

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017614.D
 Acq On : 11 Jun 2015 18:07
 Operator : TP/IZ
 Sample : PB83925BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83925BS

Quant Time: Jun 12 01:22:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	26175	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	102843	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	75870	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	207524	20.00	ng	0.00
75) Chrysene-d12	21.16	240	262972	20.00	ng	0.00
86) Perylene-d12	23.36	264	225410	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	163830	110.27	ng	0.00
7) Phenol-d6	6.74	99	209826	103.67	ng	0.00
23) Nitrobenzene-d5	8.70	82	158143	76.76	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	120300	114.16	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	388921	77.33	ng	0.00
78) Terphenyl-d14	19.61	244	865227	68.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	17987	26.90	ng	# 85
3) Pyridine	3.36	79	52125	29.18	ng	96
4) n-Nitrosodimethylamine	3.29	42	50431	43.08	ng	# 75
6) Aniline	6.87	93	66562	24.50	ng	99
8) 2-Chlorophenol	7.11	128	57117	32.51	ng	95
9) Benzaldehyde	6.67	77	42779	31.14	ng	94
10) Phenol	6.77	94	73484	35.35	ng	84
11) bis(2-Chloroethyl)ether	6.96	93	49663	31.35	ng	91
12) 1,3-Dichlorobenzene	7.42	146	63161	32.16	ng	89
13) 1,4-Dichlorobenzene	7.56	146	62268	30.25	ng	96
14) 1,2-Dichlorobenzene	7.88	146	59813	31.04	ng	94
15) Benzyl Alcohol	7.79	79	64921	34.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.08	45	79012	29.59	ng	97
17) 2-Methylphenol	8.01	107	54956	34.84	ng	90
18) Hexachloroethane	8.60	117	27569	33.58	ng	# 81
19) n-Nitroso-di-n-propylamine	8.35	70	53081	31.00	ng	# 84
20) 3+4-Methylphenols	8.34	107	70075	32.11	ng	# 88
22) Acetophenone	8.36	105	88906	35.27	ng	# 92
24) Nitrobenzene	8.74	77	79865	37.34	ng	97
25) Isophorone	9.26	82	140665	32.64	ng	# 96
26) 2-Nitrophenol	9.44	139	35748	36.04	ng	# 82
27) 2,4-Dimethylphenol	9.53	122	58301	36.15	ng	96
28) bis(2-Chloroethoxy)methane	9.75	93	67289	34.18	ng	# 94
29) 2,4-Dichlorophenol	10.00	162	63912	40.66	ng	93
30) 1,2,4-Trichlorobenzene	10.19	180	69967	37.86	ng	95
31) Naphthalene	10.37	128	176628	32.87	ng	97
32) Benzoic acid	9.71	122	29609	29.04	ng	94
33) 4-Chloroaniline	10.50	127	43933	18.43	ng	95
34) Hexachlorobutadiene	10.65	225	52907	43.98	ng	96
35) Caprolactam	11.27	113	12712	14.70	ng	94
36) 4-Chloro-3-methylphenol	11.67	107	75804	37.07	ng	96
37) 2-Methylnaphthalene	12.00	142	138910	33.63	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	93631	40.56	ng	96
40) Hexachlorocyclopentadiene	12.35	237	79712	60.33	ng	93

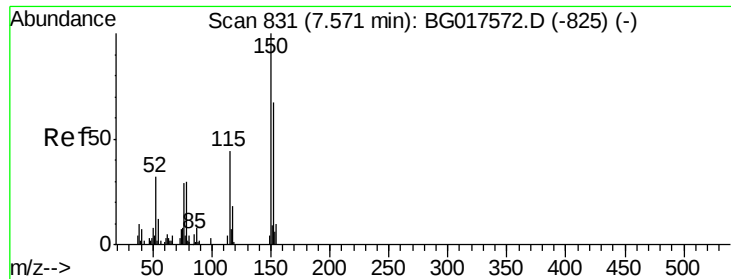
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017614.D
 Acq On : 11 Jun 2015 18:07
 Operator : TP/IZ
 Sample : PB83925BS
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Instrument :
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Quant Time: Jun 12 01:22:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.64	196	61499	37.20	ng	99
43) 2,4,5-Trichlorophenol	12.72	196	68010	37.56	ng	# 93
45) 1,1'-Biphenyl	13.03	154	192145	34.65	ng	96
46) 2-Chloronaphthalene	13.08	162	154702	33.36	ng	96
47) 2-Nitroaniline	13.29	65	61925	36.17	ng	91
48) Acenaphthylene	13.93	152	259451	31.77	ng	99
49) Dimethylphthalate	13.68	163	222315	33.66	ng	96
50) 2,6-Dinitrotoluene	13.80	165	52068	35.09	ng	# 85
51) Acenaphthene	14.27	154	150627	31.28	ng	99
52) 3-Nitroaniline	14.13	138	31765	19.77	ng	# 87
53) 2,4-Dinitrophenol	14.35	184	55762	61.65	ng	100
54) Dibenzofuran	14.61	168	258980	36.46	ng	96
55) 4-Nitrophenol	14.49	139	67936	53.25	ng	# 74
56) 2,4-Dinitrotoluene	14.60	165	75584	35.76	ng	# 89
57) Fluorene	15.26	166	230884	35.85	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.86	232	66995	40.56	ng	94
59) Diethylphthalate	15.05	149	231641	32.31	ng	97
60) 4-Chlorophenyl-phenylether	15.26	204	129096	39.55	ng	93
61) 4-Nitroaniline	15.30	138	48813	27.59	ng	# 71
62) Azobenzene	15.55	77	247960	36.39	ng	92
64) 4,6-Dinitro-2-methylphenol	15.37	198	48306	31.40	ng	91
65) n-Nitrosodiphenylamine	15.48	169	194347	31.40	ng	95
66) 4-Bromophenyl-phenylether	16.15	248	83558	36.37	ng	93
67) Hexachlorobenzene	16.27	284	83710	33.89	ng	94
68) Atrazine	16.44	200	92083	33.80	ng	89
69) Pentachlorophenol	16.62	266	82005	56.02	ng	93
70) Phenanthrene	17.01	178	365838	31.62	ng	100
71) Anthracene	17.09	178	369862	32.00	ng	96
72) Carbazole	17.38	167	337055	29.53	ng	96
73) Di-n-butylphthalate	17.94	149	443629	30.35	ng	99
74) Fluoranthene	19.03	202	507645	33.55	ng	97
76) Benzidine	19.23	184	268645	29.72	ng	98
77) Pyrene	19.40	202	522008	32.22	ng	98
79) Butylbenzylphthalate	20.31	149	219154	31.26	ng	# 97
80) Benzo(a)anthracene	21.15	228	548955	33.94	ng	97
81) 3,3'-Dichlorobenzidine	21.08	252	100978	16.71	ng	98
82) Chrysene	21.20	228	490339	33.48	ng	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	303180	29.99	ng	96
84) Di-n-octyl phthalate	21.94	149	486936	28.73	ng	99
85) Indeno(1,2,3-cd)pyrene	25.58	276	527937	28.71	ng	# 94
87) Benzo(b)fluoranthene	22.70	252	476776	33.38	ng	# 97
88) Benzo(k)fluoranthene	22.74	252	485401	35.51	ng	# 95
89) Benzo(a)pyrene	23.26	252	470259	35.90	ng	# 95
90) Dibenzo(a,h)anthracene	25.59	278	446027	32.77	ng	96
91) Benzo(g,h,i)perylene	26.27	276	428221	33.05	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG017614.D

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PB83925BS

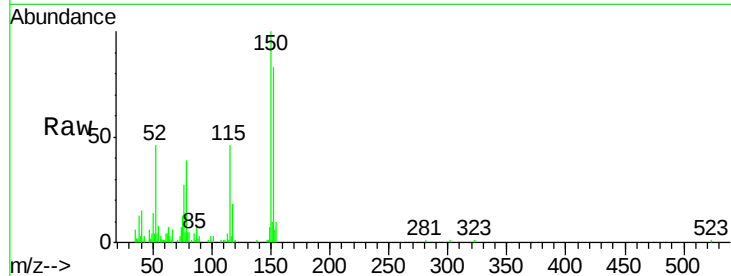
Tgt Ion:152 Resp: 26175

Ion Ratio Lower Upper

152 100

150 120.9 121.7 182.5#

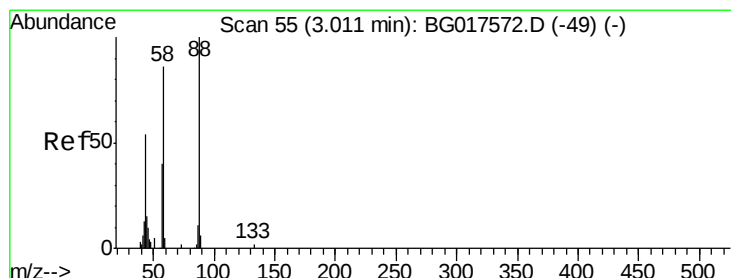
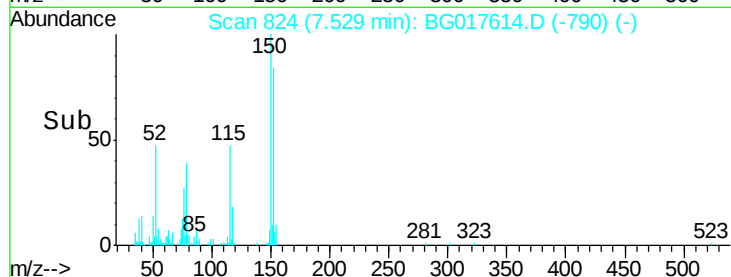
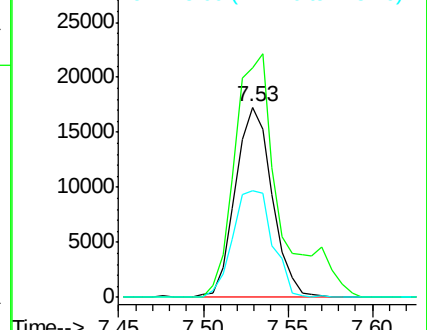
115 56.1 48.6 73.0



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: 26.90 ng

RT: 2.96 min Scan# 46

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

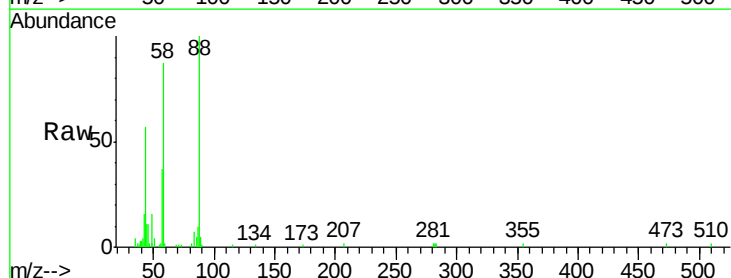
Tgt Ion: 88 Resp: 17987

Ion Ratio Lower Upper

88 100

58 82.4 59.0 88.6

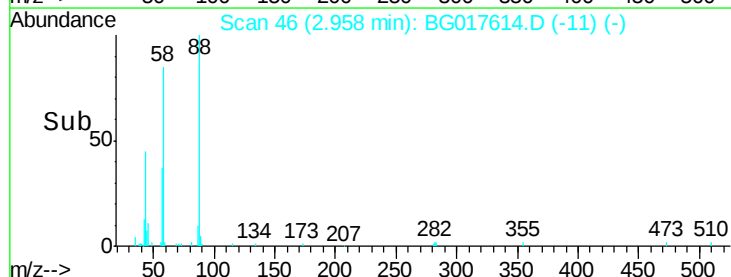
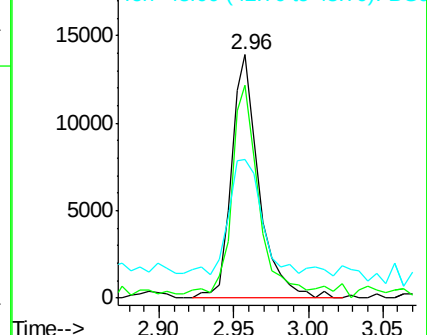
43 57.5 34.5 51.7#

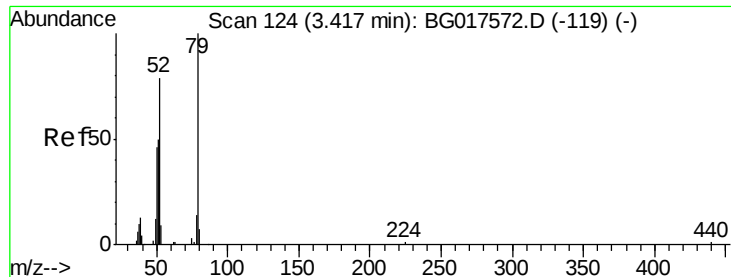


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.18 ng

RT: 3.36 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

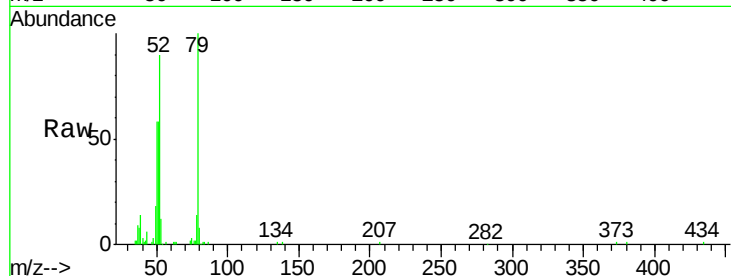
Tgt Ion: 79 Resp: 52125

Ion Ratio Lower Upper

79 100

52 90.2 68.3 102.5

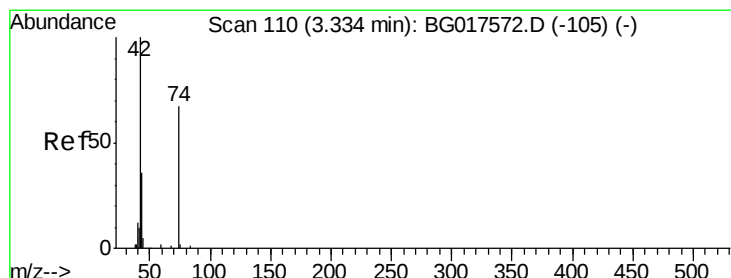
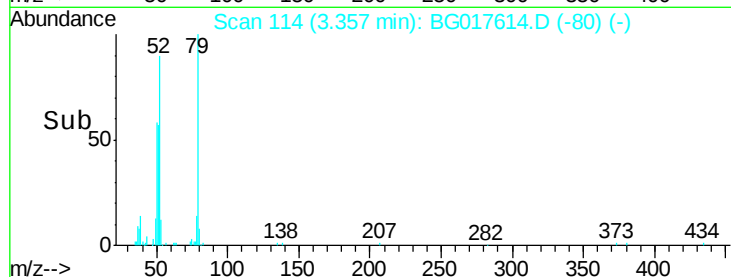
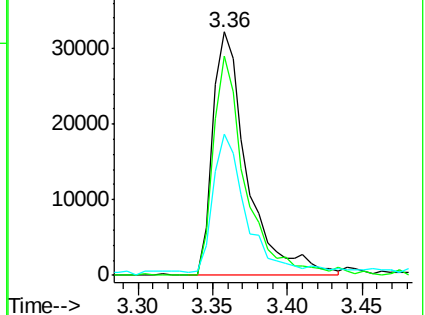
51 58.2 45.0 67.4



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: 43.08 ng

RT: 3.29 min Scan# 102

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

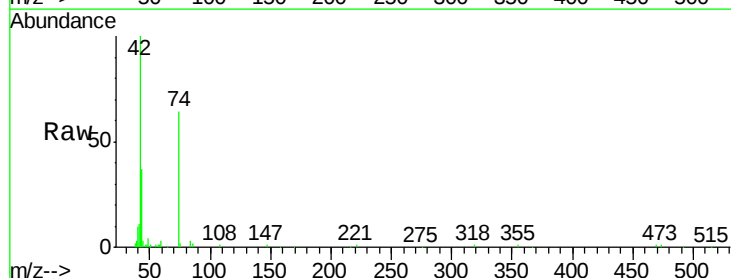
Tgt Ion: 42 Resp: 50431

Ion Ratio Lower Upper

42 100

74 64.5 71.4 107.2#

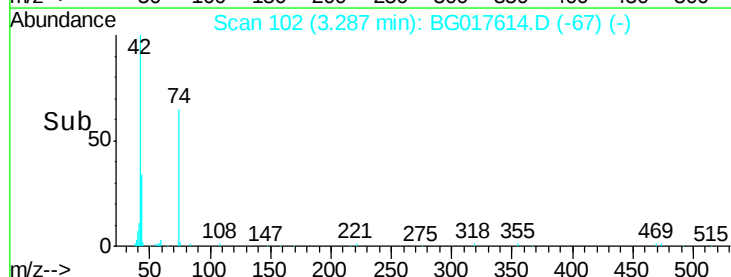
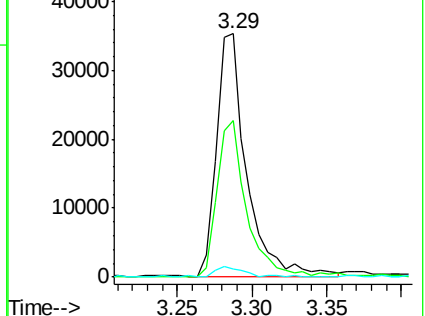
44 3.1 4.5 6.7#

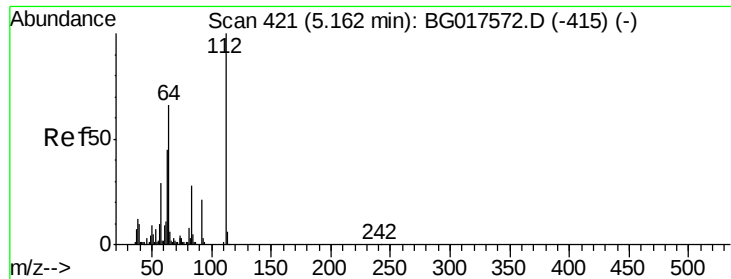


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 110.27 ng

RT: 5.12 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

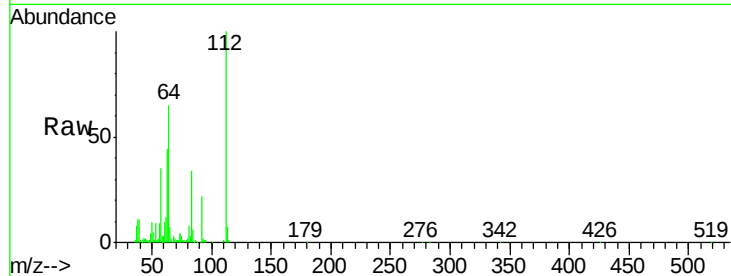
Tgt Ion: 112 Resp: 163830

Ion Ratio Lower Upper

112 100

64 64.8 51.6 77.4

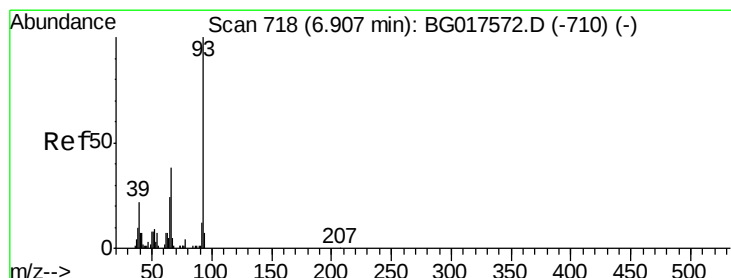
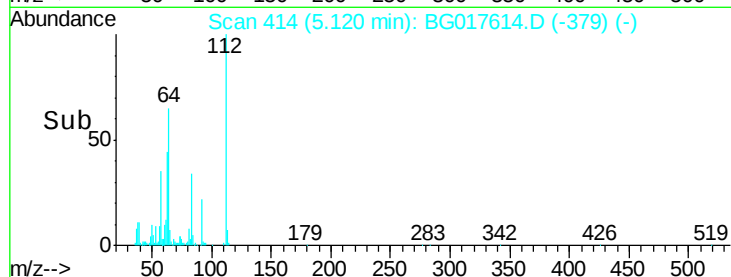
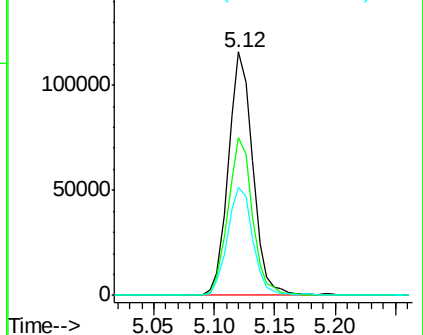
63 44.4 33.3 49.9



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: 24.50 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

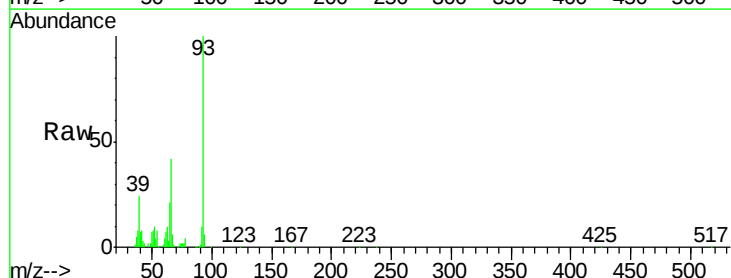
Tgt Ion: 93 Resp: 66562

Ion Ratio Lower Upper

93 100

66 42.3 34.3 51.5

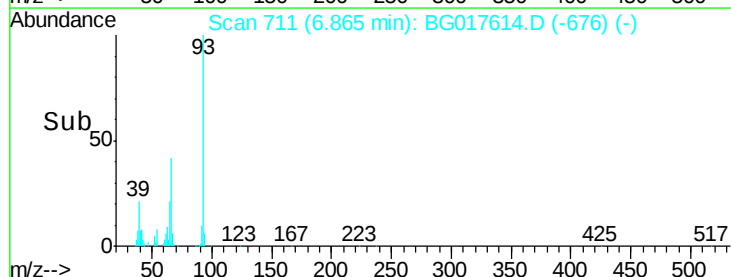
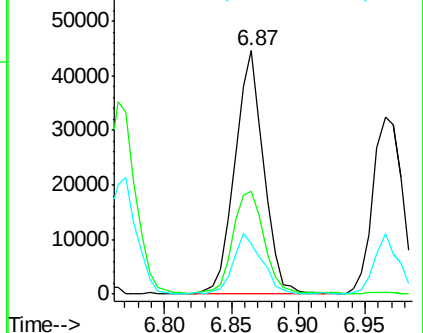
65 20.9 17.0 25.4

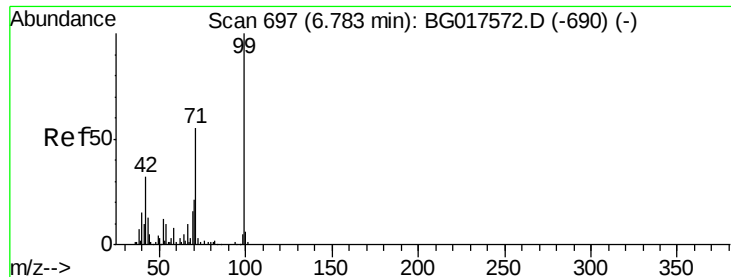


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.67 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

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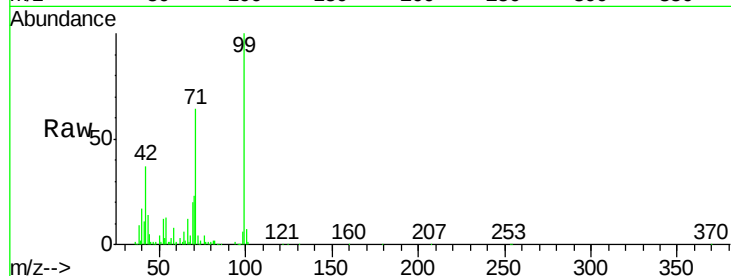
Tgt Ion: 99 Resp: 209826

Ion Ratio Lower Upper

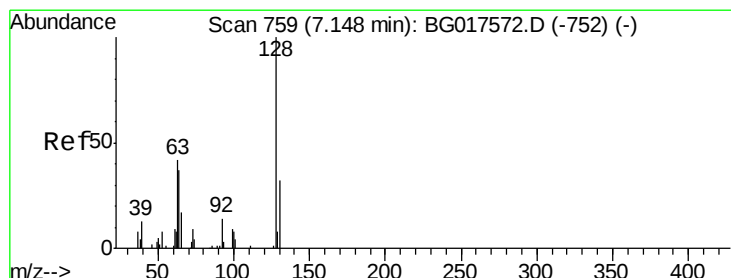
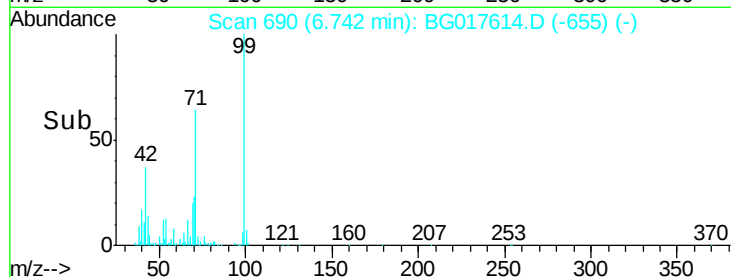
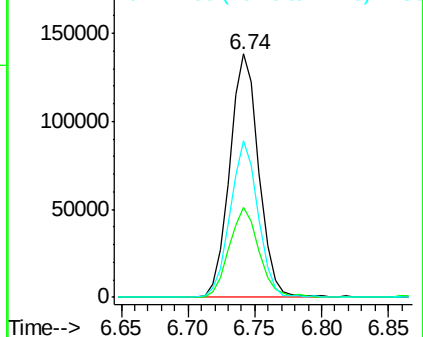
99 100

42 36.9 21.0 31.6#

71 64.4 37.2 55.8#



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: 32.51 ng

RT: 7.11 min Scan# 752

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

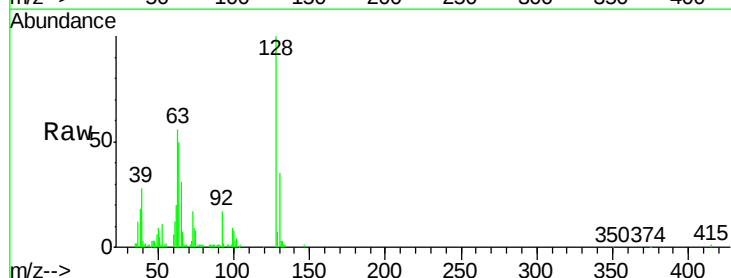
Tgt Ion: 128 Resp: 57117

Ion Ratio Lower Upper

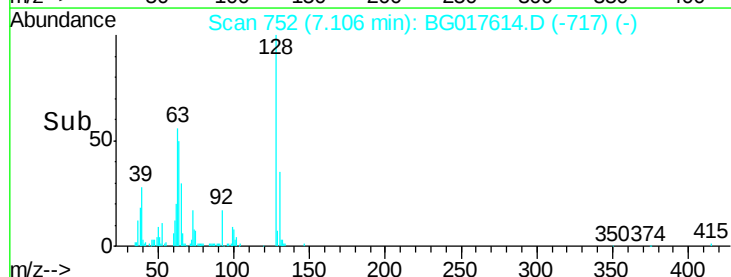
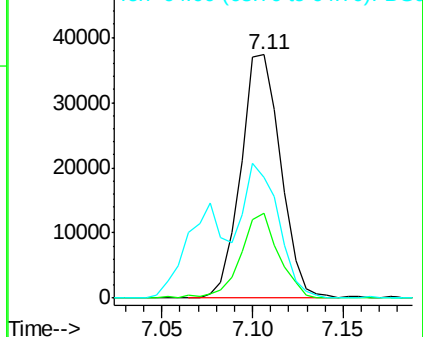
128 100

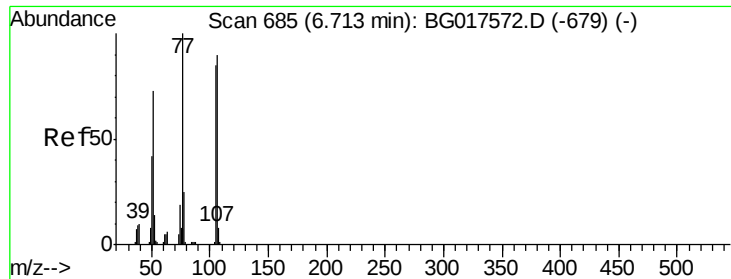
130 35.0 11.7 51.7

64 49.7 32.5 72.5



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: 31.14 ng

RT: 6.67 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

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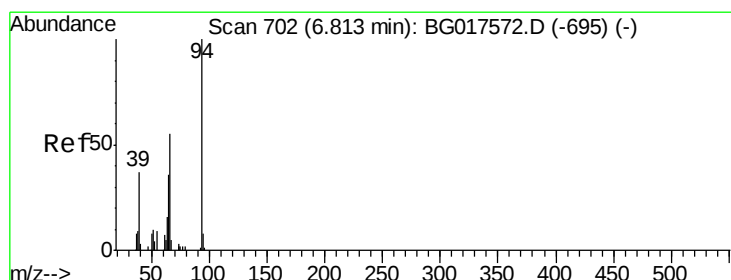
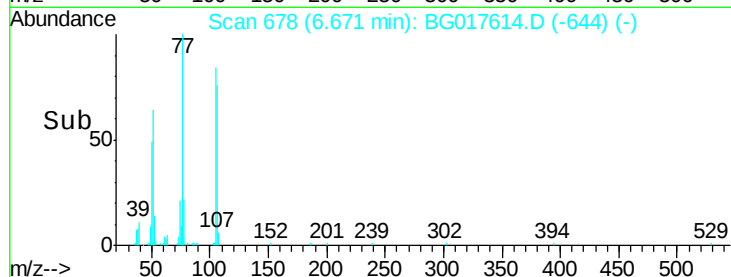
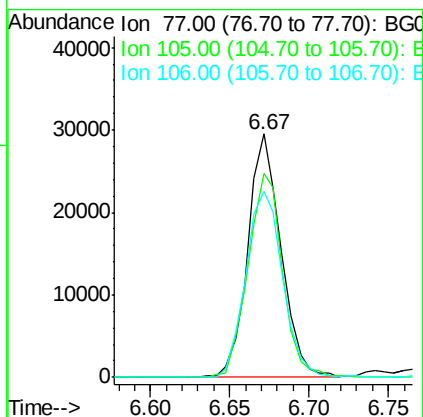
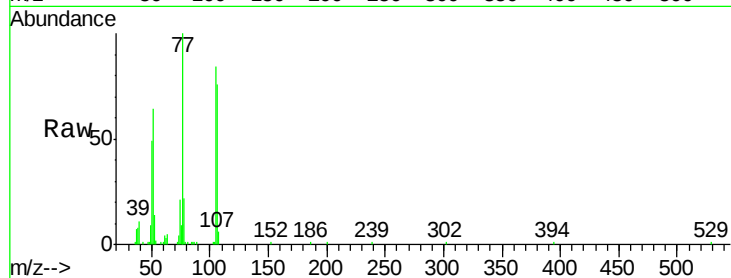
Tgt Ion: 77 Resp: 42779

Ion Ratio Lower Upper

77 100

105 83.9 64.0 104.0

106 76.4 67.2 107.2



#10

Phenol

Concen: 35.35 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

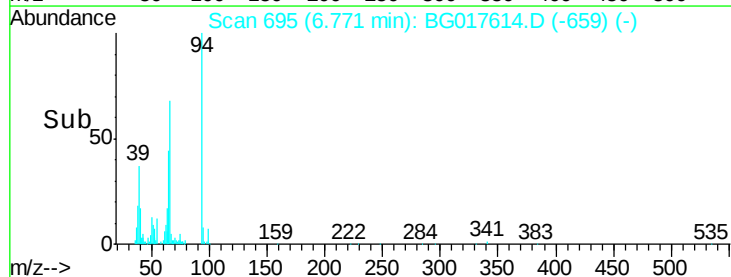
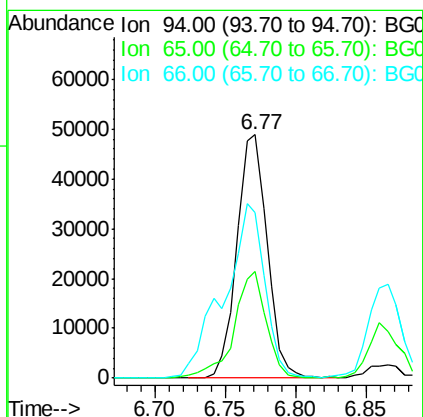
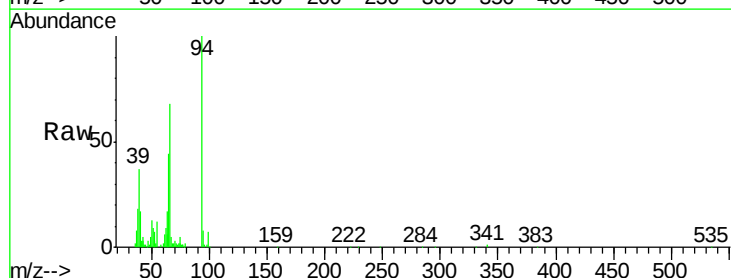
Tgt Ion: 94 Resp: 73484

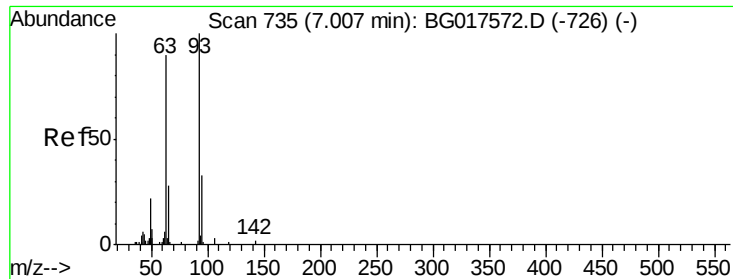
Ion Ratio Lower Upper

94 100

65 43.9 15.9 55.9

66 68.0 34.9 74.9

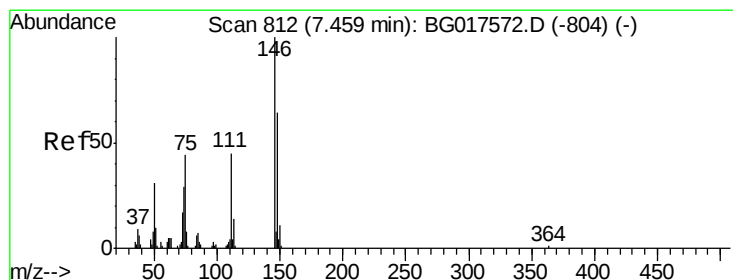
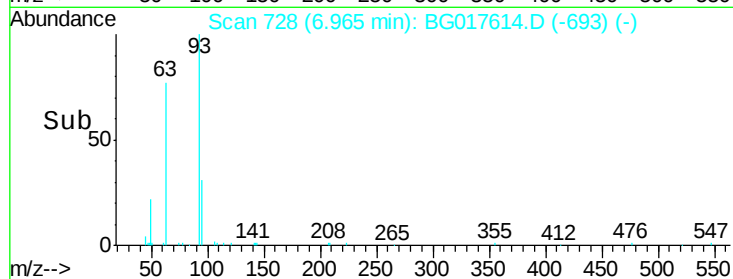
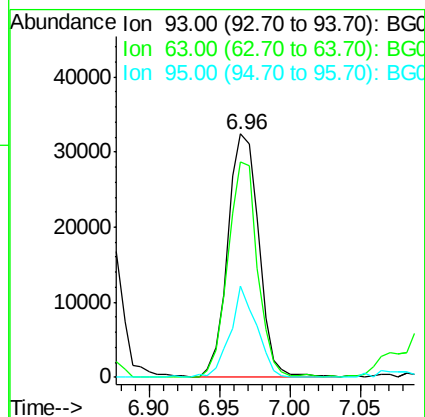
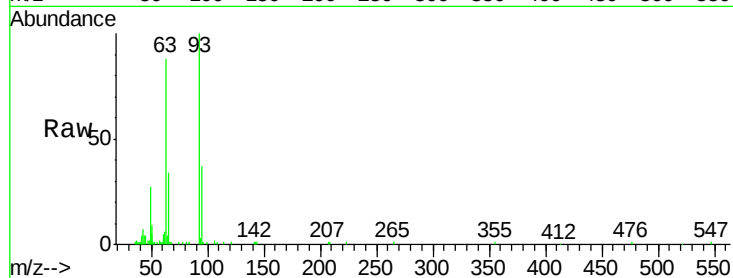




#11
bis(2-Chloroethyl)ether
Concen: 31.35 ng
RT: 6.96 min Scan# 728
Delta R.T. 0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

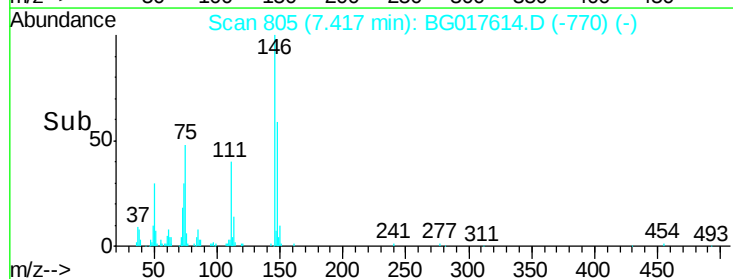
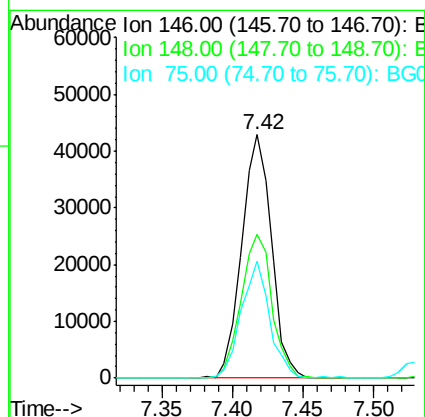
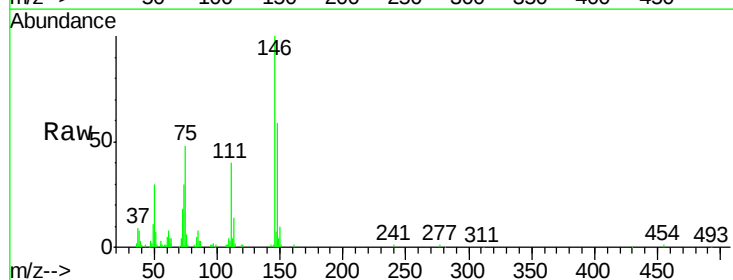
Instrument :
BNA_G
ClientSampleId :
PB83925BS

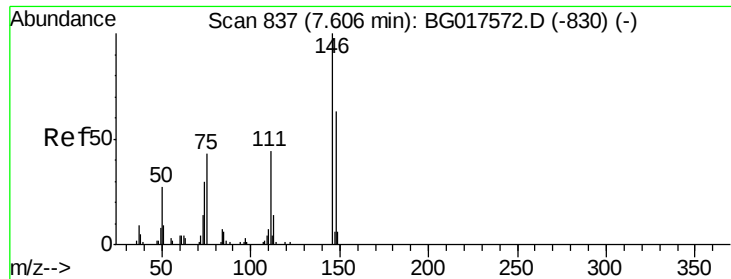
Tgt Ion: 93 Resp: 49663
Ion Ratio Lower Upper
93 100
63 88.3 59.7 99.7
95 37.4 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 32.16 ng
RT: 7.42 min Scan# 805
Delta R.T. 0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion: 146 Resp: 63161
Ion Ratio Lower Upper
146 100
148 59.2 55.2 82.8
75 48.1 34.1 51.1

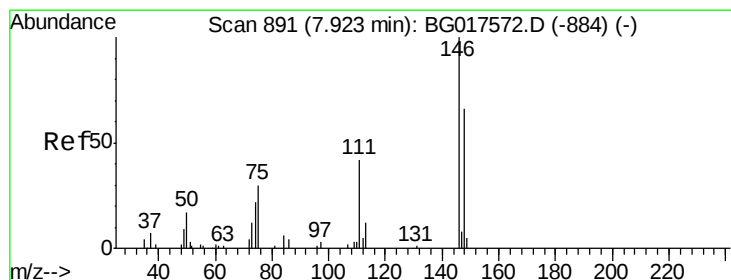
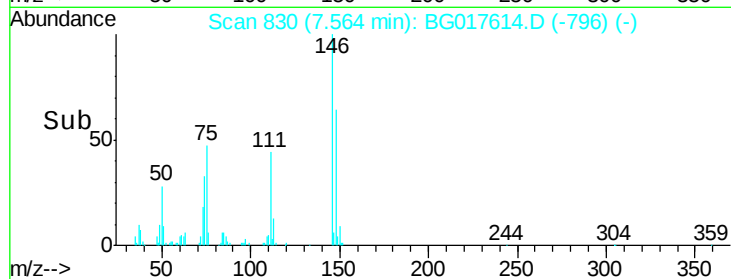
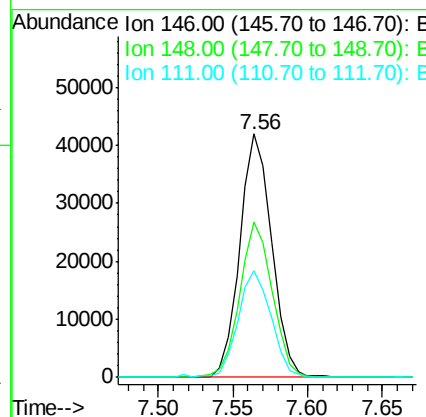
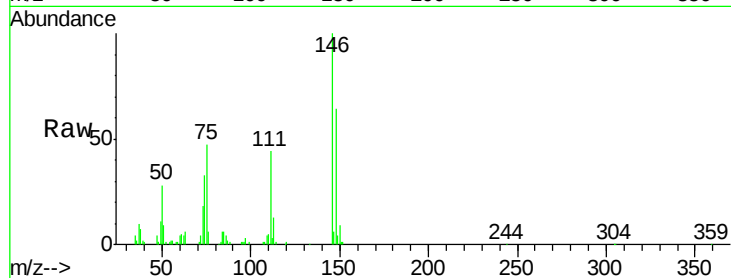




#13
 1,4-Dichlorobenzene
 Concen: 30.25 ng
 RT: 7.56 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

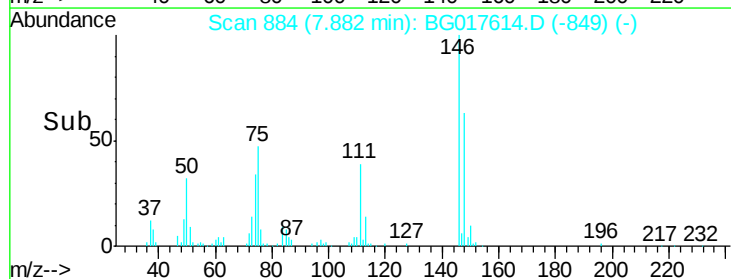
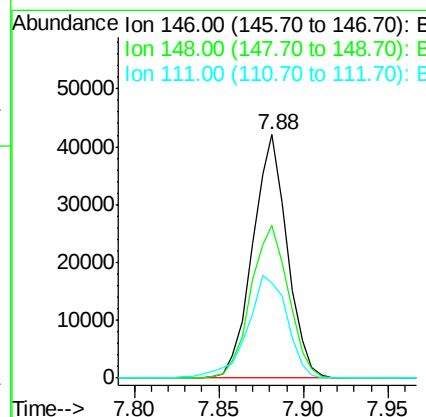
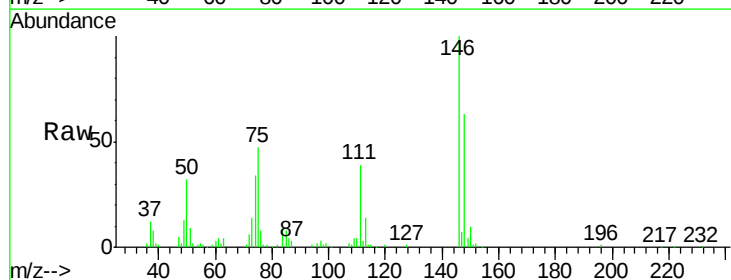
Instrument :
 BNA_G
 ClientSampleId :
 PB83925BS

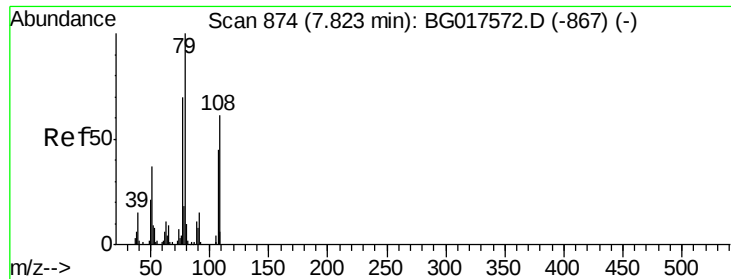
Tgt Ion:146 Resp: 62268
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.2 79.8
 111 44.0 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 31.04 ng
 RT: 7.88 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Tgt Ion:146 Resp: 59813
 Ion Ratio Lower Upper
 146 100
 148 62.9 46.9 70.3
 111 39.3 35.0 52.4





#15

Benzyl Alcohol

Concen: 34.45 ng

RT: 7.79 min Scan# 868

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampled :

PB83925BS

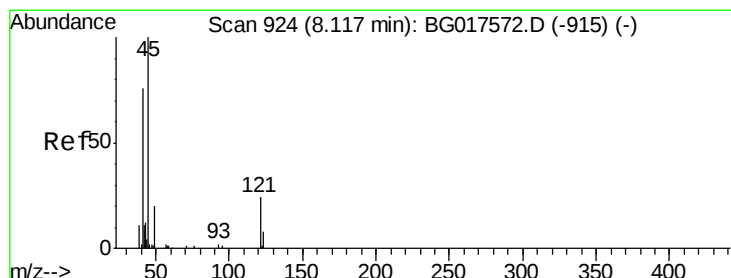
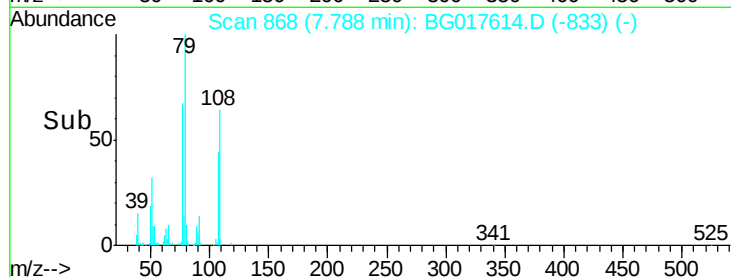
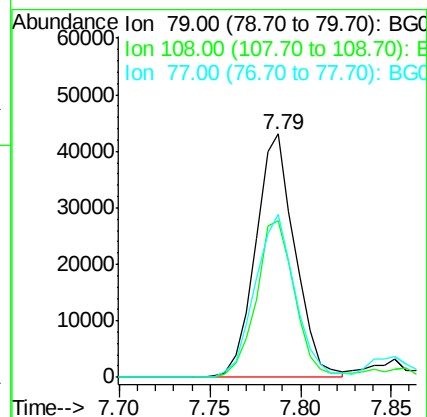
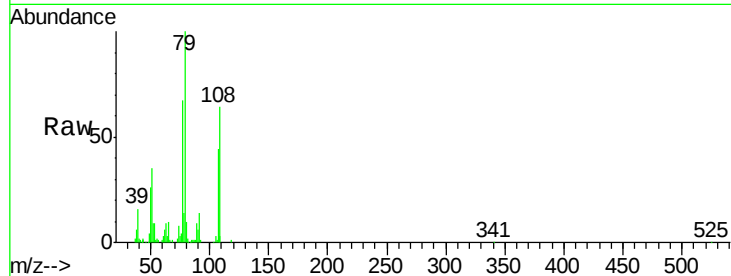
Tgt Ion: 79 Resp: 64921

Ion Ratio Lower Upper

79 100

108 64.3 53.7 80.5

77 66.8 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.59 ng

RT: 8.08 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

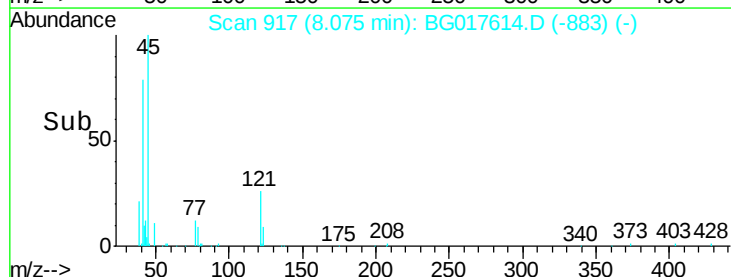
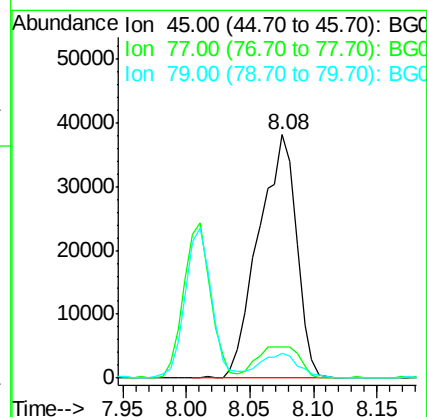
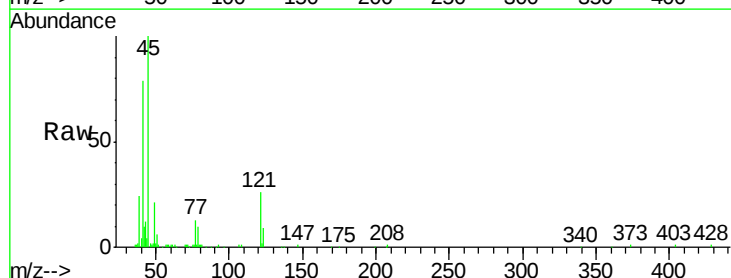
Tgt Ion: 45 Resp: 79012

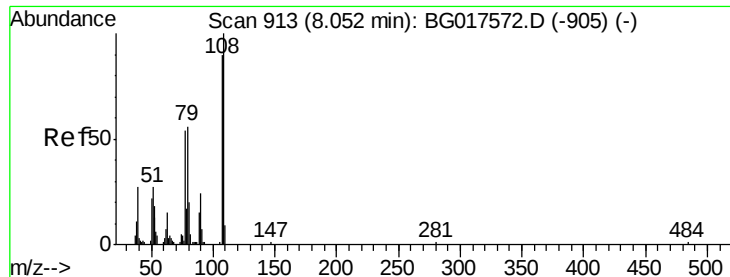
Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.9

79 10.4 0.0 29.0

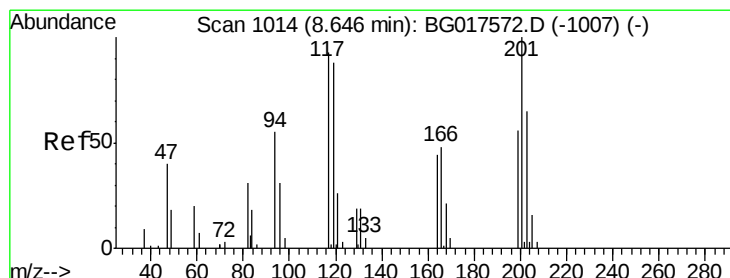
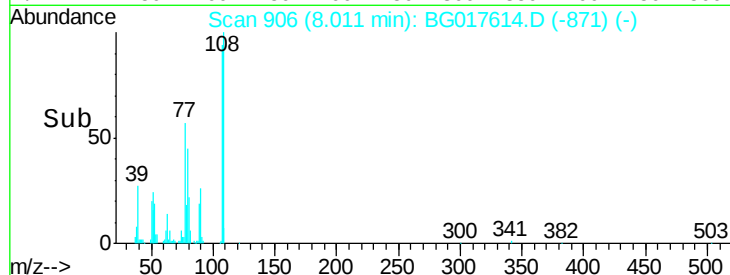
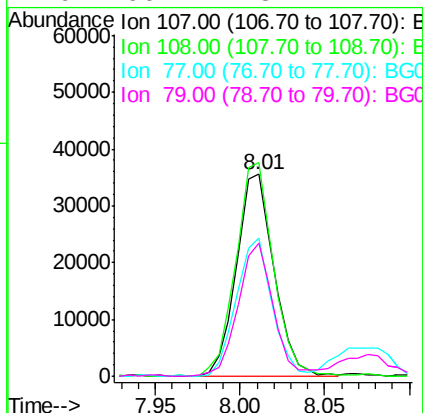
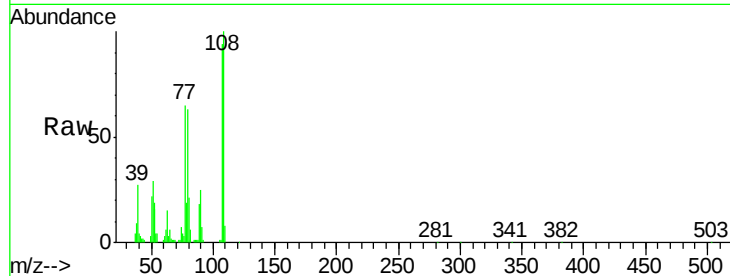




#17
2-Methylphenol
Concen: 34.84 ng
RT: 8.01 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

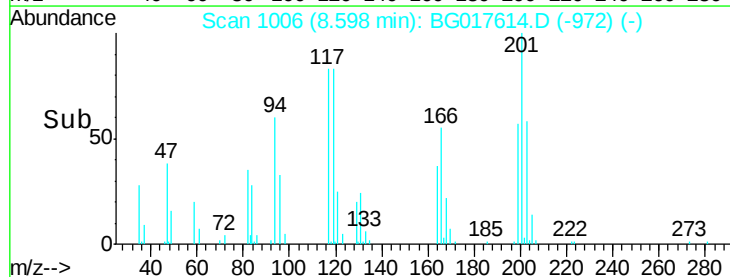
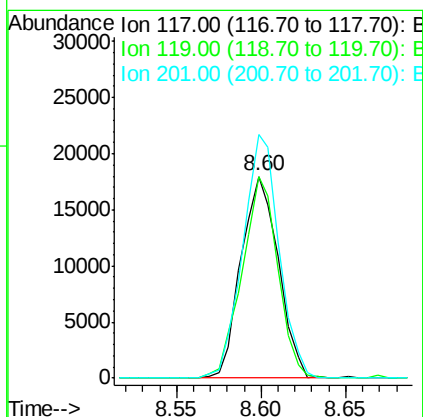
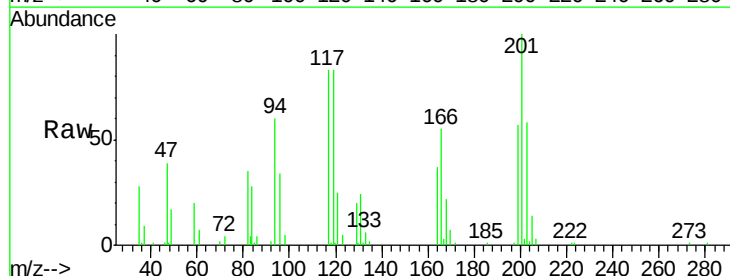
Instrument :
BNA_G
ClientSampleId :
PB83925BS

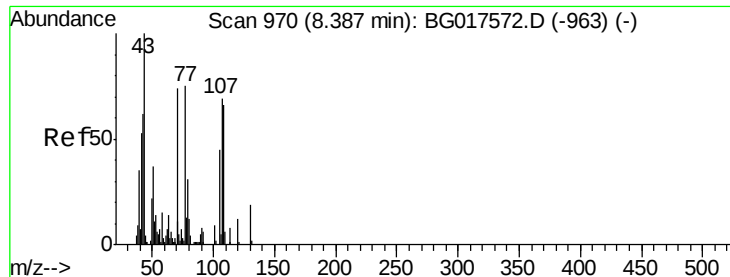
Tgt Ion:	107	Resp:	54956
Ion	Ratio	Lower	Upper
107	100		
108	105.9	95.4	143.0
77	68.4	48.8	73.2
79	66.2	48.2	72.4



#18
Hexachloroethane
Concen: 33.58 ng
RT: 8.60 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:	117	Resp:	27569
Ion	Ratio	Lower	Upper
117	100		
119	101.5	75.0	112.4
201	120.9	74.2	111.2#

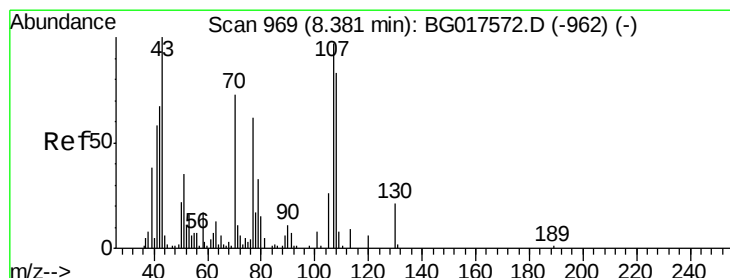
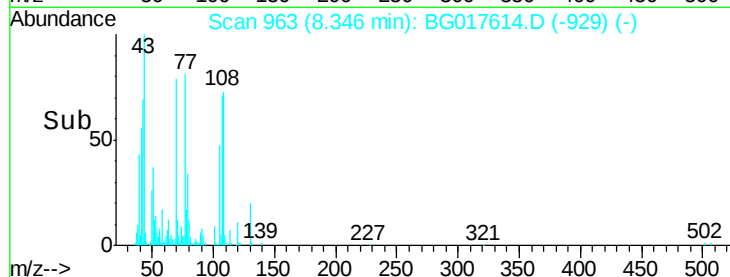
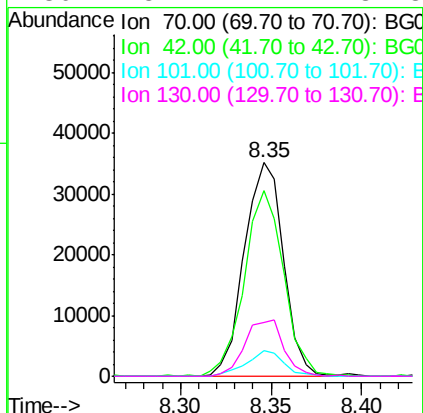
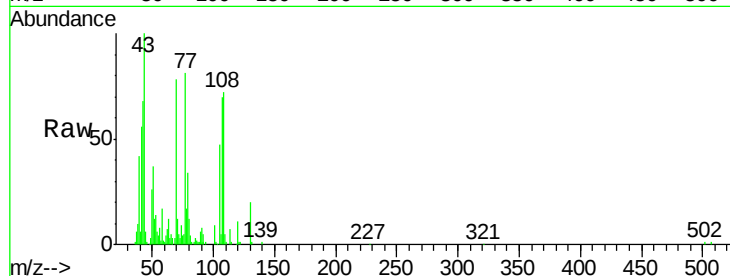




#19
n-Nitroso-di-n-propylamine
Concen: 31.00 ng
RT: 8.35 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

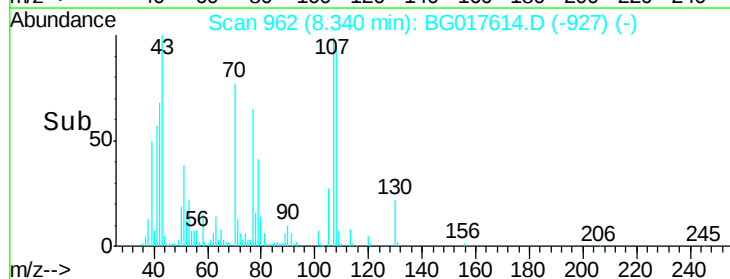
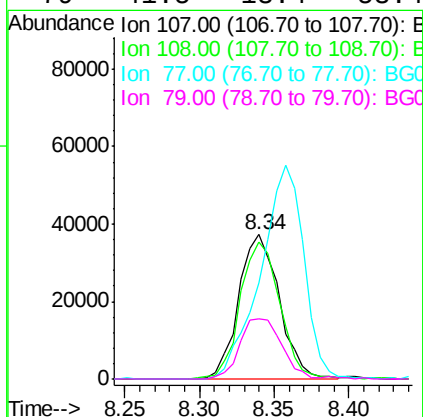
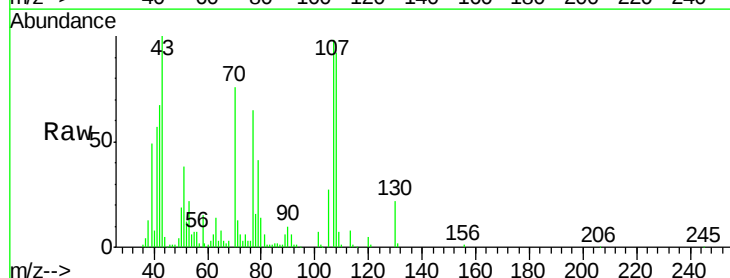
Instrument :
BNA_G
ClientSampleId :
PB83925BS

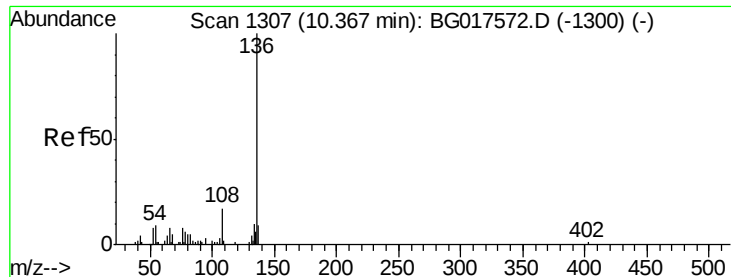
Tgt Ion: 70 Resp: 53081
Ion Ratio Lower Upper
70 100
42 87.2 53.8 80.8#
101 11.7 9.5 14.3
130 25.4 21.2 31.8



#20
3+4-Methylphenols
Concen: 32.11 ng
RT: 8.34 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:107 Resp: 70075
Ion Ratio Lower Upper
107 100
108 94.5 73.0 113.0
77 66.0 23.9 63.9#
79 41.5 13.4 53.4

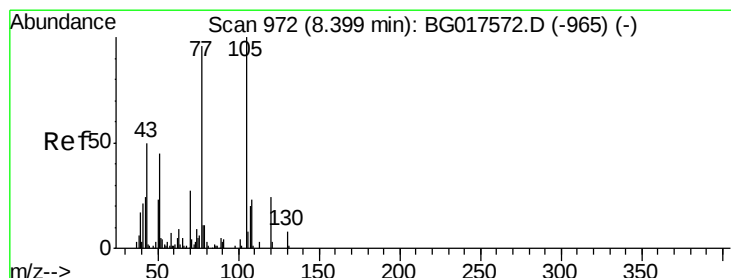
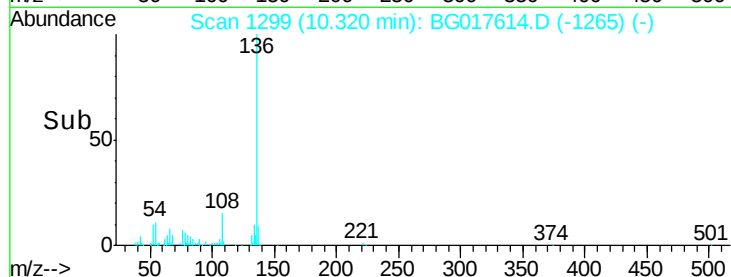
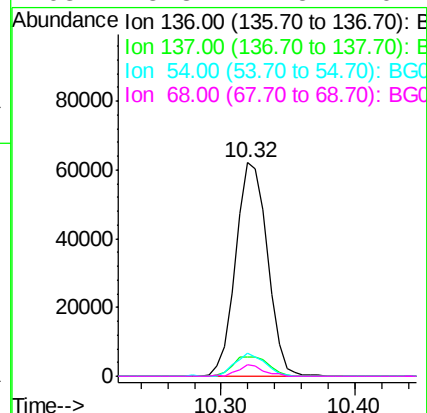
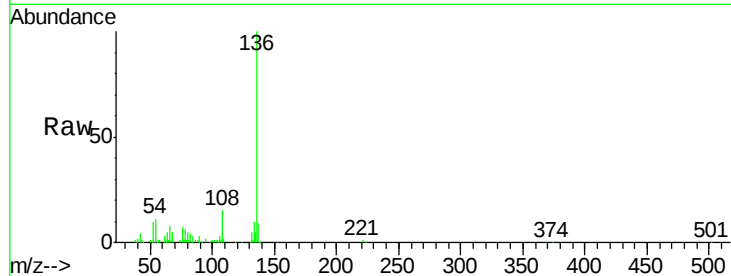




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

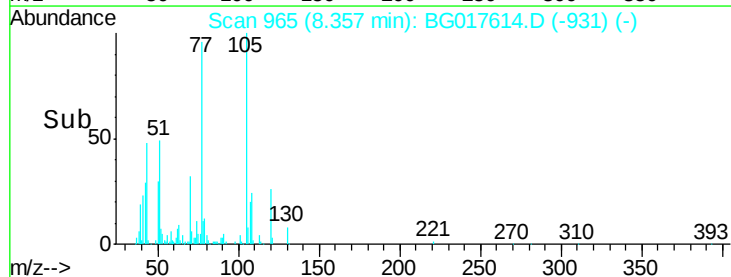
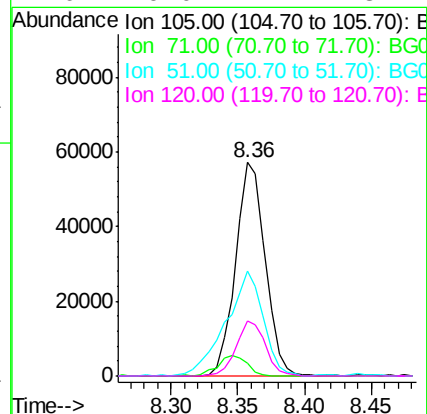
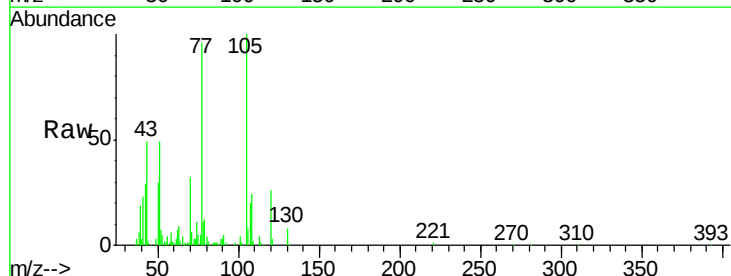
Instrument :
BNA_G
ClientSampleId :
PB83925BS

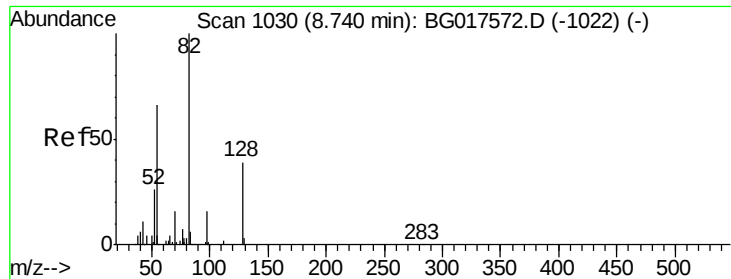
Tgt Ion:	136	Resp:	102843
Ion	Ratio	Lower	Upper
136	100		
137	9.0	7.9	11.9
54	10.8	7.2	10.8#
68	5.3	4.5	6.7



#22
Acetophenone
Concen: 35.27 ng
RT: 8.36 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:	105	Resp:	88906
Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.3	7.9
51	48.9	32.4	48.6#
120	26.0	21.4	32.2

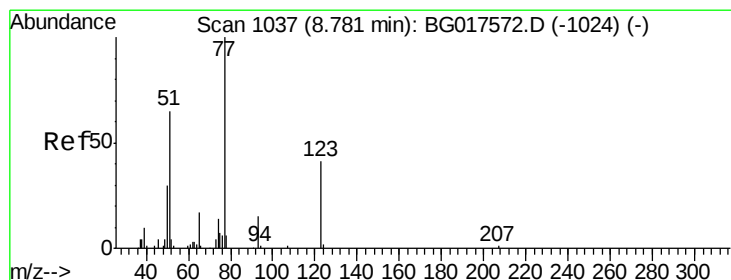
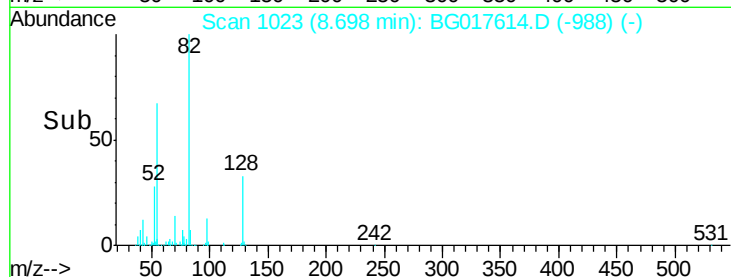
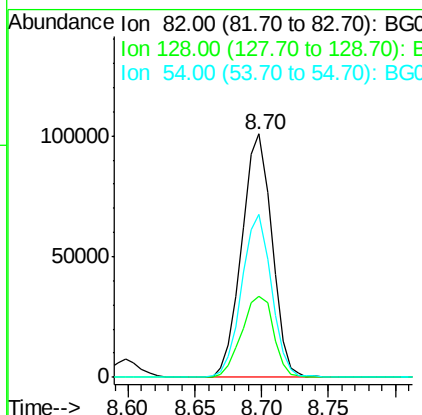
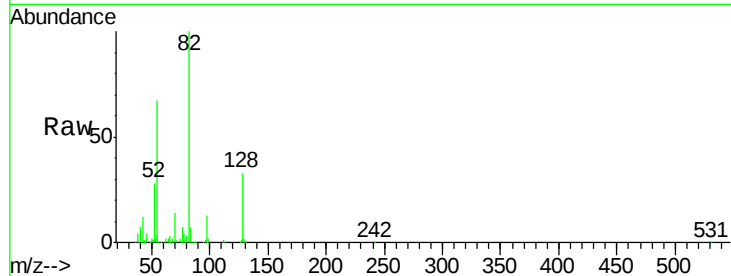




#23
 Nitrobenzene-d5
 Concen: 76.76 ng
 RT: 8.70 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

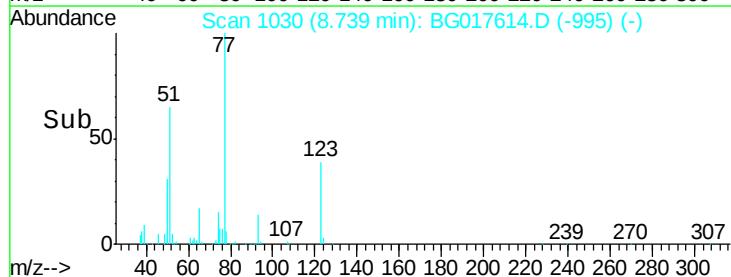
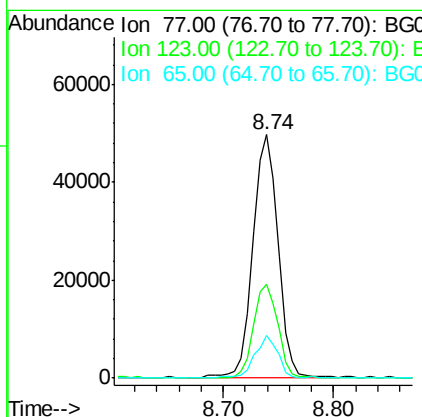
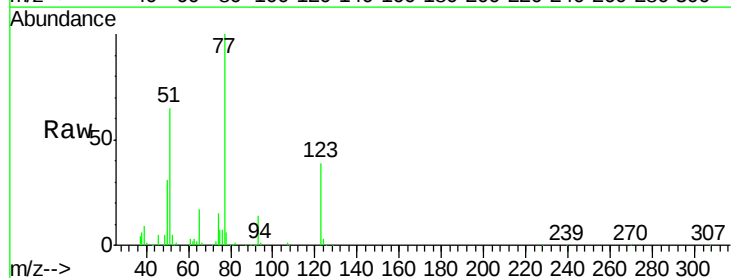
Instrument :
 BNA_G
 ClientSampleId :
 PB83925BS

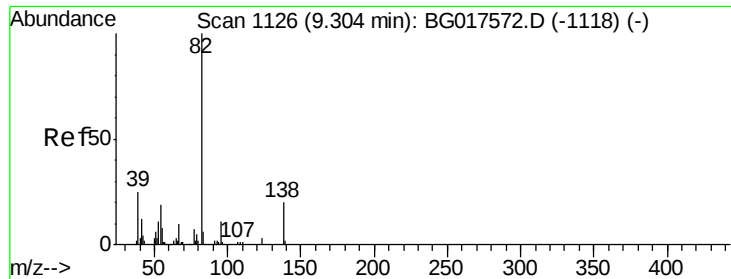
Tgt Ion: 82 Resp: 158143
 Ion Ratio Lower Upper
 82 100
 128 33.5 32.2 48.4
 54 66.9 47.4 71.2



#24
 Nitrobenzene
 Concen: 37.34 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Tgt Ion: 77 Resp: 79865
 Ion Ratio Lower Upper
 77 100
 123 38.6 32.6 49.0
 65 17.3 12.8 19.2





#25

Isophorone

Concen: 32.64 ng

RT: 9.26 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

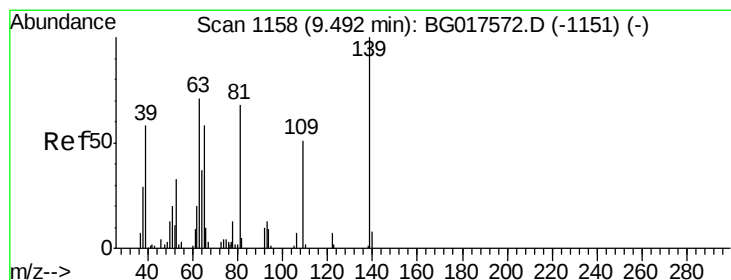
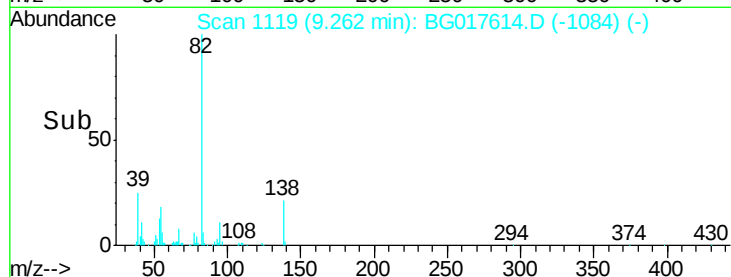
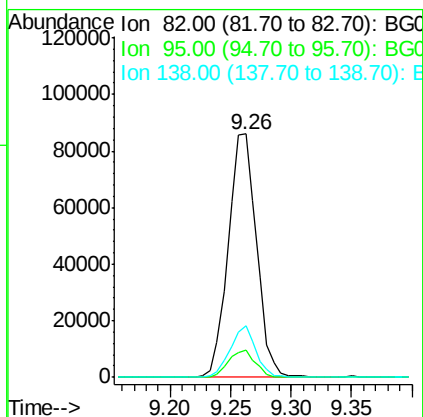
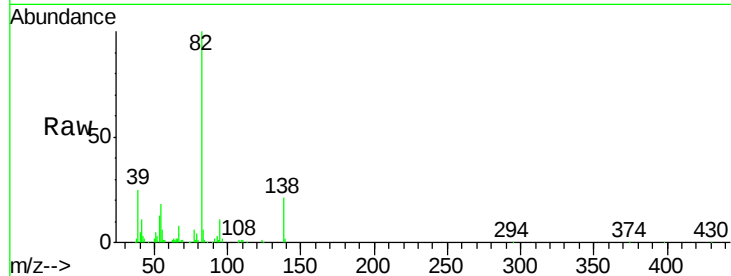
Tgt Ion: 82 Resp: 140665

Ion Ratio Lower Upper

82 100

95 11.2 7.1 10.7#

138 21.0 15.5 23.3



#26

2-Nitrophenol

Concen: 36.04 ng

RT: 9.44 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

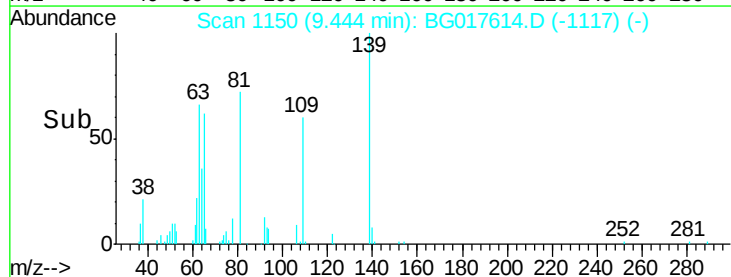
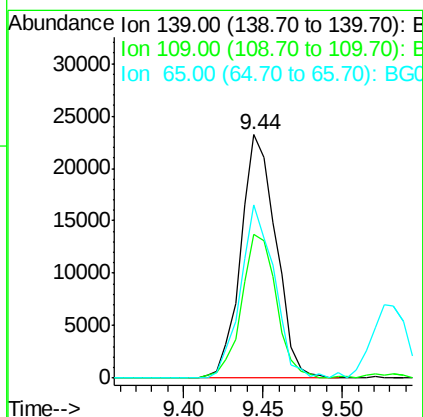
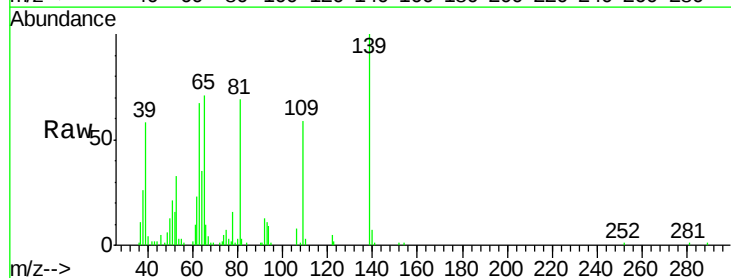
Tgt Ion: 139 Resp: 35748

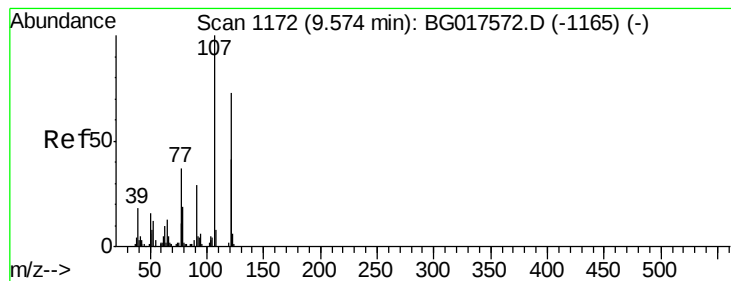
Ion Ratio Lower Upper

139 100

109 59.1 35.7 53.5#

65 71.1 48.3 72.5





#27

2,4-Dimethylphenol

Concen: 36.15 ng

RT: 9.53 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

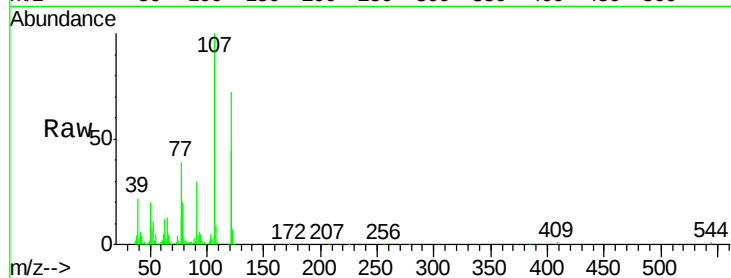
Tgt Ion:122 Resp: 58301

Ion Ratio Lower Upper

122 100

107 139.7 109.2 163.8

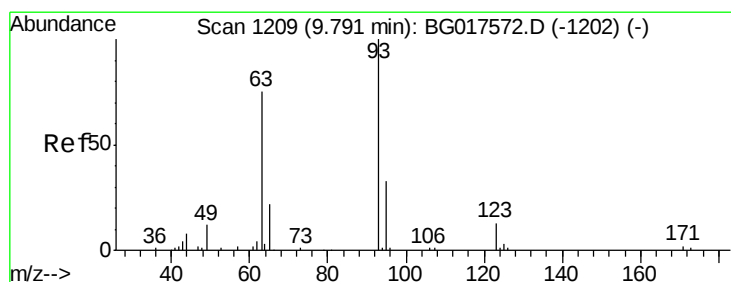
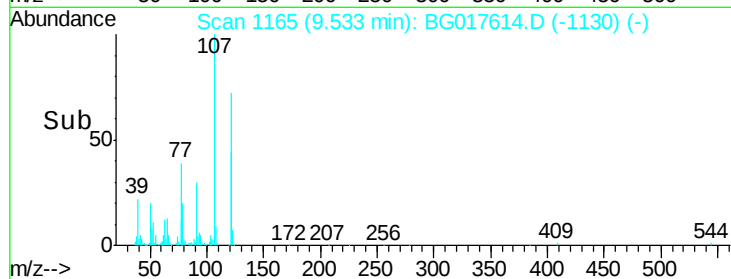
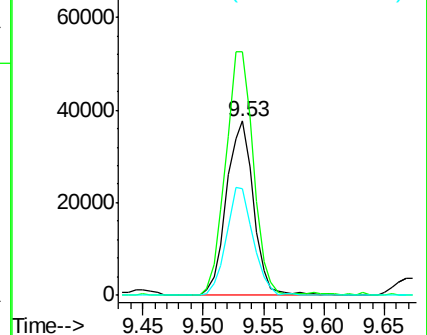
121 61.3 44.3 66.5



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: 34.18 ng

RT: 9.75 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

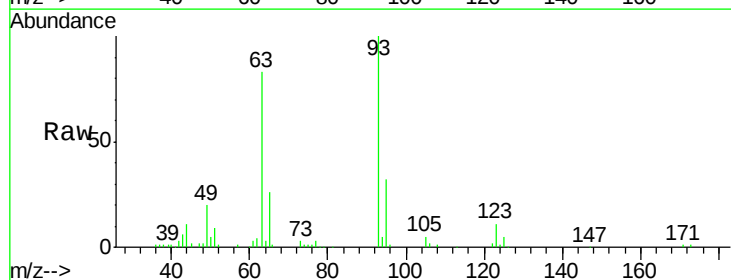
Tgt Ion: 93 Resp: 67289

Ion Ratio Lower Upper

93 100

95 31.8 27.0 40.6

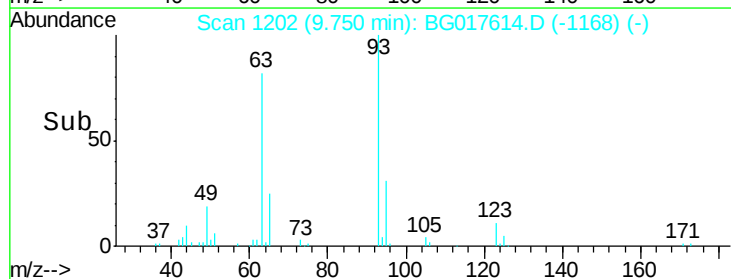
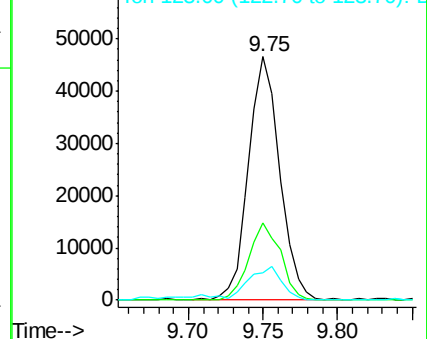
123 11.4 12.5 18.7#

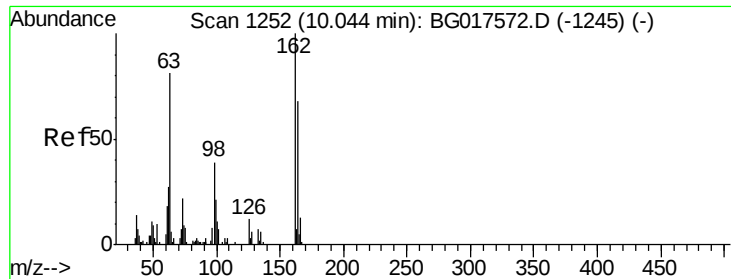


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

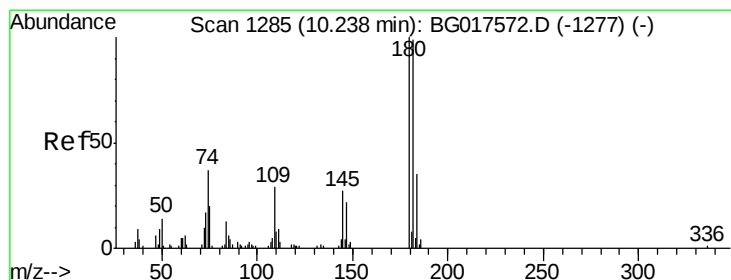
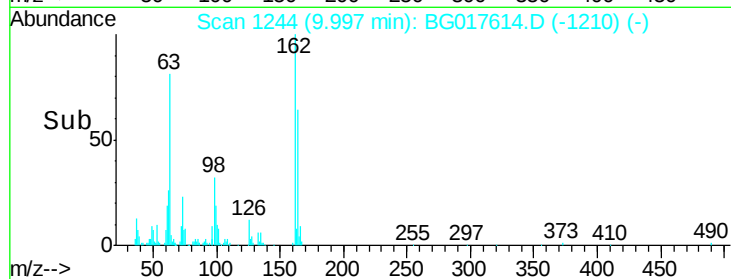
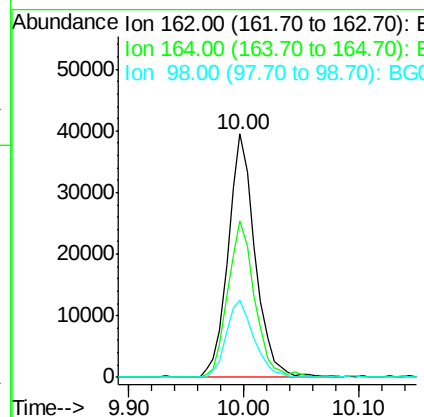
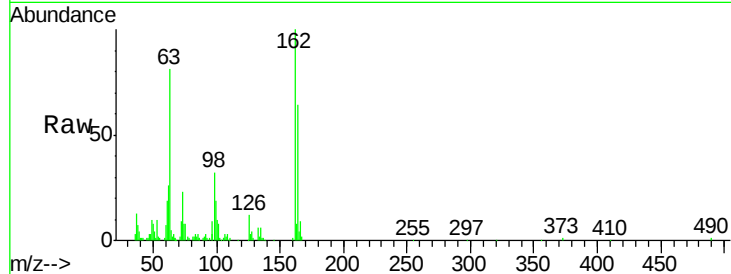




#29
2,4-Dichlorophenol
Concen: 40.66 ng
RT: 10.00 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

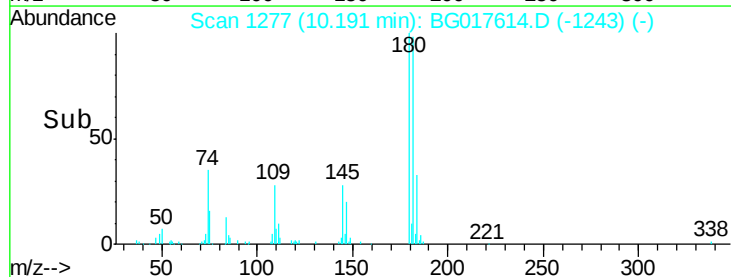
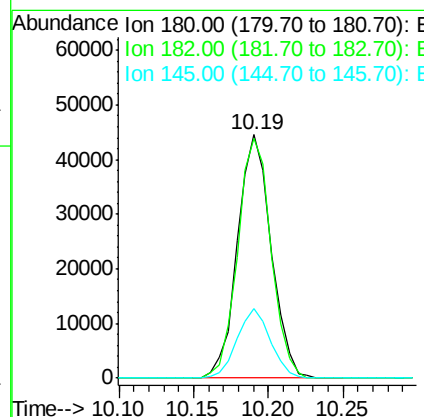
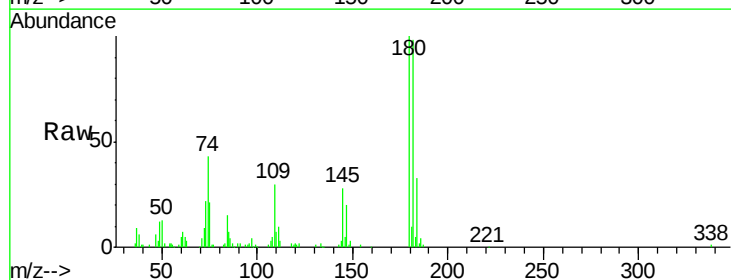
Instrument :
BNA_G
ClientSampleId :
PB83925BS

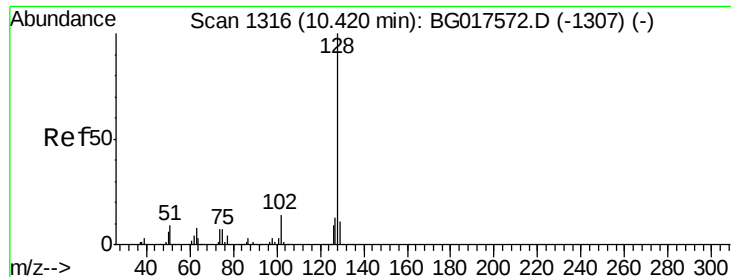
Tgt Ion:162 Resp: 63912
Ion Ratio Lower Upper
162 100
164 64.3 48.0 88.0
98 31.8 18.9 58.9



#30
1,2,4-Trichlorobenzene
Concen: 37.86 ng
RT: 10.19 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:180 Resp: 69967
Ion Ratio Lower Upper
180 100
182 98.4 74.5 111.7
145 28.3 23.5 35.3

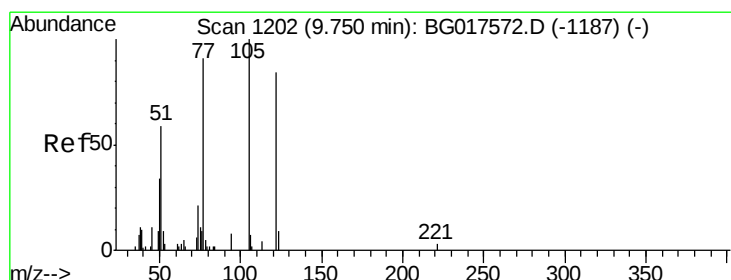
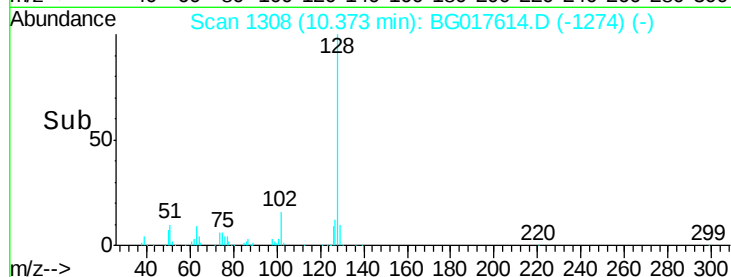
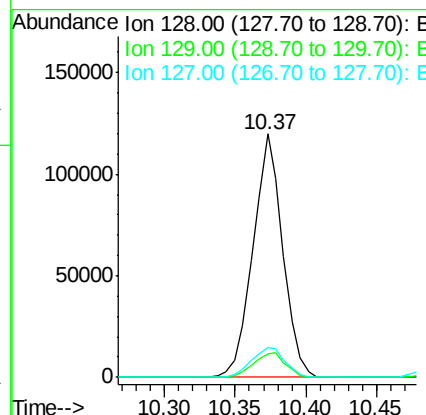
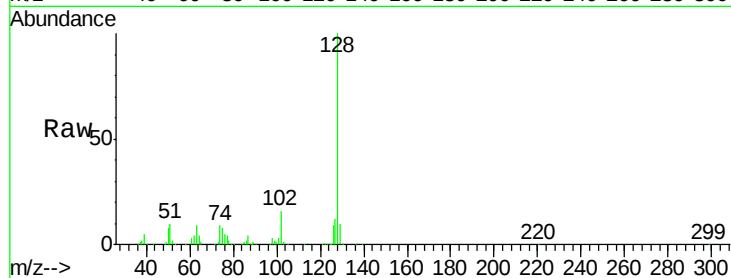




#31
Naphthalene
Concen: 32.87 ng
RT: 10.37 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

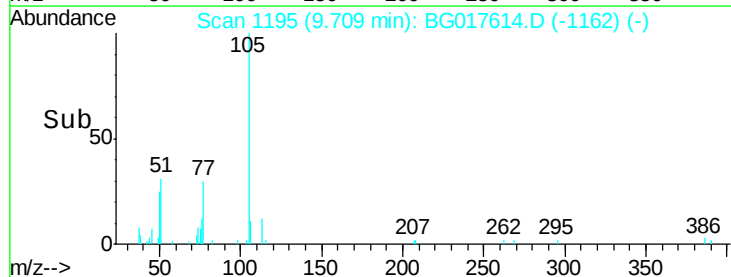
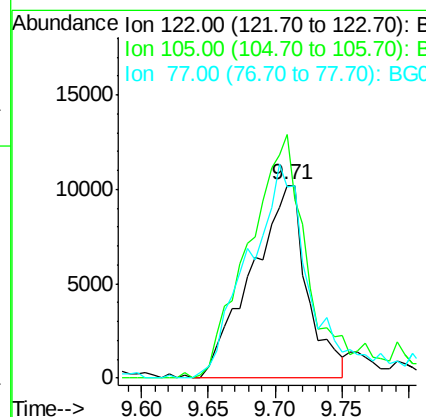
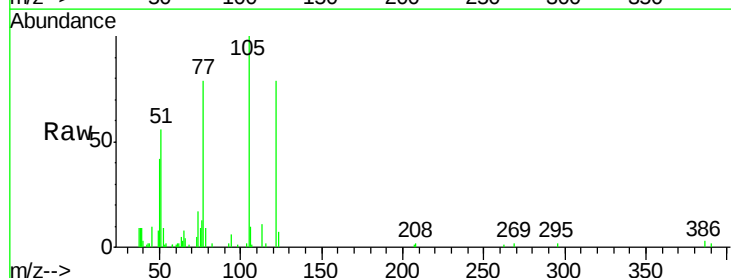
Instrument :
BNA_G
ClientSampleId :
PB83925BS

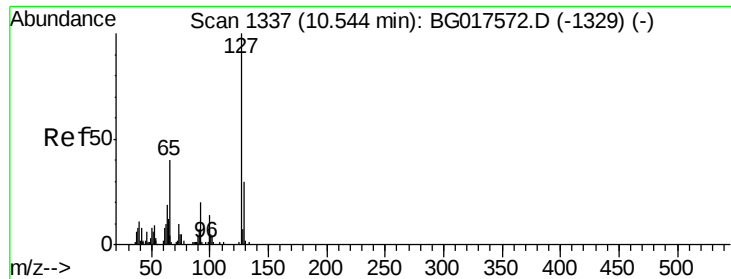
Tgt Ion:128 Resp: 176628
Ion Ratio Lower Upper
128 100
129 9.9 9.2 13.8
127 12.5 10.9 16.3



#32
Benzoic acid
Concen: 29.04 ng
RT: 9.71 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:122 Resp: 29609
Ion Ratio Lower Upper
122 100
105 126.2 113.5 153.5
77 99.1 85.2 125.2

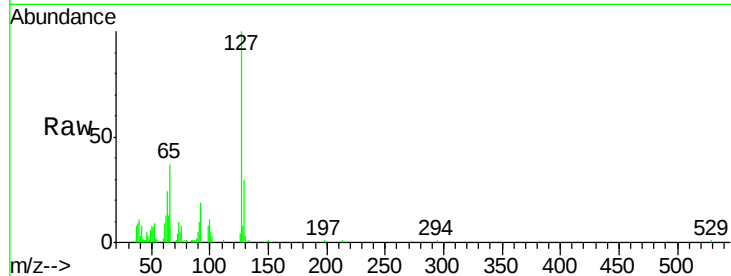




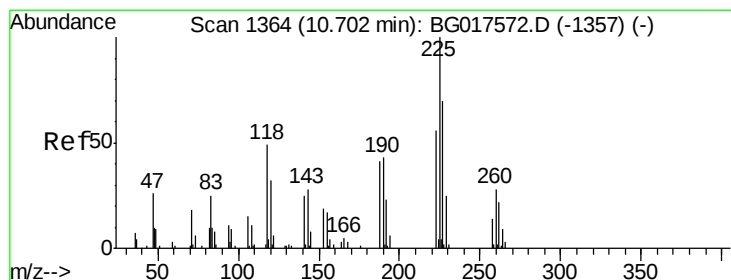
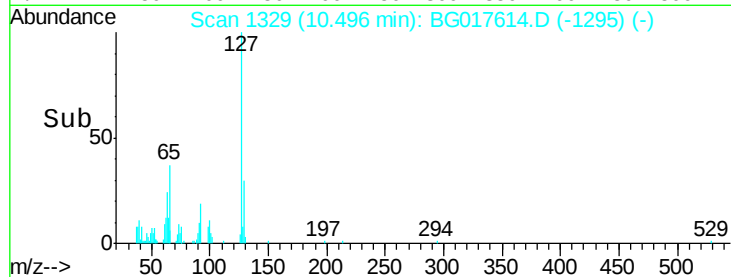
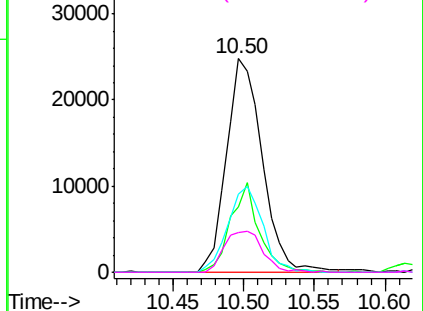
#33
4-Chloroaniline
Concen: 18.43 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Instrument :
BNA_G
ClientSampleId :
PB83925BS

Tgt Ion:	127	Resp:	43933
Ion Ratio		Lower	Upper
127	100		
129	30.3	27.1	40.7
65	36.5	27.6	41.4
92	18.8	16.7	25.1

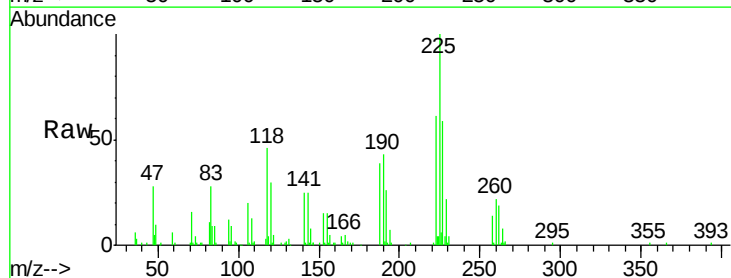


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

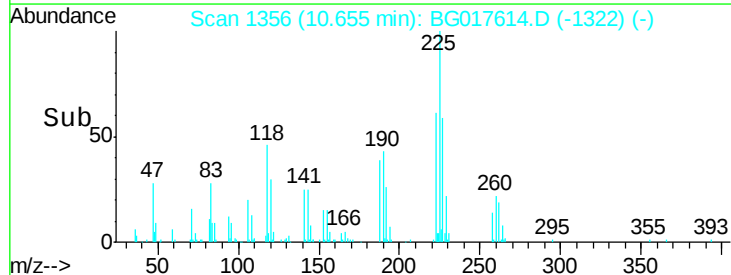
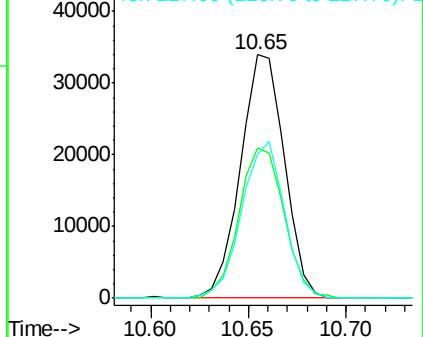


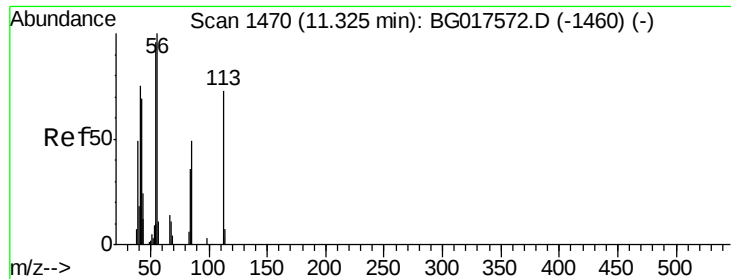
#34
Hexachlorobutadiene
Concen: 43.98 ng
RT: 10.65 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:	225	Resp:	52907
Ion Ratio		Lower	Upper
225	100		
223	65.3	52.2	78.2
227	59.1	52.6	78.8



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

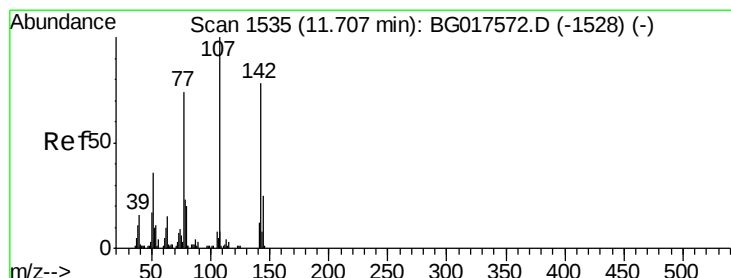
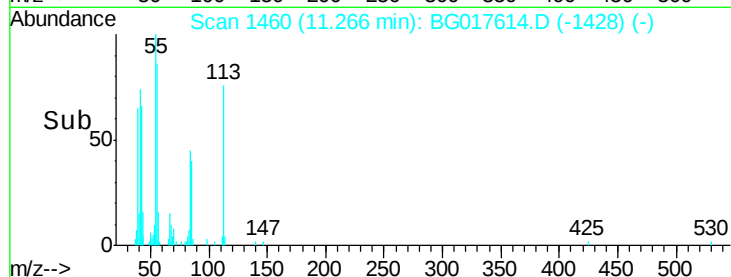
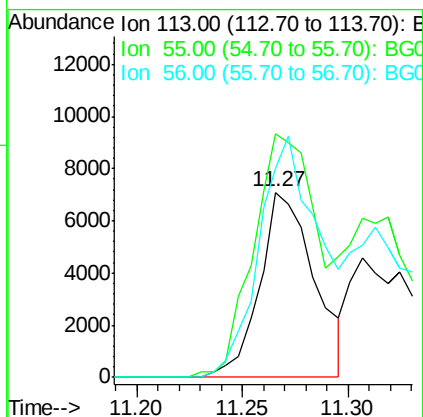
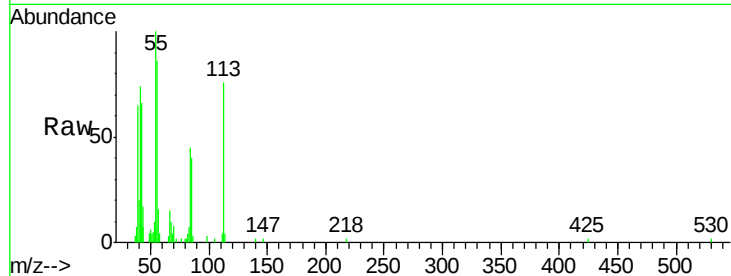




#35
 Caprolactam
 Concen: 14.70 ng
 RT: 11.27 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

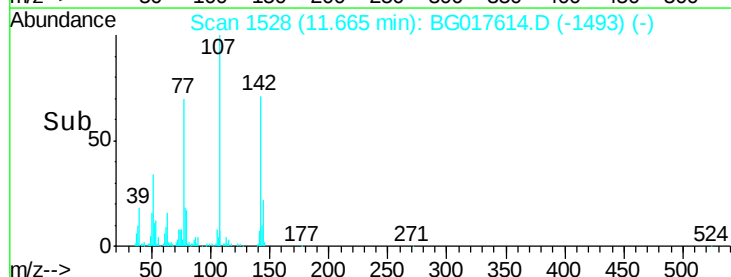
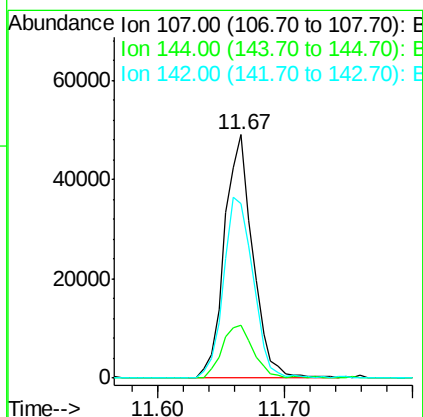
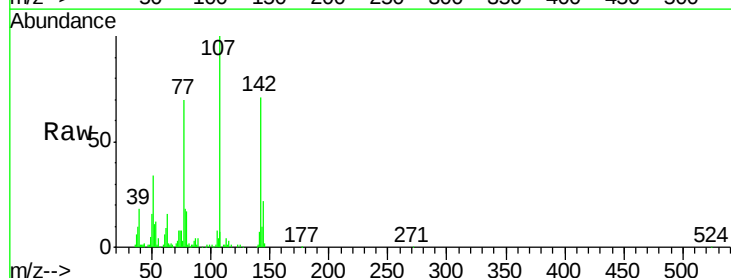
Instrument :
 BNA_G
 ClientSampleId :
 PB83925BS

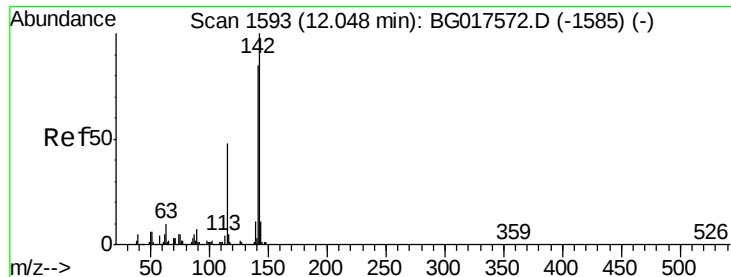
Tgt Ion:113 Resp: 12712
 Ion Ratio Lower Upper
 113 100
 55 131.7 121.6 161.6
 56 113.3 89.8 129.8



#36
 4-Chloro-3-methylphenol
 Concen: 37.07 ng
 RT: 11.67 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Tgt Ion:107 Resp: 75804
 Ion Ratio Lower Upper
 107 100
 144 21.7 19.8 29.8
 142 71.4 59.0 88.4

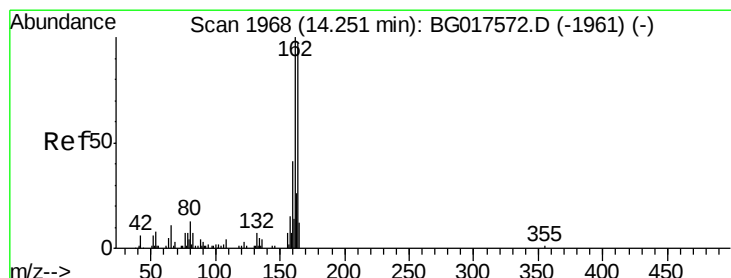
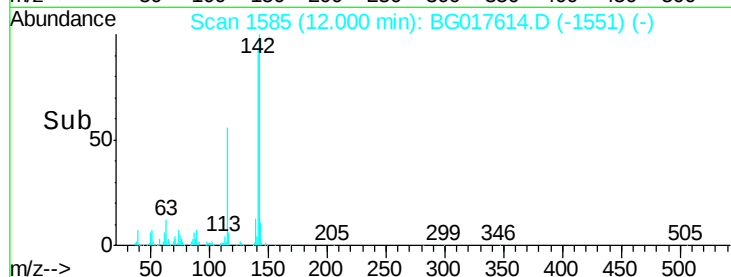
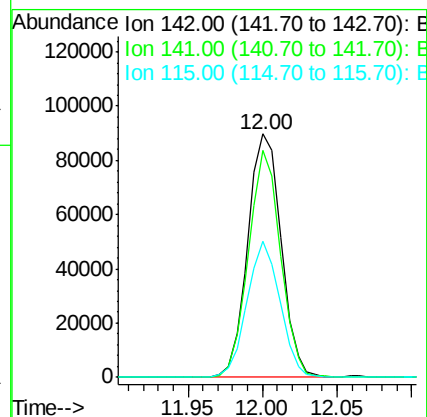
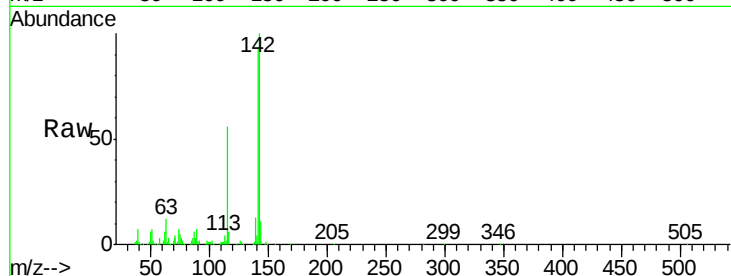




#37
2-Methylnaphthalene
Concen: 33.63 ng
RT: 12.00 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

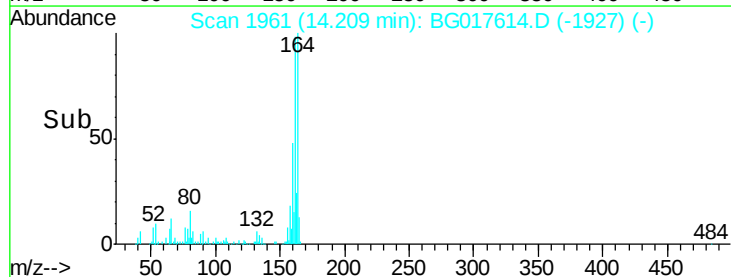
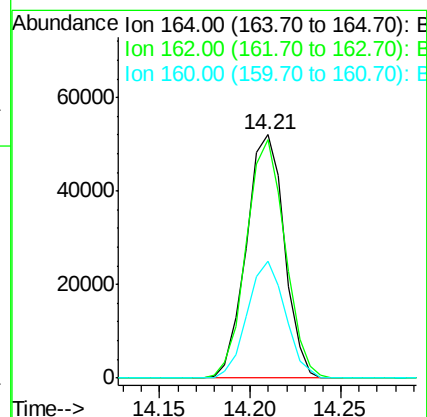
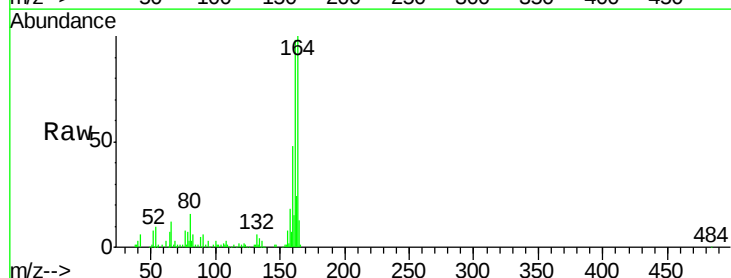
Instrument :
BNA_G
ClientSampleId :
PB83925BS

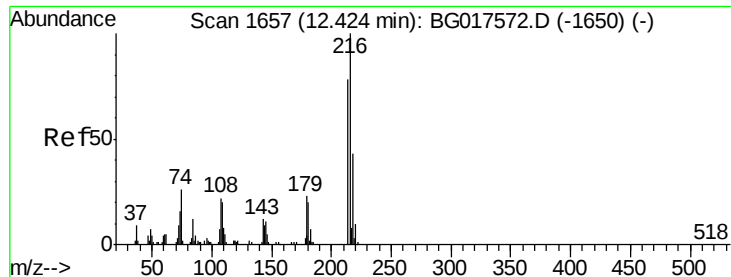
Tgt Ion:142 Resp: 138910
Ion Ratio Lower Upper
142 100
141 93.0 68.6 102.8
115 55.8 35.3 52.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:164 Resp: 75870
Ion Ratio Lower Upper
164 100
162 98.0 81.8 122.6
160 48.2 31.0 46.4#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.56 ng

RT: 12.38 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

Tgt Ion:216 Resp: 93631

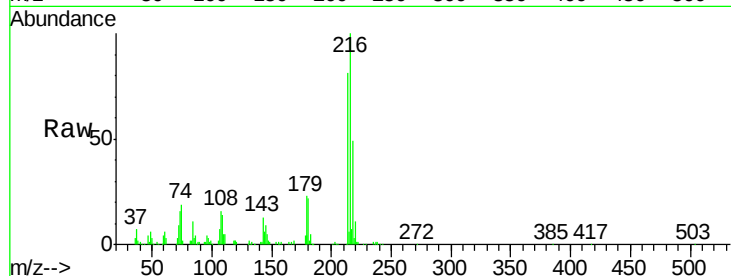
Ion Ratio Lower Upper

216 100

214 78.4 66.5 99.7

179 21.0 17.3 25.9

108 22.6 18.5 27.7

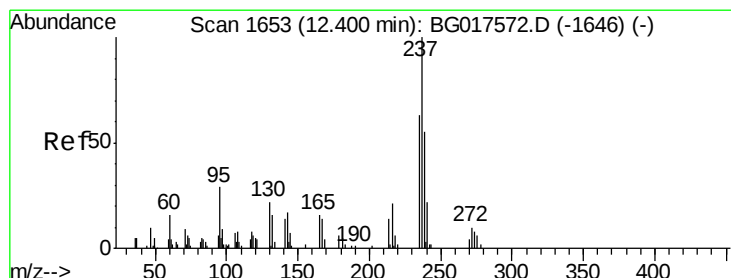
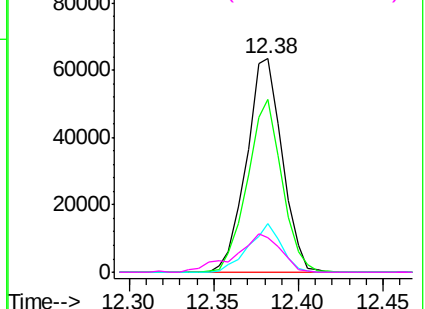
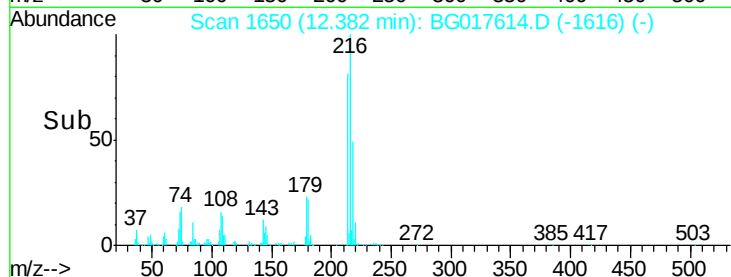


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.33 ng

RT: 12.35 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

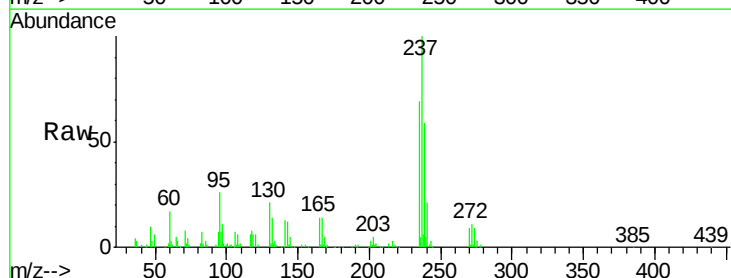
Tgt Ion:237 Resp: 79712

Ion Ratio Lower Upper

237 100

235 68.6 42.3 82.3

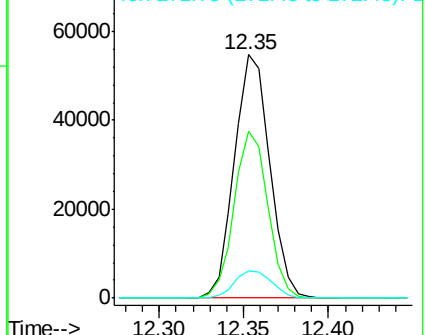
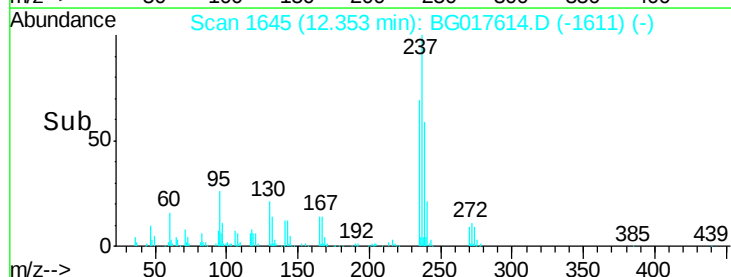
272 11.2 0.0 31.2

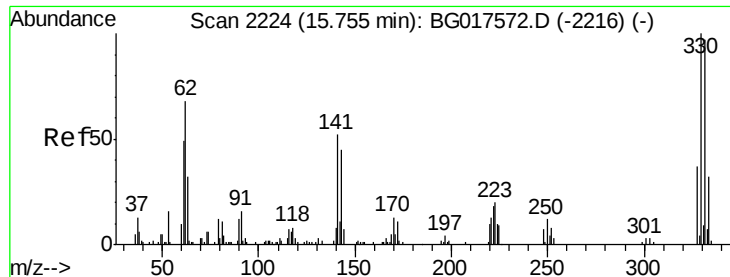


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

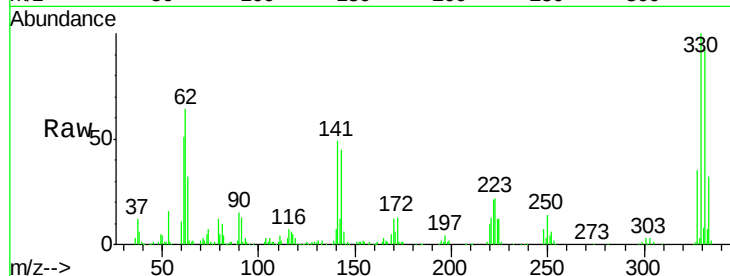




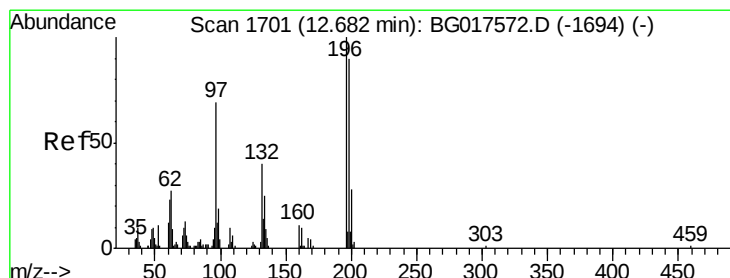
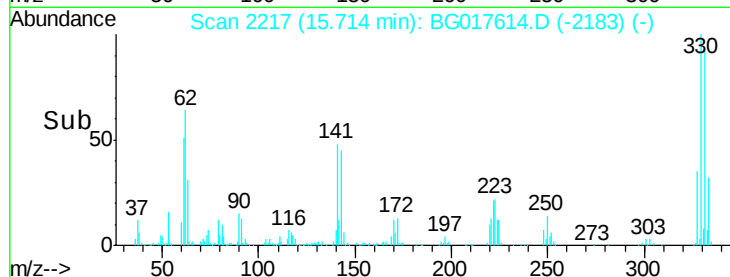
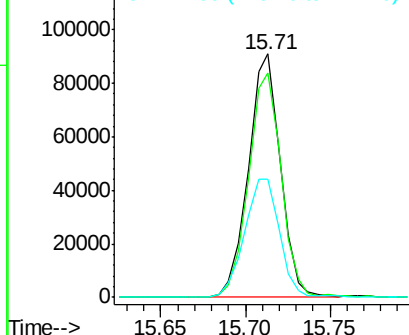
#41
 2,4,6-Tribromophenol
 Concen: 114.16 ng
 RT: 15.71 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Instrument :
 BNA_G
 ClientSampleId :
 PB83925BS

Tgt Ion:330 Resp: 120300
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.9 113.9
 141 53.3 40.2 60.4

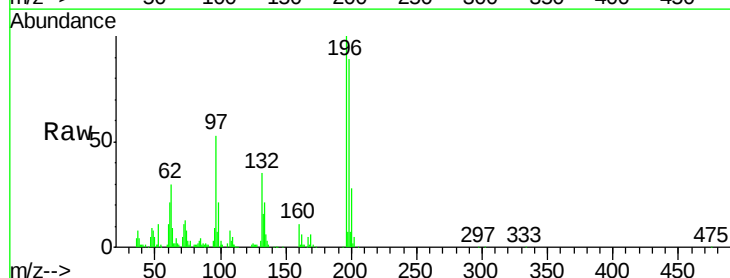


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

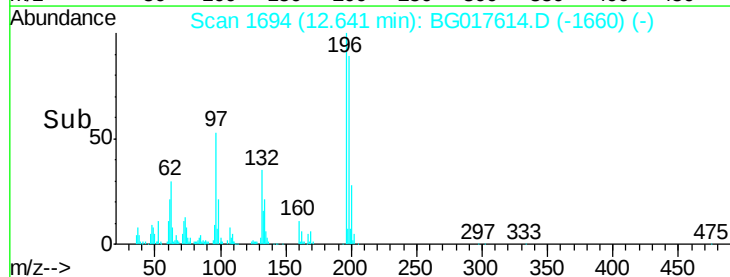
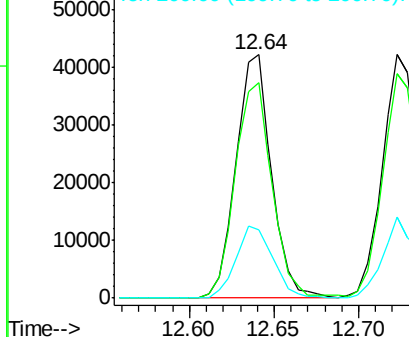


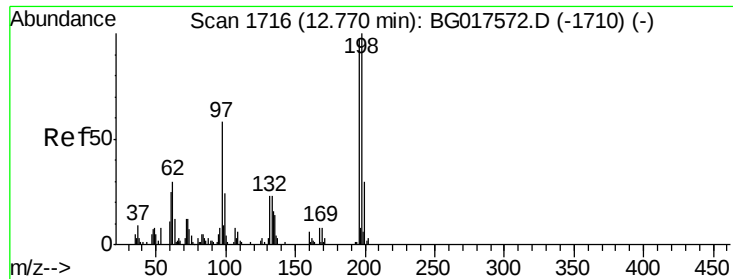
#42
 2,4,6-Trichlorophenol
 Concen: 37.20 ng
 RT: 12.64 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Tgt Ion:196 Resp: 61499
 Ion Ratio Lower Upper
 196 100
 198 88.8 69.9 104.9
 200 27.8 22.7 34.1



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

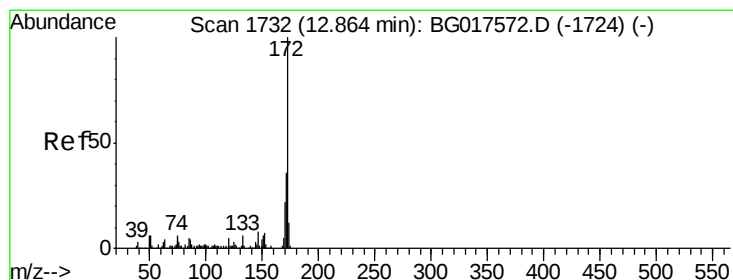
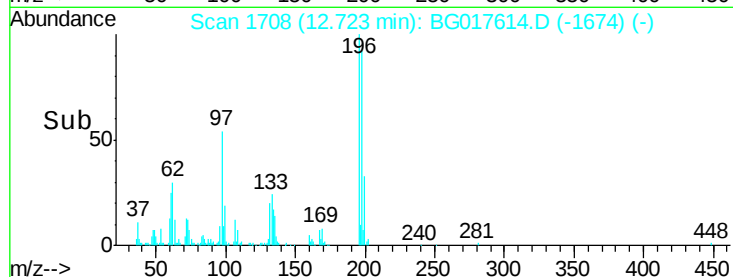
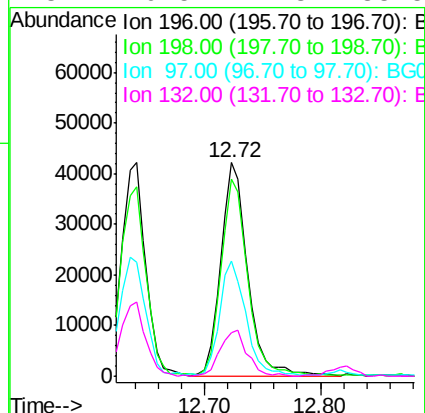
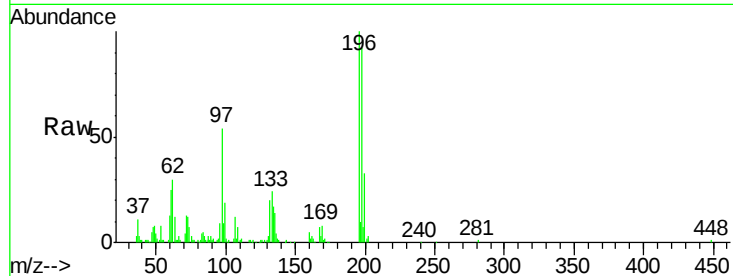




#43
 2,4,5-Trichlorophenol
 Concen: 37.56 ng
 RT: 12.72 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

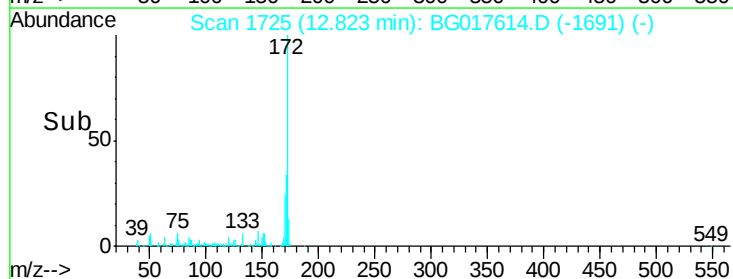
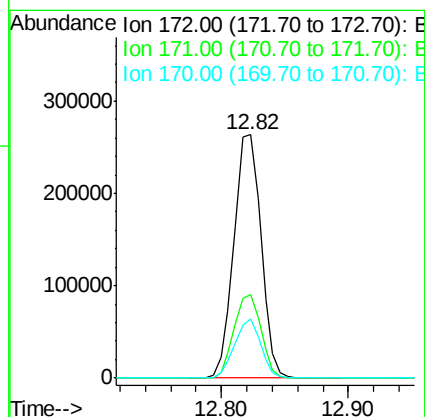
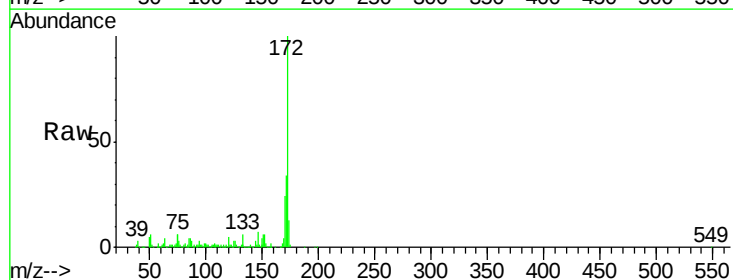
Instrument :
 BNA_G
 ClientSampleId :
 PB83925BS

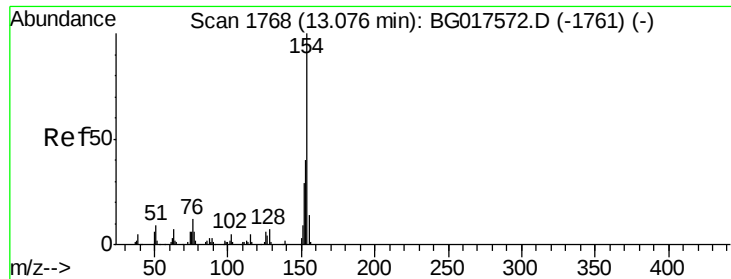
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	80.6	121.0
97	53.8	43.2	64.8
132	20.5	22.3	33.5



#44
 2-Fluorobiphenyl
 Concen: 77.33 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.6
170	24.4	18.9	28.3

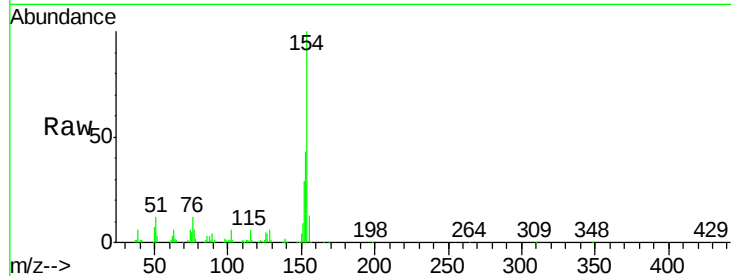




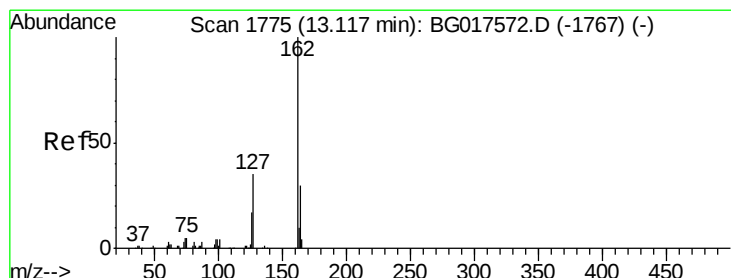
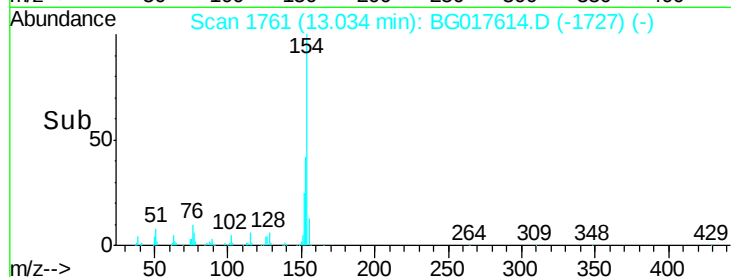
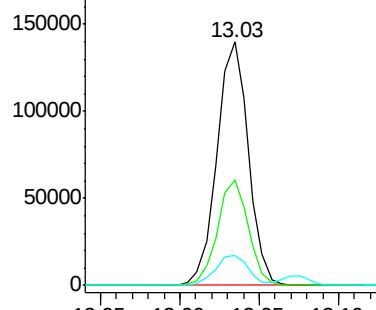
#45
 1,1'-Biphenyl
 Concen: 34.65 ng
 RT: 13.03 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Instrument :
 BNA_G
 ClientSampleId :
 PB83925BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	20.1	60.1
76	12.0	0.0	31.5

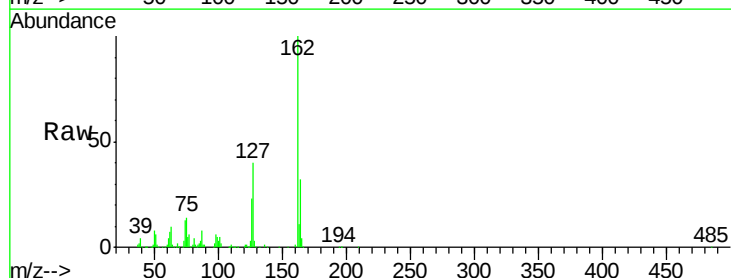


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

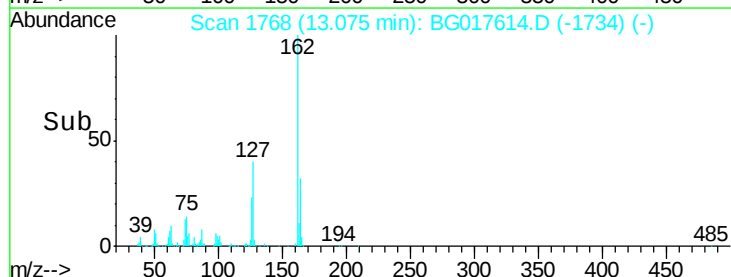
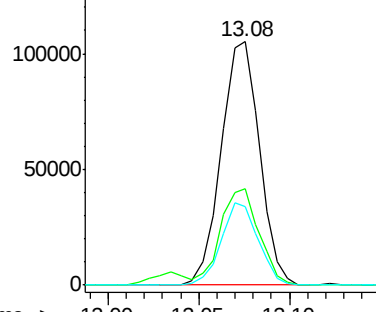


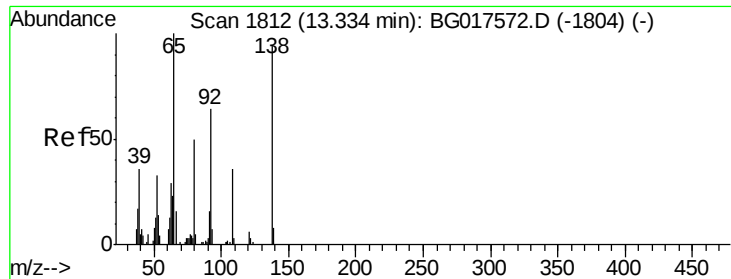
#46
 2-Chloronaphthalene
 Concen: 33.36 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG017614.D
 Acq: 11 Jun 2015 18:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	29.4	44.2
164	32.5	24.9	37.3



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

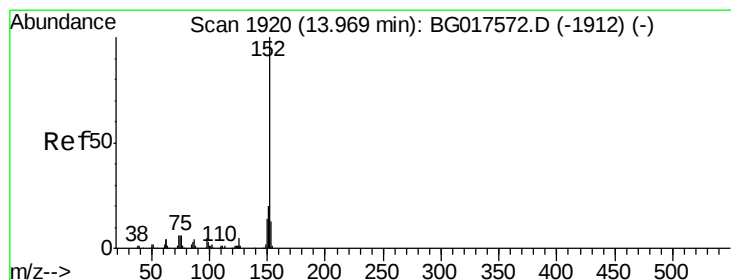
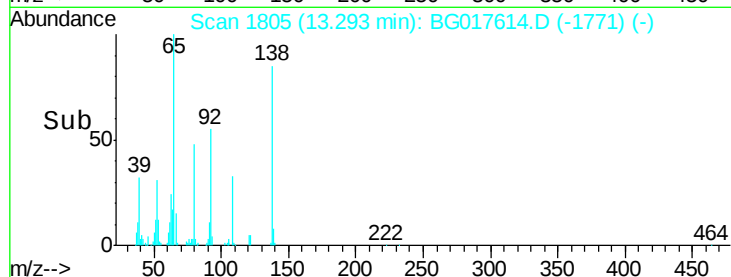
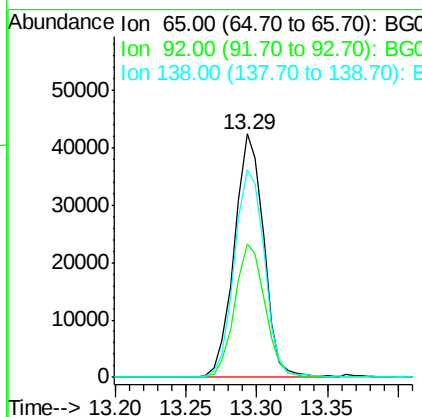
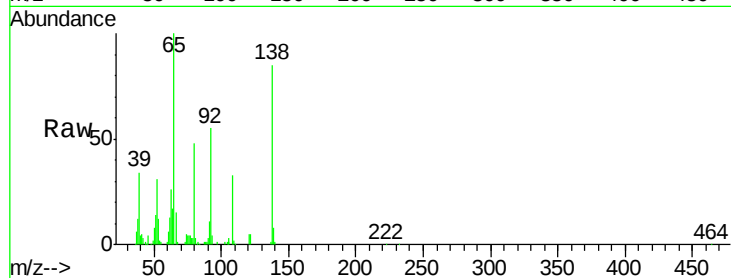




#47
2-Nitroaniline
Concen: 36.17 ng
RT: 13.29 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

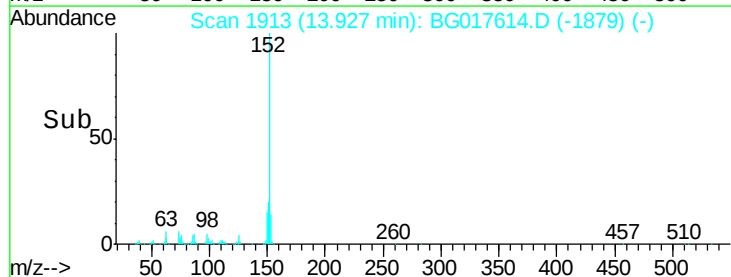
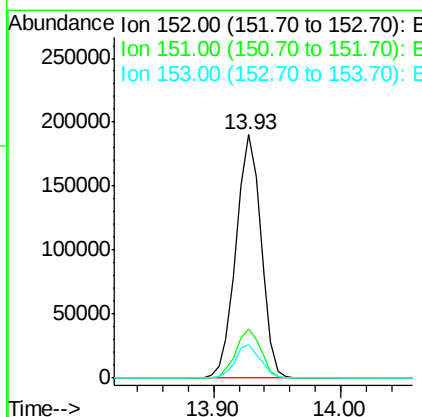
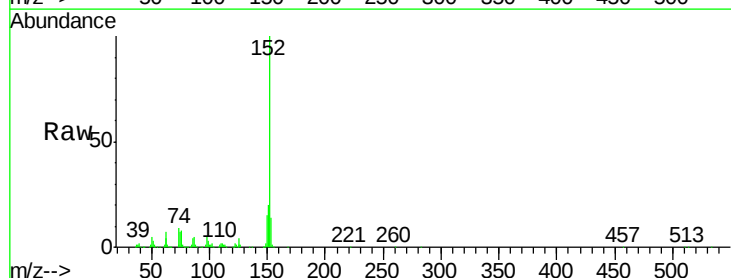
Instrument :
BNA_G
ClientSampled :
PB83925BS

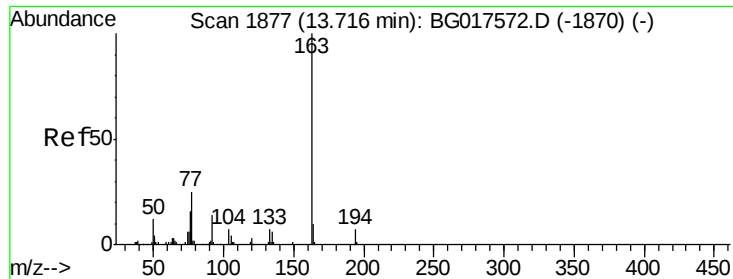
Tgt Ion: 65 Resp: 61925
Ion Ratio Lower Upper
65 100
92 55.0 49.1 73.7
138 85.3 75.4 113.0



#48
Acenaphthylene
Concen: 31.77 ng
RT: 13.93 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion: 152 Resp: 259451
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.7 10.7 16.1

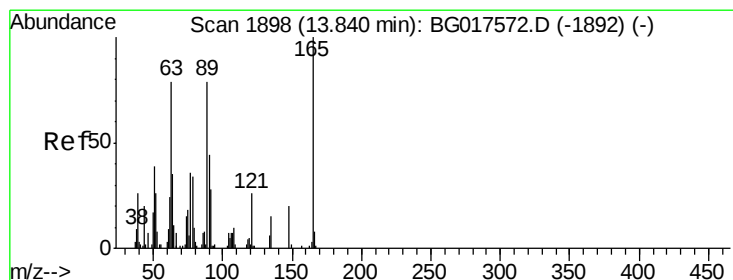
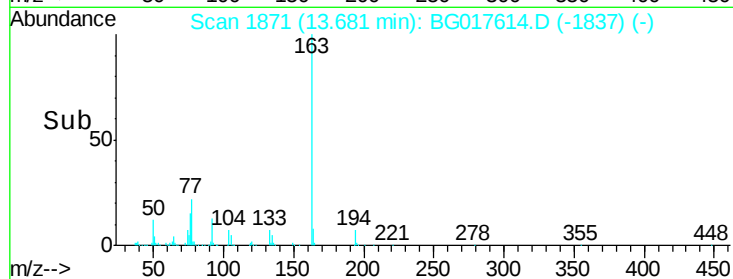
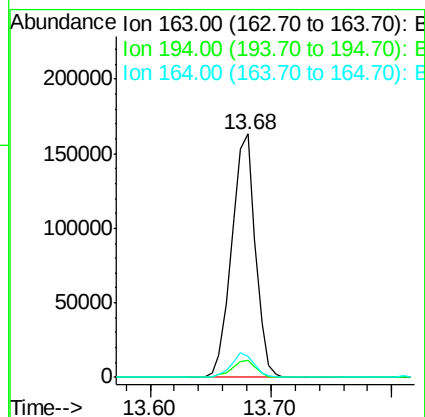
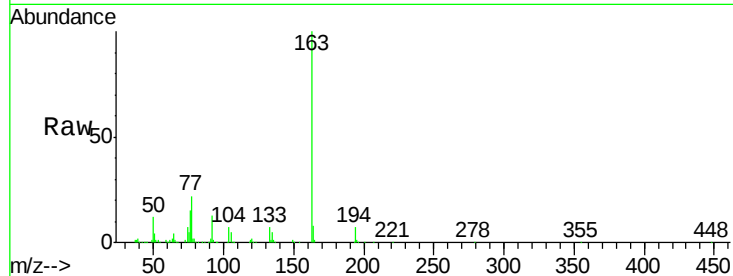




#49
Dimethylphthalate
Concen: 33.66 ng
RT: 13.68 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

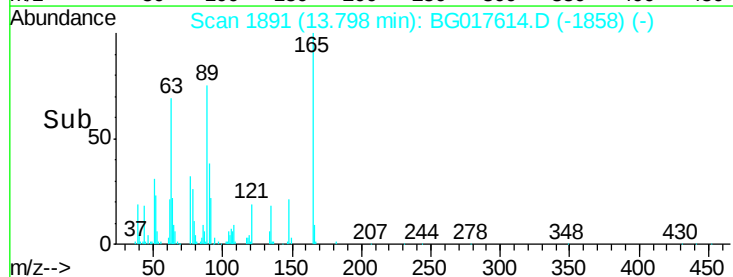
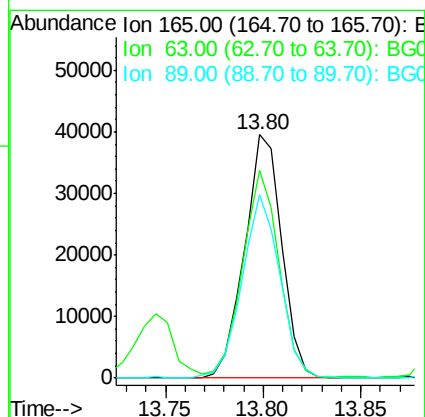
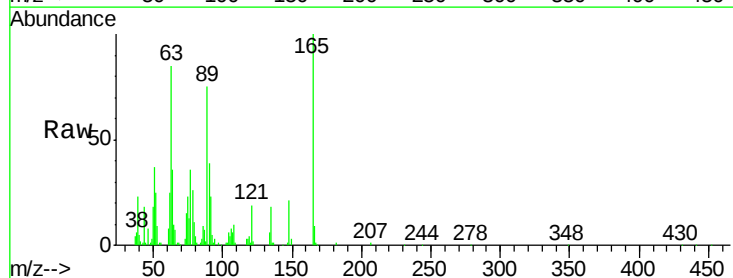
Instrument :
BNA_G
ClientSampleId :
PB83925BS

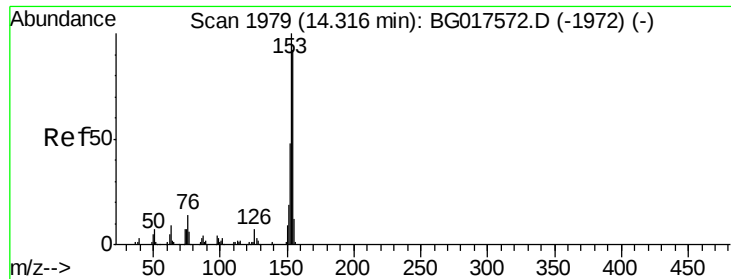
Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.1	4.9	7.3
164	8.3	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 35.09 ng
RT: 13.80 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	85.1	53.7	80.5#
89	75.3	55.4	83.2





#51

Acenaphthene

Concen: 31.28 ng

RT: 14.27 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

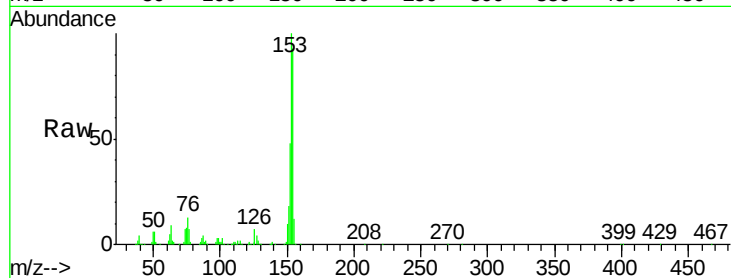
Tgt Ion:154 Resp: 150627

Ion Ratio Lower Upper

154 100

153 107.8 87.7 131.5

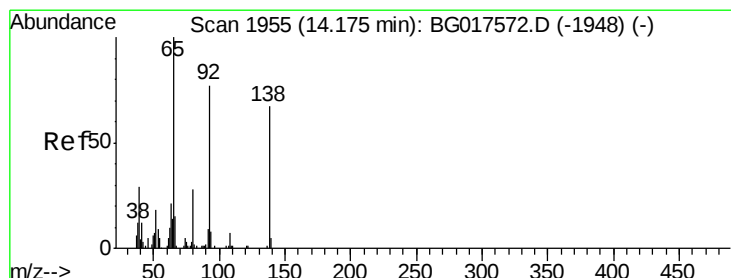
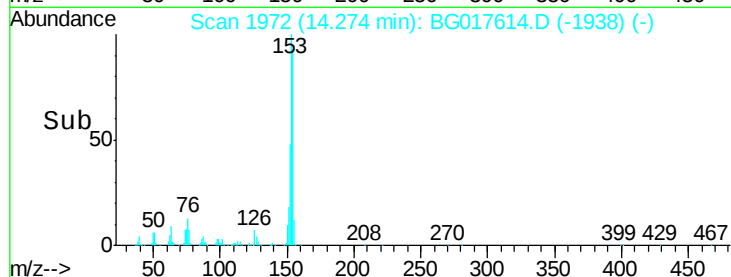
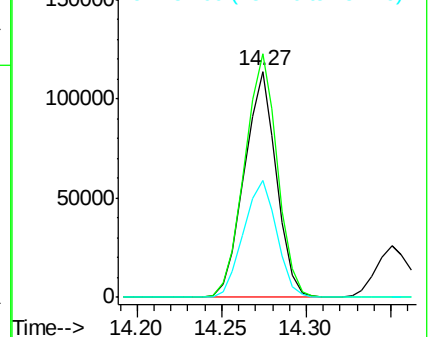
152 51.6 40.8 61.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.77 ng

RT: 14.13 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

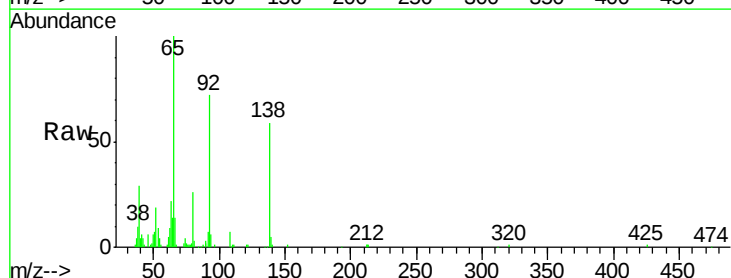
Tgt Ion:138 Resp: 31765

Ion Ratio Lower Upper

138 100

108 11.7 7.5 11.3#

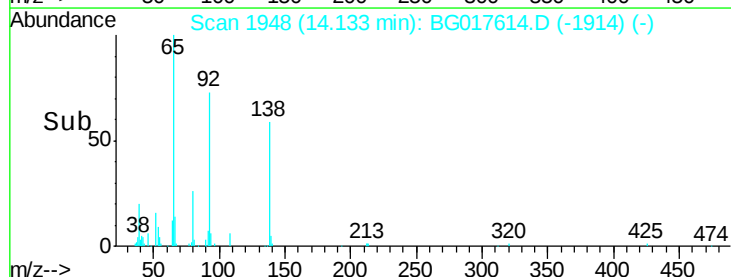
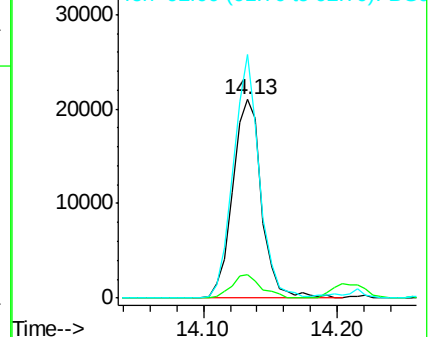
92 122.7 87.0 130.4

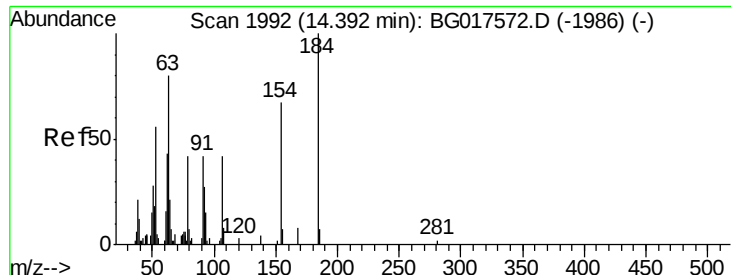


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 61.65 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

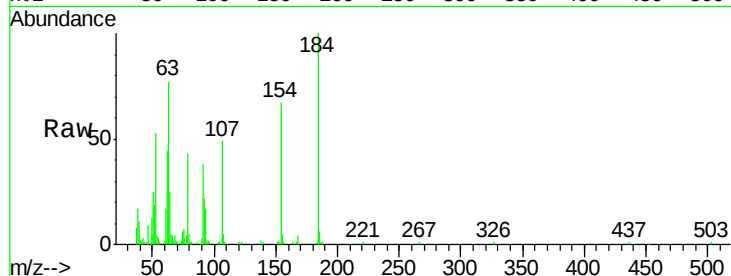
Tgt Ion:184 Resp: 55762

Ion Ratio Lower Upper

184 100

63 77.5 61.5 92.3

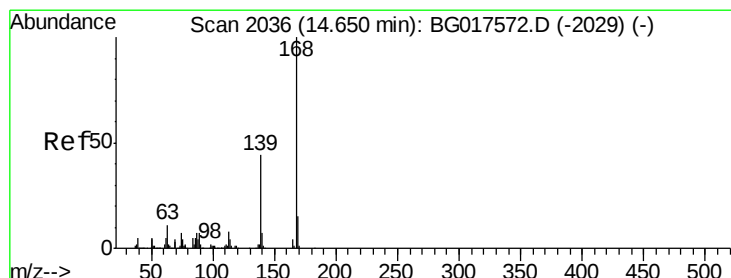
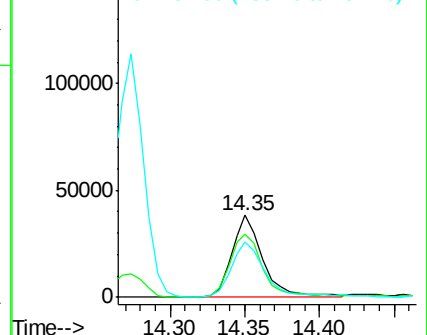
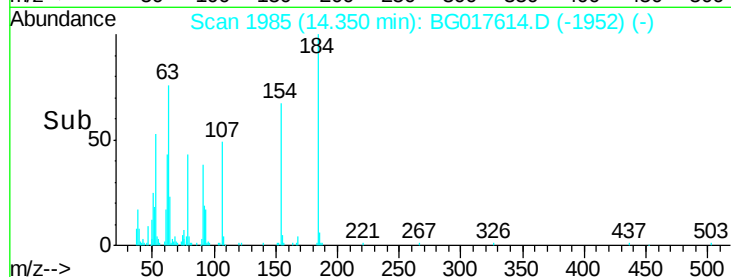
154 67.3 53.8 80.8



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: 36.46 ng

RT: 14.61 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

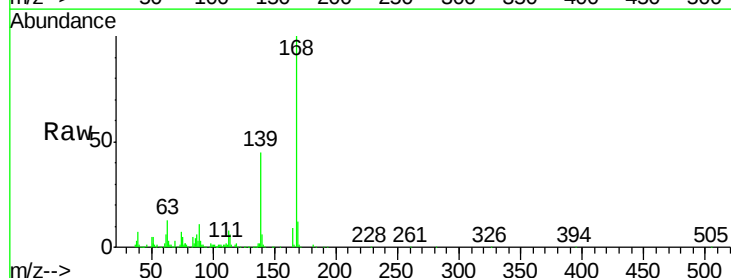
Tgt Ion:168 Resp: 258980

Ion Ratio Lower Upper

168 100

139 44.5 33.2 49.8

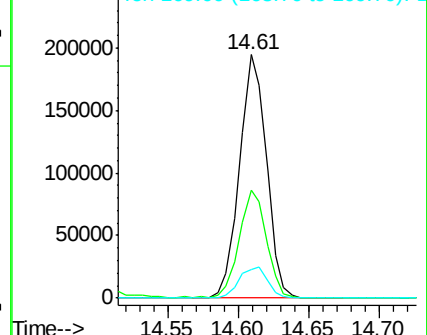
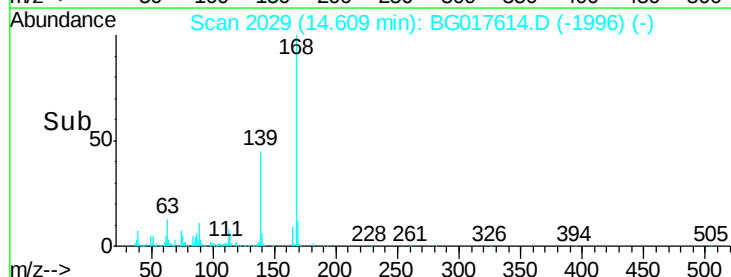
169 11.9 10.6 16.0

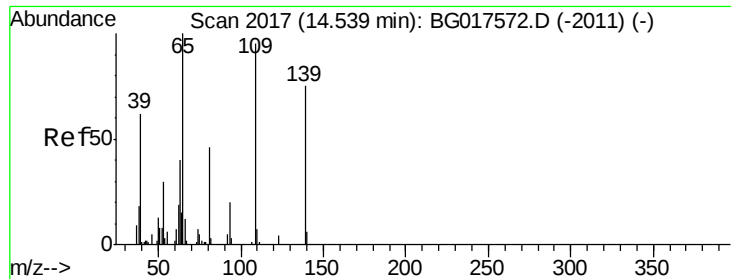


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

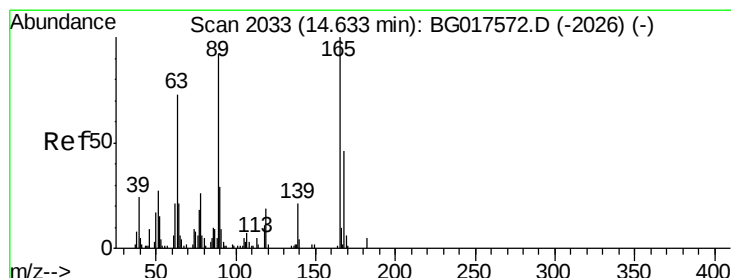
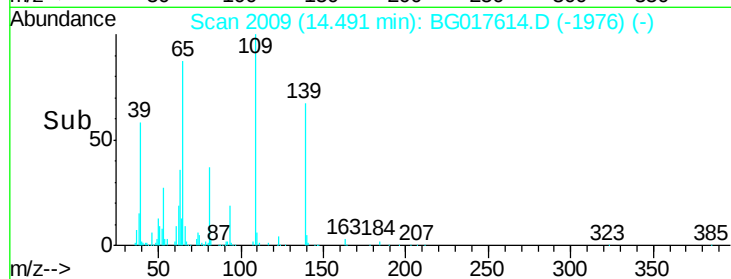
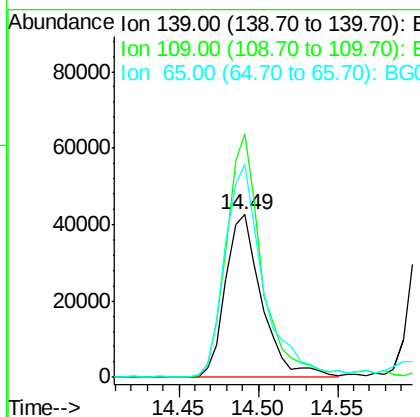
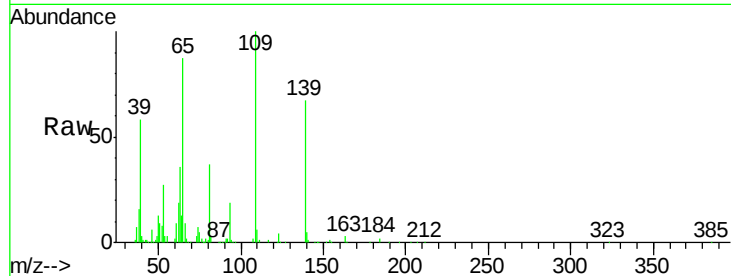




#55
4-Nitrophenol
Concen: 53.25 ng
RT: 14.49 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

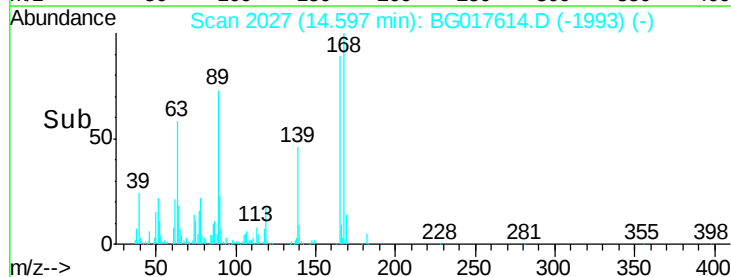
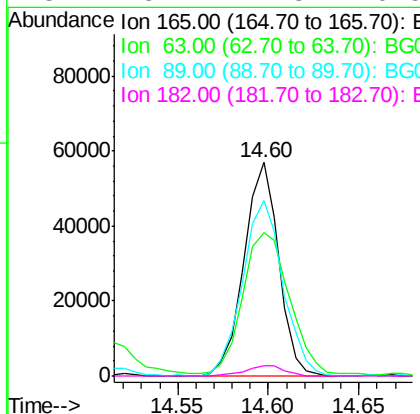
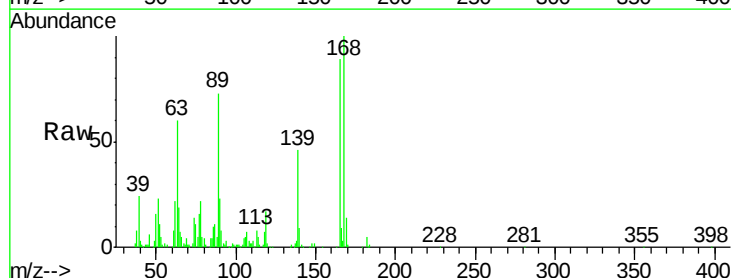
Instrument :
BNA_G
ClientSampleId :
PB83925BS

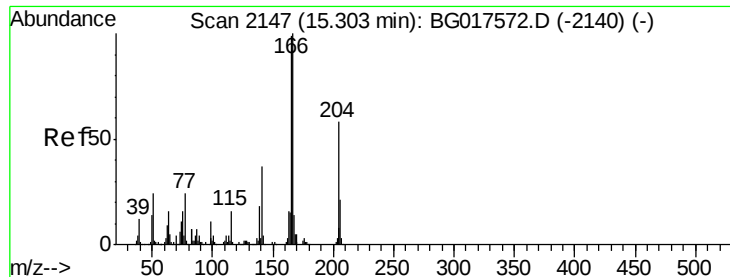
Tgt Ion:139 Resp: 67936
Ion Ratio Lower Upper
139 100
109 149.7 89.5 129.5#
65 130.9 95.9 135.9



#56
2,4-Dinitrotoluene
Concen: 35.76 ng
RT: 14.60 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:165 Resp: 75584
Ion Ratio Lower Upper
165 100
63 66.9 42.9 64.3#
89 82.3 61.5 92.3
182 5.1 4.3 6.5





#57

Fluorene

Concen: 35.85 ng

RT: 15.26 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

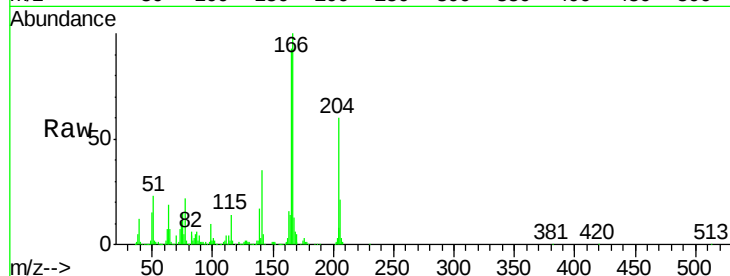
Tgt Ion:166 Resp: 230884

Ion Ratio Lower Upper

166 100

165 93.2 76.8 115.2

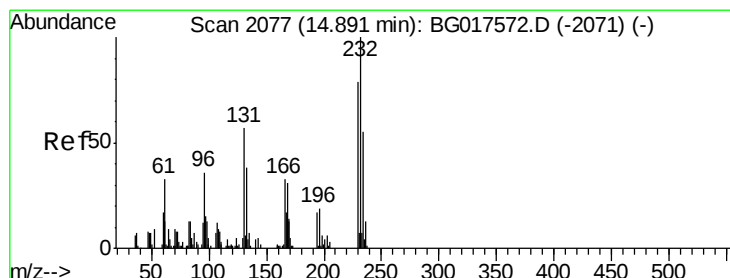
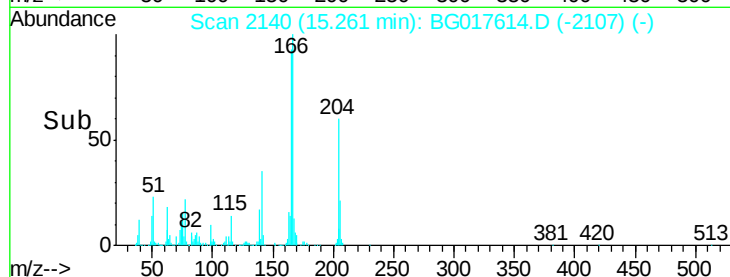
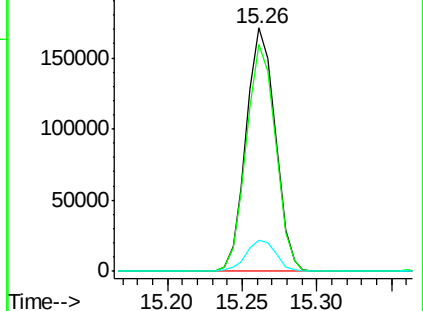
167 12.6 9.9 14.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.56 ng

RT: 14.86 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Tgt Ion:232 Resp: 66995

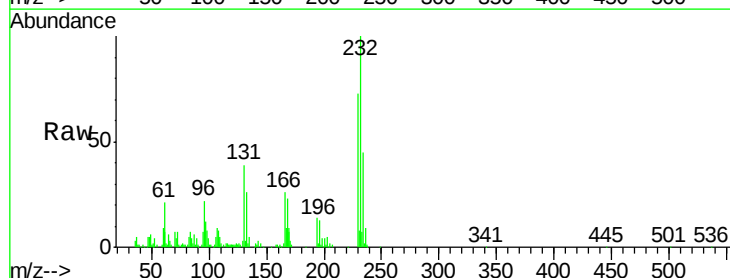
Ion Ratio Lower Upper

232 100

131 44.5 40.1 60.1

130 3.1 2.6 4.0

166 28.0 24.4 36.6

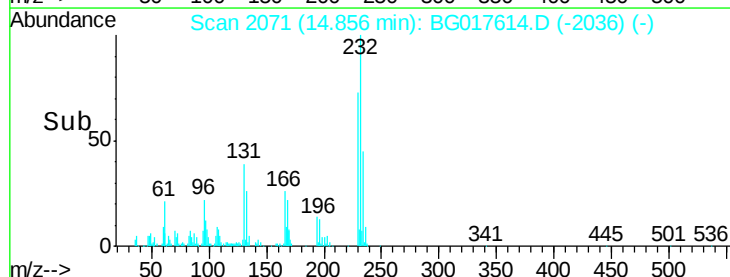
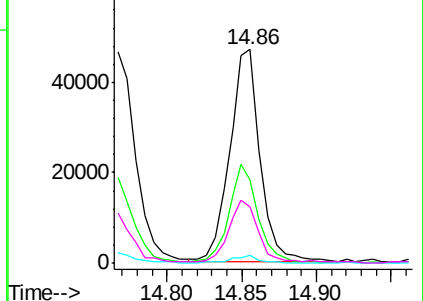


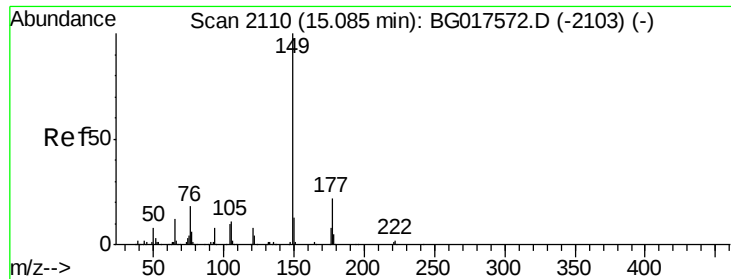
Abundance Ion 232.00 (231.70 to 232.70): E

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

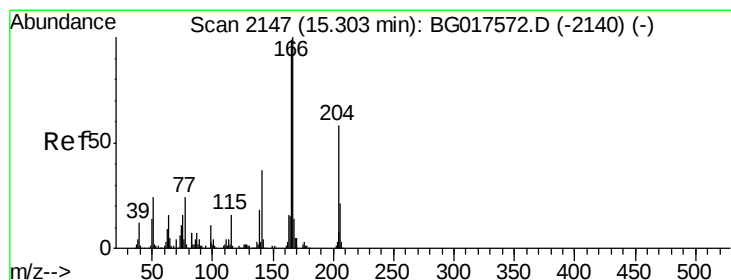
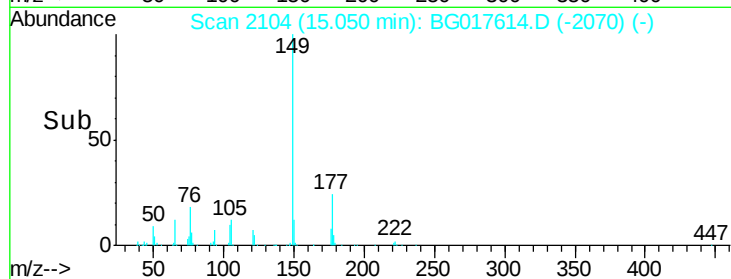
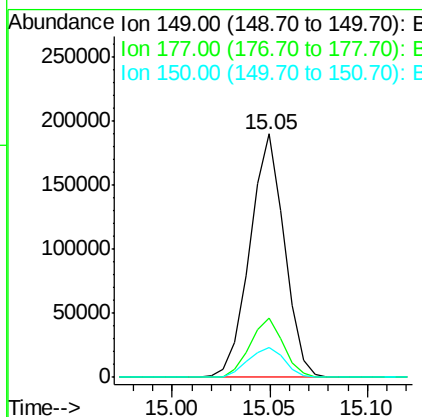
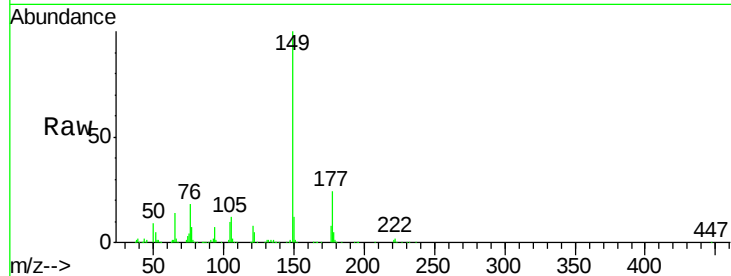




#59
Diethylphthalate
Concen: 32.31 ng
RT: 15.05 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

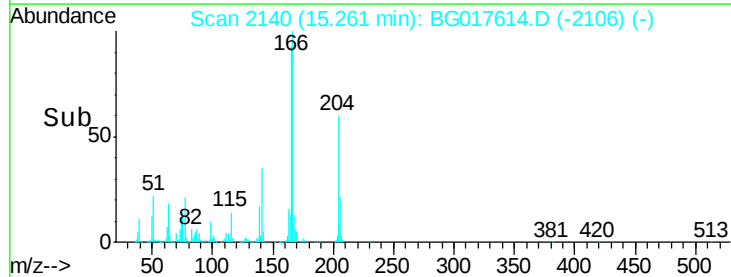
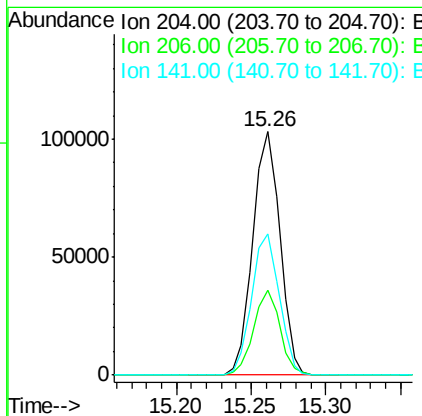
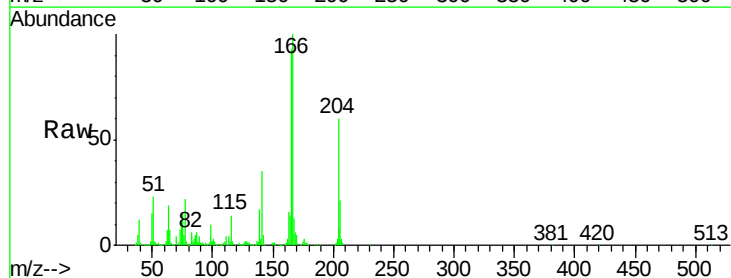
Instrument :
BNA_G
ClientSampleId :
PB83925BS

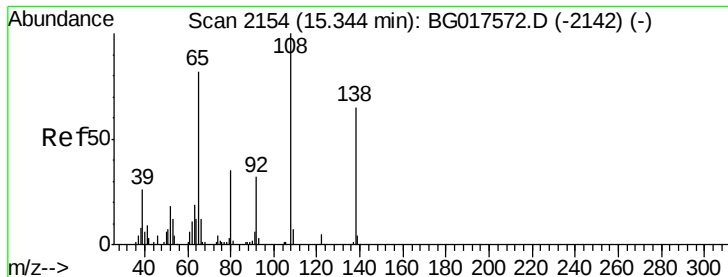
Tgt Ion:149 Resp: 231641
Ion Ratio Lower Upper
149 100
177 24.4 18.3 27.5
150 12.3 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 39.55 ng
RT: 15.26 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion:204 Resp: 129096
Ion Ratio Lower Upper
204 100
206 35.0 25.0 37.4
141 58.1 50.9 76.3

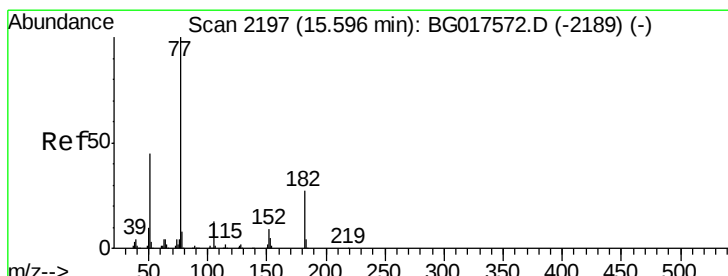
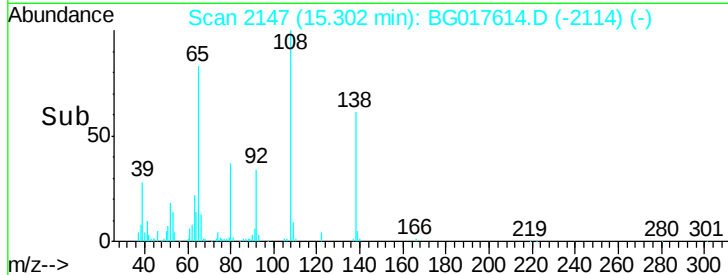
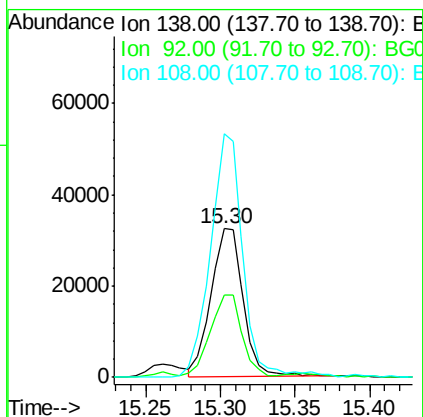
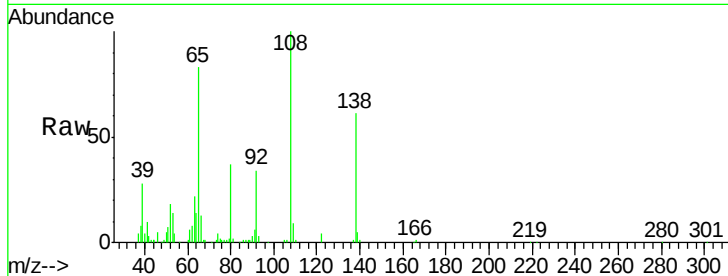




#61
4-Nitroaniline
Concen: 27.59 ng
RT: 15.30 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

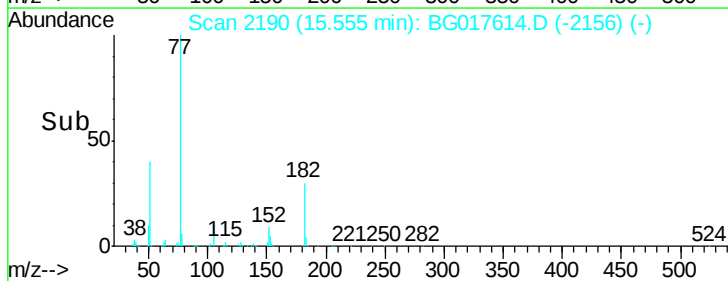
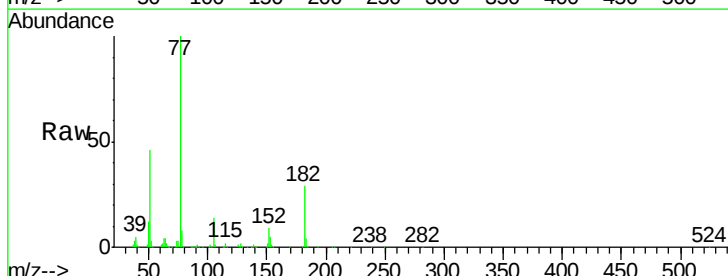
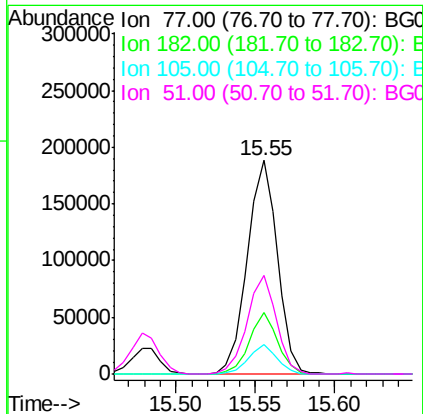
Instrument :
BNA_G
ClientSampleId :
PB83925BS

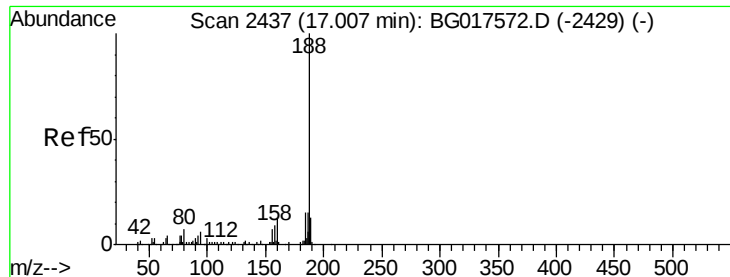
Tgt Ion: 138 Resp: 48813
Ion Ratio Lower Upper
138 100
92 55.2 33.7 73.7
108 163.7 98.7 138.7#



#62
Azobenzene
Concen: 36.39 ng
RT: 15.55 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG017614.D
Acq: 11 Jun 2015 18:07

Tgt Ion: 77 Resp: 247960
Ion Ratio Lower Upper
77 100
182 28.8 8.0 48.0
105 13.6 0.0 36.9
51 45.9 18.1 58.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

Instrument :

BNA_G

ClientSampleId :

PB83925BS

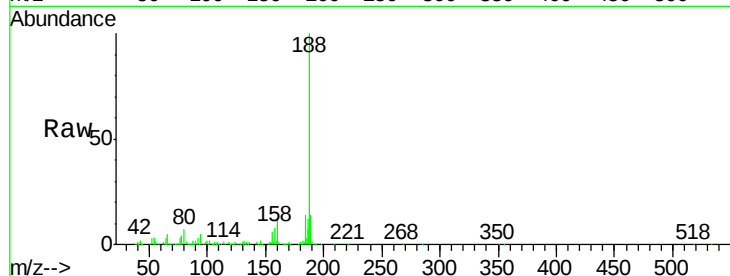
Tgt Ion:188 Resp: 207524

Ion Ratio Lower Upper

188 100

94 4.9 6.3 9.5#

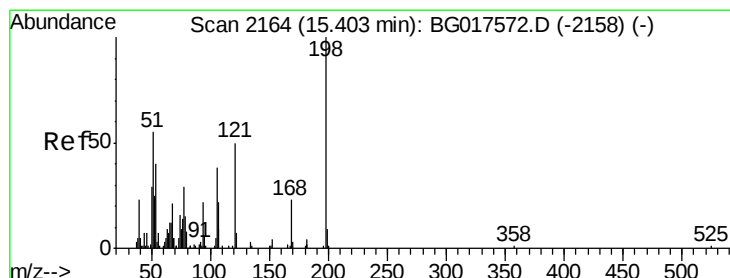
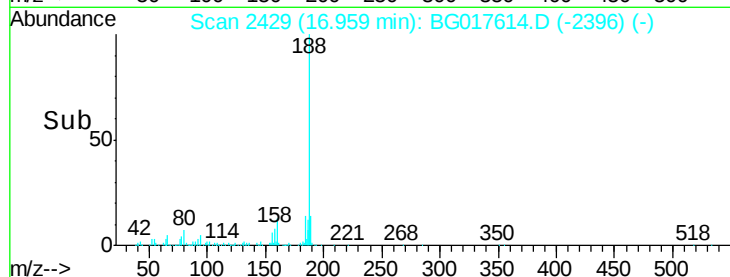
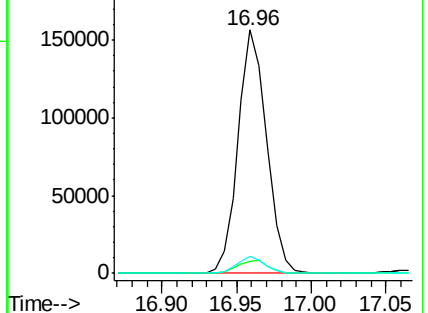
80 7.2 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 31.40 ng

RT: 15.37 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG017614.D

Acq: 11 Jun 2015 18:07

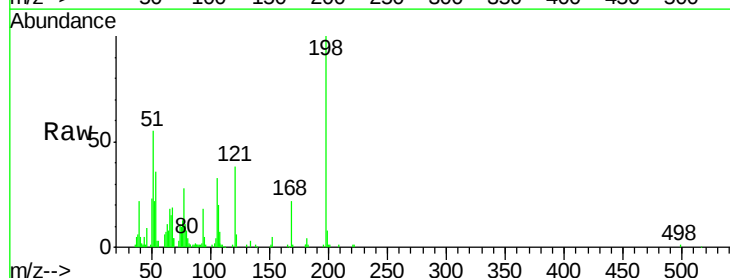
Tgt Ion:198 Resp: 48306

Ion Ratio Lower Upper

198 100

51 54.5 30.3 70.3

105 33.5 20.8 60.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

