

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024657.D
 Acq On : 3 Nov 2016 21:44
 Operator : UM/SJ
 Sample : H5491-04MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

Quant Time: Nov 04 00:23:11 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	101636	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	403687	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	318238	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	749331	20.00	ng	0.00
75) Chrysene-d12	21.92	240	936025	20.00	ng	0.00
86) Perylene-d12	25.36	264	960678	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	763975	123.20	ng	0.00
7) Phenol-d6	7.41	99	1098641	129.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	758243	85.52	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	630857	132.69	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1474397	77.00	ng	0.00
78) Terphenyl-d14	20.20	244	2611340	83.36	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.66	88	79623	31.43	ng	92
3) Pyridine	4.07	79	256511	33.82	ng	92
4) n-Nitrosodimethylamine	3.99	42	162428	41.36	ng	88
6) Aniline	7.59	93	262627	24.37	ng	97
8) 2-Chlorophenol	7.82	128	264951	42.02	ng	99
9) Benzaldehyde	7.41	77	54666	10.40	ng	92
10) Phenol	7.44	94	416986	47.55	ng	88
11) bis(2-Chloroethyl)ether	7.68	93	277836	42.18	ng	92
12) 1,3-Dichlorobenzene	8.16	146	293390	37.59	ng	95
13) 1,4-Dichlorobenzene	8.30	146	304068	39.44	ng	97
14) 1,2-Dichlorobenzene	8.63	146	287872	38.84	ng	97
15) Benzyl Alcohol	8.50	79	330026	41.71	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	477733	39.09	ng	94
17) 2-Methylphenol	8.69	107	260586	44.85	ng	93
18) Hexachloroethane	9.36	117	115556	38.99	ng	97
19) n-Nitroso-di-n-propylamine	9.07	70	263248	41.99	ng	90
20) 3+4-Methylphenols	9.03	107	352833	45.23	ng	97
22) Acetophenone	9.09	105	439818	42.41	ng	93
24) Nitrobenzene	9.49	77	409407	41.51	ng	98
25) Isophorone	10.00	82	725366	43.98	ng	96
26) 2-Nitrophenol	10.20	139	164666	44.98	ng	91
27) 2,4-Dimethylphenol	10.24	122	267760	41.78	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	396581	46.47	ng	98
29) 2,4-Dichlorophenol	10.73	162	312194	46.41	ng	97
30) 1,2,4-Trichlorobenzene	10.95	180	326591	40.93	ng	97
31) Naphthalene	11.15	128	809574	40.20	ng	98
32) Benzoic acid	10.32	122	20596	3.86	ng	# 86
33) 4-Chloroaniline	11.25	127	135817	15.53	ng	# 92
34) Hexachlorobutadiene	11.41	225	243082	38.92	ng	98
35) Caprolactam	12.02	113	73885	30.00	ng	# 88
36) 4-Chloro-3-methylphenol	12.34	107	363004	44.70	ng	99
37) 2-Methylnaphthalene	12.73	142	612157	41.66	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	416105	38.77	ng	98
40) Hexachlorocyclopentadiene	13.06	237	494829	81.86	ng	95

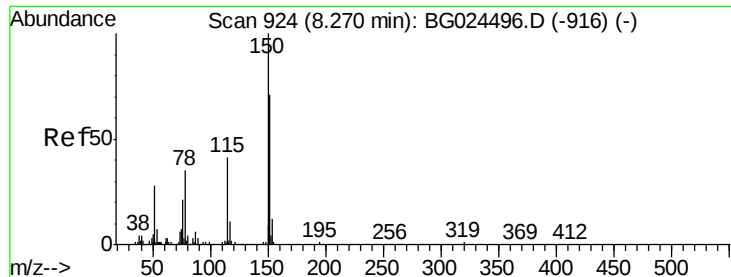
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024657.D
 Acq On : 3 Nov 2016 21:44
 Operator : UM/SJ
 Sample : H5491-04MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

Quant Time: Nov 04 00:23:11 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)
42) 2,4,6-Trichlorophenol	13.32	196	281299	43.60	ng	96
43) 2,4,5-Trichlorophenol	13.39	196	301136	43.17	ng	94
45) 1,1'-Biphenyl	13.72	154	863746	39.11	ng	98
46) 2-Chloronaphthalene	13.77	162	698377	41.53	ng	97
47) 2-Nitroaniline	13.97	65	305333	44.35	ng	99
48) Acenaphthylene	14.62	152	1051508	40.77	ng	97
49) Dimethylphthalate	14.33	163	1421670	62.93	ng	98
50) 2,6-Dinitrotoluene	14.46	165	224476	46.54	ng	88
51) Acenaphthene	14.95	154	702111	36.52	ng	99
52) 3-Nitroaniline	14.79	138	133411	26.73	ng	97
53) 2,4-Dinitrophenol	14.99	184	123315	35.28	ng	98
54) Dibenzofuran	15.28	168	1122701	42.24	ng	96
55) 4-Nitrophenol	15.08	139	370804	85.28	ng	# 85
56) 2,4-Dinitrotoluene	15.24	165	336197	47.97	ng	# 98
57) Fluorene	15.93	166	924827	41.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	322760	44.63	ng	# 95
59) Diethylphthalate	15.68	149	1007629	42.54	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	522472	42.25	ng	98
61) 4-Nitroaniline	15.95	138	228154	41.85	ng	93
62) Azobenzene	16.20	77	1055870	44.70	ng	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	186327	36.09	ng	93
65) n-Nitrosodiphenylamine	16.13	169	868183	42.38	ng	100
66) 4-Bromophenyl-phenylether	16.81	248	373270	41.03	ng	95
67) Hexachlorobenzene	16.92	284	412379	41.03	ng	89
68) Atrazine	17.06	200	388635	44.23	ng	99
69) Pentachlorophenol	17.27	266	527412	79.52	ng	98
70) Phenanthrene	17.67	178	1576674	41.28	ng	99
71) Anthracene	17.76	178	1595807	41.41	ng	99
72) Carbazole	18.03	167	1419061	40.38	ng	97
73) Di-n-butylphthalate	18.55	149	1687276	41.64	ng	97
74) Fluoranthene	19.66	202	1937369	40.13	ng	98
76) Benzidine	19.84	184	778603	35.30	ng	98
77) Pyrene	20.03	202	1978411	43.24	ng	99
79) Butylbenzylphthalate	20.88	149	831156	43.57	ng	98
80) Benzo(a)anthracene	21.90	228	2154336	41.90	ng	99
81) 3,3'-Dichlorobenzidine	21.81	252	503960	24.29	ng	# 98
82) Chrysene	21.97	228	2042666	41.71	ng	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1175126	43.06	ng	100
84) Di-n-octyl phthalate	23.04	149	2002780	44.22	ng	95
85) Indeno(1,2,3-cd)pyrene	29.30	276	2698139	39.91	ng	# 99
87) Benzo(b)fluoranthene	24.26	252	2263366	43.59	ng	99
88) Benzo(k)fluoranthene	24.33	252	2116356	42.20	ng	97
89) Benzo(a)pyrene	25.19	252	2170694	42.78	ng	97
90) Dibenzo(a,h)anthracene	29.37	278	2251375	40.42	ng	97
91) Benzo(g,h,i)perylene	30.54	276	2212485	39.77	ng	96

(#) = 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

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

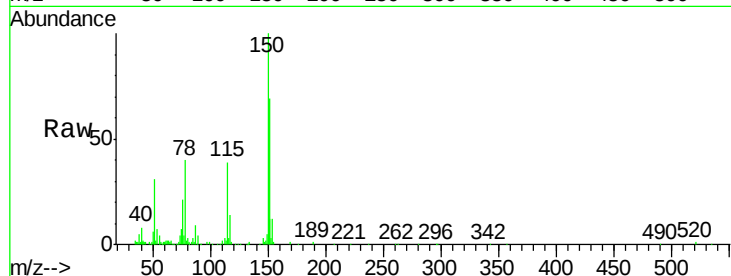
Tgt Ion:152 Resp: 101636

Ion Ratio Lower Upper

152 100

150 144.3 114.0 171.0

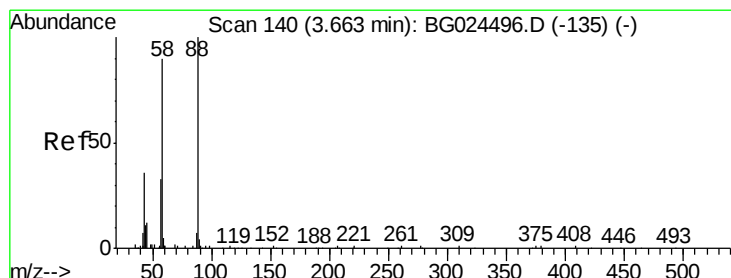
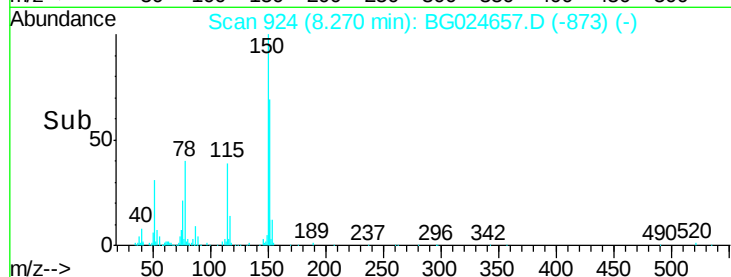
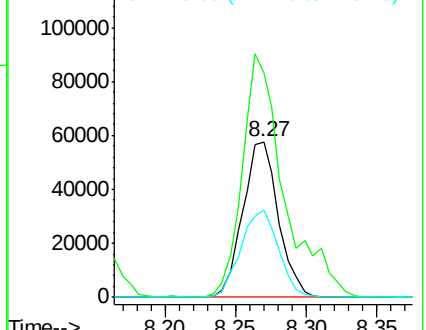
115 56.3 48.1 72.1



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: 31.43 ng

RT: 3.66 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

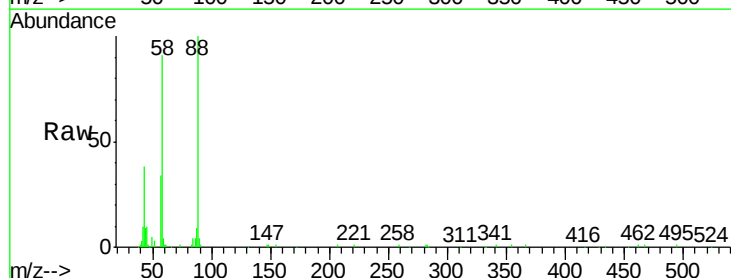
Tgt Ion: 88 Resp: 79623

Ion Ratio Lower Upper

88 100

58 88.5 79.4 119.2

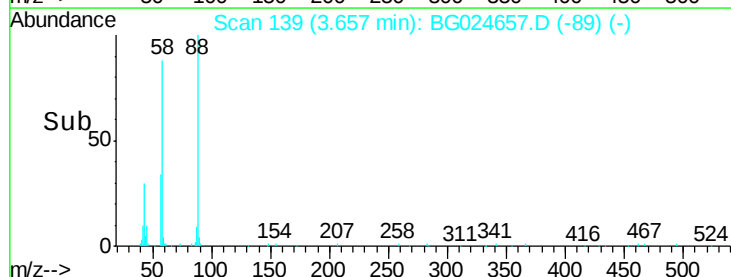
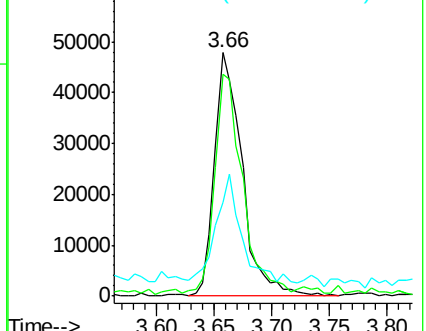
43 41.7 33.8 50.6

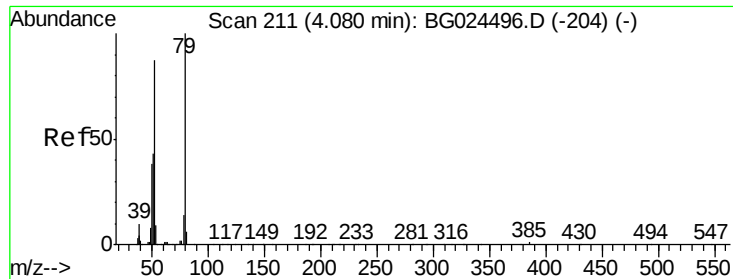


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.82 ng

RT: 4.07 min Scan# 209

Delta R.T. -0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

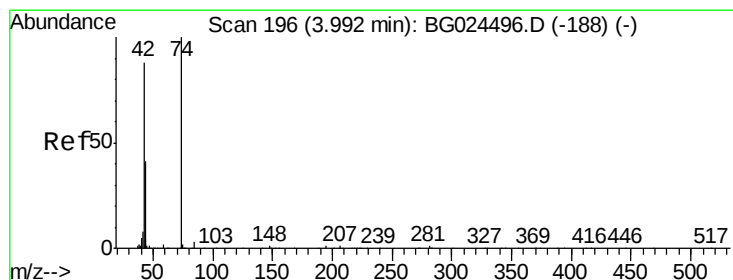
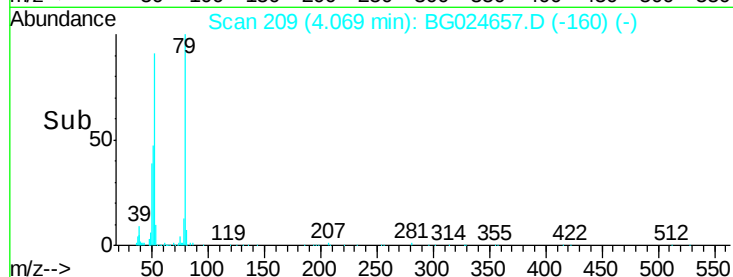
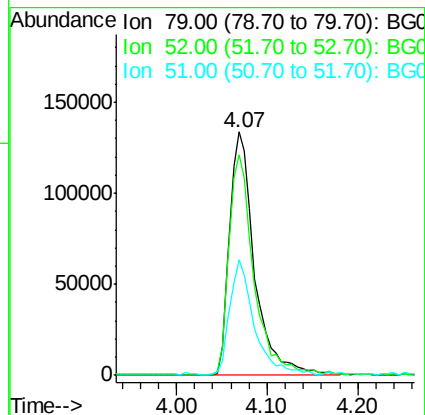
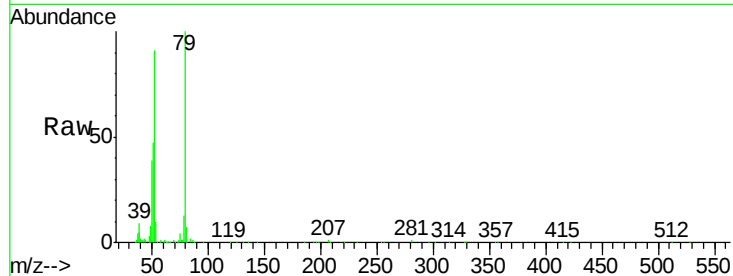
Tgt Ion: 79 Resp: 256511

Ion Ratio Lower Upper

79 100

52 90.7 77.8 116.6

51 47.4 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 41.36 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

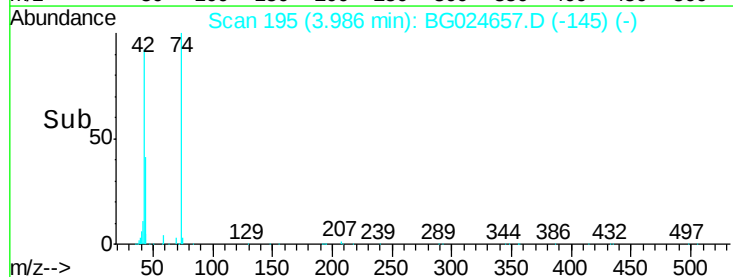
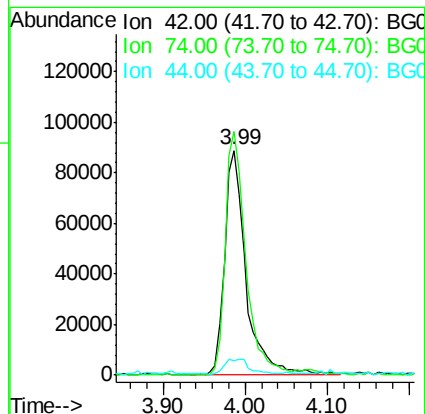
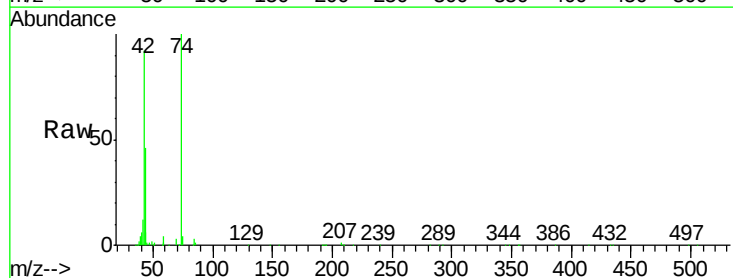
Tgt Ion: 42 Resp: 162428

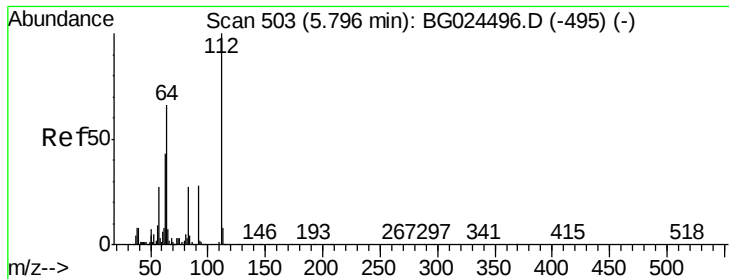
Ion Ratio Lower Upper

42 100

74 108.5 76.7 115.1

44 6.7 6.1 9.1





#5

2-Fluorophenol

Concen: 123.20 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

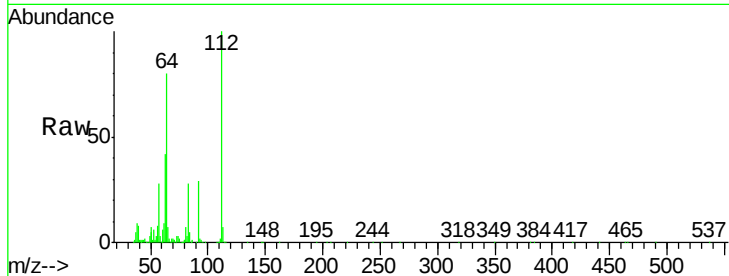
Tgt Ion: 112 Resp: 763975

Ion Ratio Lower Upper

112 100

64 79.6 61.8 92.6

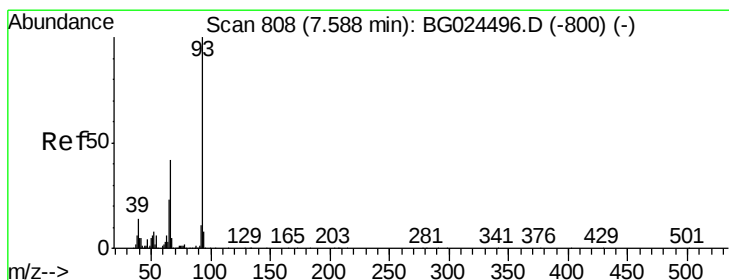
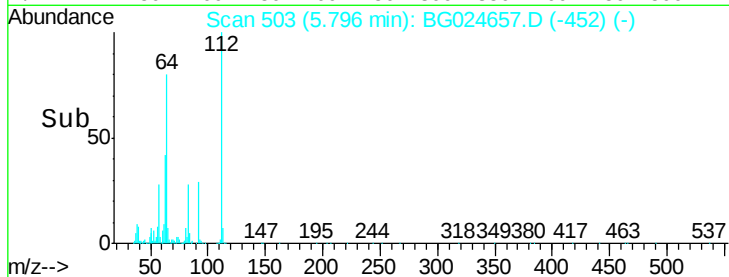
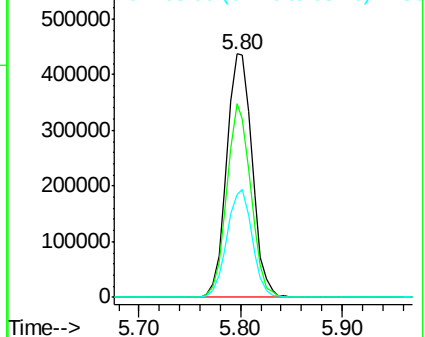
63 42.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.37 ng

RT: 7.59 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

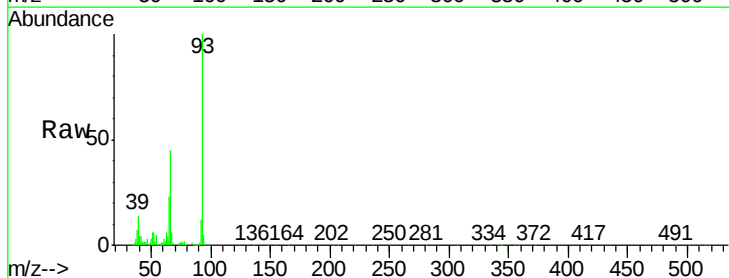
Tgt Ion: 93 Resp: 262627

Ion Ratio Lower Upper

93 100

66 44.6 35.4 53.2

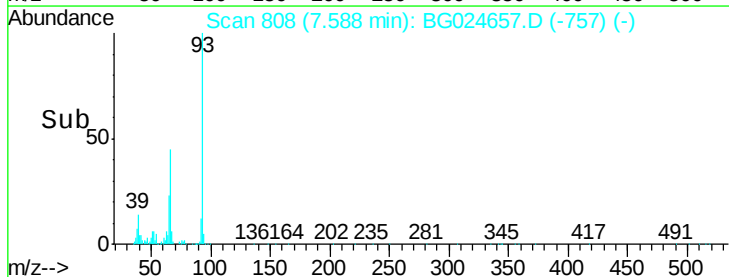
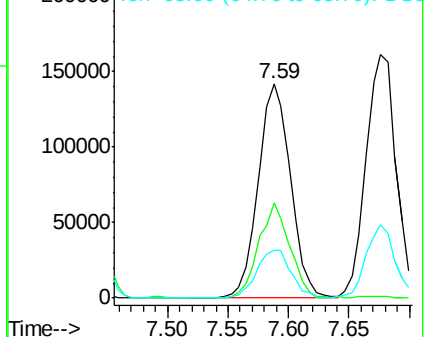
65 22.6 21.2 31.8

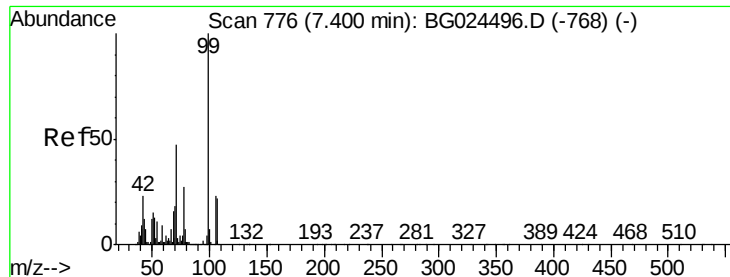


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.16 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

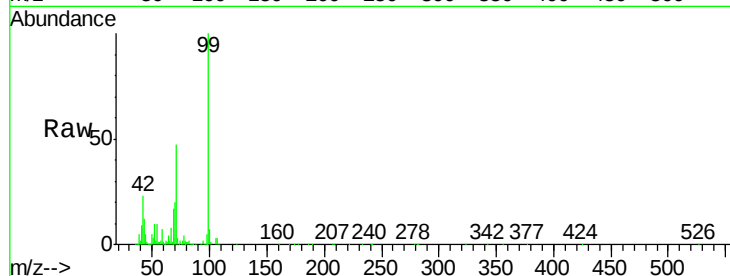
Tgt Ion: 99 Resp: 1098641

Ion Ratio Lower Upper

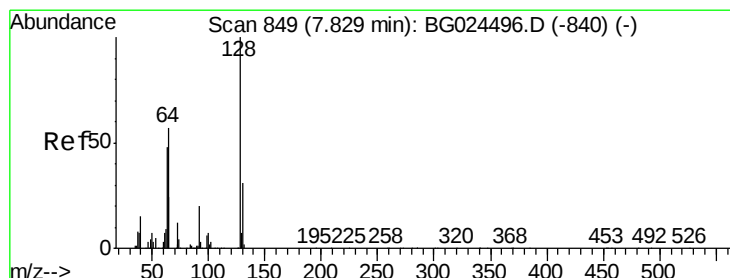
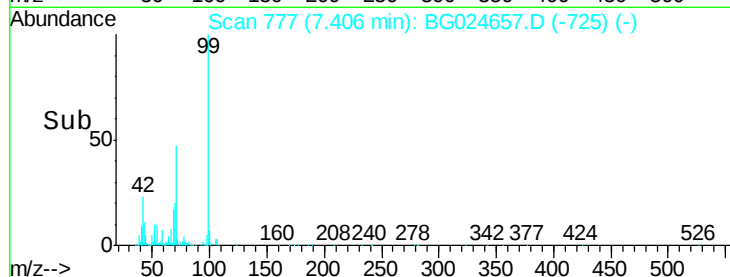
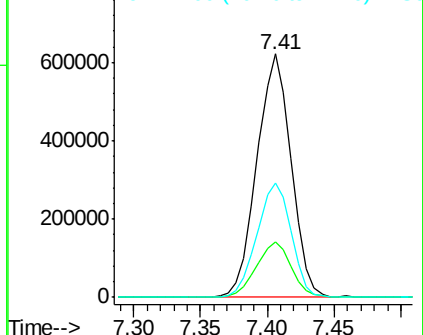
99 100

42 22.7 20.5 30.7

71 47.0 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: 42.02 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

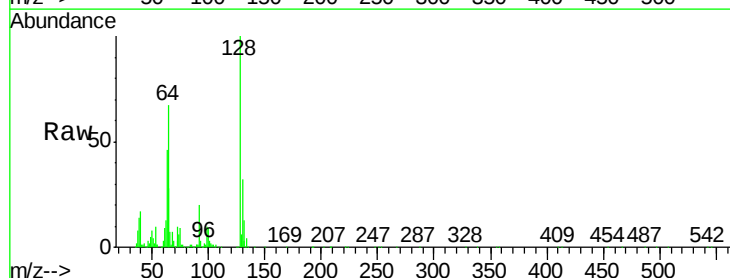
Tgt Ion: 128 Resp: 264951

Ion Ratio Lower Upper

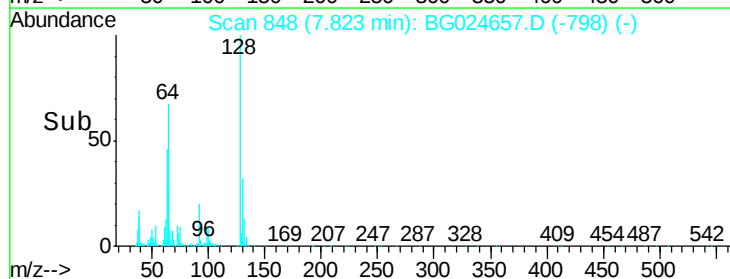
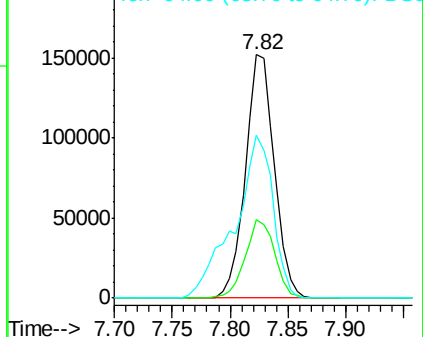
128 100

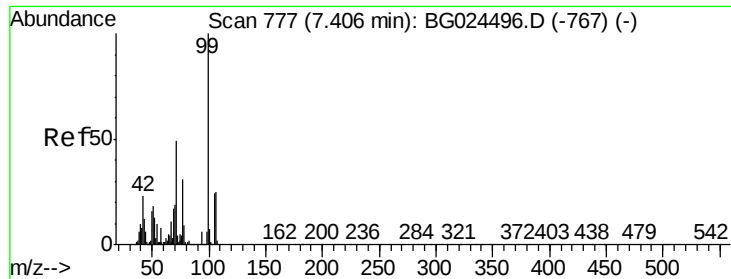
130 32.1 11.4 51.4

64 67.0 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: 10.40 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

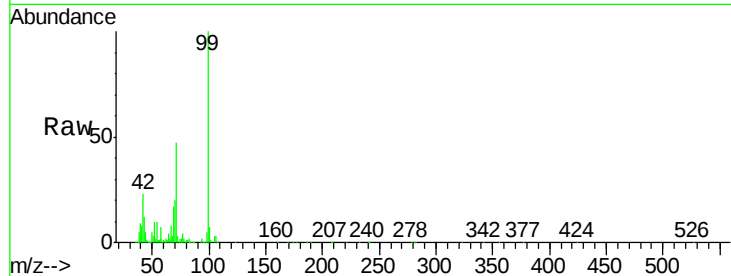
Tgt Ion: 77 Resp: 54666

Ion Ratio Lower Upper

77 100

105 74.6 60.9 100.9

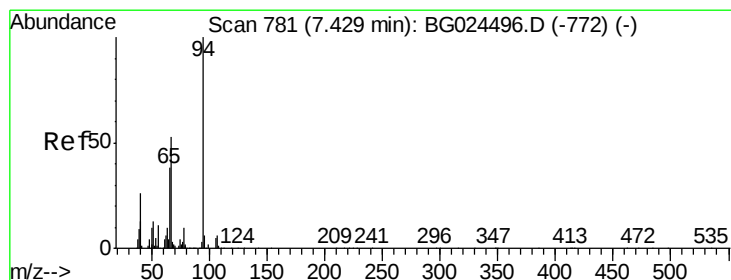
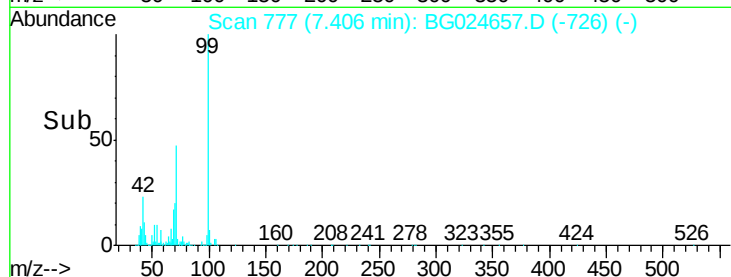
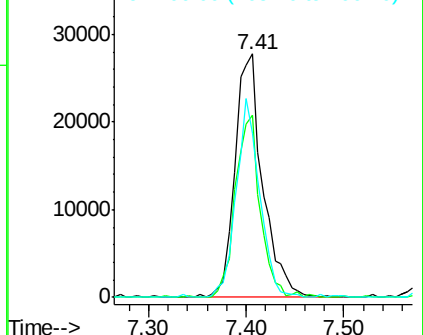
106 67.3 55.1 95.1



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: 47.55 ng

RT: 7.44 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

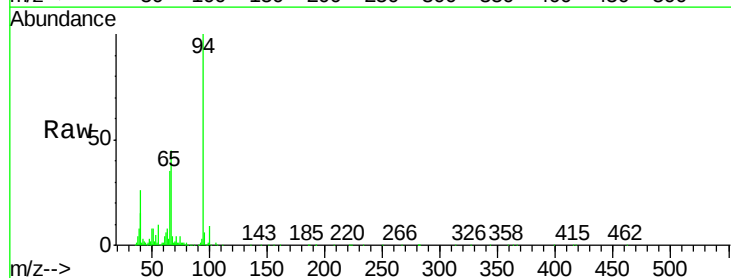
Tgt Ion: 94 Resp: 416986

Ion Ratio Lower Upper

94 100

65 35.4 20.6 60.6

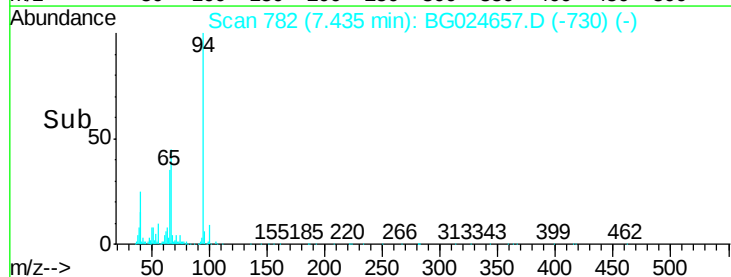
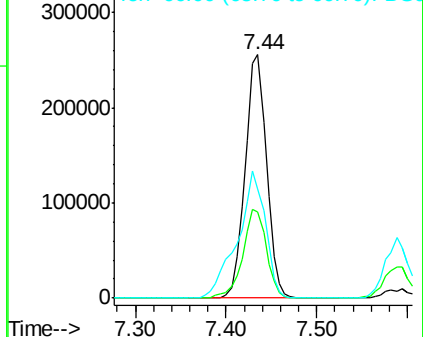
66 44.7 35.5 75.5

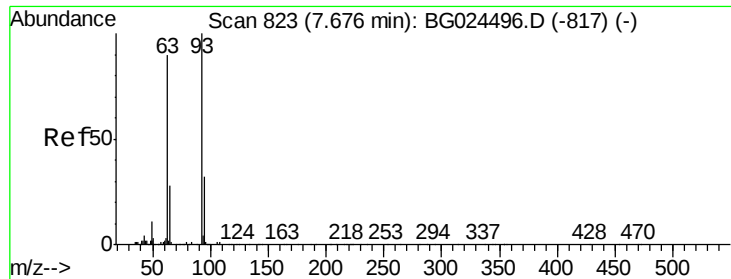


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



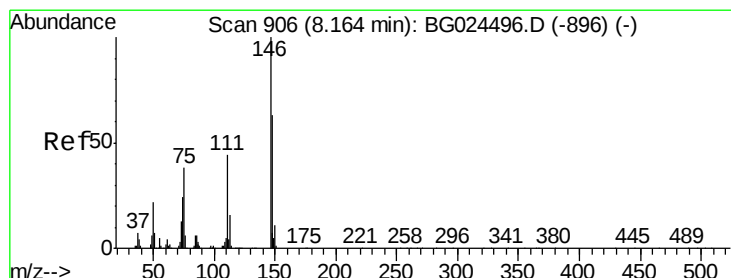
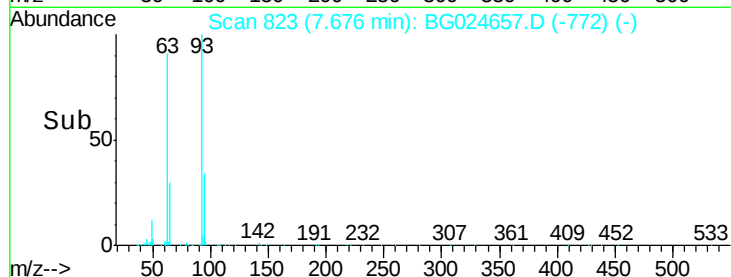
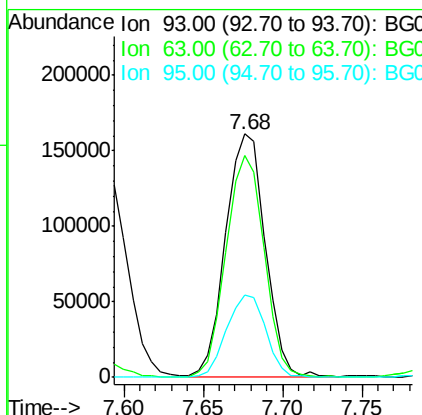
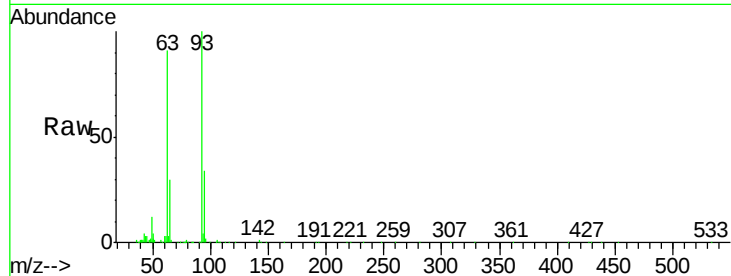


#11
bis(2-Chloroethyl)ether
Concen: 42.18 ng
RT: 7.68 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

Tgt Ion: 93 Resp: 277836

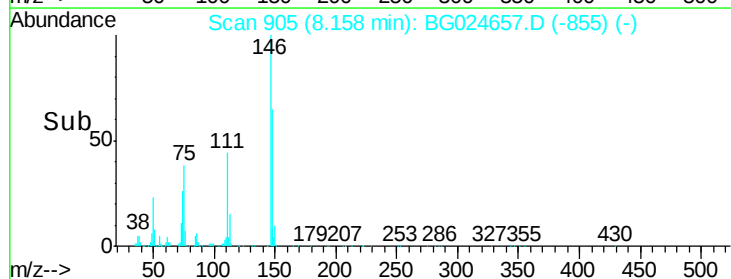
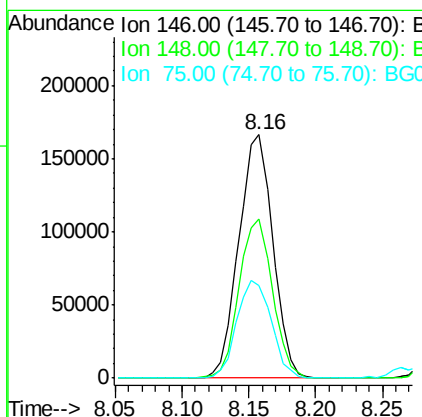
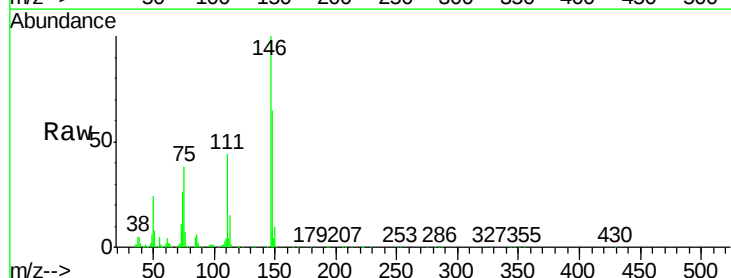
Ion	Ratio	Lower	Upper
93	100		
63	91.0	78.5	118.5
95	34.0	9.8	49.8

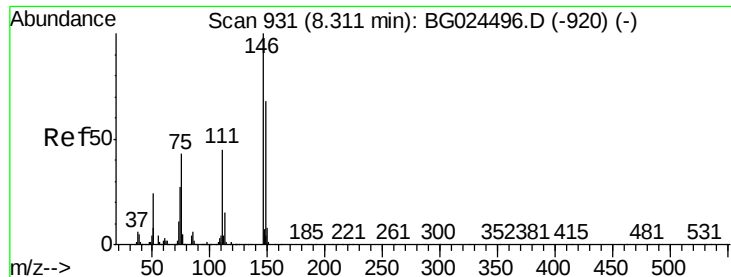


#12
1,3-Dichlorobenzene
Concen: 37.59 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

Tgt Ion: 146 Resp: 293390

Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.2	73.8
75	38.0	33.4	50.2

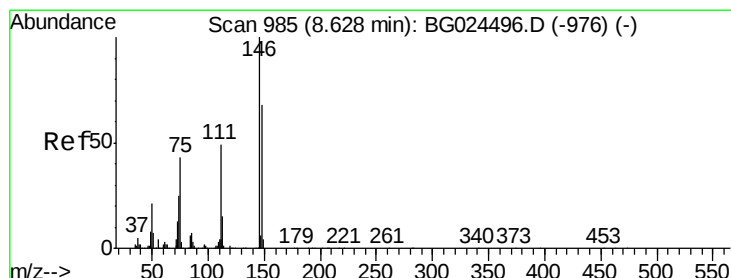
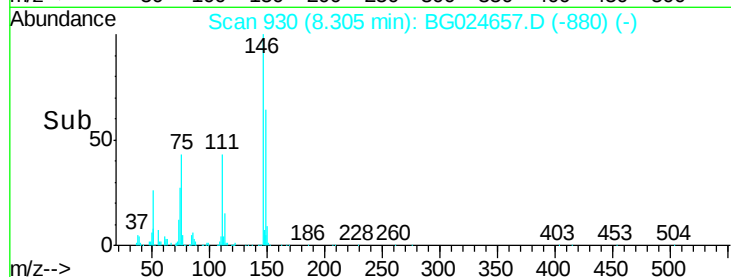
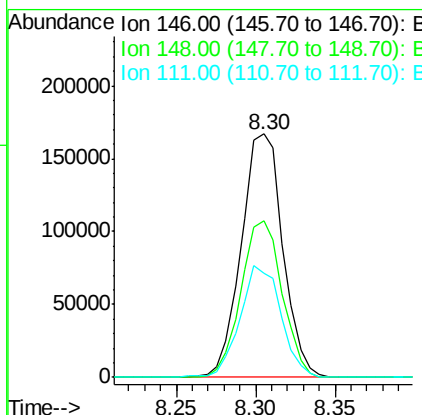
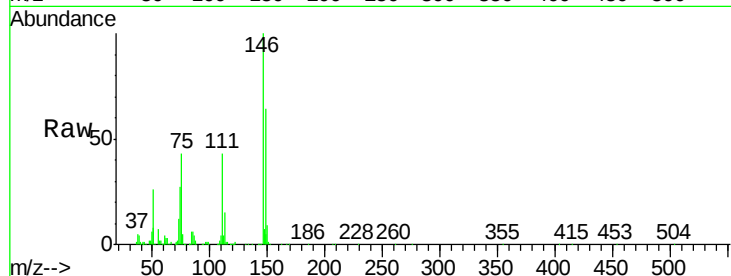




#13
 1,4-Dichlorobenzene
 Concen: 39.44 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

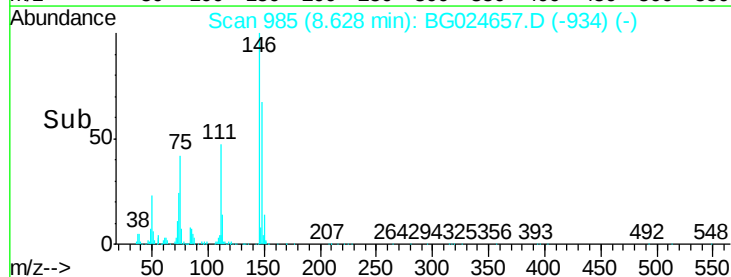
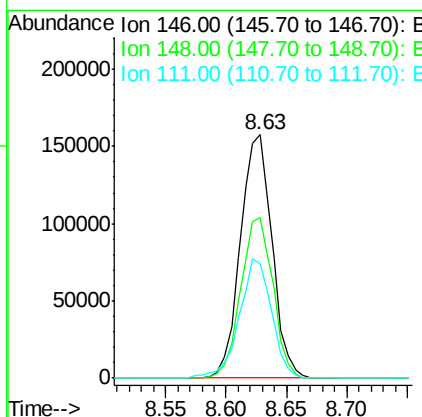
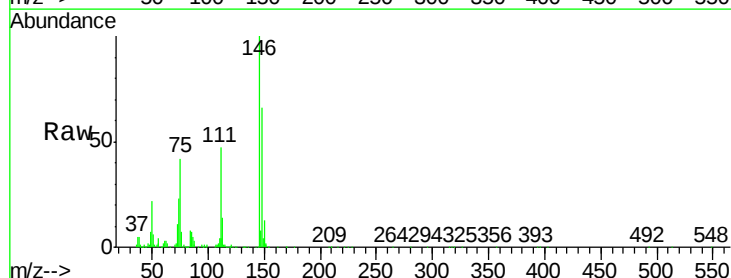
Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

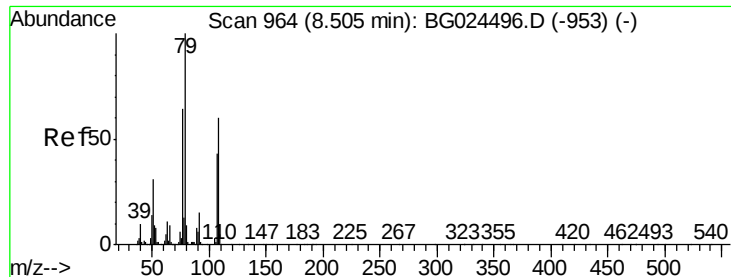
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	42.6	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 38.84 ng
 RT: 8.63 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.6	81.8
111	46.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 41.71 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

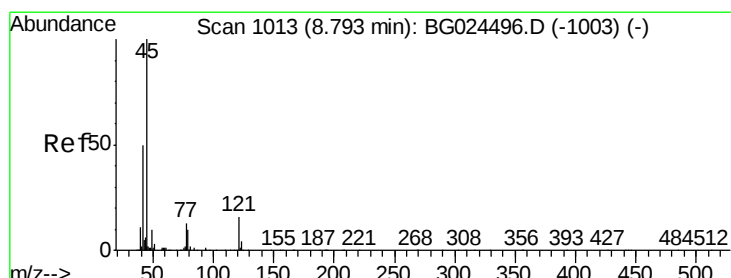
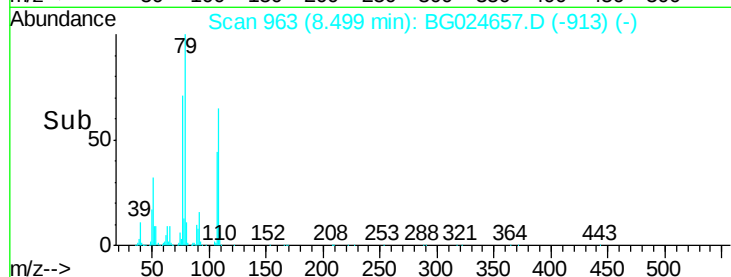
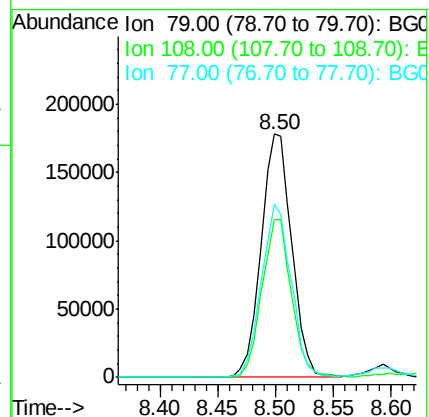
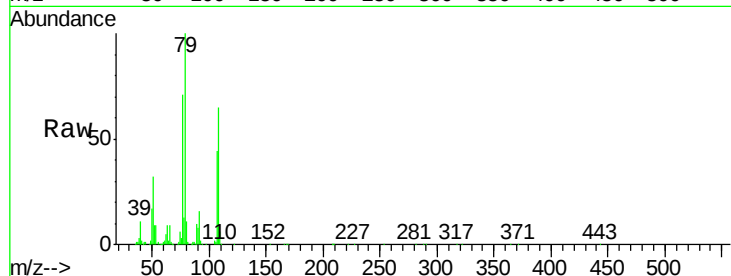
Tgt Ion: 79 Resp: 330026

Ion Ratio Lower Upper

79 100

108 64.9 45.5 68.3

77 71.1 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.09 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

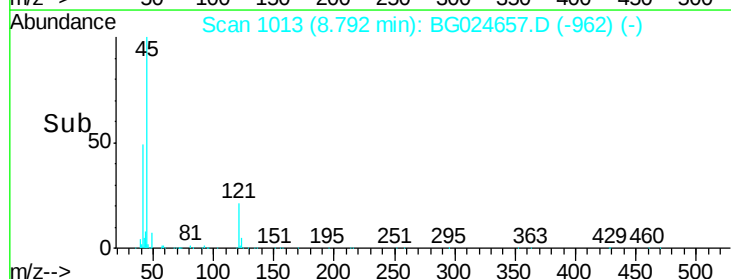
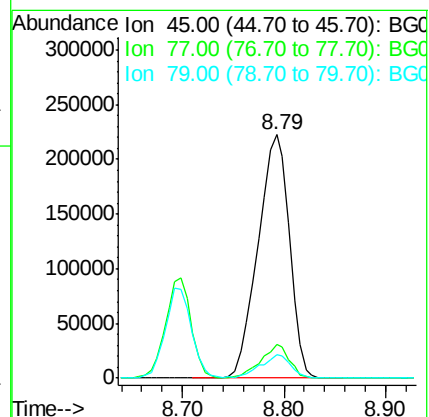
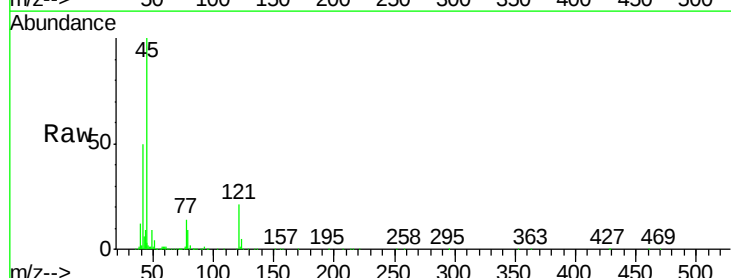
Tgt Ion: 45 Resp: 477733

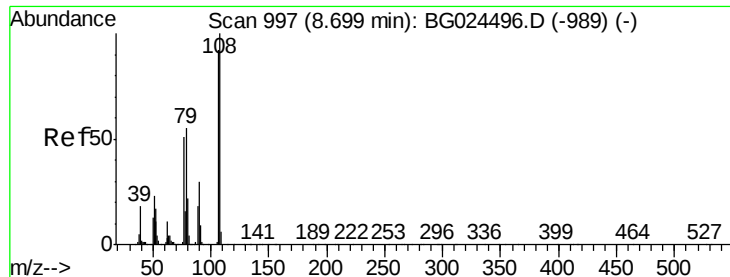
Ion Ratio Lower Upper

45 100

77 13.7 0.0 30.6

79 9.4 0.0 28.5

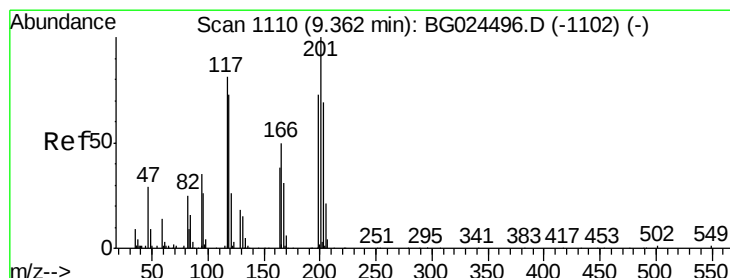
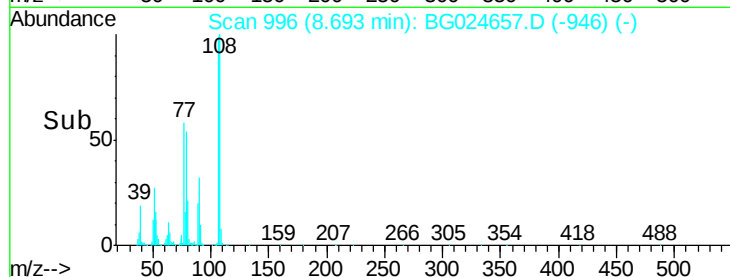
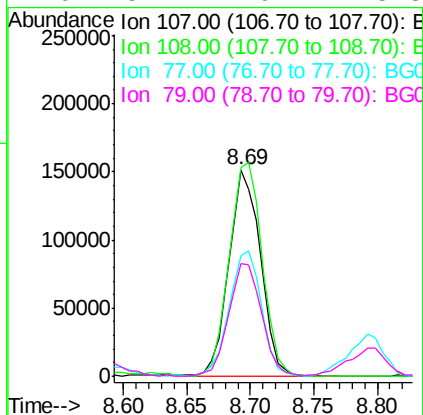
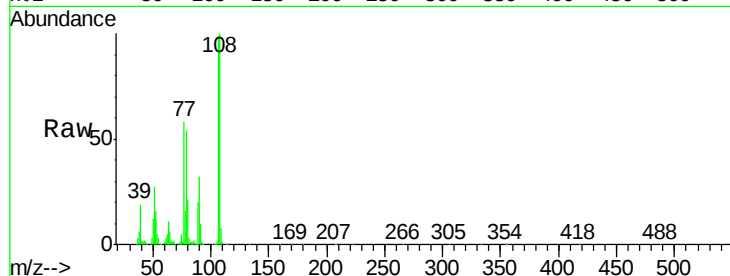




#17
2-Methylphenol
Concen: 44.85 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

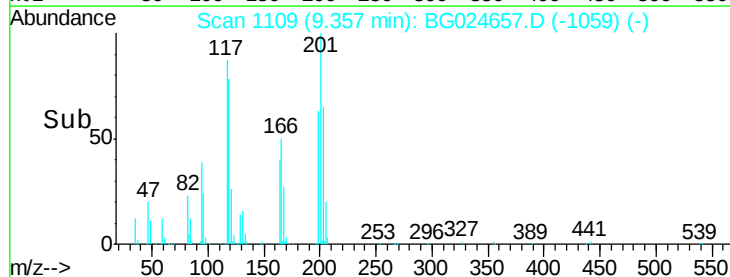
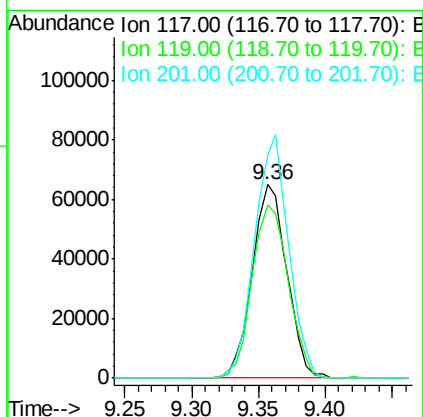
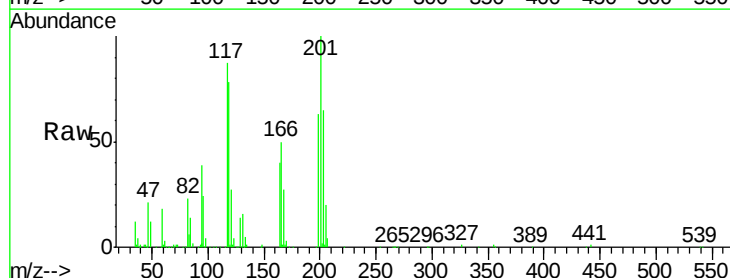
Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

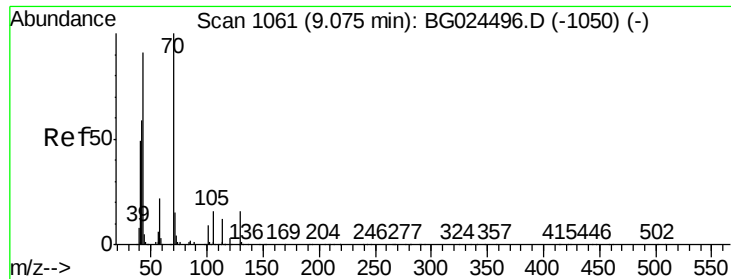
Tgt Ion:	107	Resp:	260586
Ion	Ratio	Lower	Upper
107	100		
108	100.9	85.6	128.4
77	58.6	51.4	77.2
79	54.7	49.2	73.8



#18
Hexachloroethane
Concen: 38.99 ng
RT: 9.36 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

Tgt Ion:	117	Resp:	115556
Ion	Ratio	Lower	Upper
117	100		
119	89.6	69.8	104.6
201	115.5	95.4	143.0

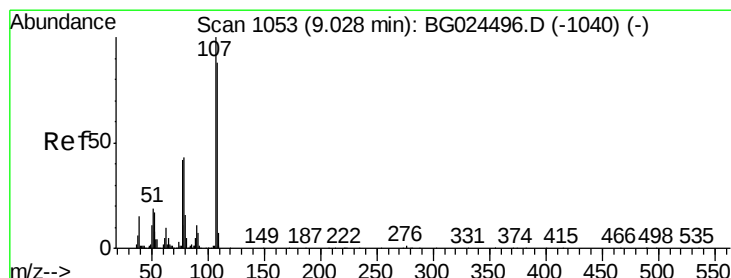
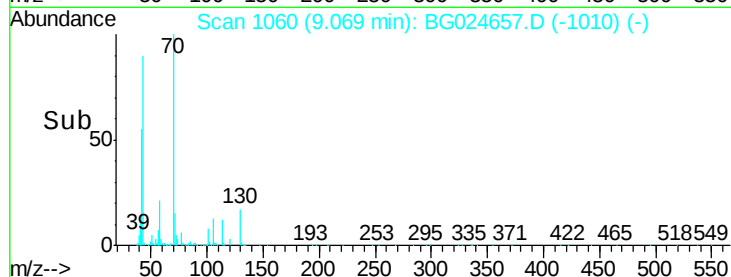
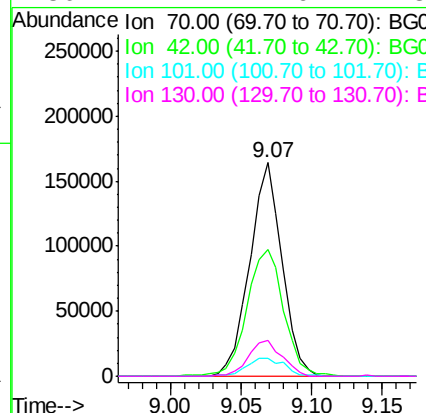
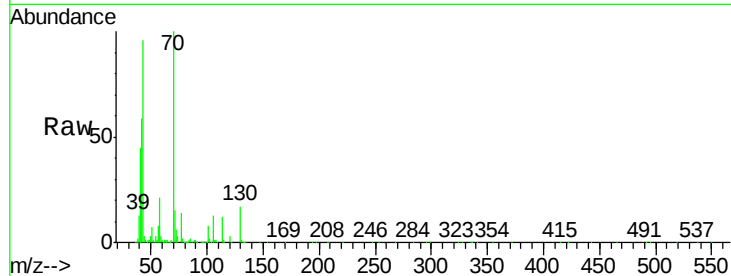




#19
n-Nitroso-di-n-propylamine
Concen: 41.99 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

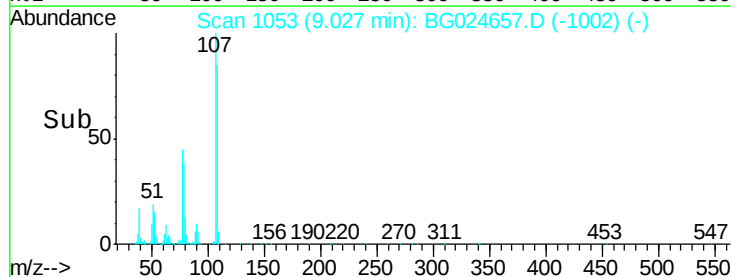
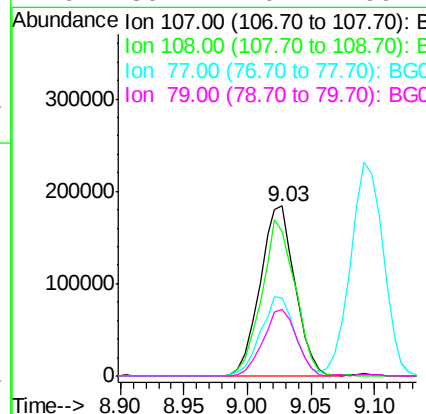
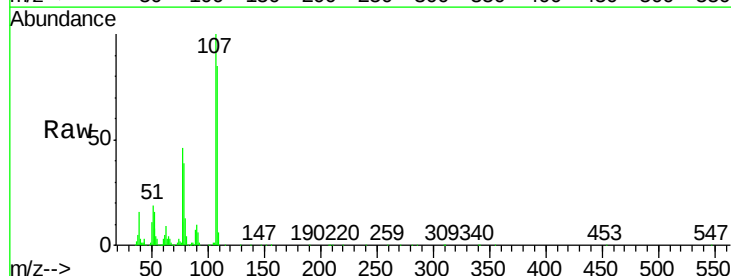
Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

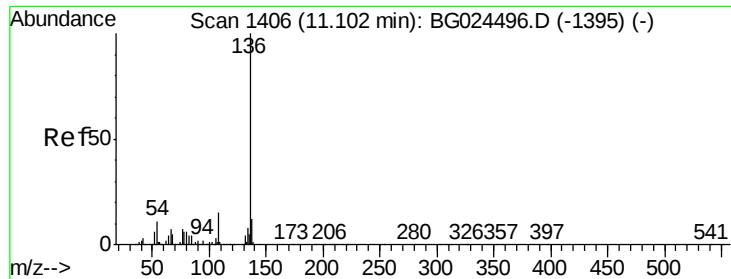
Tgt Ion:	70	Resp:	263248
Ion	Ratio	Lower	Upper
70	100		
42	59.1	56.1	84.1
101	8.3	7.5	11.3
130	17.1	14.6	21.8



#20
3+4-Methylphenols
Concen: 45.23 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

Tgt Ion:	107	Resp:	352833
Ion	Ratio	Lower	Upper
107	100		
108	85.4	70.8	110.8
77	45.7	25.8	65.8
79	39.1	20.1	60.1

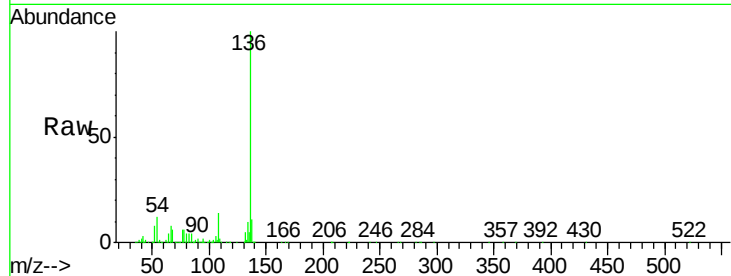




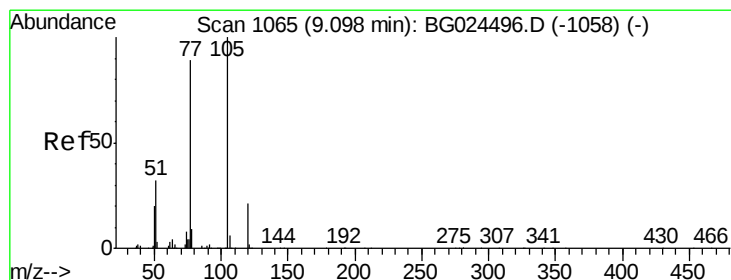
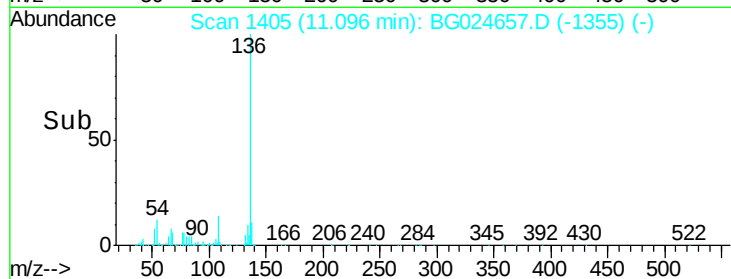
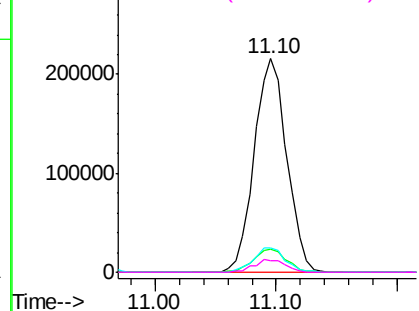
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

Tgt Ion:	136	Resp:	403687
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.7	9.3	13.9
68	5.7	5.1	7.7

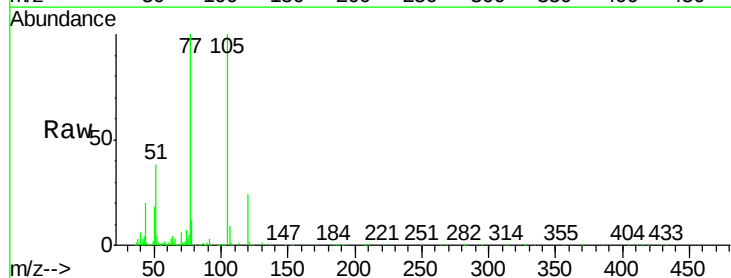


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

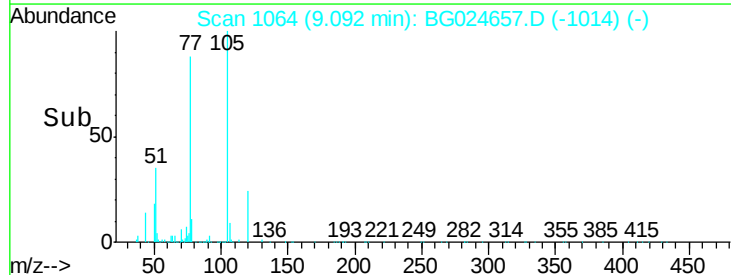
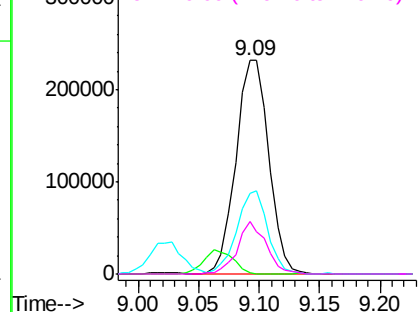


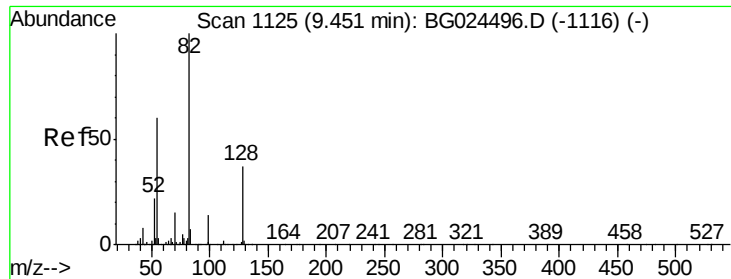
#22
Acetophenone
Concen: 42.41 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

Tgt Ion:	105	Resp:	439818
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.9	1.3
51	37.8	34.0	51.0
120	24.4	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

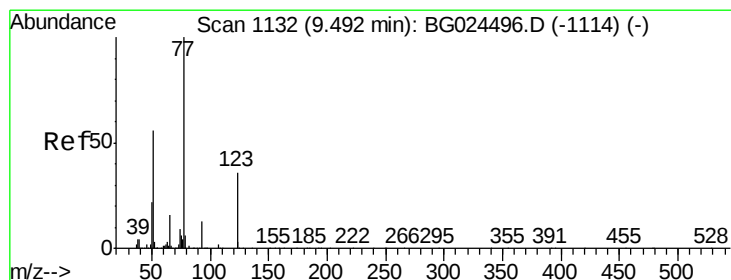
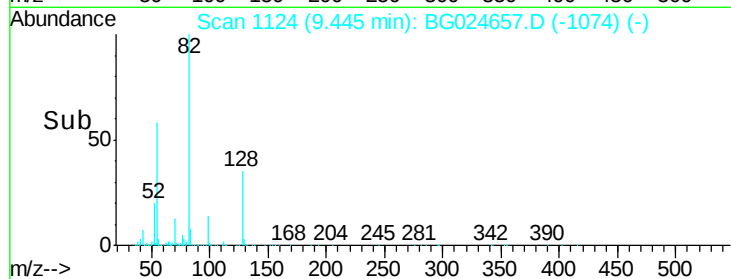
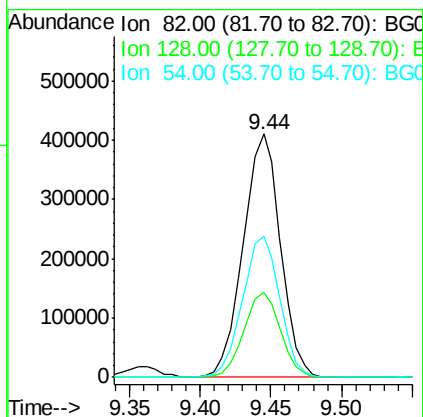
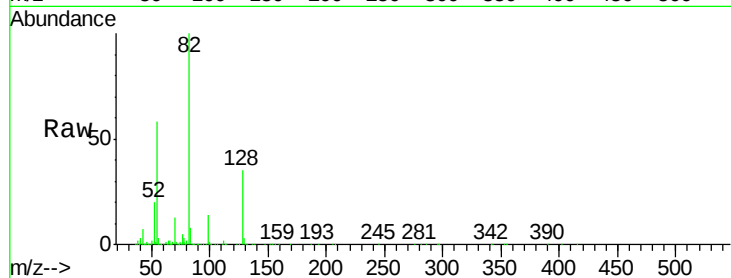




#23
 Nitrobenzene-d5
 Concen: 85.52 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

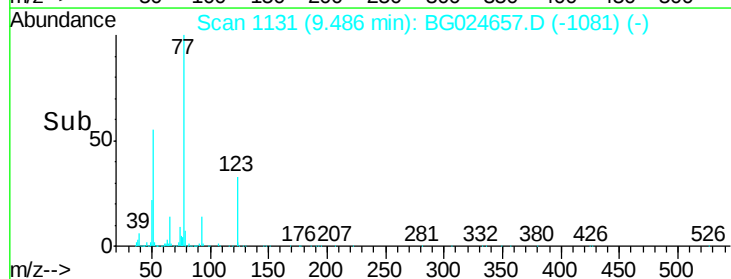
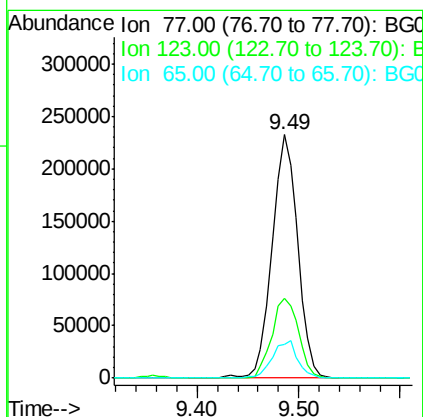
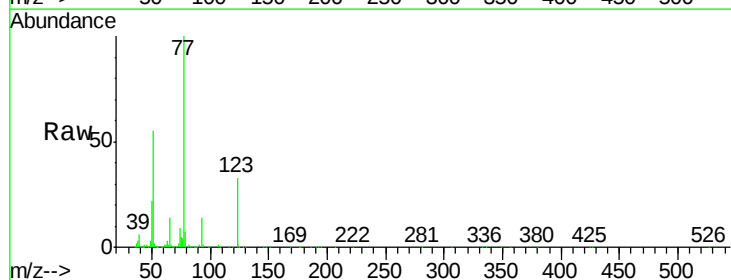
Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

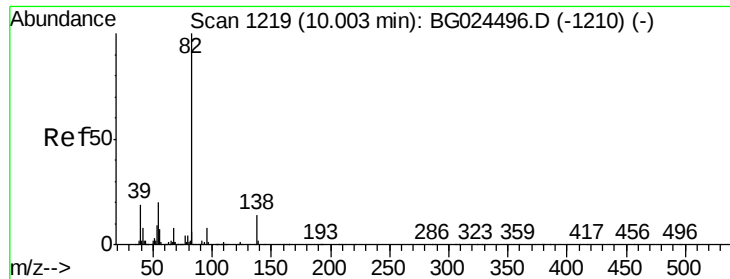
Tgt Ion: 82 Resp: 758243
 Ion Ratio Lower Upper
 82 100
 128 34.6 26.4 39.6
 54 58.1 49.4 74.2



#24
 Nitrobenzene
 Concen: 41.51 ng
 RT: 9.49 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Tgt Ion: 77 Resp: 409407
 Ion Ratio Lower Upper
 77 100
 123 33.0 26.1 39.1
 65 14.1 12.4 18.6





#25

Isophorone

Concen: 43.98 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

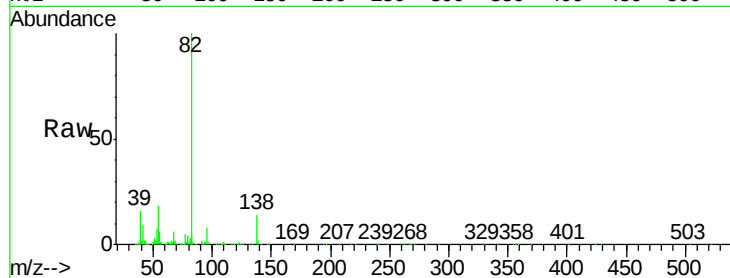
Tgt Ion: 82 Resp: 725366

Ion Ratio Lower Upper

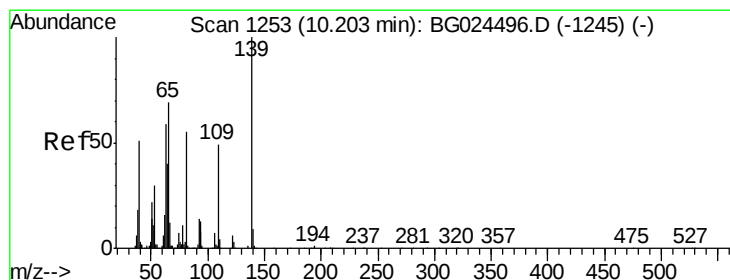
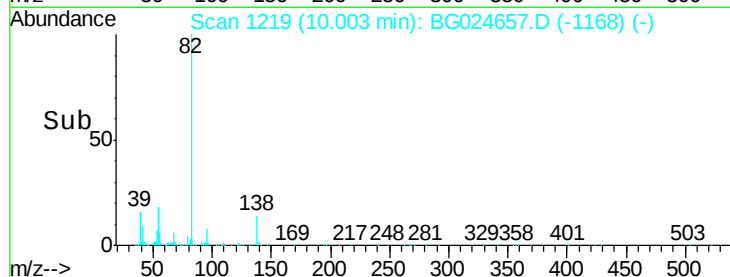
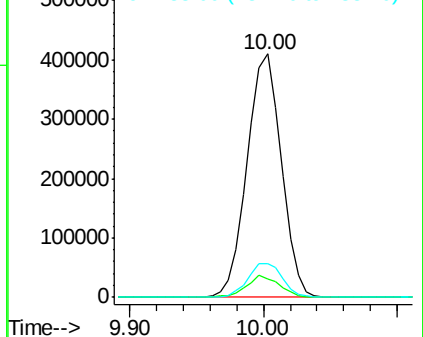
82 100

95 7.7 7.5 11.3

138 13.8 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



#26

2-Nitrophenol

Concen: 44.98 ng

RT: 10.20 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

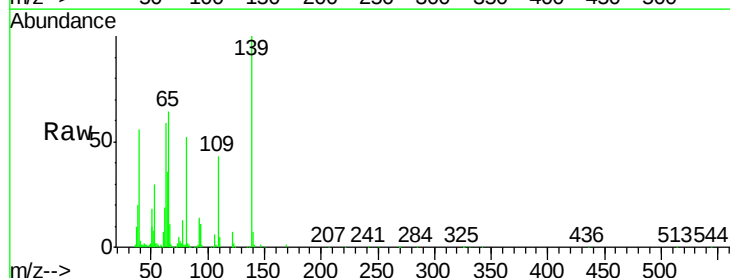
Tgt Ion: 139 Resp: 164666

Ion Ratio Lower Upper

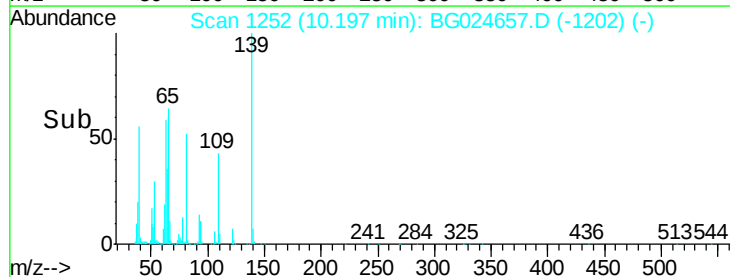
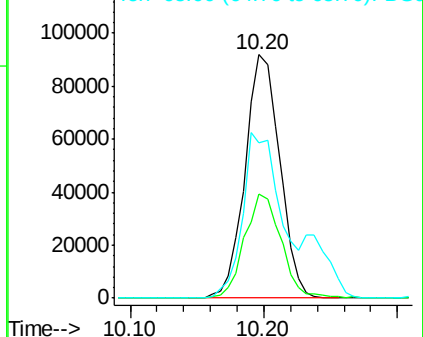
139 100

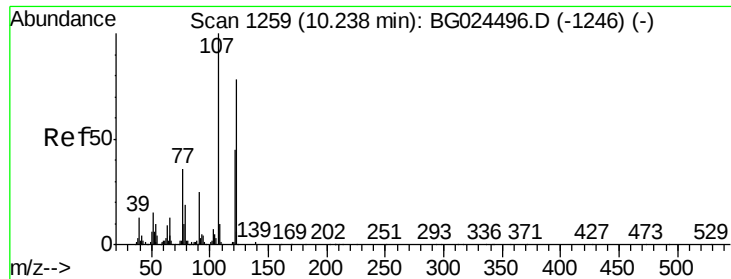
109 42.6 38.6 58.0

65 63.8 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

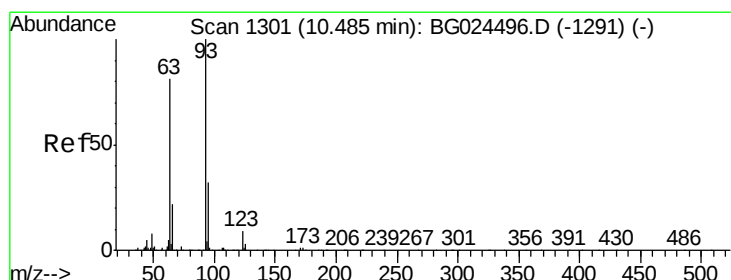
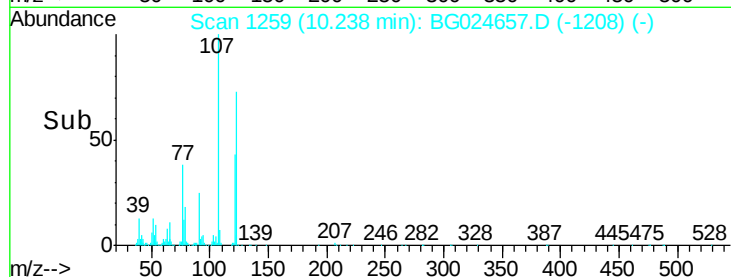
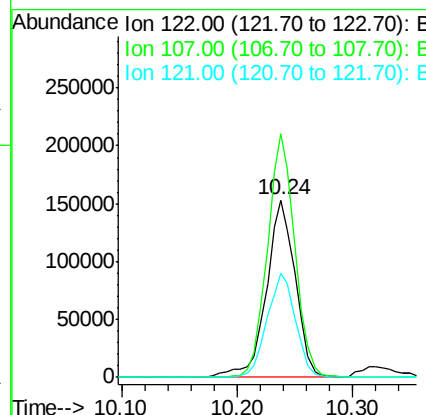
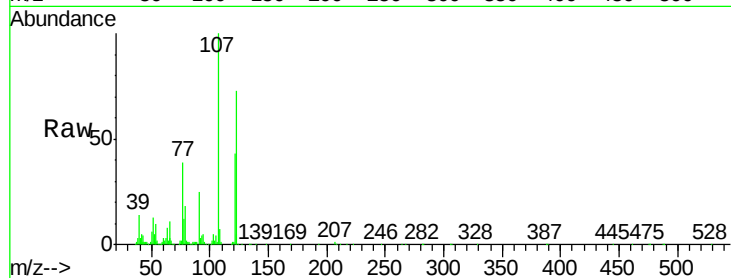




#27
 2,4-Dimethylphenol
 Concen: 41.78 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

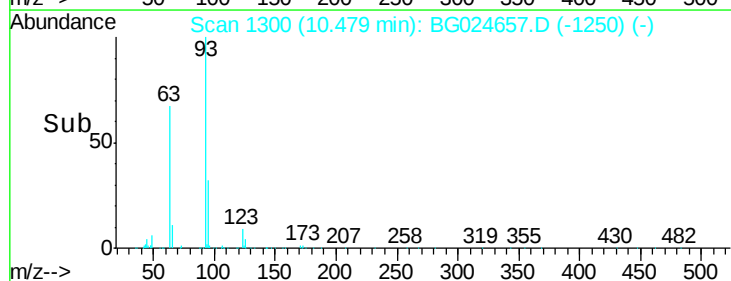
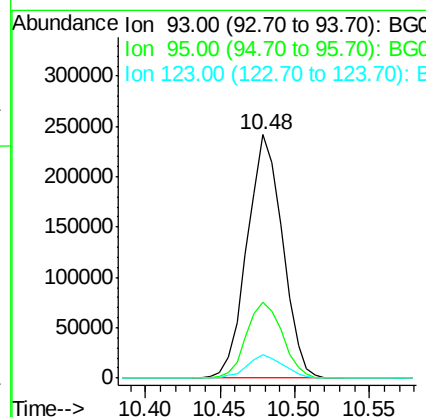
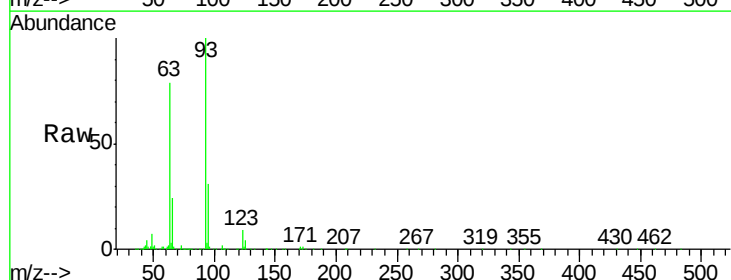
Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

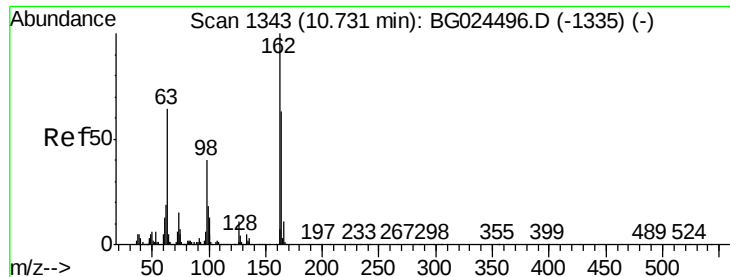
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.3	104.2	156.4
121	58.6	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.47 ng
 RT: 10.48 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.7	38.5
123	9.4	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 46.41 ng

RT: 10.73 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

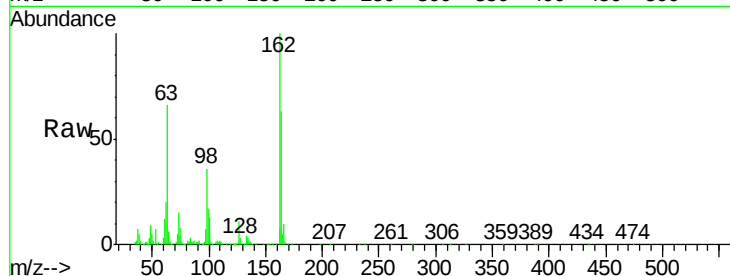
Tgt Ion:162 Resp: 312194

Ion Ratio Lower Upper

162 100

164 63.2 42.4 82.4

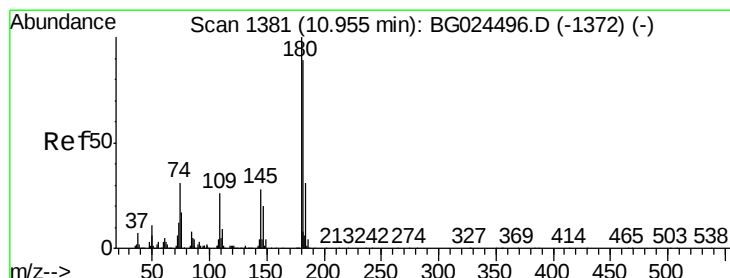
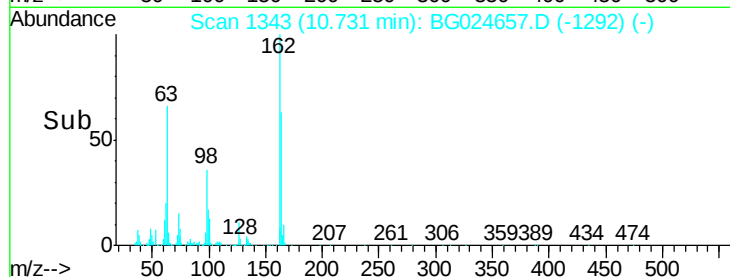
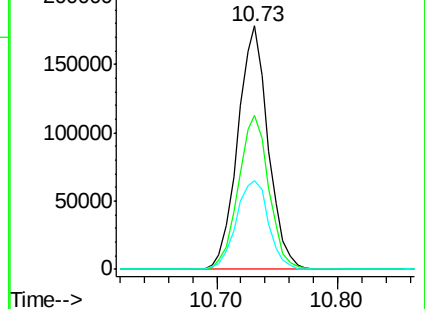
98 36.3 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.93 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

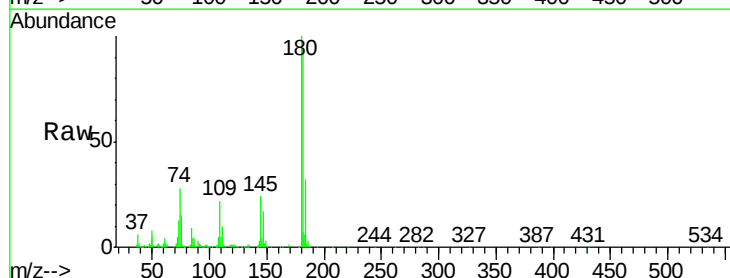
Tgt Ion:180 Resp: 326591

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

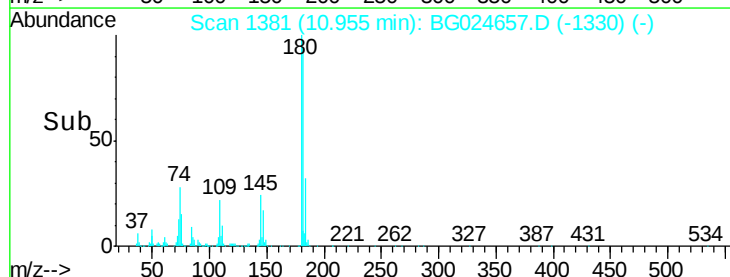
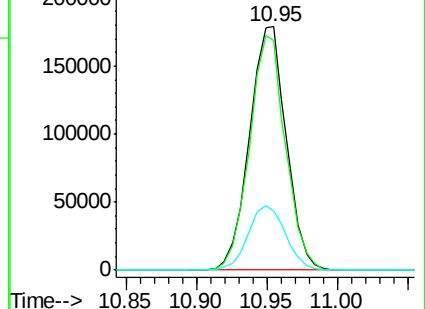
145 24.5 23.4 35.0

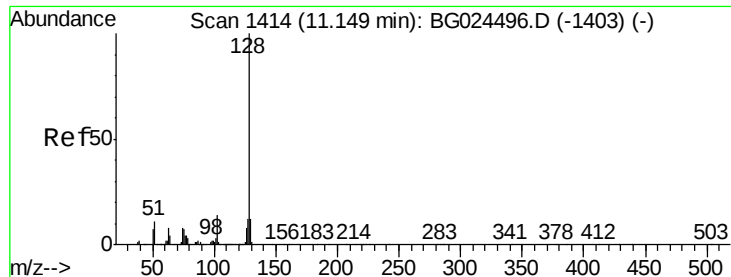


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

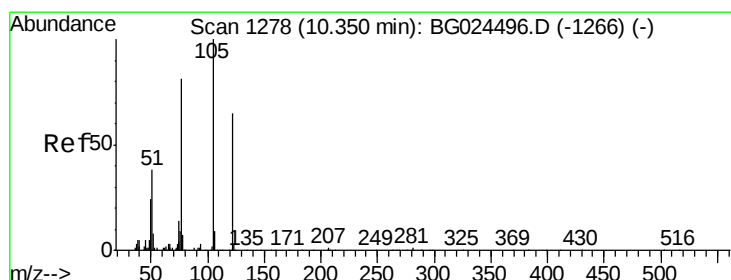
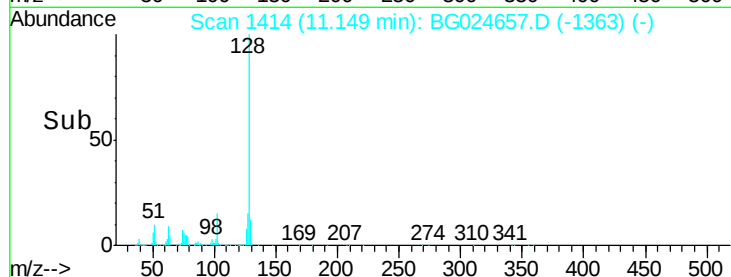
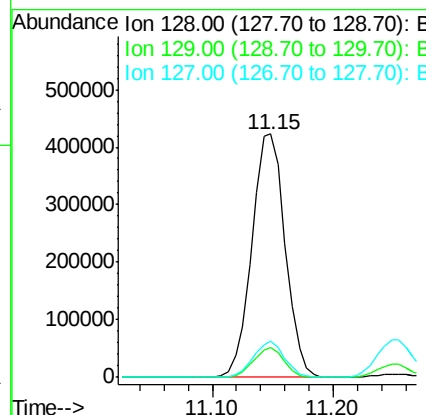
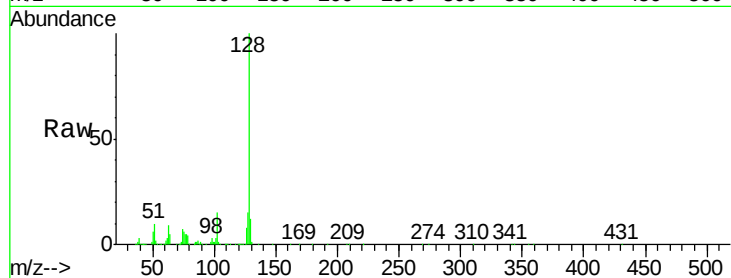




#31
Naphthalene
Concen: 40.20 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

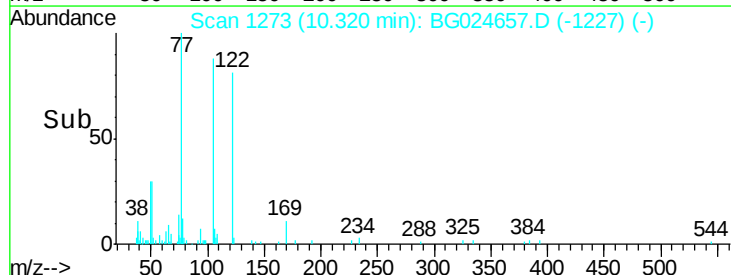
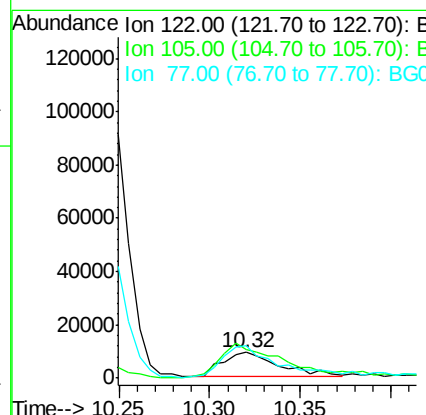
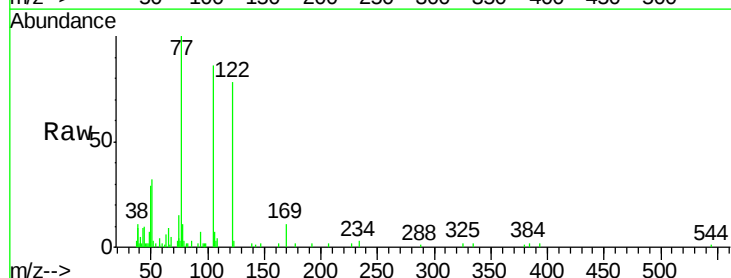
Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

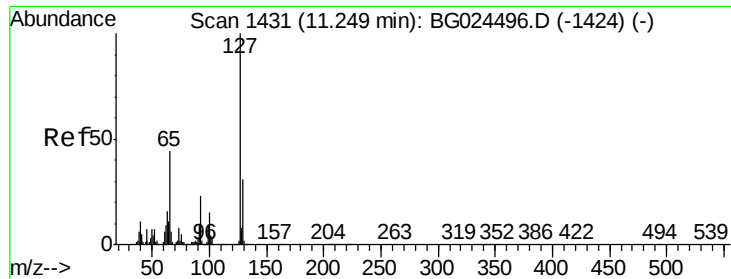
Tgt Ion:128 Resp: 809574
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 15.0 11.4 17.0



#32
Benzoic acid
Concen: 3.86 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BG024657.D
Acq: 3 Nov 2016 21:44

Tgt Ion:122 Resp: 20596
Ion Ratio Lower Upper
122 100
105 109.8 120.1 160.1#
77 127.4 104.6 144.6

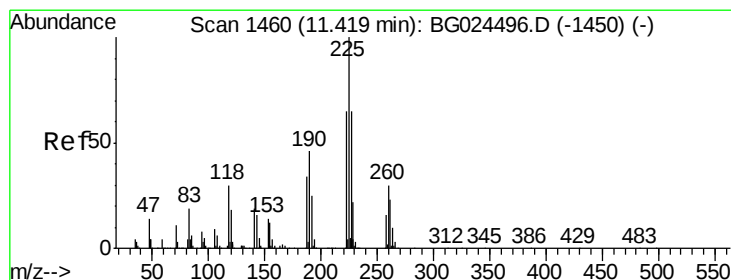
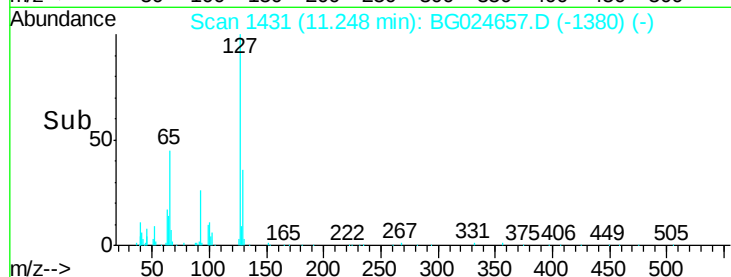
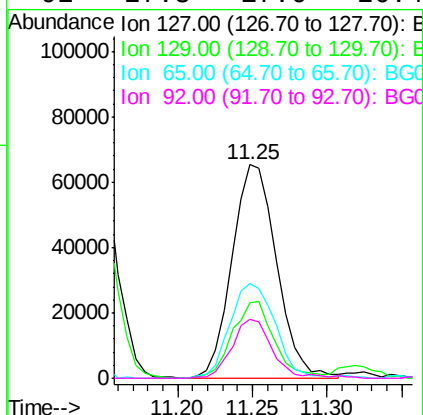
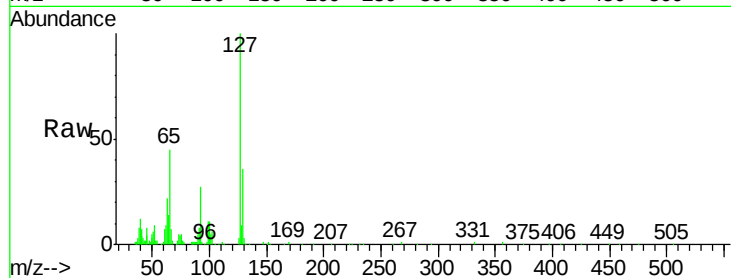




#33
 4-Chloroaniline
 Concen: 15.53 ng
 RT: 11.25 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

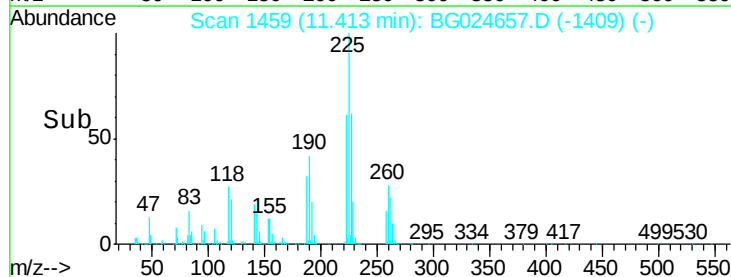
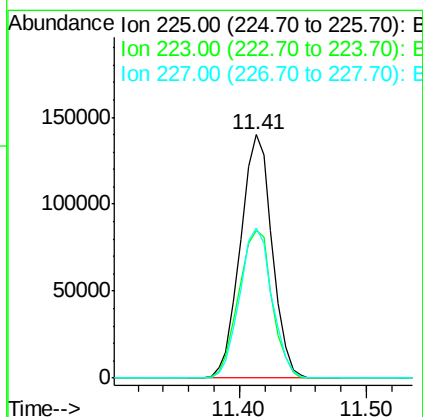
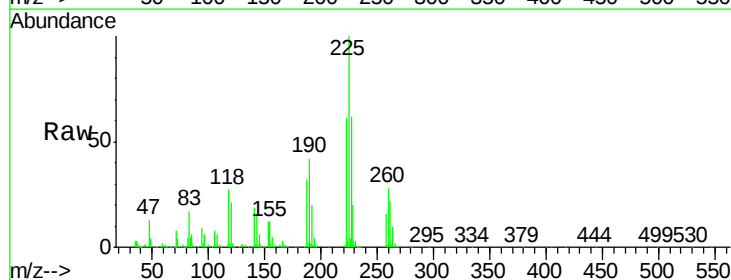
Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

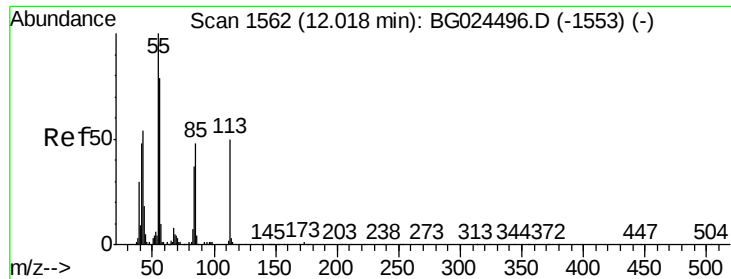
Tgt Ion:	127	Resp:	135817
Ion Ratio		Lower	Upper
127	100		
129	35.6	23.6	35.4#
65	44.6	37.7	56.5
92	27.3	17.6	26.4#



#34
 Hexachlorobutadiene
 Concen: 38.92 ng
 RT: 11.41 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Tgt Ion:	225	Resp:	243082
Ion Ratio		Lower	Upper
225	100		
223	60.6	50.7	76.1
227	61.9	49.0	73.6

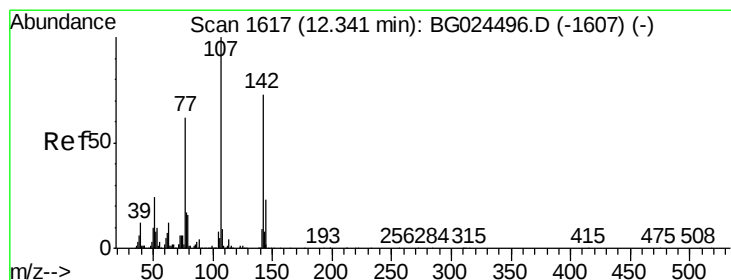
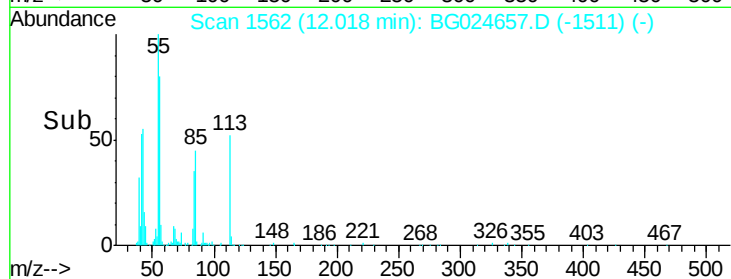
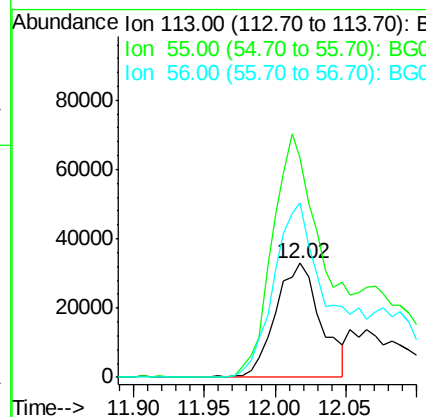
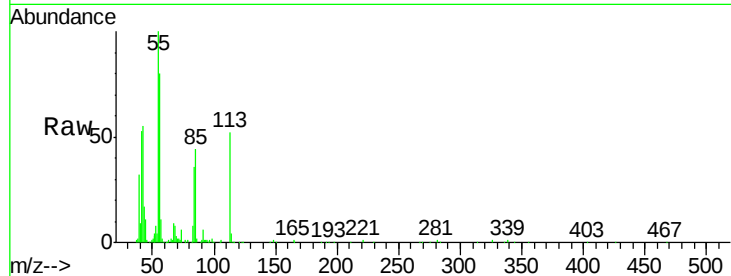




#35
 Caprolactam
 Concen: 30.00 ng
 RT: 12.02 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

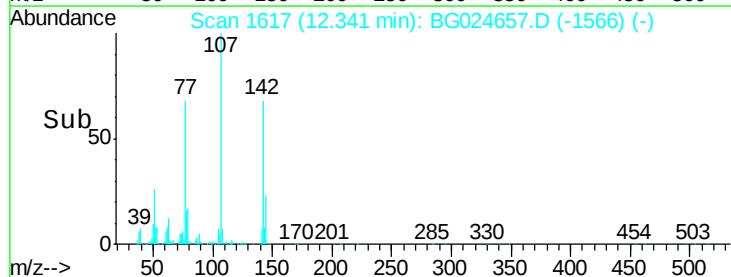
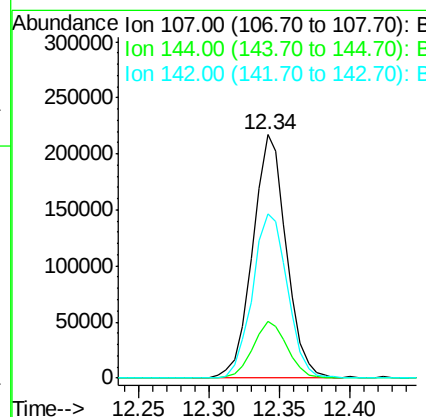
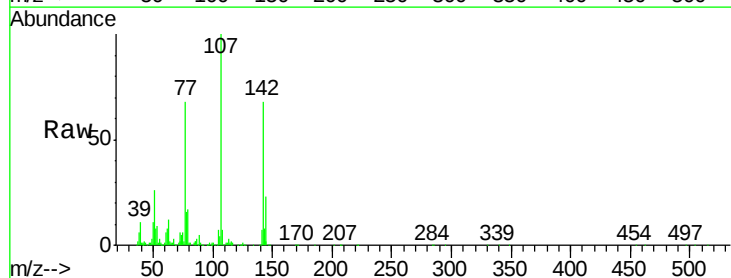
Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

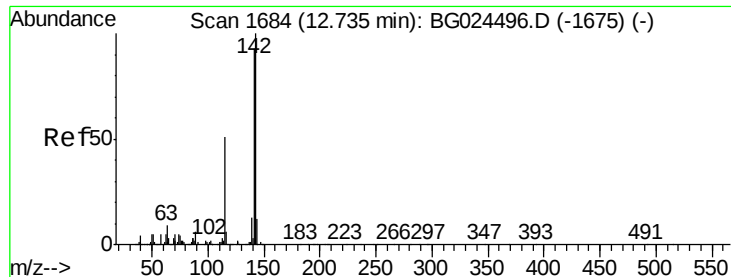
Tgt Ion:113 Resp: 73885
 Ion Ratio Lower Upper
 113 100
 55 192.7 198.6 238.6#
 56 153.5 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.70 ng
 RT: 12.34 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Tgt Ion:107 Resp: 363004
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.4 26.0
 142 67.6 54.1 81.1





#37

2-Methylnaphthalene

Concen: 41.66 ng

RT: 12.73 min Scan# 1683

Delta R.T. -0.01 min

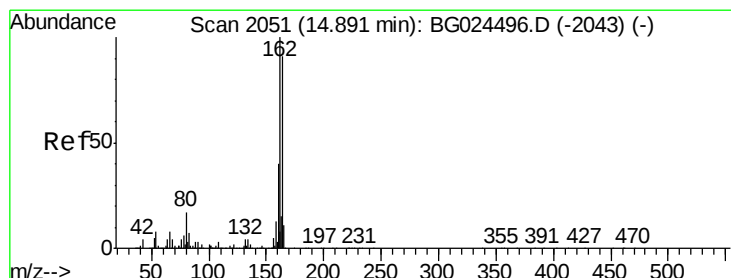
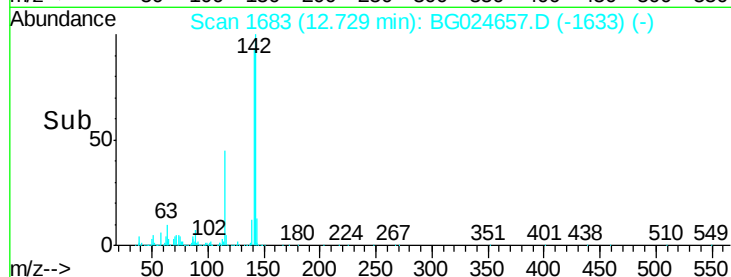
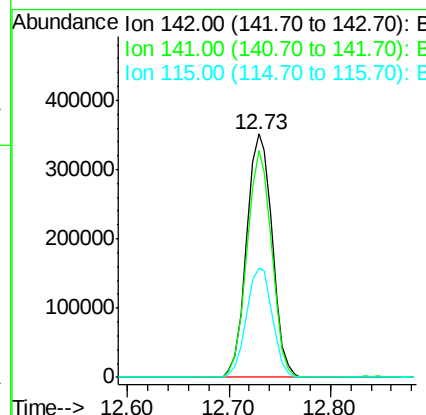
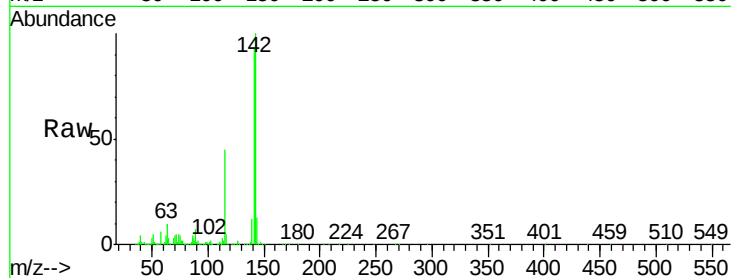
Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

Tgt Ion:142 Resp: 612157

Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.4	105.6
115	45.1	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2050

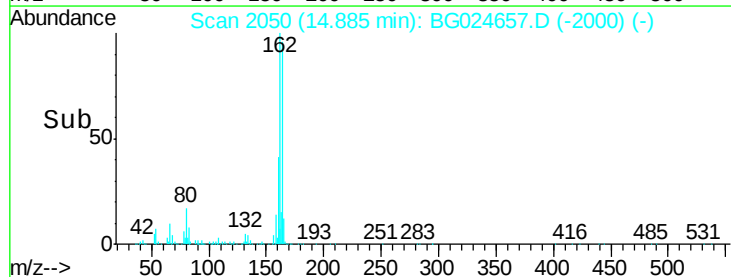
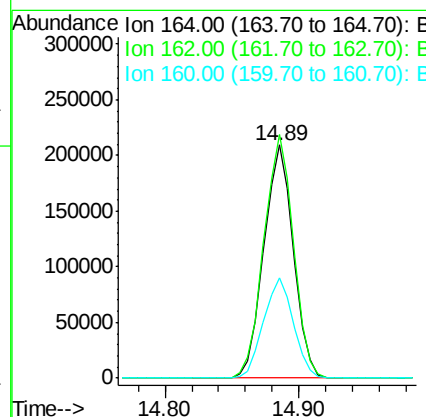
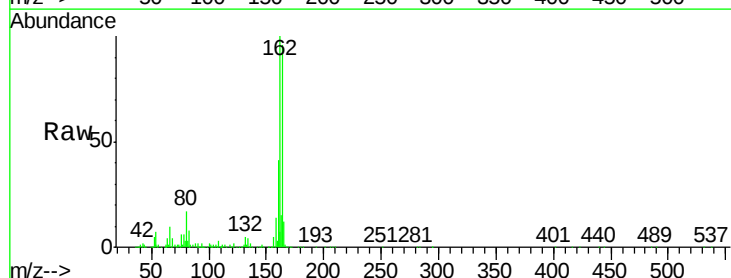
Delta R.T. -0.01 min

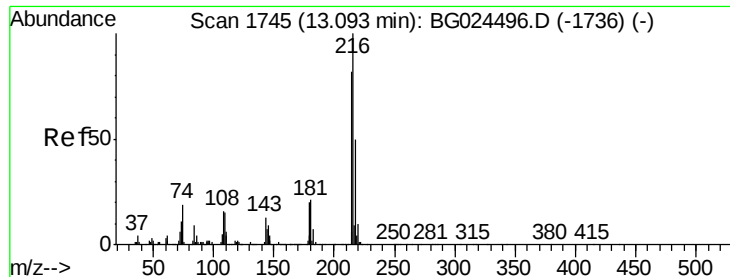
Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Tgt Ion:164 Resp: 318238

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	42.9	34.7	52.1

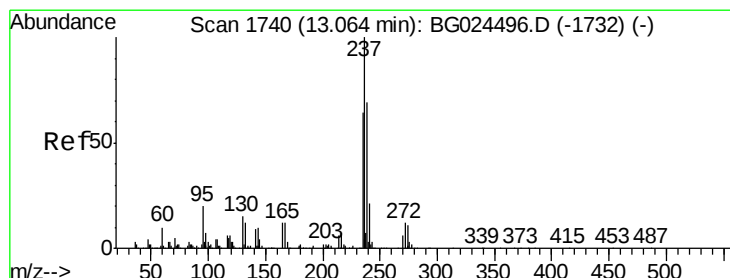
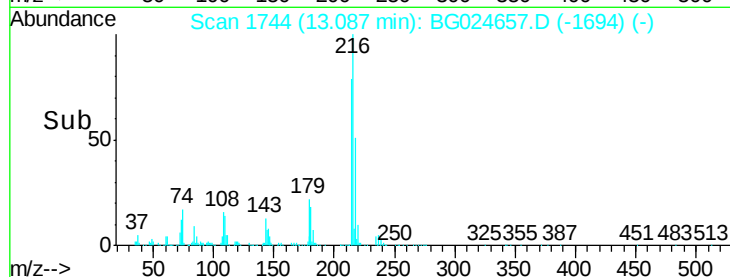
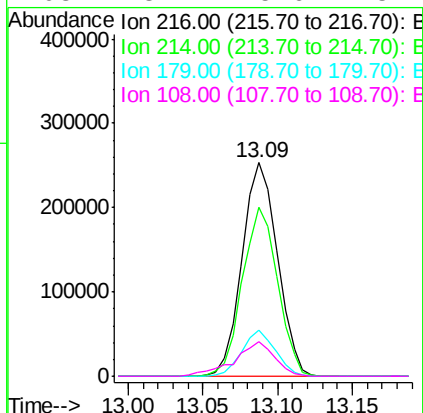
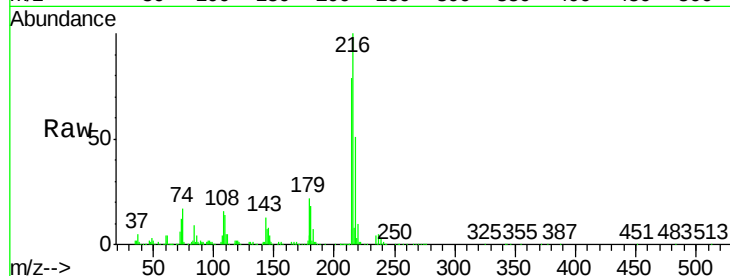




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.77 ng
 RT: 13.09 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

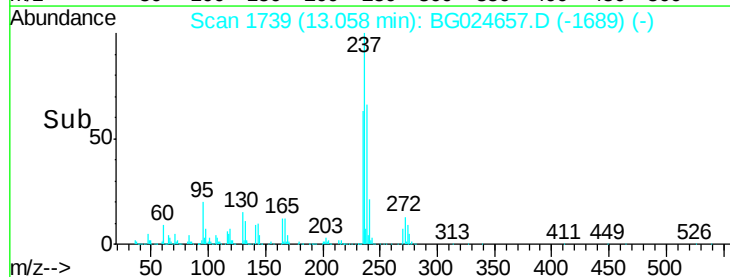
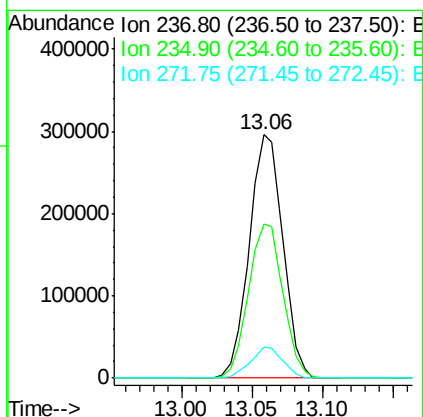
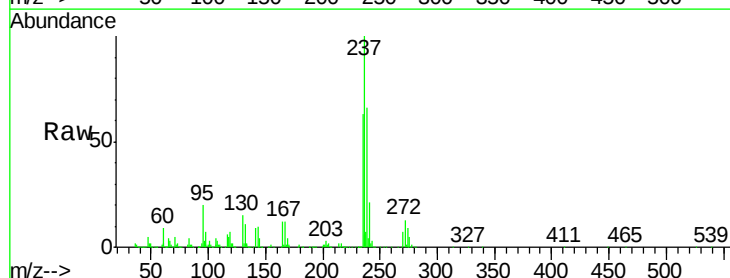
Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

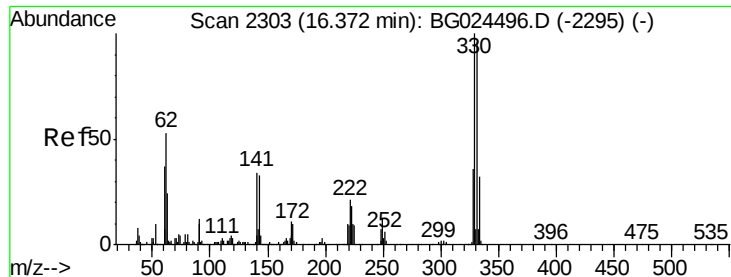
Tgt Ion:	216	Resp:	416105
Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.4	96.6
179	20.6	17.4	26.0
108	18.2	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 81.86 ng
 RT: 13.06 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Tgt Ion:	237	Resp:	494829
Ion	Ratio	Lower	Upper
237	100		
235	63.5	39.4	79.4
272	12.9	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 132.69 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MS

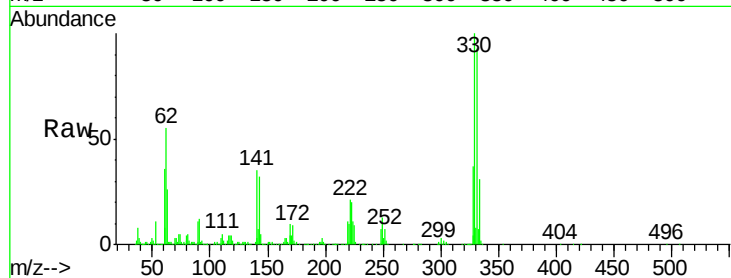
Tgt Ion:330 Resp: 630857

Ion Ratio Lower Upper

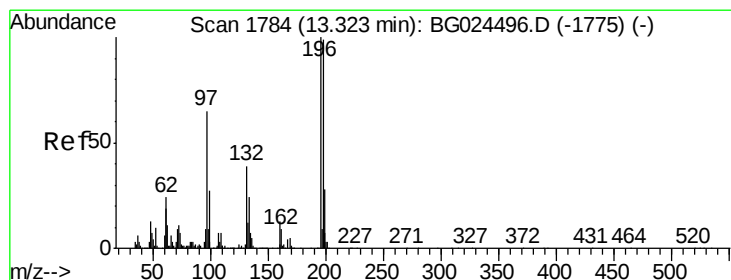
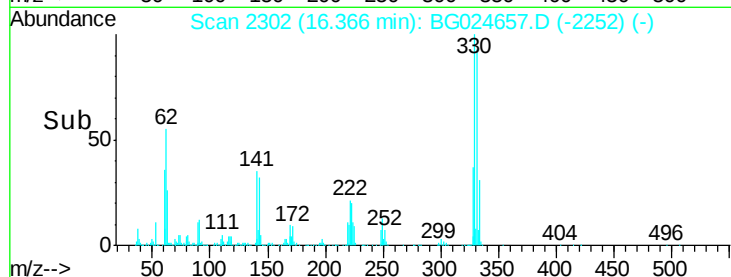
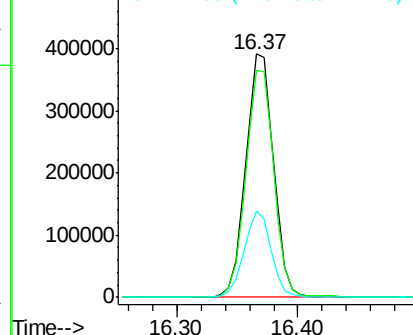
330 100

332 94.4 77.3 115.9

141 34.4 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: 43.60 ng

RT: 13.32 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BG024657.D

Acq: 3 Nov 2016 21:44

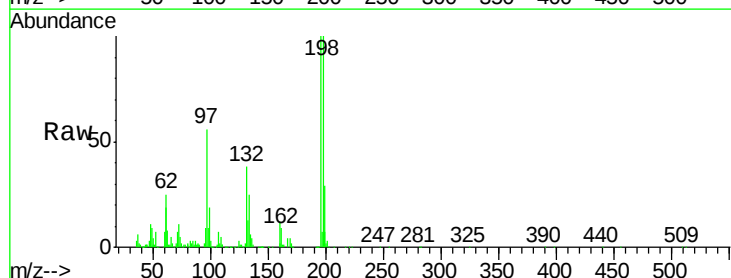
Tgt Ion:196 Resp: 281299

Ion Ratio Lower Upper

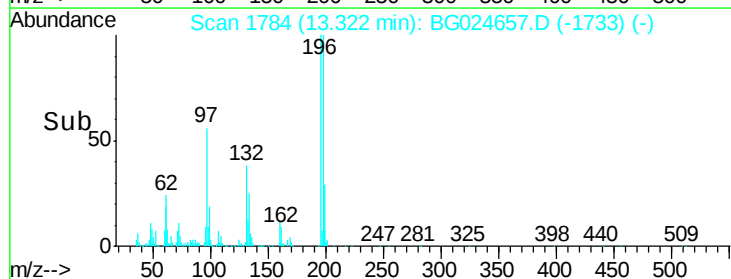
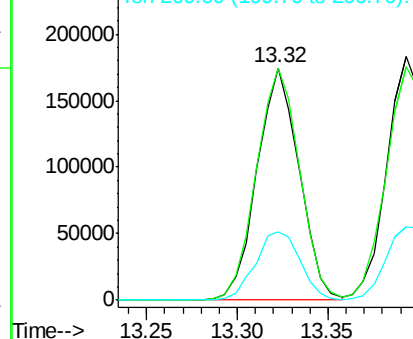
196 100

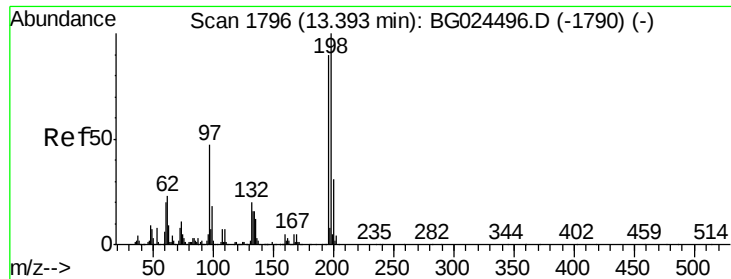
198 99.7 81.4 122.2

200 29.2 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

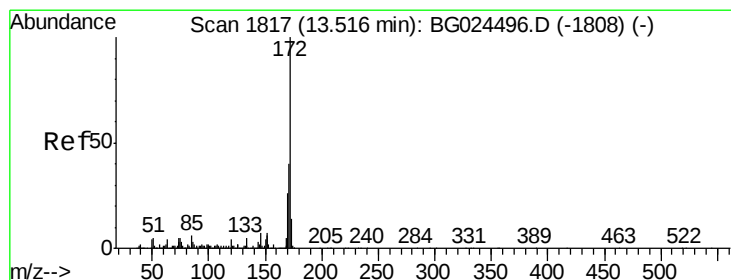
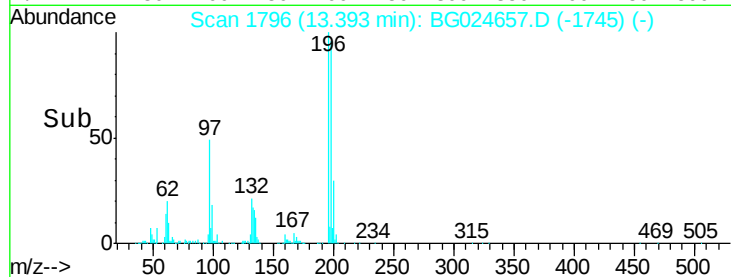
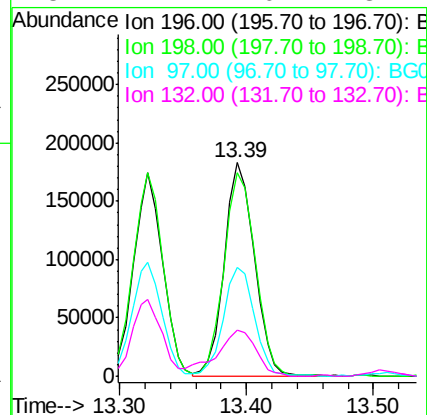
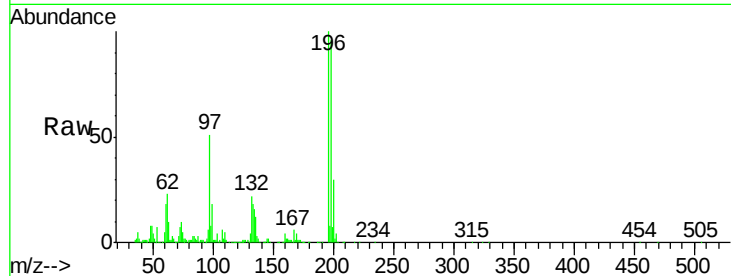




#43
 2,4,5-Trichlorophenol
 Concen: 43.17 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MS

Tgt Ion:	196	Resp:	301136
Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.9	119.9
97	50.7	45.4	68.0
132	21.7	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 77.00 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024657.D
 Acq: 3 Nov 2016 21:44

Tgt Ion:	172	Resp:	1474397
Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.2	48.2
170	26.3	21.8	32.6

