

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
 Data File : BG016749.D
 Acq On : 28 Apr 2015 2:51
 Operator : TP/IZ
 Sample : G1942-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Quant Time: Apr 28 05:36:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 01:49:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	65616	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	297908	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	175935	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	361021	20.00	ng	0.00
75) Chrysene-d12	21.16	240	331859	20.00	ng	0.00
86) Perylene-d12	23.36	264	319437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	375644	92.90	ng	0.00
7) Phenol-d6	6.78	99	525858	92.70	ng	0.00
23) Nitrobenzene-d5	8.73	82	263620	55.92	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	130134	99.71	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	617574	56.40	ng	0.00
78) Terphenyl-d14	19.61	244	785013	54.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	41769	23.85	ng	94
3) Pyridine	3.42	79	105729	21.26	ng	99
4) n-Nitrosodimethylamine	3.35	42	38859	26.48	ng	91
6) Aniline	6.91	93	108497	13.95	ng	98
8) 2-Chlorophenol	7.14	128	158209	31.66	ng	99
9) Benzaldehyde	6.71	77	16064	6.93	ng	93
10) Phenol	6.80	94	187469	31.35	ng	99
11) bis(2-Chloroethyl)ether	7.01	93	129844	27.82	ng	98
12) 1,3-Dichlorobenzene	7.46	146	144882	28.03	ng	100
13) 1,4-Dichlorobenzene	7.60	146	146752	27.78	ng	100
14) 1,2-Dichlorobenzene	7.92	146	145704	28.89	ng	98
15) Benzyl Alcohol	7.82	79	104669	29.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.11	45	119990	27.47	ng	97
17) 2-Methylphenol	8.04	107	127860	31.98	ng	97
18) Hexachloroethane	8.64	117	52354	28.11	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	94960	26.85	ng	98
20) 3+4-Methylphenols	8.37	107	174496	31.04	ng	97
22) Acetophenone	8.40	105	195936	29.97	ng	# 98
24) Nitrobenzene	8.77	77	135794	27.43	ng	97
25) Isophorone	9.29	82	271538	27.79	ng	99
26) 2-Nitrophenol	9.48	139	87638	30.51	ng	96
27) 2,4-Dimethylphenol	9.56	122	147208	30.68	ng	96
28) bis(2-Chloroethoxy)methane	9.78	93	168280	28.54	ng	97
29) 2,4-Dichlorophenol	10.02	162	141927	34.80	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	129433	29.95	ng	100
31) Naphthalene	10.41	128	451490	28.74	ng	99
32) Benzoic acid	9.70	122	41897	21.99	ng	94
33) 4-Chloroaniline	10.53	127	88891	12.28	ng	95
34) Hexachlorobutadiene	10.69	225	57071	29.56	ng	96
35) Caprolactam	11.30	113	50681	23.05	ng	93
36) 4-Chloro-3-methylphenol	11.68	107	151150	31.88	ng	99
37) 2-Methylnaphthalene	12.03	142	331656	29.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	125298	29.90	ng	99
40) Hexachlorocyclopentadiene	12.38	237	50799	35.71	ng	100

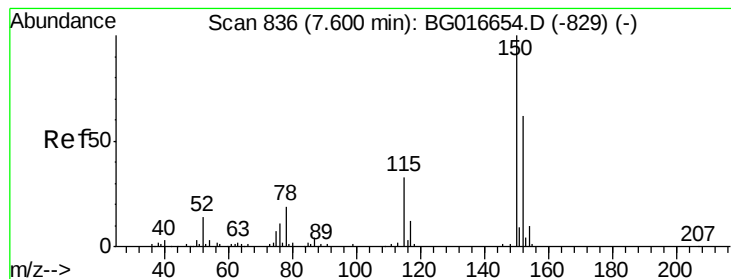
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
 Data File : BG016749.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	100811	32.92	ng	98
43) 2,4,5-Trichlorophenol	12.74	196	108454	33.46	ng	97
45) 1,1'-Biphenyl	13.05	154	404354	29.26	ng	99
46) 2-Chloronaphthalene	13.09	162	308376	29.03	ng	97
47) 2-Nitroaniline	13.32	65	82489	28.47	ng	92
48) Acenaphthylene	13.94	152	523766	28.16	ng	99
49) Dimethylphthalate	13.69	163	422311	32.09	ng	99
50) 2,6-Dinitrotoluene	13.82	165	96915	30.01	ng	98
51) Acenaphthene	14.29	154	321059	28.75	ng	99
52) 3-Nitroaniline	14.15	138	77443	19.84	ng	94
53) 2,4-Dinitrophenol	14.37	184	64286	40.74	ng	91
54) Dibenzofuran	14.63	168	472705	30.02	ng	98
55) 4-Nitrophenol	14.49	139	159900	54.67	ng	100
56) 2,4-Dinitrotoluene	14.61	165	134954	30.51	ng	99
57) Fluorene	15.28	166	407810	29.62	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.86	232	83370	34.00	ng	94
59) Diethylphthalate	15.06	149	397393	28.97	ng	100
60) 4-Chlorophenyl-phenylether	15.27	204	172425	29.99	ng	98
61) 4-Nitroaniline	15.31	138	109608	25.38	ng	98
62) Azobenzene	15.57	77	358188	28.59	ng	98
64) 4,6-Dinitro-2-methylphenol	15.38	198	63757	26.10	ng	90
65) n-Nitrosodiphenylamine	15.50	169	351650	28.41	ng	99
66) 4-Bromophenyl-phenylether	16.17	248	92710	30.73	ng	94
67) Hexachlorobenzene	16.28	284	96609	31.14	ng	96
68) Atrazine	16.45	200	117826	35.46	ng	98
69) Pentachlorophenol	16.64	266	96361	63.96	ng	98
70) Phenanthrene	17.01	178	627795	30.27	ng	99
71) Anthracene	17.11	178	598589	29.02	ng	99
72) Carbazole	17.38	167	608361	29.44	ng	99
73) Di-n-butylphthalate	17.94	149	710465	28.84	ng	100
74) Fluoranthene	19.03	202	730145	33.22	ng	98
76) Benzidine	19.23	184	155400	13.75	ng	97
77) Pyrene	19.40	202	730910	31.35	ng	99
79) Butylbenzylphthalate	20.30	149	337355	29.42	ng	96
80) Benzo(a)anthracene	21.14	228	627678	31.19	ng	100
81) 3,3'-Dichlorobenzidine	21.08	252	124097	18.92	ng	98
82) Chrysene	21.19	228	578991	30.01	ng	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	493183	31.61	ng	99
84) Di-n-octyl phthalate	21.94	149	820157	31.56	ng	99
85) Indeno(1,2,3-cd)pyrene	25.58	276	609062	28.97	ng	95
87) Benzo(b)fluoranthene	22.70	252	601029	30.98	ng	97
88) Benzo(k)fluoranthene	22.74	252	551169	29.11	ng	97
89) Benzo(a)pyrene	23.26	252	555712	30.39	ng	98
90) Dibenzo(a,h)anthracene	25.59	278	473891	26.65	ng	99
91) Benzo(g,h,i)perylene	26.27	276	517046	28.58	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

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SB-2MS

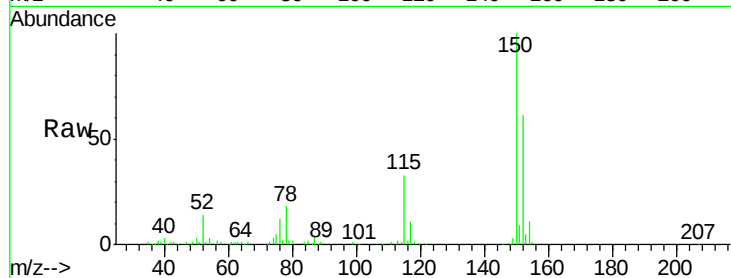
Tgt Ion:152 Resp: 65616

Ion Ratio Lower Upper

152 100

150 163.3 129.6 194.4

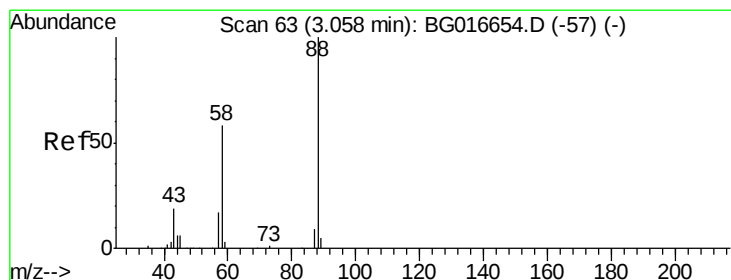
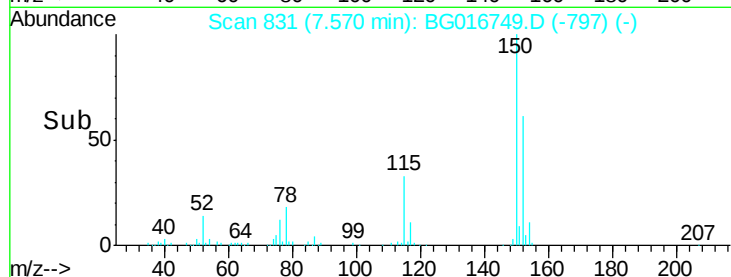
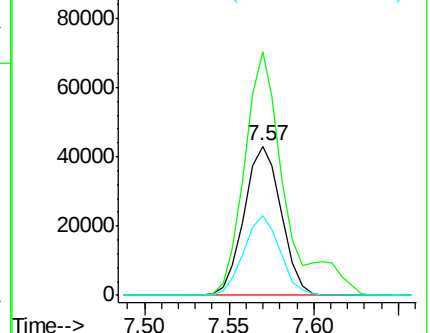
115 53.4 43.0 64.6



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: 23.85 ng

RT: 3.02 min Scan# 57

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

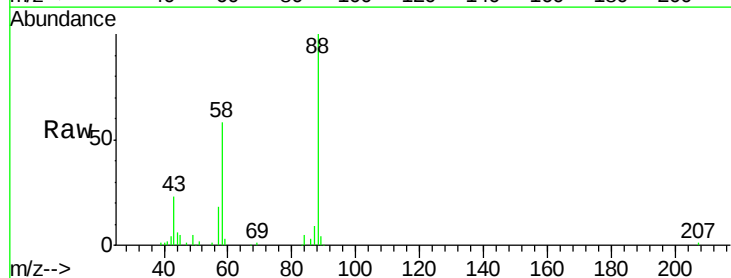
Tgt Ion: 88 Resp: 41769

Ion Ratio Lower Upper

88 100

58 52.7 46.8 70.2

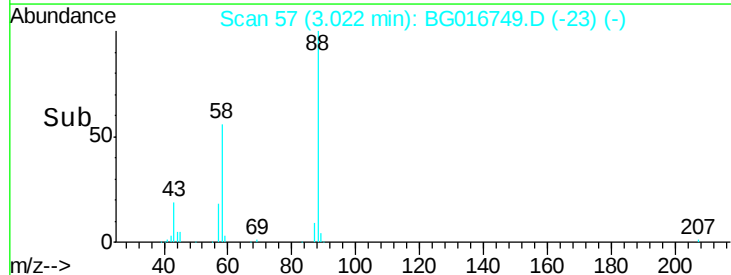
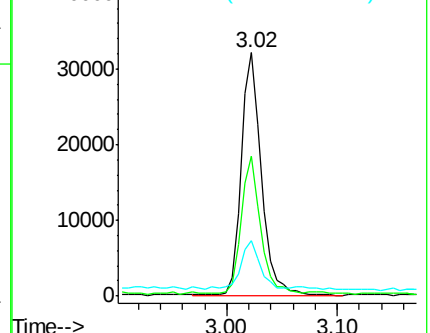
43 18.7 15.8 23.8

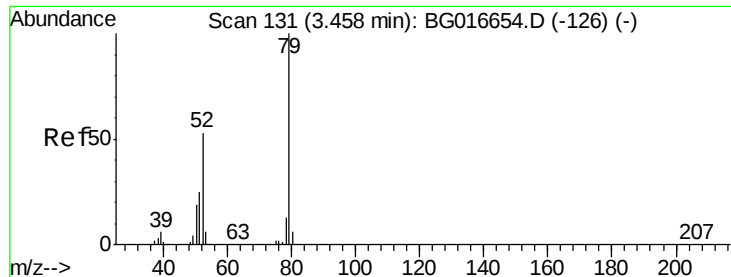


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 21.26 ng

RT: 3.42 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

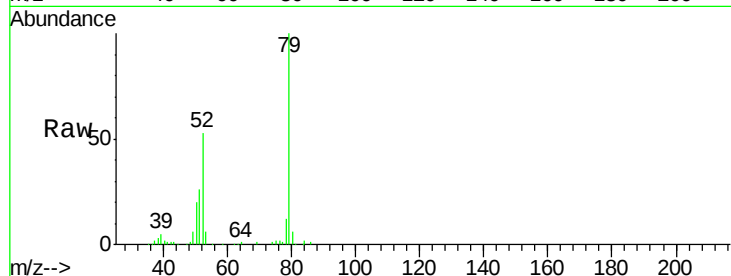
Tgt Ion: 79 Resp: 105729

Ion Ratio Lower Upper

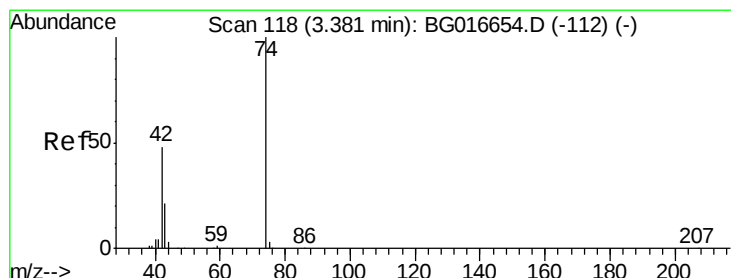
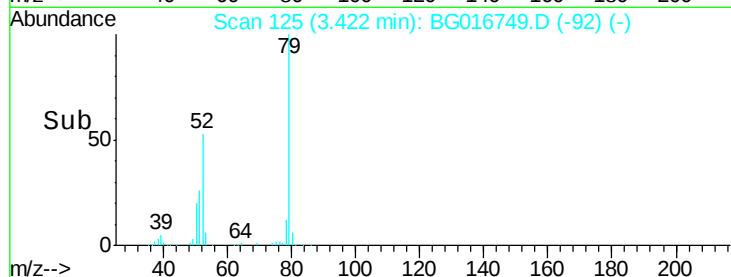
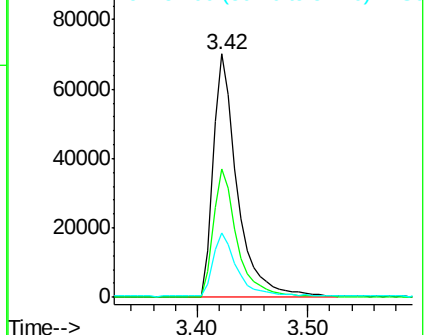
79 100

52 52.9 42.7 64.1

51 26.3 20.5 30.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 26.48 ng

RT: 3.35 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

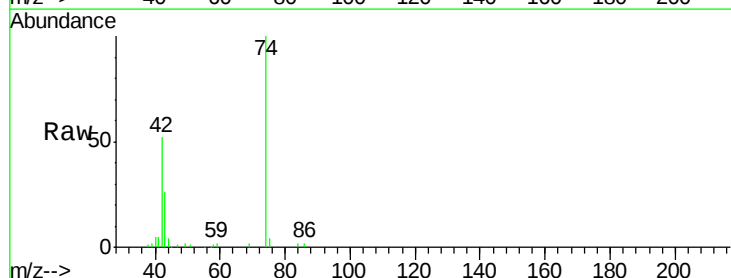
Tgt Ion: 42 Resp: 38859

Ion Ratio Lower Upper

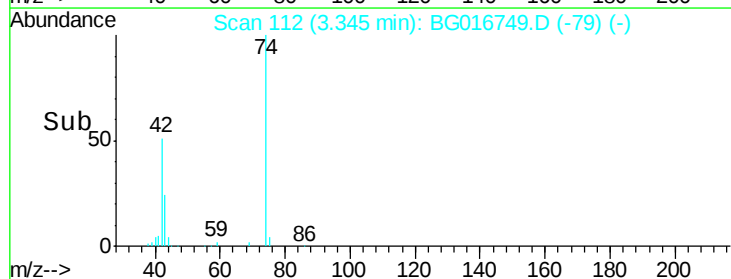
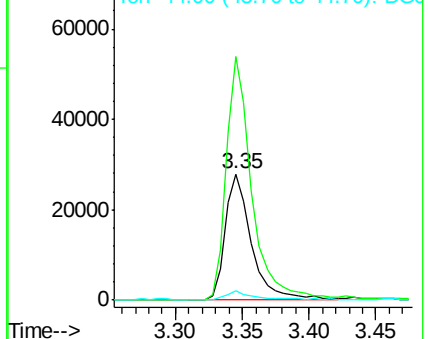
42 100

74 193.0 165.6 248.4

44 7.3 5.0 7.6



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





#5

2-Fluorophenol

Concen: 92.90 ng

RT: 5.17 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

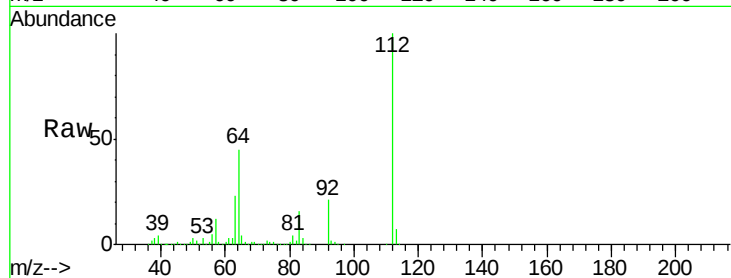
Tgt Ion: 112 Resp: 375644

Ion Ratio Lower Upper

112 100

64 45.2 38.3 57.5

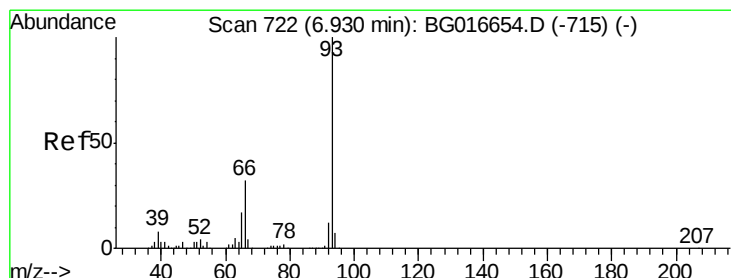
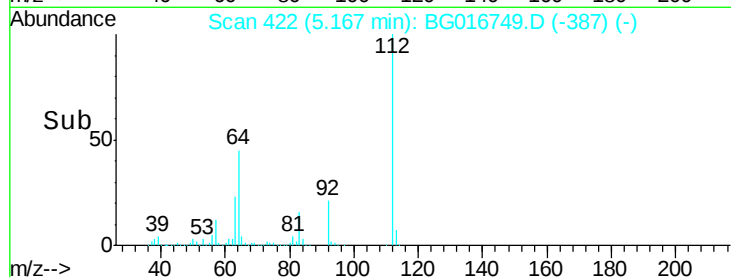
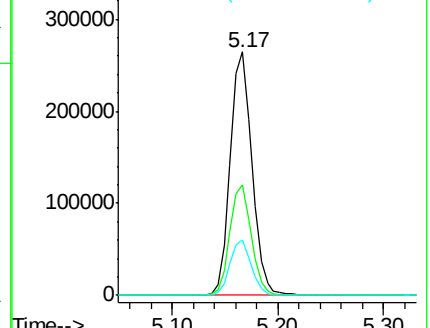
63 22.9 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.95 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

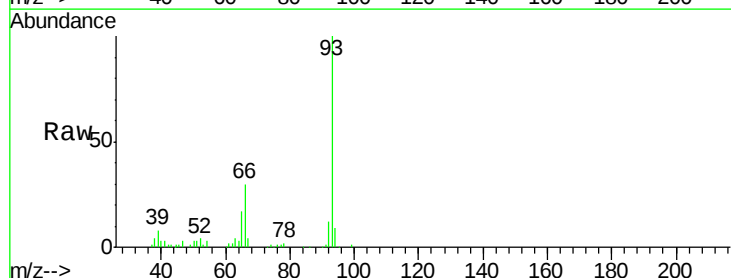
Tgt Ion: 93 Resp: 108497

Ion Ratio Lower Upper

93 100

66 30.3 25.4 38.2

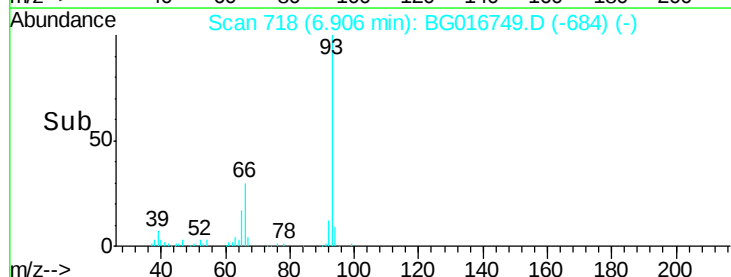
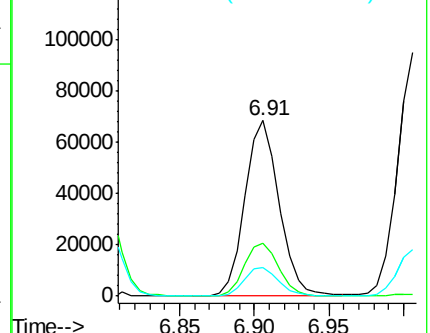
65 16.5 13.8 20.6

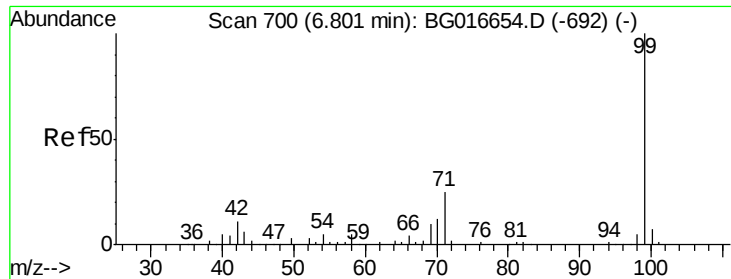


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.70 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

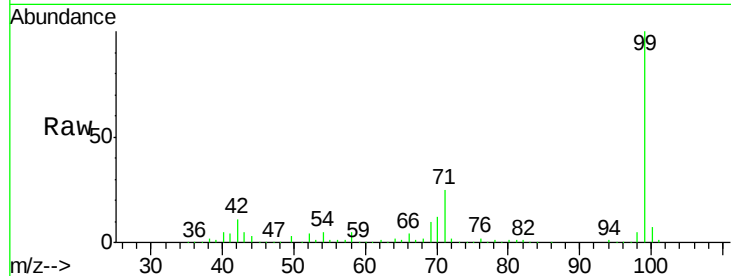
Tgt Ion: 99 Resp: 525858

Ion Ratio Lower Upper

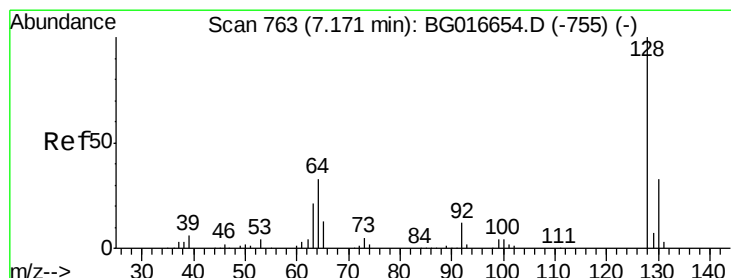
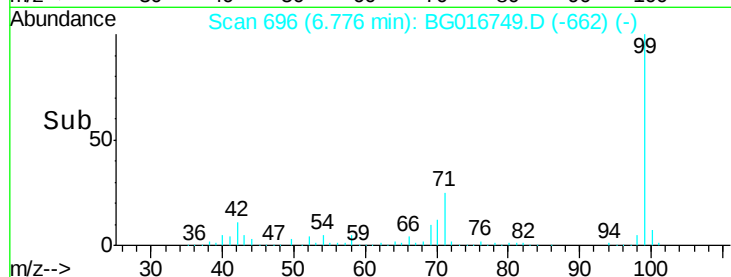
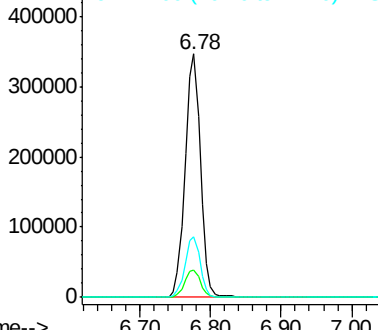
99 100

42 11.4 8.8 13.2

71 24.8 19.9 29.9



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: 31.66 ng

RT: 7.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

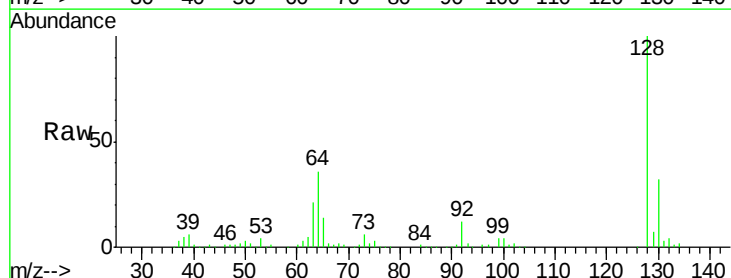
Tgt Ion: 128 Resp: 158209

Ion Ratio Lower Upper

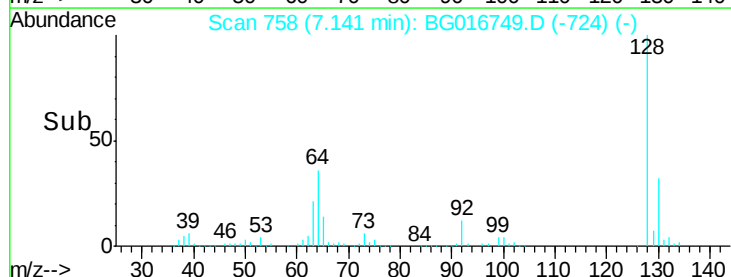
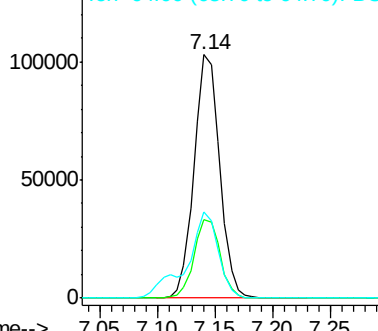
128 100

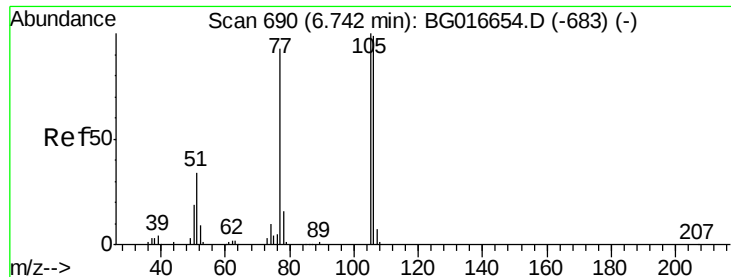
130 32.0 13.5 53.5

64 35.5 15.8 55.8



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: 6.93 ng

RT: 6.71 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

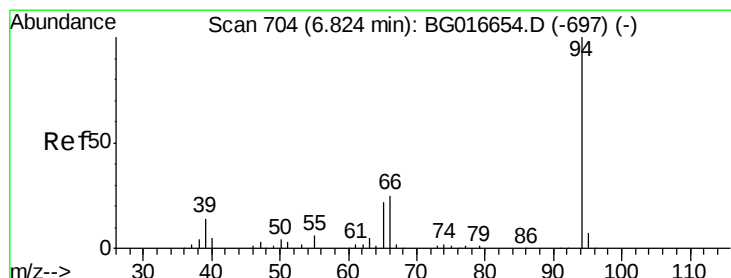
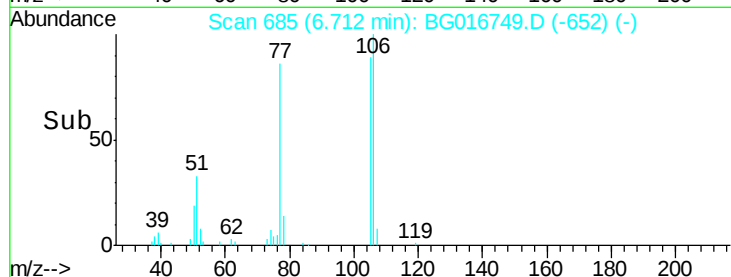
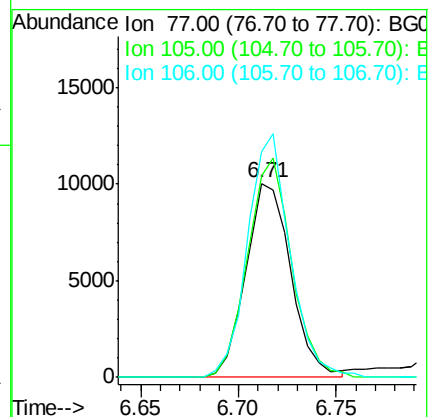
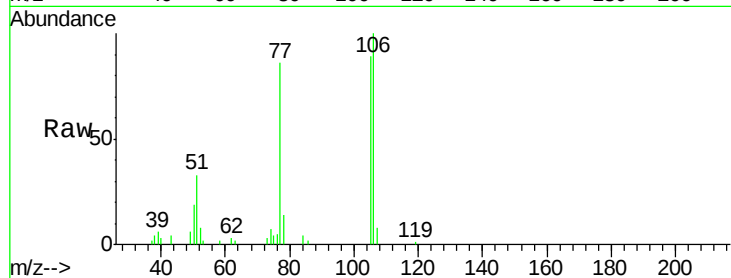
Tgt Ion: 77 Resp: 16064

Ion Ratio Lower Upper

77 100

105 104.2 88.0 128.0

106 116.5 86.6 126.6



#10

Phenol

Concen: 31.35 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

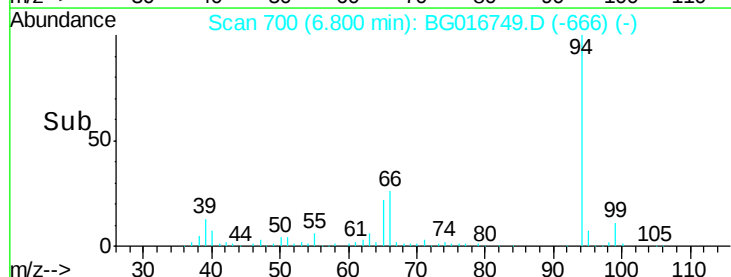
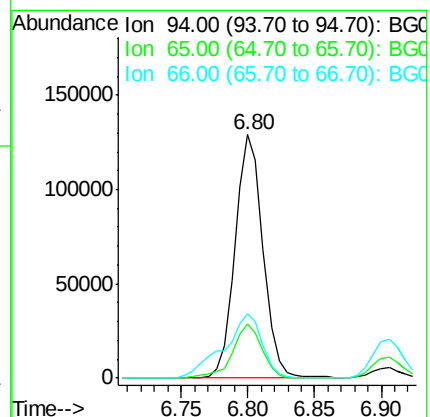
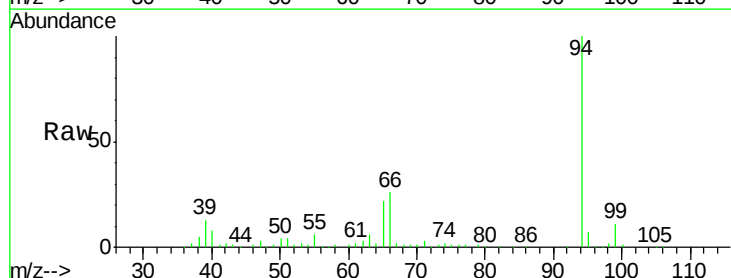
Tgt Ion: 94 Resp: 187469

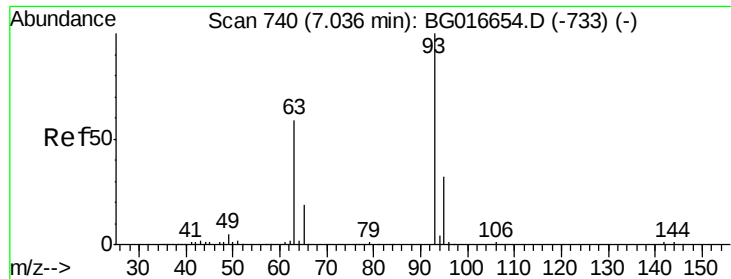
Ion Ratio Lower Upper

94 100

65 22.5 2.6 42.6

66 26.4 7.0 47.0

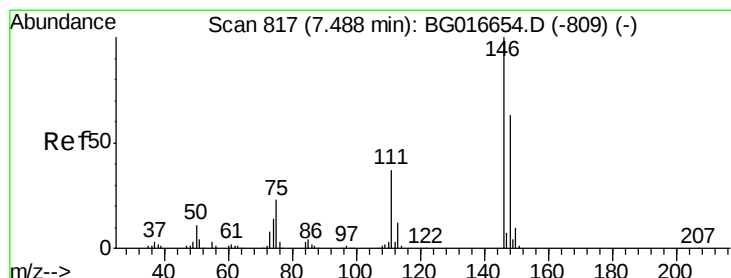
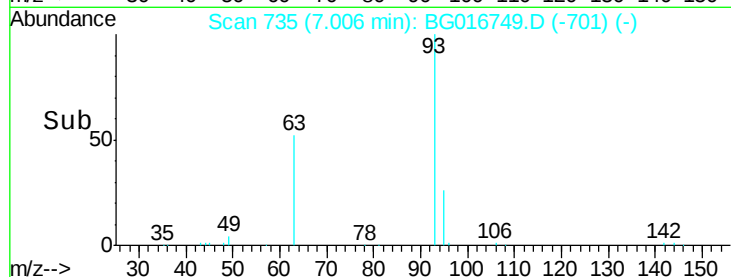
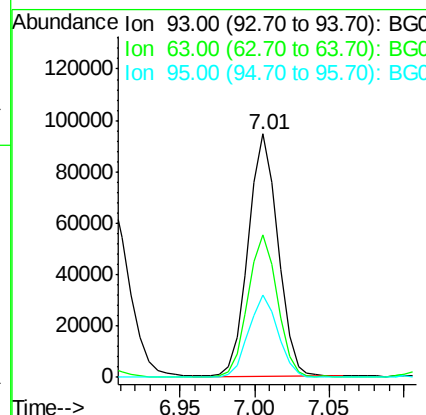
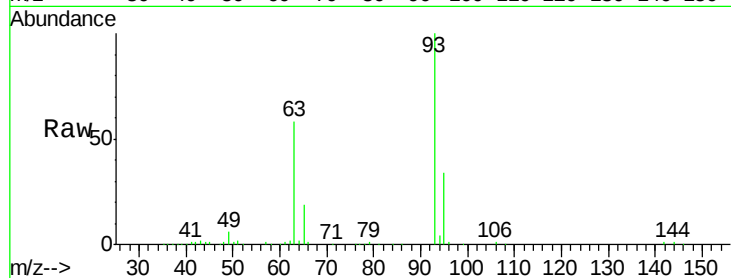




#11
 bis(2-Chloroethyl)ether
 Concen: 27.82 ng
 RT: 7.01 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

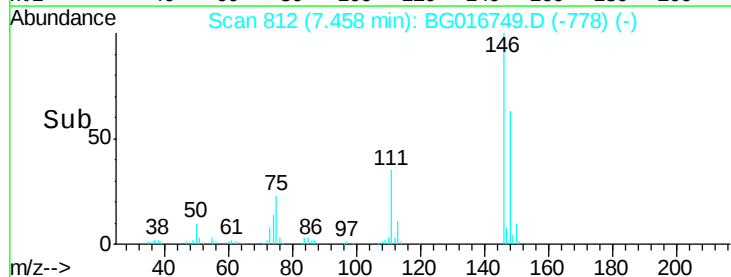
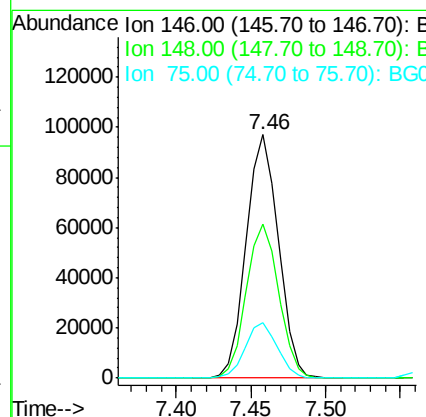
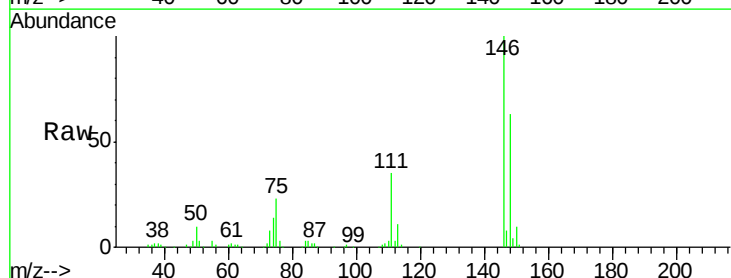
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

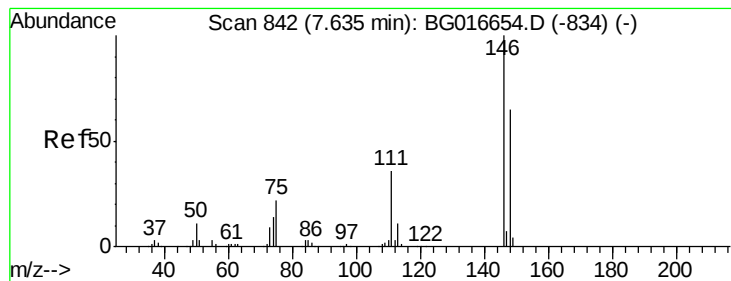
Tgt Ion: 93 Resp: 129844
 Ion Ratio Lower Upper
 93 100
 63 58.4 39.2 79.2
 95 33.8 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 28.03 ng
 RT: 7.46 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion: 146 Resp: 144882
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.2 75.4
 75 22.8 18.4 27.6





#13

1,4-Dichlorobenzene

Concen: 27.78 ng

RT: 7.60 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

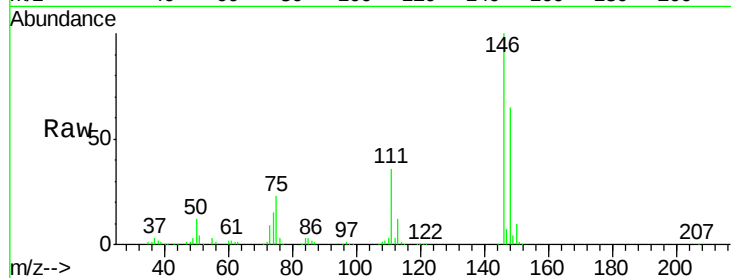
Tgt Ion:146 Resp: 146752

Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

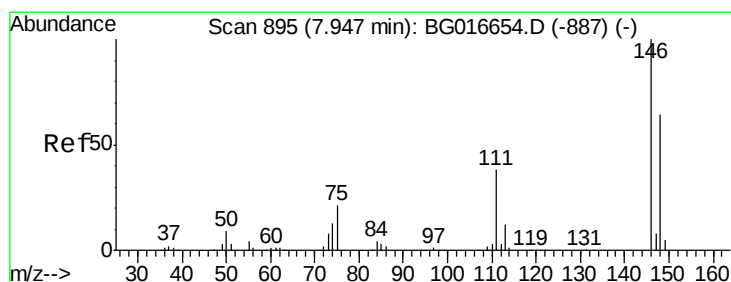
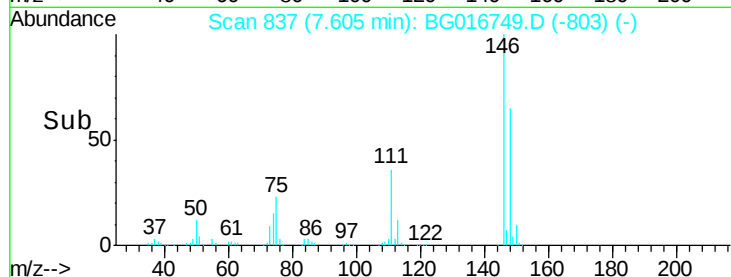
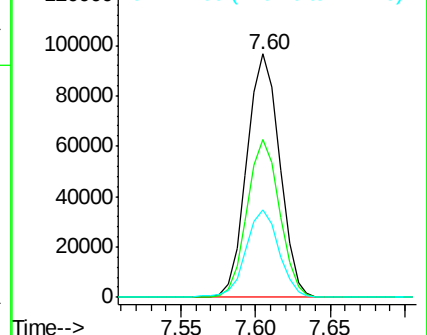
111 35.7 29.0 43.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 28.89 ng

RT: 7.92 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

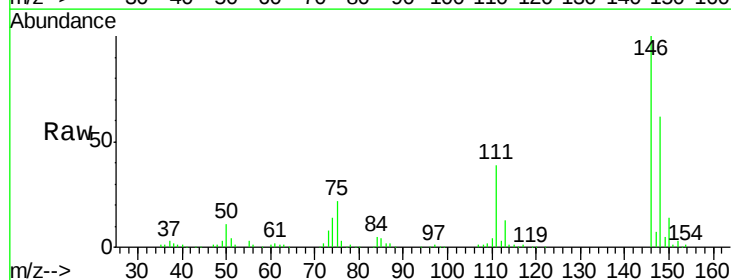
Tgt Ion:146 Resp: 145704

Ion Ratio Lower Upper

146 100

148 62.0 51.3 76.9

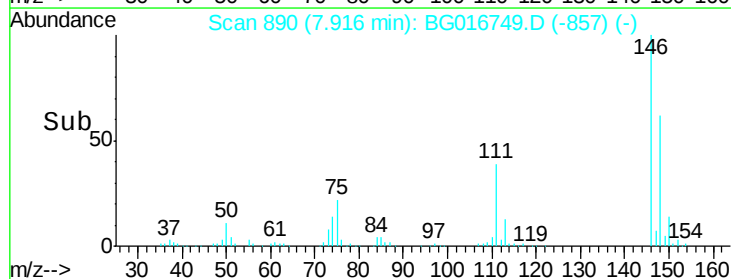
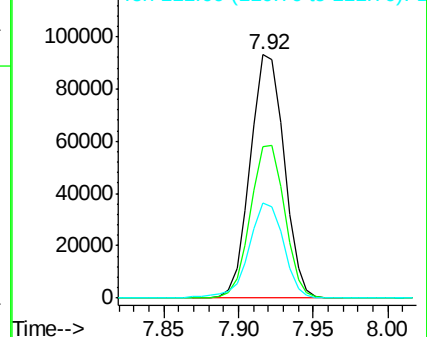
111 39.1 31.0 46.4

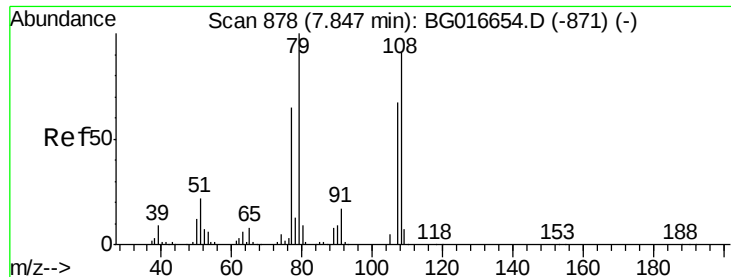


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.40 ng

RT: 7.82 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

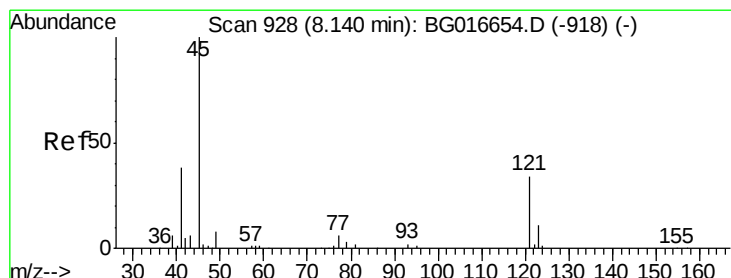
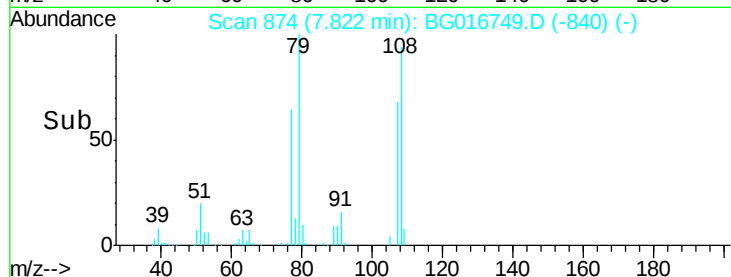
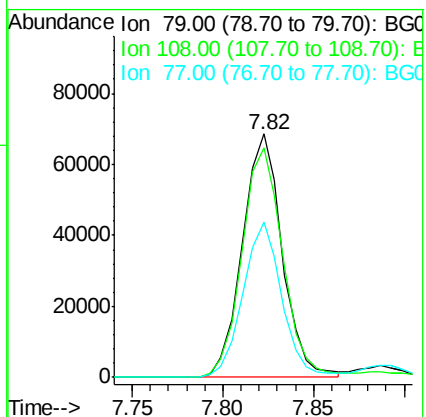
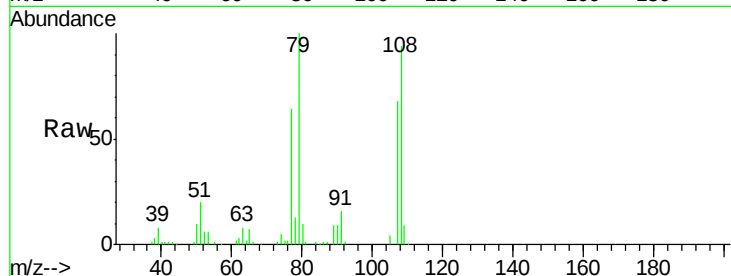
Tgt Ion: 79 Resp: 104669

Ion Ratio Lower Upper

79 100

108 94.0 73.0 109.4

77 63.6 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.47 ng

RT: 8.11 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

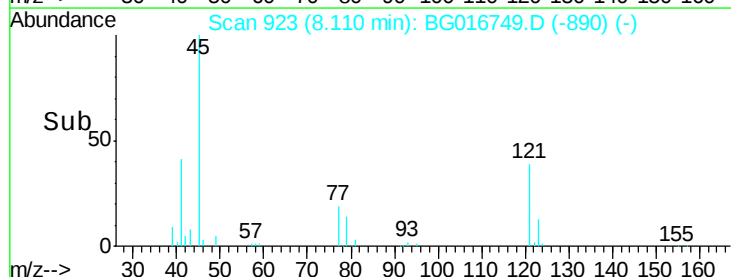
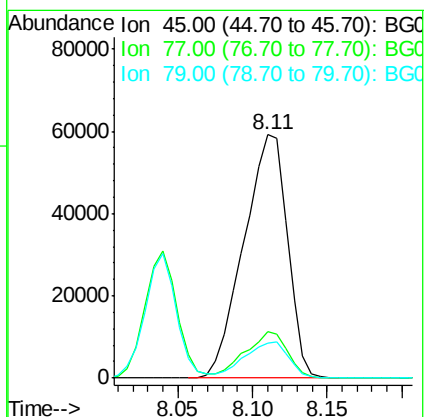
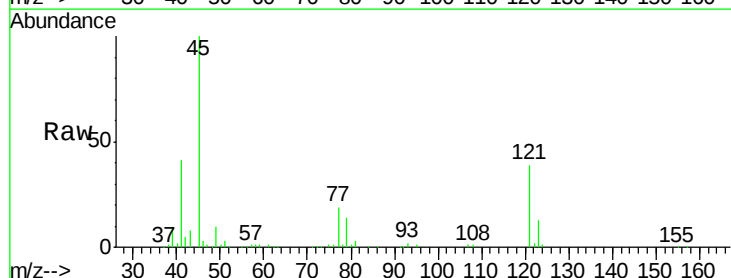
Tgt Ion: 45 Resp: 119990

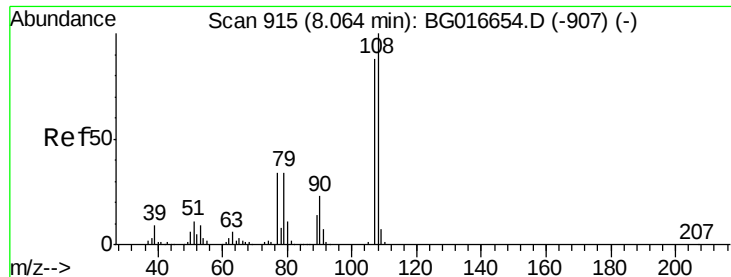
Ion Ratio Lower Upper

45 100

77 19.3 0.0 37.3

79 14.3 0.0 34.7

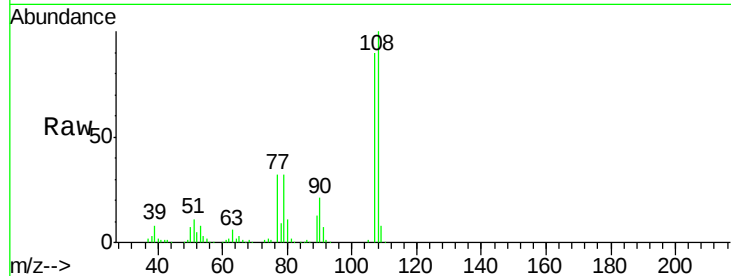




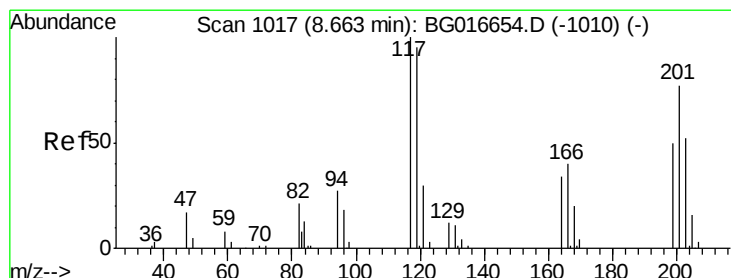
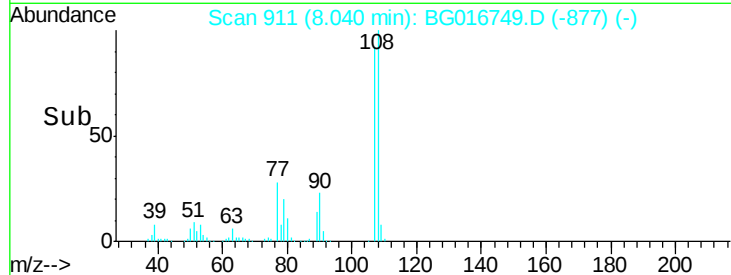
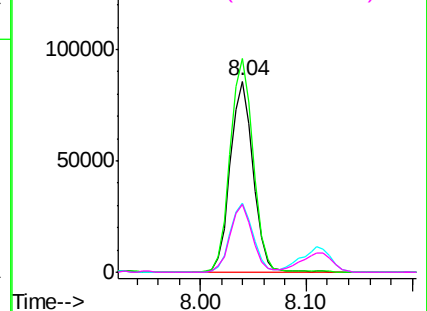
#17
2-Methylphenol
Concen: 31.98 ng
RT: 8.04 min Scan# 911
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.6	135.8
77	36.0	31.4	47.0
79	35.5	30.9	46.3

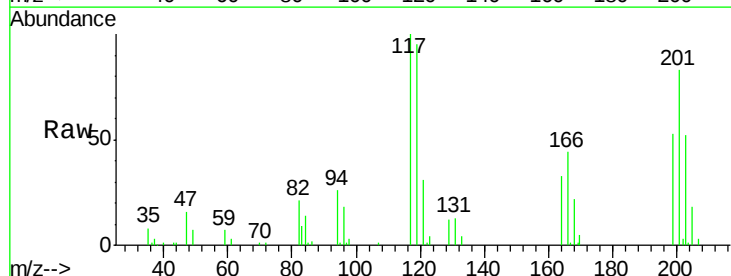


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

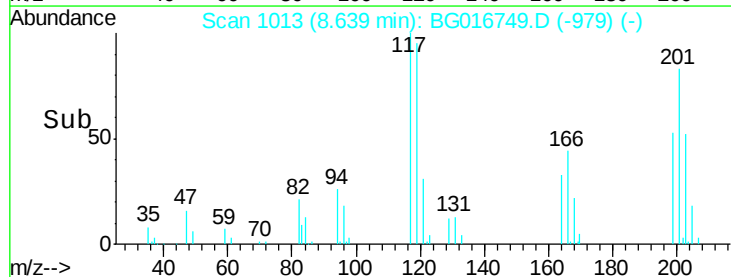
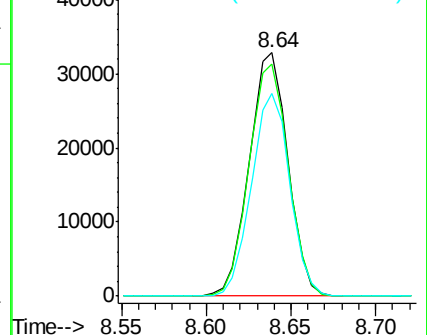


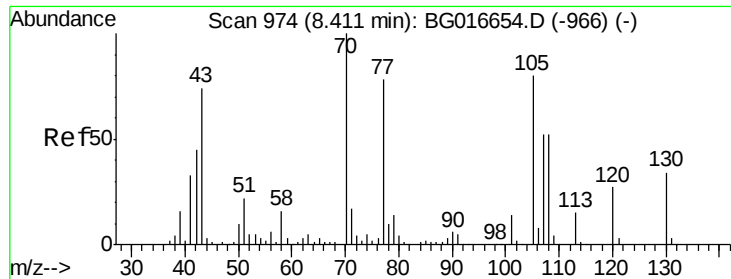
#18
Hexachloroethane
Concen: 28.11 ng
RT: 8.64 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.3	114.5
201	83.4	61.5	92.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

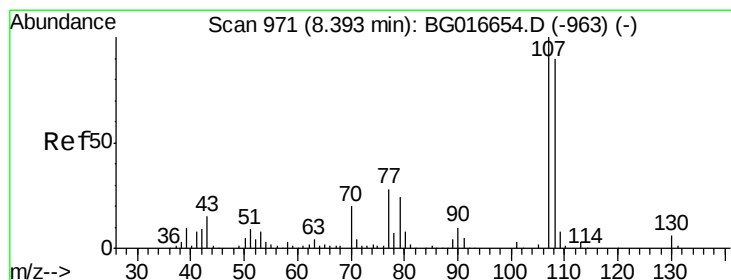
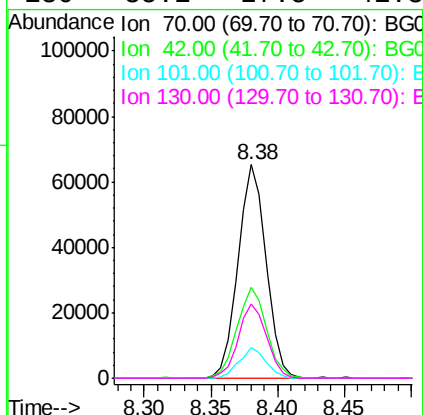
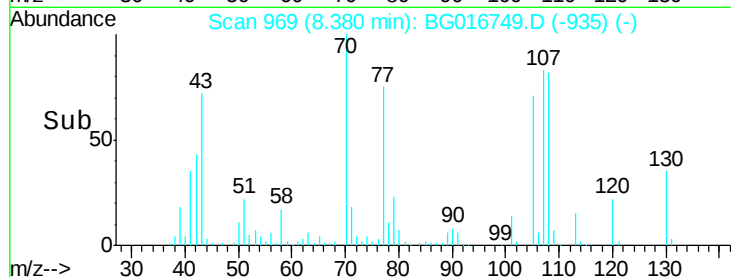
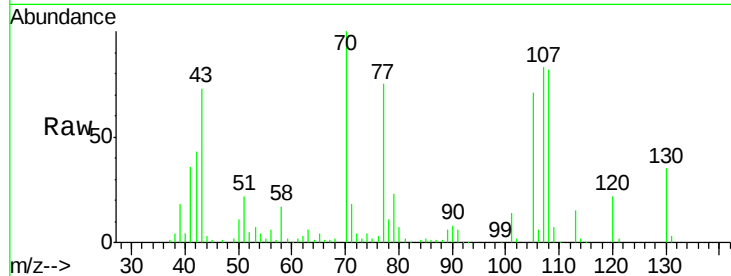




#19
n-Nitroso-di-n-propylamine
Concen: 26.85 ng
RT: 8.38 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

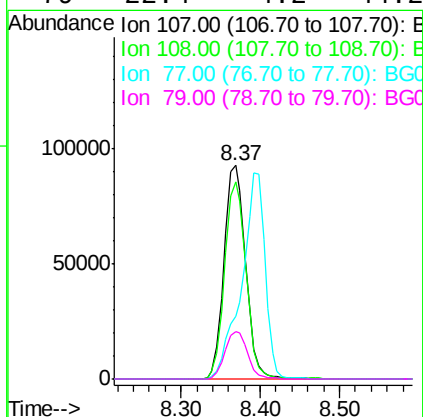
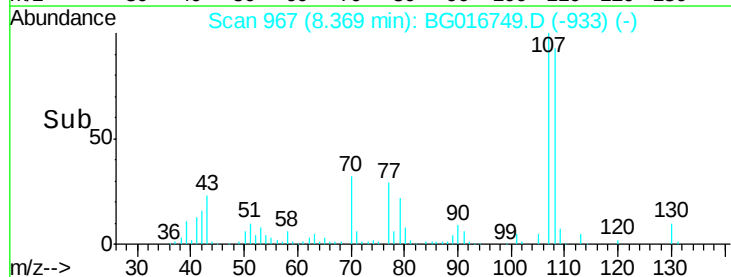
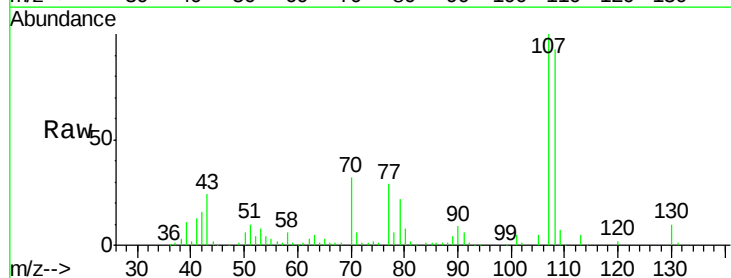
Instrument :
BNA_G
ClientSampleId :
SB-2MS

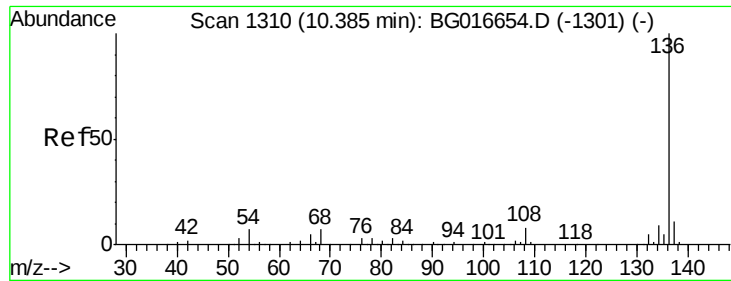
Tgt Ion:	70	Resp:	94960
Ion	Ratio	Lower	Upper
70	100		
42	42.8	35.7	53.5
101	14.2	11.0	16.4
130	35.1	27.5	41.3



#20
3+4-Methylphenols
Concen: 31.04 ng
RT: 8.37 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Tgt Ion:	107	Resp:	174496
Ion	Ratio	Lower	Upper
107	100		
108	92.6	69.5	109.5
77	29.1	8.2	48.2
79	22.4	4.2	44.2

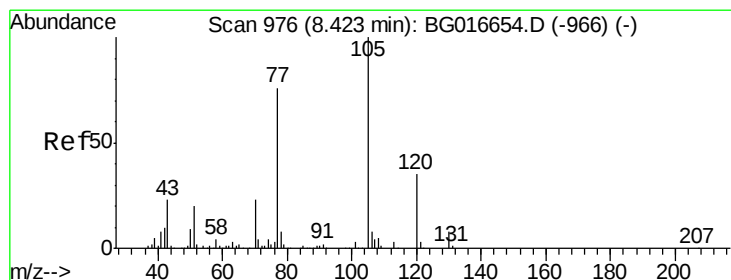
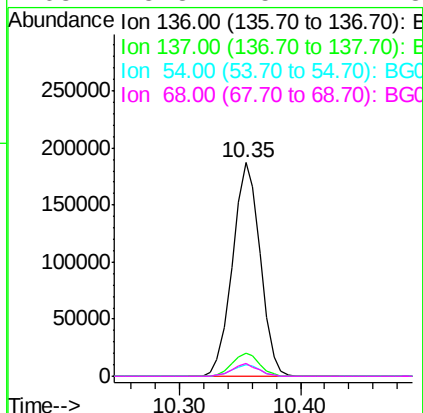
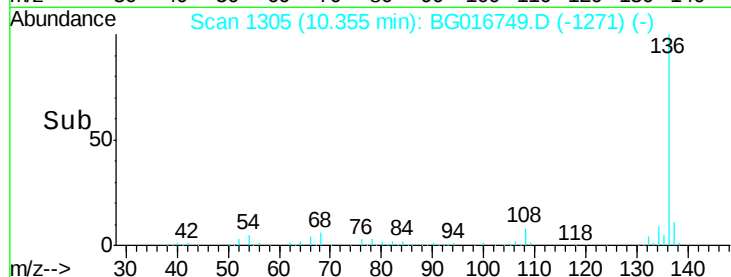
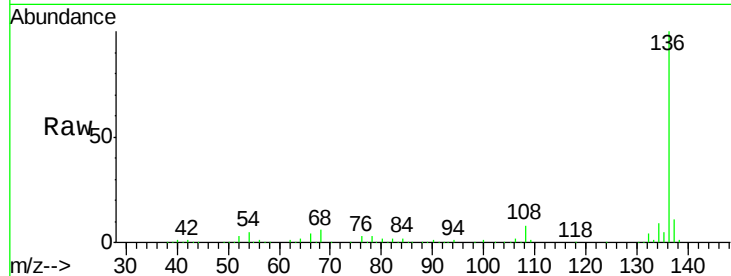




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

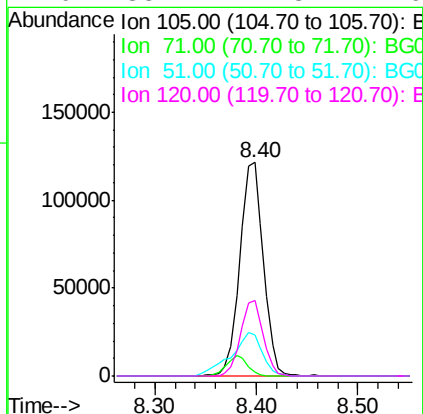
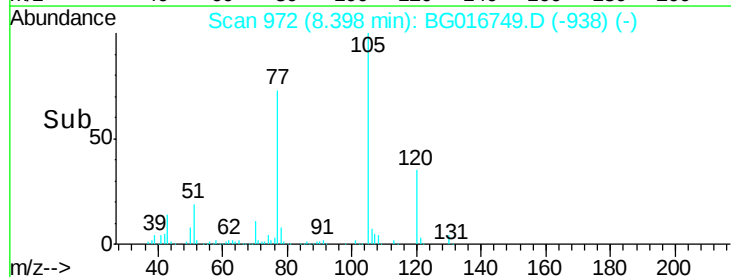
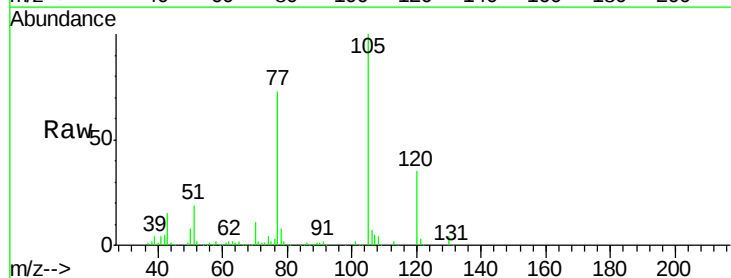
Instrument :
BNA_G
ClientSampleId :
SB-2MS

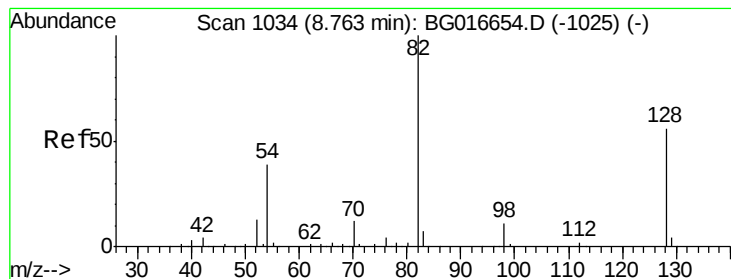
Tgt Ion:	136	Resp:	297908
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	5.3	5.4	8.2#
68	5.8	5.2	7.8



#22
Acetophenone
Concen: 29.97 ng
RT: 8.40 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Tgt Ion:	105	Resp:	195936
Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.0	4.4#
51	19.3	16.5	24.7
120	35.1	27.8	41.6





#23

Nitrobenzene-d5

Concen: 55.92 ng

RT: 8.73 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

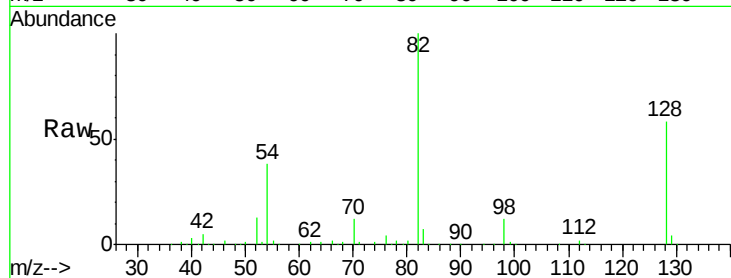
Tgt Ion: 82 Resp: 263620

Ion Ratio Lower Upper

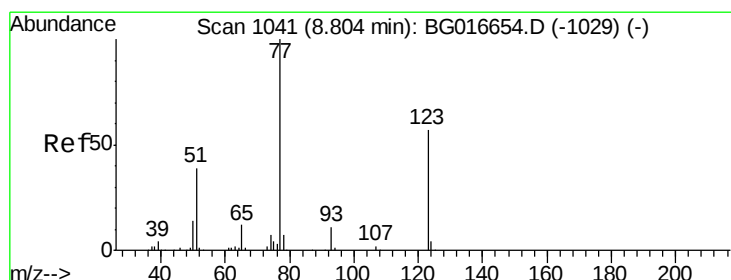
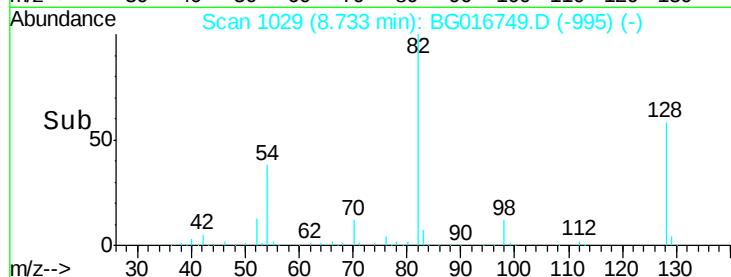
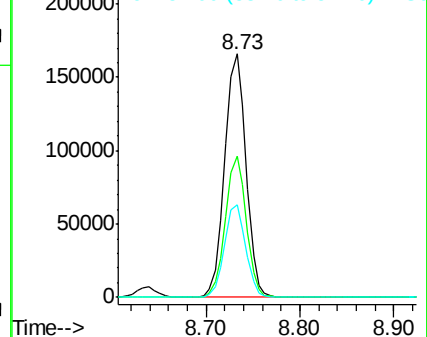
82 100

128 57.8 44.7 67.1

54 38.0 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 27.43 ng

RT: 8.77 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

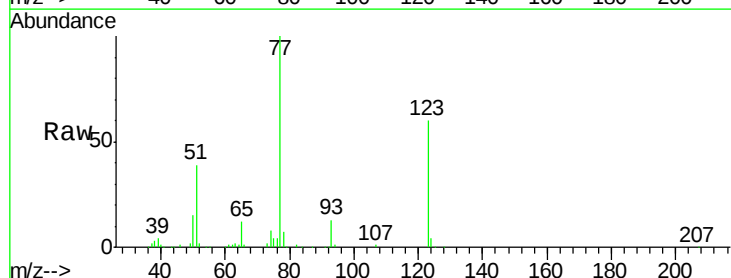
Tgt Ion: 77 Resp: 135794

Ion Ratio Lower Upper

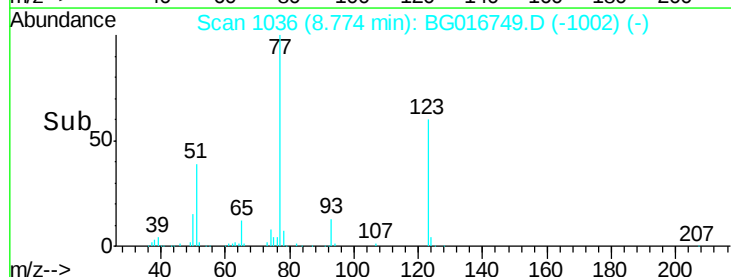
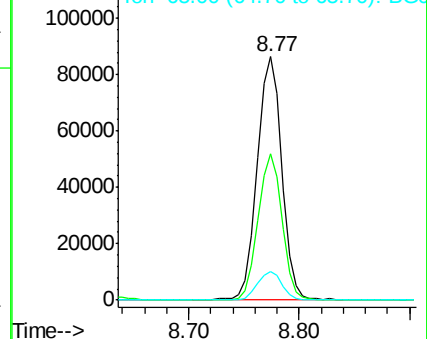
77 100

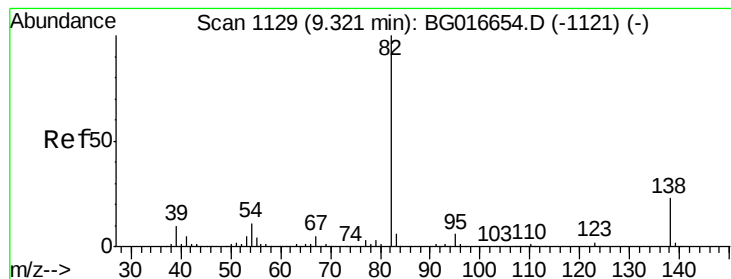
123 59.9 45.6 68.4

65 11.8 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 27.79 ng

RT: 9.29 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

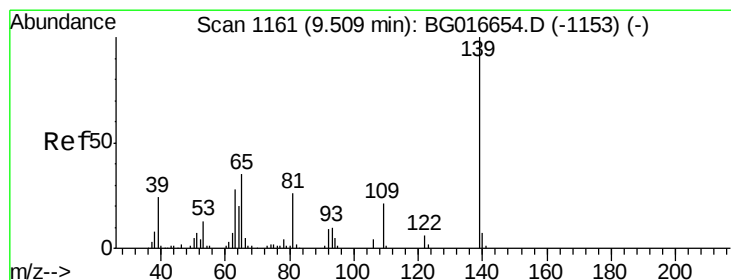
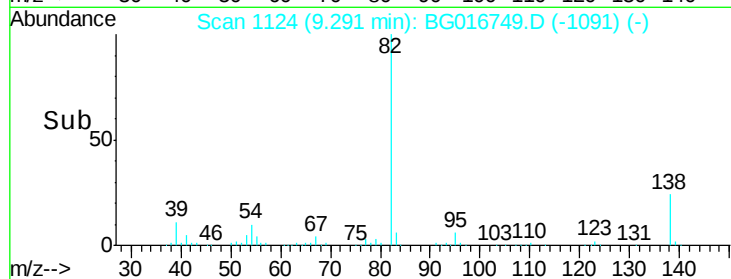
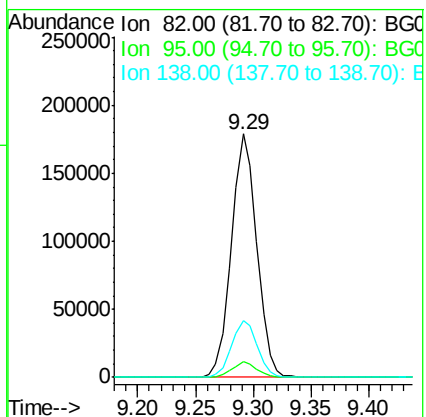
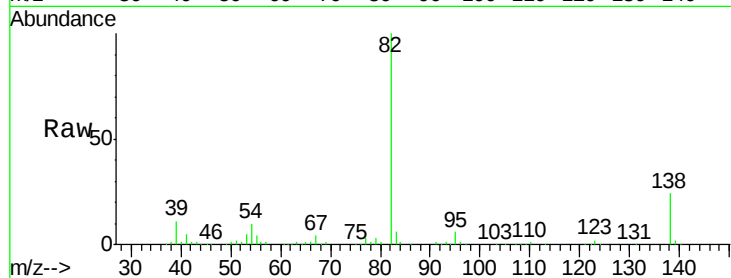
Tgt Ion: 82 Resp: 271538

Ion Ratio Lower Upper

82 100

95 6.4 5.0 7.6

138 23.6 18.2 27.2



#26

2-Nitrophenol

Concen: 30.51 ng

RT: 9.48 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

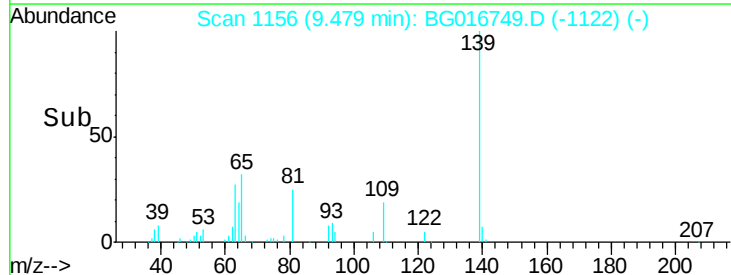
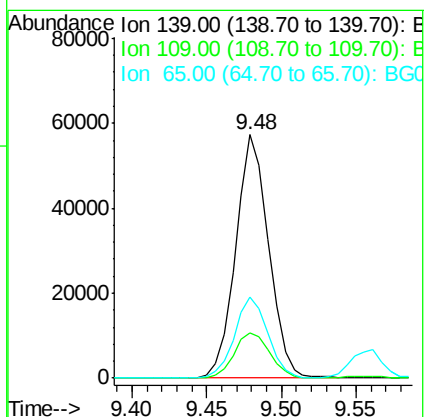
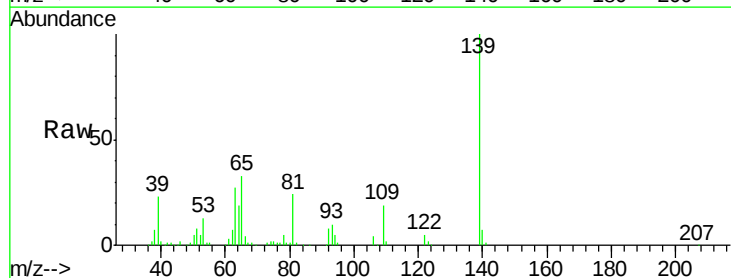
Tgt Ion: 139 Resp: 87638

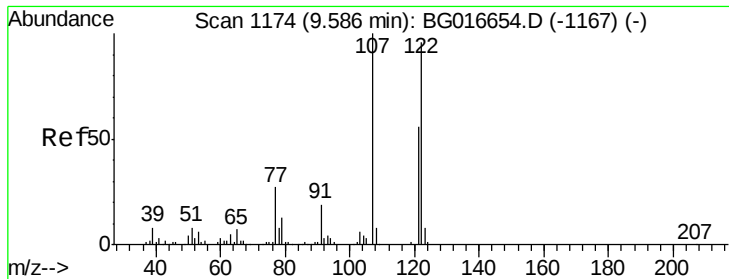
Ion Ratio Lower Upper

139 100

109 18.7 17.0 25.6

65 33.2 28.2 42.4

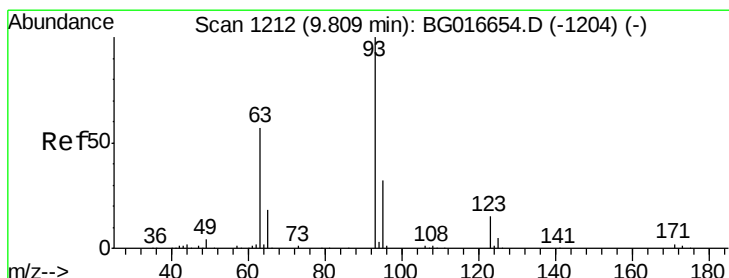
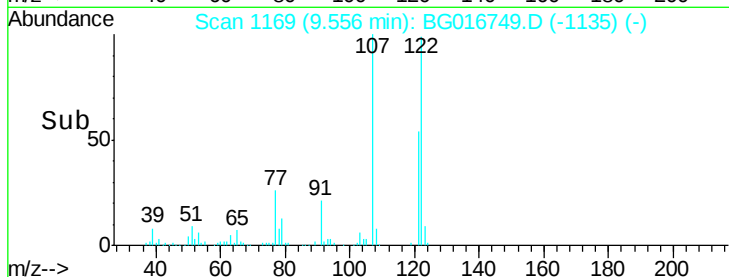
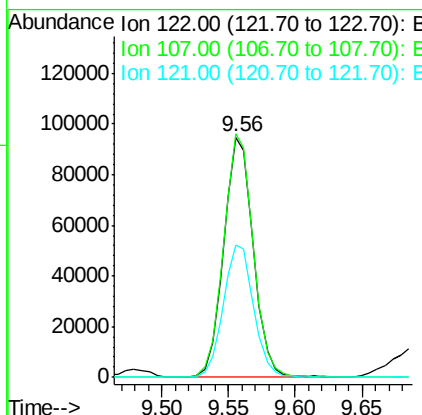
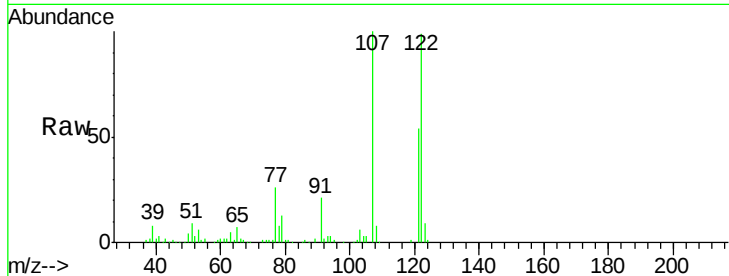




#27
 2,4-Dimethylphenol
 Concen: 30.68 ng
 RT: 9.56 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

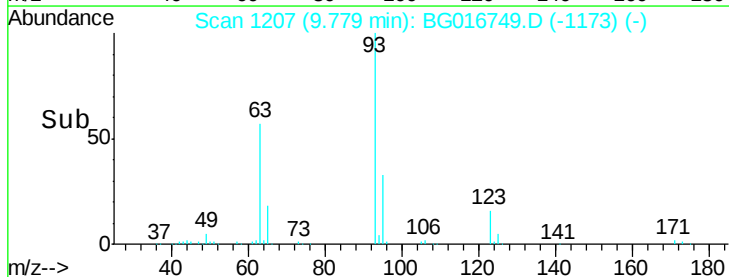
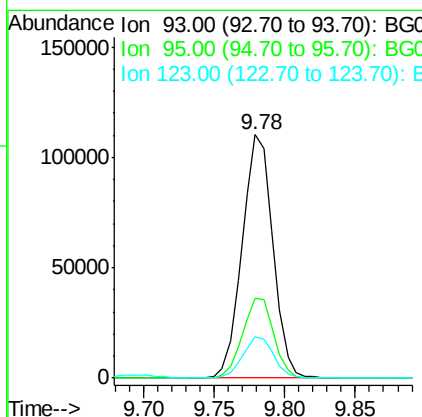
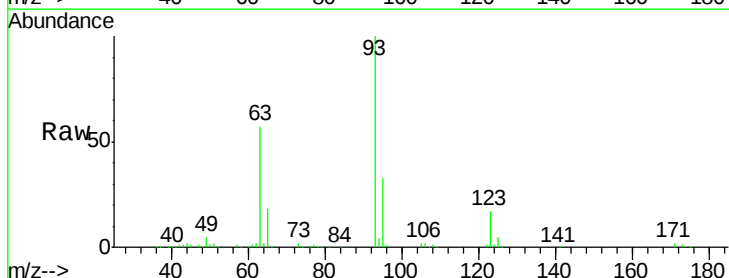
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

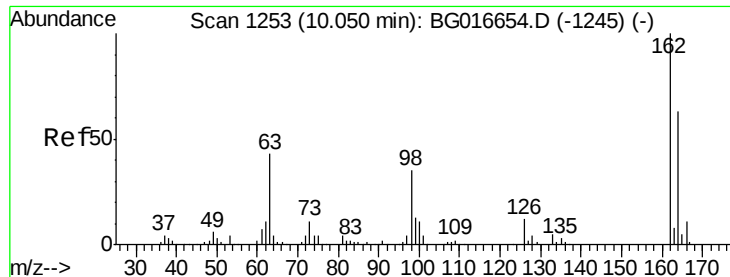
Tgt Ion: 122 Resp: 147208
 Ion Ratio Lower Upper
 122 100
 107 101.3 83.6 125.4
 121 55.2 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.54 ng
 RT: 9.78 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion: 93 Resp: 168280
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.4 38.2
 123 17.0 12.2 18.4

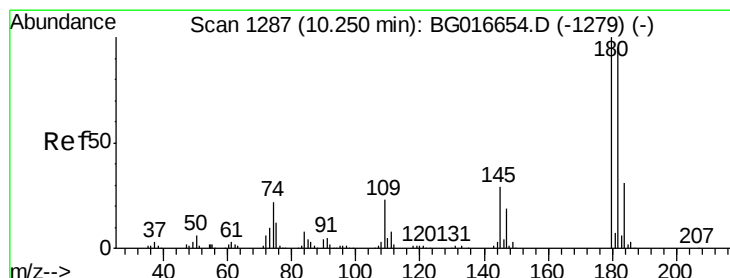
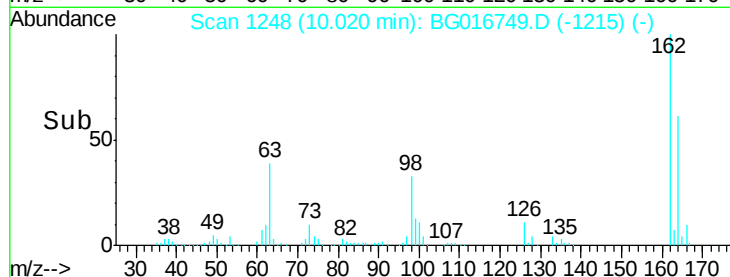
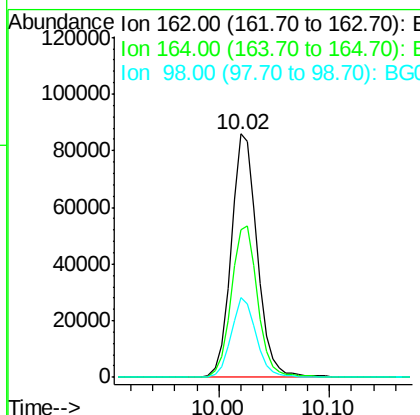
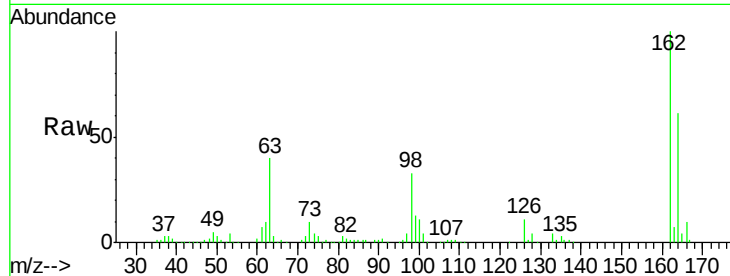




#29
 2,4-Dichlorophenol
 Concen: 34.80 ng
 RT: 10.02 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

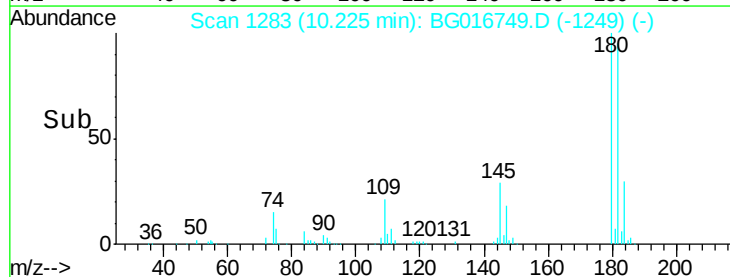
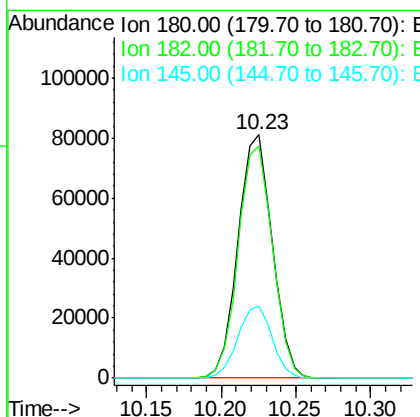
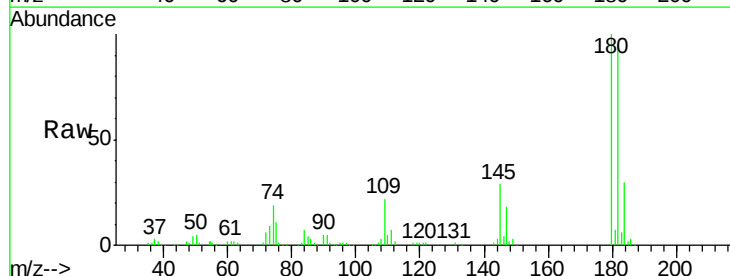
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

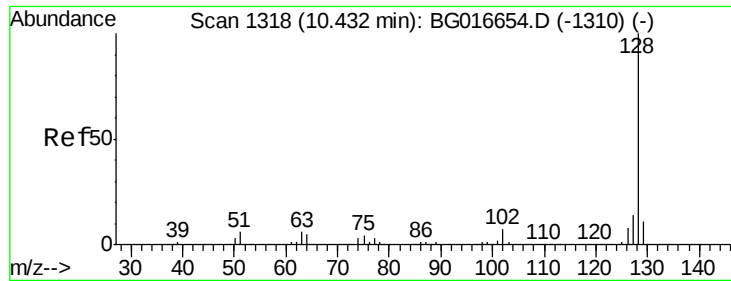
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.8	42.9	82.9
98	32.6	15.4	55.4



#30
 1,2,4-Trichlorobenzene
 Concen: 29.95 ng
 RT: 10.23 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	29.4	23.2	34.8

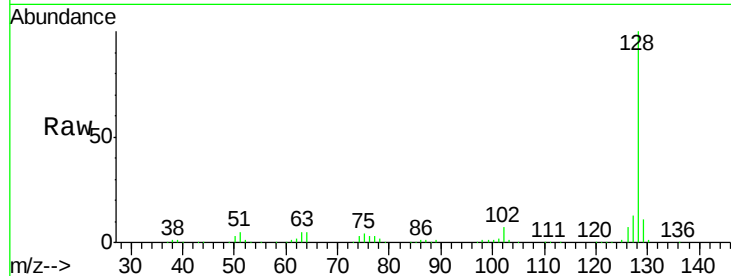




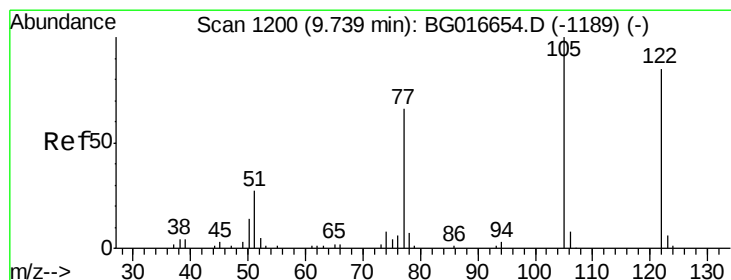
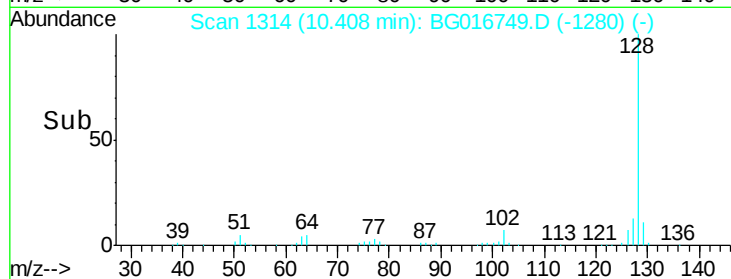
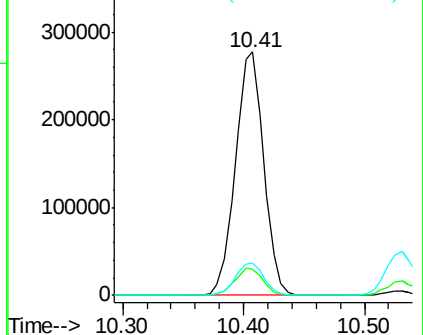
#31
Naphthalene
Concen: 28.74 ng
RT: 10.41 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tgt Ion:128 Resp: 451490
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.4 11.1 16.7

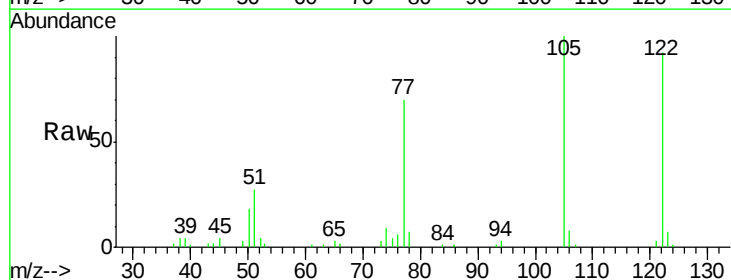


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

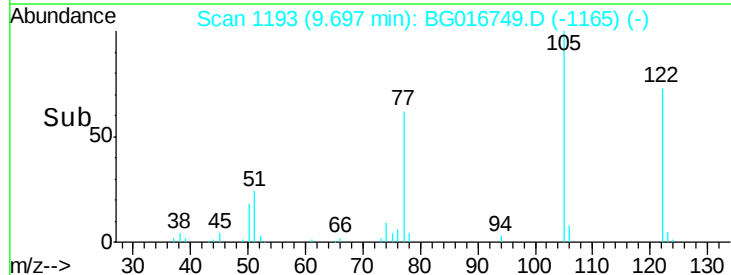
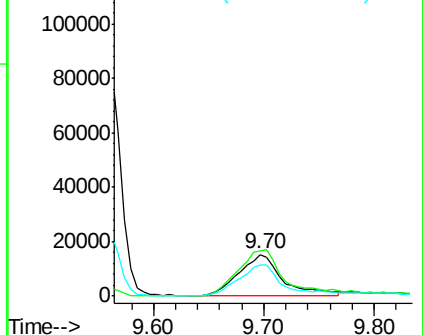


#32
Benzoic acid
Concen: 21.99 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.04 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Tgt Ion:122 Resp: 41897
Ion Ratio Lower Upper
122 100
105 108.7 97.2 137.2
77 75.7 58.4 98.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

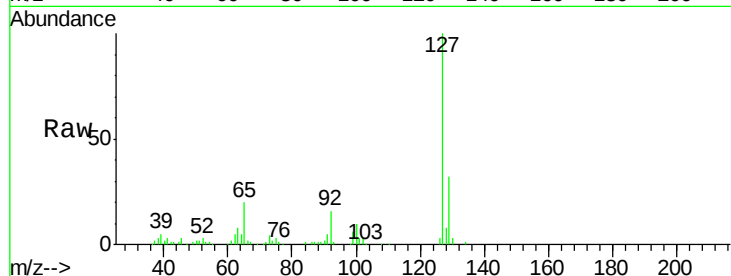




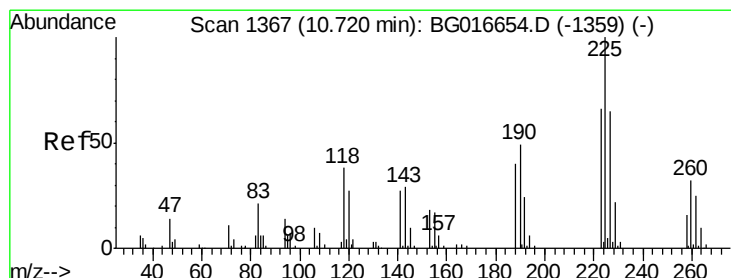
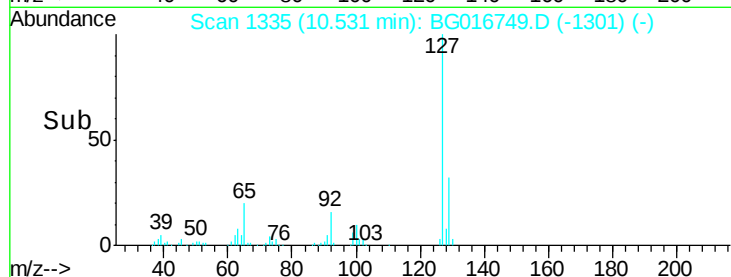
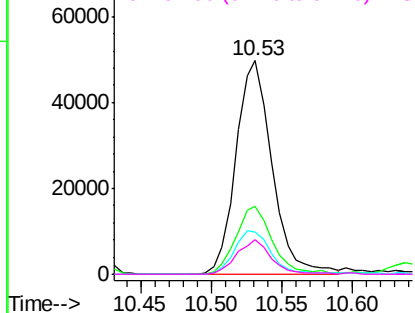
#33
4-Chloroaniline
Concen: 12.28 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tgt Ion:	127	Resp:	88891
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.4	41.2
65	19.9	19.1	28.7
92	16.0	12.6	18.8

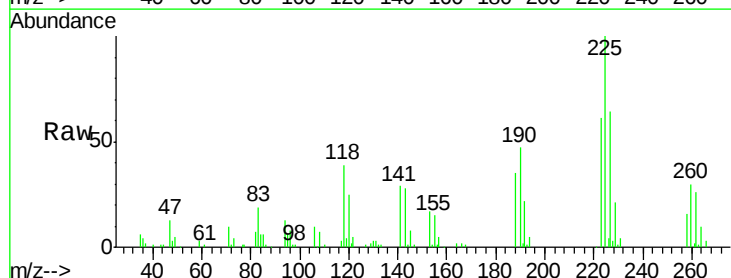


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

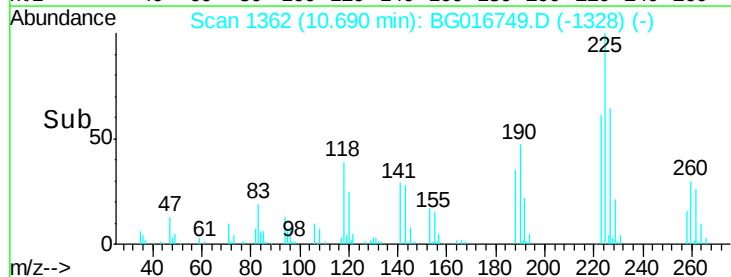
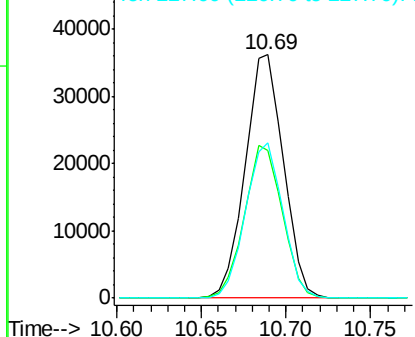


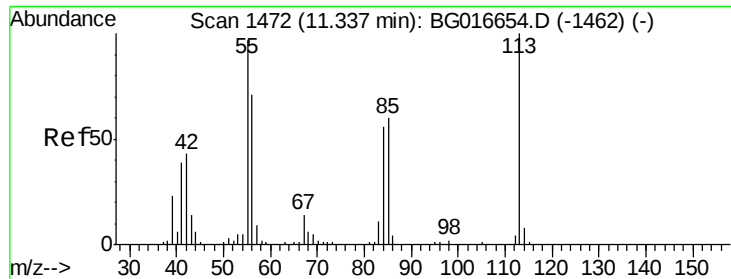
#34
Hexachlorobutadiene
Concen: 29.56 ng
RT: 10.69 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Tgt Ion:	225	Resp:	57071
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.6	79.0
227	63.5	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

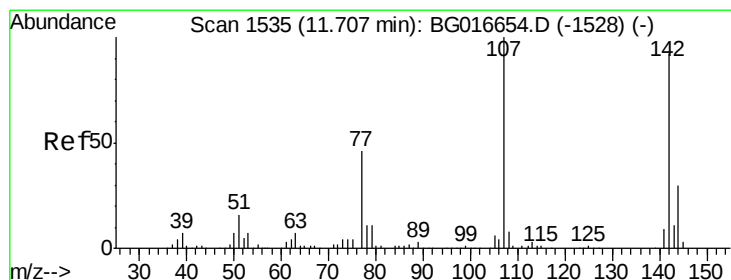
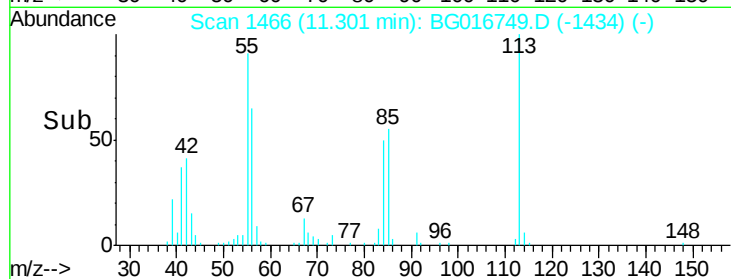
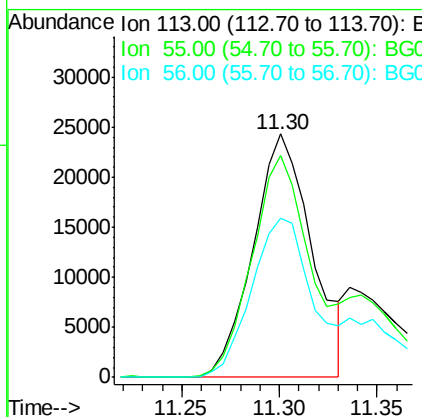
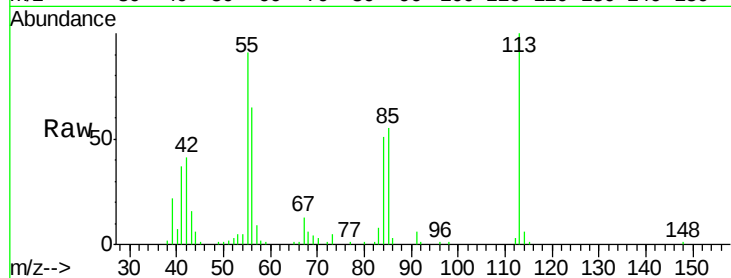




#35
 Caprolactam
 Concen: 23.05 ng
 RT: 11.30 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

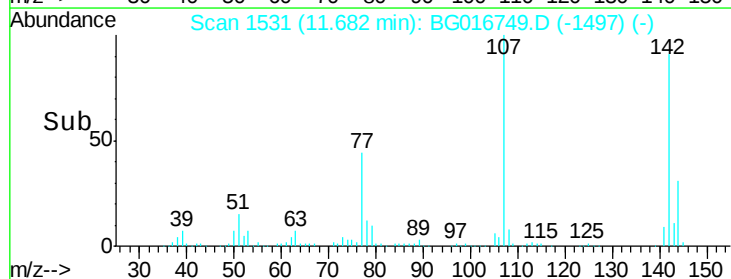
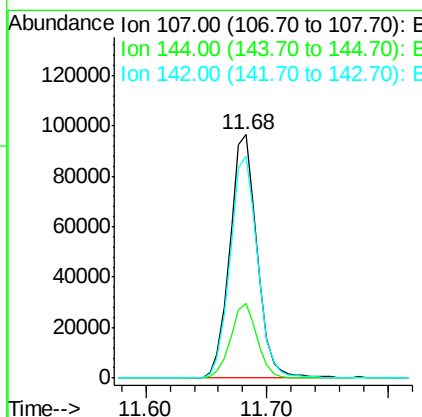
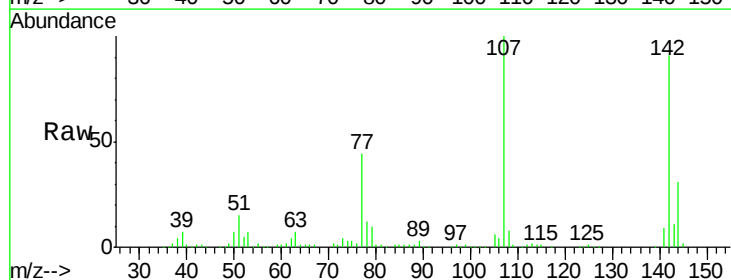
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

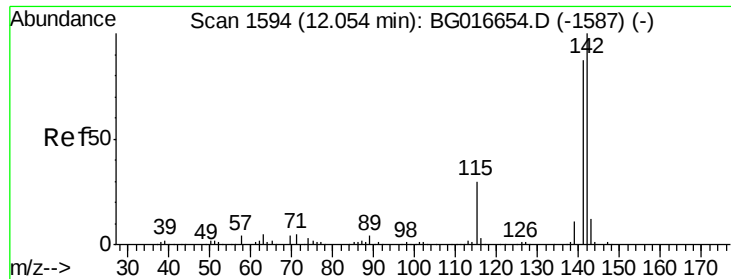
Tgt Ion:113 Resp: 50681
 Ion Ratio Lower Upper
 113 100
 55 91.0 77.1 117.1
 56 65.5 51.4 91.4



#36
 4-Chloro-3-methylphenol
 Concen: 31.88 ng
 RT: 11.68 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion:107 Resp: 151150
 Ion Ratio Lower Upper
 107 100
 144 30.6 24.2 36.4
 142 91.2 73.8 110.6

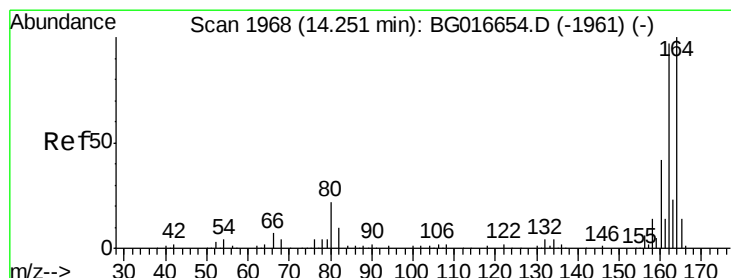
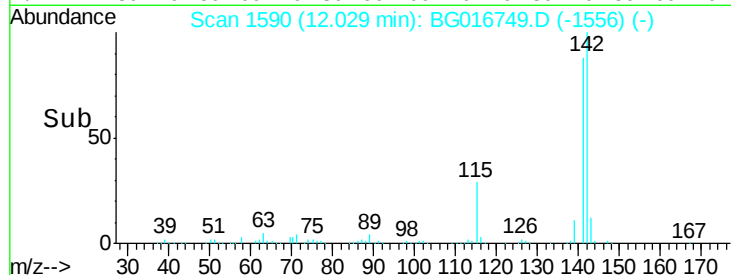
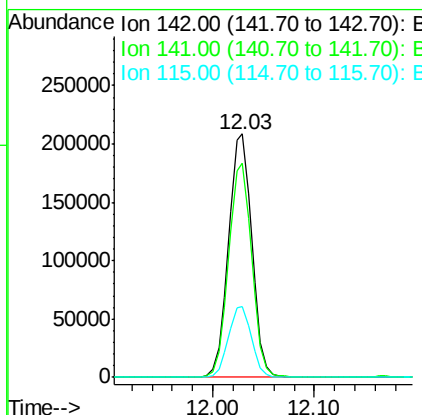
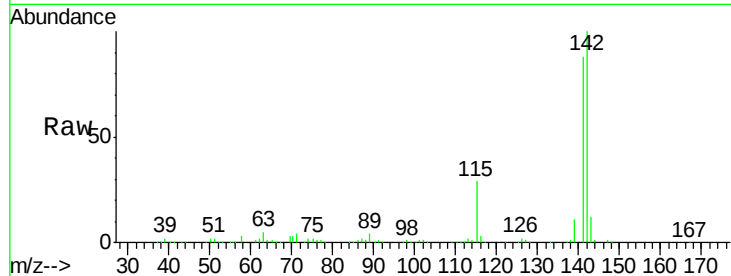




#37
2-Methylnaphthalene
Concen: 29.23 ng
RT: 12.03 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

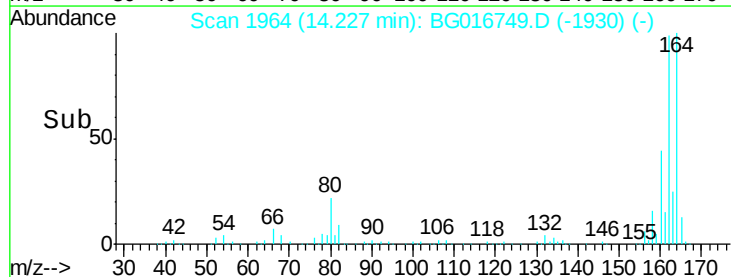
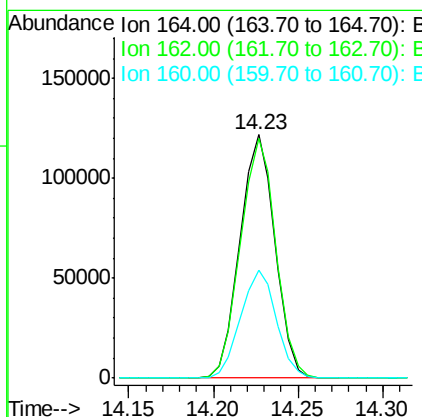
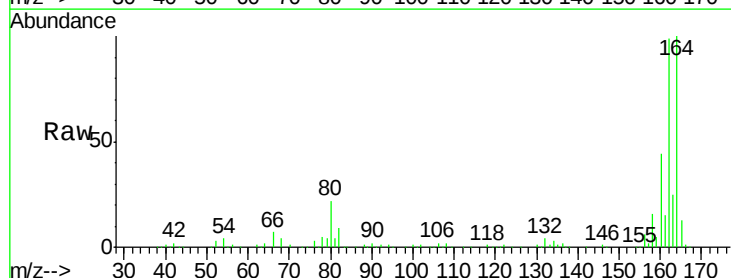
Instrument :
BNA_G
ClientSampleId :
SB-2MS

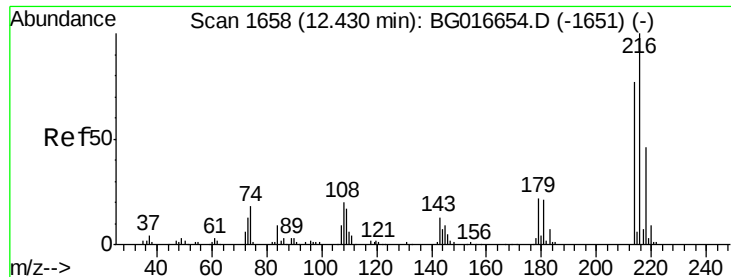
Tgt Ion:142 Resp: 331656
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9
115 29.2 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.23 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Tgt Ion:164 Resp: 175935
Ion Ratio Lower Upper
164 100
162 98.7 77.3 115.9
160 44.5 33.7 50.5

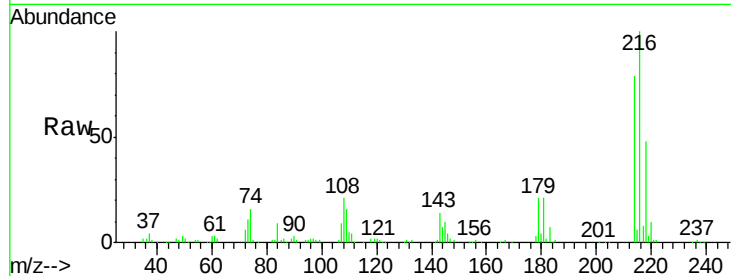




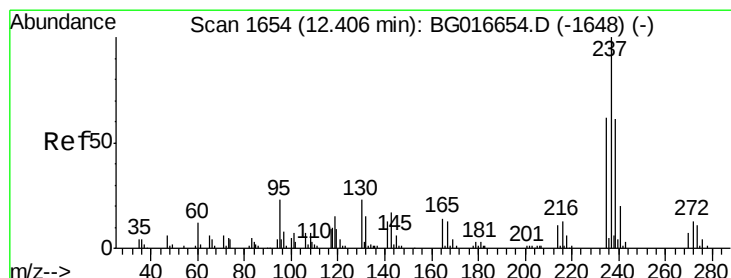
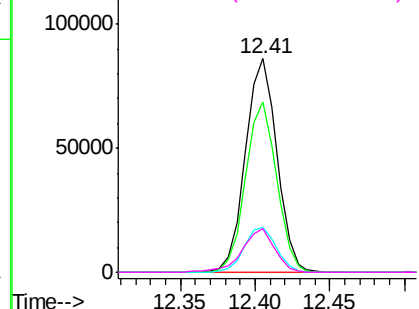
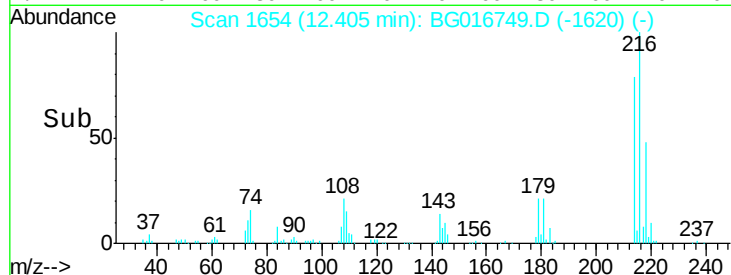
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.90 ng
 RT: 12.41 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Tgt Ion: 216 Resp: 125298
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.8 95.8
 179 21.5 17.6 26.4
 108 21.5 18.1 27.1

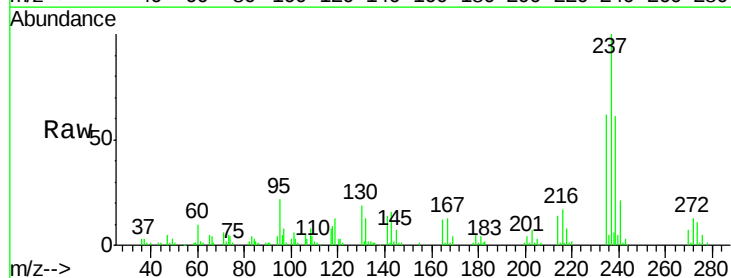


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

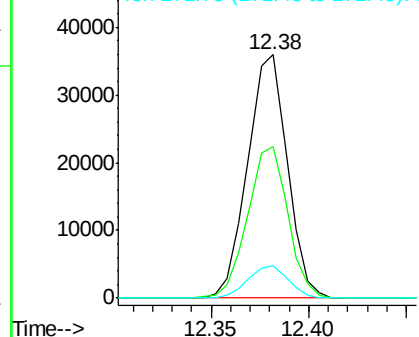
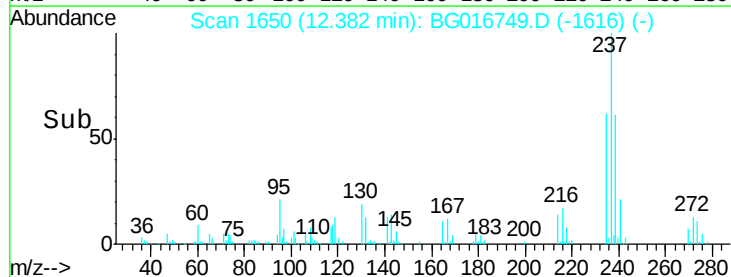


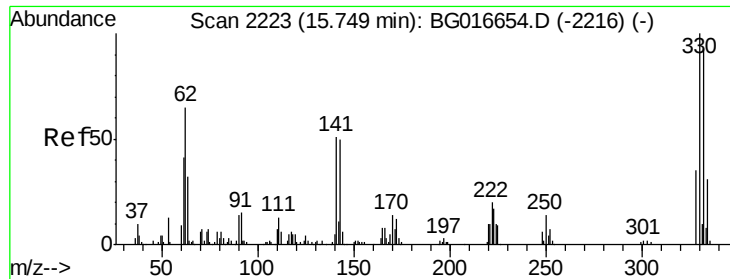
#40
 Hexachlorocyclopentadiene
 Concen: 35.71 ng
 RT: 12.38 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion: 237 Resp: 50799
 Ion Ratio Lower Upper
 237 100
 235 62.3 42.2 82.2
 272 13.2 0.0 32.8



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

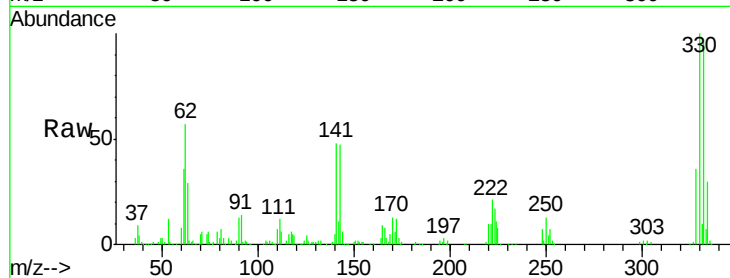




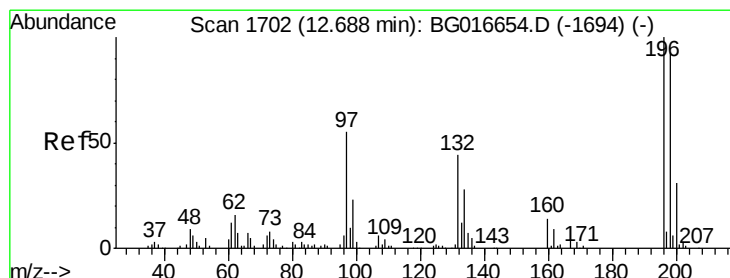
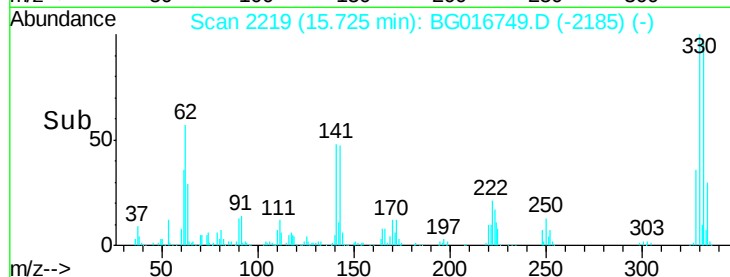
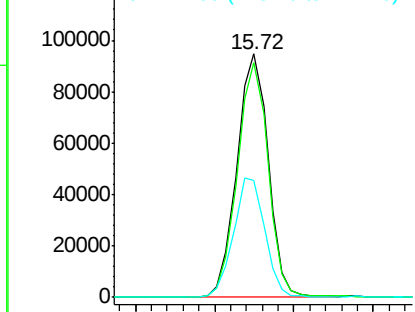
#41
 2,4,6-Tribromophenol
 Concen: 99.71 ng
 RT: 15.72 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Tgt Ion:330 Resp: 130134
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 49.3 43.0 64.6

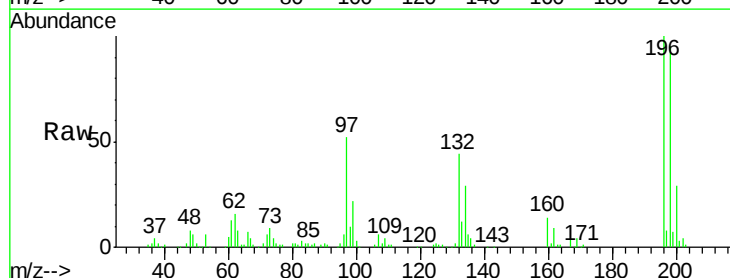


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

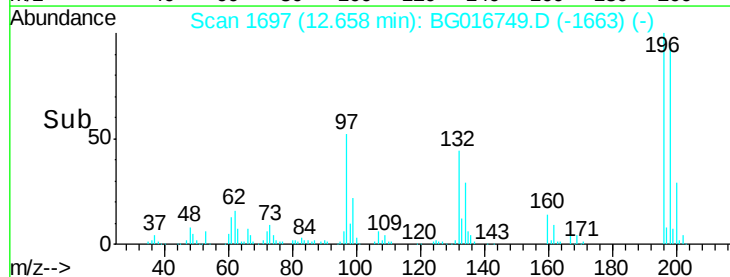
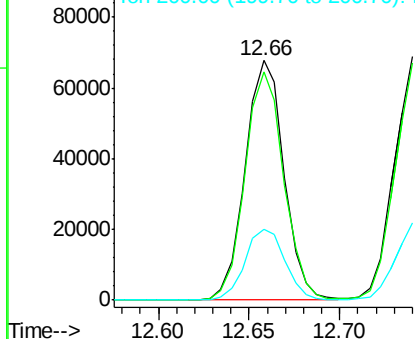


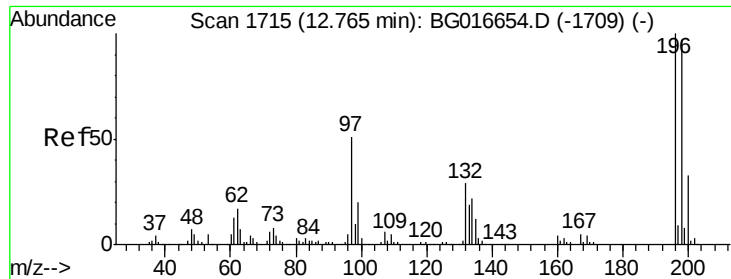
#42
 2,4,6-Trichlorophenol
 Concen: 32.92 ng
 RT: 12.66 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion:196 Resp: 100811
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.6 111.8
 200 29.4 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

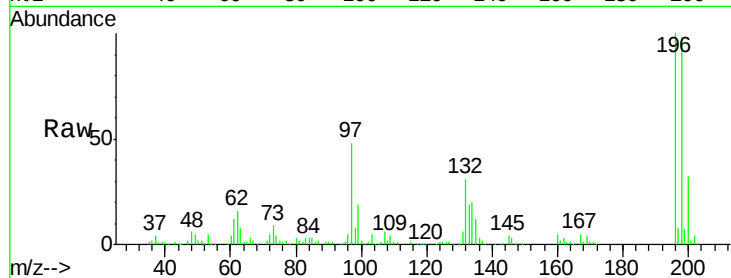




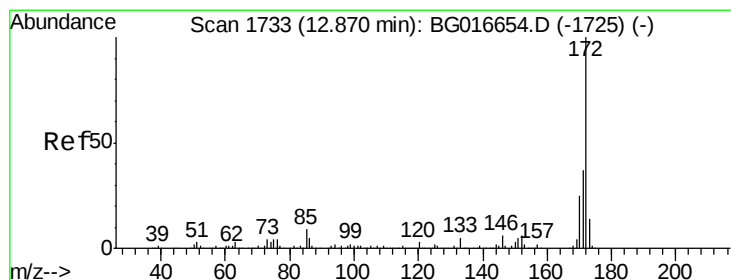
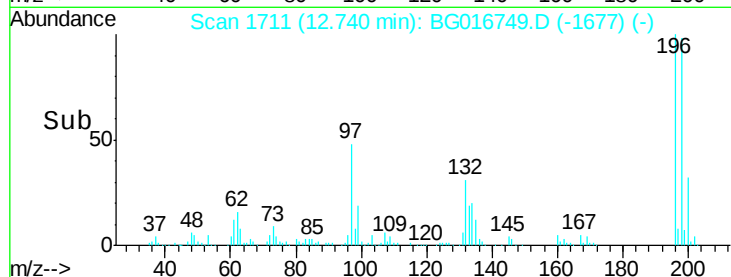
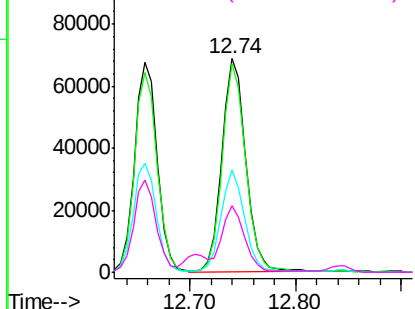
#43
 2,4,5-Trichlorophenol
 Concen: 33.46 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Tgt Ion:	196	Resp:	108454
Ion	Ratio	Lower	Upper
196	100		
198	97.6	77.4	116.0
97	47.7	40.9	61.3
132	31.1	23.2	34.8

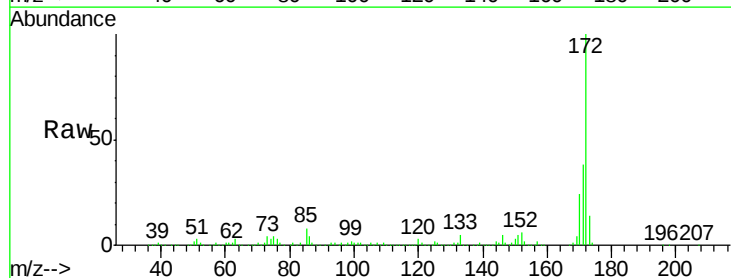


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

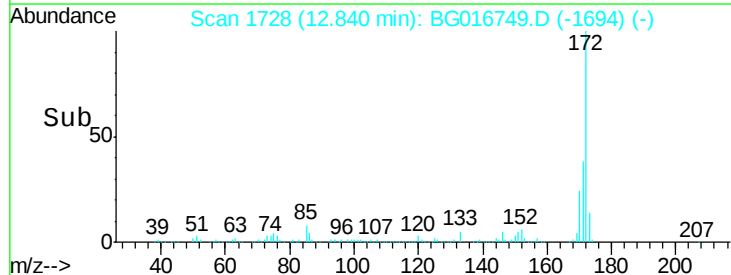
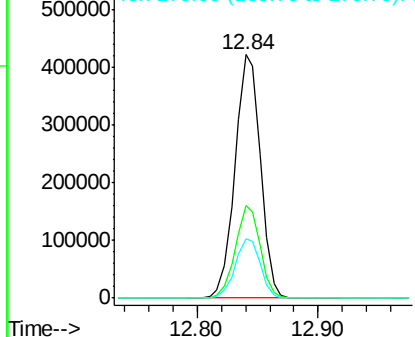


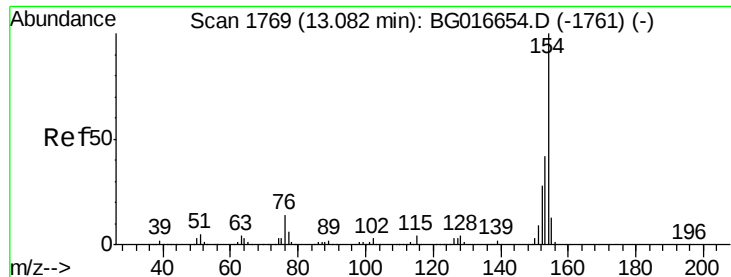
#44
 2-Fluorobiphenyl
 Concen: 56.40 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion:	172	Resp:	617574
Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.9	44.9
170	24.3	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

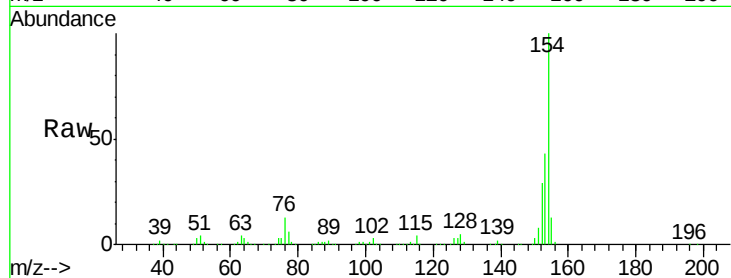




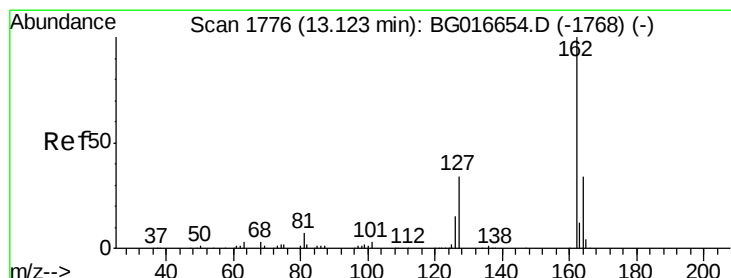
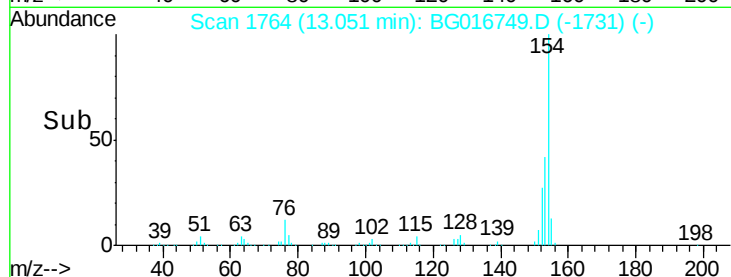
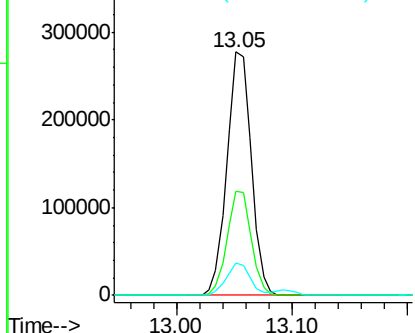
#45
 1,1'-Biphenyl
 Concen: 29.26 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Tgt Ion:154 Resp: 404354
 Ion Ratio Lower Upper
 154 100
 153 42.6 21.8 61.8
 76 13.1 0.0 33.7

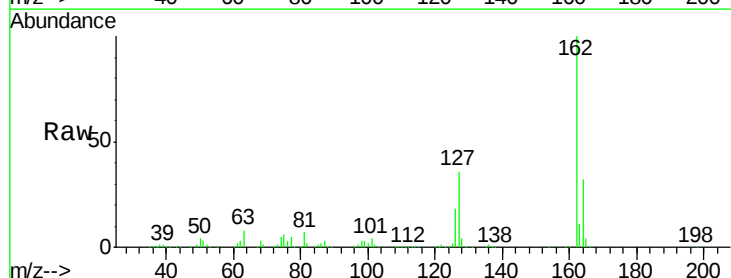


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

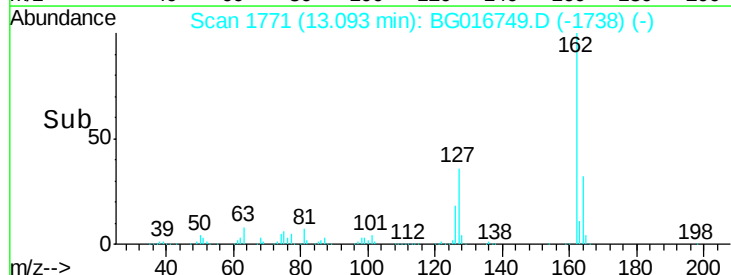
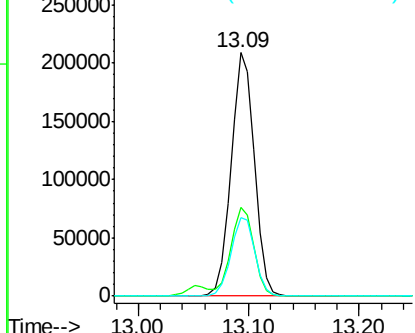


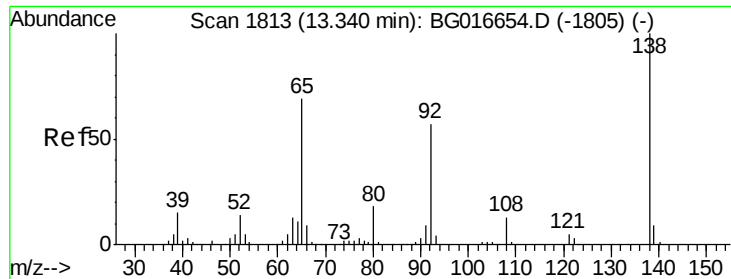
#46
 2-Chloronaphthalene
 Concen: 29.03 ng
 RT: 13.09 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG016749.D
 Acq: 28 Apr 2015 2:51

Tgt Ion:162 Resp: 308376
 Ion Ratio Lower Upper
 162 100
 127 36.2 30.4 45.6
 164 32.4 26.9 40.3



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

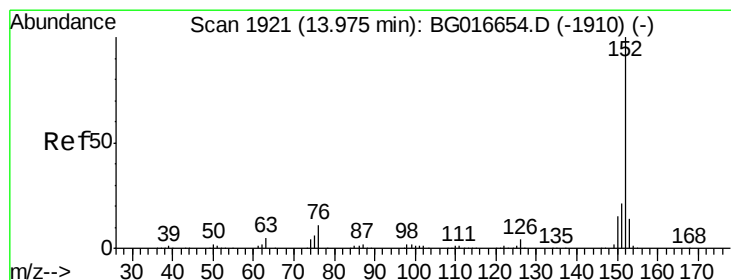
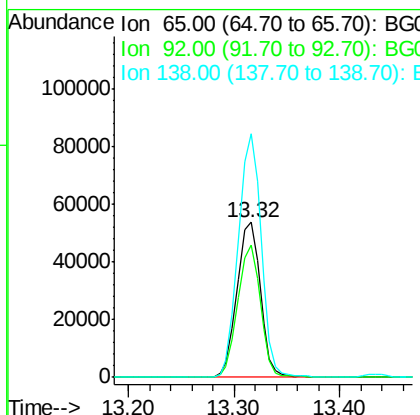
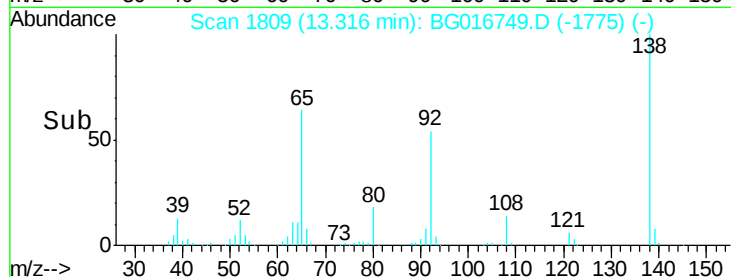
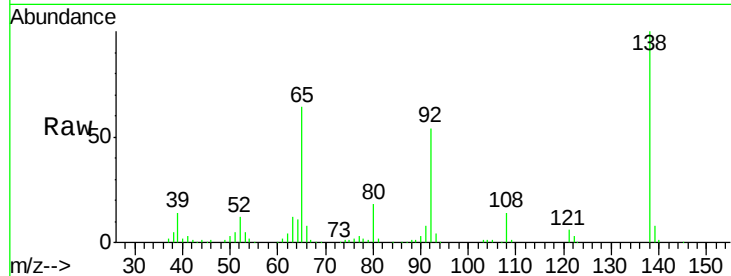




#47
2-Nitroaniline
Concen: 28.47 ng
RT: 13.32 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

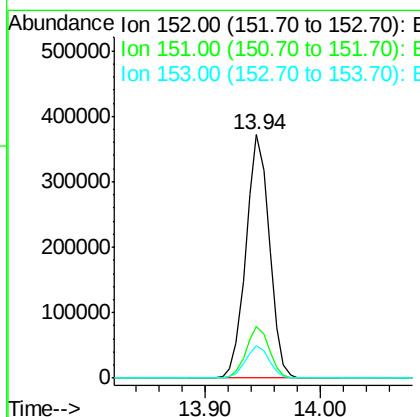
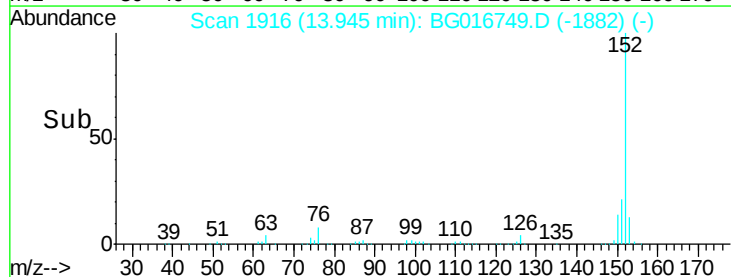
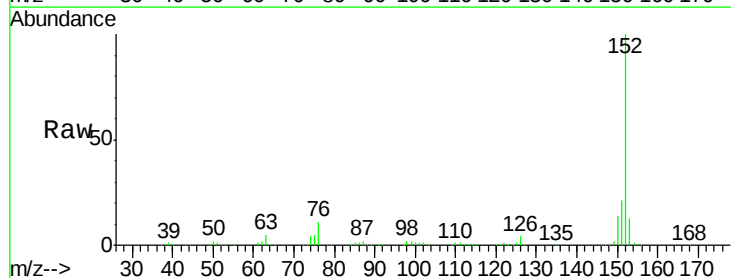
Instrument :
BNA_G
ClientSampleId :
SB-2MS

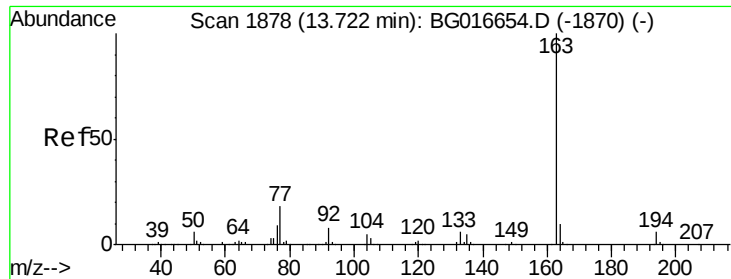
Tgt Ion: 65 Resp: 82489
Ion Ratio Lower Upper
65 100
92 85.1 65.9 98.9
138 157.2 115.4 173.2



#48
Acenaphthylene
Concen: 28.16 ng
RT: 13.94 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BG016749.D
Acq: 28 Apr 2015 2:51

Tgt Ion: 152 Resp: 523766
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1
153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 32.09 ng

RT: 13.69 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

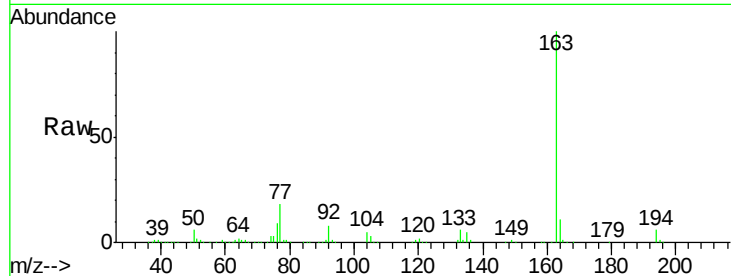
Tgt Ion:163 Resp: 422311

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

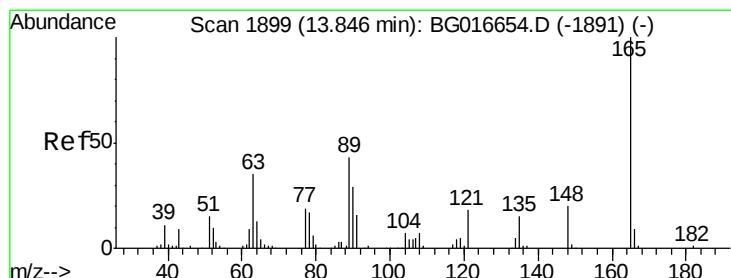
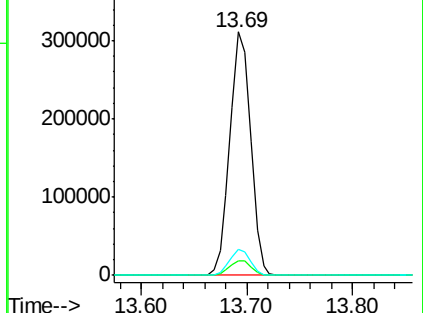
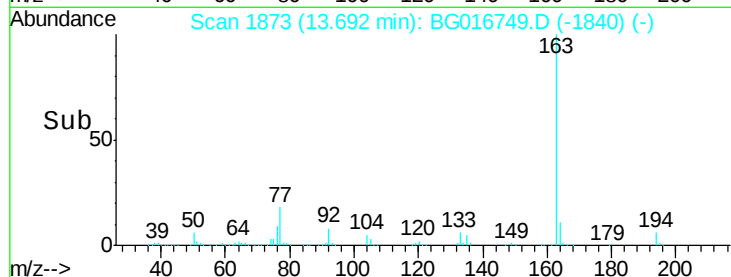
164 10.6 7.8 11.8



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: 30.01 ng

RT: 13.82 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

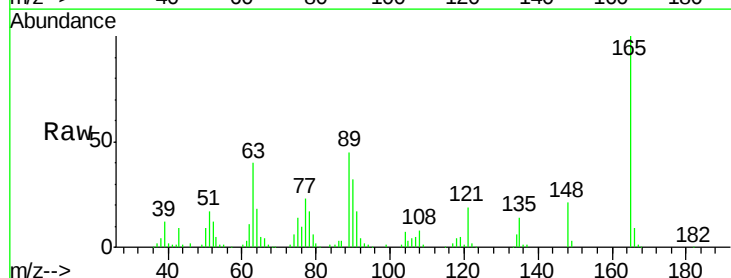
Tgt Ion:165 Resp: 96915

Ion Ratio Lower Upper

165 100

63 40.2 31.5 47.3

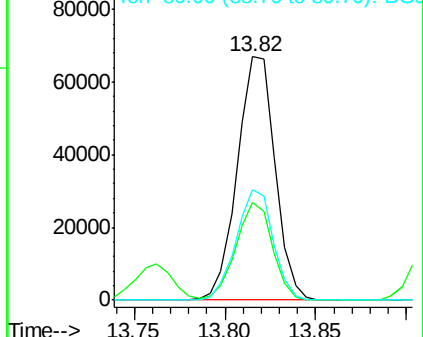
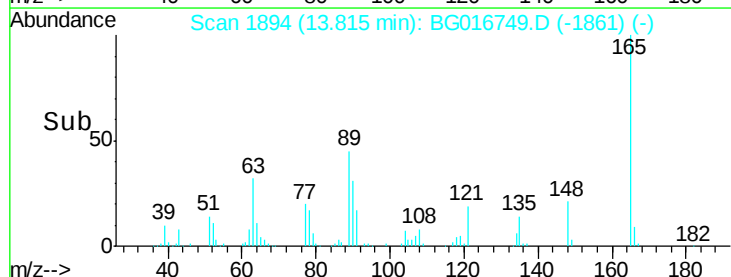
89 45.3 34.7 52.1

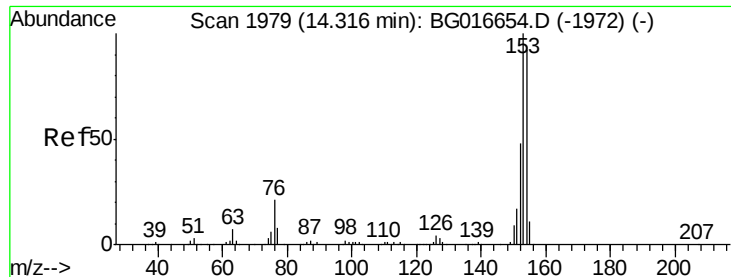


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 28.75 ng

RT: 14.29 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SB-2MS

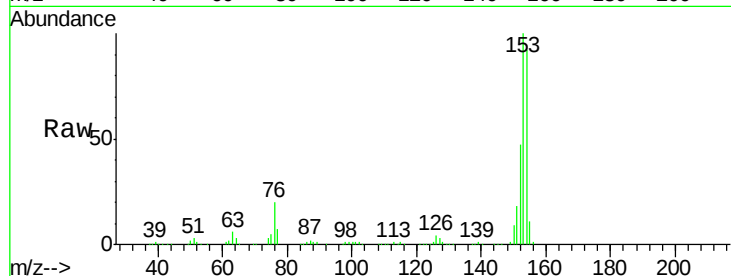
Tgt Ion:154 Resp: 321059

Ion Ratio Lower Upper

154 100

153 108.6 87.0 130.6

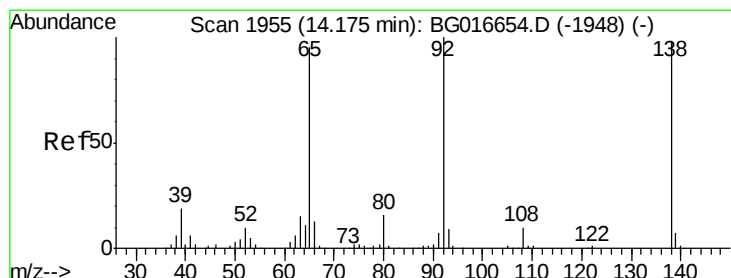
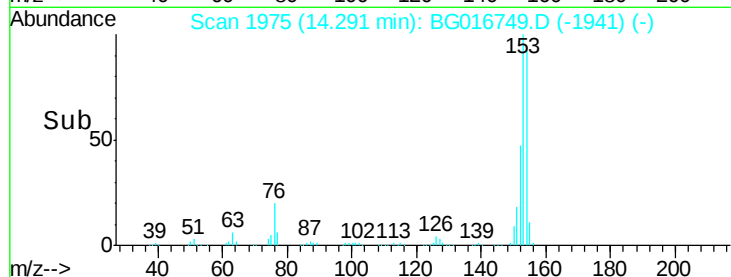
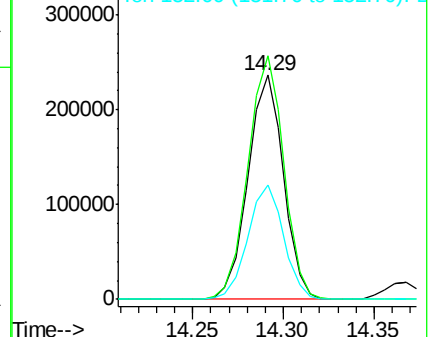
152 51.0 41.6 62.4



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: 19.84 ng

RT: 14.15 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG016749.D

Acq: 28 Apr 2015 2:51

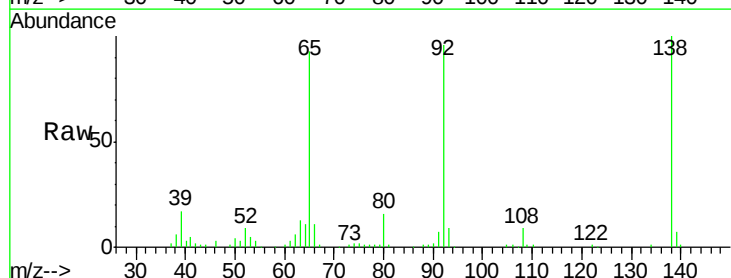
Tgt Ion:138 Resp: 77443

Ion Ratio Lower Upper

138 100

108 9.0 7.8 11.6

92 95.8 81.9 122.9



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

