

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011317\
 Data File : BG025519.D
 Acq On : 13 Jan 2017 20:18
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02002

Quant Time: Jan 16 00:17:10 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jan 15 23:58:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	62095	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	263160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	213558	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	503077	20.00	ng/ul	0.00
77) Chrysene-d12	21.86	240	725763	20.00	ng/ul	0.00
85) Perylene-d12	25.25	264	753353	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8931	7.80	ng/uL	0.00
5) Phenol-d5	7.36	99	98380	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	66817	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	69762	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	81165	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	35732	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	43140	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	81330	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	98993	21.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	290849	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	327922	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	35990	17.63	ng/ul	0.00
57) Fluorene-d10	15.81	176	268196	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	61430	19.20	ng/ul	0.00
70) Anthracene-d10	17.67	188	436662	20.46	ng/ul	0.00
78) Pyrene-d10	19.95	212	576668	20.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.02	264	642885	20.64	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	11201	7.83	ng/uL#	66
4) Benzaldehyde	7.34	77	82672	24.44	ng/ul#	78
6) Phenol	7.39	94	102471	20.14	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.61	93	78027	20.52	ng/ul#	79
10) 2-Chlorophenol	7.76	128	71875	19.78	ng/ul#	80
11) 2-Methylphenol	8.65	108	72097	19.27	ng/ul	81
12) 2,2'-oxybis(1-Chloropropan	8.72	45	148638	21.49	ng/ul#	87
14) Acetophenone	9.04	105	129454	20.71	ng/ul#	64
15) N-Nitroso-di-n-propylamine	9.00	70	75082	19.80	ng/ul#	67
16) 4-Methylphenol	8.98	108	78416	18.98	ng/ul	94
17) Hexachloroethane	9.28	117	37566	21.86	ng/ul	84
20) Nitrobenzene	9.43	77	116340	19.89	ng/ul#	72
21) Isophorone	9.94	82	206247	19.76	ng/ul#	91
23) 2-Nitrophenol	10.14	139	44524	19.19	ng/ul#	53
24) 2,4-Dimethylphenol	10.19	107	108093	20.85	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.41	93	112852	20.72	ng/ul#	96
27) 2,4-Dichlorophenol	10.69	162	82880	20.27	ng/ul#	91
28) Naphthalene	11.08	128	242818	20.22	ng/ul	96
30) 4-Chloroaniline	11.19	127	103401	22.30	ng/ul	97
31) Hexachlorobutadiene	11.33	225	78444	19.72	ng/ul	99
32) Caprolactam	11.96	113	27704	17.75	ng/ul#	40
33) 4-Chloro-3-methylphenol	12.31	107	98200	20.85	ng/ul#	84
34) 2-Methylnaphthalene	12.67	142	192204	20.63	ng/ul	99

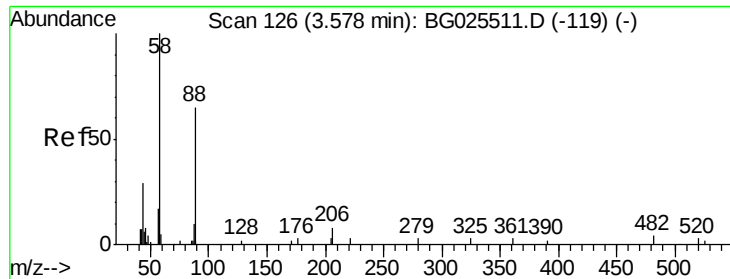
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	132711	18.73	ng/ul	95
37) Hexachlorocyclopentadiene	12.98	237	52103	18.65	ng/ul	89
38) 2,4,6-Trichlorophenol	13.28	196	74666	19.09	ng/ul	86
39) 2,4,5-Trichlorophenol	13.37	196	84625	20.00	ng/ul	95
40) 1,1'-Biphenyl	13.65	154	263935	19.75	ng/ul	96
41) 2-Chloronaphthalene	13.71	162	210071	19.72	ng/ul	95
42) 2-Nitroaniline	13.93	65	81980	19.95	ng/ul#	67
44) Dimethylphthalate	14.27	163	295082	20.70	ng/ul	99
45) 2,6-Dinitrotoluene	14.41	165	61180	20.62	ng/ul#	74
47) Acenaphthylene	14.55	152	316449	20.31	ng/ul	100
48) 3-Nitroaniline	14.76	138	56158	22.19	ng/ul#	98
49) Acenaphthene	14.89	153	214879	19.55	ng/ul	97
52) 4-Nitrophenol	15.08	109	47170	17.41	ng/ul#	73
53) Dibenzofuran	15.22	168	341363	20.09	ng/ul	96
54) 2,4-Dinitrotoluene	15.21	165	91133	20.58	ng/ul#	39
55) 2,3,4,6-Tetrachlorophenol	15.45	232	81595	18.65	ng/ul#	90
56) Diethylphthalate	15.61	149	307937	20.60	ng/ul	97
58) Fluorene	15.87	166	274247	19.94	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.85	204	154538	19.60	ng/ul	94
60) 4-Nitroaniline	15.92	138	53992	21.41	ng/ul#	39
63) 4,6-Dinitro-2-methylphenol	15.97	198	64050	19.63	ng/ul#	80
64) N-Nitrosodiphenylamine	16.07	169	257671	19.98	ng/ul	98
65) 4-Bromophenyl-phenylether	16.74	248	110193	18.79	ng/ul	95
66) Hexachlorobenzene	16.87	284	135297	19.84	ng/ul#	85
67) Atrazine	17.00	200	120652	19.81	ng/ul#	89
68) Pentachlorophenol	17.23	266	46071	15.48	ng/ul	94
69) Phenanthrene	17.61	178	495309	20.30	ng/ul	98
71) Anthracene	17.70	178	499115	20.26	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	132760	18.88	ng/uL	96
73) Pentachlorobenzene	15.14	250	138487	18.90	ng/uL	95
74) Carbazole	17.98	167	439294	21.39	ng/ul	97
75) Di-n-butylphthalate	18.49	149	551091	20.72	ng/ul#	96
76) Fluoranthene	19.61	202	654625	21.51	ng/ul#	90
79) Pyrene	19.98	202	676985	20.58	ng/ul#	87
80) Butylbenzylphthalate	20.82	149	282366	21.07	ng/ul#	93
81) 3,3'-Dichlorobenzidine	21.74	252	286252	21.11	ng/ul#	92
82) Benzo(a)anthracene	21.84	228	756733	20.16	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.68	149	392301	20.32	ng/ul#	97
84) Chrysene	21.91	228	717189	20.18	ng/ul	98
86) Di-n-octyl phthalate	22.93	149	677492	21.63	ng/ul#	88
87) Benzo(b)fluoranthene	24.17	252	774820	20.71	ng/ul#	94
88) Benzo(k)fluoranthene	24.24	252	736068	20.45	ng/ul#	93
90) Benzo(a)pyrene	25.09	252	748984	20.69	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	29.17	276	921079	20.13	ng/ul#	81
92) Dibenzo(a,h)anthracene	29.21	278	778270	20.26	ng/ul#	91
93) Benzo(g,h,i)perylene	30.39	276	359399	9.46	ng/ul#	83

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



#2

1,4-Dioxane

Concen: 7.83 ng/uL

RT: 3.58 min Scan# 127

Delta R.T. 0.01 min

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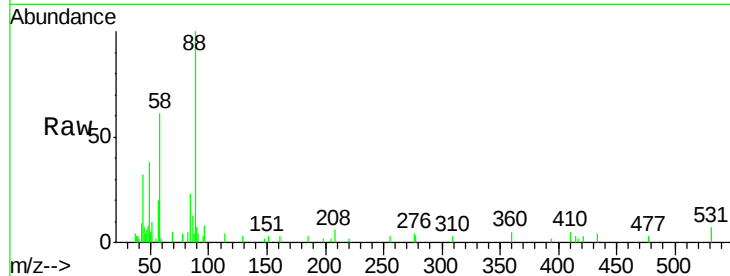
Tgt Ion: 88 Resp: 11201

Ion Ratio Lower Upper

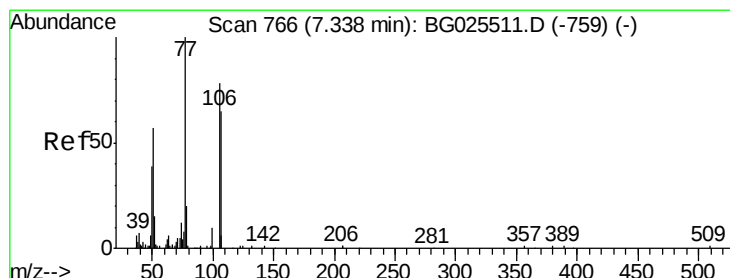
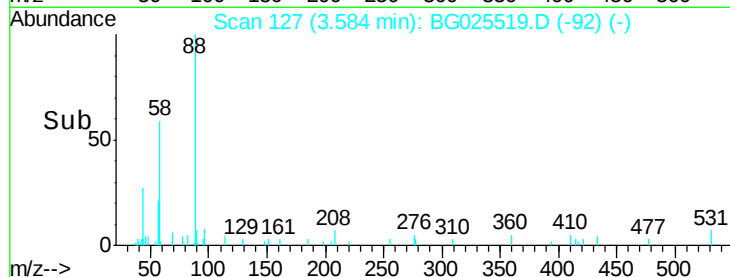
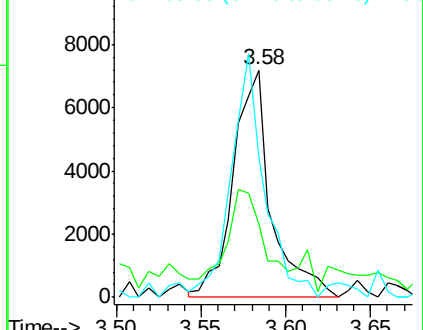
88 100

43 34.5 21.0 31.6#

58 91.7 47.8 71.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 24.44 ng/uL

RT: 7.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

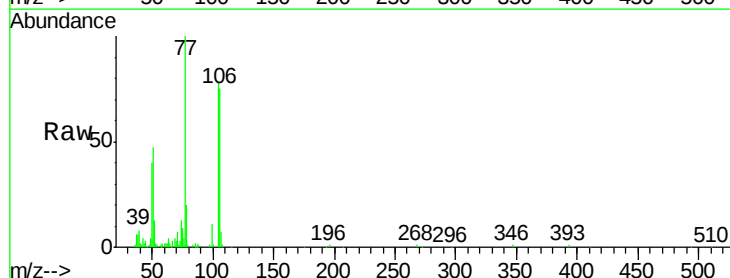
Tgt Ion: 77 Resp: 82672

Ion Ratio Lower Upper

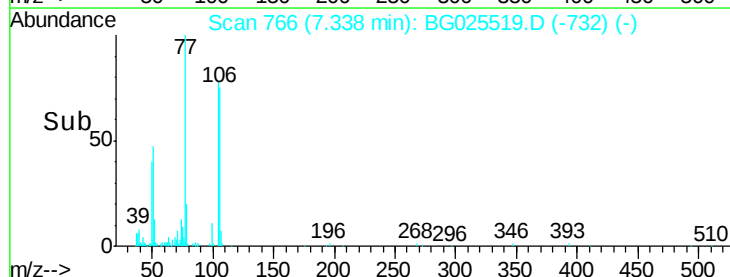
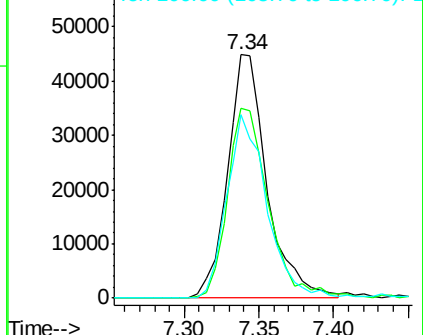
77 100

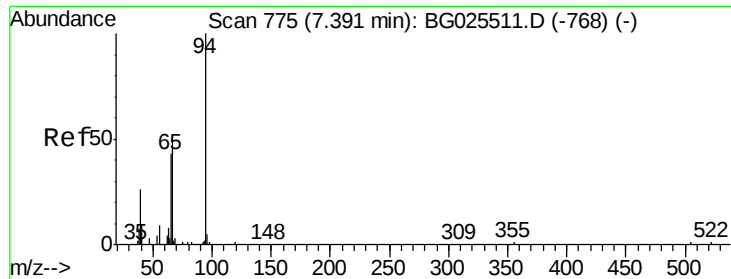
105 78.0 80.6 120.8#

106 75.4 77.7 116.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 20.14 ng/ul

RT: 7.39 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

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SSTD02002

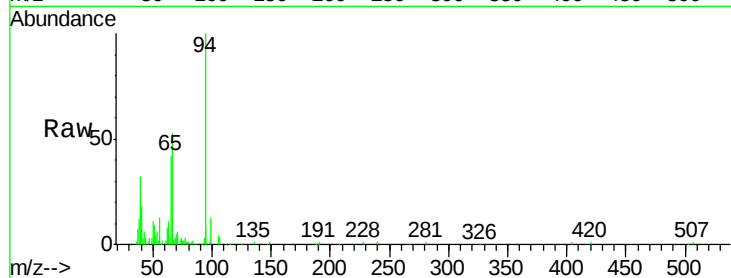
Tgt Ion: 94 Resp: 102471

Ion Ratio Lower Upper

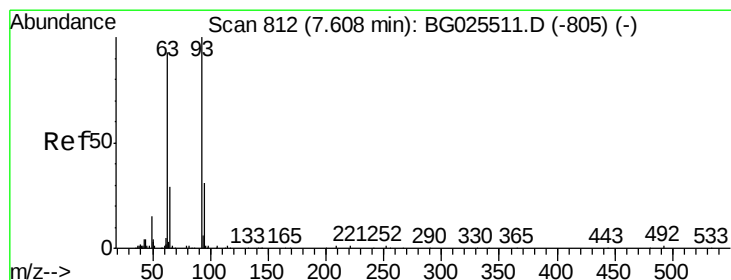
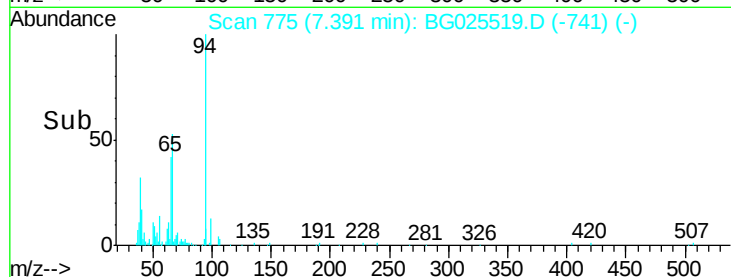
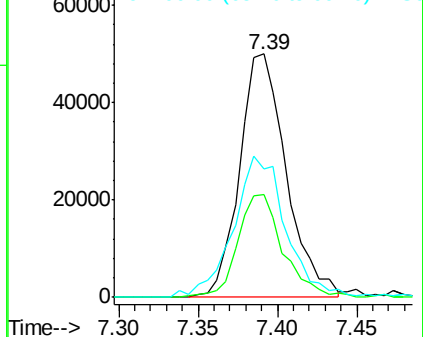
94 100

65 42.0 21.0 31.6#

66 52.9 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 20.52 ng/ul

RT: 7.61 min Scan# 812

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

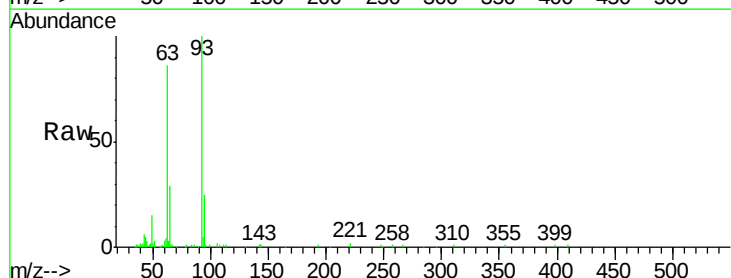
Tgt Ion: 93 Resp: 78027

Ion Ratio Lower Upper

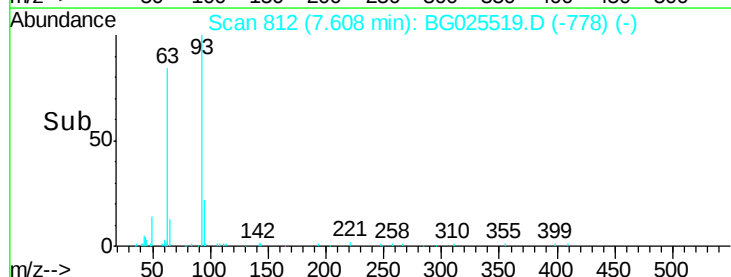
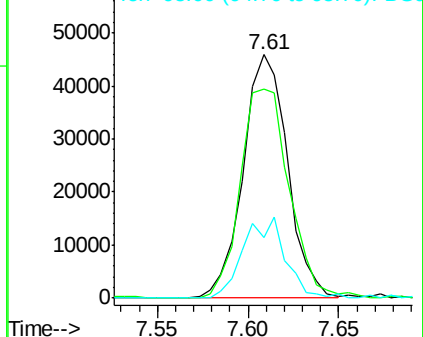
93 100

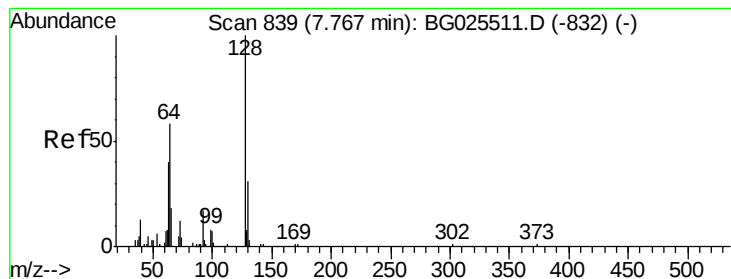
63 86.1 53.5 80.3#

95 25.0 26.2 39.2#



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





#10

2-Chlorophenol

Concen: 19.78 ng/ul

RT: 7.76 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

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SSTD02002

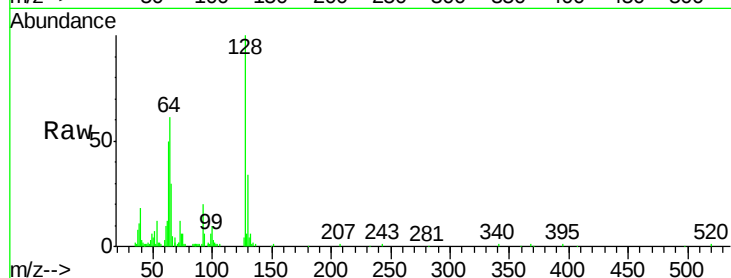
Tgt Ion:128 Resp: 71875

Ion Ratio Lower Upper

128 100

64 61.1 31.9 47.9#

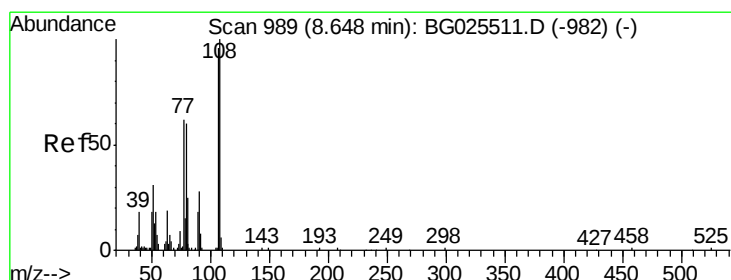
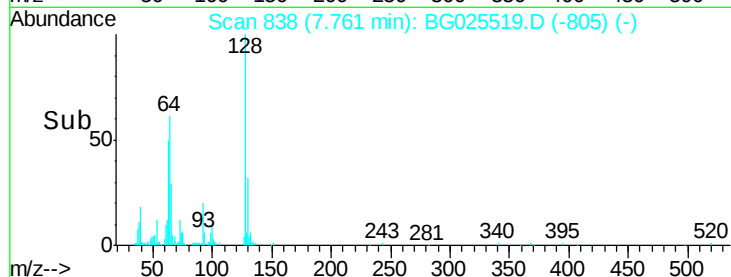
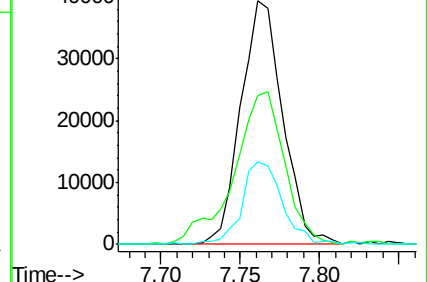
130 33.6 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.27 ng/ul

RT: 8.65 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG025519.D

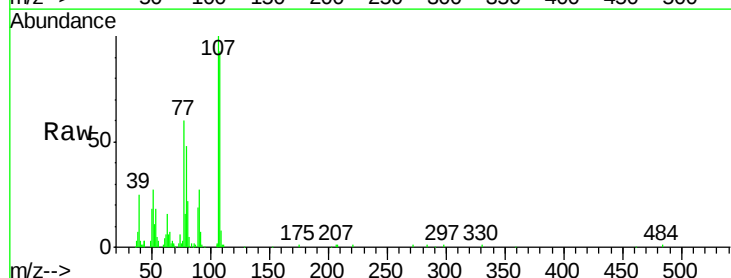
Acq: 13 Jan 2017 20:18

Tgt Ion:108 Resp: 72097

Ion Ratio Lower Upper

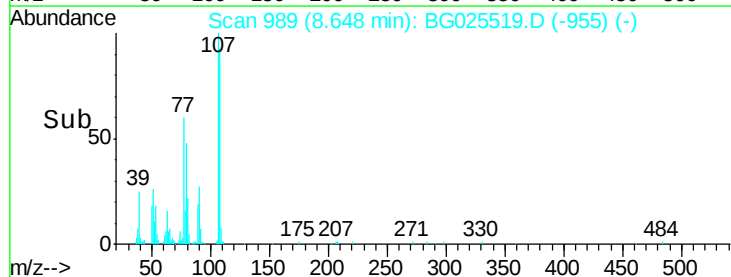
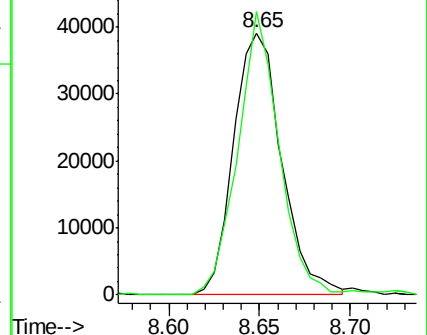
108 100

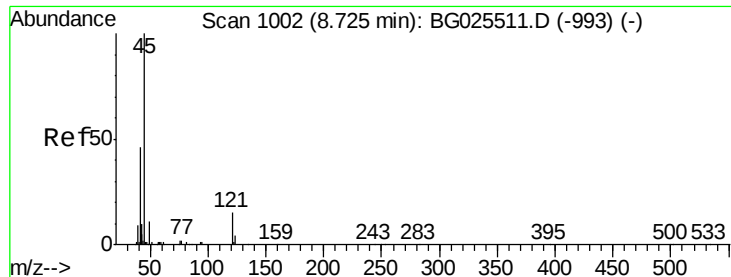
107 108.1 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

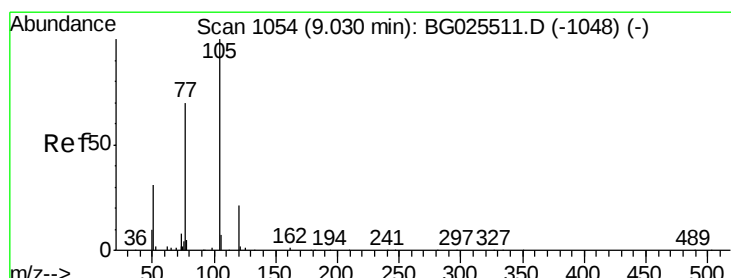
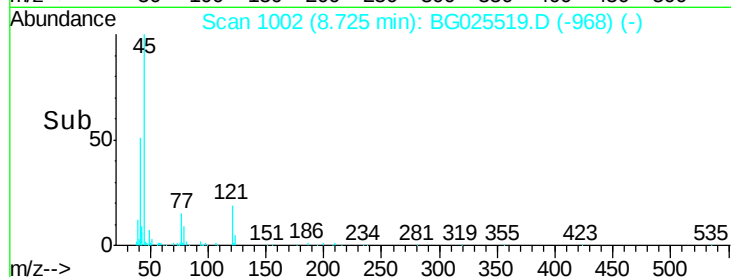
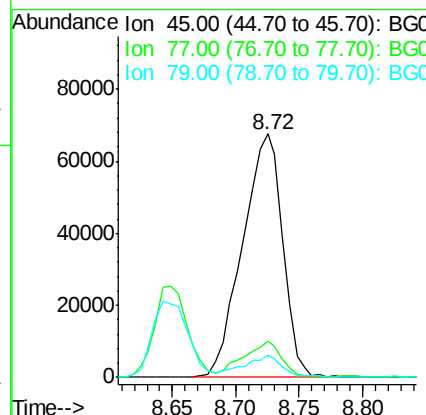
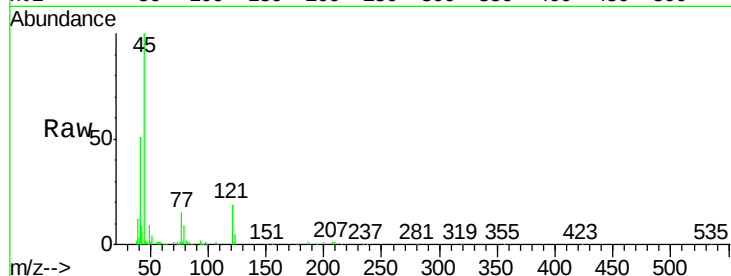




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 21.49 ng/ul
 RT: 8.72 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

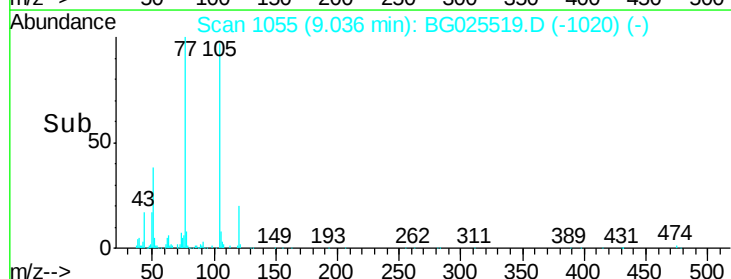
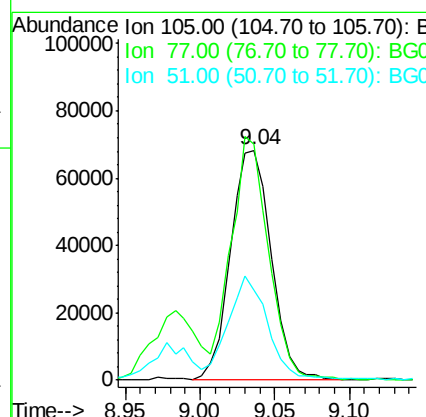
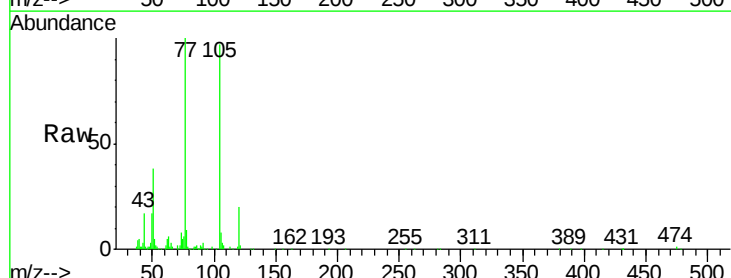
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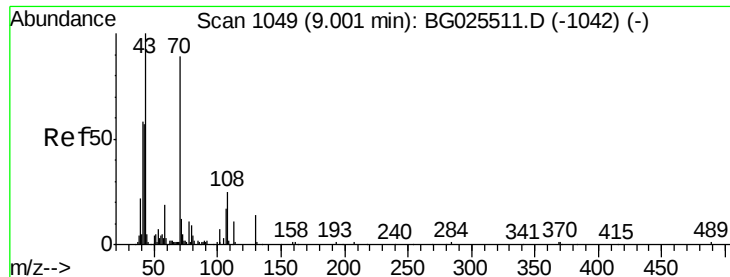
Tgt Ion: 45 Resp: 148638
 Ion Ratio Lower Upper
 45 100
 77 15.0 15.9 23.9#
 79 9.1 12.5 18.7#



#14
 Acetophenone
 Concen: 20.71 ng/ul
 RT: 9.04 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

Tgt Ion: 105 Resp: 129454
 Ion Ratio Lower Upper
 105 100
 77 102.7 59.0 88.4#
 51 39.4 16.4 24.6#

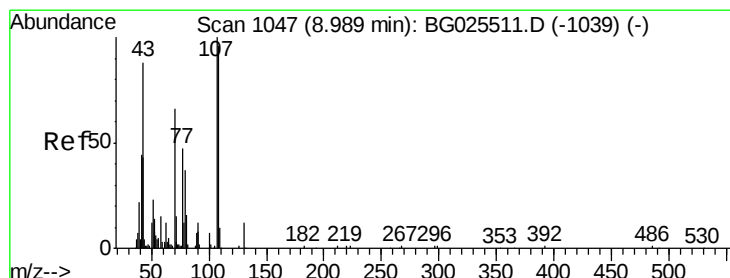
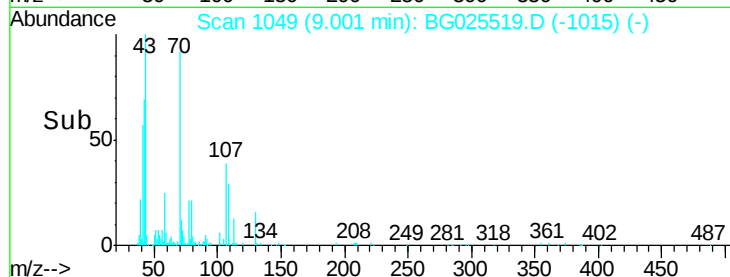
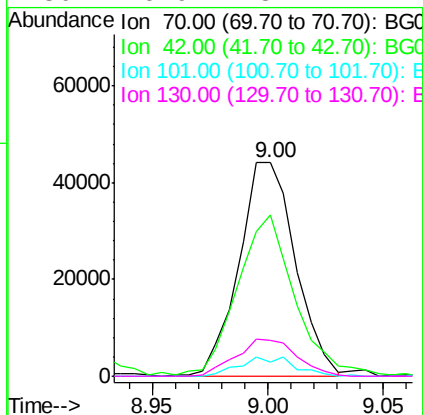
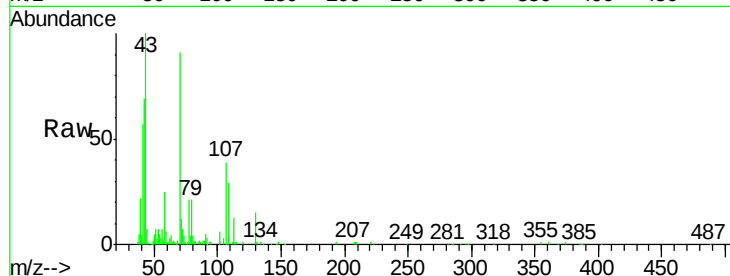




#15
N-Nitroso-di-n-propylamine
Concen: 19.80 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

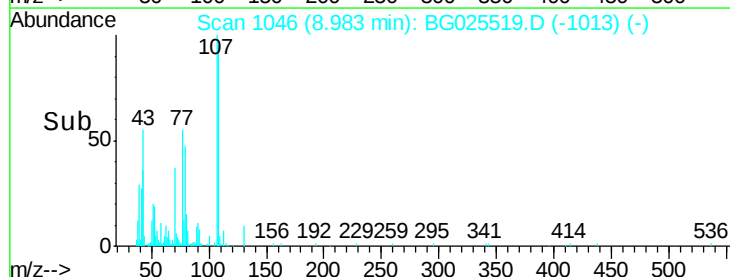
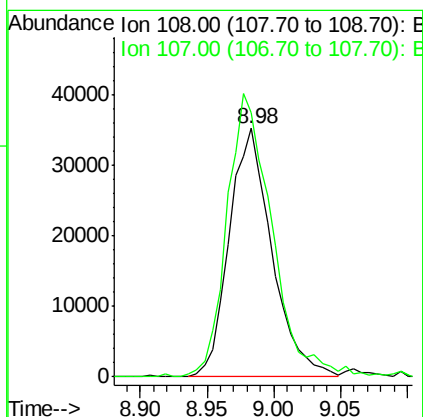
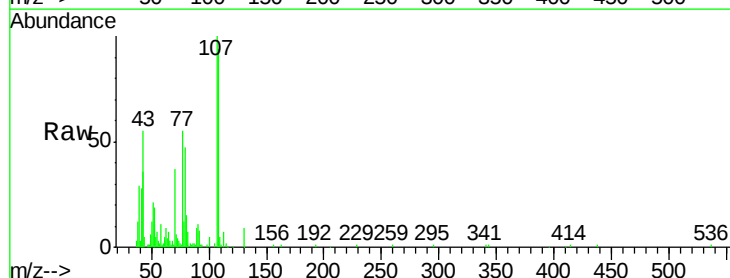
Instrument :
BNA_G
ClientSampleId :
SSTD02002

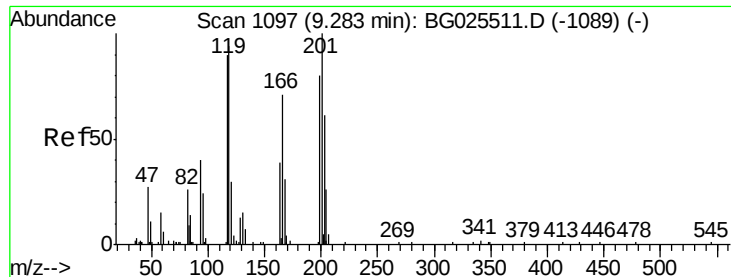
Tgt Ion: 70 Resp: 75082
Ion Ratio Lower Upper
70 100
42 75.5 35.4 53.0#
101 6.5 8.4 12.6#
130 16.9 18.2 27.4#



#16
4-Methylphenol
Concen: 18.98 ng/ul
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

Tgt Ion: 108 Resp: 78416
Ion Ratio Lower Upper
108 100
107 106.4 90.3 135.5





#17

Hexachloroethane

Concen: 21.86 ng/ul

RT: 9.28 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

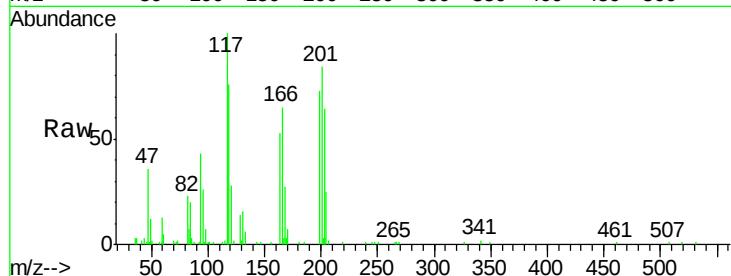
Tgt Ion:117 Resp: 37566

Ion Ratio Lower Upper

117 100

201 84.1 81.5 122.3

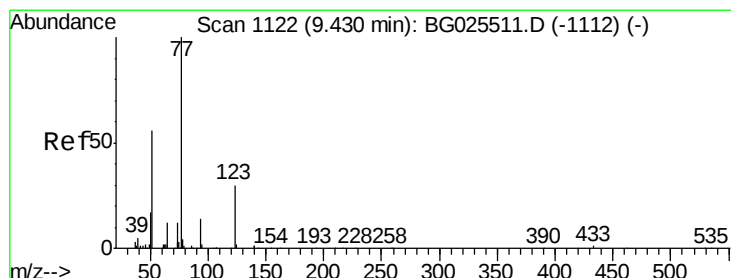
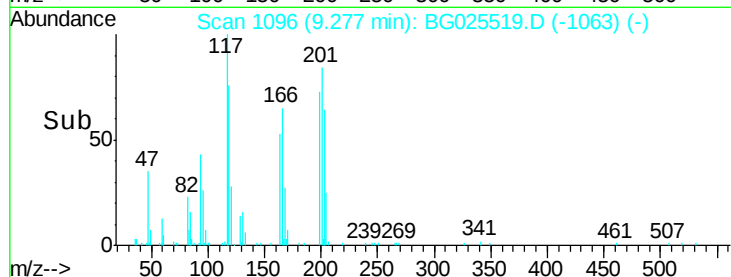
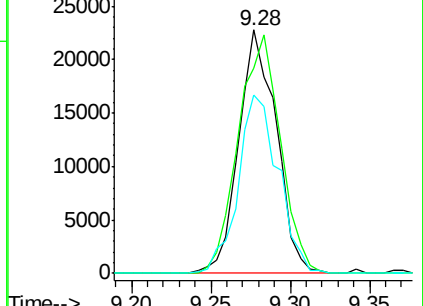
199 73.5 50.6 76.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.89 ng/ul

RT: 9.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

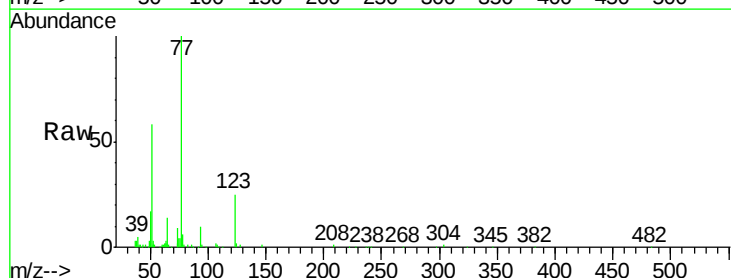
Tgt Ion: 77 Resp: 116340

Ion Ratio Lower Upper

77 100

123 25.3 39.0 58.4#

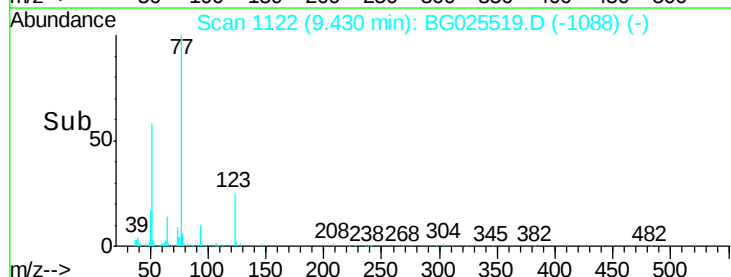
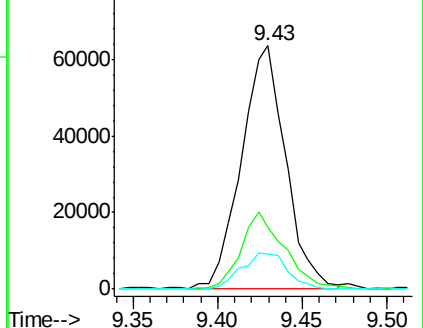
65 14.1 10.4 15.6

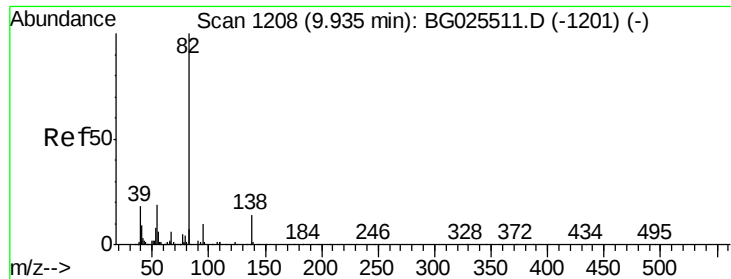


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 19.76 ng/ul

RT: 9.94 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

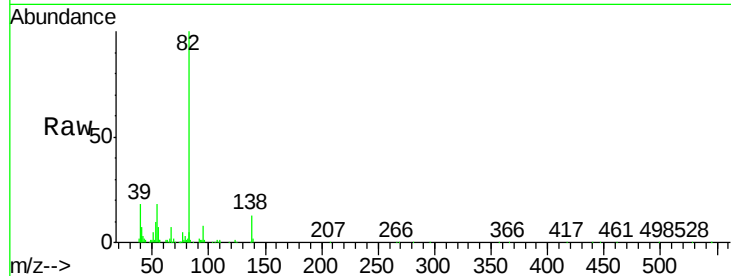
Tgt Ion: 82 Resp: 206247

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

138 13.1 14.9 22.3#



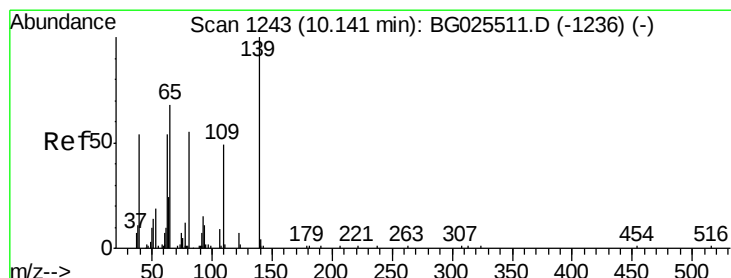
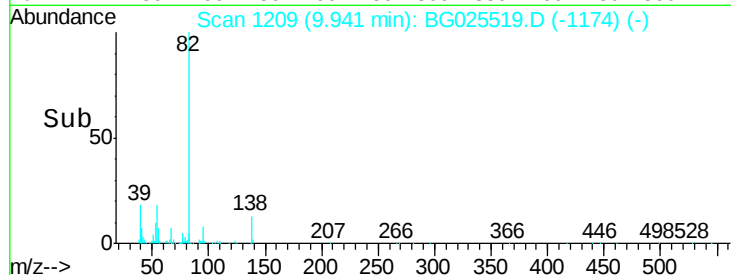
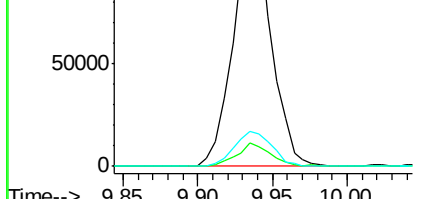
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

9.94

100000

50000

0



#23

2-Nitrophenol

Concen: 19.19 ng/ul

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

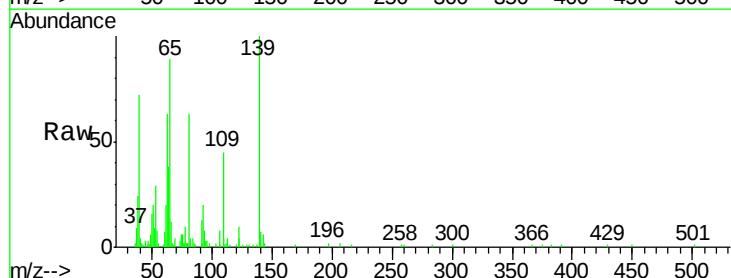
Tgt Ion: 139 Resp: 44524

Ion Ratio Lower Upper

139 100

65 88.5 36.3 54.5#

109 45.1 26.4 39.6#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC

10.14

30000

25000

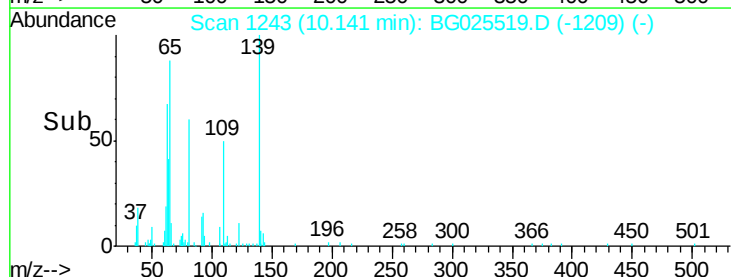
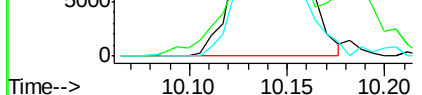
20000

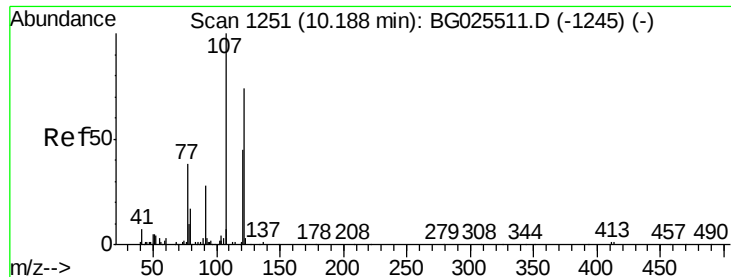
15000

10000

5000

0

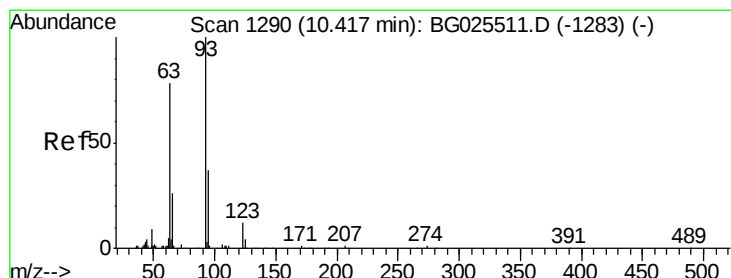
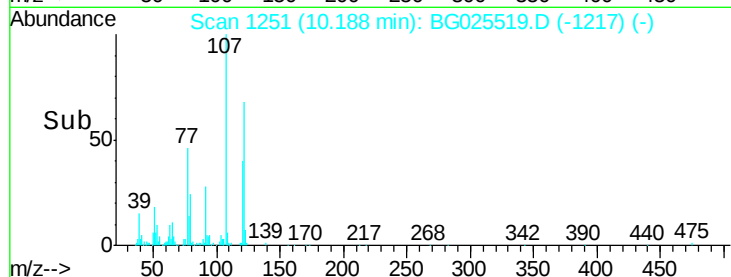
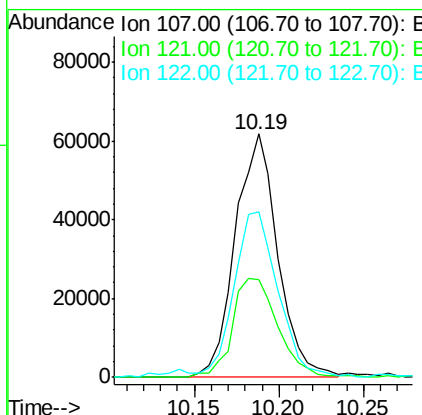
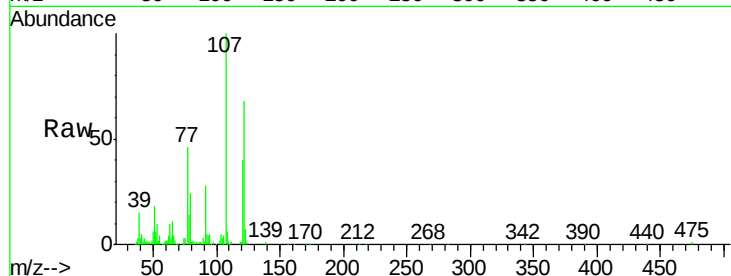




#24
 2,4-Dimethylphenol
 Concen: 20.85 ng/ul
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

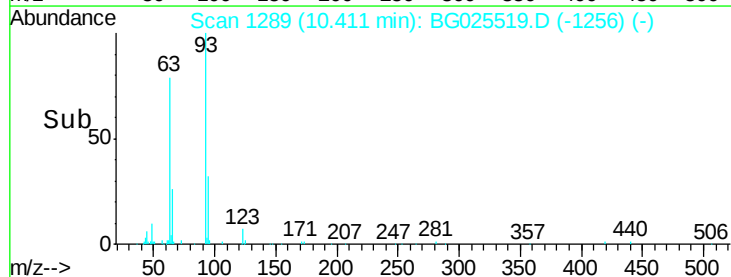
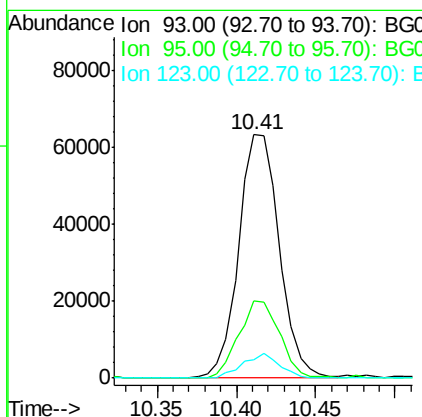
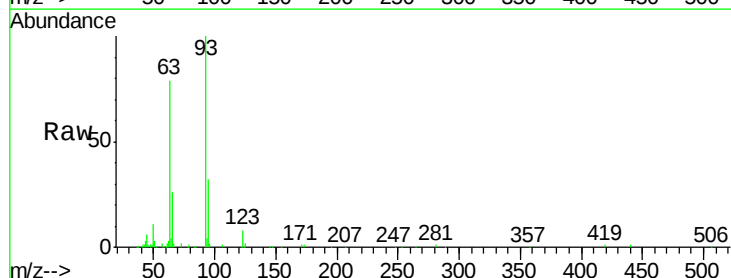
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02002

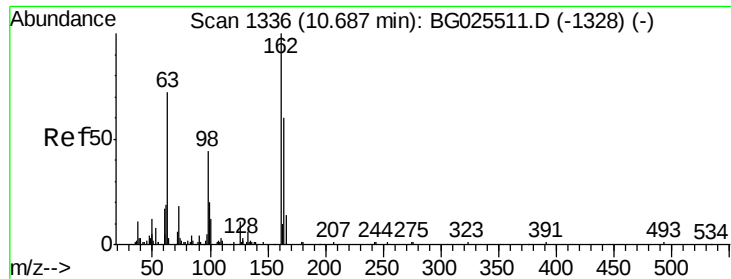
Tgt Ion: 107 Resp: 108093
 Ion Ratio Lower Upper
 107 100
 121 40.1 40.6 61.0#
 122 67.8 67.8 101.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.72 ng/ul
 RT: 10.41 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

Tgt Ion: 93 Resp: 112852
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.8 38.8
 123 7.7 9.8 14.8#

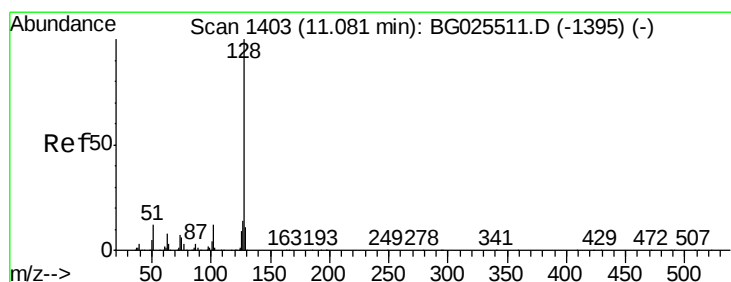
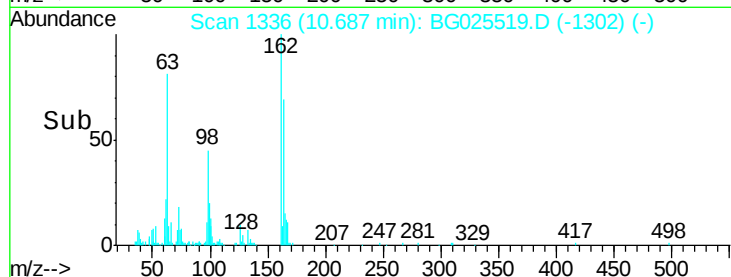
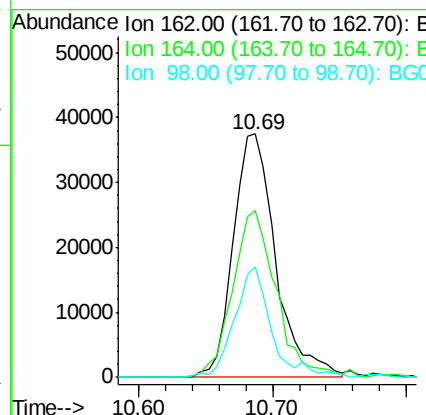
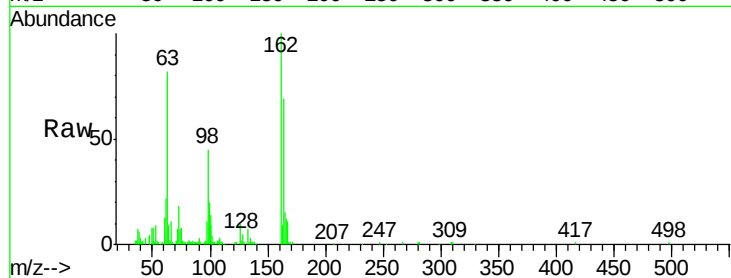




#27
2,4-Dichlorophenol
Concen: 20.27 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

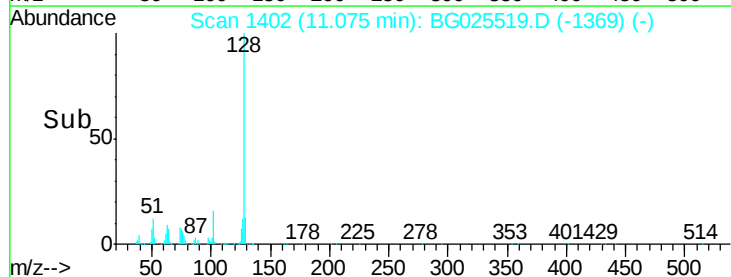
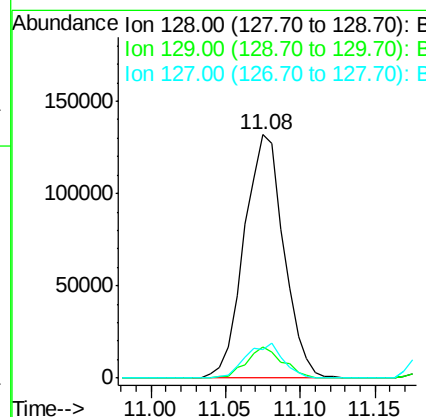
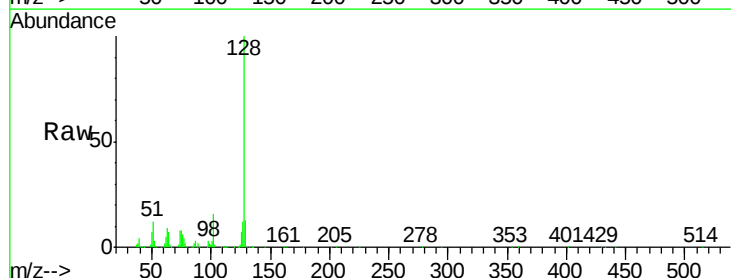
Instrument :
BNA_G
ClientSampleId :
SSTD02002

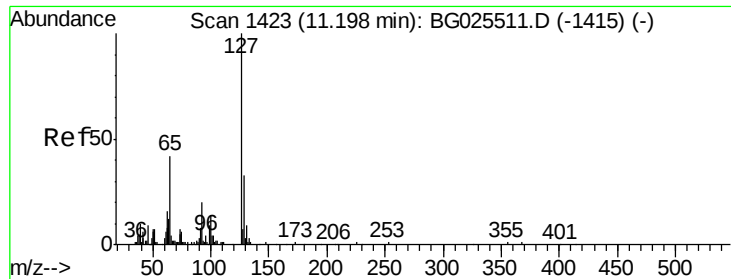
Tgt Ion:162 Resp: 82880
Ion Ratio Lower Upper
162 100
164 68.5 52.1 78.1
98 45.4 28.4 42.6#



#28
Naphthalene
Concen: 20.22 ng/ul
RT: 11.08 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

Tgt Ion:128 Resp: 242818
Ion Ratio Lower Upper
128 100
129 13.0 8.8 13.2
127 11.5 10.5 15.7

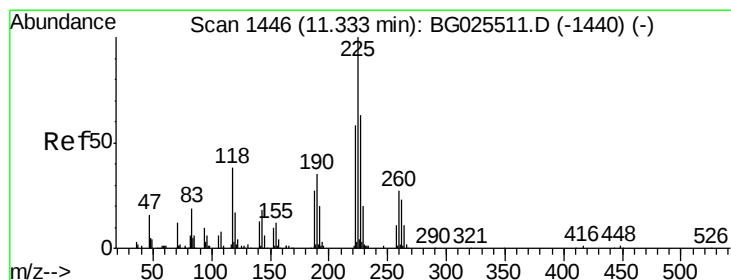
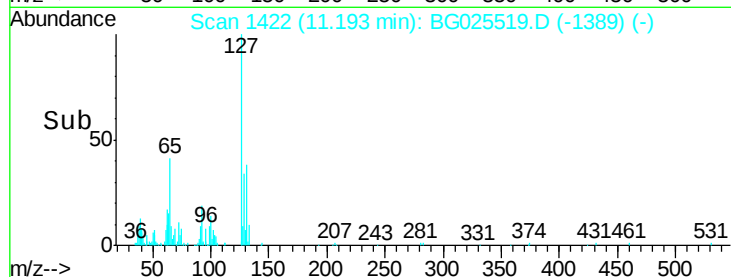
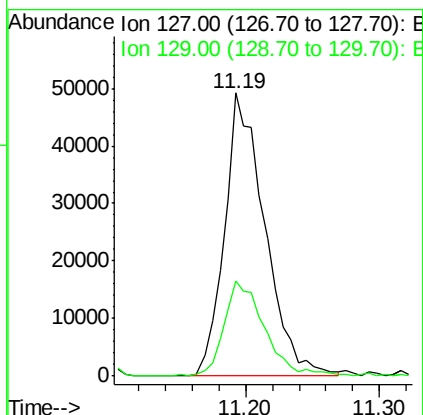
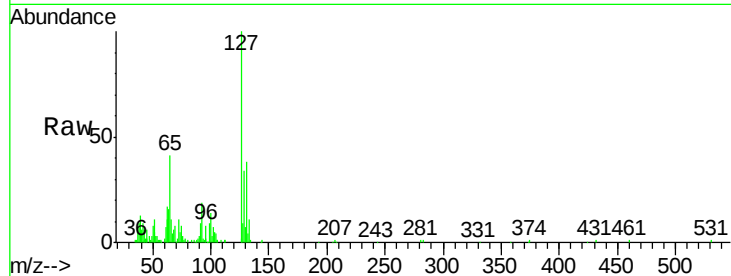




#30
4-Chloroaniline
Concen: 22.30 ng/ul
RT: 11.19 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

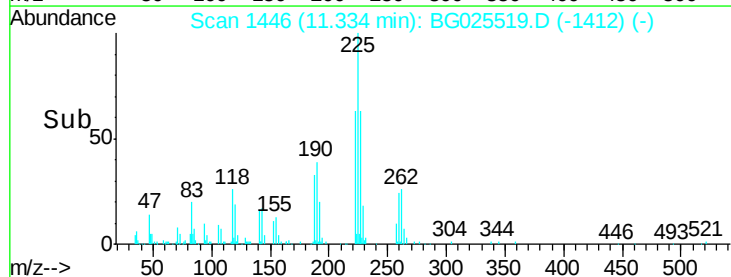
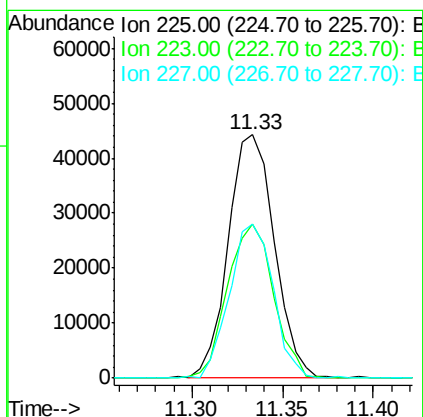
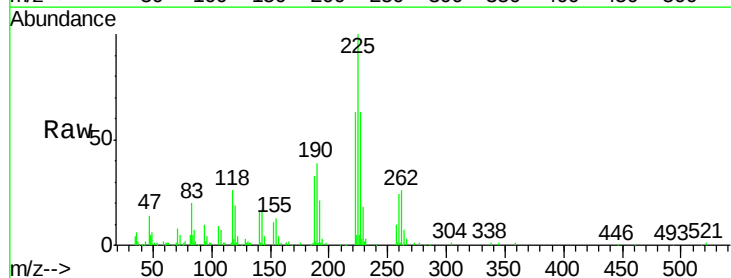
Instrument :
BNA_G
ClientSampleId :
SSTD02002

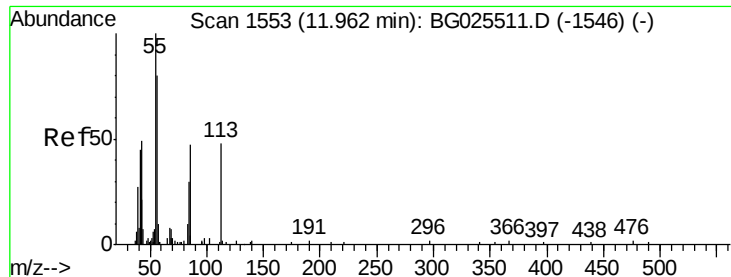
Tgt Ion:127 Resp: 103401
Ion Ratio Lower Upper
127 100
129 33.7 25.4 38.2



#31
Hexachlorobutadiene
Concen: 19.72 ng/ul
RT: 11.33 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

Tgt Ion:225 Resp: 78444
Ion Ratio Lower Upper
225 100
223 63.3 51.4 77.2
227 63.1 50.7 76.1





#32

Caprolactam

Concen: 17.75 ng/ul

RT: 11.96 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

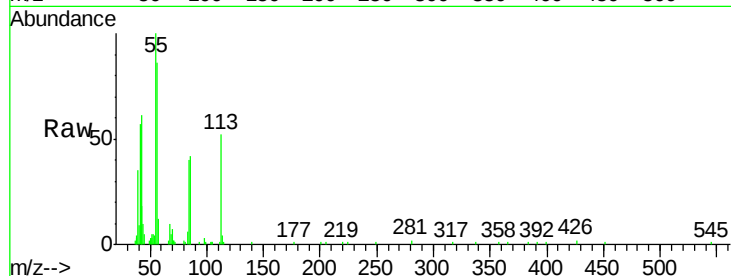
Tgt Ion:113 Resp: 27704

Ion Ratio Lower Upper

113 100

55 193.1 101.9 152.9#

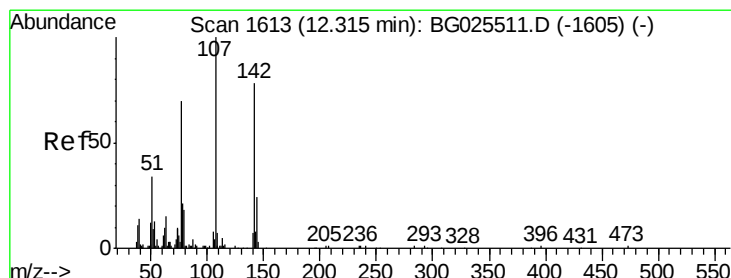
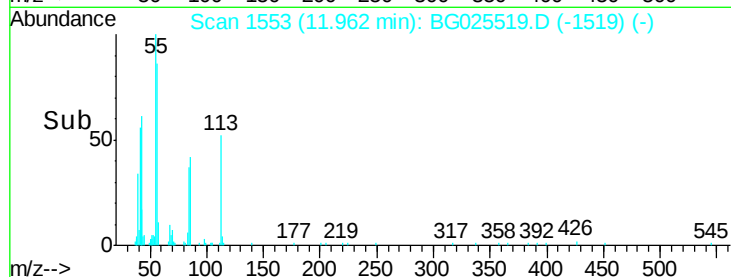
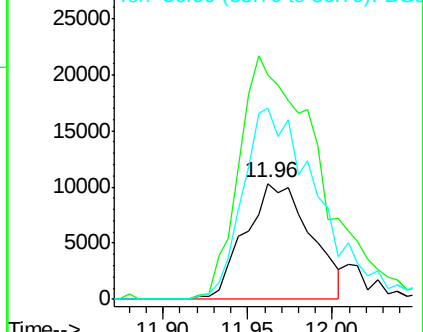
56 165.1 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 20.85 ng/ul

RT: 12.31 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

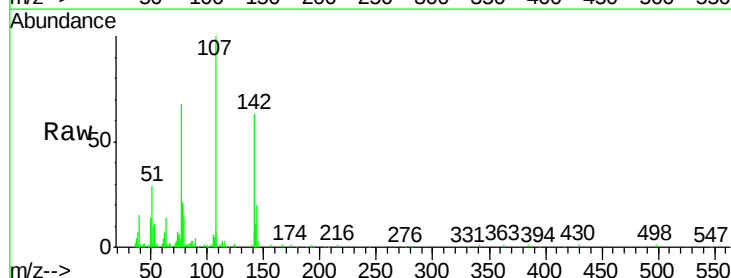
Tgt Ion:107 Resp: 98200

Ion Ratio Lower Upper

107 100

144 19.7 20.4 30.6#

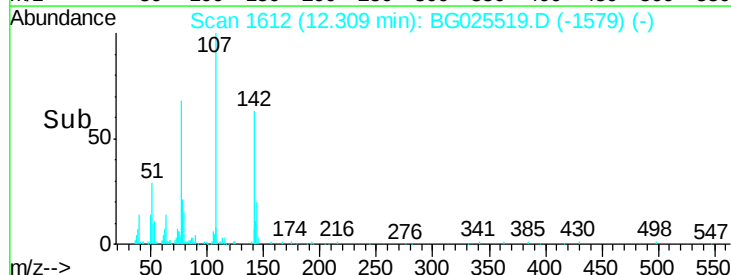
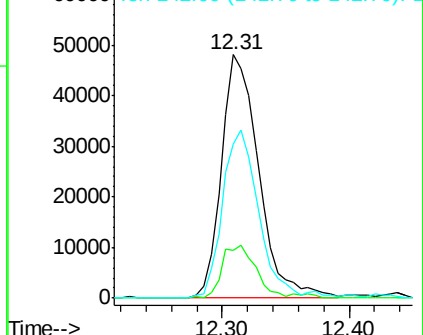
142 63.4 62.5 93.7

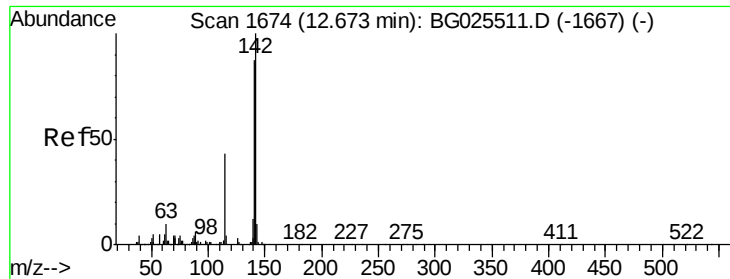


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.63 ng/ul

RT: 12.67 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

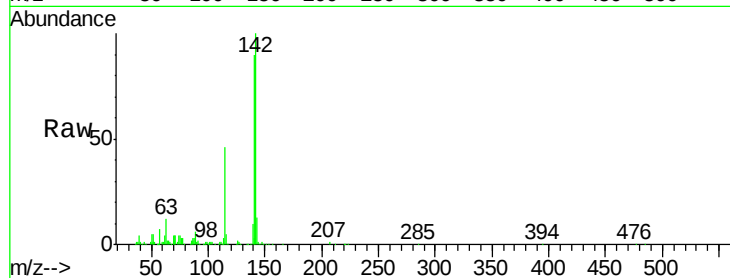
SSTD02002

Tgt Ion:142 Resp: 192204

Ion Ratio Lower Upper

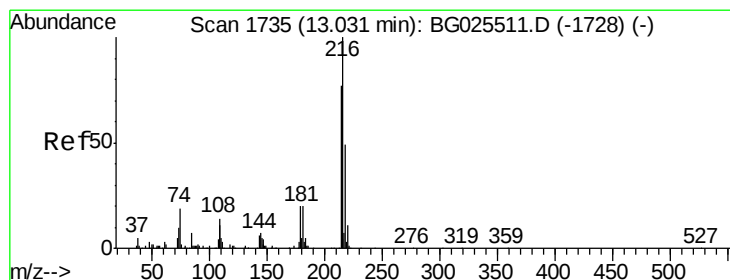
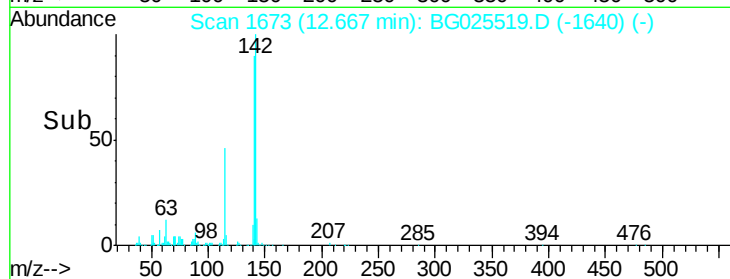
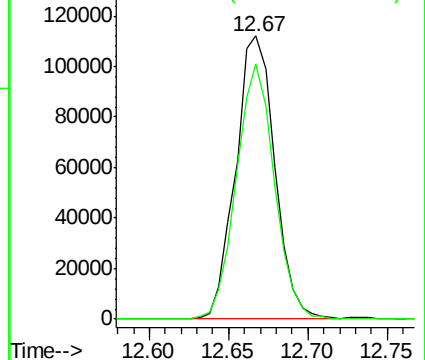
142 100

141 90.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.73 ng/ul

RT: 13.03 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Tgt Ion:216 Resp: 132711

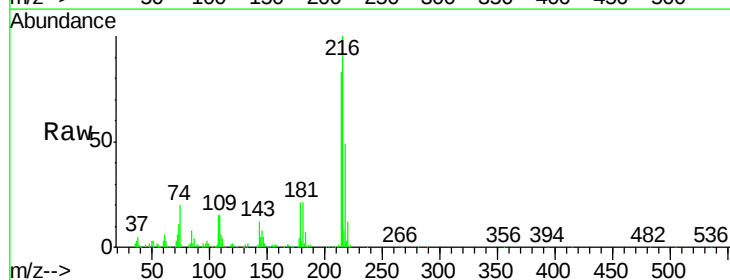
Ion Ratio Lower Upper

216 100

214 83.0 62.5 93.7

179 21.2 18.2 27.2

108 15.3 14.2 21.2

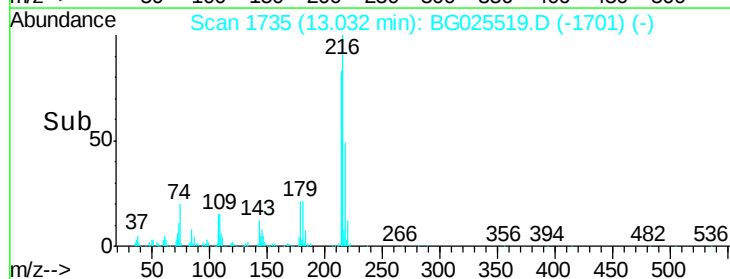
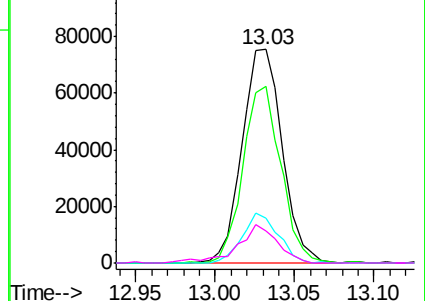


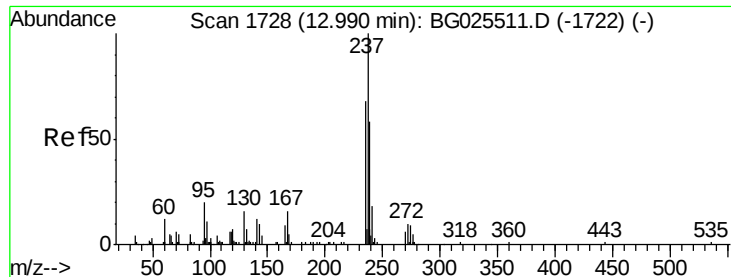
Abundance Ion 216.00 (215.70 to 216.70): E

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

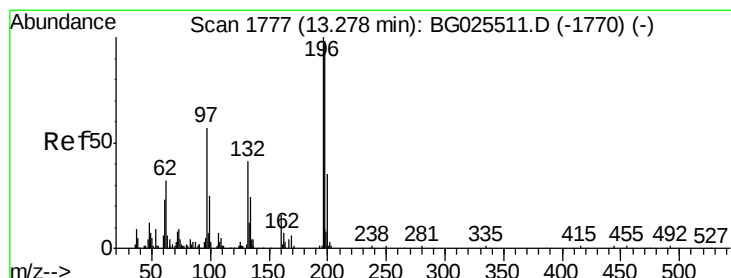
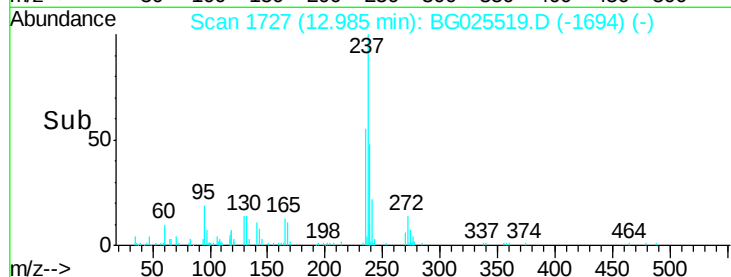
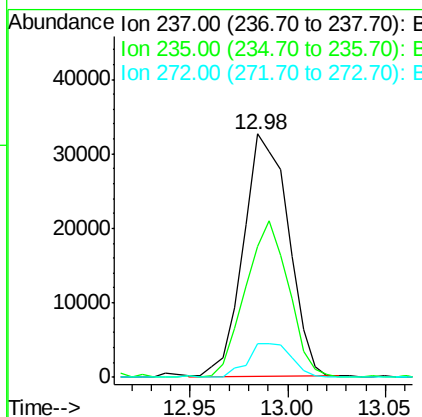
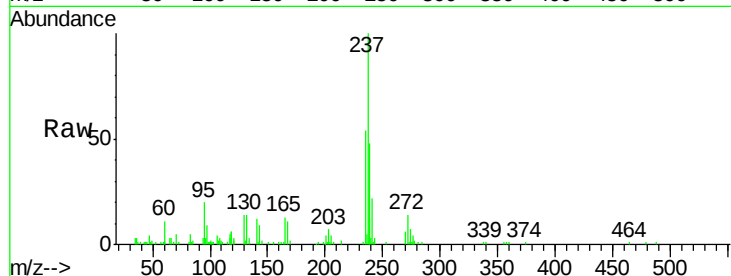




#37
Hexachlorocyclopentadiene
Concen: 18.65 ng/ul
RT: 12.98 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

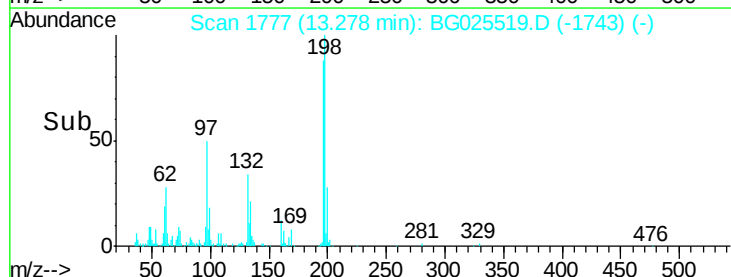
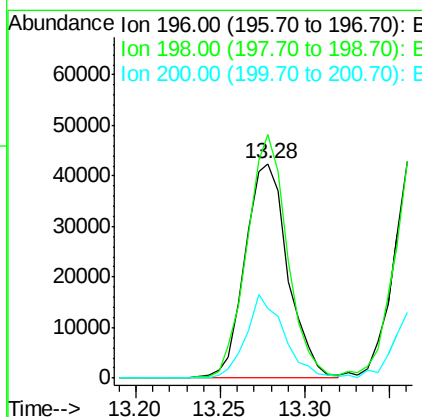
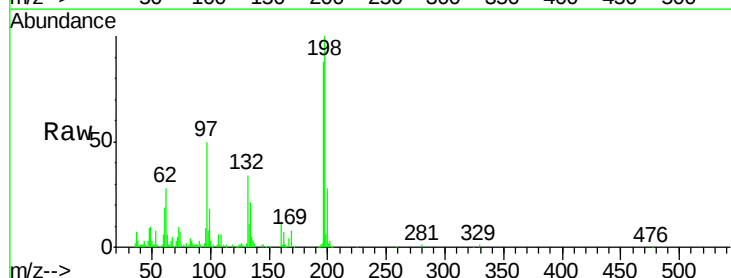
Instrument :
BNA_G
ClientSampleId :
SSTD02002

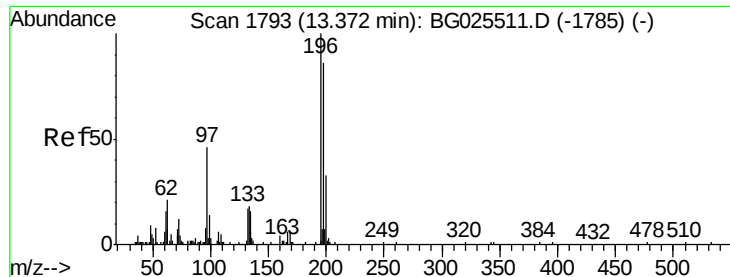
Tgt Ion: 237 Resp: 52103
Ion Ratio Lower Upper
237 100
235 53.7 50.4 75.6
272 13.9 9.6 14.4



#38
2,4,6-Trichlorophenol
Concen: 19.09 ng/ul
RT: 13.28 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

Tgt Ion: 196 Resp: 74666
Ion Ratio Lower Upper
196 100
198 113.4 76.6 114.8
200 32.1 24.7 37.1

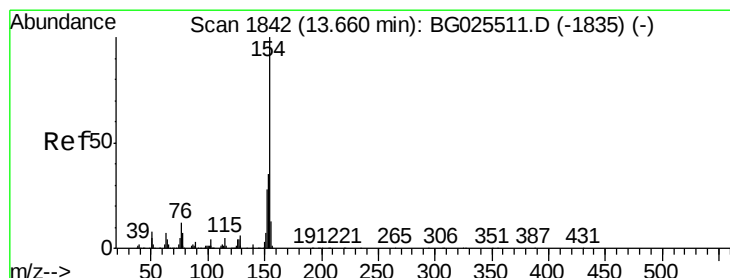
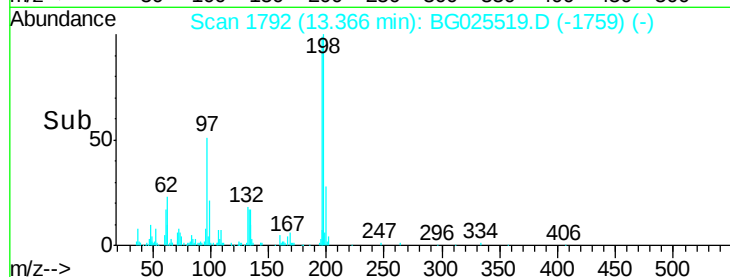
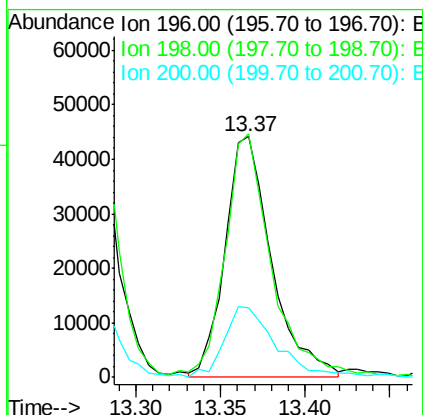
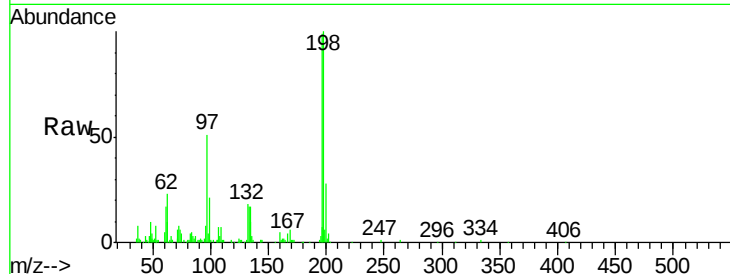




#39
 2,4,5-Trichlorophenol
 Concen: 20.00 ng/ul
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

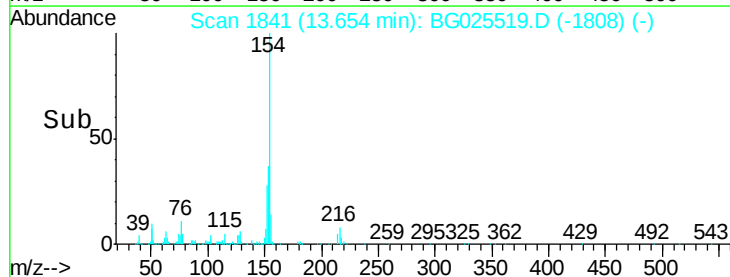
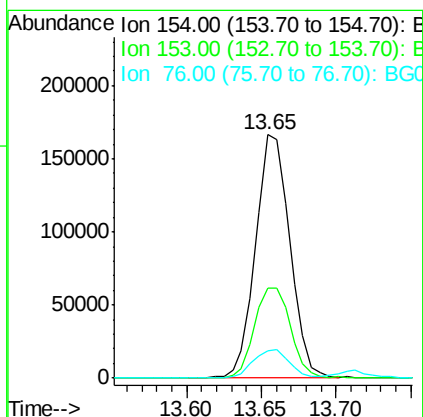
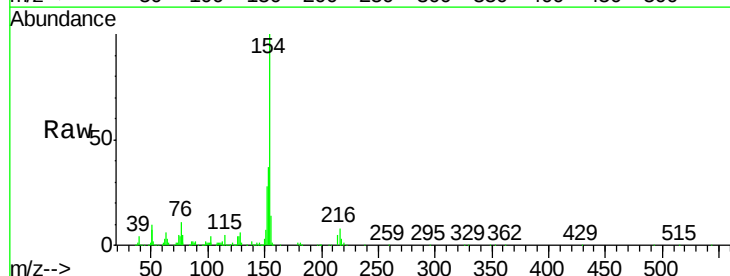
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02002

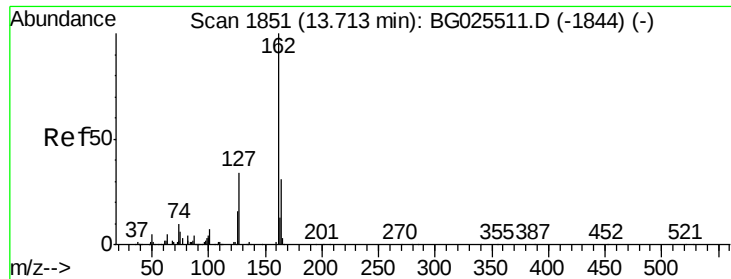
Tgt Ion:196 Resp: 84625
 Ion Ratio Lower Upper
 196 100
 198 101.3 76.9 115.3
 200 28.7 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 19.75 ng/ul
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

Tgt Ion:154 Resp: 263935
 Ion Ratio Lower Upper
 154 100
 153 36.9 32.1 48.1
 76 11.5 9.5 14.3

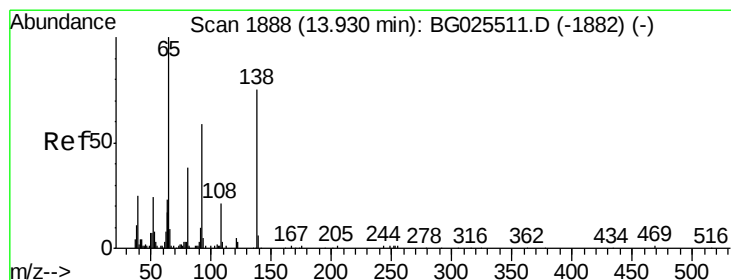
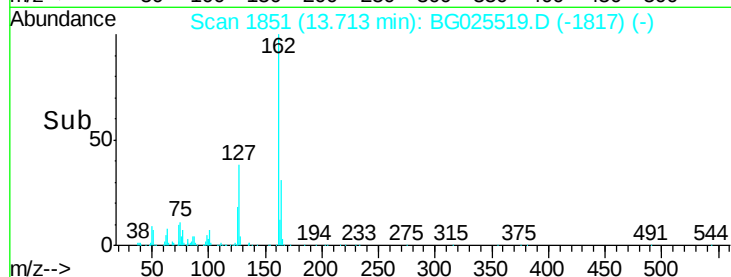
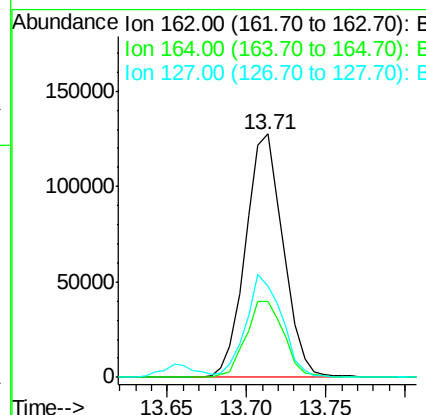
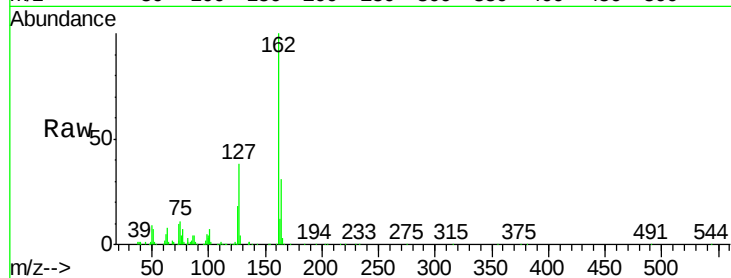




#41
2-Chloronaphthalene
Concen: 19.72 ng/ul
RT: 13.71 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

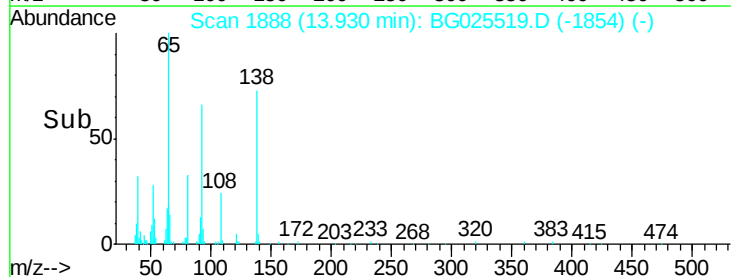
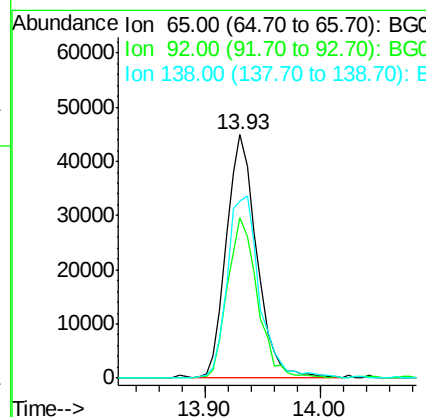
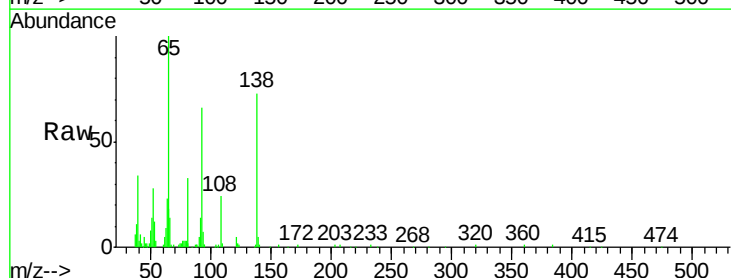
Instrument :
BNA_G
ClientSampleId :
SSTD02002

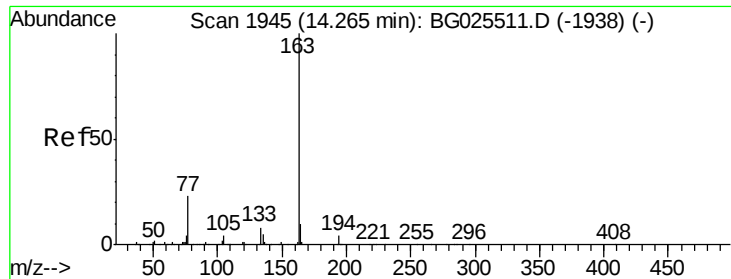
Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.1	25.9	38.9
127	37.6	34.1	51.1



#42
2-Nitroaniline
Concen: 19.95 ng/ul
RT: 13.93 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	60.4	90.6
138	72.8	99.8	149.6





#44

Dimethylphthalate

Concen: 20.70 ng/ul

RT: 14.27 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

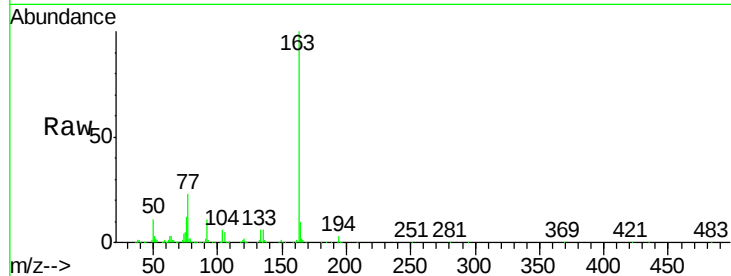
Tgt Ion:163 Resp: 295082

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

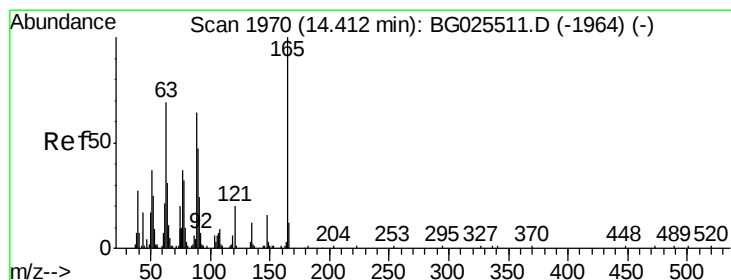
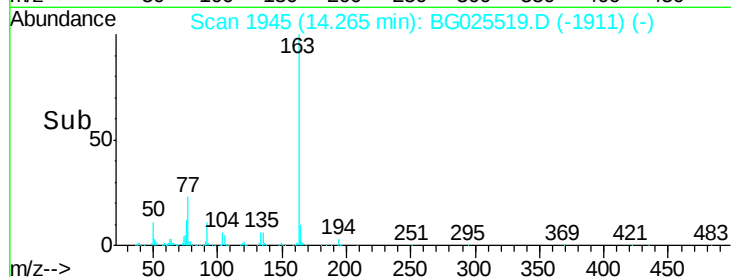
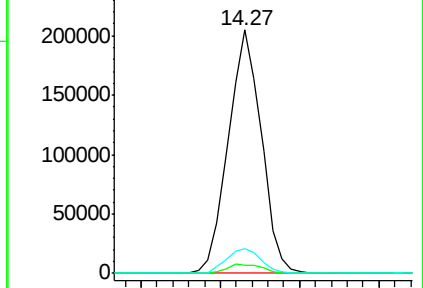
164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.62 ng/ul

RT: 14.41 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

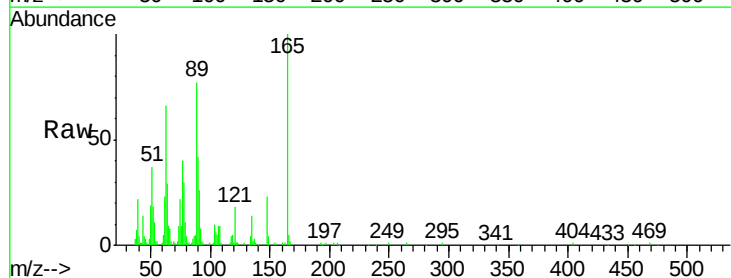
Tgt Ion:165 Resp: 61180

Ion Ratio Lower Upper

165 100

89 77.1 42.4 63.6#

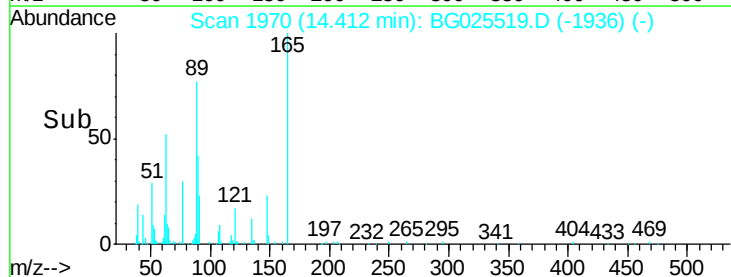
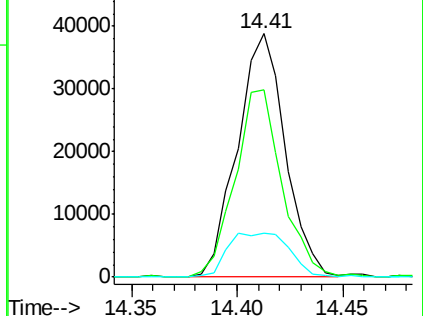
121 18.1 16.6 24.8

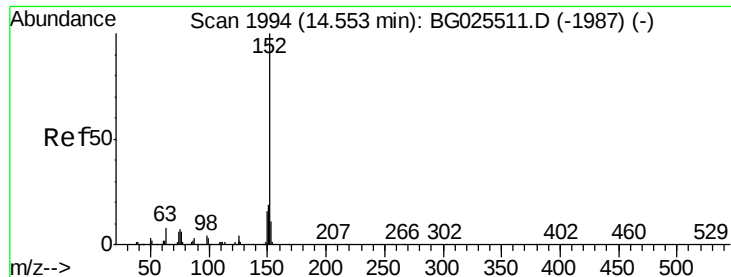


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.31 ng/ul

RT: 14.55 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

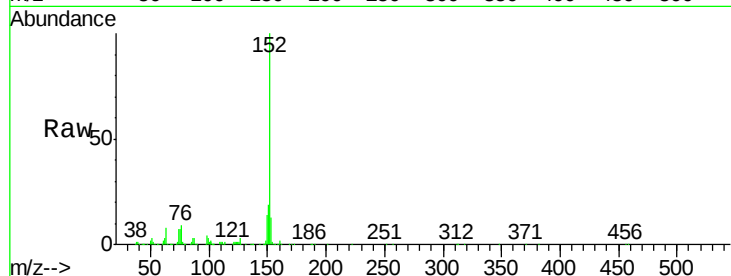
Tgt Ion:152 Resp: 316449

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

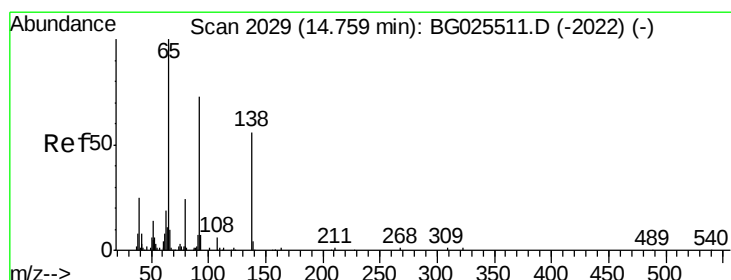
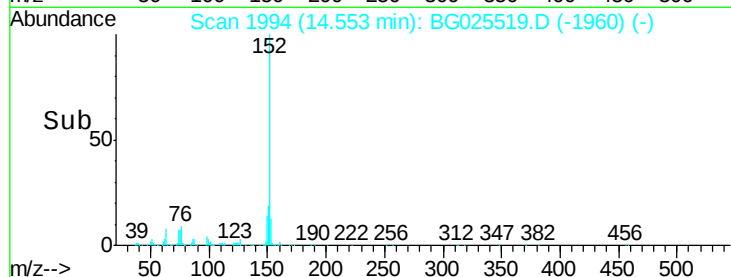
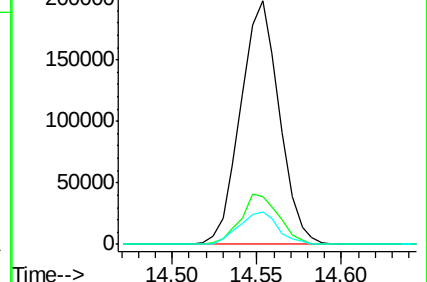
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 22.19 ng/ul

RT: 14.76 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

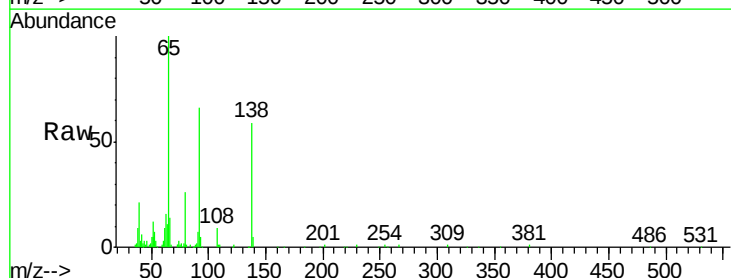
Tgt Ion:138 Resp: 56158

Ion Ratio Lower Upper

138 100

108 16.0 8.7 13.1#

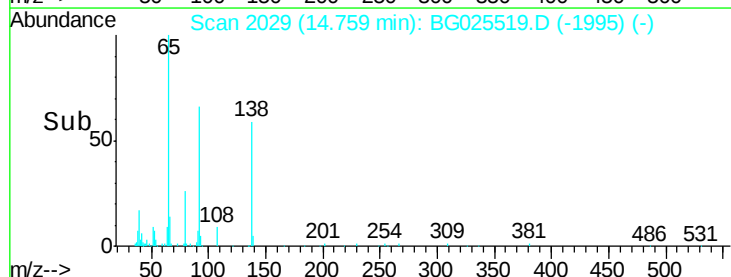
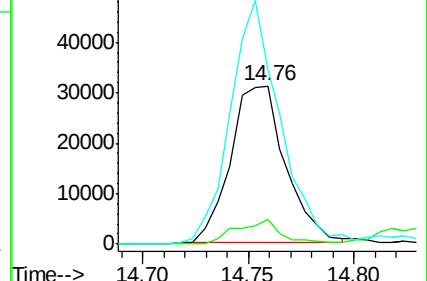
92 110.7 88.2 132.4

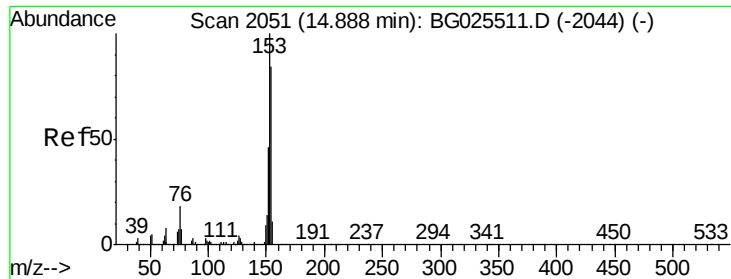


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 19.55 ng/ul

RT: 14.89 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

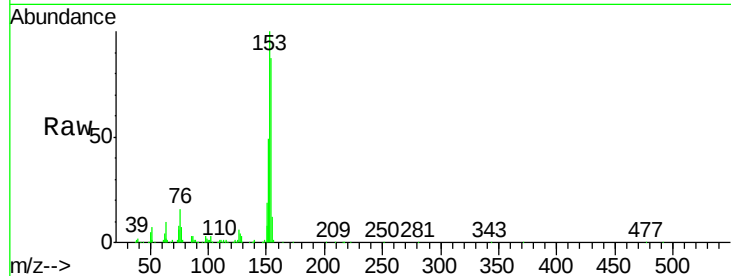
Tgt Ion:153 Resp: 214879

Ion Ratio Lower Upper

153 100

152 49.3 38.3 57.5

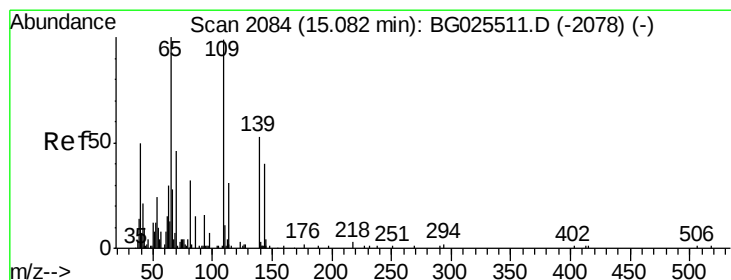
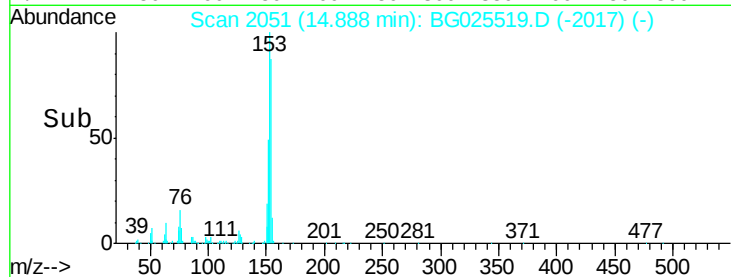
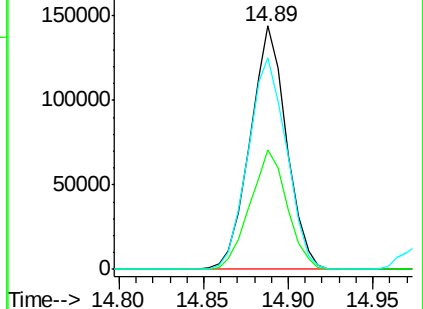
154 86.9 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 17.41 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

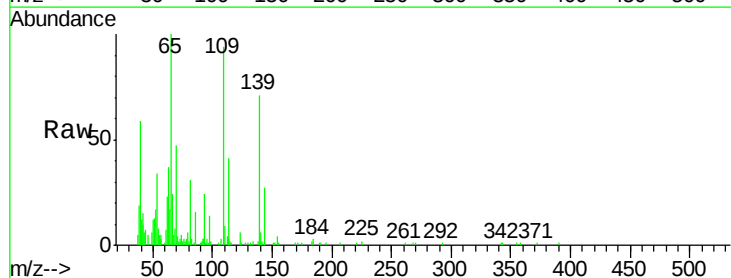
Tgt Ion:109 Resp: 47170

Ion Ratio Lower Upper

109 100

139 76.2 103.7 155.5#

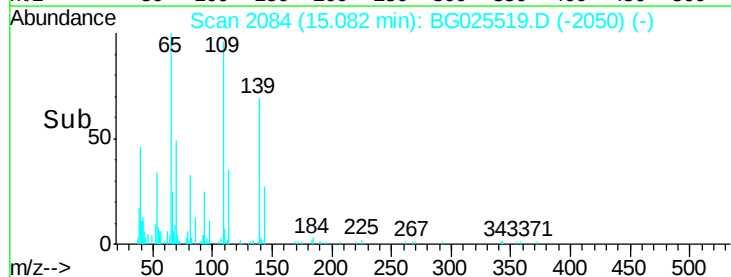
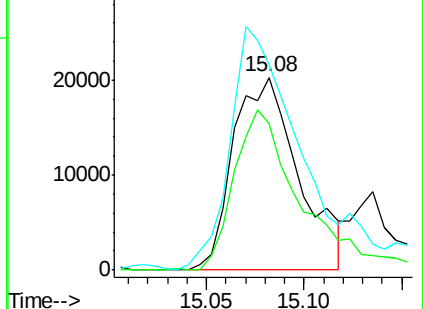
65 106.7 89.4 134.2

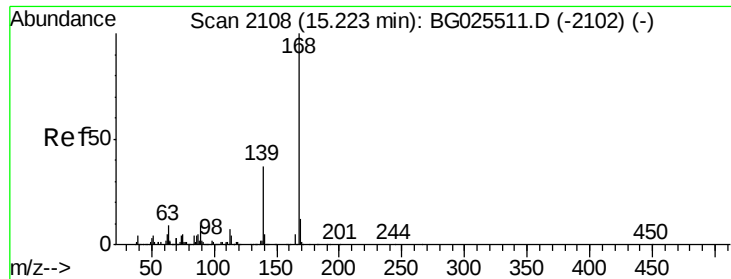


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#53

Dibenzenofuran

Concen: 20.09 ng/ul

RT: 15.22 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

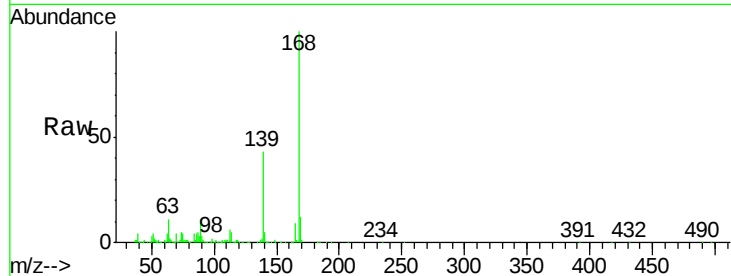
SSTD02002

Tgt Ion:168 Resp: 341363

Ion Ratio Lower Upper

168 100

139 42.5 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

250000

200000

150000

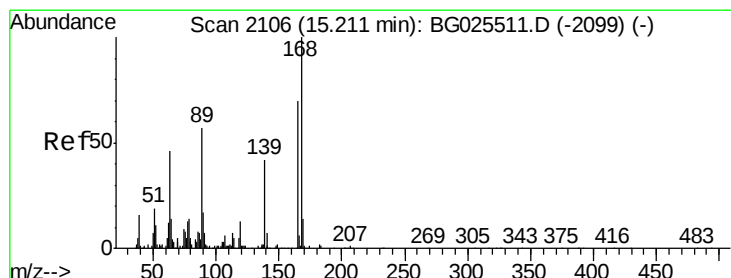
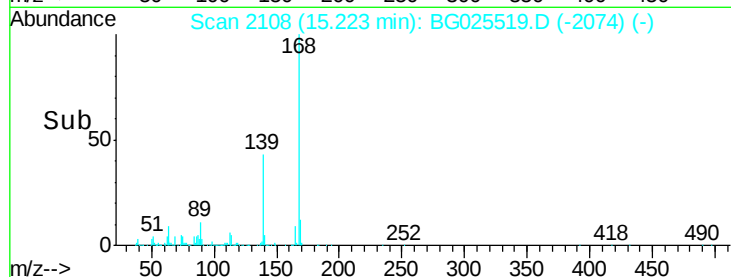
100000

50000

0

15.15 15.20 15.25 15.30

Time-->



#54

2,4-Dinitrotoluene

Concen: 20.58 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

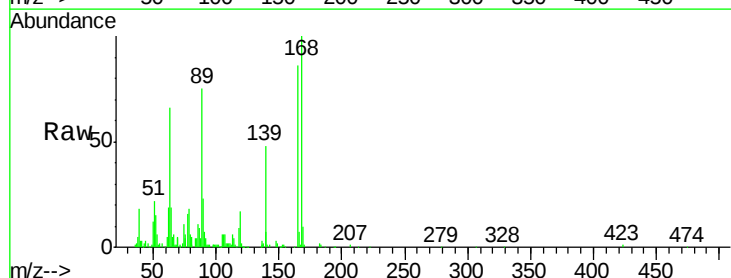
Tgt Ion:165 Resp: 91133

Ion Ratio Lower Upper

165 100

63 76.1 29.8 44.6#

182 1.8 2.2 3.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

60000

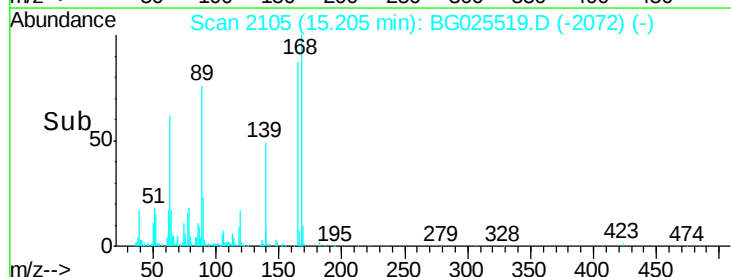
40000

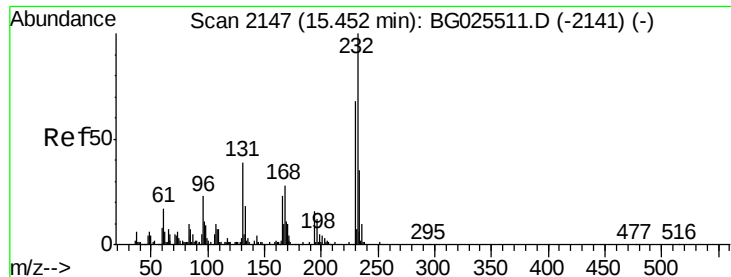
20000

0

15.15 15.20 15.25

Time-->

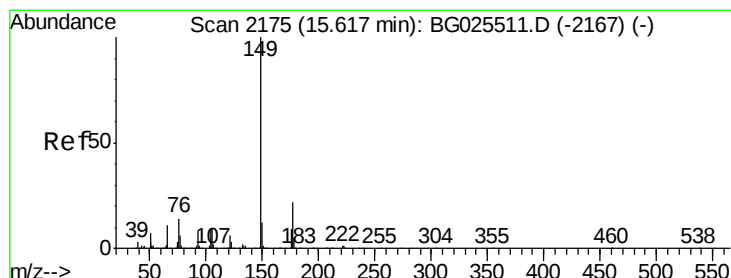
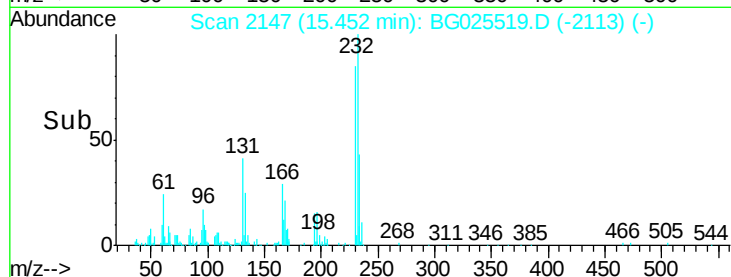
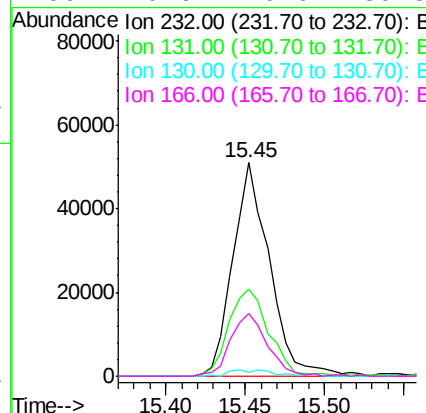
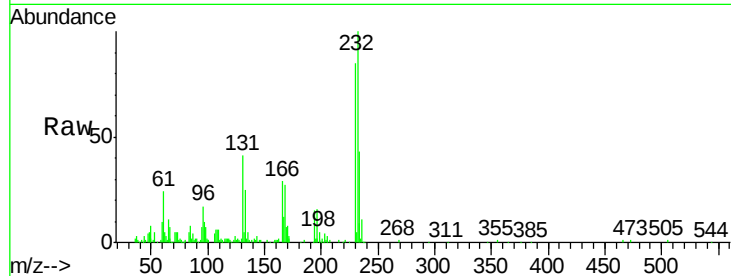




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 18.65 ng/ul
 RT: 15.45 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

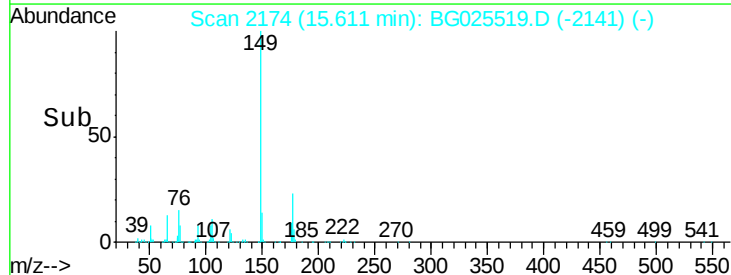
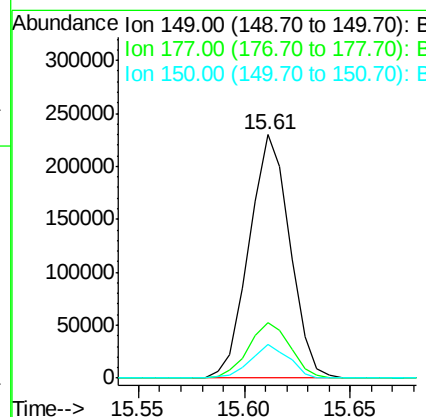
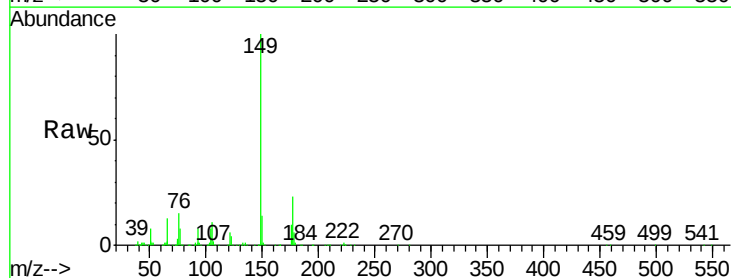
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02002

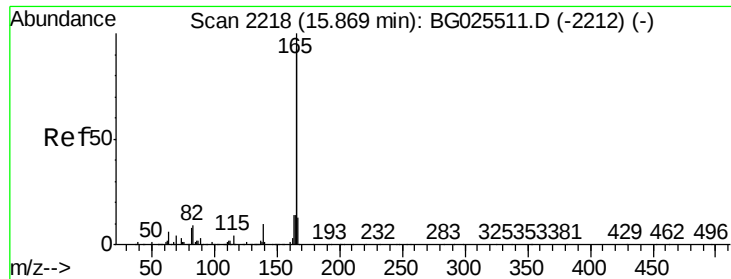
Tgt Ion:	232	Resp:	81595
Ion	Ratio	Lower	Upper
232	100		
131	40.6	39.4	59.2
130	1.9	2.2	3.2#
166	29.5	26.6	39.8



#56
 Diethylphthalate
 Concen: 20.60 ng/ul
 RT: 15.61 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG025519.D
 Acq: 13 Jan 2017 20:18

Tgt Ion:	149	Resp:	307937
Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.2
150	13.7	10.0	15.0





#58

Fluorene

Concen: 19.94 ng/ul

RT: 15.87 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

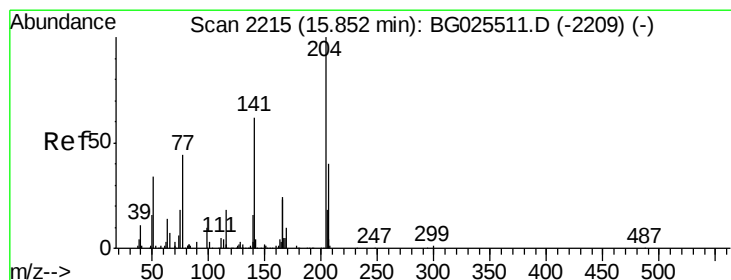
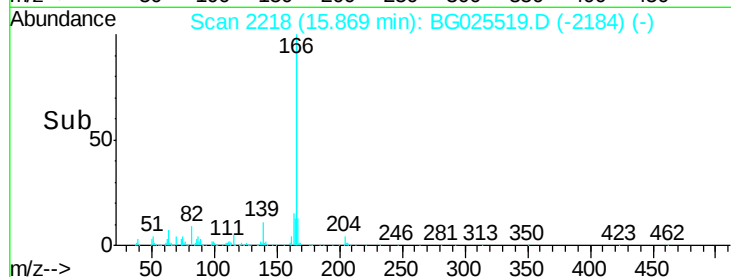
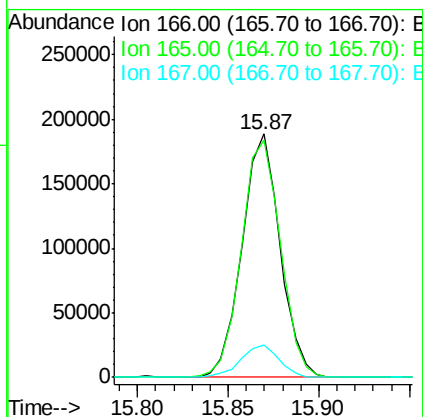
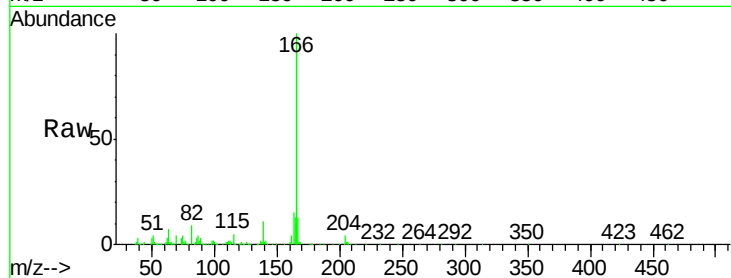
Tgt Ion:166 Resp: 274247

Ion Ratio Lower Upper

166 100

165 97.6 78.5 117.7

167 13.2 10.7 16.1



#59

4-Chlorophenyl-phenylether

Concen: 19.60 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

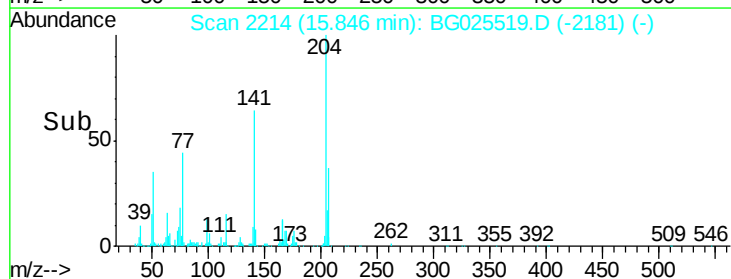
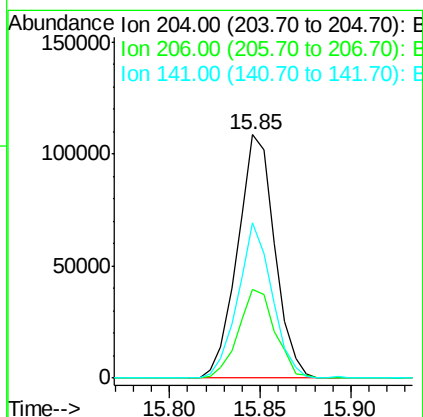
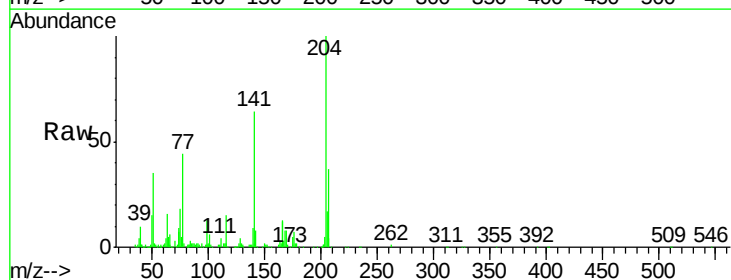
Tgt Ion:204 Resp: 154538

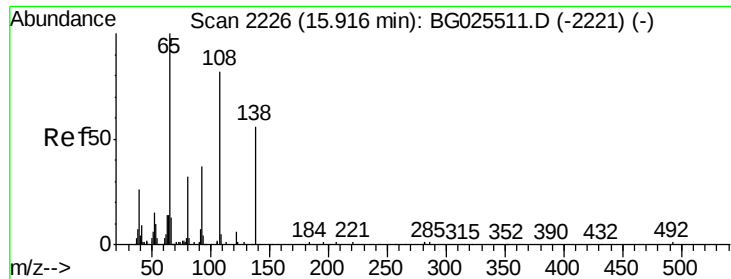
Ion Ratio Lower Upper

204 100

206 36.7 26.2 39.4

141 64.0 54.6 81.8

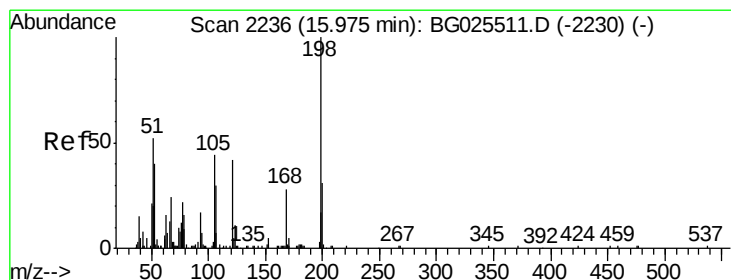
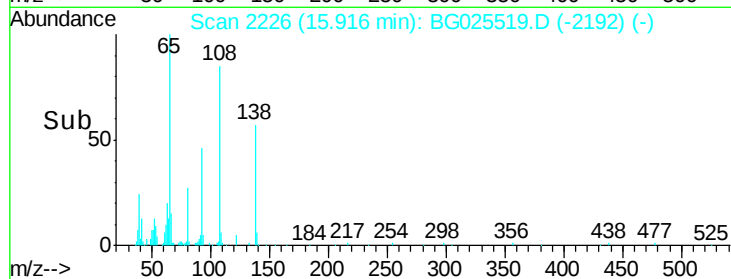
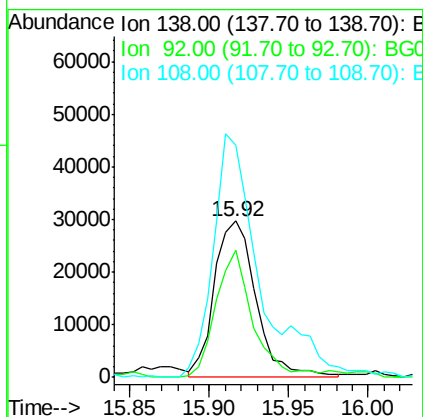
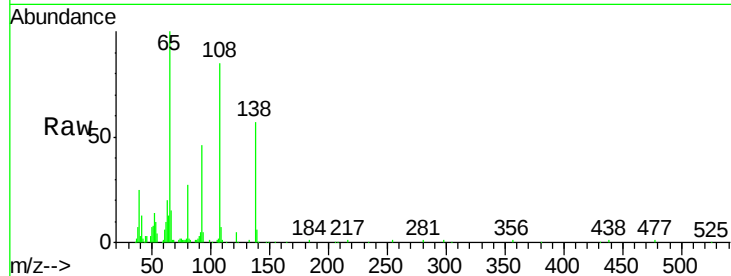




#60
4-Nitroaniline
Concen: 21.41 ng/ul
RT: 15.92 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

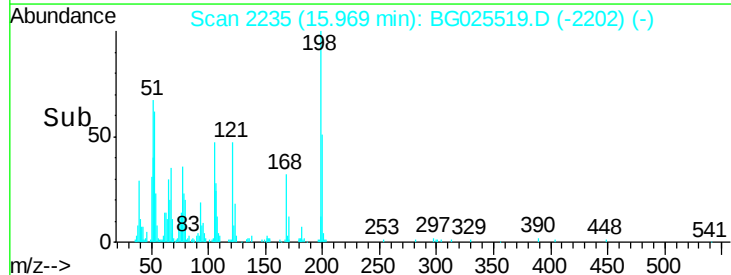
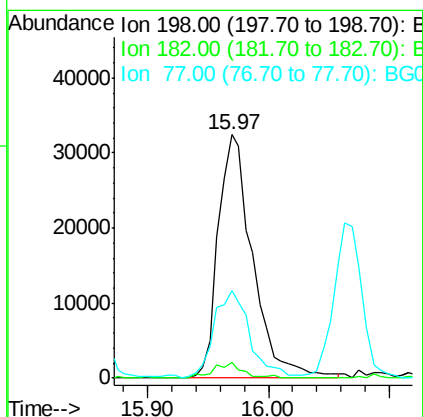
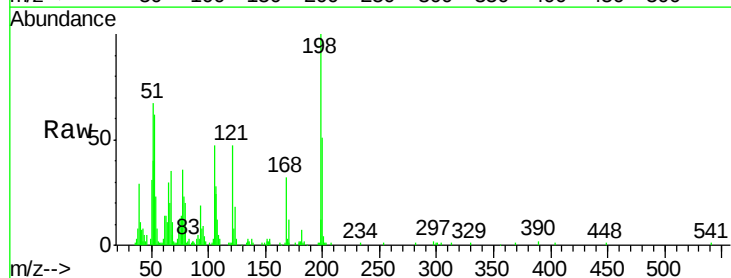
Instrument :
BNA_G
ClientSampleId :
SSTD02002

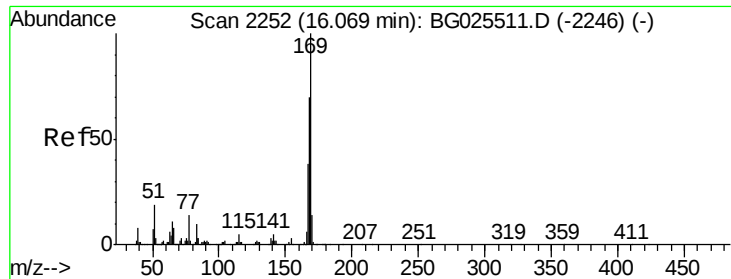
Tgt Ion:138 Resp: 53992
Ion Ratio Lower Upper
138 100
92 81.1 40.6 60.8#
108 148.9 67.0 100.6#



#63
4,6-Dinitro-2-methylphenol
Concen: 19.63 ng/ul
RT: 15.97 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BG025519.D
Acq: 13 Jan 2017 20:18

Tgt Ion:198 Resp: 64050
Ion Ratio Lower Upper
198 100
182 6.7 3.1 4.7#
77 36.0 20.1 30.1#





#64

N-Nitrosodiphenylamine

Concen: 19.98 ng/ul

RT: 16.07 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

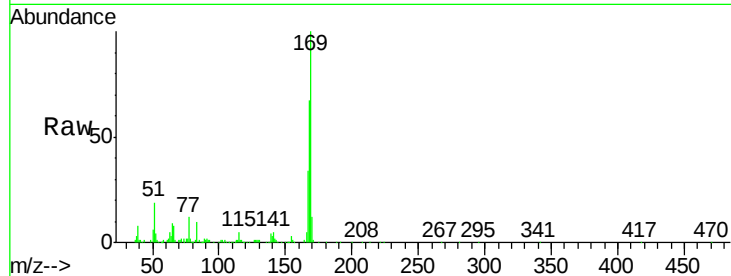
Tgt Ion:169 Resp: 257671

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.8

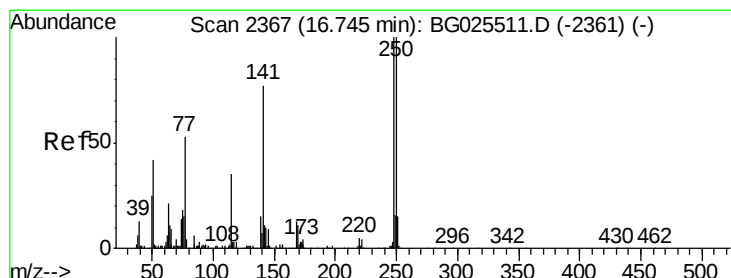
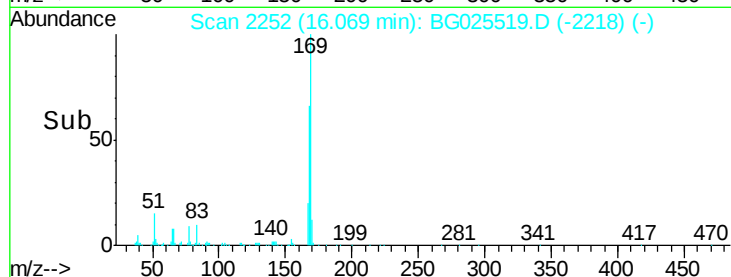
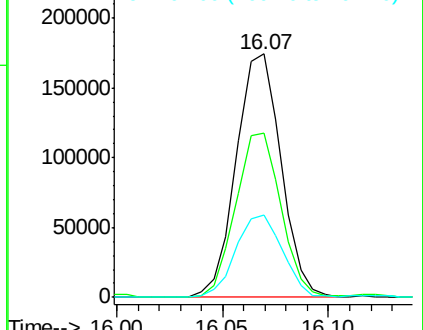
167 33.8 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#65

4-Bromophenyl-phenylether

Concen: 18.79 ng/ul

RT: 16.74 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

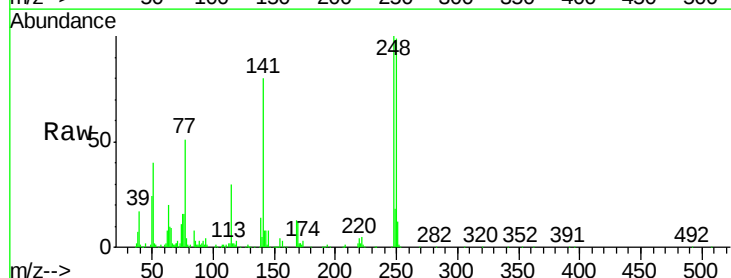
Tgt Ion:248 Resp: 110193

Ion Ratio Lower Upper

248 100

250 98.8 78.7 118.1

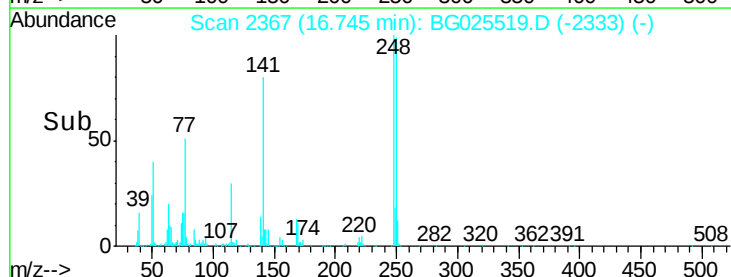
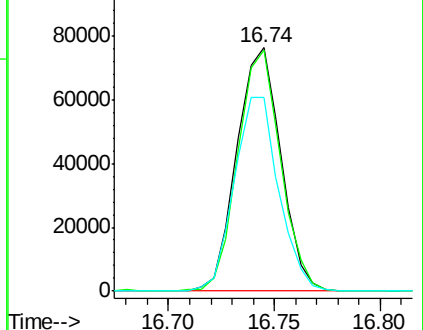
141 79.8 72.2 108.2

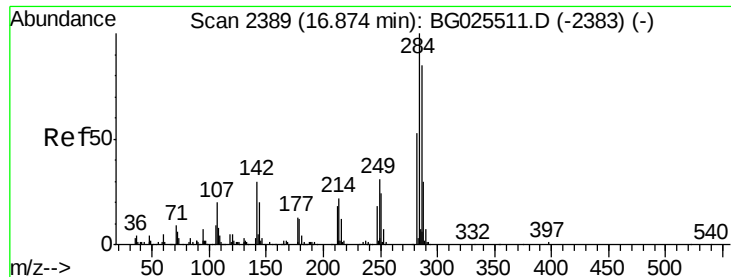


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#66

Hexachlorobenzene

Concen: 19.84 ng/ul

RT: 16.87 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

Instrument :

BNA_G

ClientSampleId :

SSTD02002

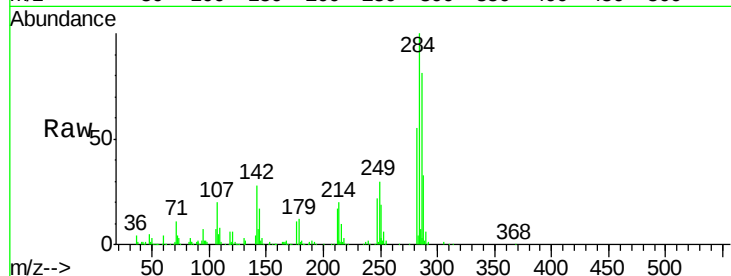
Tgt Ion:284 Resp: 135297

Ion Ratio Lower Upper

284 100

142 28.0 33.1 49.7#

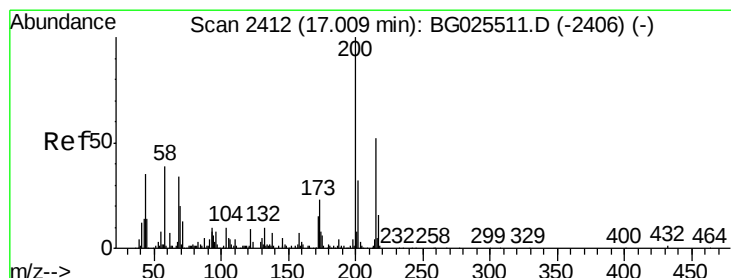
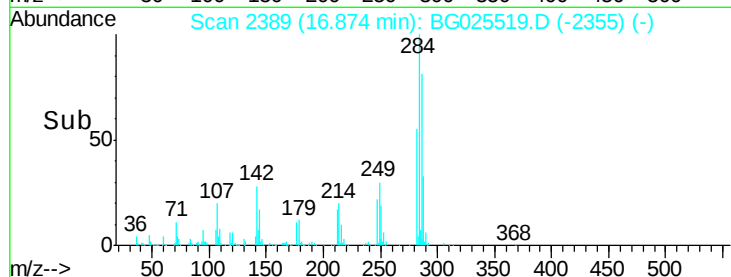
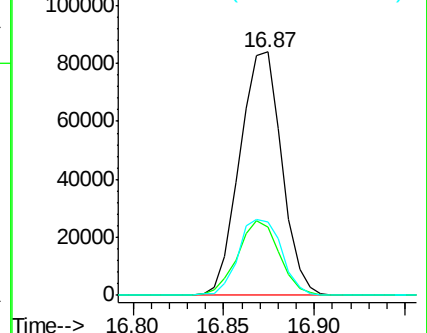
249 29.9 27.1 40.7



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#67

Atrazine

Concen: 19.81 ng/ul

RT: 17.00 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG025519.D

Acq: 13 Jan 2017 20:18

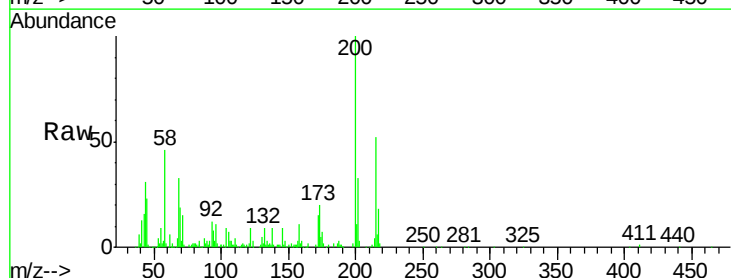
Tgt Ion:200 Resp: 120652

Ion Ratio Lower Upper

200 100

173 20.1 21.6 32.4#

215 52.4 37.0 55.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

