

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017961.D
 Acq On : 18 Jul 2015 13:27
 Operator : TP/UM
 Sample : PB84574BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84574BS

Quant Time: Jul 20 01:55:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	97172	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	433501	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	266260	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	559595	20.00	ng	0.00
75) Chrysene-d12	21.20	240	585330	20.00	ng	0.00
86) Perylene-d12	23.42	264	574085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	679370	121.96	ng	0.00
7) Phenol-d6	6.77	99	873519	119.70	ng	0.00
23) Nitrobenzene-d5	8.74	82	498569	74.49	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	328147	121.64	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1192085	77.59	ng	0.00
78) Terphenyl-d14	19.64	244	1742249	74.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	72771	29.72	ng	92
3) Pyridine	3.53	79	194991	29.80	ng	# 87
4) n-Nitrosodimethylamine	3.45	42	85399	34.38	ng	# 67
6) Aniline	6.92	93	263724	27.10	ng	96
8) 2-Chlorophenol	7.15	128	262503	39.97	ng	97
9) Benzaldehyde	6.73	77	77218	17.27	ng	95
10) Phenol	6.80	94	304020	39.03	ng	93
11) bis(2-Chloroethyl)ether	7.02	93	224630	36.87	ng	92
12) 1,3-Dichlorobenzene	7.48	146	255026	35.37	ng	98
13) 1,4-Dichlorobenzene	7.62	146	260563	35.25	ng	99
14) 1,2-Dichlorobenzene	7.93	146	249006	35.26	ng	99
15) Benzyl Alcohol	7.83	79	201224	37.28	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.12	45	246699	33.61	ng	95
17) 2-Methylphenol	8.03	107	212005	39.04	ng	96
18) Hexachloroethane	8.65	117	96898	34.71	ng	93
19) n-Nitroso-di-n-propylamine	8.39	70	173356	32.53	ng	# 88
20) 3+4-Methylphenols	8.36	107	285101	38.79	ng	97
22) Acetophenone	8.40	105	324627	34.67	ng	# 92
24) Nitrobenzene	8.78	77	252240	35.37	ng	93
25) Isophorone	9.30	82	478517	34.09	ng	98
26) 2-Nitrophenol	9.49	139	132363	38.90	ng	# 89
27) 2,4-Dimethylphenol	9.56	122	242902	39.24	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	281593	36.00	ng	97
29) 2,4-Dichlorophenol	10.02	162	238965	43.34	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	233125	35.58	ng	98
31) Naphthalene	10.41	128	750824	35.39	ng	100
32) Benzoic acid	9.70	122	124294	49.55	ng	89
33) 4-Chloroaniline	10.53	127	205207	21.70	ng	95
34) Hexachlorobutadiene	10.70	225	132809	35.98	ng	97
35) Caprolactam	11.30	113	58270	20.79	ng	89
36) 4-Chloro-3-methylphenol	11.67	107	255958	40.89	ng	94
37) 2-Methylnaphthalene	12.04	142	553876	36.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	251086	35.18	ng	98
40) Hexachlorocyclopentadiene	12.39	237	322860	82.96	ng	99

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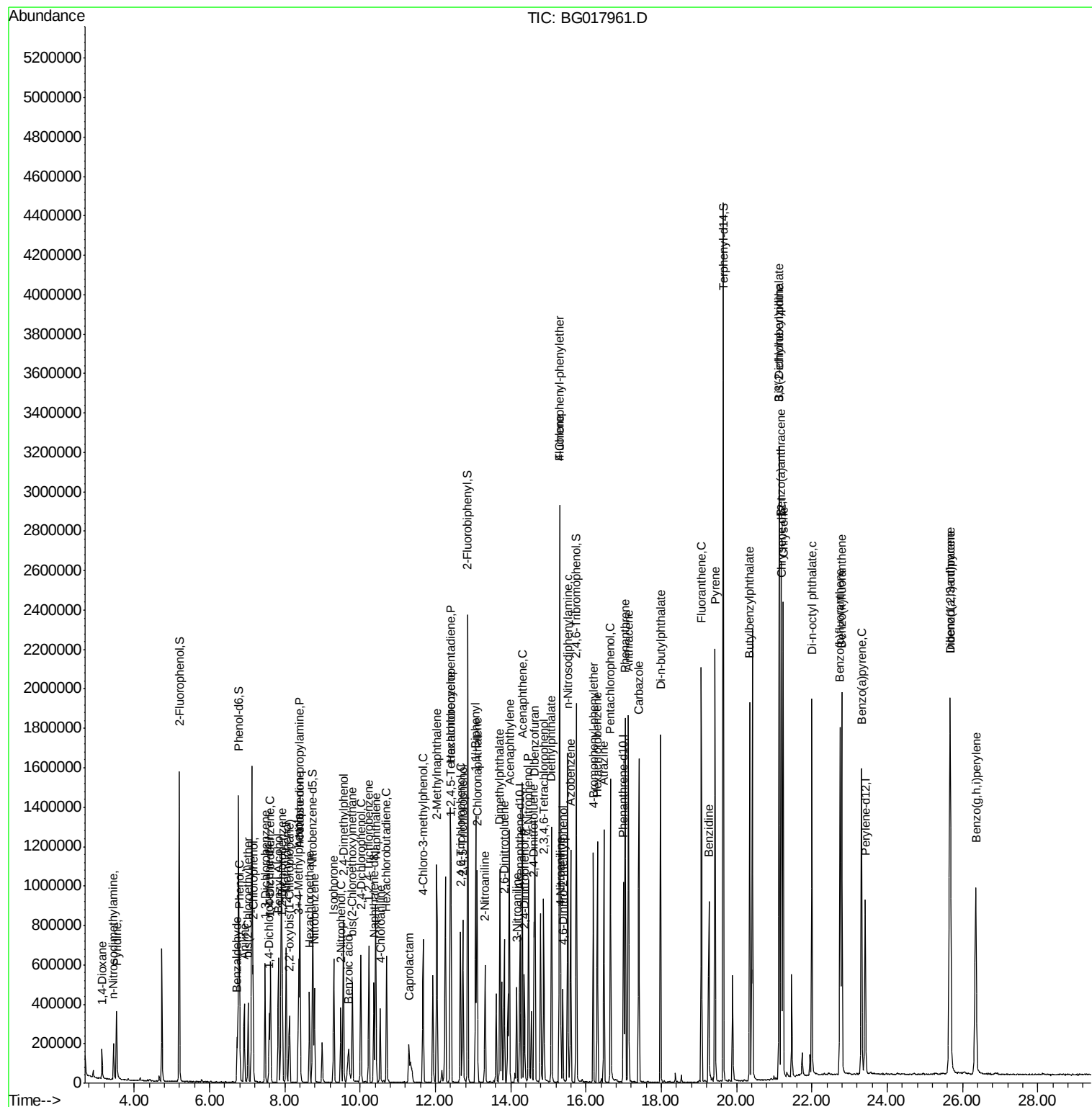
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	183612	39.56	ng	98
43) 2,4,5-Trichlorophenol	12.73	196	202101	41.87	ng	98
45) 1,1'-Biphenyl	13.07	154	681118	36.54	ng	98
46) 2-Chloronaphthalene	13.10	162	544836	36.06	ng	95
47) 2-Nitroaniline	13.32	65	148990	36.73	ng	# 82
48) Acenaphthylene	13.96	152	914358	36.29	ng	100
49) Dimethylphthalate	13.71	163	694719	37.56	ng	99
50) 2,6-Dinitrotoluene	13.83	165	163214	38.94	ng	# 87
51) Acenaphthene	14.31	154	549036	35.99	ng	99
52) 3-Nitroaniline	14.16	138	134852	28.62	ng	91
53) 2,4-Dinitrophenol	14.36	184	143698	67.95	ng	93
54) Dibenzofuran	14.64	168	831741	37.78	ng	99
55) 4-Nitrophenol	14.47	139	307613	82.53	ng	85
56) 2,4-Dinitrotoluene	14.62	165	222557	39.59	ng	92
57) Fluorene	15.30	166	704962	37.26	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.87	232	176988	42.54	ng	95
59) Diethylphthalate	15.08	149	721807	37.68	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	352246	37.97	ng	98
61) 4-Nitroaniline	15.33	138	195197	35.36	ng	93
62) Azobenzene	15.59	77	655186	37.01	ng	94
64) 4,6-Dinitro-2-methylphenol	15.38	198	117489	41.90	ng	82
65) n-Nitrosodiphenylamine	15.51	169	622333	36.99	ng	99
66) 4-Bromophenyl-phenylether	16.20	248	214868	38.32	ng	93
67) Hexachlorobenzene	16.30	284	236269	37.96	ng	93
68) Atrazine	16.47	200	221112	40.01	ng	94
69) Pentachlorophenol	16.65	266	278532	71.57	ng	98
70) Phenanthrene	17.04	178	1062019	36.79	ng	99
71) Anthracene	17.13	178	1084909	38.63	ng	97
72) Carbazole	17.41	167	1014121	38.22	ng	99
73) Di-n-butylphthalate	17.98	149	1243902	38.24	ng	98
74) Fluoranthene	19.07	202	1194867	37.81	ng	99
76) Benzidine	19.26	184	505847	30.43	ng	97
77) Pyrene	19.43	202	1231040	37.71	ng	99
79) Butylbenzylphthalate	20.35	149	593383	40.59	ng	90
80) Benzo(a)anthracene	21.18	228	1167916	37.78	ng	99
81) 3,3'-Dichlorobenzidine	21.12	252	290529	25.92	ng	98
82) Chrysene	21.24	228	1092198	37.09	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	811488	40.31	ng	97
84) Di-n-octyl phthalate	22.00	149	1314957	41.46	ng	# 91
85) Indeno(1,2,3-cd)pyrene	25.67	276	1329939	37.35	ng	99
87) Benzo(b)fluoranthene	22.75	252	1168516	37.20	ng	97
88) Benzo(k)fluoranthene	22.79	252	1169481	37.29	ng	99
89) Benzo(a)pyrene	23.32	252	1131460	38.66	ng	98
90) Dibenzo(a,h)anthracene	25.68	278	1133203	37.34	ng	98
91) Benzo(g,h,i)perylene	26.35	276	1097483	37.51	ng	99

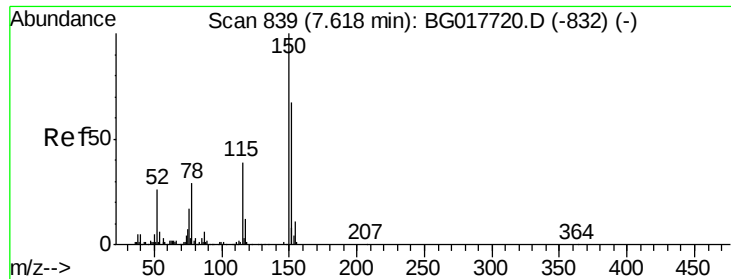
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Instrument :

BNA_G

ClientSampleId :

PB84574BS

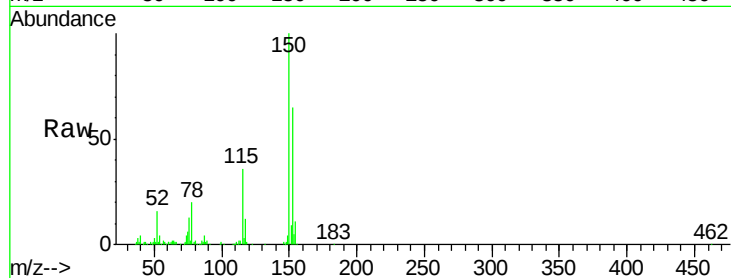
Tgt Ion:152 Resp: 97172

Ion Ratio Lower Upper

152 100

150 153.6 119.1 178.7

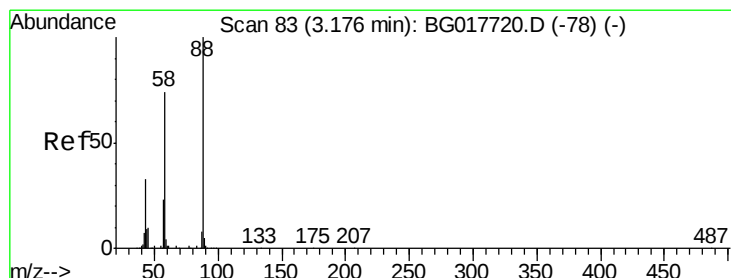
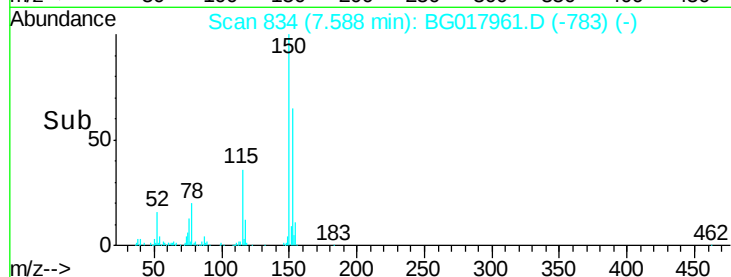
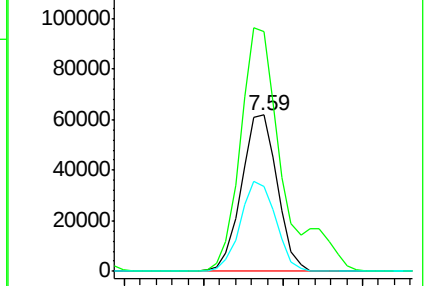
115 54.7 47.0 70.4



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: 29.72 ng

RT: 3.15 min Scan# 78

Delta R.T. -0.01 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

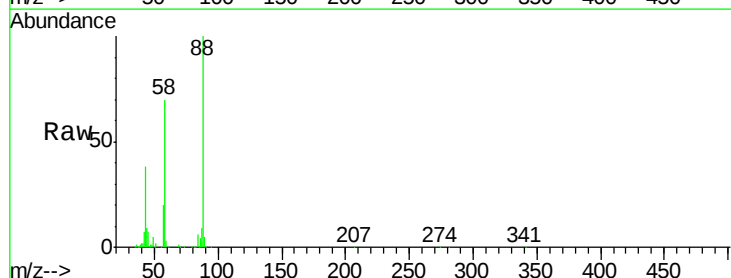
Tgt Ion: 88 Resp: 72771

Ion Ratio Lower Upper

88 100

58 64.0 55.8 83.8

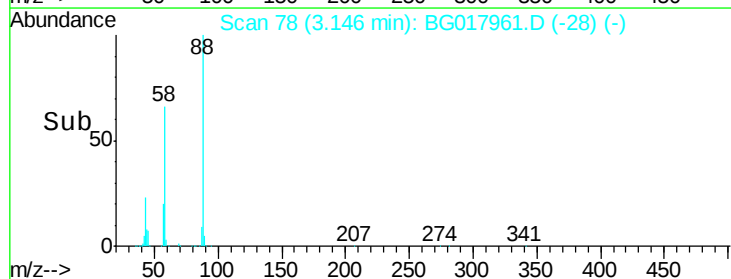
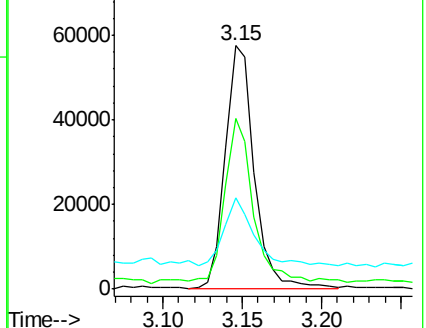
43 28.9 27.4 41.2

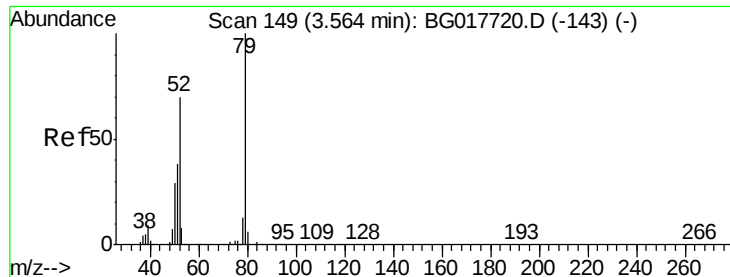


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.80 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG017961.D

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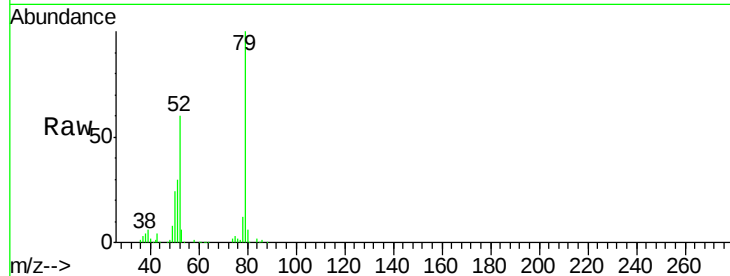
Tgt Ion: 79 Resp: 194991

Ion Ratio Lower Upper

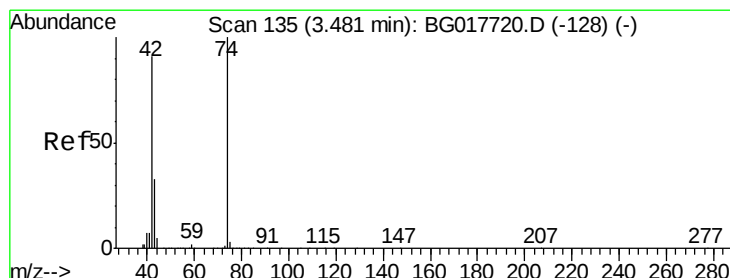
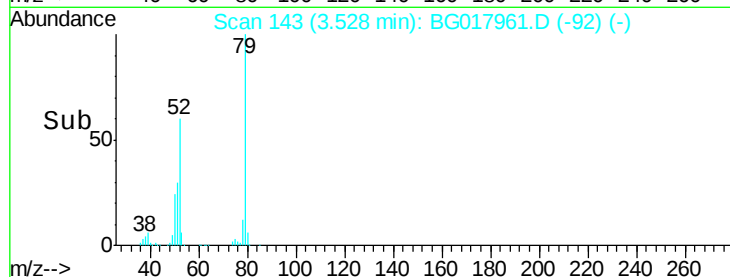
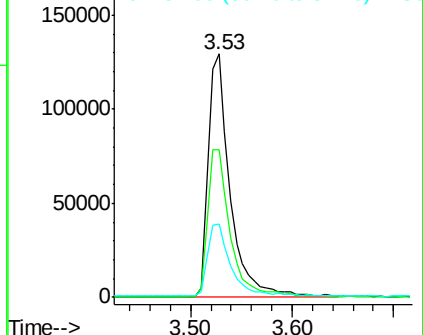
79 100

52 60.5 55.7 83.5

51 30.2 32.2 48.4#



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: 34.38 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

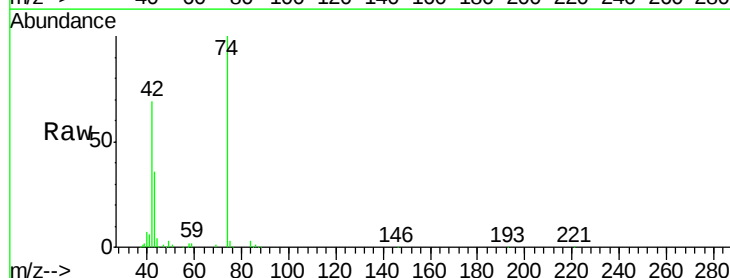
Tgt Ion: 42 Resp: 85399

Ion Ratio Lower Upper

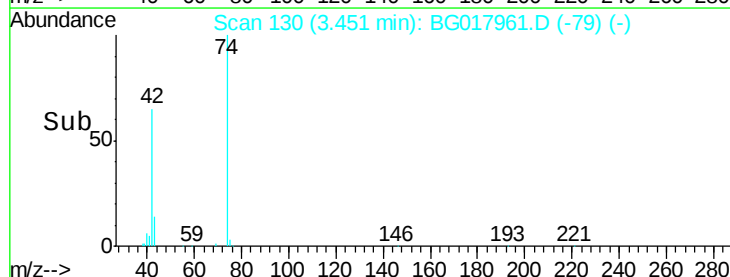
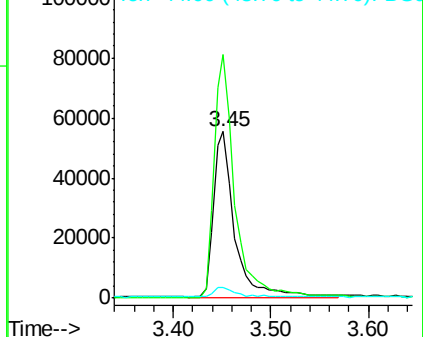
42 100

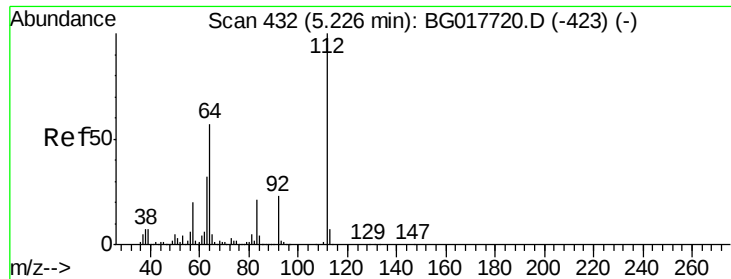
74 146.0 87.4 131.2#

44 6.5 6.4 9.6



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: 121.96 ng

RT: 5.20 min Scan# 427

Delta R.T. 0.01 min

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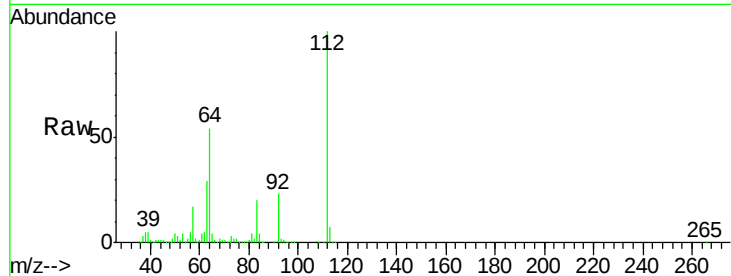
Tgt Ion: 112 Resp: 679370

Ion Ratio Lower Upper

112 100

64 53.9 45.4 68.0

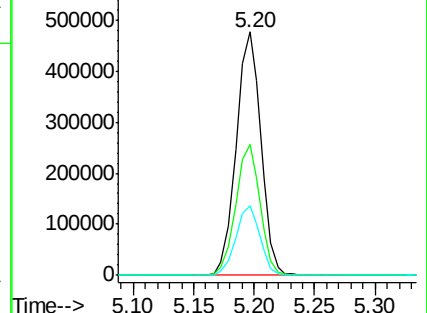
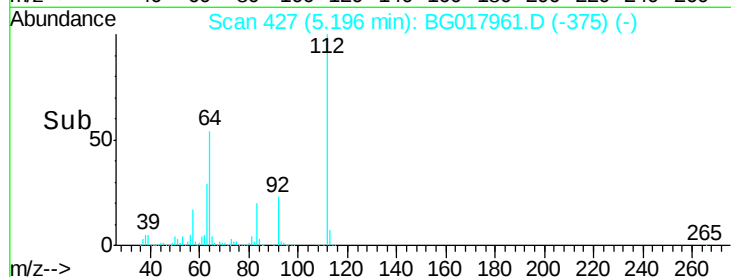
63 28.7 25.3 37.9



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: 27.10 ng

RT: 6.92 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

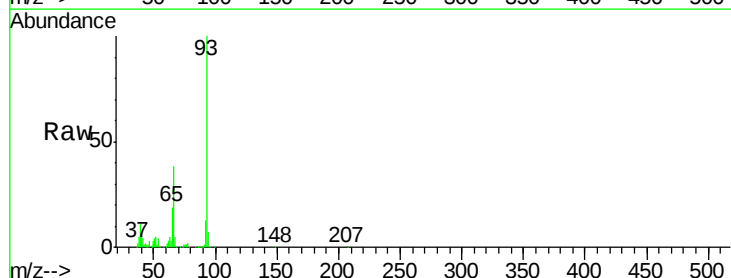
Tgt Ion: 93 Resp: 263724

Ion Ratio Lower Upper

93 100

66 38.1 32.7 49.1

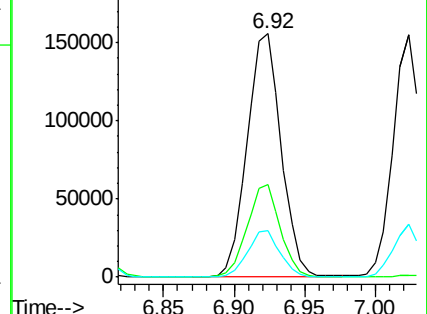
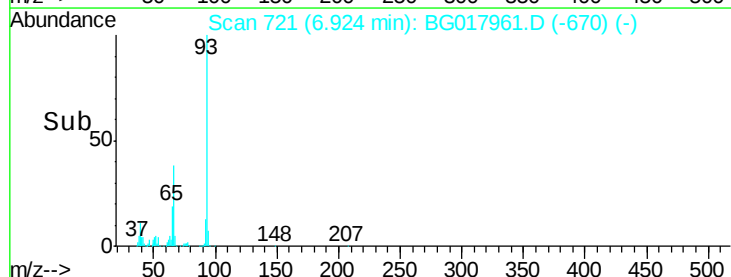
65 19.3 17.0 25.6

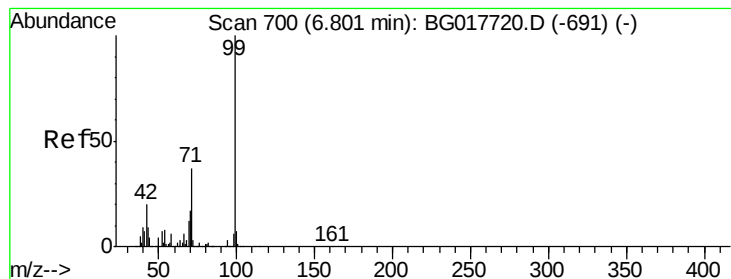


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.70 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017961.D

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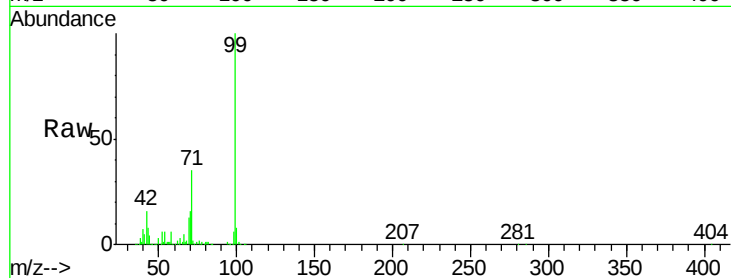
Tgt Ion: 99 Resp: 873519

Ion Ratio Lower Upper

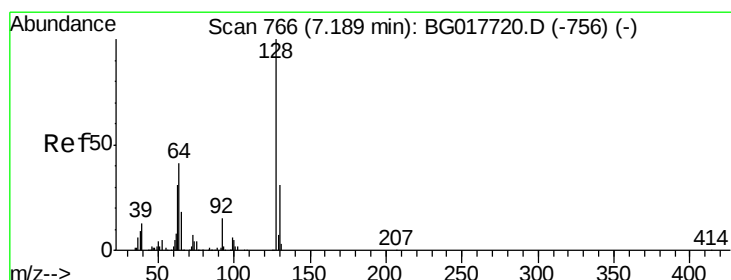
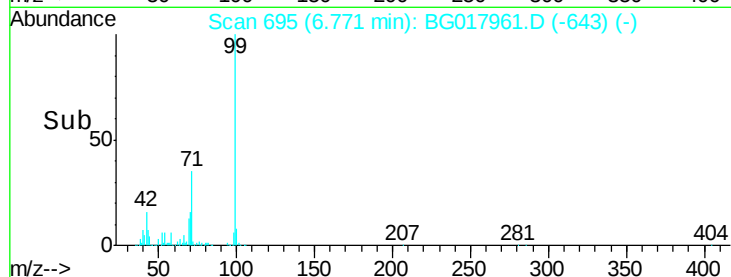
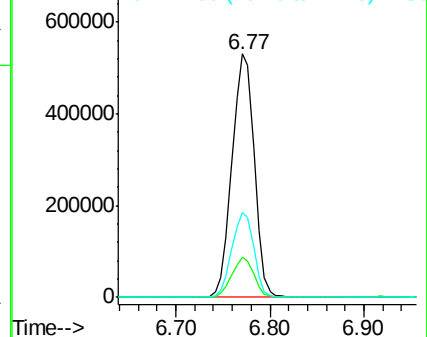
99 100

42 16.2 16.2 24.4#

71 34.8 29.5 44.3



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: 39.97 ng

RT: 7.15 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

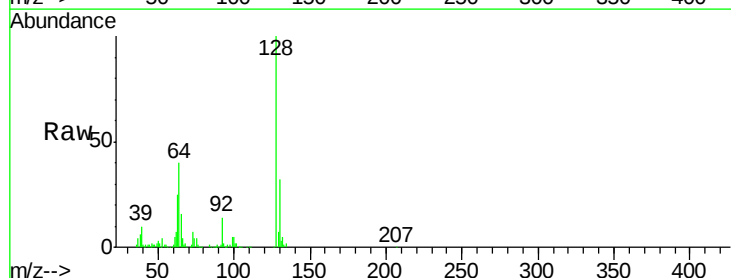
Tgt Ion: 128 Resp: 262503

Ion Ratio Lower Upper

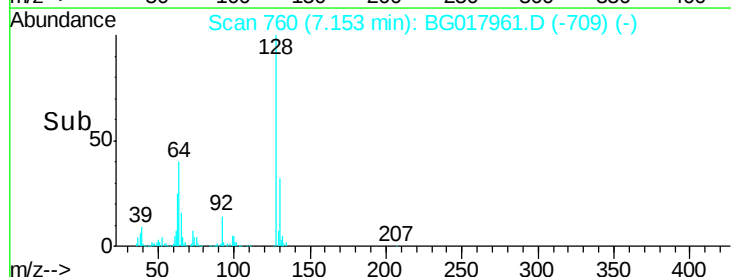
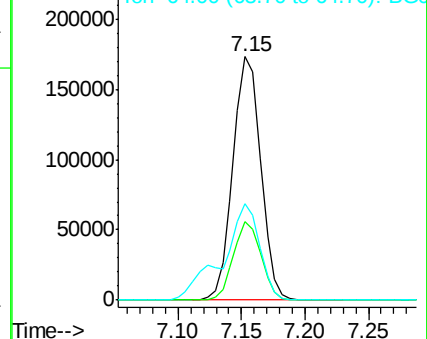
128 100

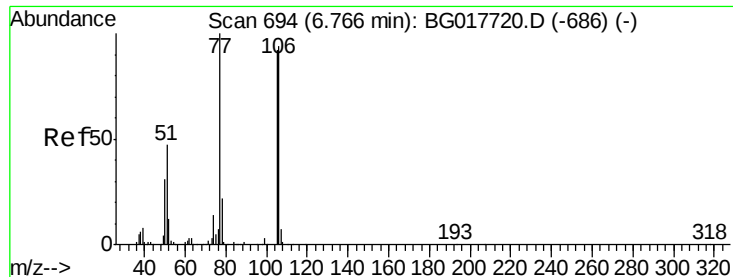
130 32.5 11.1 51.1

64 39.8 21.4 61.4



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: 17.27 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.01 min

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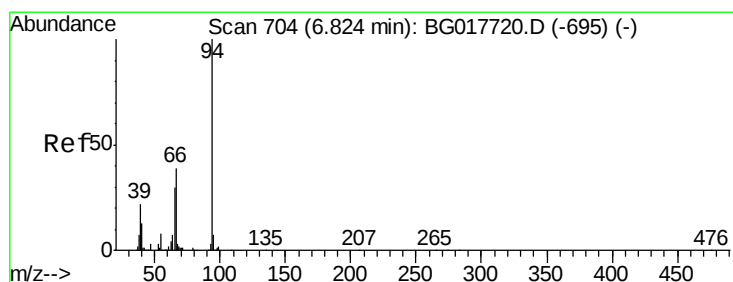
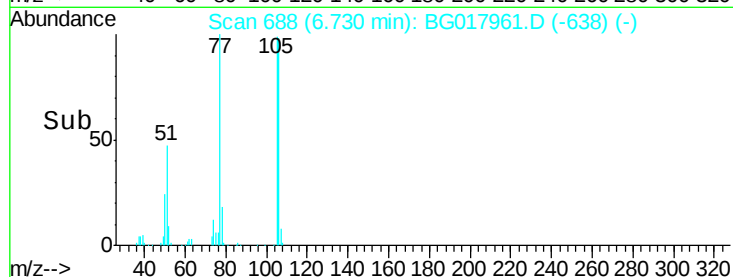
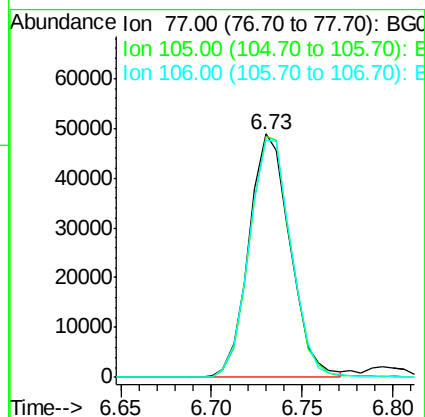
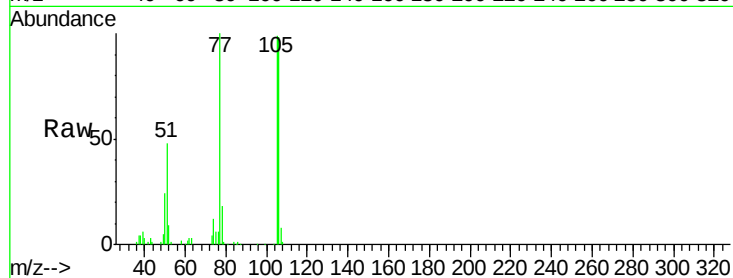
Tgt Ion: 77 Resp: 77218

Ion Ratio Lower Upper

77 100

105 98.8 71.8 111.8

106 97.5 74.5 114.5



#10

Phenol

Concen: 39.03 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

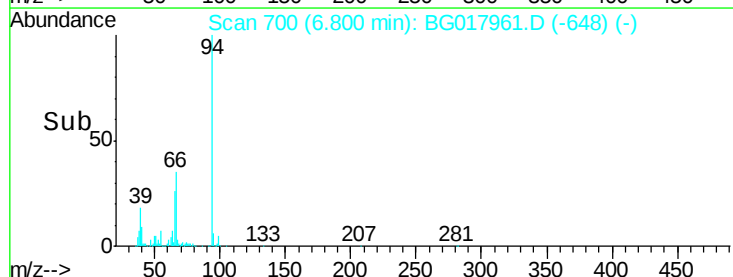
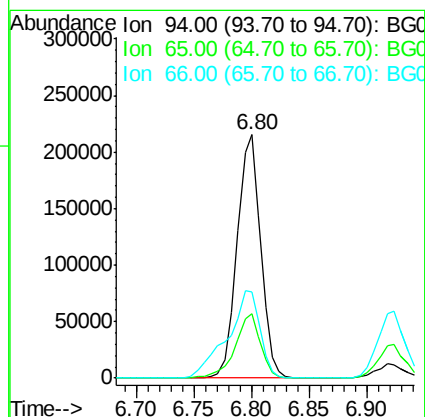
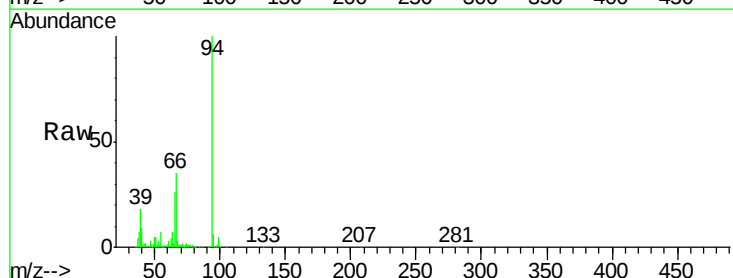
Tgt Ion: 94 Resp: 304020

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

66 35.4 19.4 59.4

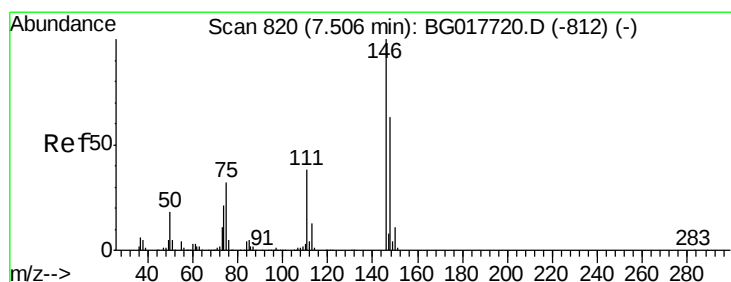
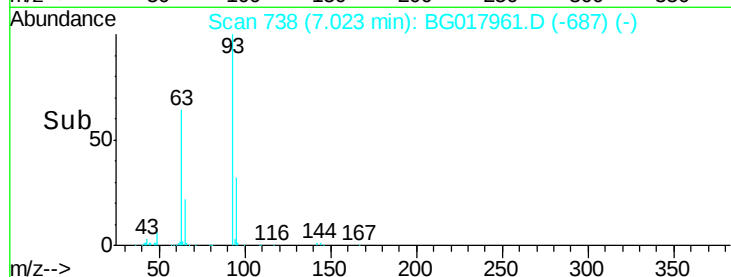
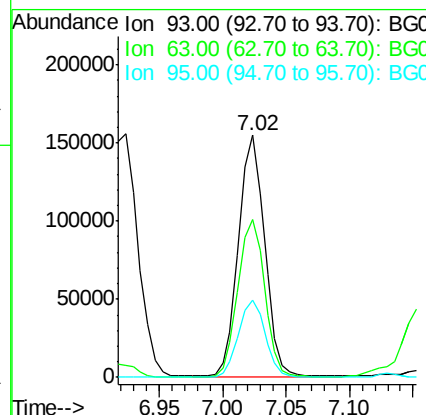
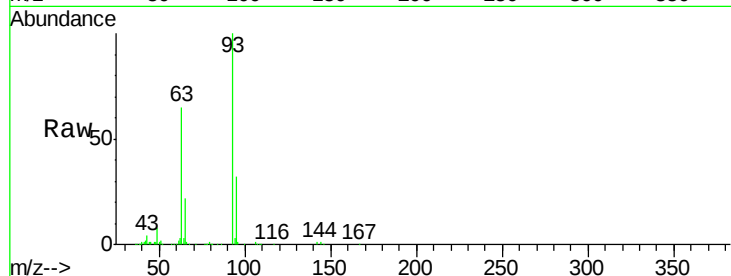




#11
 bis(2-Chloroethyl)ether
 Concen: 36.87 ng
 RT: 7.02 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

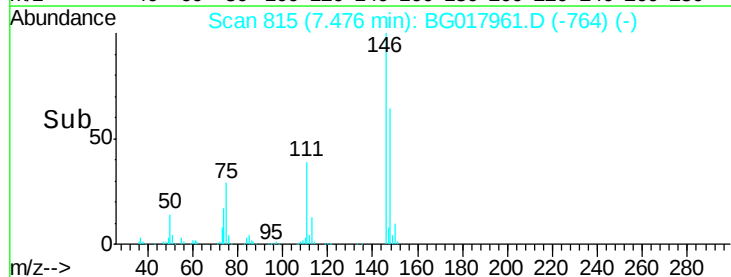
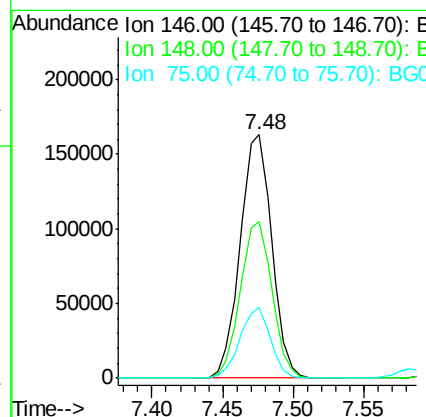
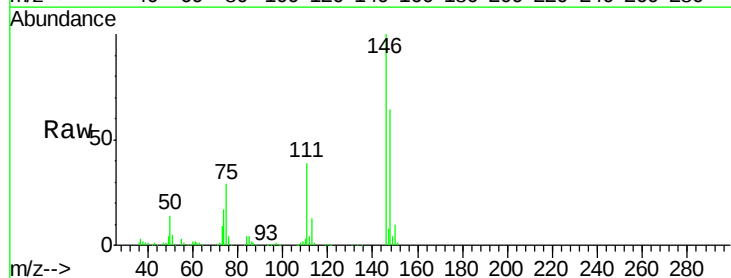
Instrument :
 BNA_G
 ClientSampleId :
 PB84574BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.2	54.7	94.7
95	32.0	13.2	53.2



#12
 1,3-Dichlorobenzene
 Concen: 35.37 ng
 RT: 7.48 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
75	29.2	25.8	38.6

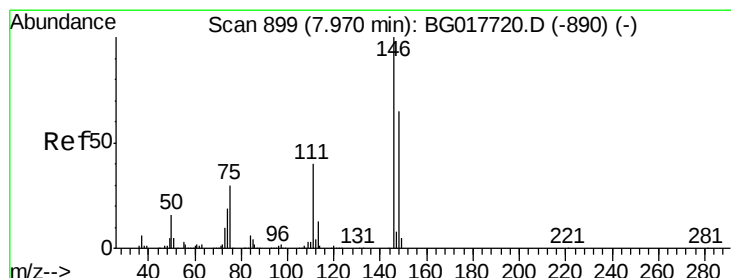
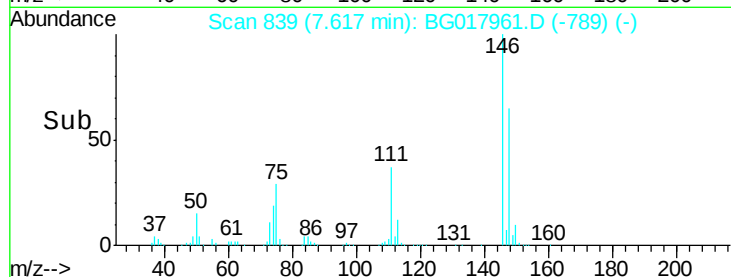
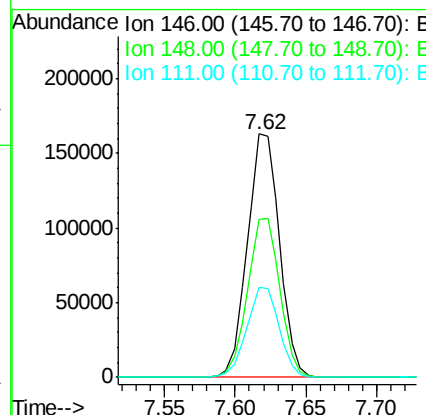
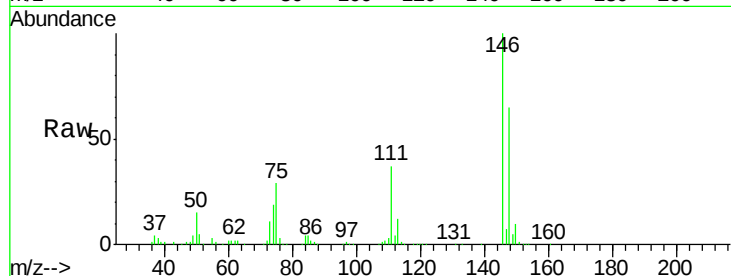




#13
 1,4-Dichlorobenzene
 Concen: 35.25 ng
 RT: 7.62 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

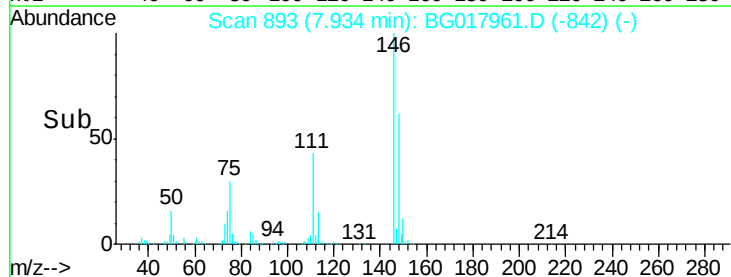
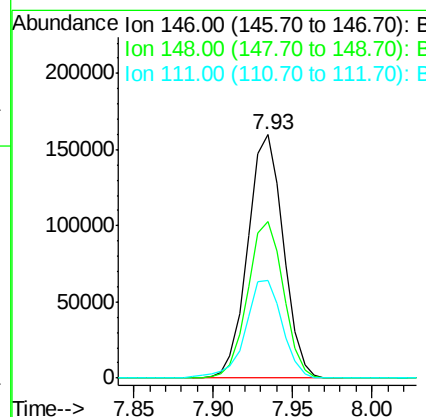
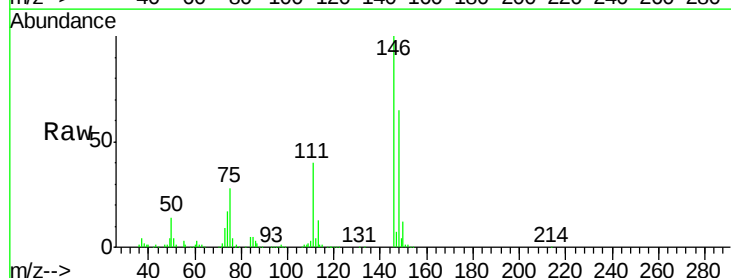
Instrument :
 BNA_G
 ClientSampleId :
 PB84574BS

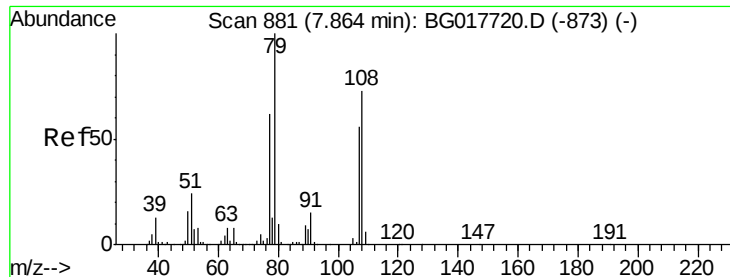
Tgt Ion:146 Resp: 260563
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 37.2 31.0 46.4



#14
 1,2-Dichlorobenzene
 Concen: 35.26 ng
 RT: 7.93 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

Tgt Ion:146 Resp: 249006
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 40.2 32.3 48.5





#15

Benzyl Alcohol

Concen: 37.28 ng

RT: 7.83 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Instrument :

BNA_G

ClientSampleId :

PB84574BS

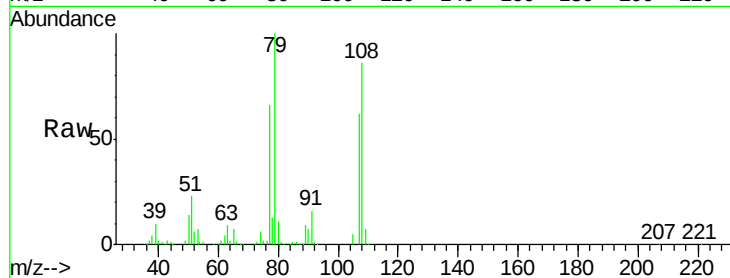
Tgt Ion: 79 Resp: 201224

Ion Ratio Lower Upper

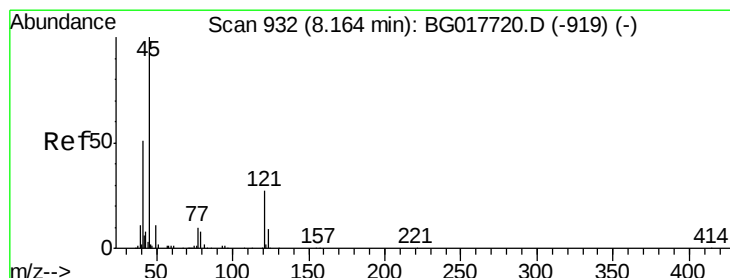
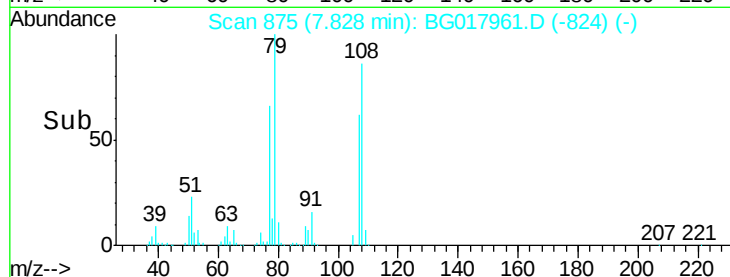
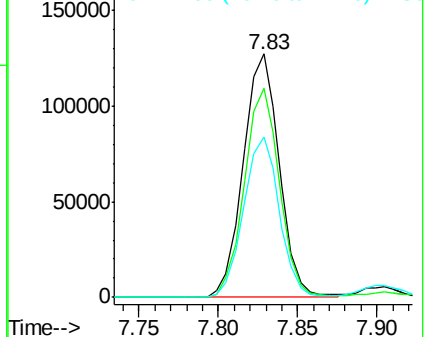
79 100

108 85.8 58.4 87.6

77 65.6 49.9 74.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.61 ng

RT: 8.12 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

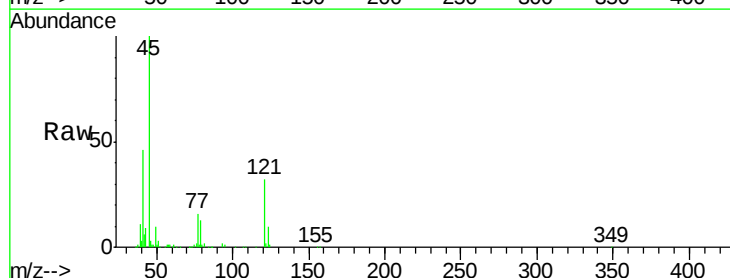
Tgt Ion: 45 Resp: 246699

Ion Ratio Lower Upper

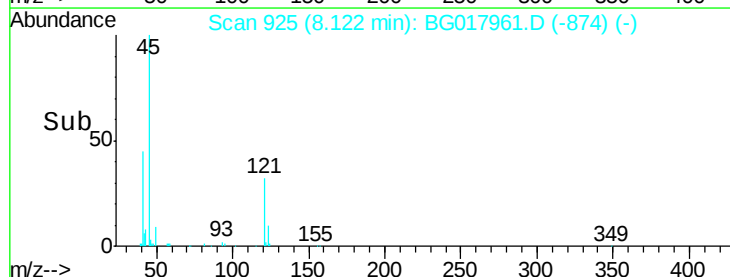
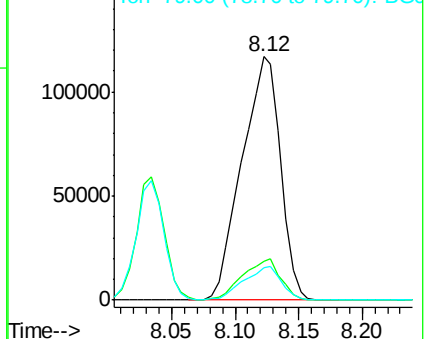
45 100

77 16.2 0.0 33.9

79 13.4 0.0 31.4



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





#17

2-Methylphenol

Concen: 39.04 ng

RT: 8.03 min Scan# 910

Delta R.T. 0.01 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Instrument :

BNA_G

ClientSampleId :

PB84574BS

Tgt Ion:107 Resp: 212005

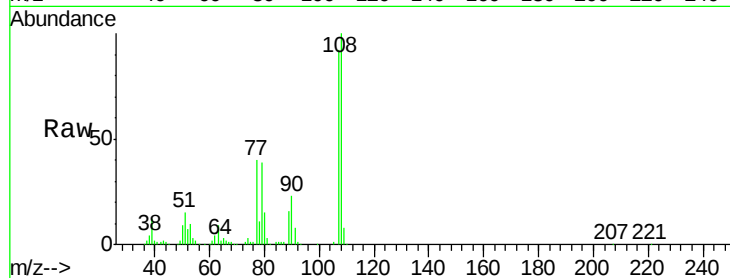
Ion Ratio Lower Upper

107 100

108 108.7 89.3 133.9

77 43.4 36.9 55.3

79 42.2 37.6 56.4

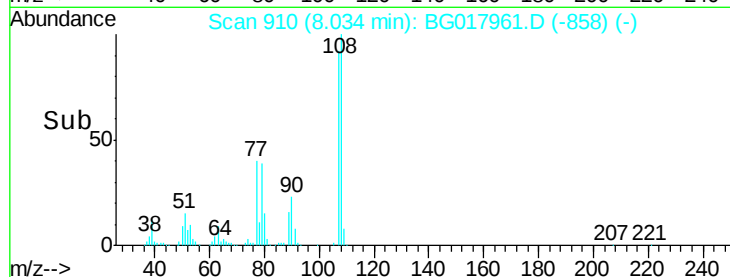


Abundance Ion 107.00 (106.70 to 107.70): E

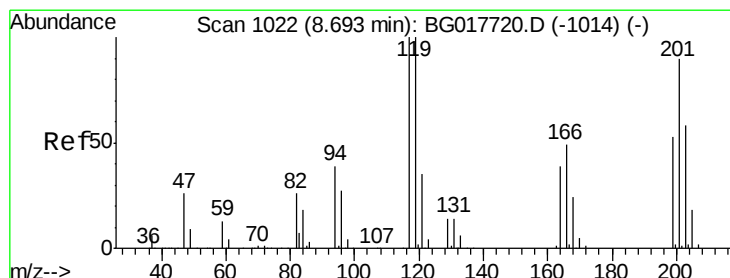
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 34.71 ng

RT: 8.65 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

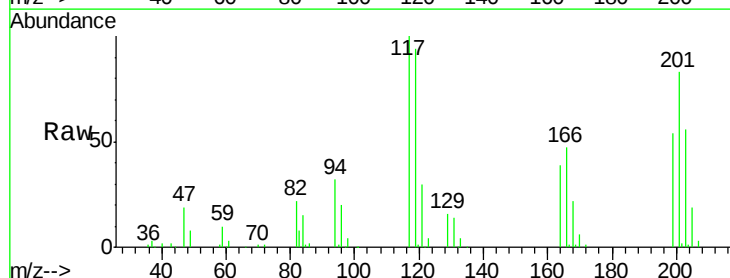
Tgt Ion:117 Resp: 96898

Ion Ratio Lower Upper

117 100

119 94.0 80.1 120.1

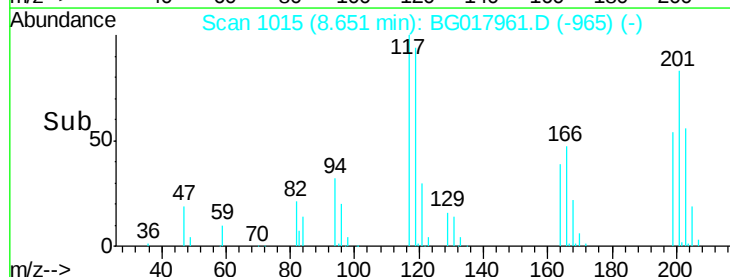
201 82.9 71.9 107.9



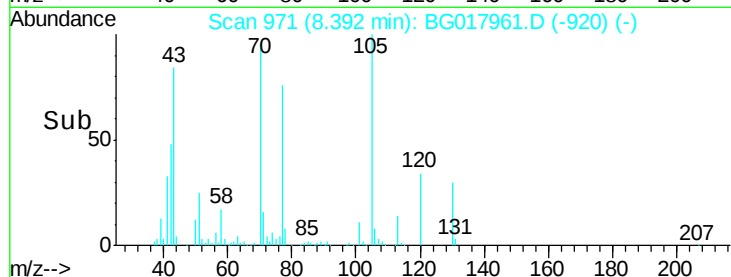
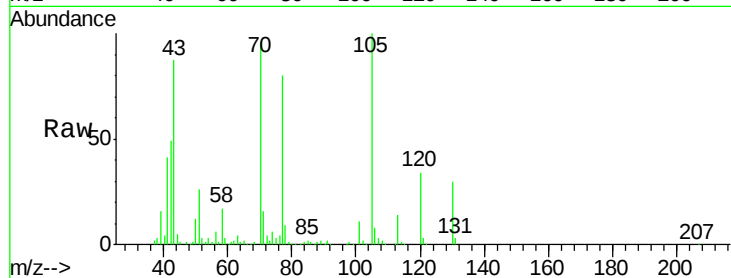
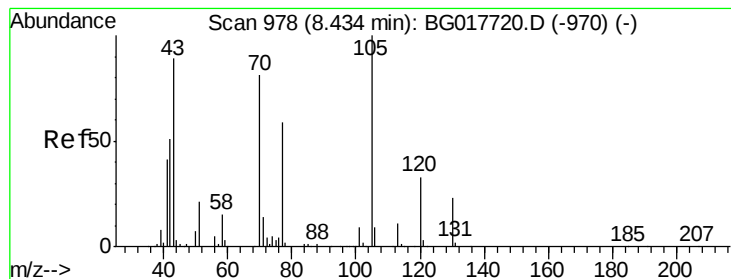
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 32.53 ng

RT: 8.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Instrument :

BNA_G

ClientSampleId :

PB84574BS

Tgt Ion: 70 Resp: 173356

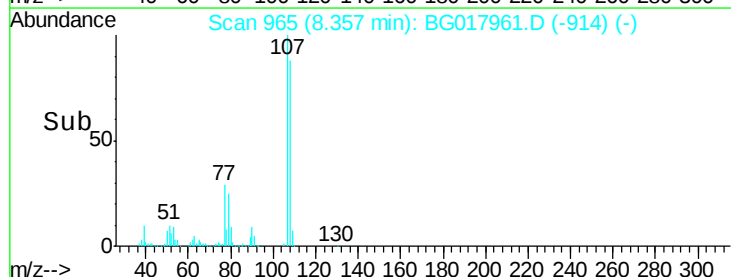
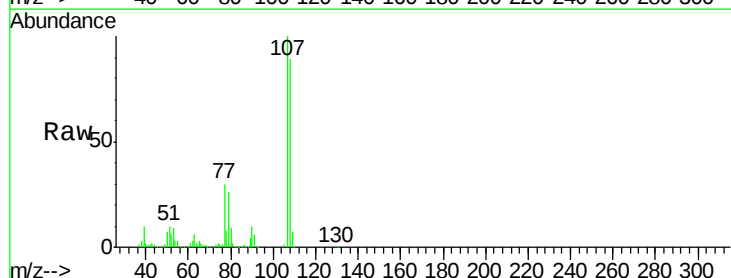
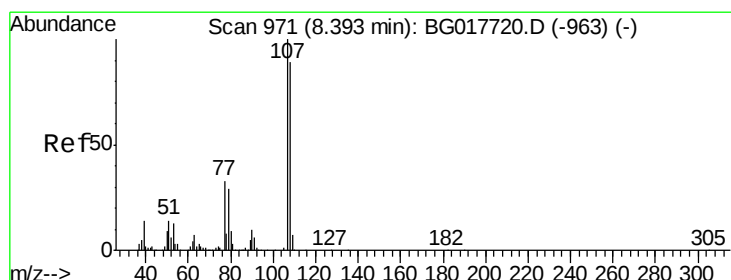
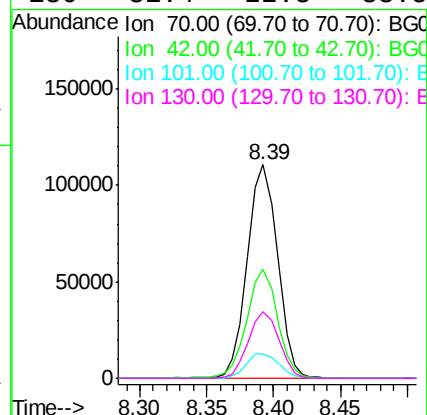
Ion Ratio Lower Upper

70 100

42 50.7 50.8 76.2#

101 11.6 8.7 13.1

130 31.4 22.3 33.5



#20

3+4-Methylphenols

Concen: 38.79 ng

RT: 8.36 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Tgt Ion: 107 Resp: 285101

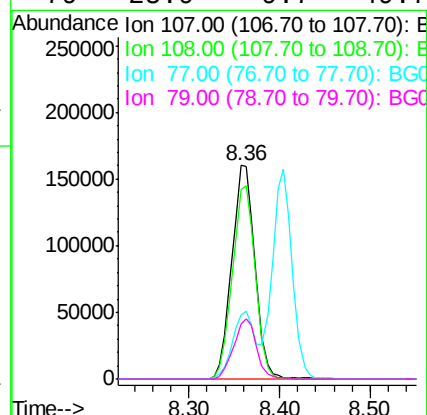
Ion Ratio Lower Upper

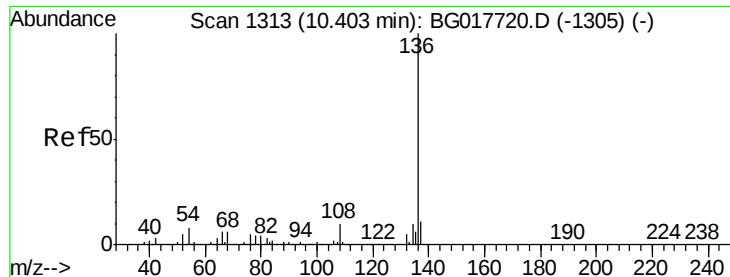
107 100

108 89.0 69.6 109.6

77 30.0 13.0 53.0

79 25.9 9.7 49.7

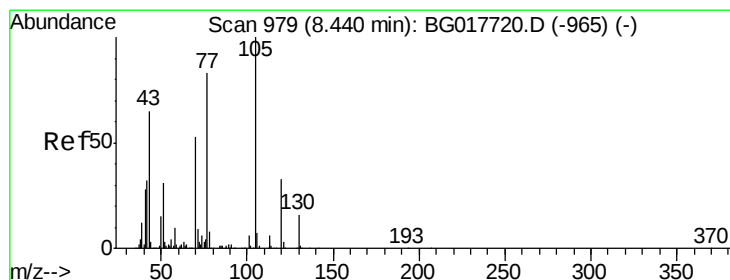
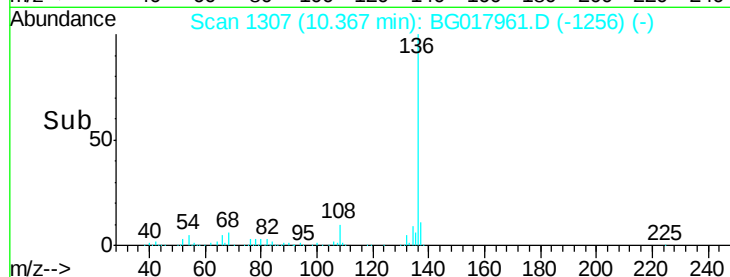
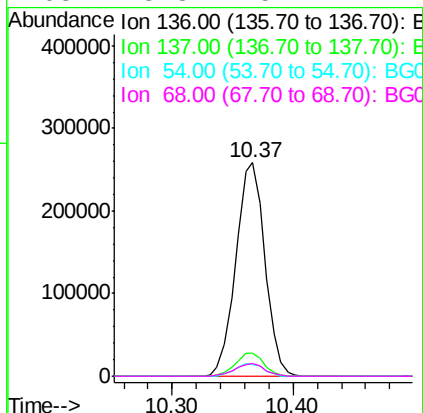
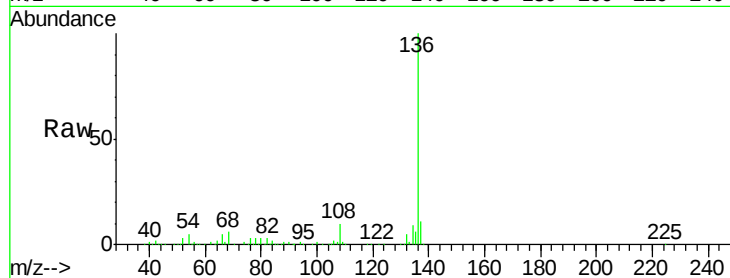




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

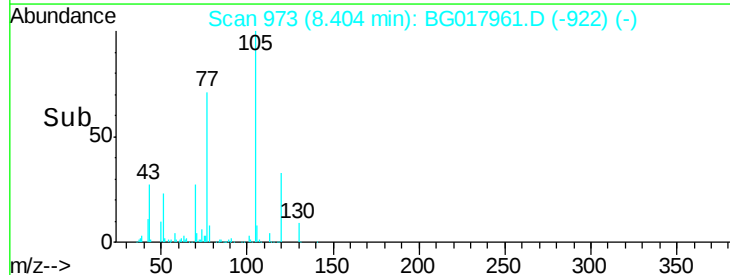
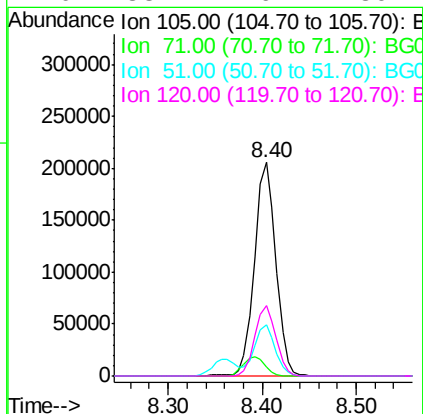
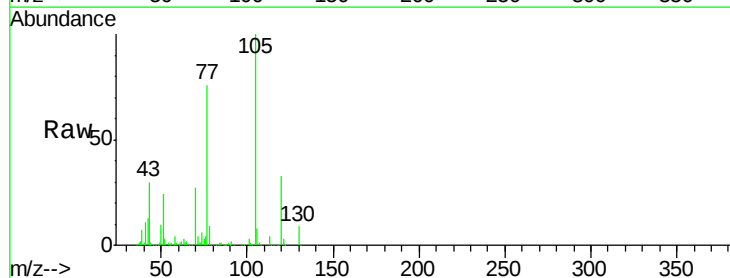
Instrument :
BNA_G
ClientSampleId :
PB84574BS

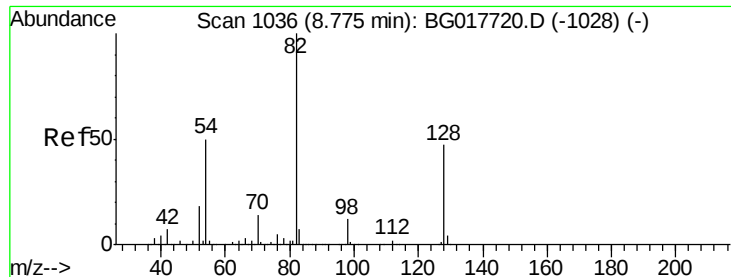
Tgt Ion:	136	Resp:	433501
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.4	6.6	9.8#
68	5.8	5.1	7.7



#22
Acetophenone
Concen: 34.67 ng
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

Tgt Ion:	105	Resp:	324627
Ion	Ratio	Lower	Upper
105	100		
71	4.3	7.7	11.5#
51	24.0	24.9	37.3#
120	33.1	26.2	39.4

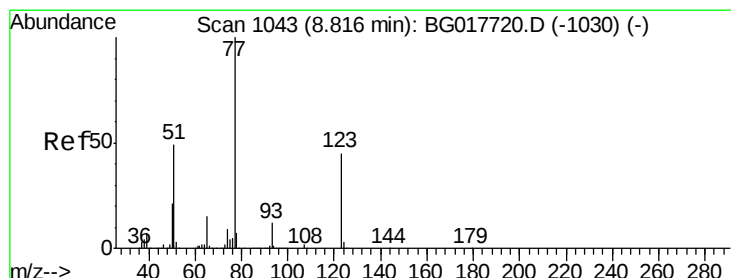
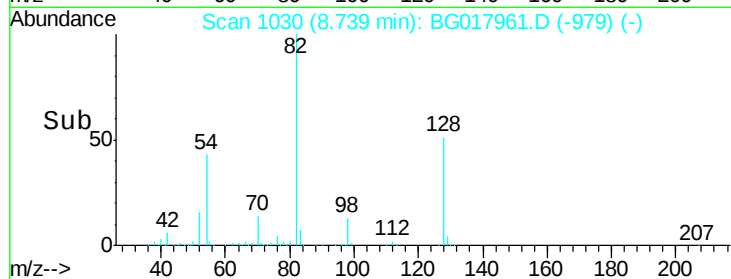
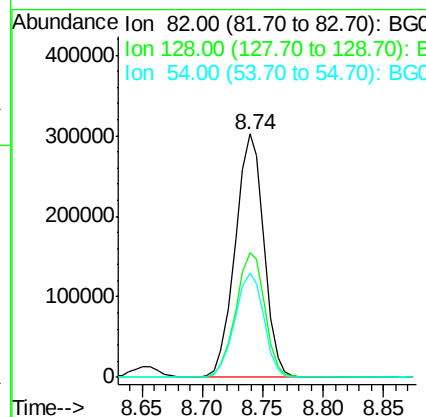
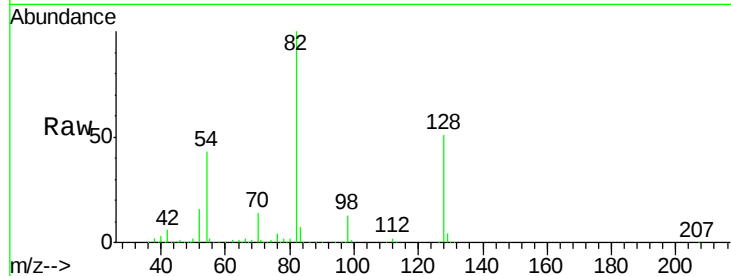




#23
 Nitrobenzene-d5
 Concen: 74.49 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

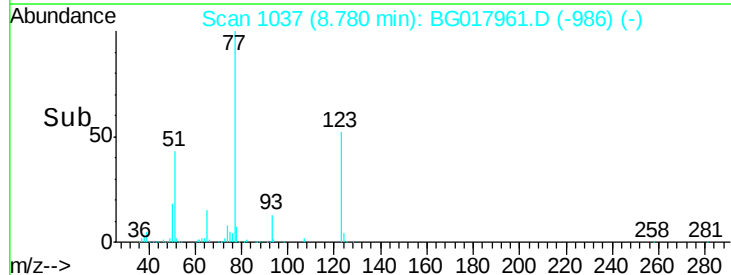
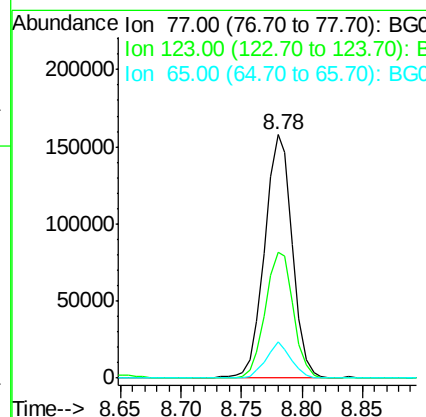
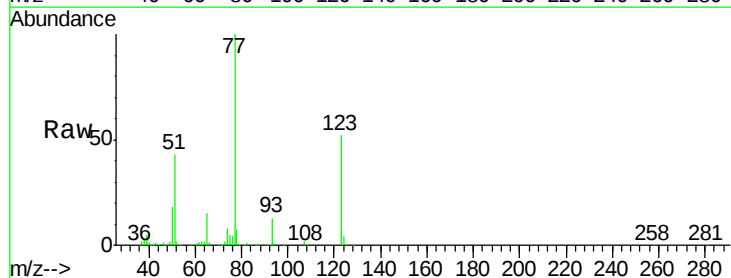
Instrument :
 BNA_G
 ClientSampleId :
 PB84574BS

Tgt Ion: 82 Resp: 498569
 Ion Ratio Lower Upper
 82 100
 128 51.0 37.8 56.6
 54 42.9 39.9 59.9



#24
 Nitrobenzene
 Concen: 35.37 ng
 RT: 8.78 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

Tgt Ion: 77 Resp: 252240
 Ion Ratio Lower Upper
 77 100
 123 51.6 36.2 54.2
 65 14.8 11.7 17.5

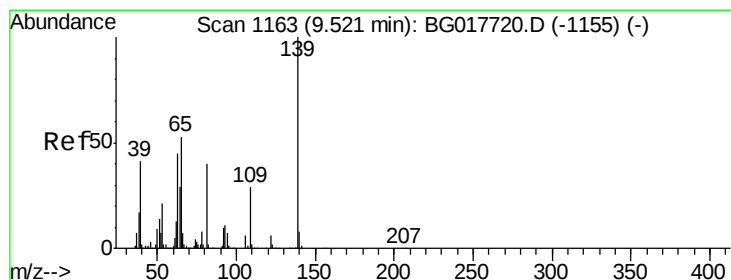
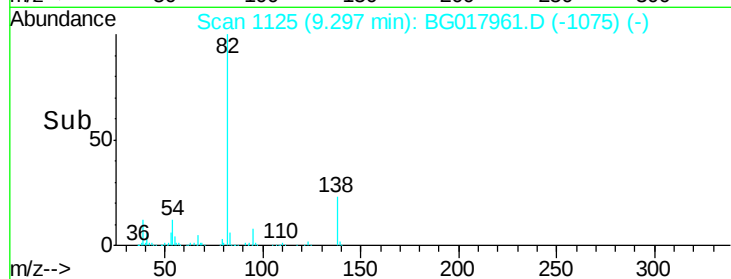
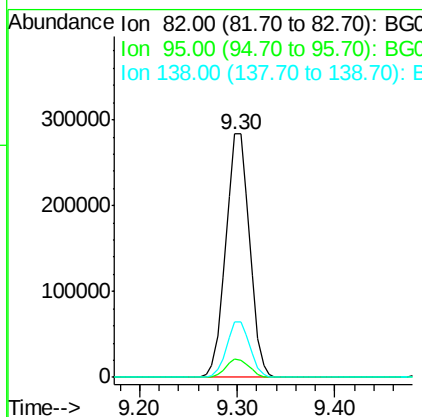
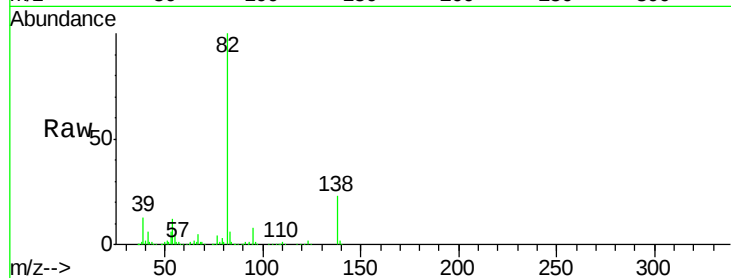




#25
Isophorone
Concen: 34.09 ng
RT: 9.30 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

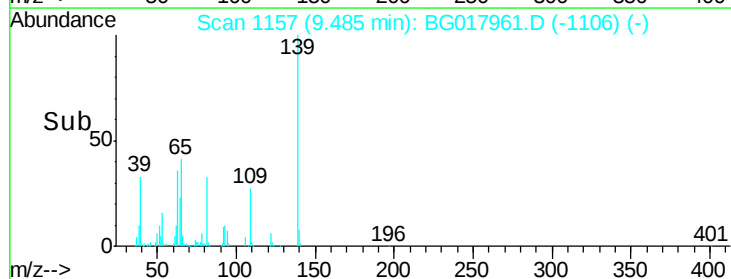
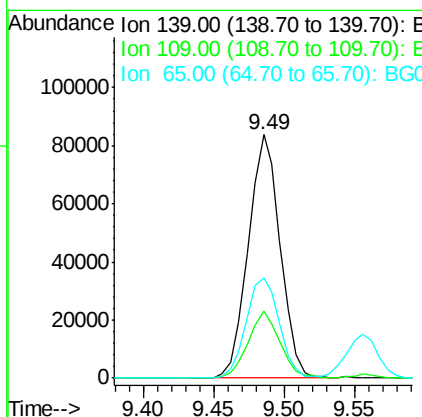
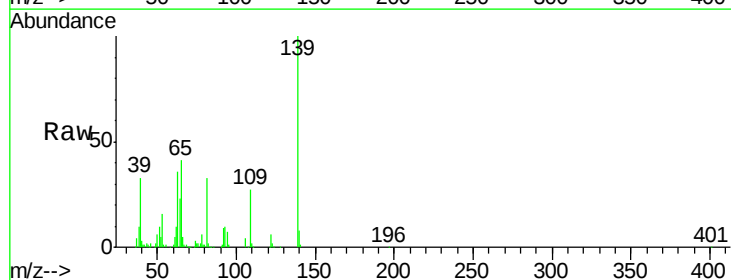
Instrument :
BNA_G
ClientSampleId :
PB84574BS

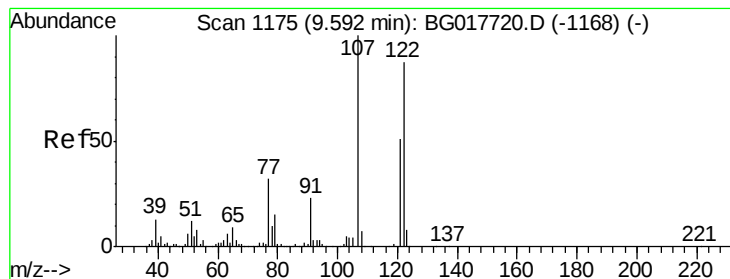
Tgt Ion: 82 Resp: 478517
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 22.7 17.0 25.6



#26
2-Nitrophenol
Concen: 38.90 ng
RT: 9.49 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

Tgt Ion: 139 Resp: 132363
Ion Ratio Lower Upper
139 100
109 27.4 23.0 34.4
65 41.1 42.0 63.0#





#27

2,4-Dimethylphenol

Concen: 39.24 ng

RT: 9.56 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Instrument :

BNA_G

ClientSampleId :

PB84574BS

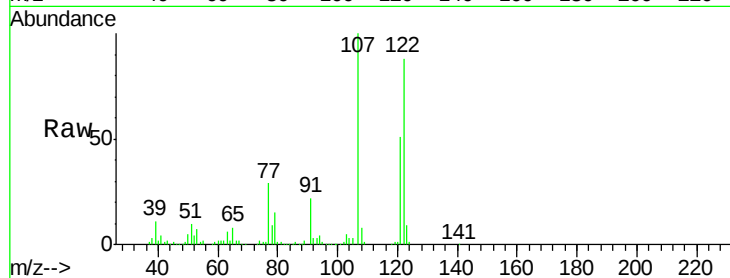
Tgt Ion:122 Resp: 242902

Ion Ratio Lower Upper

122 100

107 113.4 92.2 138.2

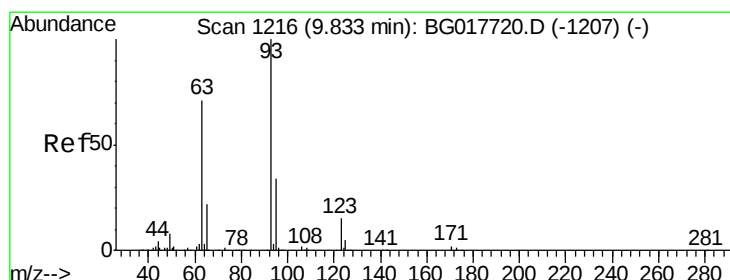
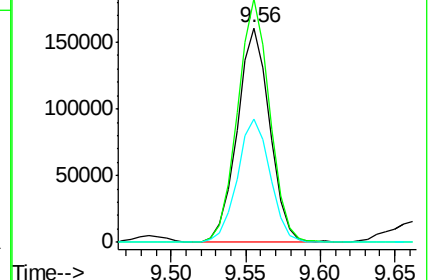
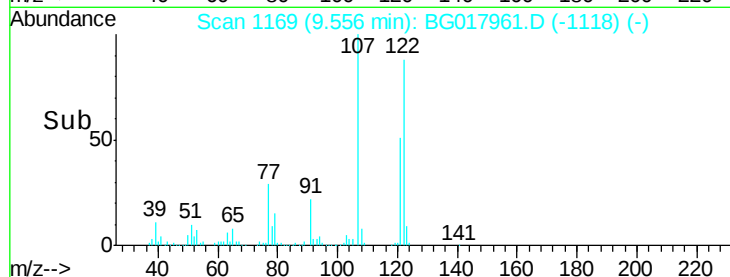
121 57.4 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.00 ng

RT: 9.79 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

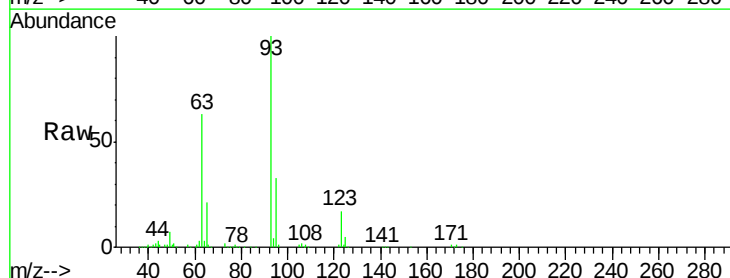
Tgt Ion: 93 Resp: 281593

Ion Ratio Lower Upper

93 100

95 32.6 26.9 40.3

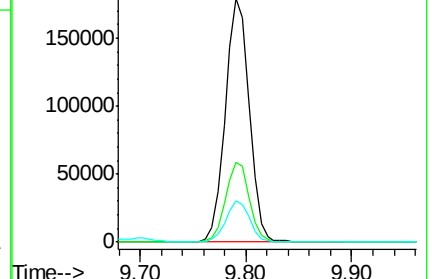
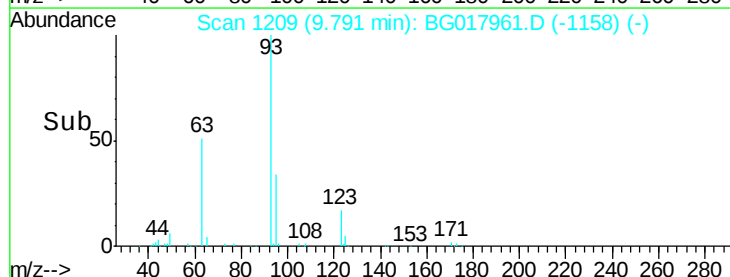
123 17.1 12.0 18.0

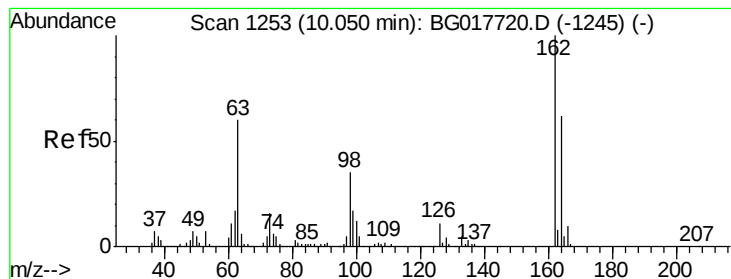


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.34 ng

RT: 10.02 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

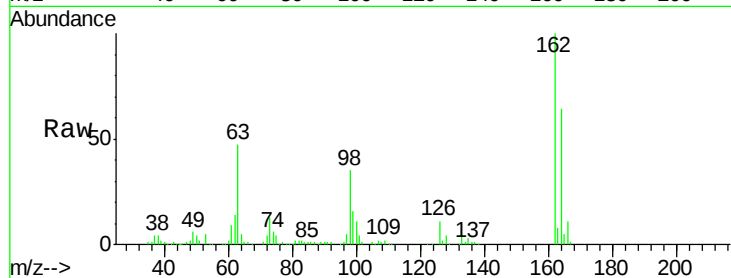
Instrument :

BNA_G

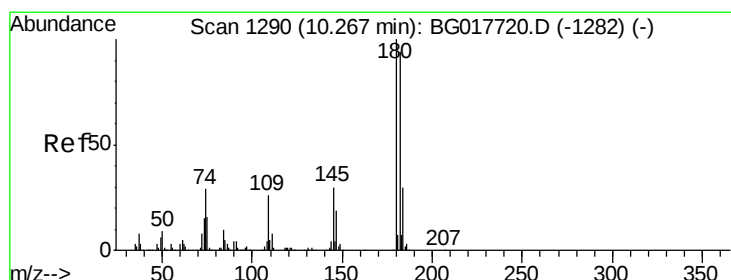
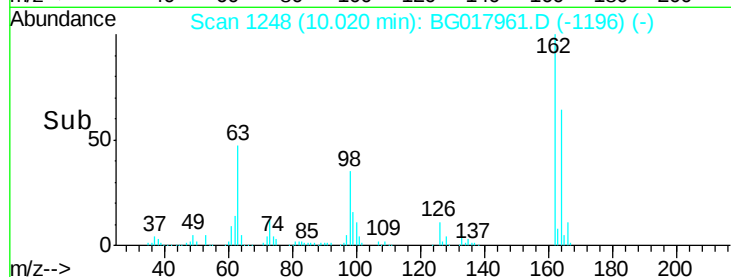
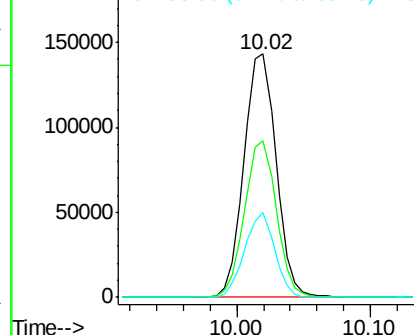
ClientSampleId :

PB84574BS

Tgt Ion:	162	Resp:	238965
Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.5	82.5
98	35.0	15.1	55.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 35.58 ng

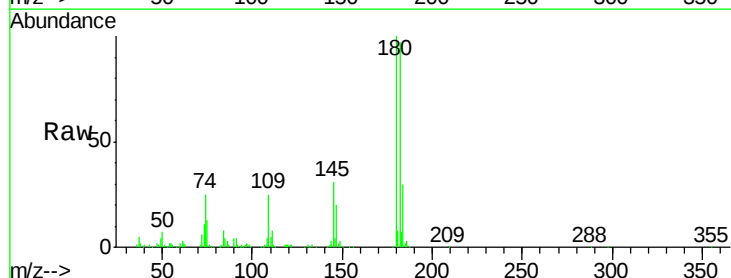
RT: 10.23 min Scan# 1284

Delta R.T. -0.00 min

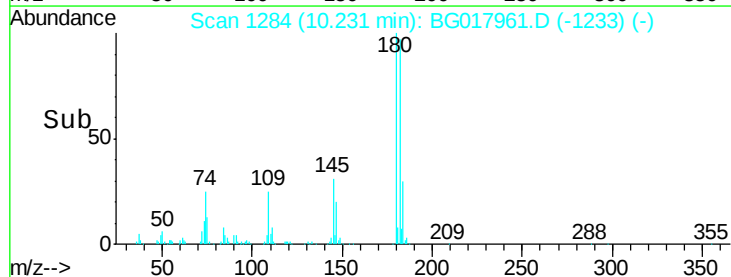
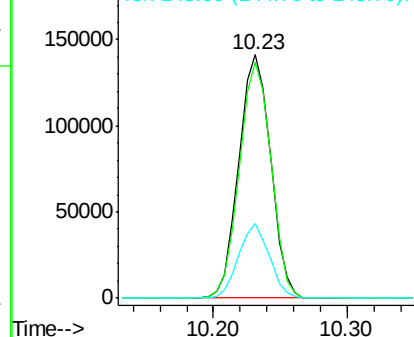
Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Tgt Ion:	180	Resp:	233125
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.2	112.8
145	30.7	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

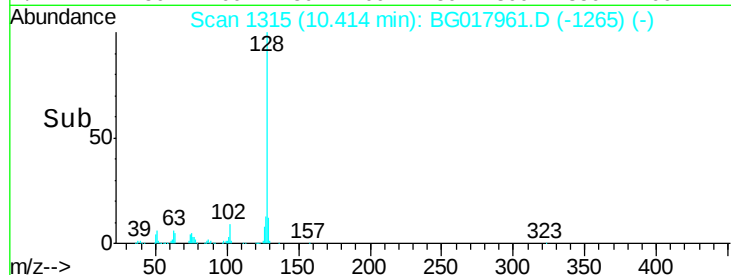
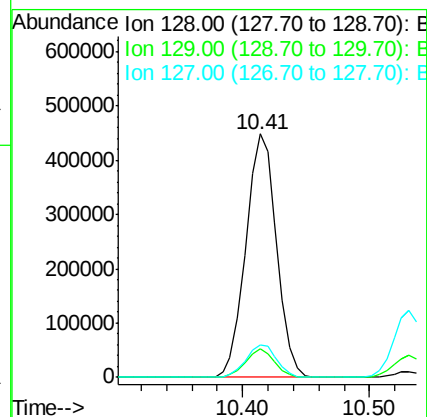
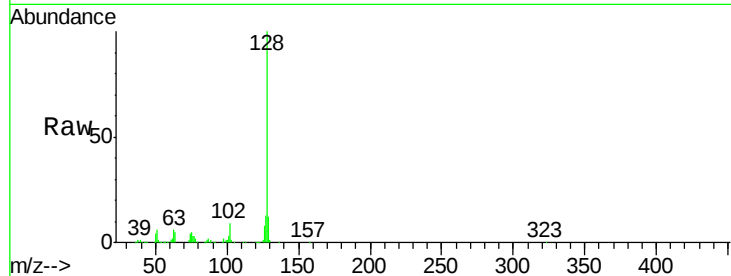




#31
Naphthalene
Concen: 35.39 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

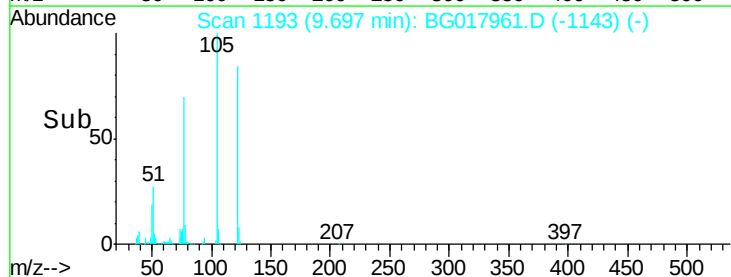
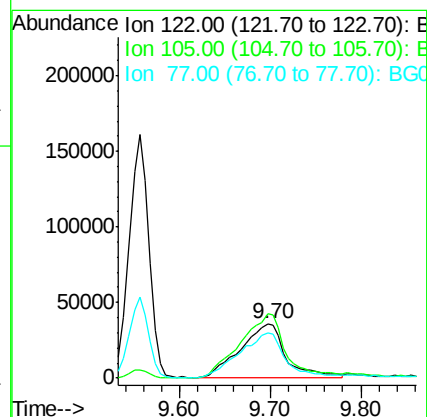
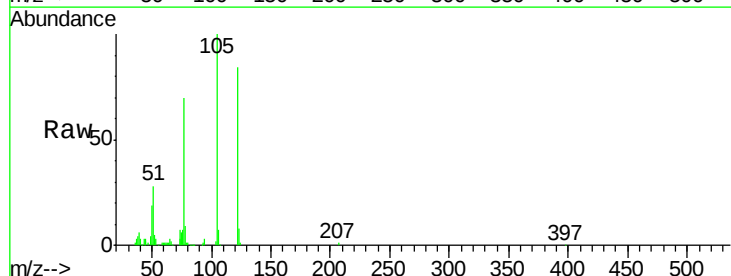
Instrument :
BNA_G
ClientSampleId :
PB84574BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.4	10.7	16.1



#32
Benzoic acid
Concen: 49.55 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	111.3	151.3
77	83.0	75.2	115.2

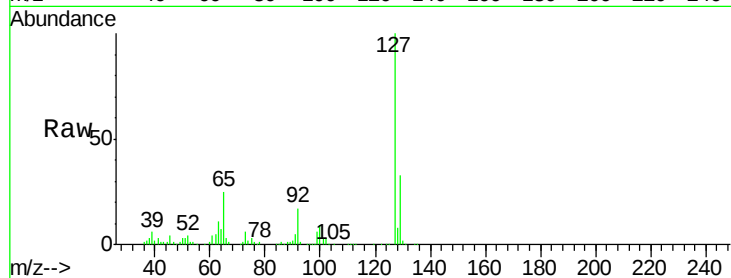




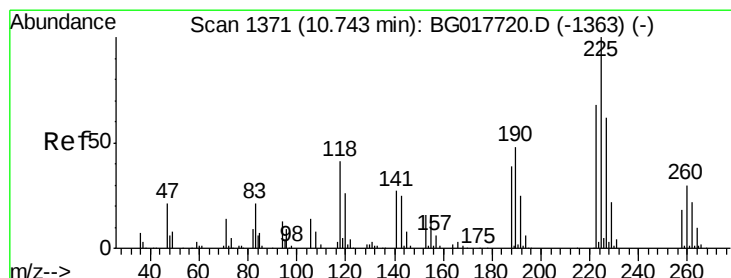
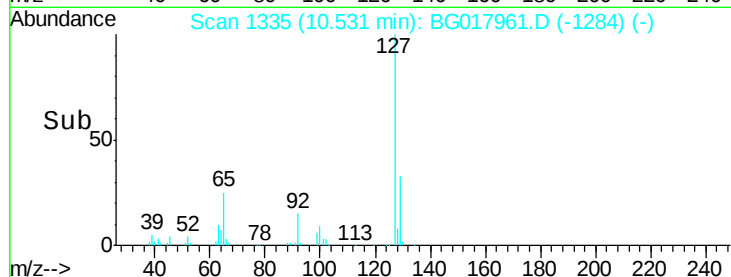
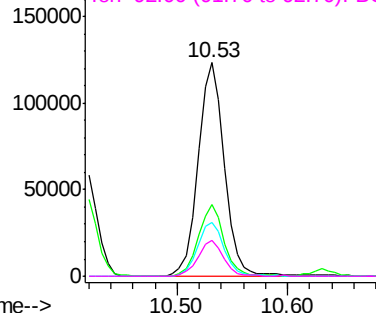
#33
4-Chloroaniline
Concen: 21.70 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

Instrument :
BNA_G
ClientSampleId :
PB84574BS

Tgt Ion:	127	Resp:	205207
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.7	40.1
65	24.9	24.6	37.0
92	16.6	14.2	21.4

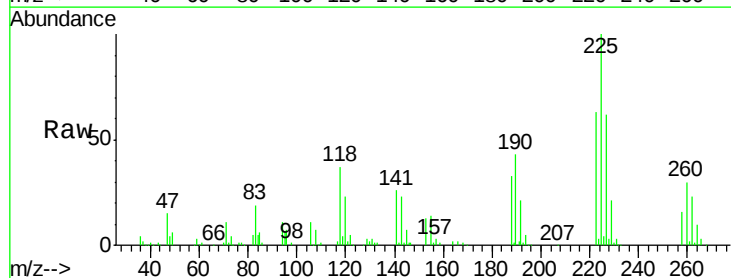


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

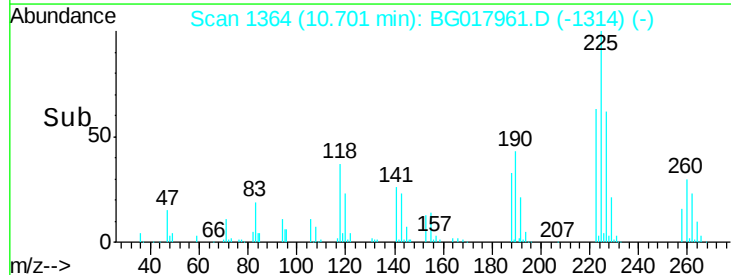
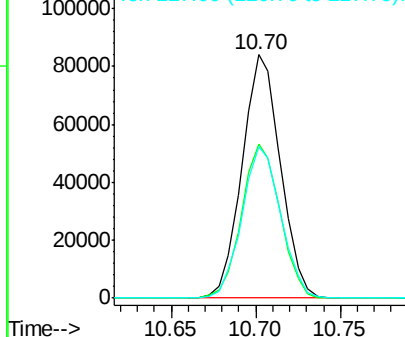


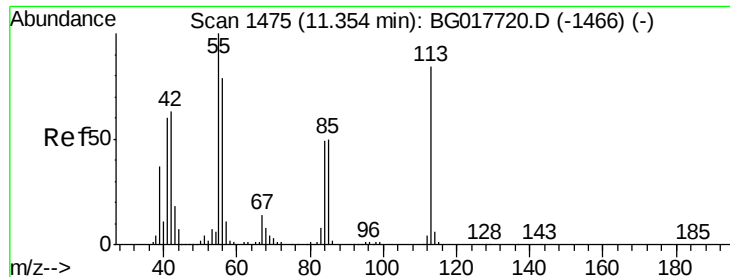
#34
Hexachlorobutadiene
Concen: 35.98 ng
RT: 10.70 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG017961.D
Acq: 18 Jul 2015 13:27

Tgt Ion:	225	Resp:	132809
Ion	Ratio	Lower	Upper
225	100		
223	63.2	54.3	81.5
227	62.3	49.4	74.0



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: 20.79 ng

RT: 11.30 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Instrument :

BNA_G

ClientSampleId :

PB84574BS

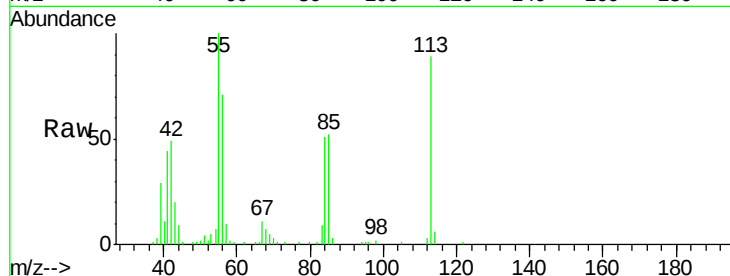
Tgt Ion:113 Resp: 58270

Ion Ratio Lower Upper

113 100

55 112.7 100.8 140.8

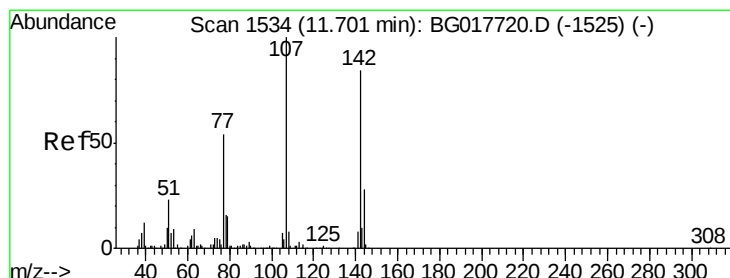
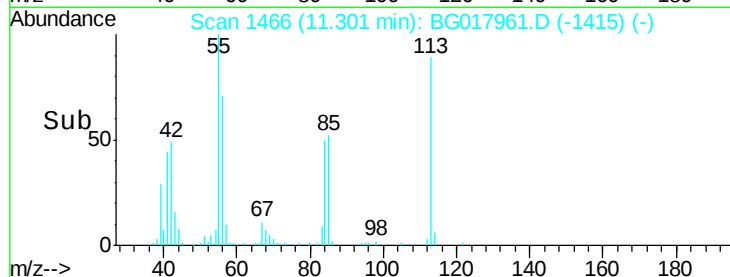
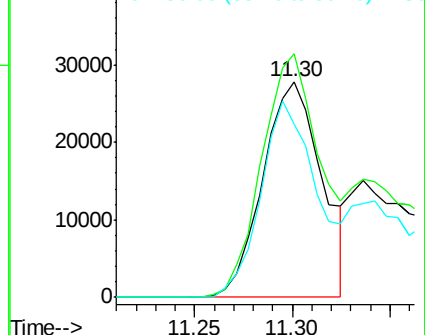
56 80.1 75.5 115.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.89 ng

RT: 11.67 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

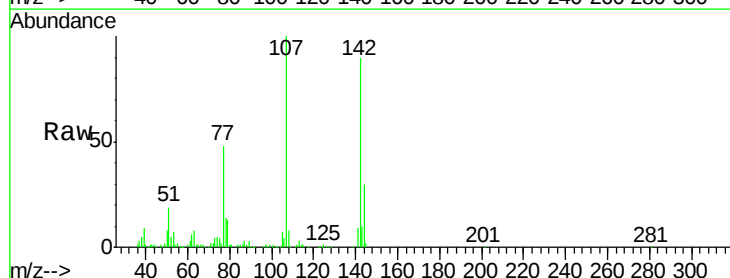
Tgt Ion:107 Resp: 255958

Ion Ratio Lower Upper

107 100

144 29.9 22.2 33.4

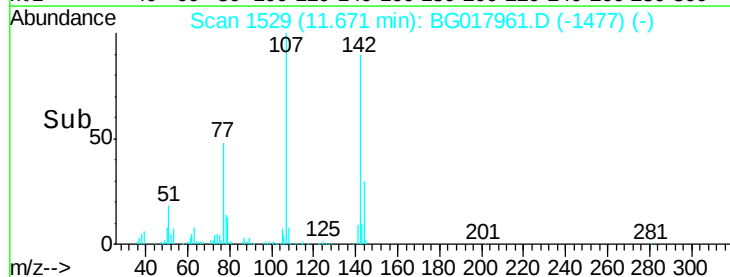
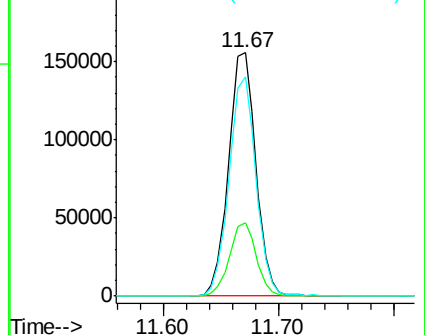
142 90.2 67.1 100.7

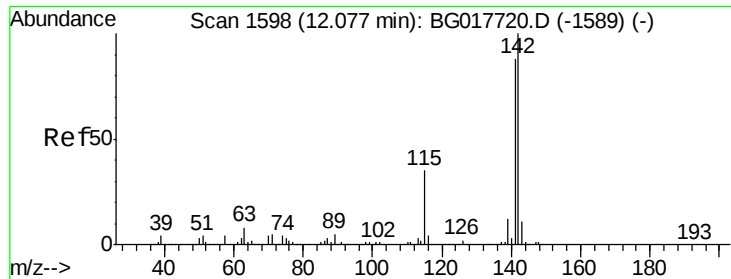


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

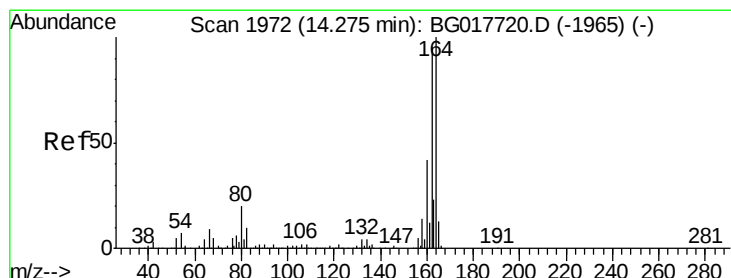
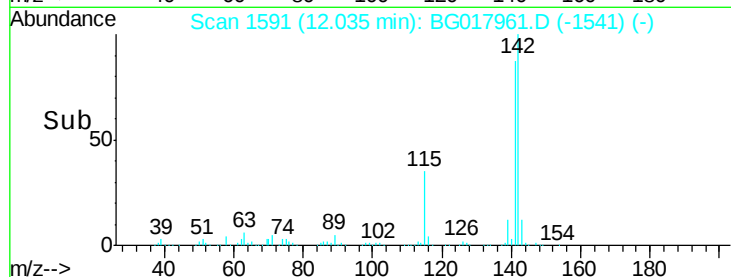
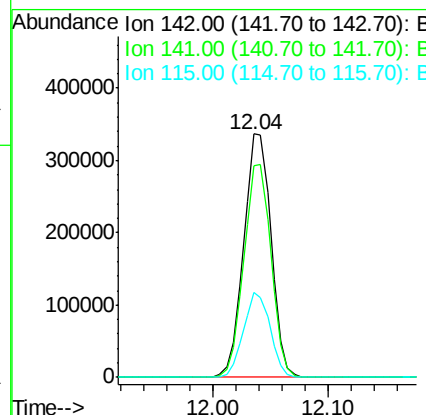
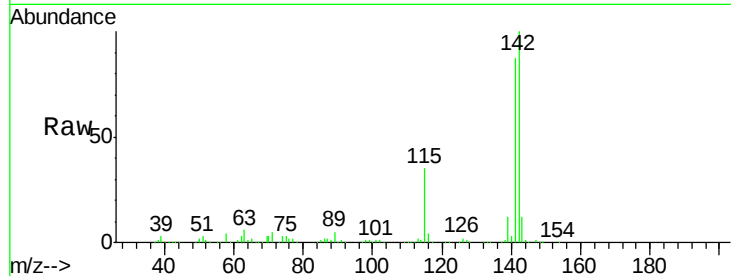




#37
 2-Methylnaphthalene
 Concen: 36.37 ng
 RT: 12.04 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

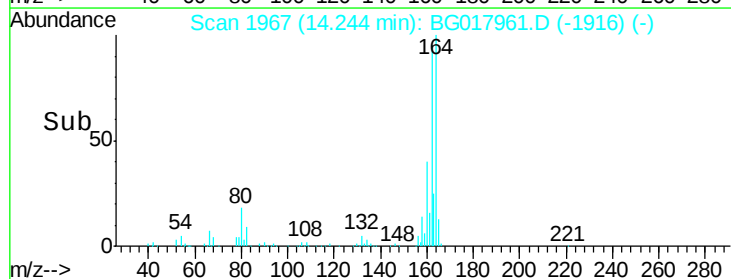
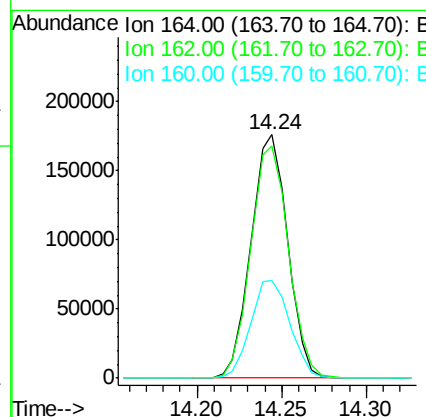
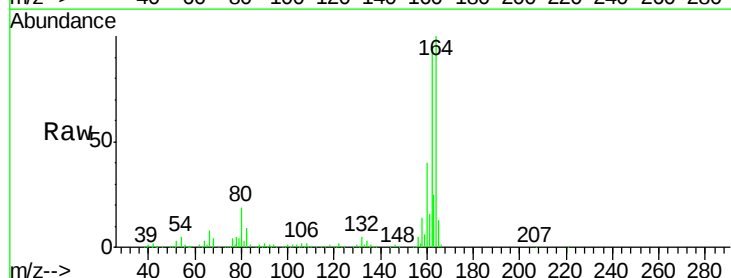
Instrument :
 BNA_G
 ClientSampleId :
 PB84574BS

Tgt Ion:142 Resp: 553876
 Ion Ratio Lower Upper
 142 100
 141 86.8 70.7 106.1
 115 34.6 27.8 41.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG017961.D
 Acq: 18 Jul 2015 13:27

Tgt Ion:164 Resp: 266260
 Ion Ratio Lower Upper
 164 100
 162 95.5 76.3 114.5
 160 40.1 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.18 ng

RT: 12.42 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

Instrument :

BNA_G

ClientSampleId :

PB84574BS

Tgt Ion:216 Resp: 251086

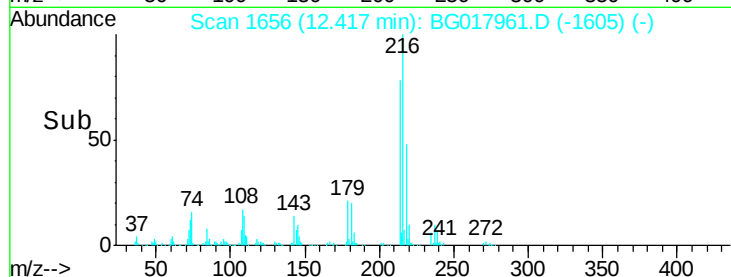
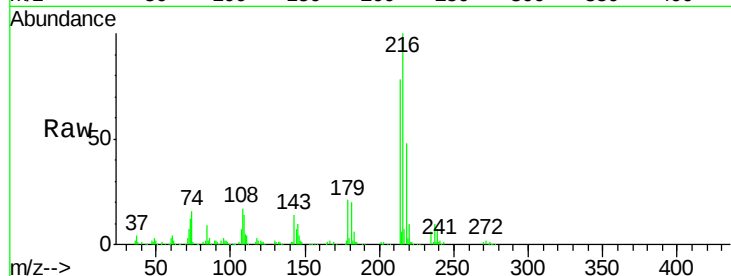
Ion Ratio Lower Upper

216 100

214 78.6 64.5 96.7

179 21.4 16.7 25.1

108 22.7 18.6 27.8

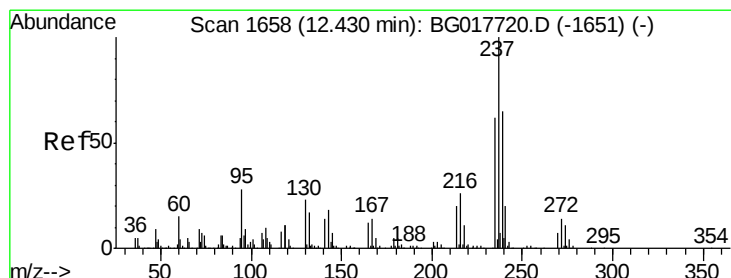
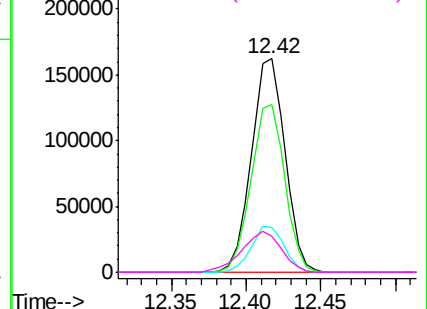


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.96 ng

RT: 12.39 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG017961.D

Acq: 18 Jul 2015 13:27

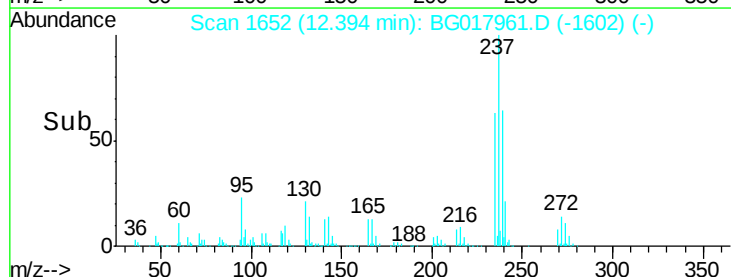
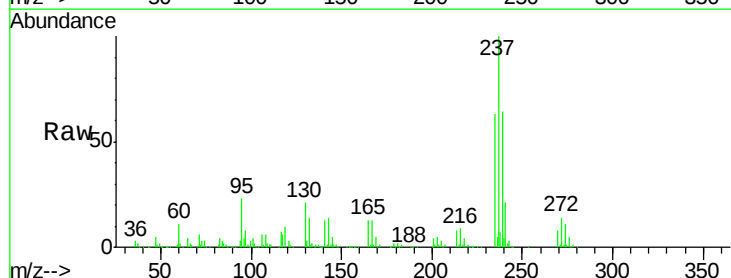
Tgt Ion:237 Resp: 322860

Ion Ratio Lower Upper

237 100

235 62.7 42.2 82.2

272 13.6 0.0 33.9



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

