

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024639.D
 Acq On : 2 Nov 2016 23:51
 Operator : UM/SJ
 Sample : H5491-11MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0MS

Quant Time: Nov 03 01:34:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	112149	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	438944	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	314604	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	703583	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1019209	20.00	ng	0.00
86) Perylene-d12	25.35	264	1074863	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	406437	59.40	ng	0.00
7) Phenol-d6	7.40	99	419200	44.66	ng	0.00
23) Nitrobenzene-d5	9.44	82	684500	71.00	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	510676	108.65	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1416413	74.83	ng	0.00
78) Terphenyl-d14	20.21	244	2537777	74.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	59330	21.22	ng	98
3) Pyridine	4.07	79	166540	19.90	ng	88
4) n-Nitrosodimethylamine	3.99	42	103723	23.94	ng	# 83
6) Aniline	7.59	93	402483	33.85	ng	97
8) 2-Chlorophenol	7.83	128	259592	37.31	ng	96
9) Benzaldehyde	7.40	77	84766	14.61	ng	96
10) Phenol	7.43	94	202830	20.96	ng	88
11) bis(2-Chloroethyl)ether	7.67	93	331552	45.61	ng	92
12) 1,3-Dichlorobenzene	8.16	146	370000	42.96	ng	97
13) 1,4-Dichlorobenzene	8.30	146	380716	44.75	ng	99
14) 1,2-Dichlorobenzene	8.63	146	362388	44.31	ng	96
15) Benzyl Alcohol	8.50	79	294153	33.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.80	45	554462	41.11	ng	95
17) 2-Methylphenol	8.70	107	214324	33.43	ng	95
18) Hexachloroethane	9.36	117	146455	44.78	ng	92
19) n-Nitroso-di-n-propylamine	9.07	70	305150	44.11	ng	91
20) 3+4-Methylphenols	9.03	107	283800	32.97	ng	95
22) Acetophenone	9.10	105	528776	46.90	ng	# 94
24) Nitrobenzene	9.49	77	475106	44.30	ng	97
25) Isophorone	10.00	82	835407	46.59	ng	97
26) 2-Nitrophenol	10.20	139	281600	70.74	ng	94
27) 2,4-Dimethylphenol	10.24	122	267490	38.38	ng	96
28) bis(2-Chloroethoxy)methane	10.48	93	465377	50.16	ng	97
29) 2,4-Dichlorophenol	10.73	162	319862	43.73	ng	98
30) 1,2,4-Trichlorobenzene	10.95	180	392696	45.26	ng	97
31) Naphthalene	11.15	128	985741	45.02	ng	98
32) Benzoic acid	10.24	122	267490	46.09	ng	# 9
33) 4-Chloroaniline	11.25	127	392885	41.33	ng	92
34) Hexachlorobutadiene	11.41	225	309234	45.54	ng	99
35) Caprolactam	12.01	113	34738	12.97	ng	# 79
36) 4-Chloro-3-methylphenol	12.34	107	330285	37.40	ng	# 92
37) 2-Methylnaphthalene	12.73	142	739244	46.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	507064	47.79	ng	98
40) Hexachlorocyclopentadiene	13.06	237	562202	94.08	ng	95

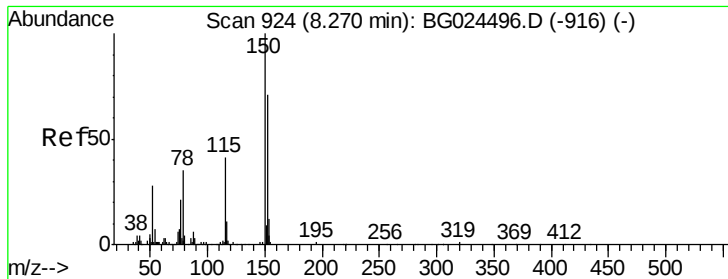
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
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Instrument :
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 GW-71-7.7-14.OMS

Quant Time: Nov 03 01:34:49 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	335268	52.56	ng	98
43) 2,4,5-Trichlorophenol	13.39	196	318748	46.22	ng	93
45) 1,1'-Biphenyl	13.72	154	989457	45.32	ng	98
46) 2-Chloronaphthalene	13.77	162	810428	48.75	ng	98
47) 2-Nitroaniline	13.97	65	311784	45.81	ng	95
48) Acenaphthylene	14.61	152	1163458	45.64	ng	96
49) Dimethylphthalate	14.32	163	1035893	46.38	ng	99
50) 2,6-Dinitrotoluene	14.45	165	234037	49.08	ng	92
51) Acenaphthene	14.95	154	770949	40.57	ng	98
52) 3-Nitroaniline	14.79	138	211155	42.80	ng	96
54) Dibenzofuran	15.28	168	1277066	48.60	ng	96
55) 4-Nitrophenol	15.07	139	140831	32.76	ng	# 88
56) 2,4-Dinitrotoluene	15.24	165	326101	47.07	ng	# 96
57) Fluorene	15.93	166	1021055	46.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	256059	35.82	ng	# 95
59) Diethylphthalate	15.68	149	1073484	45.84	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	575747	47.09	ng	96
61) 4-Nitroaniline	15.95	138	245035	45.46	ng	97
62) Azobenzene	16.20	77	1108514	47.47	ng	96
65) n-Nitrosodiphenylamine	16.12	169	928164	48.25	ng	99
66) 4-Bromophenyl-phenylether	16.80	248	419697	49.14	ng	99
67) Hexachlorobenzene	16.92	284	459713	48.71	ng	# 90
68) Atrazine	17.06	200	417891	50.65	ng	97
69) Pentachlorophenol	17.27	266	74773	12.01	ng	99
70) Phenanthrene	17.67	178	1717238	47.88	ng	97
71) Anthracene	17.76	178	1781164	49.23	ng	99
72) Carbazole	18.03	167	1591775	48.24	ng	99
73) Di-n-butylphthalate	18.56	149	1839518	48.35	ng	97
74) Fluoranthene	19.66	202	2239933	49.41	ng	98
76) Benzidine	19.85	184	5395750	224.69	ng	# 60
77) Pyrene	20.02	202	2293864	46.04	ng	98
79) Butylbenzylphthalate	20.88	149	1009855	48.62	ng	97
80) Benzo(a)anthracene	21.90	228	2674117	47.76	ng	99
81) 3,3'-Dichlorobenzidine	21.80	252	1026128	45.43	ng	98
82) Chrysene	21.97	228	2492998	46.75	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1419046	47.76	ng	99
84) Di-n-octyl phthalate	23.04	149	2401924	48.71	ng	94
85) Indeno(1,2,3-cd)pyrene	29.28	276	3496022	47.50	ng	# 98
87) Benzo(b)fluoranthene	24.32	252	2669392	45.95	ng	98
88) Benzo(k)fluoranthene	24.32	252	2669392	47.58	ng	99
89) Benzo(a)pyrene	25.19	252	2747421	48.39	ng	98
90) Dibenzo(a,h)anthracene	29.36	278	2894493	46.45	ng	98
91) Benzo(g,h,i)perylene	30.53	276	2894270	46.49	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

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Acq: 2 Nov 2016 23:51

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BNA_G

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GW-71-7.7-14.0MS

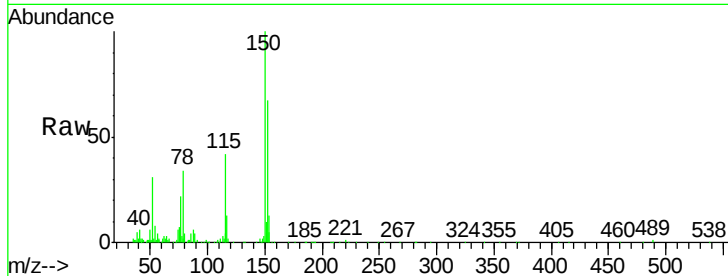
Tgt Ion:152 Resp: 112149

Ion Ratio Lower Upper

152 100

150 148.6 114.0 171.0

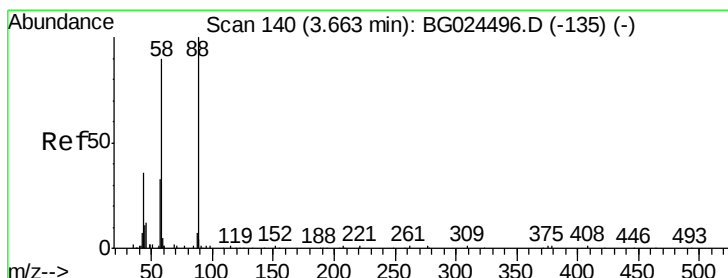
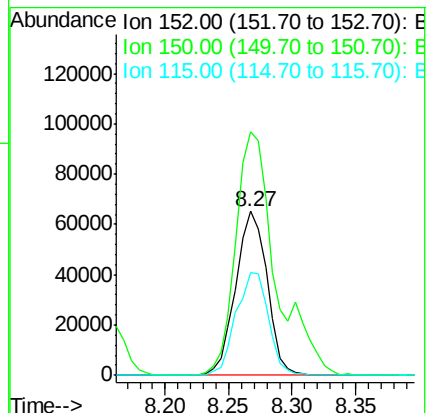
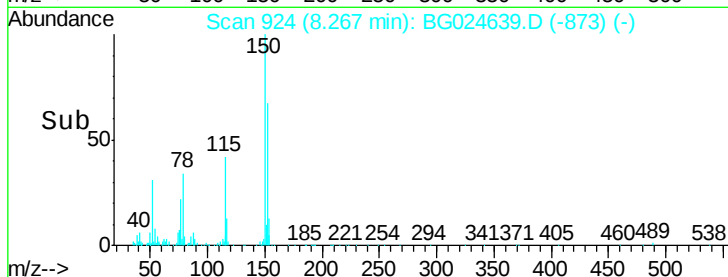
115 63.1 48.1 72.1



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: 21.22 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

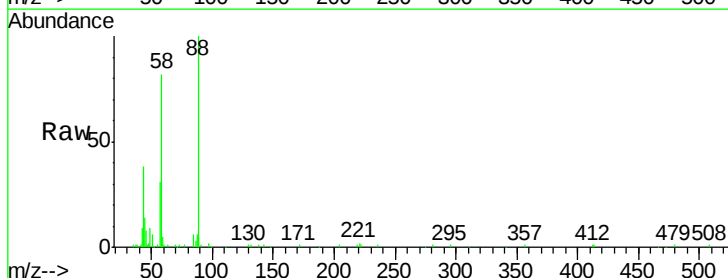
Tgt Ion: 88 Resp: 59330

Ion Ratio Lower Upper

88 100

58 98.2 79.4 119.2

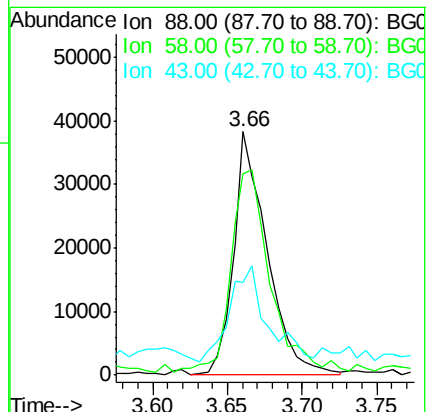
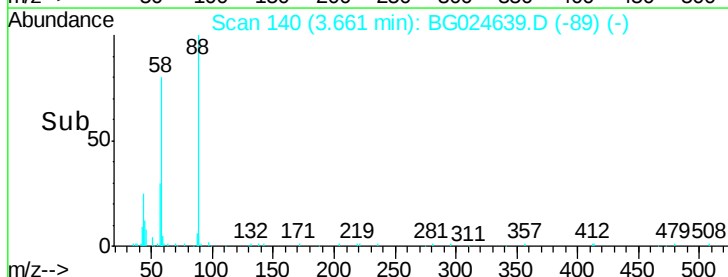
43 45.0 33.8 50.6

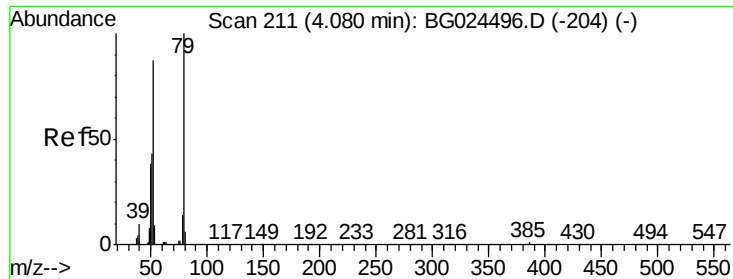


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 19.90 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

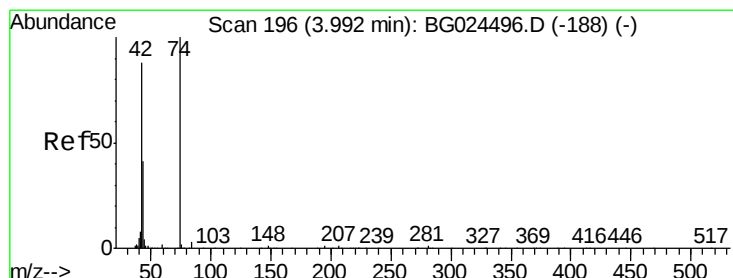
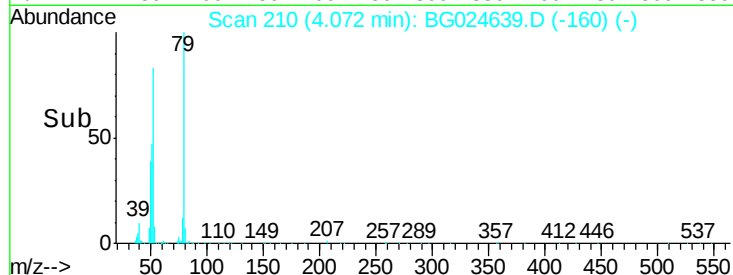
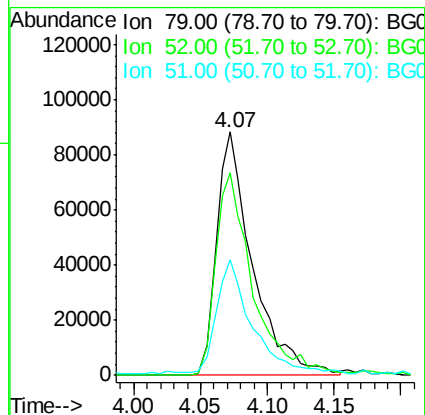
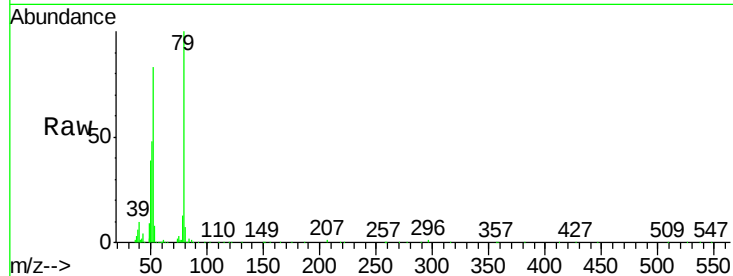
Tgt Ion: 79 Resp: 166540

Ion Ratio Lower Upper

79 100

52 83.4 77.8 116.6

51 47.6 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 23.94 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

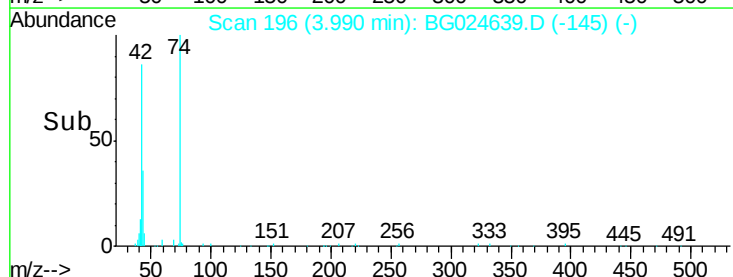
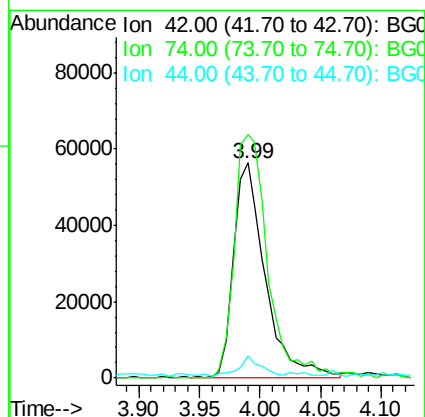
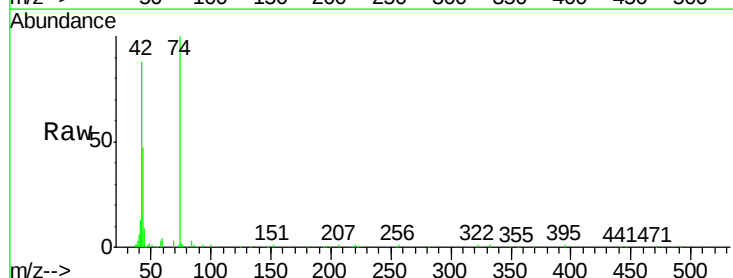
Tgt Ion: 42 Resp: 103723

Ion Ratio Lower Upper

42 100

74 113.1 76.7 115.1

44 10.3 6.1 9.1#





#5

2-Fluorophenol

Concen: 59.40 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

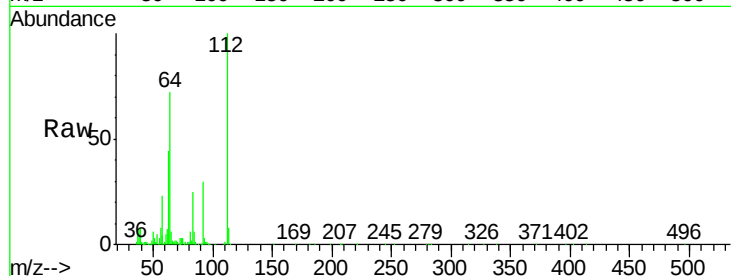
Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

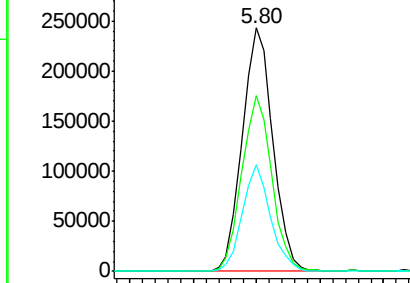
Tgt Ion:	112	Resp:	406437
Ion Ratio	Lower	Upper	
112	100		
64	72.0	61.8	92.6
63	43.6	37.2	55.8



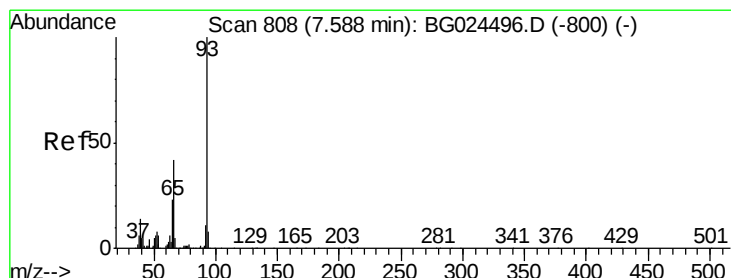
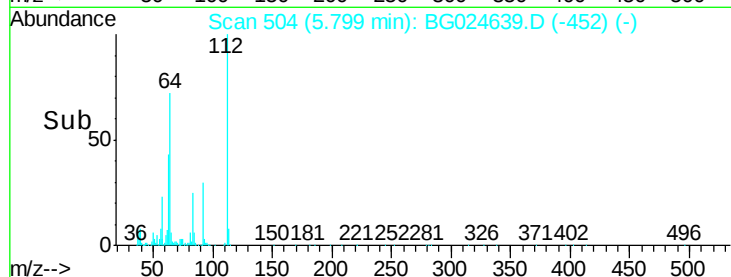
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time--> 5.70 5.75 5.80 5.85 5.90



#6

Aniline

Concen: 33.85 ng

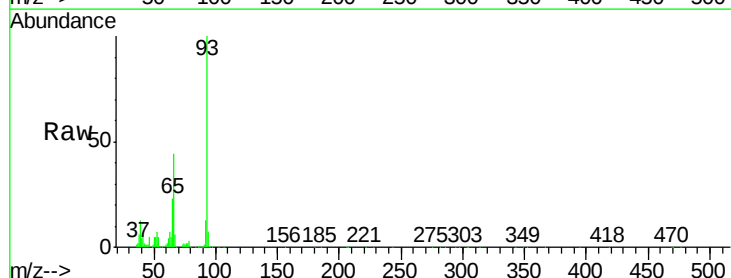
RT: 7.59 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

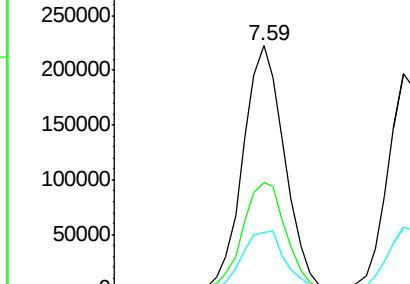
Tgt Ion:	93	Resp:	402483
Ion Ratio	Lower	Upper	
93	100		
66	43.7	35.4	53.2
65	23.5	21.2	31.8



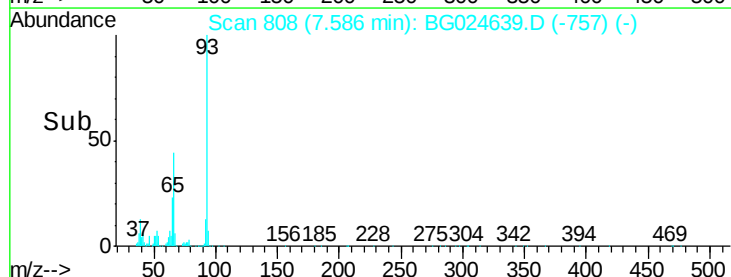
Abundance Ion 93.00 (92.70 to 93.70): BGC

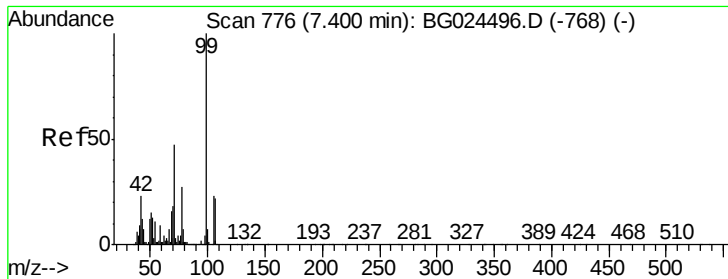
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time--> 7.50 7.55 7.60 7.65





#7

Phenol-d6

Concen: 44.66 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024639.D

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Instrument :

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GW-71-7.7-14.0MS

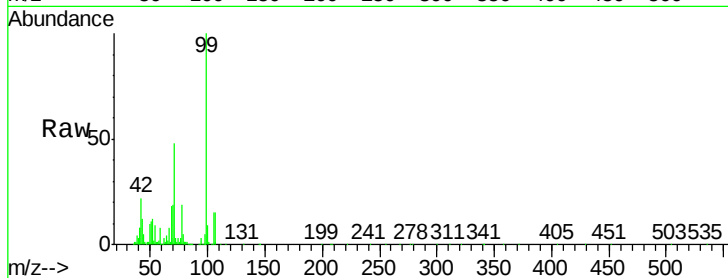
Tgt Ion: 99 Resp: 419200

Ion Ratio Lower Upper

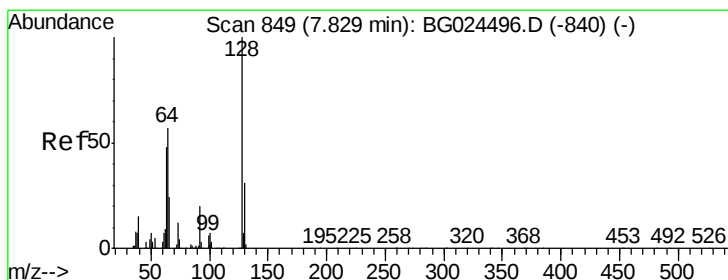
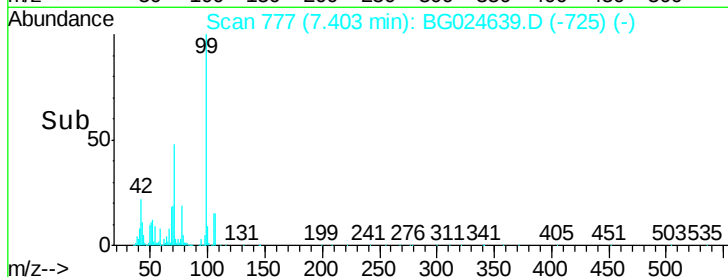
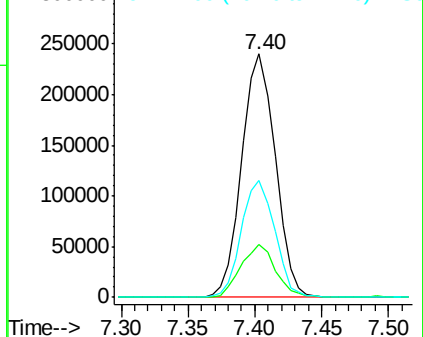
99 100

42 21.7 20.5 30.7

71 47.8 37.6 56.4



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: 37.31 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

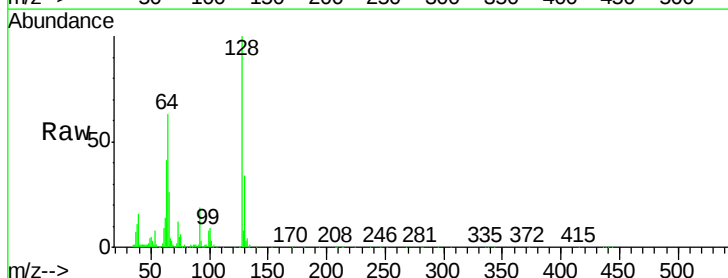
Tgt Ion: 128 Resp: 259592

Ion Ratio Lower Upper

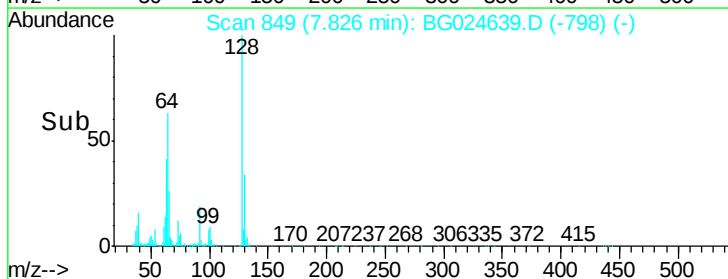
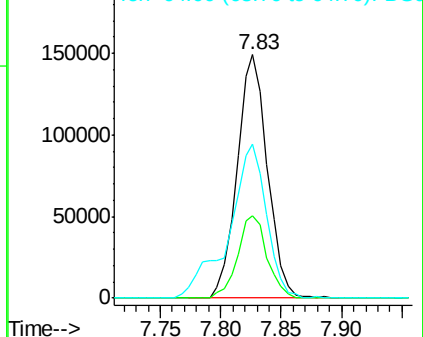
128 100

130 33.8 11.4 51.4

64 63.1 46.6 86.6



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: 14.61 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024639.D

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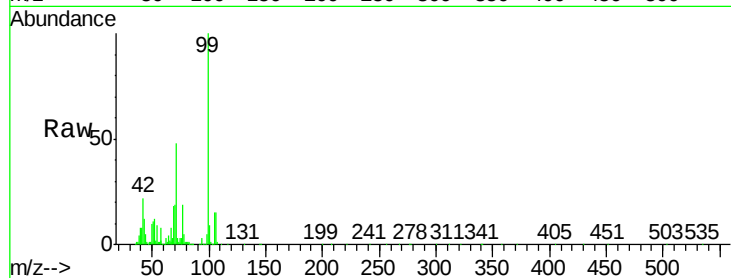
Tgt Ion: 77 Resp: 84766

Ion Ratio Lower Upper

77 100

105 76.0 60.9 100.9

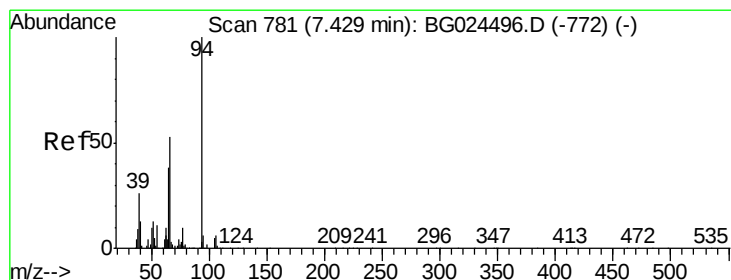
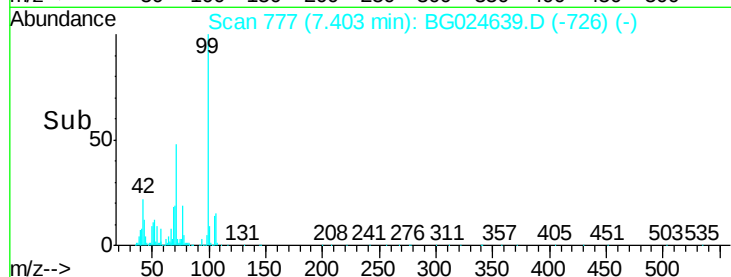
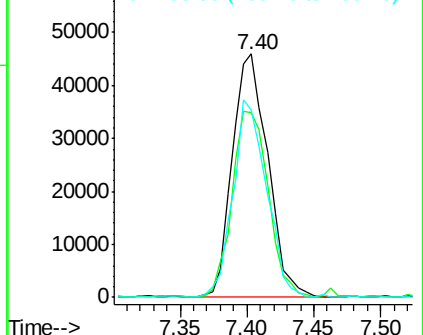
106 77.0 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 20.96 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

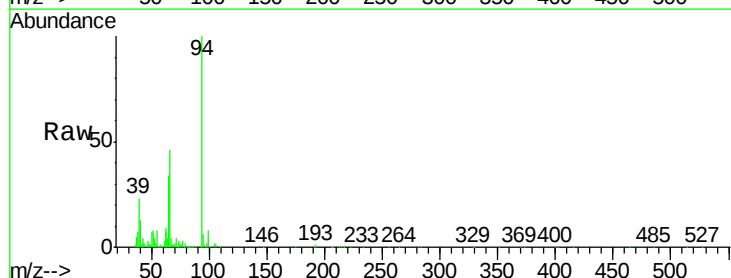
Tgt Ion: 94 Resp: 202830

Ion Ratio Lower Upper

94 100

65 34.4 20.6 60.6

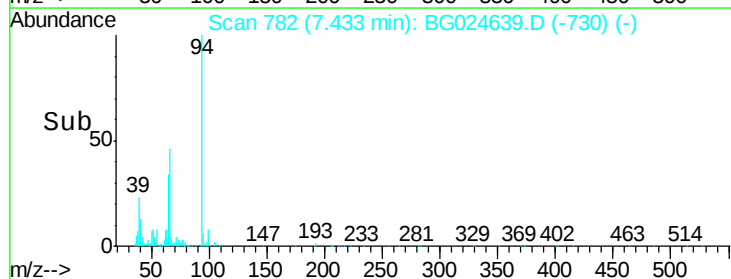
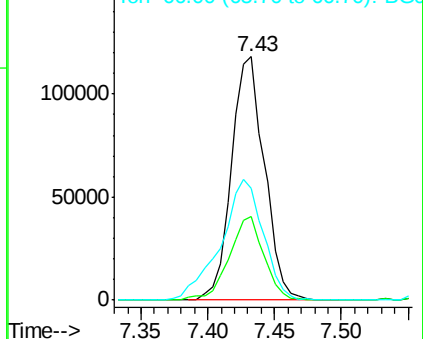
66 46.0 35.5 75.5

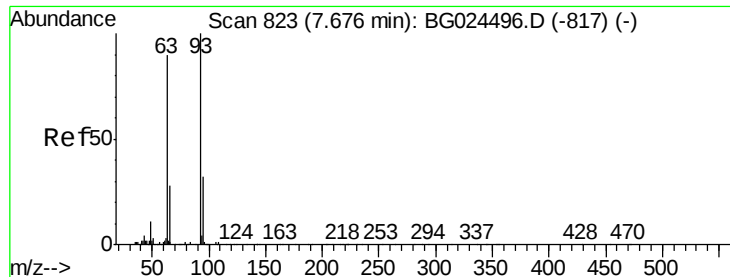


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

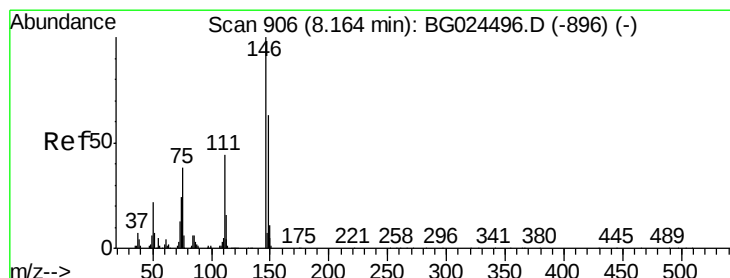
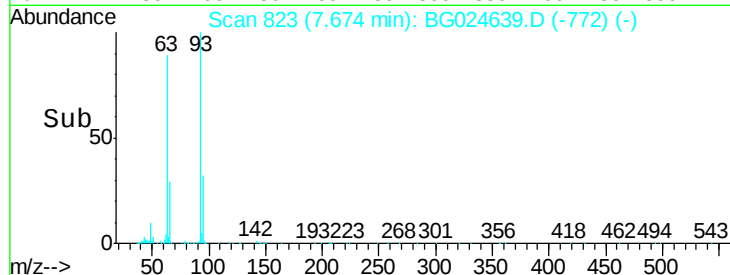
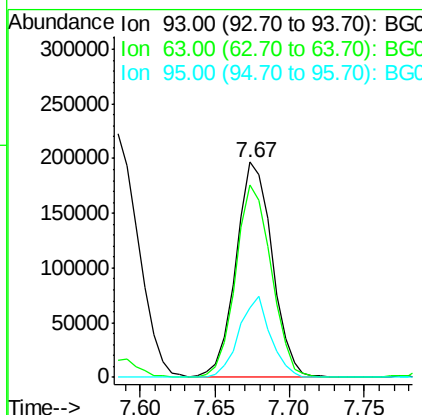
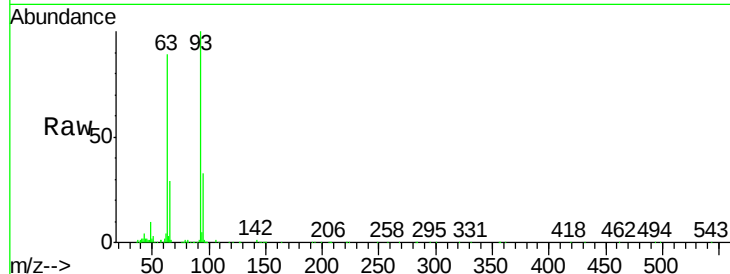




#11
bis(2-Chloroethyl)ether
Concen: 45.61 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

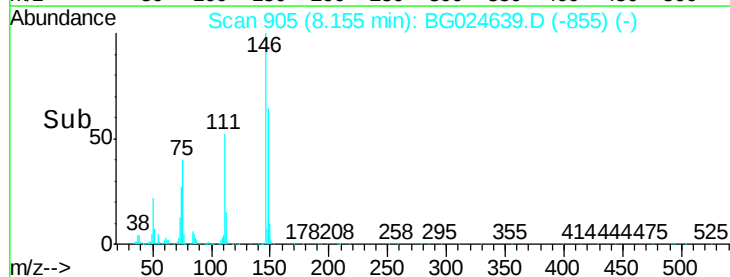
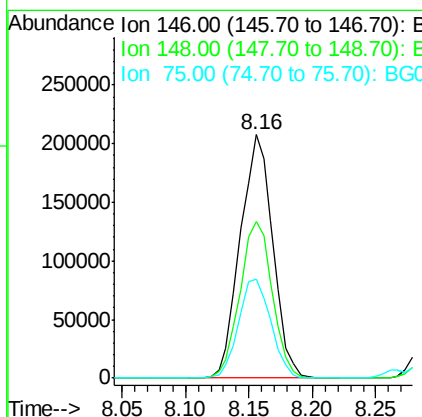
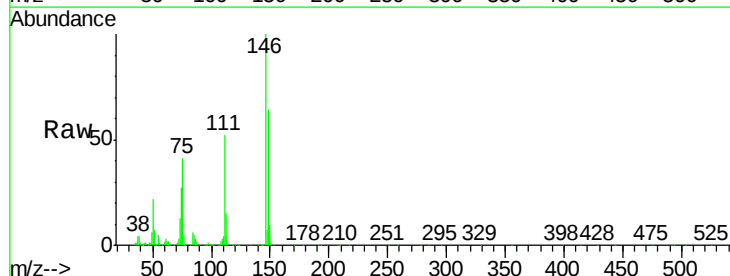
Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion: 93 Resp: 331552
Ion Ratio Lower Upper
93 100
63 89.4 78.5 118.5
95 32.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 42.96 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion: 146 Resp: 370000
Ion Ratio Lower Upper
146 100
148 64.2 49.2 73.8
75 40.6 33.4 50.2

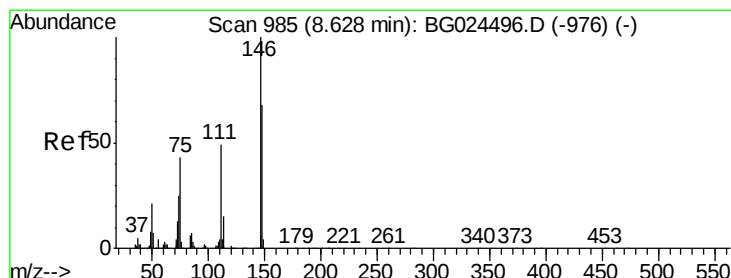
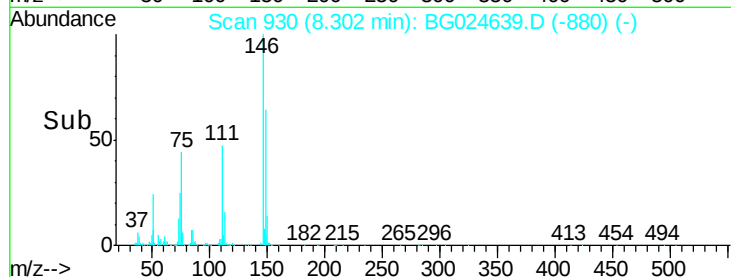
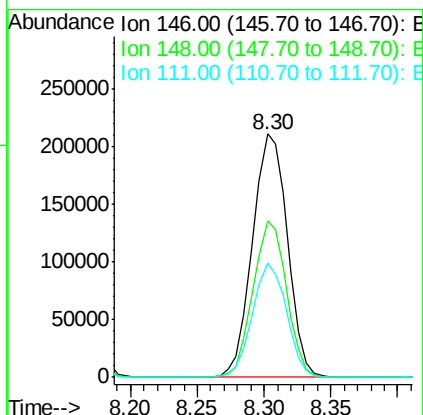
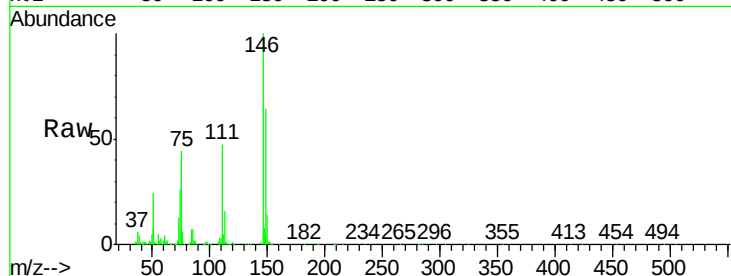




#13
 1,4-Dichlorobenzene
 Concen: 44.75 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

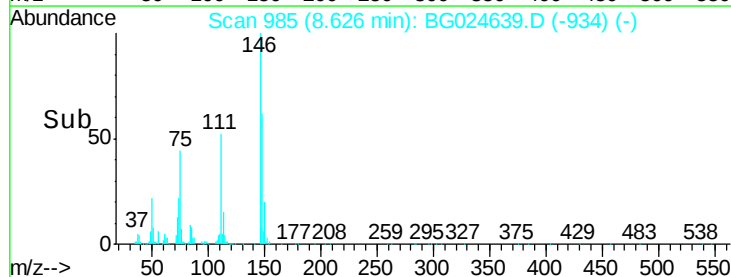
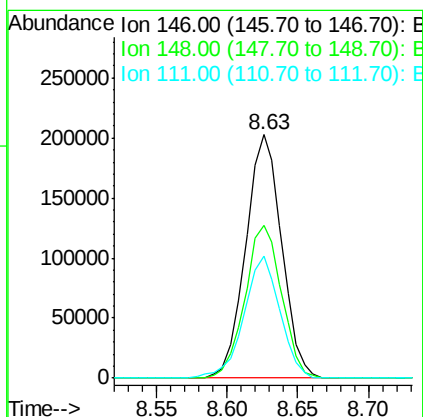
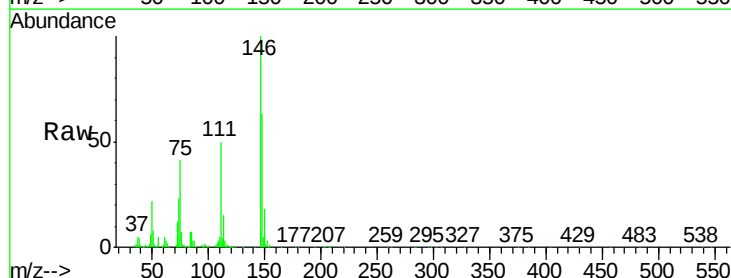
Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0MS

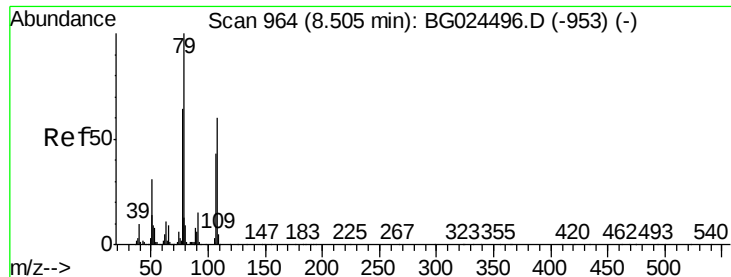
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	46.9	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 44.31 ng
 RT: 8.63 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	54.6	81.8
111	50.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 33.69 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

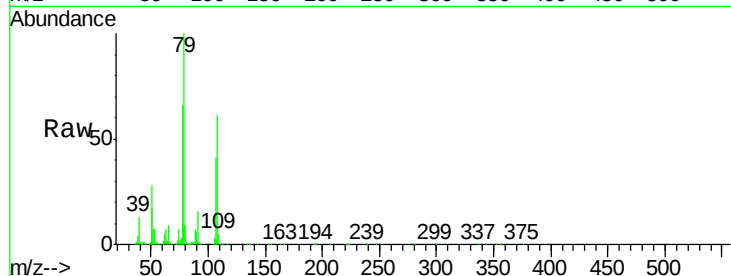
Tgt Ion: 79 Resp: 294153

Ion Ratio Lower Upper

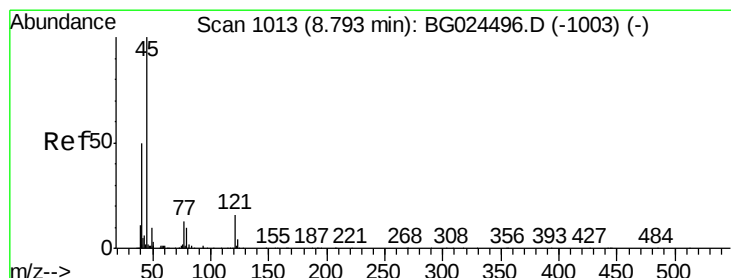
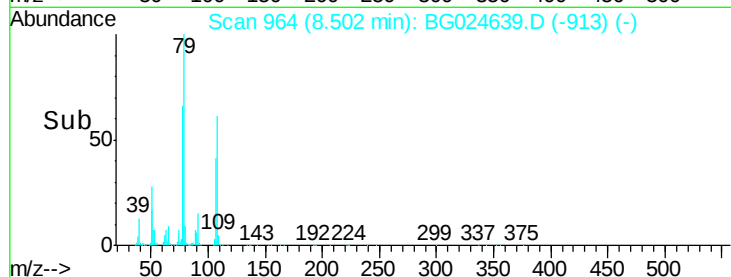
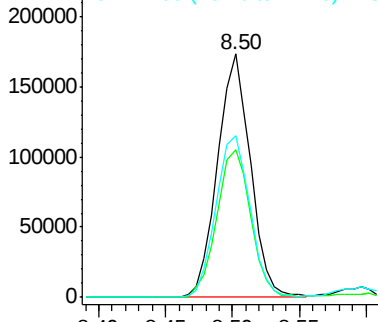
79 100

108 60.8 45.5 68.3

77 66.3 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.11 ng

RT: 8.80 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

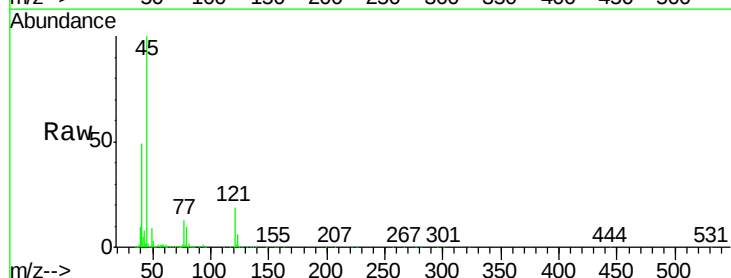
Tgt Ion: 45 Resp: 554462

Ion Ratio Lower Upper

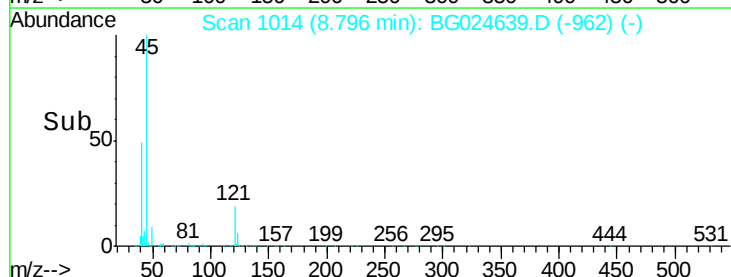
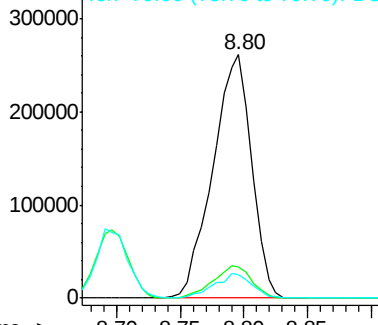
45 100

77 12.7 0.0 30.6

79 9.7 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 33.43 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

Tgt Ion:107 Resp: 214324

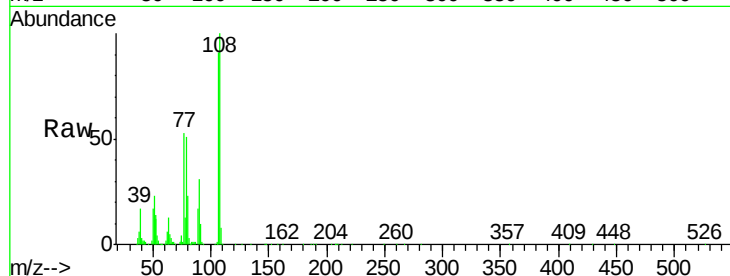
Ion Ratio Lower Upper

107 100

108 110.2 85.6 128.4

77 58.7 51.4 77.2

79 56.4 49.2 73.8

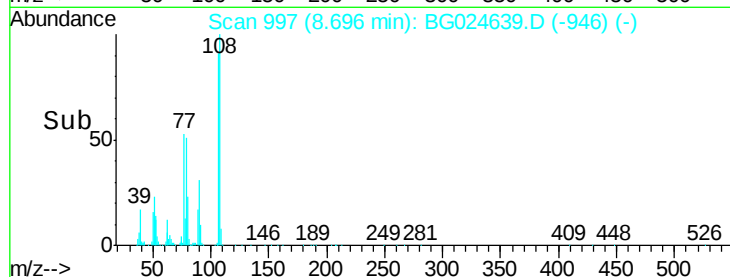


Abundance Ion 107.00 (106.70 to 107.70): E

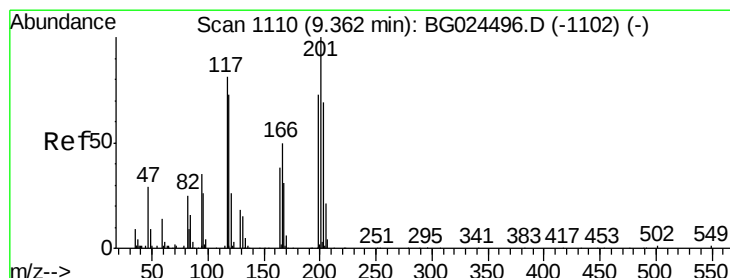
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#18

Hexachloroethane

Concen: 44.78 ng

RT: 9.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

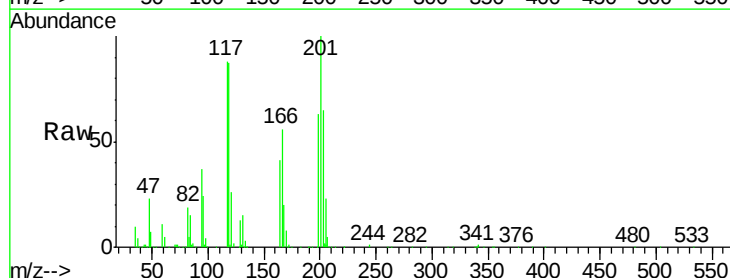
Tgt Ion:117 Resp: 146455

Ion Ratio Lower Upper

117 100

119 98.8 69.8 104.6

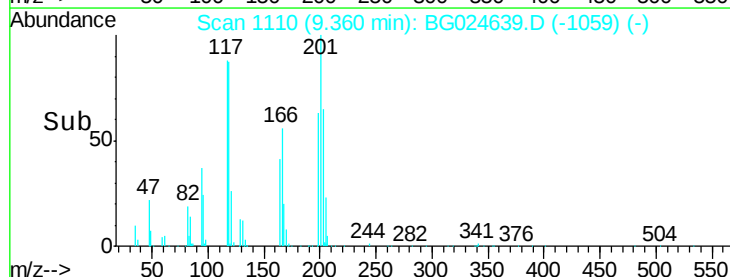
201 113.5 95.4 143.0



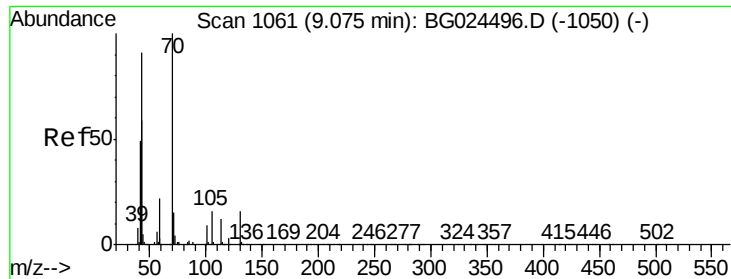
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



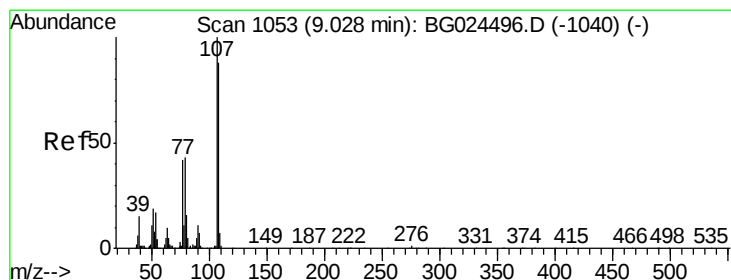
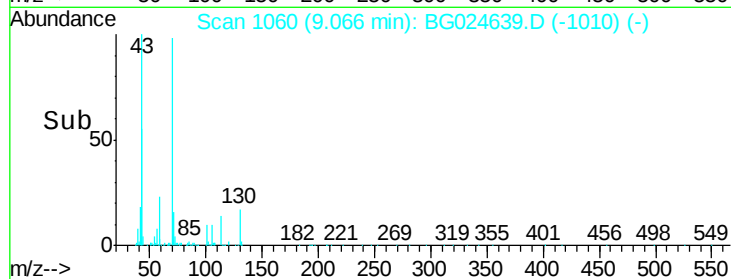
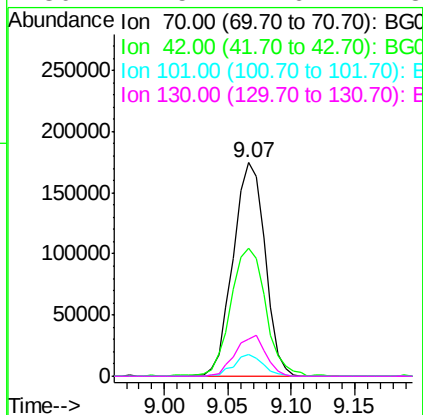
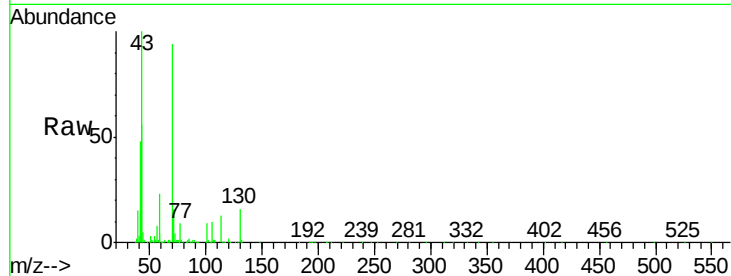
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 44.11 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

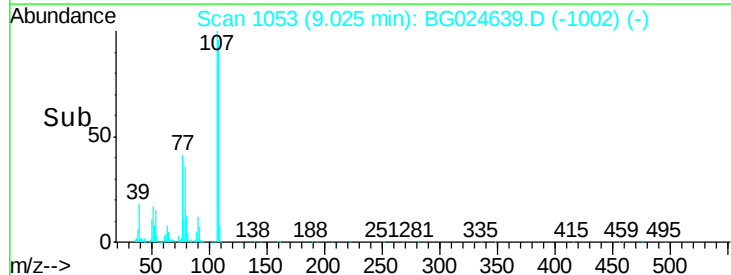
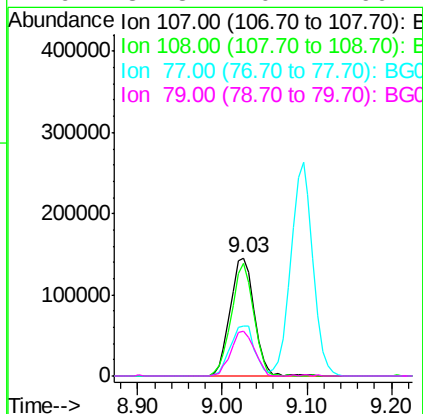
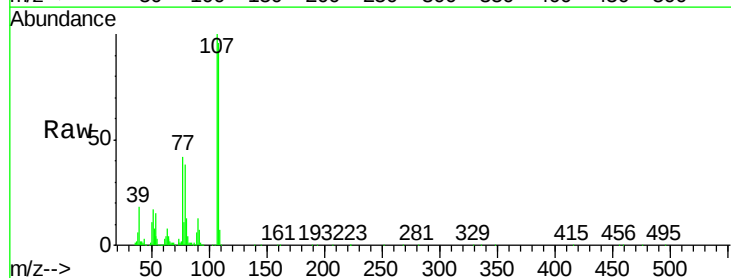
Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion:	70	Resp:	305150
Ion	Ratio	Lower	Upper
70	100		
42	59.9	56.1	84.1
101	10.0	7.5	11.3
130	17.5	14.6	21.8



#20
3+4-Methylphenols
Concen: 32.97 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion:	107	Resp:	283800
Ion	Ratio	Lower	Upper
107	100		
108	95.6	70.8	110.8
77	42.0	25.8	65.8
79	37.8	20.1	60.1

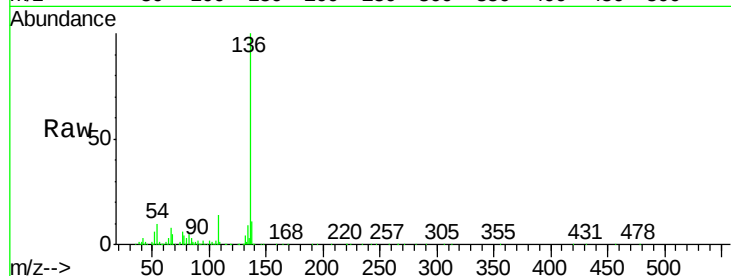




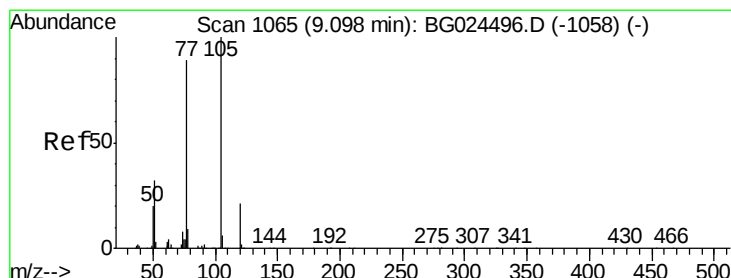
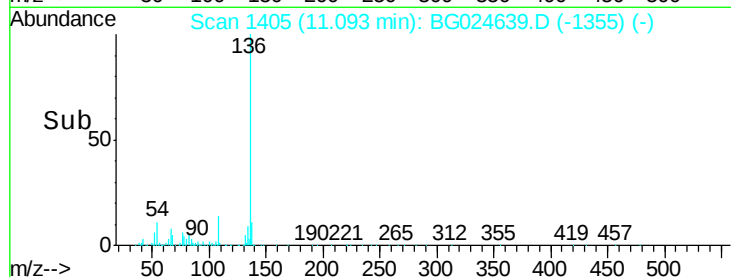
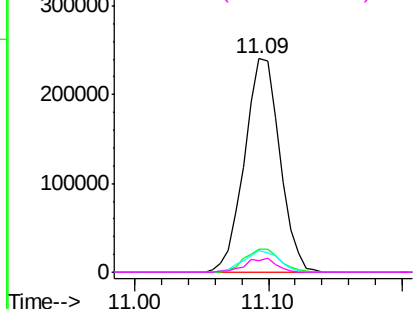
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion:	136	Resp:	438944
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.5	9.3	13.9
68	5.3	5.1	7.7

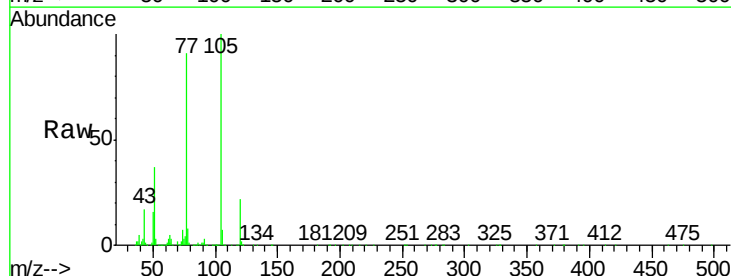


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

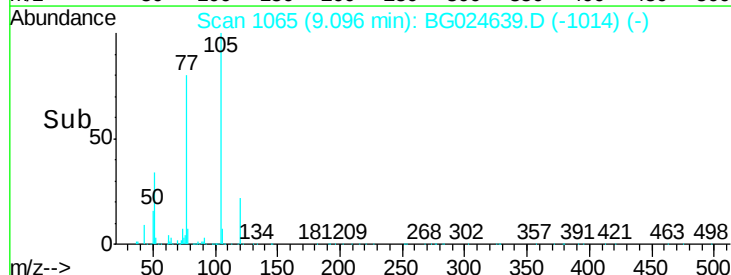
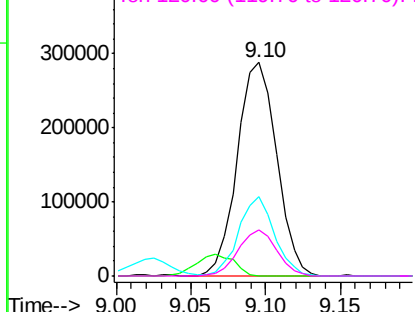


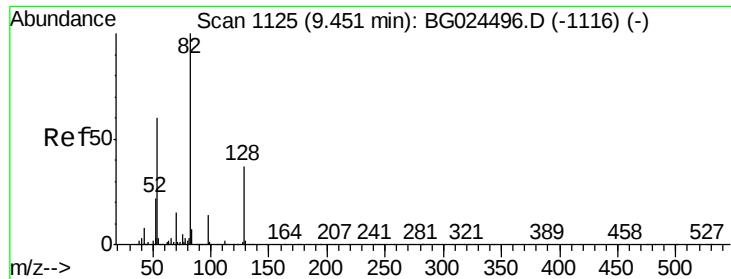
#22
Acetophenone
Concen: 46.90 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion:	105	Resp:	528776
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	36.9	34.0	51.0
120	21.7	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

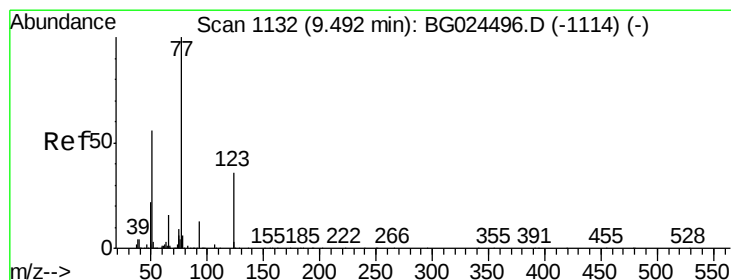
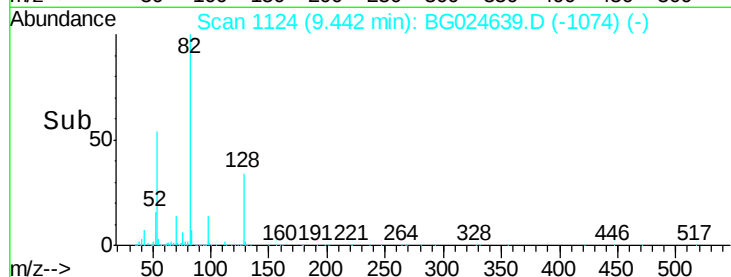
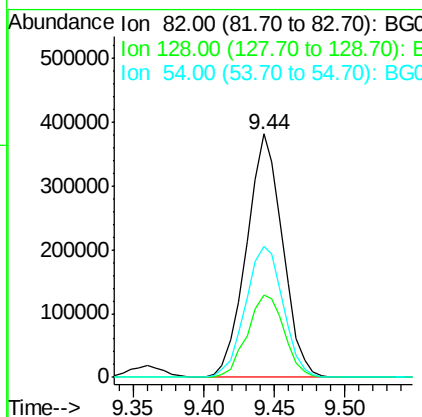
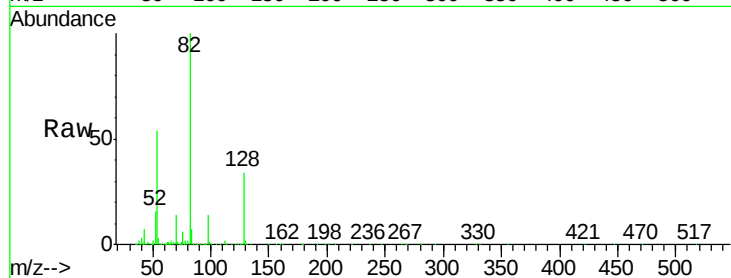




#23
 Nitrobenzene-d5
 Concen: 71.00 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

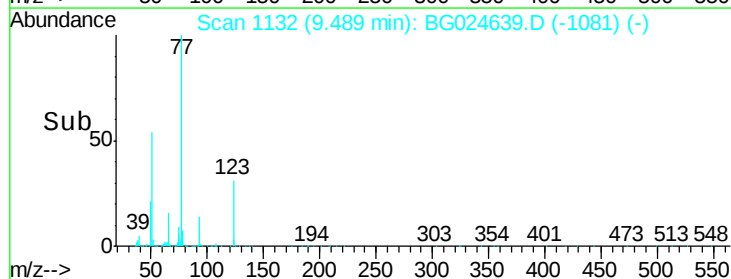
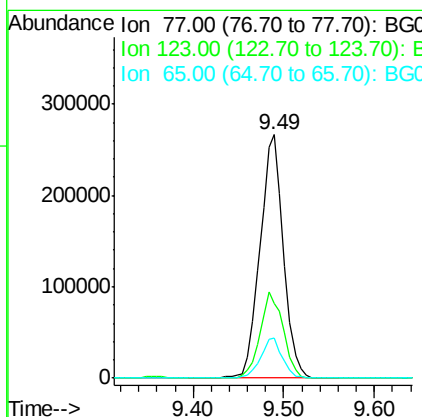
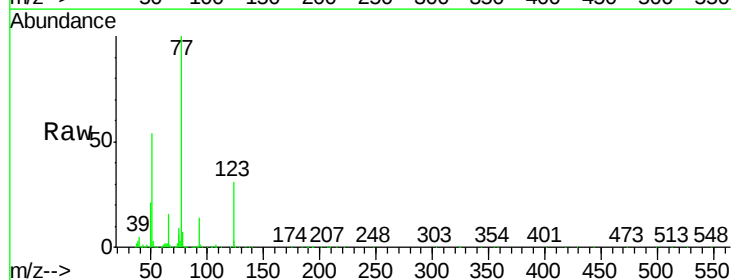
Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0MS

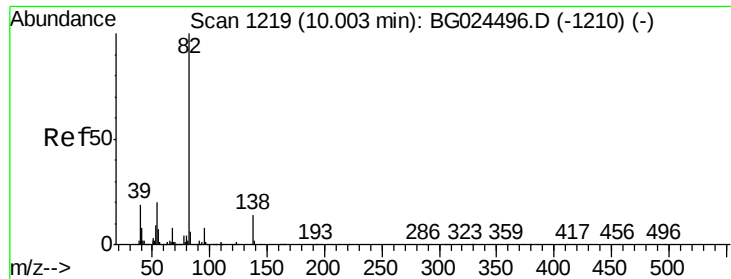
Tgt Ion: 82 Resp: 684500
 Ion Ratio Lower Upper
 82 100
 128 33.7 26.4 39.6
 54 53.8 49.4 74.2



#24
 Nitrobenzene
 Concen: 44.30 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

Tgt Ion: 77 Resp: 475106
 Ion Ratio Lower Upper
 77 100
 123 30.9 26.1 39.1
 65 16.4 12.4 18.6





#25

Isophorone

Concen: 46.59 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

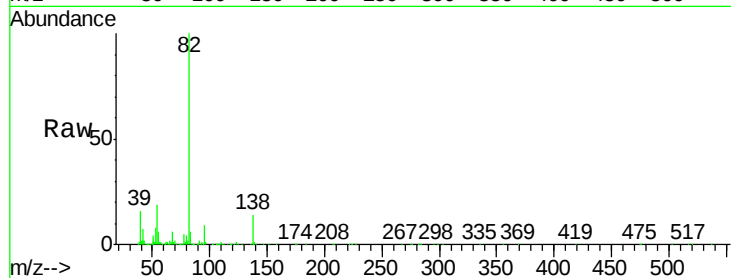
Tgt Ion: 82 Resp: 835407

Ion Ratio Lower Upper

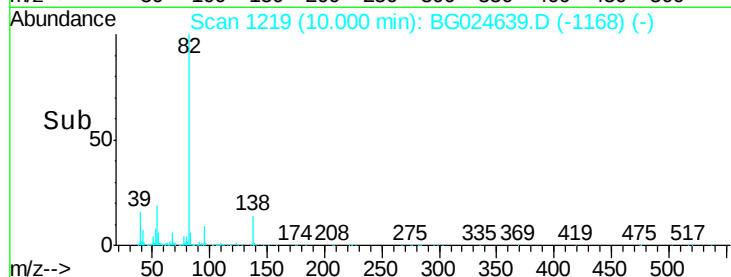
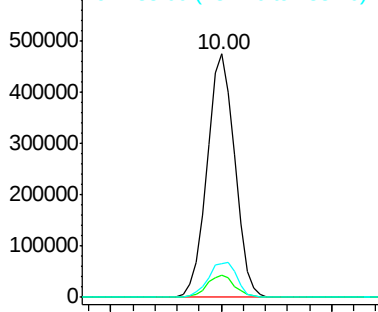
82 100

95 9.0 7.5 11.3

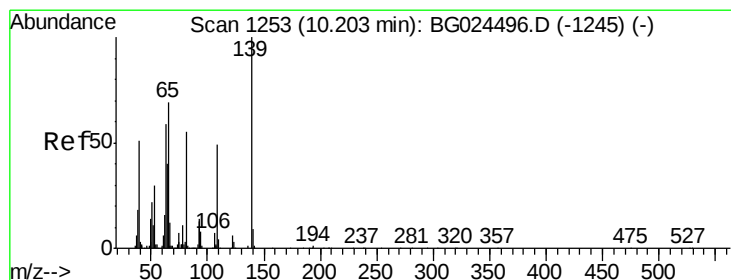
138 14.0 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#26

2-Nitrophenol

Concen: 70.74 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

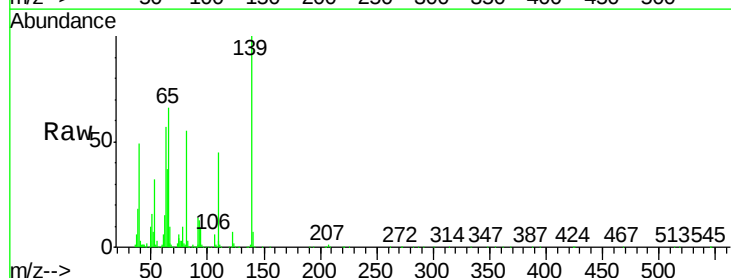
Tgt Ion: 139 Resp: 281600

Ion Ratio Lower Upper

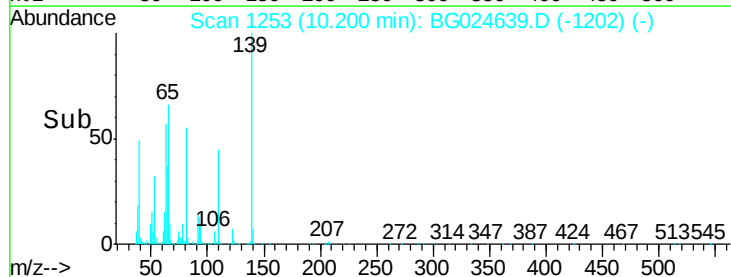
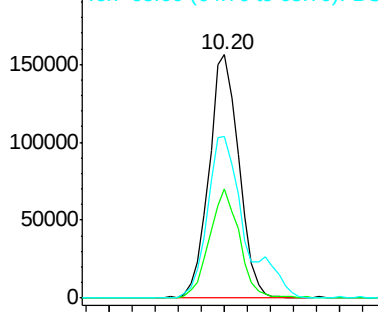
139 100

109 45.1 38.6 58.0

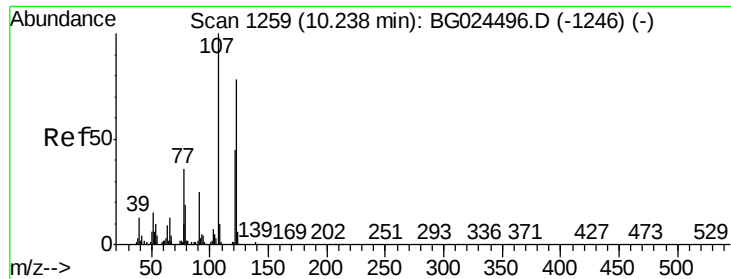
65 66.3 57.1 85.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



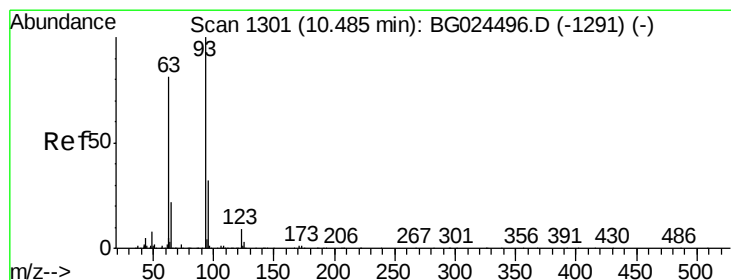
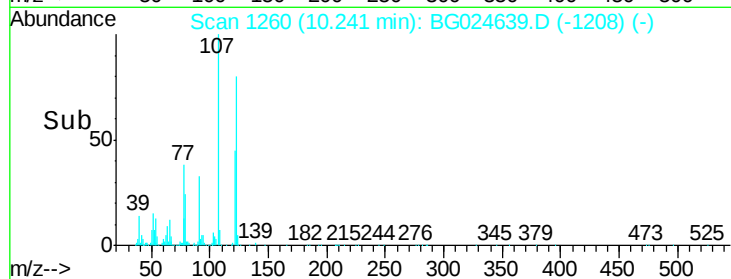
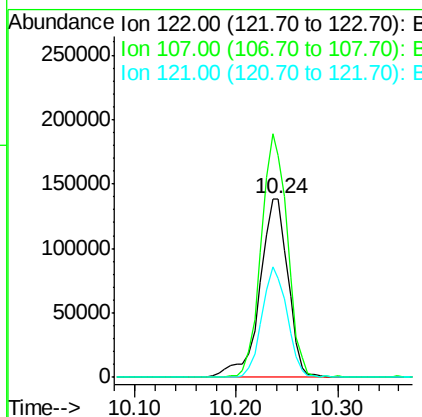
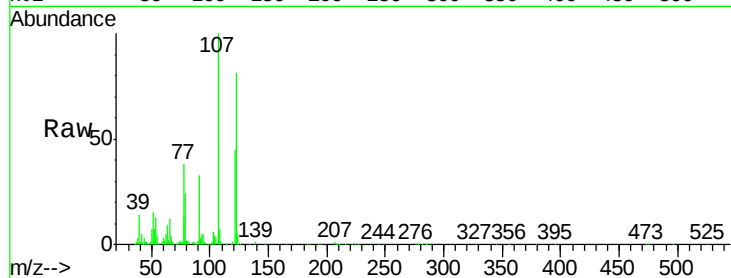
Time-->



#27
 2,4-Dimethylphenol
 Concen: 38.38 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

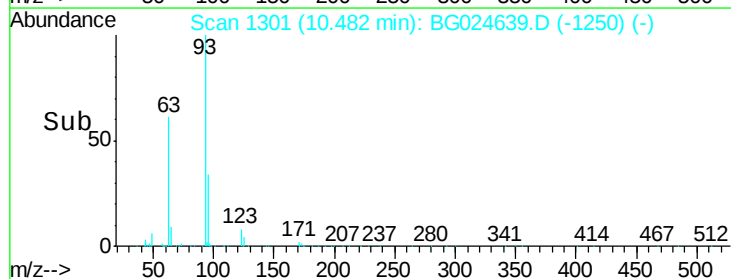
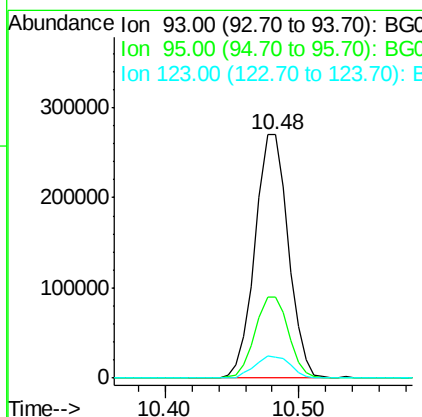
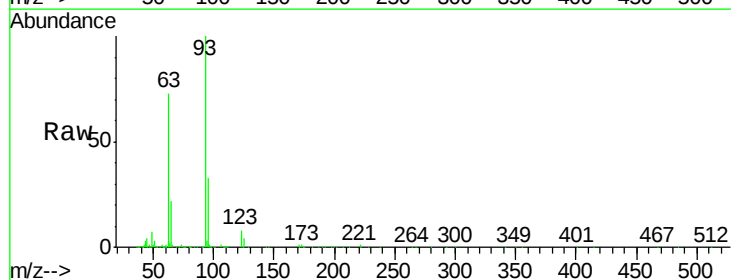
Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0MS

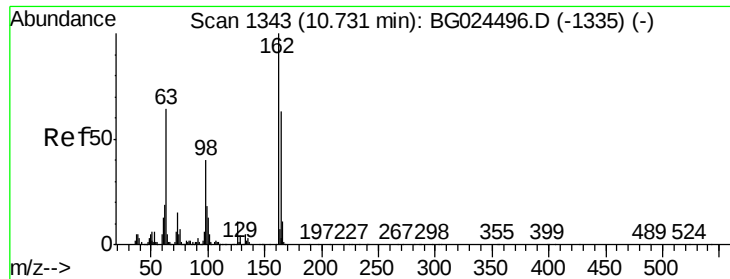
Tgt Ion: 122 Resp: 267490
 Ion Ratio Lower Upper
 122 100
 107 124.0 104.2 156.4
 121 55.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.16 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

Tgt Ion: 93 Resp: 465377
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.7 38.5
 123 8.4 8.3 12.5

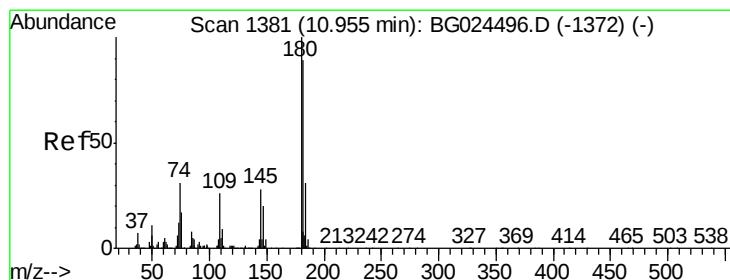
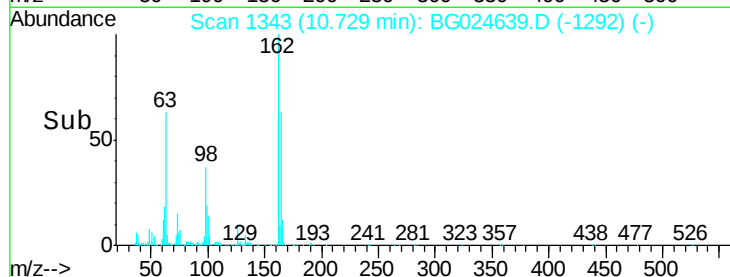
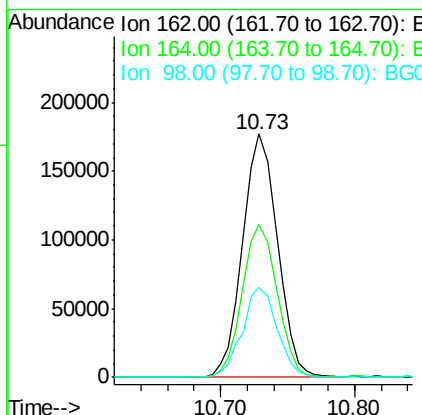
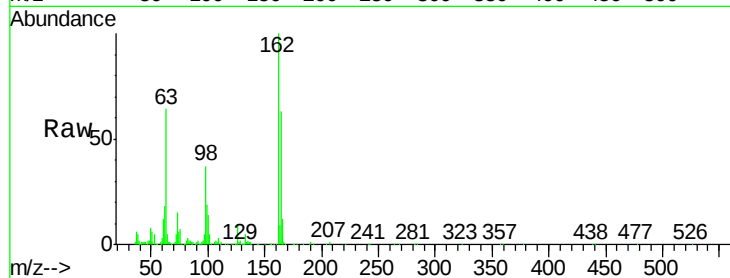




#29
2,4-Dichlorophenol
Concen: 43.73 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

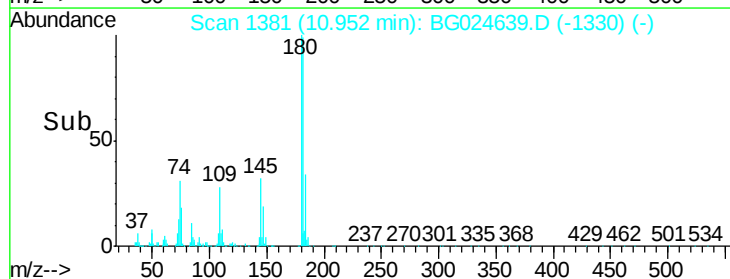
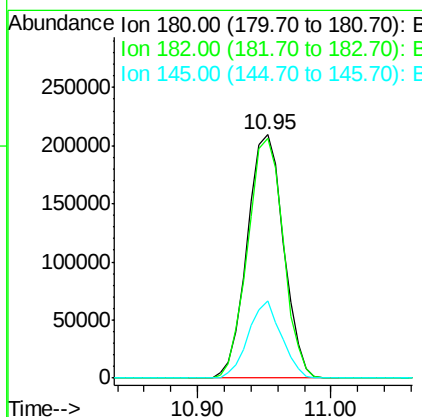
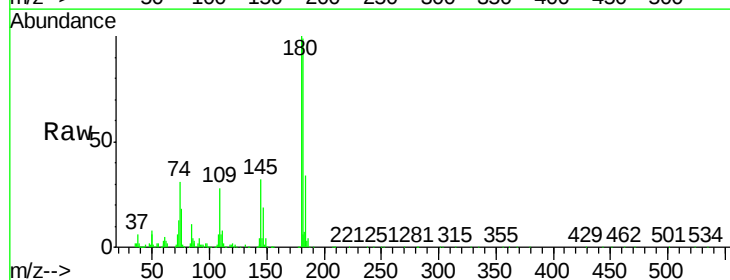
Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

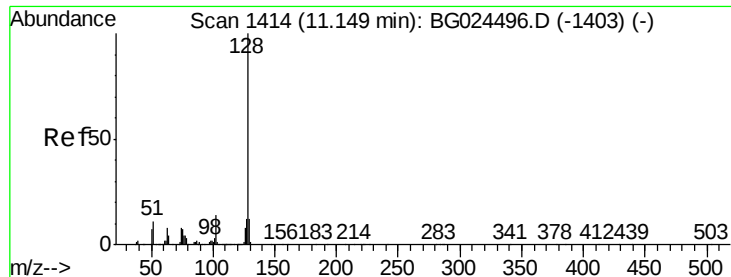
Tgt Ion:	162	Resp:	319862
Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.4	82.4
98	37.2	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 45.26 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion:	180	Resp:	392696
Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.0	115.4
145	31.8	23.4	35.0

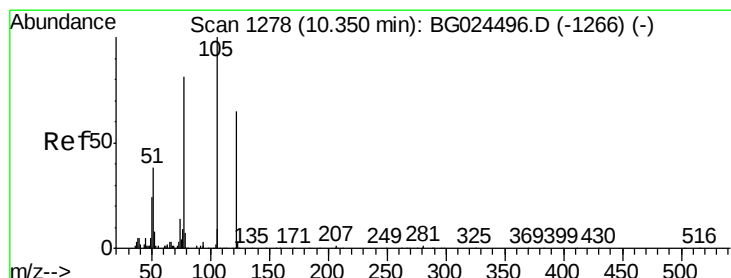
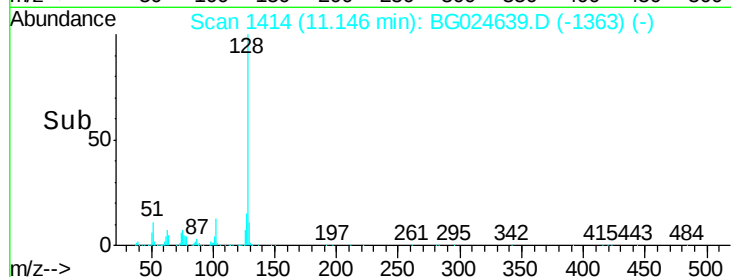
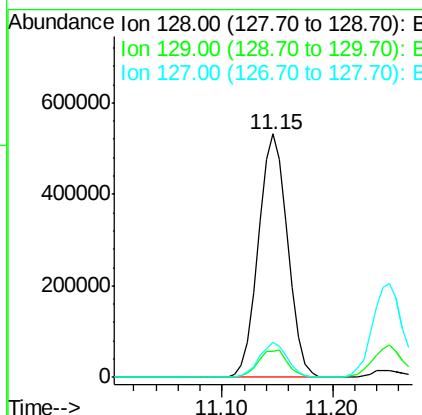
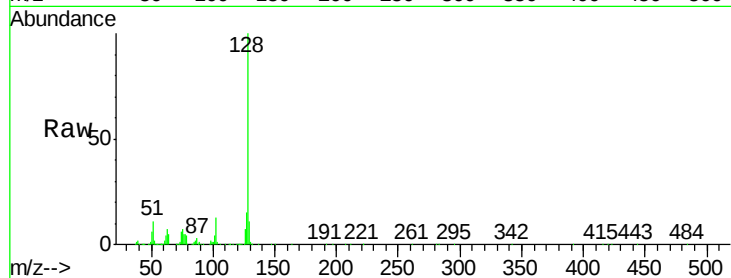




#31
Naphthalene
Concen: 45.02 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

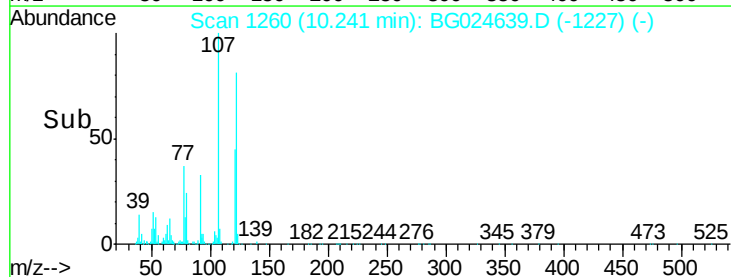
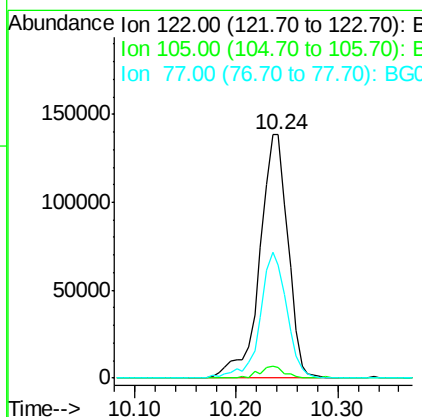
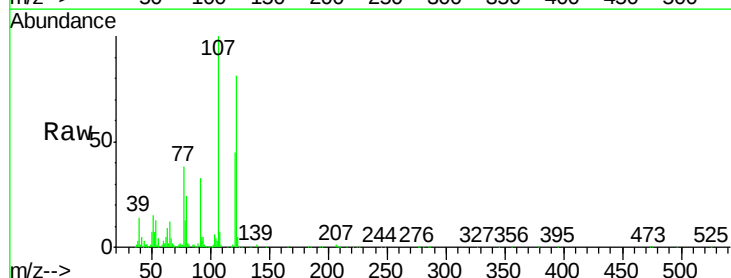
Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion:128 Resp: 985741
Ion Ratio Lower Upper
128 100
129 10.5 9.3 13.9
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 46.09 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.11 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion:122 Resp: 267490
Ion Ratio Lower Upper
122 100
105 4.3 120.1 160.1#
77 46.6 104.6 144.6#

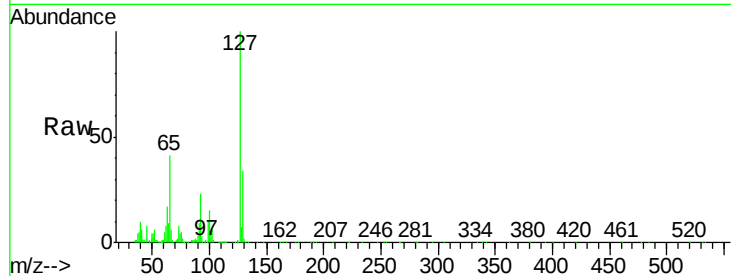




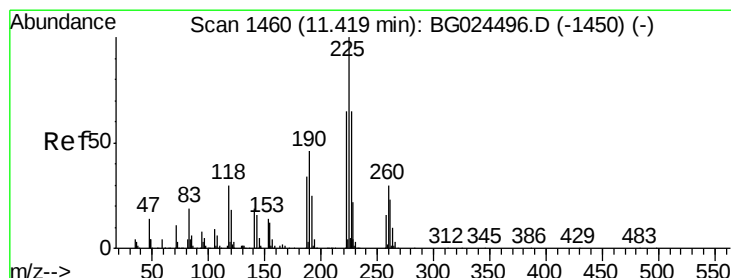
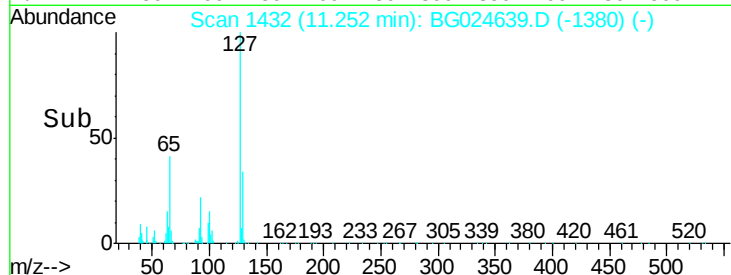
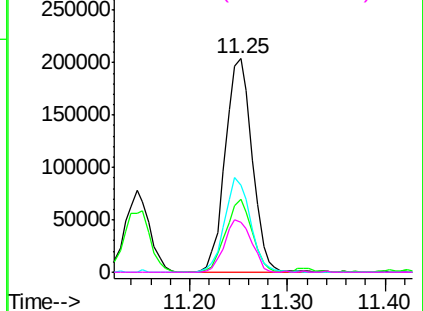
#33
4-Chloroaniline
Concen: 41.33 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion:	127	Resp:	392885
Ion	Ratio	Lower	Upper
127	100		
129	34.4	23.6	35.4
65	40.9	37.7	56.5
92	23.3	17.6	26.4

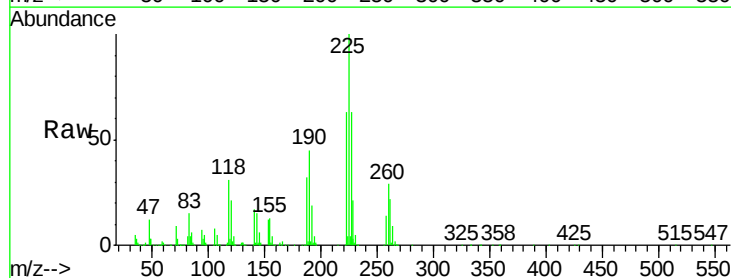


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

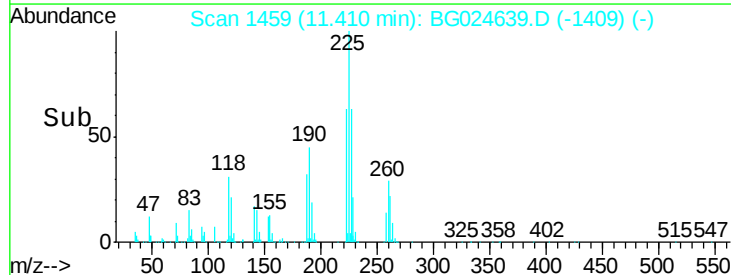
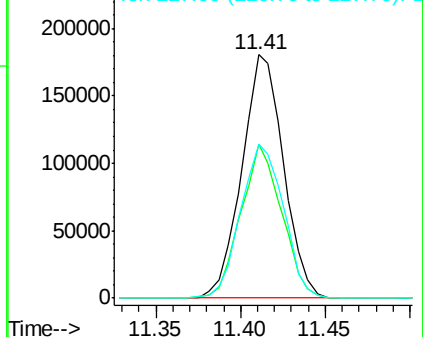


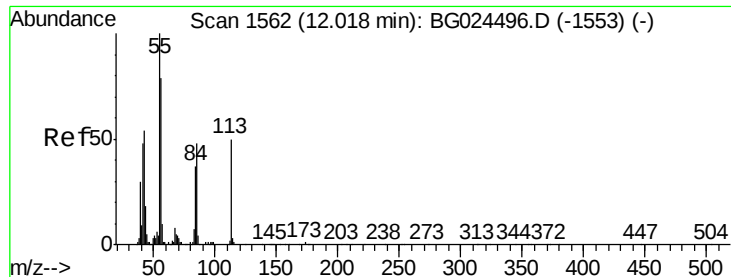
#34
Hexachlorobutadiene
Concen: 45.54 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion:	225	Resp:	309234
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	63.2	49.0	73.6



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

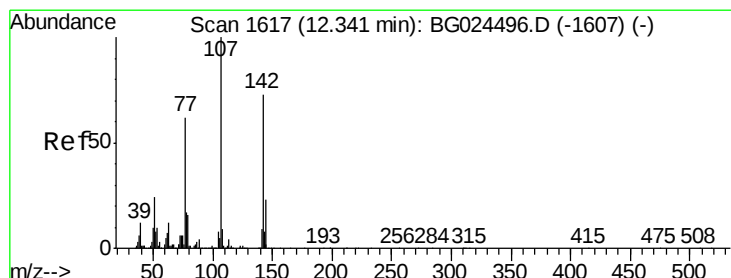
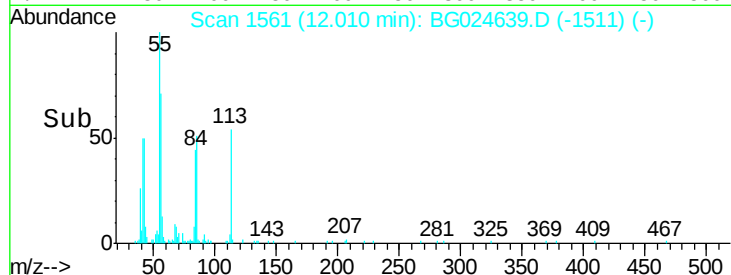
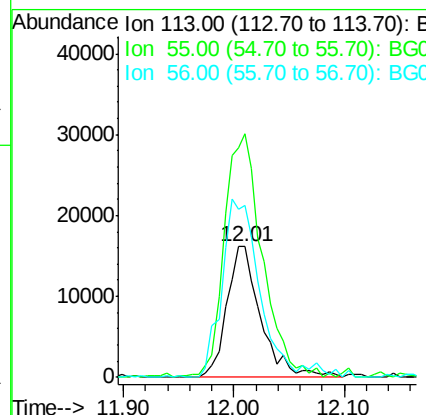
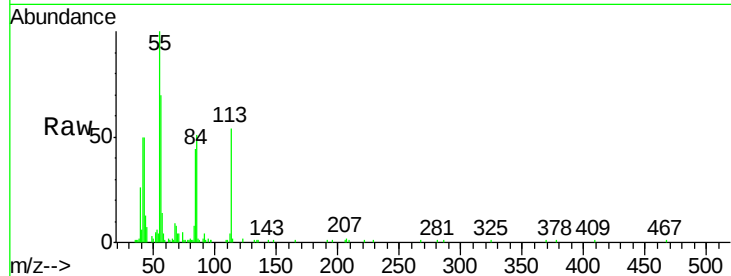




#35
 Caprolactam
 Concen: 12.97 ng
 RT: 12.01 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

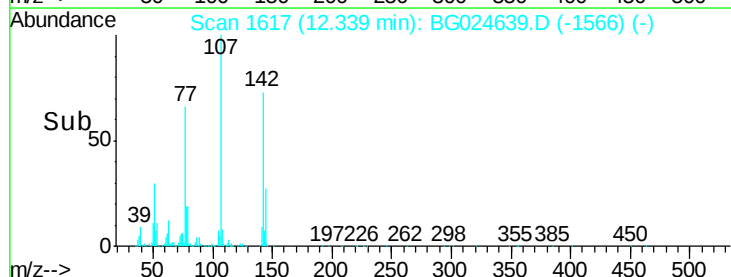
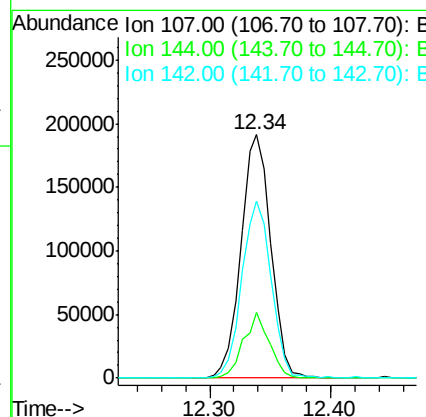
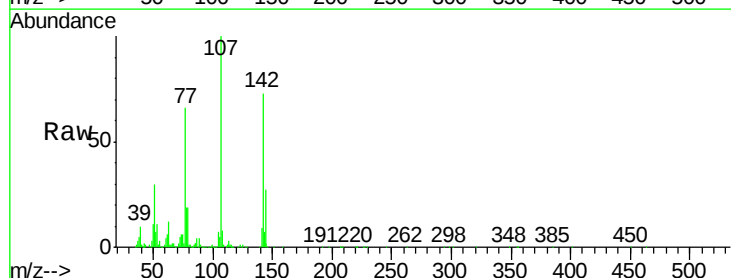
Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0MS

Tgt Ion: 113 Resp: 34738
 Ion Ratio Lower Upper
 113 100
 55 186.0 198.6 238.6#
 56 131.1 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 37.40 ng
 RT: 12.34 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

Tgt Ion: 107 Resp: 330285
 Ion Ratio Lower Upper
 107 100
 144 27.2 17.4 26.0#
 142 72.9 54.1 81.1

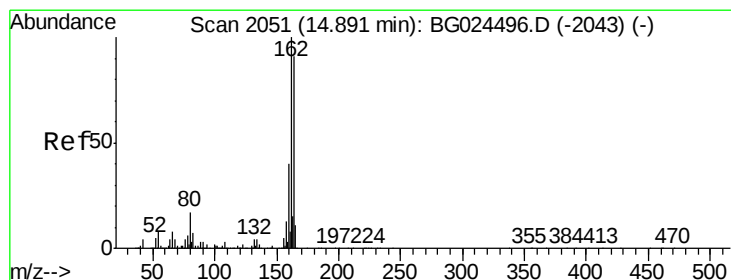
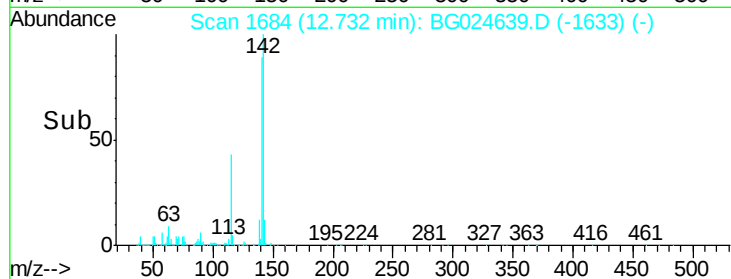
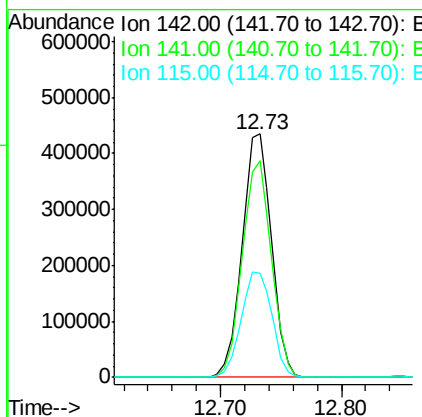
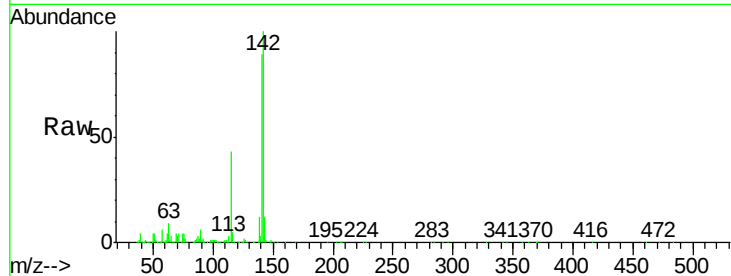




#37
2-Methylnaphthalene
Concen: 46.27 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

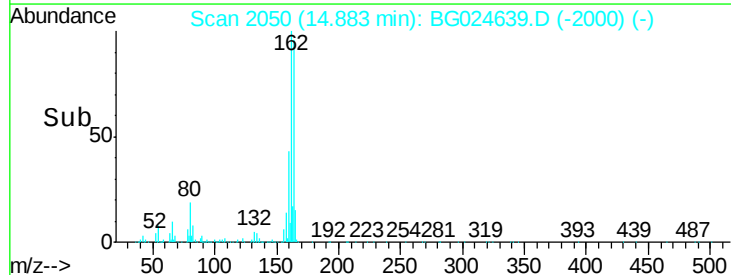
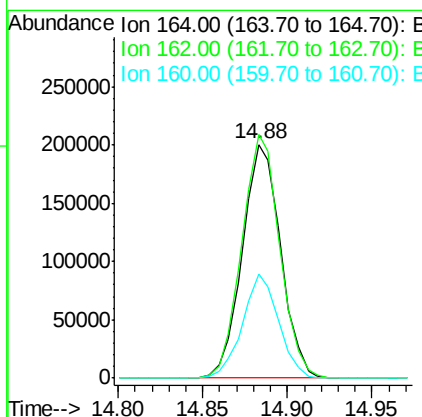
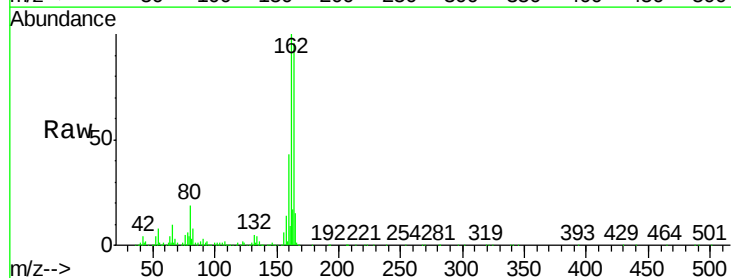
Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

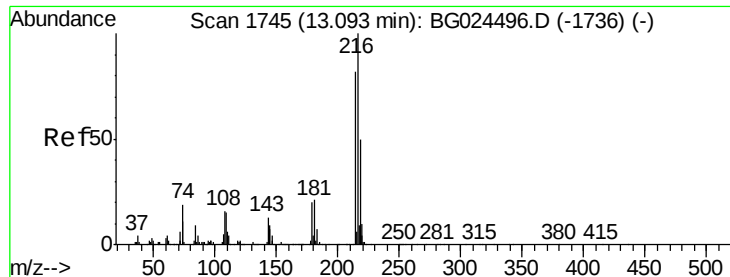
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	42.8	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	44.5	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.79 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

Tgt Ion:216 Resp: 507064

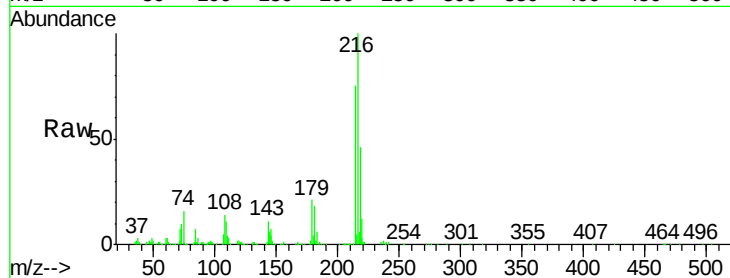
Ion Ratio Lower Upper

216 100

214 78.7 64.4 96.6

179 21.0 17.4 26.0

108 17.7 15.6 23.4

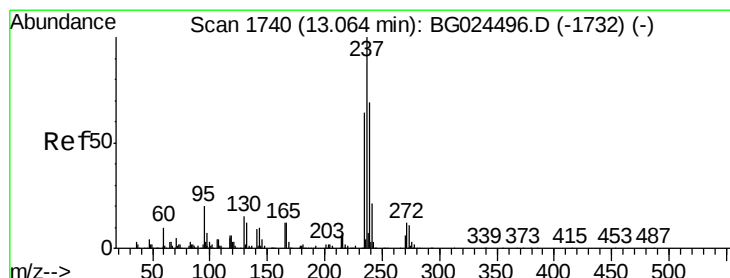
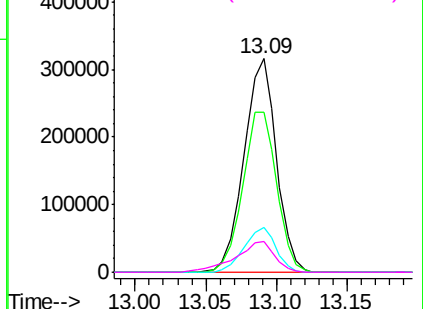
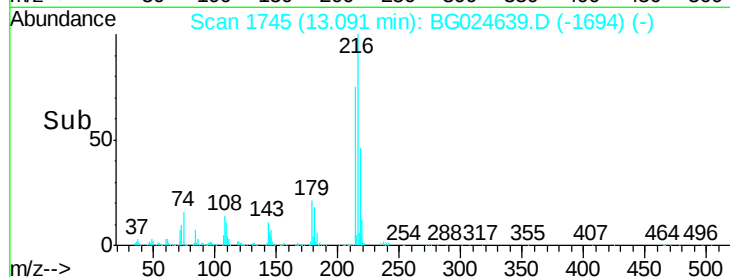


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.08 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

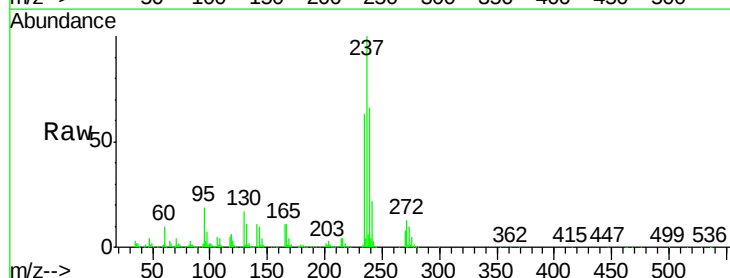
Tgt Ion:237 Resp: 562202

Ion Ratio Lower Upper

237 100

235 63.4 39.4 79.4

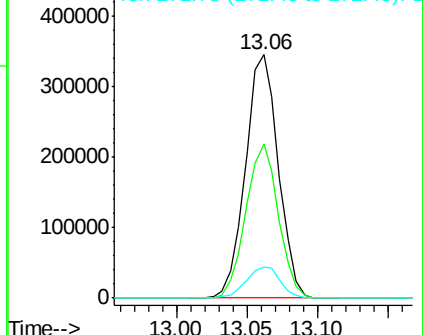
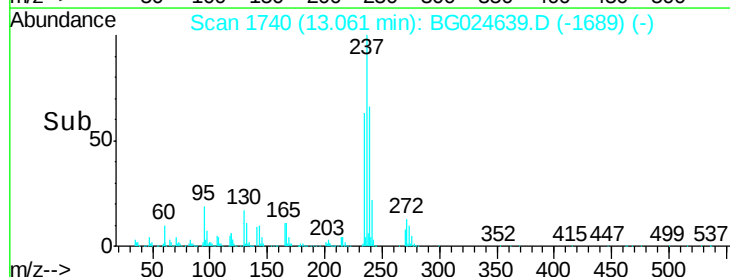
272 12.8 0.0 32.0

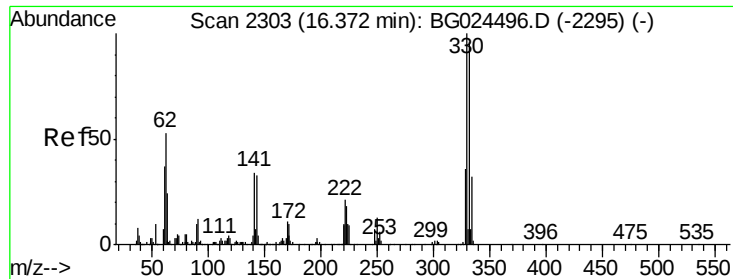


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 108.65 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

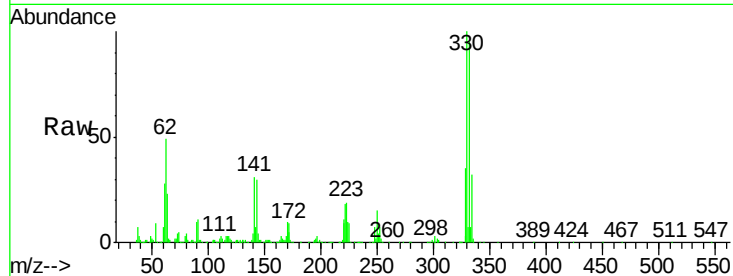
Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

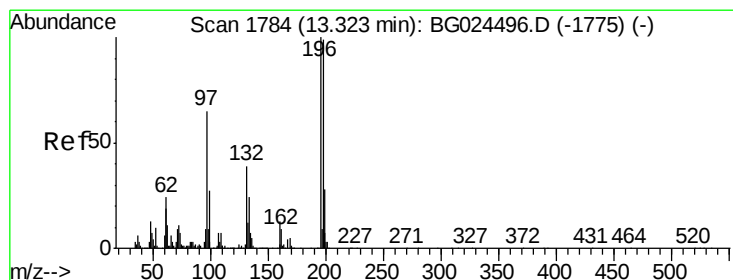
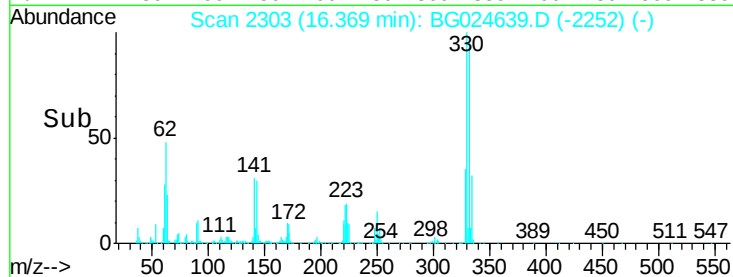
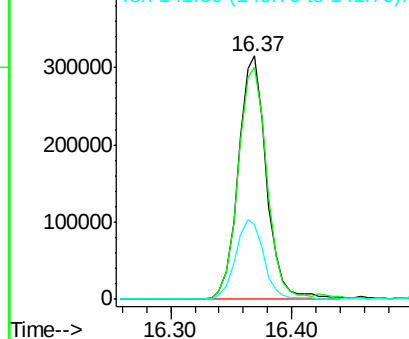
Tgt Ion:	330	Resp:	510676
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.3	115.9
141	33.1	32.1	48.1



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: 52.56 ng

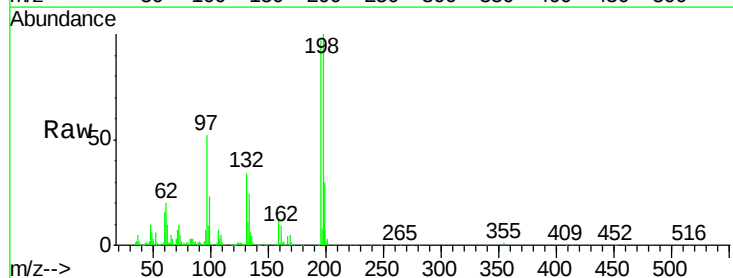
RT: 13.32 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

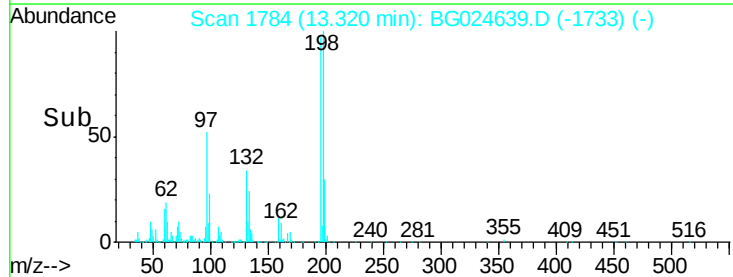
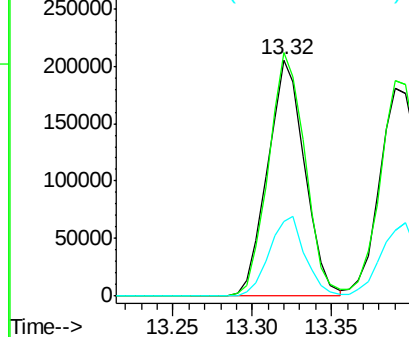
Tgt Ion:	196	Resp:	335268
Ion Ratio	Lower	Upper	
196	100		
198	103.0	81.4	122.2
200	31.3	27.0	40.6



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

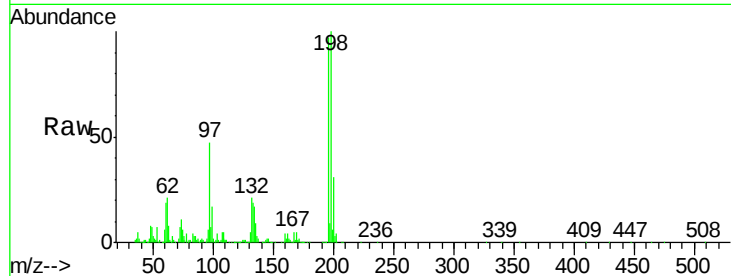




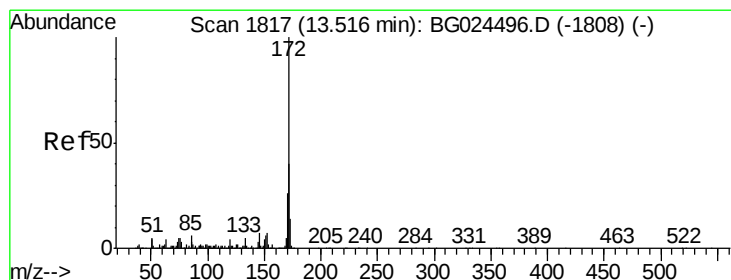
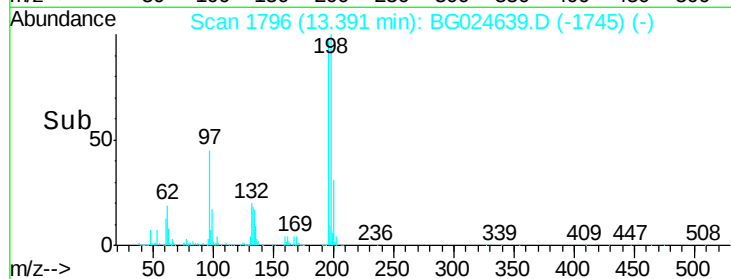
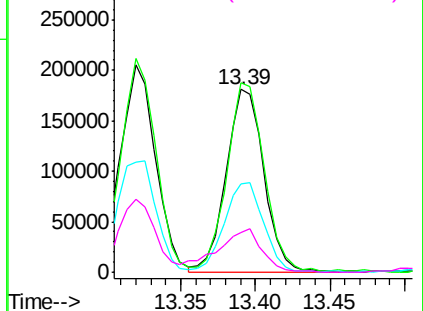
#43
2,4,5-Trichlorophenol
Concen: 46.22 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.6	79.9	119.9
97	48.7	45.4	68.0
132	22.0	20.7	31.1

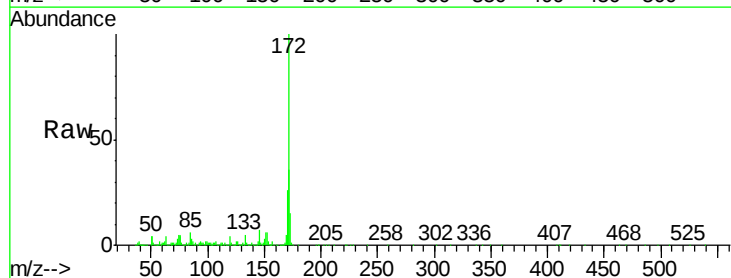


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

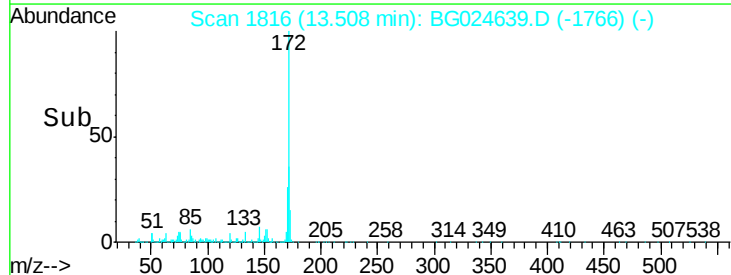
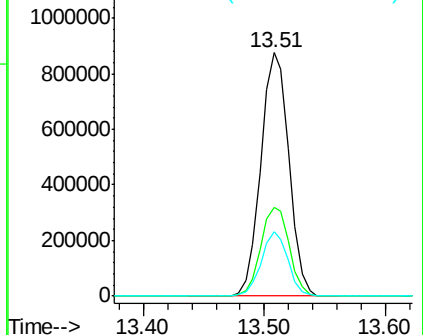


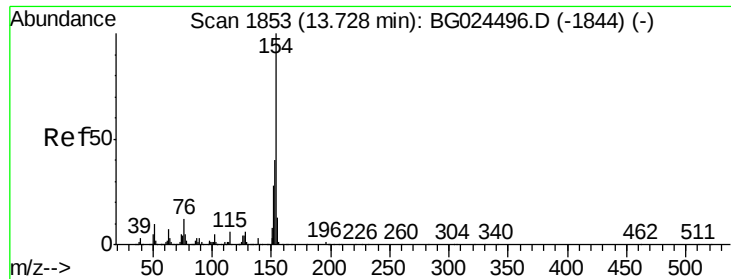
#44
2-Fluorobiphenyl
Concen: 74.83 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	26.3	21.8	32.6



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

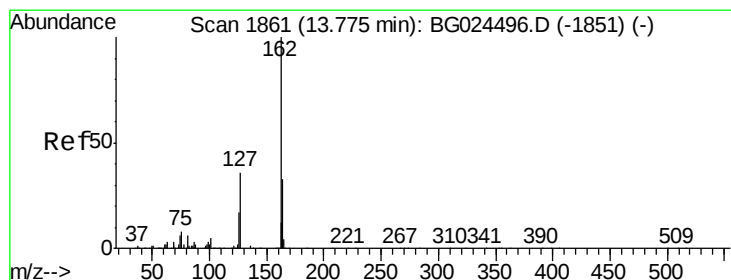
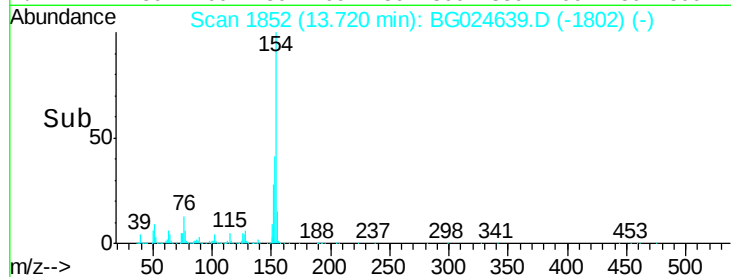
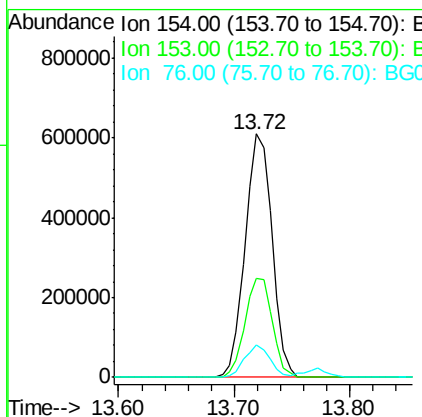
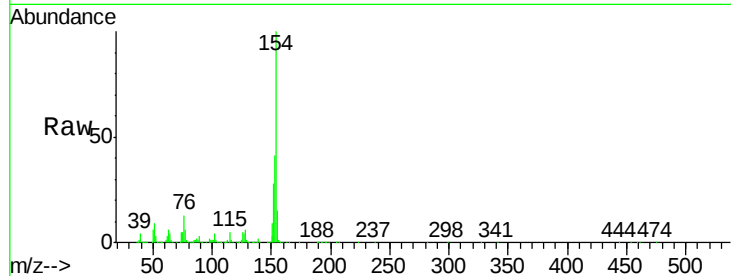




#45
 1,1'-Biphenyl
 Concen: 45.32 ng
 RT: 13.72 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

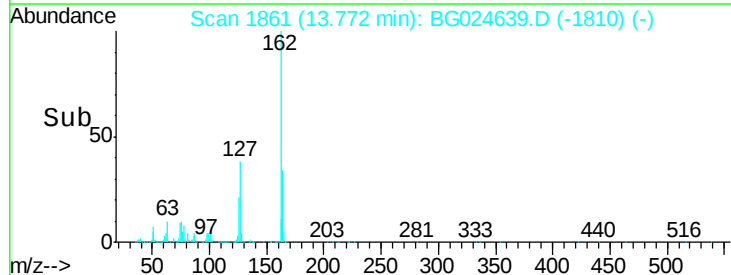
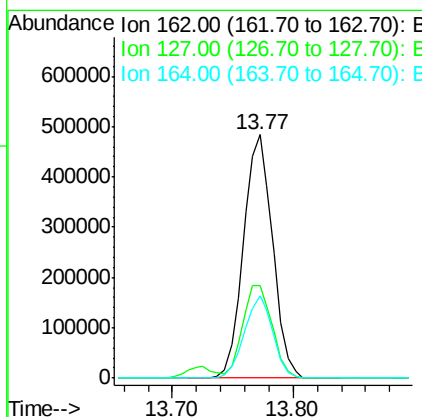
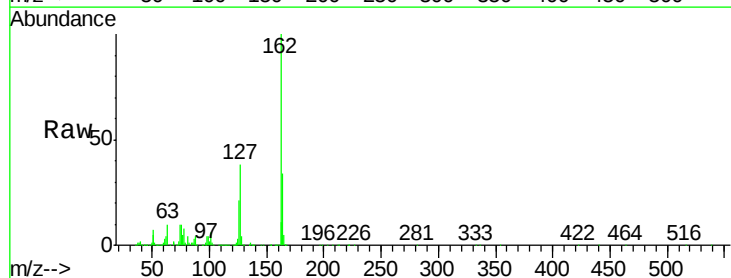
Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.0	63.0
76	13.5	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 48.75 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024639.D
 Acq: 2 Nov 2016 23:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.2	48.4
164	33.8	27.3	40.9

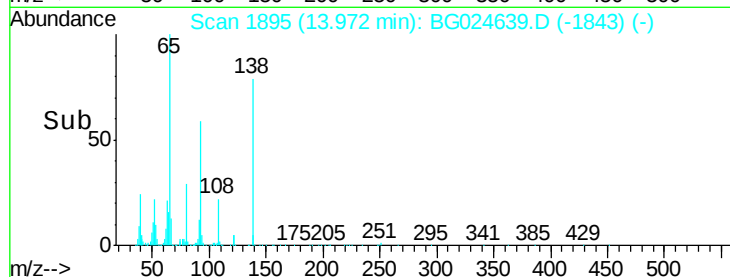
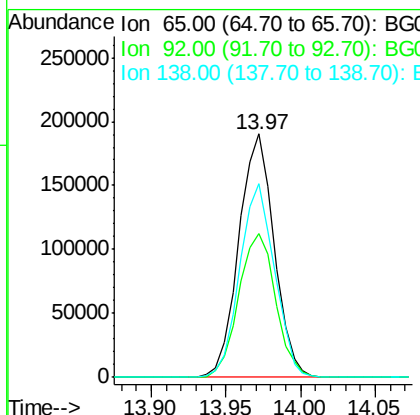
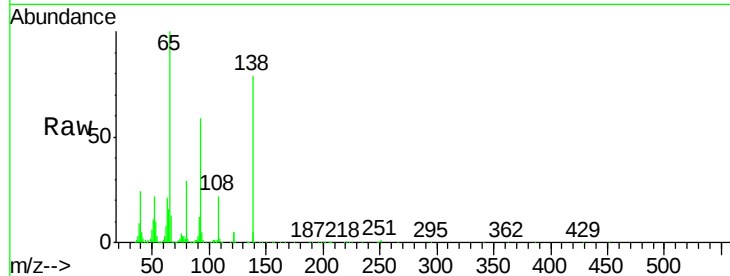




#47
2-Nitroaniline
Concen: 45.81 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

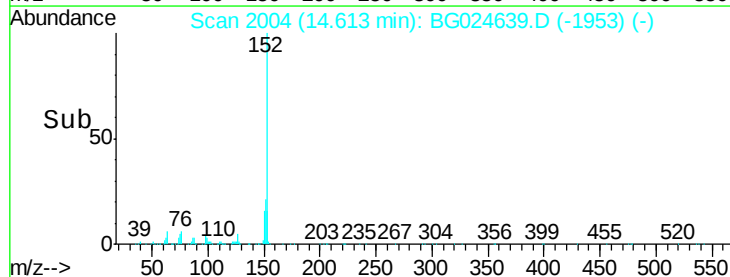
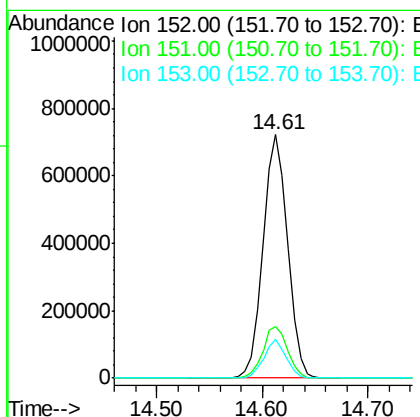
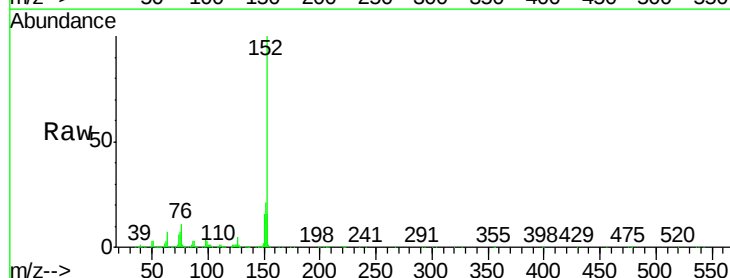
Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion: 65 Resp: 311784
Ion Ratio Lower Upper
65 100
92 58.9 49.0 73.4
138 79.4 58.6 87.8



#48
Acenaphthylene
Concen: 45.64 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion: 152 Resp: 1163458
Ion Ratio Lower Upper
152 100
151 21.2 18.2 27.2
153 15.8 11.3 16.9





#49

Dimethylphthalate

Concen: 46.38 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

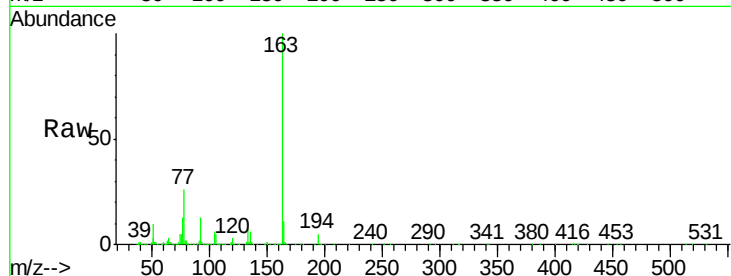
Tgt Ion:163 Resp: 1035893

Ion Ratio Lower Upper

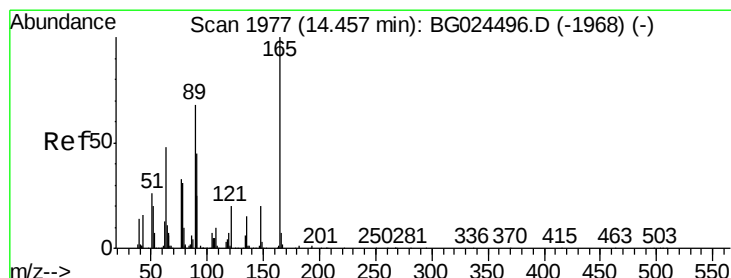
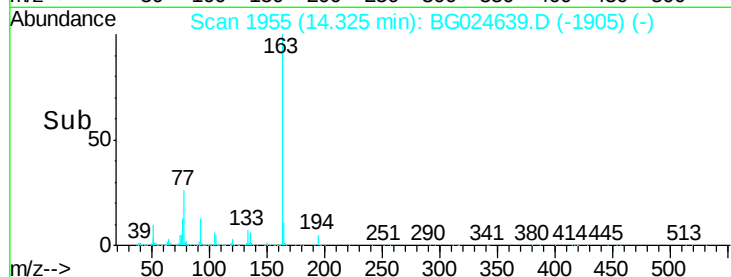
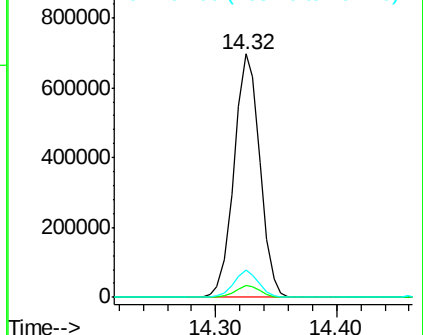
163 100

194 5.1 3.8 5.6

164 11.3 9.3 13.9



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: 49.08 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

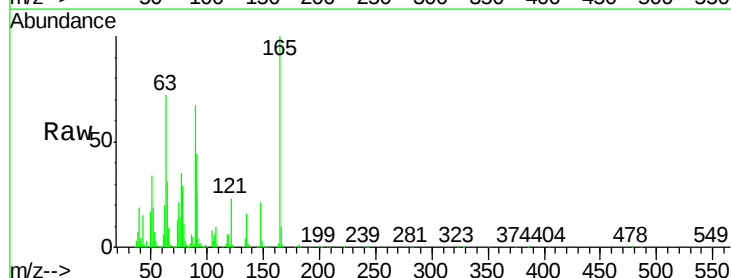
Tgt Ion:165 Resp: 234037

Ion Ratio Lower Upper

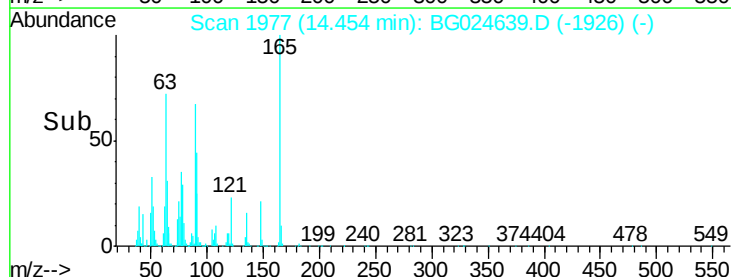
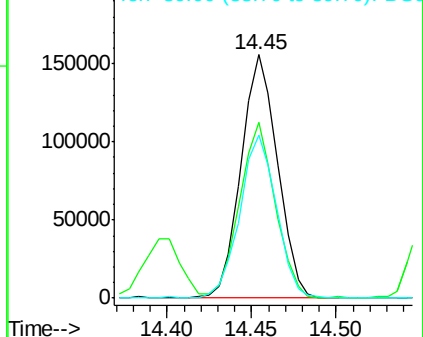
165 100

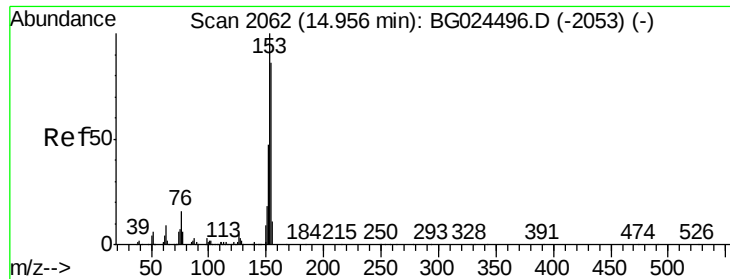
63 72.0 63.9 95.9

89 67.0 58.6 88.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.57 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0MS

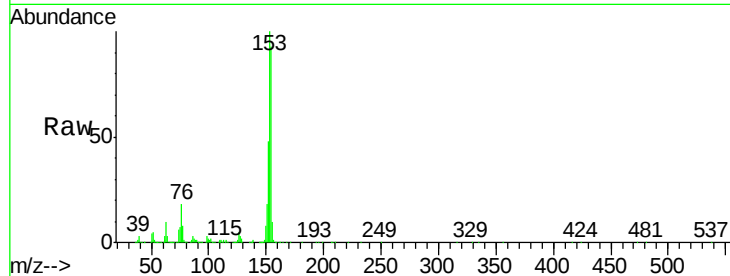
Tgt Ion:154 Resp: 770949

Ion Ratio Lower Upper

154 100

153 107.4 87.8 131.6

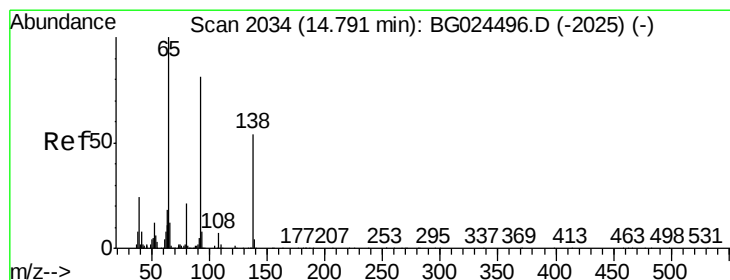
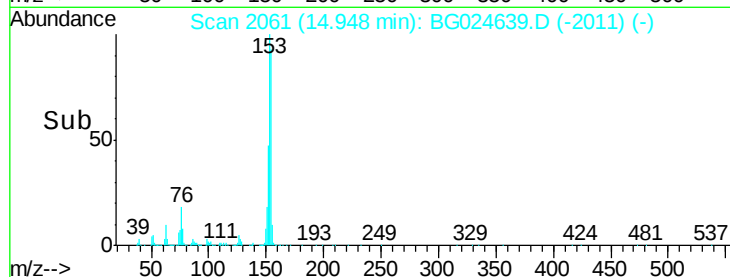
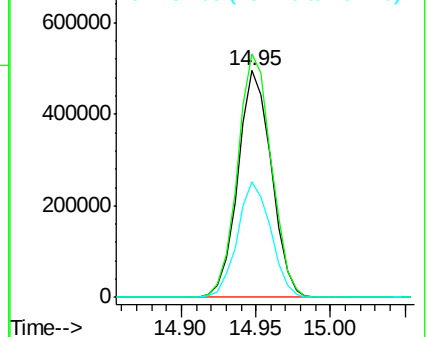
152 51.1 42.2 63.4



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: 42.80 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG024639.D

Acq: 2 Nov 2016 23:51

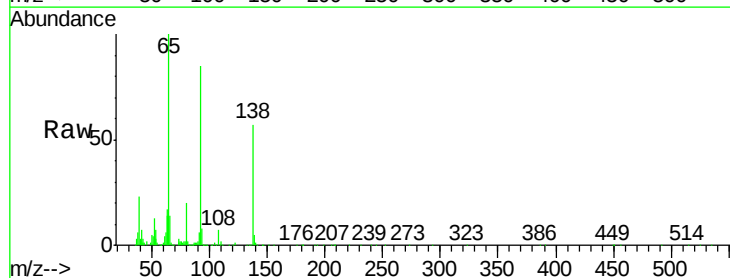
Tgt Ion:138 Resp: 211155

Ion Ratio Lower Upper

138 100

108 13.2 10.9 16.3

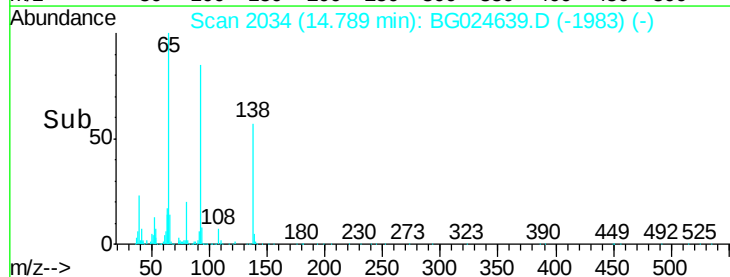
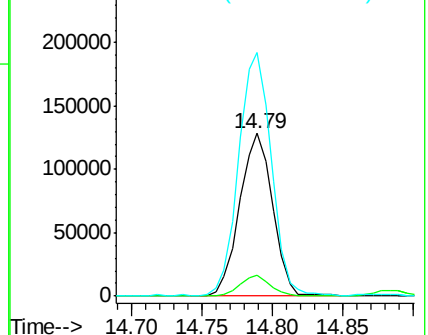
92 149.8 115.3 172.9

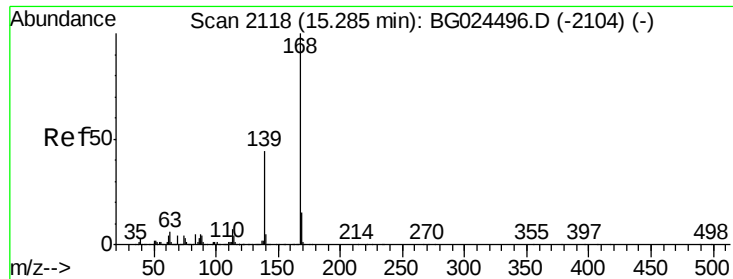


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

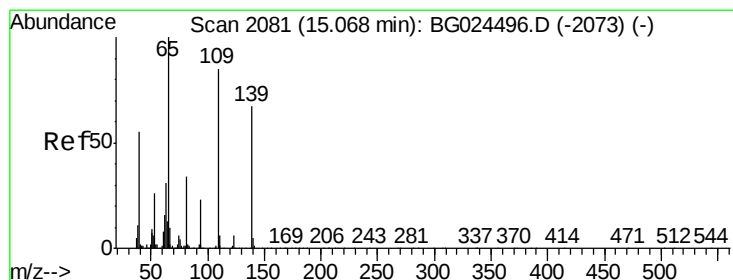
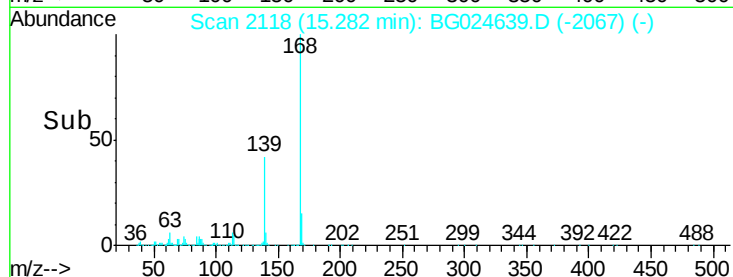
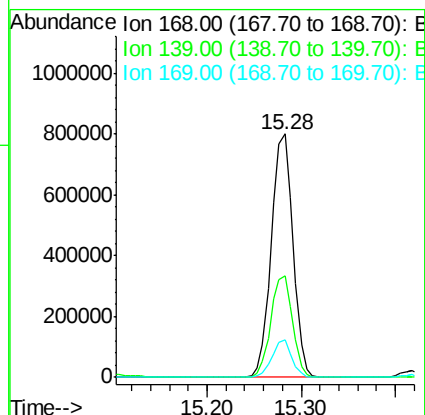
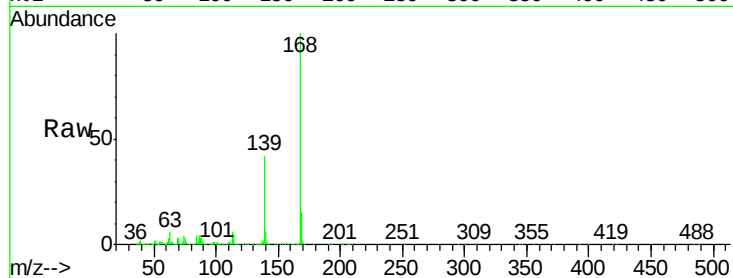




#54
Dibenzenofuran
Concen: 48.60 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0MS

Tgt Ion:168 Resp: 1277066
Ion Ratio Lower Upper
168 100
139 41.6 35.3 52.9
169 15.4 11.5 17.3



#55
4-Nitrophenol
Concen: 32.76 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG024639.D
Acq: 2 Nov 2016 23:51

Tgt Ion:139 Resp: 140831
Ion Ratio Lower Upper
139 100
109 114.4 101.2 141.2
65 132.8 135.3 175.3#

