

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016704.D
 Acq On : 25 Apr 2015 6:42
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 27 00:54:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	49933	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	219379	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	121865	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	254710	20.00	ng	0.00
75) Chrysene-d12	21.18	240	245278	20.00	ng	0.00
86) Perylene-d12	23.39	264	233545	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	261964	85.13	ng	0.00
7) Phenol-d6	6.79	99	368645	85.40	ng	0.00
23) Nitrobenzene-d5	8.76	82	298010	85.84	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	79364	87.79	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	654424	86.28	ng	0.00
78) Terphenyl-d14	19.63	244	855093	80.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	56344	42.27	ng	99
3) Pyridine	3.45	79	156294	41.30	ng	99
4) n-Nitrosodimethylamine	3.38	42	46710	41.83	ng	92
6) Aniline	6.92	93	245430	41.46	ng	99
8) 2-Chlorophenol	7.16	128	157998	41.54	ng	98
9) Benzaldehyde	6.74	77	65145	36.94	ng	95
10) Phenol	6.82	94	191922	42.18	ng	100
11) bis(2-Chloroethyl)ether	7.03	93	141829	39.93	ng	98
12) 1,3-Dichlorobenzene	7.48	146	161638	41.10	ng	99
13) 1,4-Dichlorobenzene	7.63	146	165935	41.27	ng	98
14) 1,2-Dichlorobenzene	7.94	146	157344	40.99	ng	98
15) Benzyl Alcohol	7.84	79	111540	41.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	132628	39.89	ng	99
17) 2-Methylphenol	8.06	107	130170	42.79	ng	96
18) Hexachloroethane	8.66	117	59202	41.76	ng	97
19) n-Nitroso-di-n-propylamine	8.40	70	109863	40.83	ng	97
20) 3+4-Methylphenols	8.39	107	179558	41.98	ng	98
22) Acetophenone	8.42	105	203505	42.27	ng	# 98
24) Nitrobenzene	8.80	77	153597	42.13	ng	99
25) Isophorone	9.32	82	301243	41.87	ng	99
26) 2-Nitrophenol	9.50	139	91455	43.23	ng	98
27) 2,4-Dimethylphenol	9.58	122	152867	43.27	ng	98
28) bis(2-Chloroethoxy)methane	9.80	93	179619	41.37	ng	99
29) 2,4-Dichlorophenol	10.04	162	133259	44.37	ng	97
30) 1,2,4-Trichlorobenzene	10.24	180	134671	42.32	ng	98
31) Naphthalene	10.43	128	482207	41.69	ng	99
32) Benzoic acid	9.74	122	62491	35.46	ng	96
33) 4-Chloroaniline	10.55	127	224212	42.07	ng	97
34) Hexachlorobutadiene	10.71	225	60376	42.47	ng	95
35) Caprolactam	11.32	113	70386	43.48	ng	98
36) 4-Chloro-3-methylphenol	11.70	107	153992	44.10	ng	100
37) 2-Methylnaphthalene	12.05	142	343156	41.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	126375	43.53	ng	99
40) Hexachlorocyclopentadiene	12.40	237	34487	35.14	ng	100

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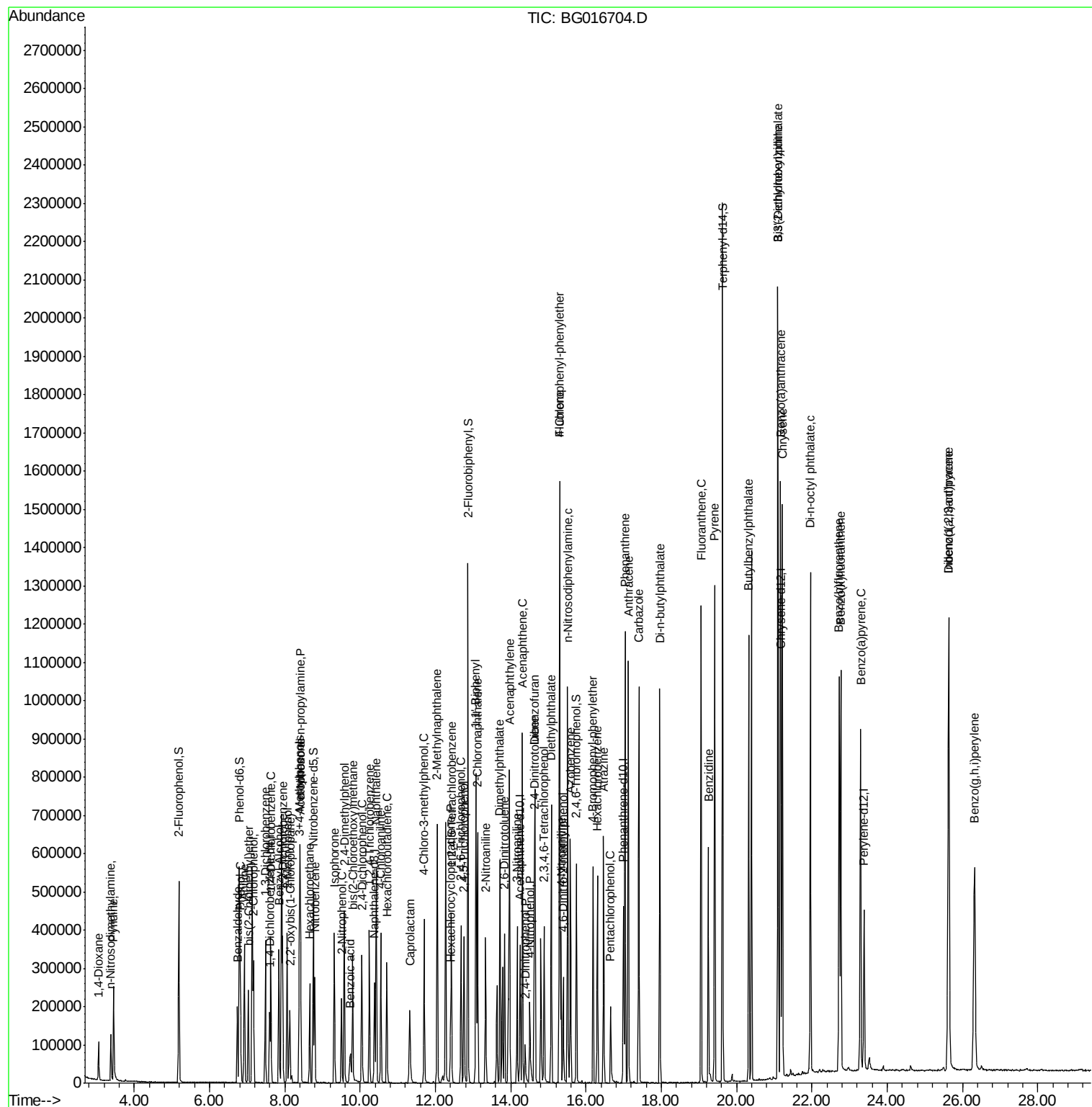
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	94243	44.42	ng	98
43) 2,4,5-Trichlorophenol	12.76	196	102150	45.50	ng	98
45) 1,1'-Biphenyl	13.08	154	409061	42.74	ng	100
46) 2-Chloronaphthalene	13.12	162	314461	42.74	ng	99
47) 2-Nitroaniline	13.33	65	90511	45.10	ng	97
48) Acenaphthylene	13.97	152	562672	43.67	ng	100
49) Dimethylphthalate	13.72	163	384608	42.19	ng	99
50) 2,6-Dinitrotoluene	13.84	165	96887	43.31	ng	96
51) Acenaphthene	14.31	154	327769	42.38	ng	99
52) 3-Nitroaniline	14.17	138	118739	43.92	ng	98
53) 2,4-Dinitrophenol	14.39	184	32238	31.59	ng	93
54) Dibenzofuran	14.65	168	459902	42.16	ng	98
55) 4-Nitrophenol	14.51	139	81522	40.24	ng	99
56) 2,4-Dinitrotoluene	14.63	165	134730	43.97	ng	98
57) Fluorene	15.30	166	404979	42.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	73451	43.24	ng	97
59) Diethylphthalate	15.08	149	400439	42.15	ng	100
60) 4-Chlorophenyl-phenylether	15.30	204	165497	41.56	ng	99
61) 4-Nitroaniline	15.34	138	132031	44.14	ng	98
62) Azobenzene	15.58	77	369930	42.63	ng	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	68189	39.56	ng	99
65) n-Nitrosodiphenylamine	15.51	169	372560	42.66	ng	99
66) 4-Bromophenyl-phenylether	16.18	248	88850	41.74	ng	95
67) Hexachlorobenzene	16.30	284	92991	42.48	ng	99
68) Atrazine	16.47	200	100887	43.04	ng	100
69) Pentachlorophenol	16.65	266	36490	34.33	ng	99
70) Phenanthrene	17.04	178	618815	42.29	ng	99
71) Anthracene	17.12	178	621466	42.70	ng	99
72) Carbazole	17.41	167	627143	43.01	ng	100
73) Di-n-butylphthalate	17.96	149	751896	43.26	ng	100
74) Fluoranthene	19.06	202	662223	42.71	ng	98
76) Benzidine	19.25	184	348647	41.73	ng	99
77) Pyrene	19.42	202	685329	39.77	ng	99
79) Butylbenzylphthalate	20.33	149	368167	43.44	ng	97
80) Benzo(a)anthracene	21.17	228	613222	41.23	ng	100
81) 3,3'-Dichlorobenzidine	21.10	252	210654	43.46	ng	98
82) Chrysene	21.22	228	590772	41.43	ng	100
83) Bis(2-ethylhexyl)phthalate	21.10	149	523258	45.37	ng	99
84) Di-n-octyl phthalate	21.96	149	870581	45.32	ng	100
85) Indeno(1,2,3-cd)pyrene	25.64	276	666573	42.89	ng	99
87) Benzo(b)fluoranthene	22.72	252	595465	41.98	ng	99
88) Benzo(k)fluoranthene	22.77	252	569641	41.15	ng	98
89) Benzo(a)pyrene	23.29	252	552011	41.29	ng	98
90) Dibenzo(a,h)anthracene	25.64	278	539957	41.54	ng	99
91) Benzo(g,h,i)perylene	26.32	276	549561	41.55	ng	99

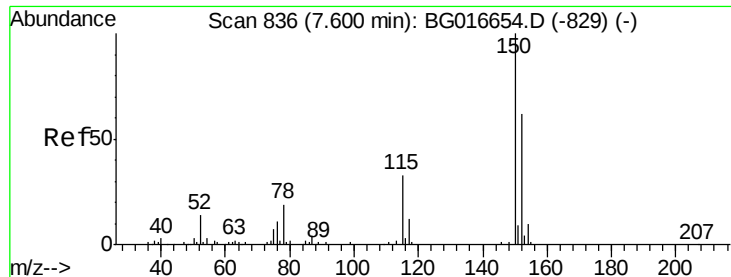
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

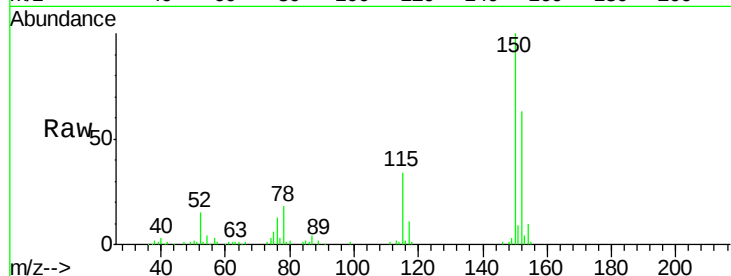
Tgt Ion:152 Resp: 49933

Ion Ratio Lower Upper

152 100

150 158.4 129.6 194.4

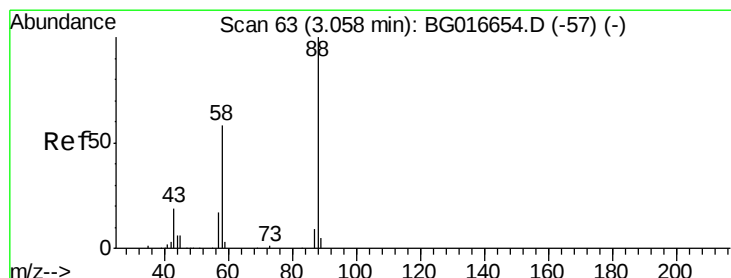
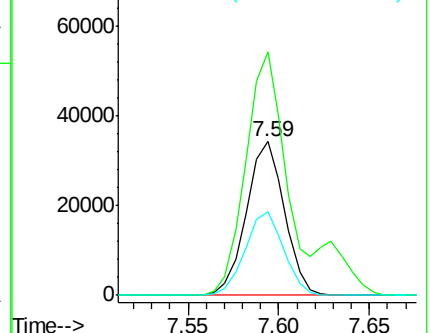
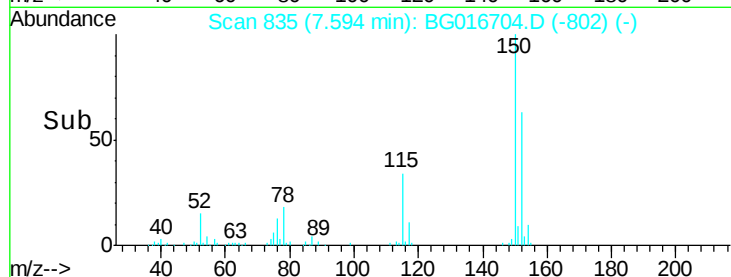
115 54.3 43.0 64.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.27 ng

RT: 3.05 min Scan# 62

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

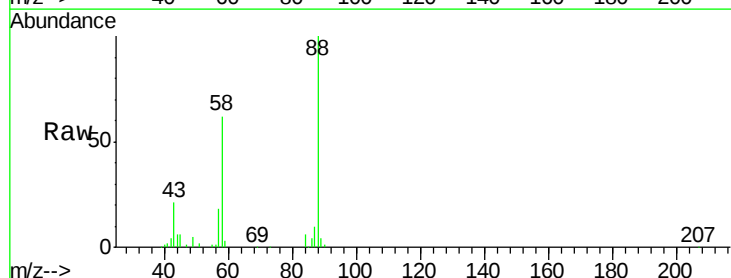
Tgt Ion: 88 Resp: 56344

Ion Ratio Lower Upper

88 100

58 58.9 46.8 70.2

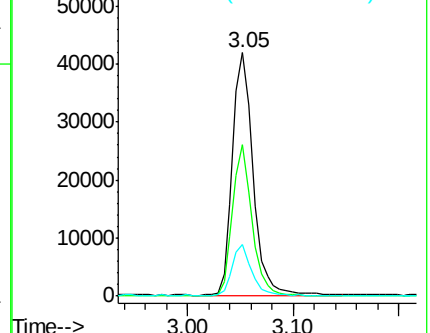
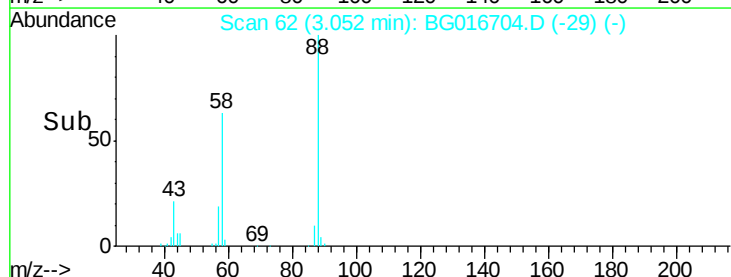
43 20.6 15.8 23.8



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.30 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Instrument :

BNA_G

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SSTDCCC040

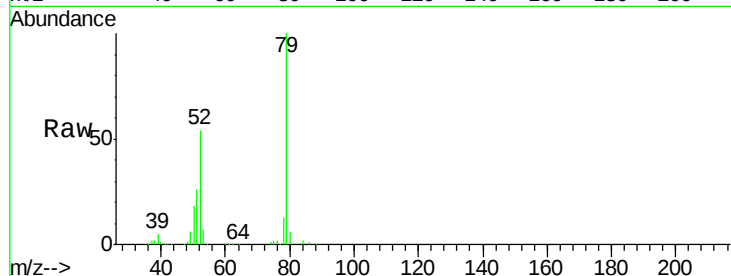
Tgt Ion: 79 Resp: 156294

Ion Ratio Lower Upper

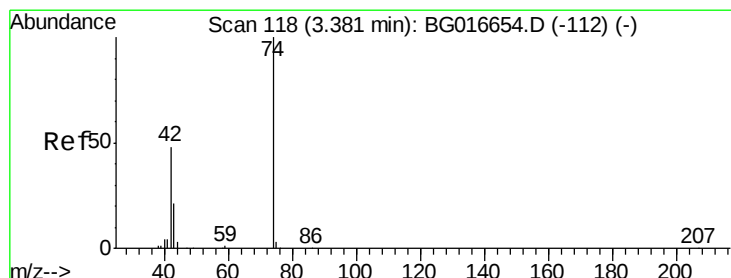
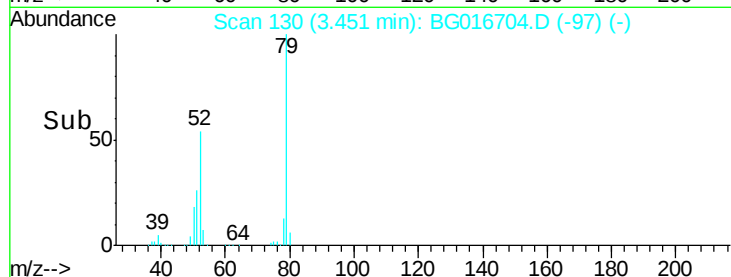
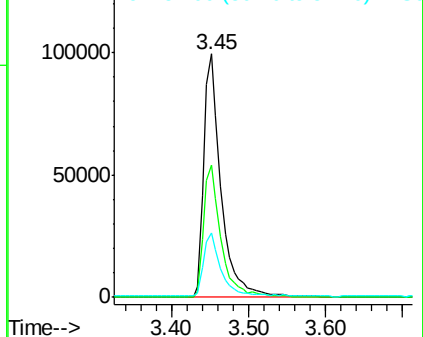
79 100

52 54.2 42.7 64.1

51 26.4 20.5 30.7



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



#4

n-Nitrosodimethylamine

Concen: 41.83 ng

RT: 3.38 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

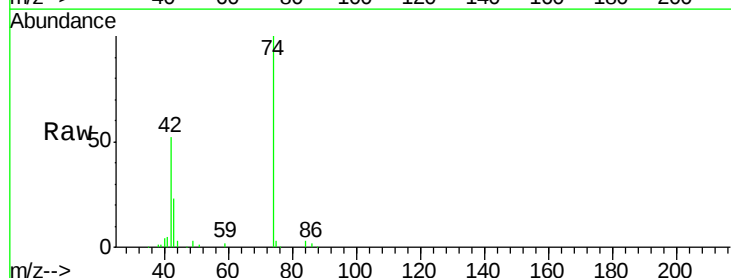
Tgt Ion: 42 Resp: 46710

Ion Ratio Lower Upper

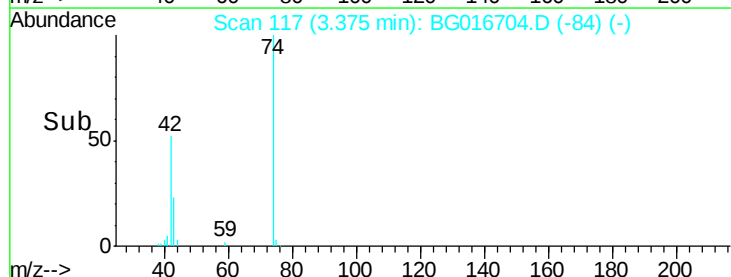
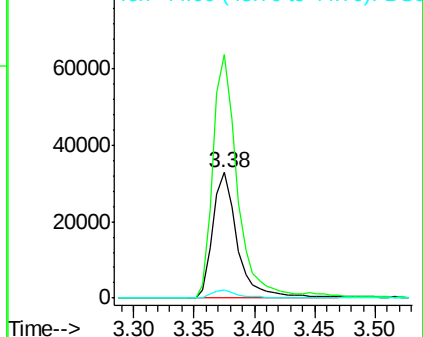
42 100

74 193.7 165.6 248.4

44 6.4 5.0 7.6



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





#5

2-Fluorophenol

Concen: 85.13 ng

RT: 5.18 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Instrument :

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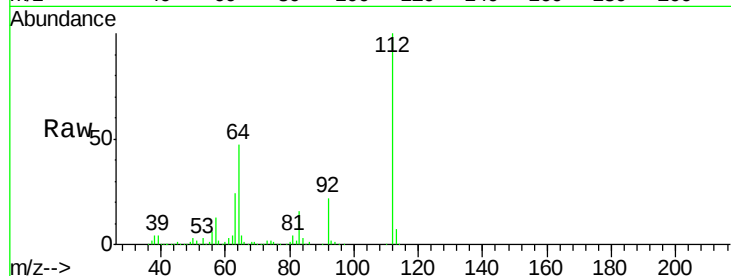
Tgt Ion: 112 Resp: 261964

Ion Ratio Lower Upper

112 100

64 46.9 38.3 57.5

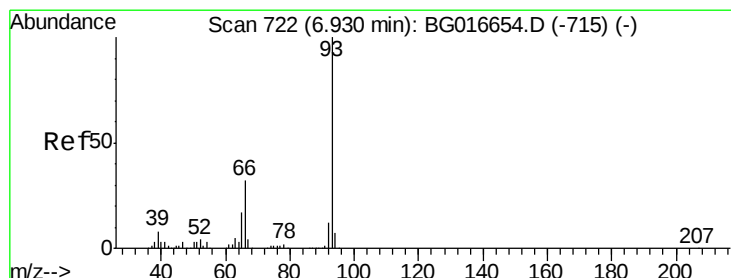
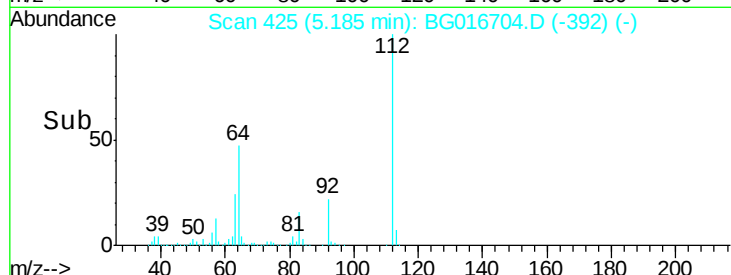
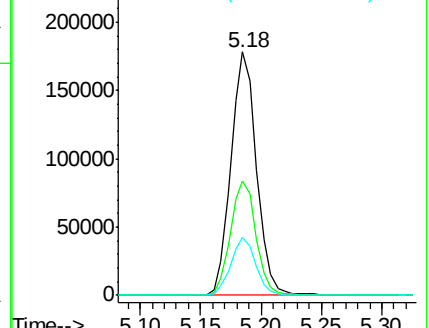
63 23.7 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.46 ng

RT: 6.92 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

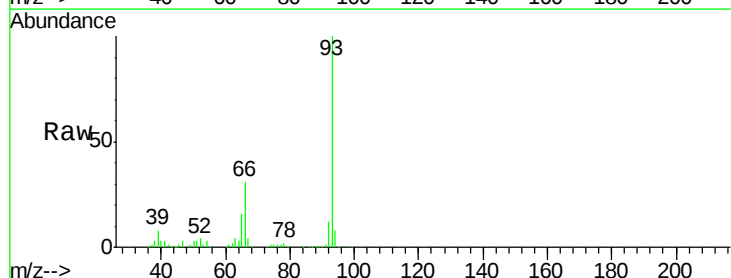
Tgt Ion: 93 Resp: 245430

Ion Ratio Lower Upper

93 100

66 31.5 25.4 38.2

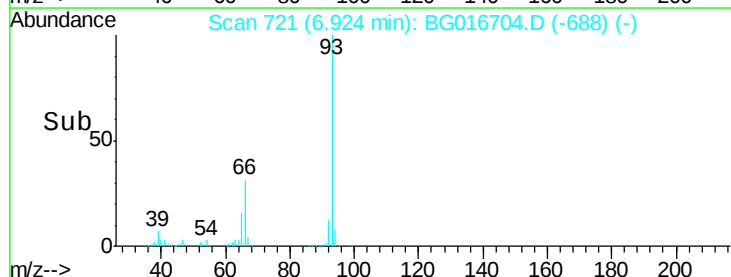
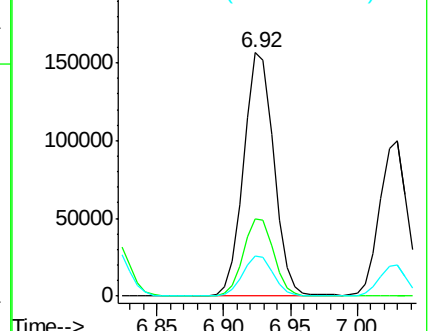
65 16.3 13.8 20.6

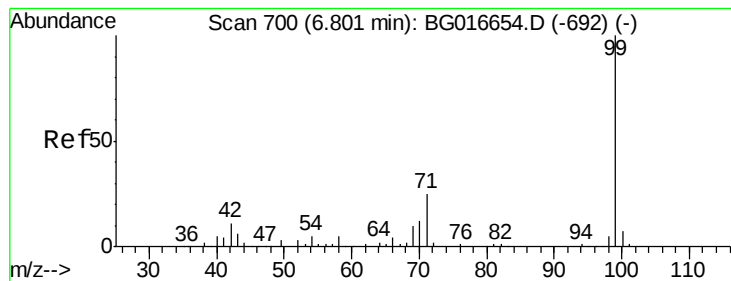


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.40 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.01 min

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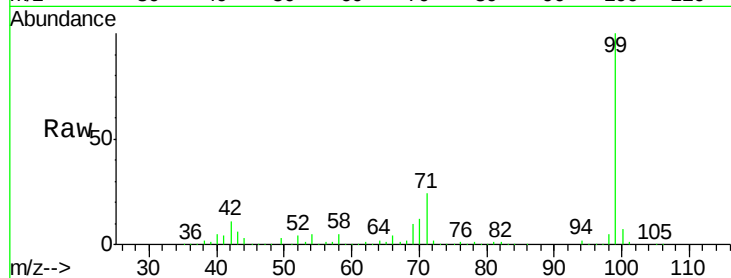
Tgt Ion: 99 Resp: 368645

Ion Ratio Lower Upper

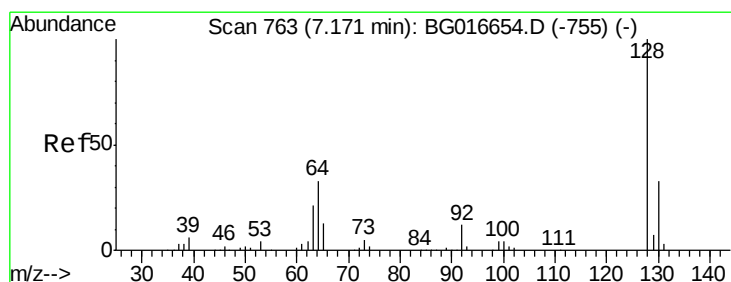
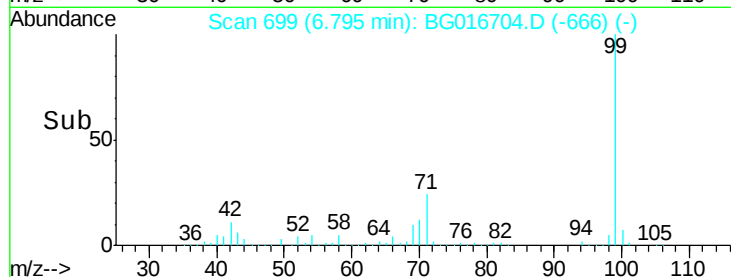
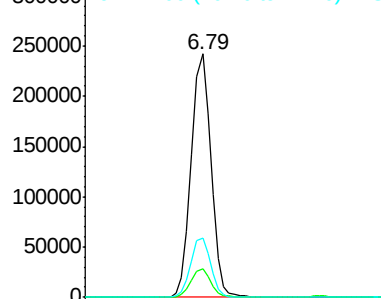
99 100

42 11.5 8.8 13.2

71 24.2 19.9 29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.54 ng

RT: 7.16 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

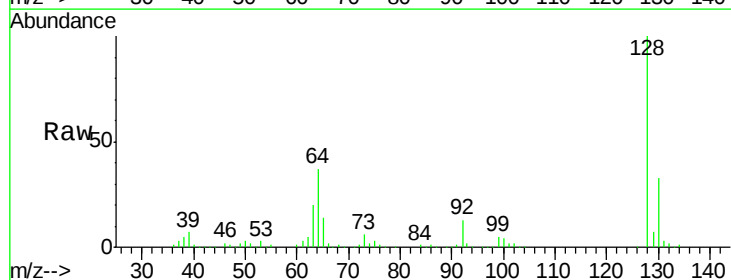
Tgt Ion: 128 Resp: 157998

Ion Ratio Lower Upper

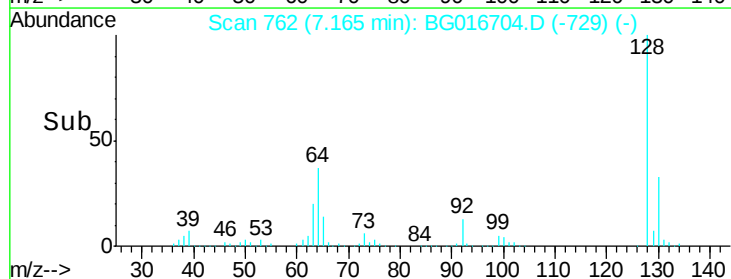
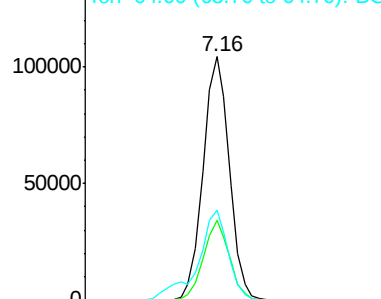
128 100

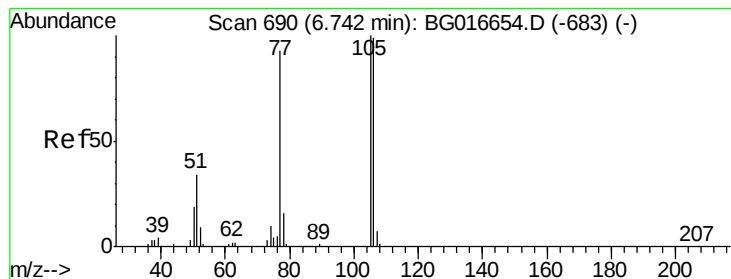
130 32.6 13.5 53.5

64 37.1 15.8 55.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.94 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.01 min

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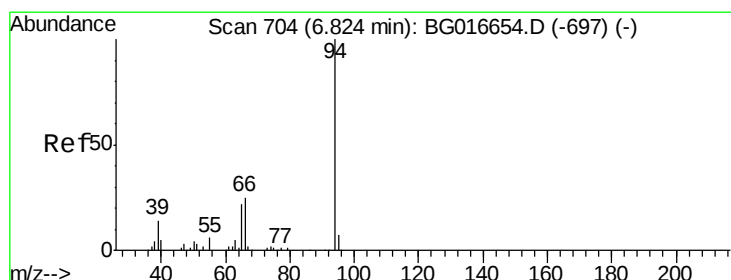
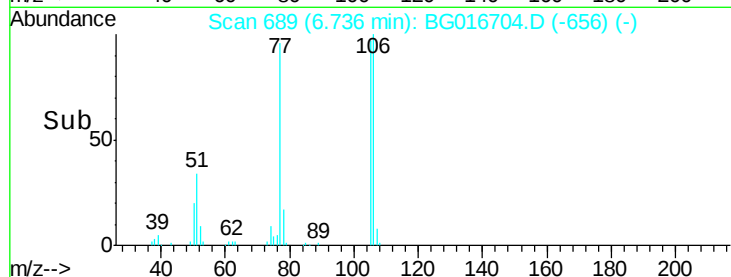
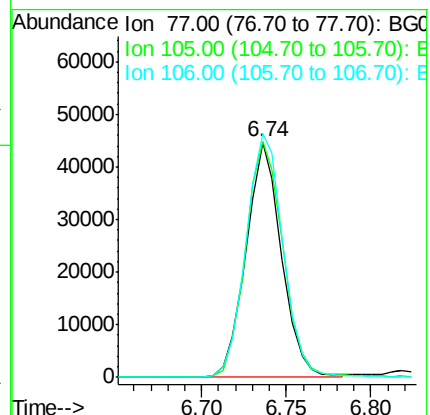
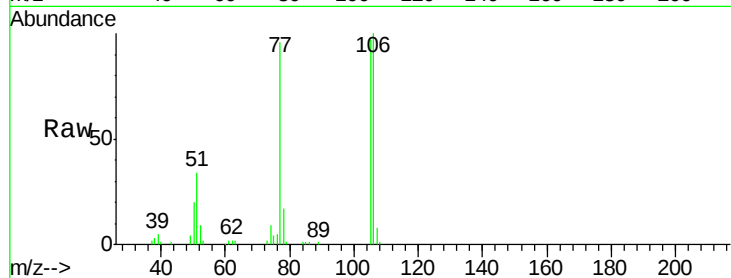
Tgt Ion: 77 Resp: 65145

Ion Ratio Lower Upper

77 100

105 100.4 88.0 128.0

106 103.7 86.6 126.6



#10

Phenol

Concen: 42.18 ng

RT: 6.82 min Scan# 703

Delta R.T. -0.01 min

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Acq: 25 Apr 2015 6:42

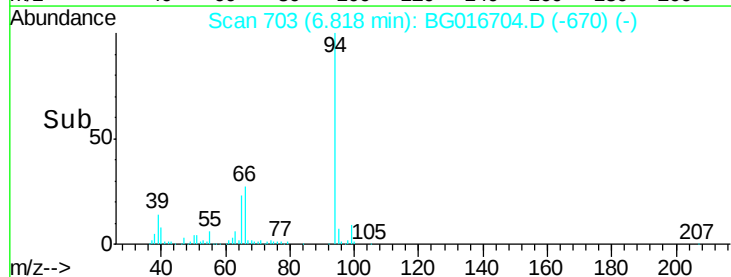
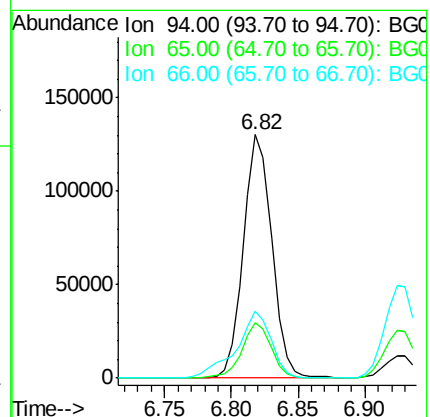
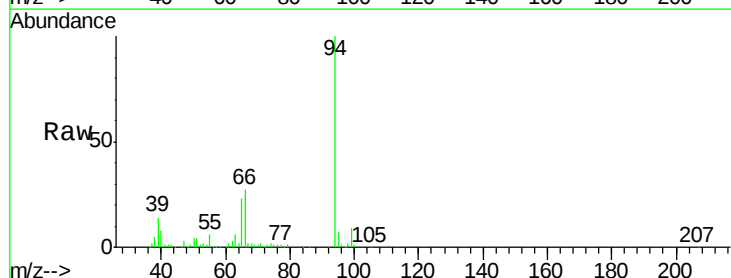
Tgt Ion: 94 Resp: 191922

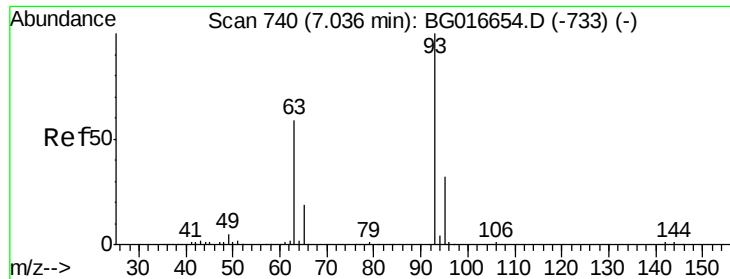
Ion Ratio Lower Upper

94 100

65 22.6 2.6 42.6

66 27.4 7.0 47.0

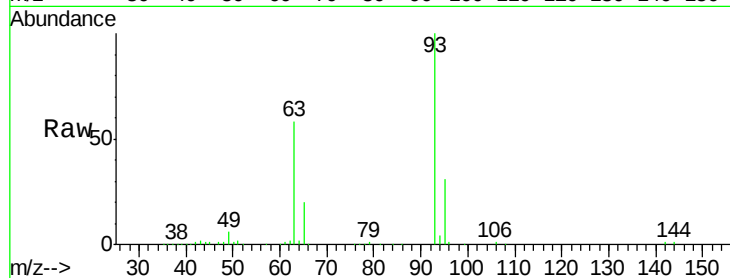




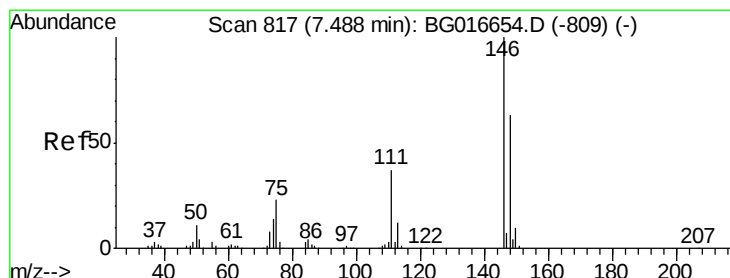
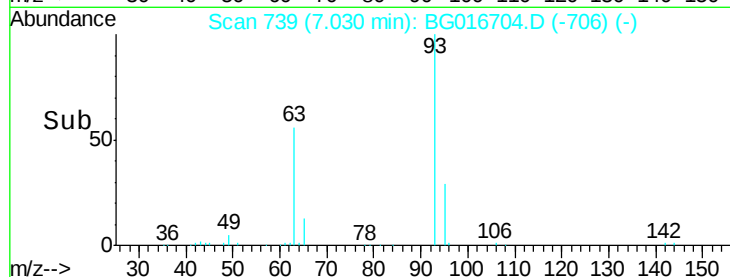
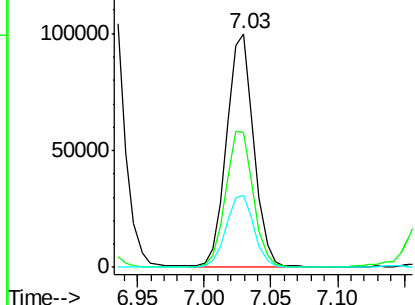
#11
 bis(2-Chloroethyl)ether
 Concen: 39.93 ng
 RT: 7.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 93 Resp: 141829
 Ion Ratio Lower Upper
 93 100
 63 57.7 39.2 79.2
 95 31.1 11.9 51.9

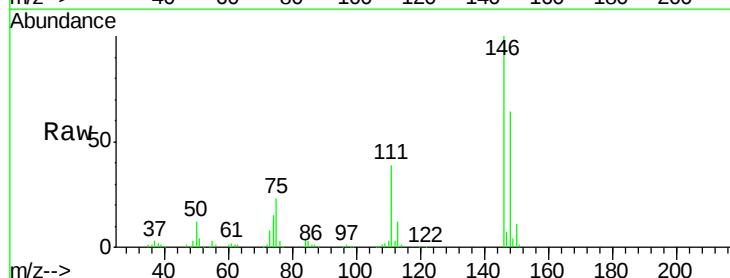


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

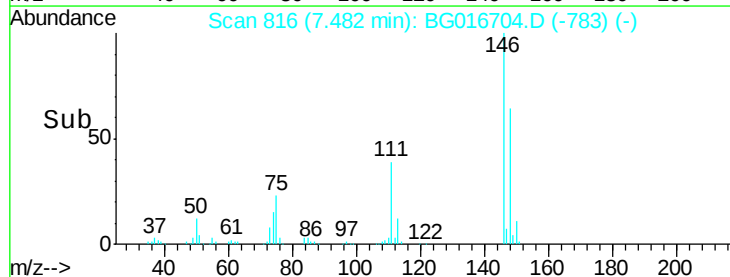
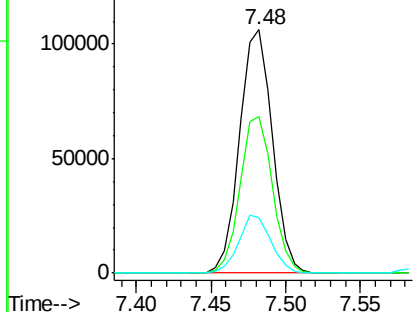


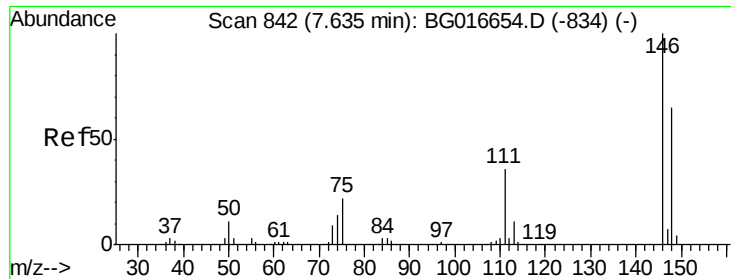
#12
 1,3-Dichlorobenzene
 Concen: 41.10 ng
 RT: 7.48 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion: 146 Resp: 161638
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.4
 75 22.7 18.4 27.6



Abundance Ion 146.00 (145.70 to 146.70): BGC
 Ion 148.00 (147.70 to 148.70): BGC
 Ion 75.00 (74.70 to 75.70): BGC

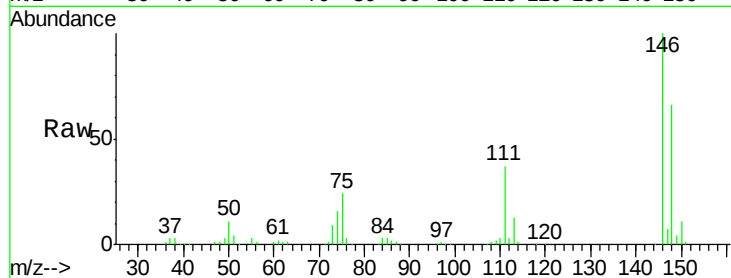




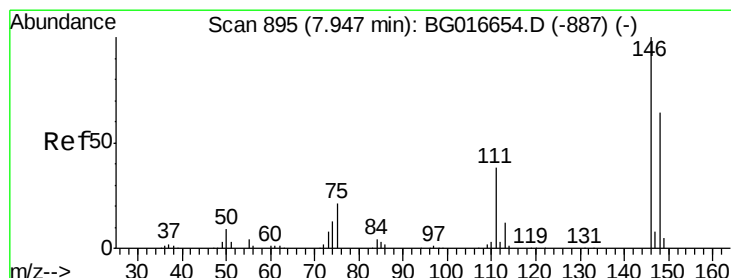
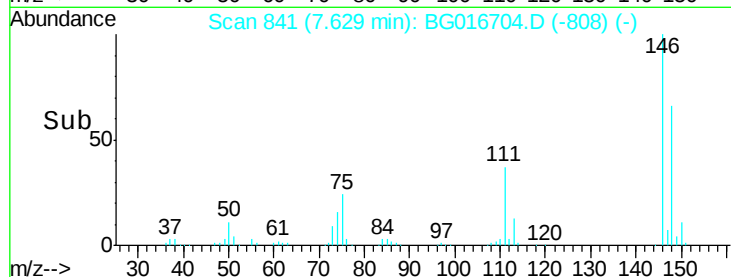
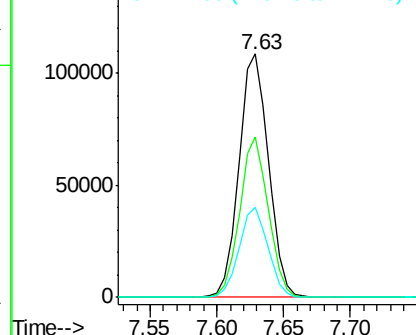
#13
 1,4-Dichlorobenzene
 Concen: 41.27 ng
 RT: 7.63 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 165935
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.6 77.4
 111 36.8 29.0 43.4

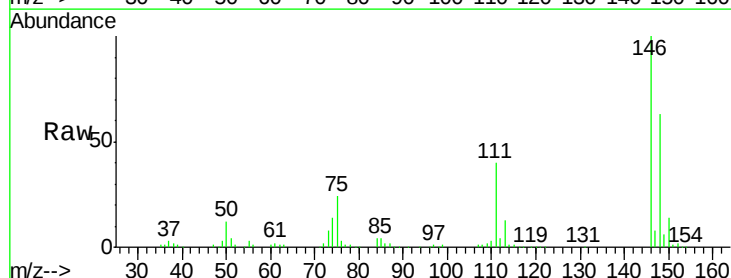


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

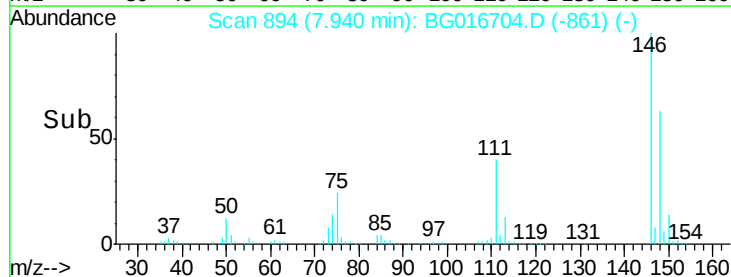
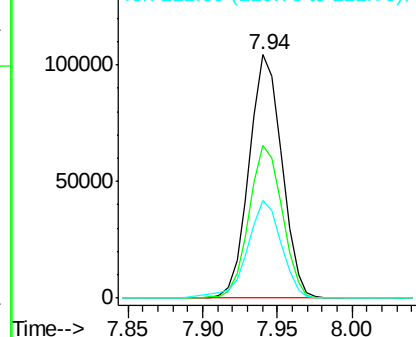


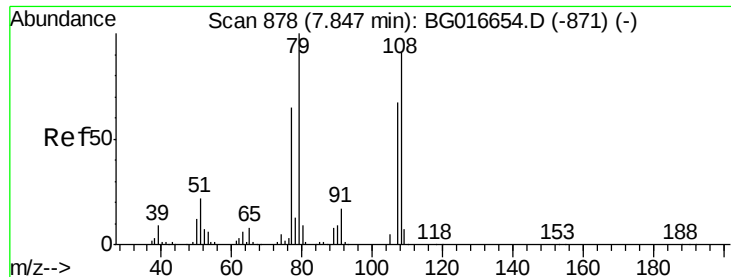
#14
 1,2-Dichlorobenzene
 Concen: 40.99 ng
 RT: 7.94 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion:146 Resp: 157344
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.3 76.9
 111 40.4 31.0 46.4



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





#15

Benzyl Alcohol

Concen: 41.17 ng

RT: 7.84 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

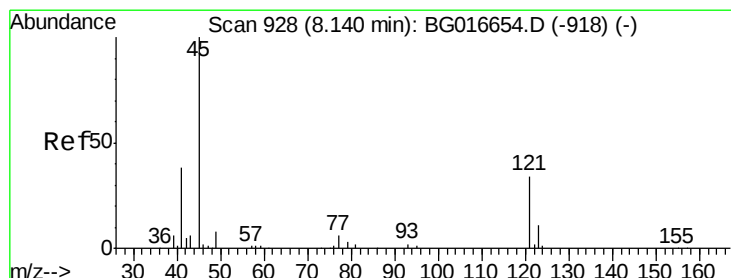
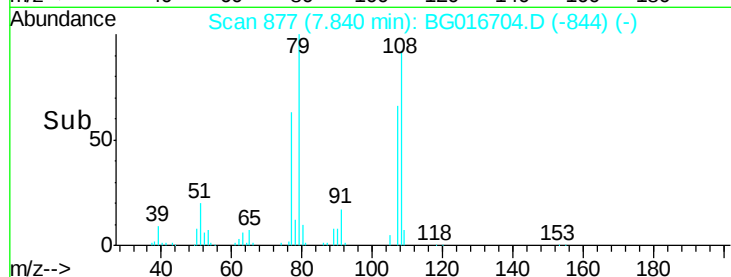
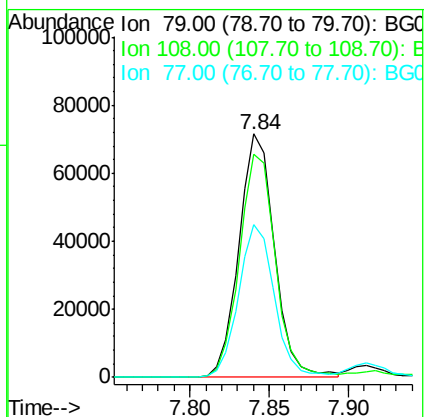
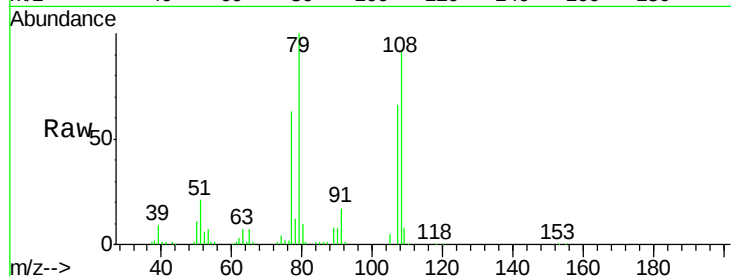
Tgt Ion: 79 Resp: 111540

Ion Ratio Lower Upper

79 100

108 91.8 73.0 109.4

77 62.6 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.89 ng

RT: 8.13 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

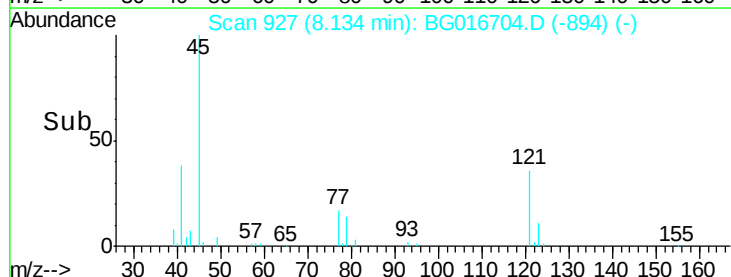
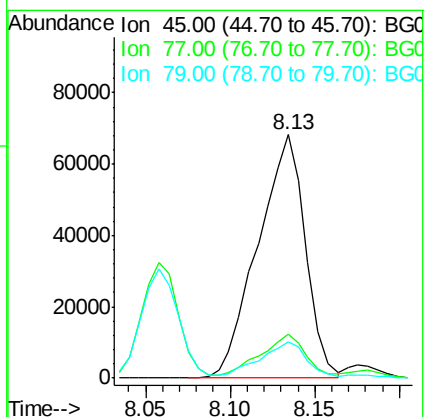
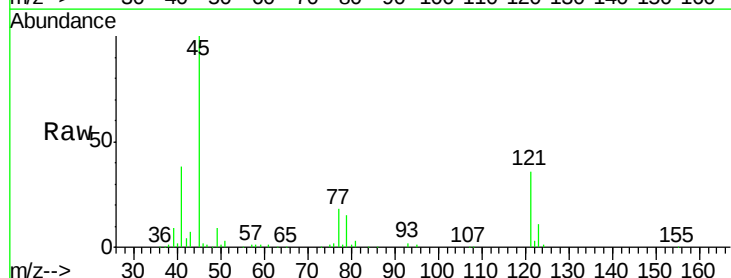
Tgt Ion: 45 Resp: 132628

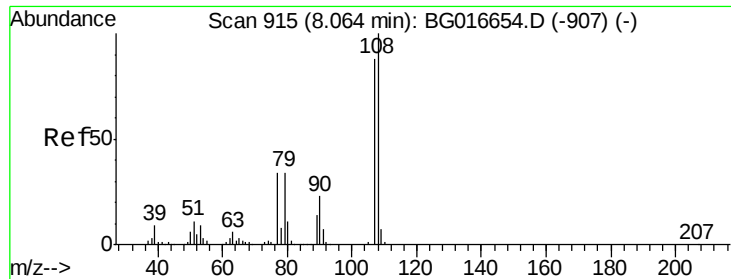
Ion Ratio Lower Upper

45 100

77 18.0 0.0 37.3

79 14.8 0.0 34.7

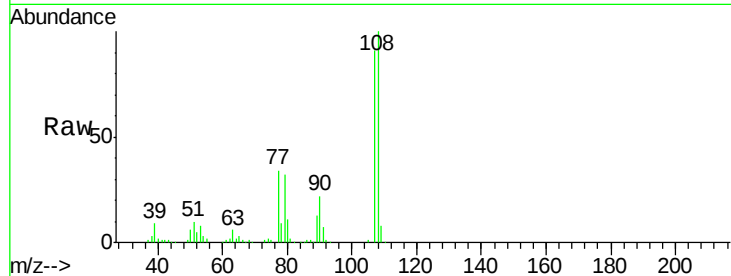




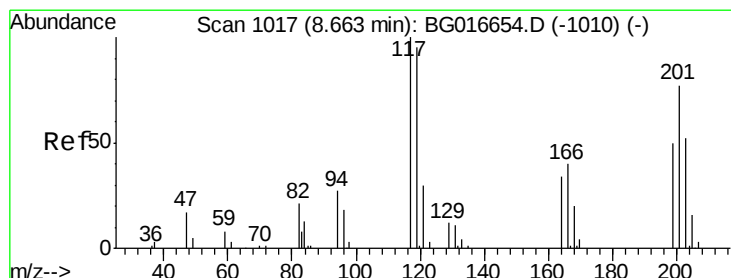
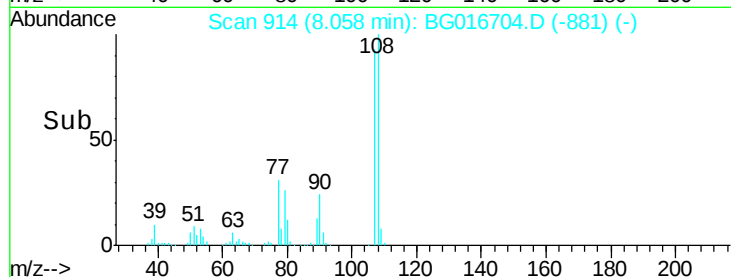
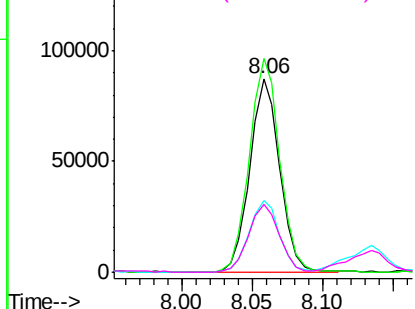
#17
2-Methylphenol
Concen: 42.79 ng
RT: 8.06 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	130170
Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.6	135.8
77	37.0	31.4	47.0
79	35.0	30.9	46.3

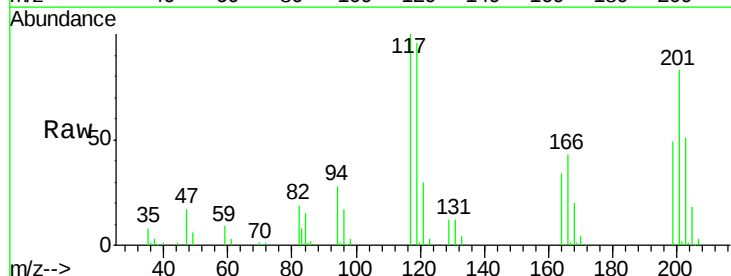


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

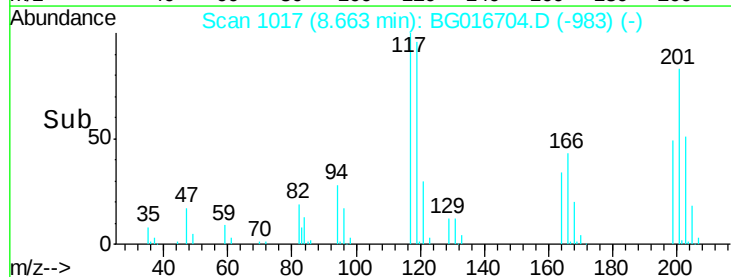
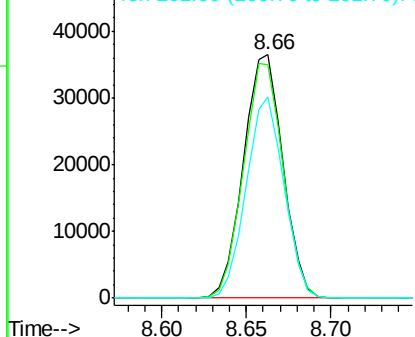


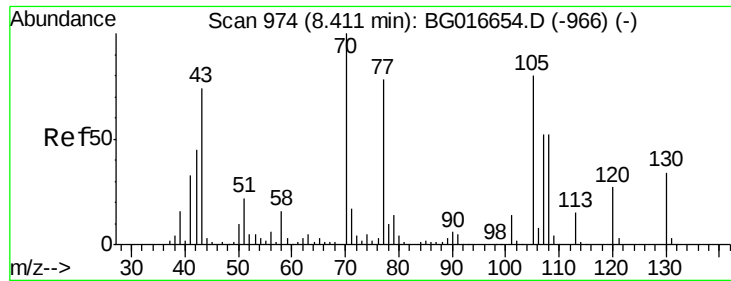
#18
Hexachloroethane
Concen: 41.76 ng
RT: 8.66 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:	117	Resp:	59202
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
201	82.8	61.5	92.3



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

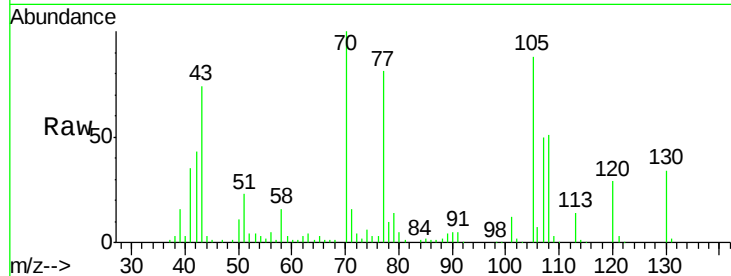




#19
n-Nitroso-di-n-propylamine
Concen: 40.83 ng
RT: 8.40 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	109863
Ion	Ratio	Lower	Upper
70	100		
42	42.6	35.7	53.5
101	11.8	11.0	16.4
130	33.7	27.5	41.3



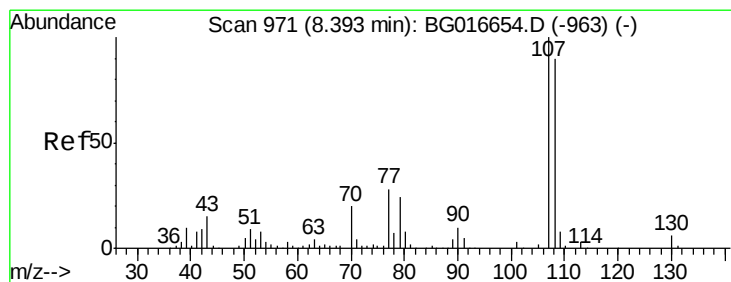
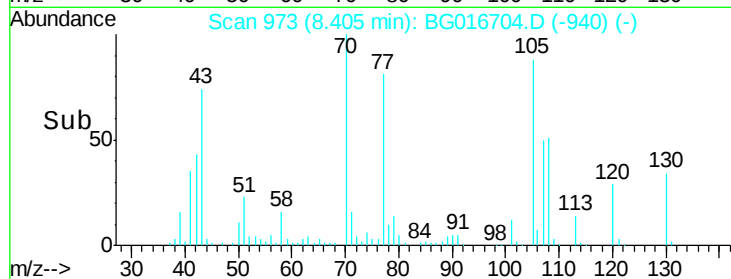
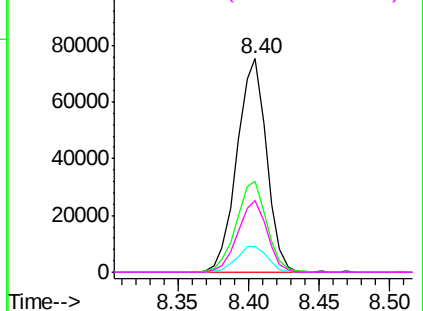
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

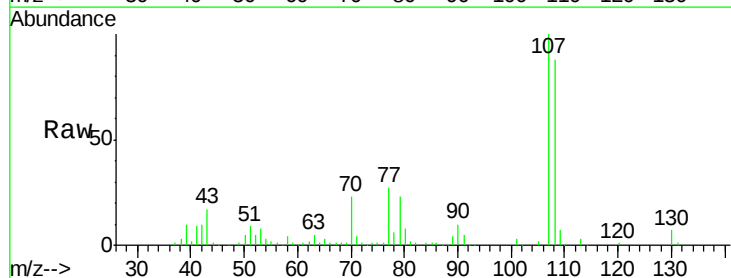
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.98 ng
RT: 8.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:	107	Resp:	179558
Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.5	109.5
77	27.0	8.2	48.2
79	22.9	4.2	44.2



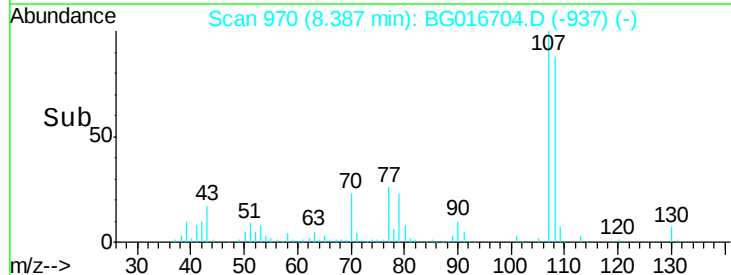
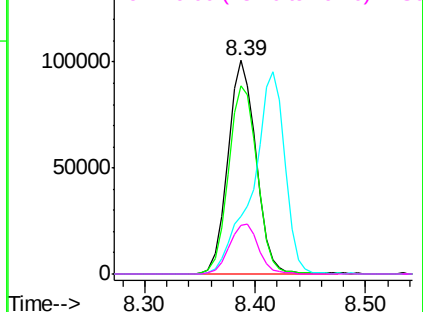
Abundance

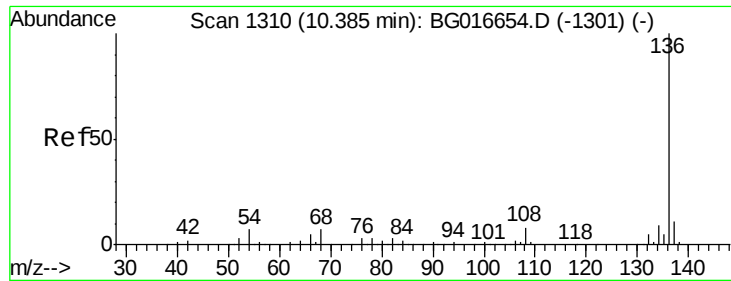
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

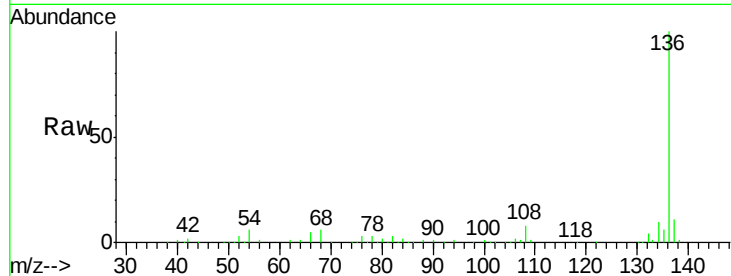




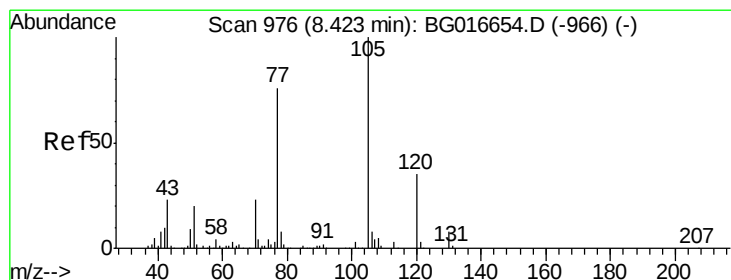
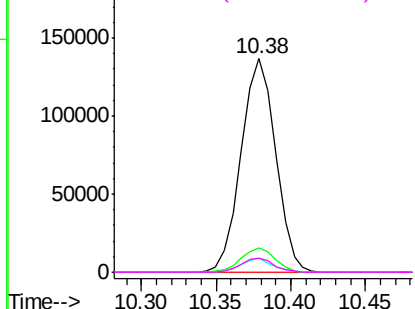
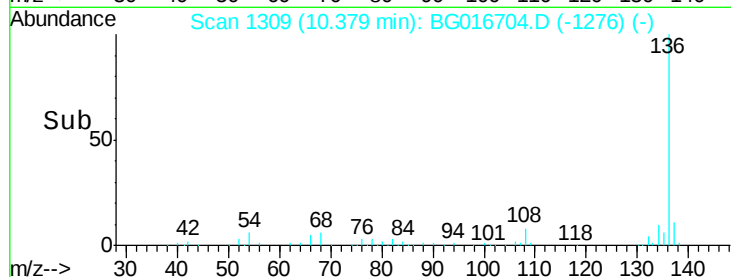
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	219379
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.5	5.4	8.2
68	6.5	5.2	7.8

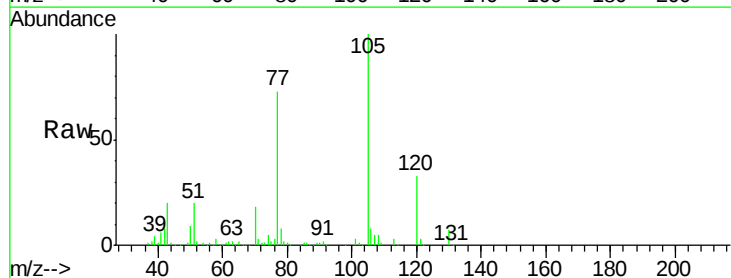


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

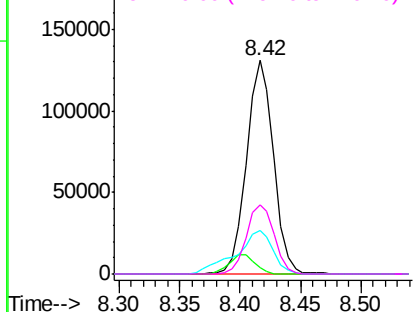
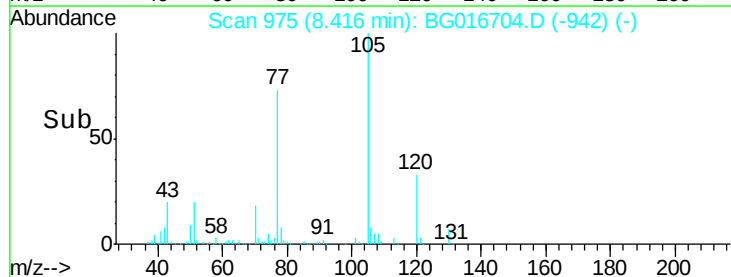


#22
Acetophenone
Concen: 42.27 ng
RT: 8.42 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:	105	Resp:	203505
Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.0	4.4#
51	20.5	16.5	24.7
120	32.6	27.8	41.6



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

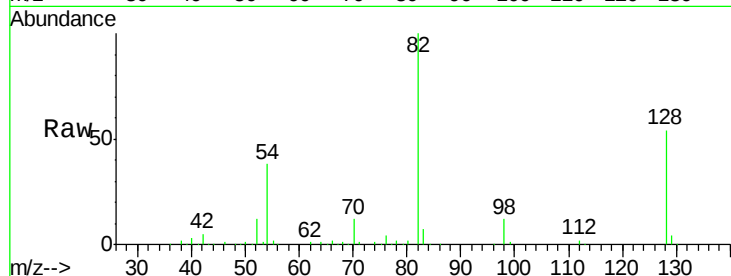




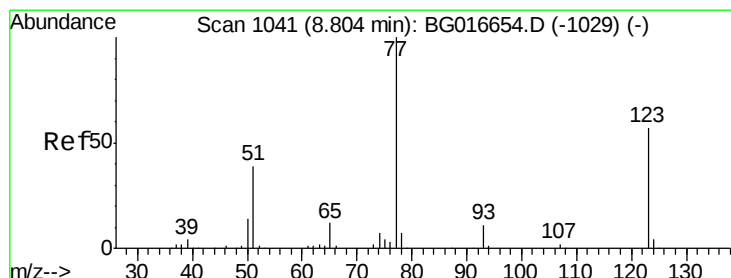
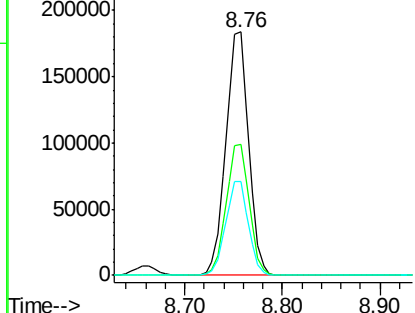
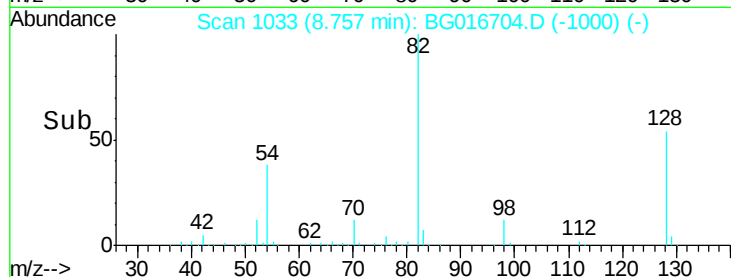
#23
 Nitrobenzene-d5
 Concen: 85.84 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.6	44.7	67.1
54	38.4	30.9	46.3

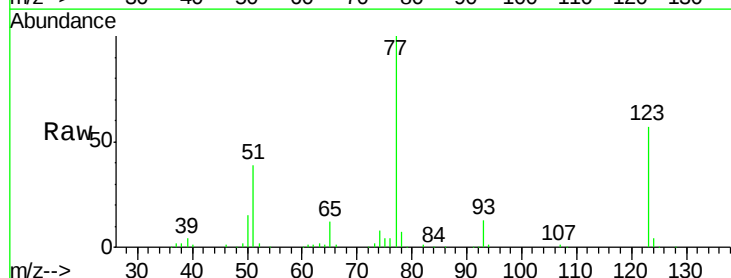


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

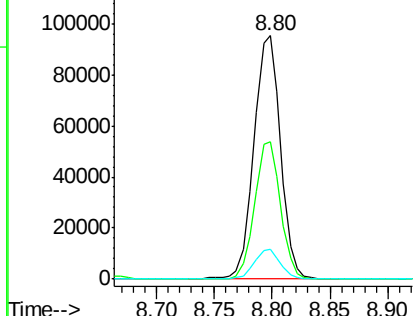
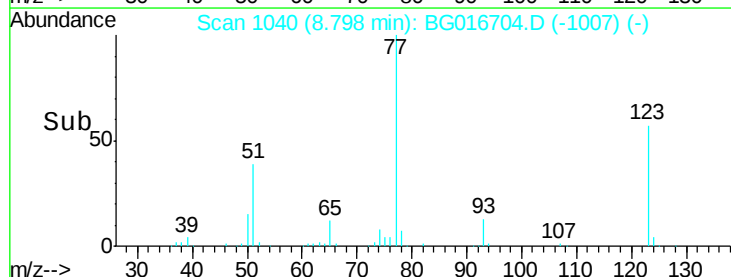


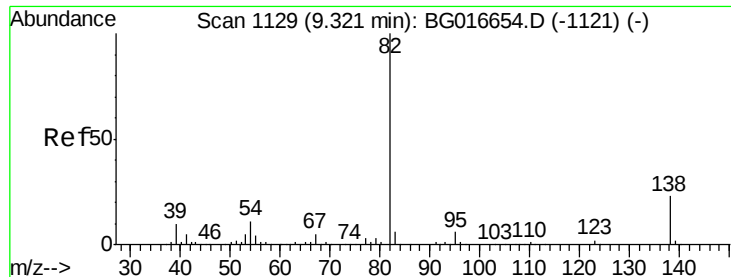
#24
 Nitrobenzene
 Concen: 42.13 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.6	45.6	68.4
65	12.5	9.4	14.2



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





#25

Isophorone

Concen: 41.87 ng

RT: 9.32 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

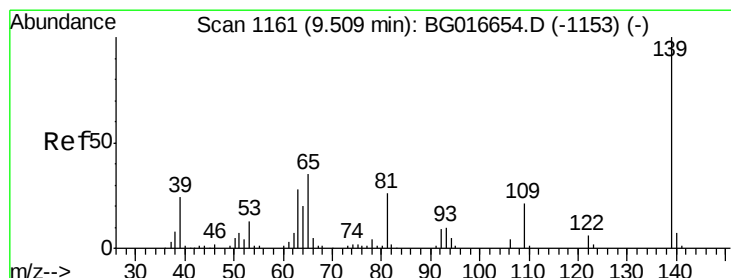
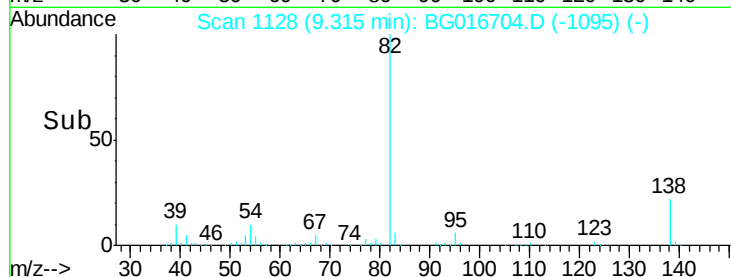
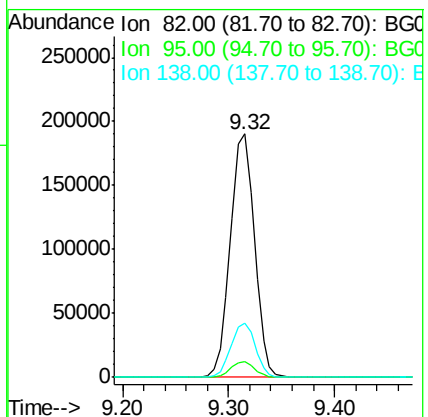
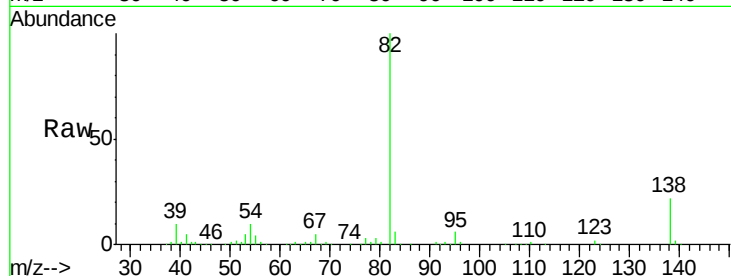
Tgt Ion: 82 Resp: 301243

Ion Ratio Lower Upper

82 100

95 6.4 5.0 7.6

138 22.4 18.2 27.2



#26

2-Nitrophenol

Concen: 43.23 ng

RT: 9.50 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

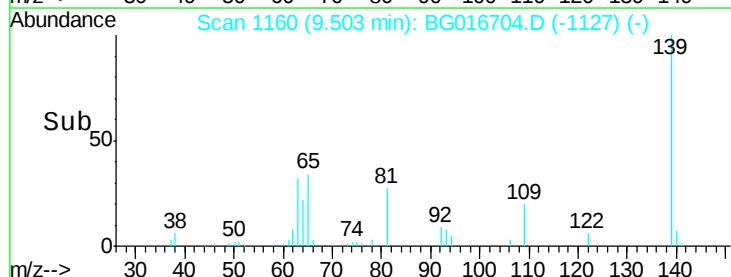
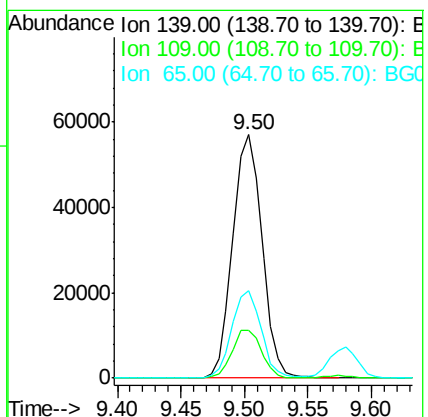
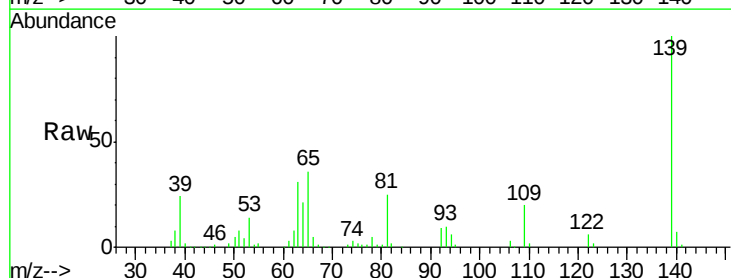
Tgt Ion: 139 Resp: 91455

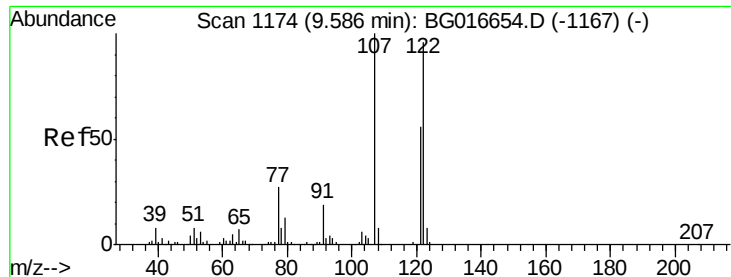
Ion Ratio Lower Upper

139 100

109 19.5 17.0 25.6

65 35.9 28.2 42.4

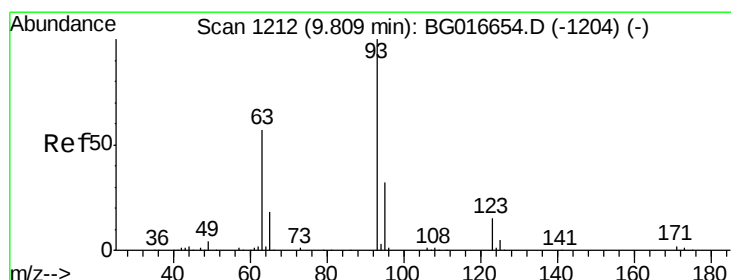
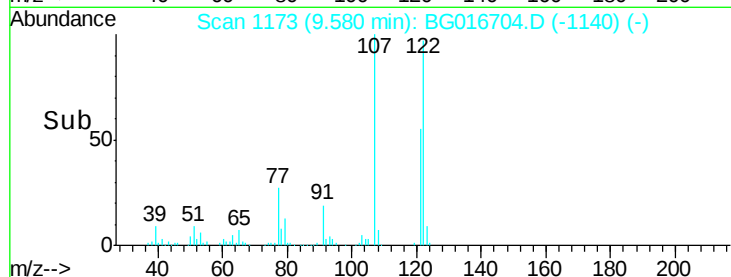
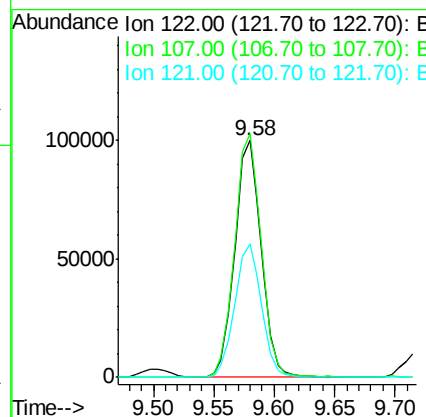
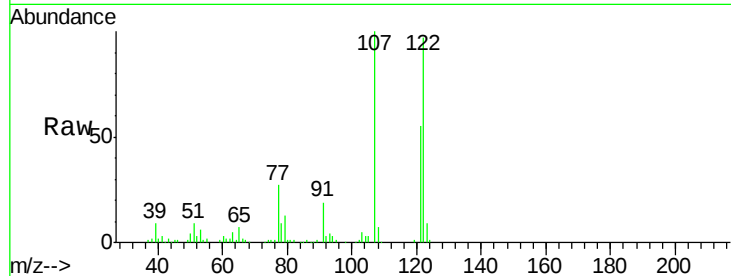




#27
 2,4-Dimethylphenol
 Concen: 43.27 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

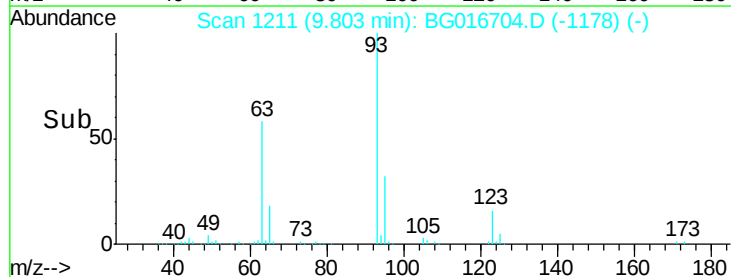
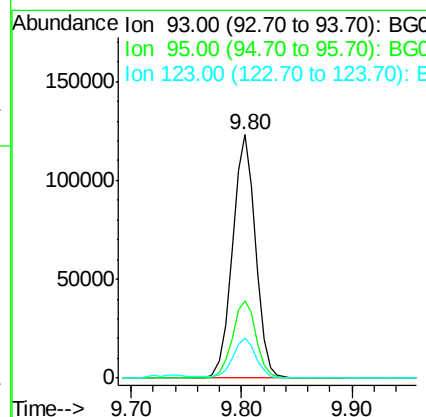
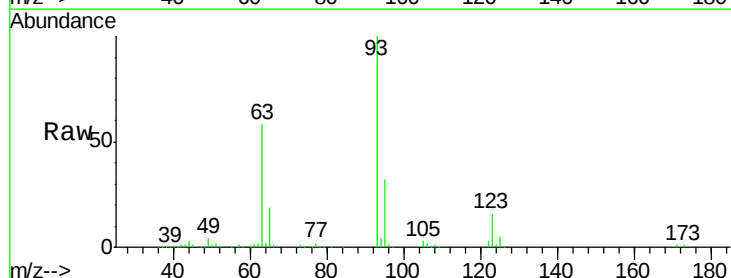
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

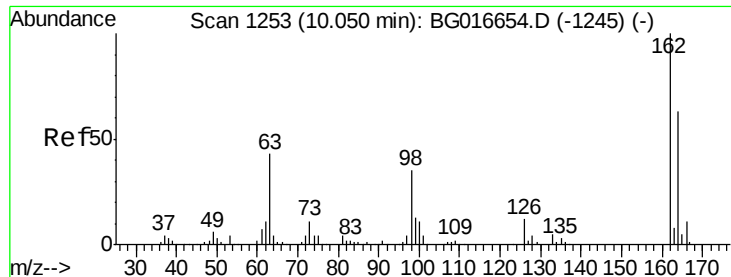
Tgt Ion	Ratio	Lower	Upper
122	100		
107	102.8	83.6	125.4
121	56.2	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.37 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.2
123	16.4	12.2	18.4

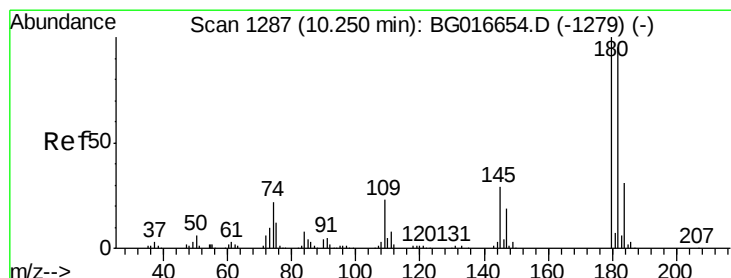
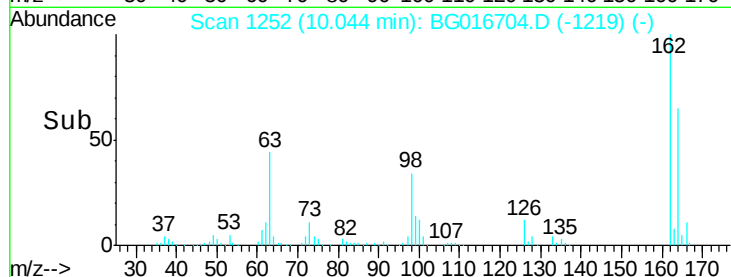
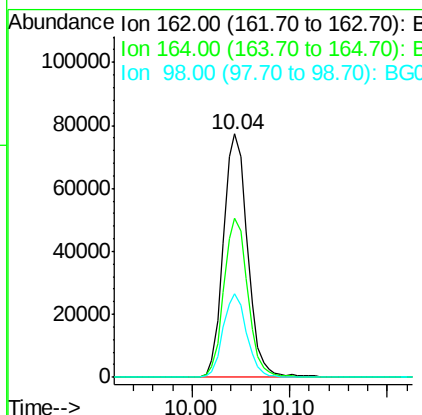
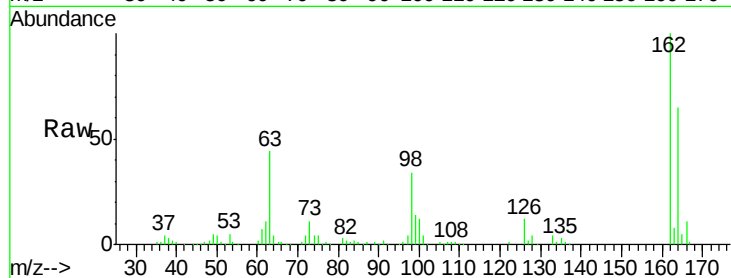




#29
 2,4-Dichlorophenol
 Concen: 44.37 ng
 RT: 10.04 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

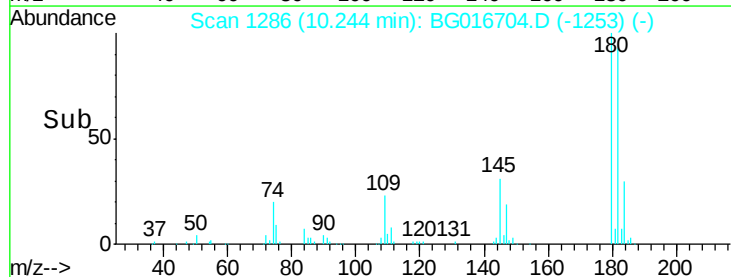
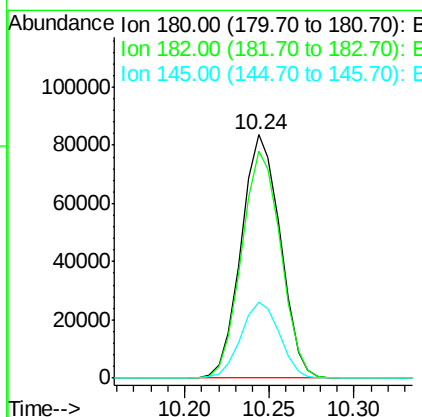
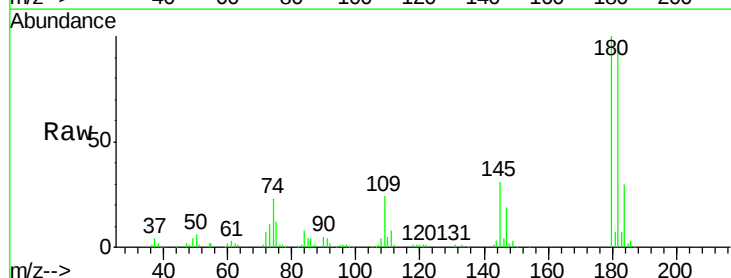
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

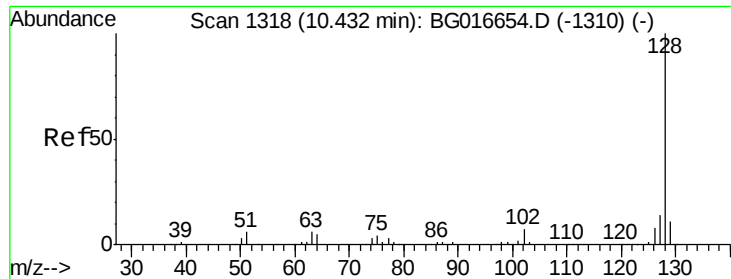
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.9	82.9
98	34.2	15.4	55.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.32 ng
 RT: 10.24 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.2	114.4
145	31.3	23.2	34.8

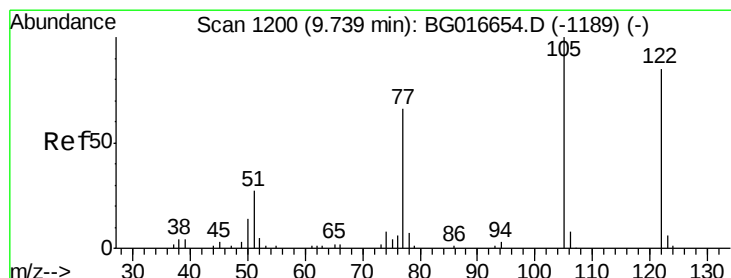
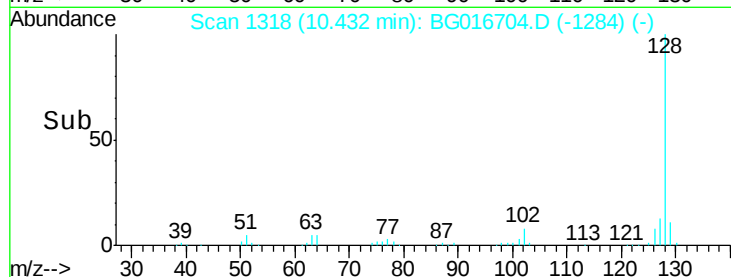
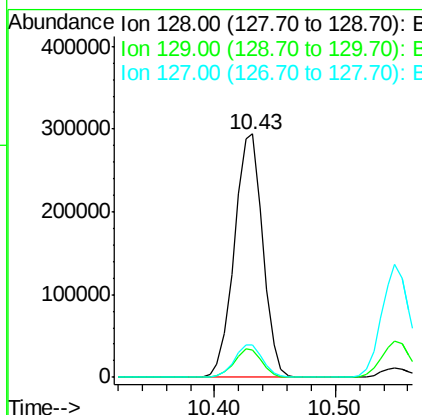
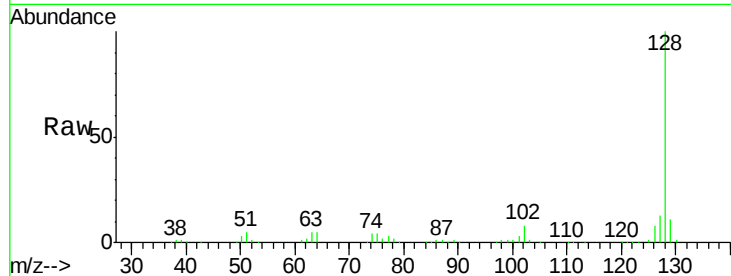




#31
Naphthalene
Concen: 41.69 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

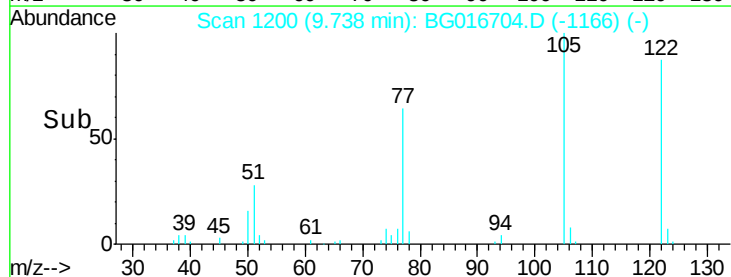
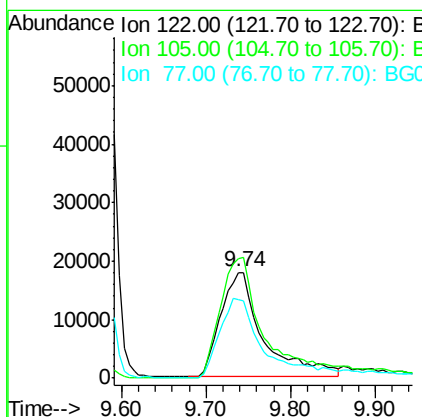
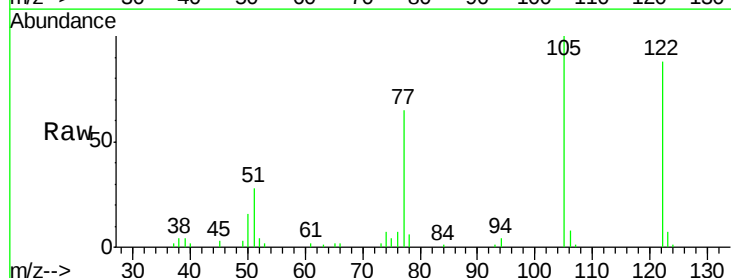
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

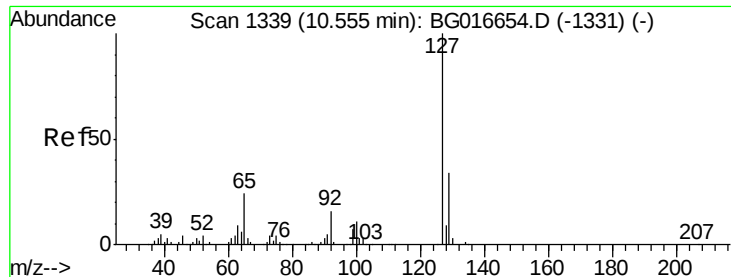
Tgt Ion:128 Resp: 482207
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 35.46 ng
RT: 9.74 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:122 Resp: 62491
Ion Ratio Lower Upper
122 100
105 113.9 97.2 137.2
77 74.1 58.4 98.4

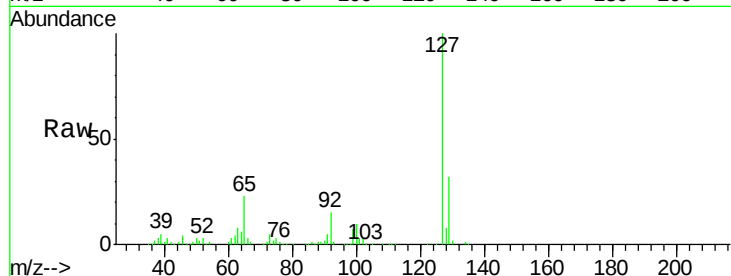




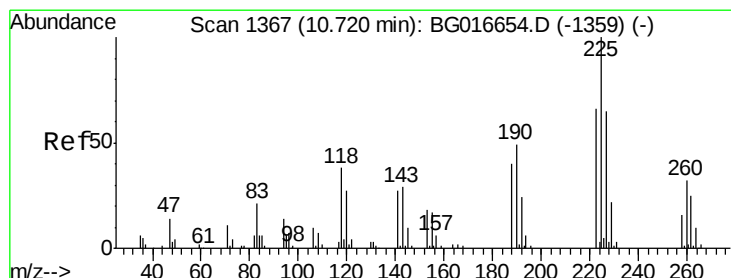
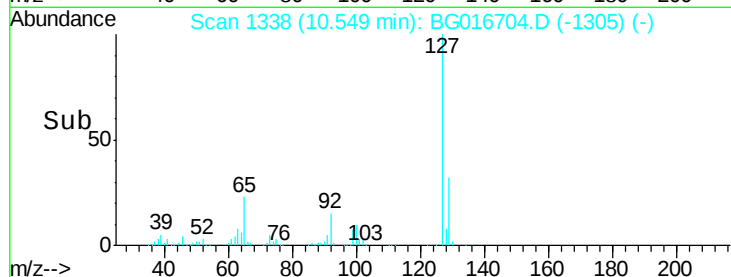
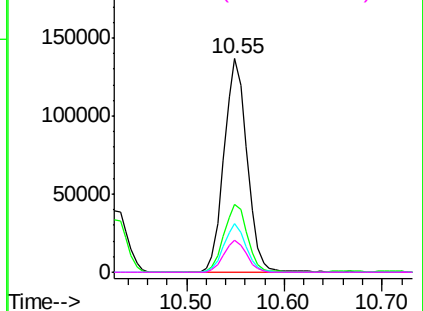
#33
4-Chloroaniline
Concen: 42.07 ng
RT: 10.55 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	224212
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.4	41.2
65	22.6	19.1	28.7
92	15.1	12.6	18.8

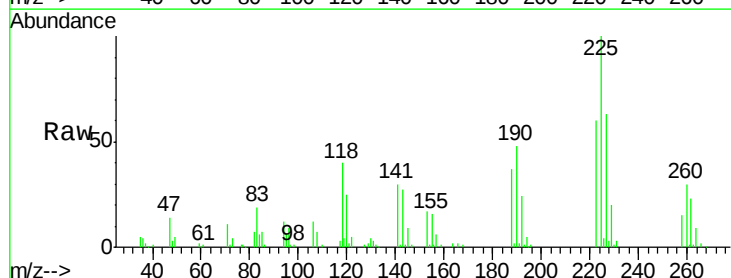


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

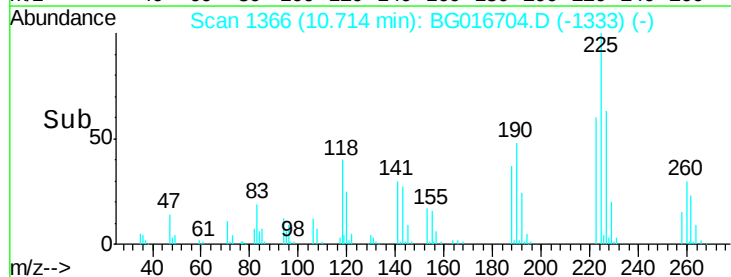
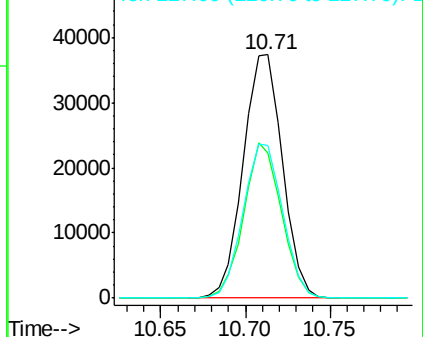


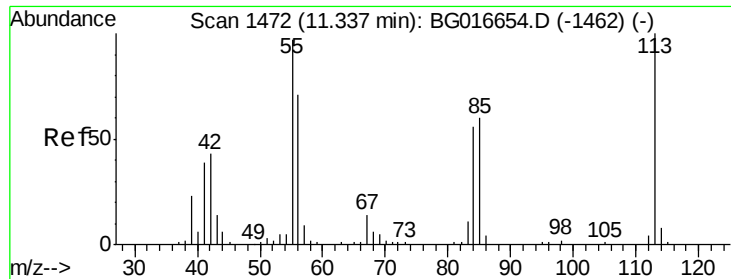
#34
Hexachlorobutadiene
Concen: 42.47 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:	225	Resp:	60376
Ion	Ratio	Lower	Upper
225	100		
223	59.7	52.6	79.0
227	62.5	52.0	78.0



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

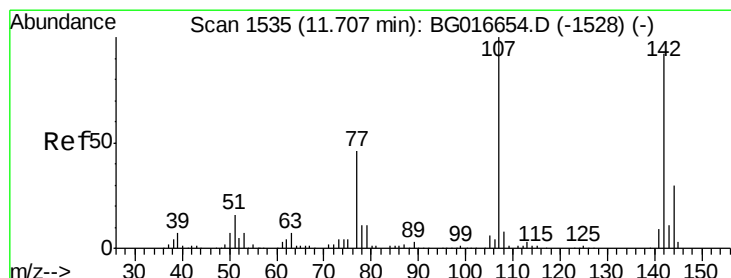
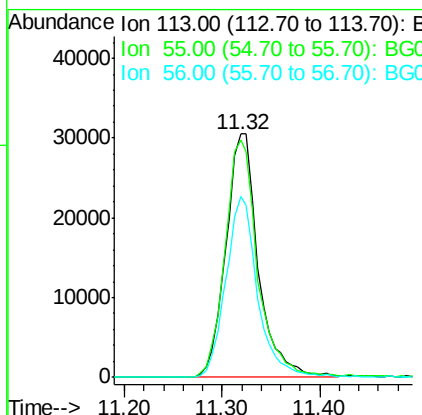
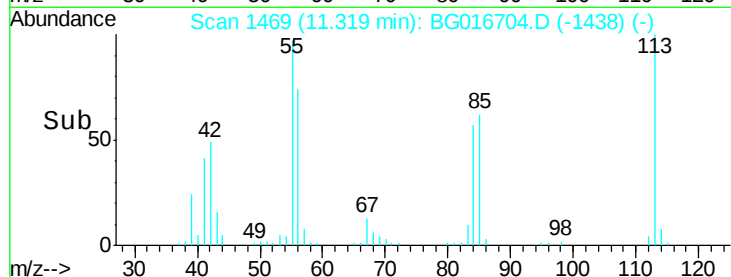
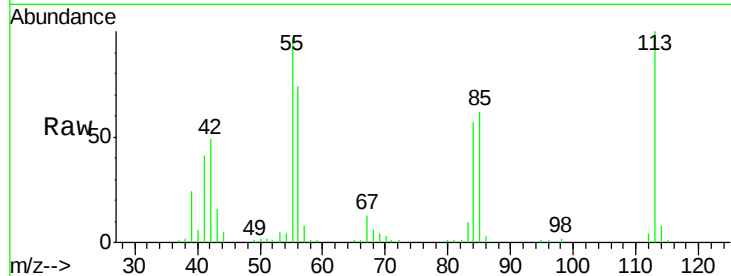




#35
 Caprolactam
 Concen: 43.48 ng
 RT: 11.32 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

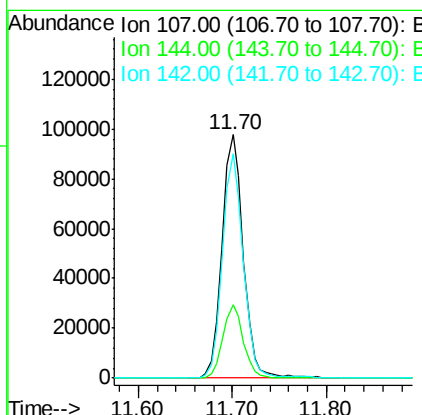
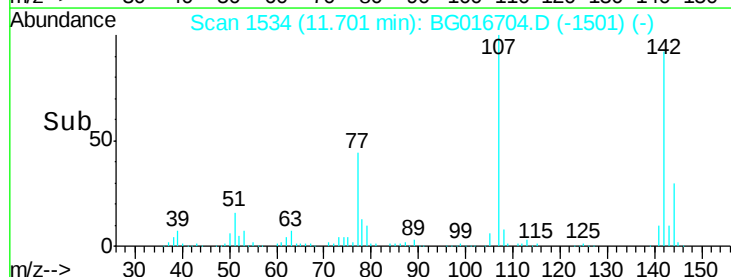
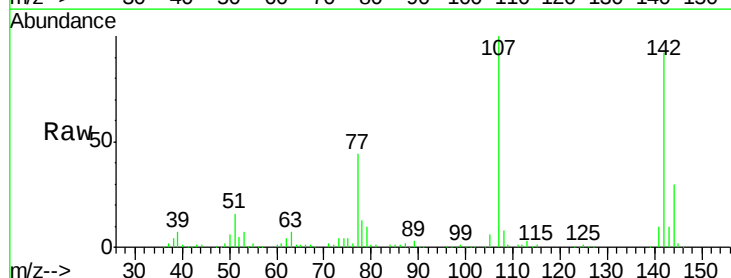
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

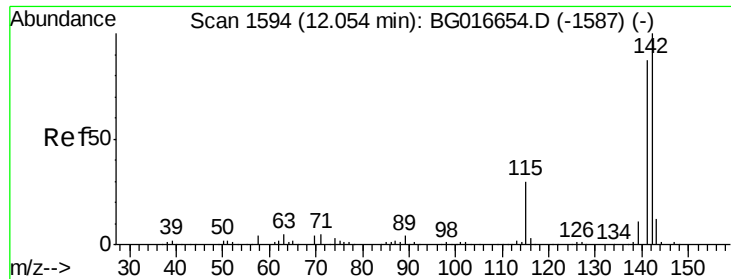
Tgt Ion:113 Resp: 70386
 Ion Ratio Lower Upper
 113 100
 55 97.5 77.1 117.1
 56 74.2 51.4 91.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.10 ng
 RT: 11.70 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion:107 Resp: 153992
 Ion Ratio Lower Upper
 107 100
 144 30.0 24.2 36.4
 142 92.3 73.8 110.6

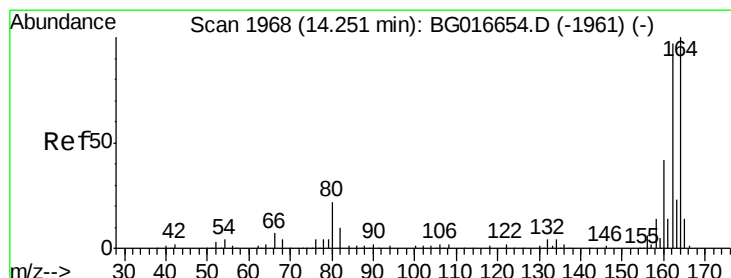
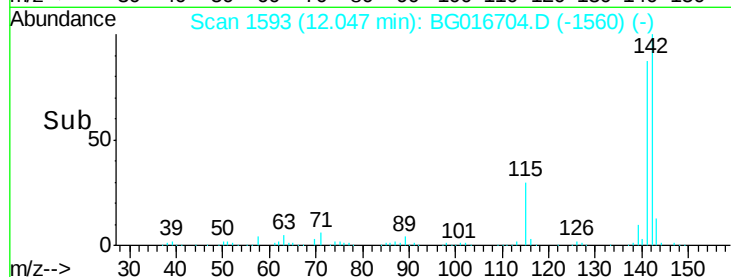
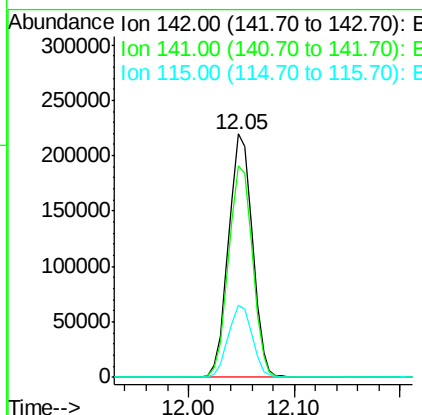
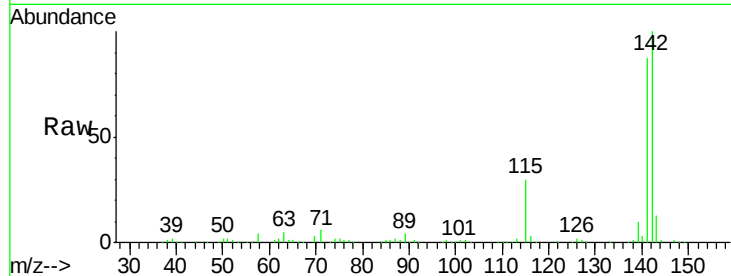




#37
 2-Methylnaphthalene
 Concen: 41.08 ng
 RT: 12.05 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

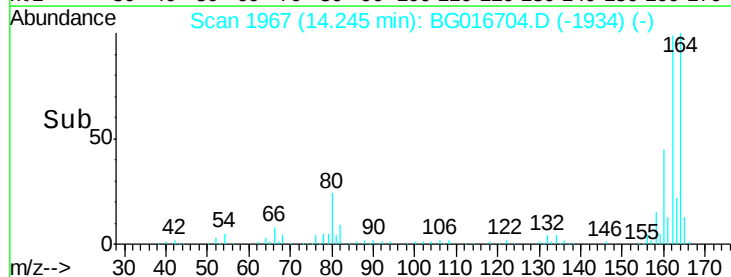
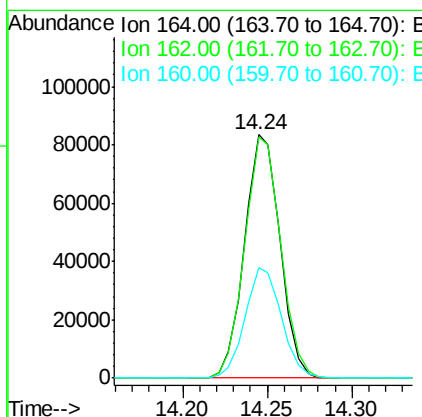
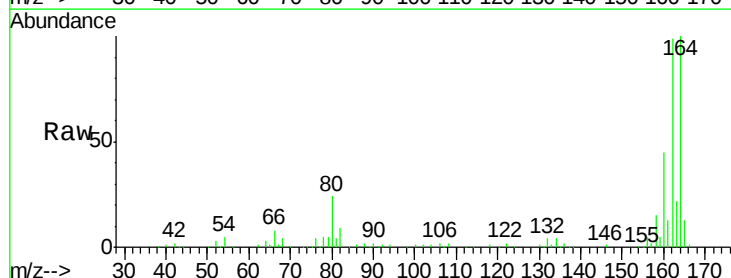
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

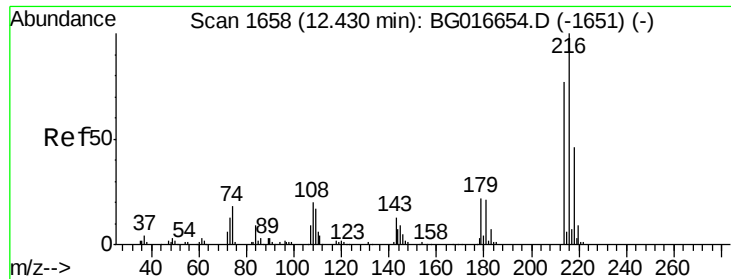
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.9	104.9
115	29.7	24.0	36.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.3	115.9
160	45.5	33.7	50.5

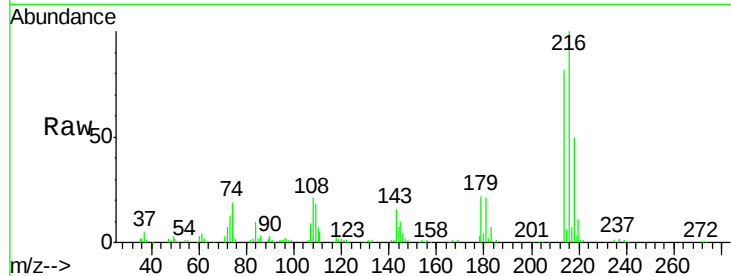




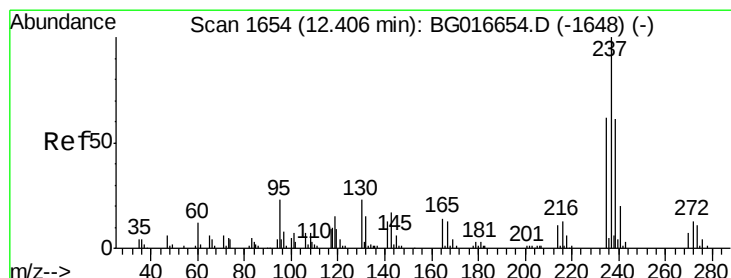
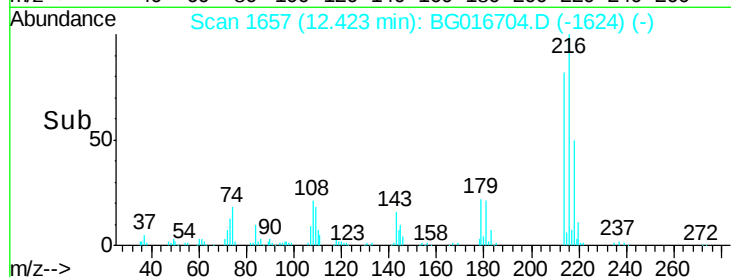
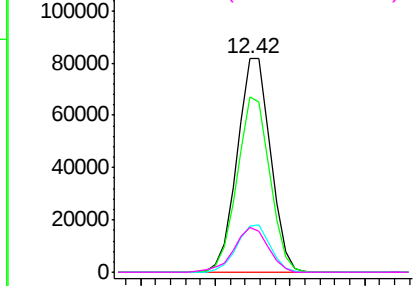
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.53 ng
 RT: 12.42 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	126375
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.8
179	22.1	17.6	26.4
108	21.7	18.1	27.1

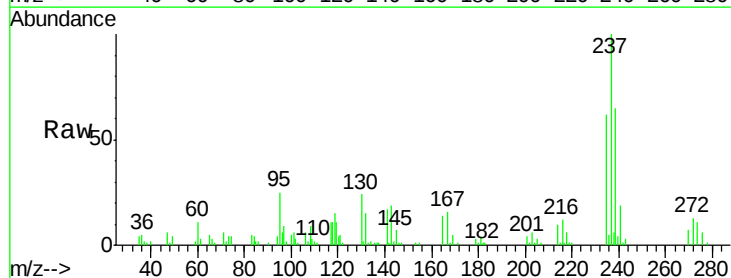


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

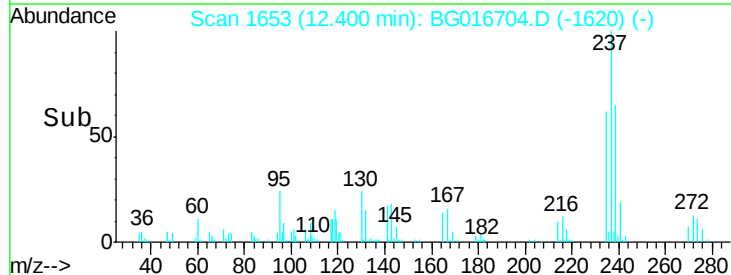
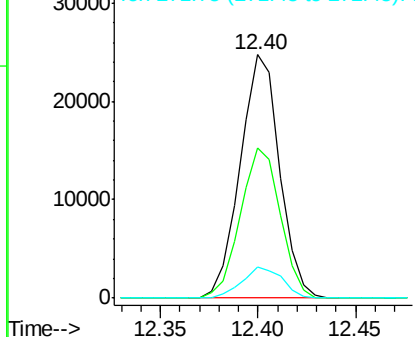


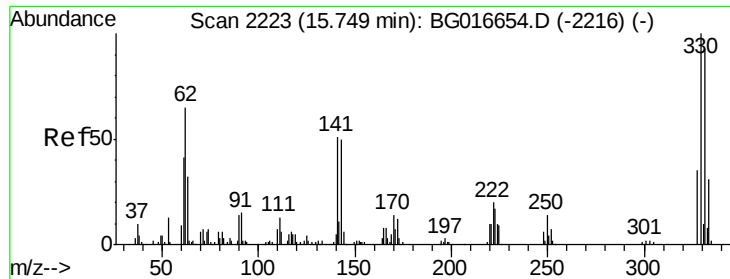
#40
 Hexachlorocyclopentadiene
 Concen: 35.14 ng
 RT: 12.40 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion:	237	Resp:	34487
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.2	82.2
272	12.9	0.0	32.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

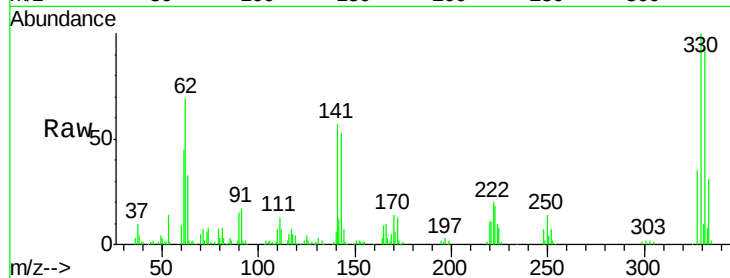




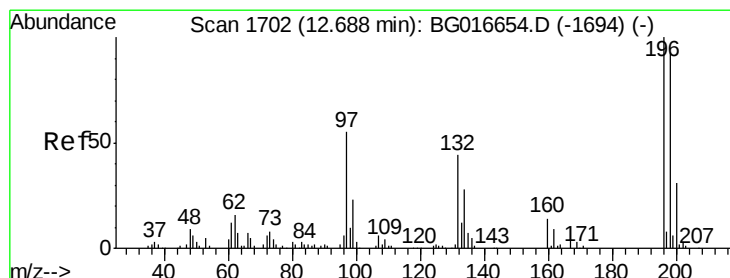
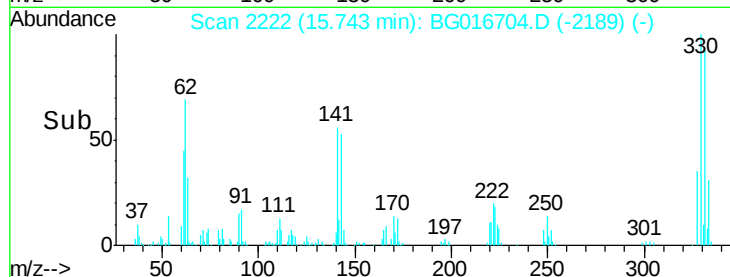
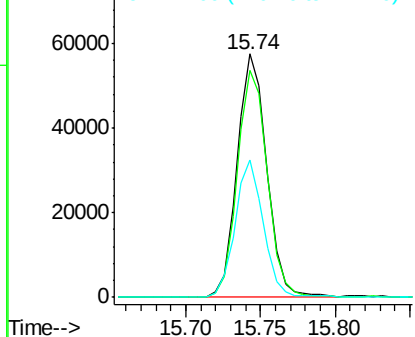
#41
 2,4,6-Tribromophenol
 Concen: 87.79 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 79364
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 54.2 43.0 64.6

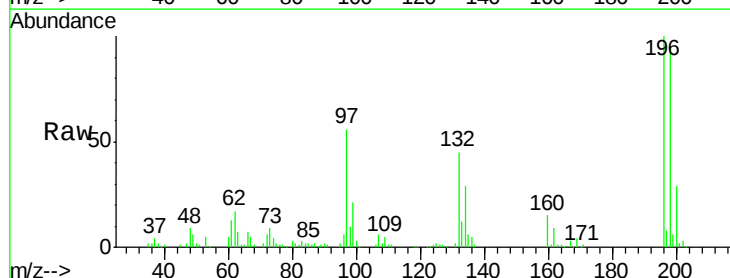


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

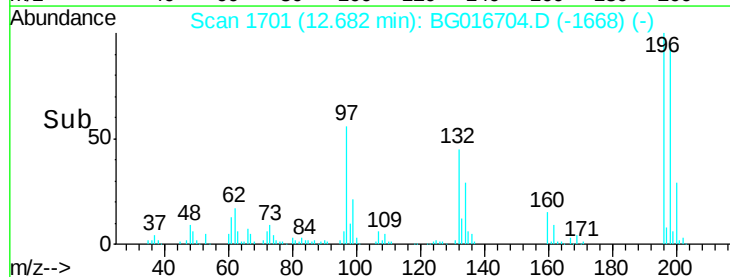
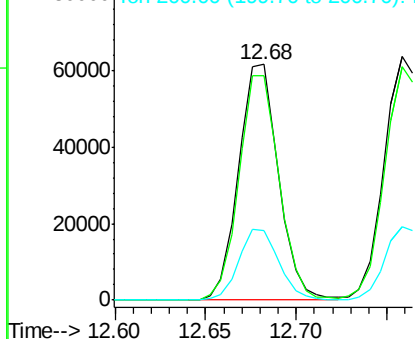


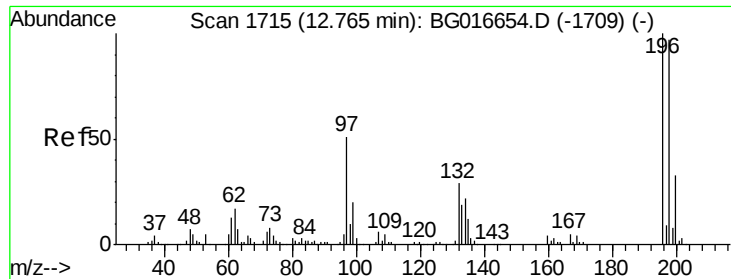
#42
 2,4,6-Trichlorophenol
 Concen: 44.42 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion:196 Resp: 94243
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 111.8
 200 29.3 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

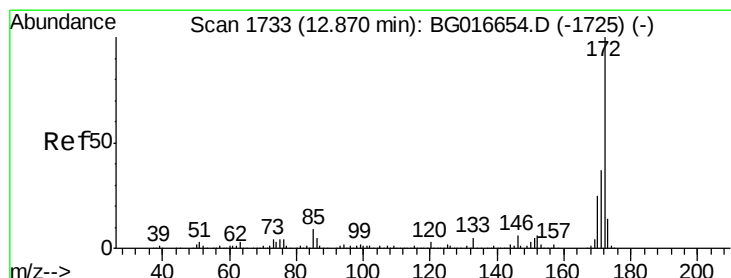
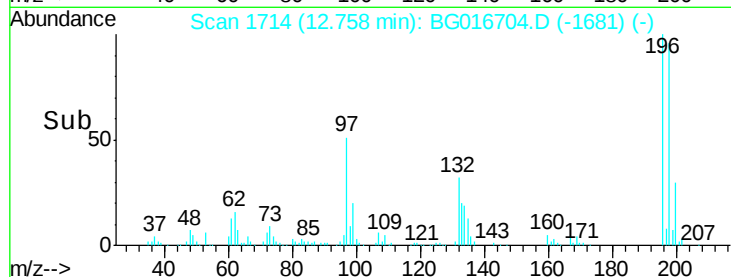
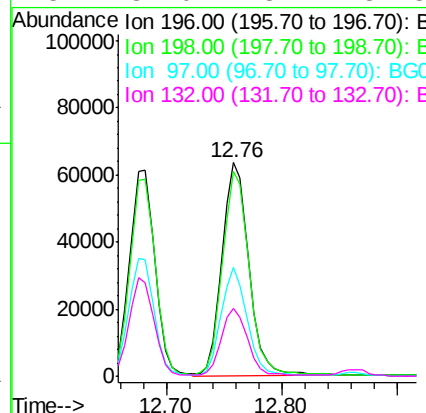
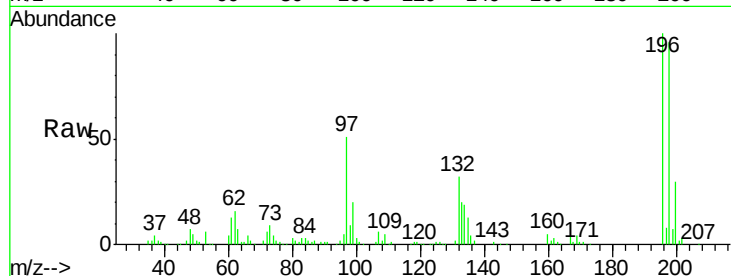




#43
 2,4,5-Trichlorophenol
 Concen: 45.50 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

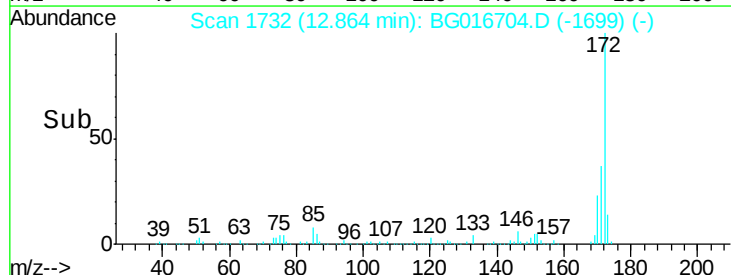
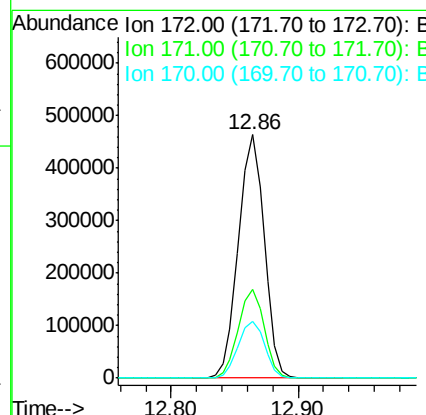
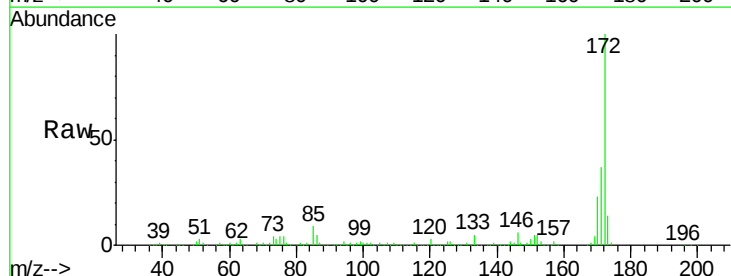
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

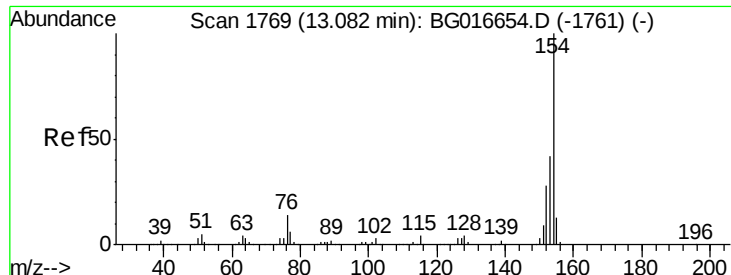
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.4	116.0
97	51.2	40.9	61.3
132	32.0	23.2	34.8



#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	23.5	19.8	29.8

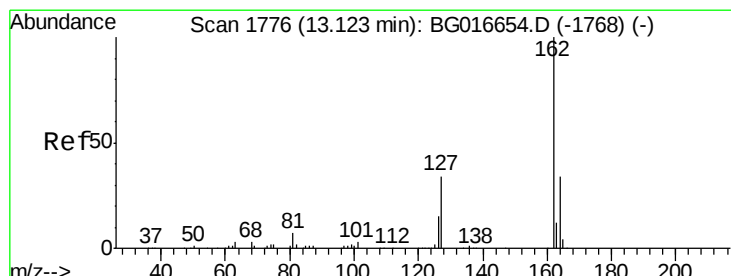
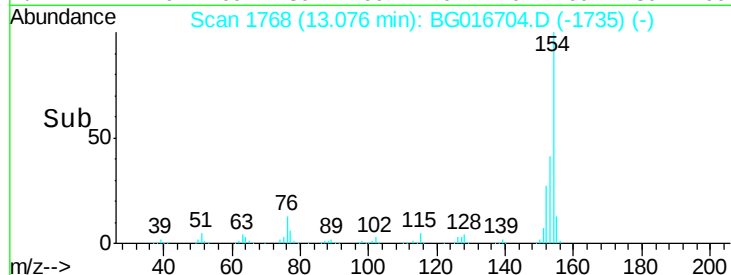
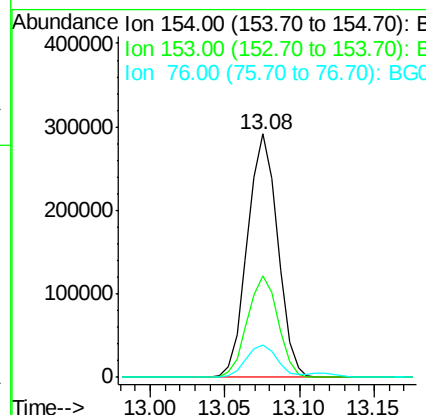
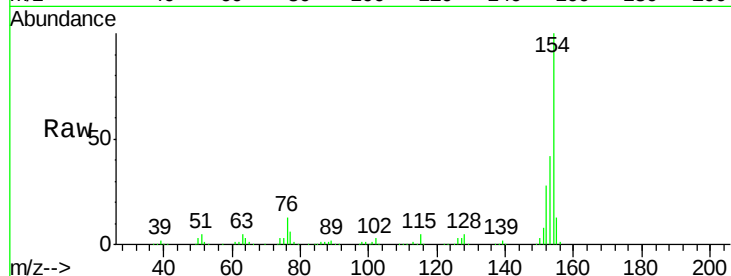




#45
 1,1'-Biphenyl
 Concen: 42.74 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

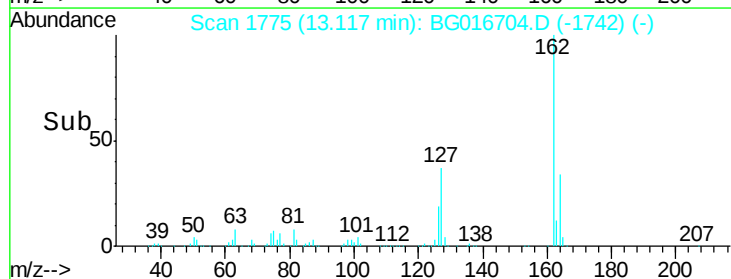
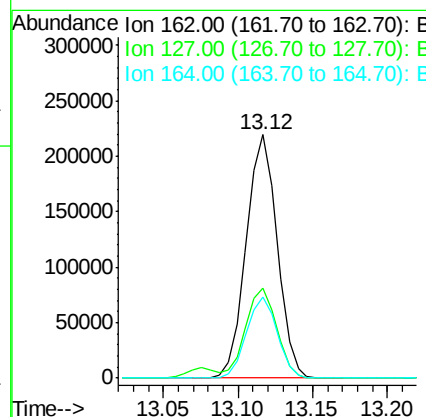
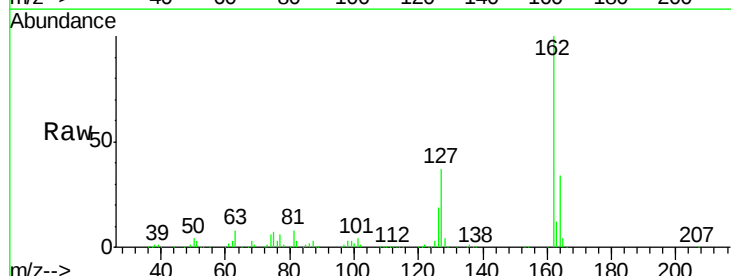
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

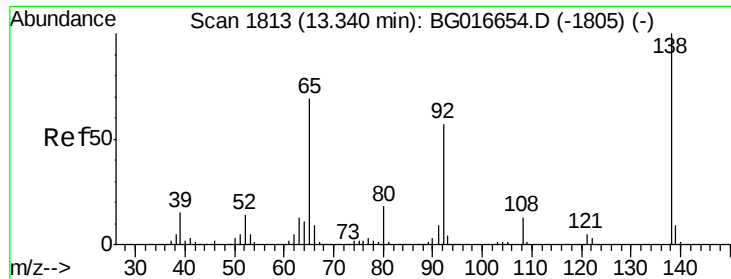
Tgt Ion:154 Resp: 409061
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.8 61.8
 76 13.4 0.0 33.7



#46
 2-Chloronaphthalene
 Concen: 42.74 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion:162 Resp: 314461
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.4 45.6
 164 33.5 26.9 40.3

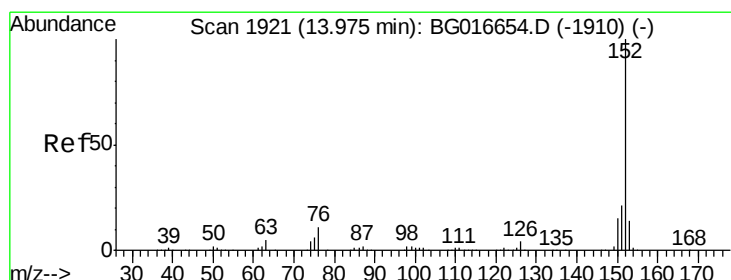
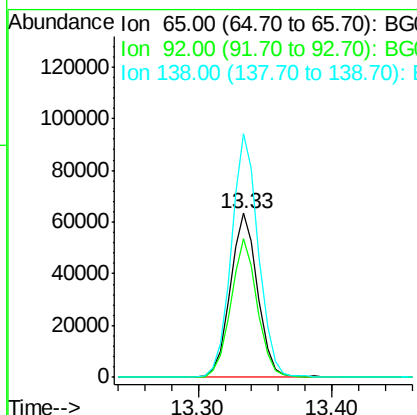
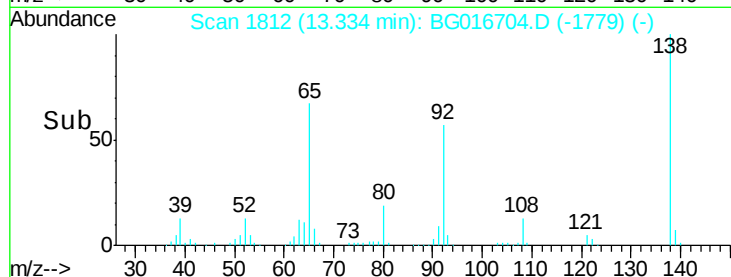
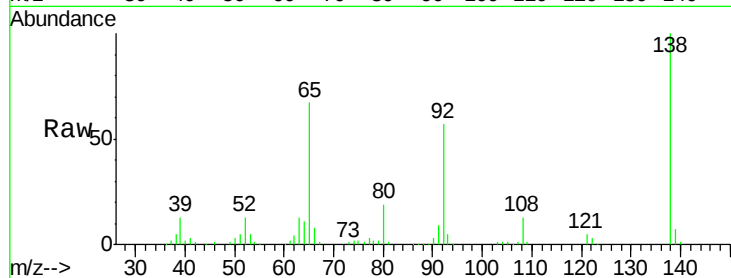




#47
 2-Nitroaniline
 Concen: 45.10 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

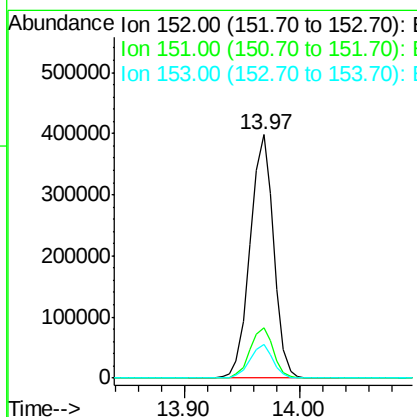
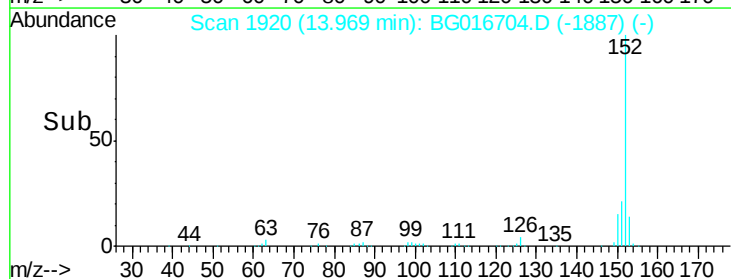
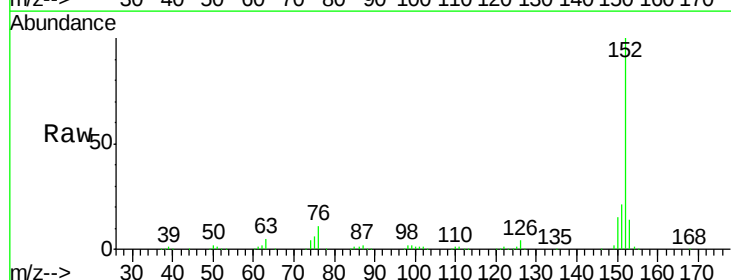
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

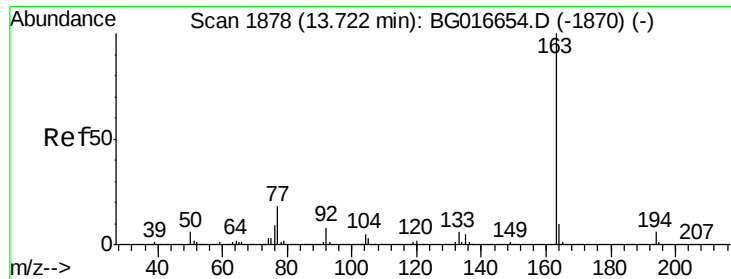
Tgt Ion: 65 Resp: 90511
 Ion Ratio Lower Upper
 65 100
 92 84.5 65.9 98.9
 138 148.3 115.4 173.2



#48
 Acenaphthylene
 Concen: 43.67 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG016704.D
 Acq: 25 Apr 2015 6:42

Tgt Ion: 152 Resp: 562672
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.7 25.1
 153 13.7 11.0 16.6





#49

Dimethylphthalate

Concen: 42.19 ng

RT: 13.72 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

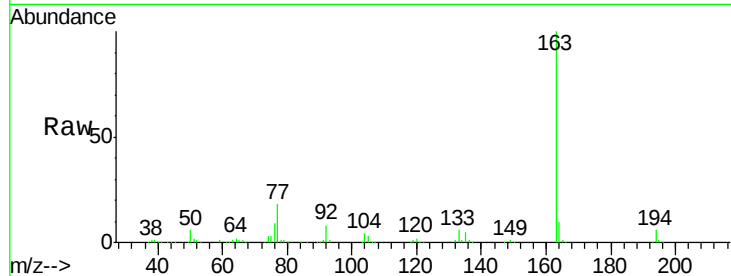
Tgt Ion:163 Resp: 384608

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

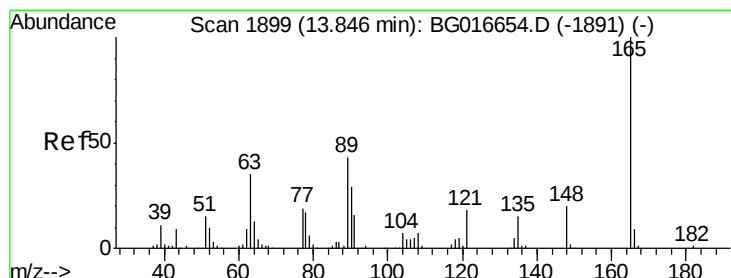
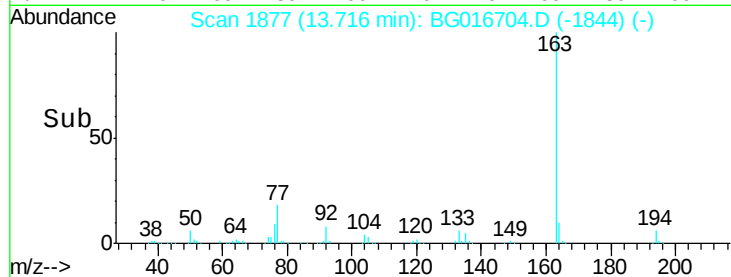
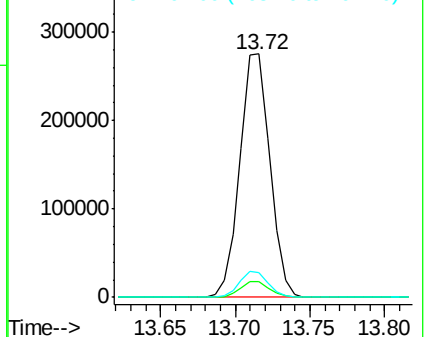
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.31 ng

RT: 13.84 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

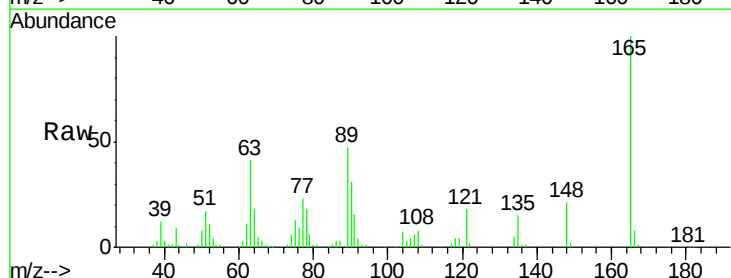
Tgt Ion:165 Resp: 96887

Ion Ratio Lower Upper

165 100

63 41.1 31.5 47.3

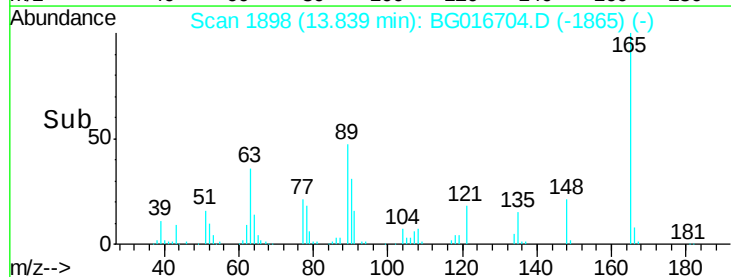
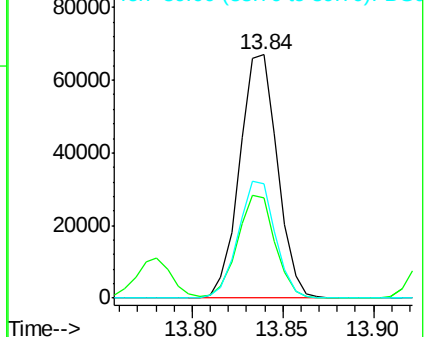
89 46.9 34.7 52.1

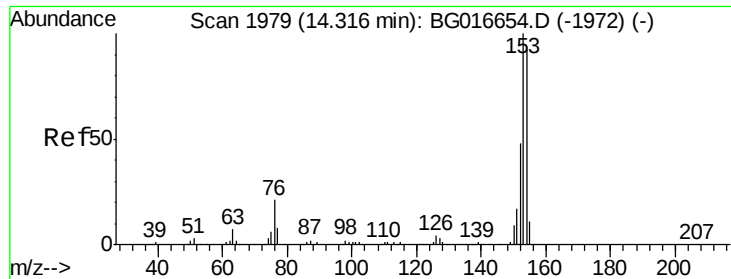


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

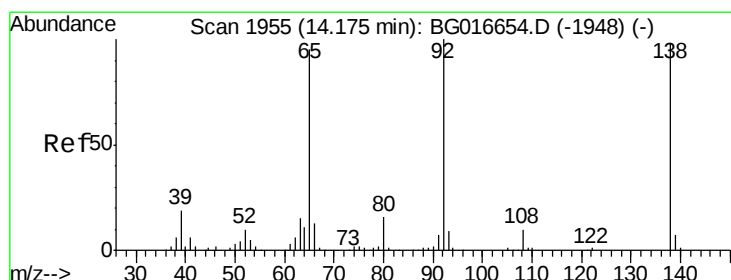
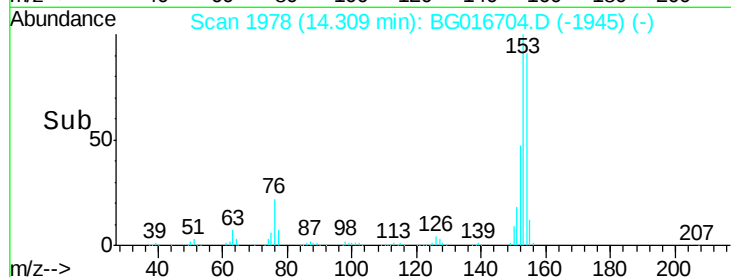
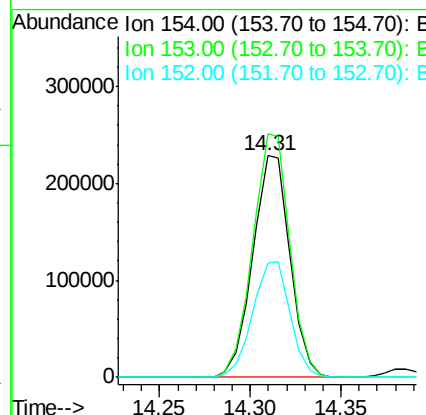
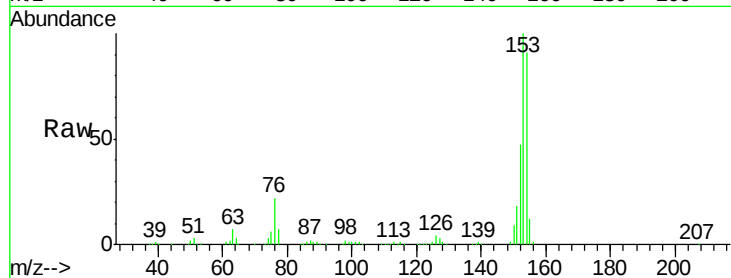




#51
Acenaphthene
Concen: 42.38 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

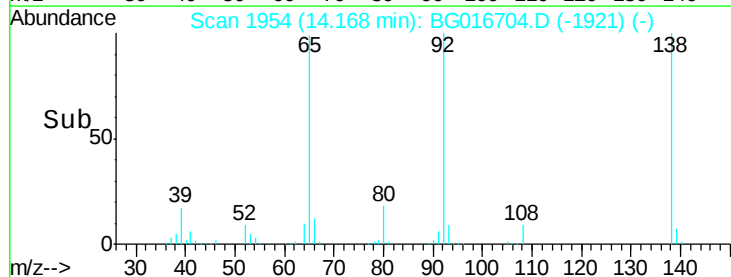
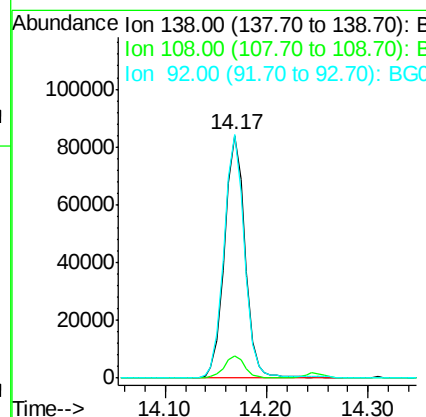
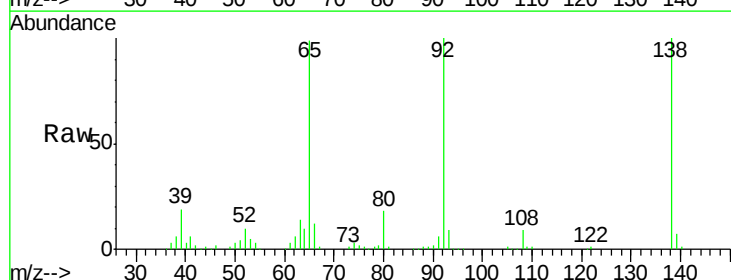
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

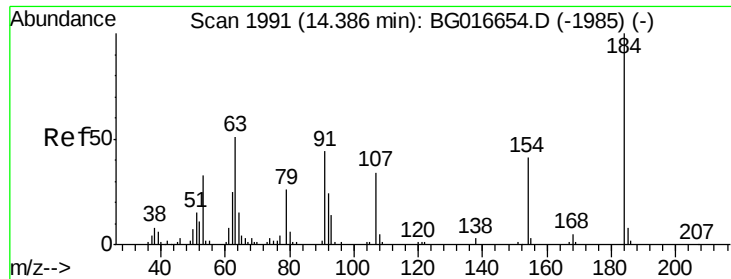
Tgt Ion:154 Resp: 327769
Ion Ratio Lower Upper
154 100
153 110.0 87.0 130.6
152 51.8 41.6 62.4



#52
3-Nitroaniline
Concen: 43.92 ng
RT: 14.17 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:138 Resp: 118739
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.6
92 100.2 81.9 122.9

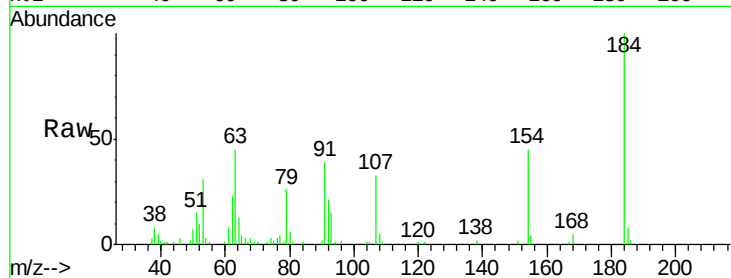




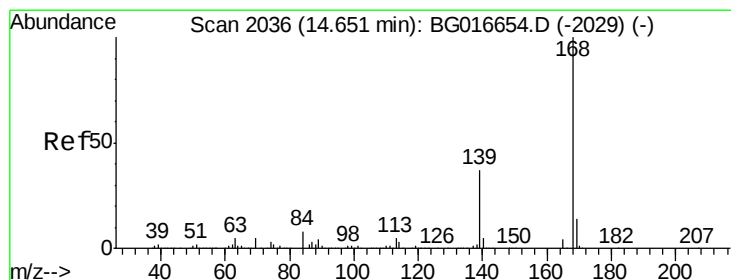
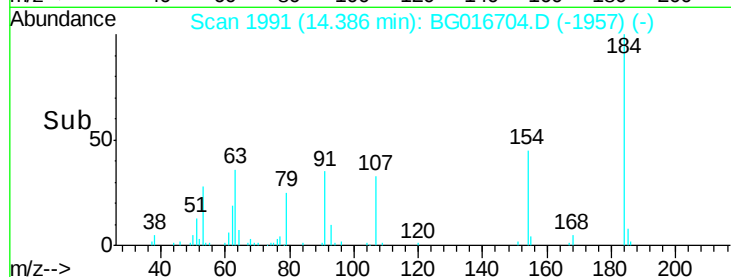
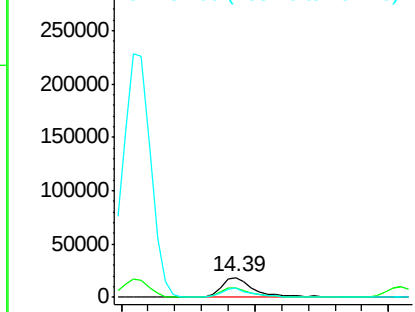
#53
2,4-Dinitrophenol
Concen: 31.59 ng
RT: 14.39 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 32238
Ion Ratio Lower Upper
184 100
63 44.8 40.7 61.1
154 45.2 34.1 51.1

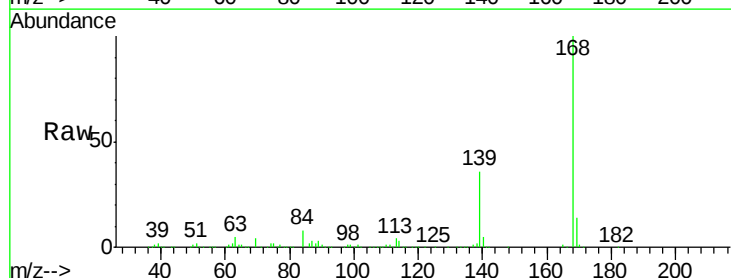


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

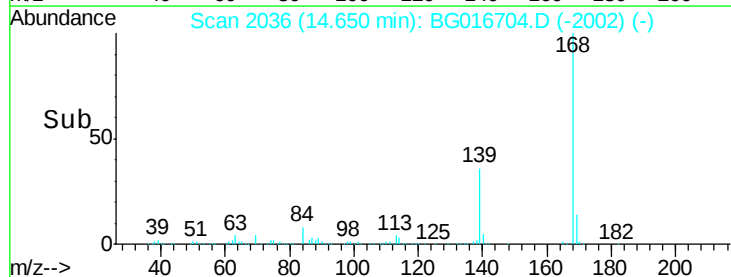
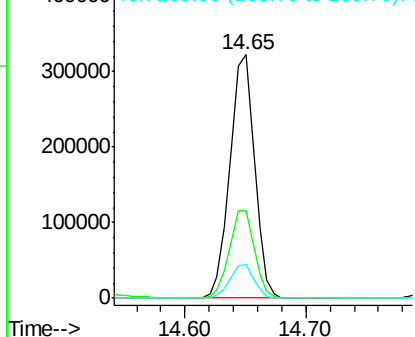


#54
Dibenzofuran
Concen: 42.16 ng
RT: 14.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:168 Resp: 459902
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8
169 13.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

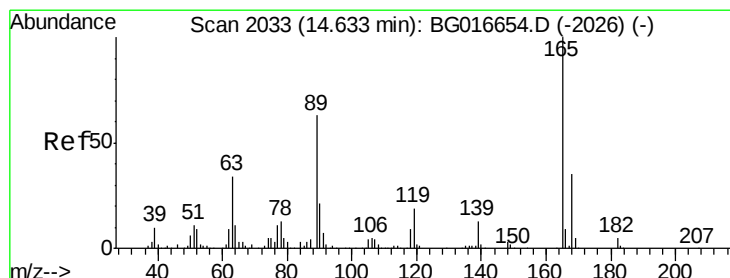
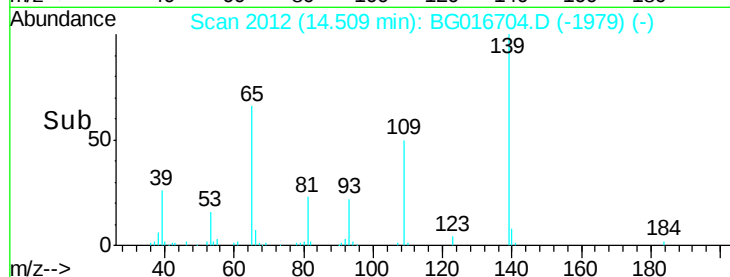
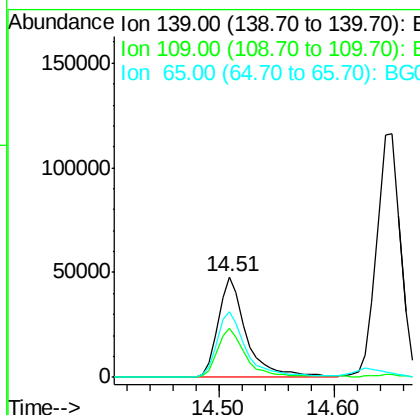
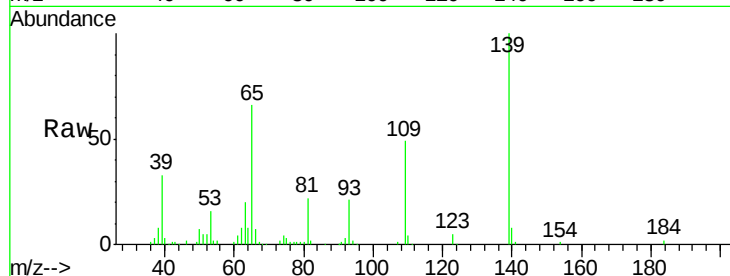




#55
4-Nitrophenol
Concen: 40.24 ng
RT: 14.51 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

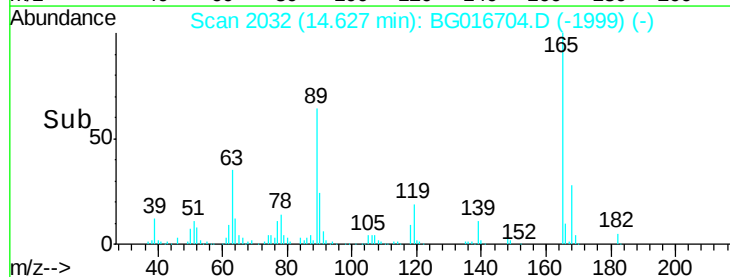
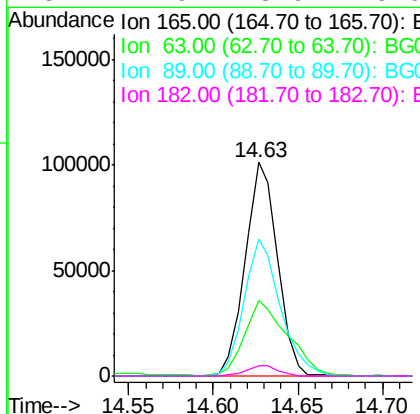
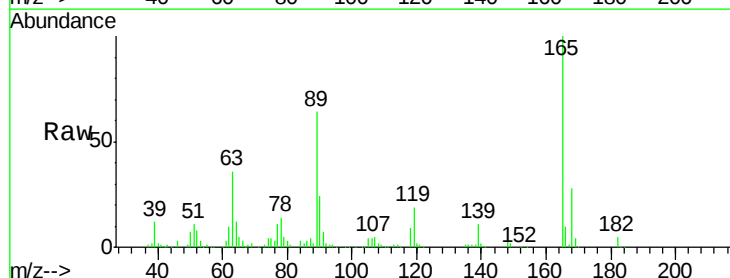
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

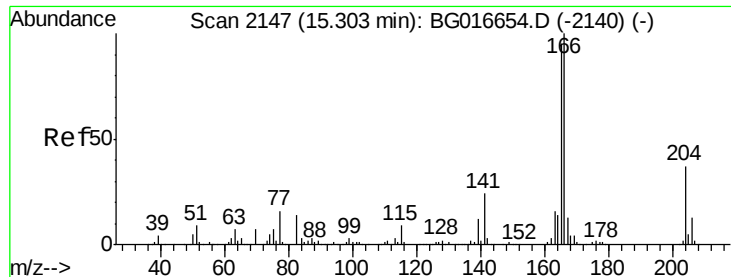
Tgt Ion:139 Resp: 81522
Ion Ratio Lower Upper
139 100
109 48.7 27.8 67.8
65 65.9 46.3 86.3



#56
2,4-Dinitrotoluene
Concen: 43.97 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:165 Resp: 134730
Ion Ratio Lower Upper
165 100
63 35.7 27.4 41.0
89 64.2 50.6 75.8
182 4.9 3.9 5.9





#57

Fluorene

Concen: 42.47 ng

RT: 15.30 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

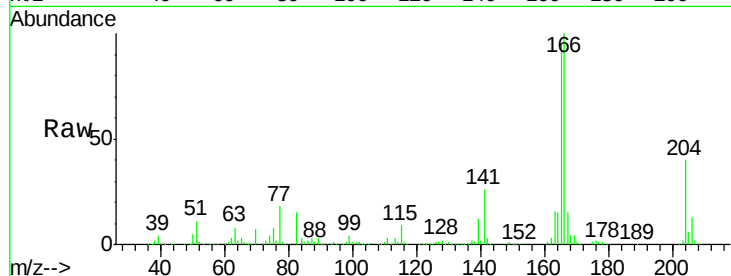
Tgt Ion:166 Resp: 404979

Ion Ratio Lower Upper

166 100

165 94.7 75.6 113.4

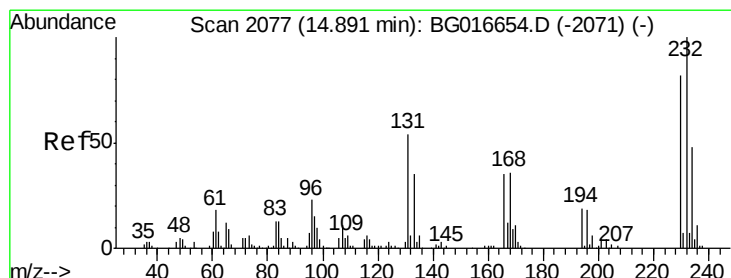
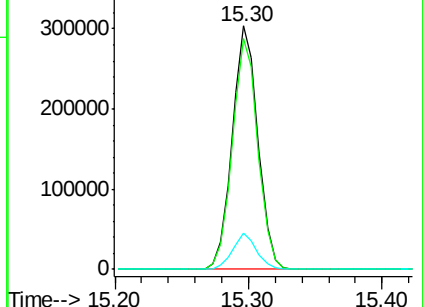
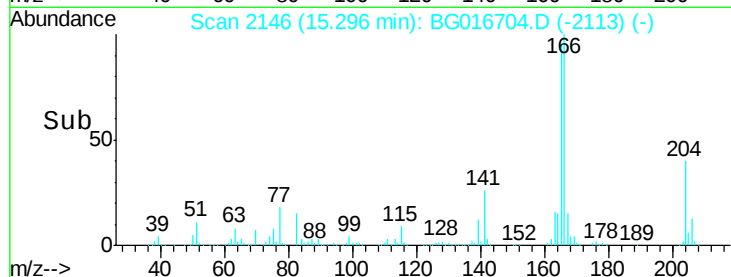
167 14.7 10.7 16.1



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: 43.24 ng

RT: 14.89 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BG016704.D

Acq: 25 Apr 2015 6:42

Tgt Ion:232 Resp: 73451

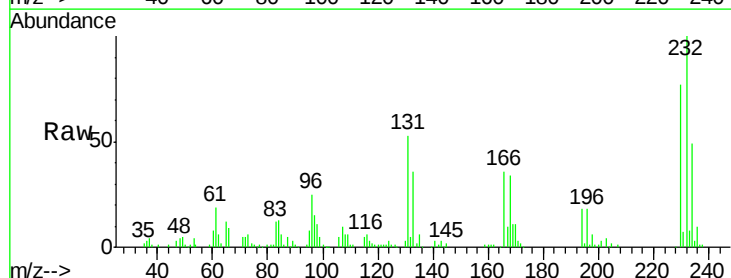
Ion Ratio Lower Upper

232 100

131 52.9 43.9 65.9

130 3.2 2.4 3.6

166 34.9 29.5 44.3

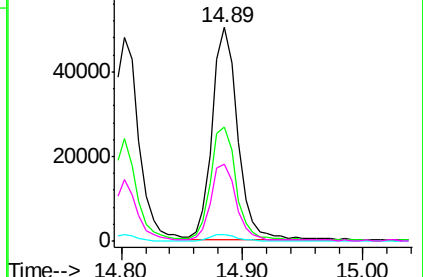
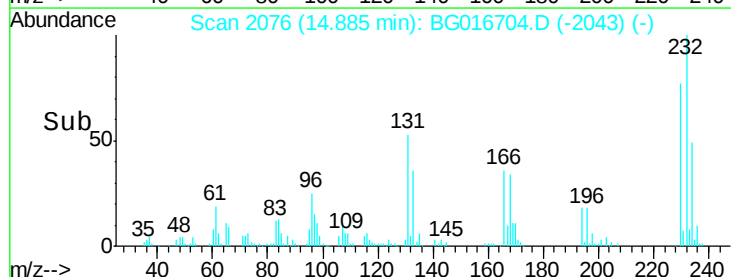


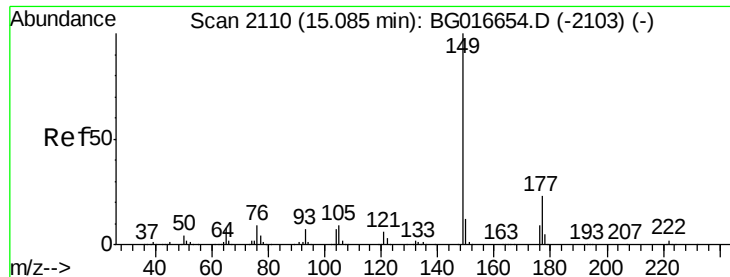
Abundance Ion 232.00 (231.70 to 232.70): E

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

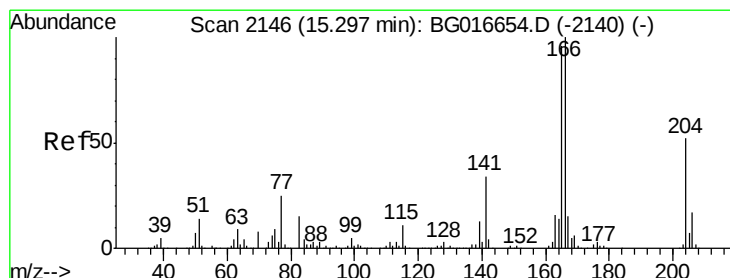
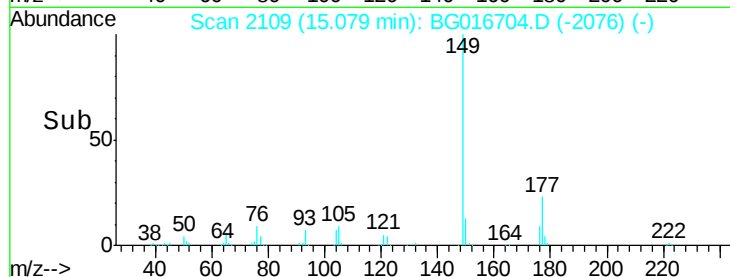
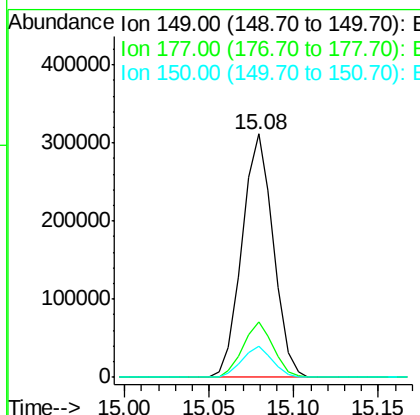
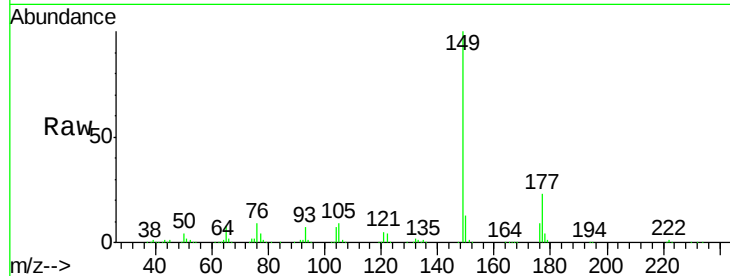




#59
Diethylphthalate
Concen: 42.15 ng
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 400439
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.56 ng
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG016704.D
Acq: 25 Apr 2015 6:42

Tgt Ion:204 Resp: 165497
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 64.4 52.3 78.5

