

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016986.D
 Acq On : 9 May 2015 10:32
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 11 01:20:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	60247	20.00	ng	-0.01
21) Naphthalene-d8	10.58	136	288920	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	195300	20.00	ng	-0.01
63) Phenanthrene-d10	17.17	188	442279	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	439104	20.00	ng	-0.02
86) Perylene-d12	23.65	264	436592	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	259353	74.96	ng	-0.01
7) Phenol-d6	6.96	99	389993	78.89	ng	0.00
23) Nitrobenzene-d5	8.95	82	467016	78.97	ng	-0.01
41) 2,4,6-Tribromophenol	15.92	330	169528	86.47	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	937805	72.46	ng	-0.02
78) Terphenyl-d14	19.80	244	1520814	81.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	50813	35.04	ng	# 1
3) Pyridine	3.68	79	156071	34.82	ng	98
4) n-Nitrosodimethylamine	3.60	42	102117	38.16	ng	# 100
6) Aniline	7.12	93	263795	38.00	ng	99
8) 2-Chlorophenol	7.36	128	156365	39.01	ng	95
9) Benzaldehyde	6.94	77	126327	35.64	ng	97
10) Phenol	6.99	94	212416	40.07	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	152871	37.30	ng	95
12) 1,3-Dichlorobenzene	7.68	146	158103	35.77	ng	97
13) 1,4-Dichlorobenzene	7.83	146	162776	36.36	ng	97
14) 1,2-Dichlorobenzene	8.14	146	155770	36.25	ng	97
15) Benzyl Alcohol	8.03	79	174813	38.72	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.33	45	256661	33.83	ng	98
17) 2-Methylphenol	8.23	107	146726	39.31	ng	94
18) Hexachloroethane	8.87	117	66462	36.11	ng	99
19) n-Nitroso-di-n-propylamine	8.60	70	164645	37.98	ng	94
20) 3+4-Methylphenols	8.56	107	210262	40.88	ng	94
22) Acetophenone	8.61	105	252639	36.71	ng	# 99
24) Nitrobenzene	8.99	77	230290	38.56	ng	96
25) Isophorone	9.51	82	433333	36.29	ng	99
26) 2-Nitrophenol	9.70	139	98855	40.65	ng	91
27) 2,4-Dimethylphenol	9.76	122	167477	38.06	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	222151	36.85	ng	97
29) 2,4-Dichlorophenol	10.23	162	166601	40.07	ng	97
30) 1,2,4-Trichlorobenzene	10.45	180	162474	36.85	ng	96
31) Naphthalene	10.63	128	526184	36.62	ng	99
32) Benzoic acid	9.90	122	141307	51.77	ng	95
33) 4-Chloroaniline	10.74	127	263878	39.76	ng	98
34) Hexachlorobutadiene	10.92	225	97430	35.31	ng	95
35) Caprolactam	11.52	113	84897	39.31	ng	93
36) 4-Chloro-3-methylphenol	11.87	107	218864	41.11	ng	99
37) 2-Methylnaphthalene	12.25	142	407997	37.28	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	187325	35.48	ng	# 100
40) Hexachlorocyclopentadiene	12.59	237	111263	32.63	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	146214	39.08	ng	96
43) 2,4,5-Trichlorophenol	12.93	196	160085	40.31	ng	96
45) 1,1'-Biphenyl	13.26	154	512100	36.62	ng	99
46) 2-Chloronaphthalene	13.30	162	407665	36.81	ng	99
47) 2-Nitroaniline	13.51	65	176898	45.89	ng	98
48) Acenaphthylene	14.15	152	721734	37.42	ng	99
49) Dimethylphthalate	13.89	163	555579	38.10	ng	98
50) 2,6-Dinitrotoluene	14.01	165	128010	42.28	ng	94
51) Acenaphthene	14.49	154	423994	36.94	ng	100
52) 3-Nitroaniline	14.34	138	151309	43.92	ng	98
53) 2,4-Dinitrophenol	14.54	184	52290	37.76	ng	91
54) Dibenzofuran	14.83	168	611910	37.54	ng	93
55) 4-Nitrophenol	14.64	139	124469	42.61	ng	94
56) 2,4-Dinitrotoluene	14.80	165	184821	47.71	ng	92
57) Fluorene	15.48	166	553272	38.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	138352	40.37	ng	# 78
59) Diethylphthalate	15.26	149	598533	38.88	ng	99
60) 4-Chlorophenyl-phenylether	15.47	204	274221	37.82	ng	96
61) 4-Nitroaniline	15.50	138	172969	43.31	ng	91
62) Azobenzene	15.77	77	610002	38.26	ng	97
64) 4,6-Dinitro-2-methylphenol	15.55	198	94882	43.27	ng	90
65) n-Nitrosodiphenylamine	15.69	169	495656	36.71	ng	99
66) 4-Bromophenyl-phenylether	16.37	248	167878	37.82	ng	95
67) Hexachlorobenzene	16.48	284	179427	38.33	ng	97
68) Atrazine	16.64	200	179338	36.91	ng	96
69) Pentachlorophenol	16.82	266	117631	38.70	ng	98
70) Phenanthrene	17.22	178	838964	36.86	ng	100
71) Anthracene	17.31	178	854128	37.20	ng	99
72) Carbazole	17.58	167	813785	37.28	ng	99
73) Di-n-butylphthalate	18.14	149	1069939	37.81	ng	99
74) Fluoranthene	19.23	202	980609	37.13	ng	99
76) Benzidine	19.41	184	505081	33.85	ng	98
77) Pyrene	19.59	202	1007982	38.89	ng	99
79) Butylbenzylphthalate	20.49	149	479906	38.96	ng	97
80) Benzo(a)anthracene	21.34	228	920054	39.06	ng	98
81) 3,3'-Dichlorobenzidine	21.27	252	347320	37.76	ng	97
82) Chrysene	21.39	228	867032	39.30	ng	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	649217	38.53	ng	99
84) Di-n-octyl phthalate	22.16	149	1089939	38.51	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1049722	39.92	ng	# 100
87) Benzo(b)fluoranthene	22.95	252	945484	38.87	ng	99
88) Benzo(k)fluoranthene	23.00	252	879807	37.60	ng	99
89) Benzo(a)pyrene	23.55	252	868156	38.28	ng	100
90) Dibenzo(a,h)anthracene	26.02	278	897096	38.72	ng	98
91) Benzo(g,h,i)perylene	26.73	276	841292	38.14	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.01 min

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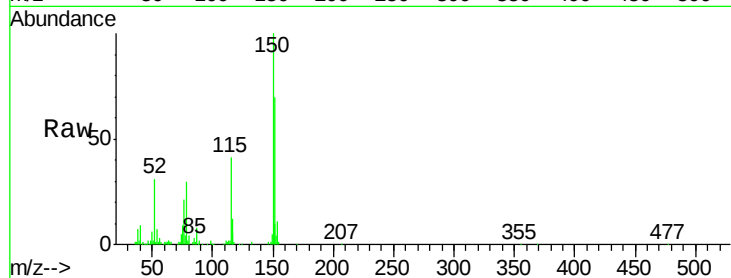
Tgt Ion:152 Resp: 60247

Ion Ratio Lower Upper

152 100

150 142.8 121.0 181.4

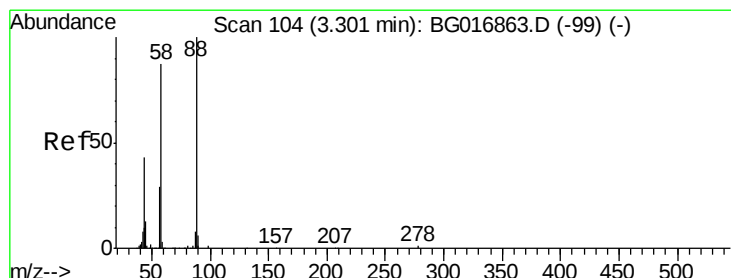
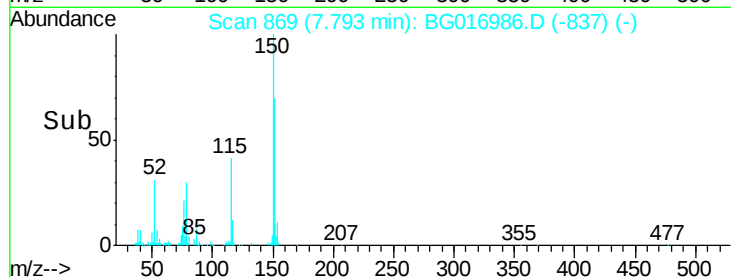
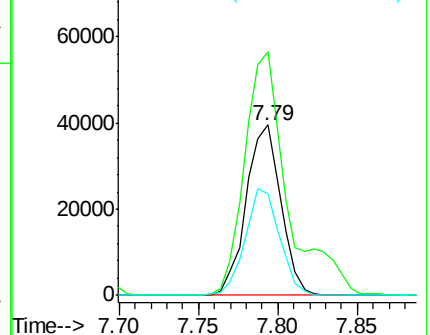
115 59.2 50.5 75.7



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: 35.04 ng

RT: 3.29 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

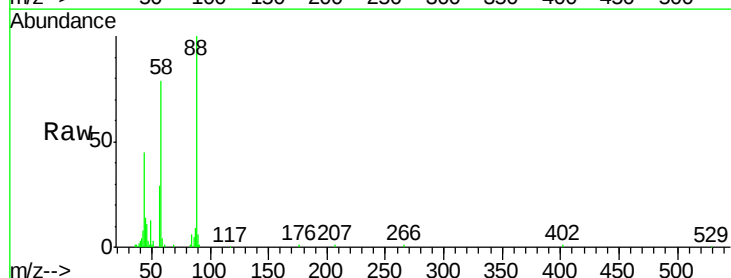
Tgt Ion: 88 Resp: 50813

Ion Ratio Lower Upper

88 100

58 81.8 0.1 0.1#

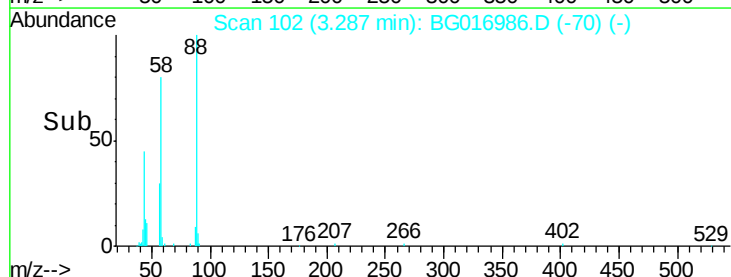
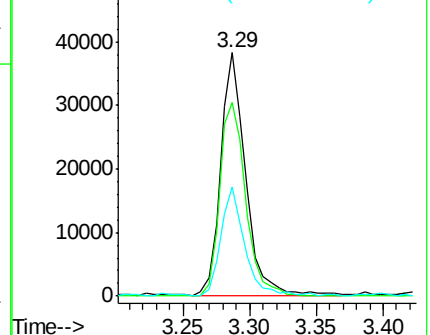
43 42.8 1.3 1.9#



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: 34.82 ng

RT: 3.68 min Scan# 169

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

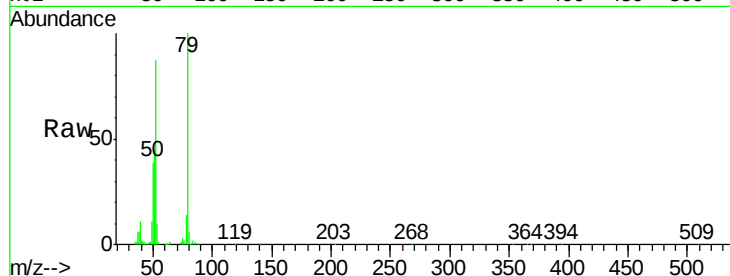
Tgt Ion: 79 Resp: 156071

Ion Ratio Lower Upper

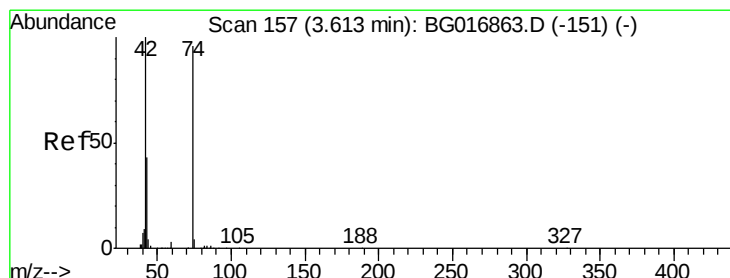
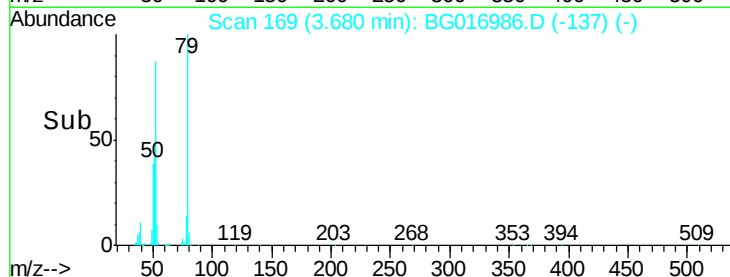
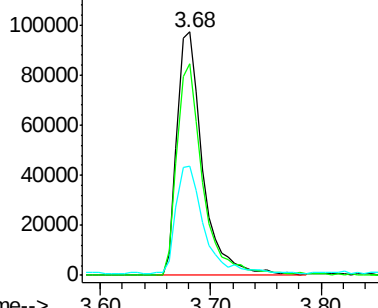
79 100

52 87.1 68.5 102.7

51 45.0 37.8 56.8



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: 38.16 ng

RT: 3.60 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

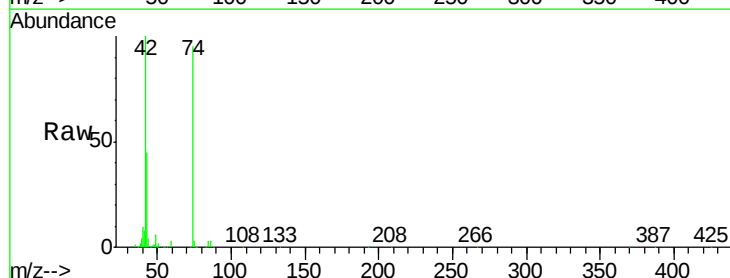
Tgt Ion: 42 Resp: 102117

Ion Ratio Lower Upper

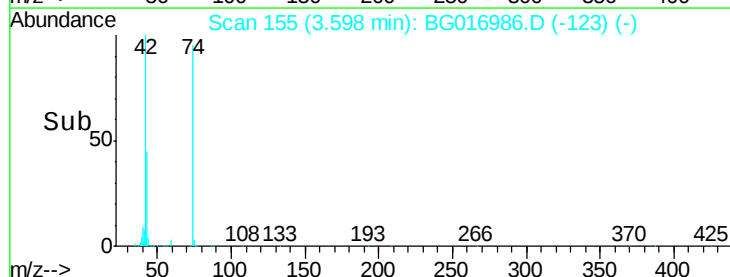
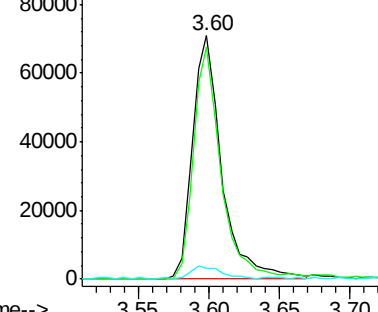
42 100

74 95.3 76.2 114.2

44 4.2 4.9 7.3#



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: 74.96 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

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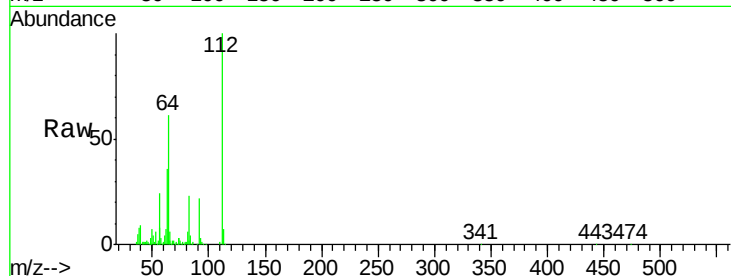
Tgt Ion: 112 Resp: 259353

Ion Ratio Lower Upper

112 100

64 61.5 51.4 77.2

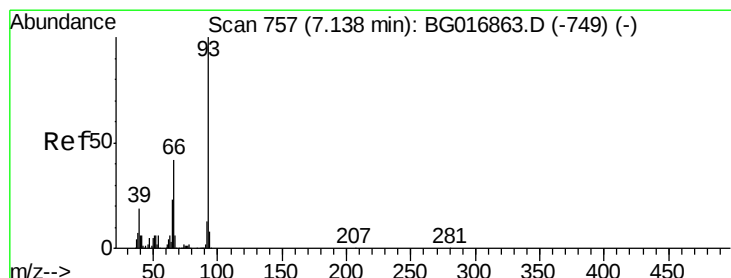
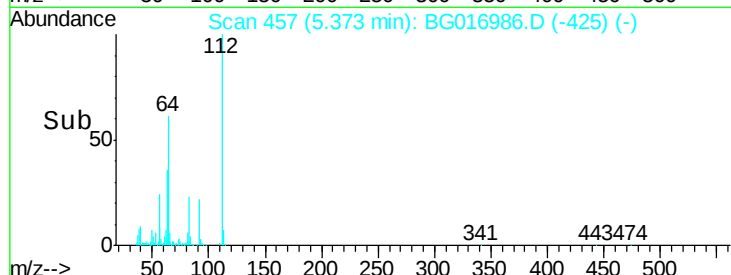
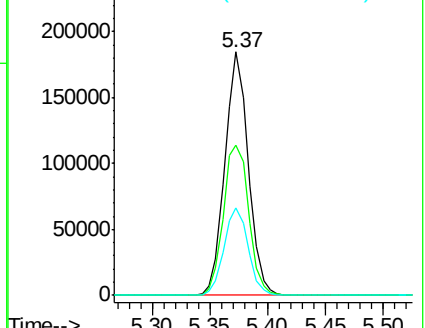
63 36.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.00 ng

RT: 7.12 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

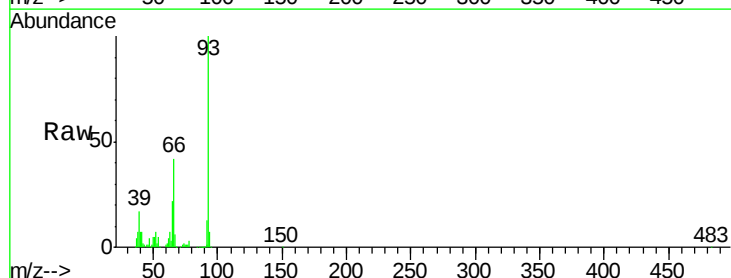
Tgt Ion: 93 Resp: 263795

Ion Ratio Lower Upper

93 100

66 41.9 33.8 50.6

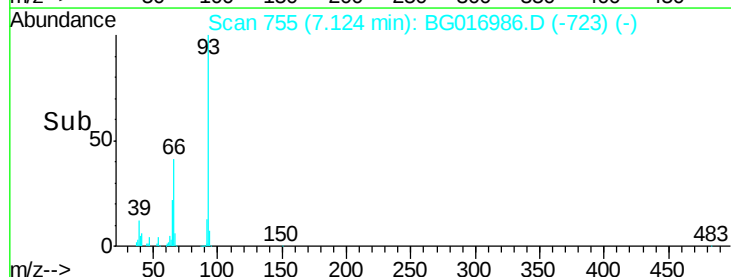
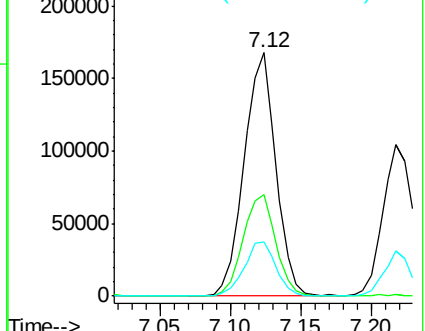
65 22.4 18.7 28.1

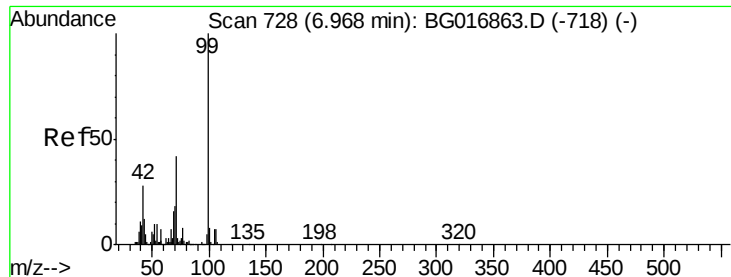


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.89 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

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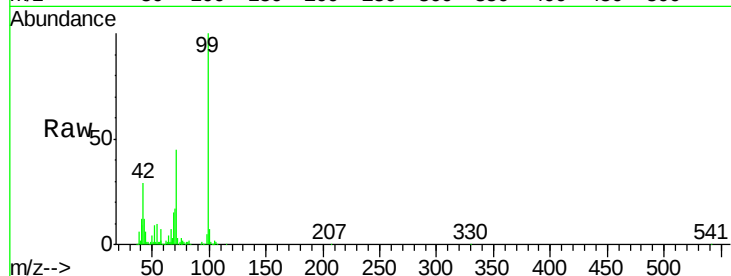
Tgt Ion: 99 Resp: 389993

Ion Ratio Lower Upper

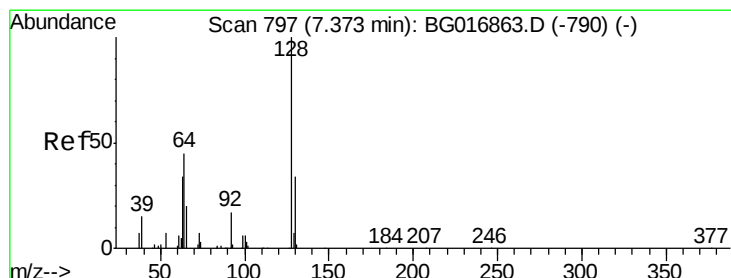
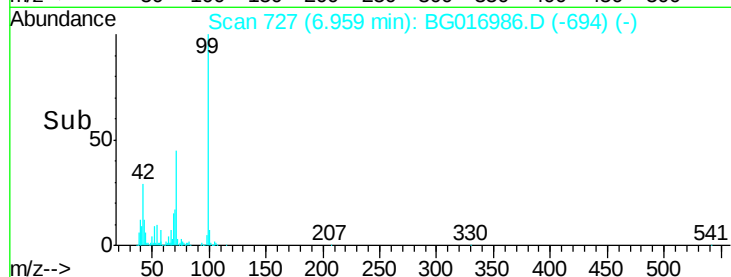
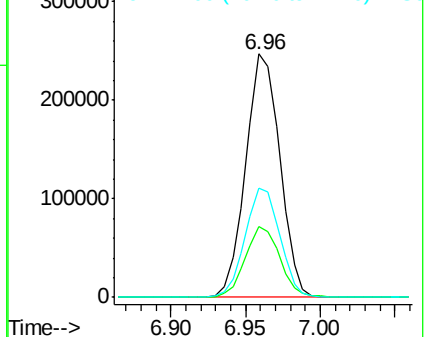
99 100

42 29.1 22.1 33.1

71 45.1 33.4 50.0



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: 39.01 ng

RT: 7.36 min Scan# 795

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

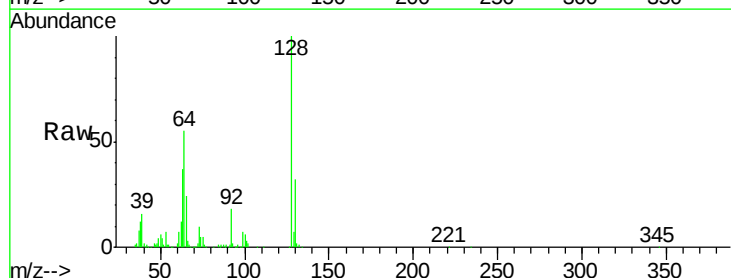
Tgt Ion: 128 Resp: 156365

Ion Ratio Lower Upper

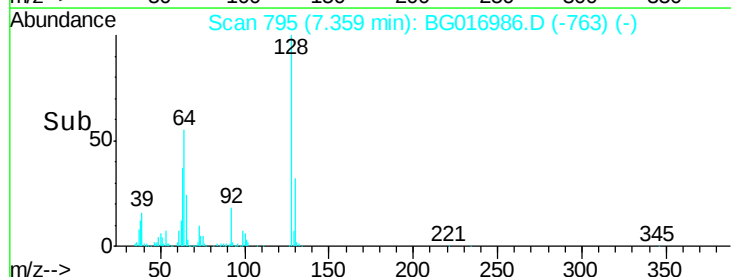
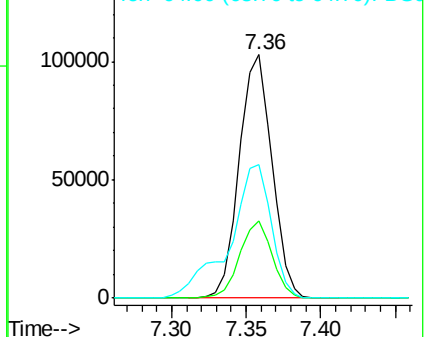
128 100

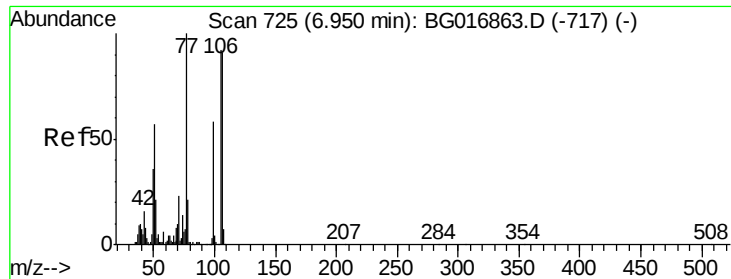
130 31.9 14.4 54.4

64 54.9 38.4 78.4



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: 35.64 ng

RT: 6.94 min Scan# 723

Delta R.T. -0.01 min

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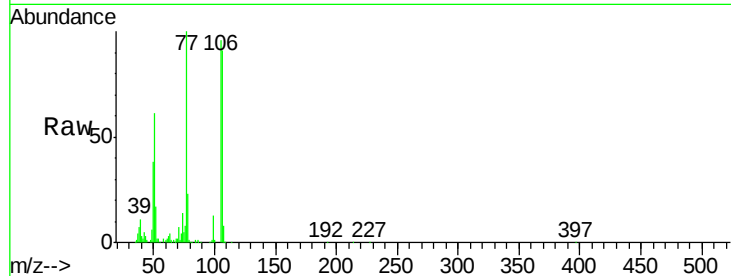
Tgt Ion: 77 Resp: 126327

Ion Ratio Lower Upper

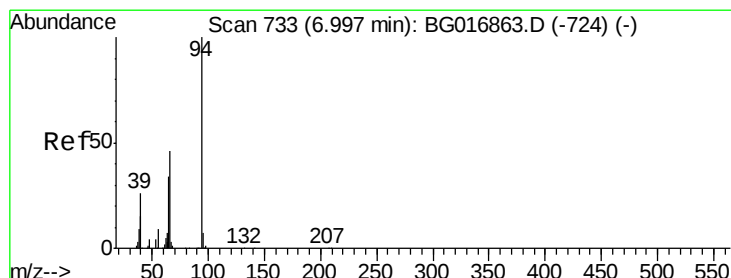
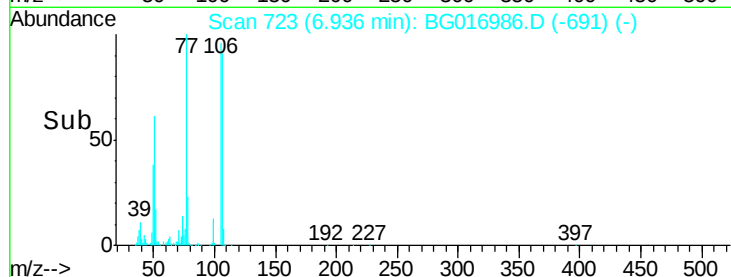
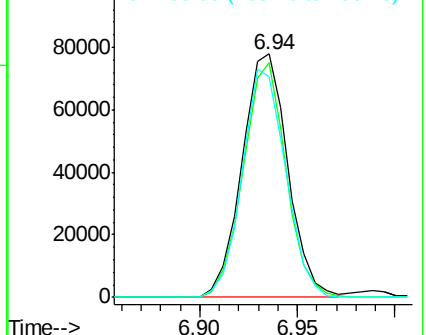
77 100

105 96.2 71.6 111.6

106 90.6 71.5 111.5



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: 40.07 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

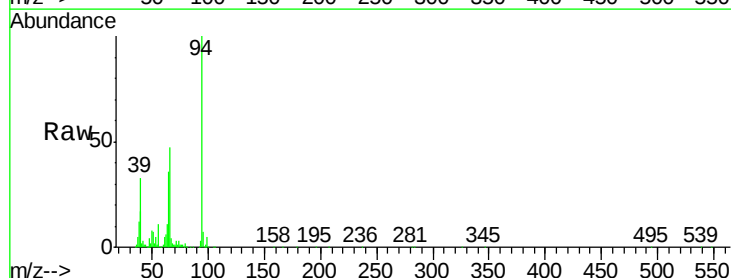
Tgt Ion: 94 Resp: 212416

Ion Ratio Lower Upper

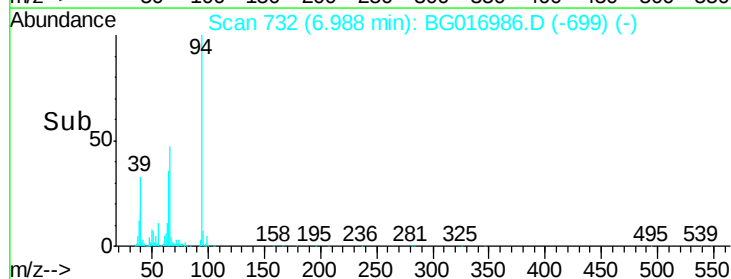
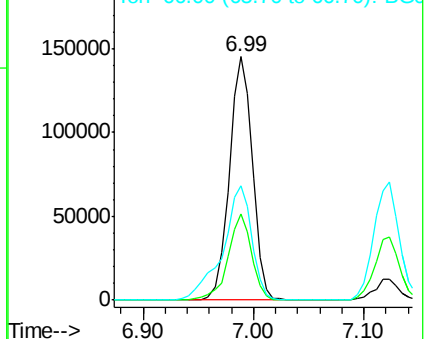
94 100

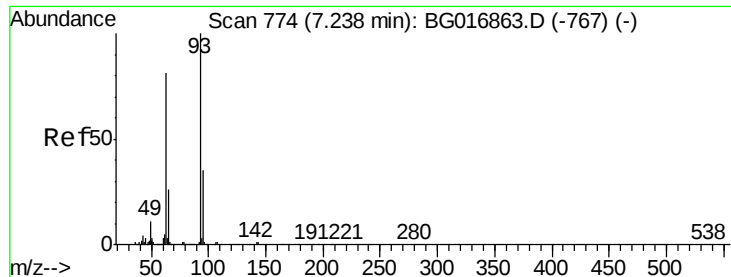
65 35.5 14.3 54.3

66 46.9 26.9 66.9



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

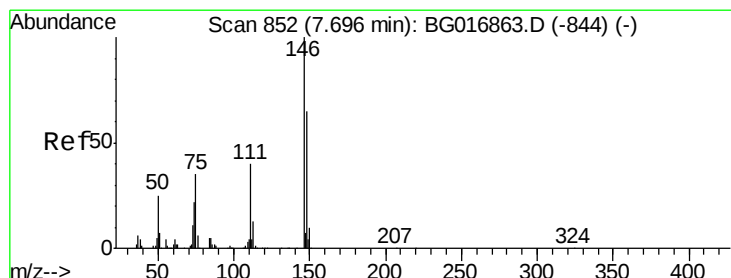
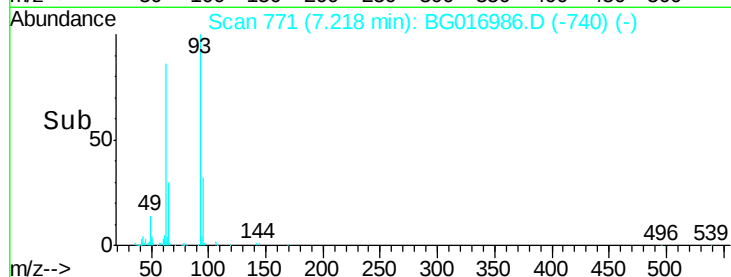
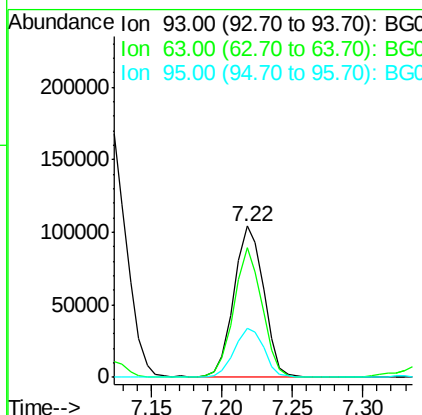
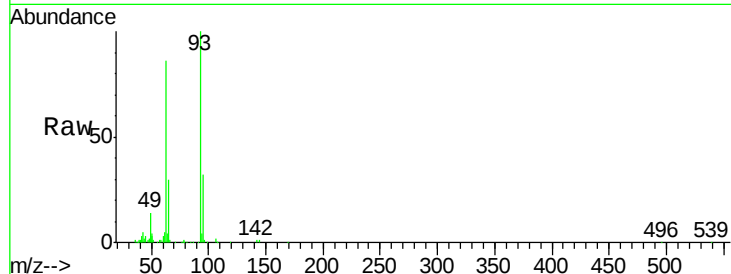




#11
bis(2-Chloroethyl)ether
Concen: 37.30 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

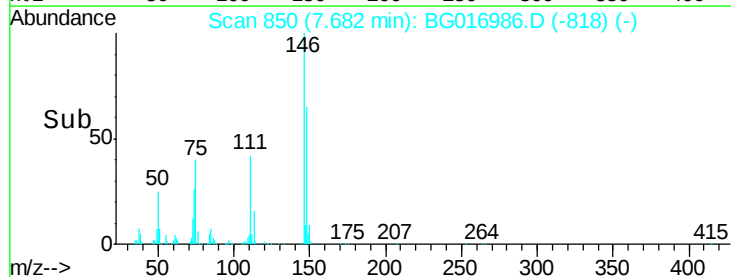
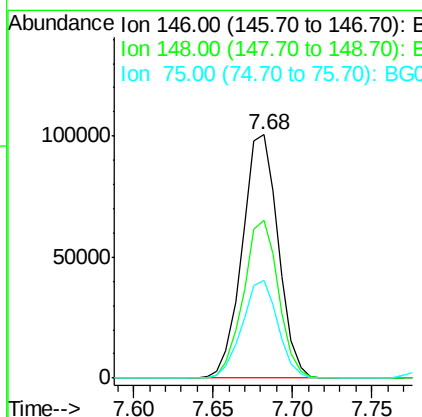
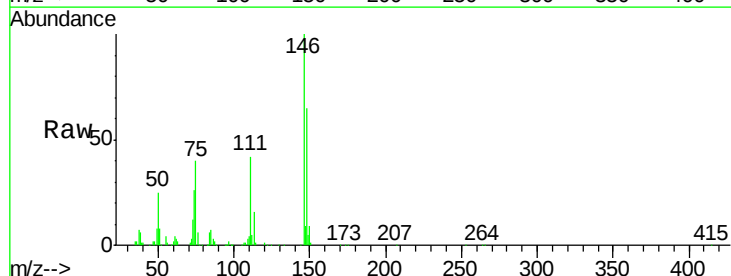
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 152871
Ion Ratio Lower Upper
93 100
63 85.6 61.2 101.2
95 32.4 15.0 55.0



#12
1,3-Dichlorobenzene
Concen: 35.77 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion: 146 Resp: 158103
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 40.3 28.2 42.2

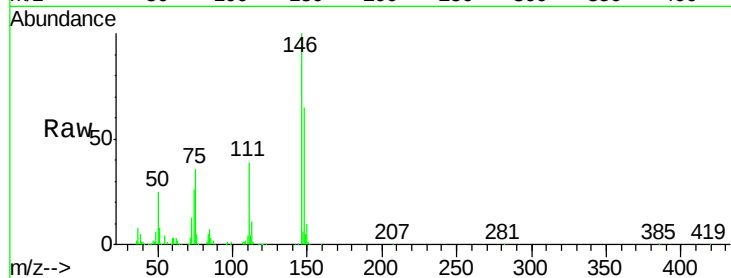




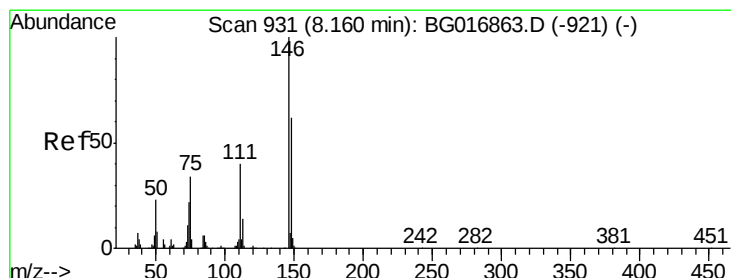
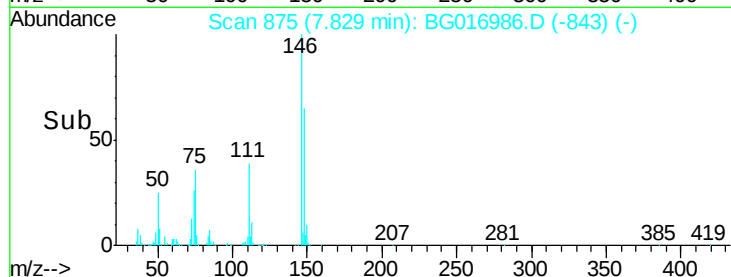
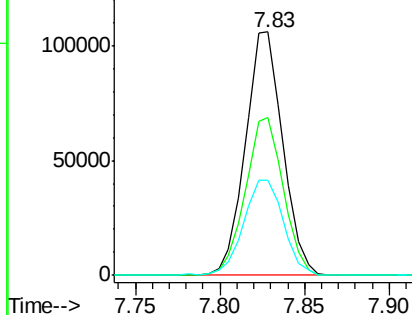
#13
 1,4-Dichlorobenzene
 Concen: 36.36 ng
 RT: 7.83 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 162776
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.8 79.2
 111 38.9 33.9 50.9

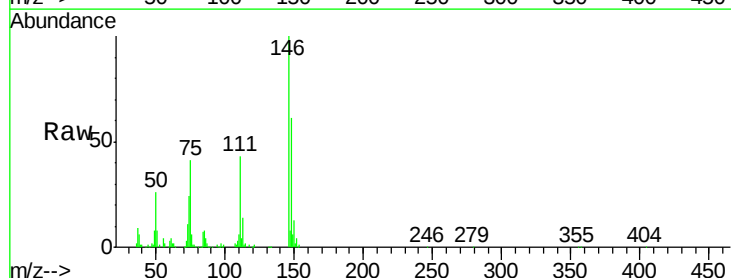


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

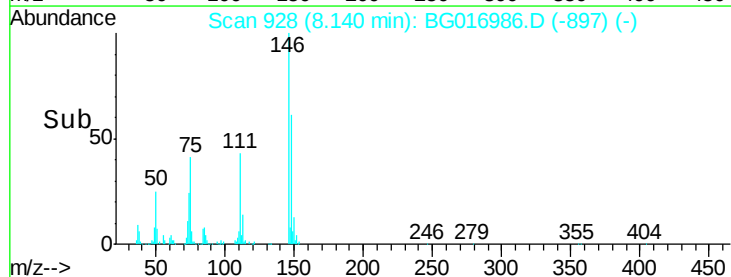
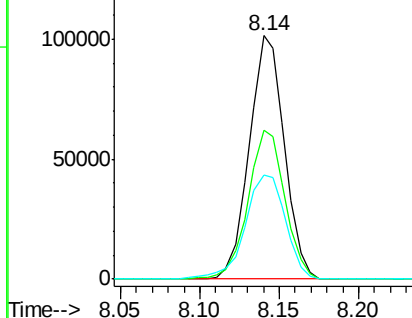


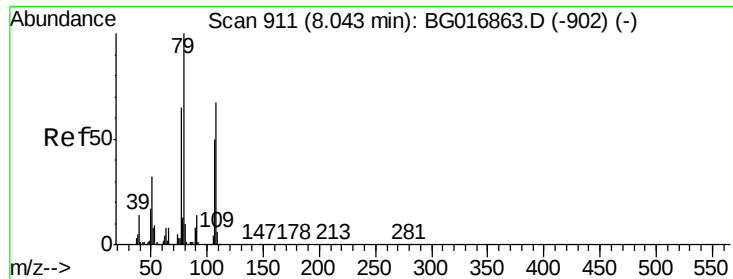
#14
 1,2-Dichlorobenzene
 Concen: 36.25 ng
 RT: 8.14 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion:146 Resp: 155770
 Ion Ratio Lower Upper
 146 100
 148 61.0 49.9 74.9
 111 42.7 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.72 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

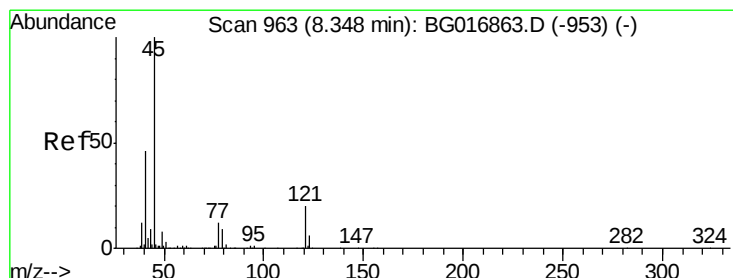
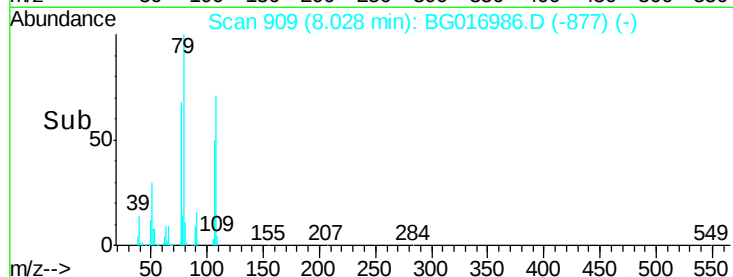
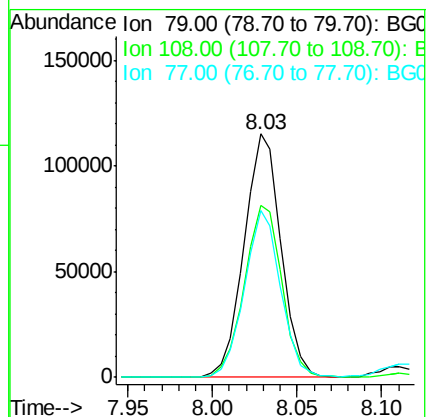
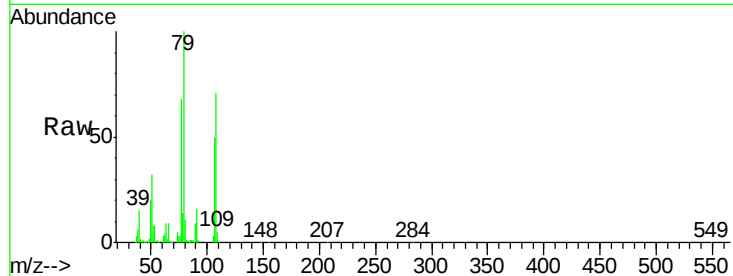
Tgt Ion: 79 Resp: 174813

Ion Ratio Lower Upper

79 100

108 70.8 53.4 80.2

77 68.4 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.83 ng

RT: 8.33 min Scan# 960

Delta R.T. -0.02 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

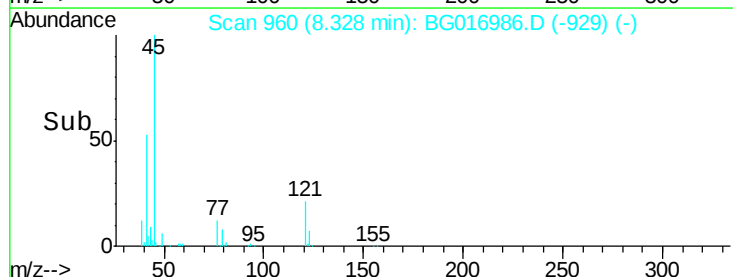
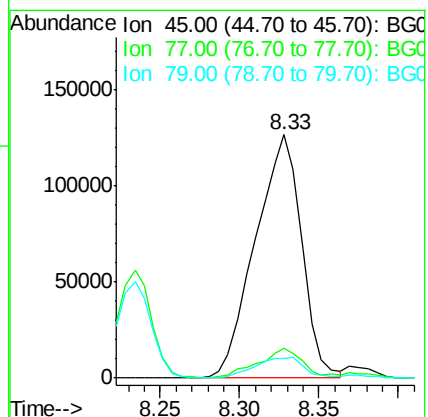
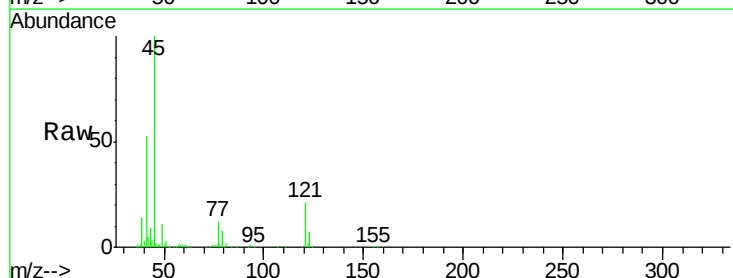
Tgt Ion: 45 Resp: 256661

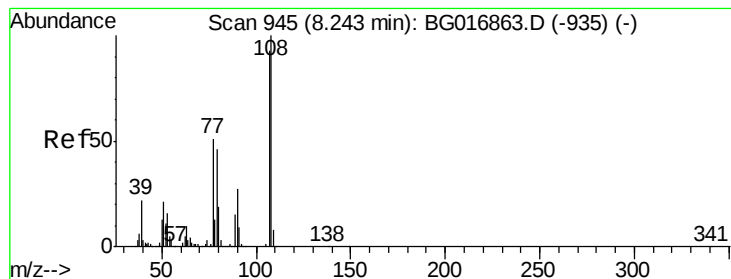
Ion Ratio Lower Upper

45 100

77 12.3 0.0 31.8

79 8.1 0.0 29.1





#17

2-Methylphenol

Concen: 39.31 ng

RT: 8.23 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 146726

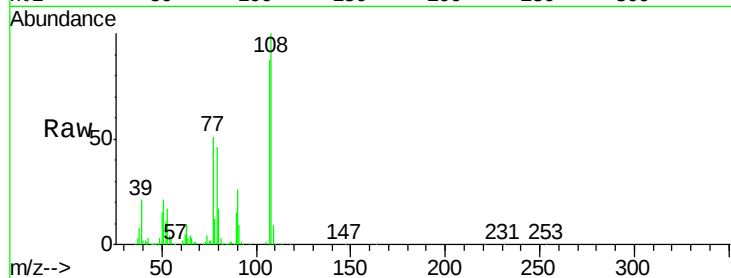
Ion Ratio Lower Upper

107 100

108 115.0 85.9 128.9

77 59.1 43.8 65.6

79 52.9 39.8 59.6

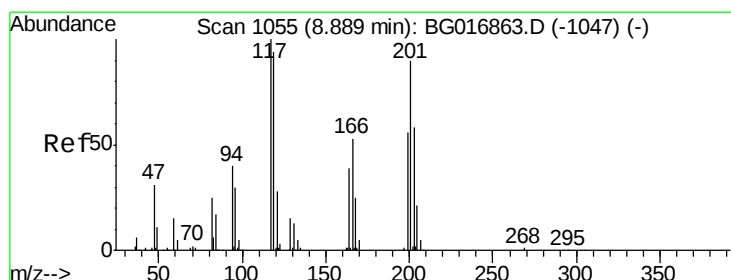
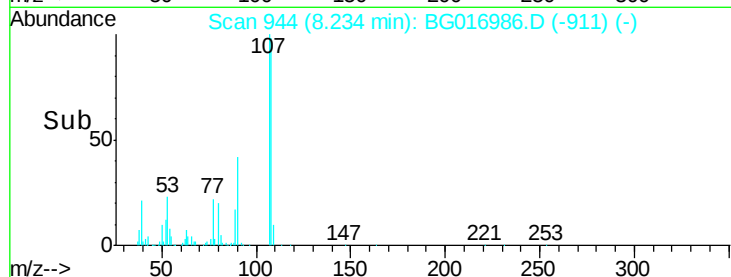
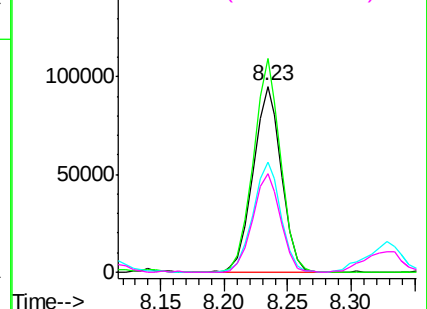


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.11 ng

RT: 8.87 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

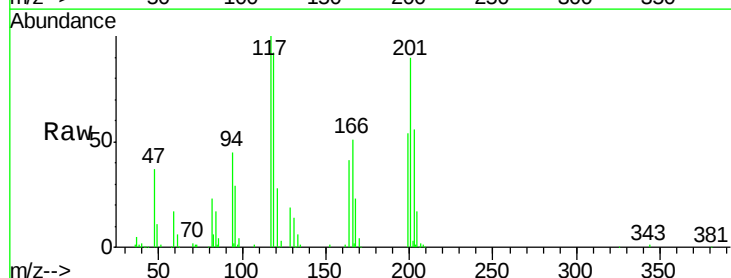
Tgt Ion:117 Resp: 66462

Ion Ratio Lower Upper

117 100

119 92.4 74.8 112.2

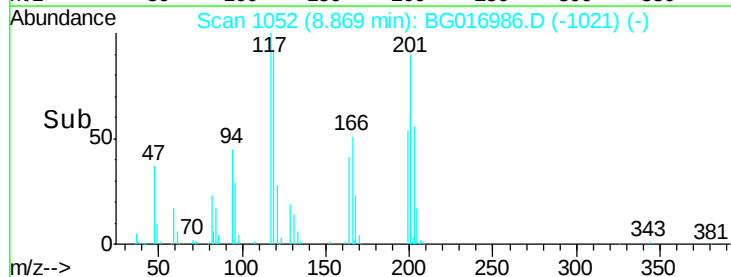
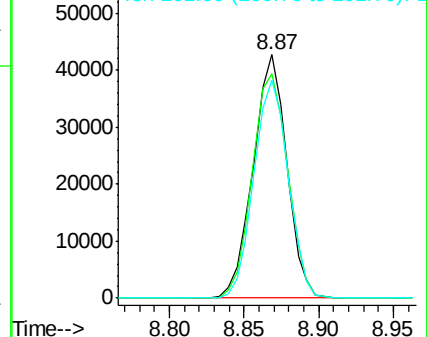
201 89.6 72.1 108.1

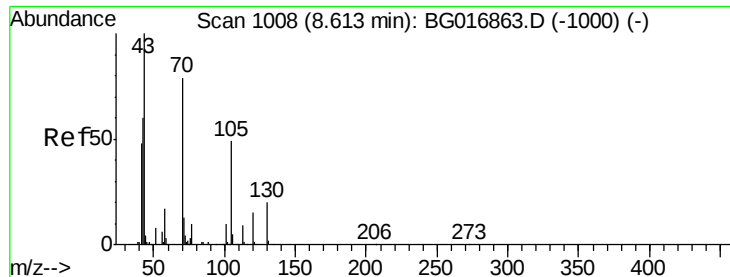


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

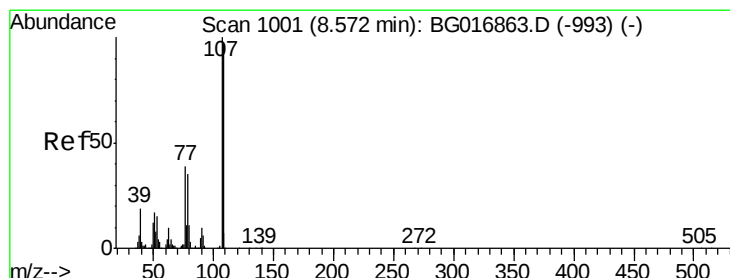
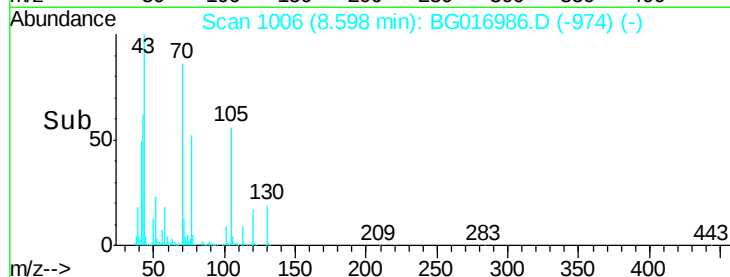
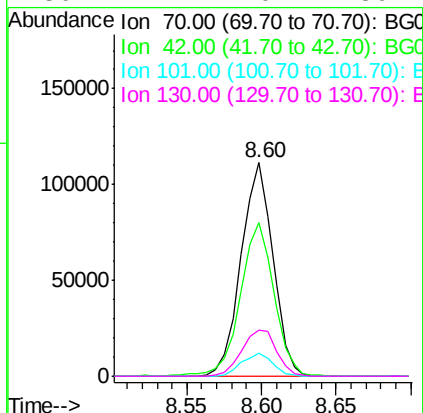
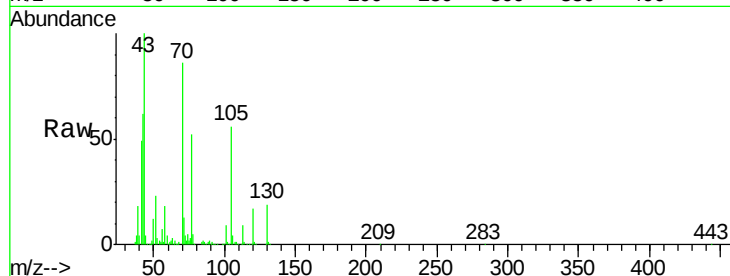




#19
 n-Nitroso-di-n-propylamine
 Concen: 37.98 ng
 RT: 8.60 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

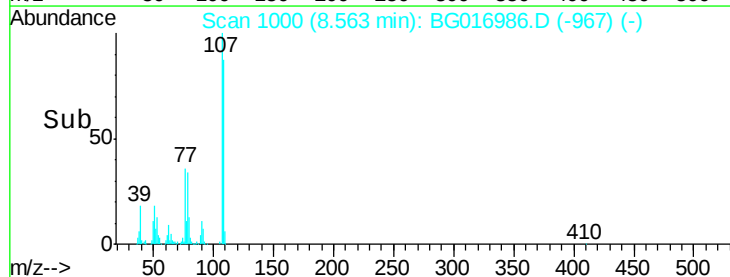
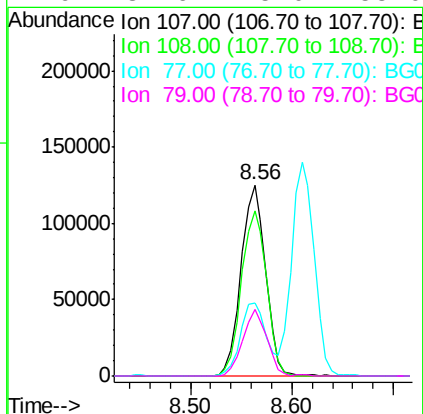
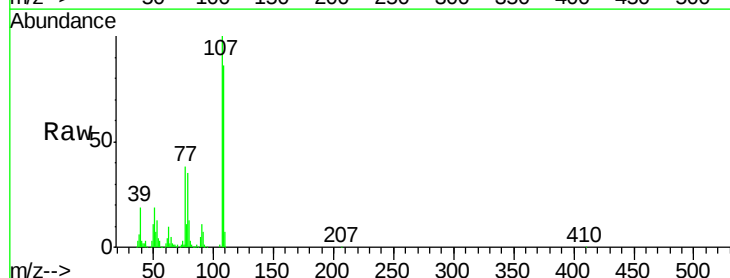
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

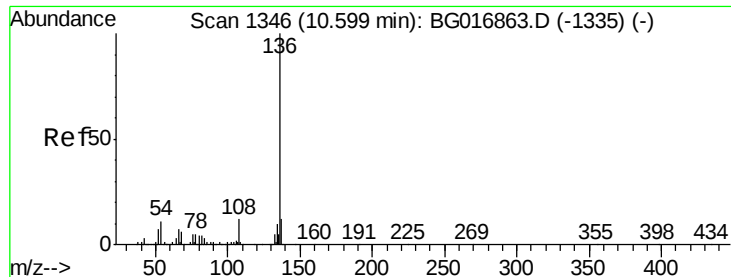
Tgt Ion:	70	Resp:	164645
Ion	Ratio	Lower	Upper
70	100		
42	72.0	61.5	92.3
101	10.8	9.8	14.6
130	21.7	20.2	30.4



#20
 3+4-Methylphenols
 Concen: 40.88 ng
 RT: 8.56 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion:	107	Resp:	210262
Ion	Ratio	Lower	Upper
107	100		
108	86.3	76.6	116.6
77	38.2	19.0	59.0
79	34.6	15.0	55.0

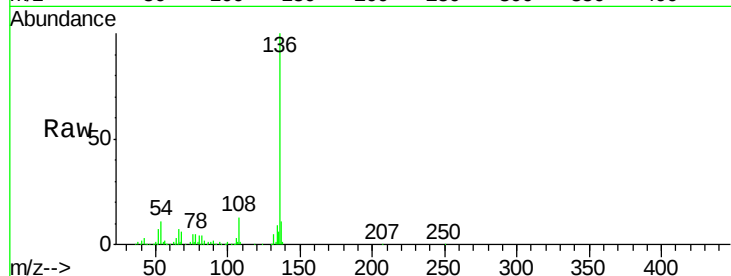




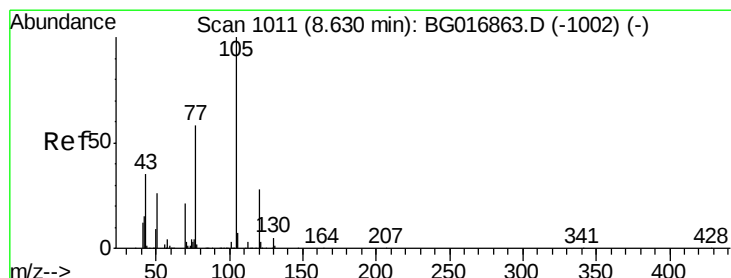
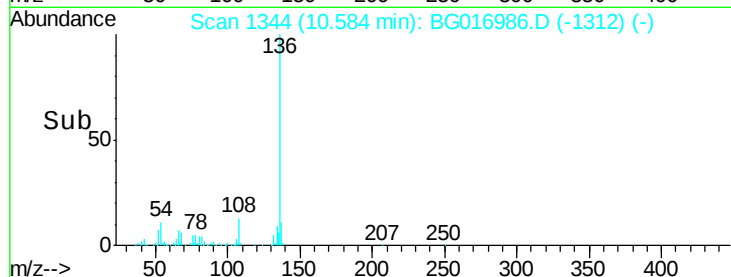
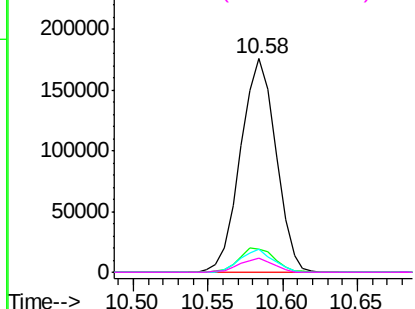
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	288920
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.8
54	10.6	8.7	13.1
68	6.4	5.0	7.4

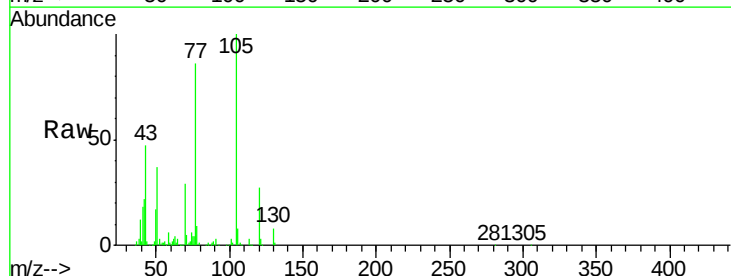


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

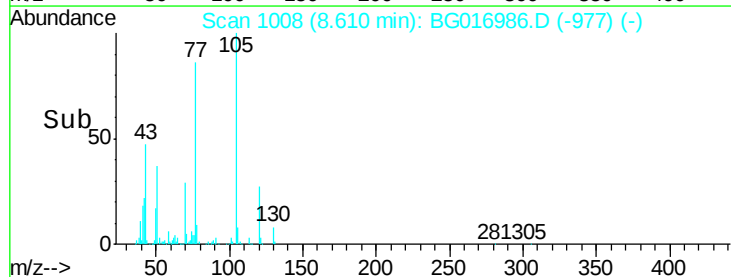
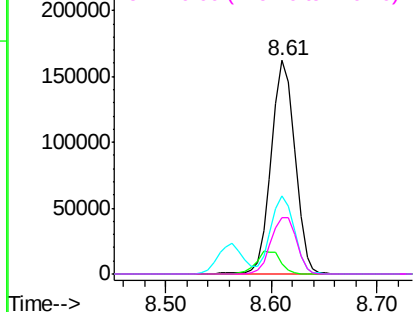


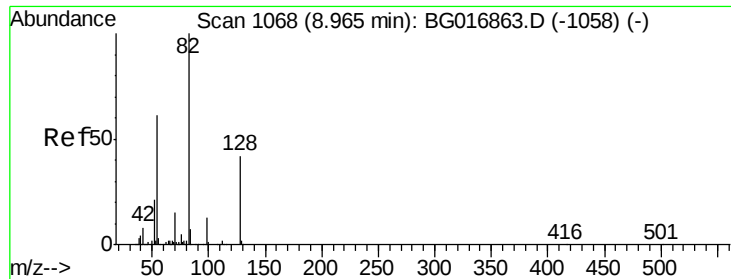
#22
Acetophenone
Concen: 36.71 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion:	105	Resp:	252639
Ion	Ratio	Lower	Upper
105	100		
71	4.7	2.8	4.2#
51	36.9	29.4	44.2
120	26.6	22.2	33.4



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

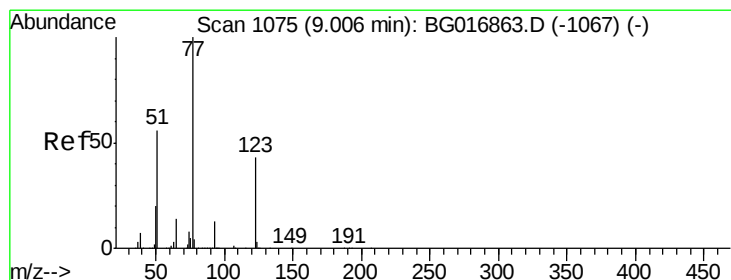
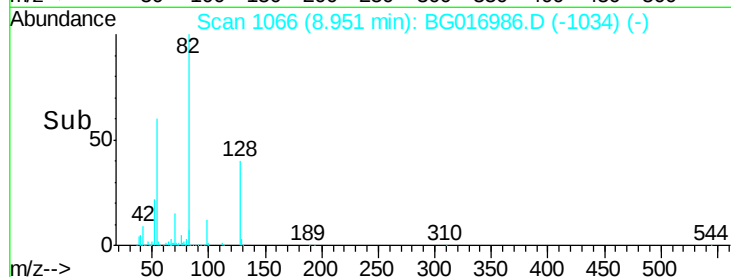
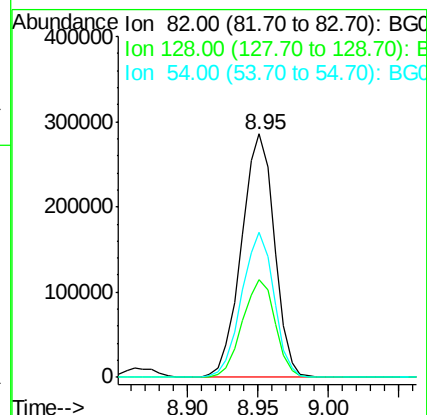
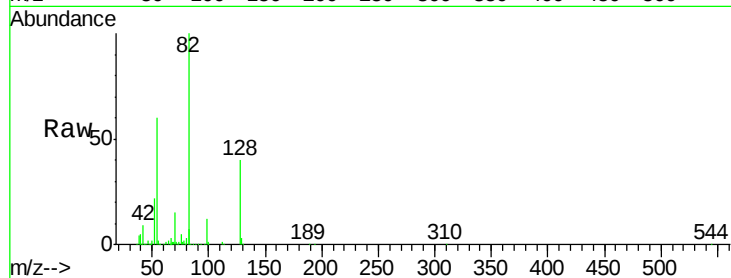




#23
 Nitrobenzene-d5
 Concen: 78.97 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

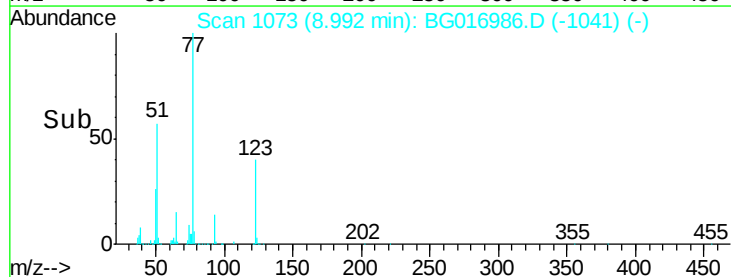
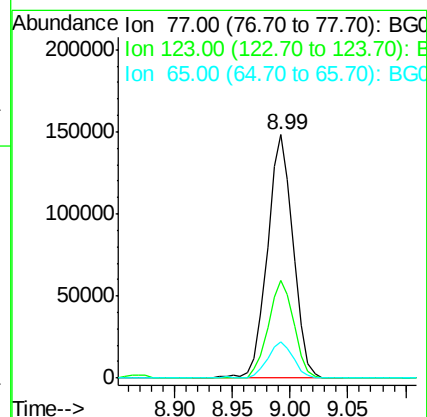
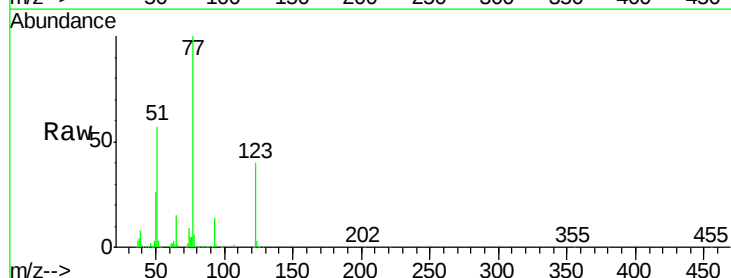
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

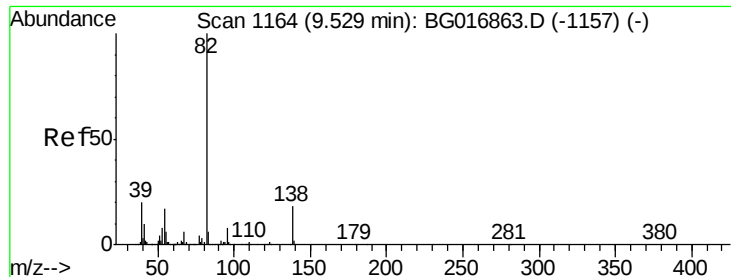
Tgt Ion: 82 Resp: 467016
 Ion Ratio Lower Upper
 82 100
 128 40.2 33.2 49.8
 54 59.8 48.6 72.8



#24
 Nitrobenzene
 Concen: 38.56 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion: 77 Resp: 230290
 Ion Ratio Lower Upper
 77 100
 123 40.0 34.0 51.0
 65 15.0 11.2 16.8





#25

Isophorone

Concen: 36.29 ng

RT: 9.51 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

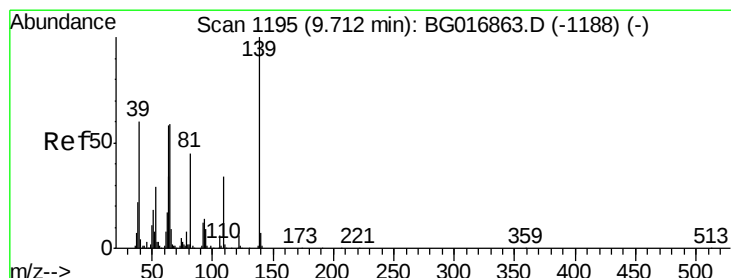
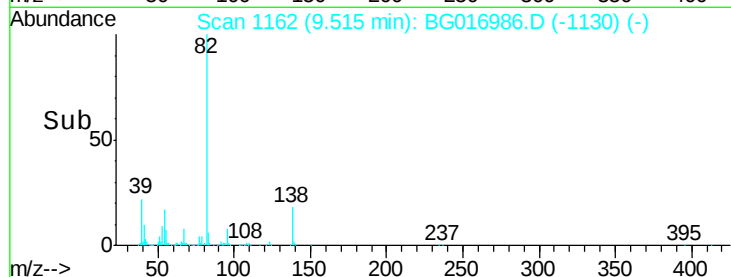
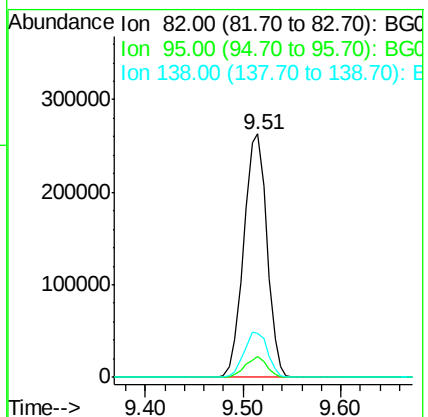
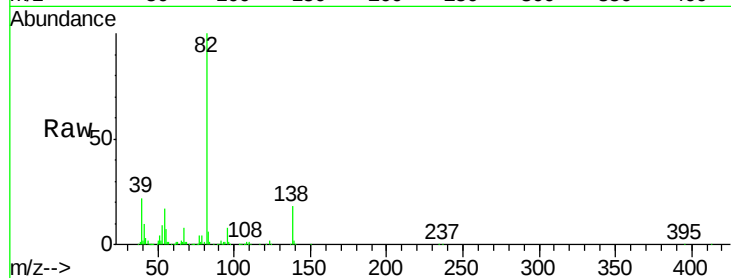
Tgt Ion: 82 Resp: 433333

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

138 18.1 14.7 22.1



#26

2-Nitrophenol

Concen: 40.65 ng

RT: 9.70 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

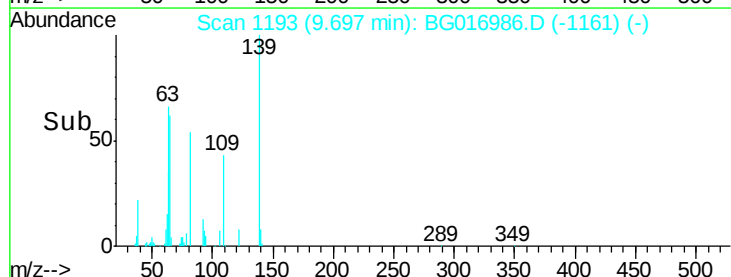
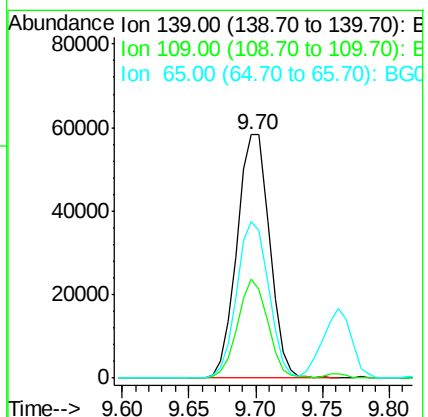
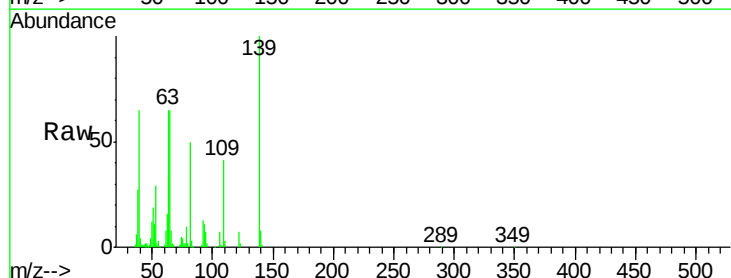
Tgt Ion: 139 Resp: 98855

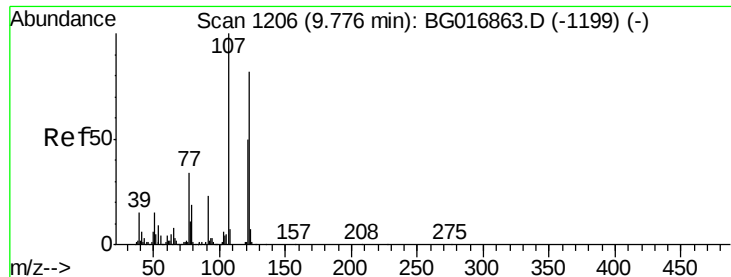
Ion Ratio Lower Upper

139 100

109 40.8 27.4 41.2

65 64.5 47.1 70.7

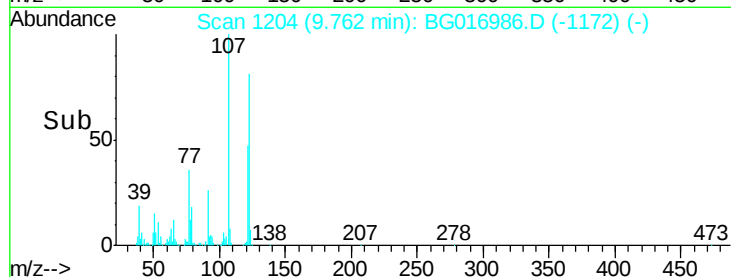
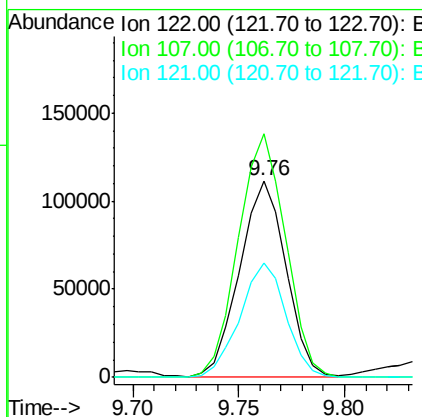
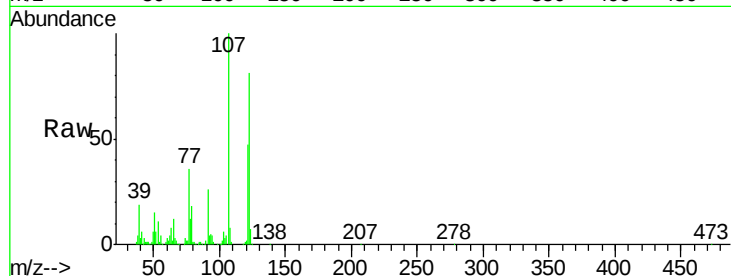




#27
 2,4-Dimethylphenol
 Concen: 38.06 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

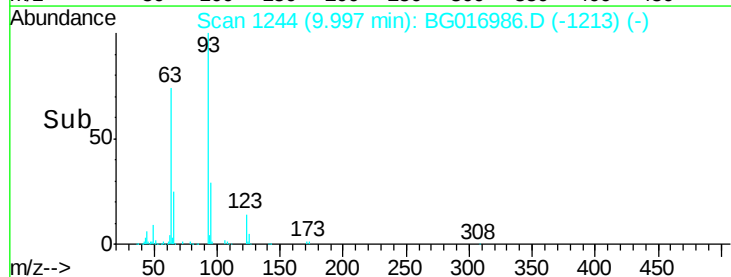
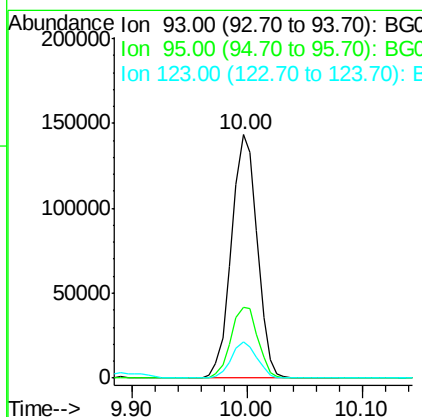
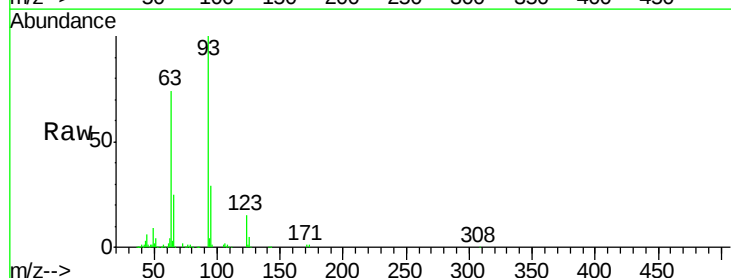
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

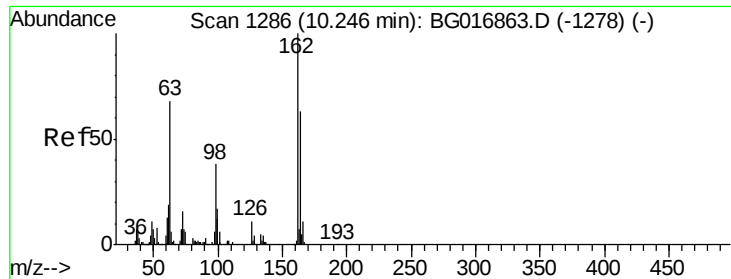
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.1	97.6	146.4
121	58.5	48.4	72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.85 ng
 RT: 10.00 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	24.8	37.2
123	14.7	12.6	19.0

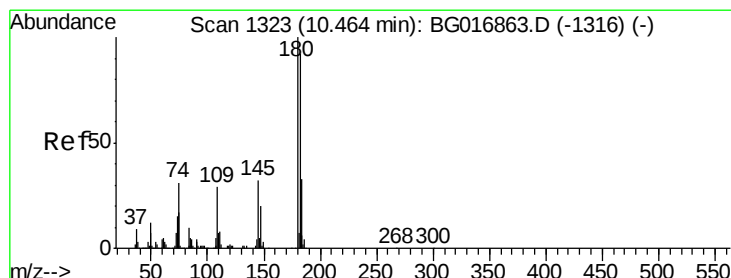
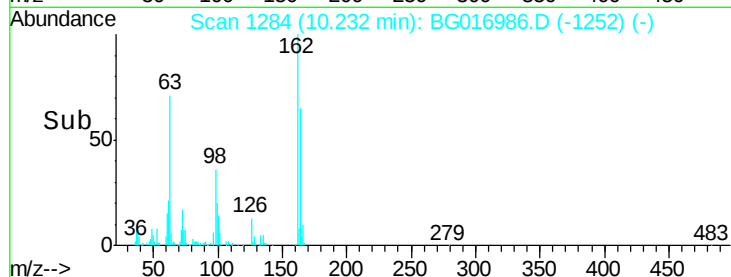
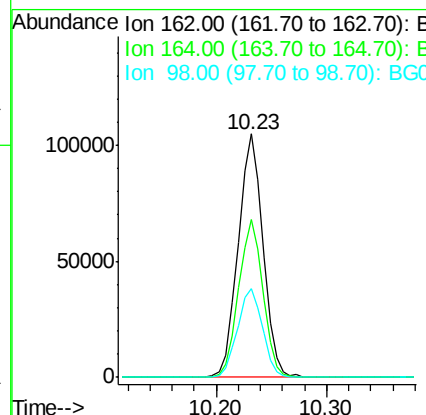
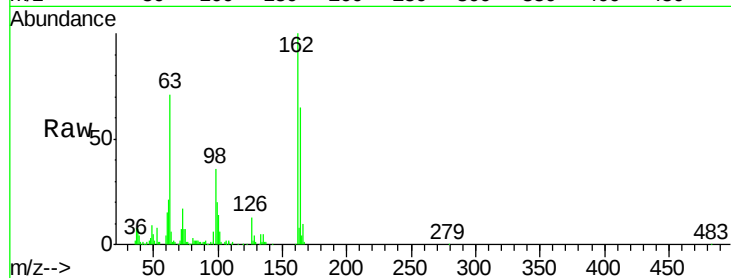




#29
2,4-Dichlorophenol
Concen: 40.07 ng
RT: 10.23 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

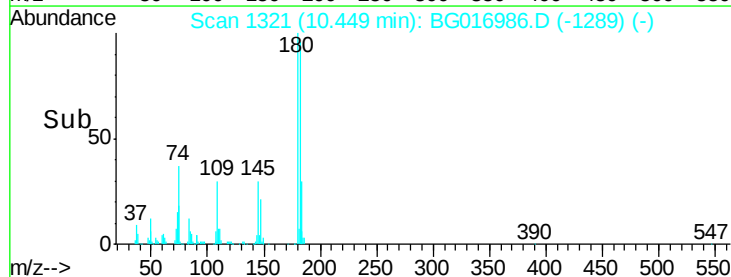
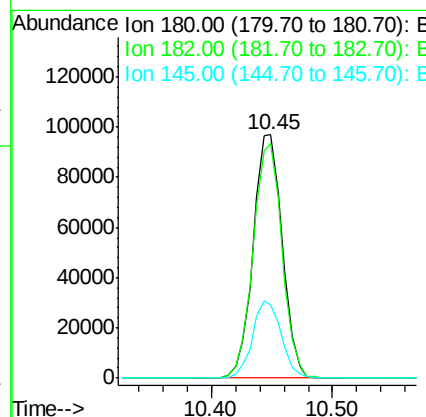
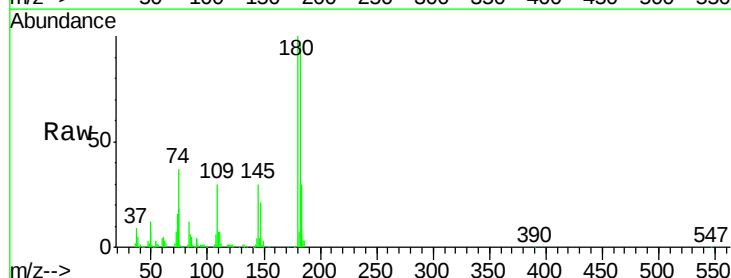
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

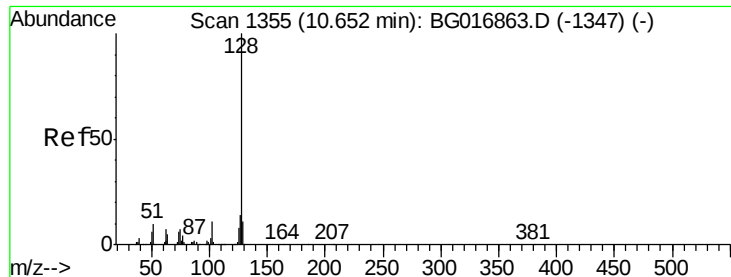
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.9	82.9
98	36.4	18.4	58.4



#30
1,2,4-Trichlorobenzene
Concen: 36.85 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.8	110.8
145	30.3	25.4	38.0

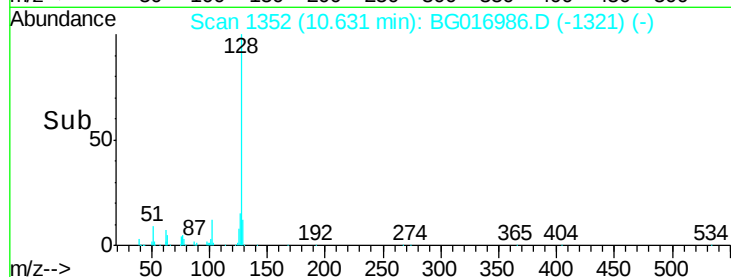
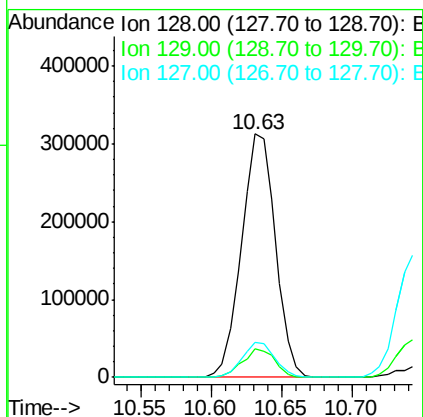
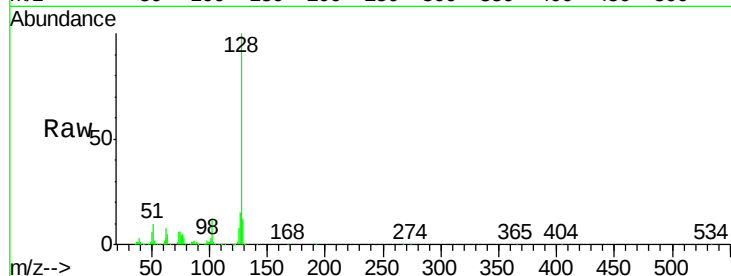




#31
Naphthalene
Concen: 36.62 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

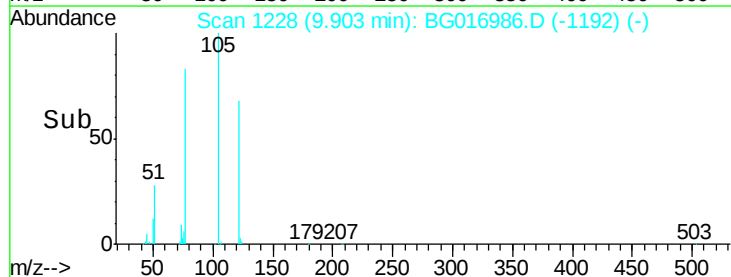
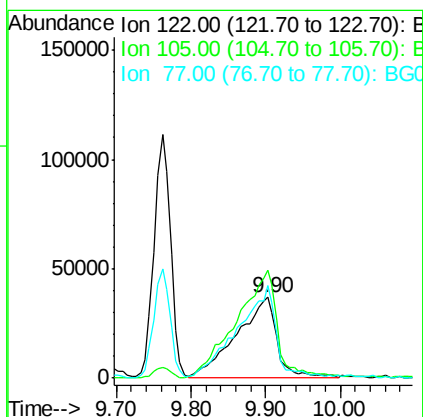
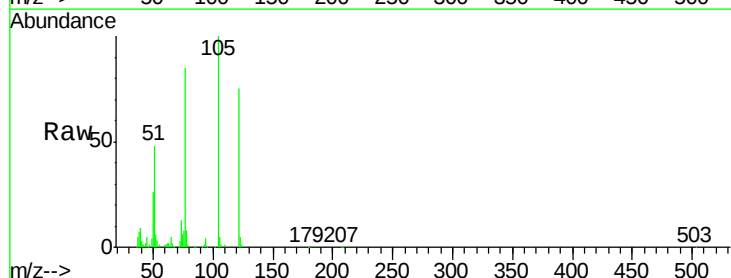
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

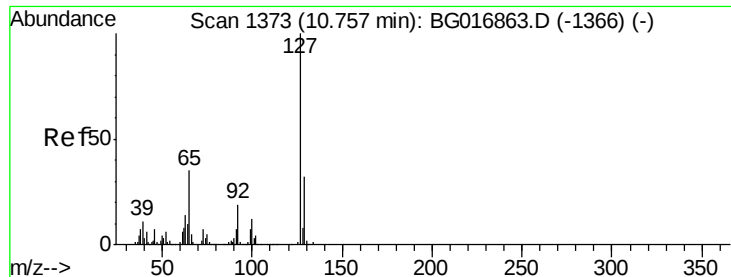
Tgt Ion:128 Resp: 526184
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 14.5 10.9 16.3



#32
Benzoic acid
Concen: 51.77 ng
RT: 9.90 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion:122 Resp: 141307
Ion Ratio Lower Upper
122 100
105 134.0 123.2 163.2
77 114.4 93.0 133.0

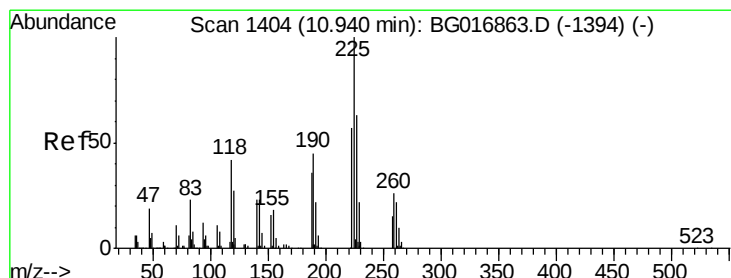
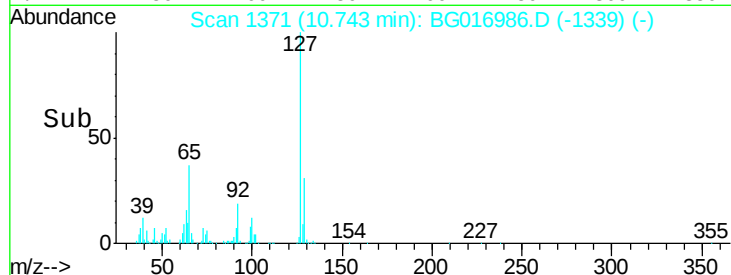
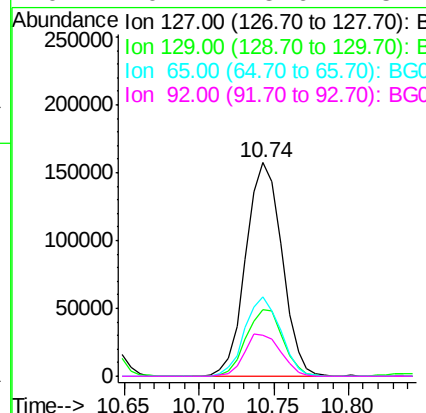
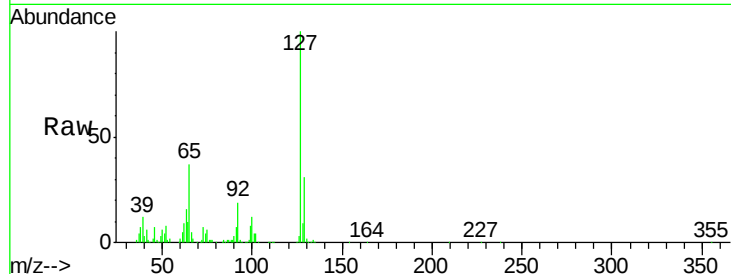




#33
4-Chloroaniline
Concen: 39.76 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

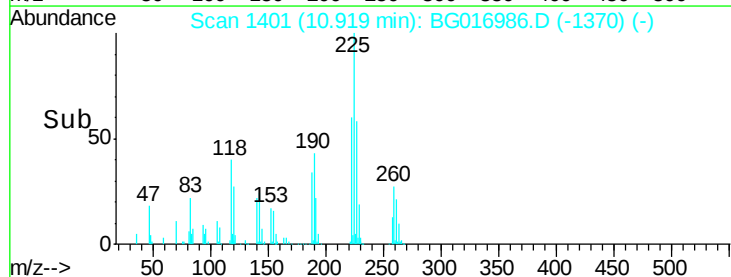
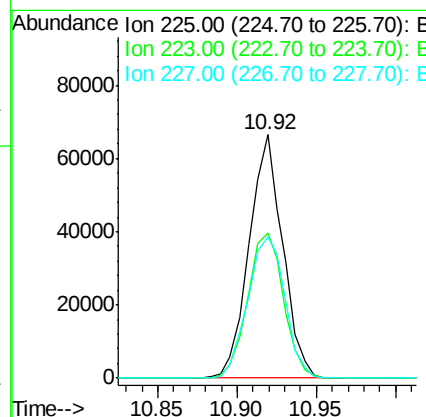
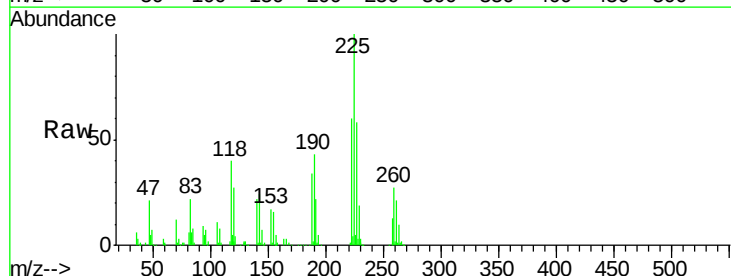
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

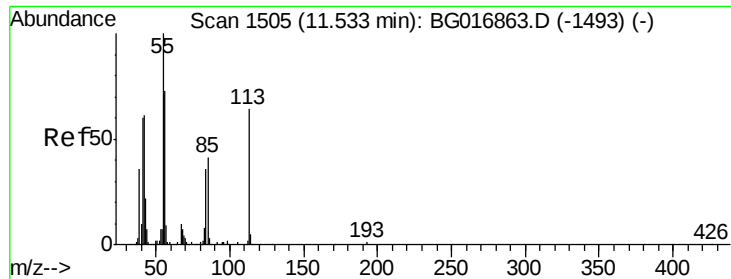
Tgt Ion:	127	Resp:	263878
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.8	38.6
65	37.3	28.2	42.2
92	19.2	15.6	23.4



#34
Hexachlorobutadiene
Concen: 35.31 ng
RT: 10.92 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion:	225	Resp:	97430
Ion	Ratio	Lower	Upper
225	100		
223	59.8	45.8	68.6
227	58.1	50.7	76.1

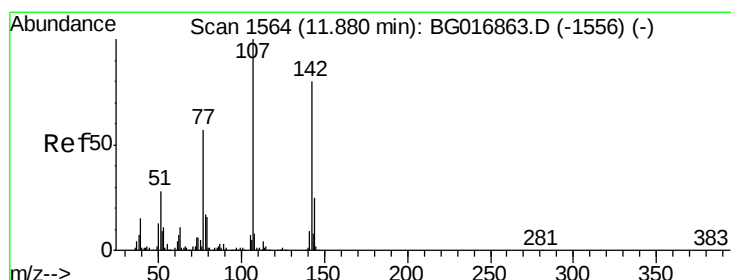
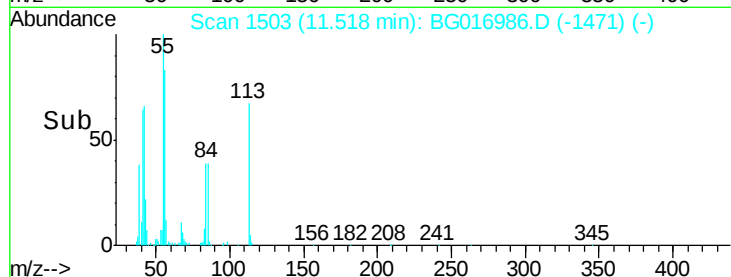
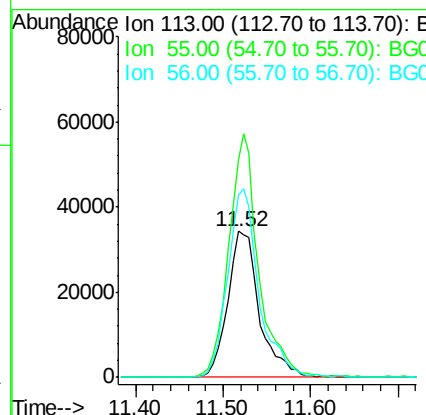
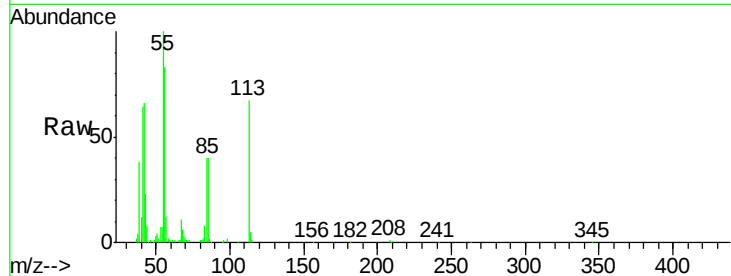




#35
 Caprolactam
 Concen: 39.31 ng
 RT: 11.52 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

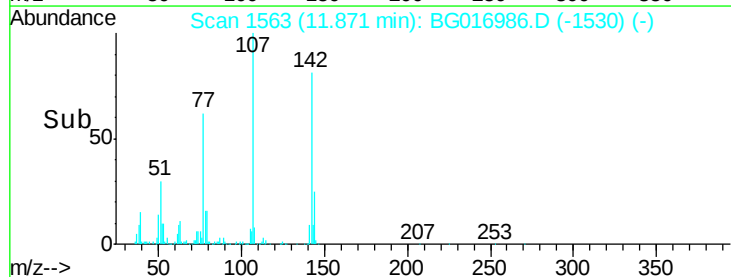
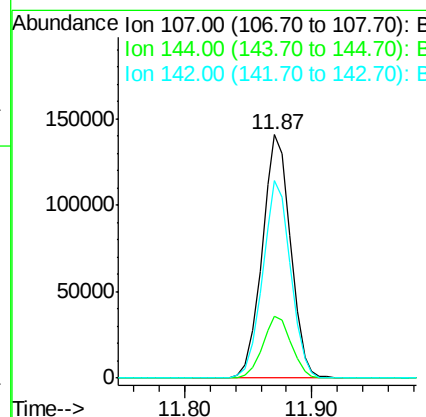
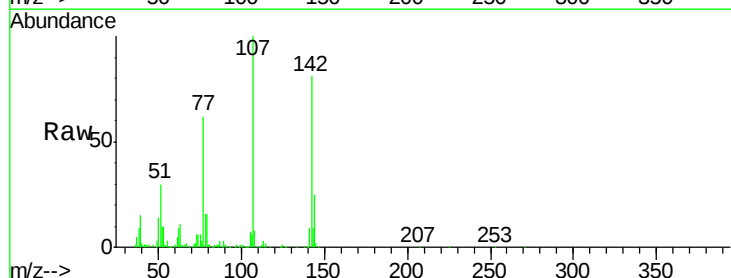
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 84897
 Ion Ratio Lower Upper
 113 100
 55 149.8 137.1 177.1
 56 124.6 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.11 ng
 RT: 11.87 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion:107 Resp: 218864
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 81.0 64.2 96.2

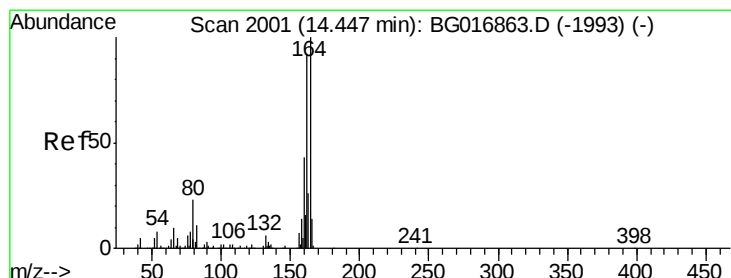
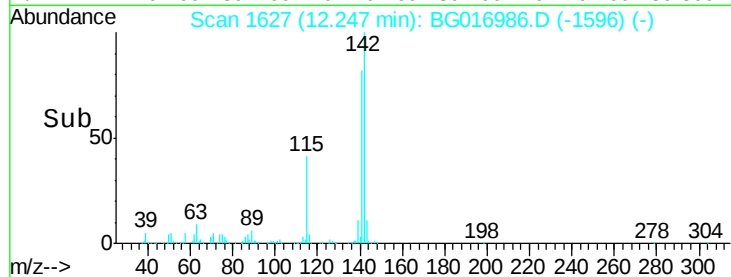
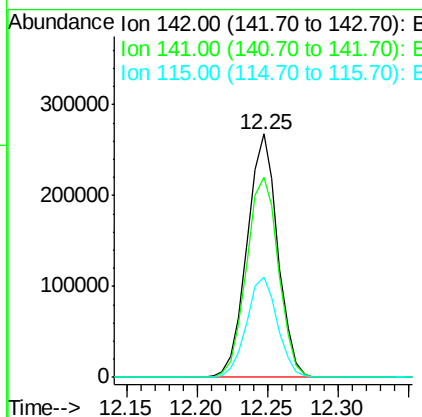
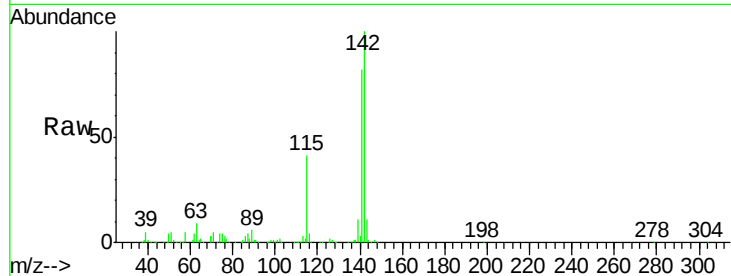




#37
2-Methylnaphthalene
Concen: 37.28 ng
RT: 12.25 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

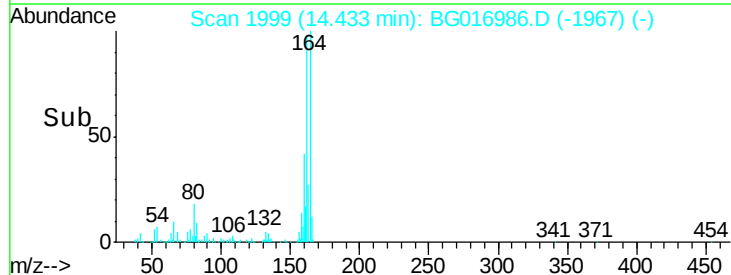
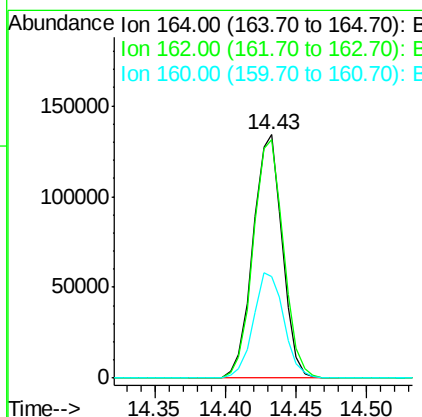
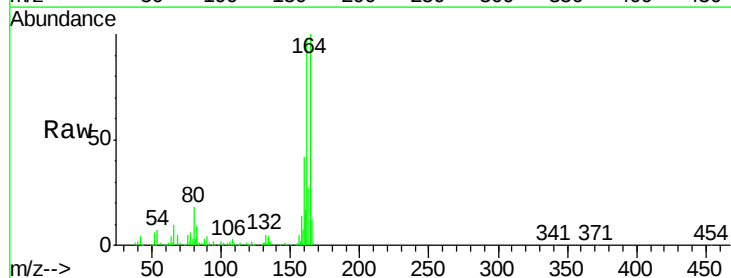
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

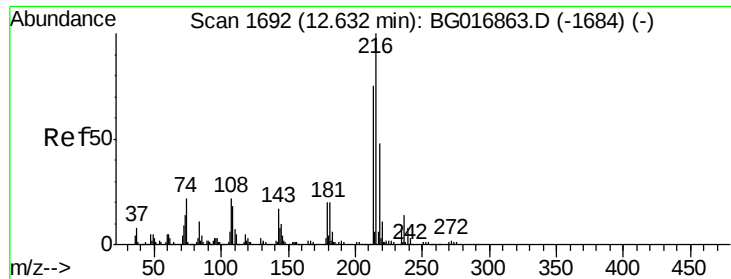
Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.4	69.9	104.9
115	41.3	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	74.0	111.0
160	41.9	34.7	52.1

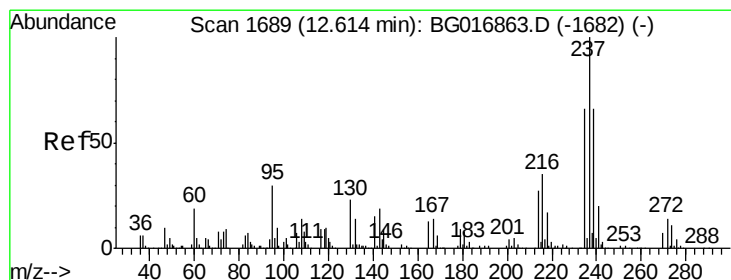
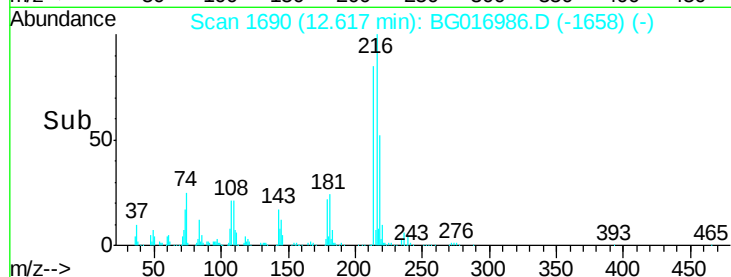
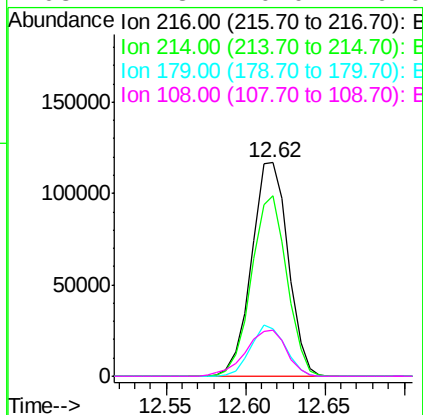
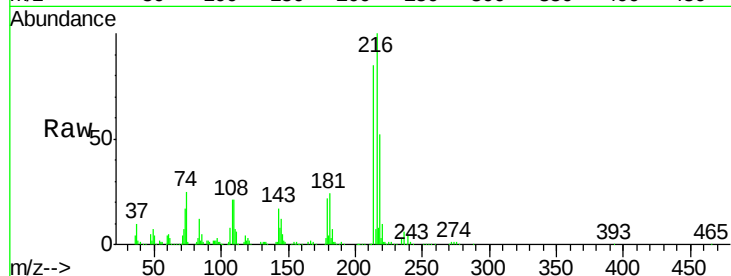




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.48 ng
 RT: 12.62 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

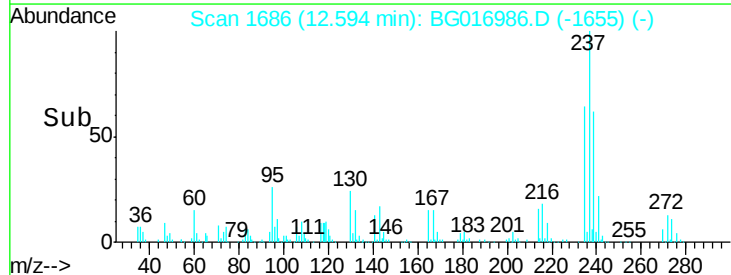
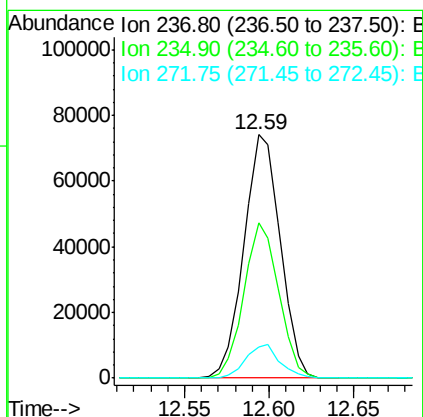
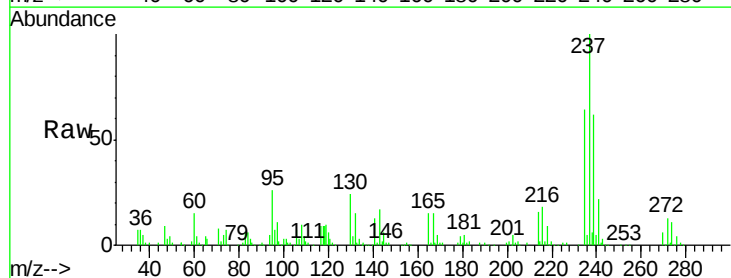
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

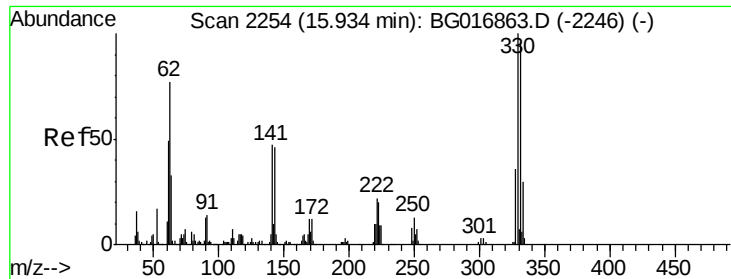
Tgt Ion:	216	Resp:	187325
Ion	Ratio	Lower	Upper
216	100		
214	81.7	0.0	0.0#
179	22.7	0.0	0.0#
108	24.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 32.63 ng
 RT: 12.59 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion:	237	Resp:	111263
Ion	Ratio	Lower	Upper
237	100		
235	64.0	45.5	85.5
272	12.9	0.0	33.7

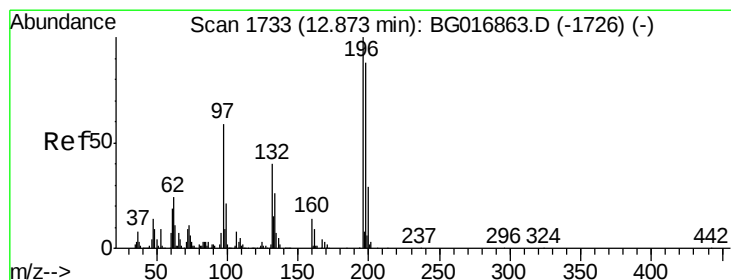
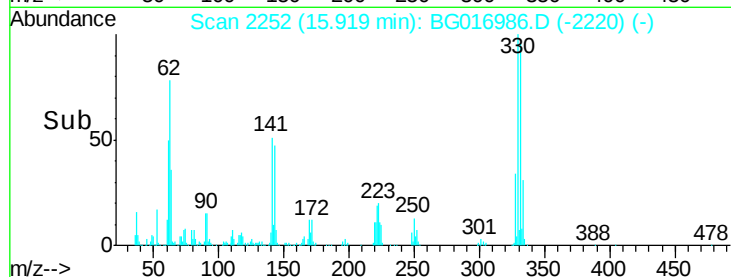
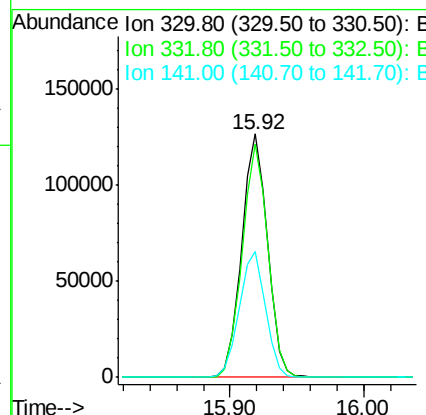
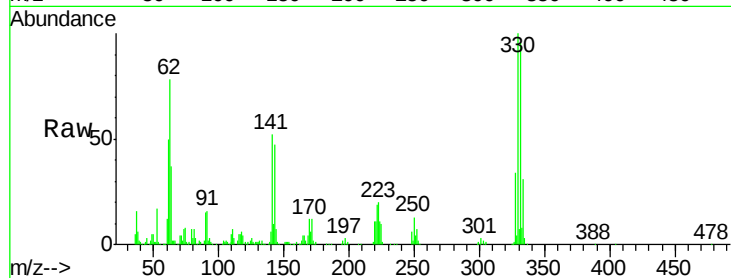




#41
 2,4,6-Tribromophenol
 Concen: 86.47 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

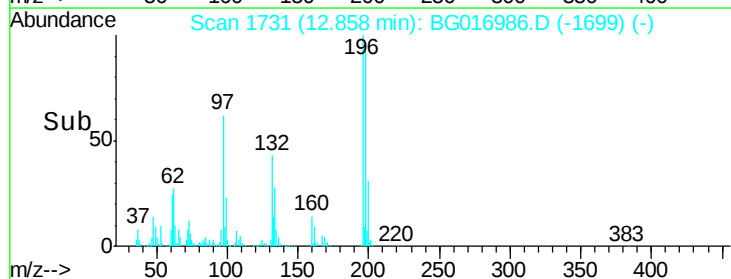
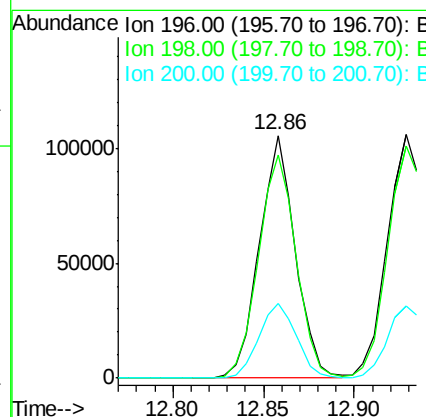
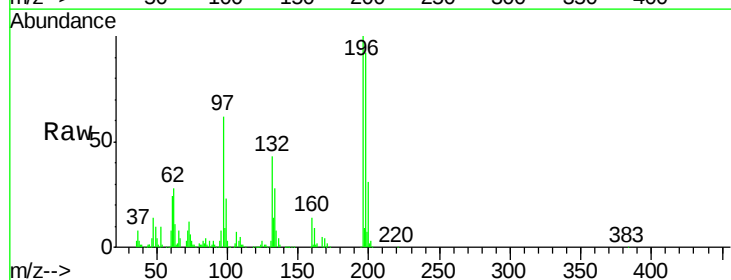
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

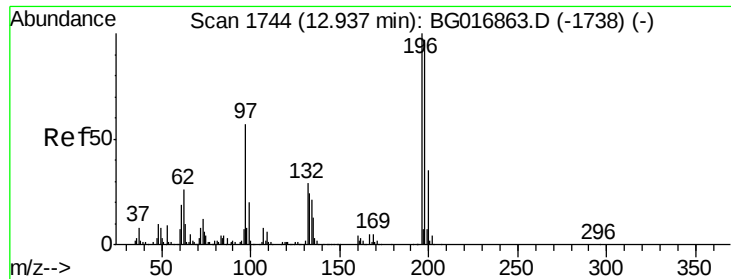
Tgt Ion:330 Resp: 169528
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 52.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 39.08 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion:196 Resp: 146214
 Ion Ratio Lower Upper
 196 100
 198 92.2 70.7 106.1
 200 30.9 23.0 34.4

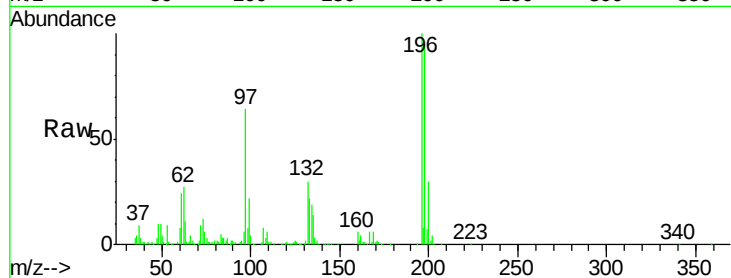




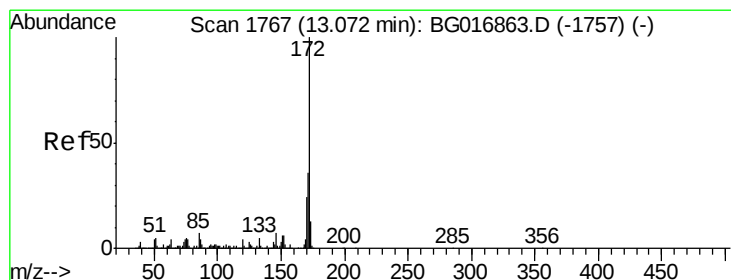
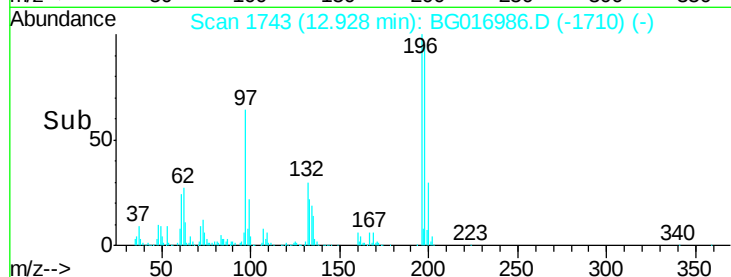
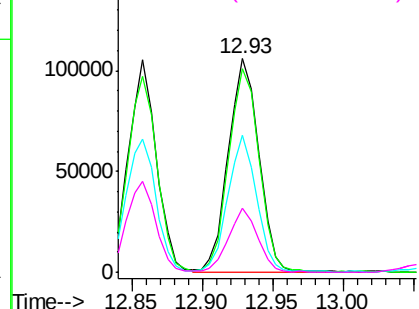
#43
2,4,5-Trichlorophenol
Concen: 40.31 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 160085
Ion Ratio Lower Upper
196 100
198 95.2 77.5 116.3
97 63.8 45.9 68.9
132 29.8 23.7 35.5

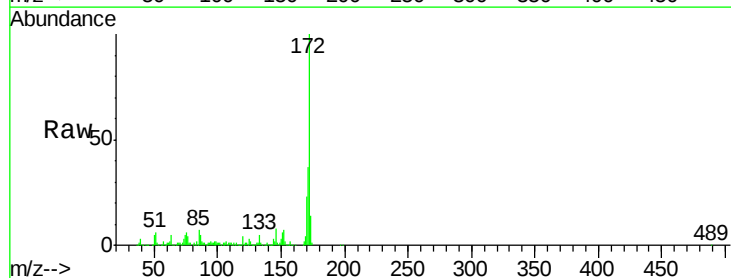


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

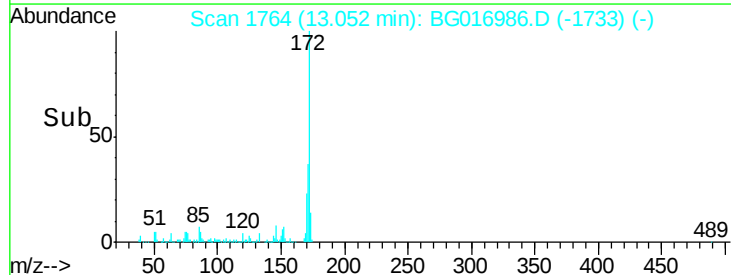
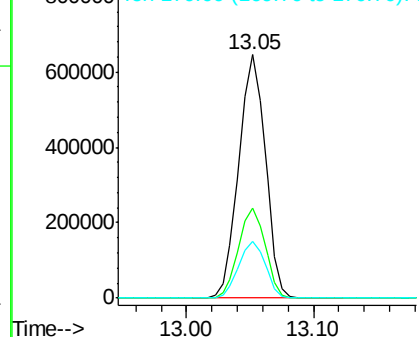


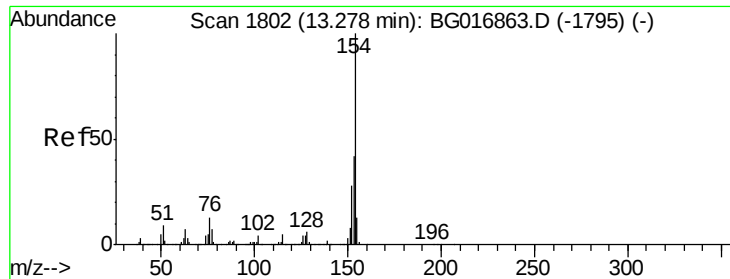
#44
2-Fluorobiphenyl
Concen: 72.46 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion:172 Resp: 937805
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.4
170 23.4 19.0 28.4



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

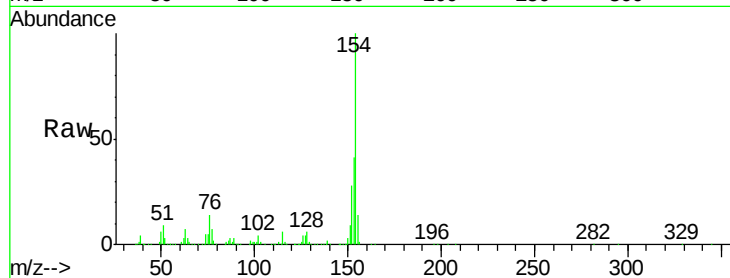




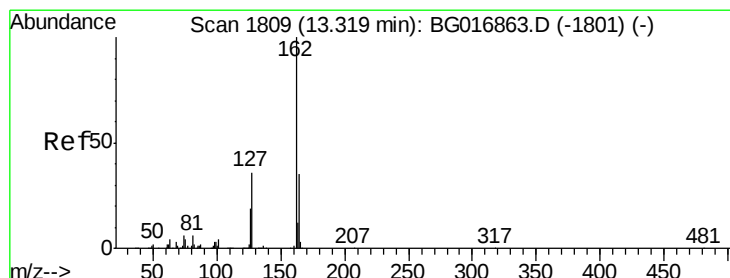
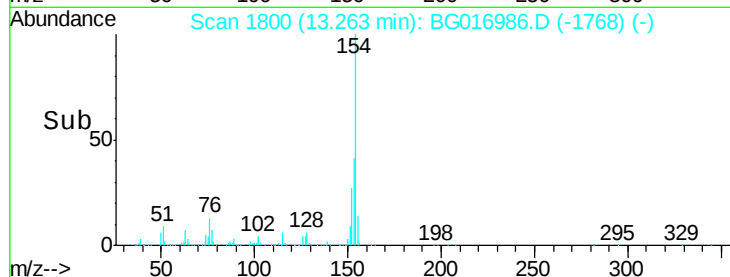
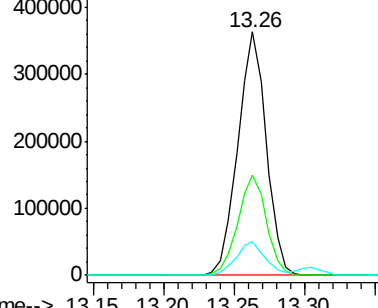
#45
 1,1'-Biphenyl
 Concen: 36.62 ng
 RT: 13.26 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.0	62.0
76	13.6	0.0	33.3

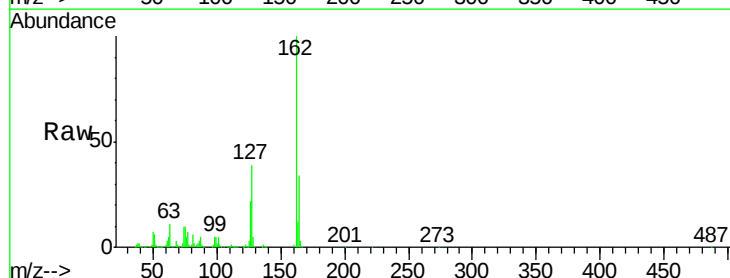


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

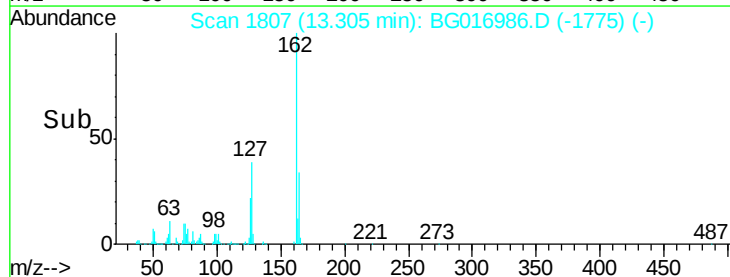
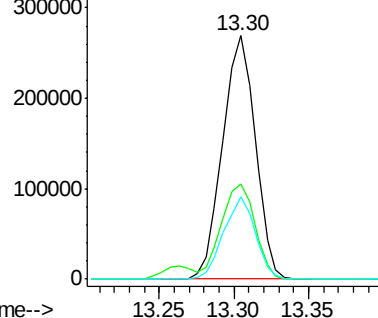


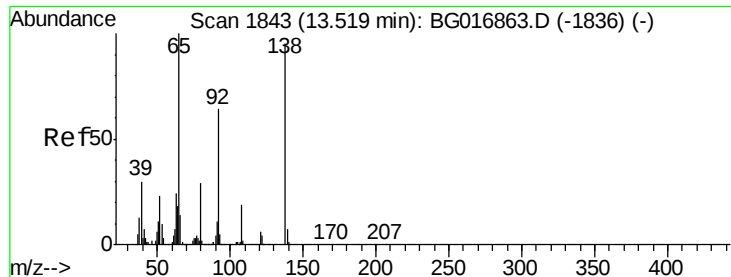
#46
 2-Chloronaphthalene
 Concen: 36.81 ng
 RT: 13.30 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG016986.D
 Acq: 9 May 2015 10:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.8	27.8	41.6



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

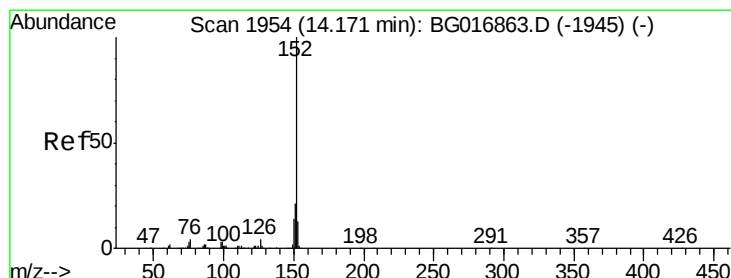
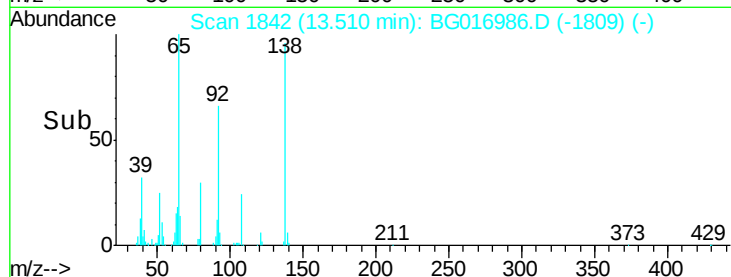
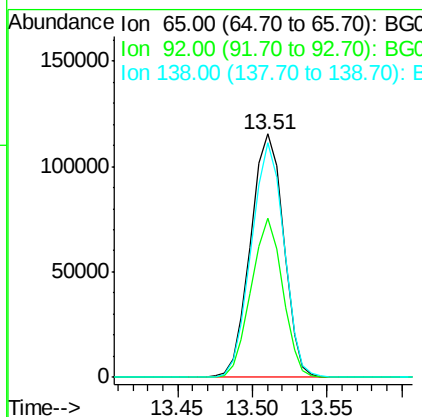
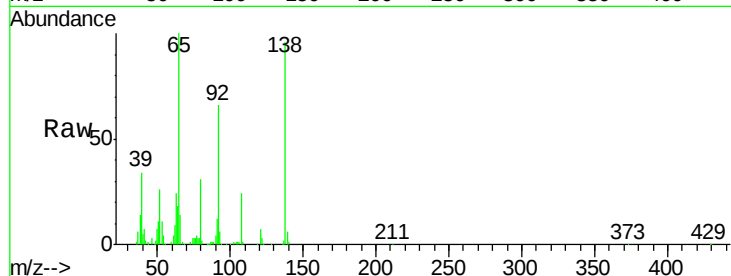




#47
2-Nitroaniline
Concen: 45.89 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

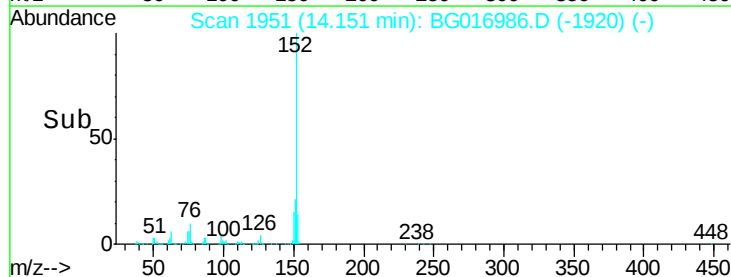
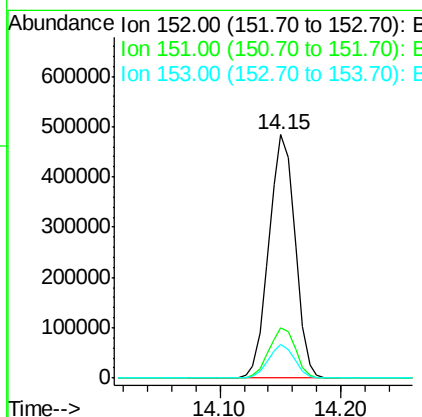
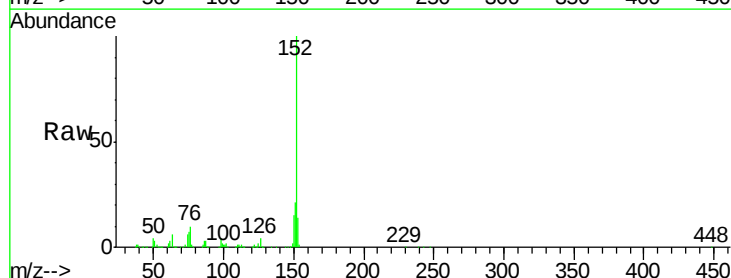
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

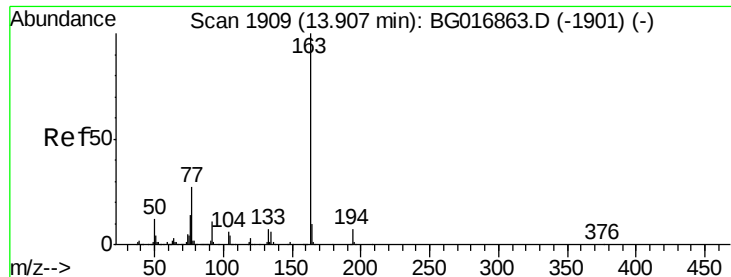
Tgt Ion: 65 Resp: 176898
Ion Ratio Lower Upper
65 100
92 65.6 51.0 76.6
138 96.4 76.2 114.2



#48
Acenaphthylene
Concen: 37.42 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion: 152 Resp: 721734
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 13.8 10.7 16.1

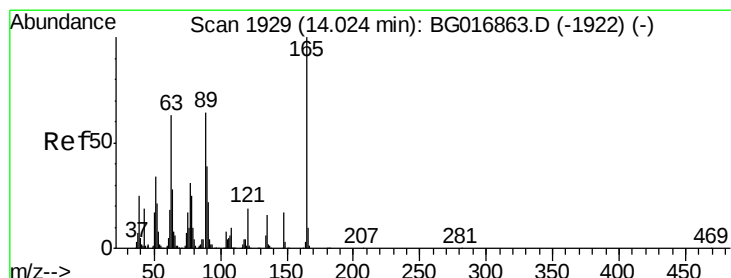
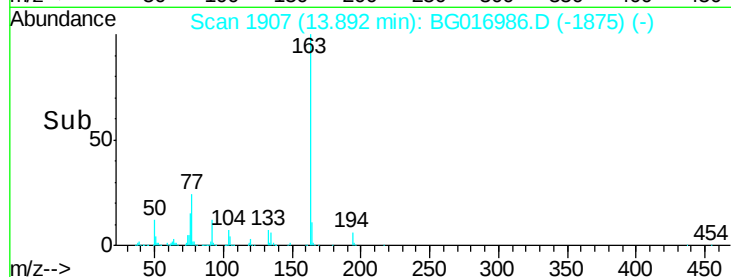
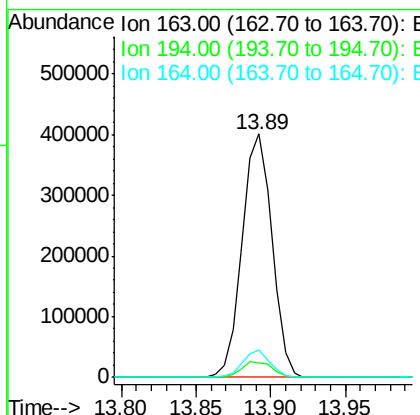
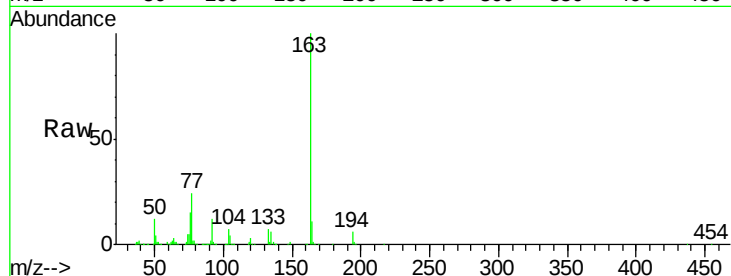




#49
Dimethylphthalate
Concen: 38.10 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

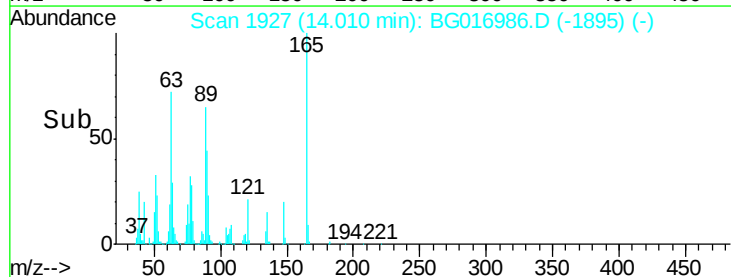
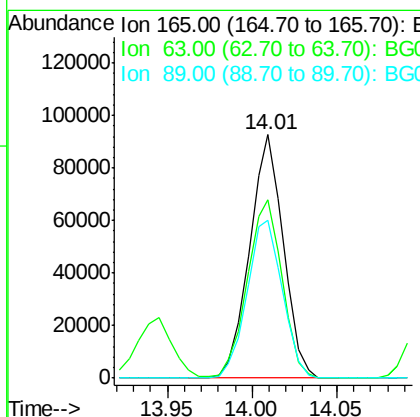
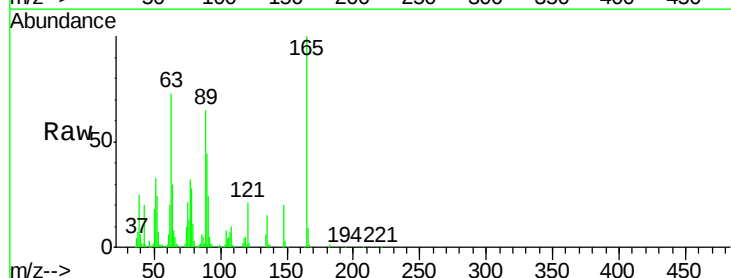
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 555579
Ion Ratio Lower Upper
163 100
194 5.9 5.2 7.8
164 11.0 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 42.28 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion:165 Resp: 128010
Ion Ratio Lower Upper
165 100
63 73.0 50.9 76.3
89 64.9 51.4 77.2





#51

Acenaphthene

Concen: 36.94 ng

RT: 14.49 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

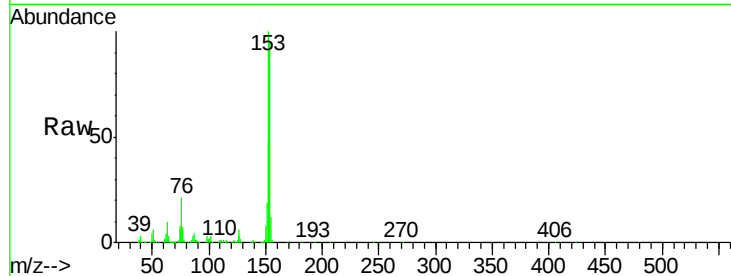
Tgt Ion:154 Resp: 423994

Ion Ratio Lower Upper

154 100

153 105.8 84.2 126.4

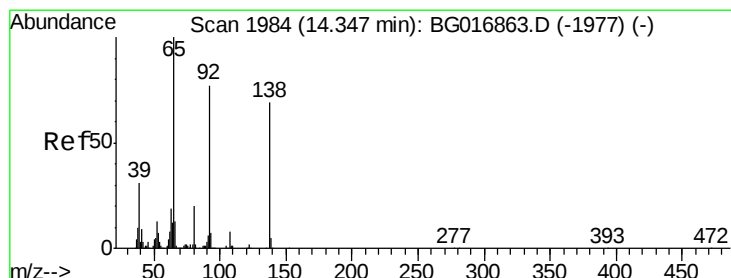
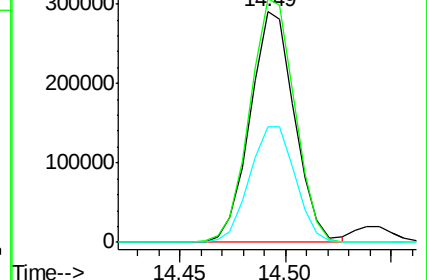
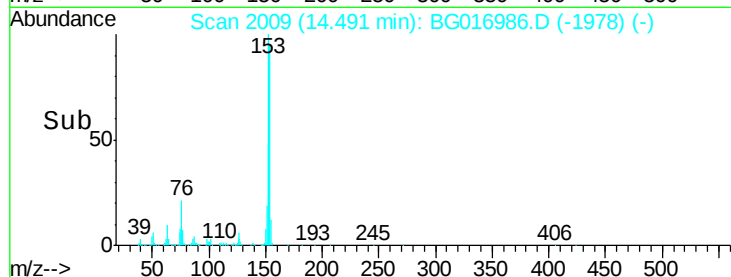
152 50.4 40.2 60.2



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: 43.92 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

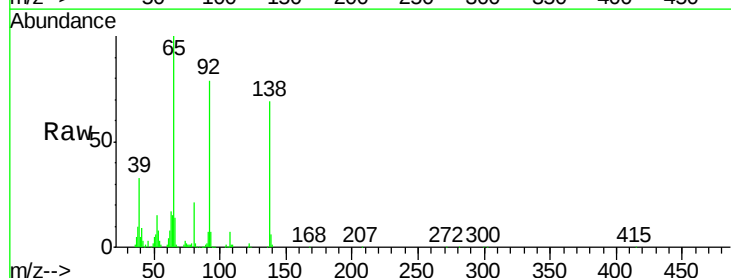
Tgt Ion:138 Resp: 151309

Ion Ratio Lower Upper

138 100

108 10.6 9.5 14.3

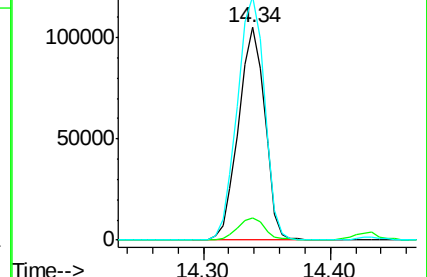
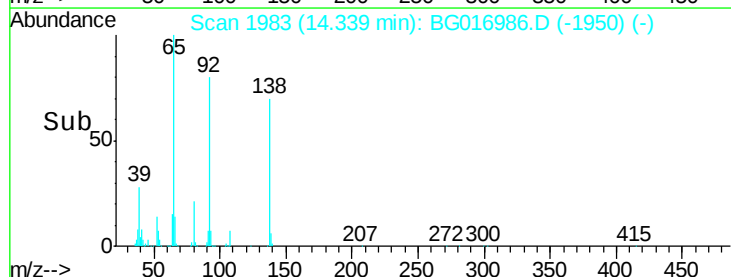
92 114.5 89.6 134.4

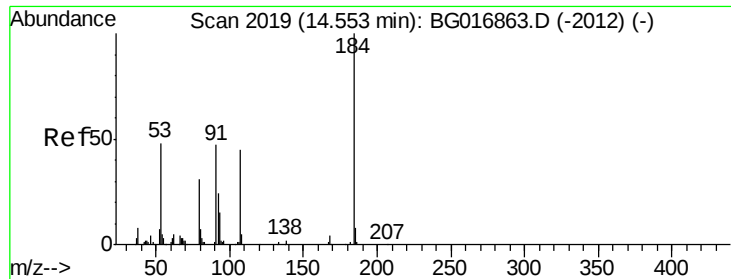


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

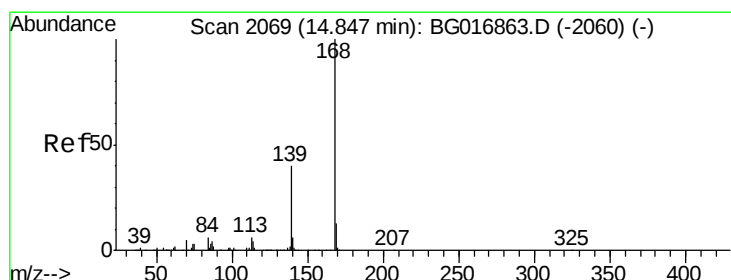
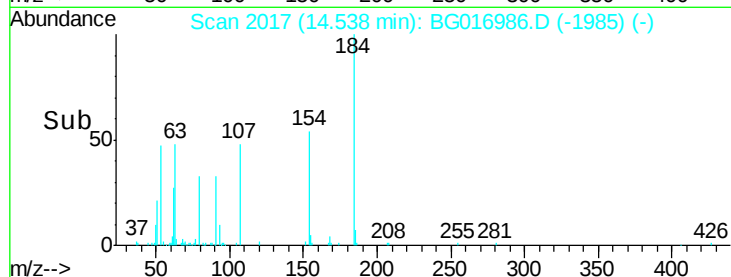
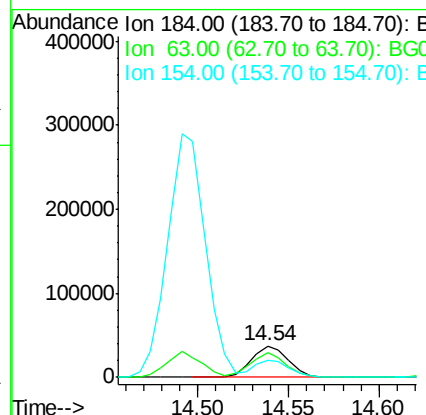
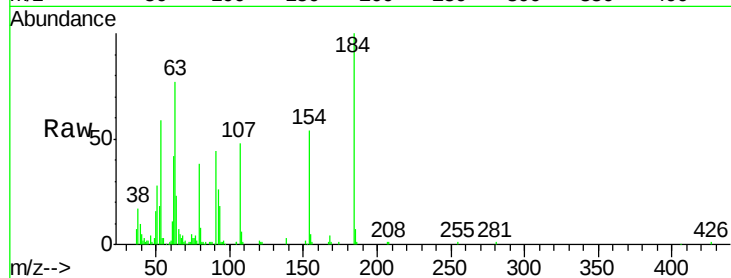




#53
2,4-Dinitrophenol
Concen: 37.76 ng
RT: 14.54 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

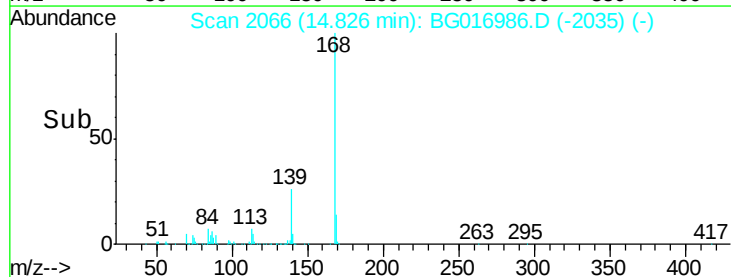
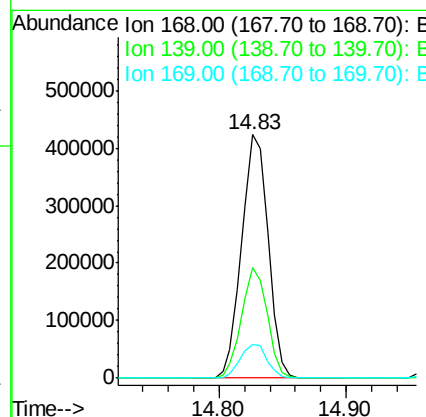
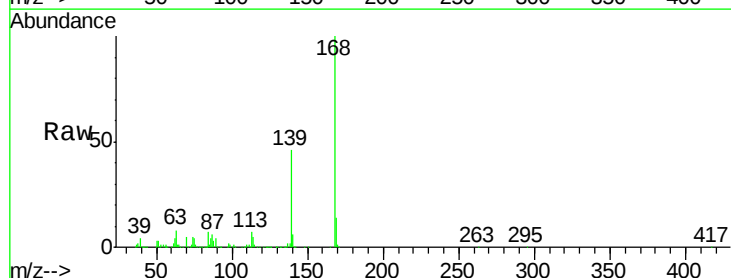
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

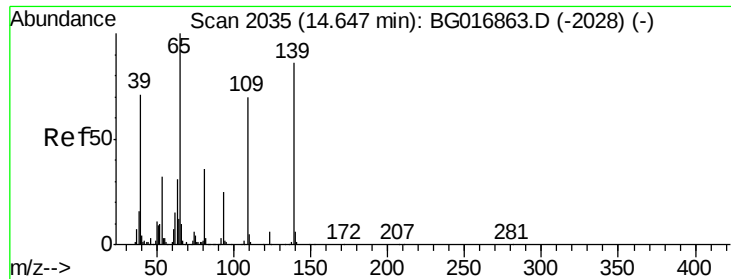
Tgt Ion:184 Resp: 52290
Ion Ratio Lower Upper
184 100
63 76.8 53.4 80.0
154 54.3 41.0 61.6



#54
Dibenzofuran
Concen: 37.54 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion:168 Resp: 611910
Ion Ratio Lower Upper
168 100
139 45.6 32.5 48.7
169 13.8 10.4 15.6





#55

4-Nitrophenol

Concen: 42.61 ng

RT: 14.64 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

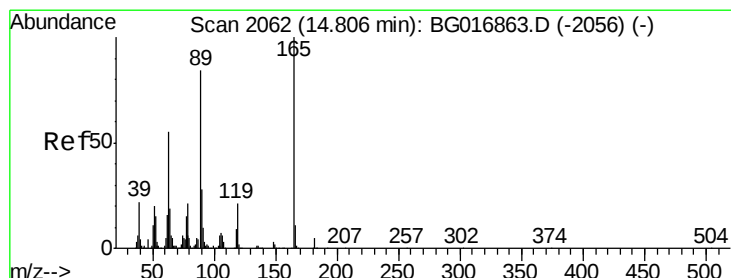
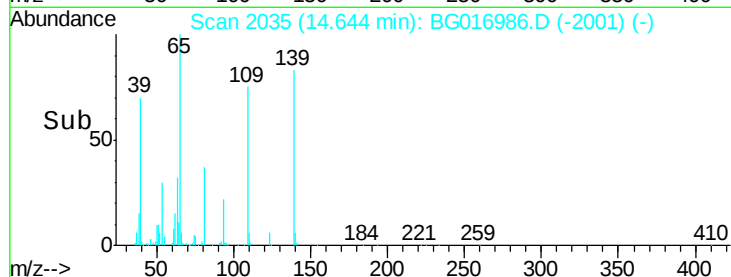
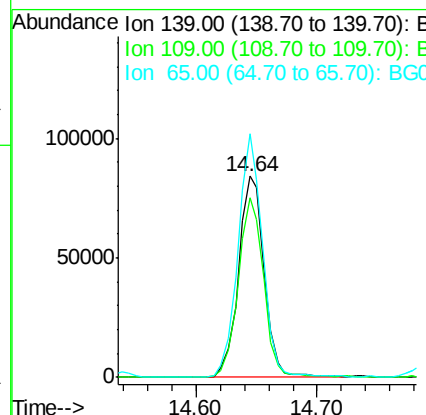
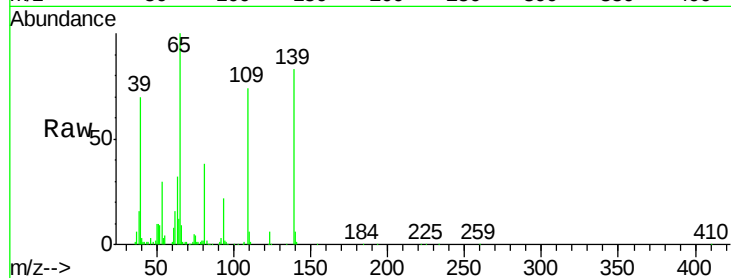
Tgt Ion:139 Resp: 124469

Ion Ratio Lower Upper

139 100

109 89.6 61.8 101.8

65 121.1 96.8 136.8



#56

2,4-Dinitrotoluene

Concen: 47.71 ng

RT: 14.80 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Tgt Ion:165 Resp: 184821

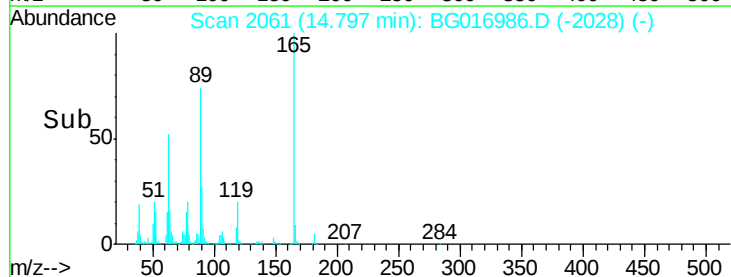
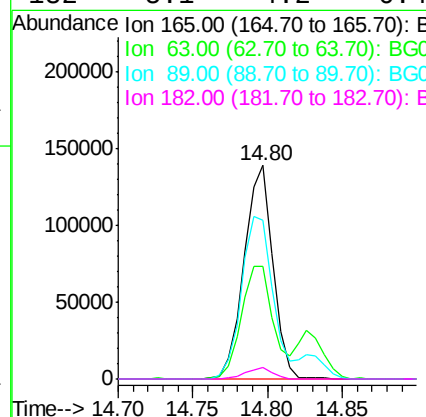
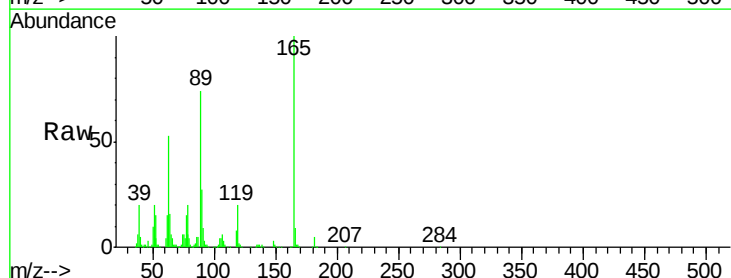
Ion Ratio Lower Upper

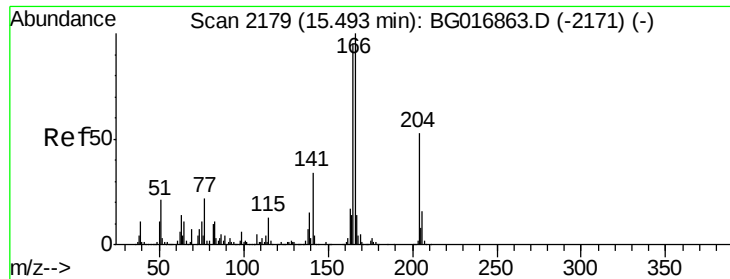
165 100

63 52.7 44.2 66.4

89 74.3 67.2 100.8

182 5.1 4.2 6.4





#57

Fluorene

Concen: 38.34 ng

RT: 15.48 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

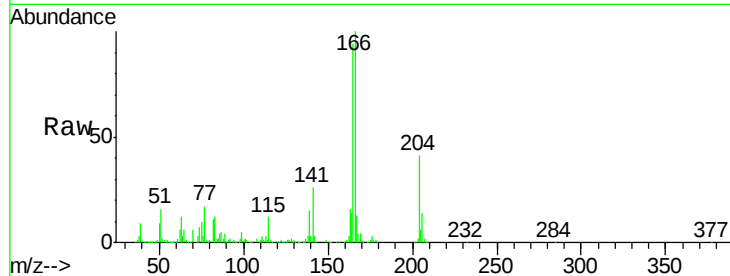
Tgt Ion:166 Resp: 553272

Ion Ratio Lower Upper

166 100

165 94.2 76.1 114.1

167 13.2 11.4 17.2

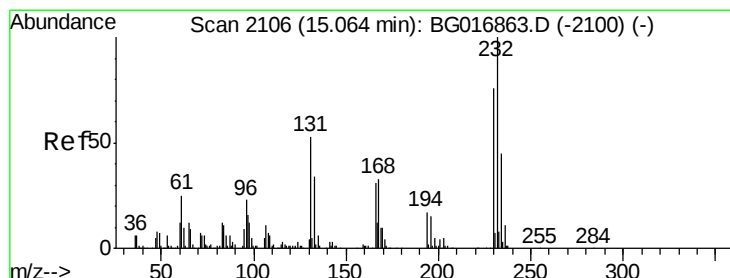
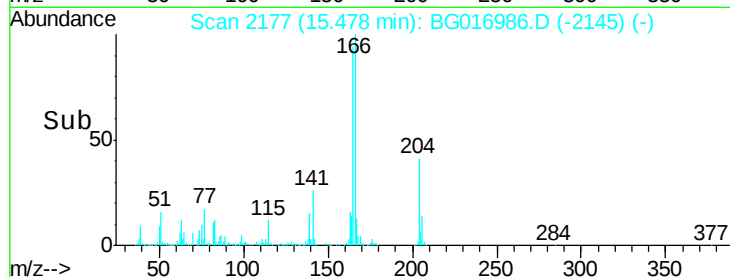
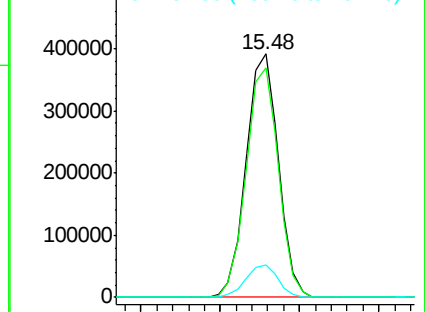


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.37 ng

RT: 15.06 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Tgt Ion:232 Resp: 138352

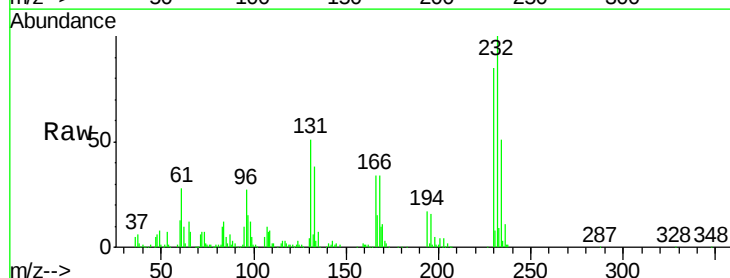
Ion Ratio Lower Upper

232 100

131 52.8 0.1 0.1#

130 3.7 0.0 0.0#

166 33.0 0.0 0.0#



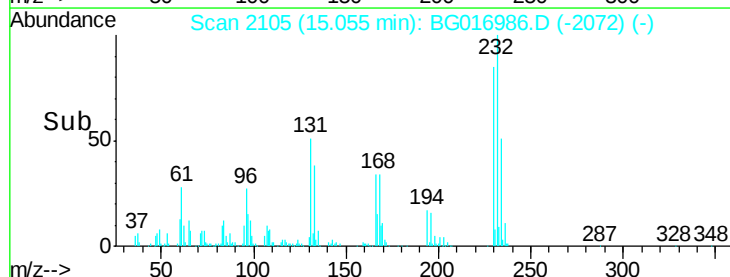
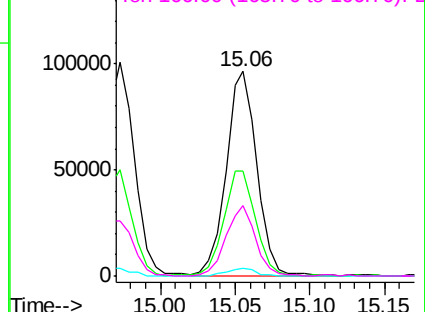
Abundance

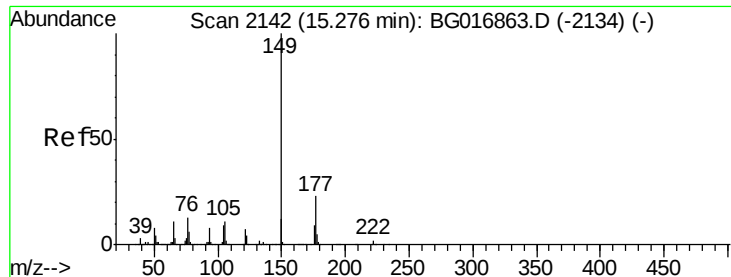
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

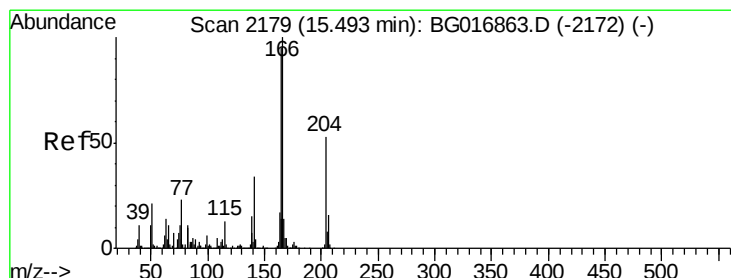
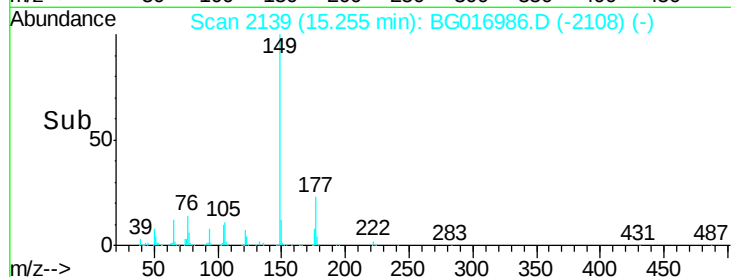
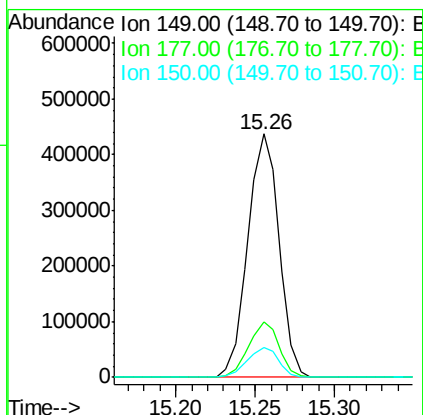
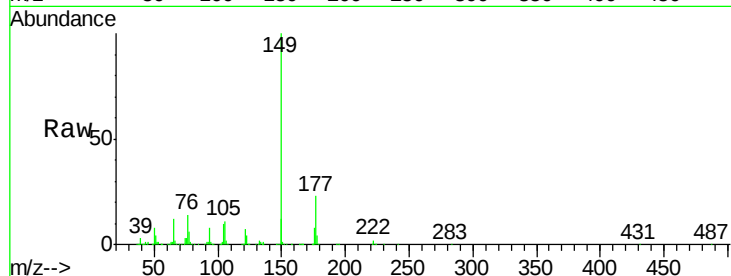




#59
Diethylphthalate
Concen: 38.88 ng
RT: 15.26 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

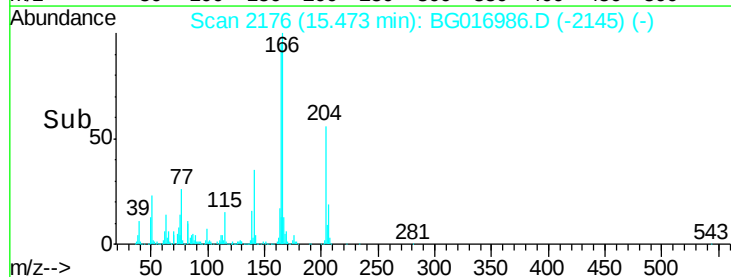
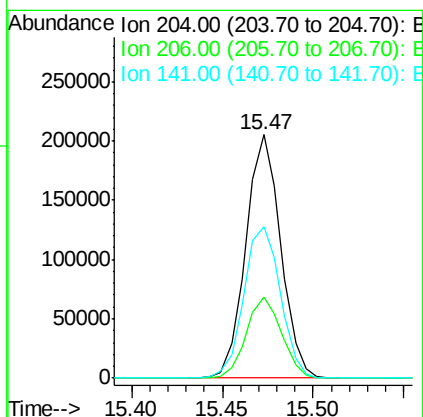
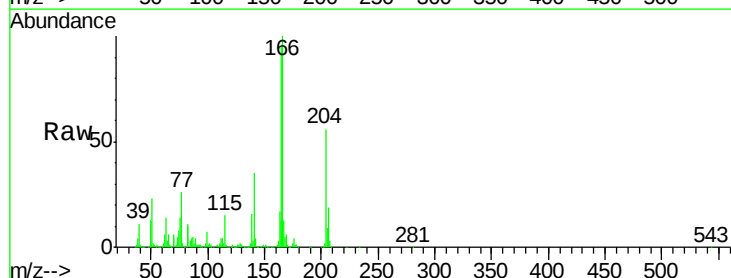
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 598533
Ion Ratio Lower Upper
149 100
177 22.7 18.6 27.8
150 12.3 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 37.82 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG016986.D
Acq: 9 May 2015 10:32

Tgt Ion:204 Resp: 274221
Ion Ratio Lower Upper
204 100
206 33.2 24.8 37.2
141 62.1 52.4 78.6





#61

4-Nitroaniline

Concen: 43.31 ng

RT: 15.50 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

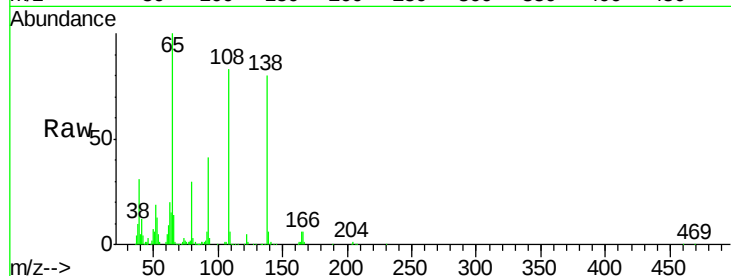
Tgt Ion:138 Resp: 172969

Ion Ratio Lower Upper

138 100

92 51.7 31.8 71.8

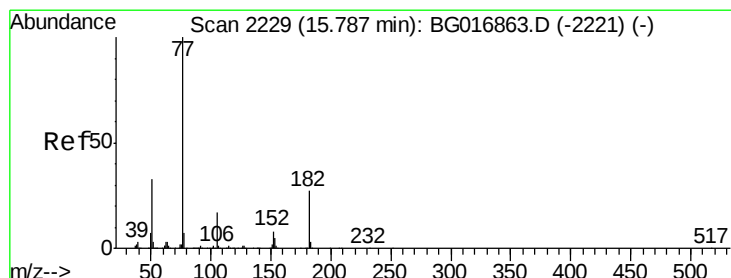
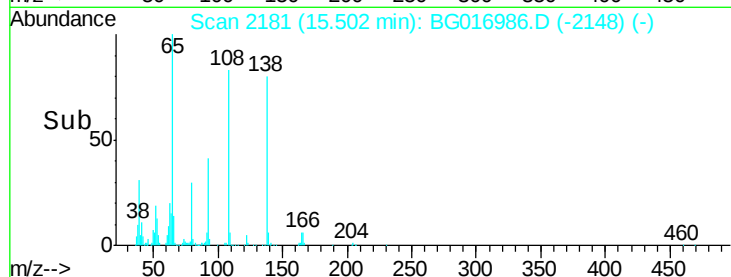
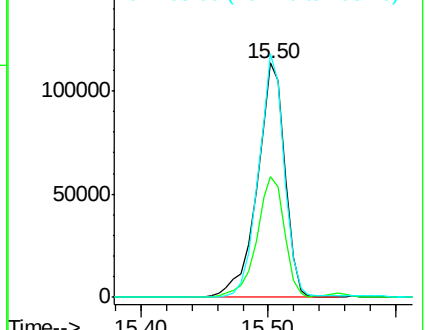
108 103.9 70.6 110.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.26 ng

RT: 15.77 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG016986.D

Acq: 9 May 2015 10:32

Tgt Ion: 77 Resp: 610002

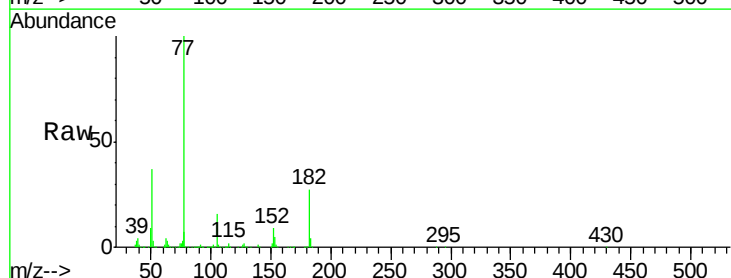
Ion Ratio Lower Upper

77 100

182 27.4 7.4 47.4

105 16.1 0.0 36.6

51 37.3 13.4 53.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

