

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000947.D
 Acq On : 10 Apr 2015 19:49
 Operator : TP/IZ
 Sample : G1757-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

Quant Time: Apr 10 23:24:16 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	26607	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	97418	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	42606	5.00	ng	-0.01
24) Phenanthrene-d10	16.99	188	99270	5.00	ng	-0.01
30) Chrysene-d12	21.20	240	87155	5.00	ng	0.00
38) Perylene-d12	23.39	264	80364	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	23718	4.21	ng	0.00
5) Phenol-d6	6.78	99	17915	2.66	ng	0.00
9) Nitrobenzene-d5	8.76	82	37400	7.95	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	23783	13.38	ng	-0.01
19) 2-Fluorobiphenyl	12.88	172	118991	9.97	ng	0.00
33) Terphenyl-d14	19.66	244	112547	10.61	ng	0.01

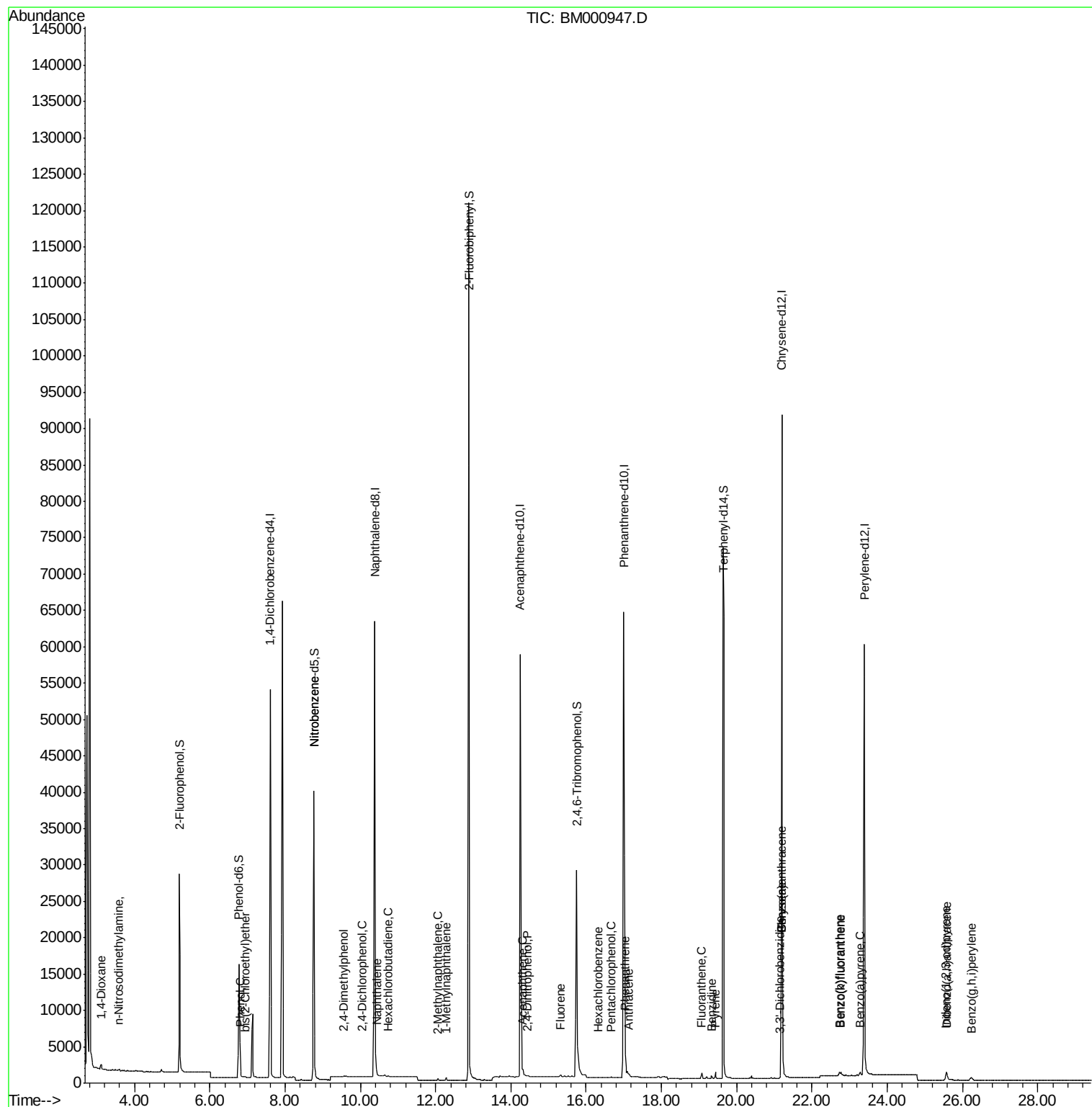
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1102	0.37	ng	# 70
3) n-Nitrosodimethylamine	3.58	42	137	0.05	ng	# 1
6) Phenol	6.82	94	399	0.06	ng	# 37
7) bis(2-Chloroethyl)ether	6.95	93	143	0.02	ng	# 73
10) Nitrobenzene	8.76	77	166	0.20	ng	# 61
11) 2,4-Dimethylphenol	9.56	122	90	0.02	ng	# 77
12) 2,4-Dichlorophenol	10.05	162	54	0.01	ng	# 52
13) Naphthalene	10.44	128	1077	0.05	ng	# 77
14) Hexachlorobutadiene	10.74	225	38	0.01	ng	# 60
15) 2-Methylnaphthalene	12.07	142	302	0.02	ng	# 84
16) 1-Methylnaphthalene	12.29	142	315	0.02	ng	# 94
20) Acenaphthylene	13.96	152	210	Below Cal		# 37
21) Acenaphthene	14.32	154	689	0.06	ng	# 90
22) 2,4-Dinitrophenol	14.42	184	12	0.23	ng	# 2
23) Fluorene	15.32	166	339	0.02	ng	# 71
25) Hexachlorobenzene	16.32	284	60	0.01	ng	# 1
26) Pentachlorophenol	16.67	266	103	0.22	ng	# 73
27) Phenanthrene	17.04	178	1041	0.04	ng	# 76
28) Anthracene	17.14	178	467	0.02	ng	# 48
29) Fluoranthene	19.07	202	882	0.03	ng	# 81
31) Benzidine	19.33	184	137	0.04	ng	# 1
32) Pyrene	19.43	202	855	0.03	ng	# 83
34) Benzo(a)anthracene	21.18	228	933	0.04	ng	# 82
35) 3,3'-Dichlorobenzidine	21.14	252	118	0.31	ng	# 41
36) Chrysene	21.18	228	933	0.04	ng	# 87
37) Indeno(1,2,3-cd)pyrene	25.57	276	1309	0.05	ng	# 98
39) Benzo(b)fluoranthene	22.73	252	700	0.03	ng	# 1
40) Benzo(k)fluoranthene	22.77	252	577	0.02	ng	# 1
41) Benzo(a)pyrene	23.28	252	593	0.03	ng	# 1
42) Dibenzo(a,h)anthracene	25.58	278	1389	0.07	ng	# 62
43) Benzo(g,h,i)perylene	26.23	276	849	0.04	ng	# 70

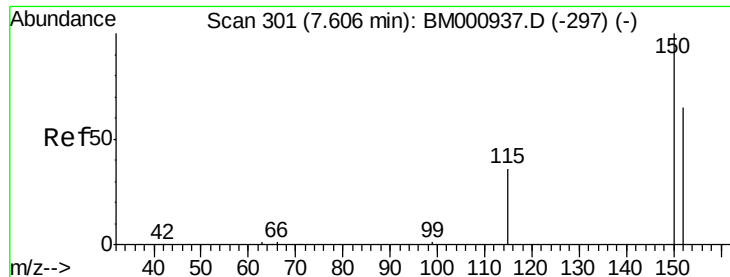
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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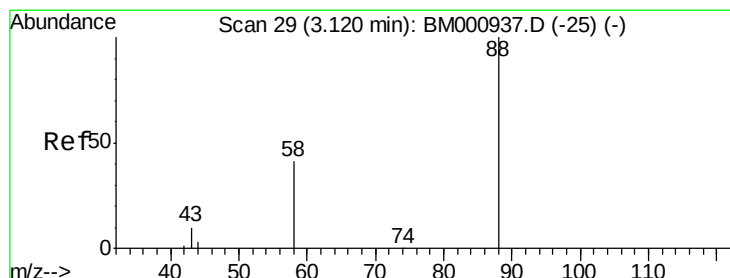
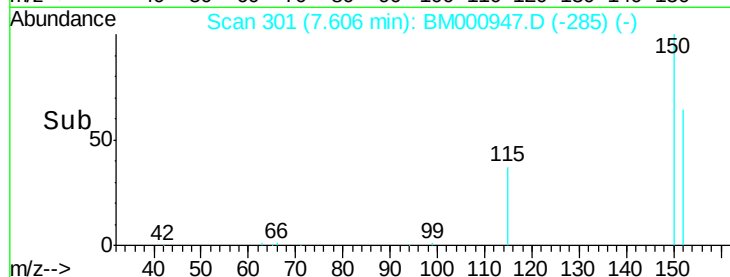
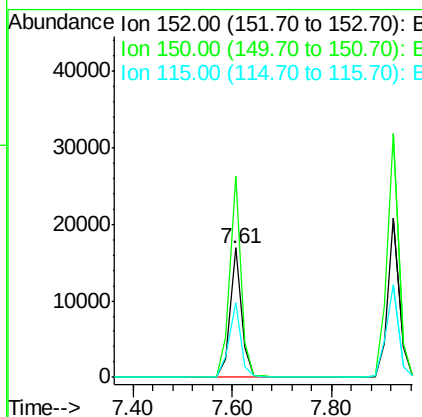
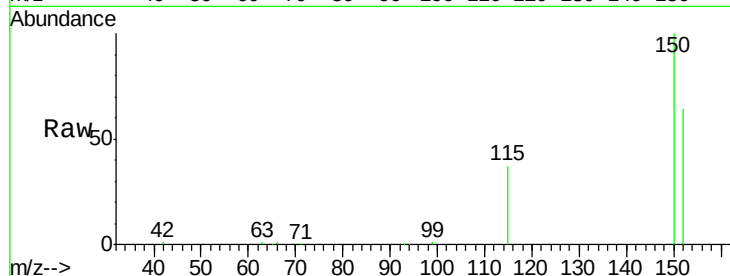




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

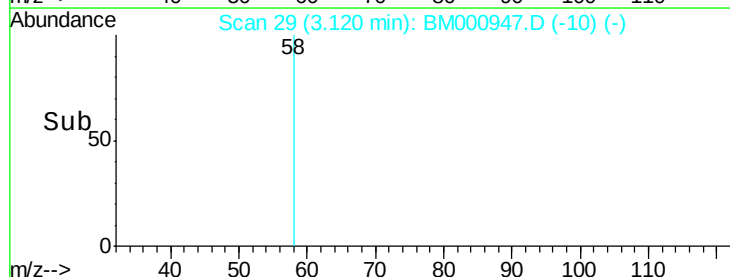
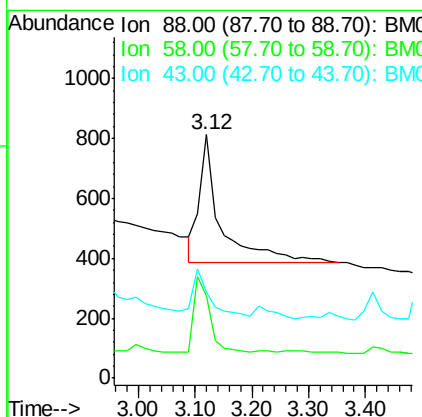
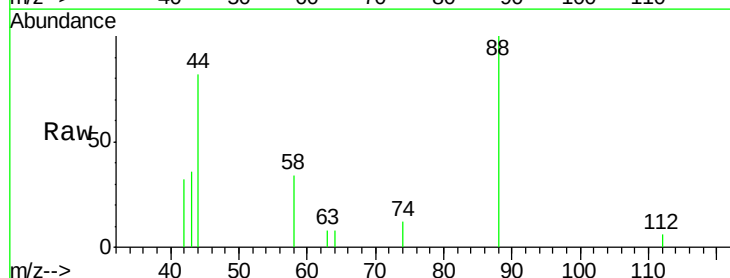
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

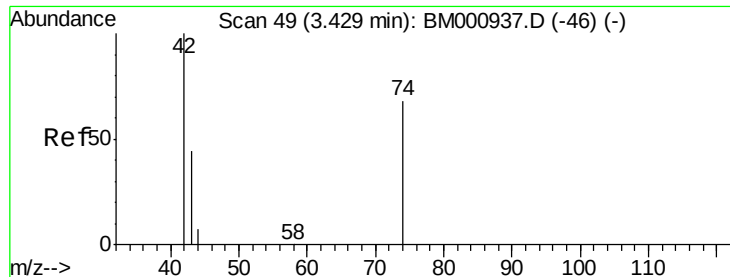
Tgt Ion: 152 Resp: 26607
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.4 188.2
 115 57.4 45.9 68.9



#2
 1,4-Dioxane
 Concen: 0.37 ng
 RT: 3.12 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion: 88 Resp: 1102
 Ion Ratio Lower Upper
 88 100
 58 44.2 63.0 94.6#
 43 28.7 27.0 40.4





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.58 min Scan# 59

Delta R.T. 0.15 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

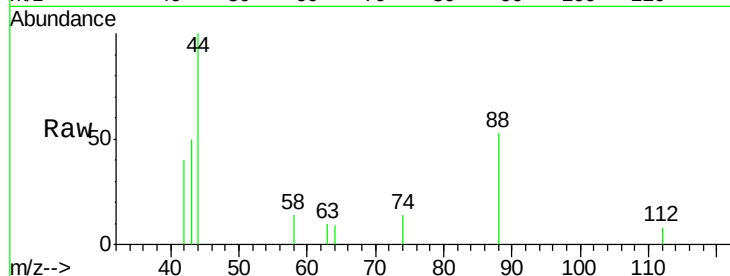
Tgt Ion: 42 Resp: 137

Ion Ratio Lower Upper

42 100

74 35.5 26.0 39.0

44 251.2 29.0 43.4#

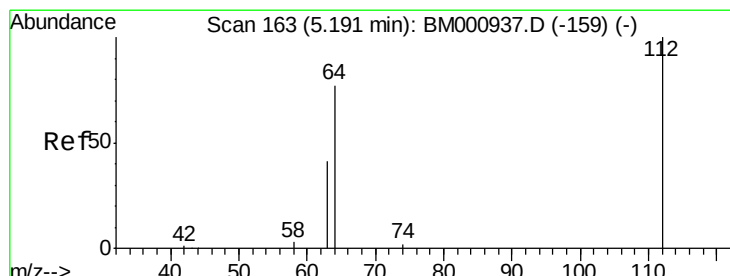
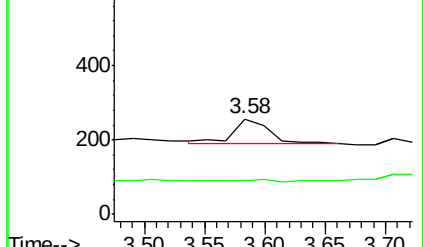
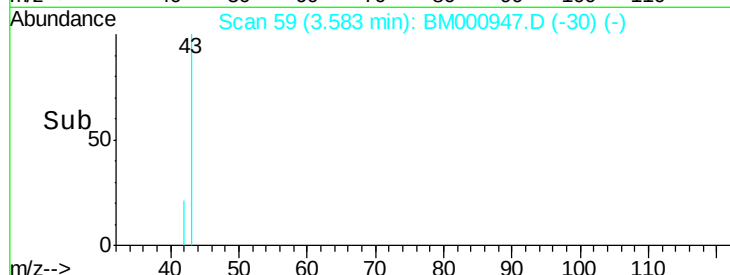


Abundance Ion 42.00 (41.70 to 42.70): BM000937.D (-46) (-)

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: 4.21 ng

RT: 5.19 min Scan# 163

Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

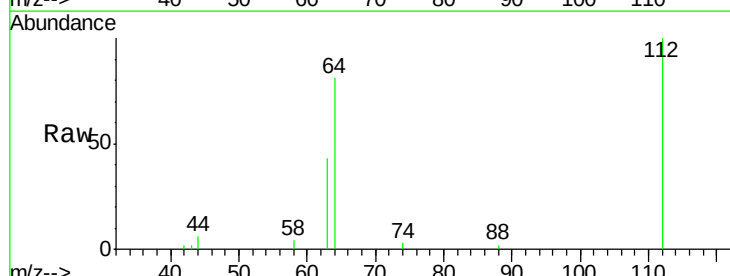
Tgt Ion: 112 Resp: 23718

Ion Ratio Lower Upper

112 100

64 80.9 31.8 47.8#

63 43.1 14.5 21.7#

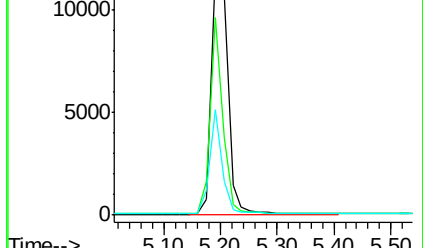
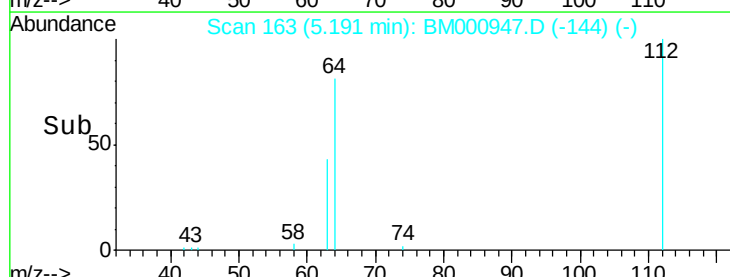


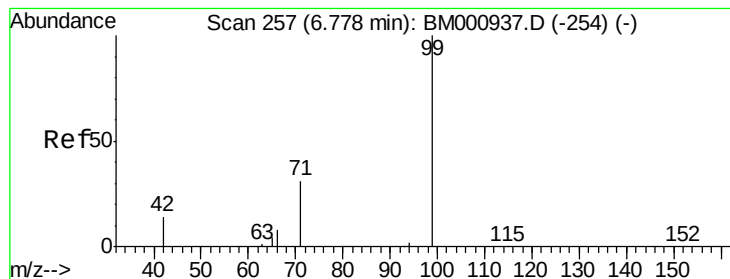
Abundance Ion 112.00 (111.70 to 112.70): BM000937.D (-159) (-)

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: 2.66 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

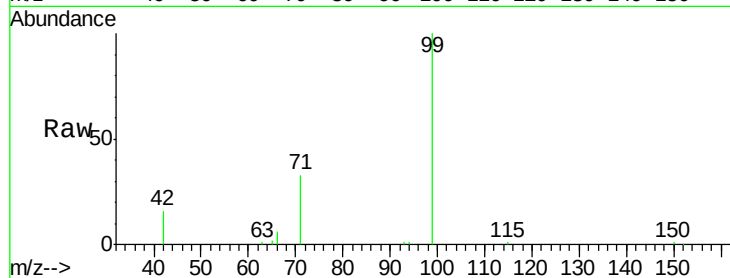
Tgt Ion: 99 Resp: 17915

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

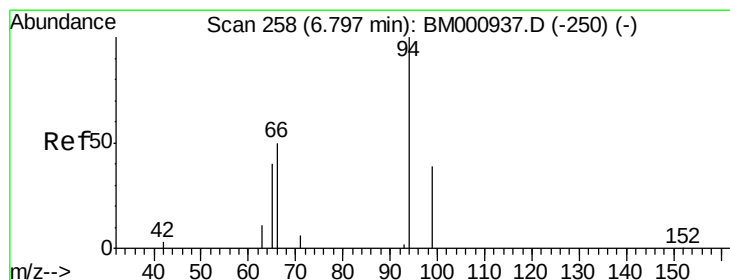
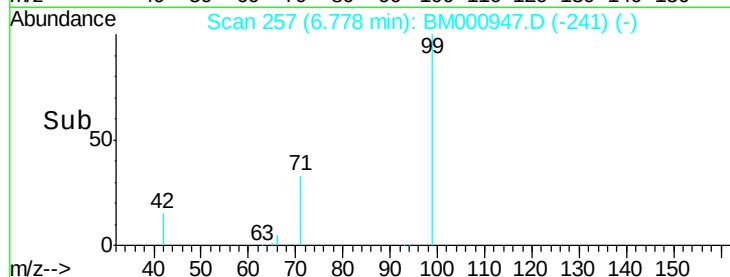
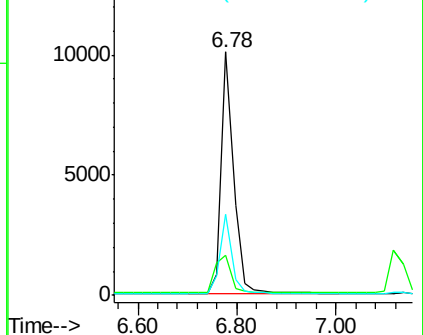
71 33.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000947.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM000947.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM000947.D (-254) (-)



#6

Phenol

Concen: 0.06 ng

RT: 6.82 min Scan# 259

Delta R.T. 0.02 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

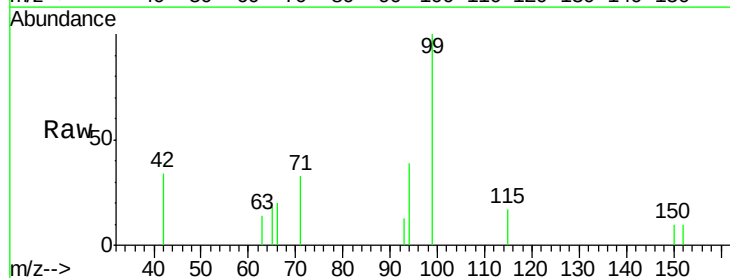
Tgt Ion: 94 Resp: 399

Ion Ratio Lower Upper

94 100

65 45.8 0.0 36.0#

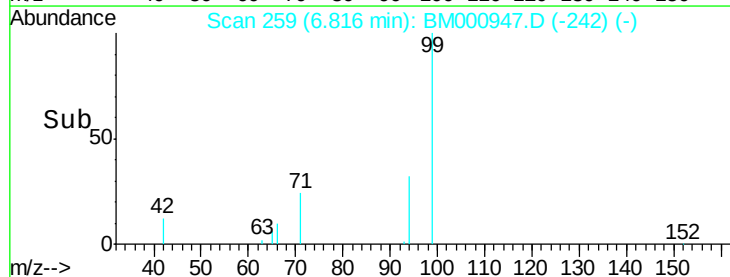
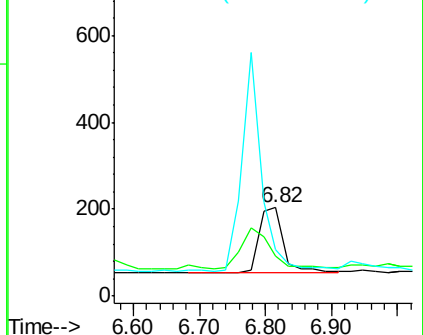
66 52.2 3.7 43.7#

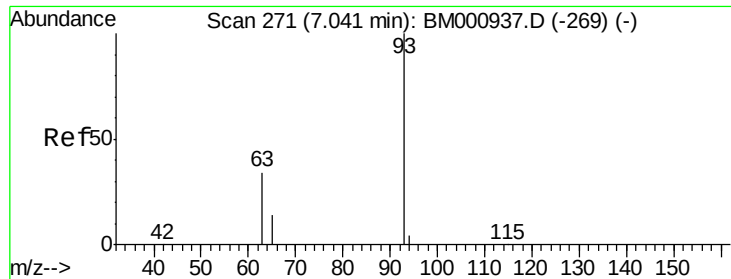


Abundance Ion 94.00 (93.70 to 94.70): BM000947.D (-250) (-)

Ion 65.00 (64.70 to 65.70): BM000947.D (-250) (-)

Ion 66.00 (65.70 to 66.70): BM000947.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: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

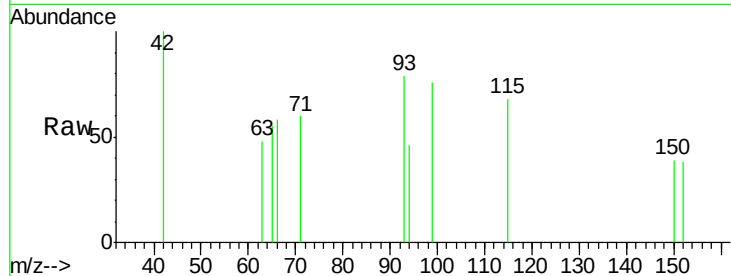
Tgt Ion: 93 Resp: 143

Ion Ratio Lower Upper

93 100

63 61.2 24.0 64.0

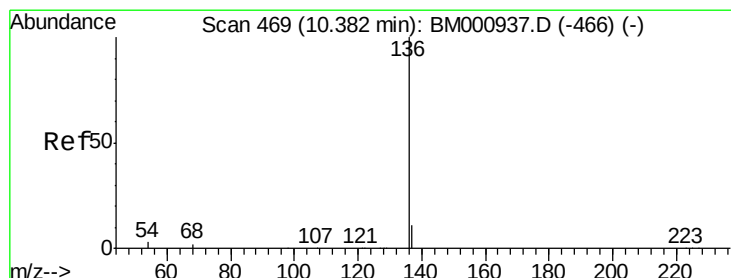
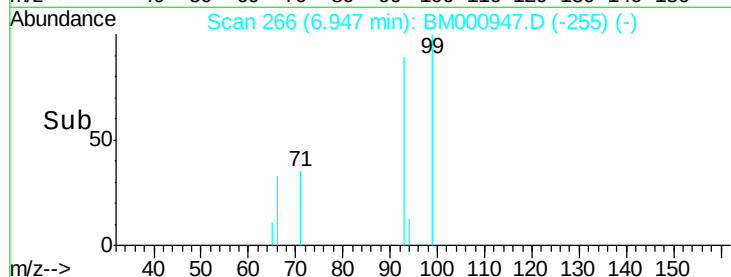
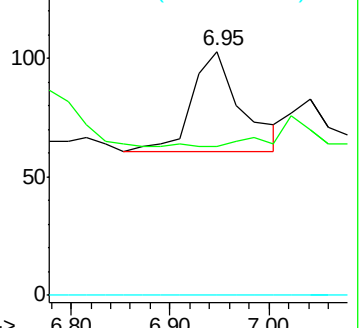
95 0.0 0.0 20.0



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: BM000947.D

Acq: 10 Apr 2015 19:49

Tgt Ion: 136 Resp: 97418

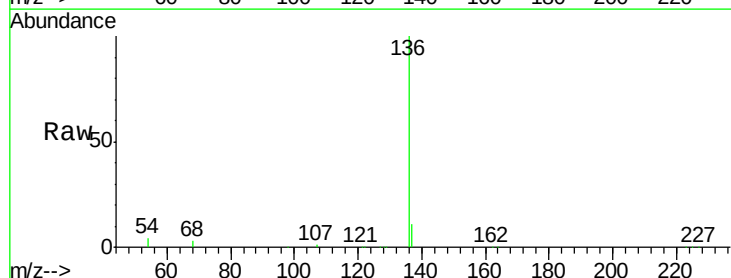
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 4.0 2.9 4.3

68 3.0 2.2 3.2

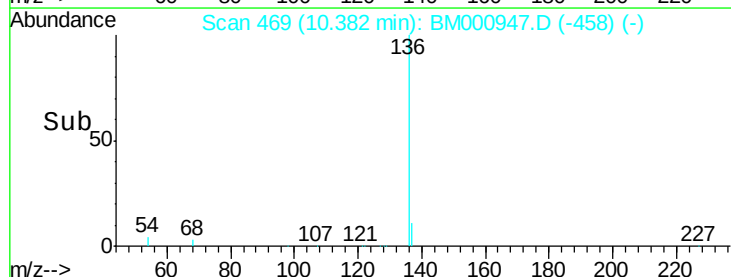
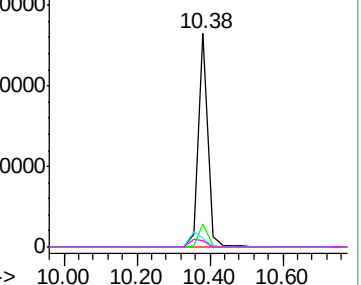


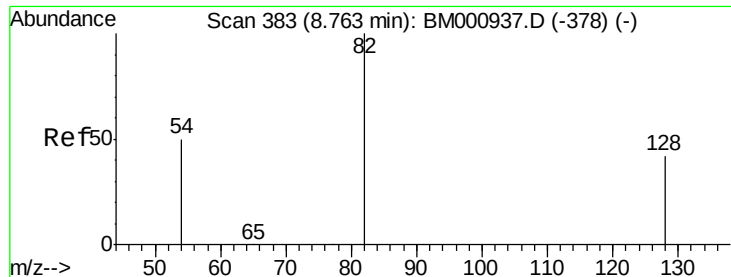
Abundance Ion 136.00 (135.70 to 136.70): BM000937.D (-466) (-)

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: 7.95 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampled :

LS-SW05

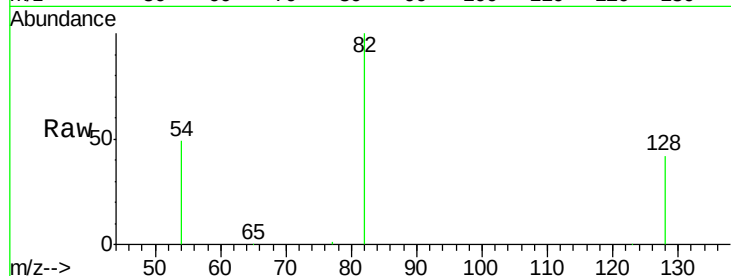
Tgt Ion: 82 Resp: 37400

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.0

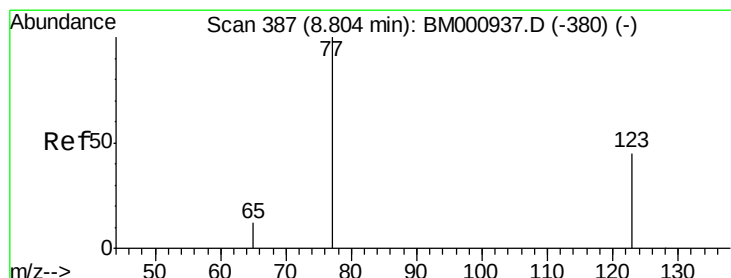
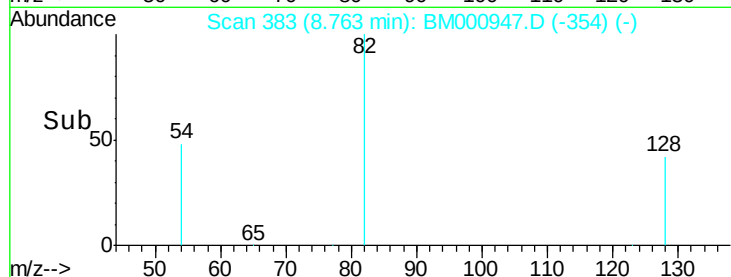
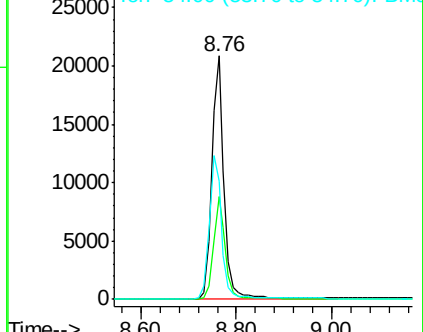
54 48.6 40.5 60.7



Abundance Ion 82.00 (81.70 to 82.70): BM000947.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000947.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000947.D (-378) (-)



#10

Nitrobenzene

Concen: 0.20 ng

RT: 8.76 min Scan# 383

Delta R.T. -0.04 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

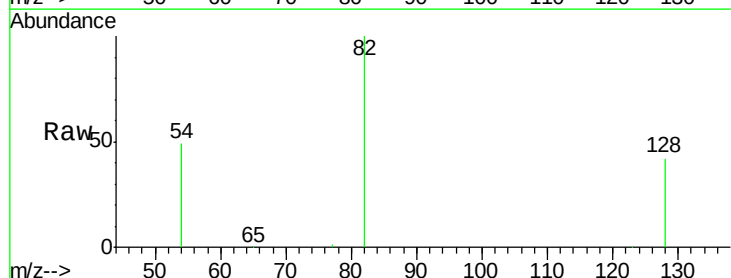
Tgt Ion: 77 Resp: 166

Ion Ratio Lower Upper

77 100

123 32.7 35.0 52.6#

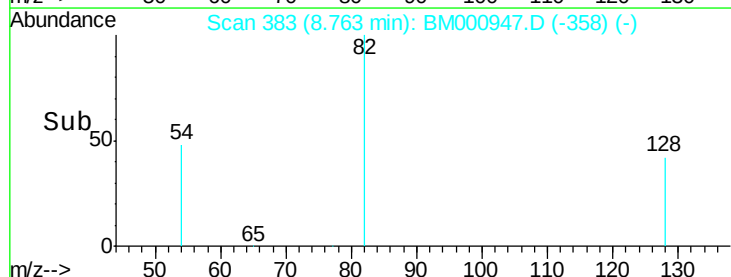
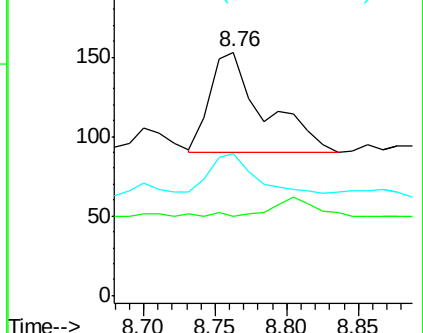
65 58.2 10.7 16.1#

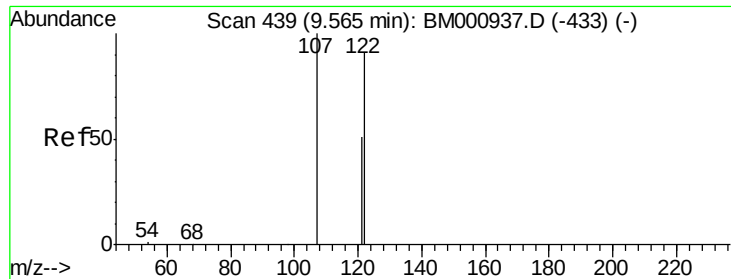


Abundance Ion 77.00 (76.70 to 77.70): BM000947.D (-380) (-)

Ion 123.00 (122.70 to 123.70): BM000947.D (-380) (-)

Ion 65.00 (64.70 to 65.70): BM000947.D (-380) (-)

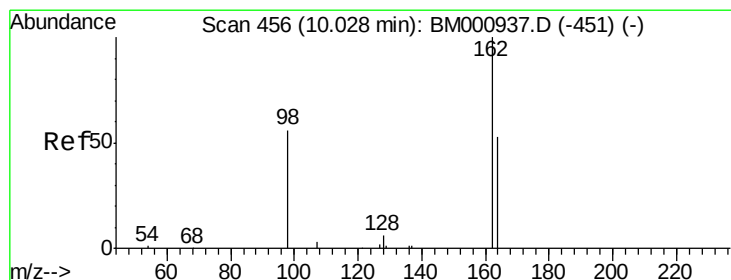
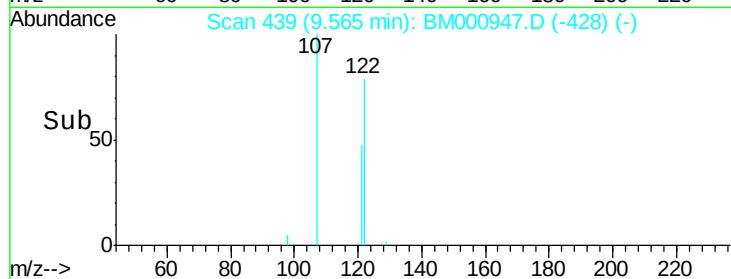
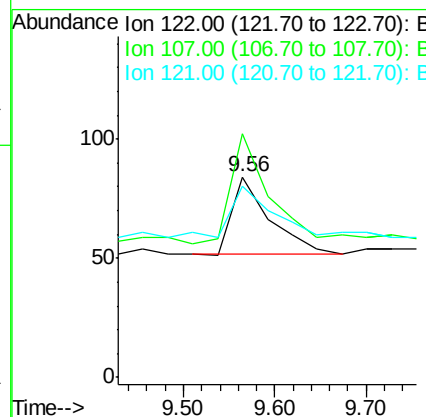
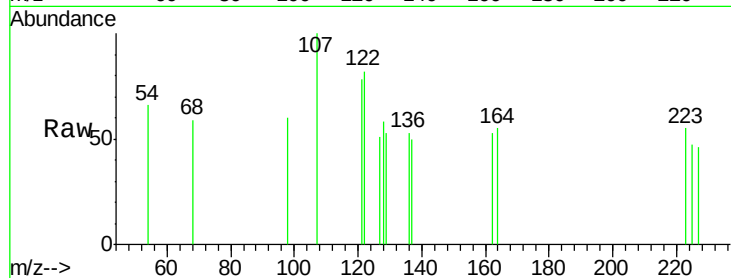




#11
 2,4-Dimethylphenol
 Concen: 0.02 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

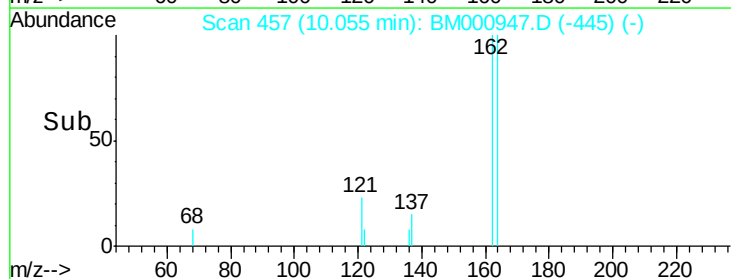
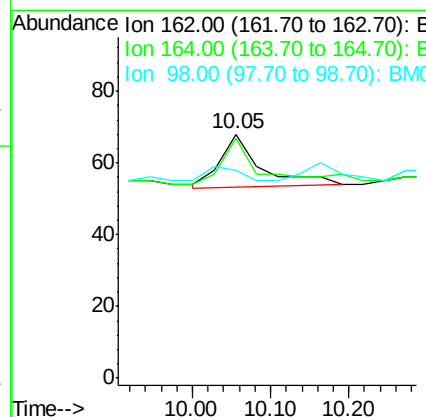
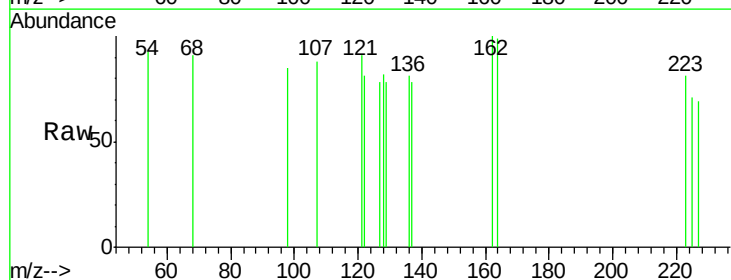
Instrument :
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 LS-SW05

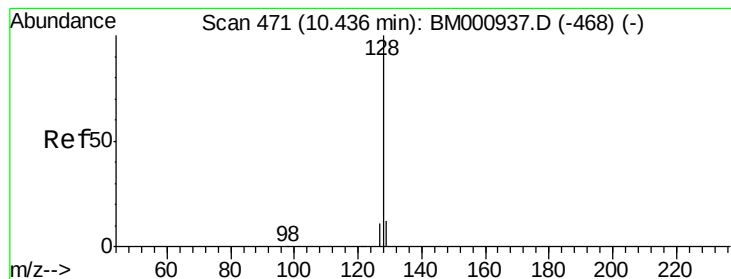
Tgt Ion:122 Resp: 90
 Ion Ratio Lower Upper
 122 100
 107 121.4 89.8 134.6
 121 95.2 46.6 70.0#



#12
 2,4-Dichlorophenol
 Concen: 0.01 ng
 RT: 10.05 min Scan# 457
 Delta R.T. 0.03 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion:162 Resp: 54
 Ion Ratio Lower Upper
 162 100
 164 98.5 32.5 72.5#
 98 85.3 40.5 80.5#





#13

Naphthalene

Concen: 0.05 ng

RT: 10.44 min Scan# 471

Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

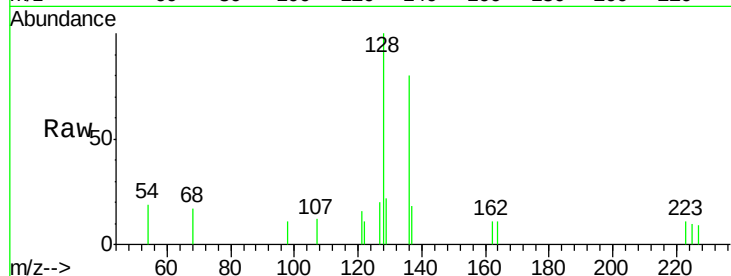
Tgt Ion:128 Resp: 1077

Ion Ratio Lower Upper

128 100

129 21.7 9.8 14.6#

127 20.0 9.1 13.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

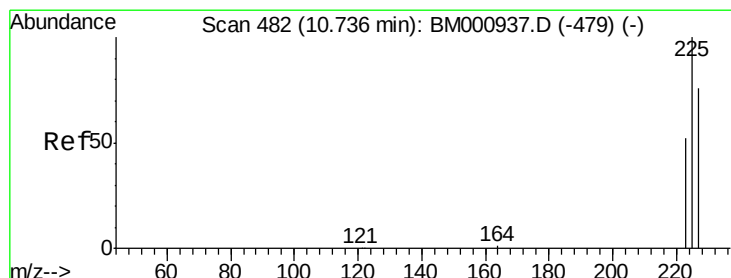
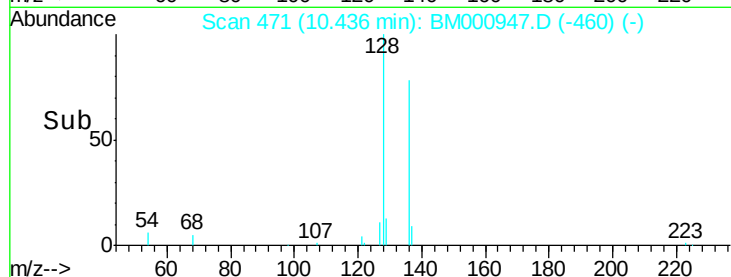
10.44

400

200

0

Time--> 10.00 10.20 10.40 10.60



#14

Hexachlorobutadiene

Concen: 0.01 ng

RT: 10.74 min Scan# 482

Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

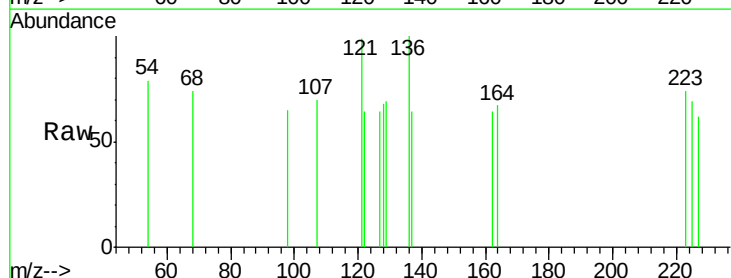
Tgt Ion:225 Resp: 38

Ion Ratio Lower Upper

225 100

223 106.9 42.2 63.2#

227 89.7 61.4 92.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.74

80

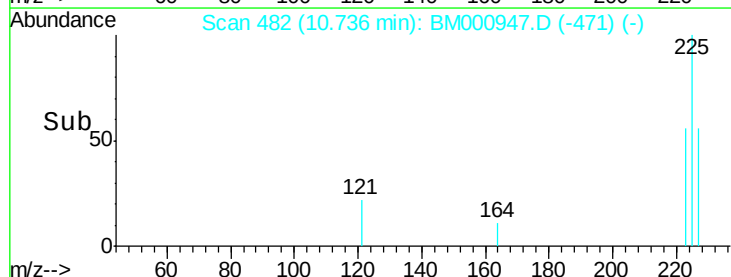
60

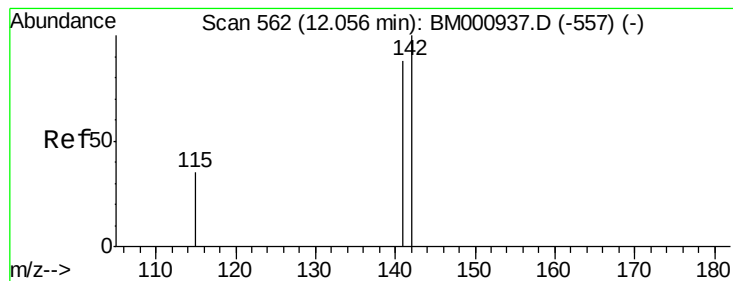
40

20

0

Time--> 10.60 10.70 10.80 10.90





#15

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.07 min Scan# 563

Delta R.T. 0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

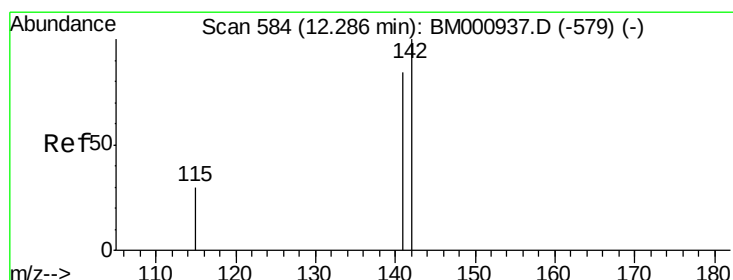
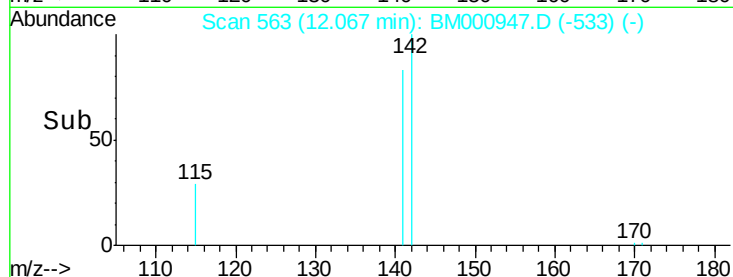
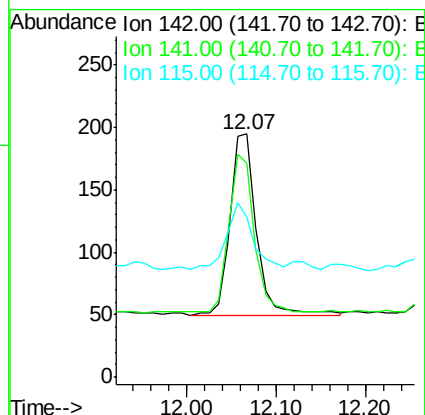
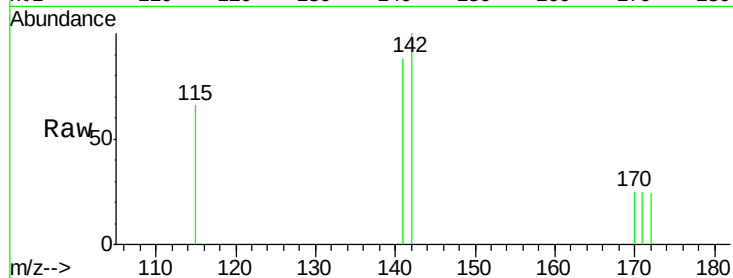
Tgt Ion:142 Resp: 302

Ion Ratio Lower Upper

142 100

141 87.7 71.2 106.8

115 65.6 28.3 42.5#



#16

1-Methylnaphthalene

Concen: 0.02 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

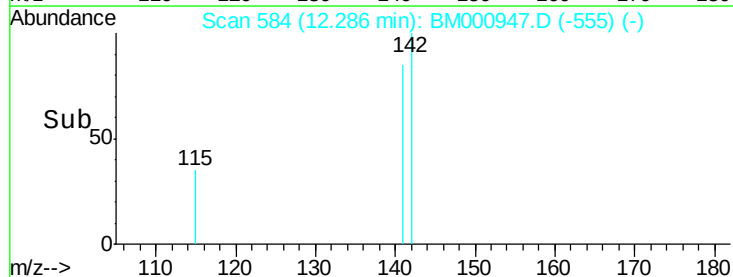
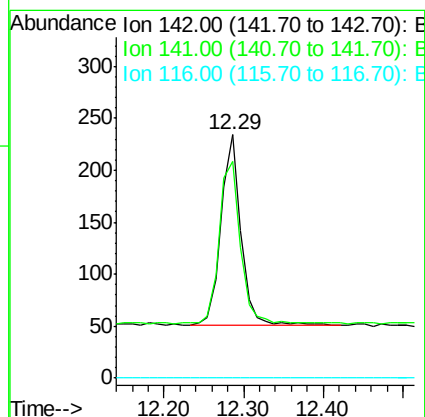
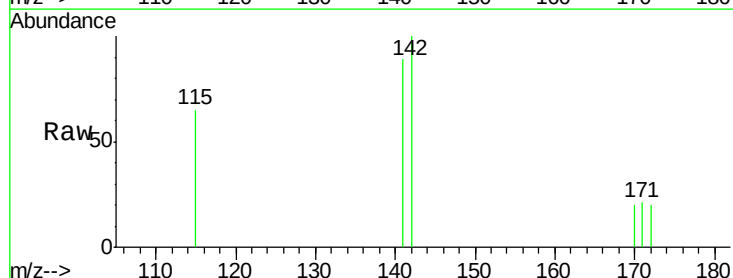
Tgt Ion:142 Resp: 315

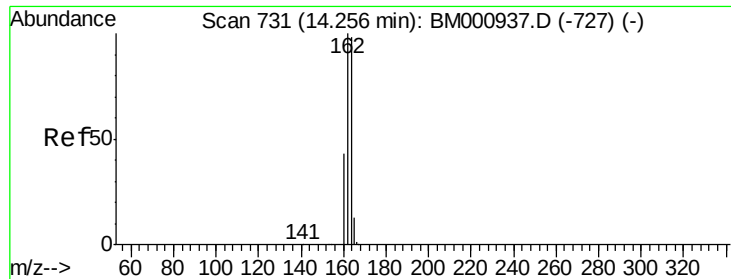
Ion Ratio Lower Upper

142 100

141 88.9 66.7 100.1

116 0.0 0.0 0.0





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 730

Delta R.T. -0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

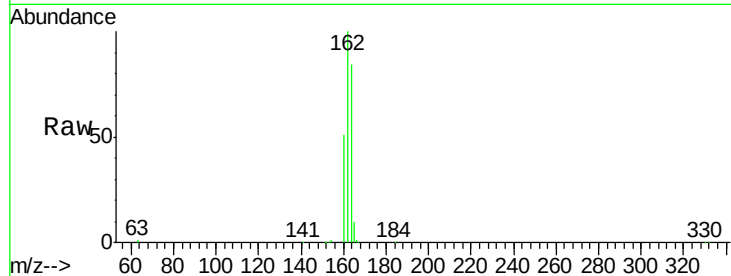
Tgt Ion:164 Resp: 42606

Ion Ratio Lower Upper

164 100

162 119.3 96.1 144.1

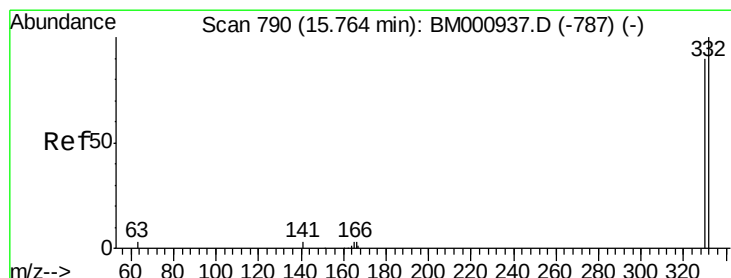
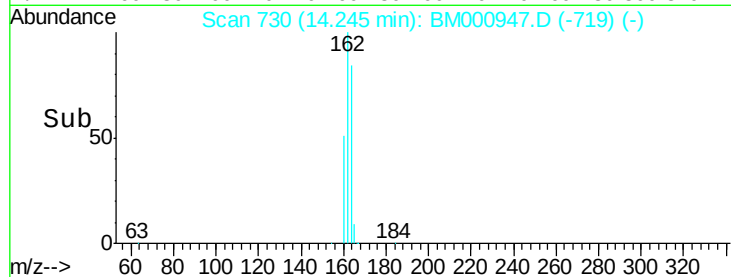
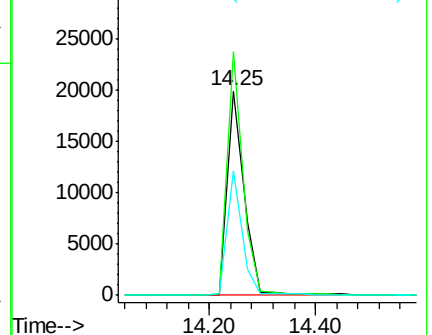
160 60.8 48.2 72.2



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: 13.38 ng

RT: 15.75 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

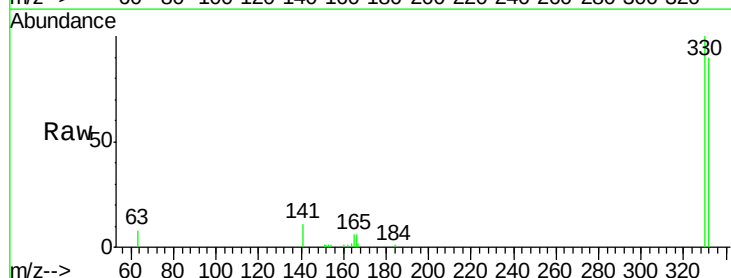
Tgt Ion:330 Resp: 23783

Ion Ratio Lower Upper

330 100

332 93.0 75.4 113.2

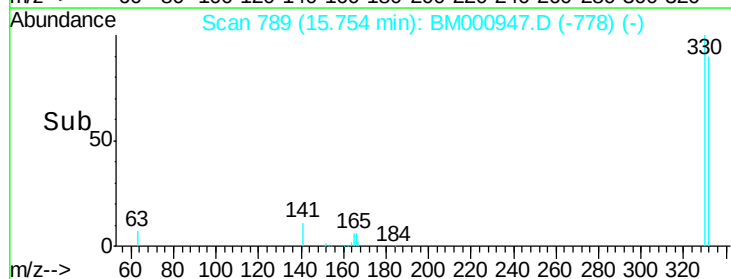
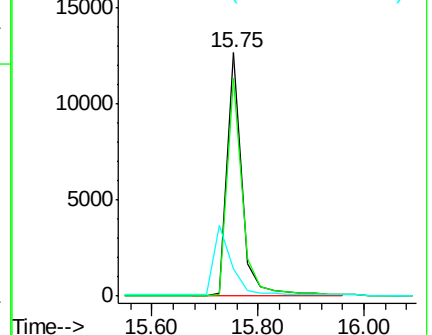
141 0.0 0.0 0.0

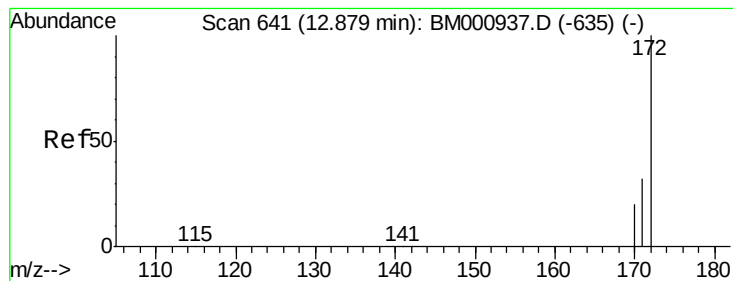


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

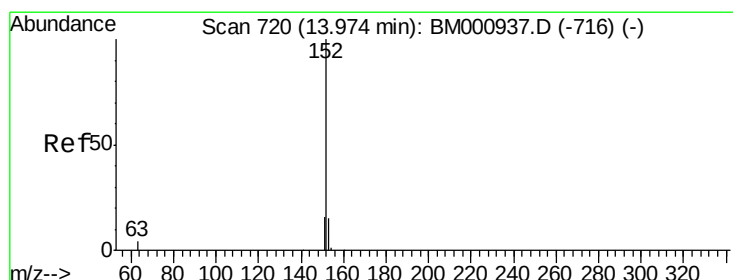
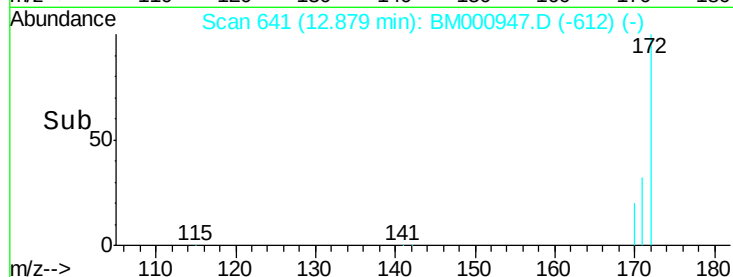
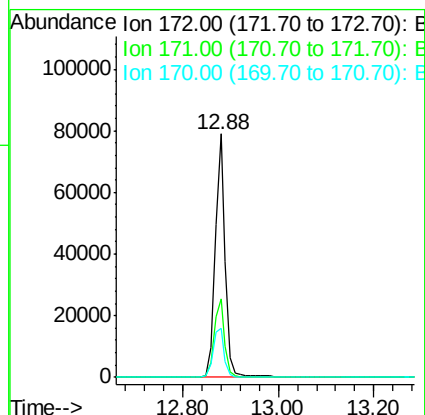
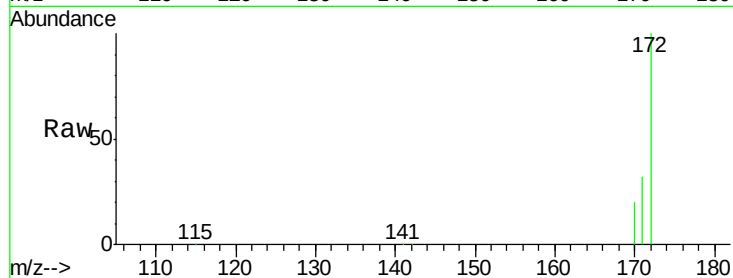




#19
2-Fluorobiphenyl
Concen: 9.97 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49

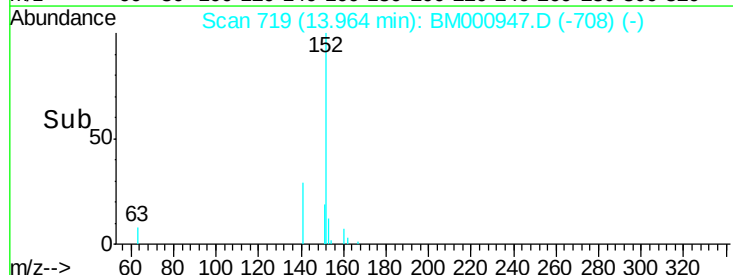
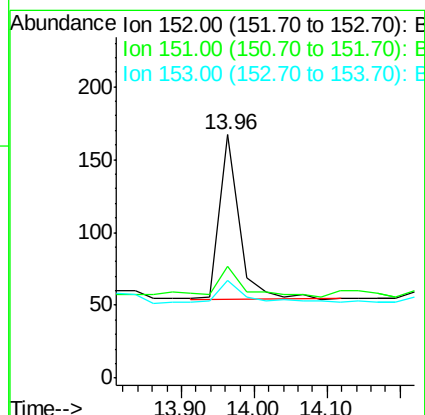
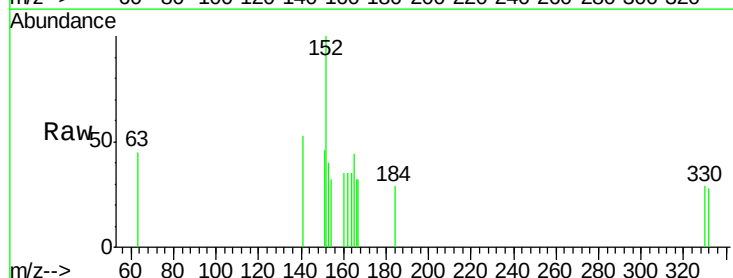
Instrument :
BNA_M
ClientSampleId :
LS-SW05

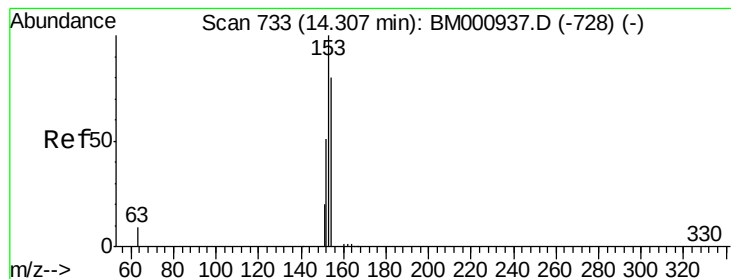
Tgt Ion:172 Resp: 118991
Ion Ratio Lower Upper
172 100
171 32.5 26.7 40.1
170 20.2 17.0 25.4



#20
Acenaphthylene
Concen: Below Cal
RT: 13.96 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49

Tgt Ion:152 Resp: 210
Ion Ratio Lower Upper
152 100
151 46.1 15.4 23.0#
153 40.1 10.2 15.2#





#21

Acenaphthene

Concen: 0.06 ng

RT: 14.32 min Scan# 733

Delta R.T. 0.02 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

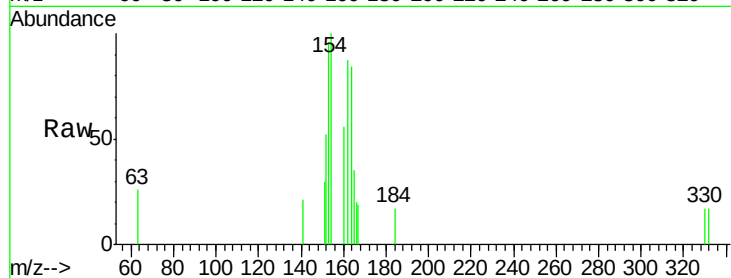
Tgt Ion:154 Resp: 689

Ion Ratio Lower Upper

154 100

153 95.6 73.7 110.5

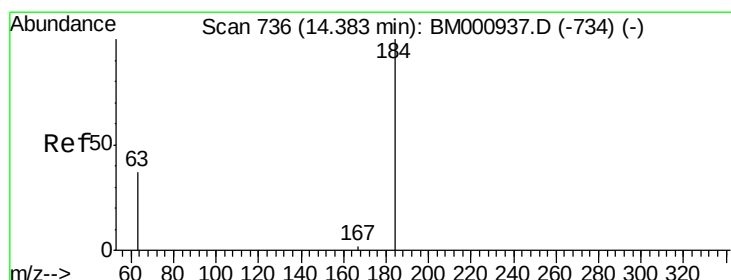
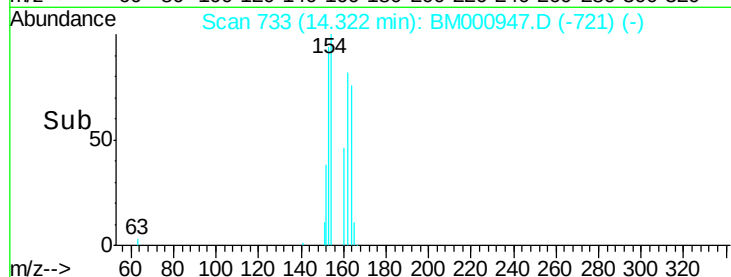
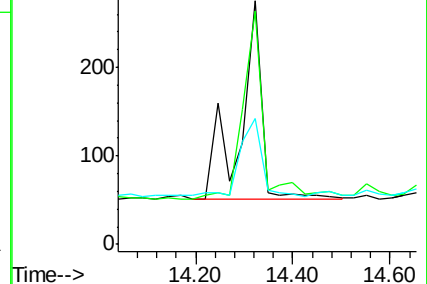
152 52.0 29.0 43.6#



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: 14.42 min Scan# 737

Delta R.T. 0.04 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

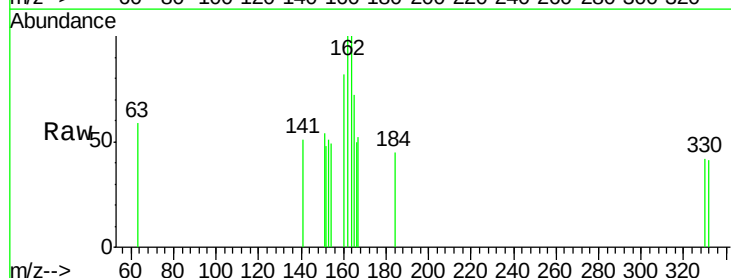
Tgt Ion:184 Resp: 12

Ion Ratio Lower Upper

184 100

63 132.0 39.0 58.4#

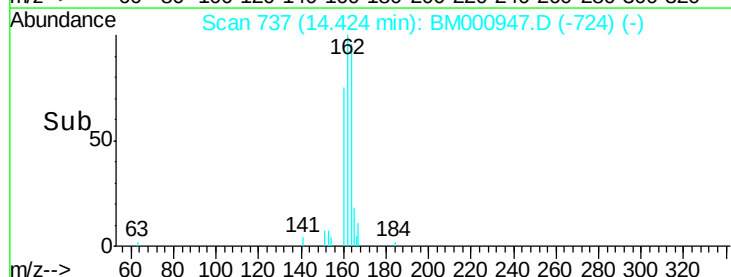
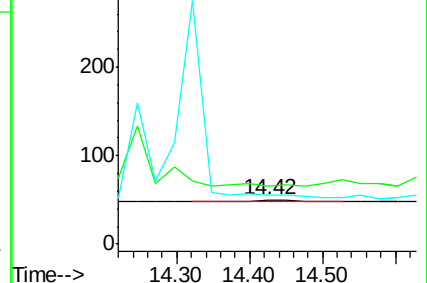
154 110.0 43.8 65.8#

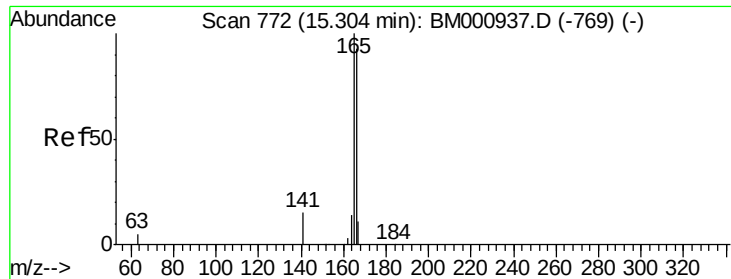


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

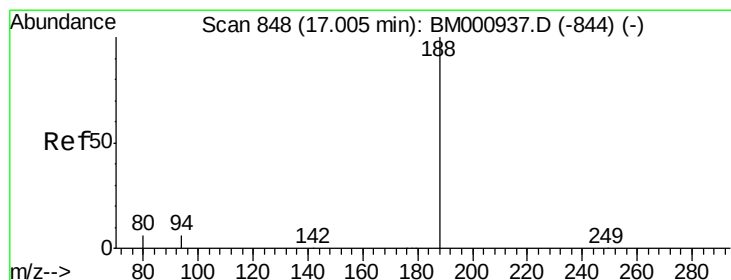
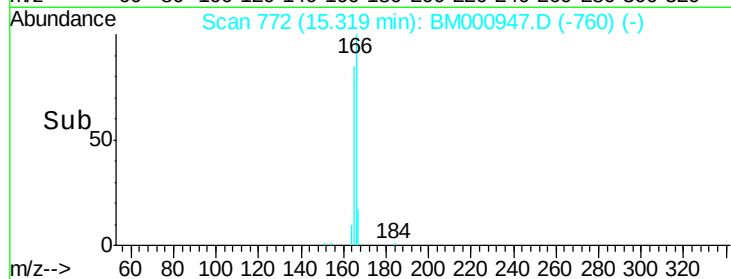
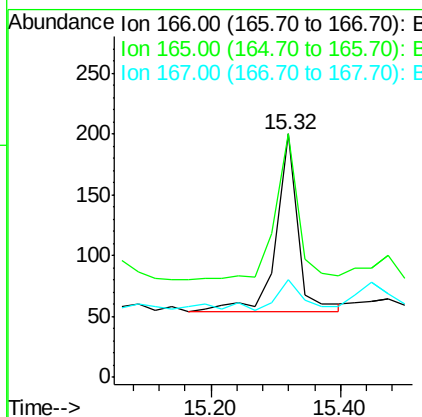
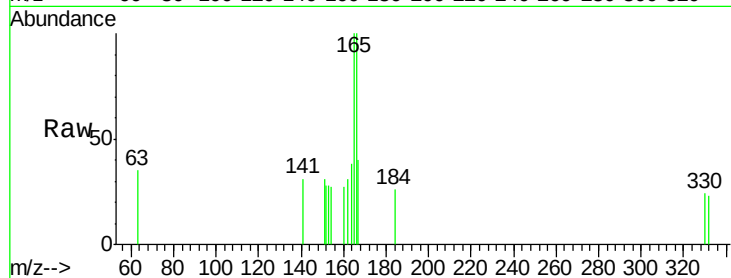




#23
 Fluorene
 Concen: 0.02 ng
 RT: 15.32 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

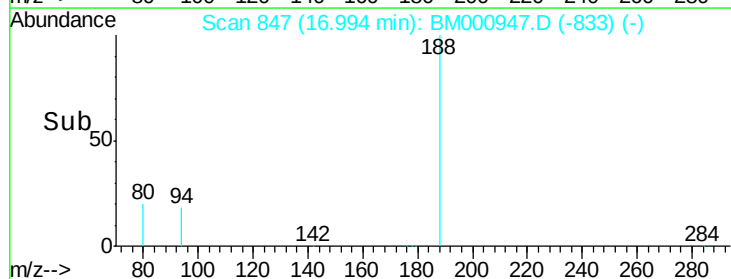
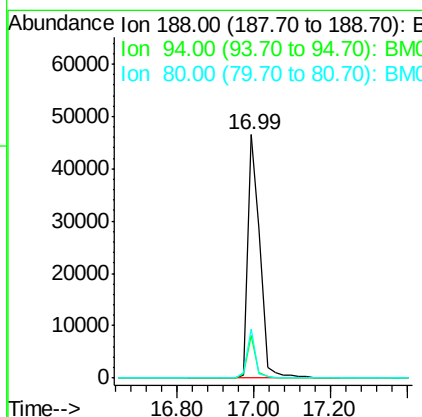
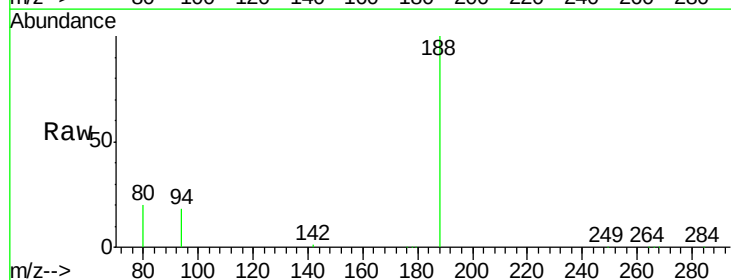
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

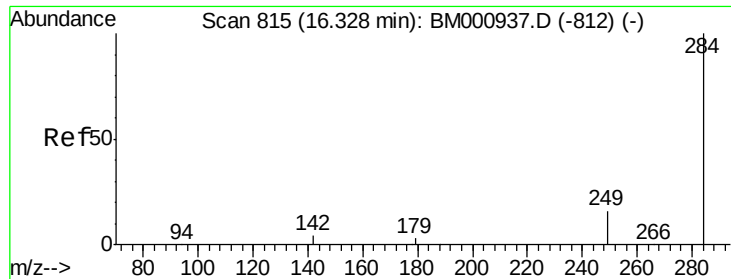
Tgt Ion:166 Resp: 339
 Ion Ratio Lower Upper
 166 100
 165 100.0 63.7 95.5#
 167 40.0 12.7 19.1#



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.99 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion:188 Resp: 99270
 Ion Ratio Lower Upper
 188 100
 94 17.6 12.2 18.4
 80 19.9 13.4 20.0

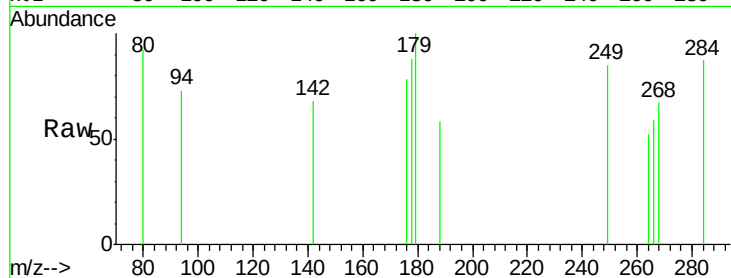




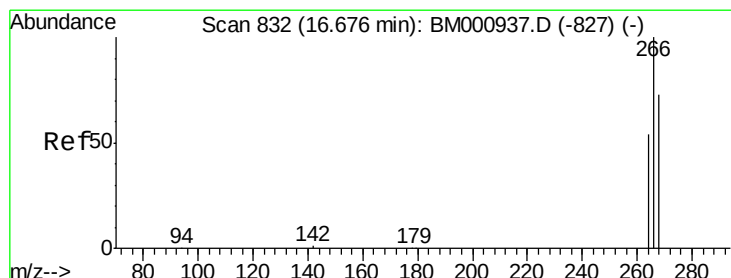
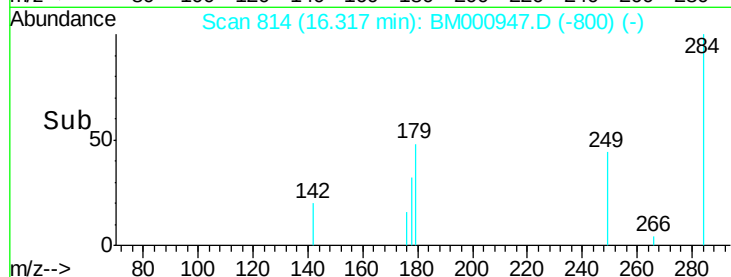
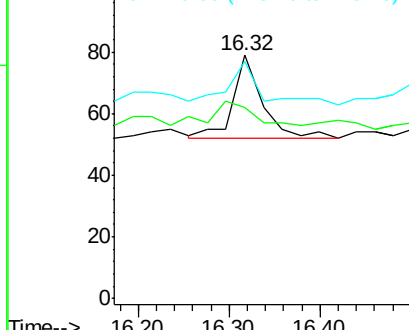
#25
Hexachlorobenzene
Concen: 0.01 ng
RT: 16.32 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49

Instrument :
BNA_M
ClientSampled :
LS-SW05

Tgt Ion: 284 Resp: 60
Ion Ratio Lower Upper
284 100
142 78.5 16.2 24.2#
249 97.5 27.4 41.2#

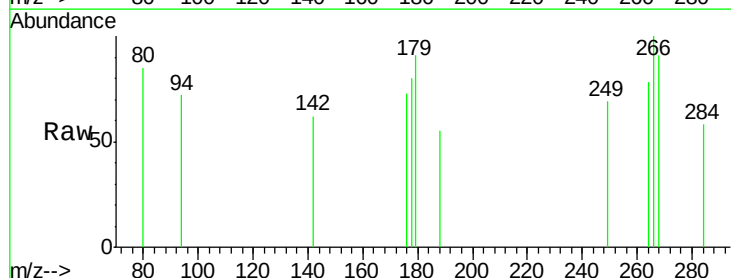


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

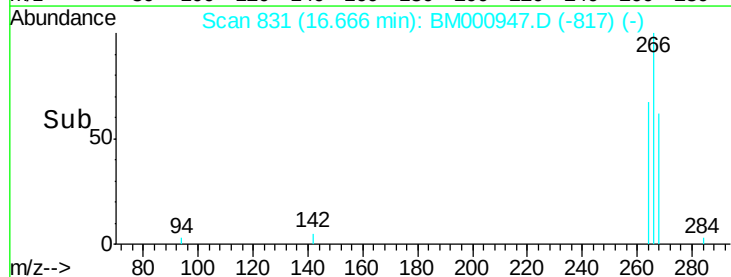
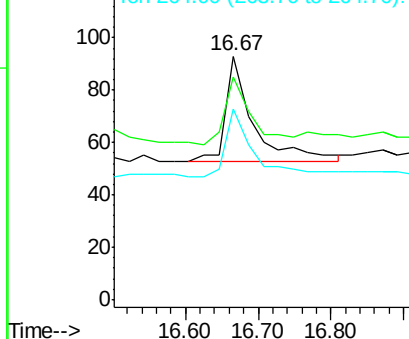


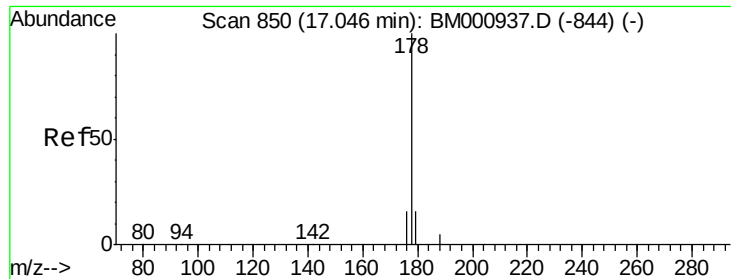
#26
Pentachlorophenol
Concen: 0.22 ng
RT: 16.67 min Scan# 831
Delta R.T. -0.01 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49

Tgt Ion: 266 Resp: 103
Ion Ratio Lower Upper
266 100
268 91.4 53.0 79.4#
264 78.5 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: 0.04 ng

RT: 17.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

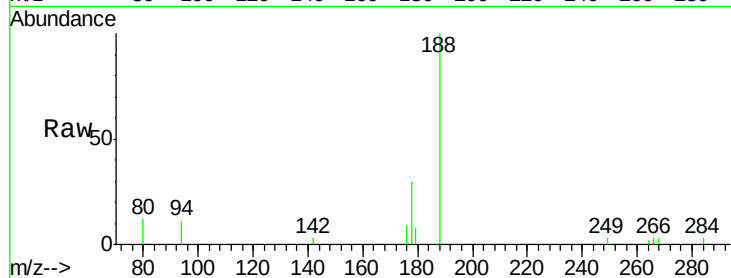
Tgt Ion:178 Resp: 1041

Ion Ratio Lower Upper

178 100

176 29.6 16.0 24.0#

179 26.1 11.4 17.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.04

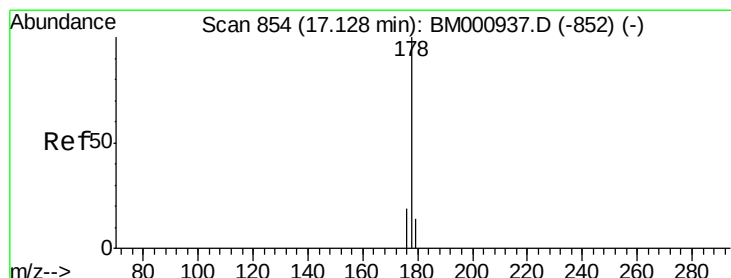
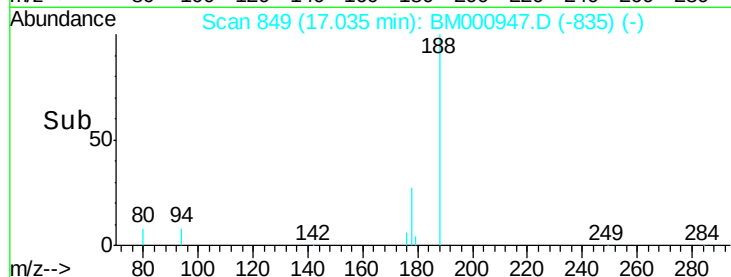
600

400

200

0

Time--> 16.90 17.00 17.10



#28

Anthracene

Concen: 0.02 ng

RT: 17.14 min Scan# 854

Delta R.T. 0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

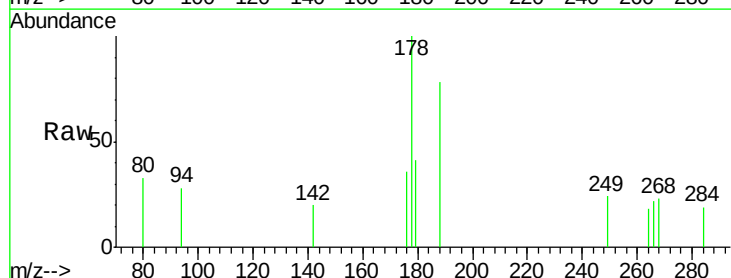
Tgt Ion:178 Resp: 467

Ion Ratio Lower Upper

178 100

176 36.1 12.7 19.1#

179 41.5 13.9 20.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.14

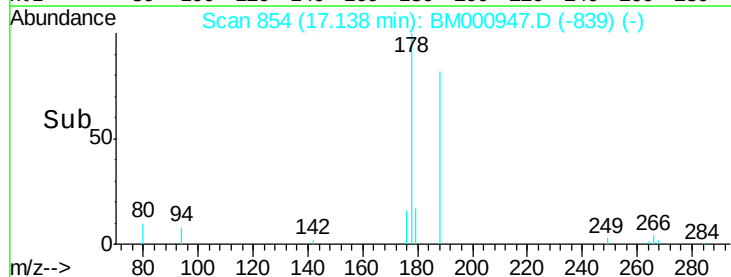
600

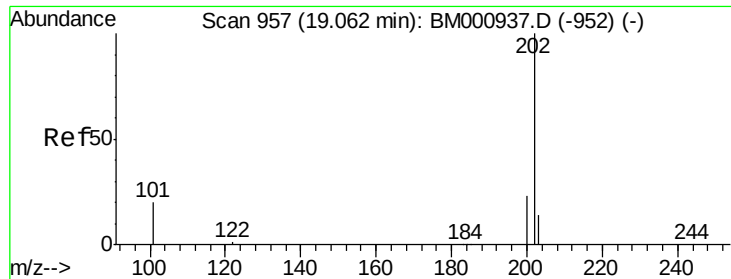
400

200

0

Time--> 17.00 17.20



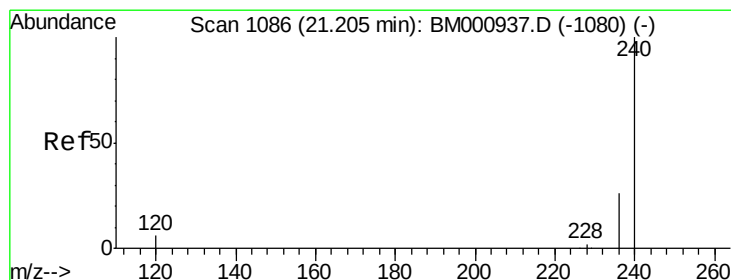
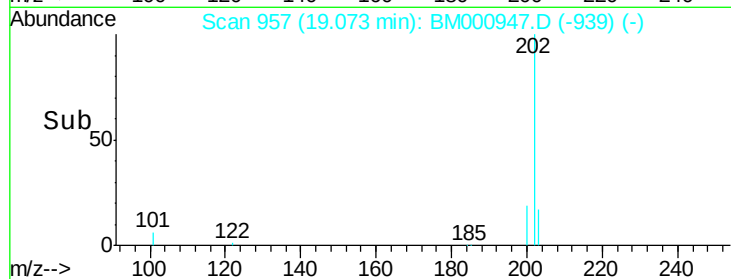
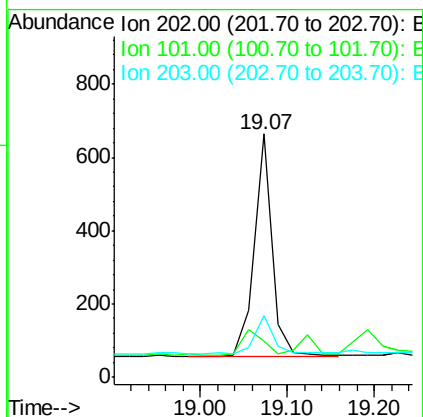
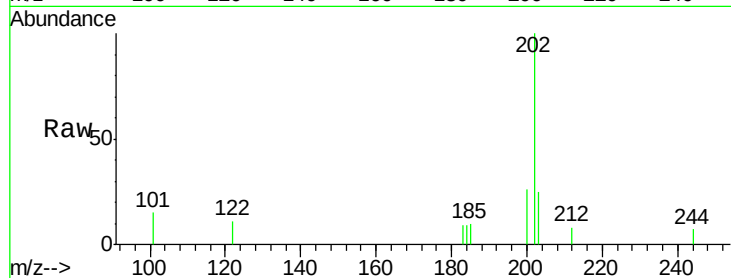


#29
Fluoranthene
 Concen: 0.03 ng
 RT: 19.07 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

Tgt Ion: 202 Resp: 882

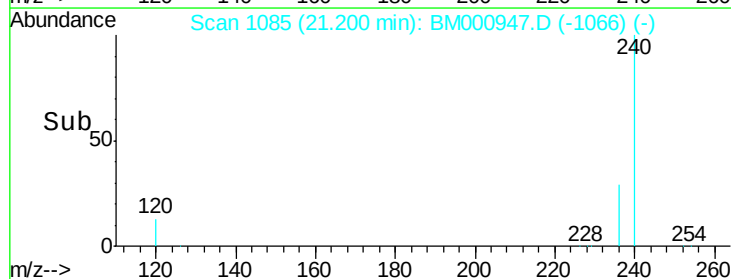
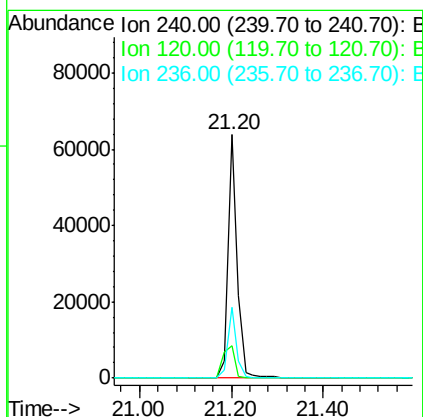
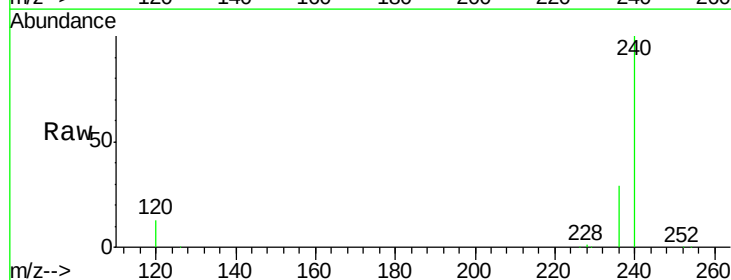
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	24.1
203	25.5	0.0	38.4

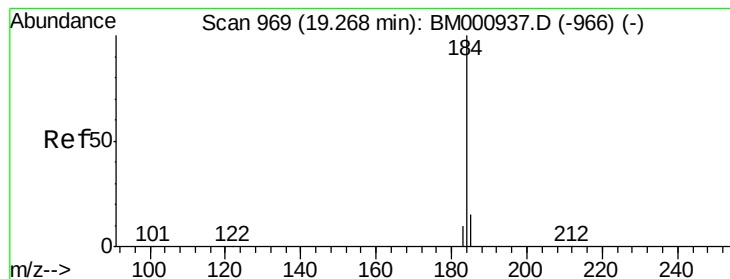


#30
Chrysene-d12
 Concen: 5.00 ng
 RT: 21.20 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion: 240 Resp: 87155

Ion	Ratio	Lower	Upper
240	100		
120	13.3	6.8	10.2#
236	29.0	22.1	33.1





#31

Benzidine

Concen: 0.04 ng

RT: 19.33 min Scan# 972

Delta R.T. 0.06 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampled :

LS-SW05

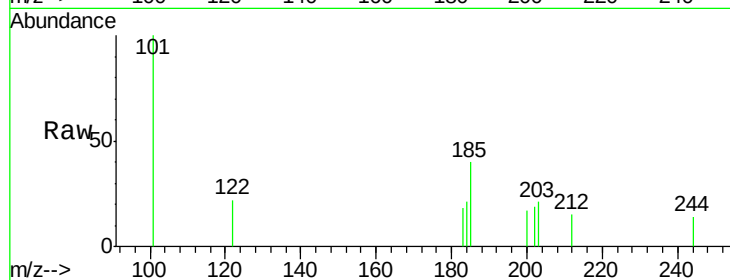
Tgt Ion:184 Resp: 137

Ion Ratio Lower Upper

184 100

185 193.1 12.2 18.4#

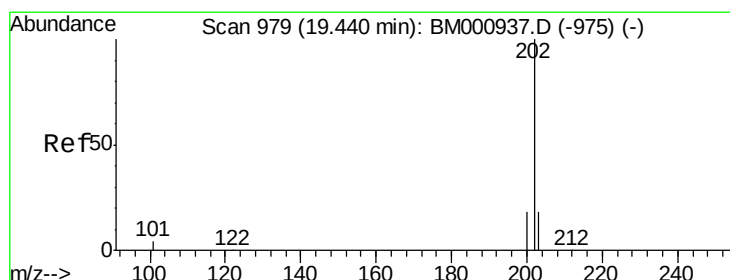
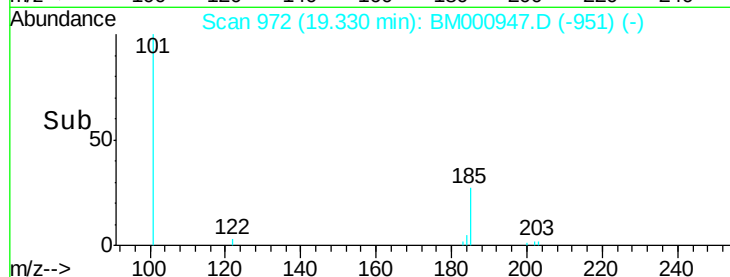
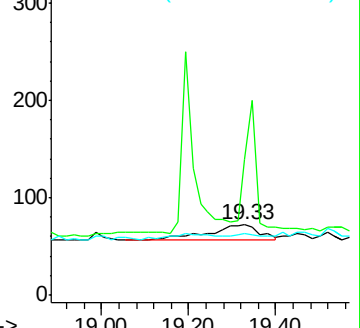
183 87.5 10.3 15.5#



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: BM000947.D

Acq: 10 Apr 2015 19:49

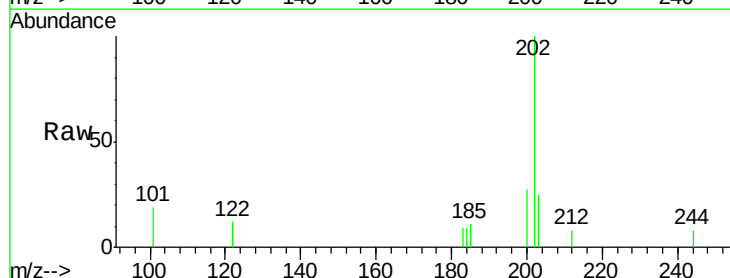
Tgt Ion:202 Resp: 855

Ion Ratio Lower Upper

202 100

200 27.3 16.2 24.4#

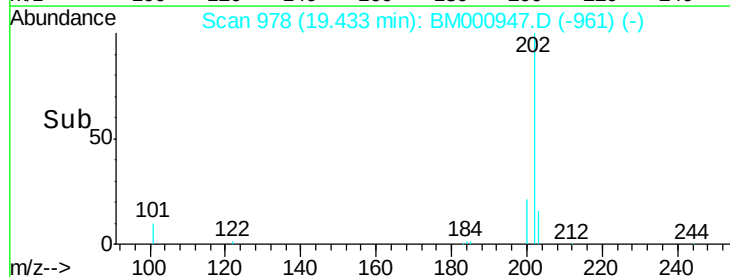
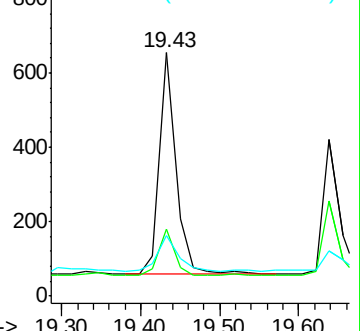
203 24.7 13.5 20.3#

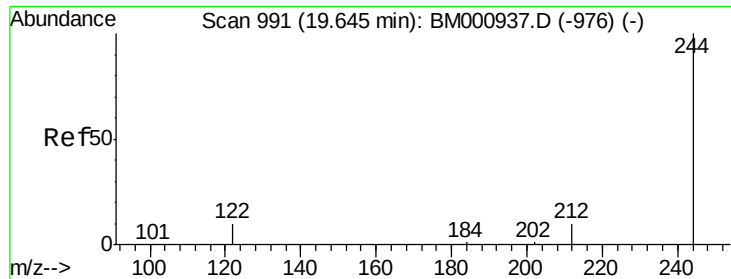


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

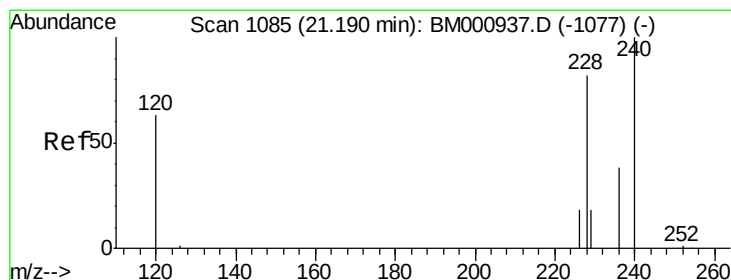
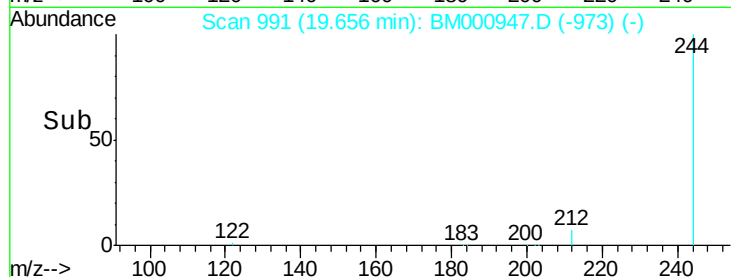
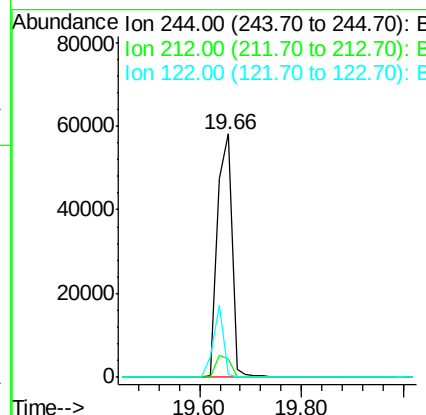
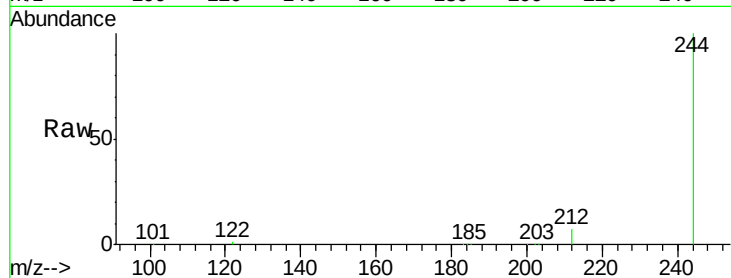




#33
 Terphenyl-d14
 Concen: 10.61 ng
 RT: 19.66 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

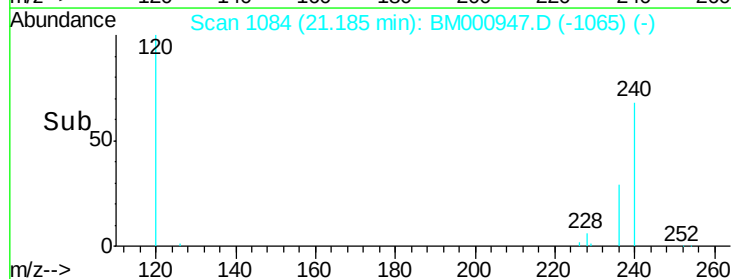
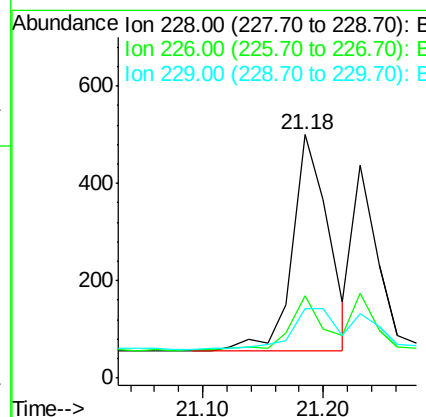
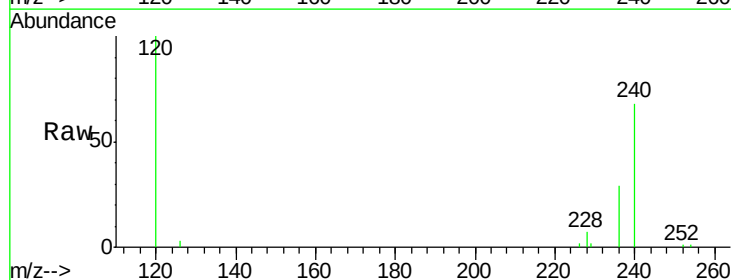
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

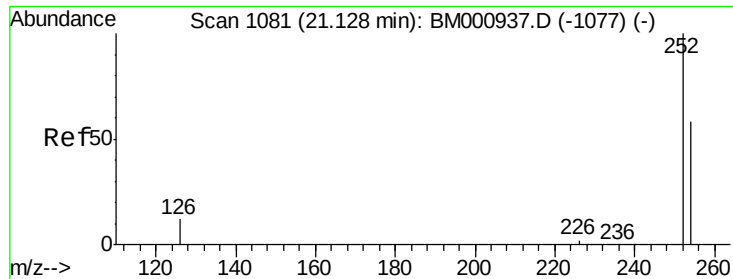
Tgt Ion:244 Resp: 112547
 Ion Ratio Lower Upper
 244 100
 212 7.3 9.4 14.0#
 122 1.4 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion:228 Resp: 933
 Ion Ratio Lower Upper
 228 100
 226 33.6 18.9 28.3#
 229 28.4 16.8 25.2#

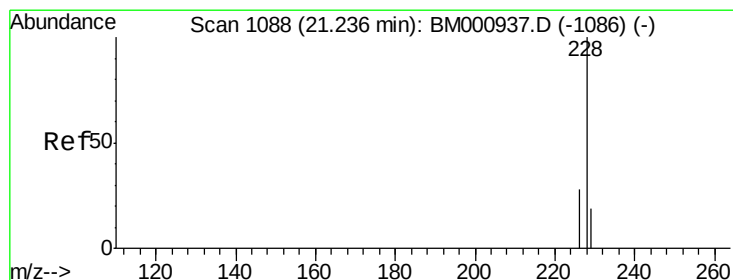
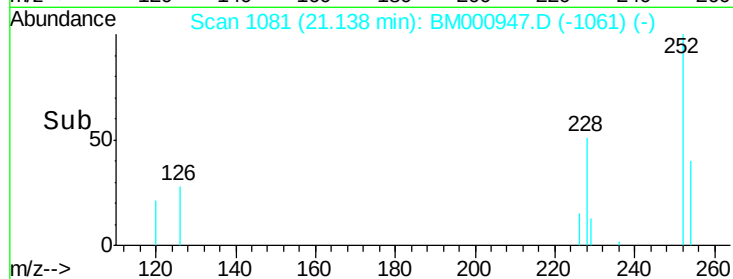
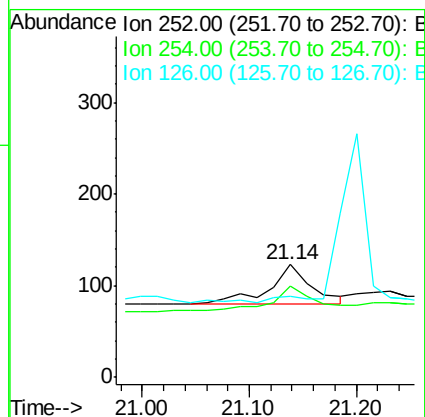
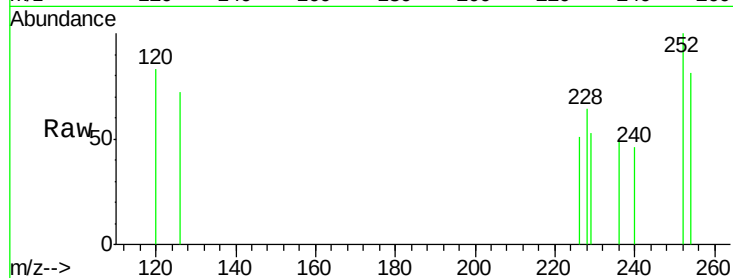




#35
 3,3'-Dichlorobenzidine
 Concen: 0.31 ng
 RT: 21.14 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

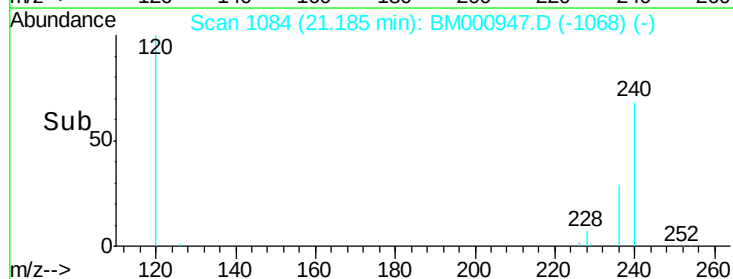
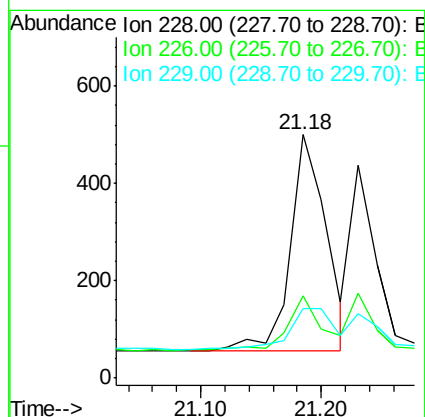
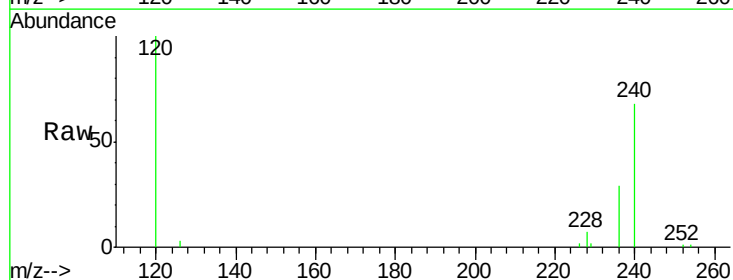
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

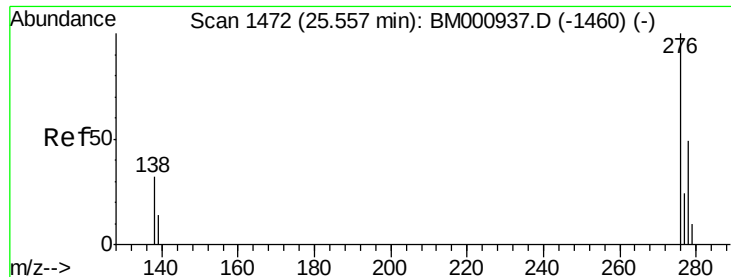
Tgt Ion: 252 Resp: 118
 Ion Ratio Lower Upper
 252 100
 254 81.3 43.4 65.2#
 126 72.4 12.3 18.5#



#36
 Chrysene
 Concen: 0.04 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion: 228 Resp: 933
 Ion Ratio Lower Upper
 228 100
 226 33.6 23.4 35.2
 229 28.4 15.0 22.6#





#37

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 25.57 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

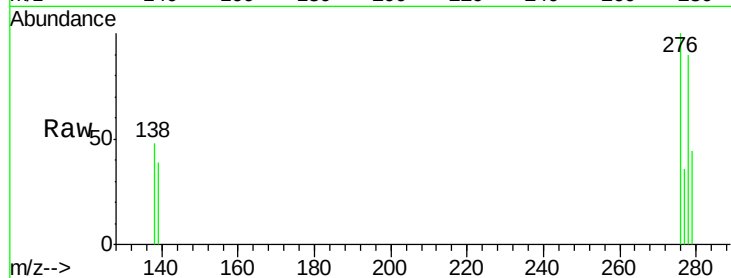
Tgt Ion:276 Resp: 1309

Ion Ratio Lower Upper

276 100

138 34.6 26.6 40.0

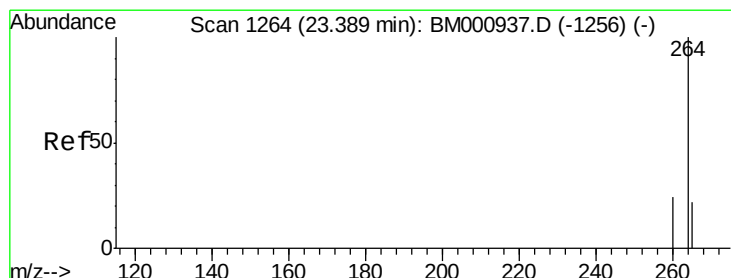
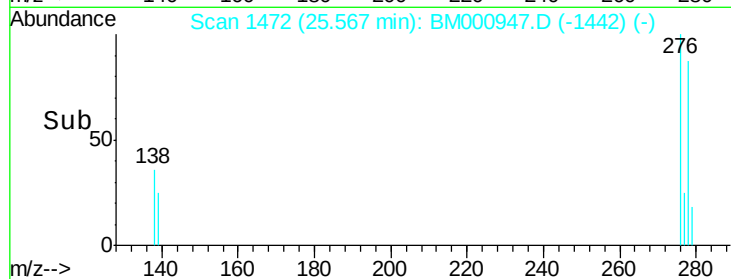
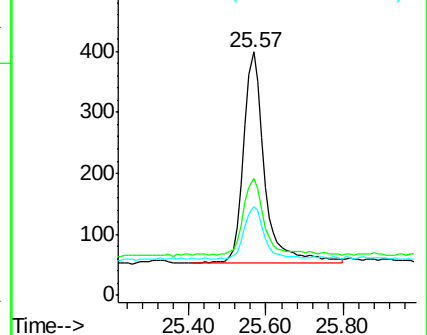
277 24.1 19.8 29.6



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# 1263

Delta R.T. -0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

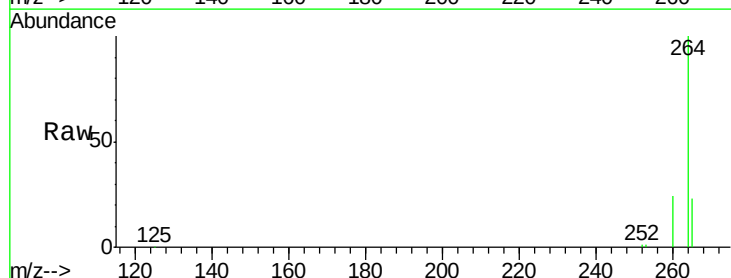
Tgt Ion:264 Resp: 80364

Ion Ratio Lower Upper

264 100

260 23.8 20.6 30.8

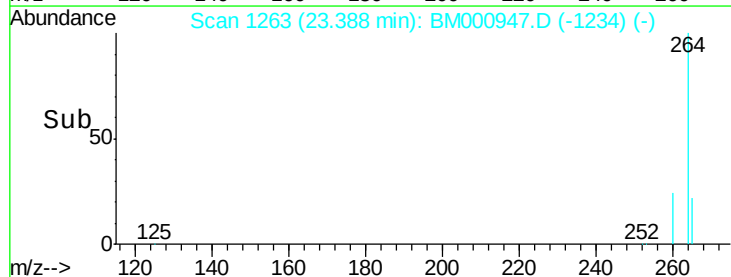
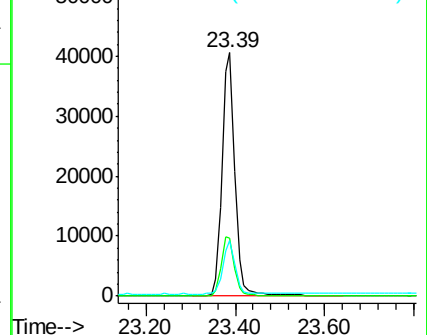
265 22.6 16.4 24.6

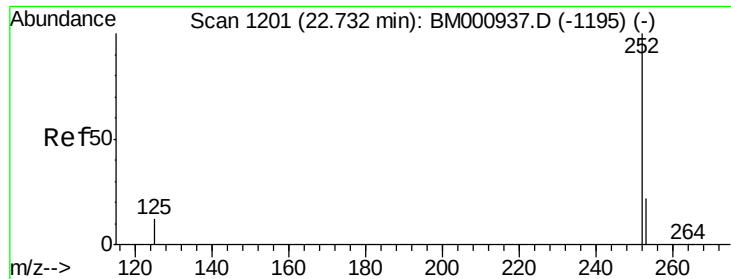


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#39

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.73 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

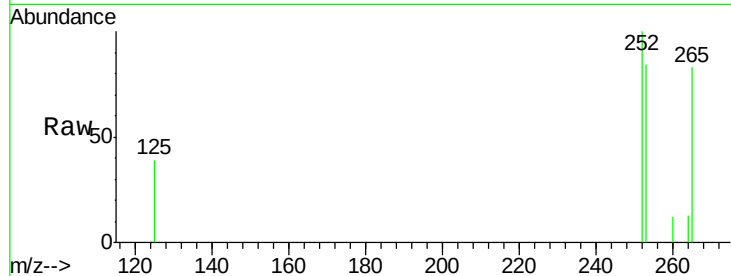
Tgt Ion:252 Resp: 700

Ion Ratio Lower Upper

252 100

253 83.7 16.9 25.3#

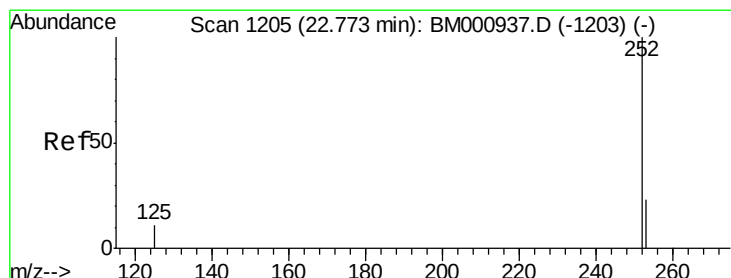
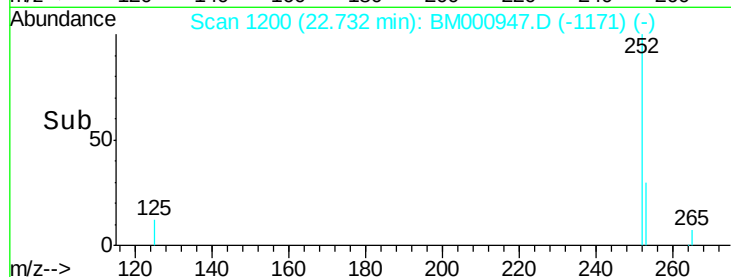
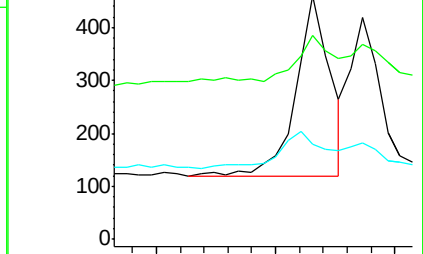
125 39.1 11.3 16.9#



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: 0.02 ng

RT: 22.77 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

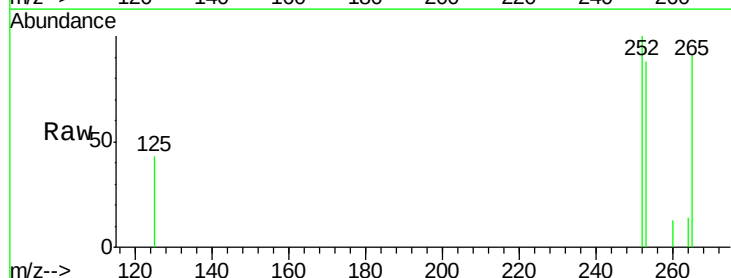
Tgt Ion:252 Resp: 577

Ion Ratio Lower Upper

252 100

253 87.9 16.9 25.3#

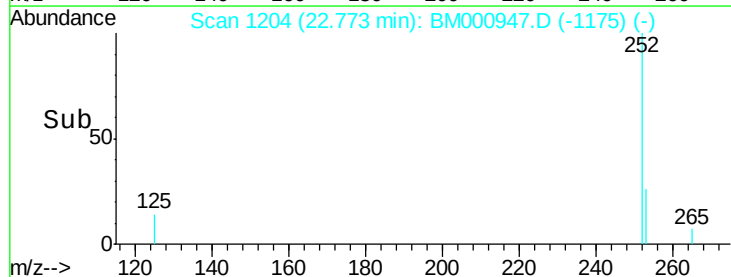
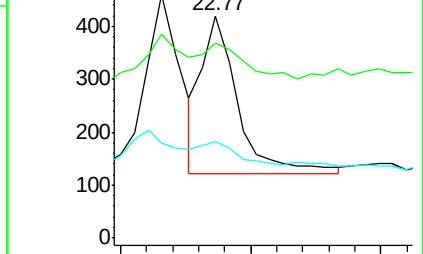
125 43.3 11.2 16.8#

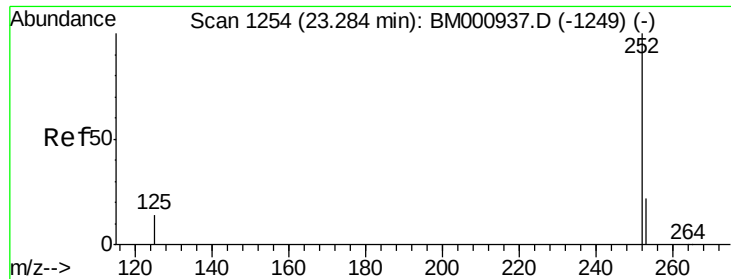


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.28 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

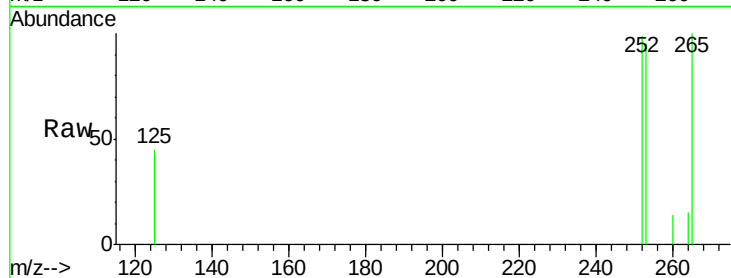
Tgt Ion: 252 Resp: 593

Ion Ratio Lower Upper

252 100

253 96.2 19.0 28.4#

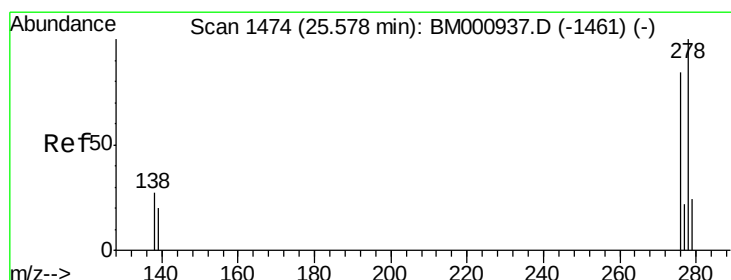
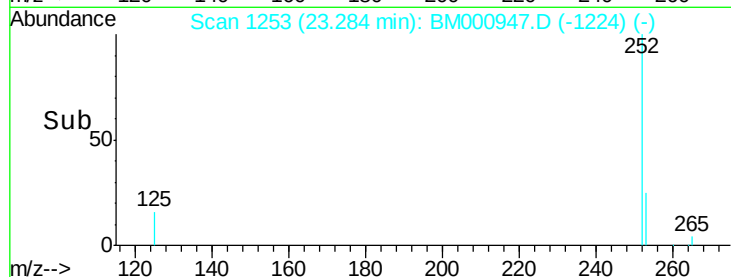
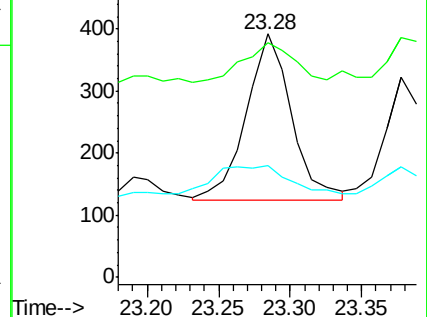
125 45.7 11.0 16.6#



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: 0.07 ng

RT: 25.58 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

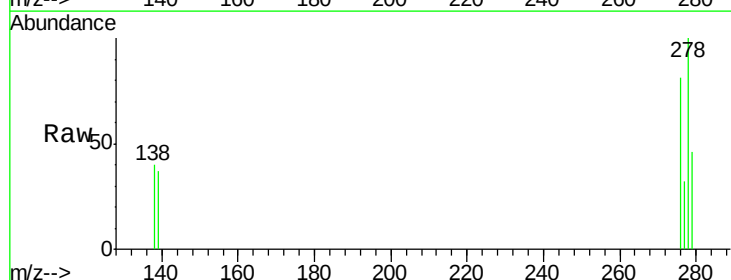
Tgt Ion: 278 Resp: 1389

Ion Ratio Lower Upper

278 100

139 37.3 17.8 26.8#

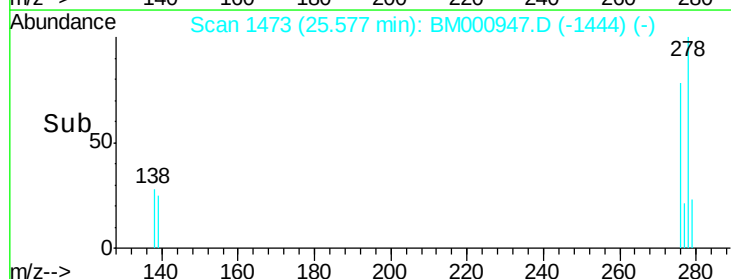
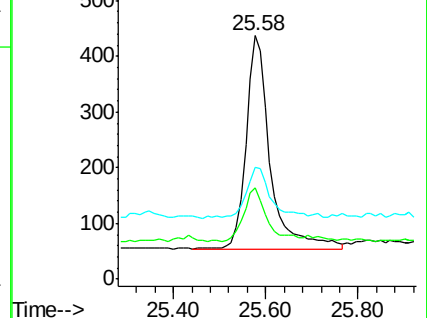
279 45.8 19.0 28.6#

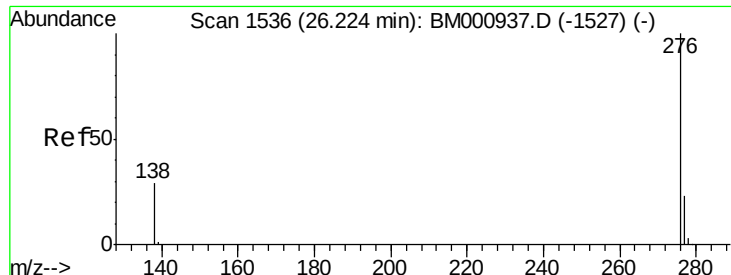


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.04 ng

RT: 26.23 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05

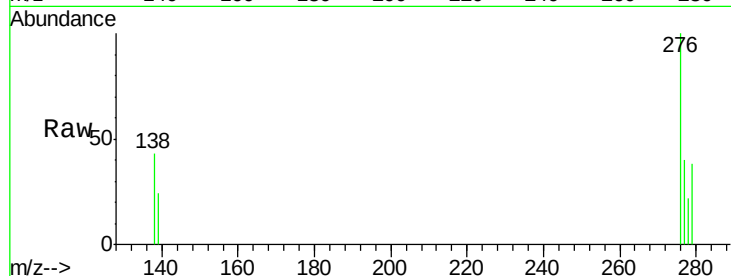
Tgt Ion: 276 Resp: 849

Ion Ratio Lower Upper

276 100

277 39.5 19.4 29.0#

138 42.7 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

