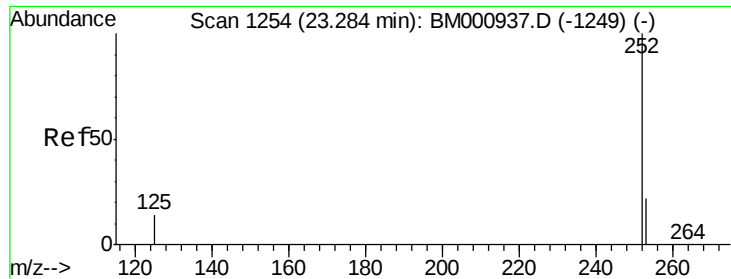


Abundance Ion 252.00 (251.70 to 252.70): E

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# 1253

Delta R.T. -0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

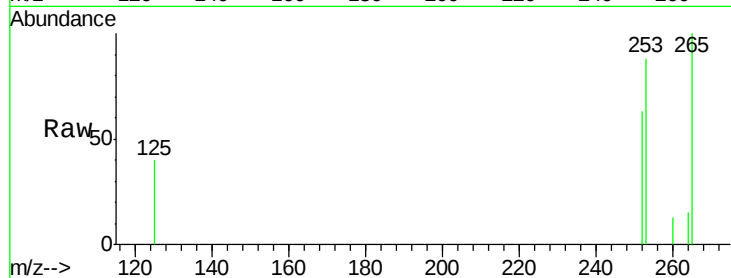
Tgt Ion: 252 Resp: 288

Ion Ratio Lower Upper

252 100

253 139.9 19.0 28.4#

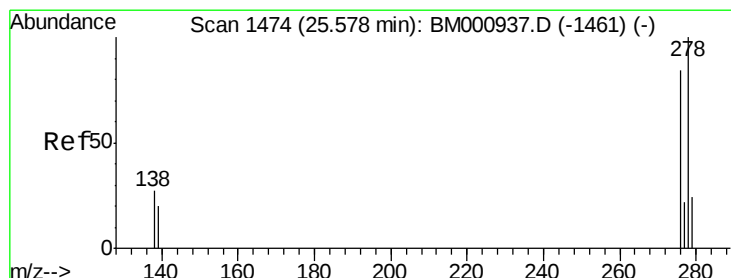
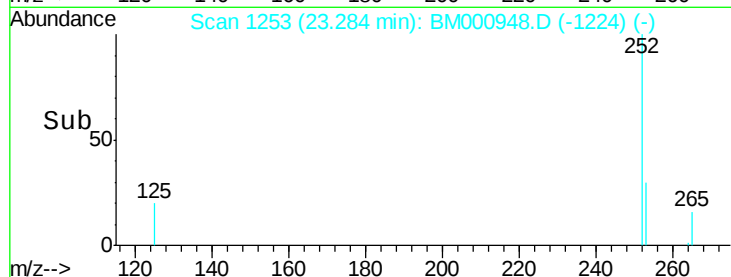
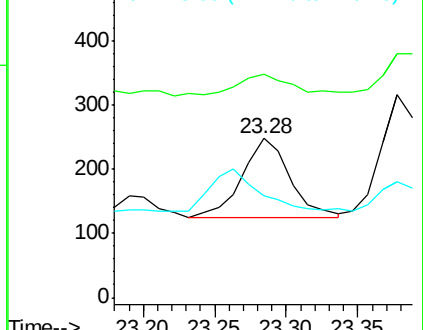
125 64.1 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#42

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 25.58 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

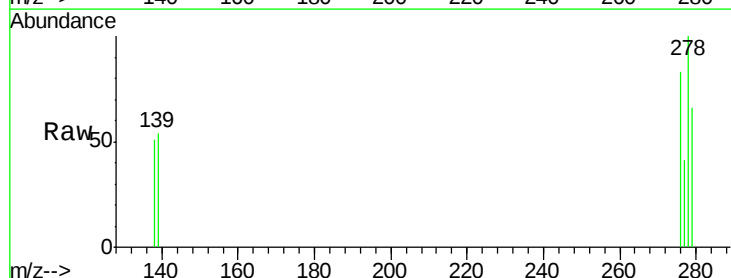
Tgt Ion: 278 Resp: 637

Ion Ratio Lower Upper

278 100

139 53.5 17.8 26.8#

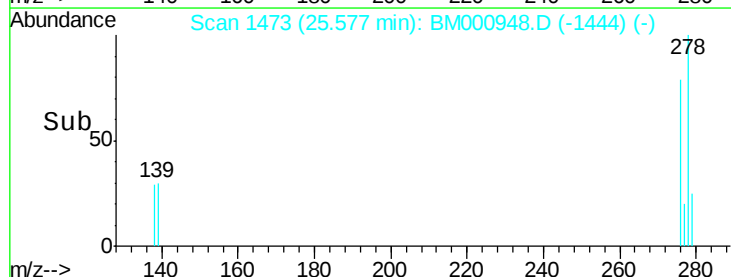
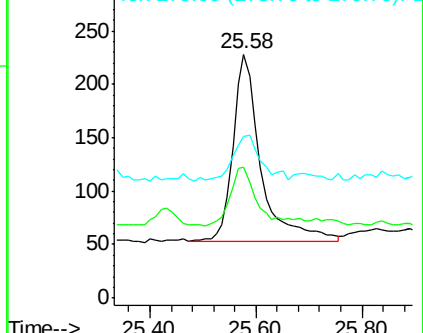
279 66.2 19.0 28.6#

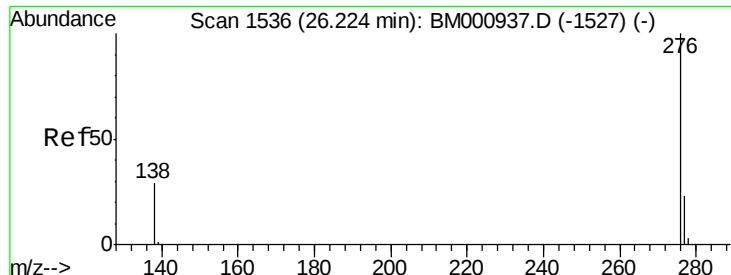


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#43

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.22 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM000948.D

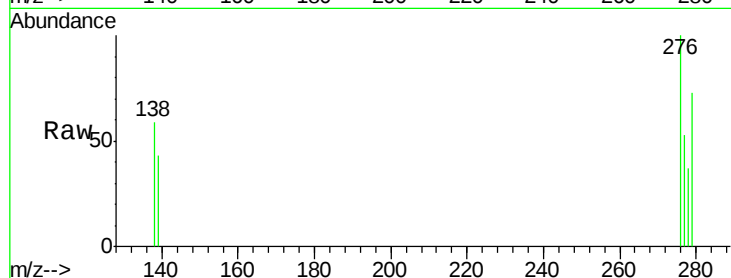
Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02



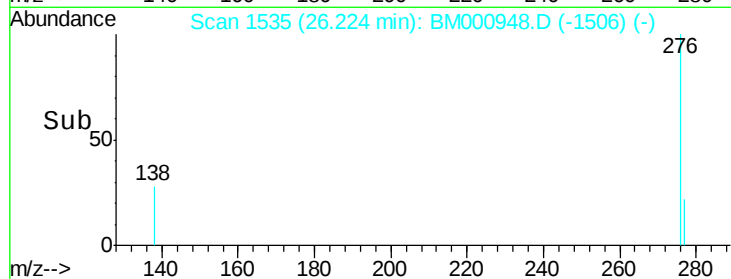
Tgt Ion: 276 Resp: 408

Ion Ratio Lower Upper

276 100

277 53.2 19.4 29.0#

138 58.9 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

