

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BGCCAL03.D
 Acq On : 27 Jan 2015 19:41
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc : W
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 28 01:27:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 23:52:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	85685	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	357668	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	316518	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	784639	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1122657	20.00	ng	0.00
86) Perylene-d12	23.52	264	1102502	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	414062	71.96	ng	0.00
7) Phenol-d6	6.87	99	654450	70.58	ng	0.00
23) Nitrobenzene-d5	8.84	82	824519	66.45	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	476799	82.29	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1580322	78.34	ng	0.00
78) Terphenyl-d14	19.71	244	3281076	82.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	93654	31.60	ng	90
3) Pyridine	3.58	79	329564	32.98	ng	95
4) n-Nitrosodimethylamine	3.51	42	111245	28.83	ng	# 56
6) Aniline	7.02	93	462920	34.67	ng	95
8) 2-Chlorophenol	7.25	128	198377	35.93	ng	94
9) Benzaldehyde	6.83	77	266719	31.56	ng	88
10) Phenol	6.90	94	378794	35.84	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	280376	34.33	ng	96
12) 1,3-Dichlorobenzene	7.57	146	254067	38.89	ng	92
13) 1,4-Dichlorobenzene	7.72	146	255458	37.87	ng	98
14) 1,2-Dichlorobenzene	8.04	146	237921	35.99	ng	97
15) Benzyl Alcohol	7.93	79	348953	34.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	196513	29.77	ng	90
17) 2-Methylphenol	8.14	107	232065	35.44	ng	93
18) Hexachloroethane	8.75	117	122608	35.35	ng	91
19) n-Nitroso-di-n-propylamine	8.49	70	300812	32.52	ng	# 91
20) 3+4-Methylphenols	8.47	107	311756	36.32	ng	93
22) Acetophenone	8.51	105	431219	35.98	ng	97
24) Nitrobenzene	8.88	77	444676	34.07	ng	96
25) Isophorone	9.40	82	767242	34.97	ng	97
26) 2-Nitrophenol	9.59	139	124694	38.58	ng	88
27) 2,4-Dimethylphenol	9.66	122	234084	37.85	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	377041	35.50	ng	93
29) 2,4-Dichlorophenol	10.13	162	249362	38.61	ng	98
30) 1,2,4-Trichlorobenzene	10.33	180	301989	38.56	ng	97
31) Naphthalene	10.52	128	683508	37.34	ng	98
32) Benzoic acid	9.82	122	47488	32.65	ng	# 74
33) 4-Chloroaniline	10.63	127	320665	37.58	ng	# 89
34) Hexachlorobutadiene	10.80	225	298960	39.03	ng	# 90
35) Caprolactam	11.41	113	119136	37.54	ng	95
36) 4-Chloro-3-methylphenol	11.77	107	353259	37.19	ng	94
37) 2-Methylnaphthalene	12.14	142	554257	38.12	ng	89
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	503302	41.70	ng	# 94
40) Hexachlorocyclopentadiene	12.49	237	337703	37.13	ng	94

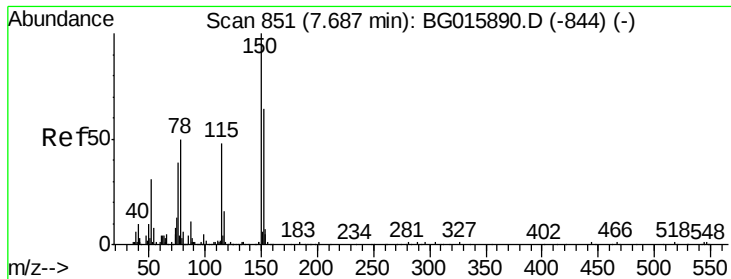
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	297392	42.06	ng	92
43) 2,4,5-Trichlorophenol	12.83	196	325582	40.73	ng	96
45) 1,1'-Biphenyl	13.16	154	776774	38.88	ng	97
46) 2-Chloronaphthalene	13.20	162	645991	38.29	ng	93
47) 2-Nitroaniline	13.41	65	276935	32.18	ng	# 86
48) Acenaphthylene	14.05	152	988955	38.61	ng	99
49) Dimethylphthalate	13.79	163	854248	37.51	ng	98
50) 2,6-Dinitrotoluene	13.92	165	199139	38.73	ng	91
51) Acenaphthene	14.39	154	594623	36.95	ng	94
52) 3-Nitroaniline	14.25	138	173805	35.93	ng	98
53) 2,4-Dinitrophenol	14.46	184	87639	32.07	ng	# 88
54) Dibenzofuran	14.73	168	1031517	38.84	ng	93
55) 4-Nitrophenol	14.57	139	118267	35.53	ng	# 87
56) 2,4-Dinitrotoluene	14.71	165	287456	38.21	ng	# 81
57) Fluorene	15.38	166	891919	37.23	ng	91
58) 2,3,4,6-Tetrachlorophenol	14.96	232	361817	40.88	ng	93
59) Diethylphthalate	15.16	149	882588	37.95	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	626430	39.32	ng	99
61) 4-Nitroaniline	15.42	138	187909	36.62	ng	# 86
62) Azobenzene	15.67	77	1264181	33.58	ng	94
64) 4,6-Dinitro-2-methylphenol	15.48	198	200962	35.49	ng	91
65) n-Nitrosodiphenylamine	15.60	169	848161	37.89	ng	# 88
66) 4-Bromophenyl-phenylether	16.27	248	474770	41.44	ng	97
67) Hexachlorobenzene	16.39	284	512680	41.39	ng	# 90
68) Atrazine	16.55	200	409030	37.96	ng	97
69) Pentachlorophenol	16.74	266	232094	41.90	ng	94
70) Phenanthrene	17.12	178	1509538	38.35	ng	97
71) Anthracene	17.21	178	1505656	38.98	ng	98
72) Carbazole	17.49	167	1292871	37.97	ng	97
73) Di-n-butylphthalate	18.05	149	1515461	38.67	ng	100
74) Fluoranthene	19.14	202	1993251	37.92	ng	97
76) Benzidine	19.34	184	933901	34.34	ng	97
77) Pyrene	19.51	202	2089599	39.17	ng	99
79) Butylbenzylphthalate	20.41	149	719761	36.80	ng	95
80) Benzo(a)anthracene	21.26	228	2310747	39.30	ng	96
81) 3,3'-Dichlorobenzidine	21.19	252	1022249	40.75	ng	98
82) Chrysene	21.31	228	2158971	38.51	ng	97
83) Bis(2-ethylhexyl)phthalate	21.18	149	982759	37.37	ng	99
84) Di-n-octyl phthalate	22.06	149	1600743	39.34	ng	96
85) Indeno(1,2,3-cd)pyrene	25.82	276	2707132	41.13	ng	99
87) Benzo(b)fluoranthene	22.84	252	2461374	39.11	ng	99
88) Benzo(k)fluoranthene	22.89	252	2310632	37.93	ng	98
89) Benzo(a)pyrene	23.42	252	2366055	39.08	ng	98
90) Dibenzo(a,h)anthracene	25.83	278	2269281	39.48	ng	97
91) Benzo(g,h,i)perylene	26.53	276	2230269	39.77	ng	98

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

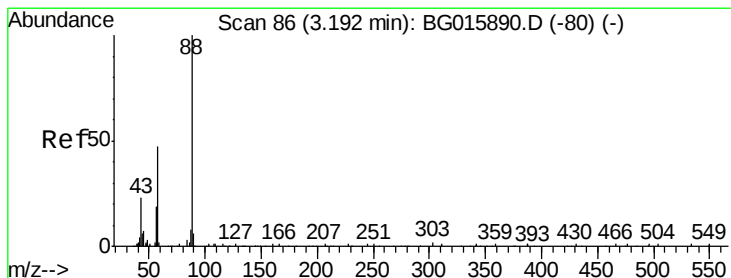
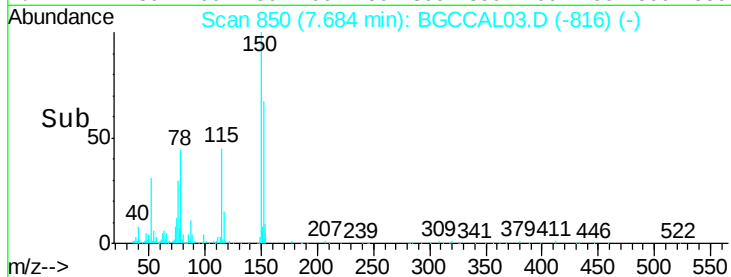
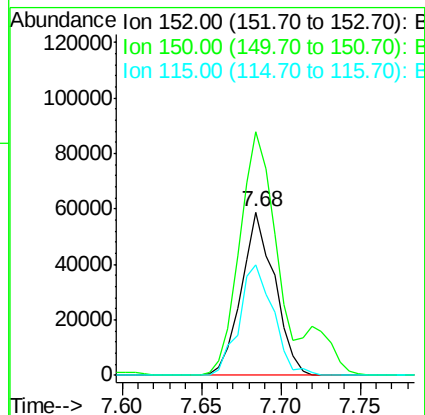
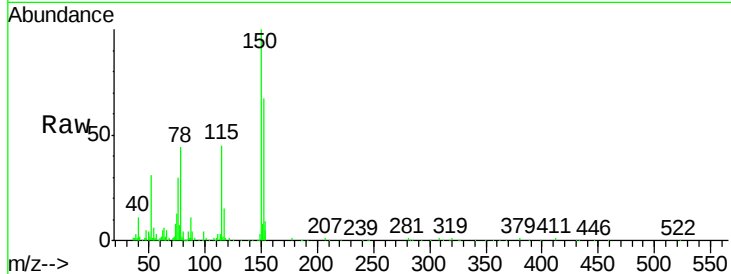


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Instrument :
BNA_G
ClientSampled :

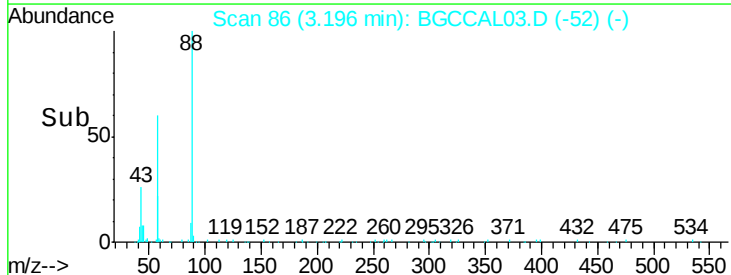
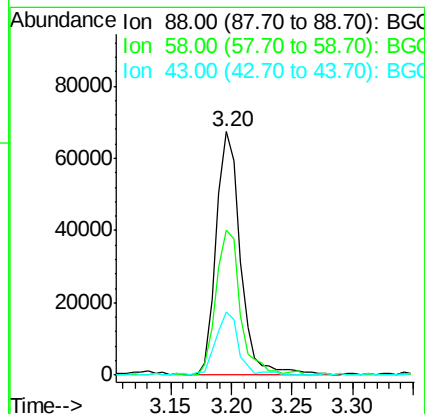
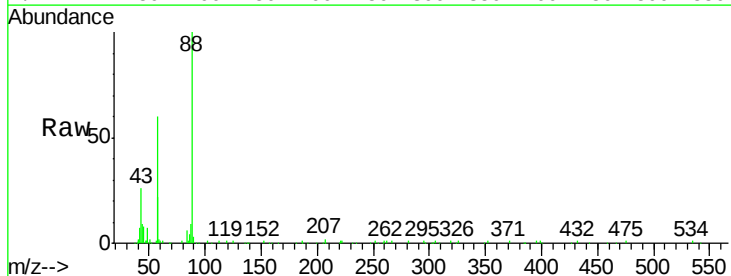
Tgt Ion:152 Resp: 85685
Ion Ratio Lower Upper
152 100
150 149.0 124.5 186.7
115 67.4 60.4 90.6

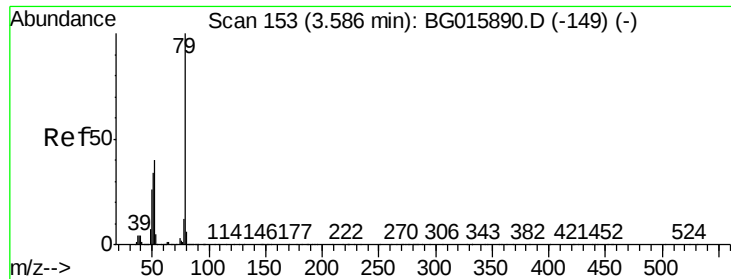


#2

1,4-Dioxane
Concen: 31.60 ng
RT: 3.20 min Scan# 86
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion: 88 Resp: 93654
Ion Ratio Lower Upper
88 100
58 59.8 40.4 60.6
43 24.8 19.2 28.8





#3

Pyridine

Concen: 32.98 ng

RT: 3.58 min Scan# 152

Delta R.T. -0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

Instrument :

BNA_G

ClientSampled :

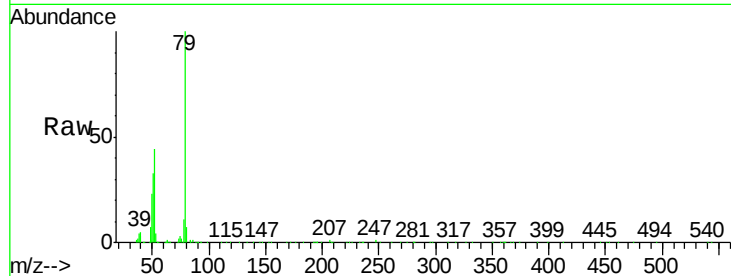
Tgt Ion: 79 Resp: 329564

Ion Ratio Lower Upper

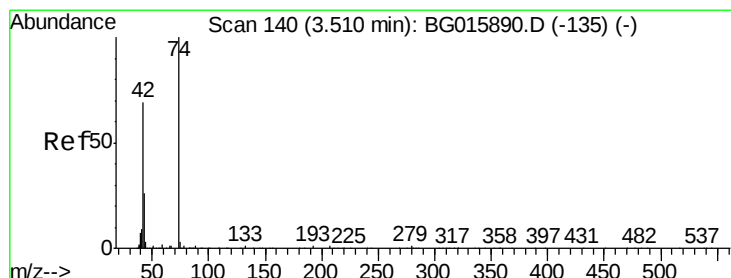
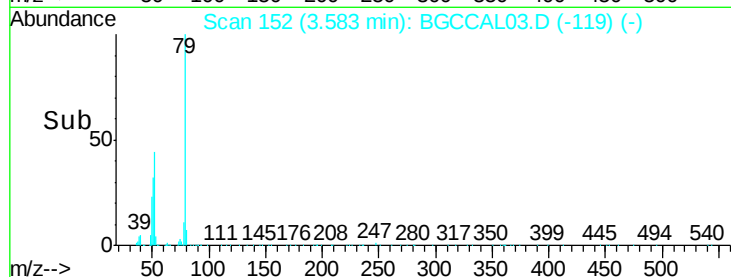
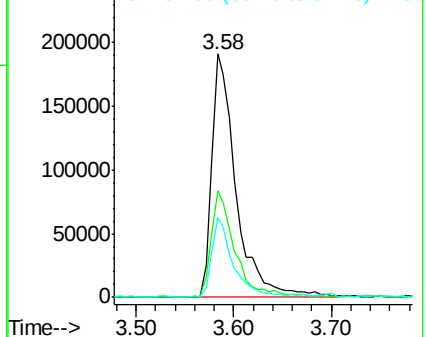
79 100

52 43.6 31.8 47.6

51 32.7 27.3 40.9



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



#4

n-Nitrosodimethylamine

Concen: 28.83 ng

RT: 3.51 min Scan# 139

Delta R.T. 0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

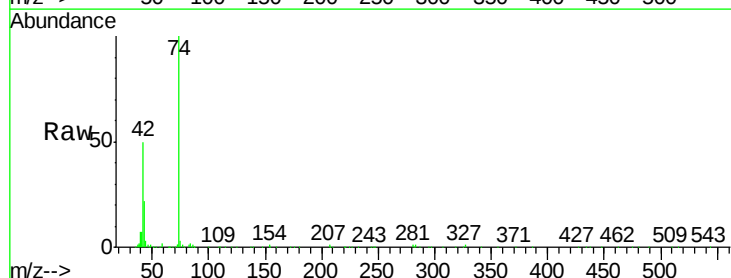
Tgt Ion: 42 Resp: 111245

Ion Ratio Lower Upper

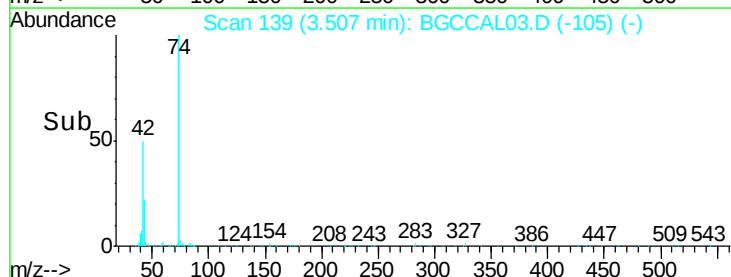
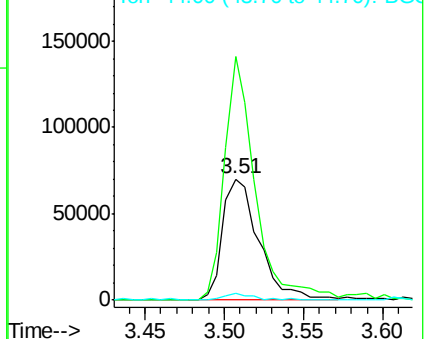
42 100

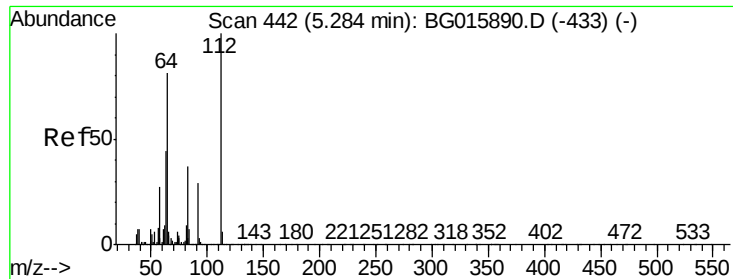
74 201.0 116.0 174.0#

44 5.2 3.8 5.8



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





#5

2-Fluorophenol

Concen: 71.96 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BGCCAL03.D

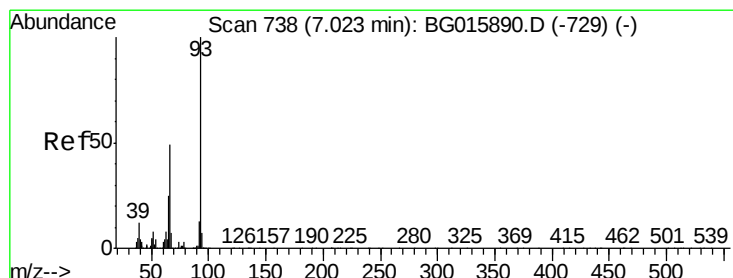
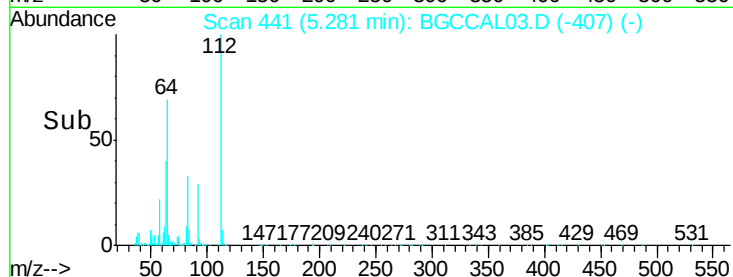
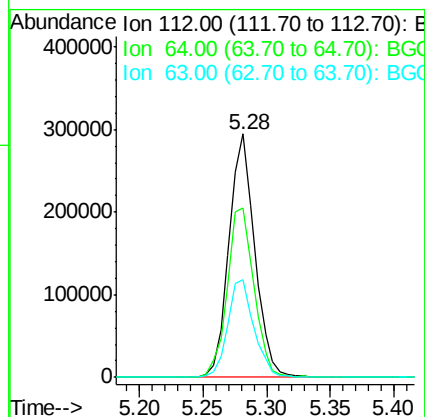
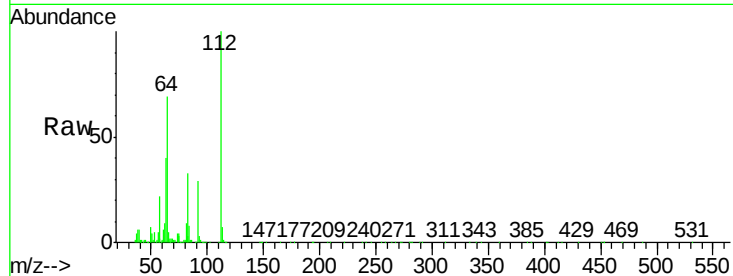
Acq: 27 Jan 2015 19:41

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	112	Resp:	414062
Ion Ratio	Lower	Upper	
112	100		
64	69.4	64.4	96.6
63	39.9	35.1	52.7



#6

Aniline

Concen: 34.67 ng

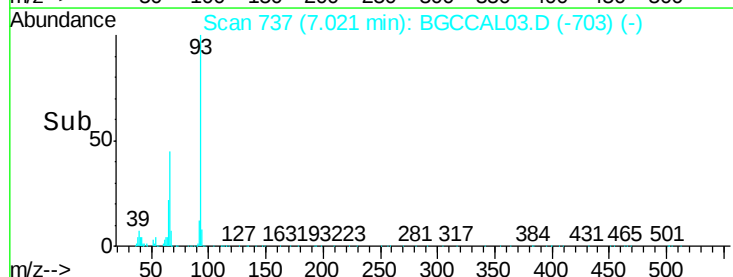
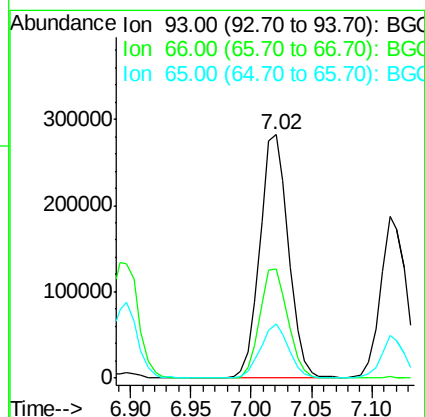
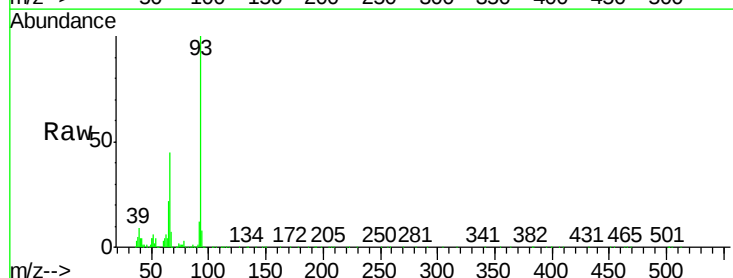
RT: 7.02 min Scan# 737

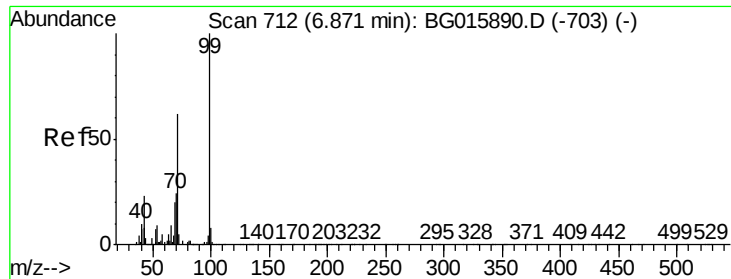
Delta R.T. 0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

Tgt Ion:	93	Resp:	462920
Ion Ratio	Lower	Upper	
93	100		
66	44.8	39.0	58.6
65	22.4	19.8	29.6





#7

Phenol-d6

Concen: 70.58 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

Instrument :

BNA_G

ClientSampleId :

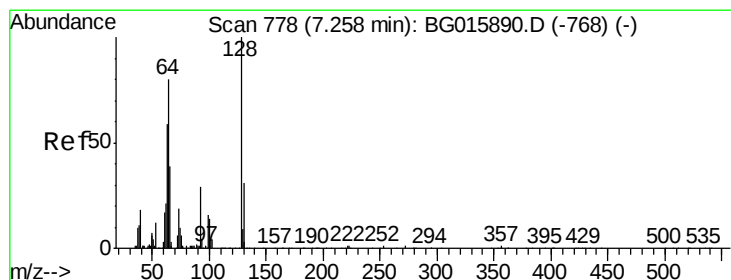
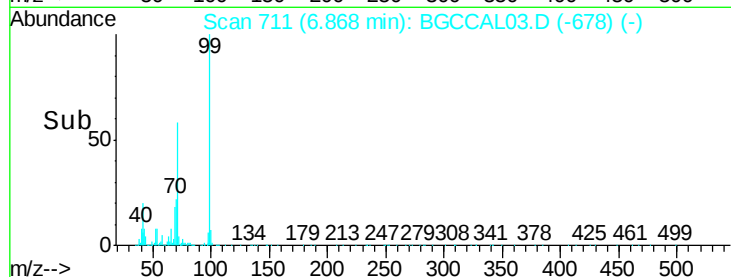
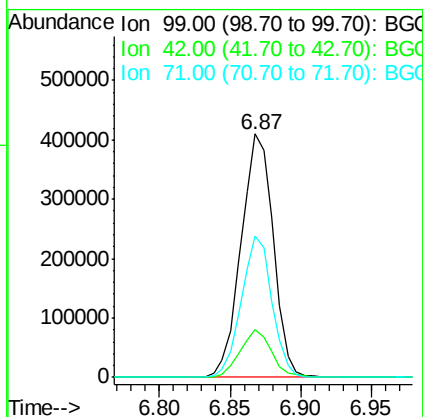
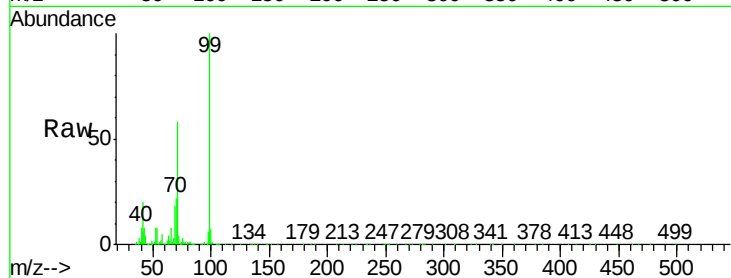
Tgt Ion: 99 Resp: 654450

Ion Ratio Lower Upper

99 100

42 19.7 18.1 27.1

71 58.0 49.8 74.8



#8

2-Chlorophenol

Concen: 35.93 ng

RT: 7.25 min Scan# 776

Delta R.T. -0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

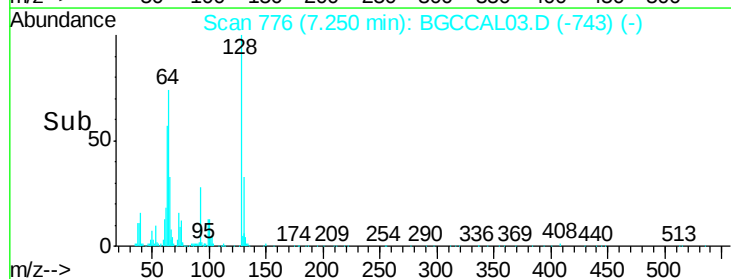
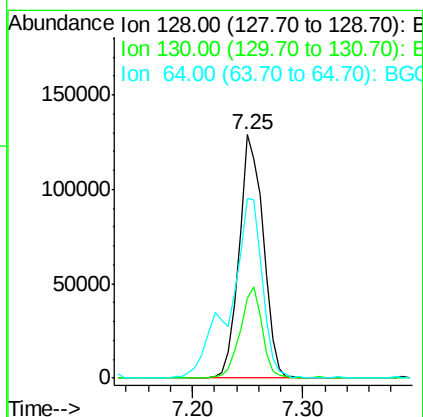
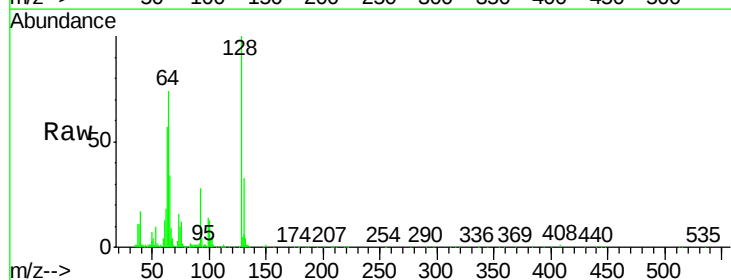
Tgt Ion: 128 Resp: 198377

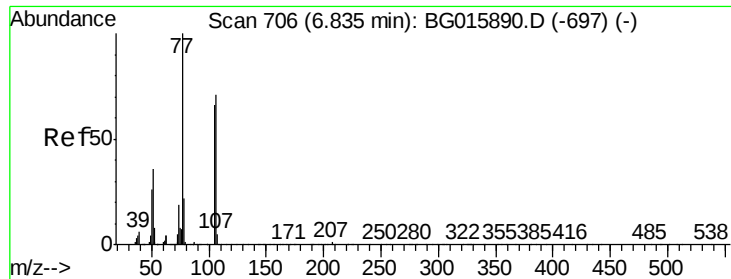
Ion Ratio Lower Upper

128 100

130 32.7 11.0 51.0

64 73.9 60.7 100.7





#9

Benzaldehyde

Concen: 31.56 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

Instrument :

BNA_G

ClientSampleId :

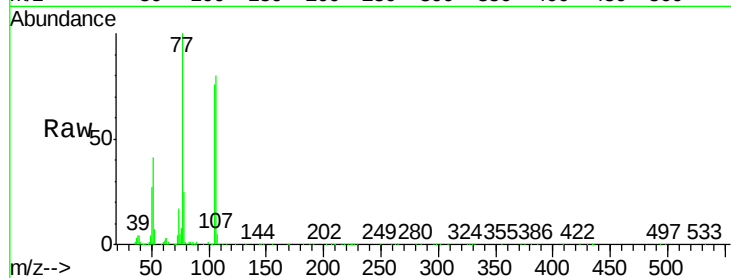
Tgt Ion: 77 Resp: 266719

Ion Ratio Lower Upper

77 100

105 75.8 46.0 86.0

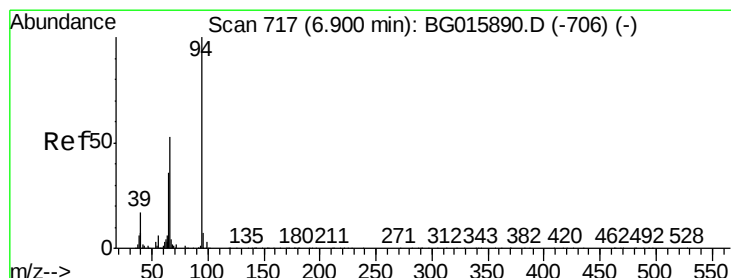
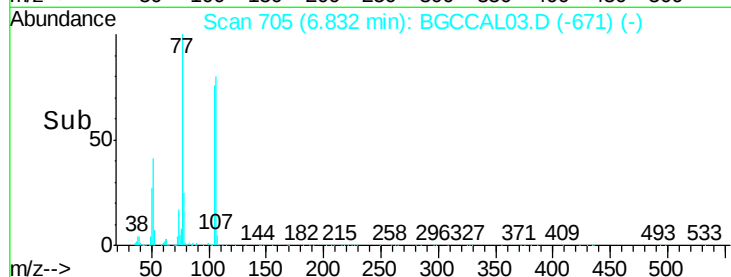
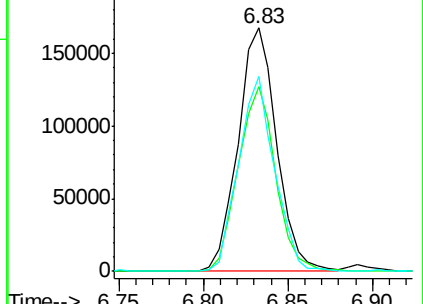
106 80.0 51.1 91.1



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: 35.84 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

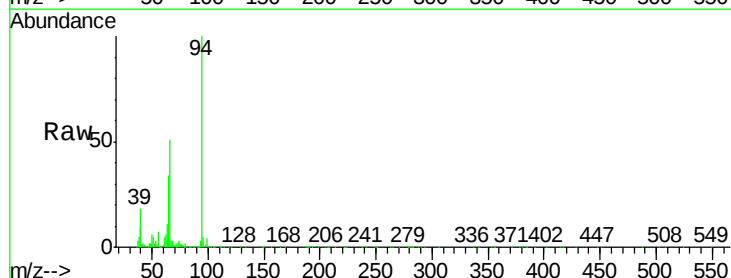
Tgt Ion: 94 Resp: 378794

Ion Ratio Lower Upper

94 100

65 34.0 16.5 56.5

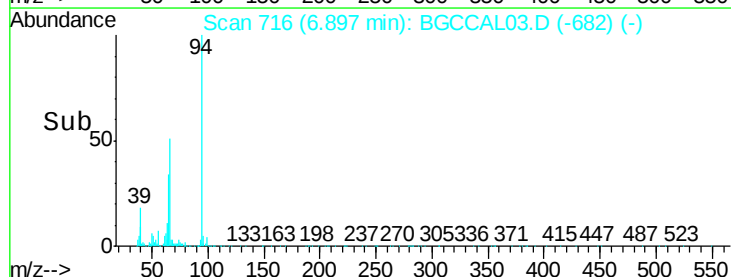
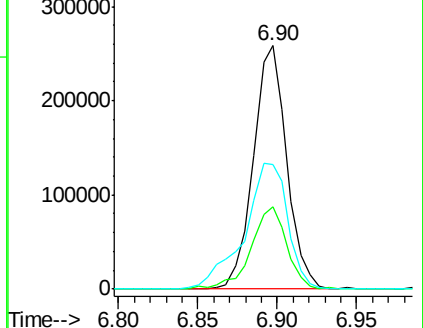
66 51.4 33.3 73.3



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

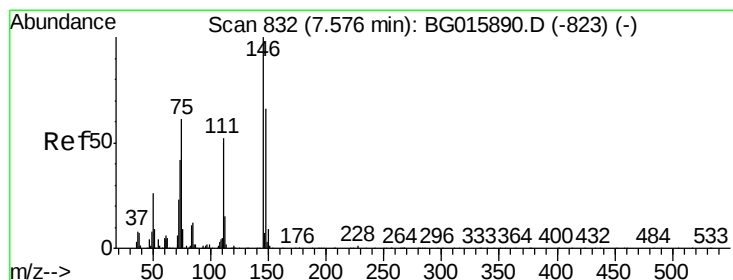
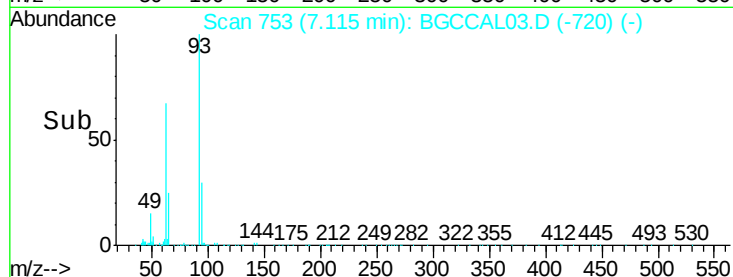
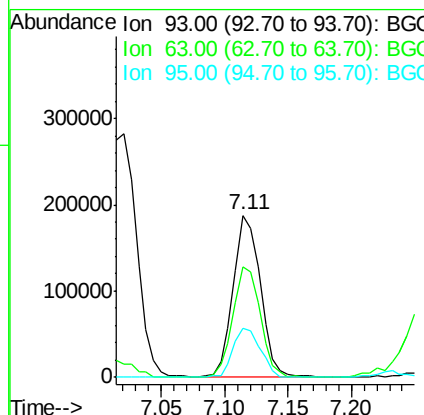
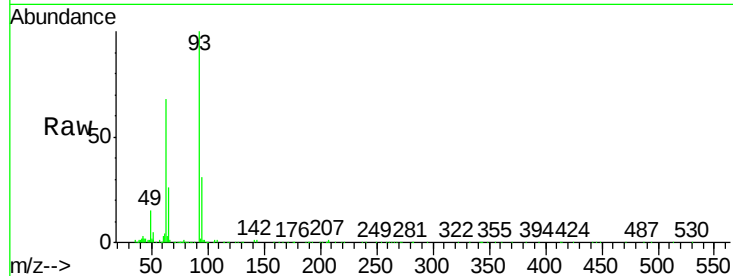




#11
bis(2-Chloroethyl)ether
Concen: 34.33 ng
RT: 7.11 min Scan# 753
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

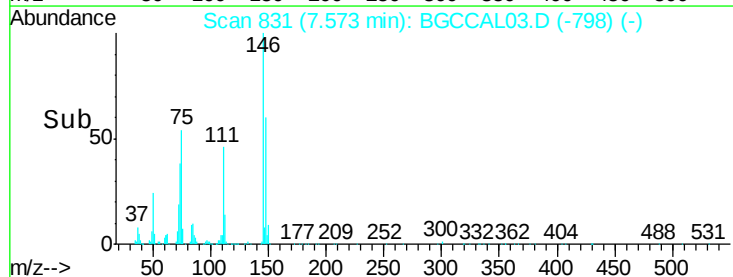
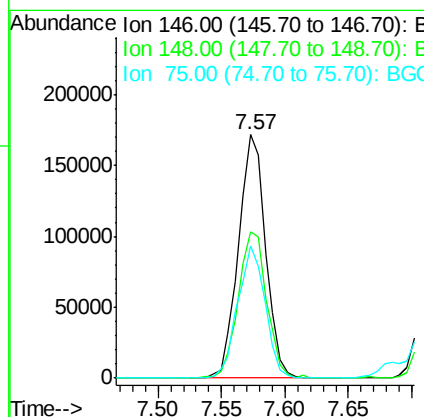
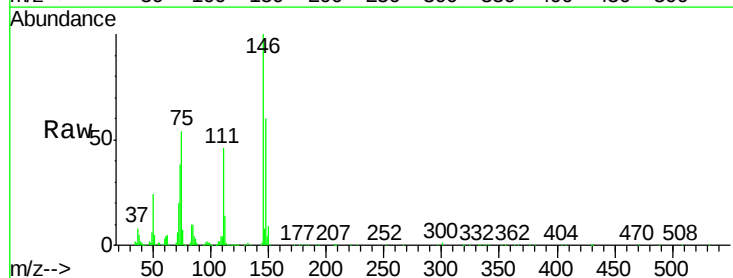
Instrument :
BNA_G
ClientSampleId :

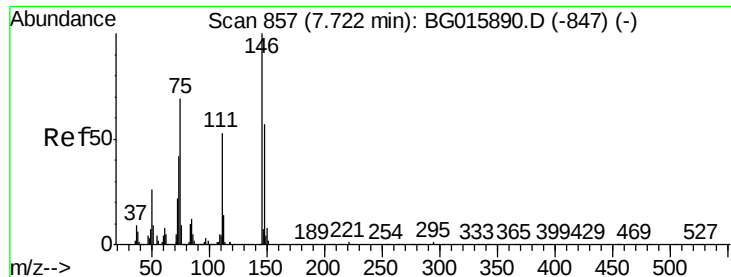
Tgt Ion:	93	Resp:	280376
Ion	Ratio	Lower	Upper
93	100		
63	67.8	51.7	91.7
95	30.5	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 38.89 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion:	146	Resp:	254067
Ion	Ratio	Lower	Upper
146	100		
148	60.0	53.0	79.4
75	54.4	48.6	72.8

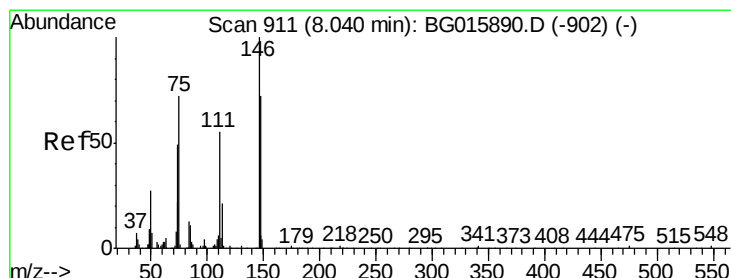
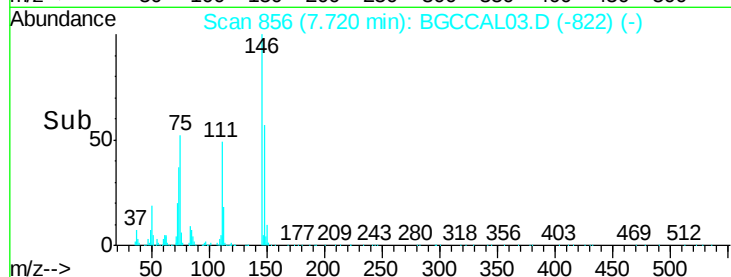
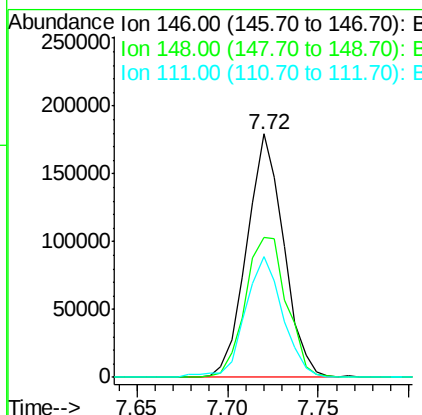
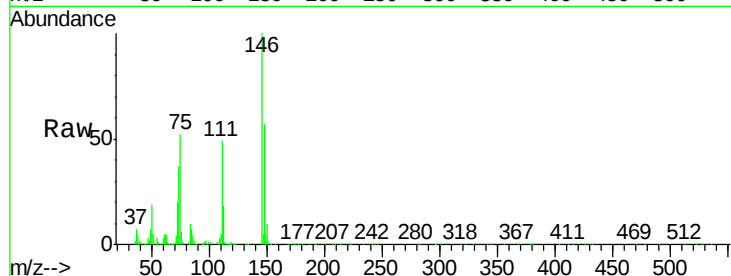




#13
 1,4-Dichlorobenzene
 Concen: 37.87 ng
 RT: 7.72 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

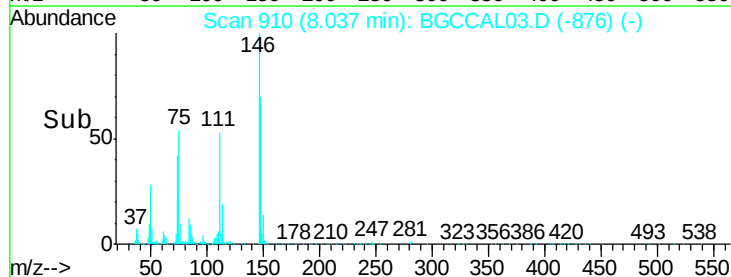
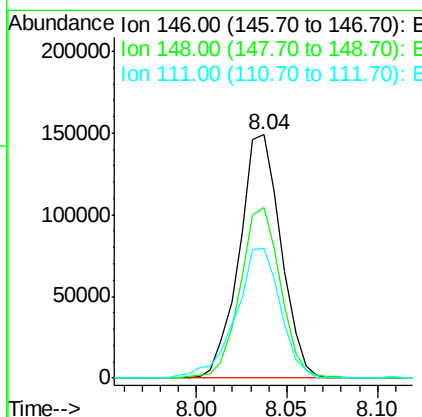
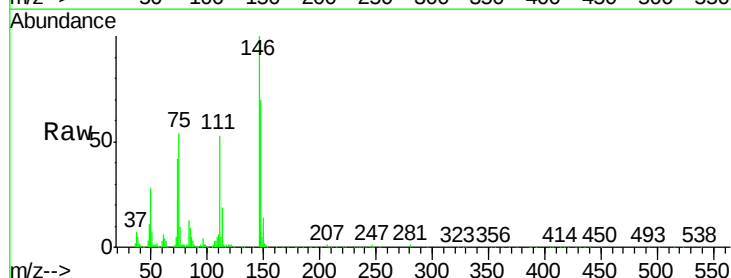
Instrument :
 BNA_G
 ClientSampled :

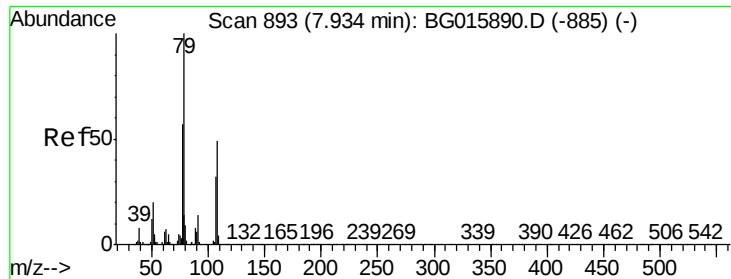
Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.5	45.7	68.5
111	49.5	42.1	63.1



#14
 1,2-Dichlorobenzene
 Concen: 35.99 ng
 RT: 8.04 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.3	57.7	86.5
111	53.2	44.6	66.8





#15

Benzyl Alcohol

Concen: 34.40 ng

RT: 7.93 min Scan# 891

Delta R.T. -0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

Instrument :

BNA_G

ClientSampleId :

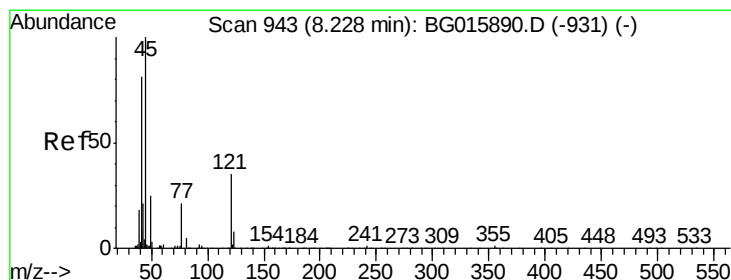
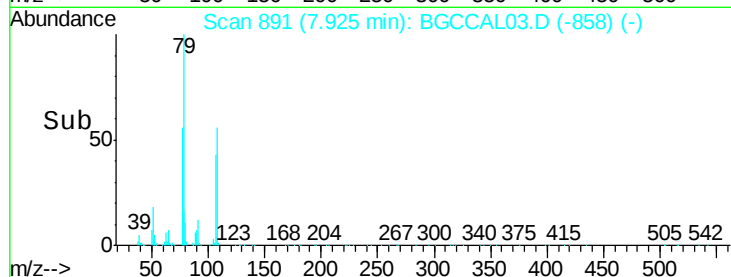
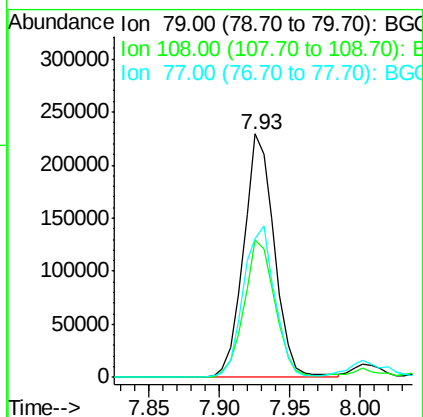
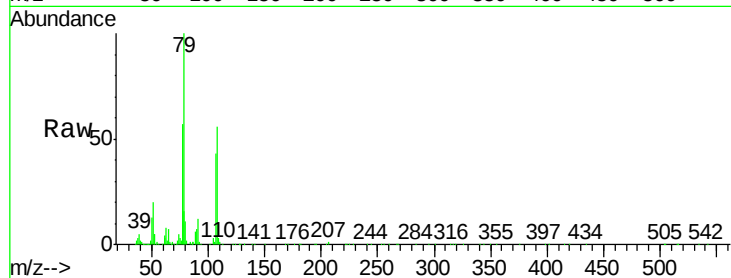
Tgt Ion: 79 Resp: 348953

Ion Ratio Lower Upper

79 100

108 56.5 38.9 58.3

77 56.7 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.77 ng

RT: 8.22 min Scan# 942

Delta R.T. 0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

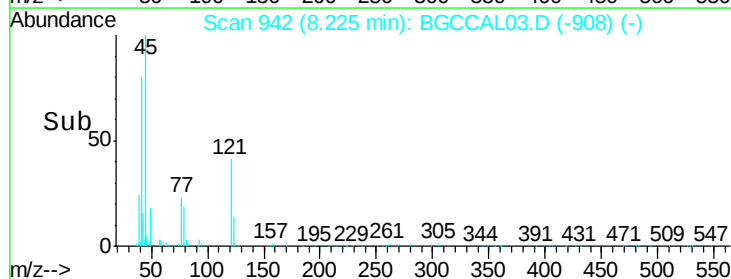
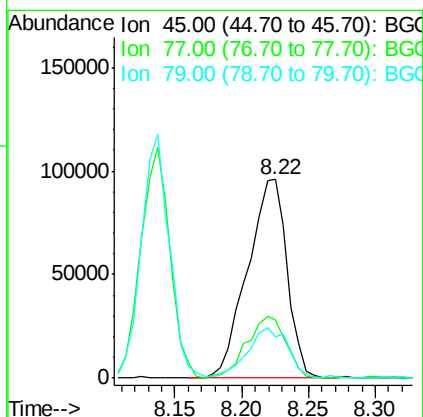
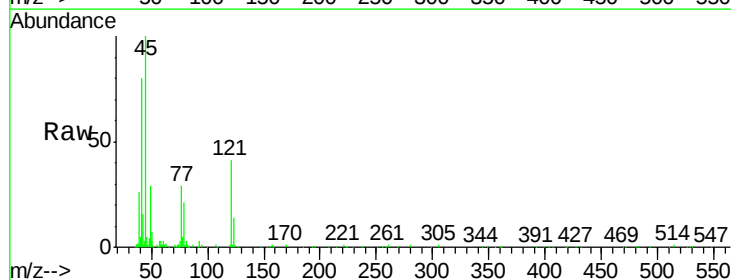
Tgt Ion: 45 Resp: 196513

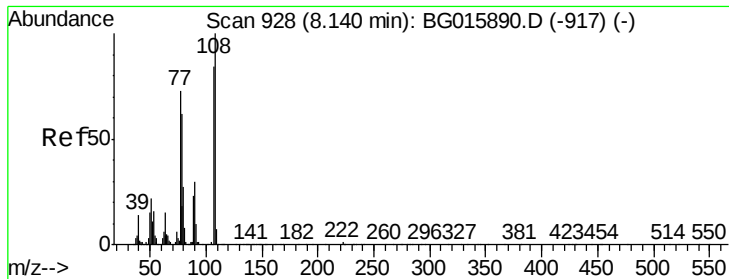
Ion Ratio Lower Upper

45 100

77 29.0 16.0 56.0

79 20.9 0.0 38.7

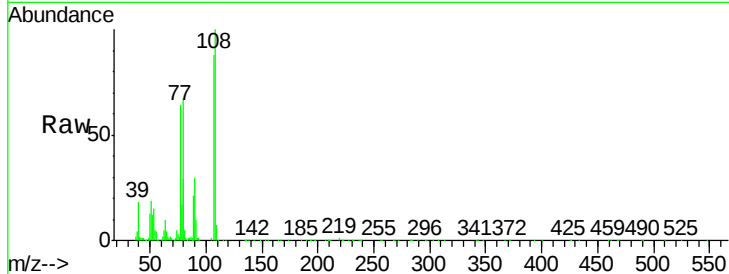




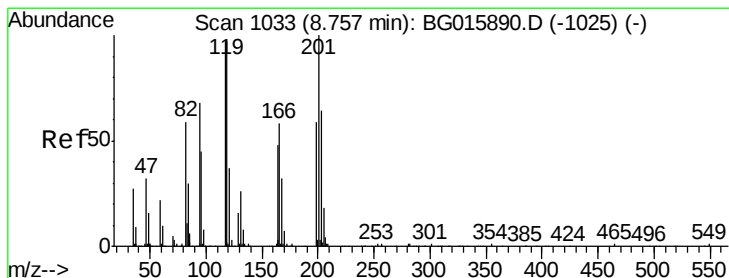
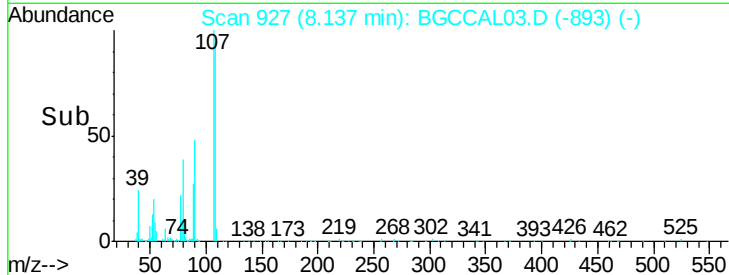
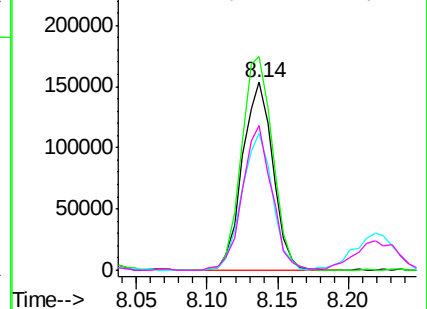
#17
2-Methylphenol
Concen: 35.44 ng
RT: 8.14 min Scan# 927
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	107	Resp:	232065
Ion	Ratio	Lower	Upper
107	100		
108	113.9	95.1	142.7
77	72.9	69.2	103.8
79	76.8	59.7	89.5

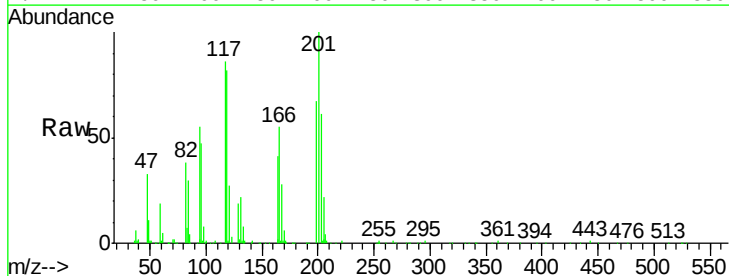


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

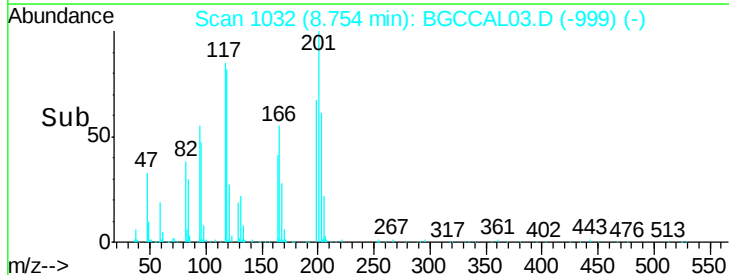
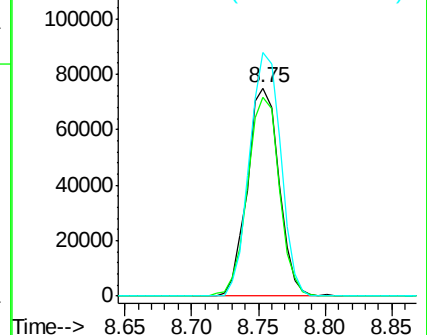


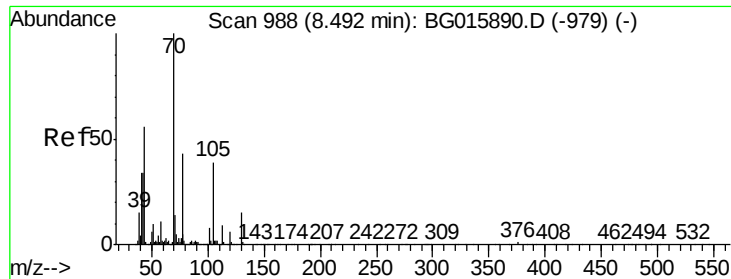
#18
Hexachloroethane
Concen: 35.35 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion:	117	Resp:	122608
Ion	Ratio	Lower	Upper
117	100		
119	95.7	80.2	120.2
201	116.9	82.6	124.0



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

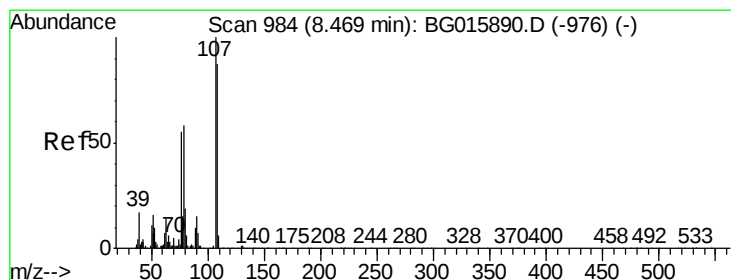
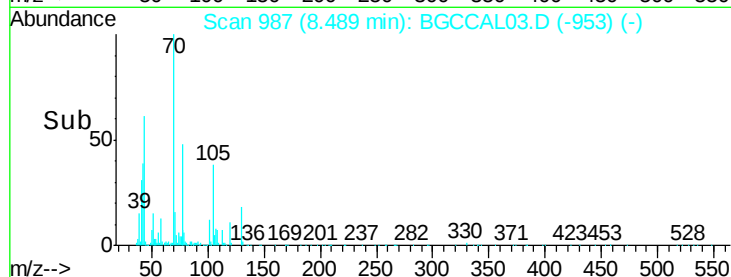
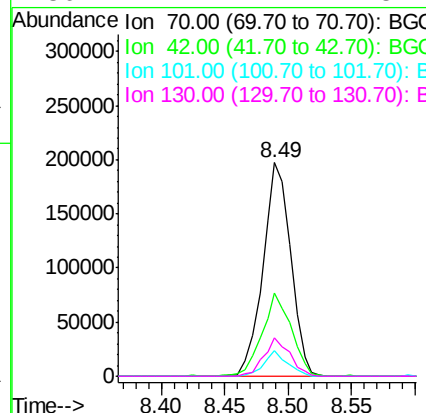
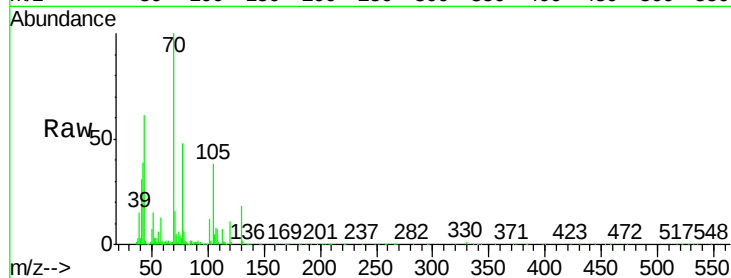




#19
n-Nitroso-di-n-propylamine
Concen: 32.52 ng
RT: 8.49 min Scan# 987
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

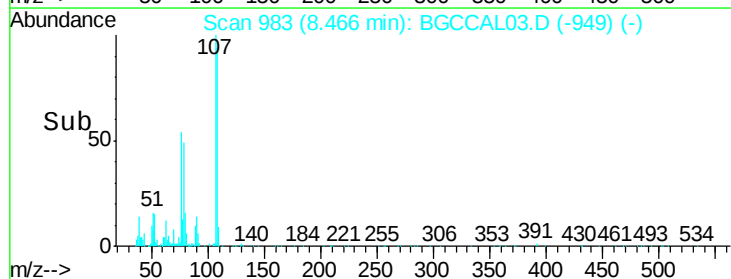
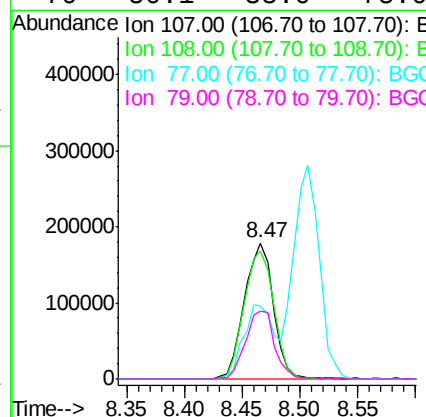
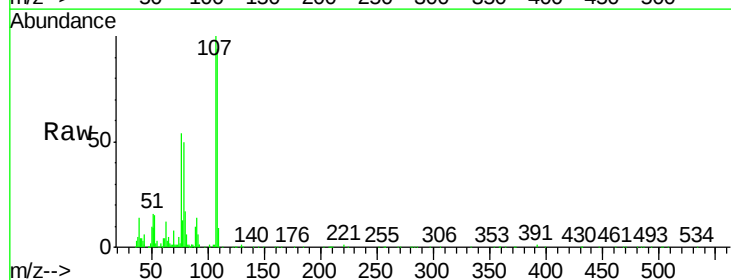
Instrument :
BNA_G
ClientSampleId :

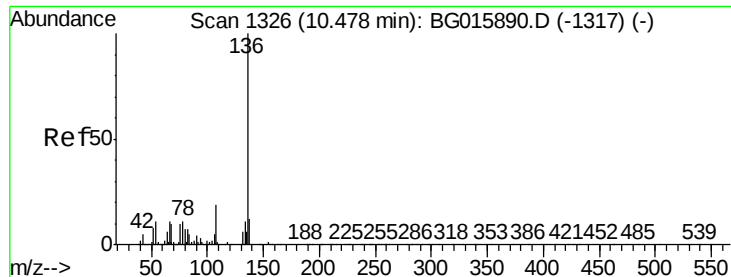
Tgt Ion:	70	Resp:	300812
Ion	Ratio	Lower	Upper
70	100		
42	38.8	26.8	40.2
101	12.0	6.3	9.5#
130	17.7	12.2	18.4



#20
3+4-Methylphenols
Concen: 36.32 ng
RT: 8.47 min Scan# 983
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion:	107	Resp:	311756
Ion	Ratio	Lower	Upper
107	100		
108	94.3	66.9	106.9
77	54.1	34.8	74.8
79	50.1	38.0	78.0

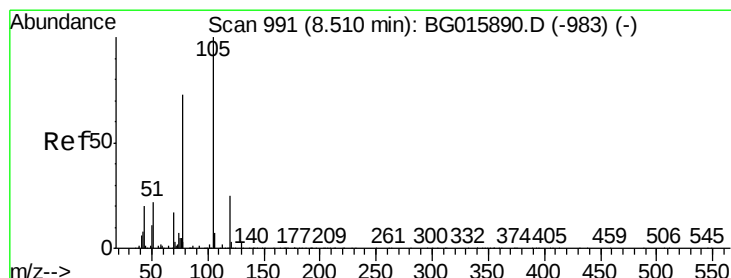
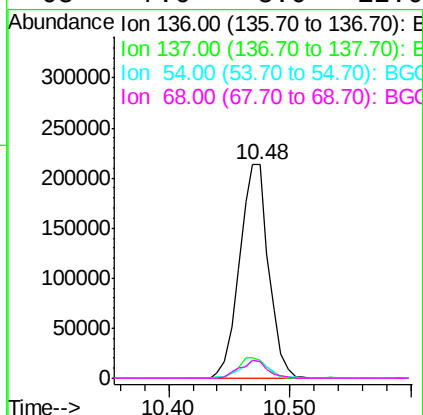
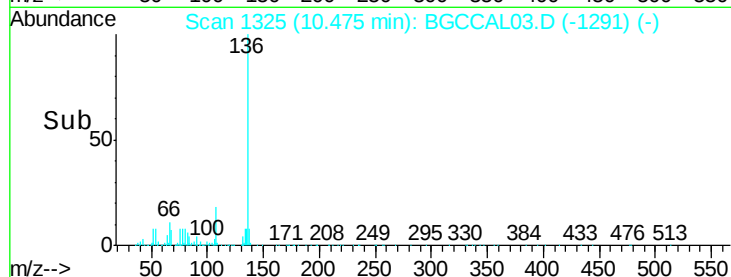
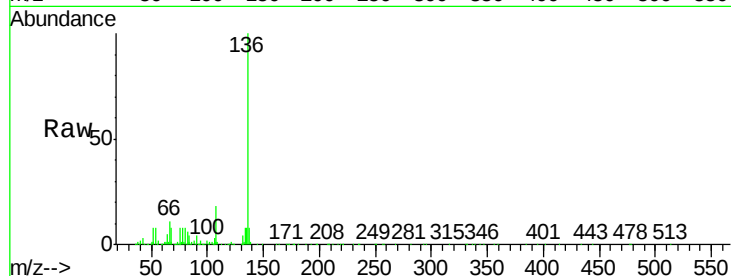




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

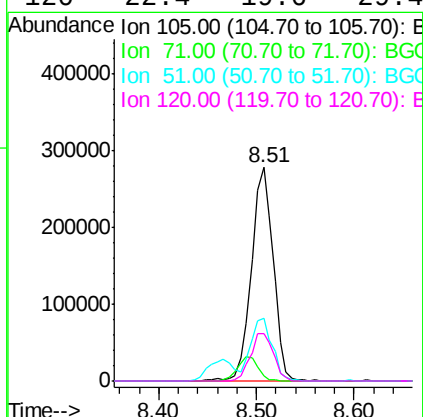
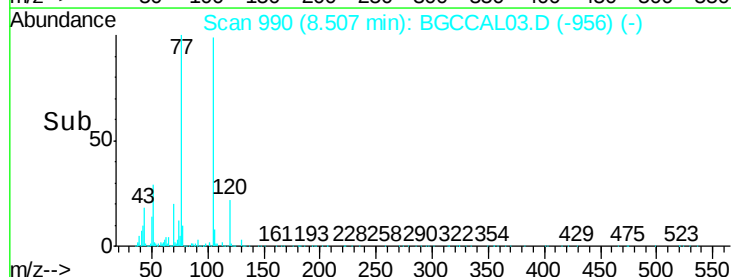
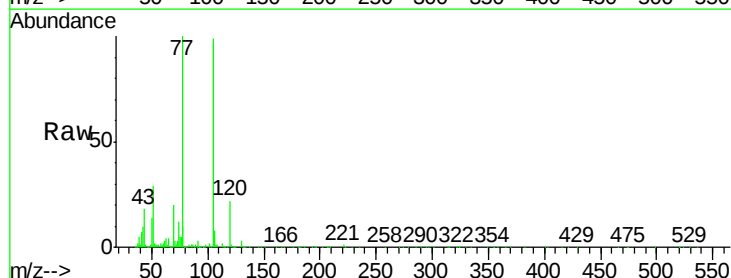
Instrument :
BNA_G
ClientSampleId :

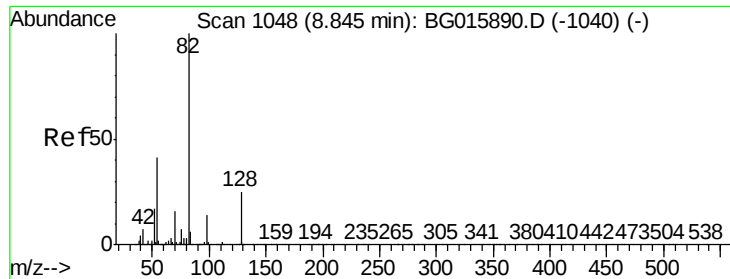
Tgt Ion:	136	Resp:	357668
Ion Ratio	Lower	Upper	
136	100		
137	8.4	9.7	14.5#
54	7.9	8.5	12.7#
68	7.6	8.0	12.0#



#22
Acetophenone
Concen: 35.98 ng
RT: 8.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion:	105	Resp:	431219
Ion Ratio	Lower	Upper	
105	100		
71	2.6	2.4	3.6
51	29.3	24.6	36.8
120	22.4	19.6	29.4

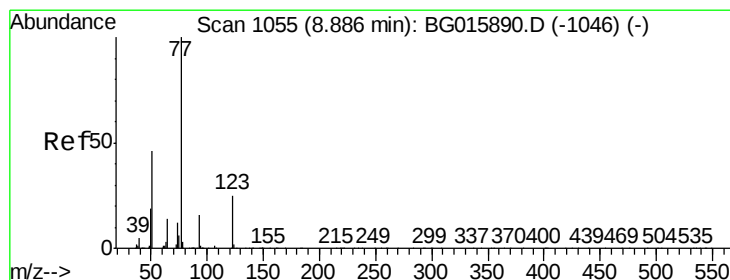
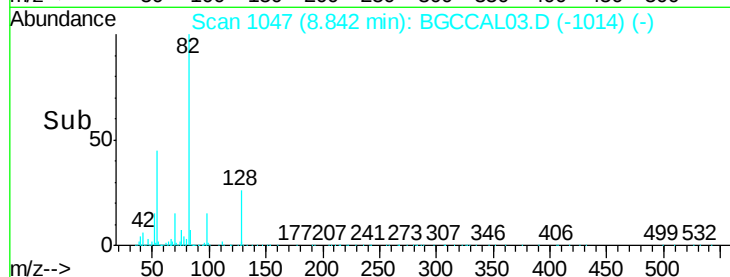
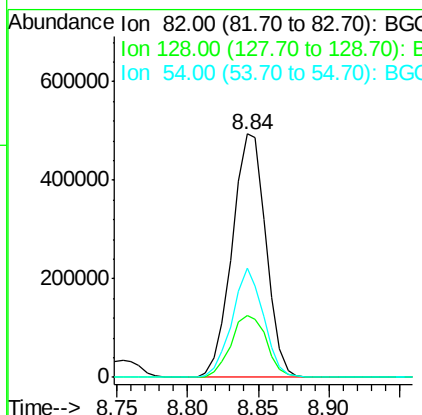
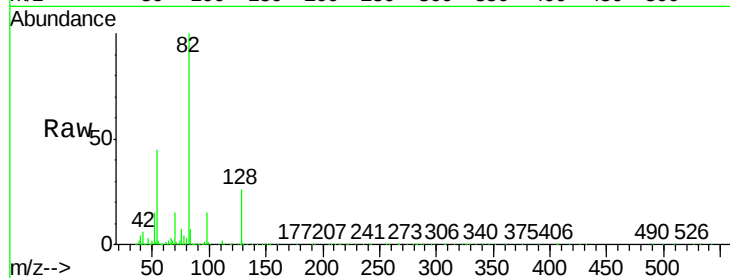




#23
Nitrobenzene-d5
Concen: 66.45 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

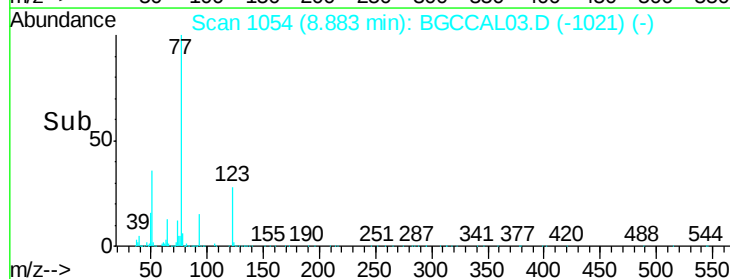
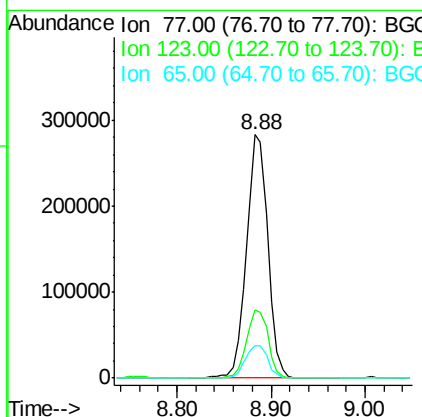
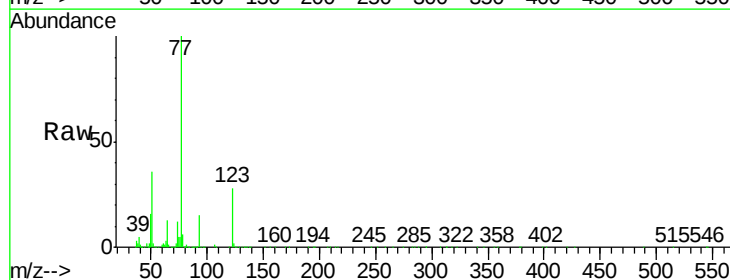
Instrument :
BNA_G
ClientSampleId :

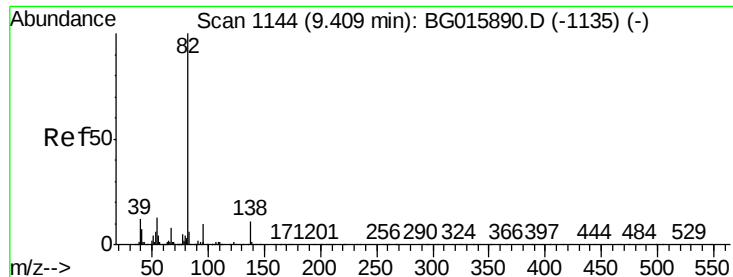
Tgt Ion	Ratio	Lower	Upper
82	100		
128	25.6	19.8	29.8
54	45.1	33.0	49.4



#24
Nitrobenzene
Concen: 34.07 ng
RT: 8.88 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	27.9	20.0	30.0
65	13.4	11.0	16.4

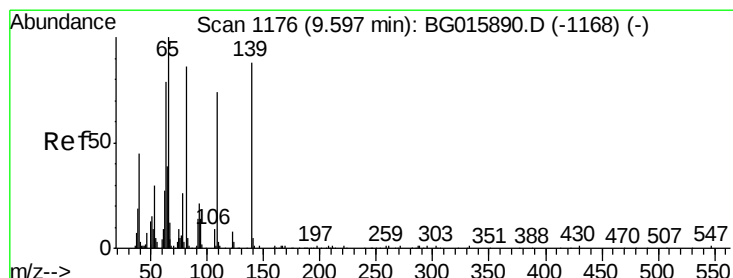
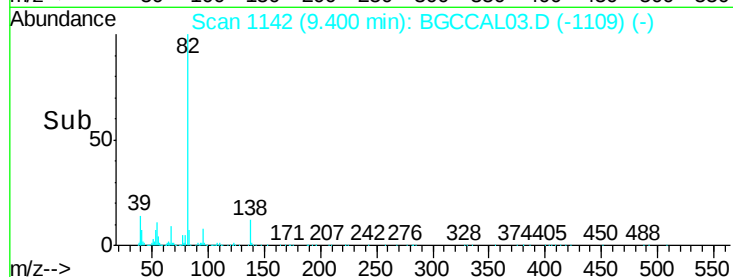
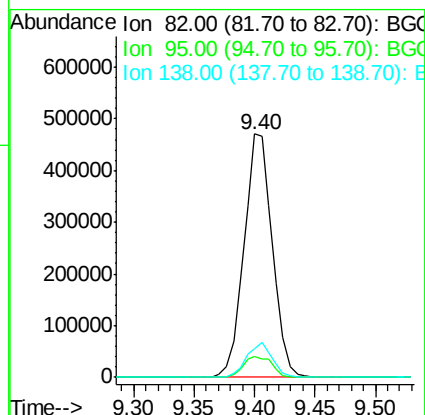
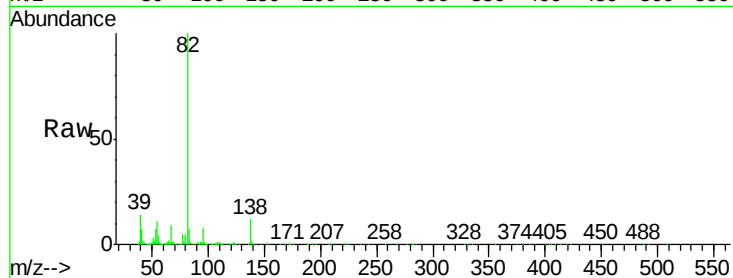




#25
Isophorone
Concen: 34.97 ng
RT: 9.40 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

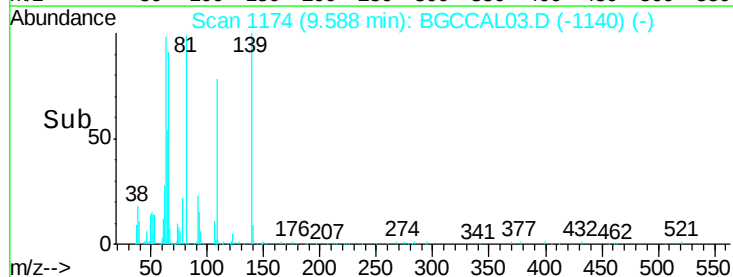
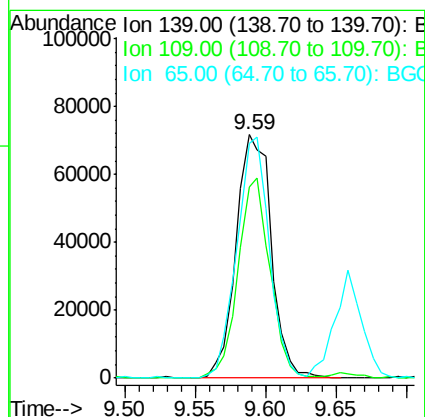
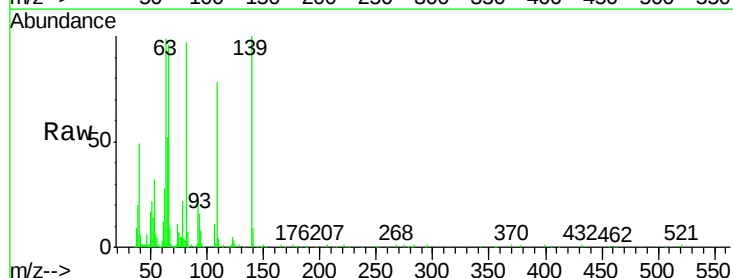
Instrument :
BNA_G
ClientSampleId :

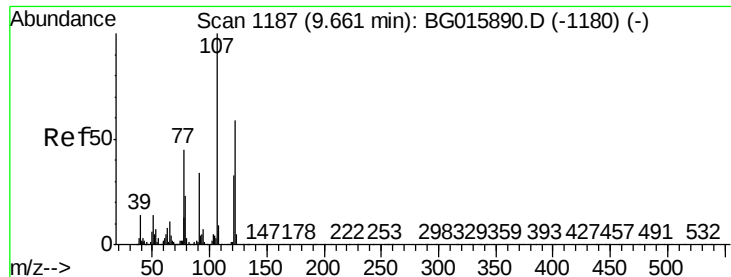
Tgt Ion: 82 Resp: 767242
Ion Ratio Lower Upper
82 100
95 8.4 8.1 12.1
138 11.8 9.1 13.7



#26
2-Nitrophenol
Concen: 38.58 ng
RT: 9.59 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion: 139 Resp: 124694
Ion Ratio Lower Upper
139 100
109 78.4 67.2 100.8
65 96.4 91.3 136.9

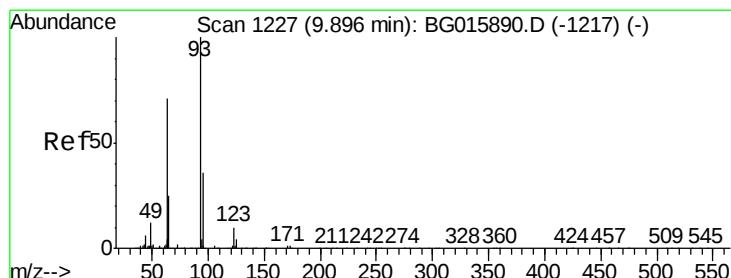
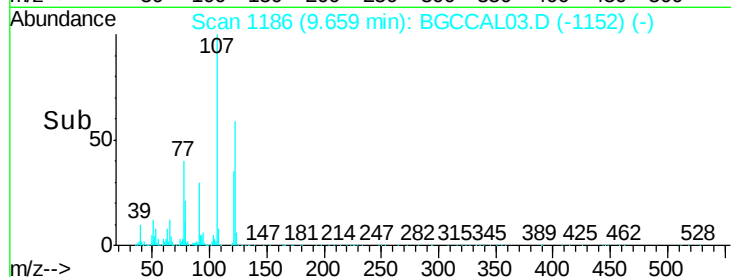
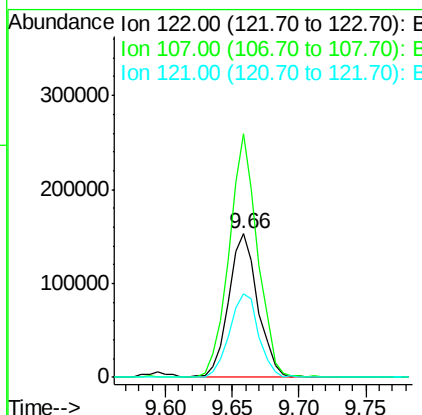
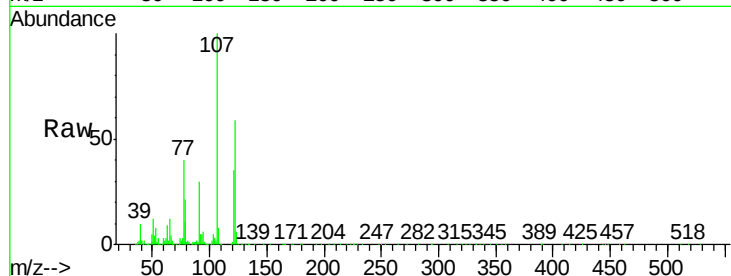




#27
 2,4-Dimethylphenol
 Concen: 37.85 ng
 RT: 9.66 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

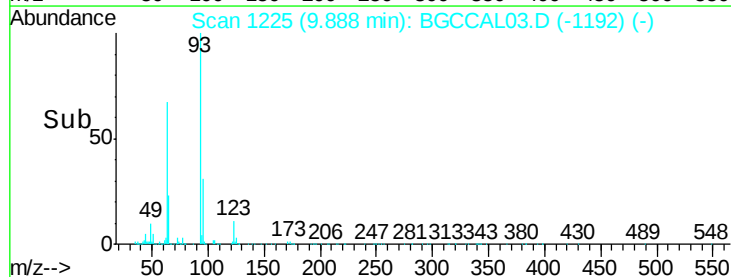
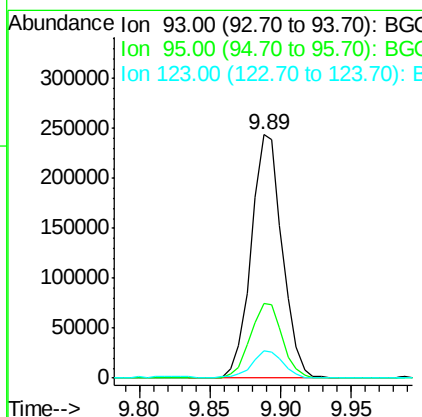
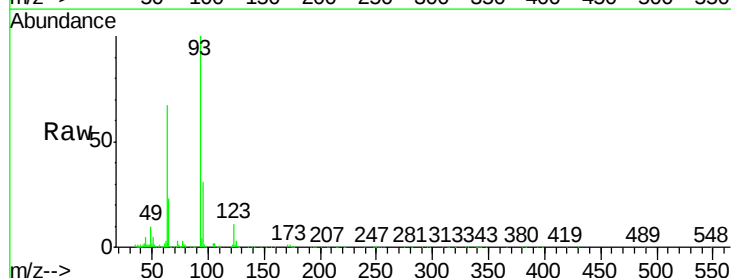
Instrument :
 BNA_G
 ClientSampleId :

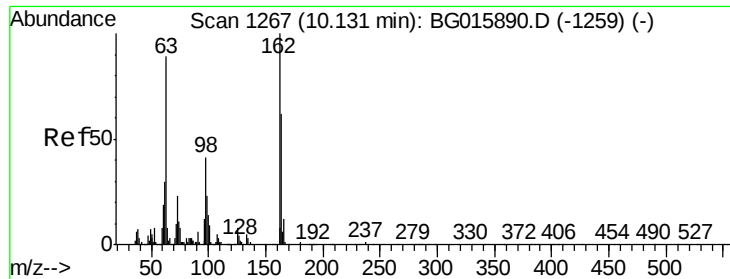
Tgt Ion	Ratio	Lower	Upper
122	100		
107	170.0	136.8	205.2
121	58.7	44.9	67.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.50 ng
 RT: 9.89 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	28.6	42.8
123	11.2	7.9	11.9

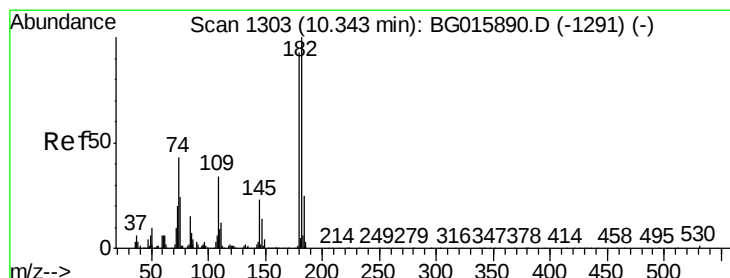
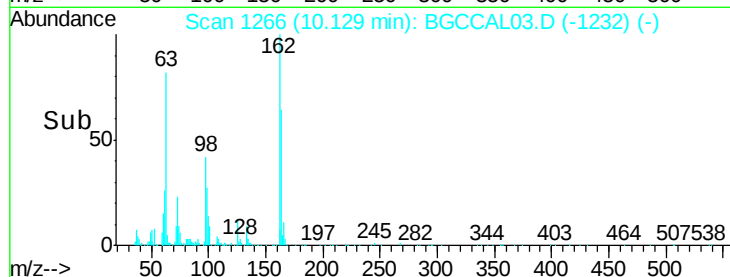
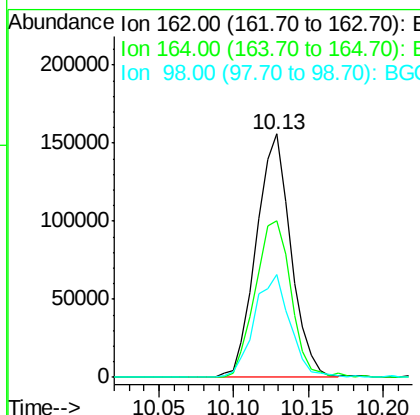
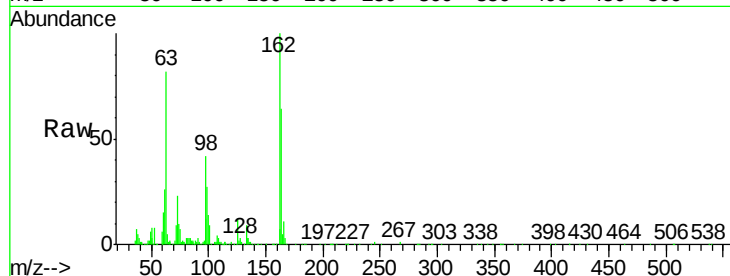




#29
 2,4-Dichlorophenol
 Concen: 38.61 ng
 RT: 10.13 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

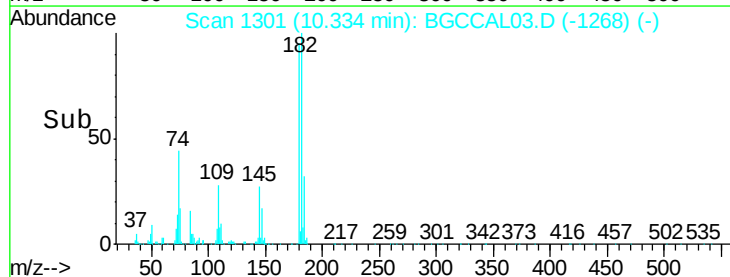
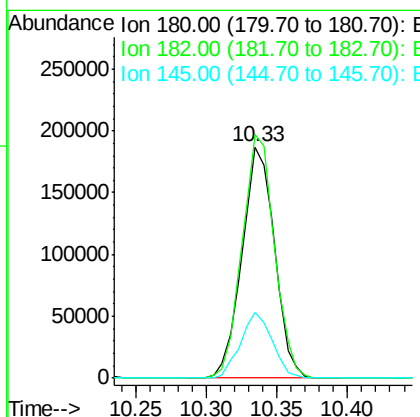
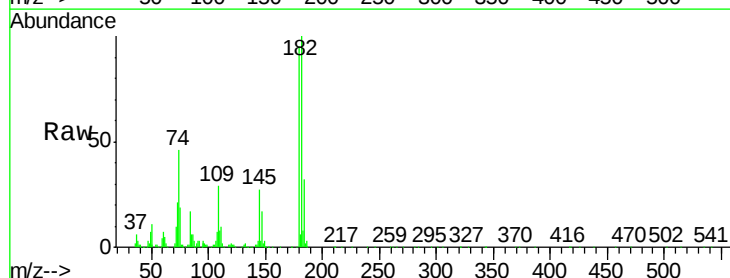
Instrument :
 BNA_G
 ClientSampleId :

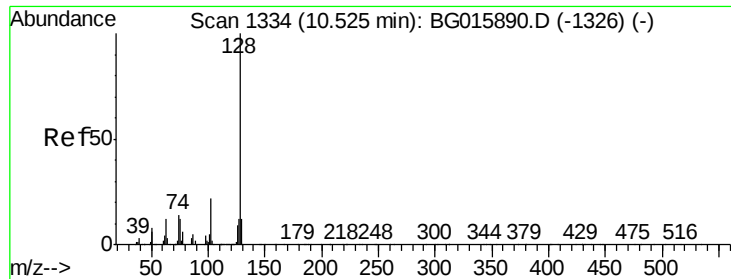
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.5	82.5
98	42.3	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.56 ng
 RT: 10.33 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.3	86.4	129.6
145	28.4	20.1	30.1

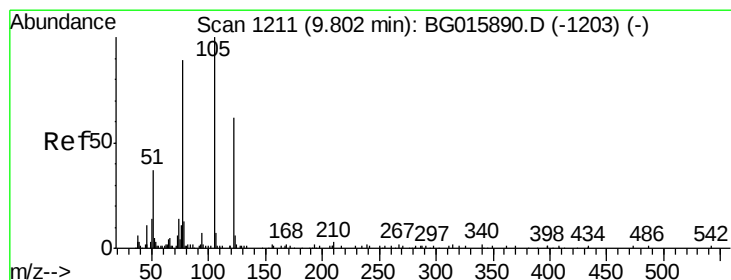
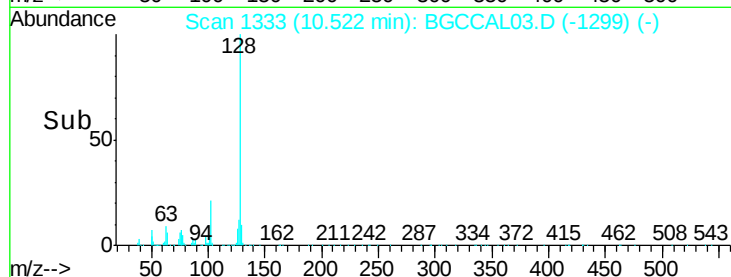
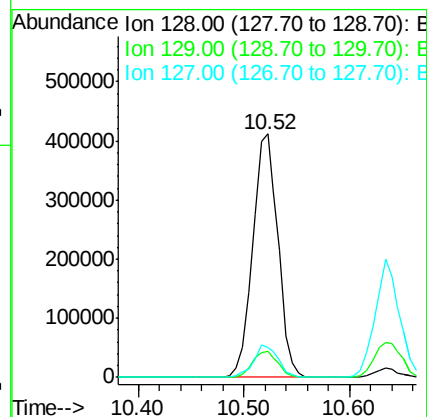
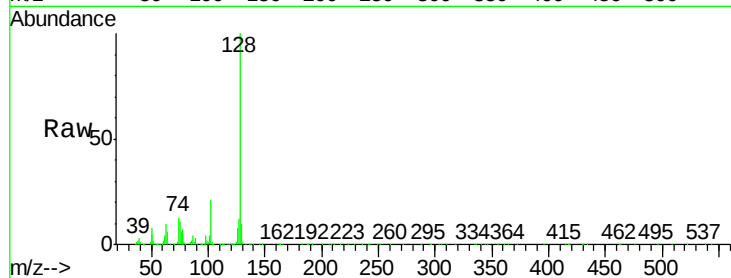




#31
Naphthalene
Concen: 37.34 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

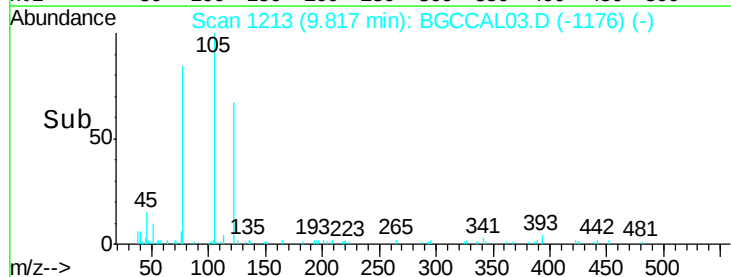
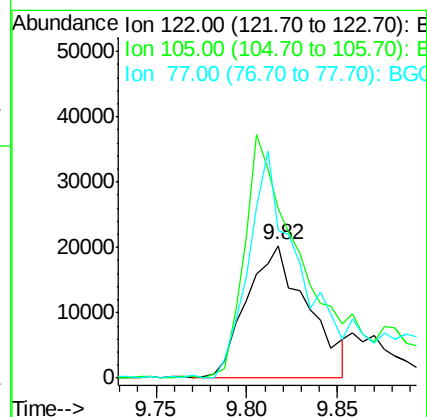
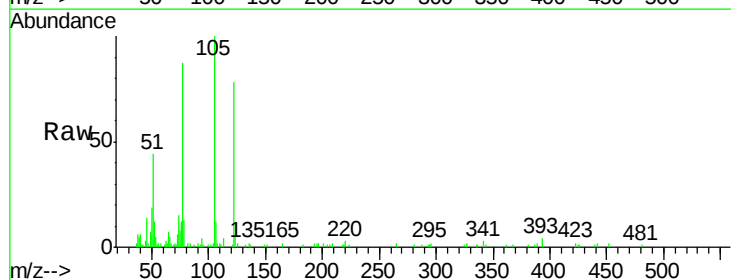
Instrument :
BNA_G
ClientSampleId :

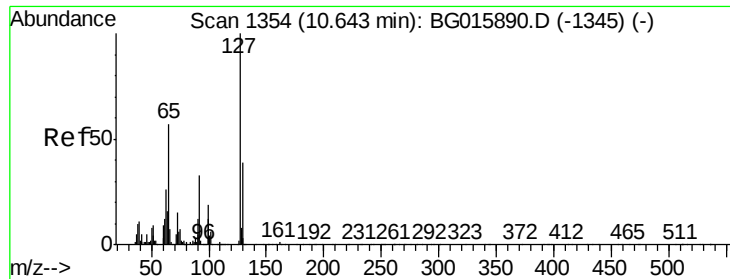
Tgt Ion:128 Resp: 683508
Ion Ratio Lower Upper
128 100
129 10.4 9.7 14.5
127 12.4 9.8 14.6



#32
Benzoic acid
Concen: 32.65 ng
RT: 9.82 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion:122 Resp: 47488
Ion Ratio Lower Upper
122 100
105 128.0 140.2 180.2#
77 111.2 126.4 166.4#

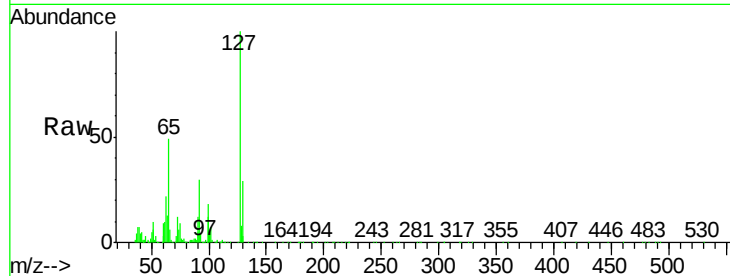




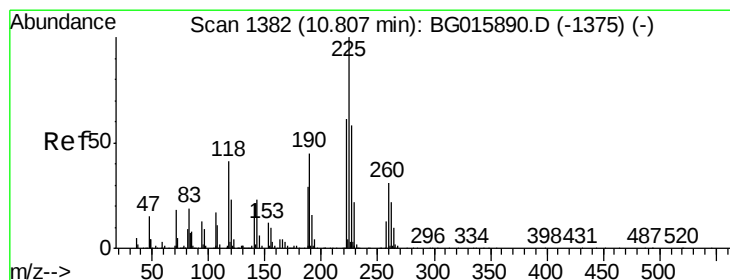
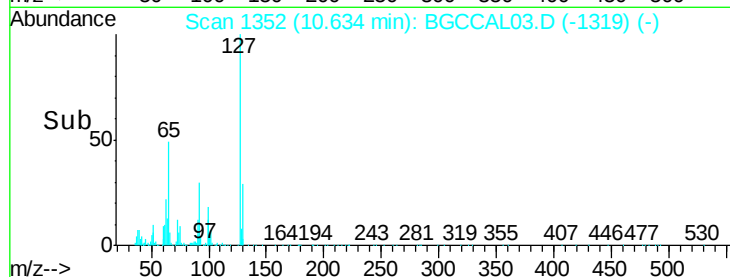
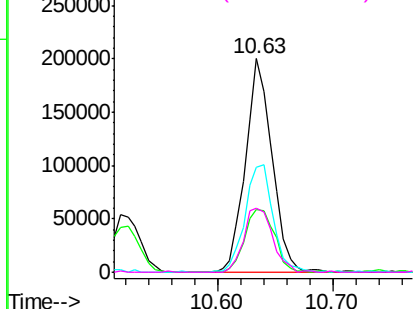
#33
4-Chloroaniline
Concen: 37.58 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.4	30.8	46.2#
65	48.9	45.4	68.2
92	30.0	26.6	39.8

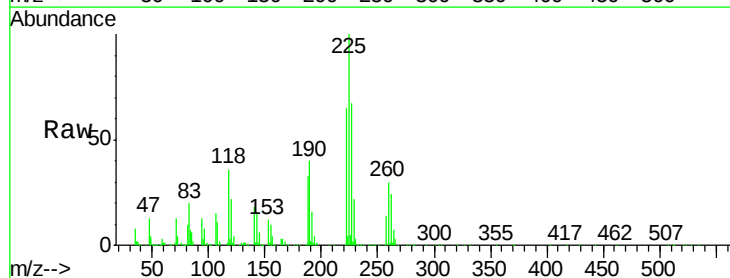


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

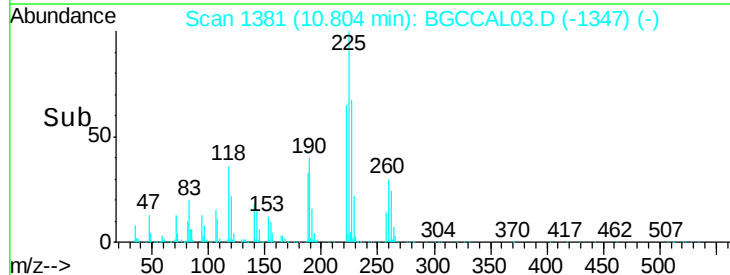
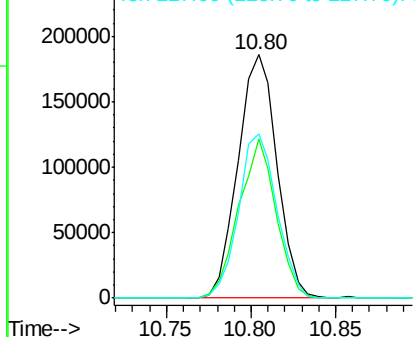


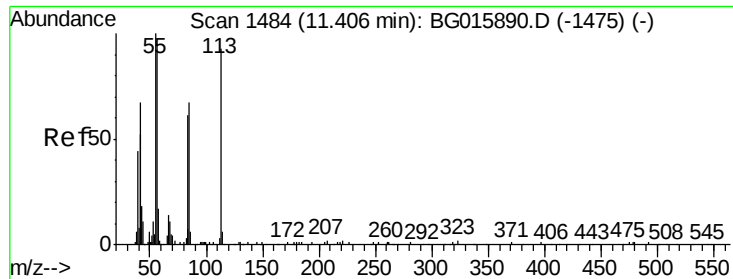
#34
Hexachlorobutadiene
Concen: 39.03 ng
RT: 10.80 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.9	74.9
227	69.7	45.3	67.9#



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: 37.54 ng

RT: 11.41 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BGCCAL03.D

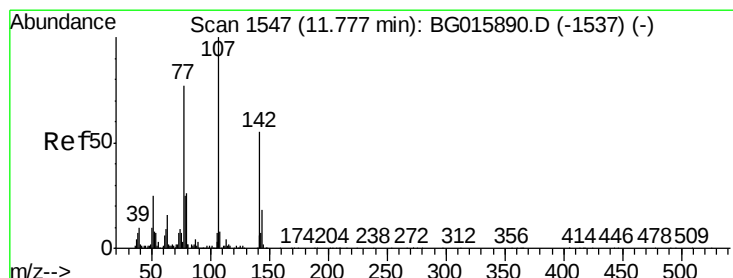
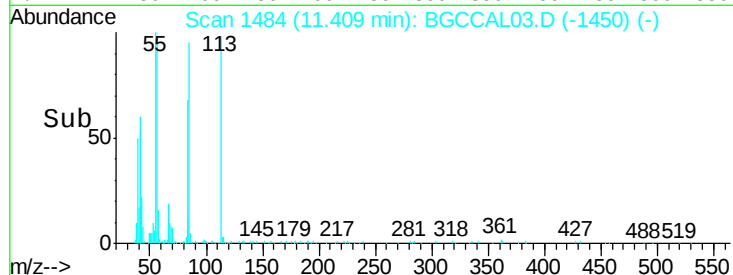
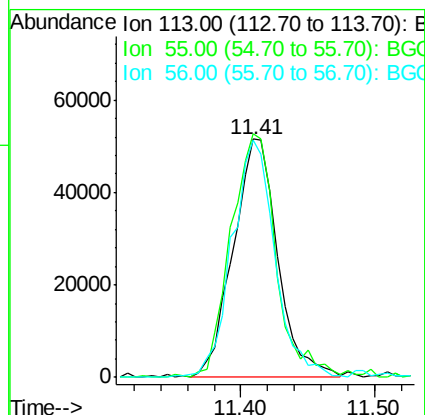
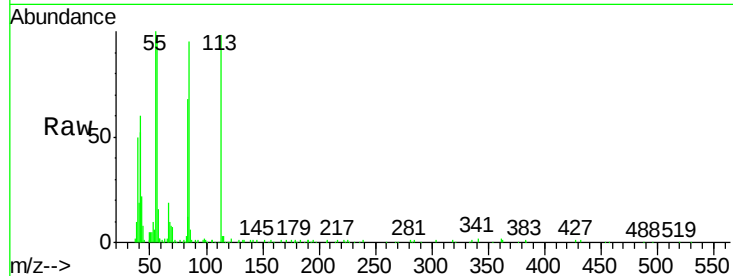
Acq: 27 Jan 2015 19:41

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	113	Resp:	119136
Ion	Ratio	Lower	Upper
113	100		
55	102.3	89.2	129.2
56	99.7	82.4	122.4



#36

4-Chloro-3-methylphenol

Concen: 37.19 ng

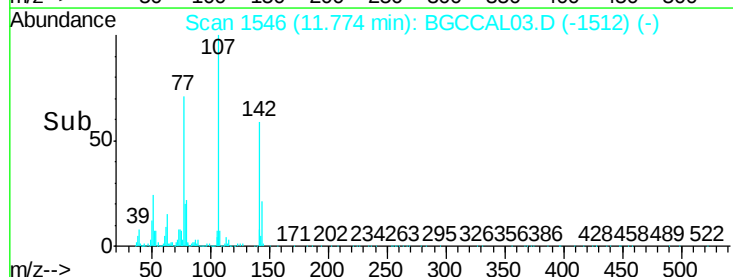
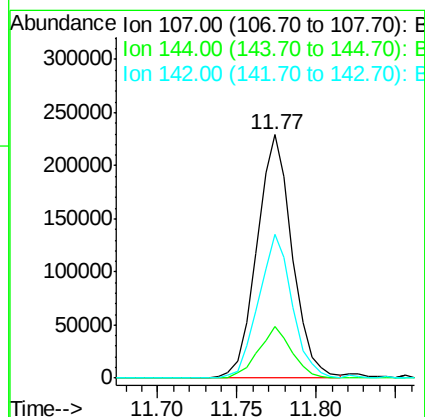
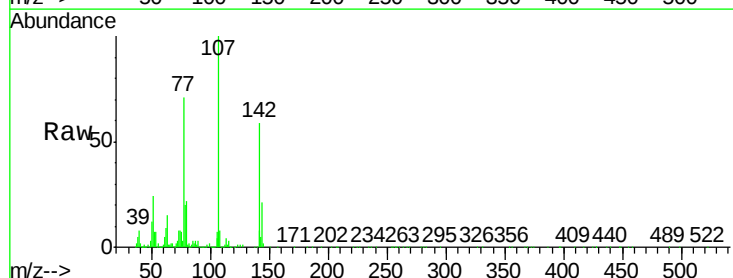
RT: 11.77 min Scan# 1546

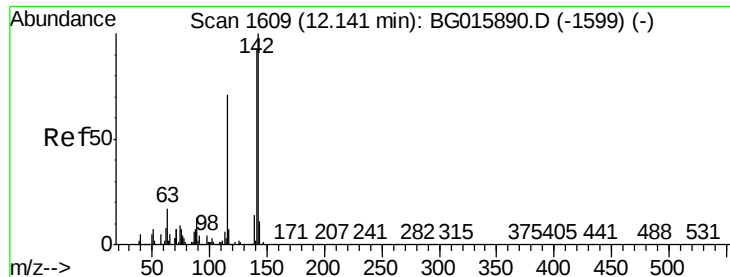
Delta R.T. 0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

Tgt Ion:	107	Resp:	353259
Ion	Ratio	Lower	Upper
107	100		
144	21.0	14.6	22.0
142	58.9	43.8	65.6

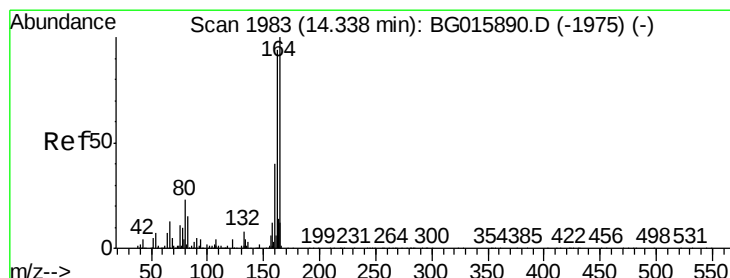
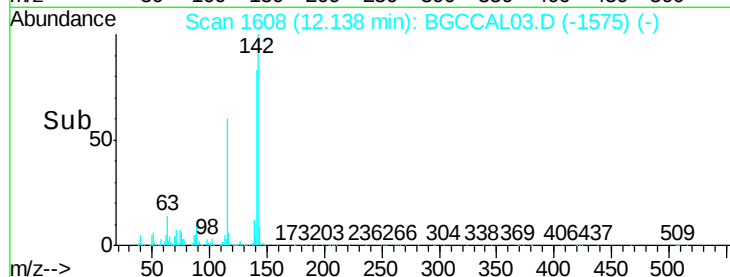
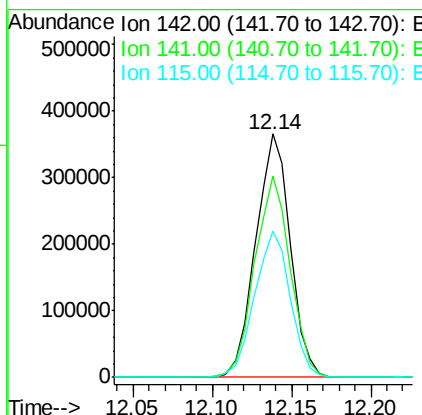
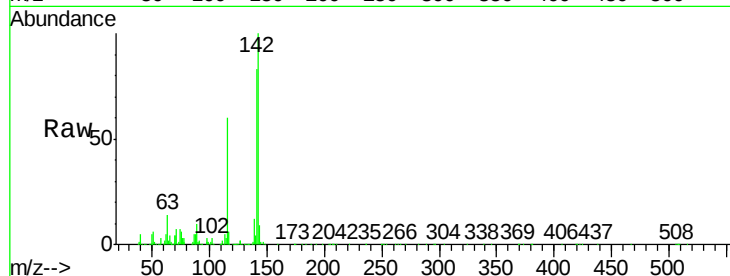




#37
2-Methylnaphthalene
Concen: 38.12 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

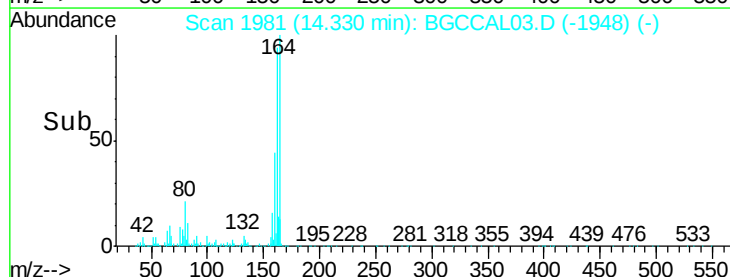
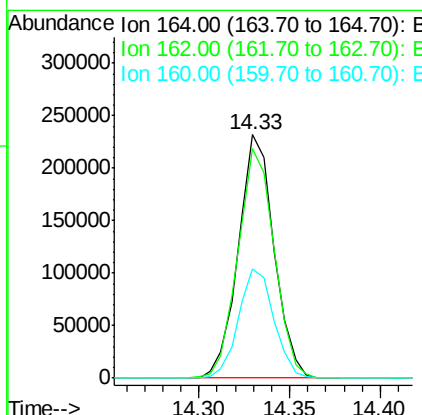
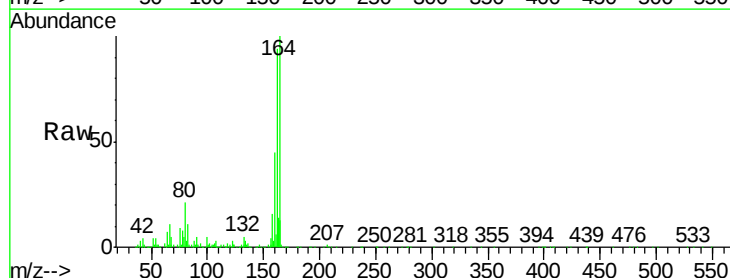
Instrument :
BNA_G
ClientSampleId :

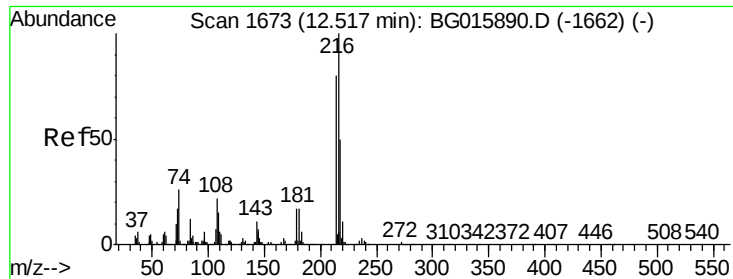
Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.9	73.8	110.8
115	60.2	56.6	84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	75.1	112.7
160	44.6	32.3	48.5

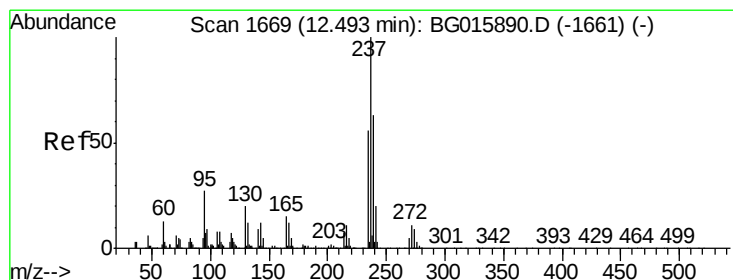
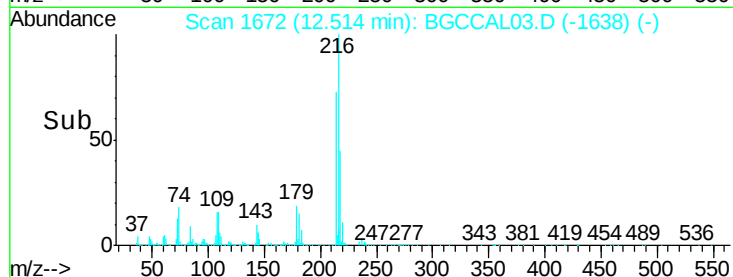
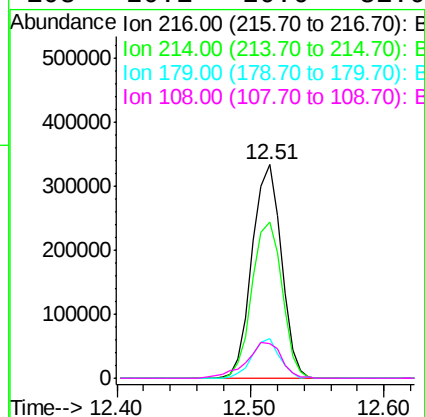
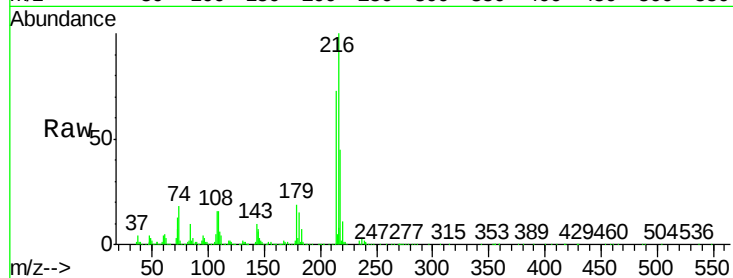




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.70 ng
 RT: 12.51 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

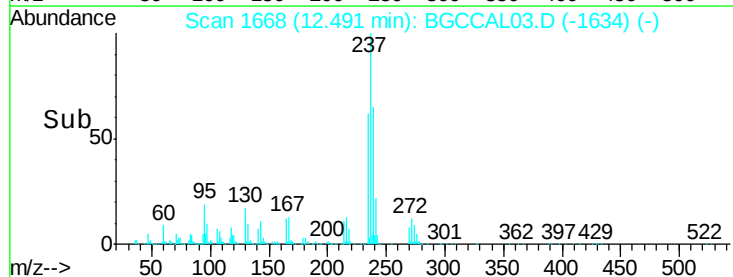
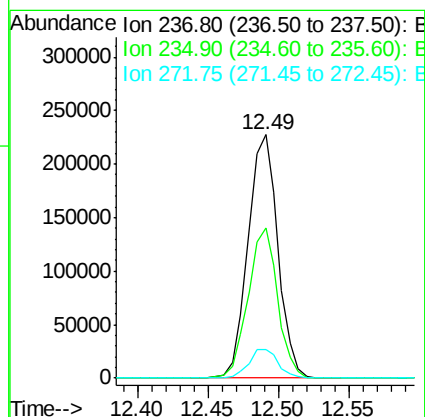
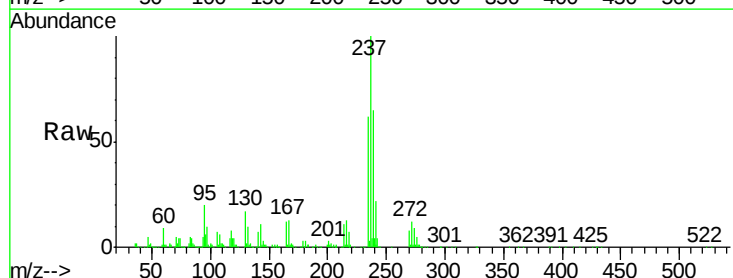
Instrument :
 BNA_G
 ClientSampleId :

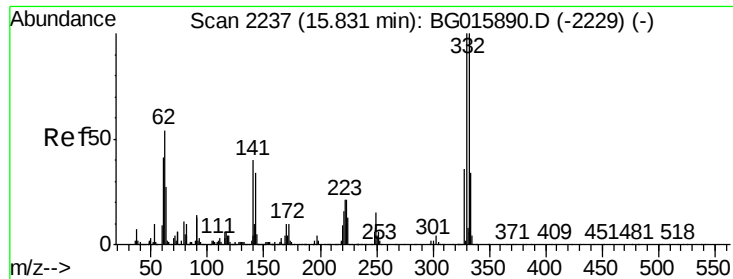
Tgt Ion:	216	Resp:	503302
Ion	Ratio	Lower	Upper
216	100		
214	75.4	64.1	96.1
179	17.5	14.5	21.7
108	20.1	20.6	31.0#



#40
 Hexachlorocyclopentadiene
 Concen: 37.13 ng
 RT: 12.49 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Tgt Ion:	237	Resp:	337703
Ion	Ratio	Lower	Upper
237	100		
235	61.7	36.2	76.2
272	11.9	0.0	31.4

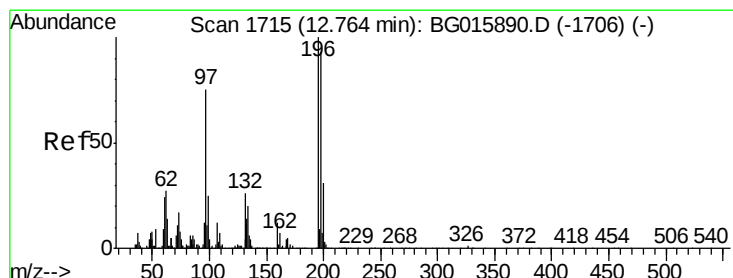
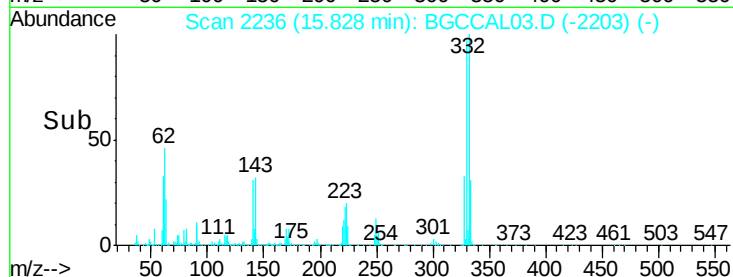
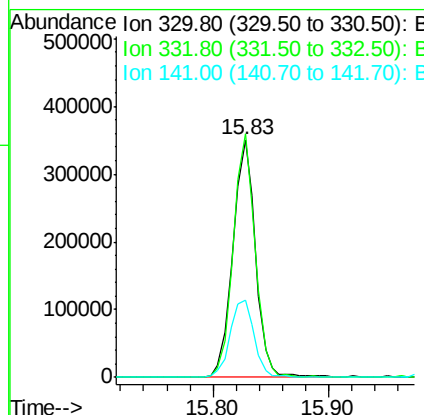
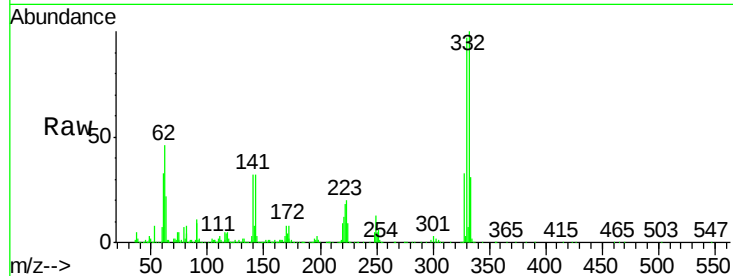




#41
 2,4,6-Tribromophenol
 Concen: 82.29 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

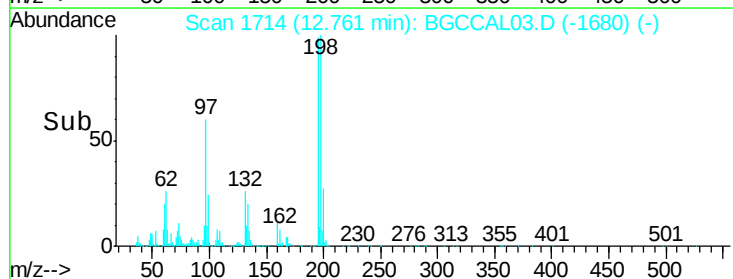
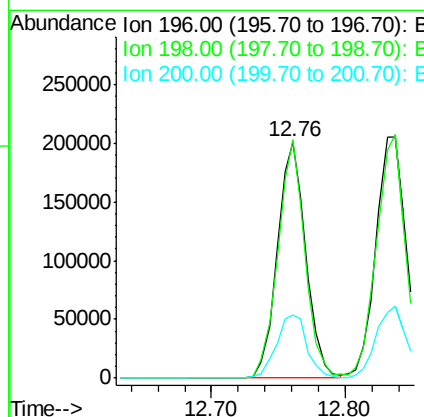
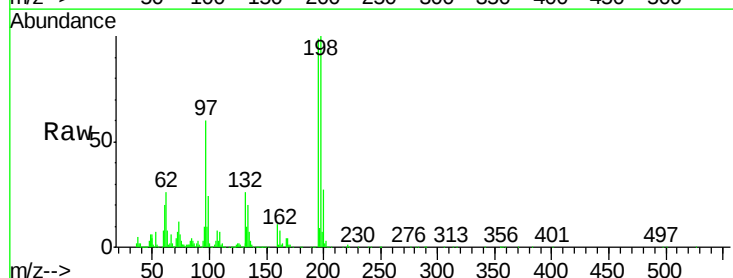
Instrument :
 BNA_G
 ClientSampleId :

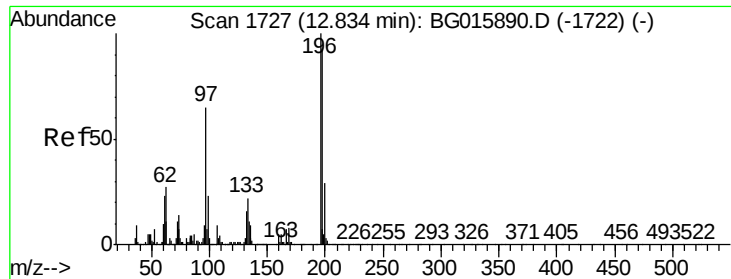
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	75.4	113.0
141	34.8	33.0	49.6



#42
 2,4,6-Trichlorophenol
 Concen: 42.06 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	74.1	111.1
200	26.9	24.6	37.0

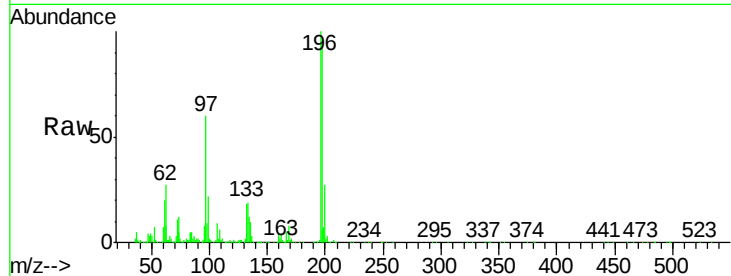




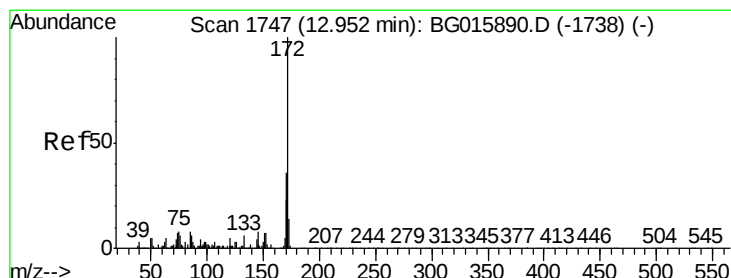
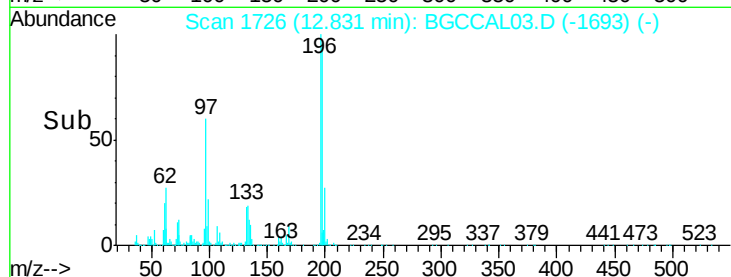
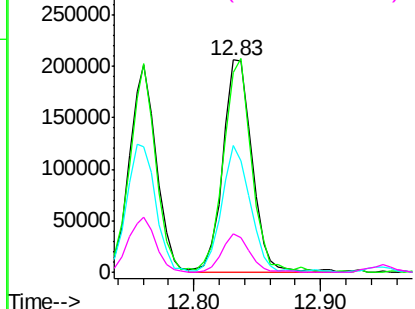
#43
 2,4,5-Trichlorophenol
 Concen: 40.73 ng
 RT: 12.83 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	196	Resp:	325582
Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.7	112.1
97	59.9	52.5	78.7
132	18.2	12.8	19.2

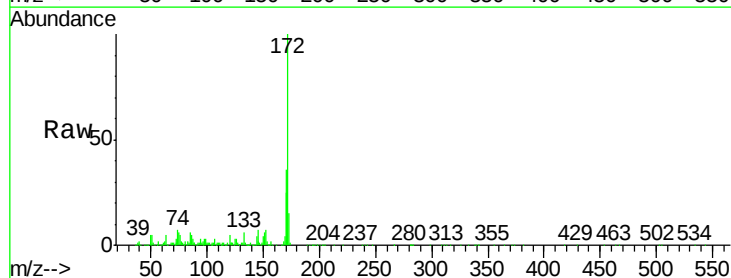


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

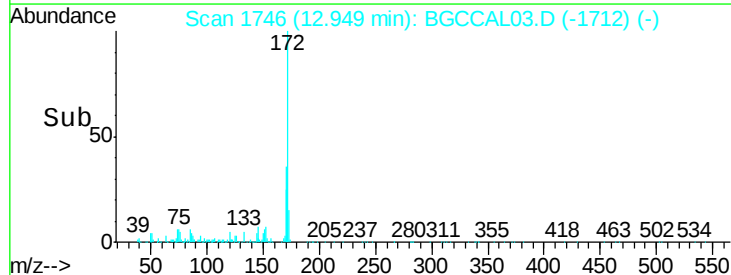
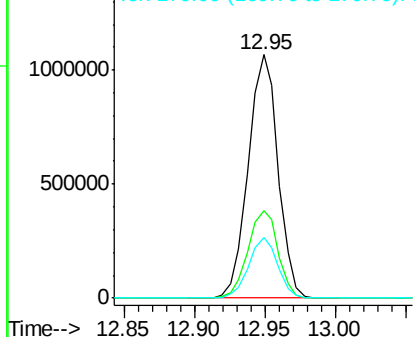


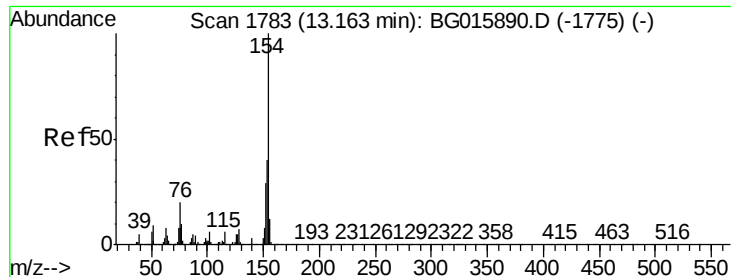
#44
 2-Fluorobiphenyl
 Concen: 78.34 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Tgt Ion:	172	Resp:	1580322
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.7	18.6	27.8



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

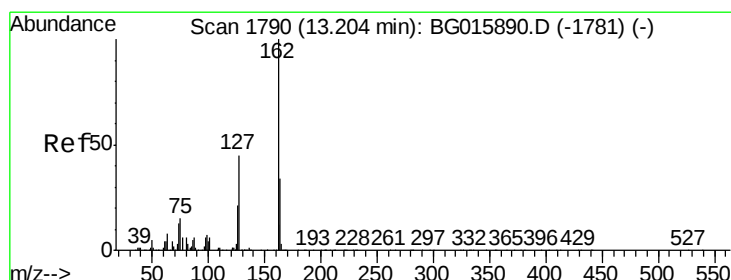
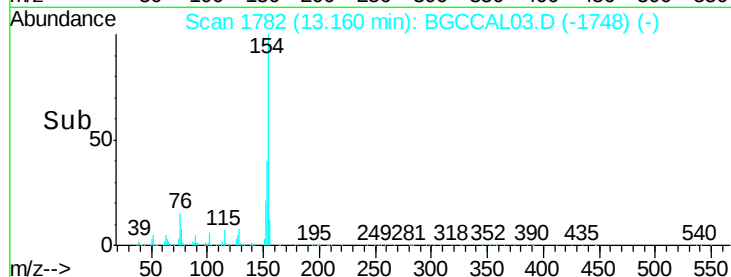
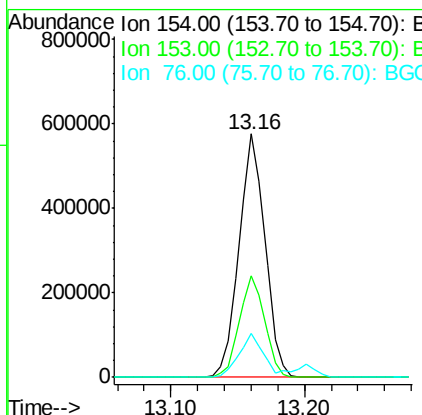
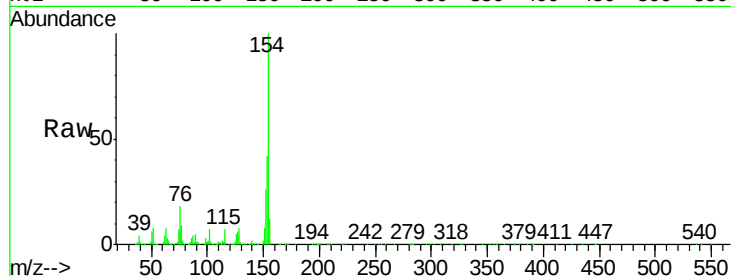




#45
 1,1'-Biphenyl
 Concen: 38.88 ng
 RT: 13.16 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

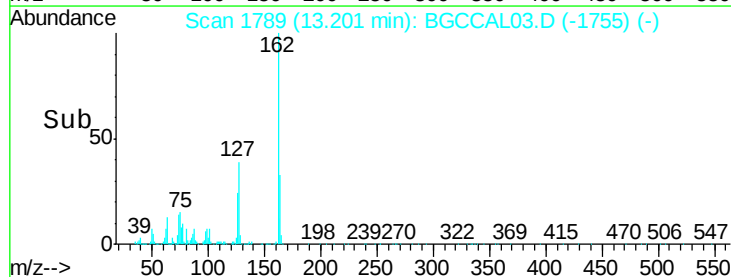
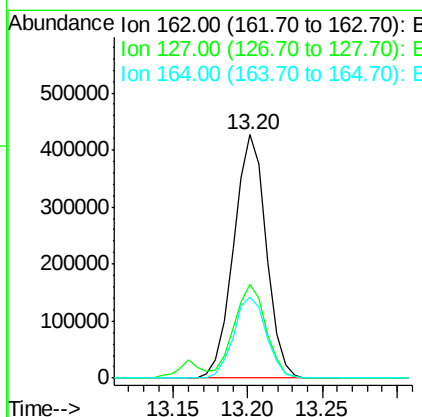
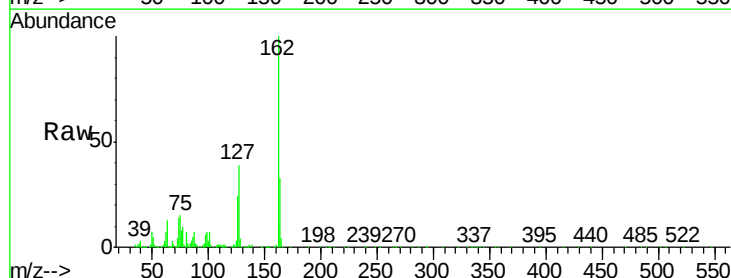
Instrument :
 BNA_G
 ClientSampleId :

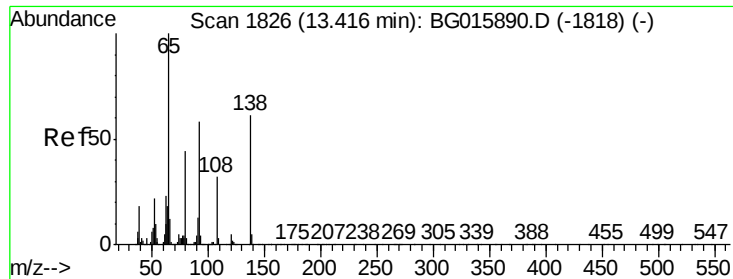
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.4	60.4
76	17.9	0.2	40.2



#46
 2-Chloronaphthalene
 Concen: 38.29 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BGCCAL03.D
 Acq: 27 Jan 2015 19:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	37.1	55.7
164	33.5	27.0	40.4

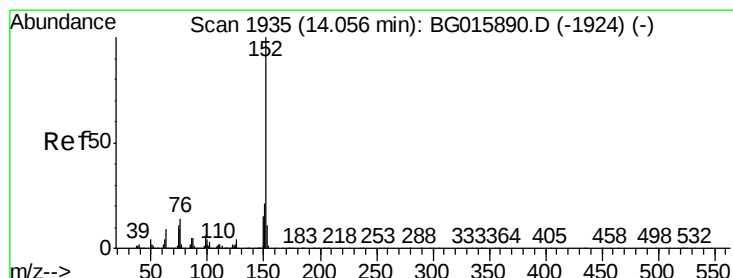
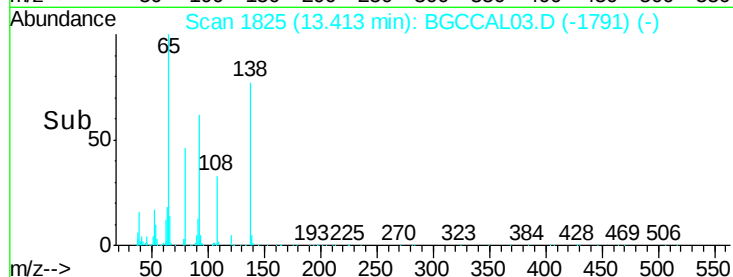
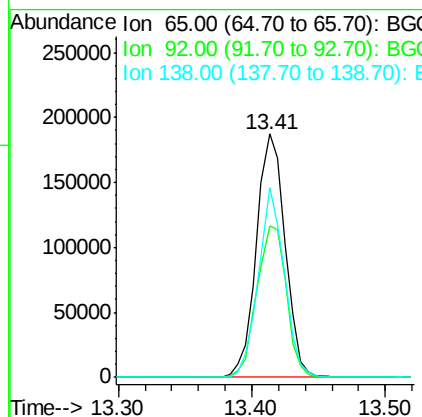
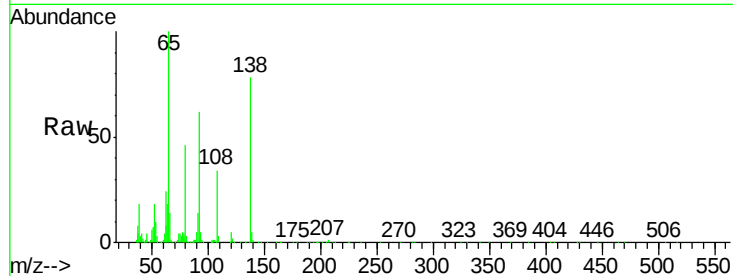




#47
2-Nitroaniline
Concen: 32.18 ng
RT: 13.41 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

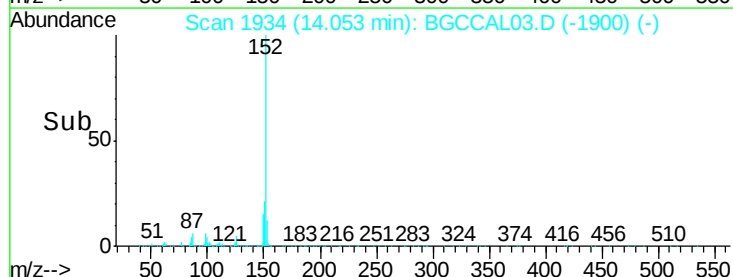
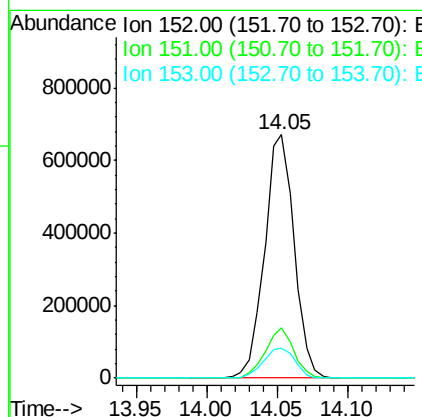
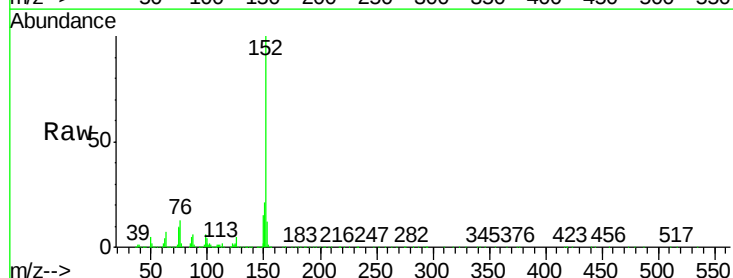
Instrument :
BNA_G
ClientSampleId :

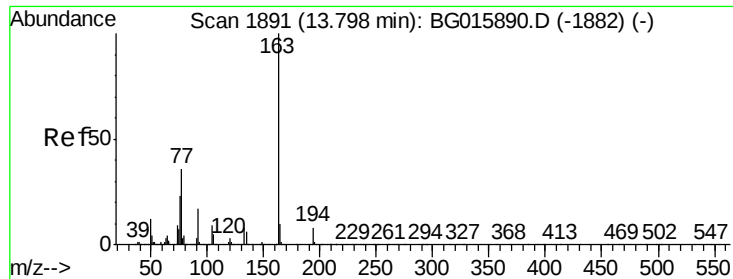
Tgt Ion: 65 Resp: 276935
Ion Ratio Lower Upper
65 100
92 62.4 46.6 70.0
138 77.9 49.0 73.6#



#48
Acenaphthylene
Concen: 38.61 ng
RT: 14.05 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion: 152 Resp: 988955
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 12.2 8.9 13.3

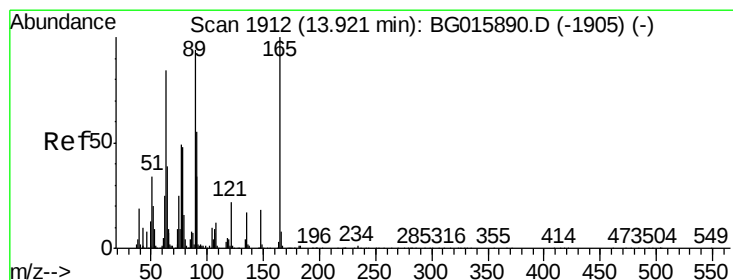
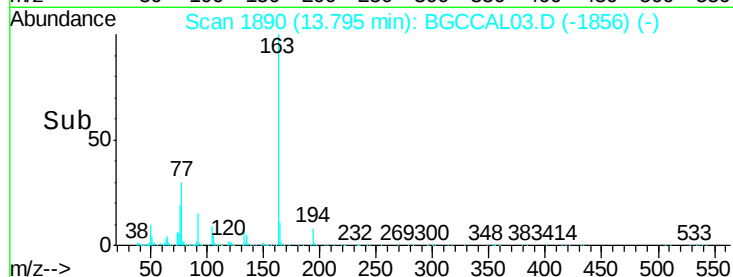
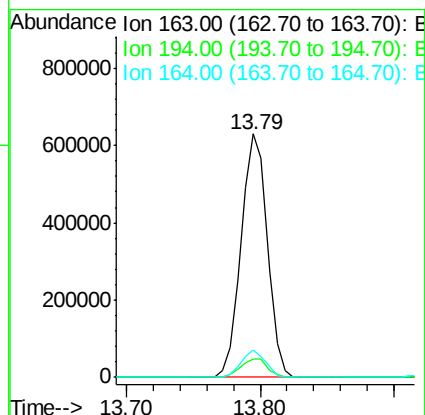
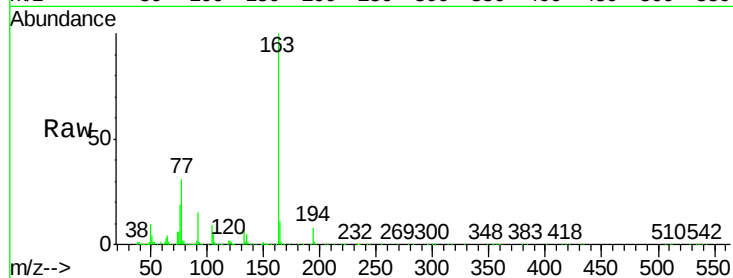




#49
Dimethylphthalate
Concen: 37.51 ng
RT: 13.79 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

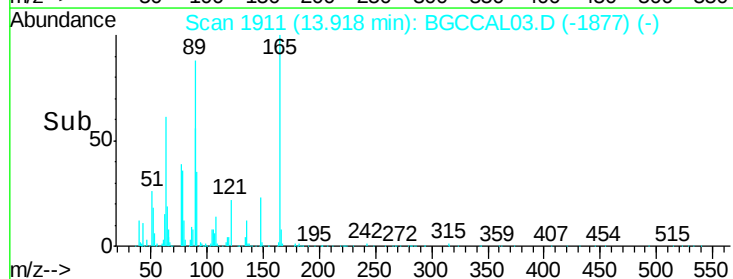
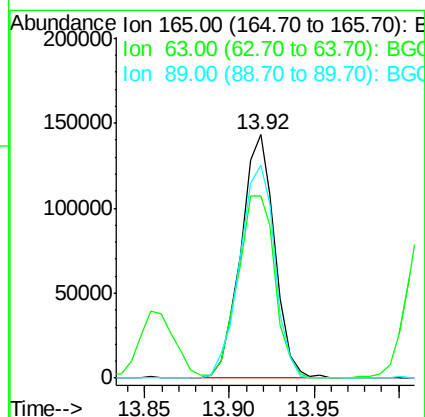
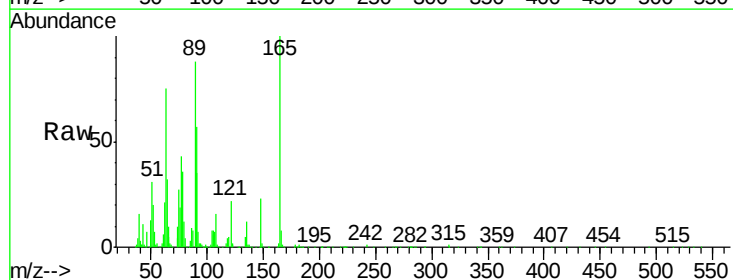
Instrument :
BNA_G
ClientSampleId :

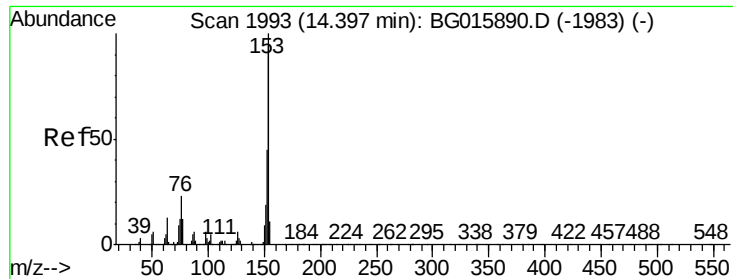
Tgt Ion:163 Resp: 854248
Ion Ratio Lower Upper
163 100
194 7.6 6.2 9.4
164 11.3 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 38.73 ng
RT: 13.92 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BGCCAL03.D
Acq: 27 Jan 2015 19:41

Tgt Ion:165 Resp: 199139
Ion Ratio Lower Upper
165 100
63 74.7 68.3 102.5
89 87.6 75.4 113.2





#51

Acenaphthene

Concen: 36.95 ng

RT: 14.39 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

Instrument :

BNA_G

ClientSampleId :

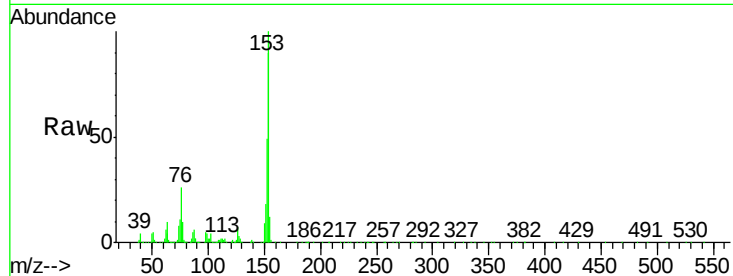
Tgt Ion:154 Resp: 594623

Ion Ratio Lower Upper

154 100

153 110.6 85.1 127.7

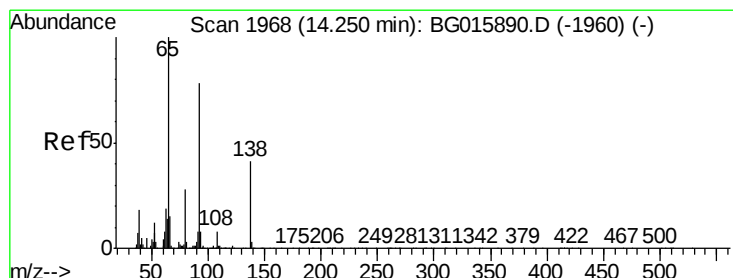
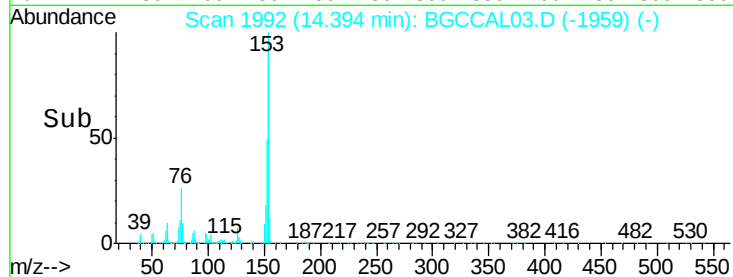
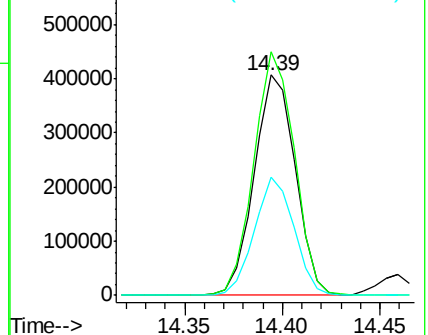
152 53.9 38.3 57.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.93 ng

RT: 14.25 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BGCCAL03.D

Acq: 27 Jan 2015 19:41

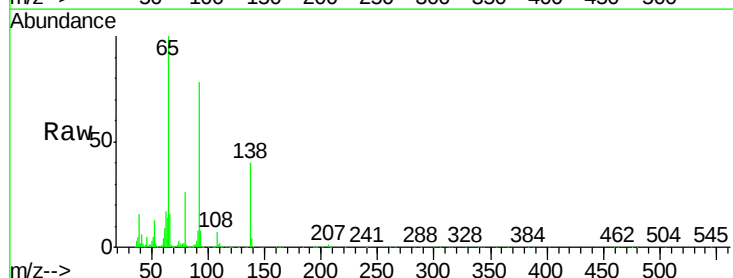
Tgt Ion:138 Resp: 173805

Ion Ratio Lower Upper

138 100

108 16.9 15.9 23.9

92 194.4 154.0 231.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

