

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015967.D
 Acq On : 28 Jan 2015 4:19
 Operator : TP/IZ
 Sample : G1139-12MS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

Quant Time: Jan 28 06:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	97263	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	414872	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	334290	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	915048	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1320625	20.00	ng	0.00
86) Perylene-d12	23.53	264	1307657	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	322941	49.44	ng	0.00
7) Phenol-d6	6.87	99	362072	34.40	ng	0.00
23) Nitrobenzene-d5	8.84	82	803979	55.86	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	618654	101.09	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1596464	74.93	ng	0.00
78) Terphenyl-d14	19.71	244	2820084	53.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	44929	13.36	ng	95
3) Pyridine	3.58	79	133069	11.73	ng	# 91
4) n-Nitrosodimethylamine	3.50	42	55871	12.75	ng	# 92
6) Aniline	7.02	93	212232	14.00	ng	# 85
8) 2-Chlorophenol	7.25	128	158797	25.34	ng	86
9) Benzaldehyde	6.83	77	64483	6.72	ng	# 80
10) Phenol	6.89	94	130284	10.86	ng	95
11) bis(2-Chloroethyl)ether	7.12	93	245426	26.48	ng	97
12) 1,3-Dichlorobenzene	7.58	146	219505	29.60	ng	93
13) 1,4-Dichlorobenzene	7.72	146	228791	29.88	ng	95
14) 1,2-Dichlorobenzene	8.03	146	411371	54.82	ng	91
15) Benzyl Alcohol	7.93	79	230647	20.03	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.22	45	181288	24.20	ng	95
17) 2-Methylphenol	8.14	107	161663	21.75	ng	# 79
18) Hexachloroethane	8.76	117	121167	30.78	ng	86
19) n-Nitroso-di-n-propylamine	8.49	70	258764	24.64	ng	# 91
20) 3+4-Methylphenols	8.46	107	195982	20.12	ng	85
22) Acetophenone	8.50	105	423829	30.48	ng	97
24) Nitrobenzene	8.89	77	402400	26.58	ng	93
25) Isophorone	9.40	82	708397	27.84	ng	# 95
26) 2-Nitrophenol	9.58	139	100209	26.73	ng	# 74
27) 2,4-Dimethylphenol	9.66	122	187526	26.14	ng	84
28) bis(2-Chloroethoxy)methane	9.88	93	354730	28.79	ng	97
29) 2,4-Dichlorophenol	10.13	162	228685	30.53	ng	97
30) 1,2,4-Trichlorobenzene	10.34	180	597551	65.78	ng	# 97
31) Naphthalene	10.52	128	1118554	52.68	ng	98
32) Benzoic acid	9.81	122	7316	14.25	ng	87
33) 4-Chloroaniline	10.63	127	83793	8.47	ng	# 92
34) Hexachlorobutadiene	10.81	225	279844	31.50	ng	# 88
35) Caprolactam	11.42	113	20367	5.53	ng	# 88
36) 4-Chloro-3-methylphenol	11.78	107	297558	27.01	ng	98
37) 2-Methylnaphthalene	12.14	142	746506	44.27	ng	89
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	455977	35.77	ng	98
40) Hexachlorocyclopentadiene	12.49	237	548933	57.15	ng	92

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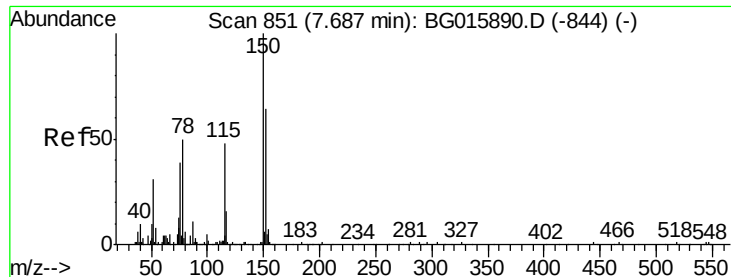
Instrument :
 BNA_G
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Quant Time: Jan 28 06:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.76	196	252161	33.77	ng	91
43) 2,4,5-Trichlorophenol	12.83	196	277034	32.82	ng	# 94
45) 1,1'-Biphenyl	13.16	154	789320	37.41	ng	94
46) 2-Chloronaphthalene	13.20	162	626802	35.18	ng	91
47) 2-Nitroaniline	13.42	65	283123	31.15	ng	92
48) Acenaphthylene	14.05	152	982829	36.33	ng	98
49) Dimethylphthalate	13.80	163	867190	36.05	ng	98
50) 2,6-Dinitrotoluene	13.92	165	201610	37.12	ng	# 85
51) Acenaphthene	14.40	154	633610	37.28	ng	95
52) 3-Nitroaniline	14.25	138	116743	22.85	ng	84
53) 2,4-Dinitrophenol	14.46	184	145312	44.51	ng	# 84
54) Dibenzofuran	14.73	168	1040781	37.11	ng	96
55) 4-Nitrophenol	14.57	139	96847	27.55	ng	# 78
56) 2,4-Dinitrotoluene	14.71	165	297647	37.46	ng	# 76
57) Fluorene	15.38	166	997360	39.42	ng	93
58) 2,3,4,6-Tetrachlorophenol	14.97	232	307998	32.95	ng	# 95
59) Diethylphthalate	15.16	149	901322	36.70	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	610743	36.30	ng	99
61) 4-Nitroaniline	15.41	138	187496	34.60	ng	# 69
62) Azobenzene	15.67	77	1246570	31.35	ng	92
64) 4,6-Dinitro-2-methylphenol	15.47	198	170363	25.80	ng	93
65) n-Nitrosodiphenylamine	15.60	169	833501	31.93	ng	90
66) 4-Bromophenyl-phenylether	16.27	248	460032	34.43	ng	97
67) Hexachlorobenzene	16.39	284	503885	34.88	ng	94
68) Atrazine	16.55	200	415487	33.06	ng	98
69) Pentachlorophenol	16.74	266	386662	54.82	ng	98
70) Phenanthrene	17.12	178	1605620	34.98	ng	99
71) Anthracene	17.21	178	1489779	33.07	ng	97
72) Carbazole	17.49	167	1350560	34.01	ng	98
73) Di-n-butylphthalate	18.05	149	1513143	33.11	ng	99
74) Fluoranthene	19.14	202	1934740	31.56	ng	97
76) Benzidine	19.33	184	400879	13.79	ng	98
77) Pyrene	19.51	202	2014570	32.10	ng	99
79) Butylbenzylphthalate	20.41	149	723916	31.46	ng	95
80) Benzo(a)anthracene	21.25	228	2301702	31.88	ng	98
81) 3,3'-Dichlorobenzidine	21.19	252	558349	18.92	ng	97
82) Chrysene	21.31	228	2160635	31.49	ng	98
83) Bis(2-ethylhexyl)phthalate	21.18	149	1124939	36.36	ng	99
84) Di-n-octyl phthalate	22.06	149	1628715	34.03	ng	96
85) Indeno(1,2,3-cd)pyrene	25.83	276	2783862	35.95	ng	# 97
87) Benzo(b)fluoranthene	22.85	252	2453208	32.87	ng	100
88) Benzo(k)fluoranthene	22.89	252	2337473	32.35	ng	95
89) Benzo(a)pyrene	23.43	252	2323154	32.35	ng	# 98
90) Dibenzo(a,h)anthracene	25.84	278	2390285	35.06	ng	98
91) Benzo(g,h,i)perylene	26.54	276	2312595	34.77	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.01 min

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BNA_G

ClientSampleId :

121B4MS

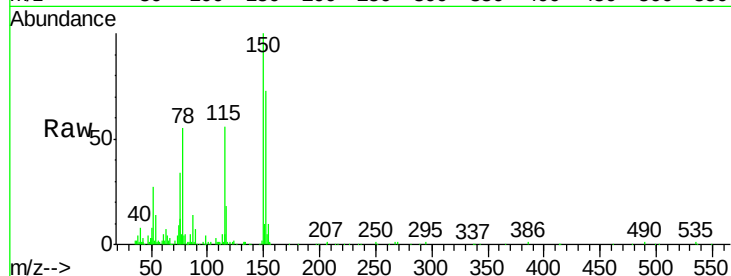
Tgt Ion:152 Resp: 97263

Ion Ratio Lower Upper

152 100

150 137.7 124.5 186.7

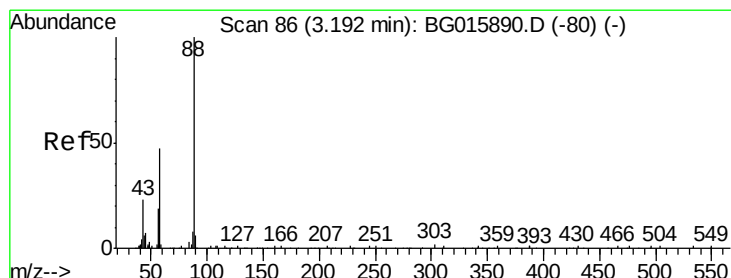
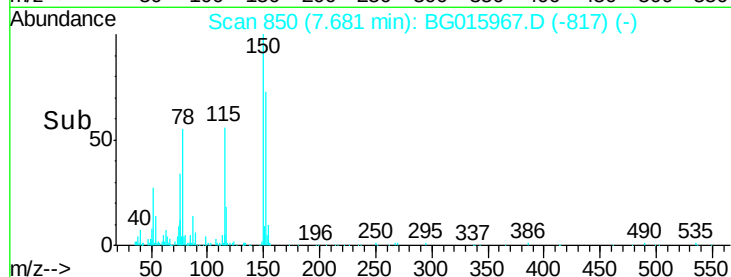
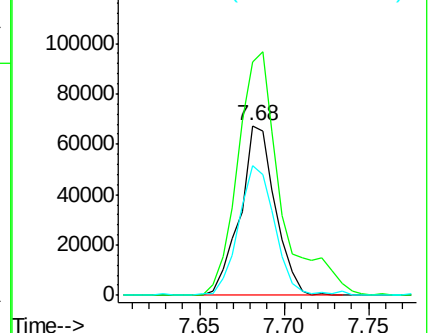
115 76.6 60.4 90.6



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: 13.36 ng

RT: 3.20 min Scan# 87

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

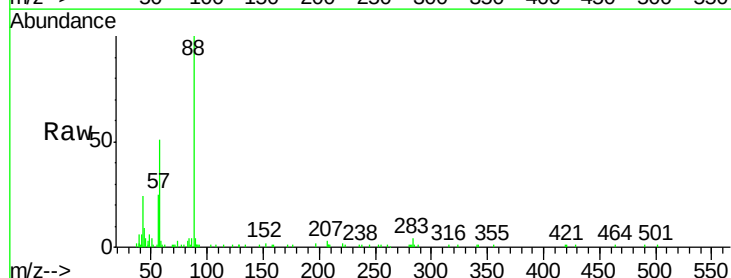
Tgt Ion: 88 Resp: 44929

Ion Ratio Lower Upper

88 100

58 54.6 40.4 60.6

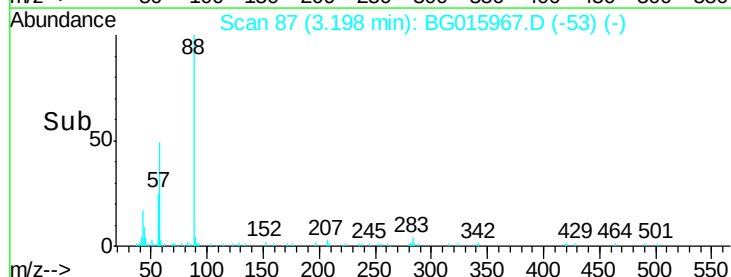
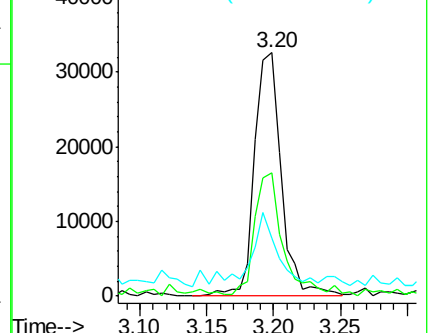
43 25.4 19.2 28.8

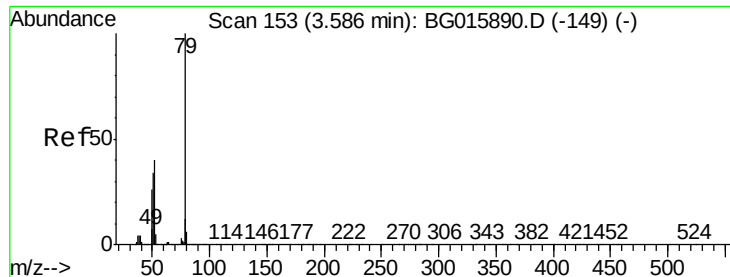


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 11.73 ng

RT: 3.58 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

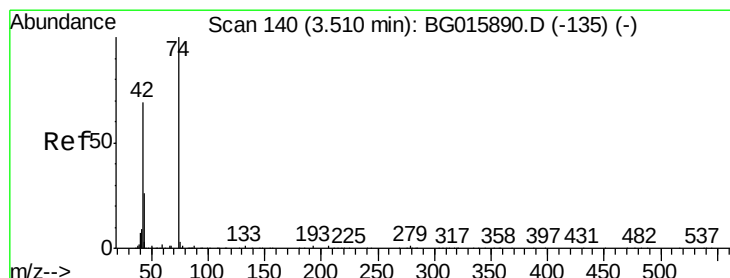
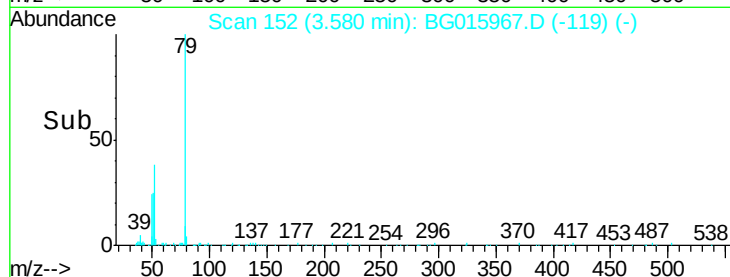
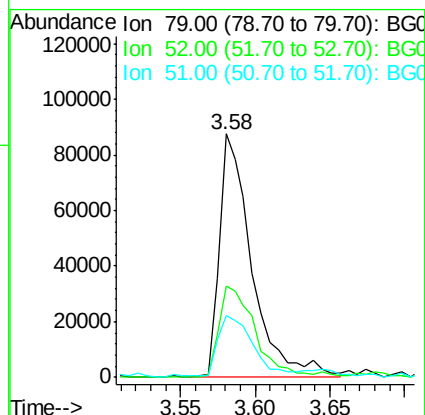
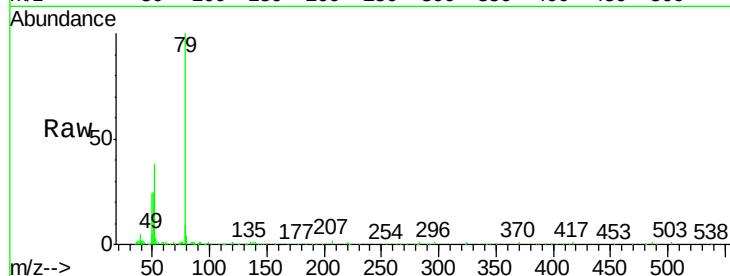
Tgt Ion: 79 Resp: 133069

Ion Ratio Lower Upper

79 100

52 37.6 31.8 47.6

51 25.2 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 12.75 ng

RT: 3.50 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

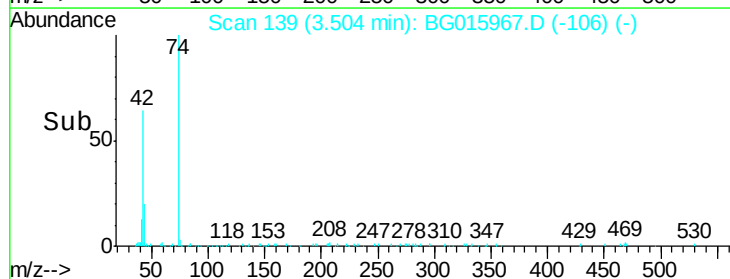
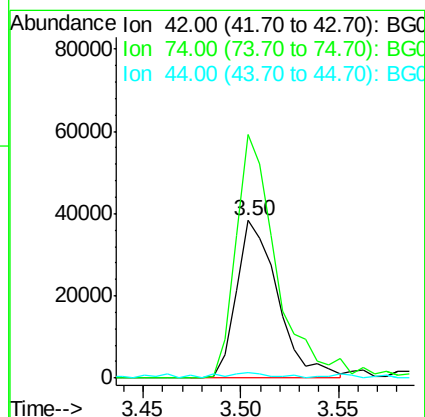
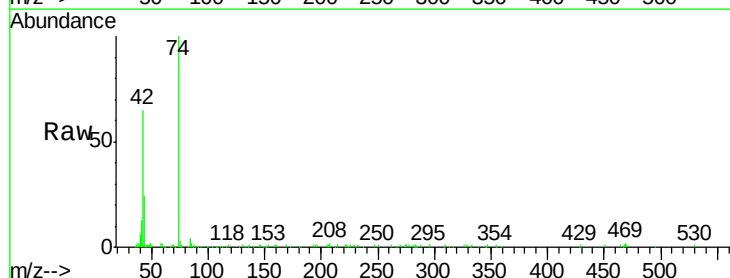
Tgt Ion: 42 Resp: 55871

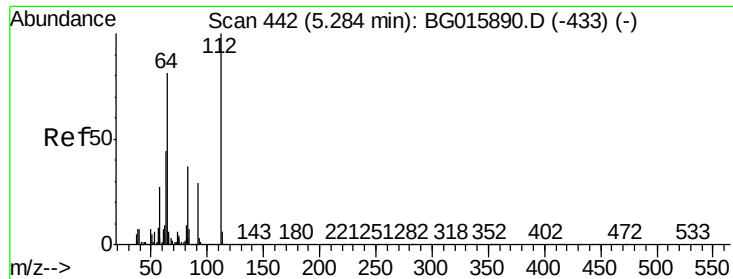
Ion Ratio Lower Upper

42 100

74 154.6 116.0 174.0

44 3.6 3.8 5.8#





#5

2-Fluorophenol

Concen: 49.44 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

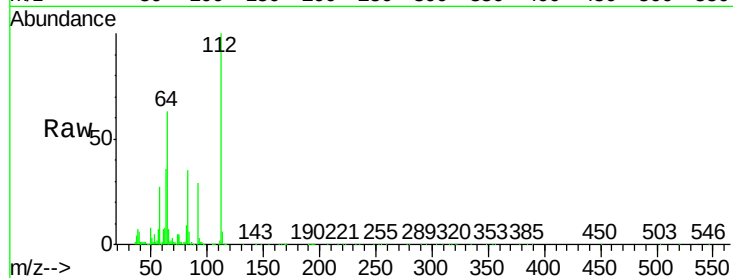
Tgt Ion: 112 Resp: 322941

Ion Ratio Lower Upper

112 100

64 63.2 64.4 96.6#

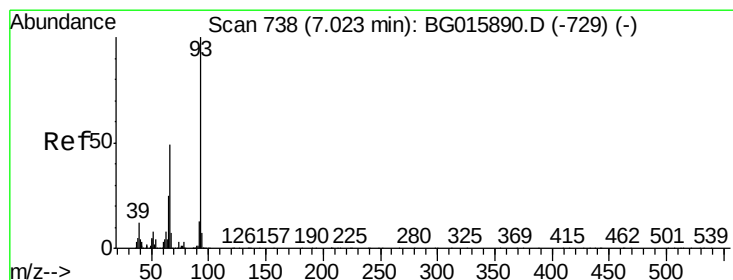
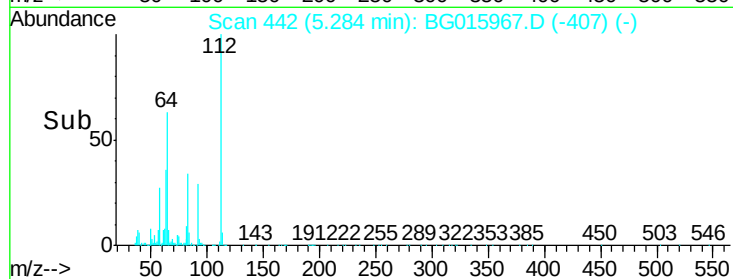
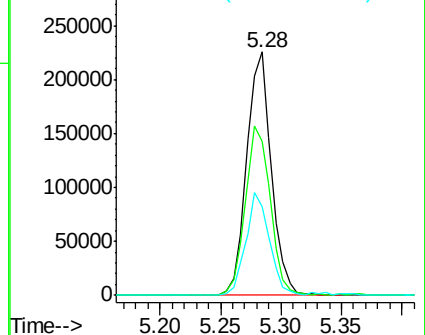
63 36.4 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.00 ng

RT: 7.02 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

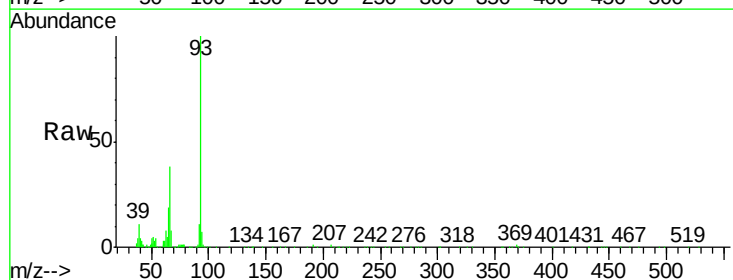
Tgt Ion: 93 Resp: 212232

Ion Ratio Lower Upper

93 100

66 37.7 39.0 58.6#

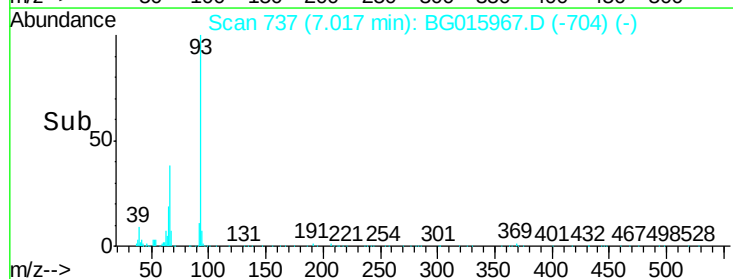
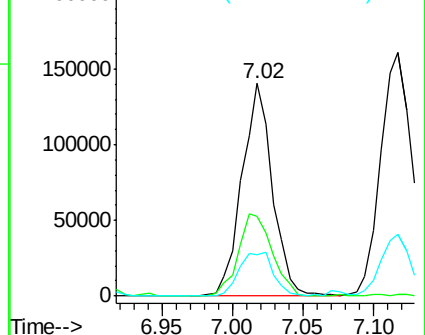
65 19.2 19.8 29.6#

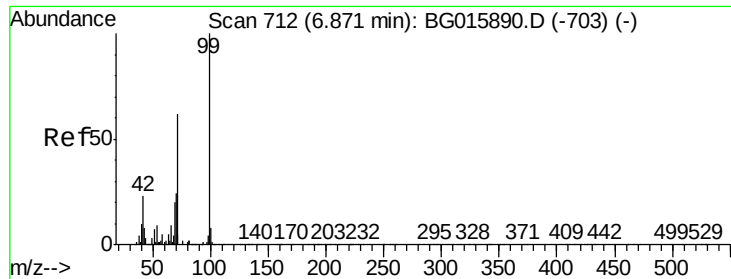


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 34.40 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

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ClientSampleId :

121B4MS

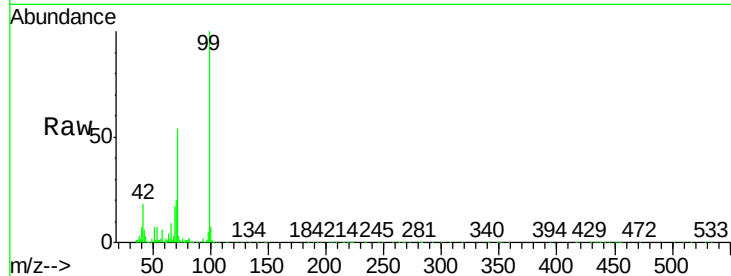
Tgt Ion: 99 Resp: 362072

Ion Ratio Lower Upper

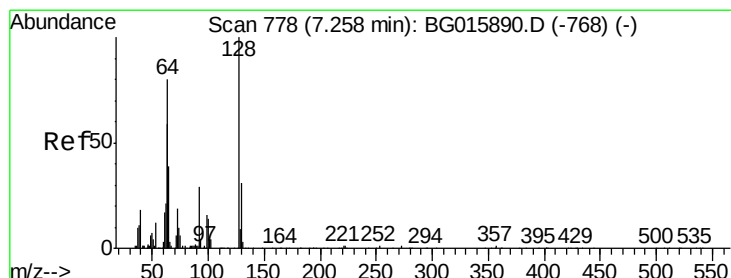
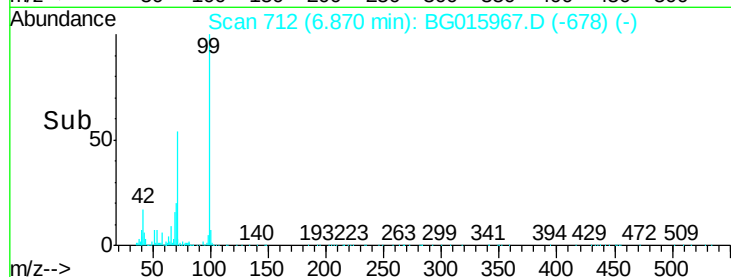
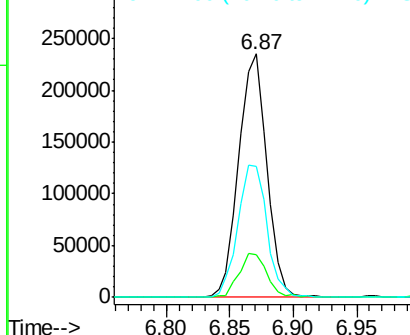
99 100

42 17.5 18.1 27.1#

71 54.0 49.8 74.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 25.34 ng

RT: 7.25 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

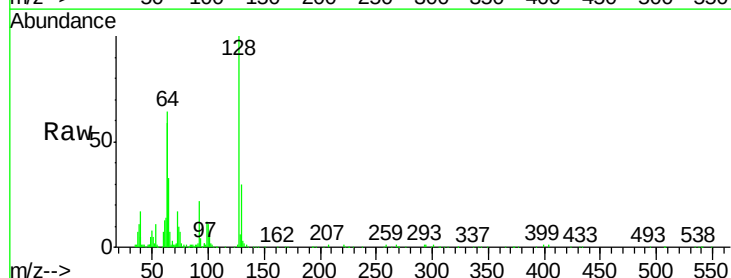
Tgt Ion: 128 Resp: 158797

Ion Ratio Lower Upper

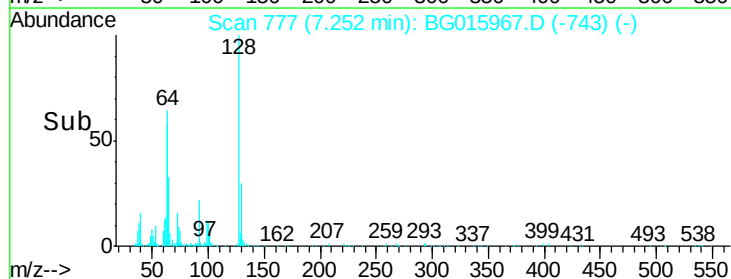
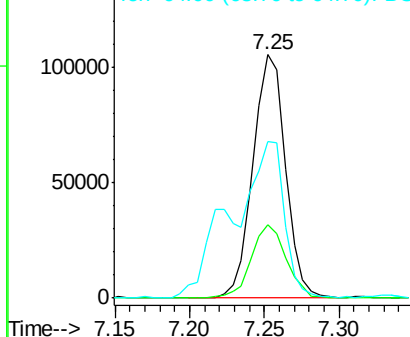
128 100

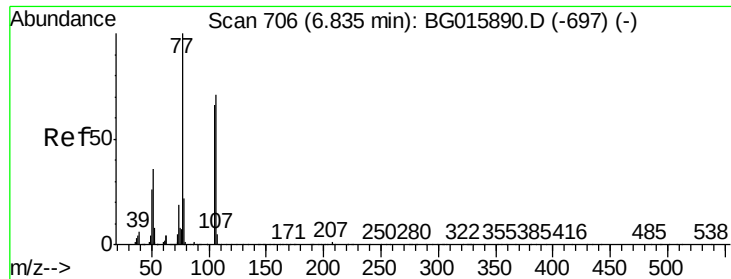
130 30.4 11.0 51.0

64 64.4 60.7 100.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.72 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampled :

121B4MS

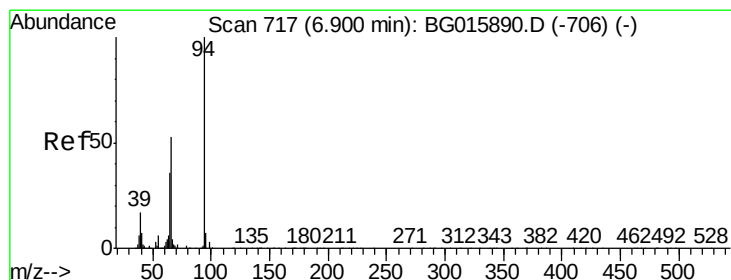
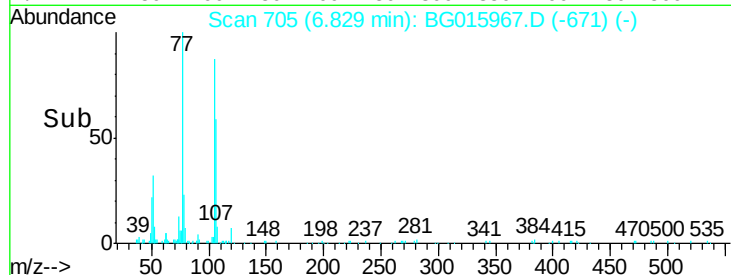
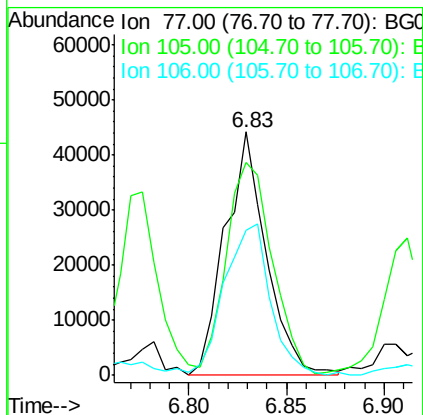
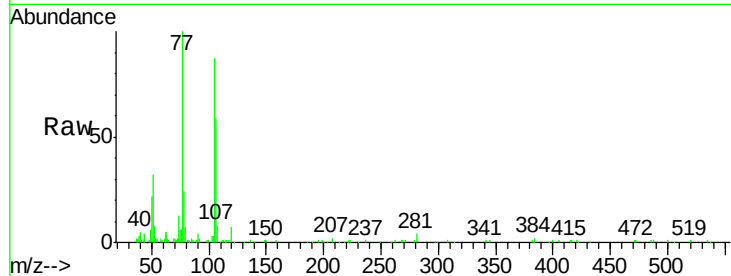
Tgt Ion: 77 Resp: 64483

Ion Ratio Lower Upper

77 100

105 87.5 46.0 86.0#

106 59.5 51.1 91.1



#10

Phenol

Concen: 10.86 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

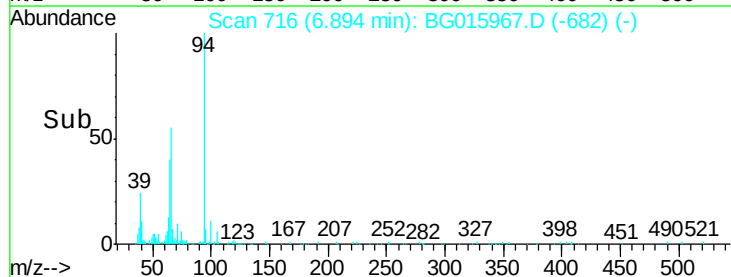
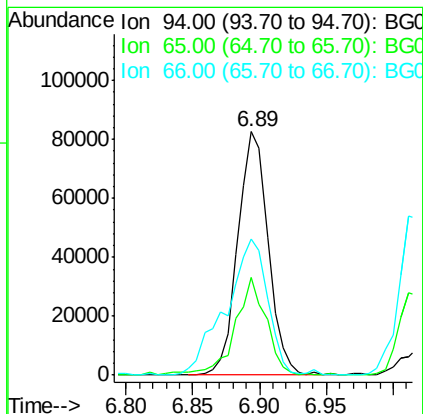
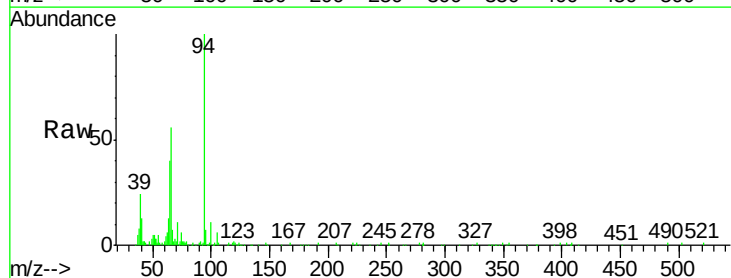
Tgt Ion: 94 Resp: 130284

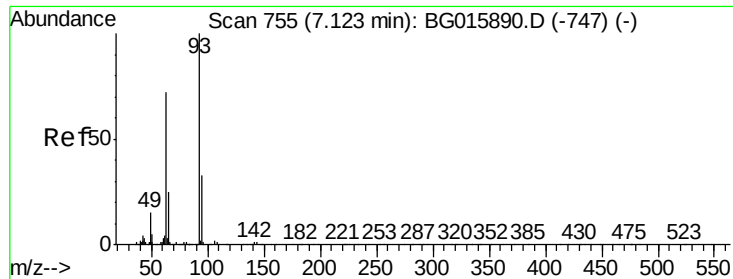
Ion Ratio Lower Upper

94 100

65 40.3 16.5 56.5

66 55.8 33.3 73.3

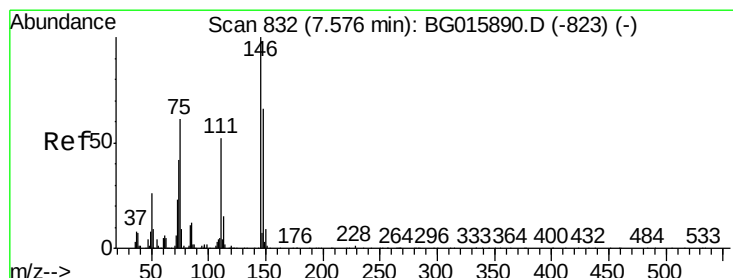
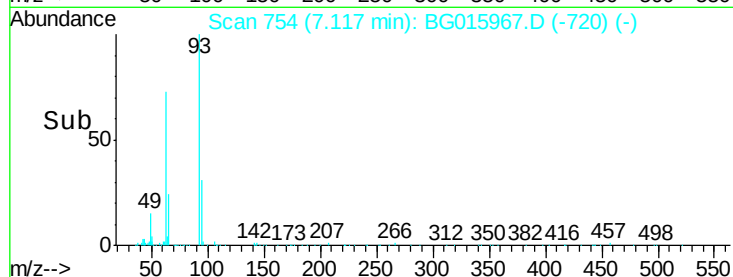
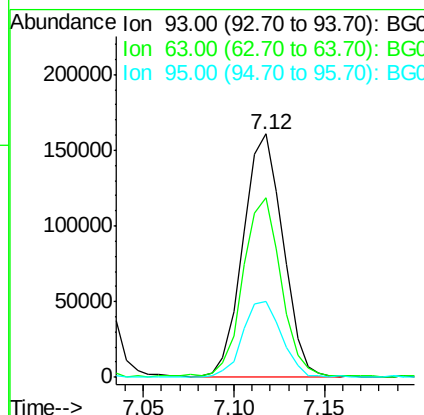
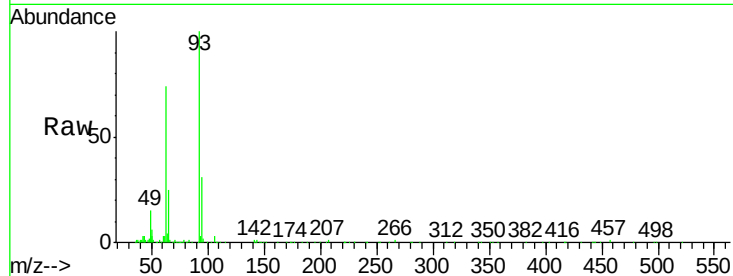




#11
bis(2-Chloroethyl)ether
Concen: 26.48 ng
RT: 7.12 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

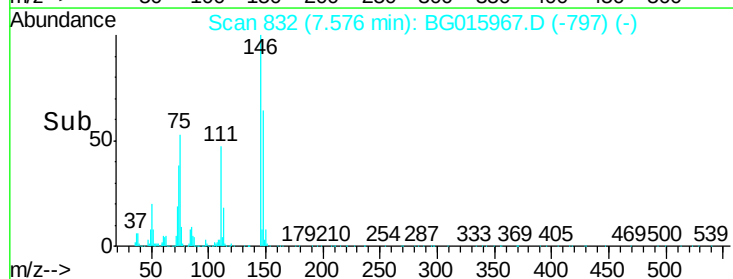
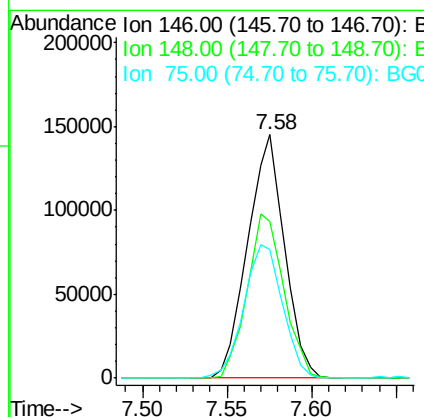
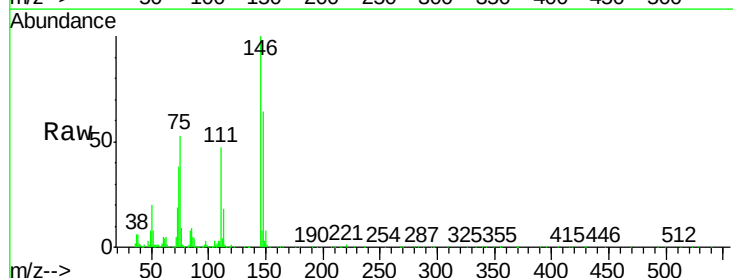
Instrument :
BNA_G
ClientSampleId :
121B4MS

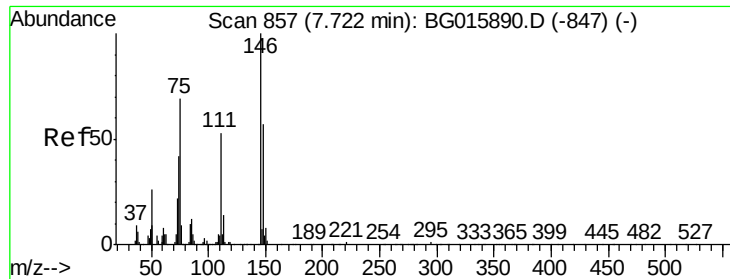
Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.8	51.7	91.7
95	31.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 29.60 ng
RT: 7.58 min Scan# 832
Delta R.T. 0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.0	79.4
75	52.6	48.6	72.8

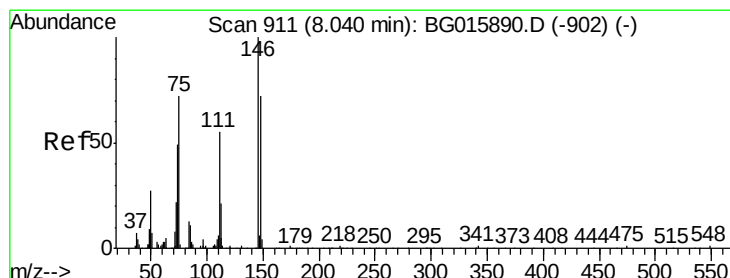
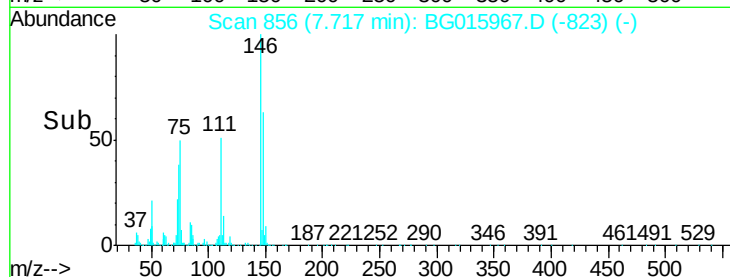
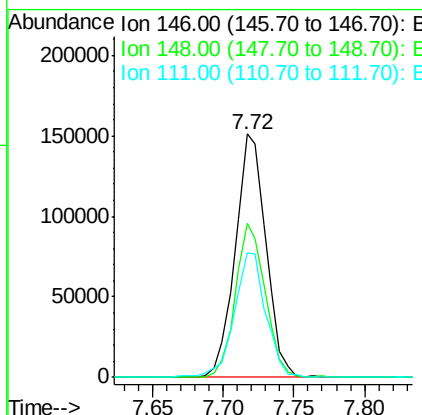
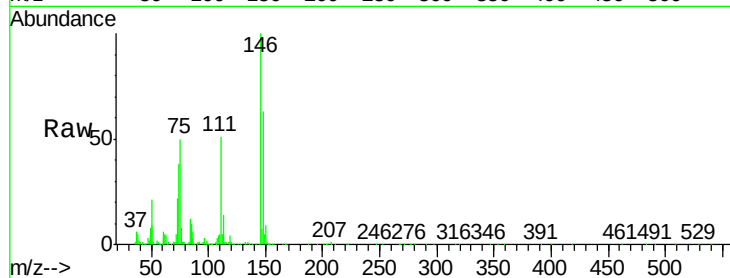




#13
1,4-Dichlorobenzene
Concen: 29.88 ng
RT: 7.72 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

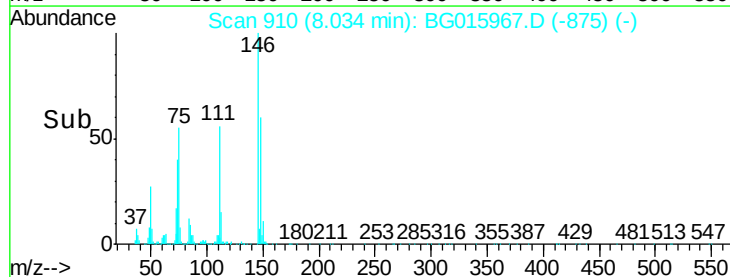
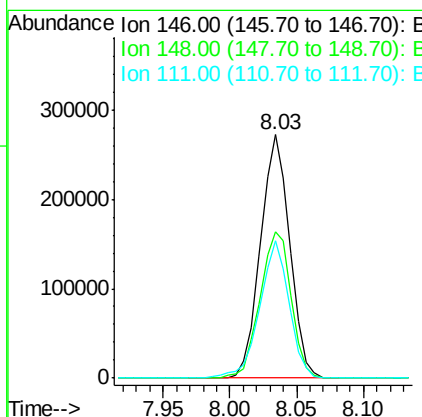
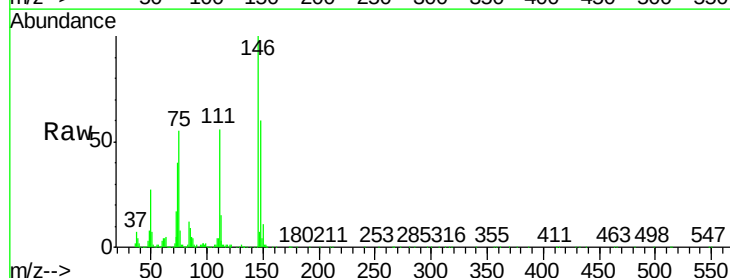
Instrument :
BNA_G
ClientSampleId :
121B4MS

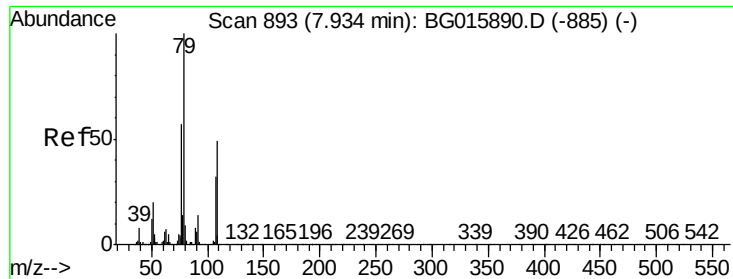
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	45.7	68.5
111	51.2	42.1	63.1



#14
1,2-Dichlorobenzene
Concen: 54.82 ng
RT: 8.03 min Scan# 910
Delta R.T. 0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.1	57.7	86.5
111	56.5	44.6	66.8





#15

Benzyl Alcohol

Concen: 20.03 ng

RT: 7.93 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

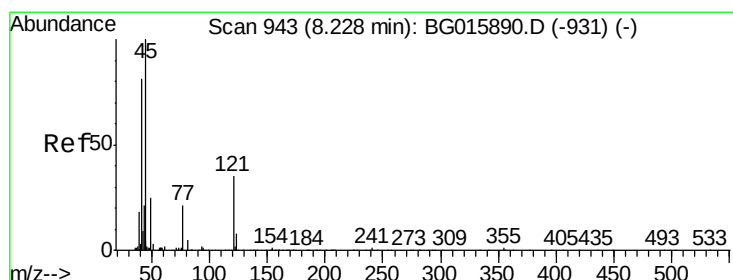
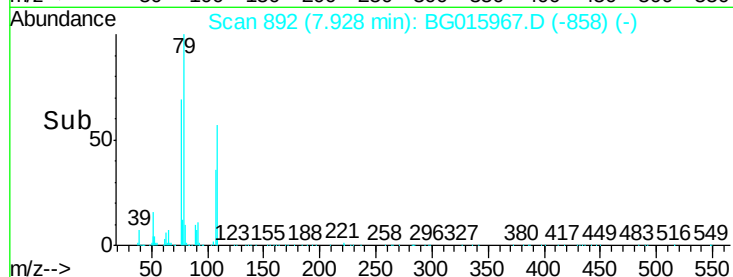
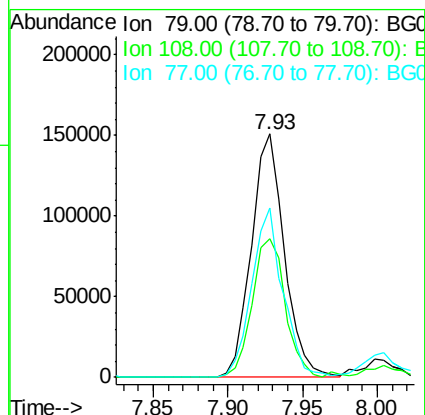
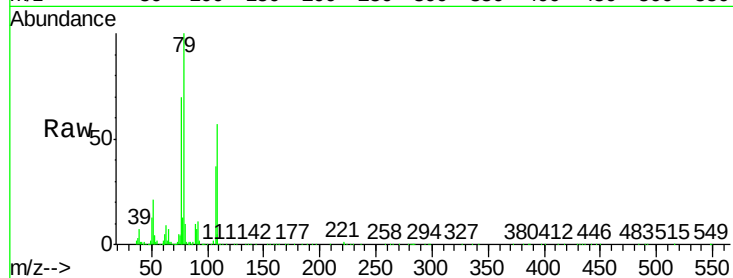
Tgt Ion: 79 Resp: 230647

Ion Ratio Lower Upper

79 100

108 57.2 38.9 58.3

77 69.6 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.20 ng

RT: 8.22 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

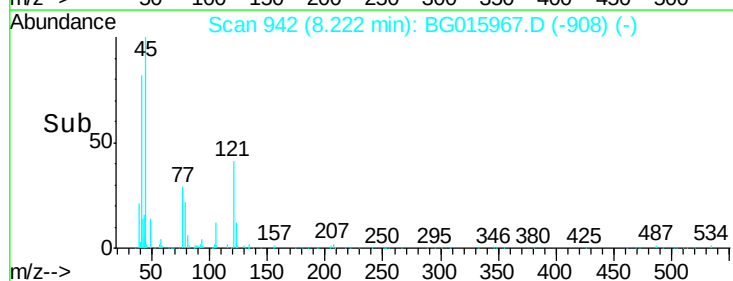
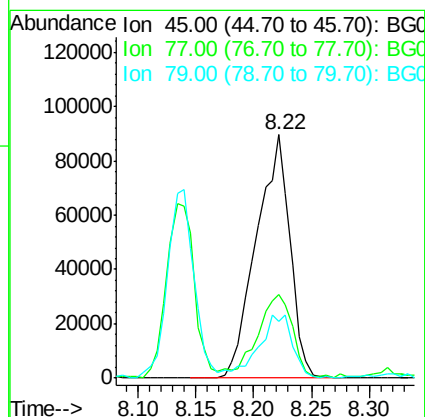
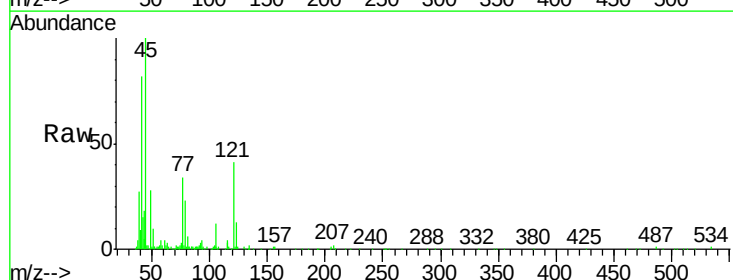
Tgt Ion: 45 Resp: 181288

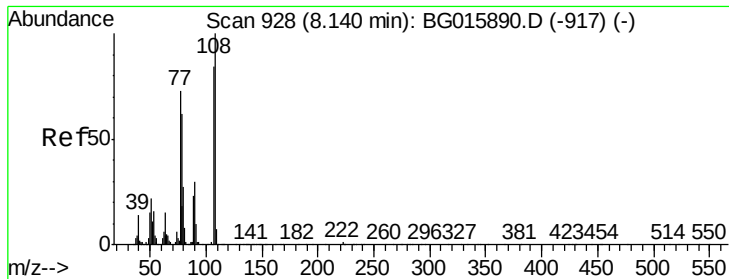
Ion Ratio Lower Upper

45 100

77 34.3 16.0 56.0

79 23.1 0.0 38.7

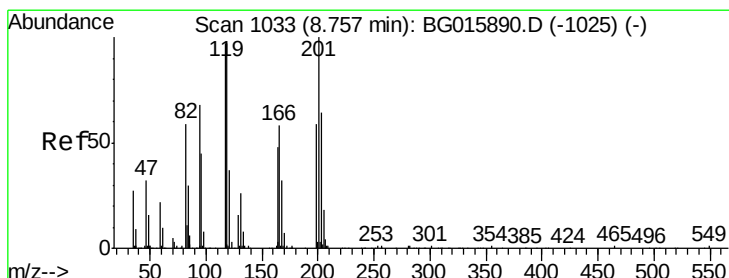
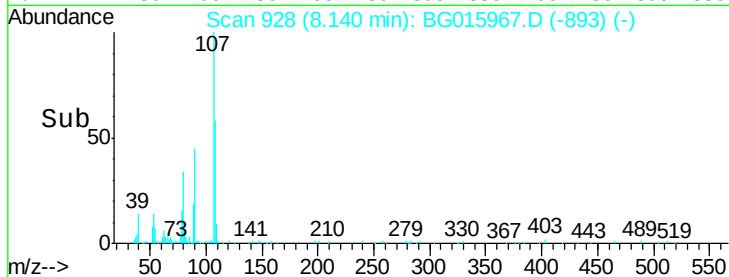
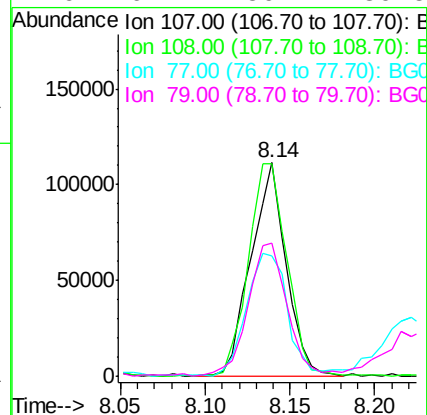
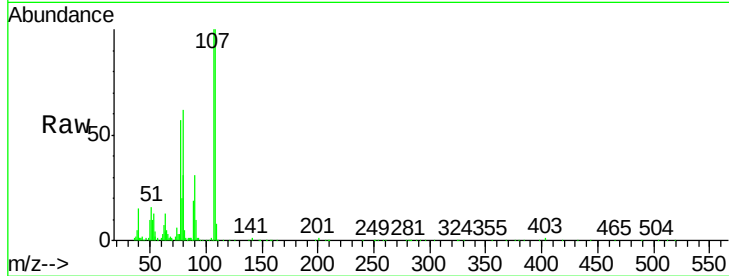




#17
2-Methylphenol
Concen: 21.75 ng
RT: 8.14 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

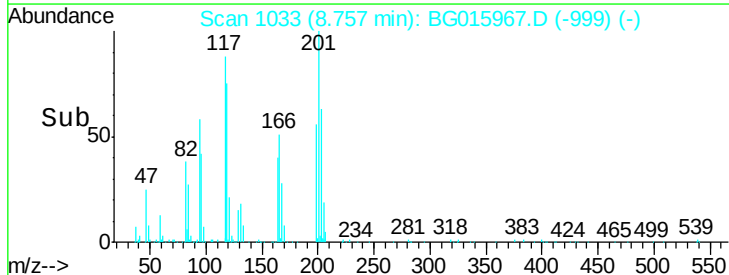
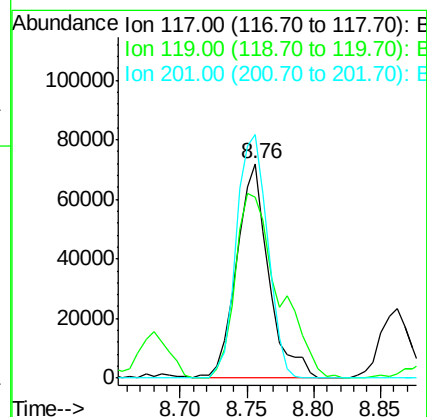
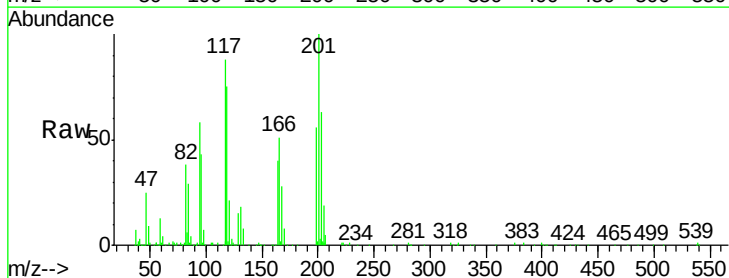
Instrument :
BNA_G
ClientSampleId :
121B4MS

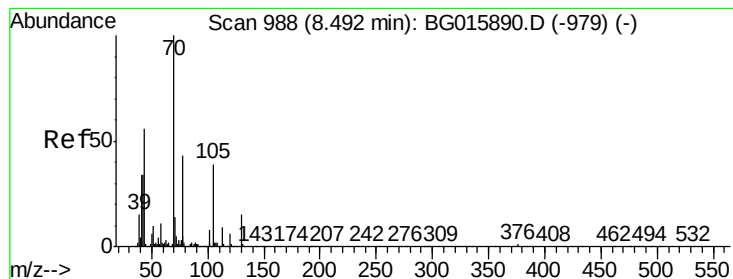
Tgt Ion:	107	Resp:	161663
Ion	Ratio	Lower	Upper
107	100		
108	99.7	95.1	142.7
77	56.6	69.2	103.8#
79	62.2	59.7	89.5



#18
Hexachloroethane
Concen: 30.78 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion:	117	Resp:	121167
Ion	Ratio	Lower	Upper
117	100		
119	84.7	80.2	120.2
201	116.5	82.6	124.0





#19

n-Nitroso-di-n-propylamine

Concen: 24.64 ng

RT: 8.49 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

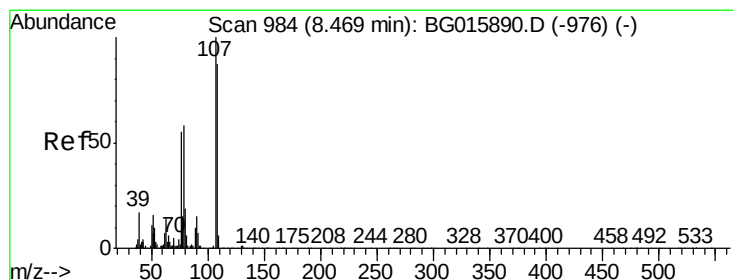
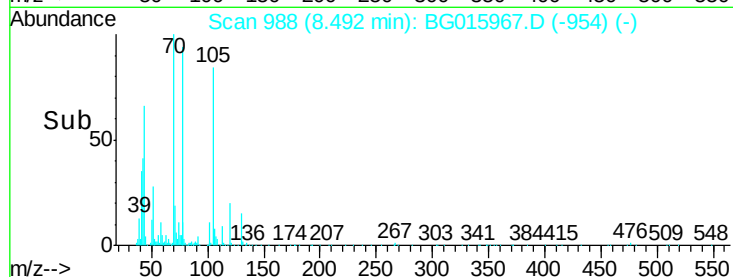
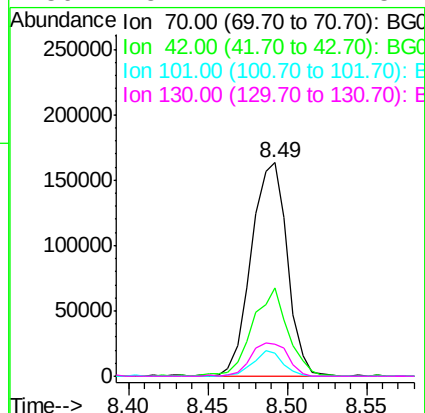
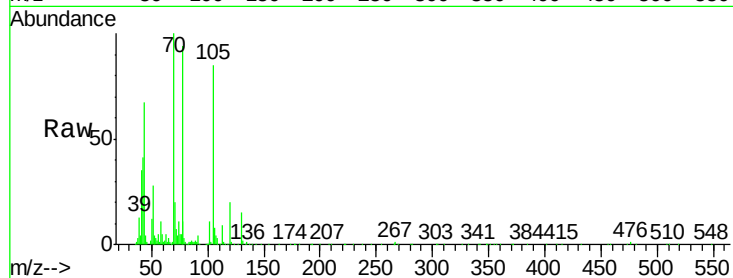
Instrument :

BNA_G

ClientSampleId :

121B4MS

Tgt Ion:	70	Resp:	258764
Ion Ratio	Lower	Upper	
70	100		
42	41.2	26.8	40.2#
101	10.7	6.3	9.5#
130	15.1	12.2	18.4



#20

3+4-Methylphenols

Concen: 20.12 ng

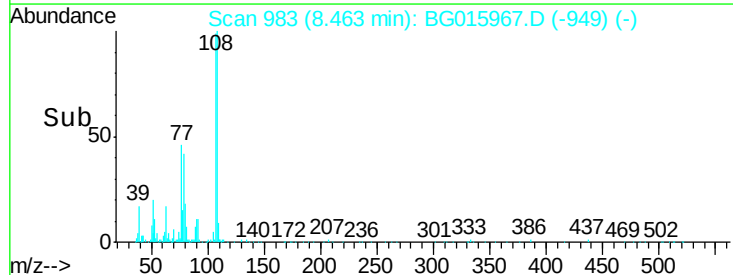
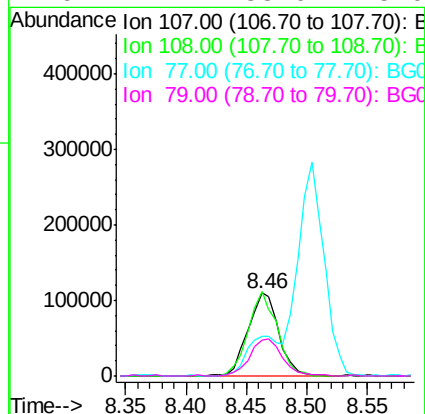
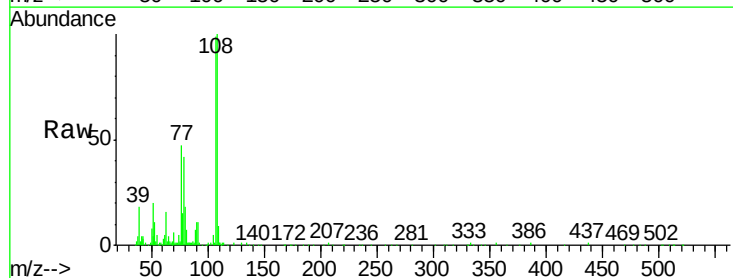
RT: 8.46 min Scan# 983

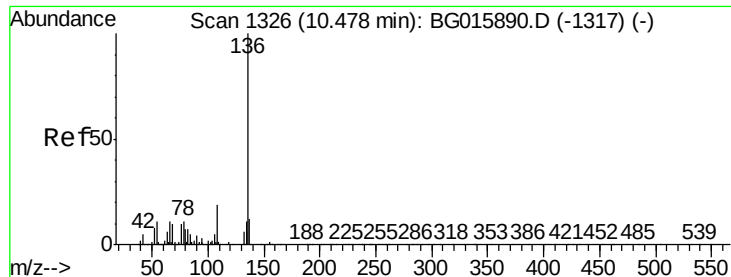
Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Tgt Ion:	107	Resp:	195982
Ion Ratio	Lower	Upper	
107	100		
108	101.5	66.9	106.9
77	48.2	34.8	74.8
79	42.7	38.0	78.0

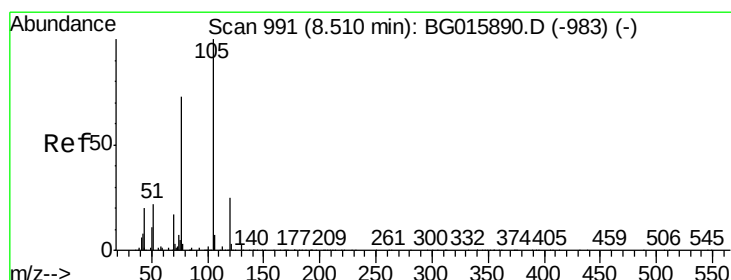
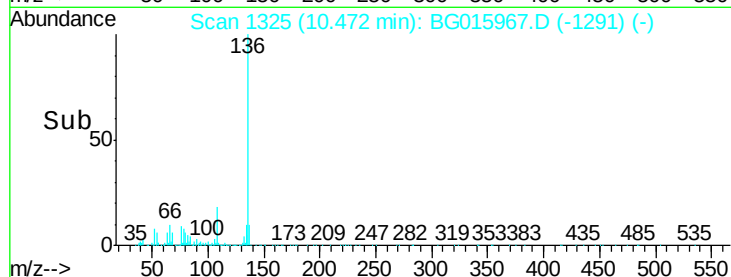
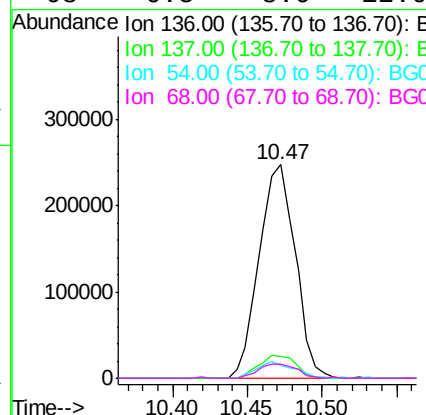
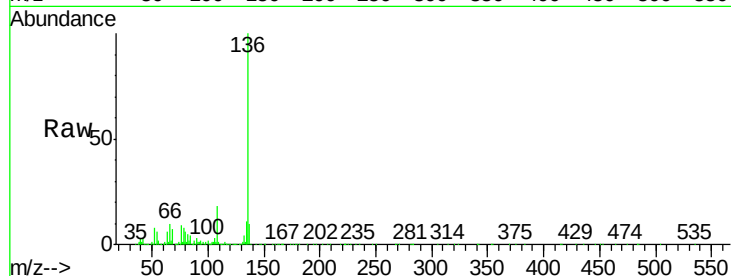




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

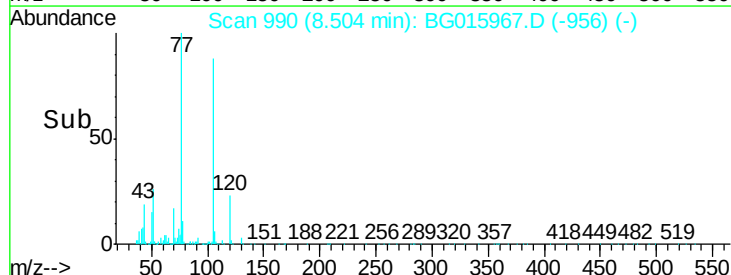
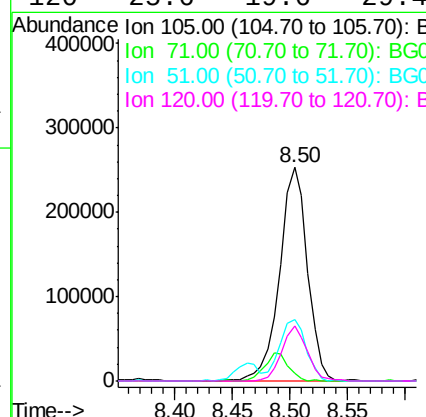
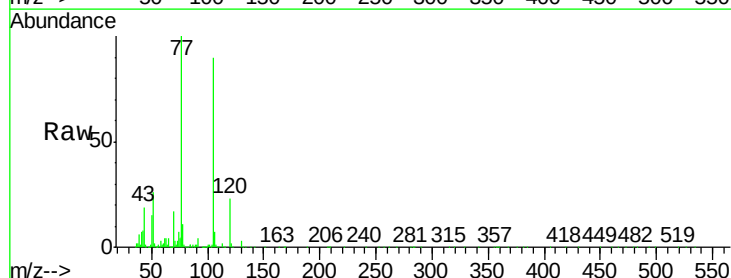
Instrument :
BNA_G
ClientSampleId :
121B4MS

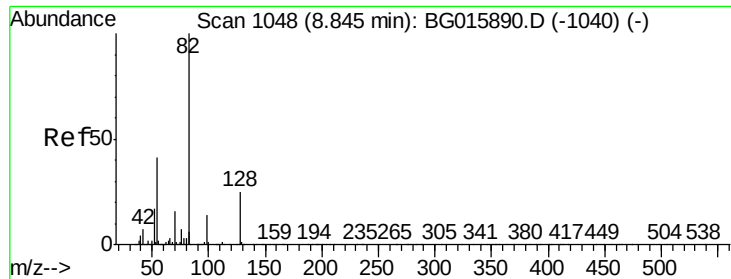
Tgt Ion:	136	Resp:	414872
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.7	14.5
54	5.8	8.5	12.7#
68	6.5	8.0	12.0#



#22
Acetophenone
Concen: 30.48 ng
RT: 8.50 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion:	105	Resp:	423829
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.4	3.6
51	28.8	24.6	36.8
120	25.6	19.6	29.4

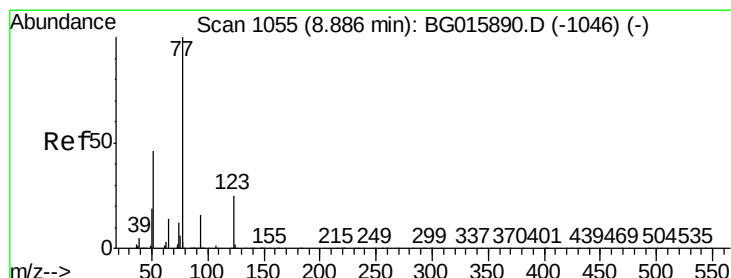
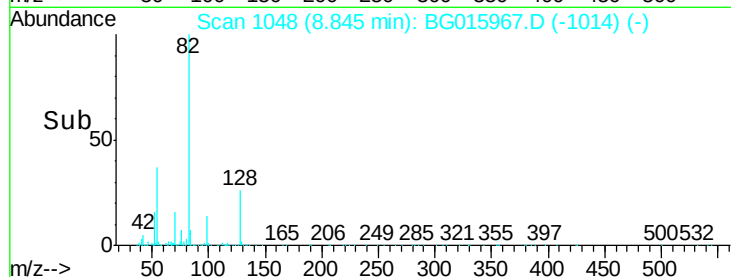
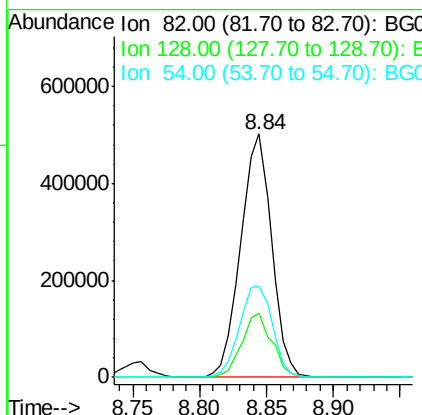
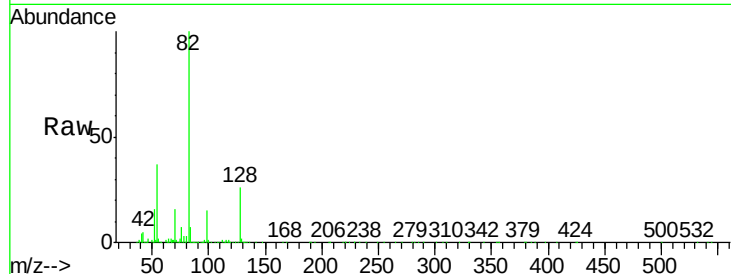




#23
 Nitrobenzene-d5
 Concen: 55.86 ng
 RT: 8.84 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

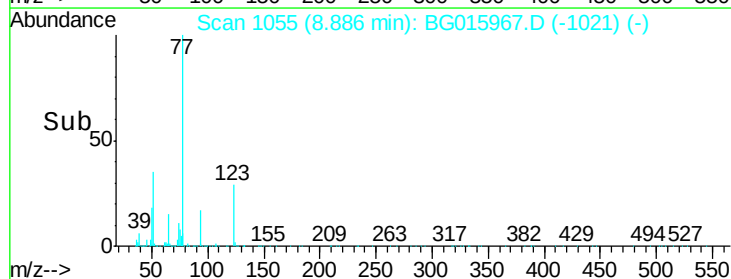
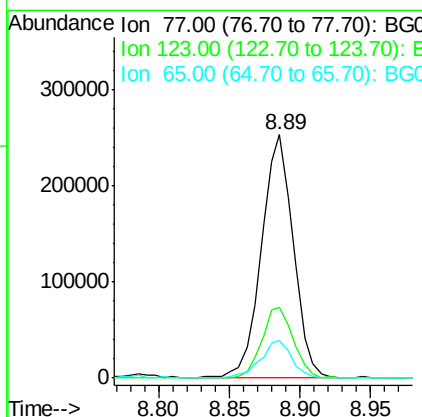
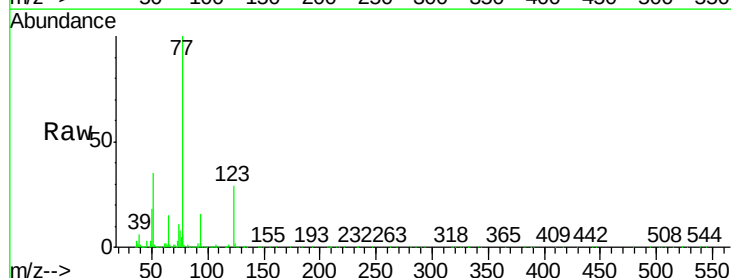
Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

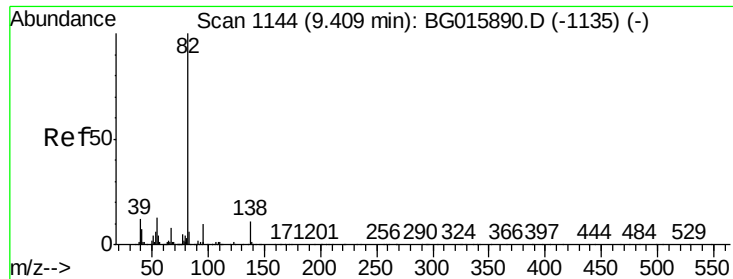
Tgt Ion	Ratio	Lower	Upper
82	100		
128	26.4	19.8	29.8
54	37.4	33.0	49.4



#24
 Nitrobenzene
 Concen: 26.58 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.1	20.0	30.0
65	15.4	11.0	16.4





#25

Isophorone

Concen: 27.84 ng

RT: 9.40 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

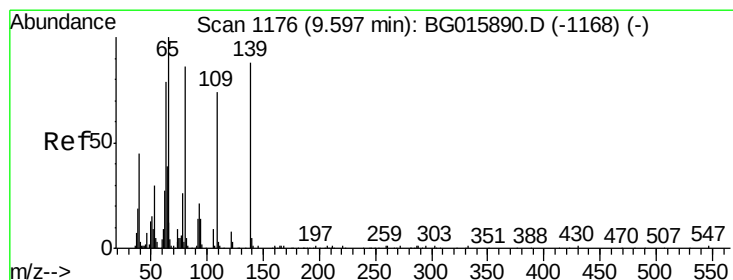
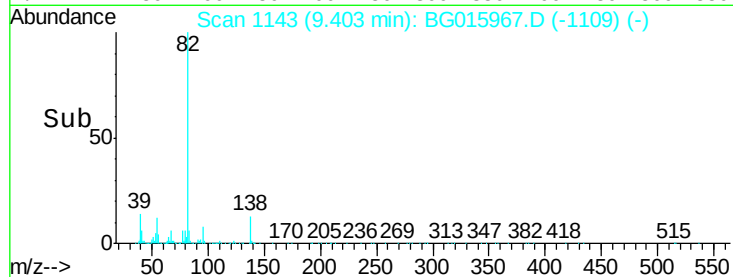
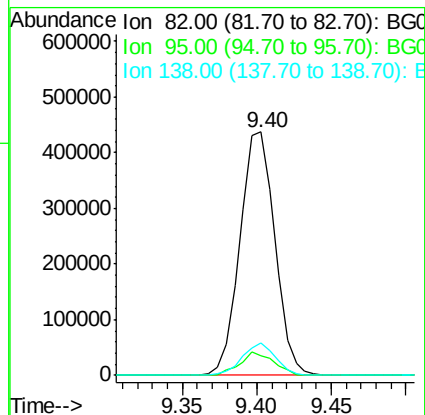
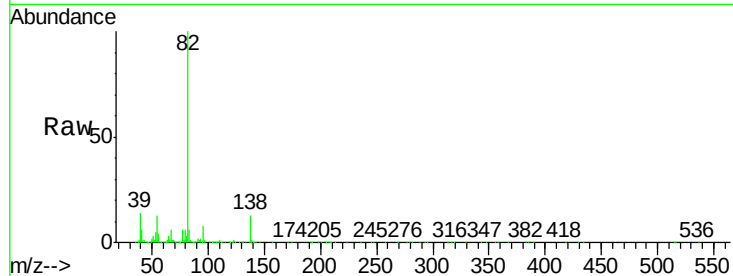
Tgt Ion: 82 Resp: 708397

Ion Ratio Lower Upper

82 100

95 7.9 8.1 12.1#

138 13.4 9.1 13.7



#26

2-Nitrophenol

Concen: 26.73 ng

RT: 9.58 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

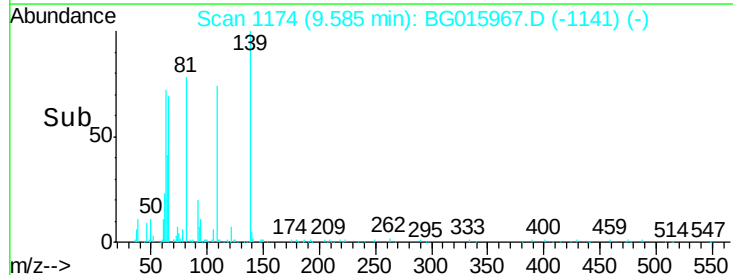
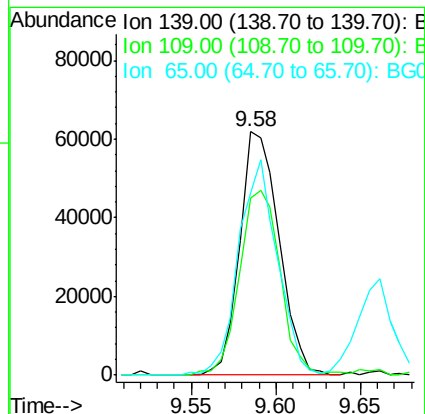
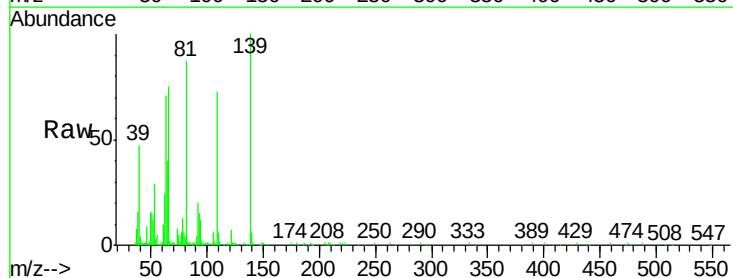
Tgt Ion: 139 Resp: 100209

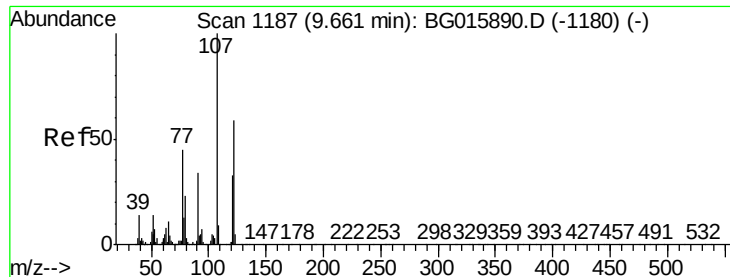
Ion Ratio Lower Upper

139 100

109 72.6 67.2 100.8

65 74.7 91.3 136.9#

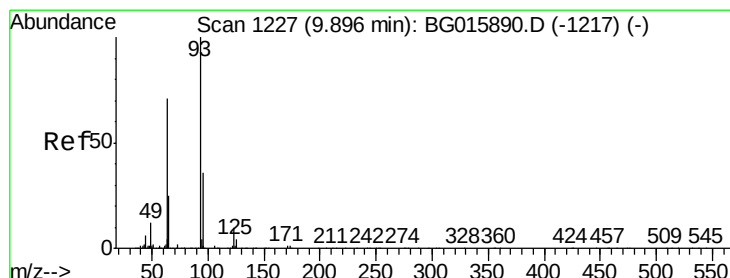
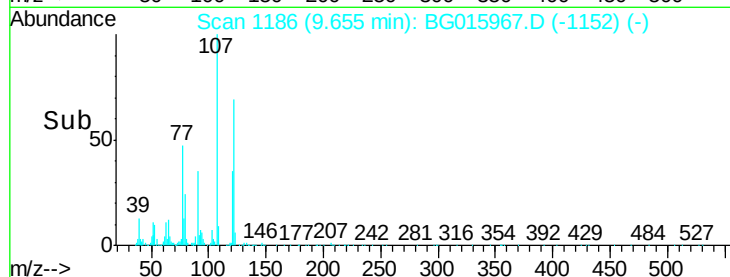
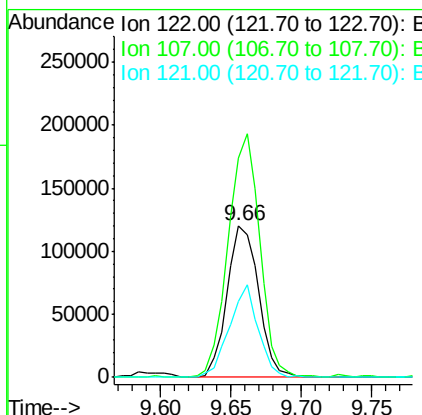
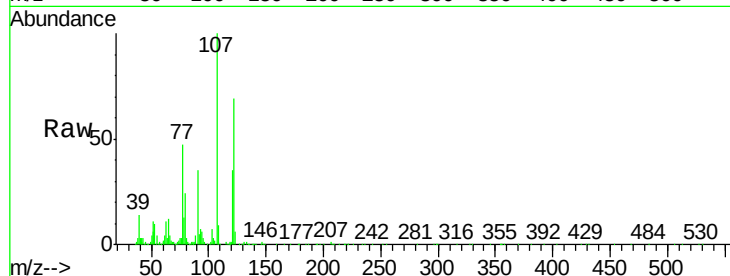




#27
 2,4-Dimethylphenol
 Concen: 26.14 ng
 RT: 9.66 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

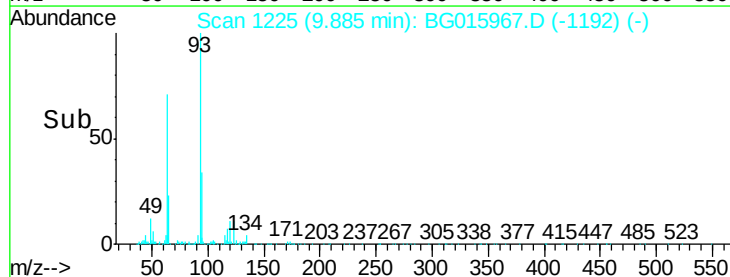
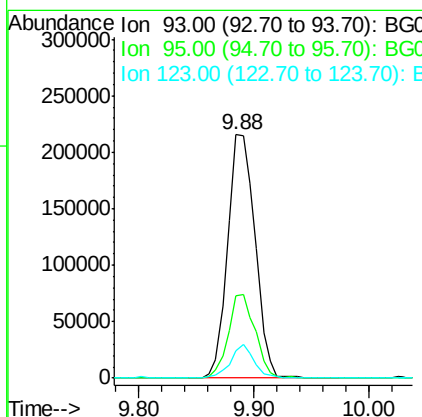
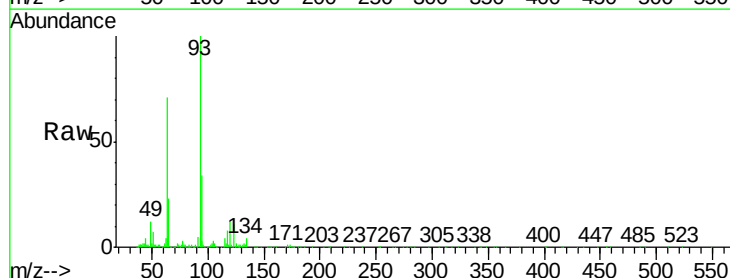
Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

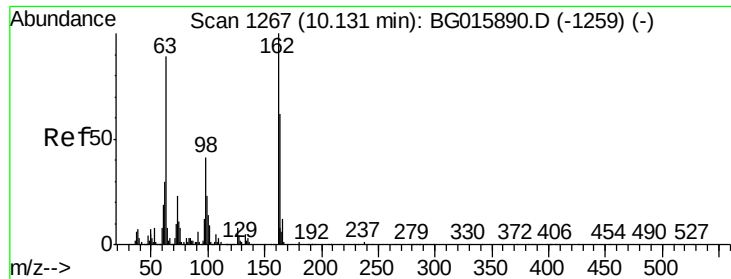
Tgt Ion	Ratio	Lower	Upper
122	100		
107	144.8	136.8	205.2
121	50.2	44.9	67.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.79 ng
 RT: 9.88 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	28.6	42.8
123	11.0	7.9	11.9

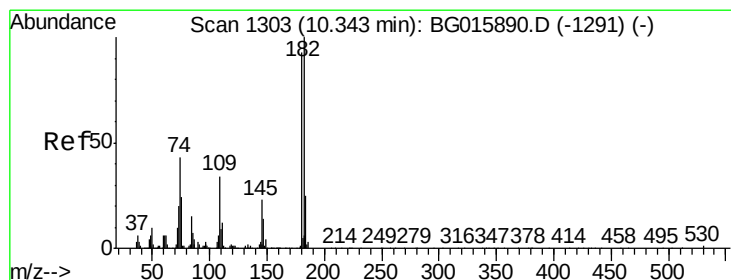
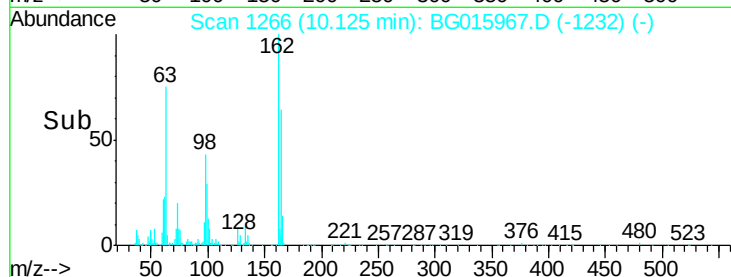
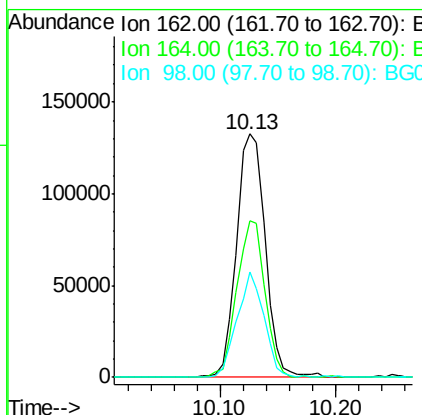
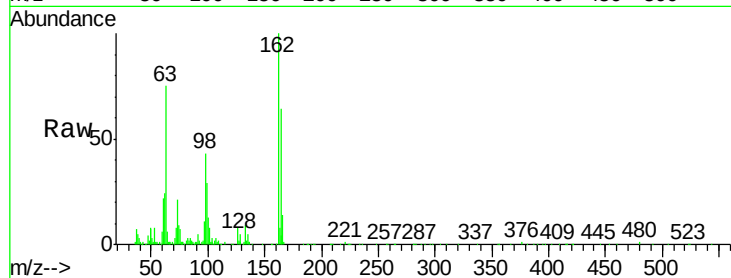




#29
2,4-Dichlorophenol
Concen: 30.53 ng
RT: 10.13 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

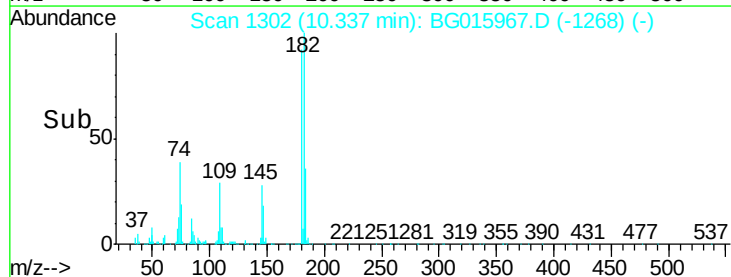
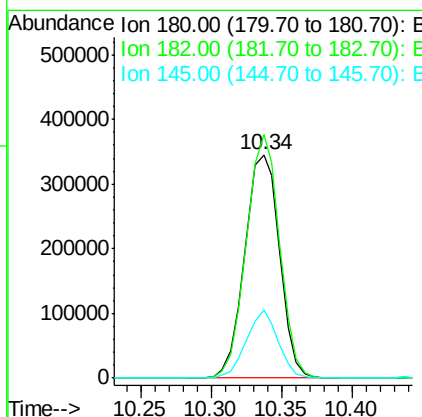
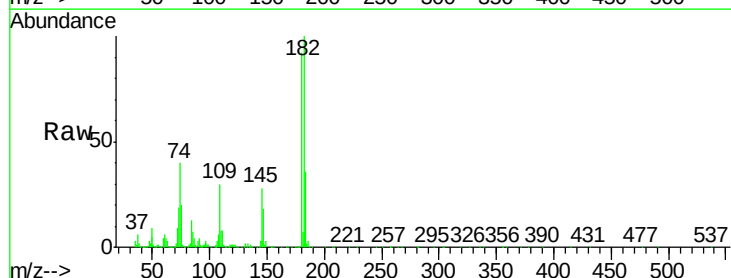
Instrument :
BNA_G
ClientSampleId :
121B4MS

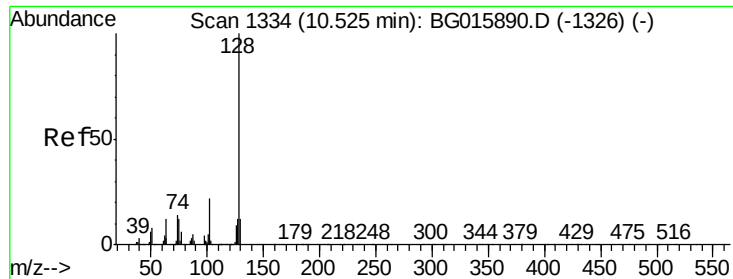
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.5	82.5
98	43.4	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 65.78 ng
RT: 10.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	109.0	86.4	129.6
145	30.5	20.1	30.1#

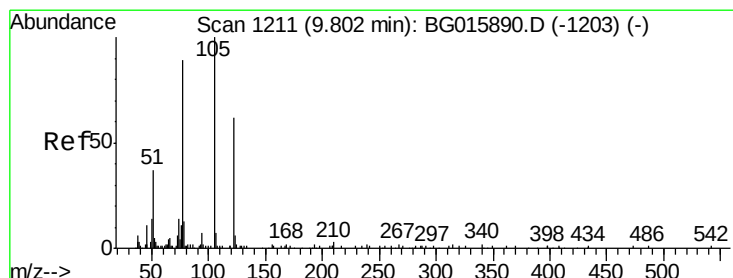
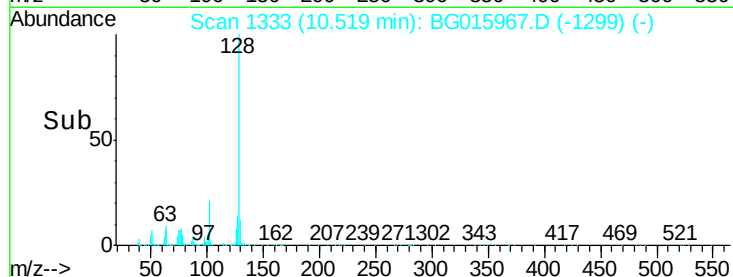
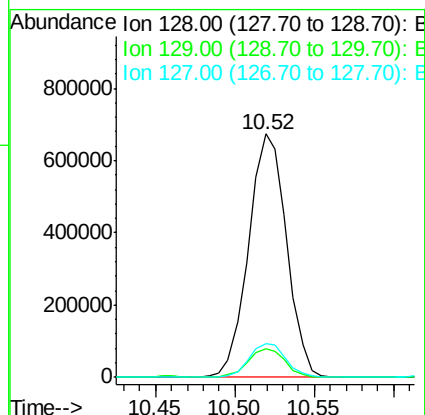
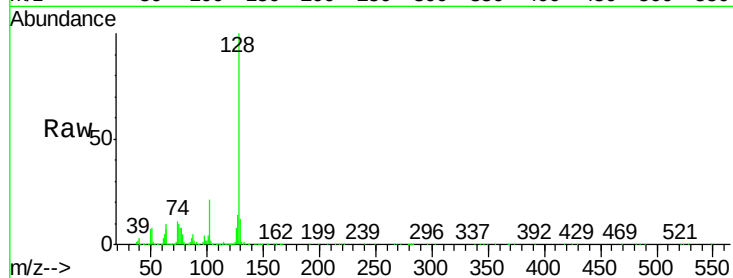




#31
Naphthalene
Concen: 52.68 ng
RT: 10.52 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

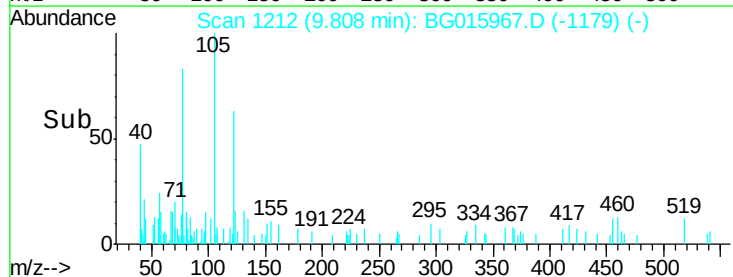
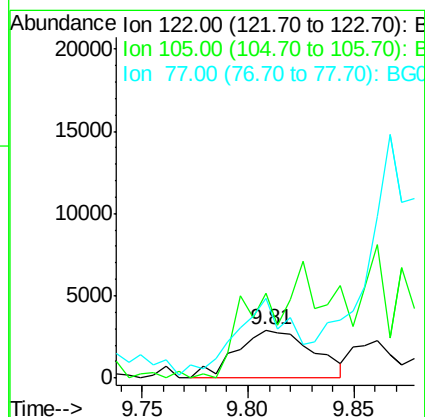
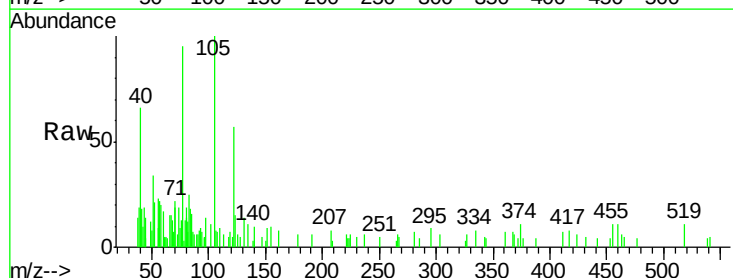
Instrument :
BNA_G
ClientSampleId :
121B4MS

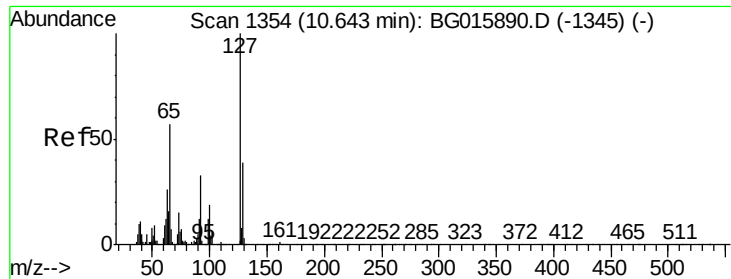
Tgt Ion:128 Resp: 1118554
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.6 9.8 14.6



#32
Benzoic acid
Concen: 14.25 ng
RT: 9.81 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion:122 Resp: 7316
Ion Ratio Lower Upper
122 100
105 174.1 140.2 180.2
77 166.0 126.4 166.4

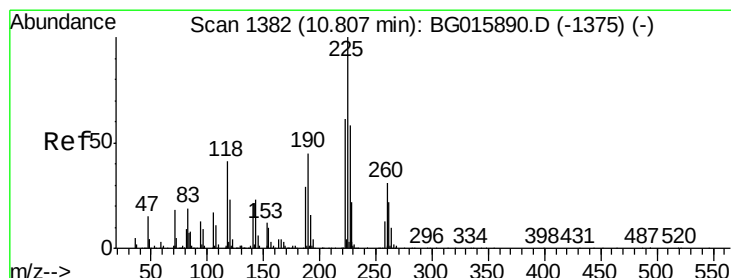
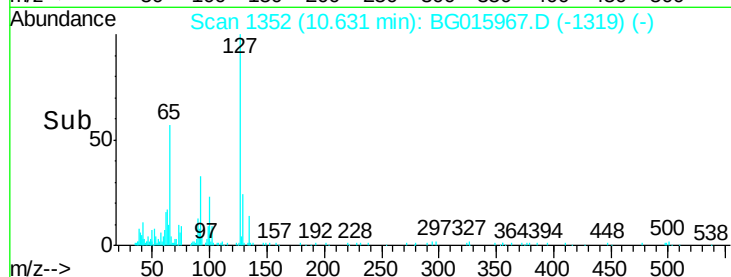
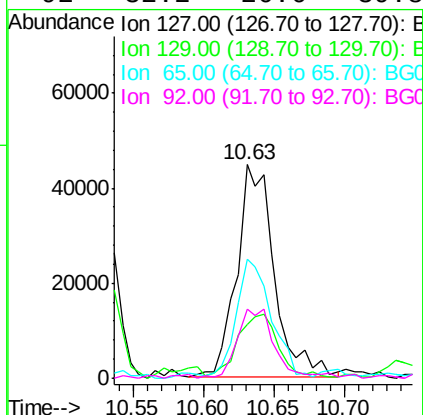
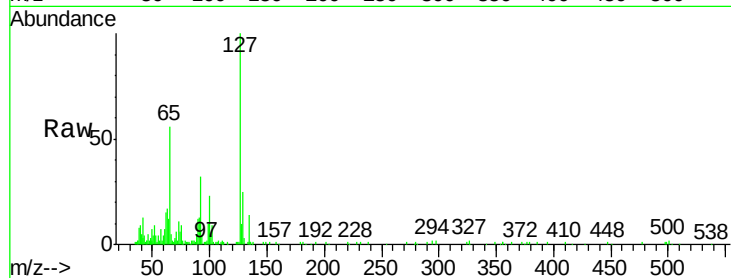




#33
4-Chloroaniline
Concen: 8.47 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

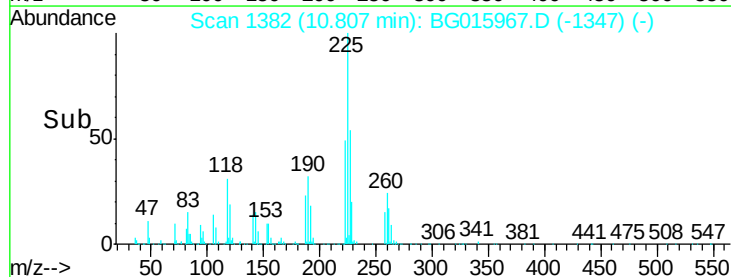
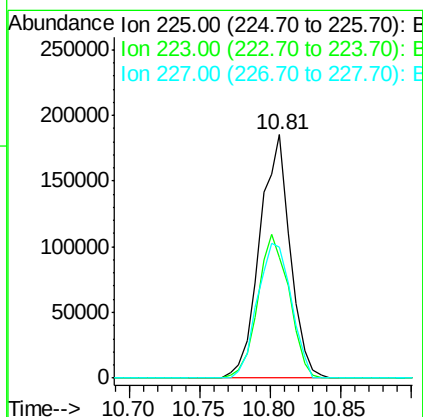
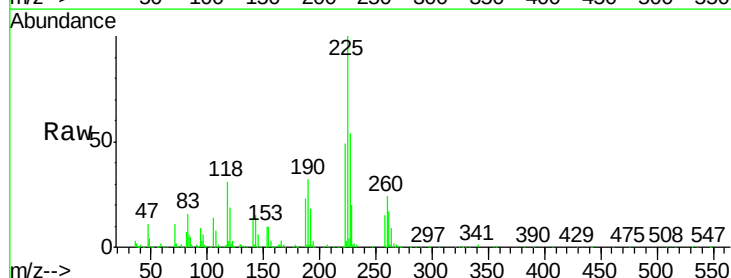
Instrument :
BNA_G
ClientSampleId :
121B4MS

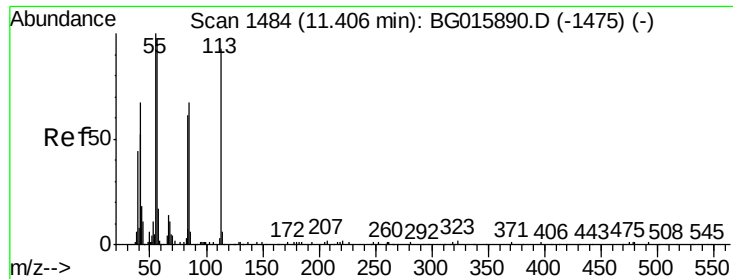
Tgt Ion:	127	Resp:	83793
Ion	Ratio	Lower	Upper
127	100		
129	25.5	30.8	46.2#
65	55.6	45.4	68.2
92	32.2	26.6	39.8



#34
Hexachlorobutadiene
Concen: 31.50 ng
RT: 10.81 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion:	225	Resp:	279844
Ion	Ratio	Lower	Upper
225	100		
223	47.4	49.9	74.9#
227	53.8	45.3	67.9





#35

Caprolactam

Concen: 5.53 ng

RT: 11.42 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

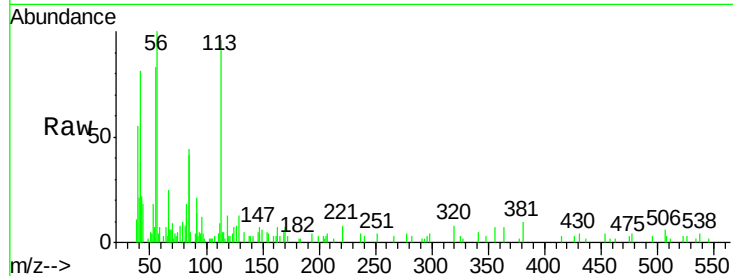
Tgt Ion:113 Resp: 20367

Ion Ratio Lower Upper

113 100

55 86.8 89.2 129.2#

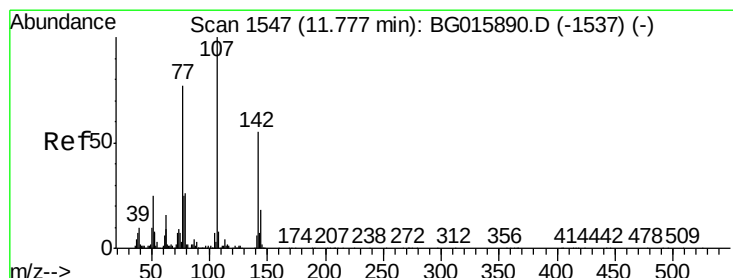
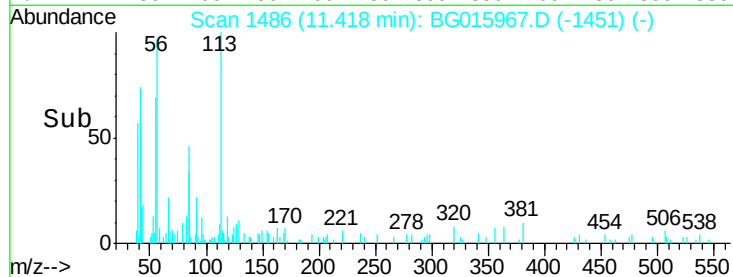
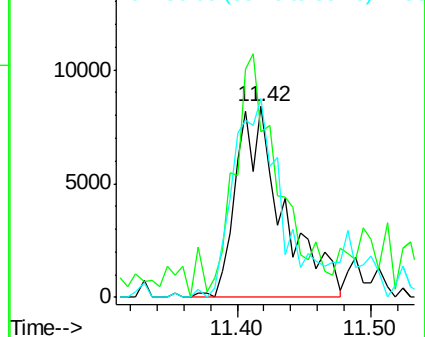
56 104.0 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 27.01 ng

RT: 11.78 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

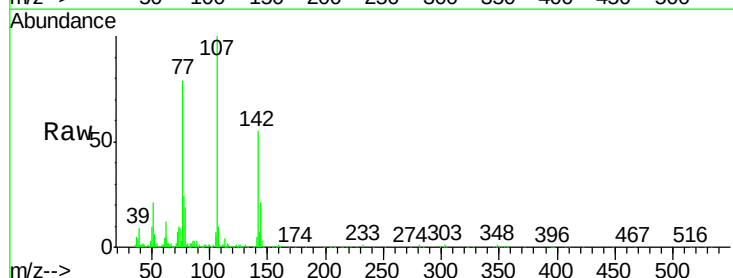
Tgt Ion:107 Resp: 297558

Ion Ratio Lower Upper

107 100

144 21.0 14.6 22.0

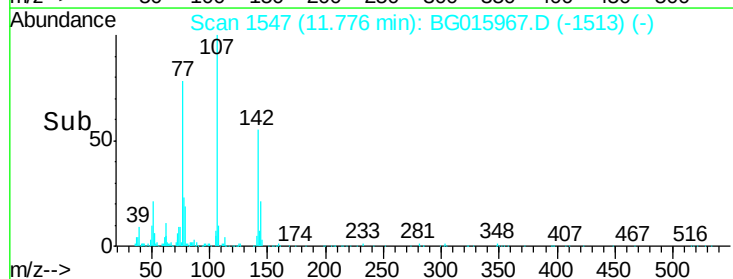
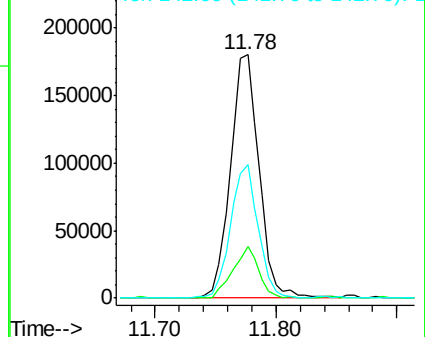
142 55.0 43.8 65.6

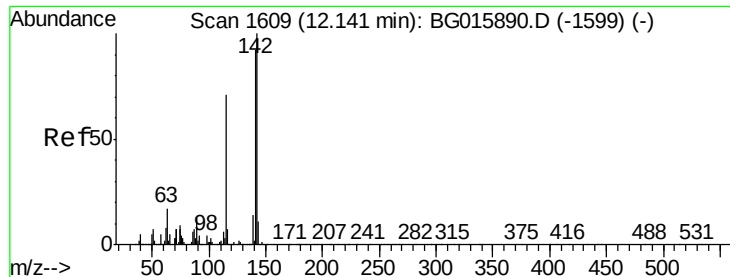


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

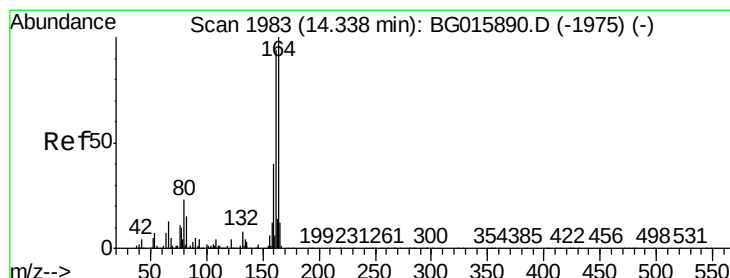
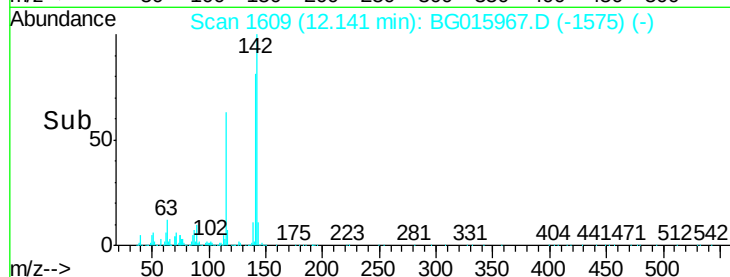
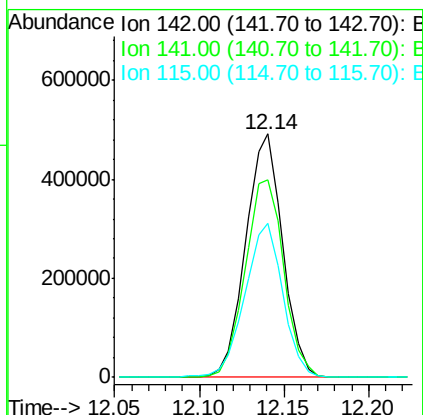
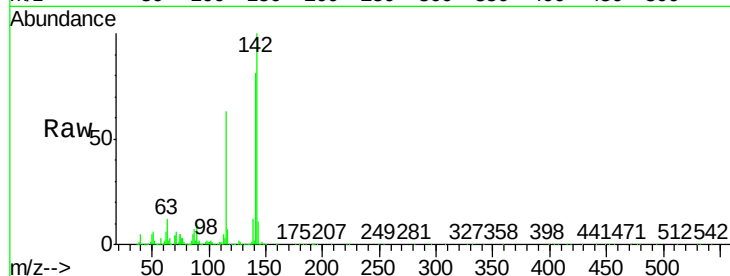




#37
2-Methylnaphthalene
Concen: 44.27 ng
RT: 12.14 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

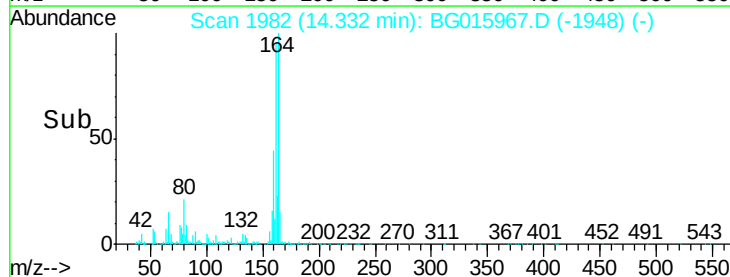
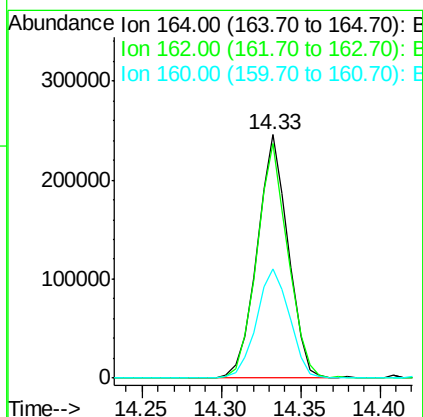
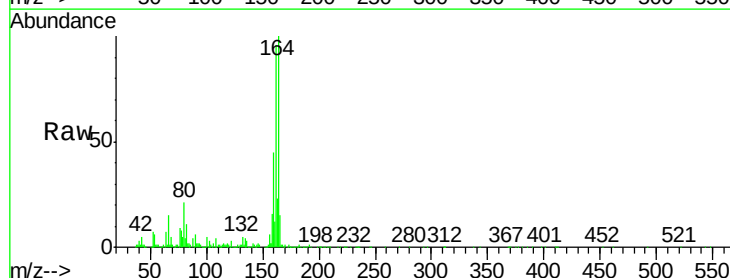
Instrument :
BNA_G
ClientSampleId :
121B4MS

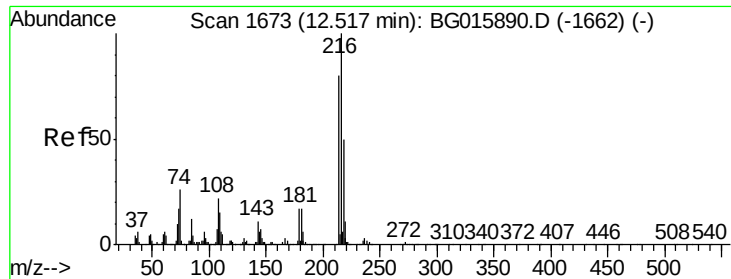
Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.9	73.8	110.8
115	63.2	56.6	84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	75.1	112.7
160	44.7	32.3	48.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.77 ng

RT: 12.51 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

Tgt Ion:216 Resp: 455977

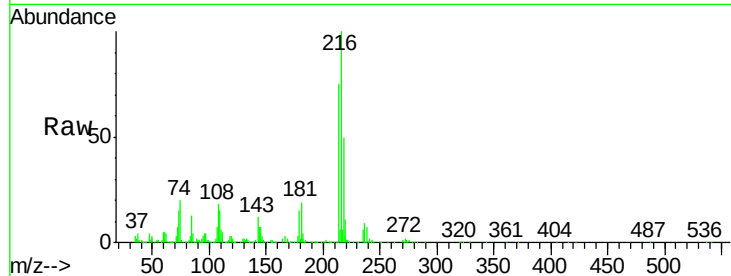
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 17.3 14.5 21.7

108 22.9 20.6 31.0

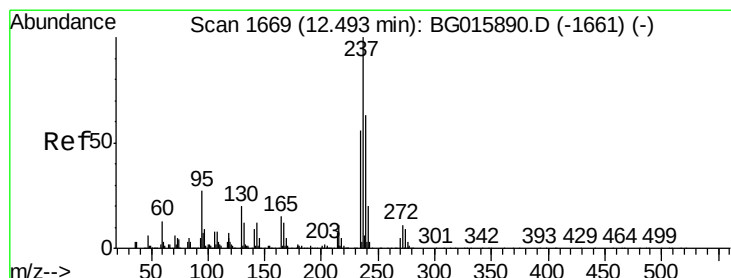
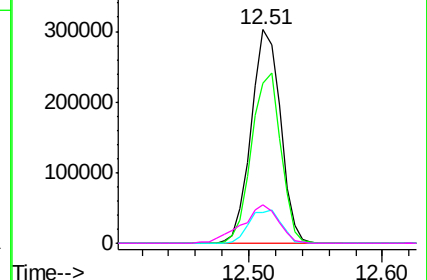
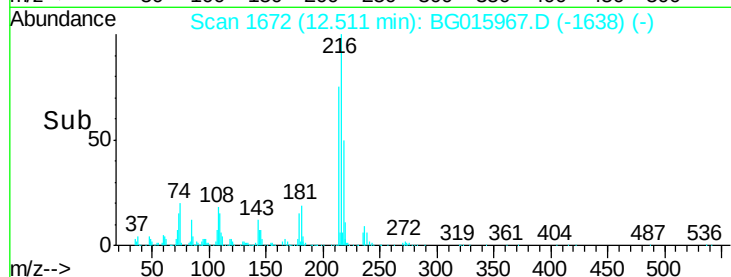


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.15 ng

RT: 12.49 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

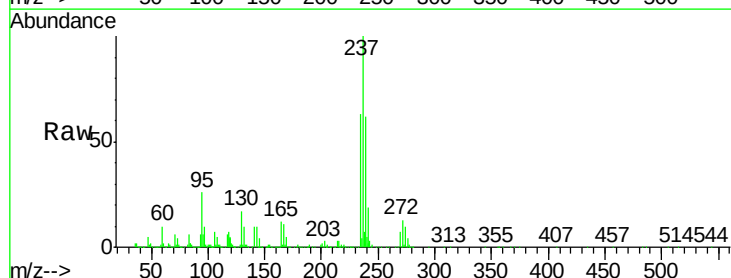
Tgt Ion:237 Resp: 548933

Ion Ratio Lower Upper

237 100

235 62.8 36.2 76.2

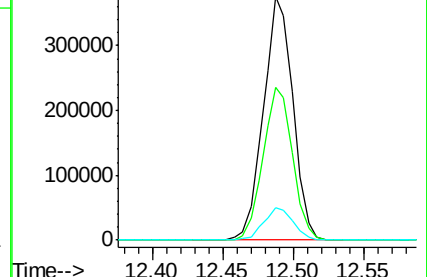
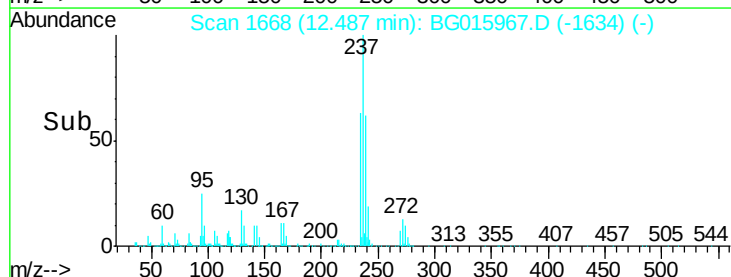
272 13.2 0.0 31.4

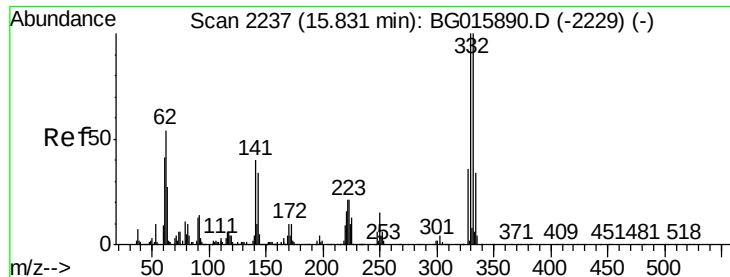


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

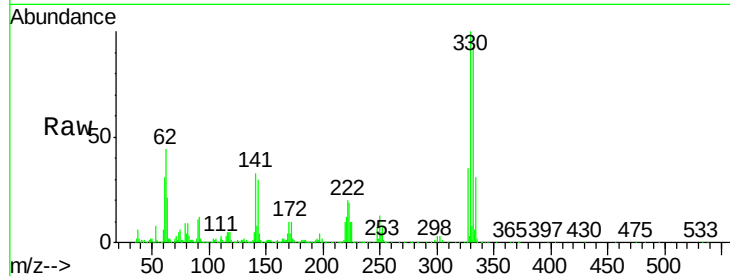




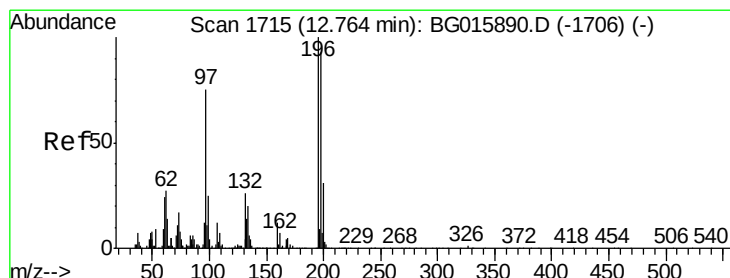
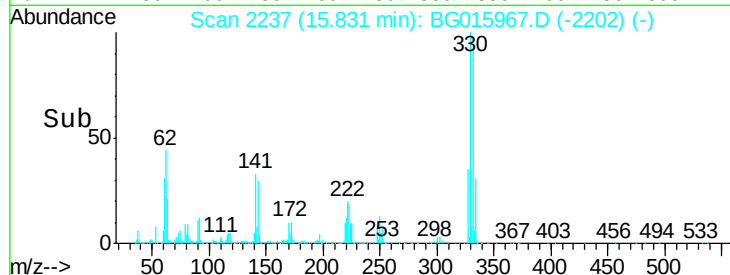
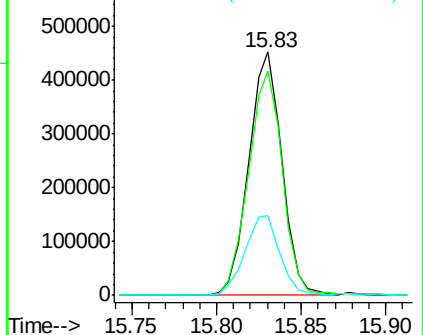
#41
 2,4,6-Tribromophenol
 Concen: 101.09 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

Tgt Ion:330 Resp: 618654
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.0
 141 34.2 33.0 49.6

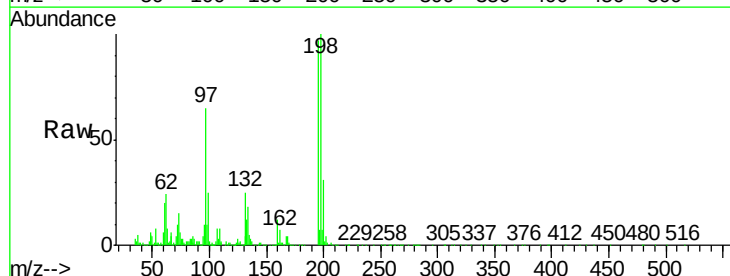


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

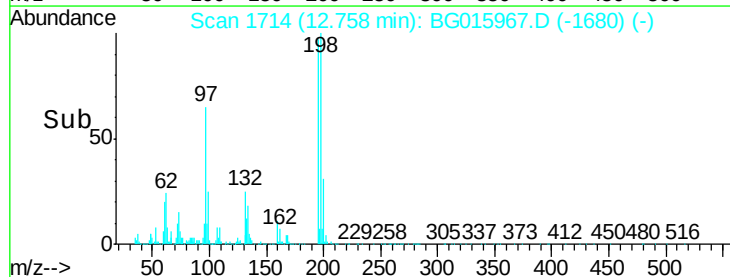
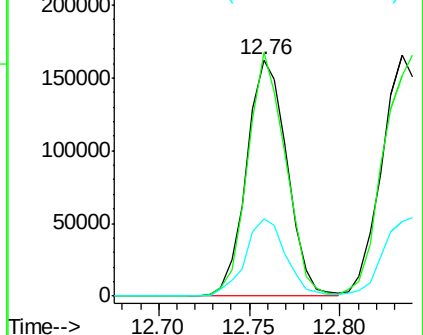


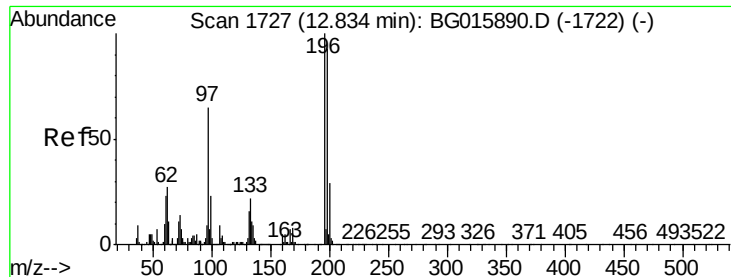
#42
 2,4,6-Trichlorophenol
 Concen: 33.77 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion:196 Resp: 252161
 Ion Ratio Lower Upper
 196 100
 198 103.2 74.1 111.1
 200 32.5 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

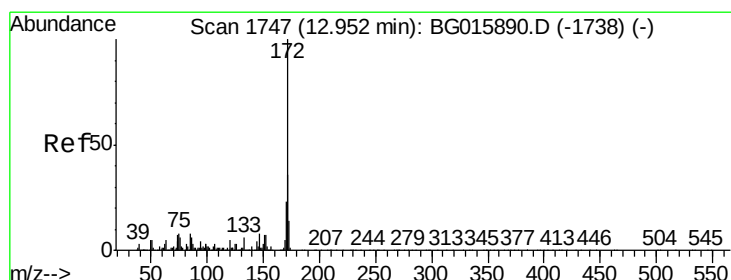
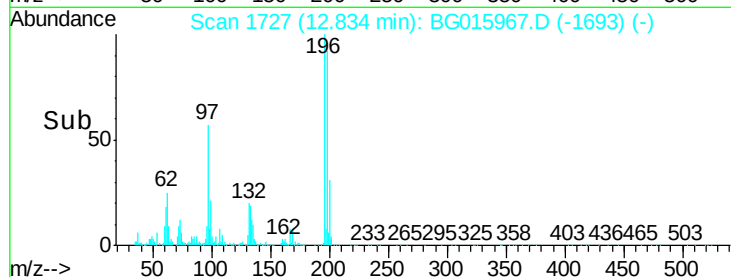
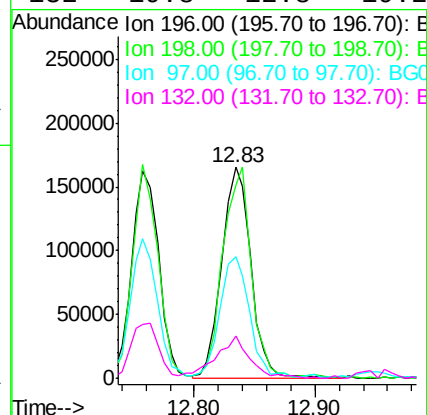
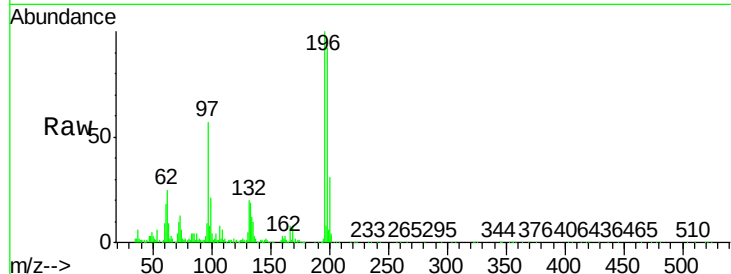




#43
 2,4,5-Trichlorophenol
 Concen: 32.82 ng
 RT: 12.83 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

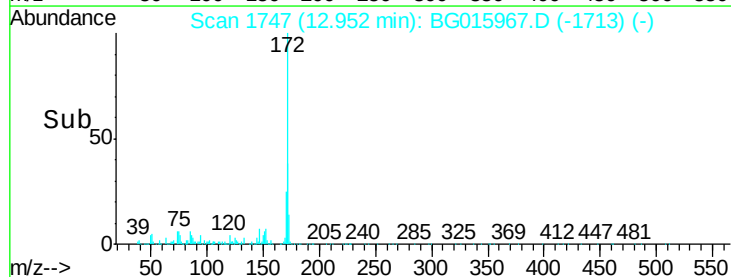
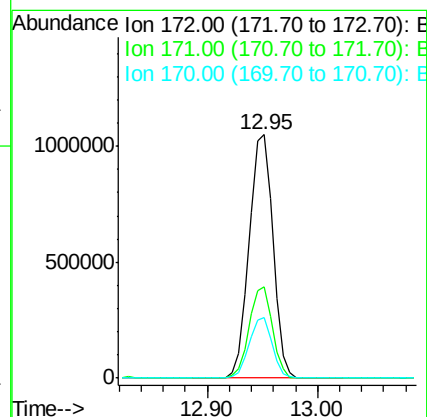
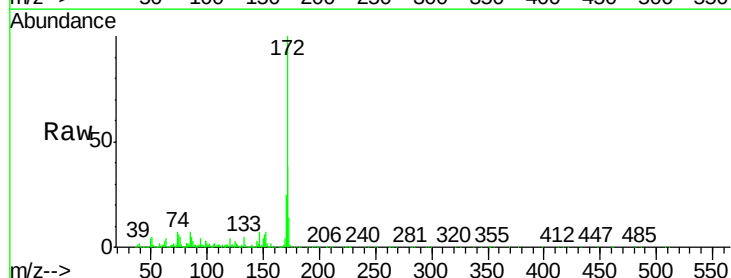
Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

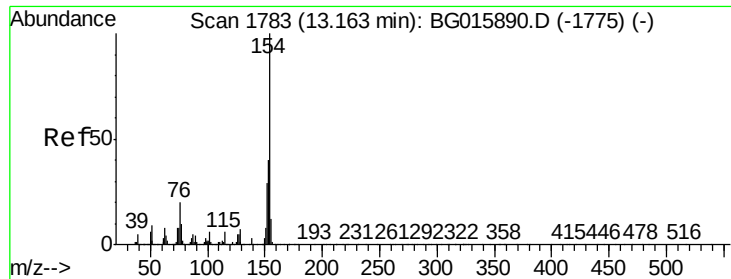
Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.8	74.7	112.1
97	57.4	52.5	78.7
132	19.8	12.8	19.2



#44
 2-Fluorobiphenyl
 Concen: 74.93 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.2	43.8
170	24.7	18.6	27.8

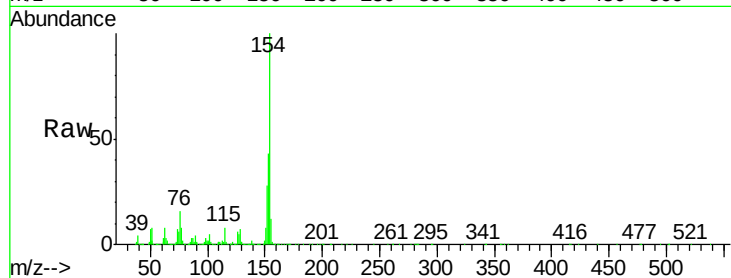




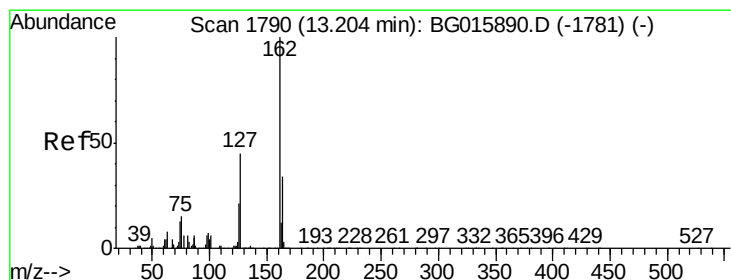
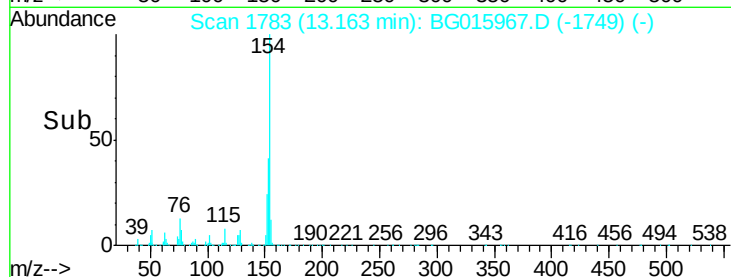
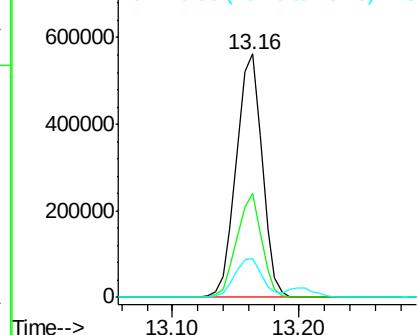
#45
 1,1'-Biphenyl
 Concen: 37.41 ng
 RT: 13.16 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	20.4	60.4
76	15.8	0.2	40.2

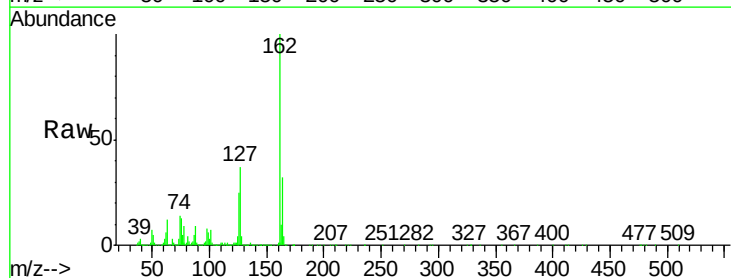


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

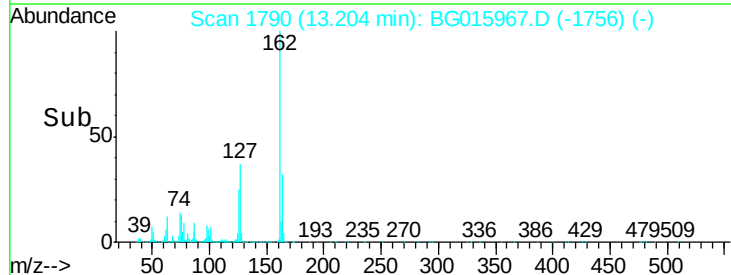
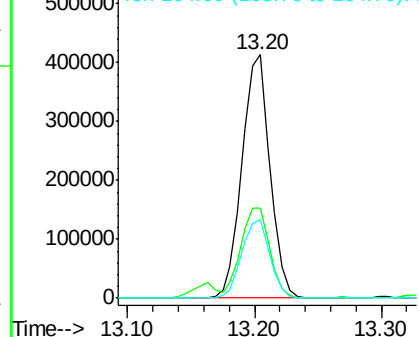


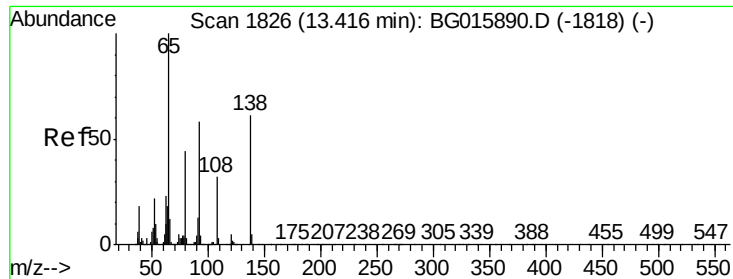
#46
 2-Chloronaphthalene
 Concen: 35.18 ng
 RT: 13.20 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	37.1	55.7
164	32.3	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

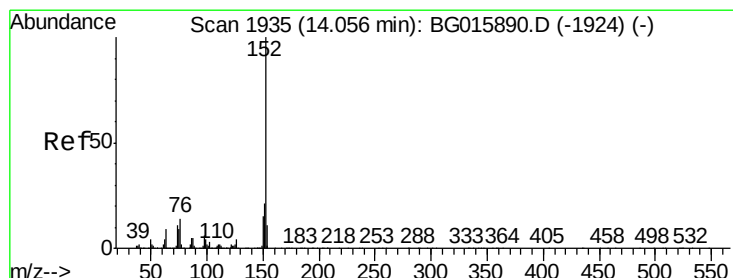
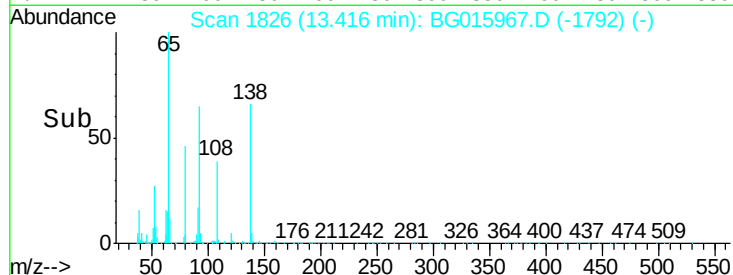
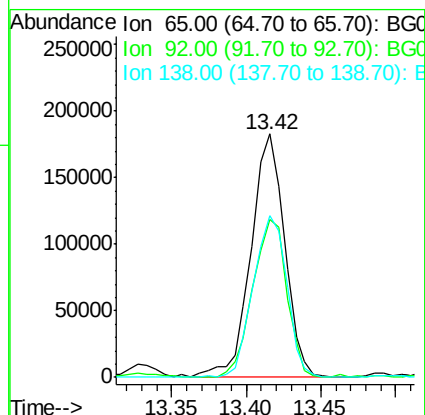
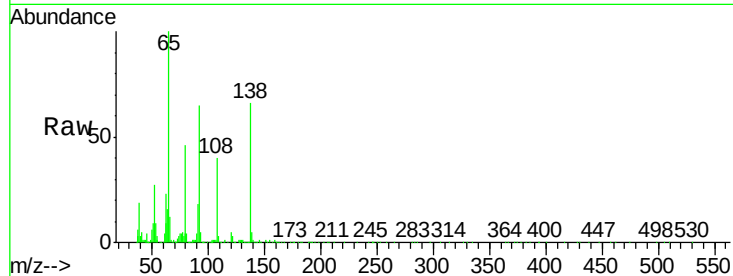




#47
2-Nitroaniline
Concen: 31.15 ng
RT: 13.42 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

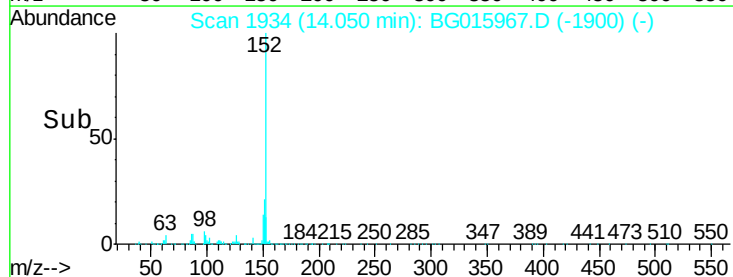
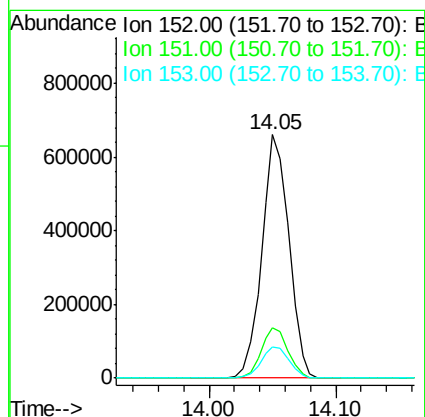
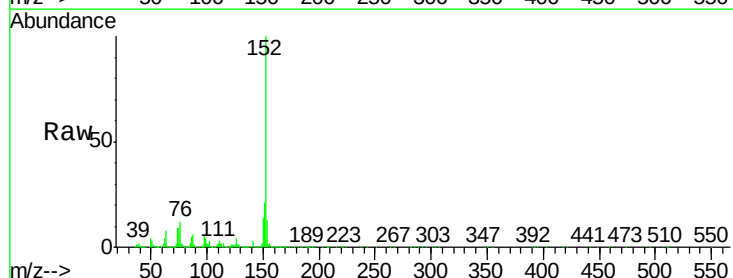
Instrument :
BNA_G
ClientSampleId :
121B4MS

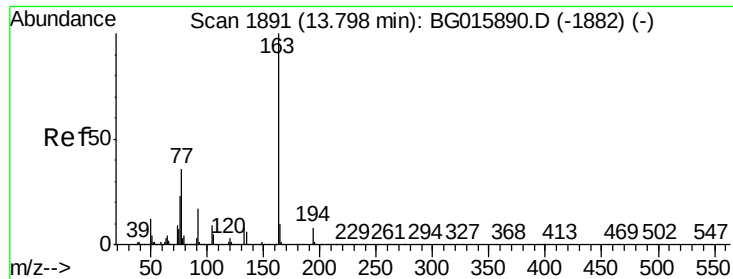
Tgt Ion: 65 Resp: 283123
Ion Ratio Lower Upper
65 100
92 65.1 46.6 70.0
138 66.5 49.0 73.6



#48
Acenaphthylene
Concen: 36.33 ng
RT: 14.05 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion: 152 Resp: 982829
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 12.6 8.9 13.3





#49

Dimethylphthalate

Concen: 36.05 ng

RT: 13.80 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

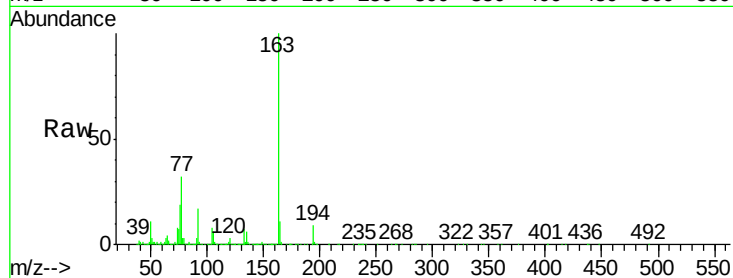
Tgt Ion:163 Resp: 867190

Ion Ratio Lower Upper

163 100

194 8.5 6.2 9.4

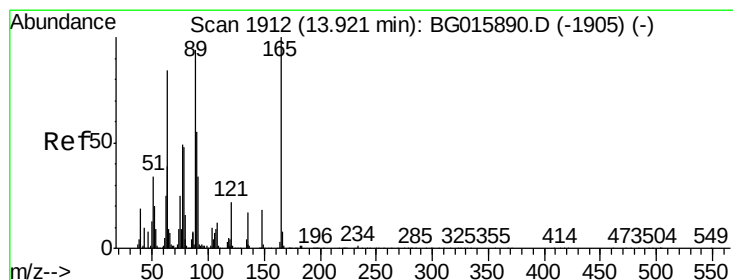
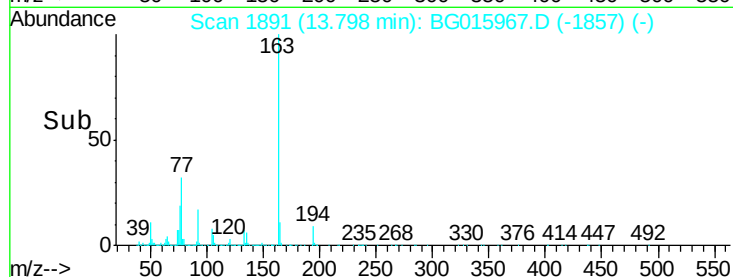
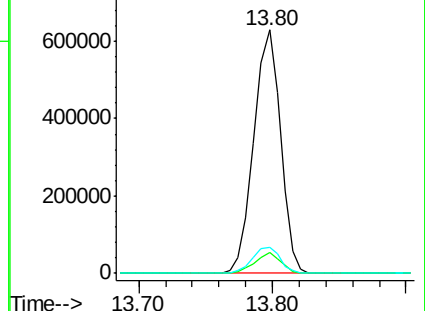
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.12 ng

RT: 13.92 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

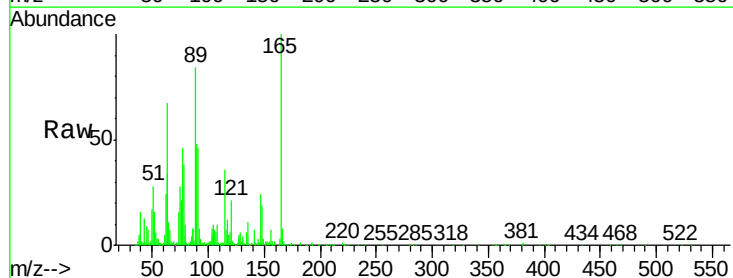
Tgt Ion:165 Resp: 201610

Ion Ratio Lower Upper

165 100

63 67.0 68.3 102.5#

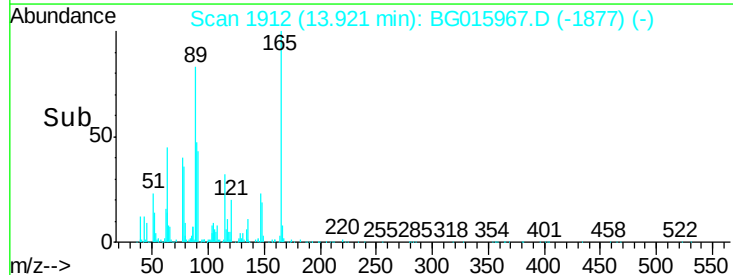
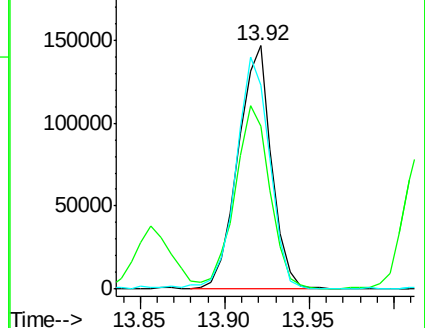
89 84.0 75.4 113.2

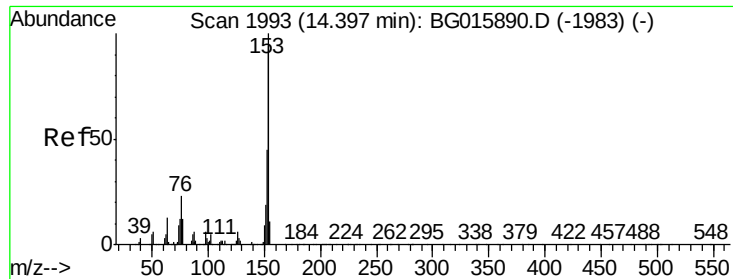


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.28 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

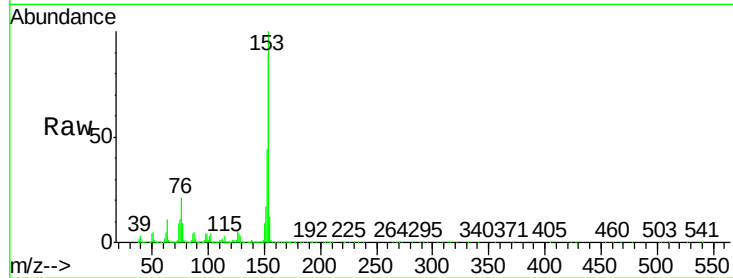
Tgt Ion:154 Resp: 633610

Ion Ratio Lower Upper

154 100

153 112.4 85.1 127.7

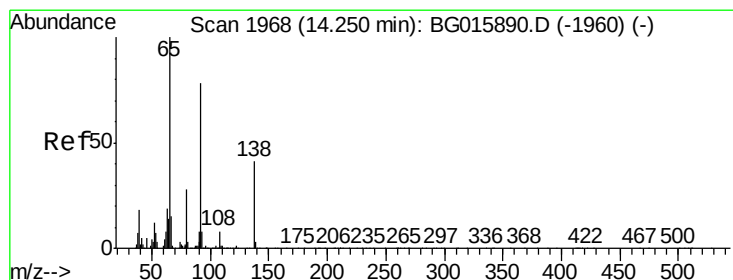
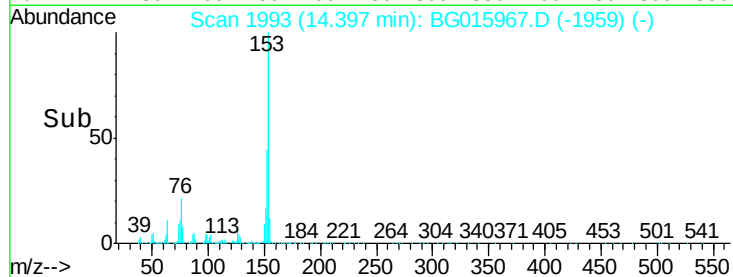
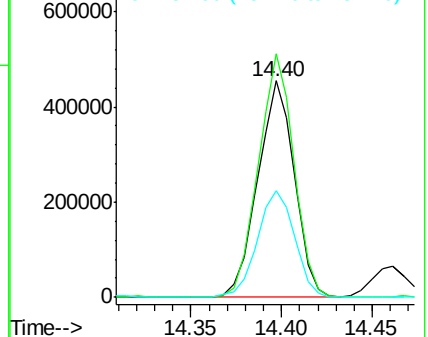
152 49.5 38.3 57.5



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



#52

3-Nitroaniline

Concen: 22.85 ng

RT: 14.25 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

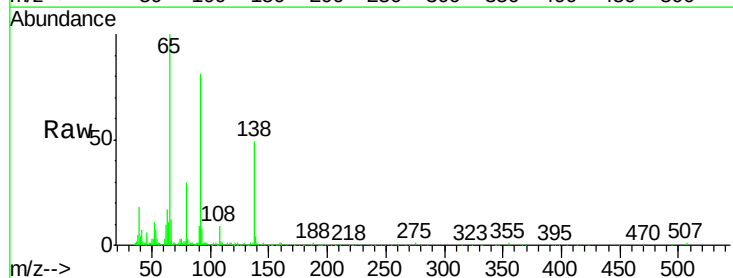
Tgt Ion:138 Resp: 116743

Ion Ratio Lower Upper

138 100

108 18.3 15.9 23.9

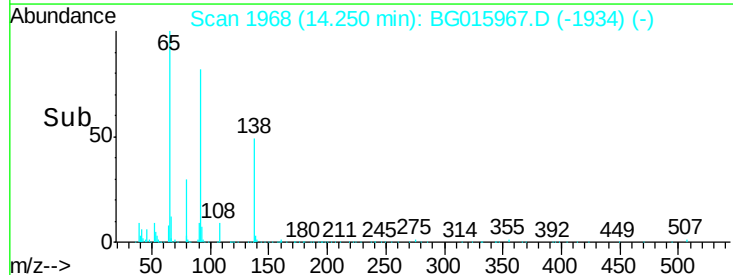
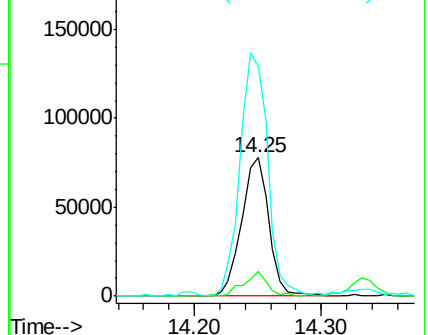
92 166.4 154.0 231.0

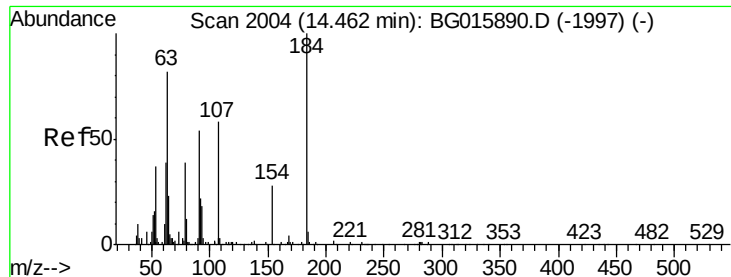


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

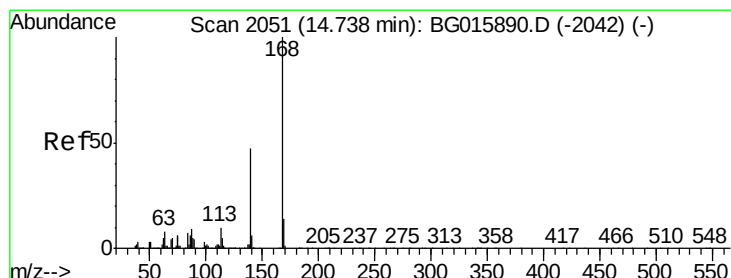
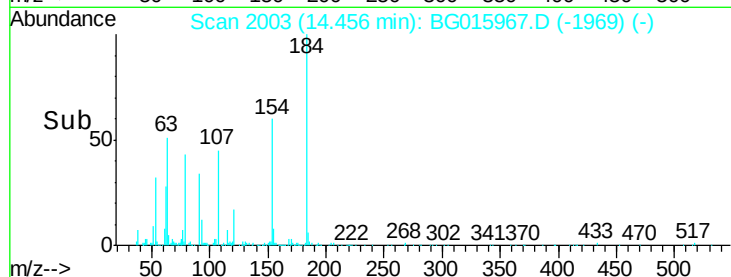
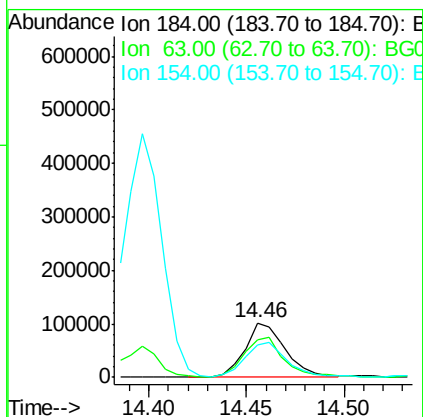
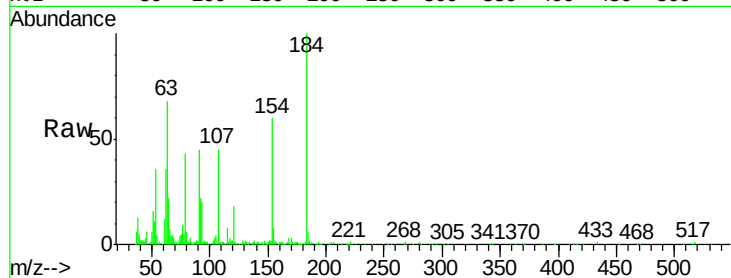




#53
2,4-Dinitrophenol
Concen: 44.51 ng
RT: 14.46 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

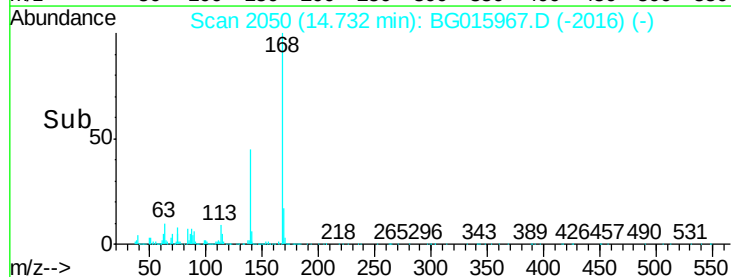
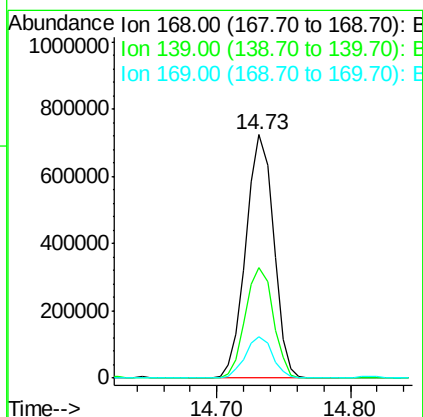
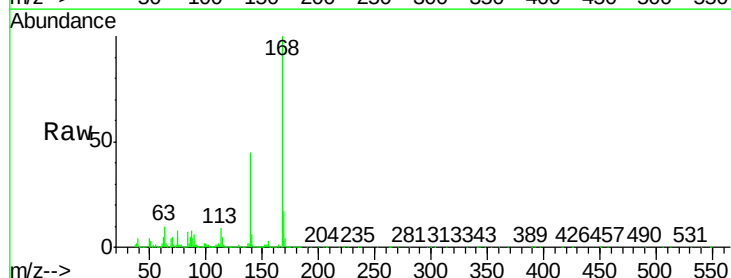
Instrument :
BNA_G
ClientSampleId :
121B4MS

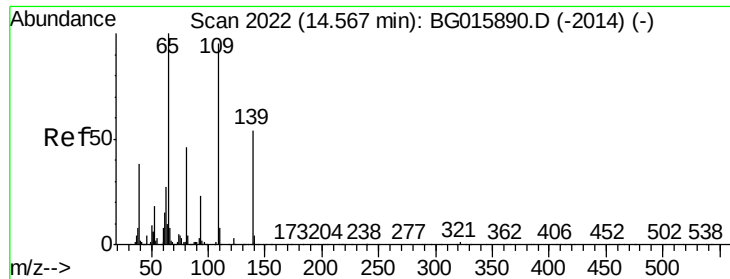
Tgt Ion:184 Resp: 145312
Ion Ratio Lower Upper
184 100
63 67.6 68.6 103.0#
154 59.9 54.9 82.3



#54
Dibenzofuran
Concen: 37.11 ng
RT: 14.73 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion:168 Resp: 1040781
Ion Ratio Lower Upper
168 100
139 45.5 37.8 56.8
169 16.8 11.5 17.3

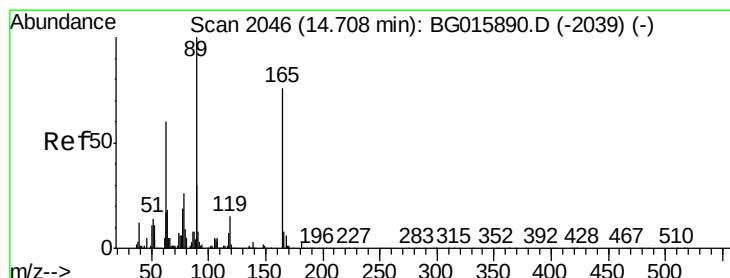
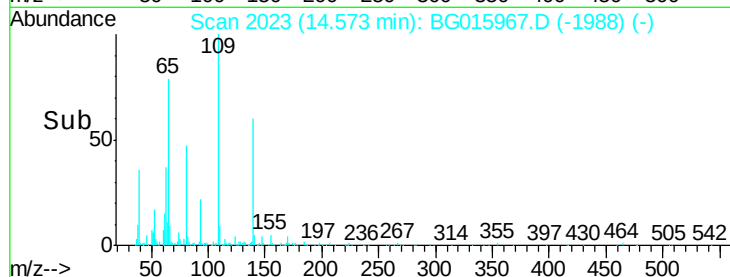
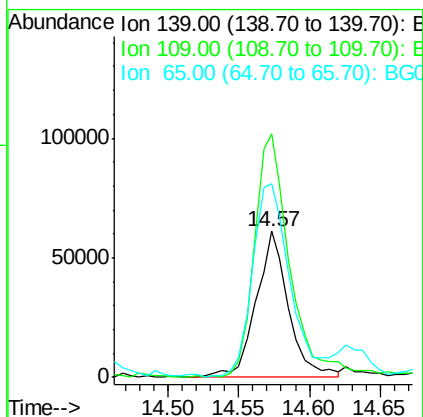
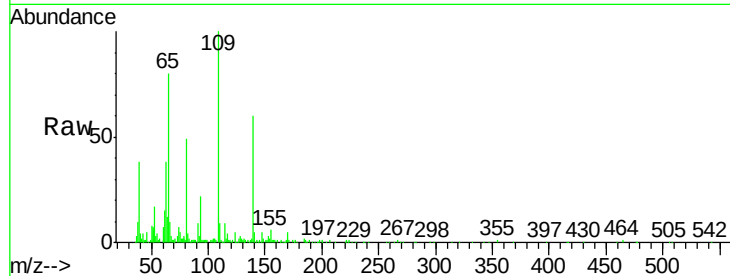




#55
4-Nitrophenol
Concen: 27.55 ng
RT: 14.57 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

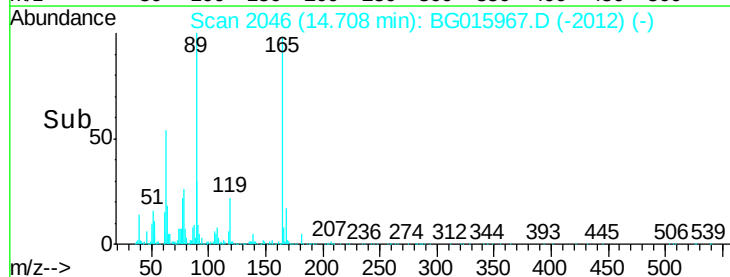
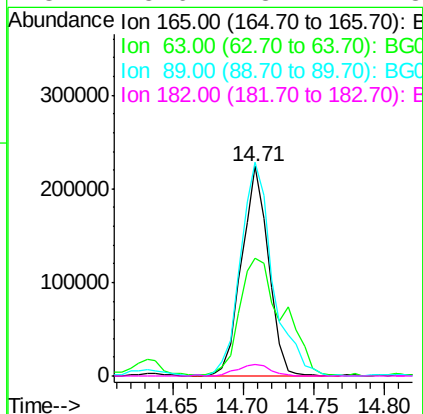
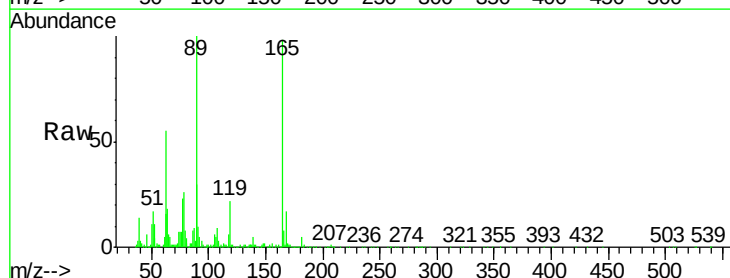
Instrument :
BNA_G
ClientSampleId :
121B4MS

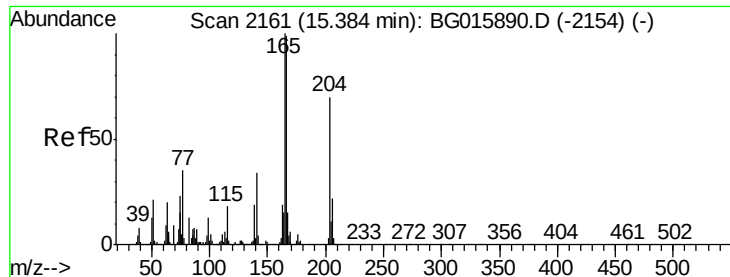
Tgt Ion:139 Resp: 96847
Ion Ratio Lower Upper
139 100
109 166.7 156.3 196.3
65 133.0 166.3 206.3#



#56
2,4-Dinitrotoluene
Concen: 37.46 ng
RT: 14.71 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion:165 Resp: 297647
Ion Ratio Lower Upper
165 100
63 56.2 62.6 93.8#
89 102.0 104.6 157.0#
182 5.6 3.2 4.8#





#57

Fluorene

Concen: 39.42 ng

RT: 15.38 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampled :

121B4MS

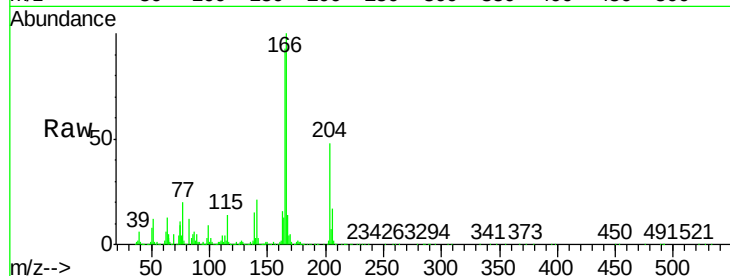
Tgt Ion:166 Resp: 997360

Ion Ratio Lower Upper

166 100

165 92.6 80.6 120.8

167 14.1 12.5 18.7

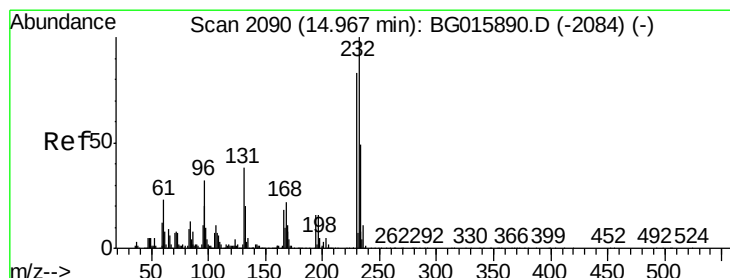
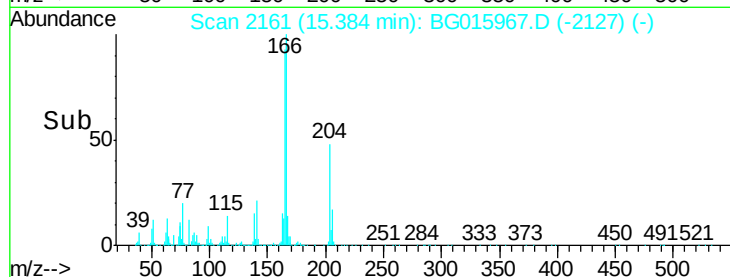
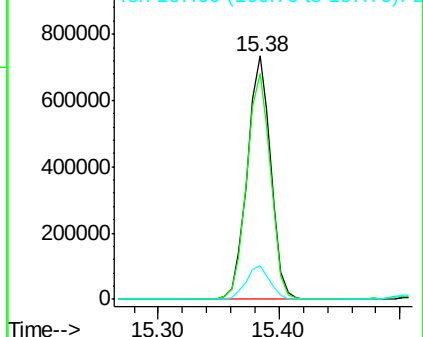


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.95 ng

RT: 14.97 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Tgt Ion:232 Resp: 307998

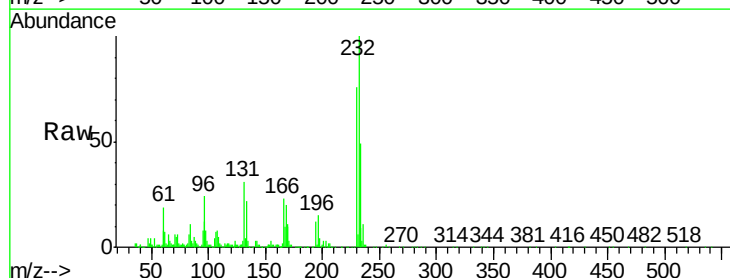
Ion Ratio Lower Upper

232 100

131 32.9 29.1 43.7

130 3.4 1.7 2.5#

166 19.4 16.5 24.7



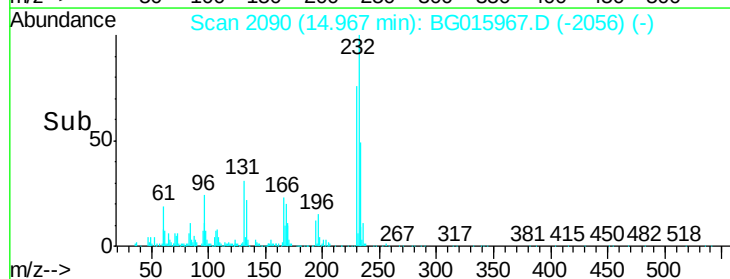
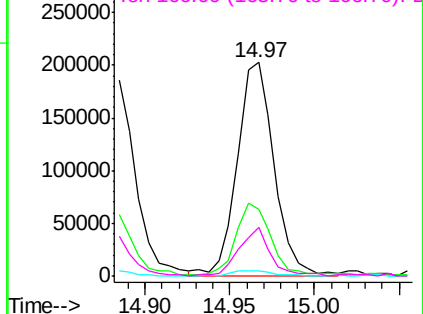
Abundance

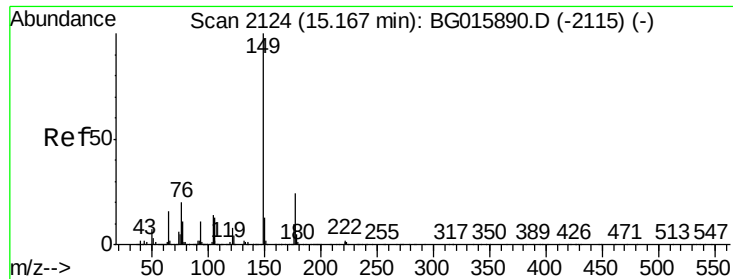
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.70 ng

RT: 15.16 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

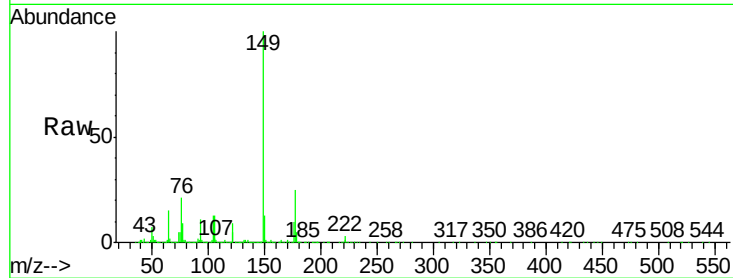
Tgt Ion:149 Resp: 901322

Ion Ratio Lower Upper

149 100

177 24.7 19.4 29.0

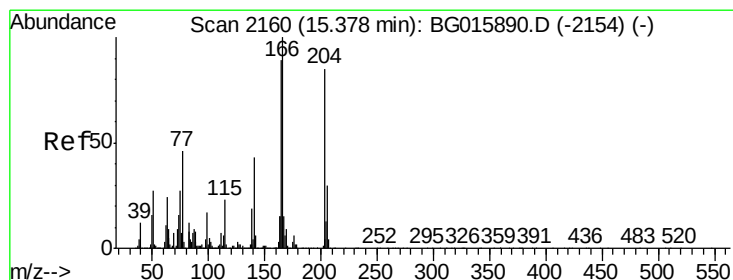
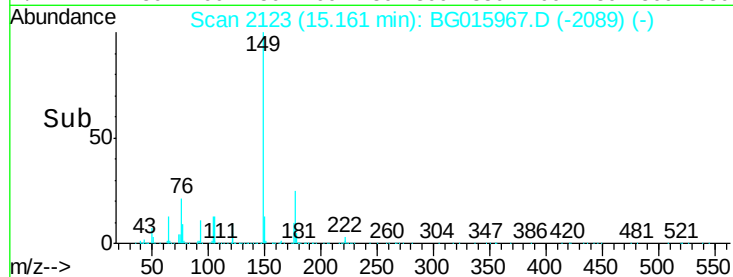
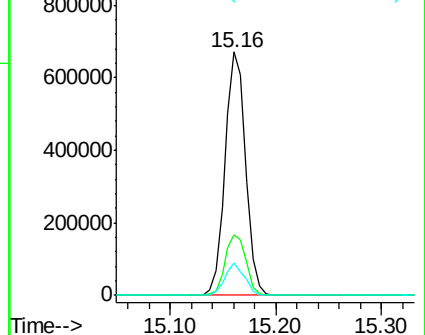
150 13.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.30 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

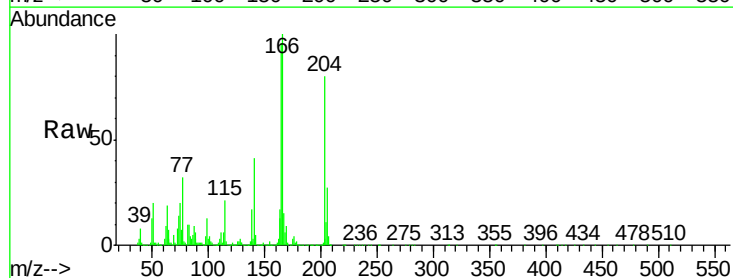
Tgt Ion:204 Resp: 610743

Ion Ratio Lower Upper

204 100

206 34.0 28.4 42.6

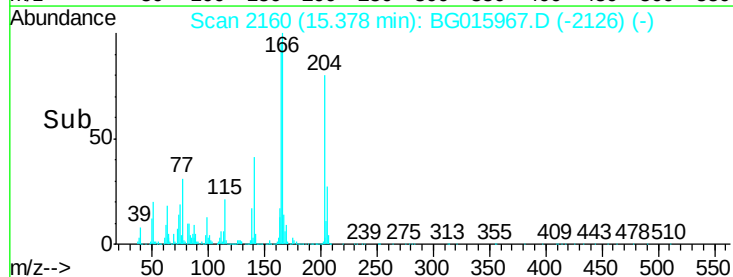
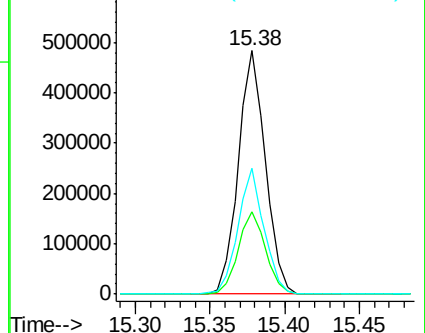
141 51.5 41.0 61.6

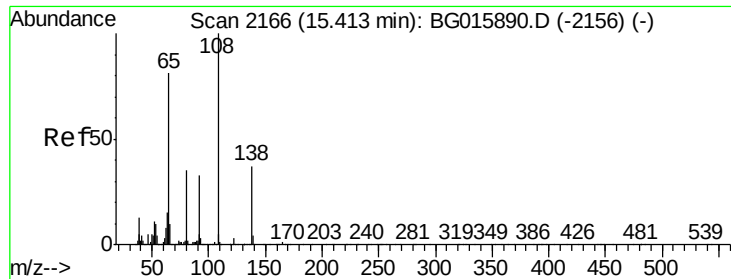


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

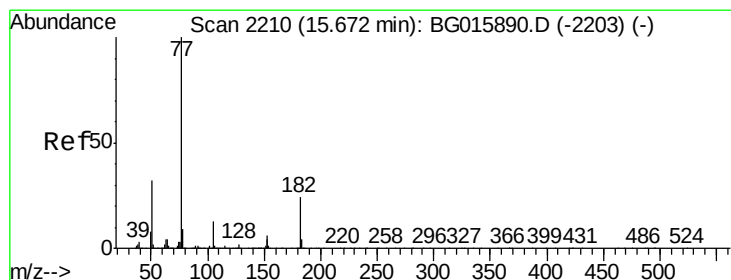
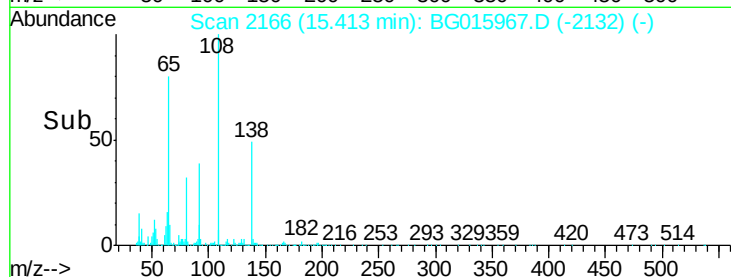
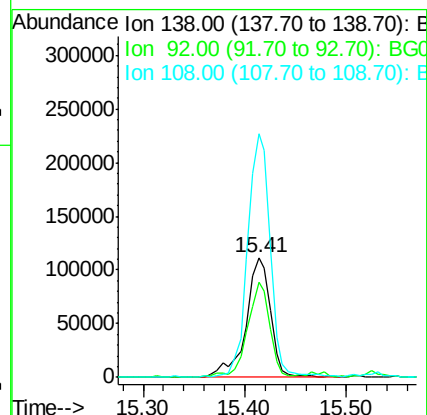
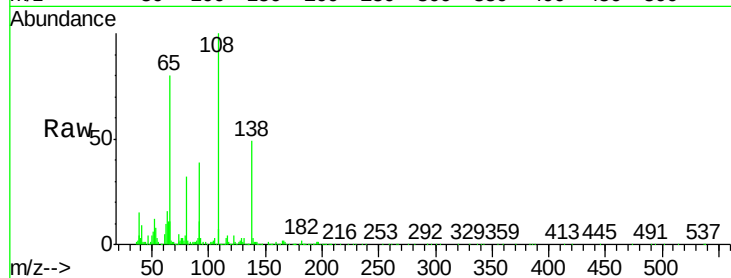




#61
4-Nitroaniline
Concen: 34.60 ng
RT: 15.41 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

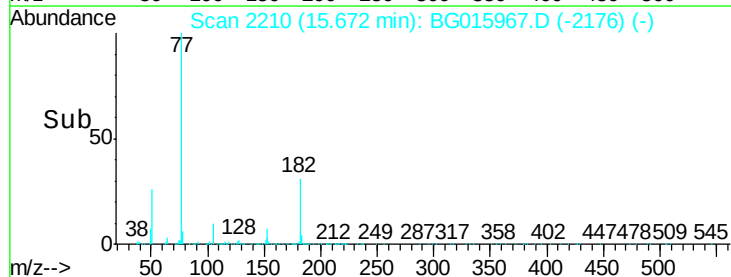
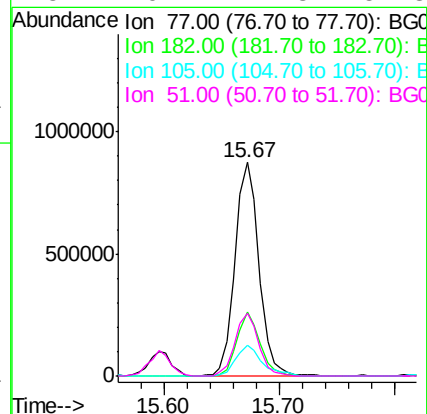
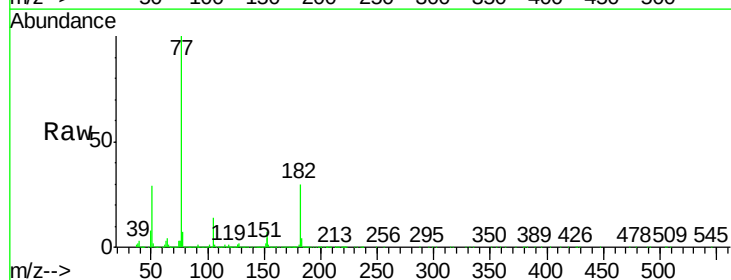
Instrument :
BNA_G
ClientSampleId :
121B4MS

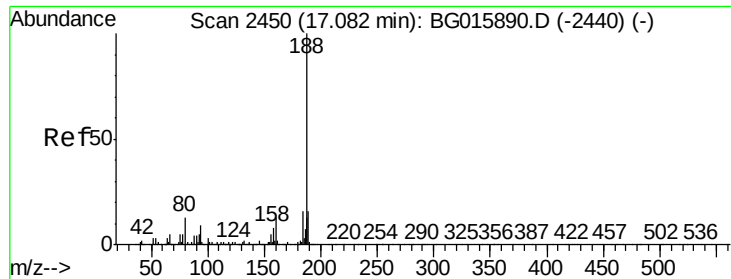
Tgt Ion: 138 Resp: 187496
Ion Ratio Lower Upper
138 100
92 79.5 70.7 110.7
108 203.1 251.1 291.1#



#62
Azobenzene
Concen: 31.35 ng
RT: 15.67 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion: 77 Resp: 1246570
Ion Ratio Lower Upper
77 100
182 30.2 3.6 43.6
105 14.4 0.0 32.9
51 29.2 11.8 51.8

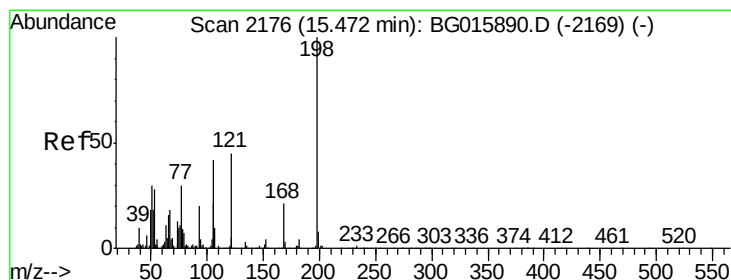
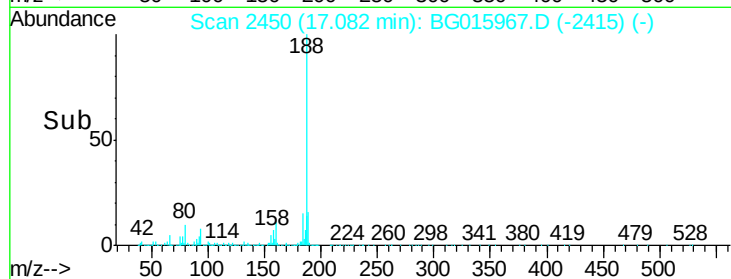
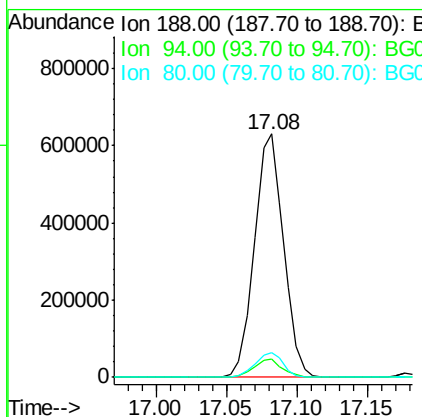
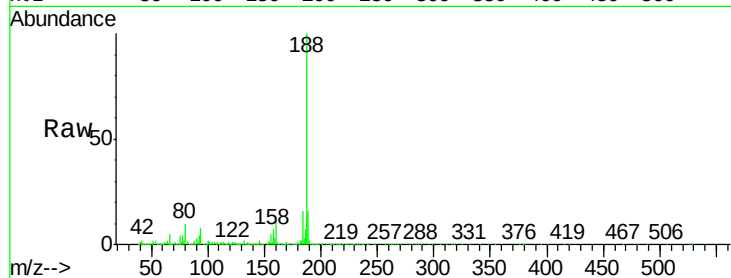




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

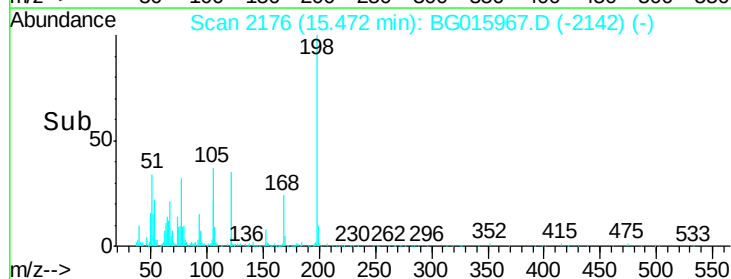
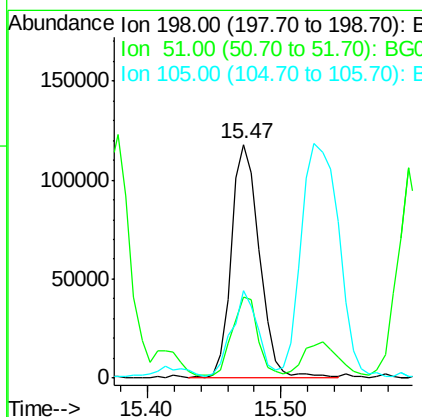
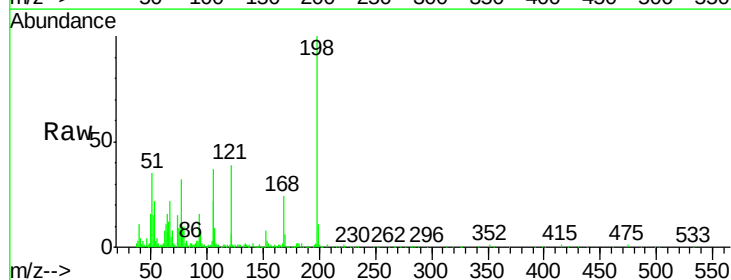
Instrument :
BNA_G
ClientSampleId :
121B4MS

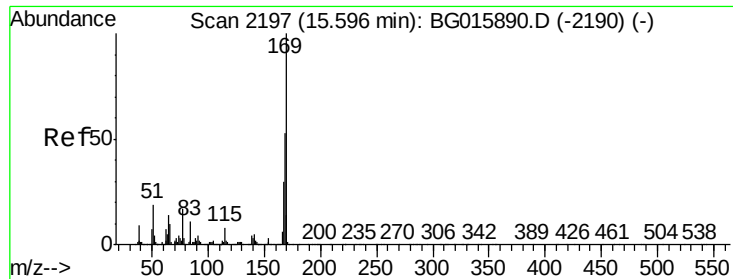
Tgt Ion:188 Resp: 915048
Ion Ratio Lower Upper
188 100
94 7.6 7.8 11.8#
80 10.0 10.6 16.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 25.80 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG015967.D
Acq: 28 Jan 2015 4:19

Tgt Ion:198 Resp: 170363
Ion Ratio Lower Upper
198 100
51 34.9 12.3 52.3
105 37.1 22.3 62.3





#65

n-Nitrosodiphenylamine

Concen: 31.93 ng

RT: 15.60 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

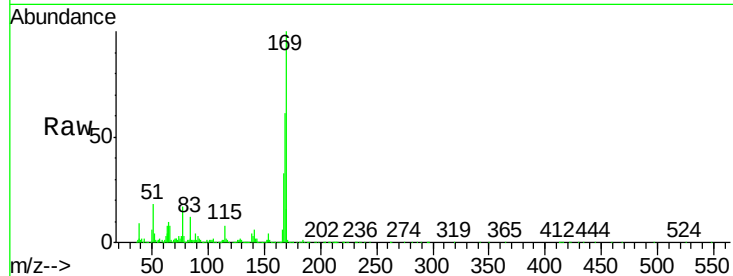
Tgt Ion:169 Resp: 833501

Ion Ratio Lower Upper

169 100

168 61.5 42.3 63.5

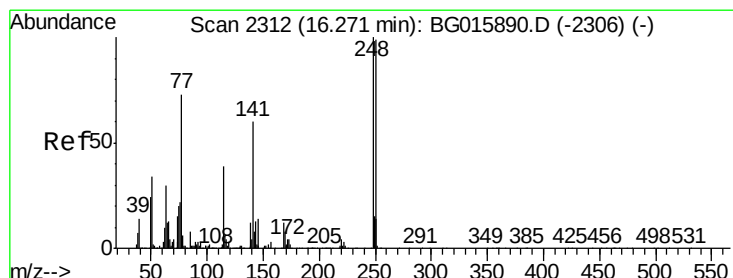
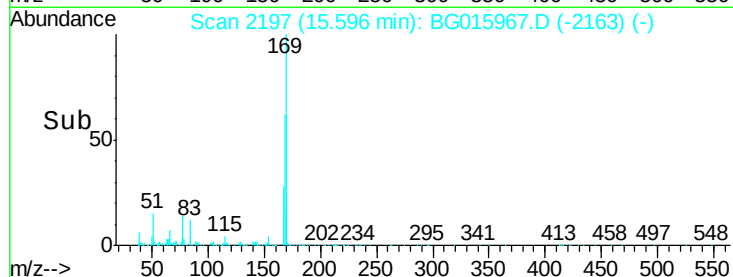
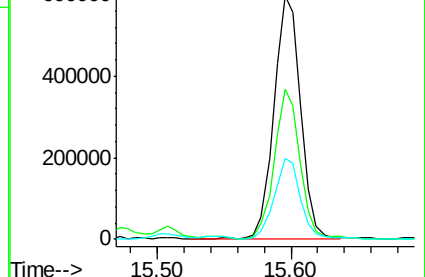
167 33.3 24.2 36.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.43 ng

RT: 16.27 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

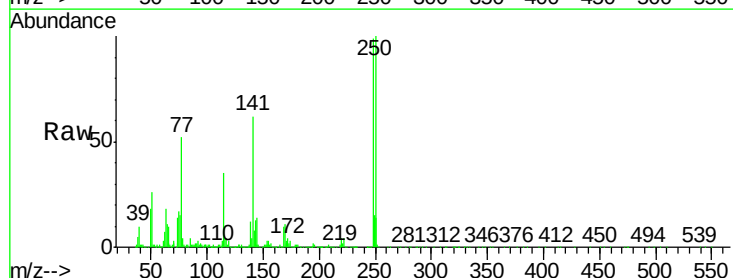
Tgt Ion:248 Resp: 460032

Ion Ratio Lower Upper

248 100

250 101.3 79.3 118.9

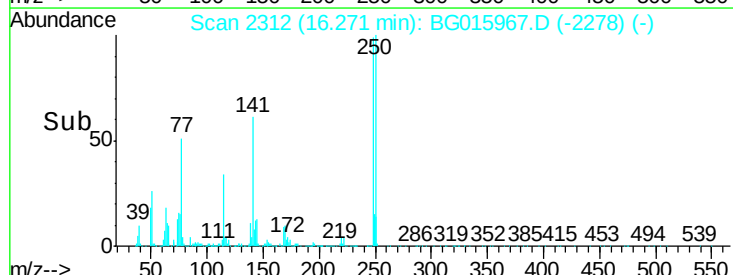
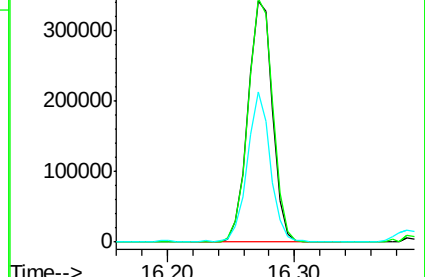
141 62.3 47.8 71.6

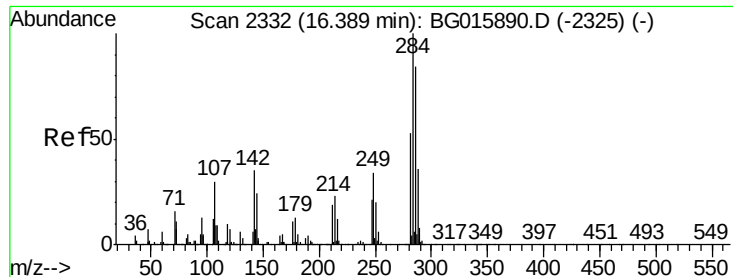


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.88 ng

RT: 16.39 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

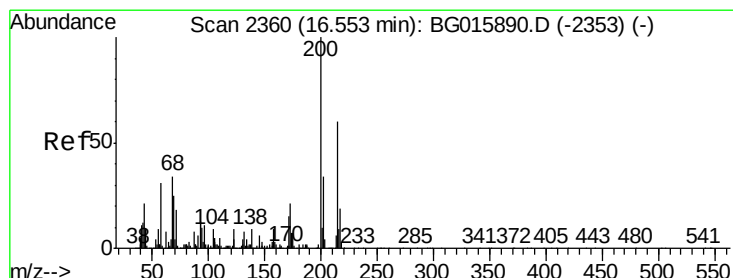
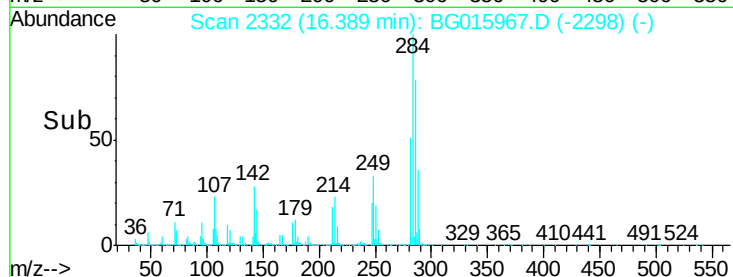
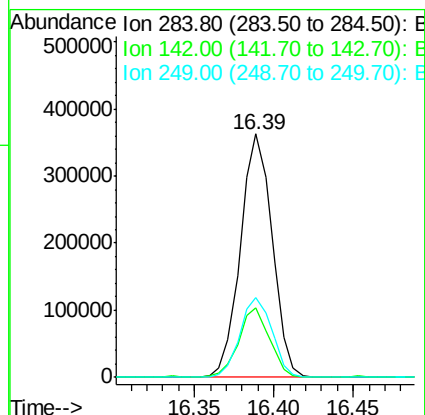
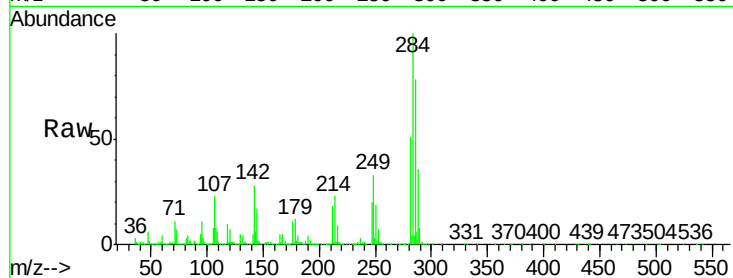
Instrument :

BNA_G

ClientSampleId :

121B4MS

Tgt Ion:	284	Resp:	503885
Ion Ratio	Lower	Upper	
284	100		
142	28.4	27.8	41.6
249	35.8	29.3	43.9



#68

Atrazine

Concen: 33.06 ng

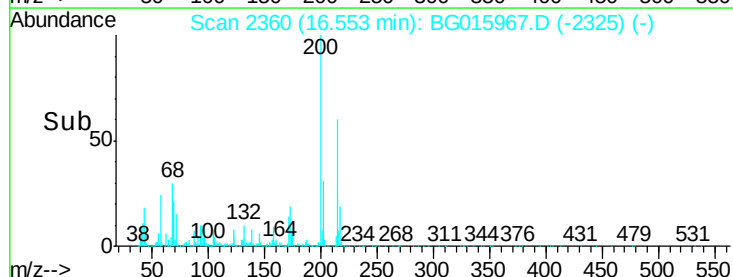
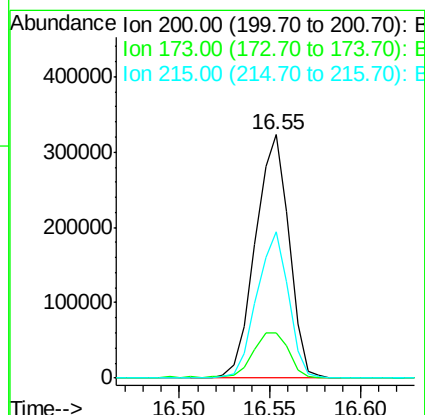
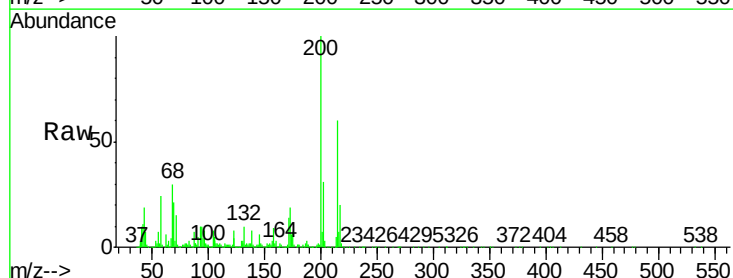
RT: 16.55 min Scan# 2360

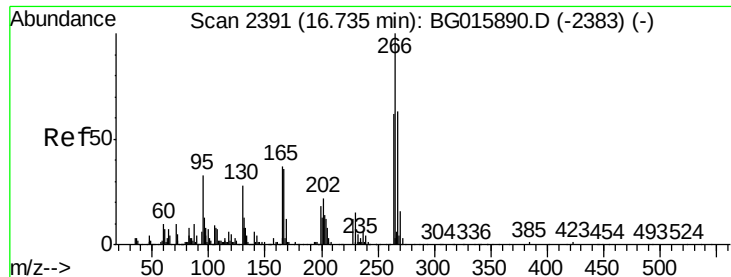
Delta R.T. 0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Tgt Ion:	200	Resp:	415487
Ion Ratio	Lower	Upper	
200	100		
173	18.6	0.8	40.8
215	60.4	40.0	80.0

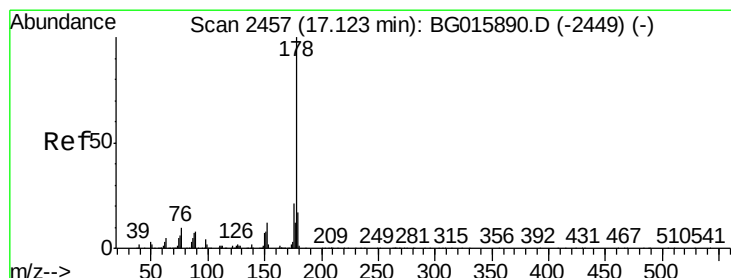
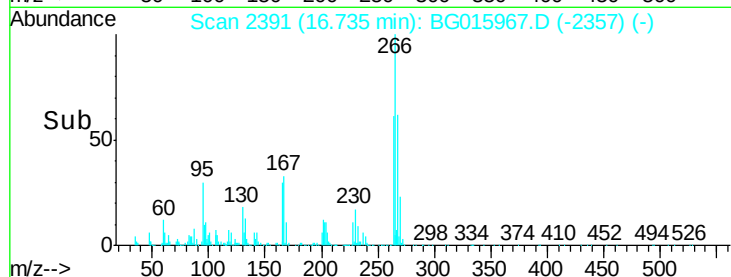
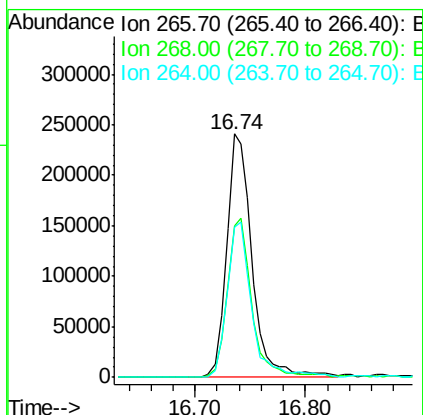
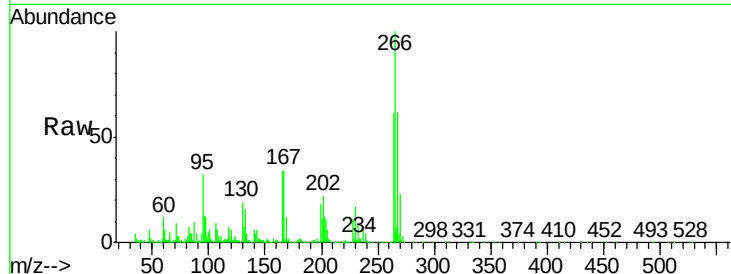




#69
 Pentachlorophenol
 Concen: 54.82 ng
 RT: 16.74 min Scan# 2391
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

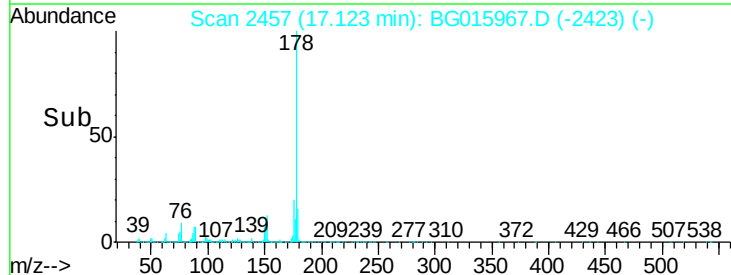
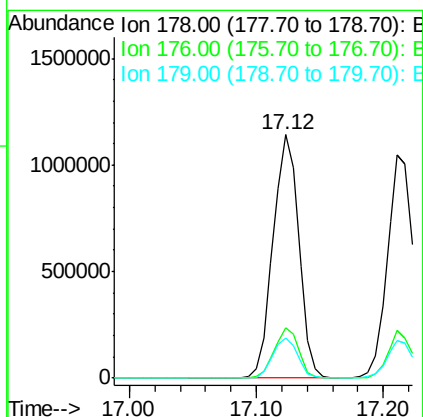
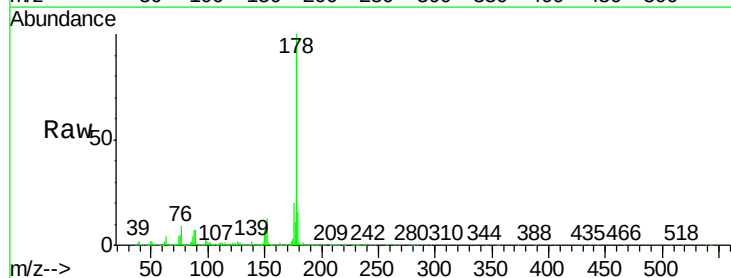
Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

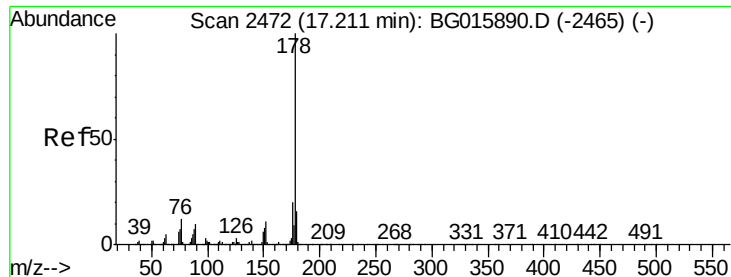
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	53.5	80.3
264	66.9	51.9	77.9



#70
 Phenanthrene
 Concen: 34.98 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.9	25.3
179	16.5	13.3	19.9

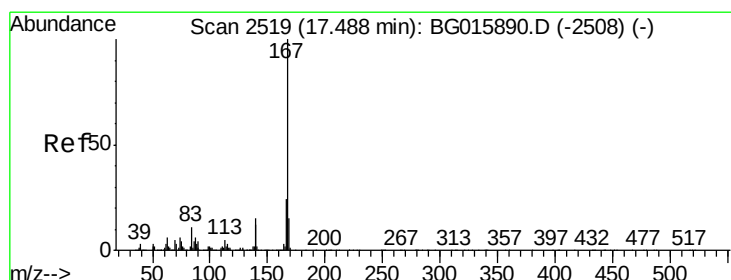
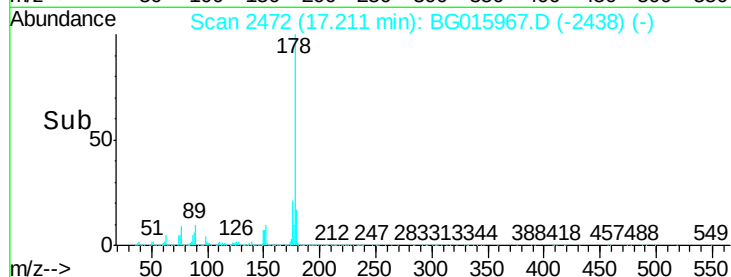
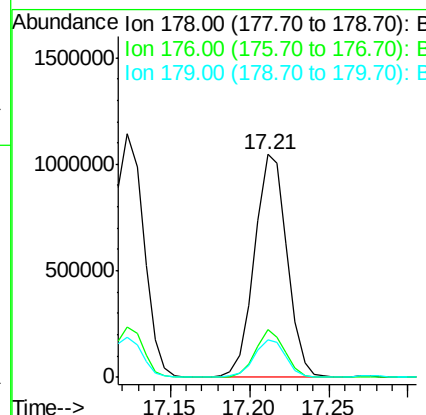
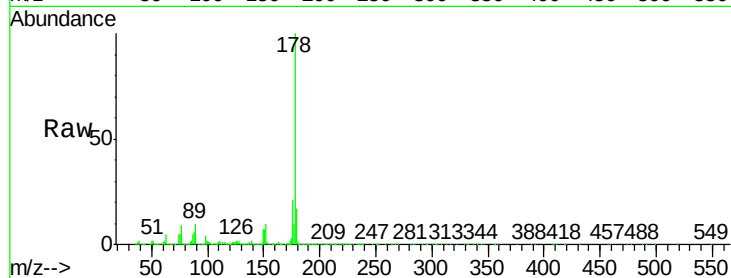




#71
 Anthracene
 Concen: 33.07 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

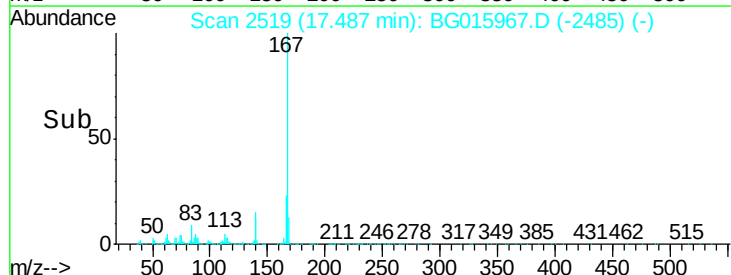
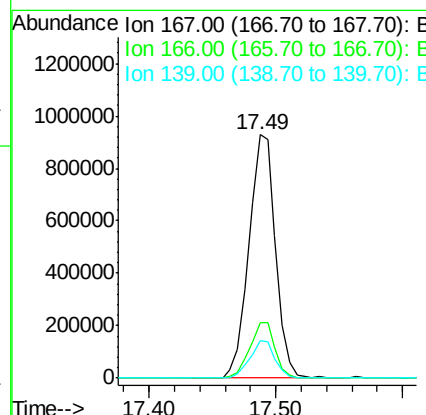
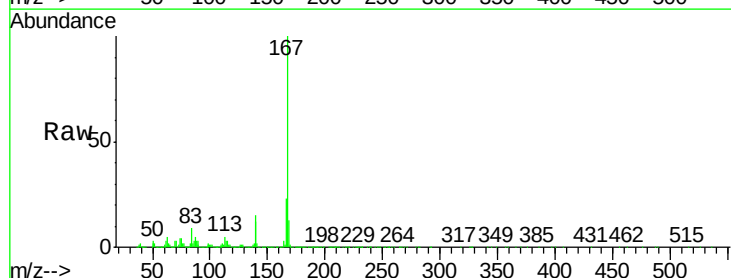
Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

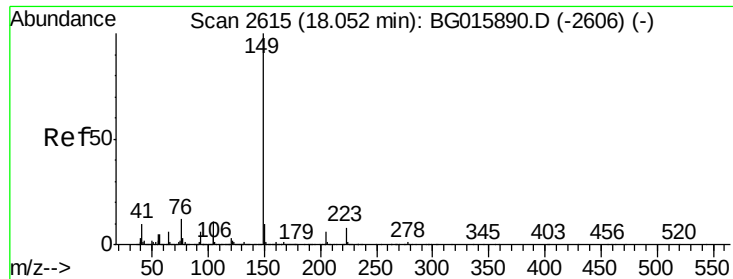
Tgt Ion:178 Resp: 1489779
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.7 23.5
 179 16.9 12.7 19.1



#72
 Carbazole
 Concen: 34.01 ng
 RT: 17.49 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion:167 Resp: 1350560
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.4 29.2
 139 15.3 12.2 18.2





#73

Di-n-butylphthalate

Concen: 33.11 ng

RT: 18.05 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

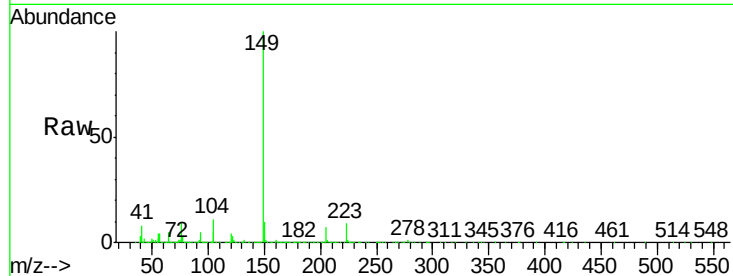
Tgt Ion:149 Resp: 1513143

Ion Ratio Lower Upper

149 100

150 10.5 8.2 12.4

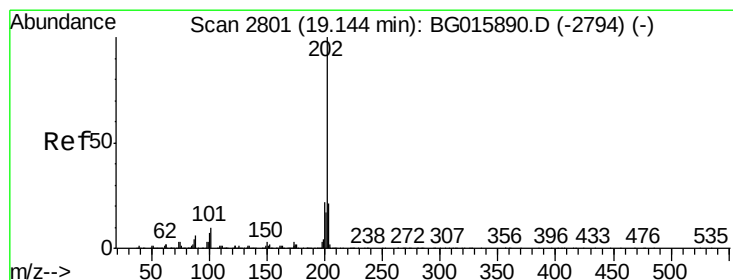
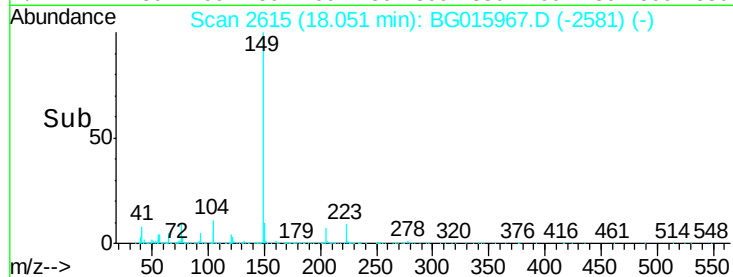
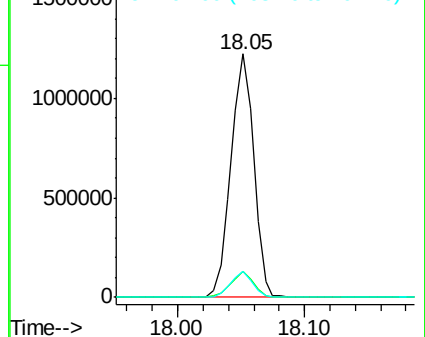
104 10.8 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.56 ng

RT: 19.14 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

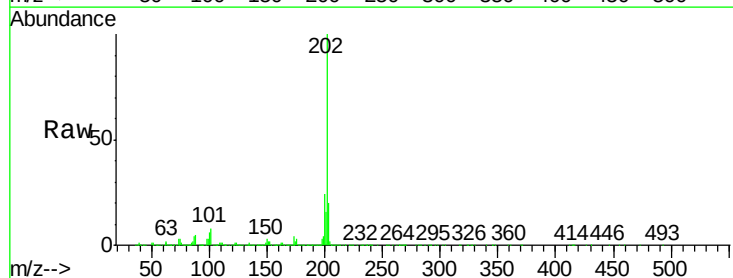
Tgt Ion:202 Resp: 1934740

Ion Ratio Lower Upper

202 100

101 7.6 0.0 29.5

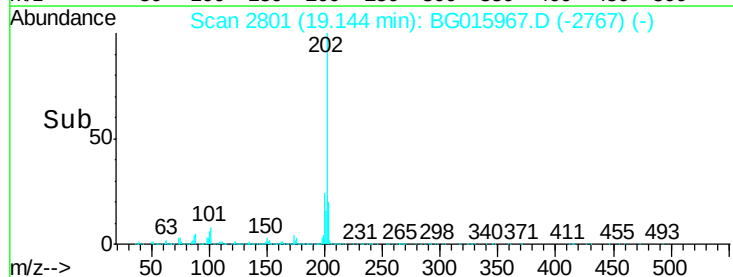
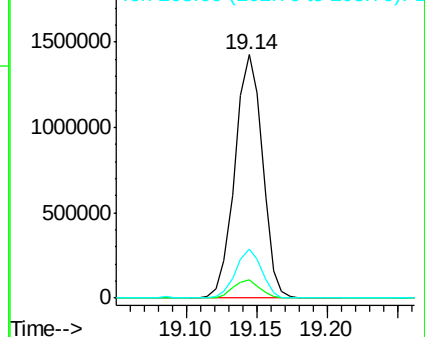
203 19.9 0.9 40.9

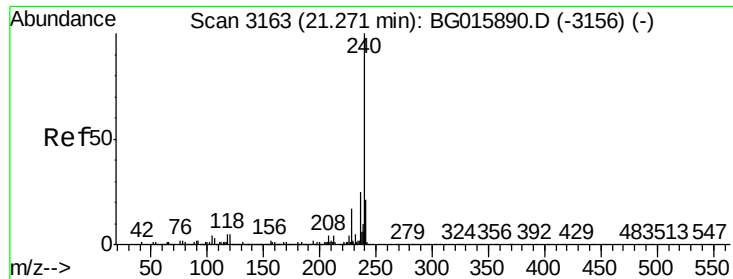


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

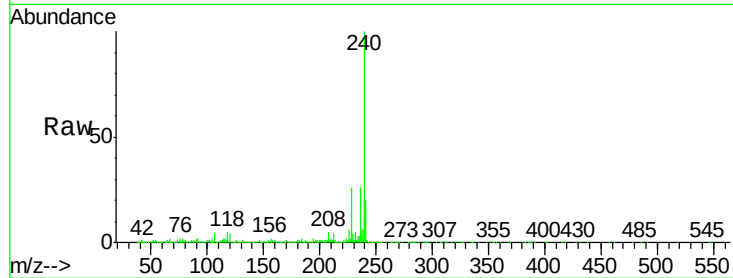
Tgt Ion:240 Resp: 1320625

Ion Ratio Lower Upper

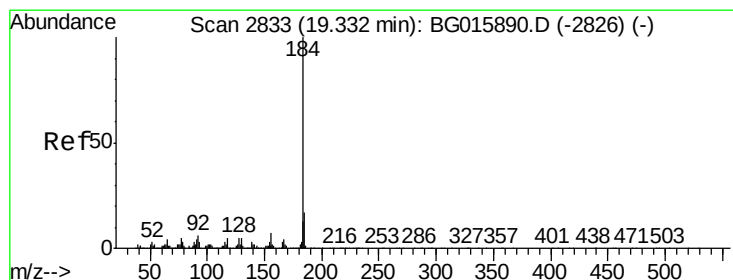
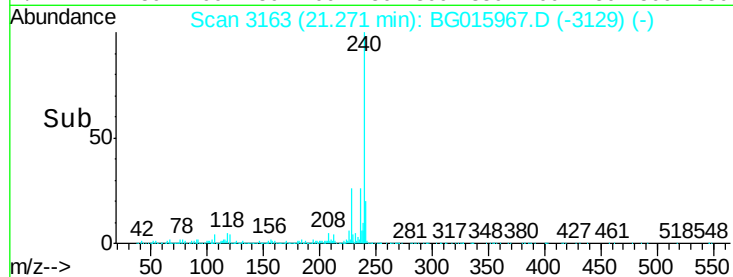
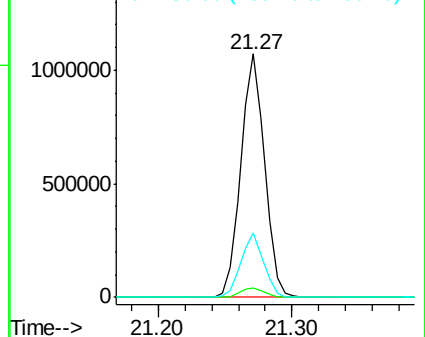
240 100

120 4.0 3.9 5.9

236 26.4 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.79 ng

RT: 19.33 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

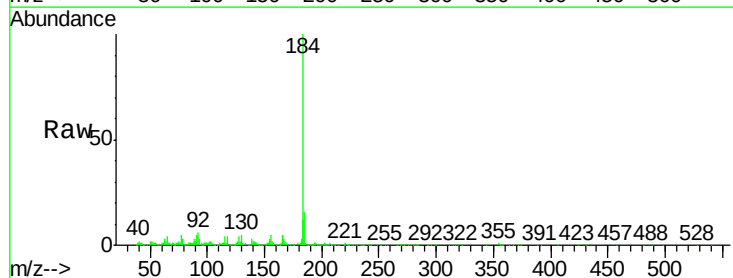
Tgt Ion:184 Resp: 400879

Ion Ratio Lower Upper

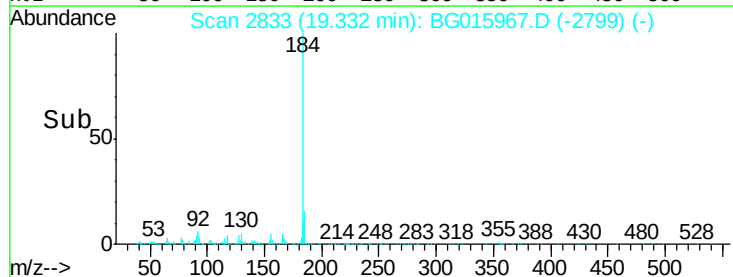
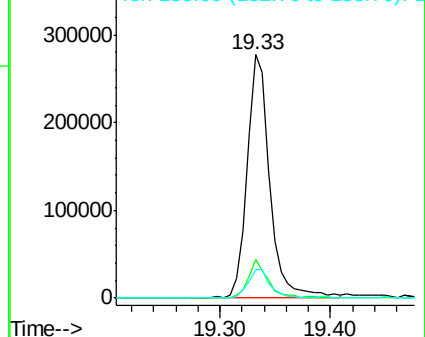
184 100

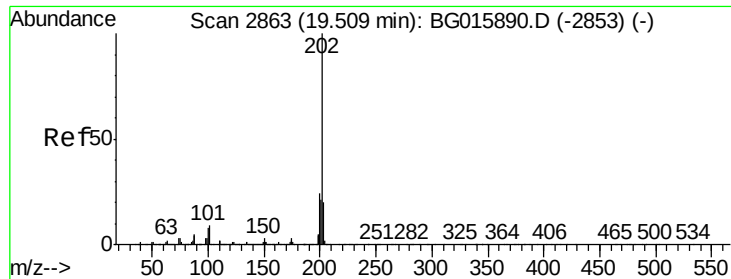
185 15.9 13.3 19.9

183 11.7 10.1 15.1



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

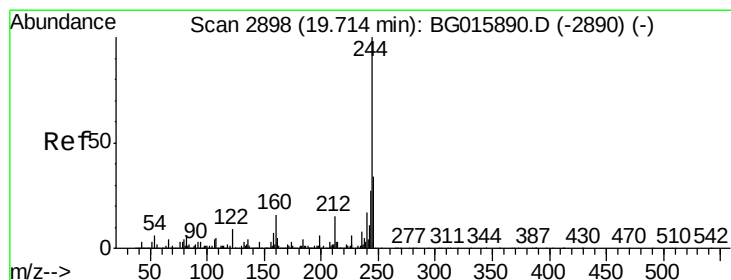
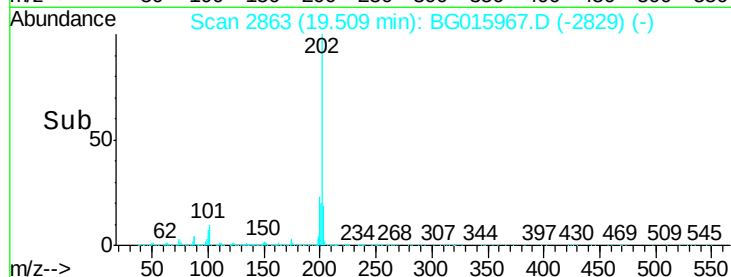
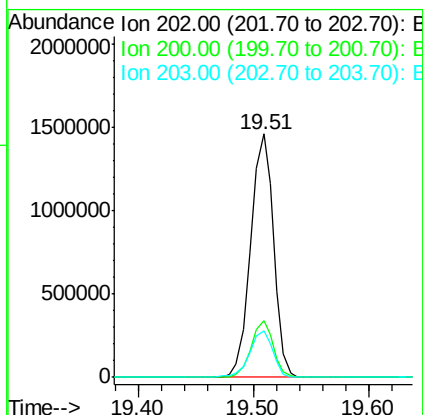
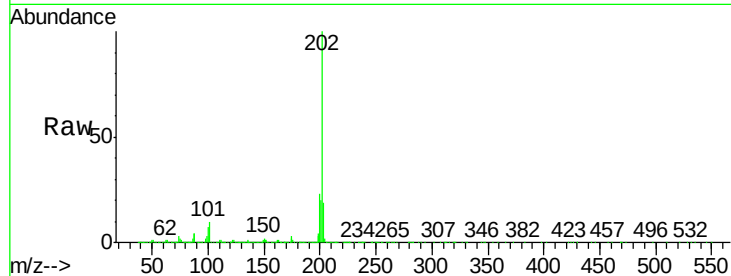




#77
 Pyrene
 Concen: 32.10 ng
 RT: 19.51 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

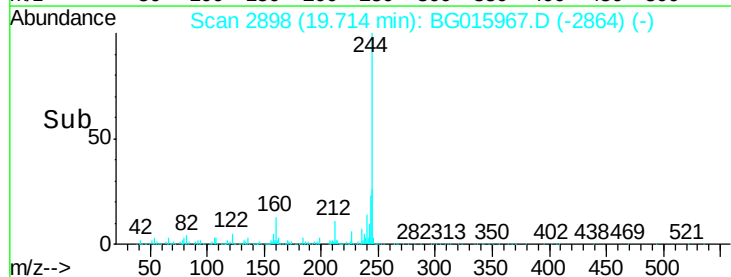
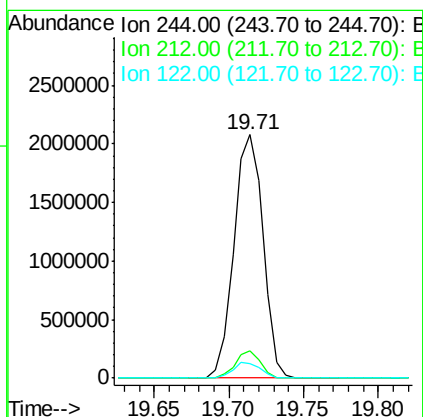
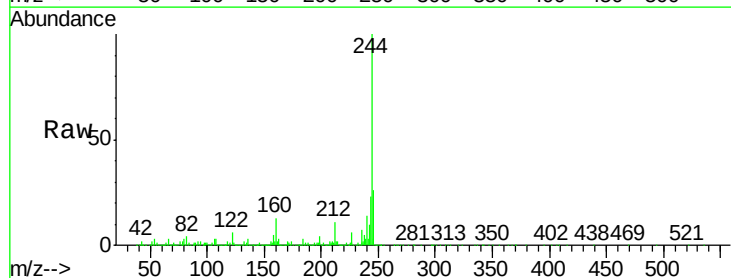
Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

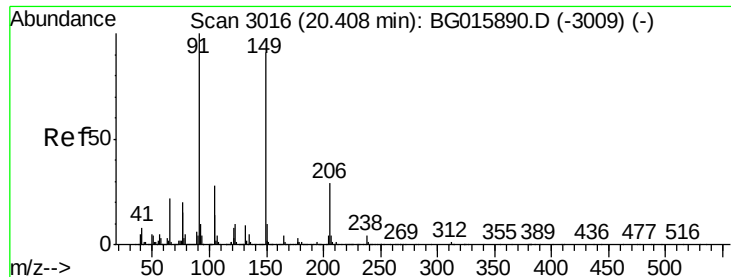
Tgt Ion: 202 Resp: 2014570
 Ion Ratio Lower Upper
 202 100
 200 23.4 19.3 28.9
 203 19.2 15.9 23.9



#78
 Terphenyl-d14
 Concen: 53.30 ng
 RT: 19.71 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion: 244 Resp: 2820084
 Ion Ratio Lower Upper
 244 100
 212 11.2 11.6 17.4#
 122 6.0 7.0 10.4#





#79

Butylbenzylphthalate

Concen: 31.46 ng

RT: 20.41 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

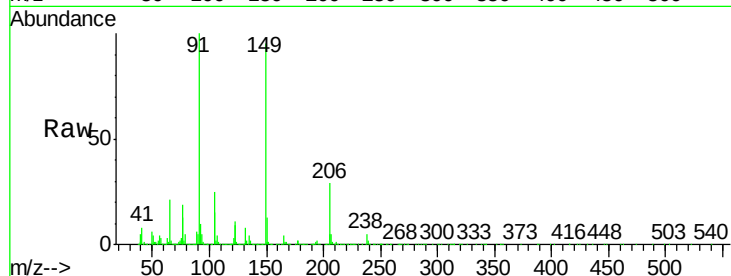
Tgt Ion:149 Resp: 723916

Ion Ratio Lower Upper

149 100

91 104.7 88.4 132.6

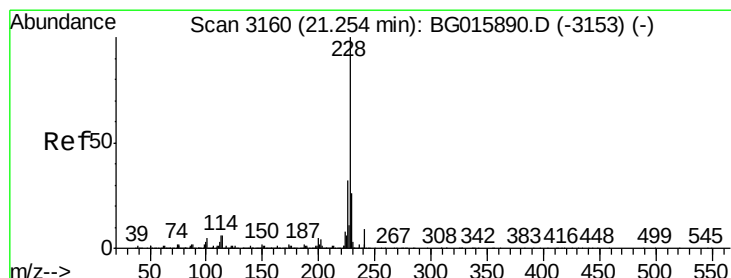
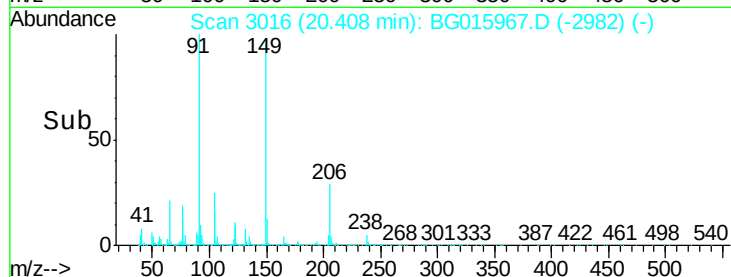
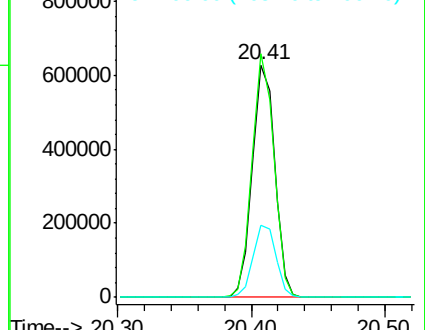
206 30.8 25.3 37.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG015890.D (-3009) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.88 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

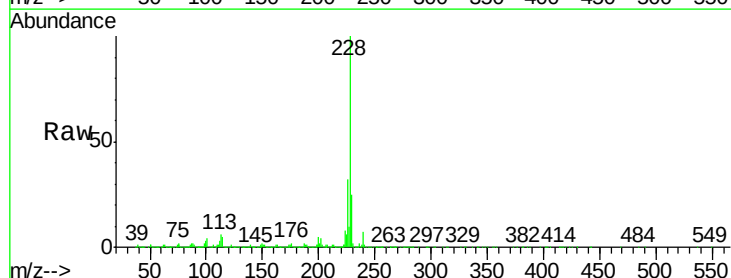
Tgt Ion:228 Resp: 2301702

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

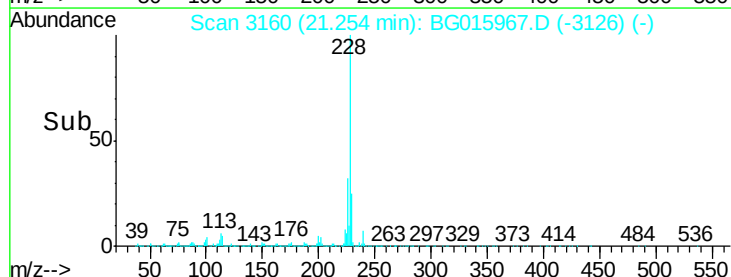
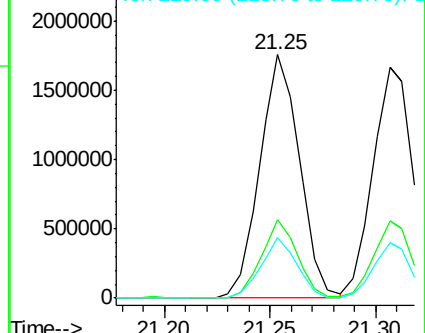
229 24.7 21.2 31.8

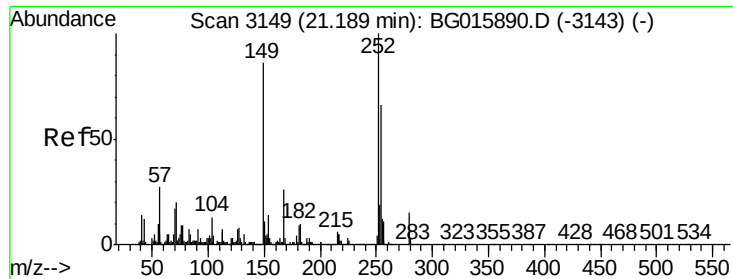


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

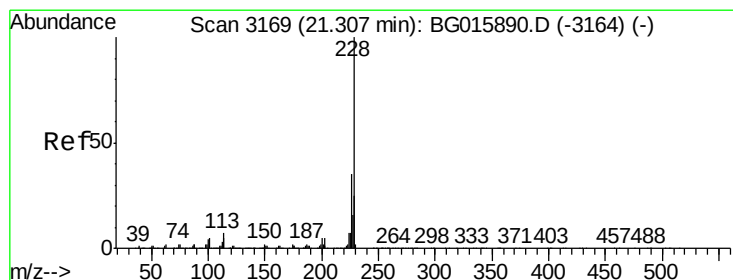
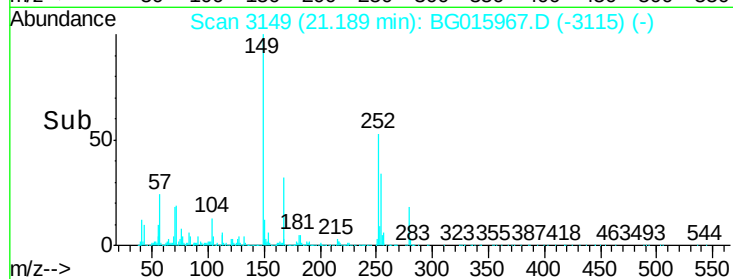
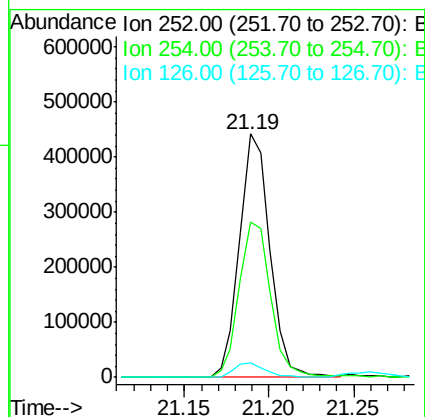
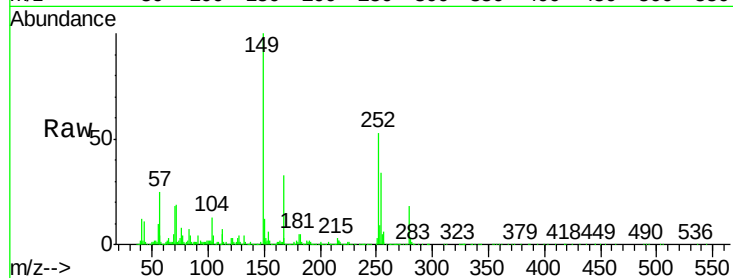




#81
 3,3'-Dichlorobenzidine
 Concen: 18.92 ng
 RT: 21.19 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

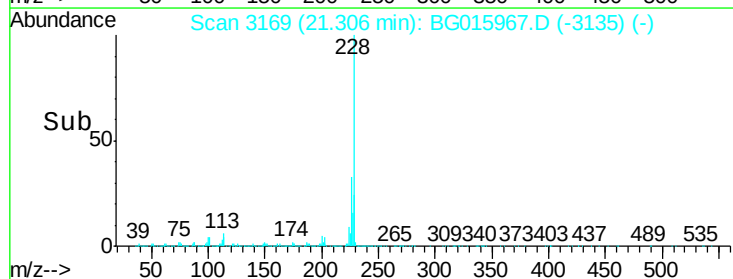
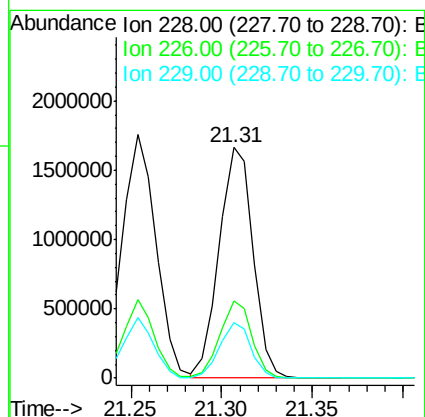
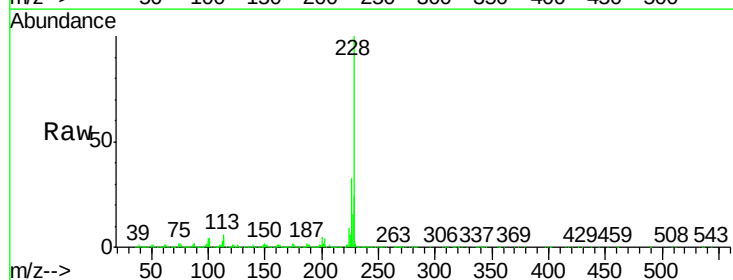
Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

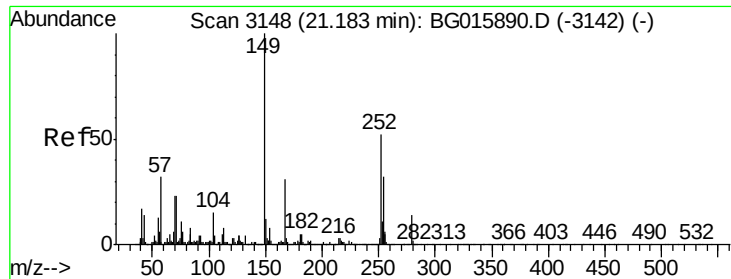
Tgt Ion:252 Resp: 558349
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.9 79.3
 126 5.8 5.8 8.6



#82
 Chrysene
 Concen: 31.49 ng
 RT: 21.31 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion:228 Resp: 2160635
 Ion Ratio Lower Upper
 228 100
 226 33.5 28.1 42.1
 229 24.2 19.8 29.6

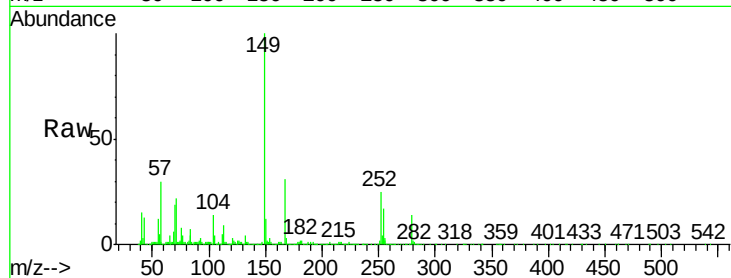




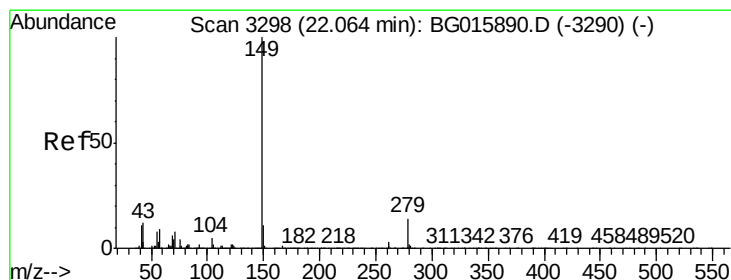
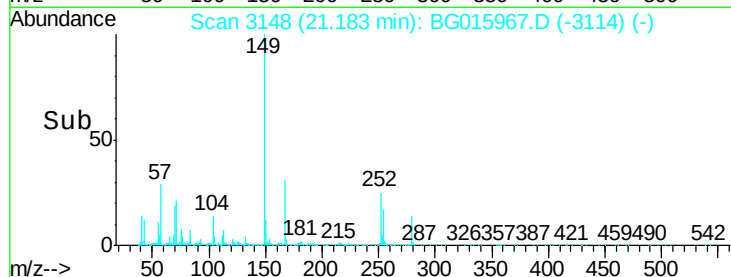
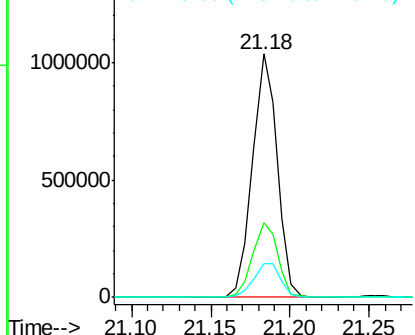
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.36 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Instrument :
 BNA_G
 ClientSampleId :
 121B4MS

Tgt Ion:149 Resp: 1124939
 Ion Ratio Lower Upper
 149 100
 167 30.7 25.1 37.7
 279 13.8 11.2 16.8

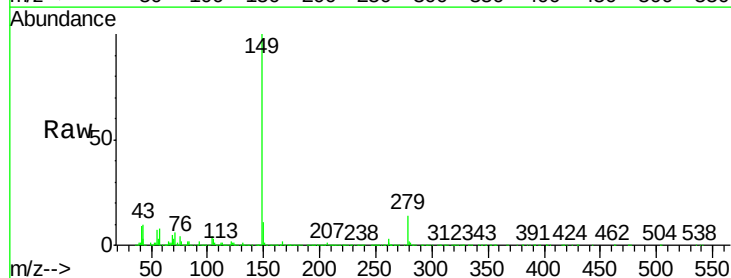


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

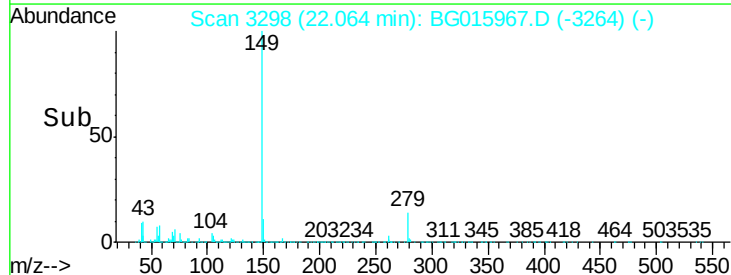
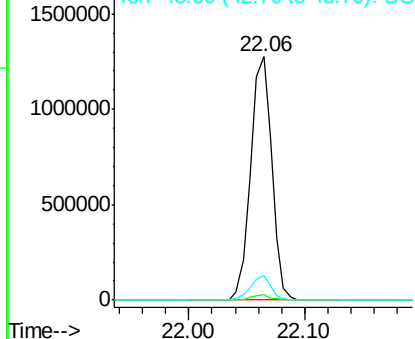


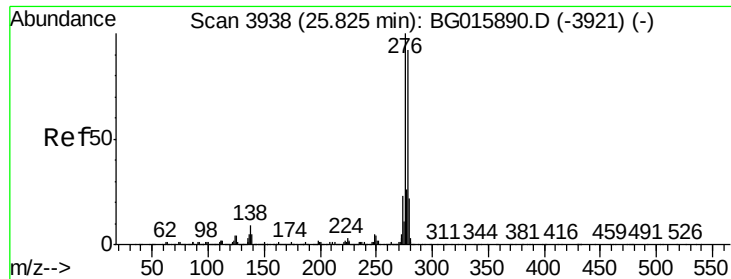
#84
 Di-n-octyl phthalate
 Concen: 34.03 ng
 RT: 22.06 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: BG015967.D
 Acq: 28 Jan 2015 4:19

Tgt Ion:149 Resp: 1628715
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 9.7 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.95 ng

RT: 25.83 min Scan# 3939

Delta R.T. 0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

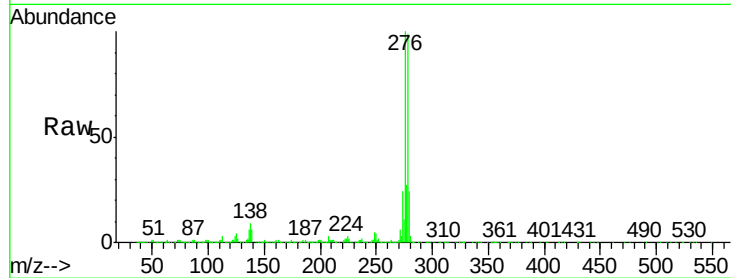
Tgt Ion:276 Resp: 2783862

Ion Ratio Lower Upper

276 100

138 4.5 6.9 10.3#

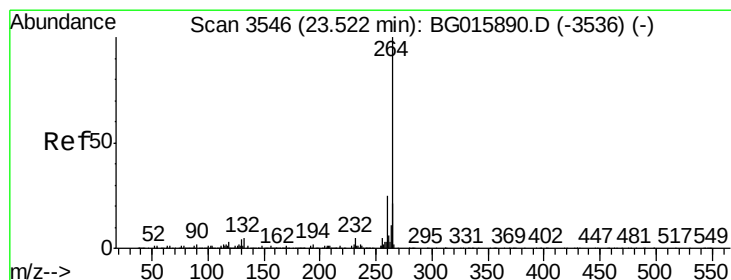
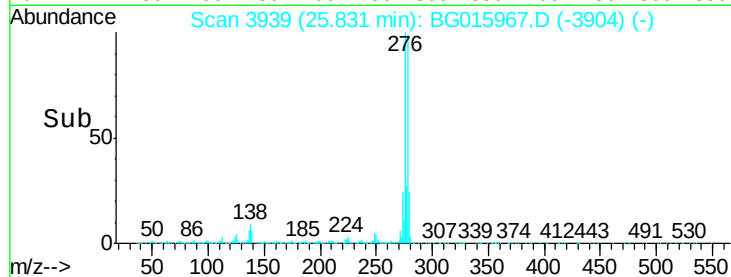
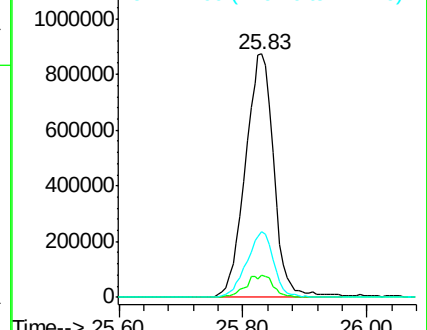
277 25.8 20.7 31.1



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.53 min Scan# 3547

Delta R.T. 0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

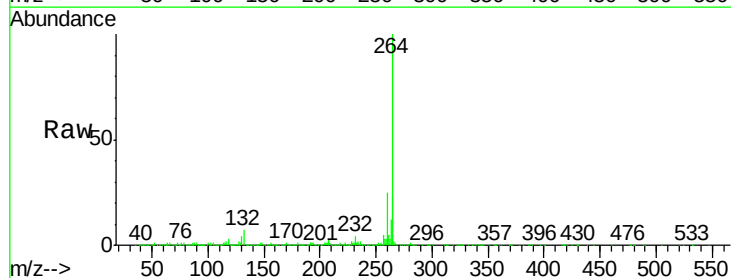
Tgt Ion:264 Resp: 1307657

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

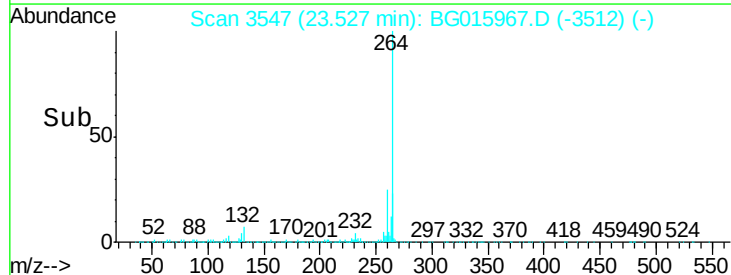
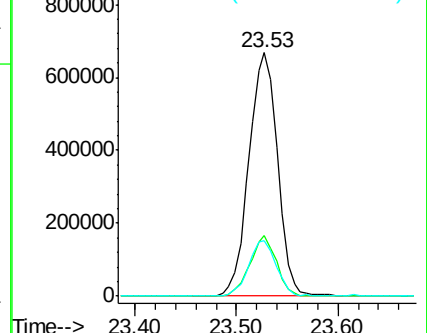
265 22.8 17.3 25.9

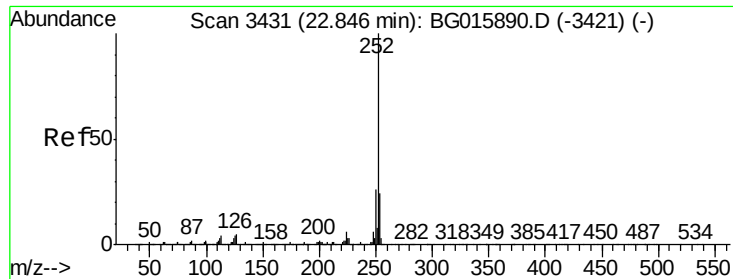


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.87 ng

RT: 22.85 min Scan# 3431

Delta R.T. -0.00 min

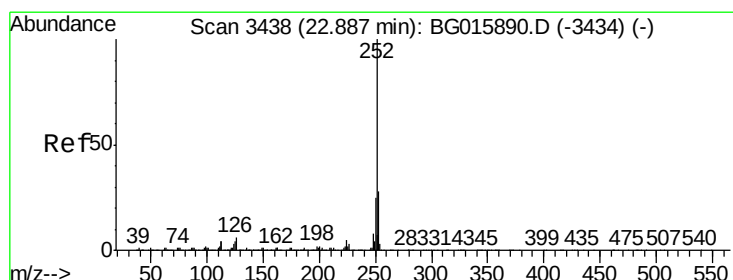
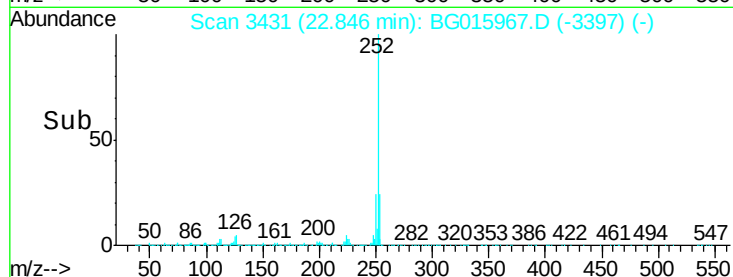
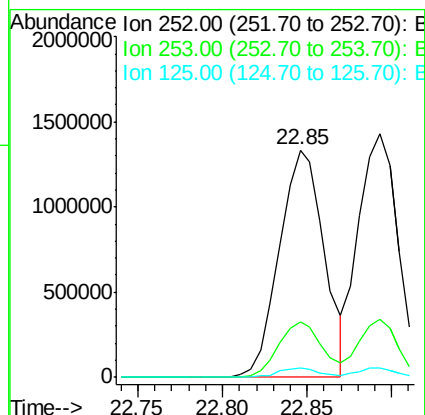
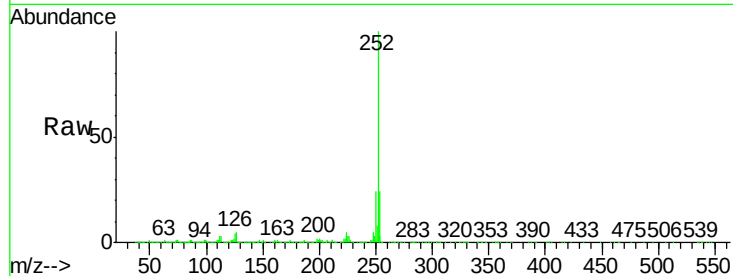
Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :
BNA_G
ClientSampleId :
121B4MS

Tgt Ion:252 Resp: 2453208

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.0
125	4.1	2.9	4.3



#88

Benzo(k)fluoranthene

Concen: 32.35 ng

RT: 22.89 min Scan# 3439

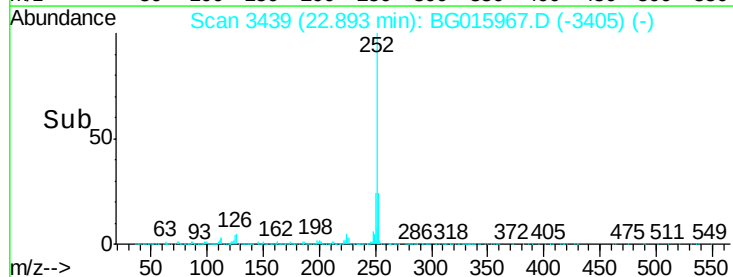
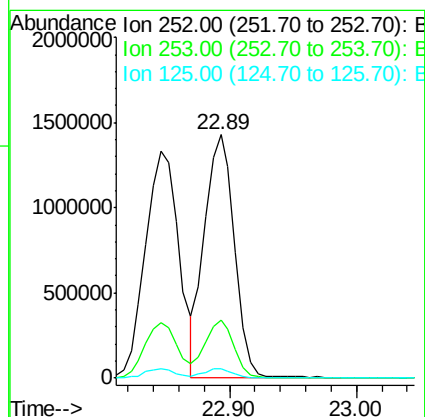
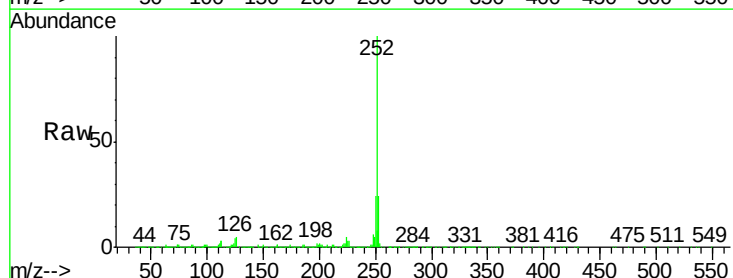
Delta R.T. -0.00 min

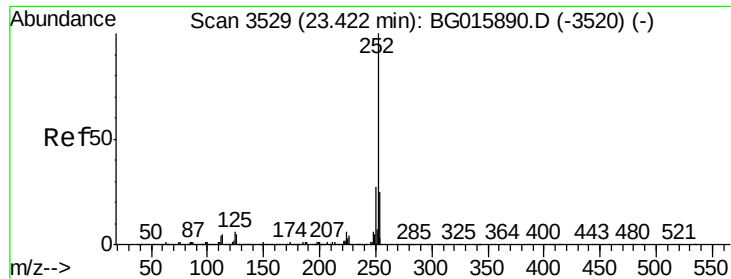
Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Tgt Ion:252 Resp: 2337473

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.3	31.9
125	3.6	3.4	5.0





#89

Benzo(a)pyrene

Concen: 32.35 ng

RT: 23.43 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

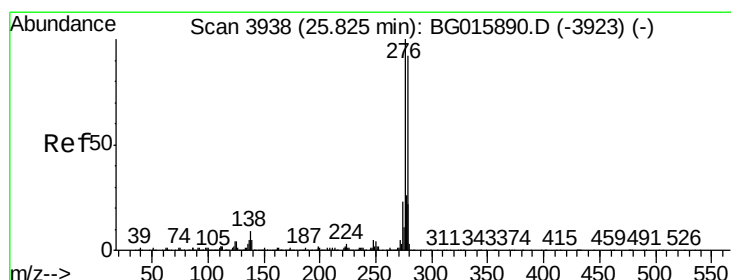
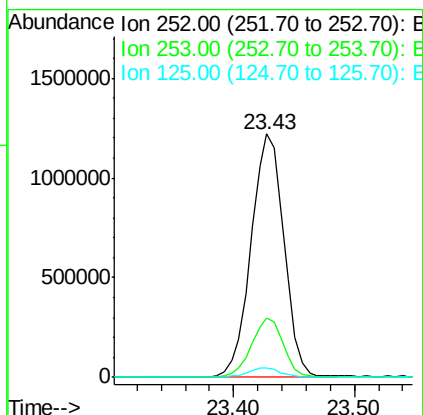
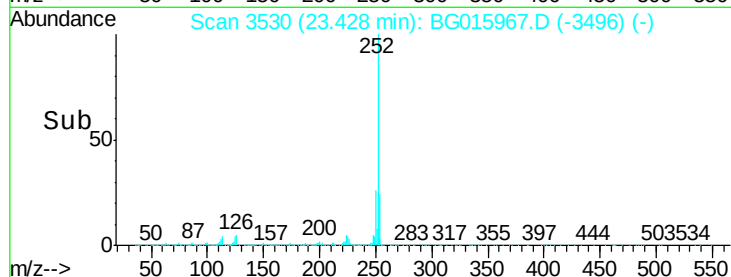
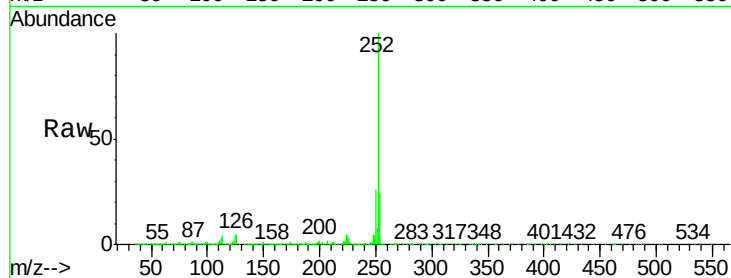
Tgt Ion:252 Resp: 2323154

Ion Ratio Lower Upper

252 100

253 24.2 19.9 29.9

125 3.6 4.5 6.7#



#90

Dibenzo(a,h)anthracene

Concen: 35.06 ng

RT: 25.84 min Scan# 3940

Delta R.T. -0.00 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

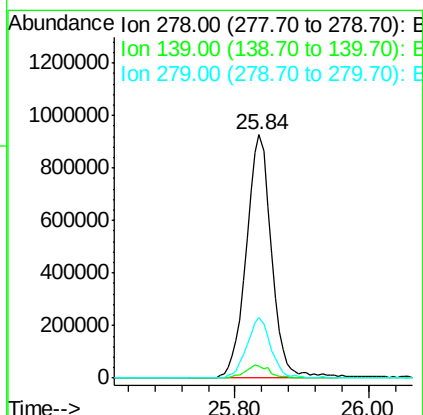
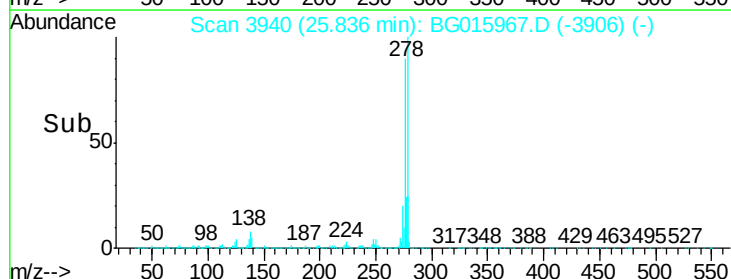
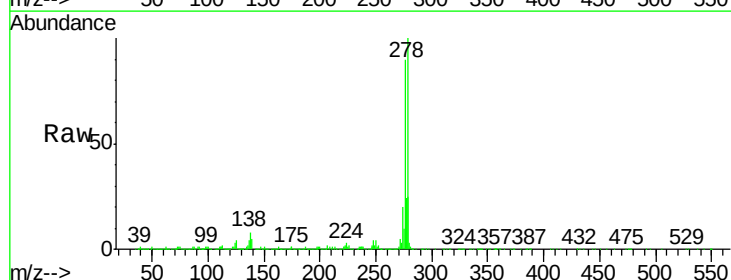
Tgt Ion:278 Resp: 2390285

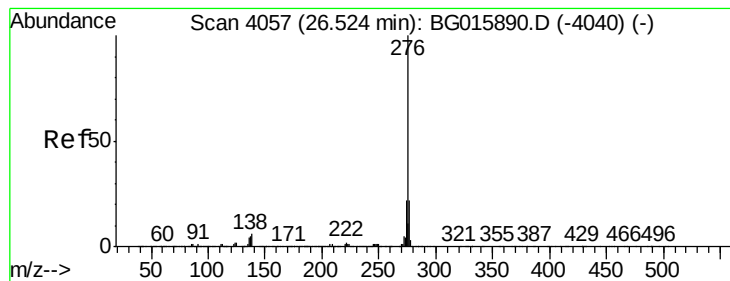
Ion Ratio Lower Upper

278 100

139 5.0 4.3 6.5

279 25.1 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 34.77 ng

RT: 26.54 min Scan# 4059

Delta R.T. 0.01 min

Lab File: BG015967.D

Acq: 28 Jan 2015 4:19

Instrument :

BNA_G

ClientSampleId :

121B4MS

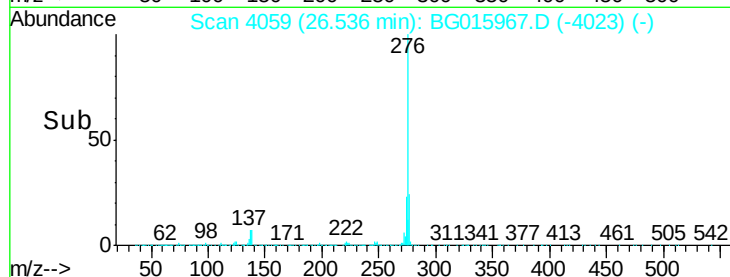
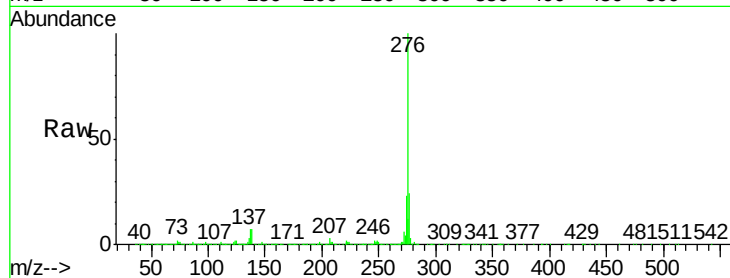
Tgt Ion:276 Resp: 2312595

Ion Ratio Lower Upper

276 100

277 24.0 17.2 25.8

138 7.1 5.0 7.6



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

