

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025601.D
 Acq On : 24 Jan 2017 10:37
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

Quant Time: Jan 25 00:45:24 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:46:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60404	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	277465	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	253815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	607951	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	744427	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	767161	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	9046	7.49	ng/uL	0.00
5) Phenol-d5	7.34	99	109431	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	76812	22.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	78058	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	94918	21.57	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	42080	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	47877	20.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	99944	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	120175	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	386252	21.55	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	428449	22.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	45194	18.40	ng/ul	0.00
57) Fluorene-d10	15.80	176	352989	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	74681	19.92	ng/ul	0.00
70) Anthracene-d10	17.66	188	557530	21.54	ng/ul	0.00
76) Pyrene-d10	19.93	212	702954	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	680569	21.11	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.55	88	11905	8.35 ng/uL#	90
4) Benzaldehyde	7.32	77	88285	24.76 ng/ul	95
6) Phenol	7.37	94	116887	21.49 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.59	93	87795	22.60 ng/ul	93
10) 2-Chlorophenol	7.74	128	76866	21.25 ng/ul	96
11) 2-Methylphenol	8.63	108	87543	21.61 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.70	45	168923	22.89 ng/ul	96
14) Acetophenone	9.01	105	150219	21.86 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.98	70	94030	22.86 ng/ul#	95
16) 4-Methylphenol	8.96	108	92524	20.83 ng/ul	87
17) Hexachloroethane	9.25	117	34487	20.48 ng/ul#	86
20) Nitrobenzene	9.41	77	137730	21.87 ng/ul	93
21) Isophorone	9.92	82	265170	22.42 ng/ul	96
23) 2-Nitrophenol	10.12	139	53773	22.43 ng/ul	84
24) 2,4-Dimethylphenol	10.16	107	124075	21.47 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.39	93	134889	22.61 ng/ul#	88
27) 2,4-Dichlorophenol	10.66	162	101564	22.59 ng/ul	92
28) Naphthalene	11.06	128	284289	22.19 ng/ul	97
30) 4-Chloroaniline	11.18	127	122775	23.55 ng/ul	95
31) Hexachlorobutadiene	11.31	225	78602	20.01 ng/ul#	80
32) Caprolactam	11.93	113	21700	11.48 ng/ul	90
33) 4-Chloro-3-methylphenol	12.29	107	123100	22.54 ng/ul	99
34) 2-Methylnaphthalene	12.65	142	233818	22.36 ng/ul	97

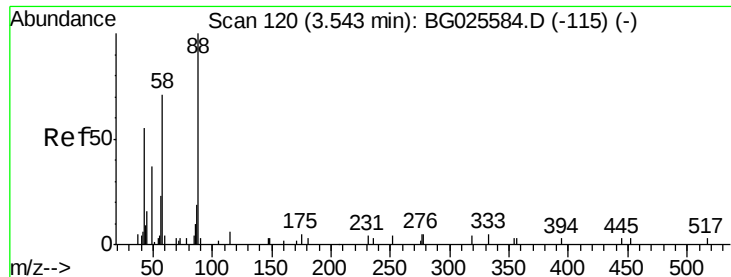
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	162782	21.30	ng/ul	95
37) Hexachlorocyclopentadiene	12.97	237	65781	21.81	ng/ul#	89
38) 2,4,6-Trichlorophenol	13.26	196	89878	19.42	ng/ul	85
39) 2,4,5-Trichlorophenol	13.35	196	99541	20.51	ng/ul	91
40) 1,1'-Biphenyl	13.64	154	331896	21.10	ng/ul	98
41) 2-Chloronaphthalene	13.70	162	255546	20.94	ng/ul	95
42) 2-Nitroaniline	13.91	65	112912	21.33	ng/ul	91
44) Dimethylphthalate	14.25	163	378506	21.48	ng/ul	99
45) 2,6-Dinitrotoluene	14.40	165	82812	22.82	ng/ul#	88
47) Acenaphthylene	14.54	152	408363	21.66	ng/ul	99
48) 3-Nitroaniline	14.74	138	74115	22.58	ng/ul#	97
49) Acenaphthene	14.87	153	280074	20.86	ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	44399	20.82	ng/ul#	81
52) 4-Nitrophenol	15.06	109	64571	18.98	ng/ul#	84
53) Dibenzofuran	15.21	168	443135	21.47	ng/ul	96
54) 2,4-Dinitrotoluene	15.19	165	123152	22.26	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.44	232	106673	20.78	ng/ul#	96
56) Diethylphthalate	15.60	149	400923	21.04	ng/ul	95
58) Fluorene	15.85	166	365172	21.67	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.83	204	200429	21.08	ng/ul	93
60) 4-Nitroaniline	15.90	138	69595	21.90	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.96	198	77984	20.17	ng/ul#	96
64) N-Nitrosodiphenylamine	16.05	169	342558	21.86	ng/ul	93
65) 4-Bromophenyl-phenylether	16.73	248	150896	21.39	ng/ul	93
66) Hexachlorobenzene	16.86	284	167207	20.85	ng/ul	98
67) Atrazine	16.99	200	159790	21.70	ng/ul	94
68) Pentachlorophenol	17.22	266	57595	17.27	ng/ul	96
69) Phenanthrene	17.60	178	644752	21.82	ng/ul	99
71) Anthracene	17.69	178	643700	21.67	ng/ul	99
72) Carbazole	17.97	167	561658	22.79	ng/ul	99
73) Di-n-butylphthalate	18.48	149	703768	22.09	ng/ul	99
74) Fluoranthene	19.60	202	818044	23.45	ng/ul	97
77) Pyrene	19.97	202	817529	22.33	ng/ul#	96
78) Butylbenzylphthalate	20.81	149	315760	22.18	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.73	252	317038	23.21	ng/ul	99
80) Benzo(a)anthracene	21.83	228	855723	21.75	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	444965	22.39	ng/ul	100
82) Chrysene	21.90	228	794684	21.48	ng/ul	98
84) Di-n-octyl phthalate	22.92	149	758713	23.04	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	868821	21.88	ng/ul	100
86) Benzo(k)fluoranthene	24.22	252	780823	20.96	ng/ul	98
88) Benzo(a)pyrene	25.08	252	808579	21.53	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.15	276	903104	18.99	ng/ul	97
90) Dibenzo(a,h)anthracene	29.19	278	774962	19.56	ng/ul	95
91) Benzo(g,h,i)perylene	30.38	276	754176	19.31	ng/ul	100

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



#2

1,4-Dioxane

Concen: 8.35 ng/uL

RT: 3.55 min Scan# 121

Delta R.T. 0.01 min

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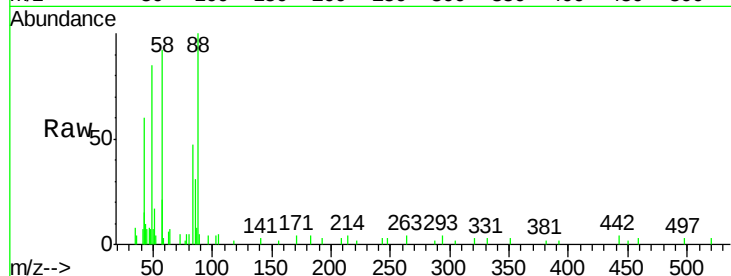
Tgt Ion: 88 Resp: 11905

Ion Ratio Lower Upper

88 100

43 59.7 39.2 58.8#

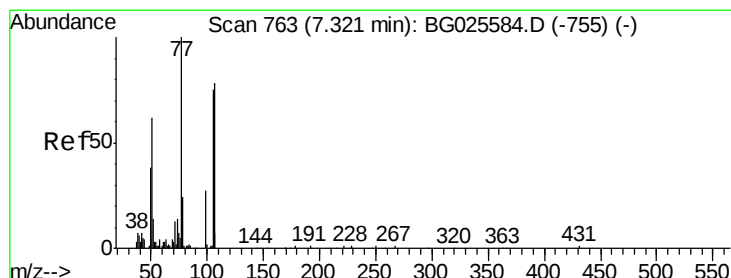
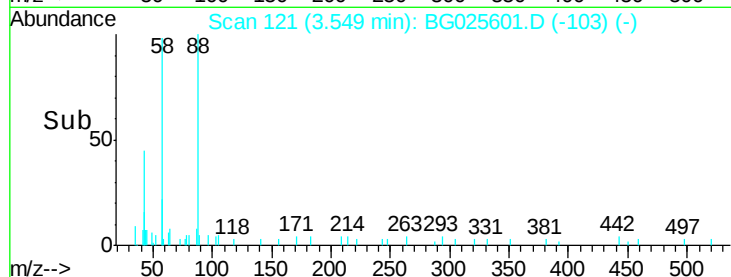
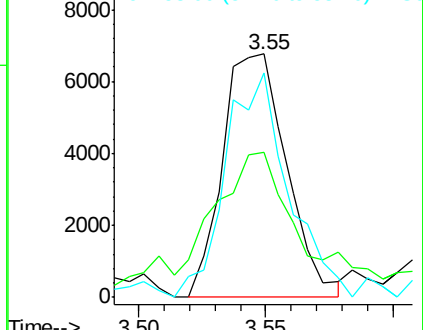
58 92.3 69.4 104.0



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: 24.76 ng/uL

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

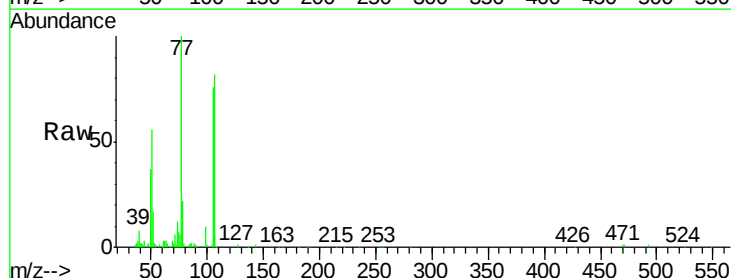
Tgt Ion: 77 Resp: 88285

Ion Ratio Lower Upper

77 100

105 75.8 62.0 93.0

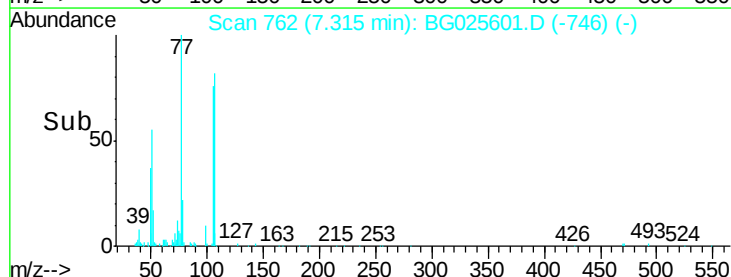
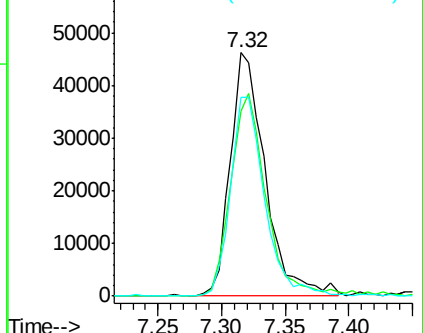
106 81.8 60.2 90.4

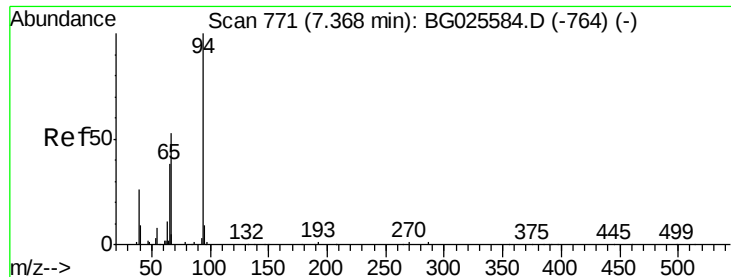


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 21.49 ng/ul

RT: 7.37 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

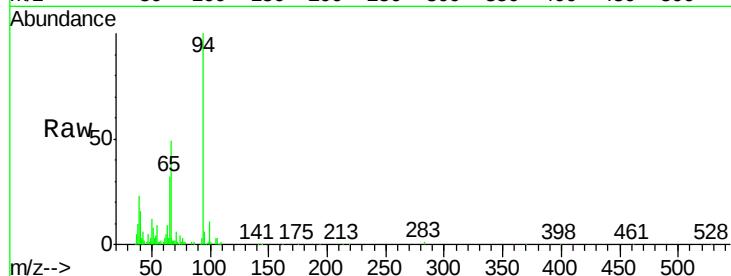
Tgt Ion: 94 Resp: 116887

Ion Ratio Lower Upper

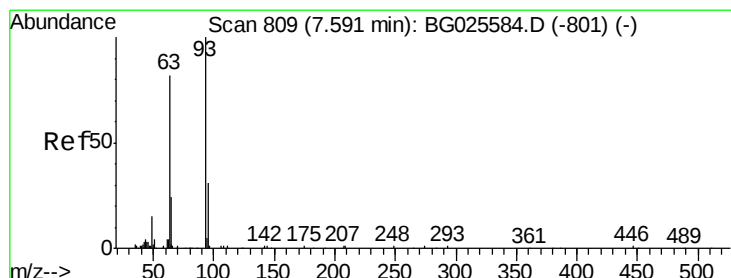
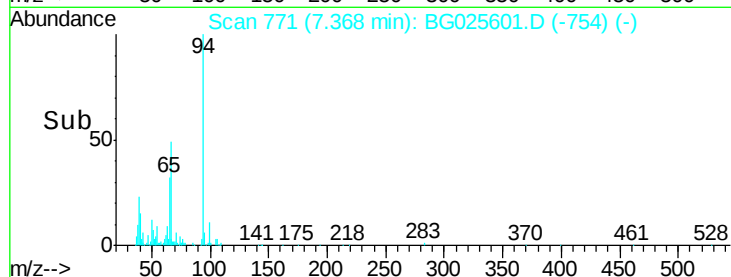
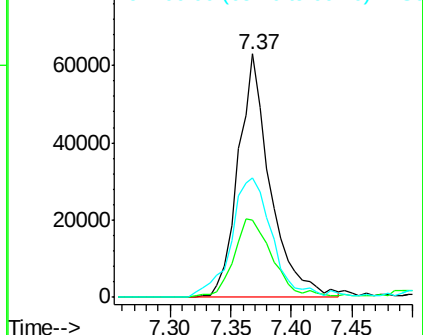
94 100

65 31.8 26.8 40.2

66 49.1 44.4 66.6



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: 22.60 ng/ul

RT: 7.59 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

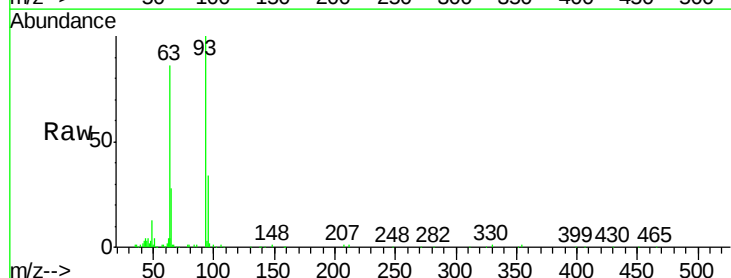
Tgt Ion: 93 Resp: 87795

Ion Ratio Lower Upper

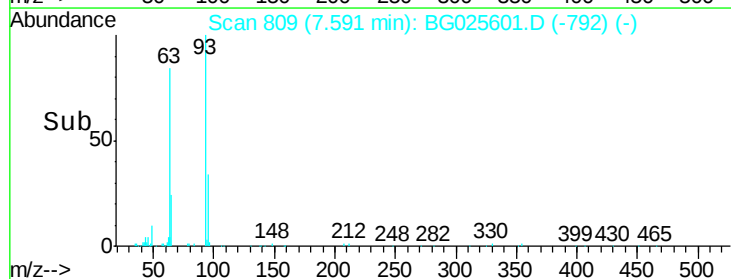
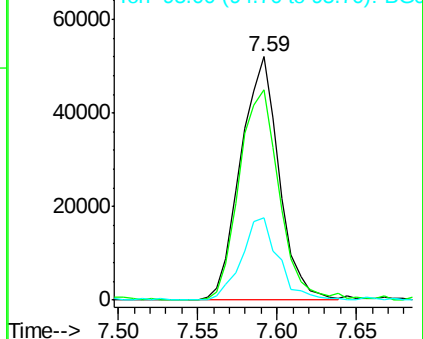
93 100

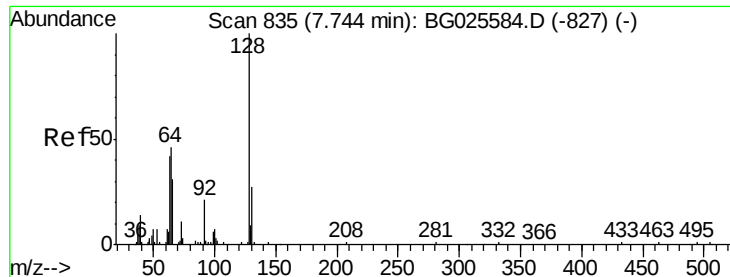
63 86.3 75.5 113.3

95 33.6 29.2 43.8



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

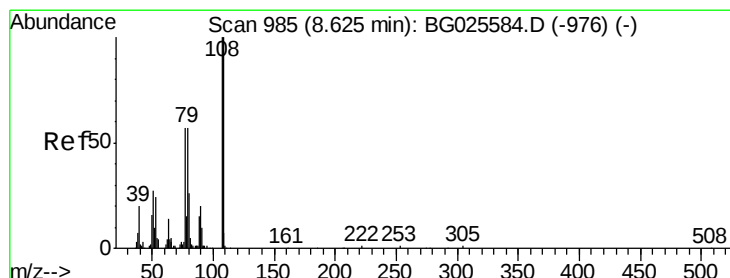
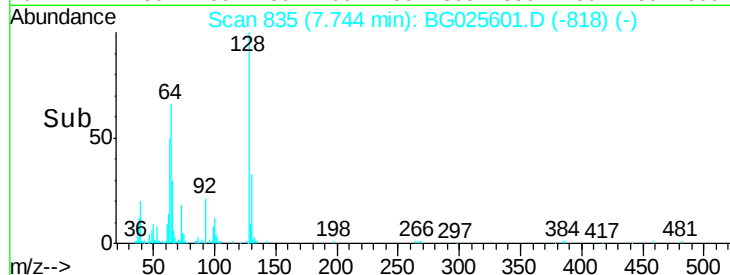
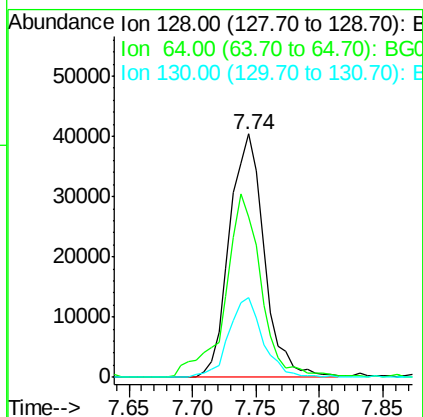
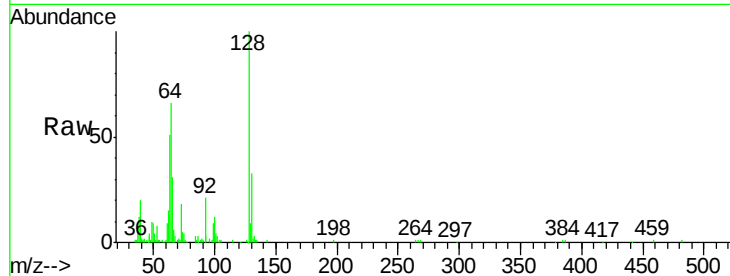




#10
2-Chlorophenol
Concen: 21.25 ng/ul
RT: 7.74 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

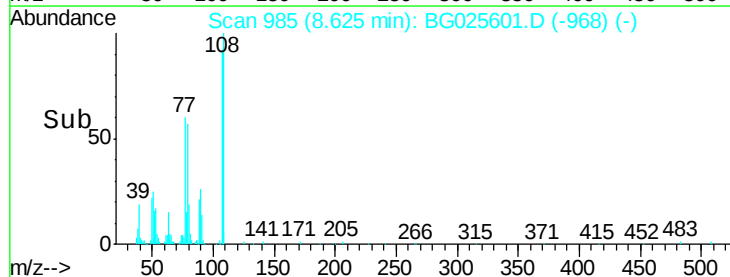
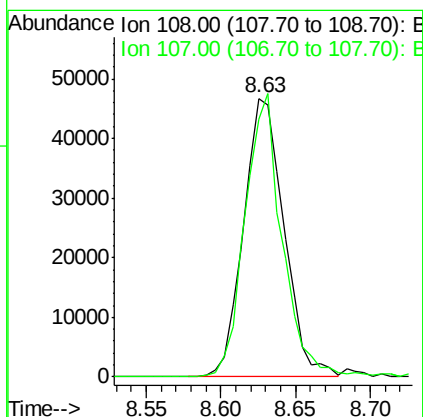
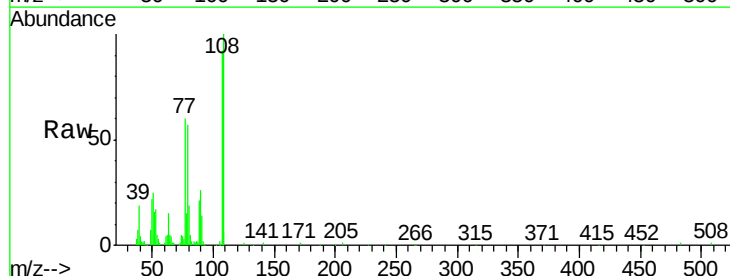
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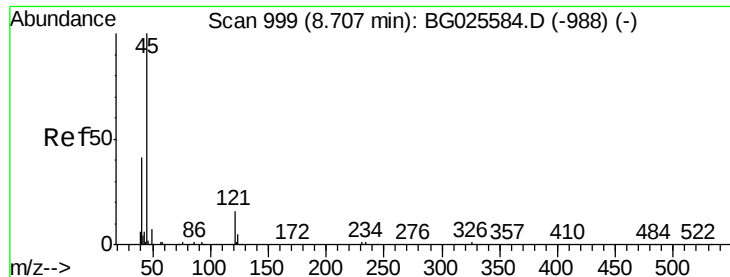
Tgt Ion:128 Resp: 76866
Ion Ratio Lower Upper
128 100
64 65.9 56.3 84.5
130 32.8 26.7 40.1



#11
2-Methylphenol
Concen: 21.61 ng/ul
RT: 8.63 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

Tgt Ion:108 Resp: 87543
Ion Ratio Lower Upper
108 100
107 92.3 76.7 115.1





#12

2,2'-oxybis(1-chloropropane)

Concen: 22.89 ng/ul

RT: 8.70 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

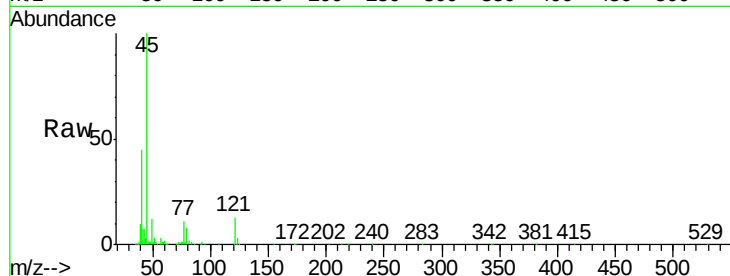
Tgt Ion: 45 Resp: 168923

Ion Ratio Lower Upper

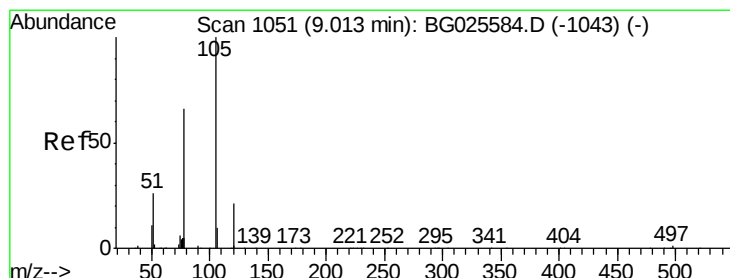
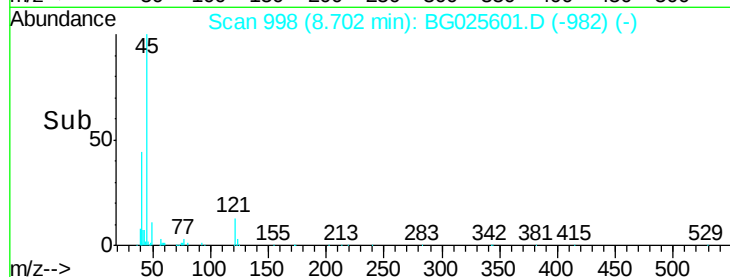
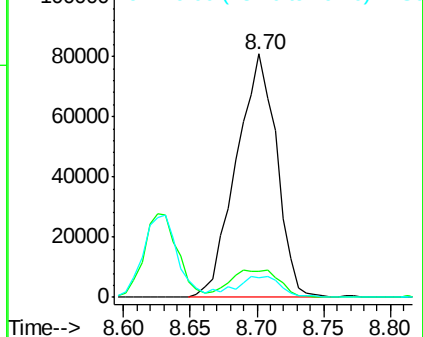
45 100

77 10.5 10.0 15.0

79 8.0 7.3 10.9



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



#14

Acetophenone

Concen: 21.86 ng/ul

RT: 9.01 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

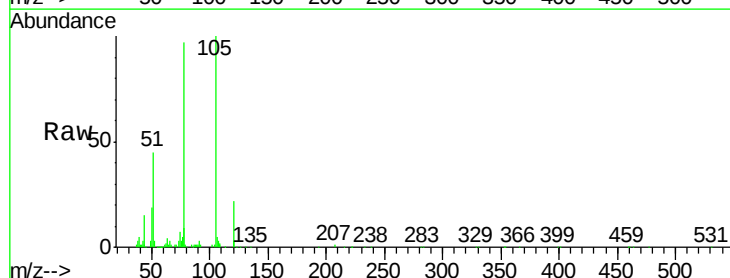
Tgt Ion: 105 Resp: 150219

Ion Ratio Lower Upper

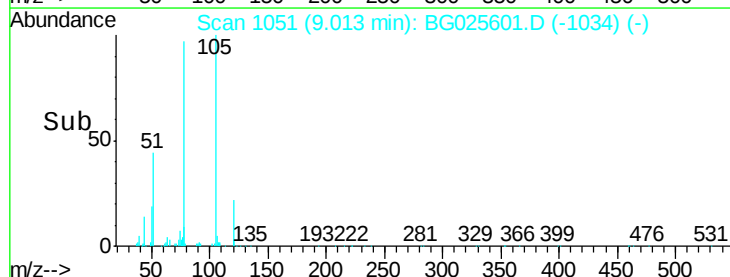
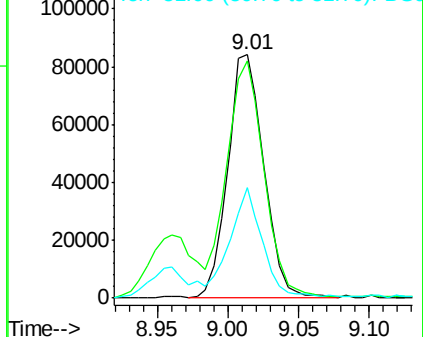
105 100

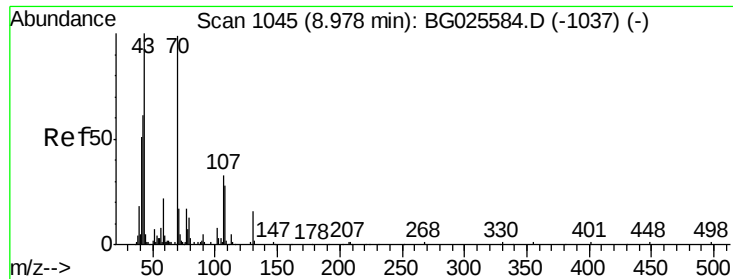
77 97.2 76.0 114.0

51 45.5 34.8 52.2



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

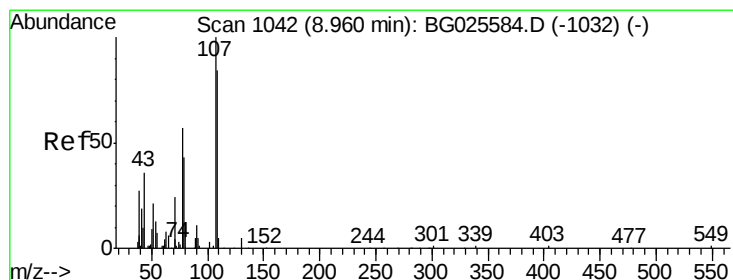
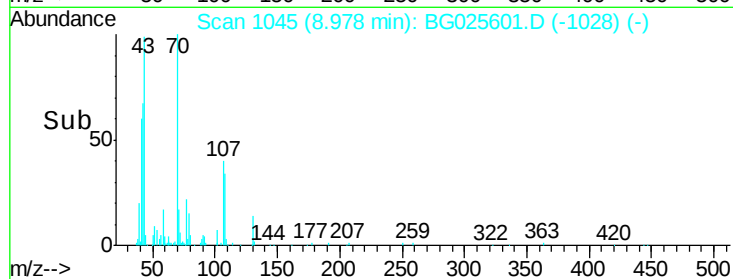
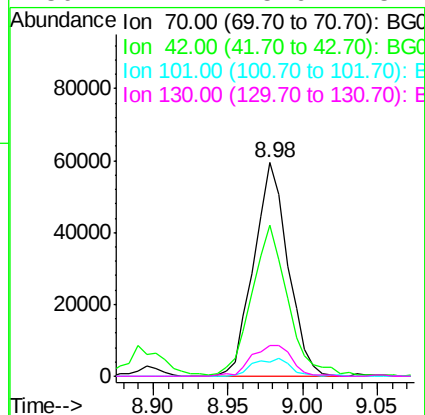
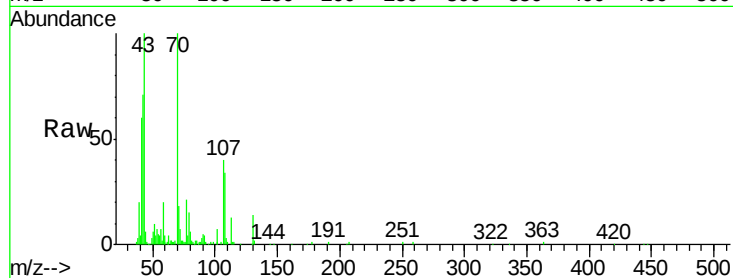




#15
 N-Nitroso-di-n-propylamine
 Concen: 22.86 ng/ul
 RT: 8.98 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

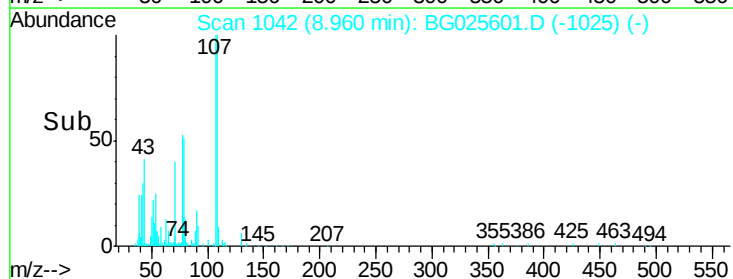
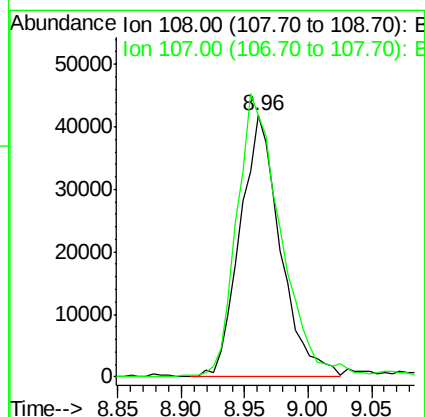
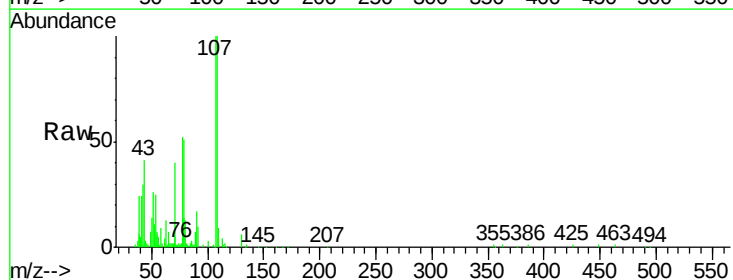
Instrument :
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 ClientSampleId :
 SST02014

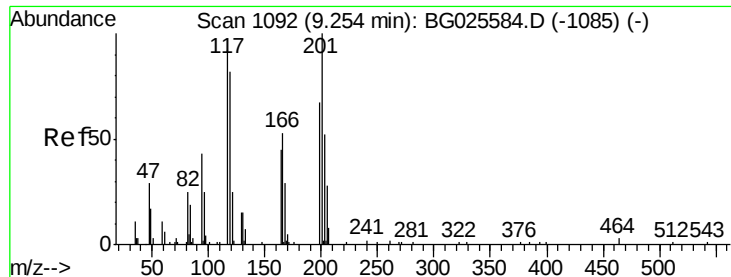
Tgt Ion: 70 Resp: 94030
 Ion Ratio Lower Upper
 70 100
 42 70.7 59.0 88.6
 101 6.7 6.6 9.8
 130 14.1 15.6 23.4#



#16
 4-Methylphenol
 Concen: 20.83 ng/ul
 RT: 8.96 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion: 108 Resp: 92524
 Ion Ratio Lower Upper
 108 100
 107 100.2 91.7 137.5





#17

Hexachloroethane

Concen: 20.48 ng/ul

RT: 9.25 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

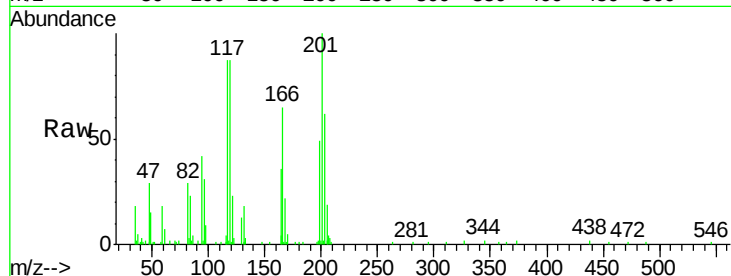
Tgt Ion:117 Resp: 34487

Ion Ratio Lower Upper

117 100

201 112.1 91.9 137.9

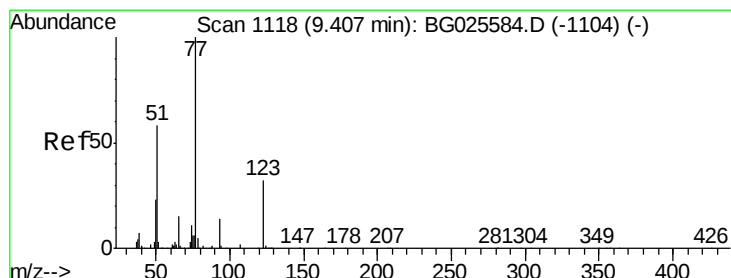
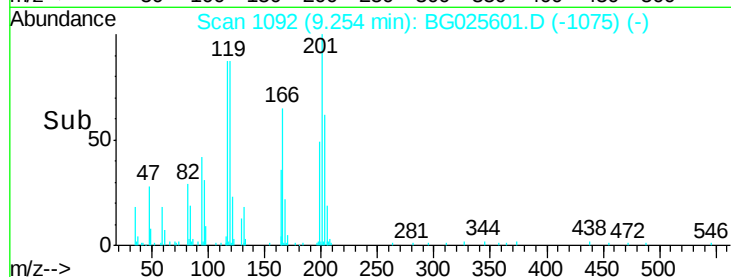
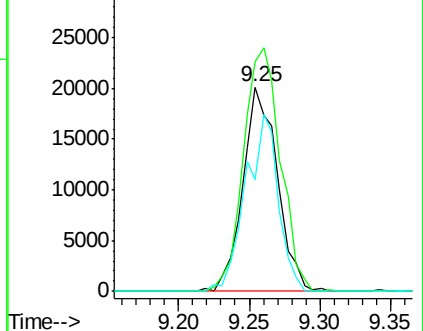
199 54.5 64.3 96.5#



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: 21.87 ng/ul

RT: 9.41 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

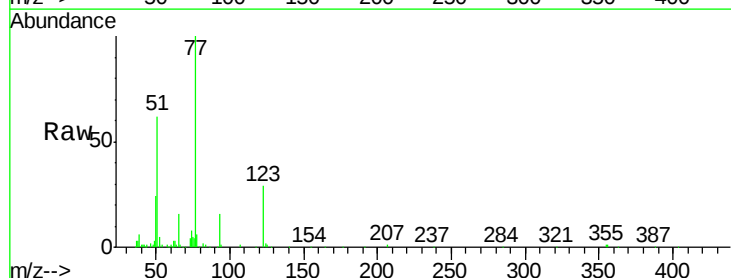
Tgt Ion: 77 Resp: 137730

Ion Ratio Lower Upper

77 100

123 28.5 27.4 41.0

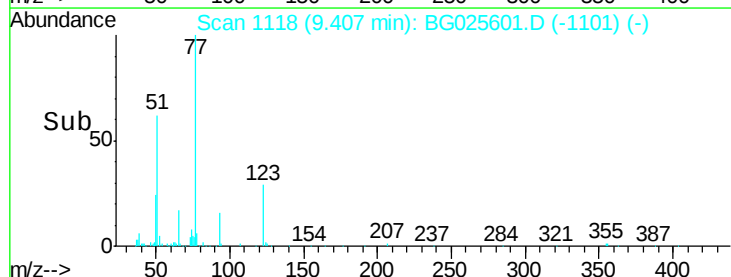
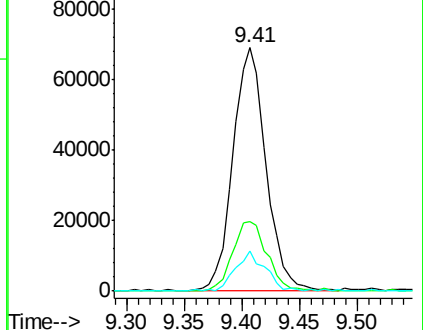
65 16.5 13.3 19.9

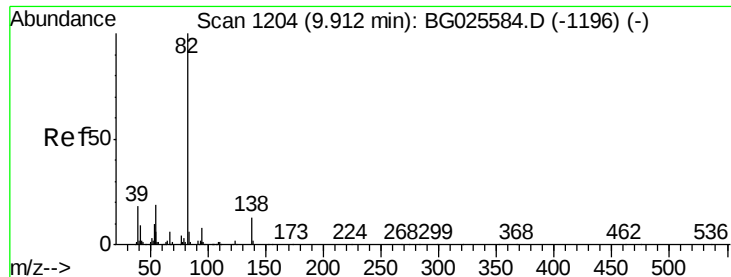


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 22.42 ng/ul

RT: 9.92 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

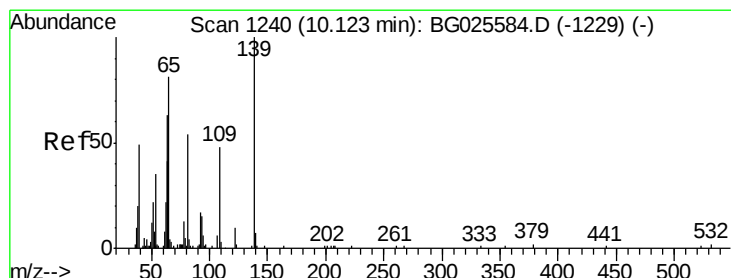
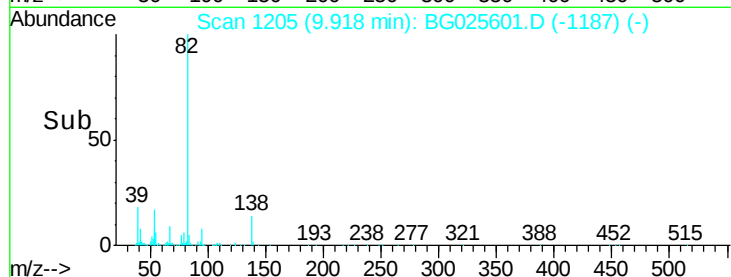
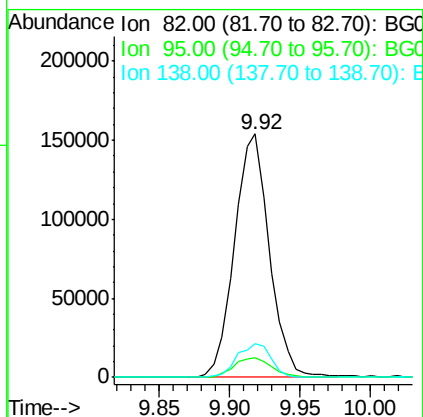
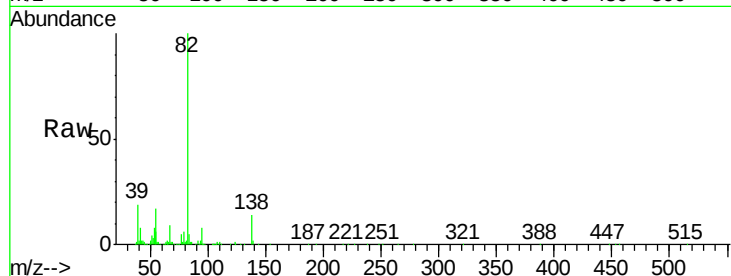
Tgt Ion: 82 Resp: 265170

Ion Ratio Lower Upper

82 100

95 8.3 7.8 11.6

138 13.7 12.2 18.2



#23

2-Nitrophenol

Concen: 22.43 ng/ul

RT: 10.12 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

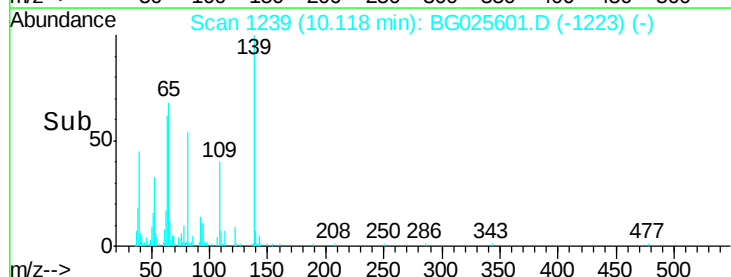
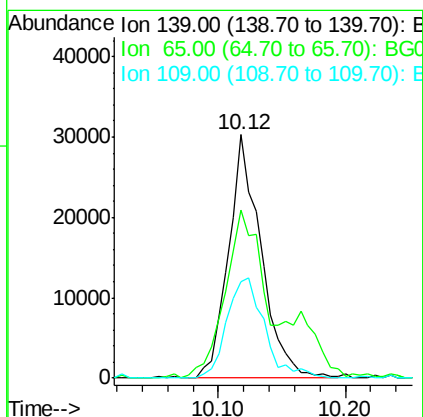
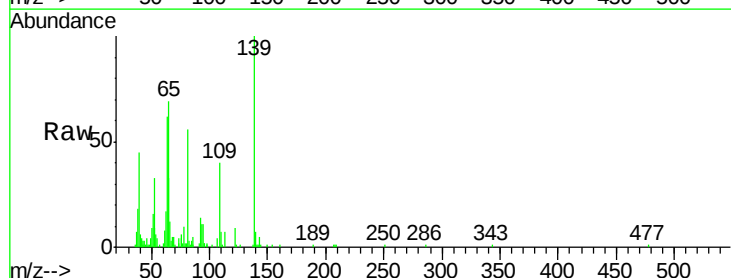
Tgt Ion: 139 Resp: 53773

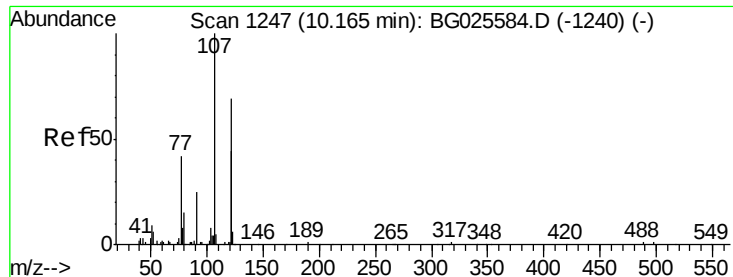
Ion Ratio Lower Upper

139 100

65 68.8 67.0 100.6

109 39.7 39.6 59.4

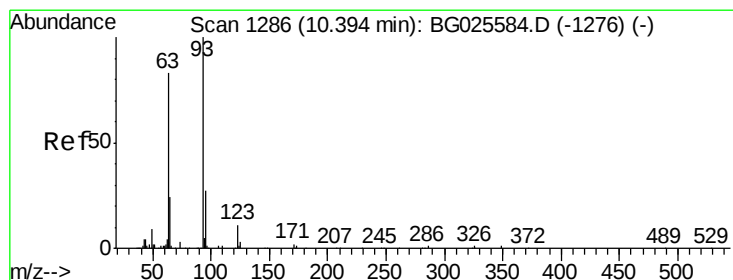
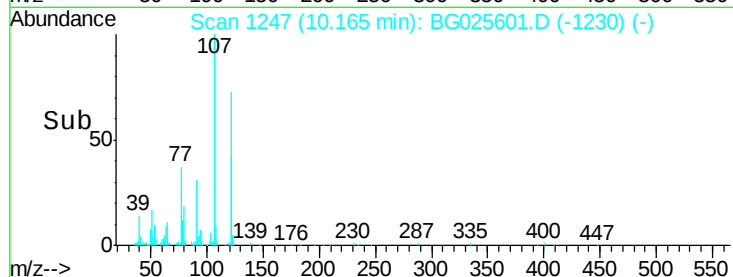
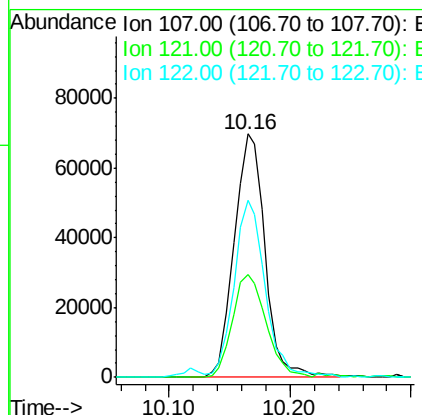
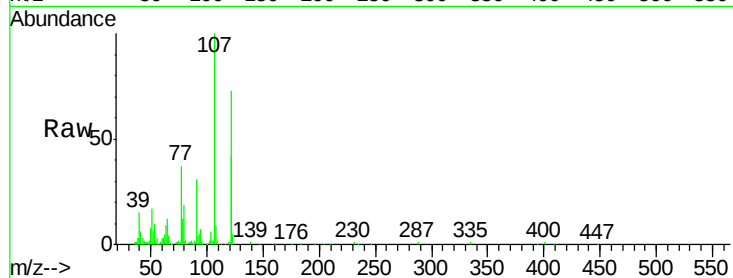




#24
 2,4-Dimethylphenol
 Concen: 21.47 ng/ul
 RT: 10.16 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

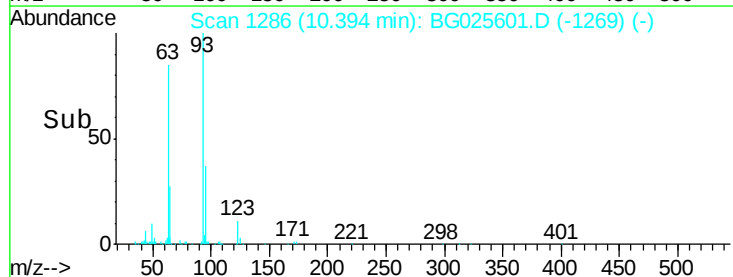
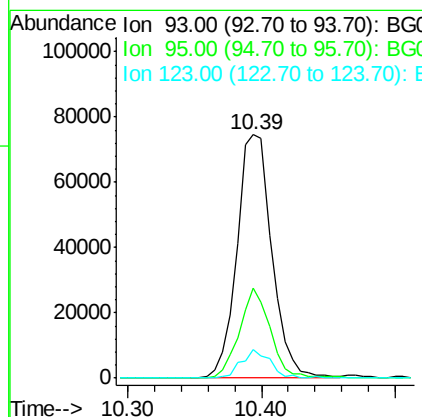
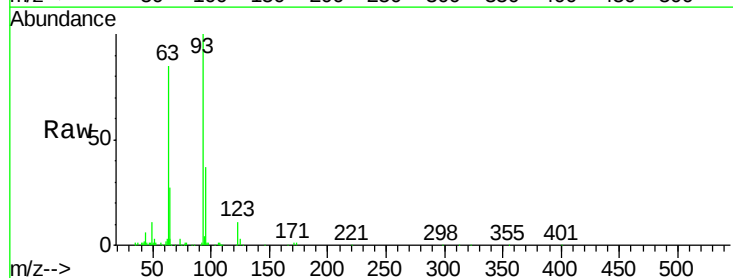
Instrument :
 BNA_G
 ClientSampleId :
 SST02014

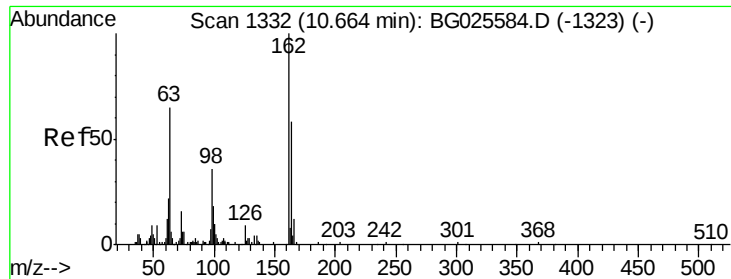
Tgt Ion	Ratio	Lower	Upper
107	100		
121	42.1	32.3	48.5
122	72.8	61.2	91.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 22.61 ng/ul
 RT: 10.39 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	37.0	23.4	35.0#
123	11.5	7.8	11.6

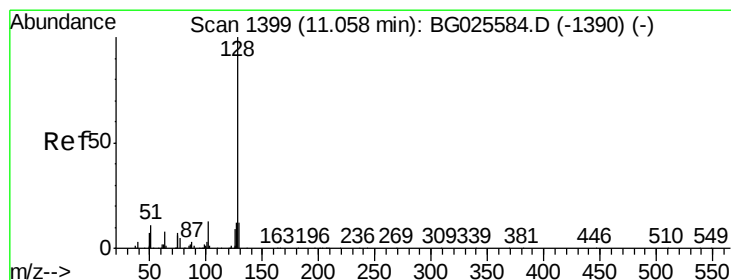
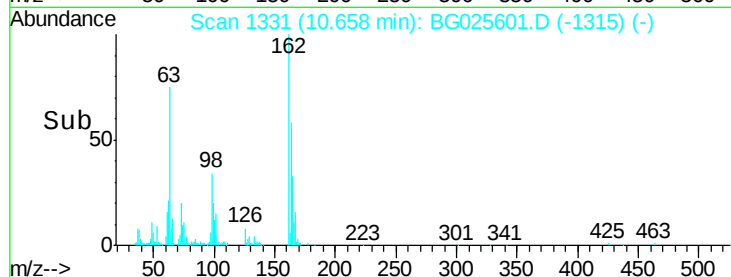
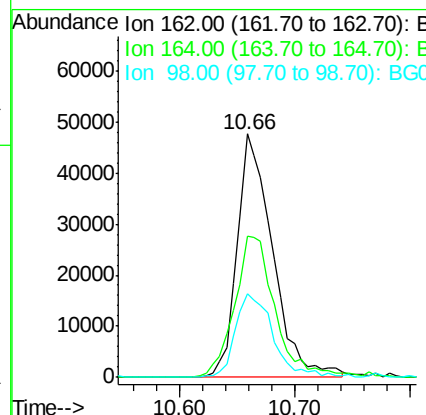
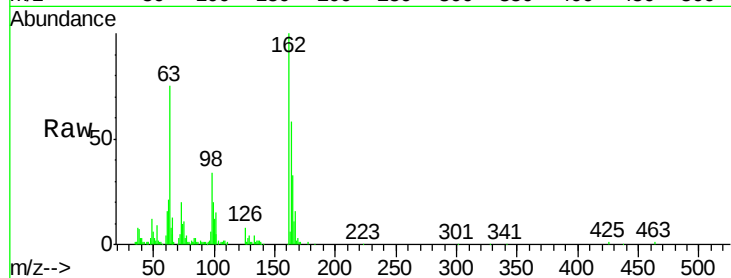




#27
 2,4-Dichlorophenol
 Concen: 22.59 ng/ul
 RT: 10.66 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

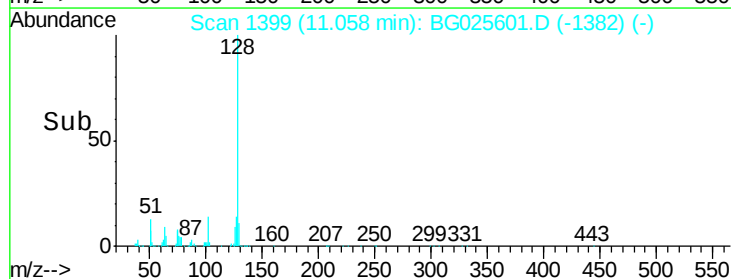
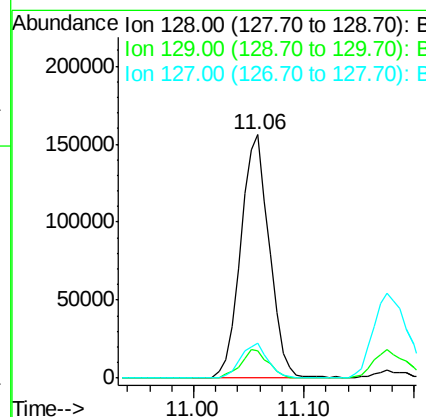
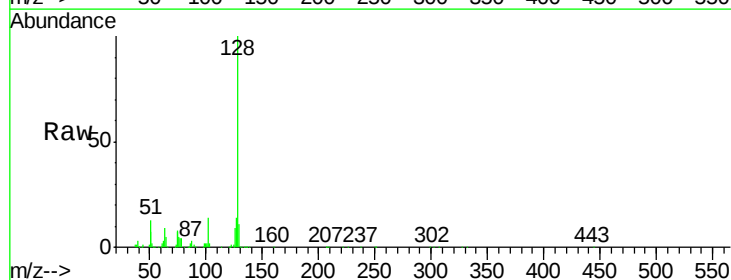
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

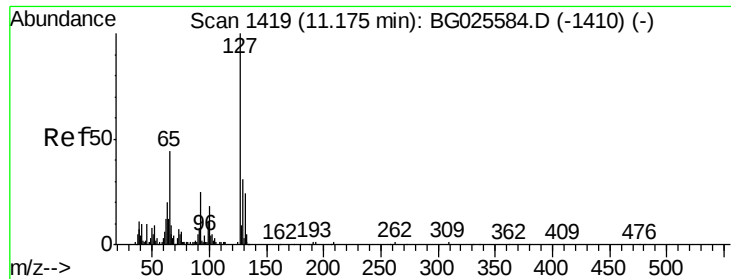
Tgt Ion	Ratio	Lower	Upper
162	100		
164	58.3	50.8	76.2
98	34.4	32.1	48.1



#28
 Naphthalene
 Concen: 22.19 ng/ul
 RT: 11.06 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	14.4	10.3	15.5

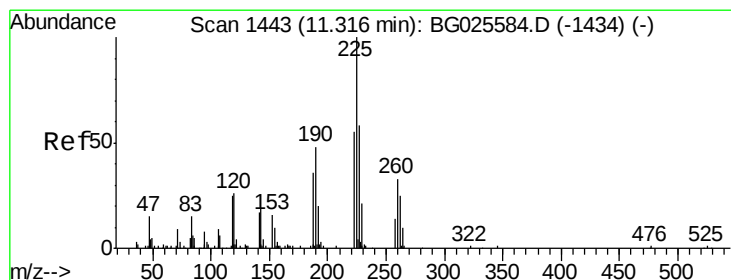
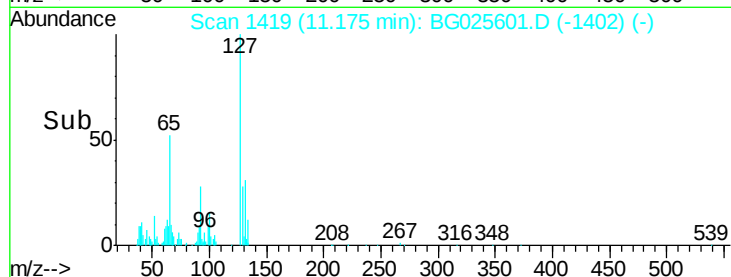
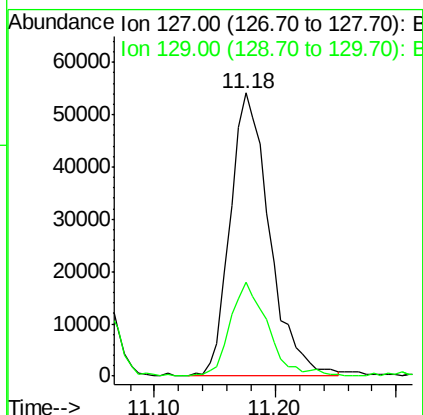
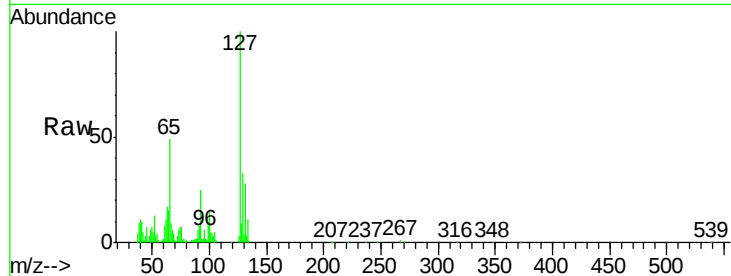




#30
 4-Chloroaniline
 Concen: 23.55 ng/ul
 RT: 11.18 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

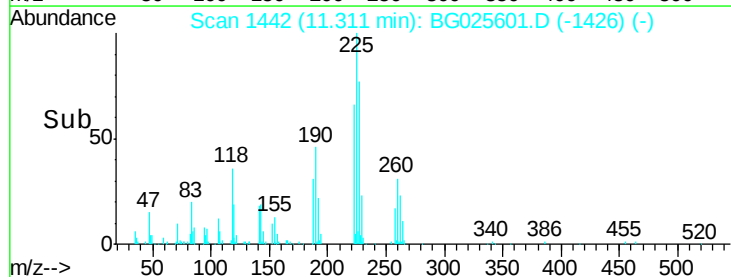
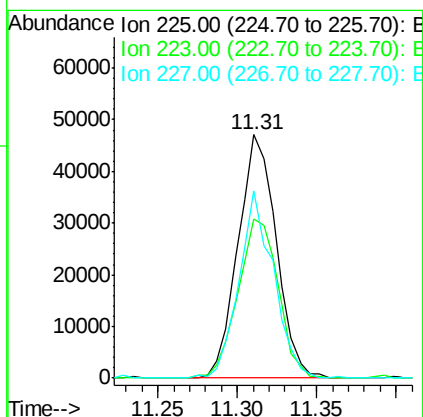
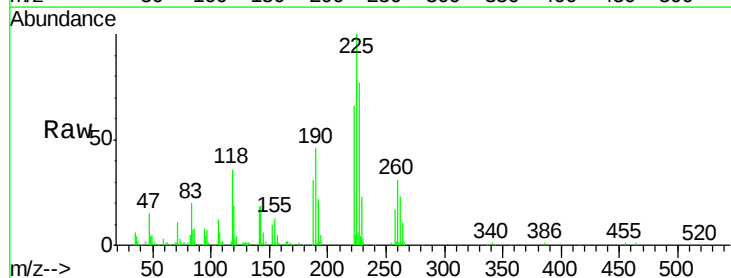
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

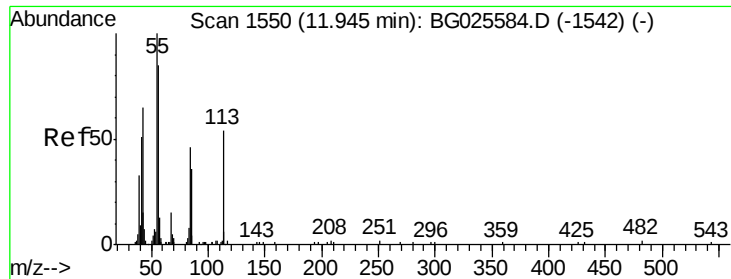
Tgt Ion:127 Resp: 122775
 Ion Ratio Lower Upper
 127 100
 129 33.2 28.9 43.3



#31
 Hexachlorobutadiene
 Concen: 20.01 ng/ul
 RT: 11.31 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion:225 Resp: 78602
 Ion Ratio Lower Upper
 225 100
 223 65.5 45.9 68.9
 227 76.8 44.7 67.1#

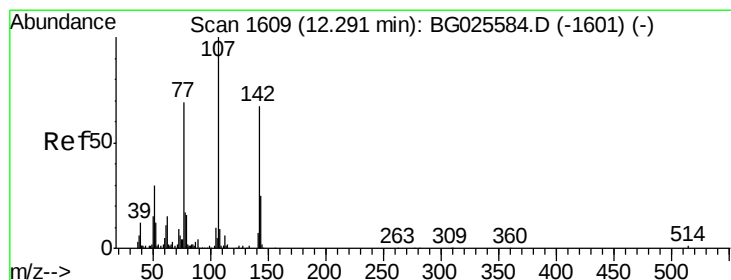
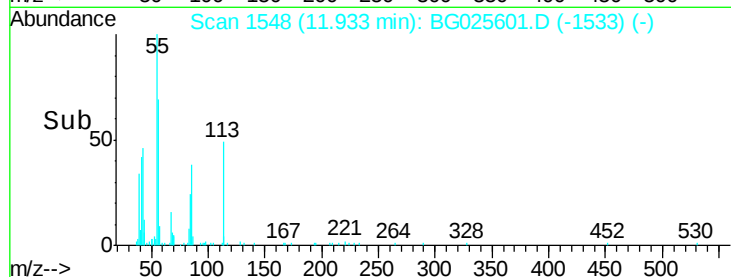
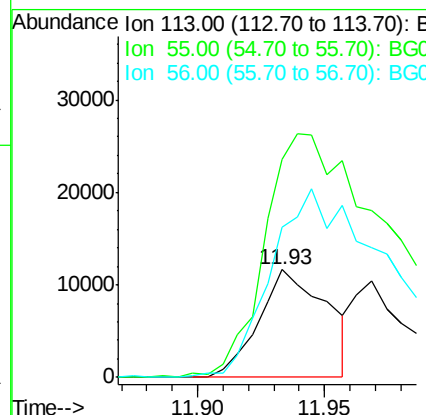
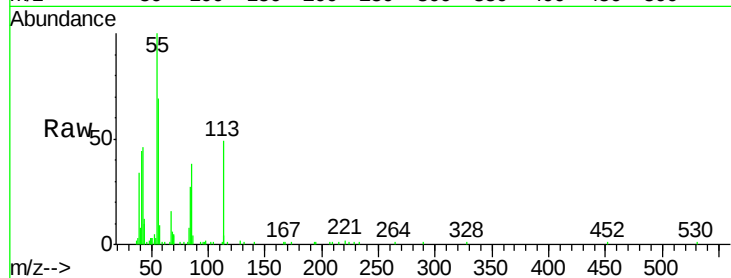




#32
 Caprolactam
 Concen: 11.48 ng/ul
 RT: 11.93 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

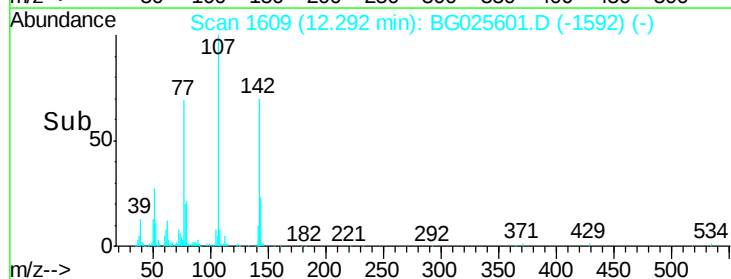
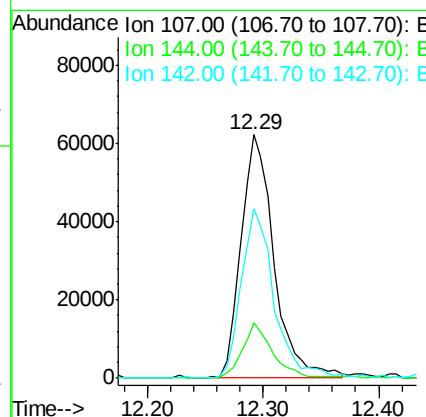
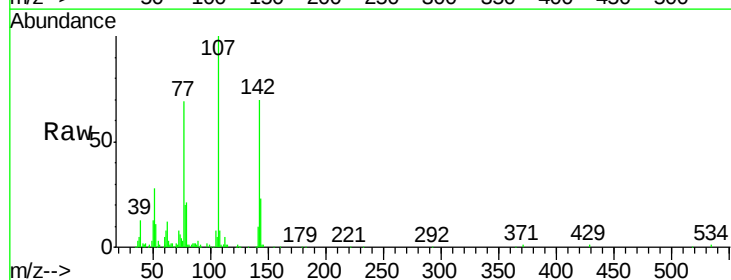
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

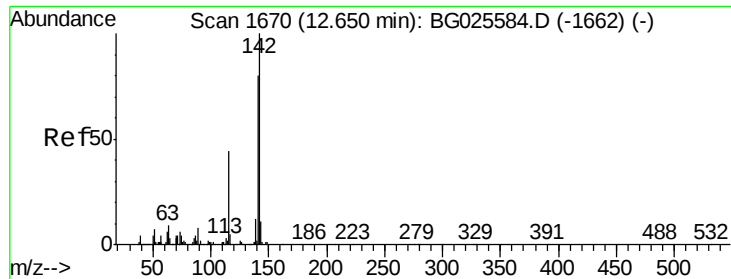
Tgt Ion:113 Resp: 21700
 Ion Ratio Lower Upper
 113 100
 55 203.1 168.6 252.8
 56 139.5 128.5 192.7



#33
 4-Chloro-3-methylphenol
 Concen: 22.54 ng/ul
 RT: 12.29 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion:107 Resp: 123100
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.2 27.4
 142 69.6 55.0 82.4

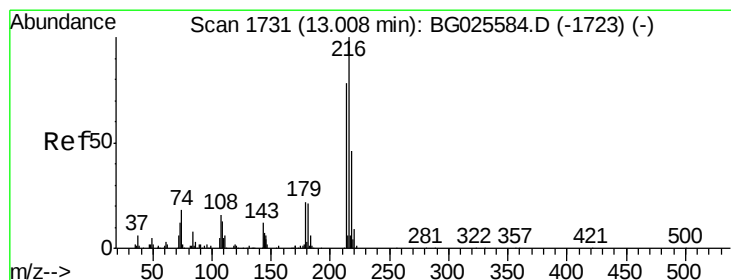
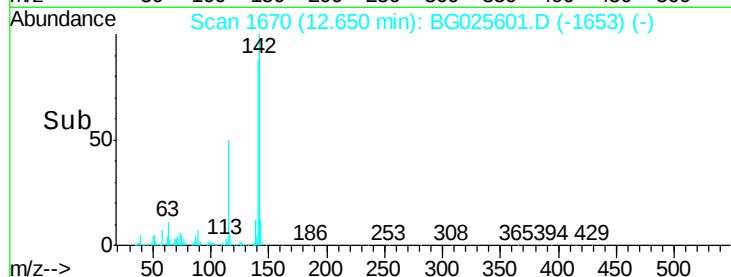
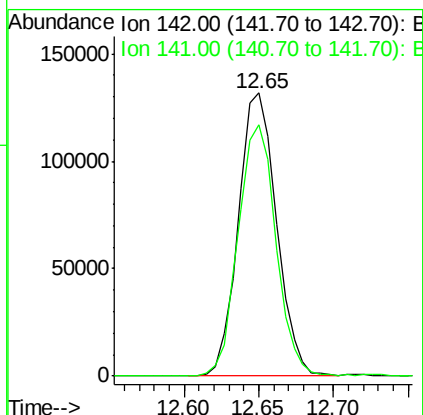
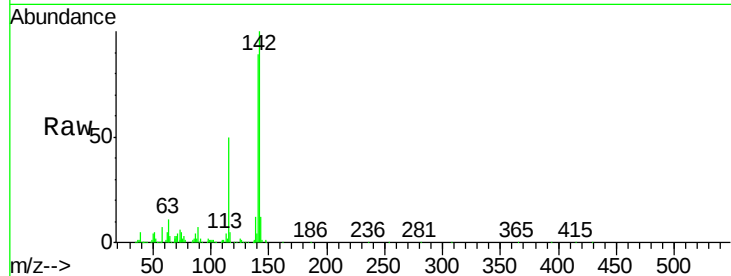




#34
 2-Methylnaphthalene
 Concen: 22.36 ng/ul
 RT: 12.65 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

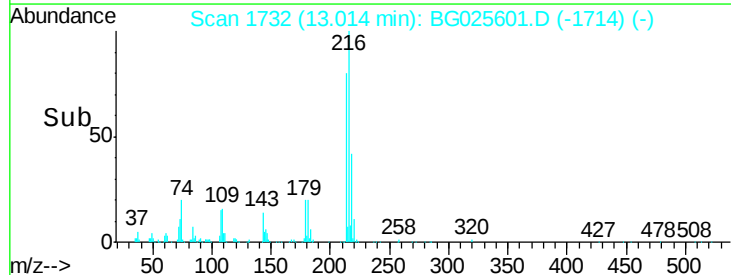
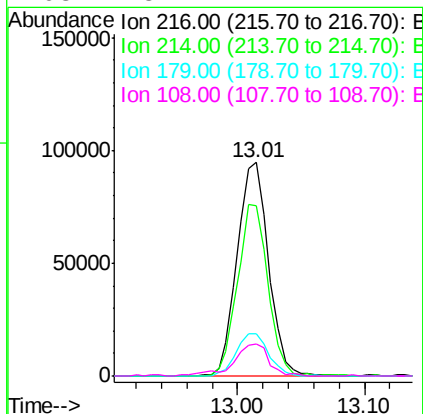
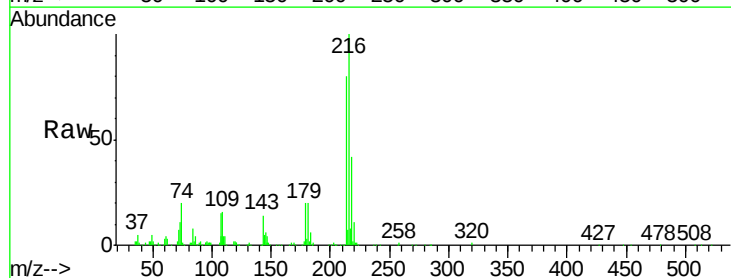
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

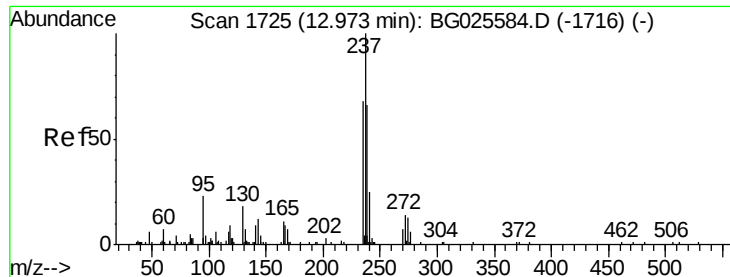
Tgt Ion:142 Resp: 233818
 Ion Ratio Lower Upper
 142 100
 141 88.6 68.6 102.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.30 ng/ul
 RT: 13.01 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion:216 Resp: 162782
 Ion Ratio Lower Upper
 216 100
 214 79.7 67.0 100.6
 179 19.8 18.1 27.1
 108 15.1 14.1 21.1





#37

Hexachlorocyclopentadiene

Concen: 21.81 ng/ul

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

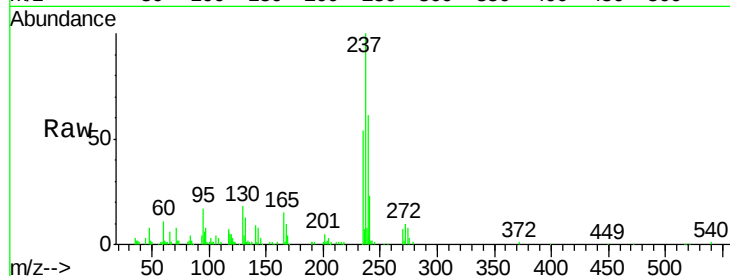
Tgt Ion:237 Resp: 65781

Ion Ratio Lower Upper

237 100

235 53.8 50.2 75.4

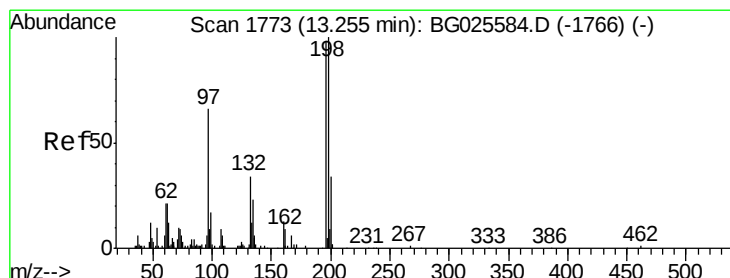
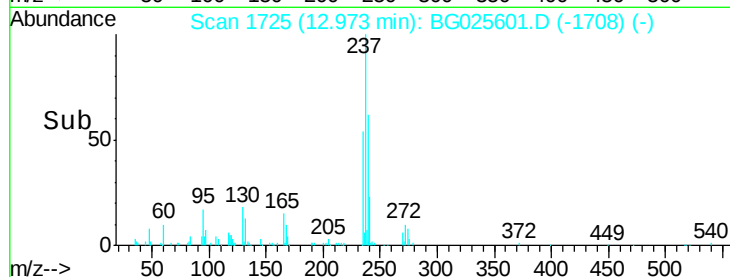
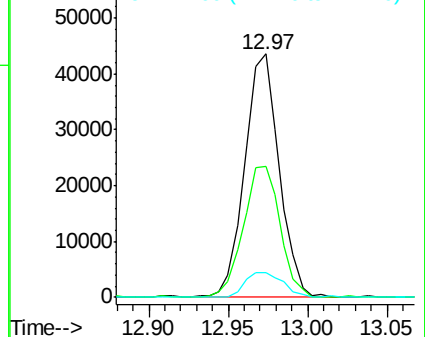
272 10.0 10.6 16.0#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 19.42 ng/ul

RT: 13.26 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

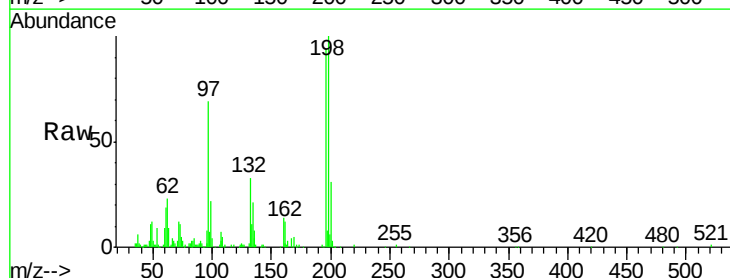
Tgt Ion:196 Resp: 89878

Ion Ratio Lower Upper

196 100

198 106.7 71.4 107.2

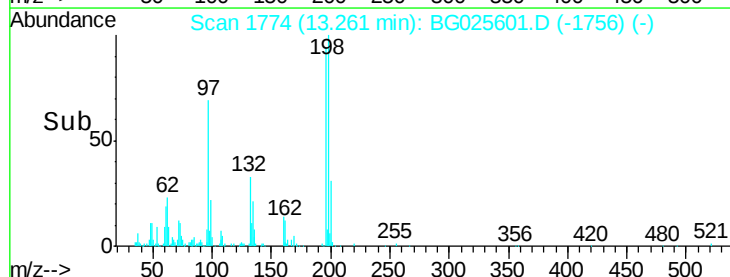
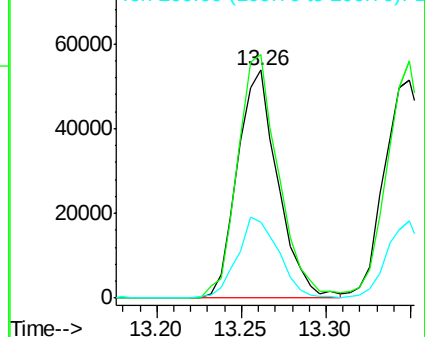
200 33.2 24.6 37.0

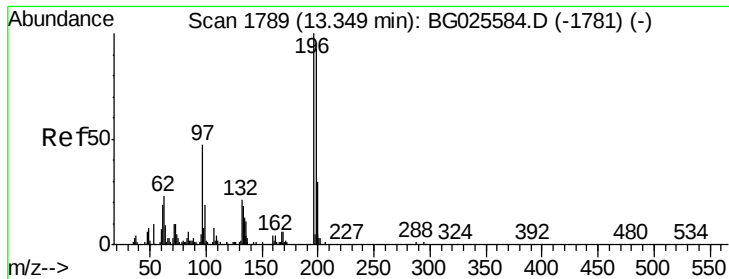


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

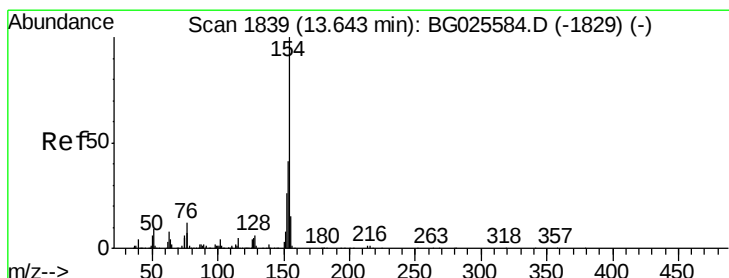
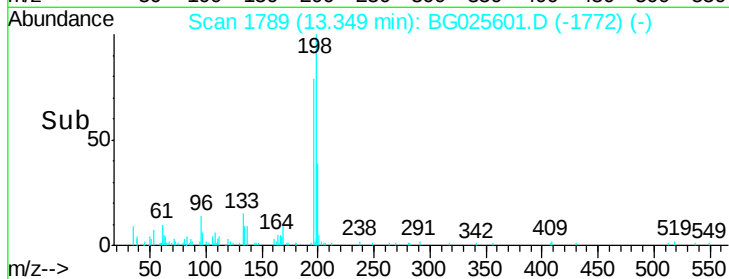
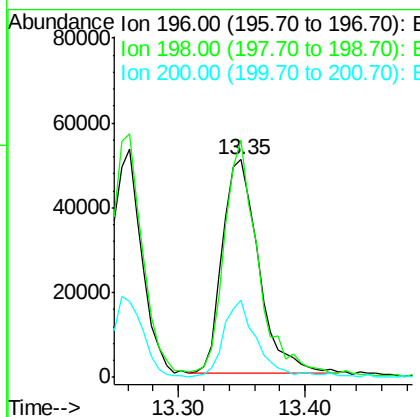
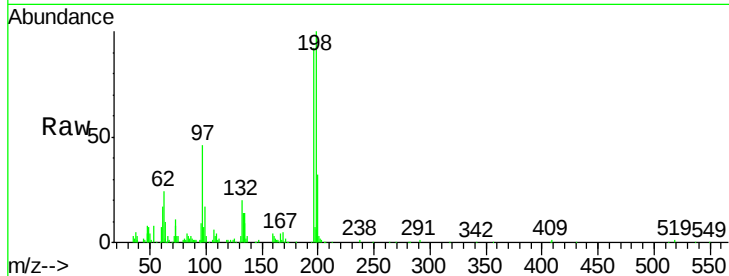




#39
 2,4,5-Trichlorophenol
 Concen: 20.51 ng/ul
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

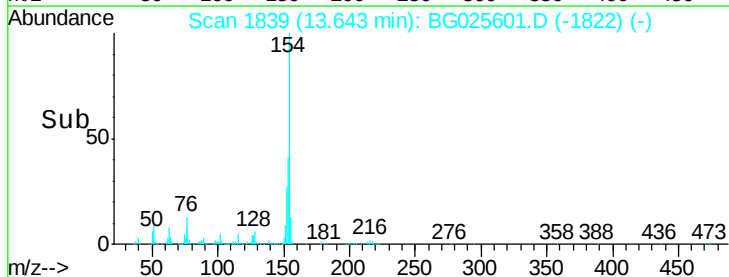
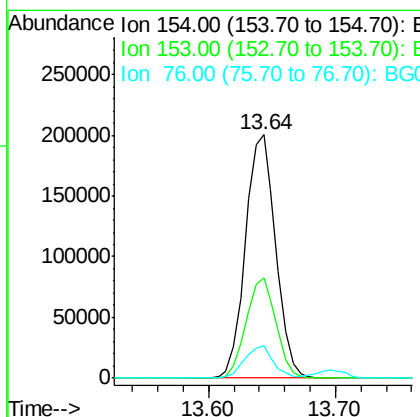
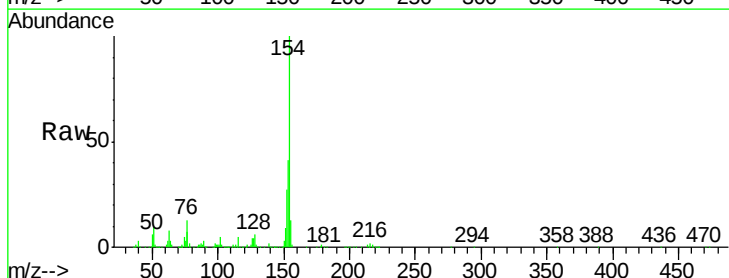
Instrument :
 BNA_G
 ClientSampleId :
 SST02014

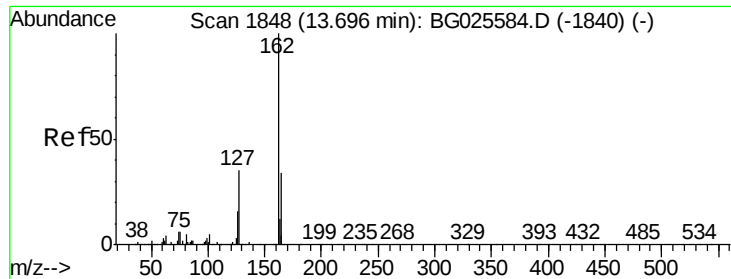
Tgt Ion:196 Resp: 99541
 Ion Ratio Lower Upper
 196 100
 198 109.1 78.6 118.0
 200 35.3 27.3 40.9



#40
 1,1'-Biphenyl
 Concen: 21.10 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion:154 Resp: 331896
 Ion Ratio Lower Upper
 154 100
 153 41.1 32.2 48.2
 76 13.2 9.6 14.4

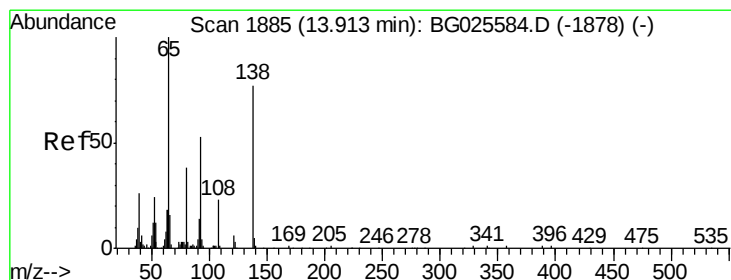
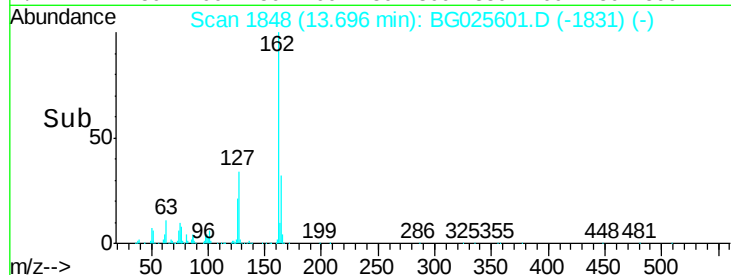
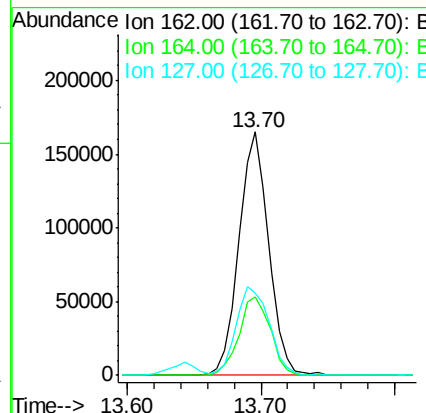
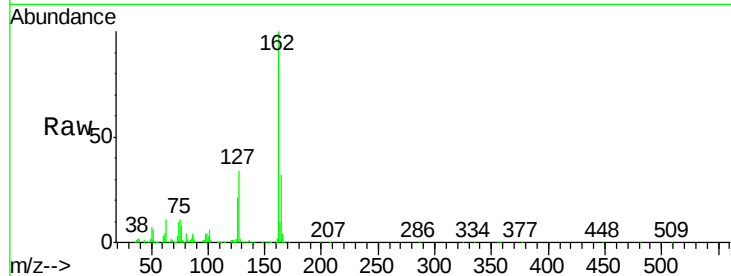




#41
2-Chloronaphthalene
Concen: 20.94 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

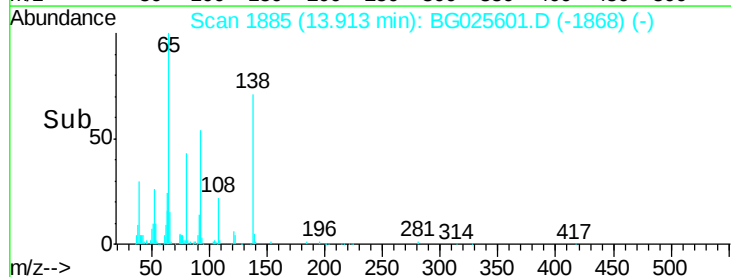
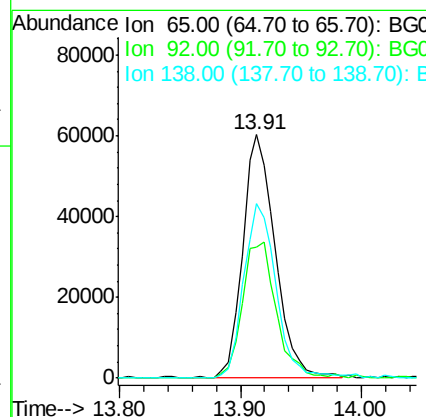
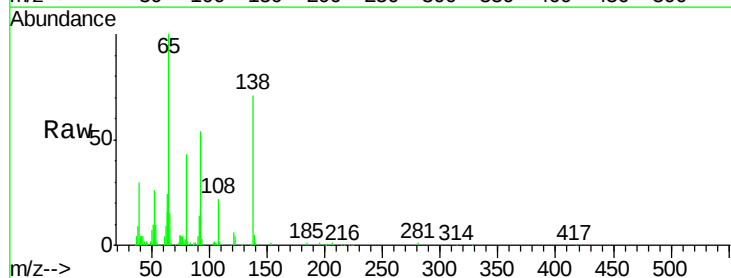
Instrument :
BNA_G
ClientSampleId :
SSTD02014

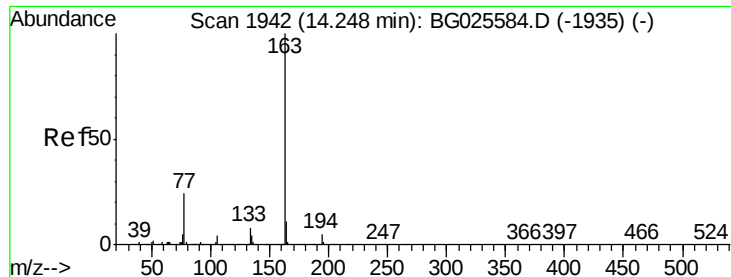
Tgt Ion: 162 Resp: 255546
Ion Ratio Lower Upper
162 100
164 32.4 25.0 37.6
127 33.9 30.7 46.1



#42
2-Nitroaniline
Concen: 21.33 ng/ul
RT: 13.91 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

Tgt Ion: 65 Resp: 112912
Ion Ratio Lower Upper
65 100
92 53.7 50.9 76.3
138 71.4 61.8 92.6

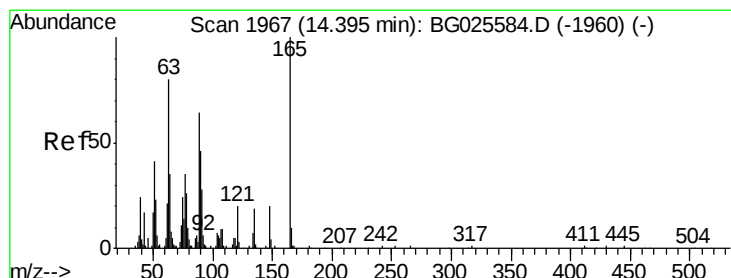
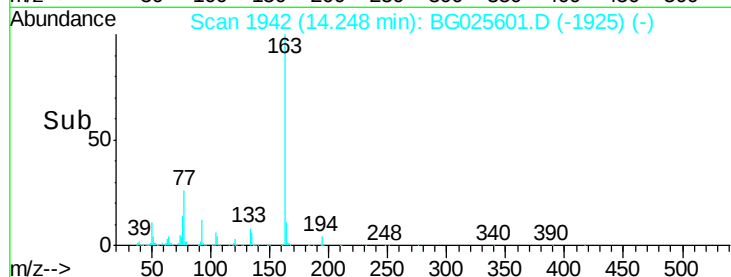
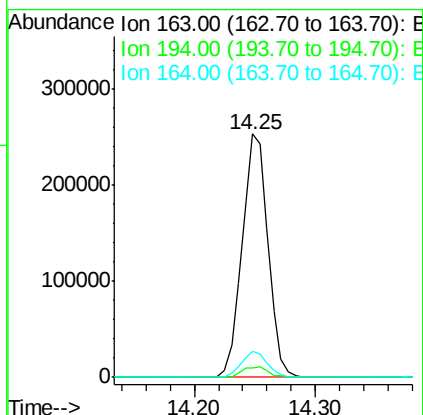
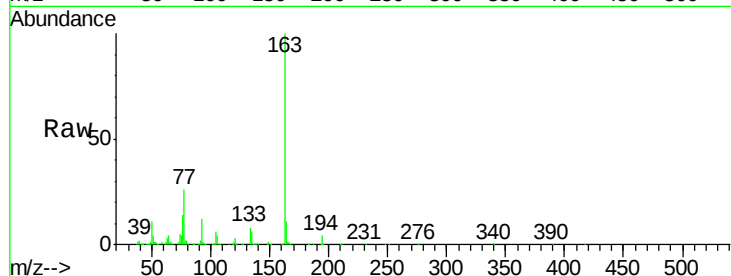




#44
 Dimethylphthalate
 Concen: 21.48 ng/ul
 RT: 14.25 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

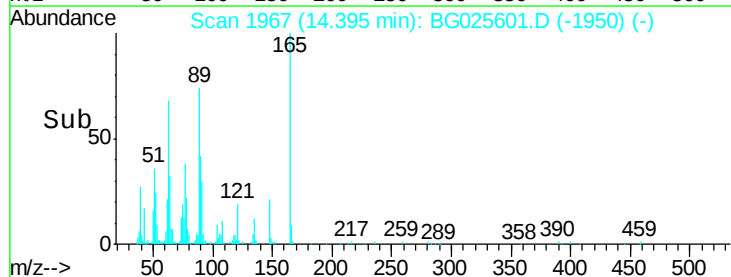
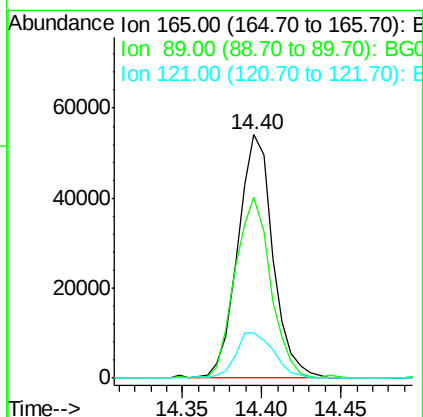
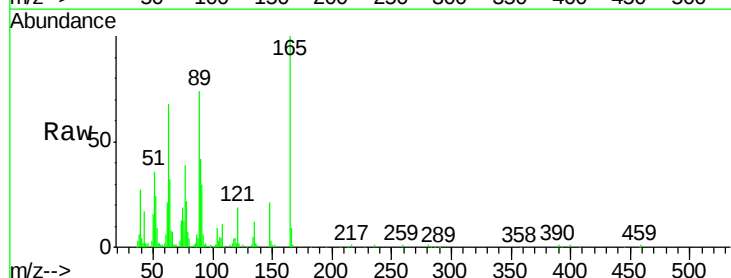
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

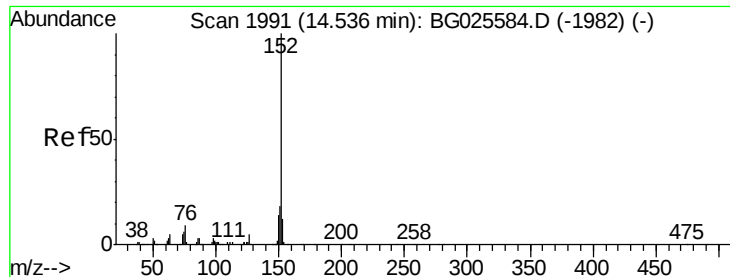
Tgt Ion:163 Resp: 378506
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 10.7 9.0 13.4



#45
 2,6-Dinitrotoluene
 Concen: 22.82 ng/ul
 RT: 14.40 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion:165 Resp: 82812
 Ion Ratio Lower Upper
 165 100
 89 74.3 52.9 79.3
 121 18.7 22.2 33.4#





#47

Acenaphthylene

Concen: 21.66 ng/ul

RT: 14.54 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

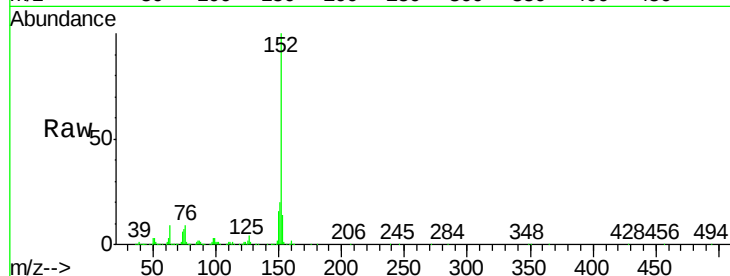
Tgt Ion:152 Resp: 408363

Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1

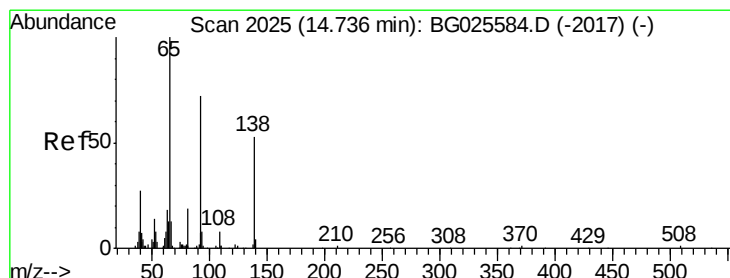
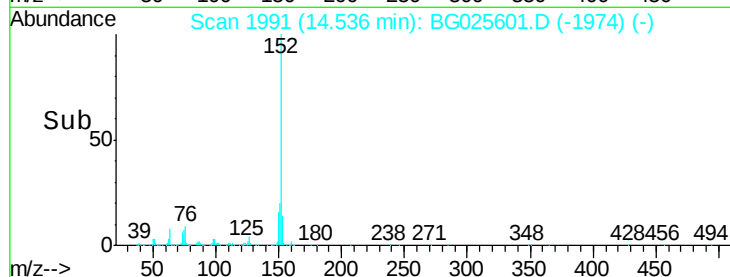
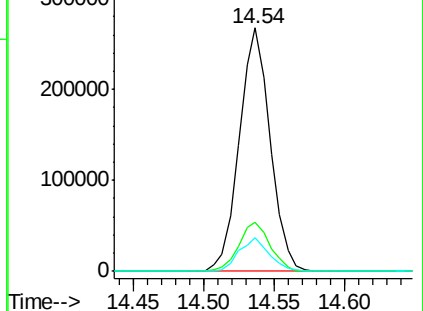
153 13.9 11.4 17.2



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: 22.58 ng/ul

RT: 14.74 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

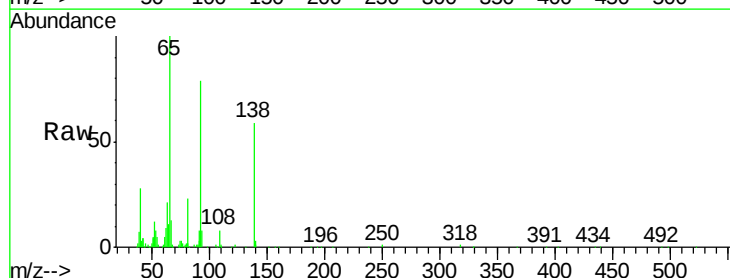
Tgt Ion:138 Resp: 74115

Ion Ratio Lower Upper

138 100

108 12.8 6.3 9.5#

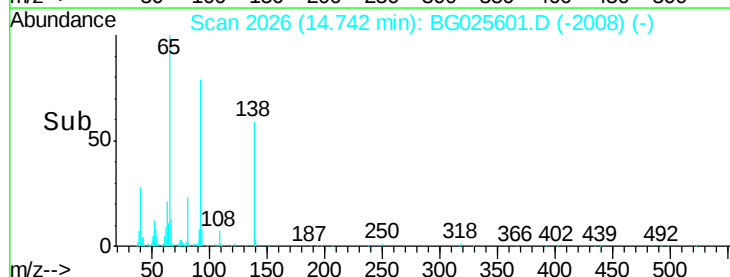
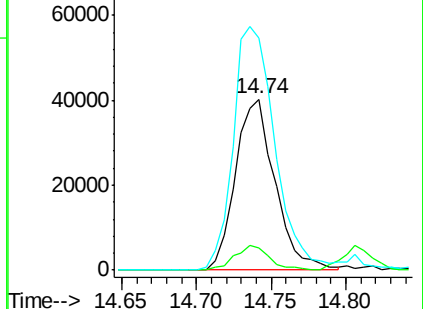
92 135.3 106.4 159.6

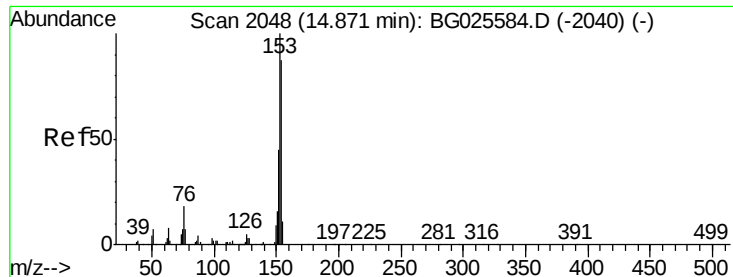


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 20.86 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

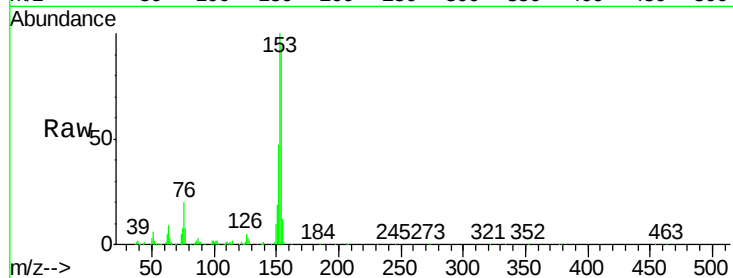
Tgt Ion:153 Resp: 280074

Ion Ratio Lower Upper

153 100

152 46.5 36.5 54.7

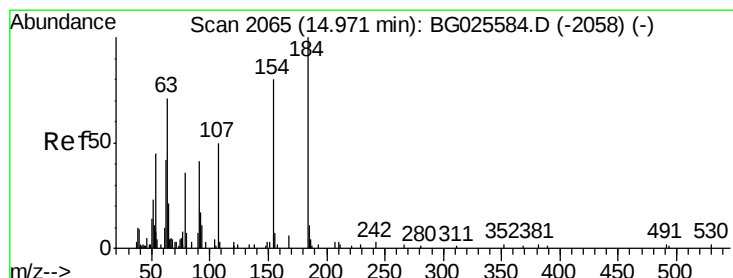
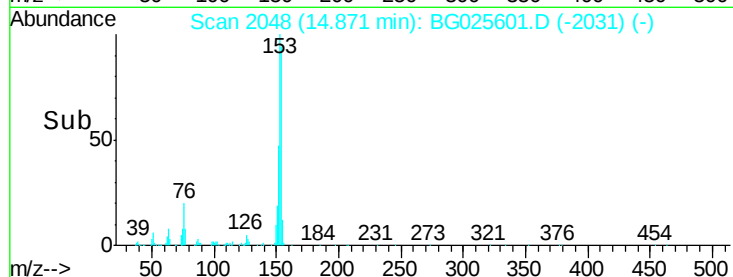
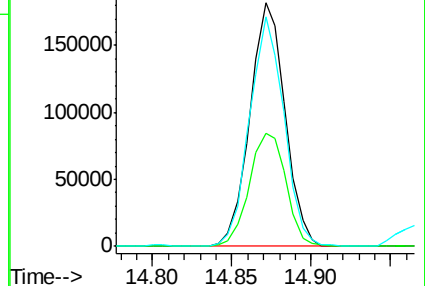
154 94.1 72.3 108.5



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



#50

2,4-Dinitrophenol

Concen: 20.82 ng/ul

RT: 14.97 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

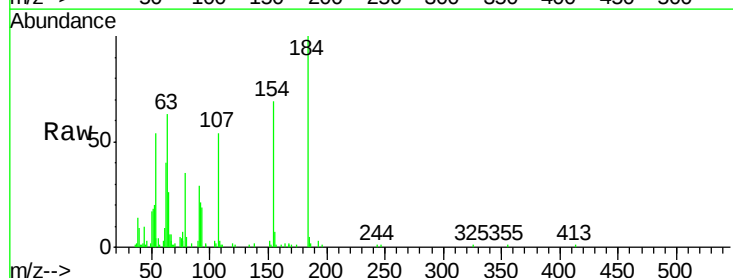
Tgt Ion:184 Resp: 44399

Ion Ratio Lower Upper

184 100

63 62.9 65.1 97.7#

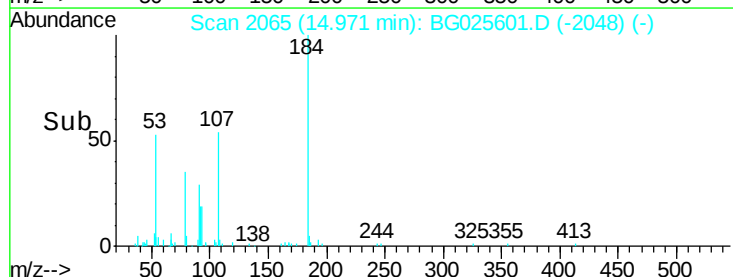
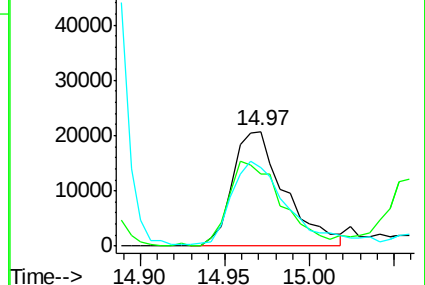
154 68.6 68.2 102.4

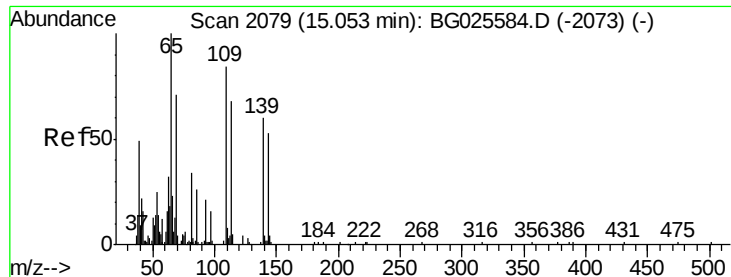


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

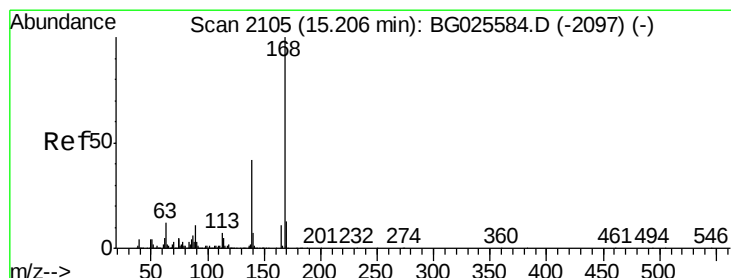
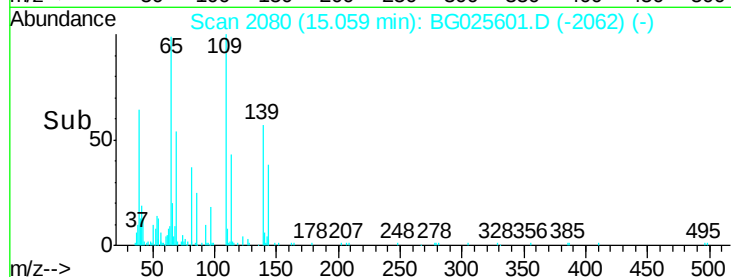
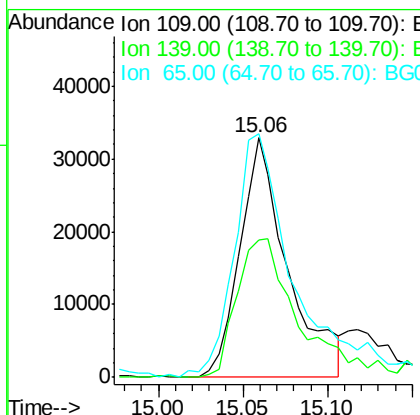
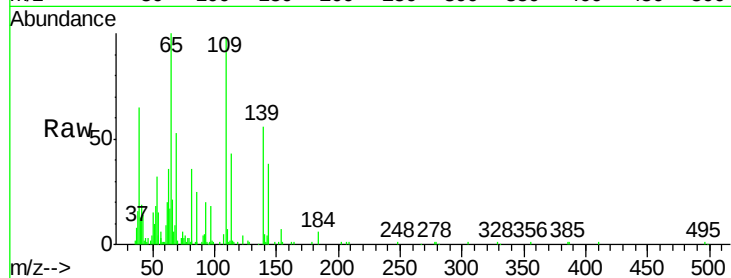




#52
4-Nitrophenol
Concen: 18.98 ng/ul
RT: 15.06 min Scan# 2080
Delta R.T. 0.01 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

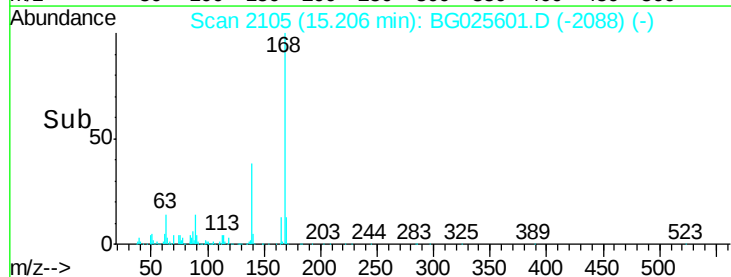
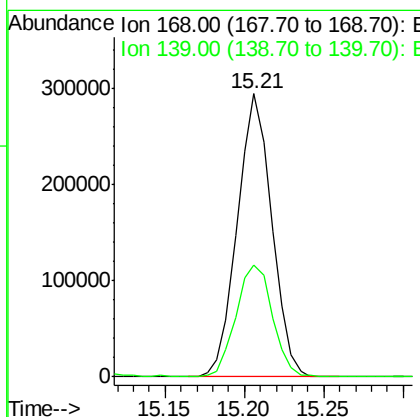
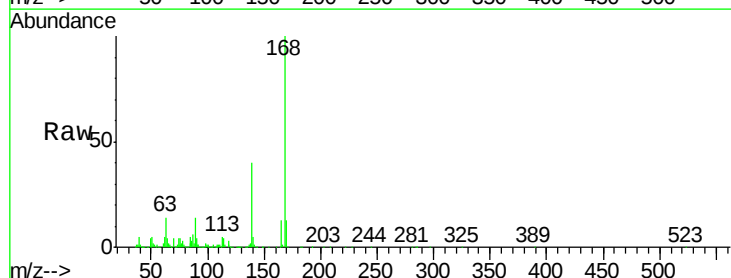
Instrument :
BNA_G
ClientSampleId :
SSTD02014

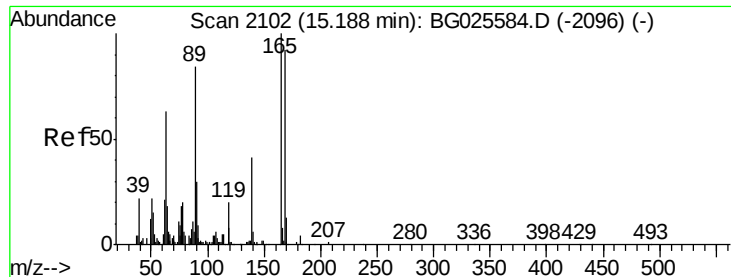
Tgt Ion:109 Resp: 64571
Ion Ratio Lower Upper
109 100
139 57.4 62.6 93.8#
65 101.7 90.4 135.6



#53
Dibenzofuran
Concen: 21.47 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

Tgt Ion:168 Resp: 443135
Ion Ratio Lower Upper
168 100
139 39.7 33.8 50.8

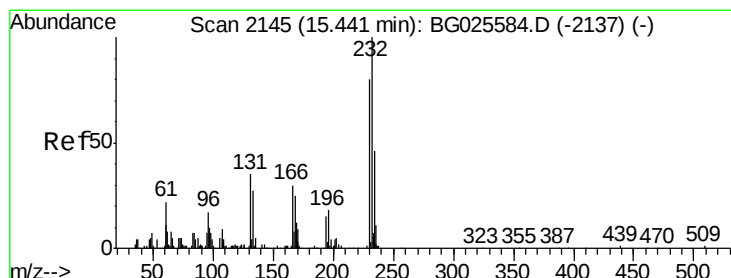
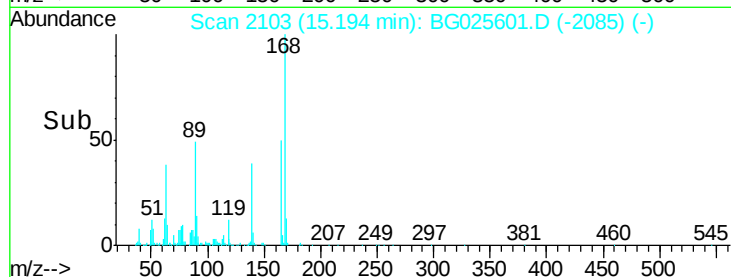
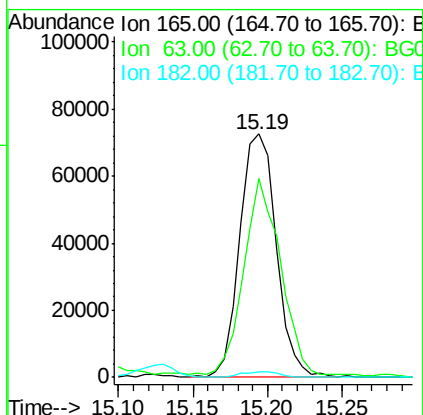
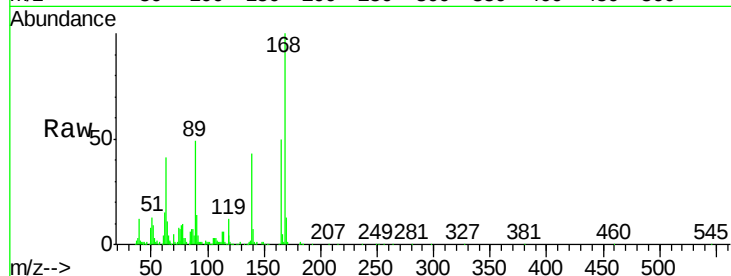




#54
2,4-Dinitrotoluene
Concen: 22.26 ng/ul
RT: 15.19 min Scan# 2103
Delta R.T. 0.01 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

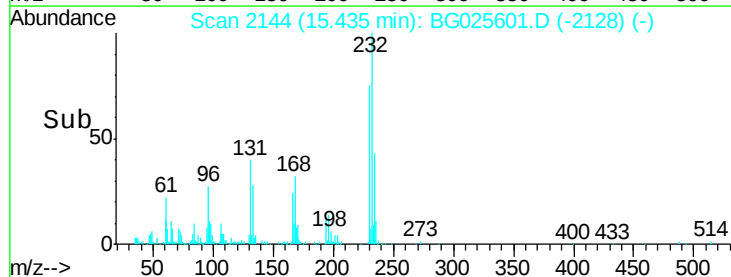
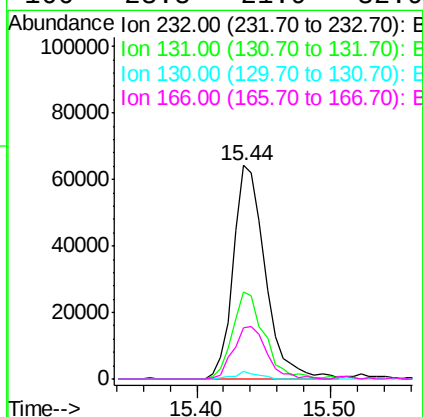
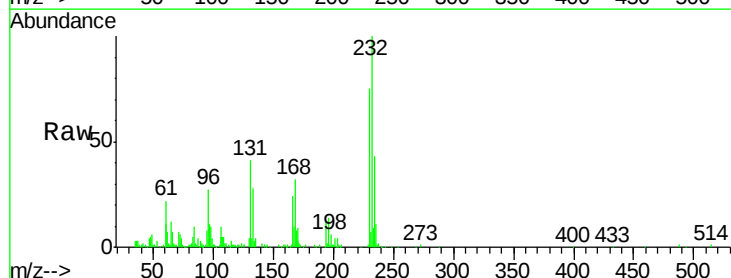
Instrument :
BNA_G
ClientSampleId :
SSTD02014

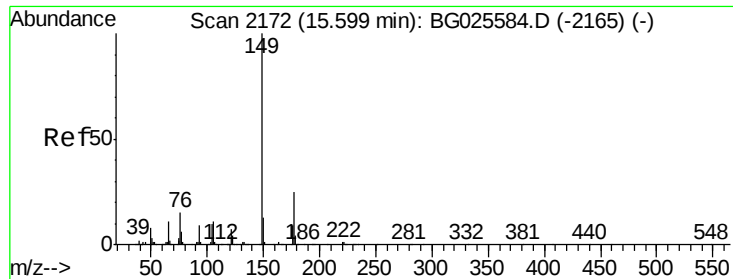
Tgt Ion:165 Resp: 123152
Ion Ratio Lower Upper
165 100
63 81.9 46.8 70.2#
182 2.4 1.8 2.6



#55
2,3,4,6-Tetrachlorophenol
Concen: 20.78 ng/ul
RT: 15.44 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

Tgt Ion:232 Resp: 106673
Ion Ratio Lower Upper
232 100
131 40.7 33.3 49.9
130 3.5 1.8 2.6#
166 23.8 21.9 32.9

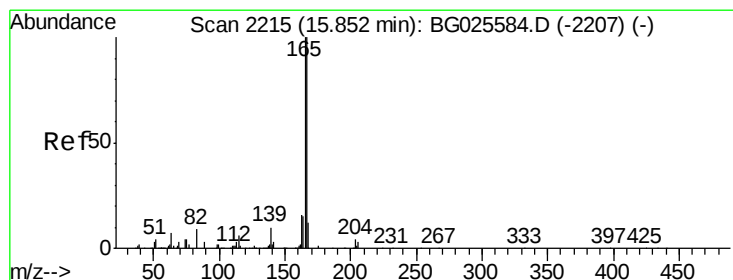
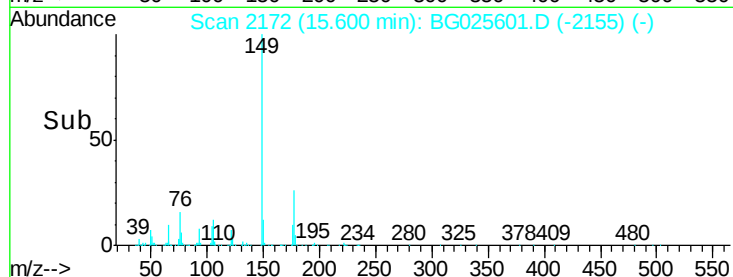
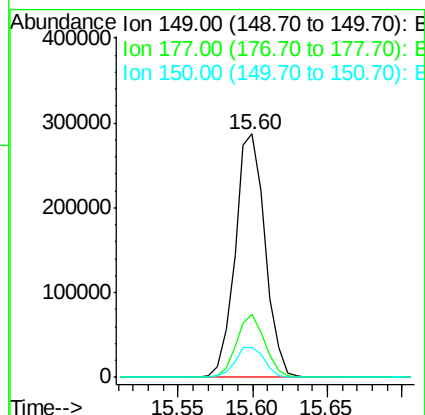
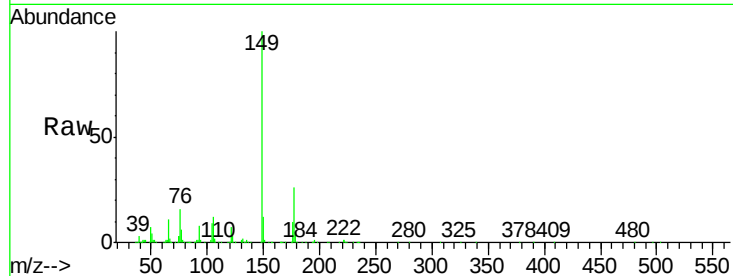




#56
Diethylphthalate
Concen: 21.04 ng/ul
RT: 15.60 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

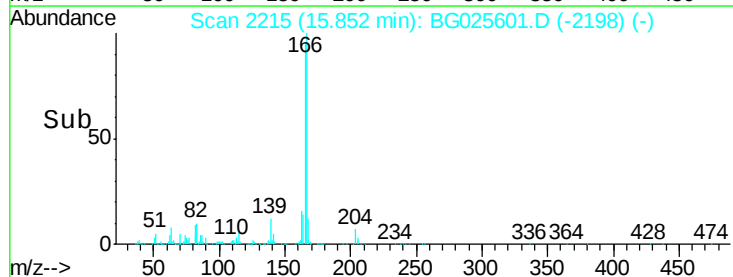
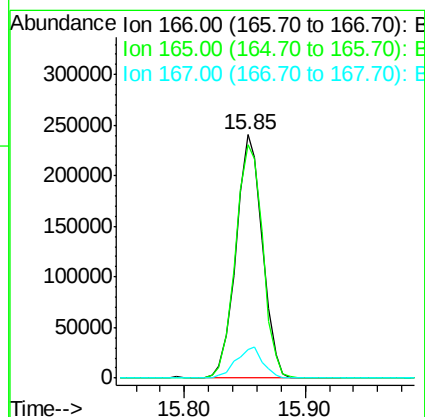
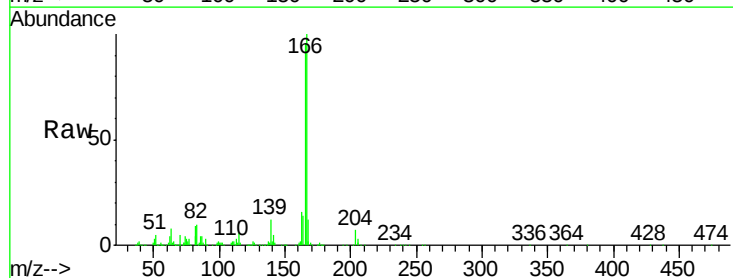
Instrument :
BNA_G
ClientSampleId :
SSTD02014

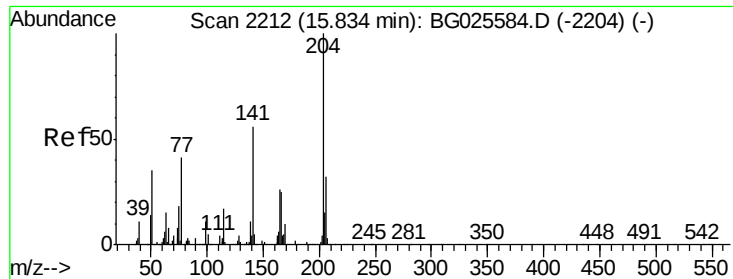
Tgt Ion:149 Resp: 400923
Ion Ratio Lower Upper
149 100
177 26.1 17.8 26.8
150 12.4 10.2 15.4



#58
Fluorene
Concen: 21.67 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG025601.D
Acq: 24 Jan 2017 10:37

Tgt Ion:166 Resp: 365172
Ion Ratio Lower Upper
166 100
165 95.9 79.7 119.5
167 11.9 11.4 17.2





#59

4-Chlorophenyl-phenylether

Concen: 21.08 ng/ul

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

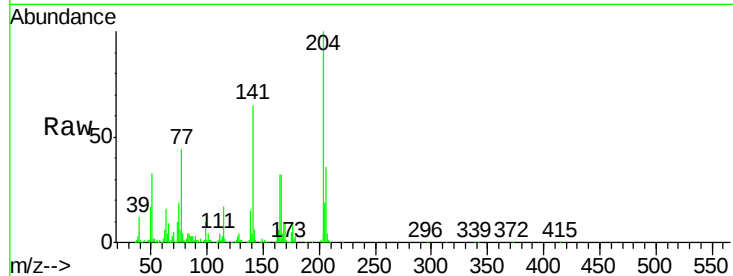
Tgt Ion:204 Resp: 200429

Ion Ratio Lower Upper

204 100

206 36.2 32.3 48.5

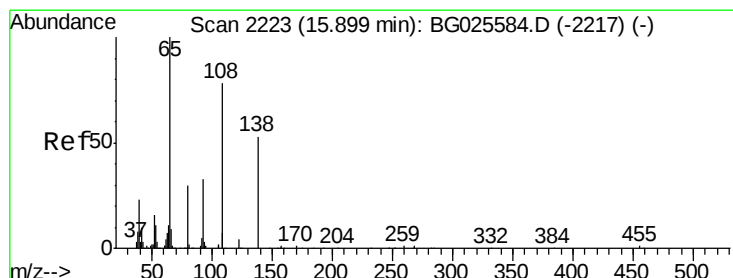
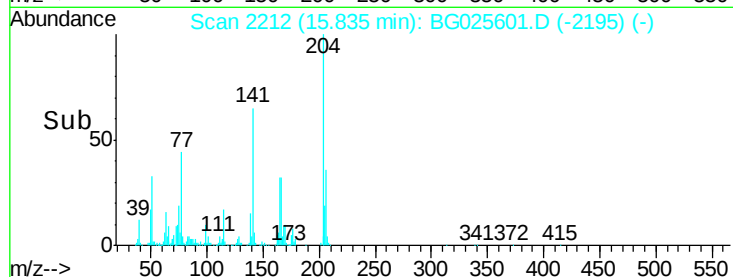
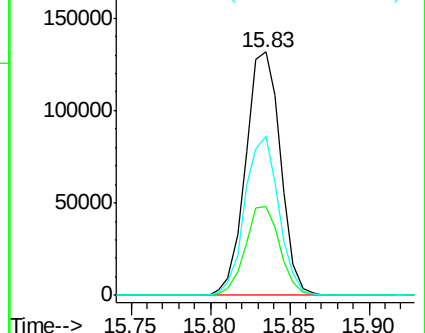
141 65.3 57.5 86.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 21.90 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

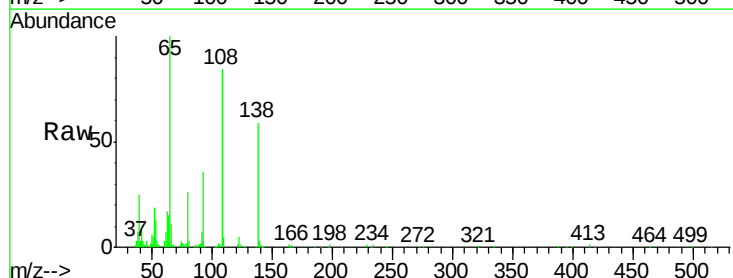
Tgt Ion:138 Resp: 69595

Ion Ratio Lower Upper

138 100

92 61.8 56.9 85.3

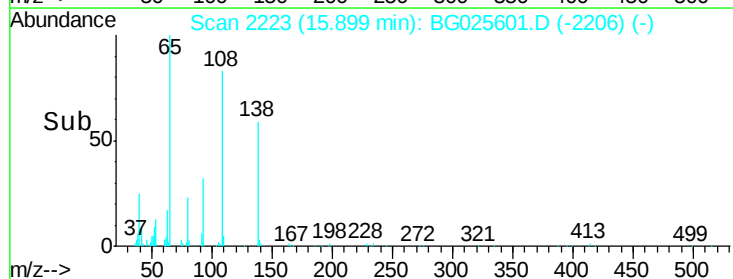
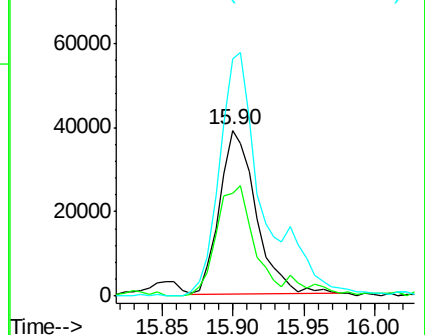
108 143.1 104.9 157.3

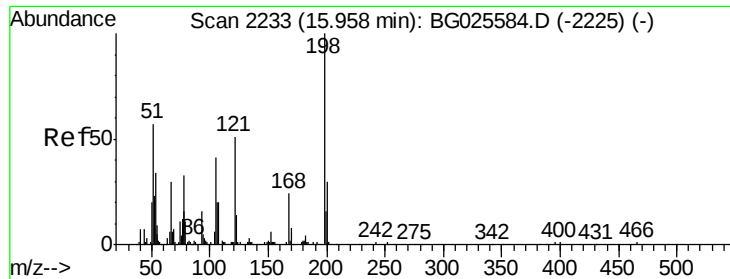


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

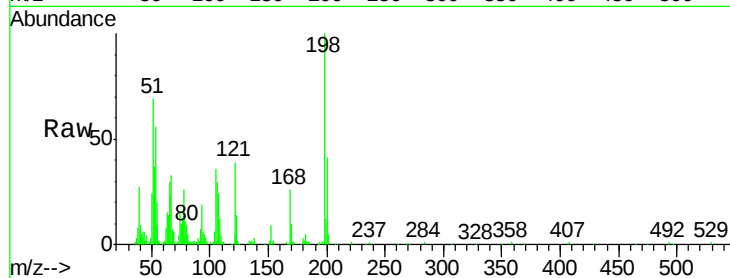




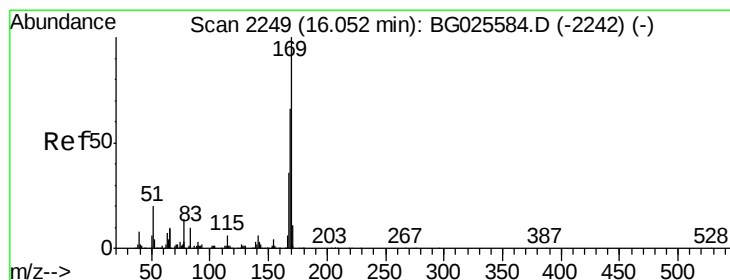
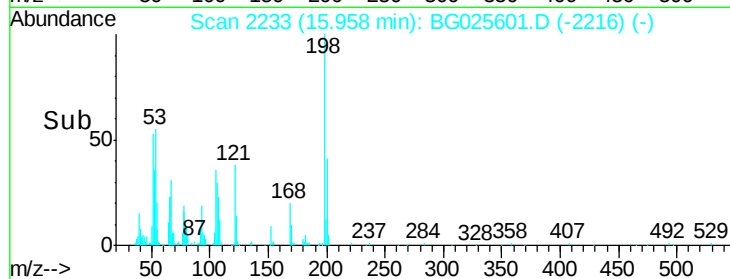
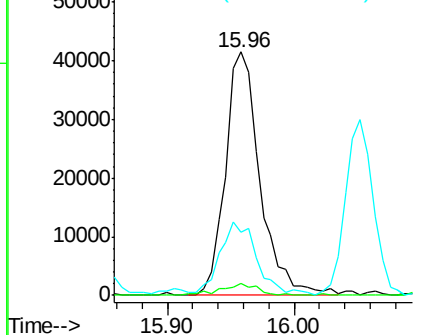
#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.17 ng/ul
 RT: 15.96 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Instrument :
 BNA_G
 ClientSampled :
 SSTD02014

Tgt Ion:198 Resp: 77984
 Ion Ratio Lower Upper
 198 100
 182 4.7 5.8 6.4#
 77 26.1 22.1 33.9

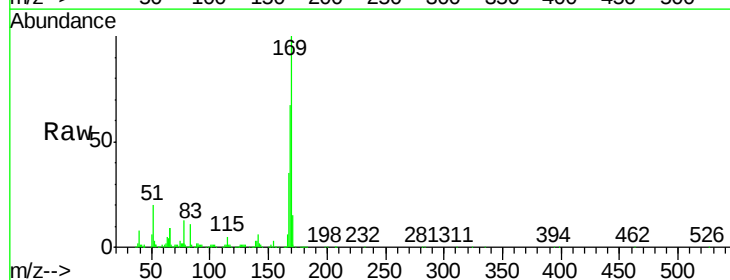


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

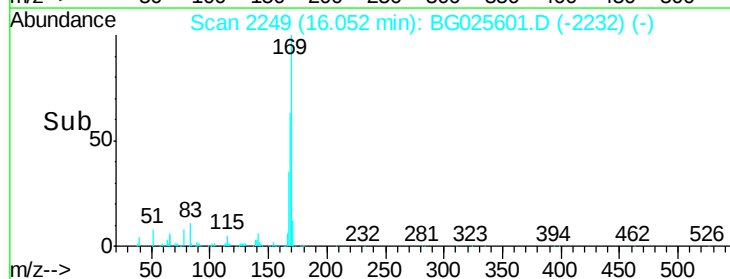
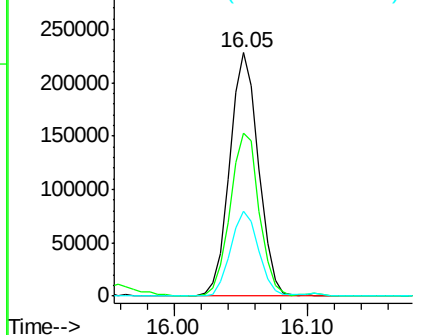


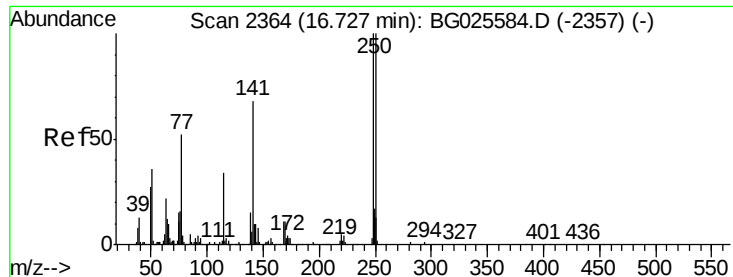
#64
 N-Nitrosodiphenylamine
 Concen: 21.86 ng/ul
 RT: 16.05 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion:169 Resp: 342558
 Ion Ratio Lower Upper
 169 100
 168 67.1 59.1 88.7
 167 35.0 29.7 44.5



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: 21.39 ng/ul

RT: 16.73 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

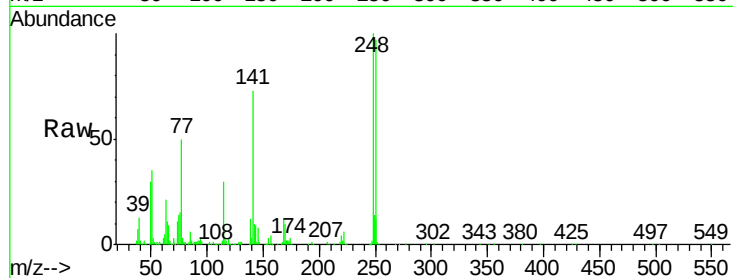
Tgt Ion:248 Resp: 150896

Ion Ratio Lower Upper

248 100

250 96.6 71.9 107.9

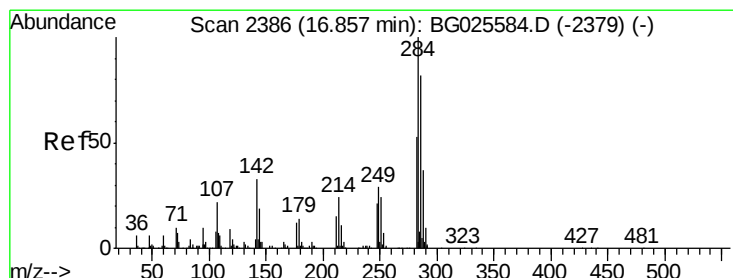
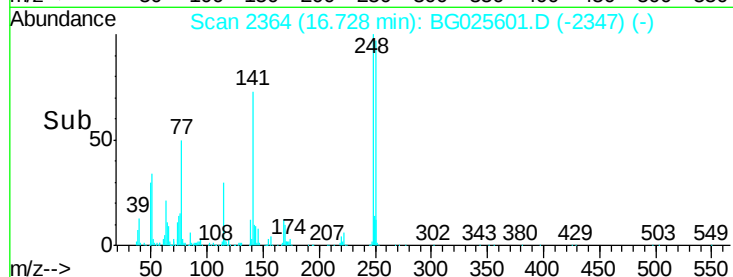
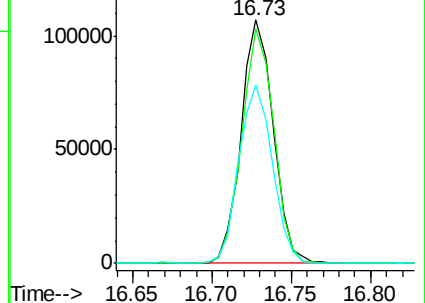
141 73.2 53.8 80.8



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: 20.85 ng/ul

RT: 16.86 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

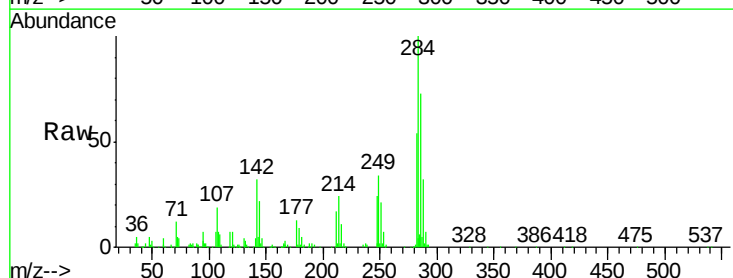
Tgt Ion:284 Resp: 167207

Ion Ratio Lower Upper

284 100

142 31.7 26.1 39.1

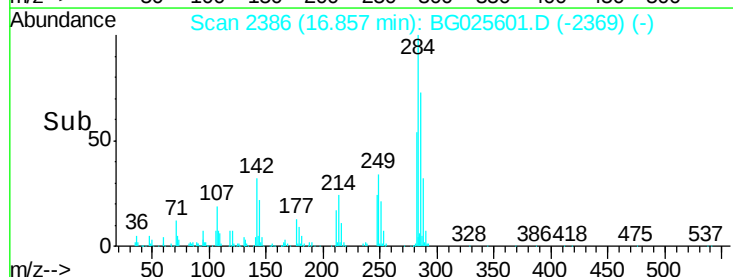
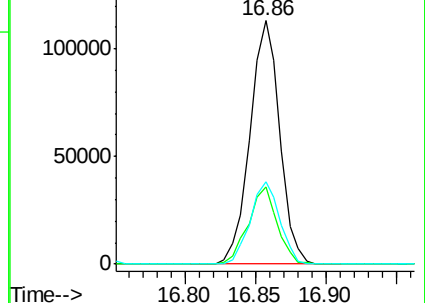
249 33.8 25.9 38.9

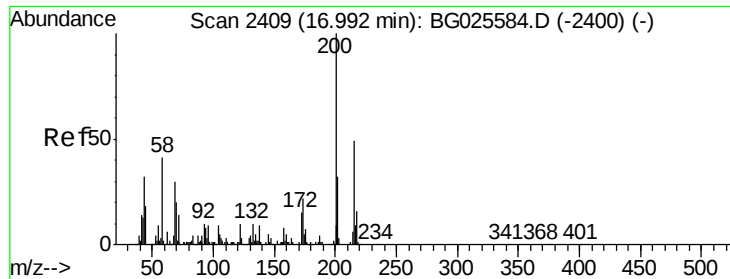


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

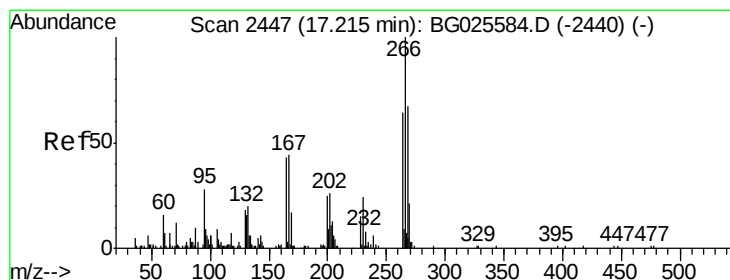
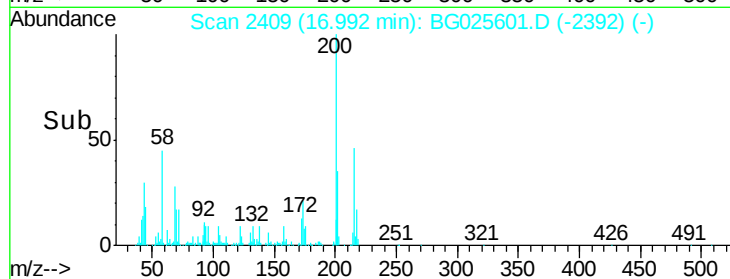
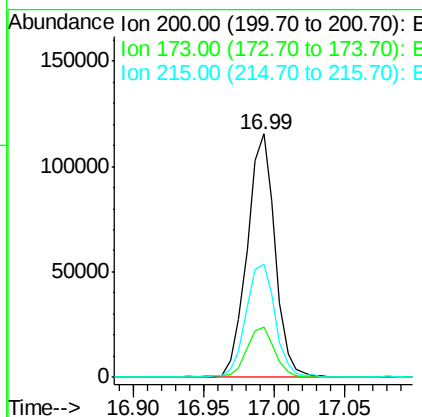
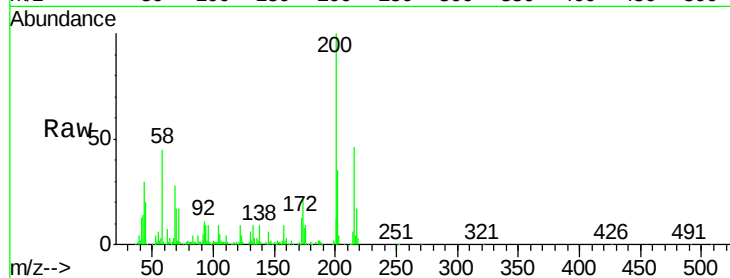




#67
 Atrazine
 Concen: 21.70 ng/ul
 RT: 16.99 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

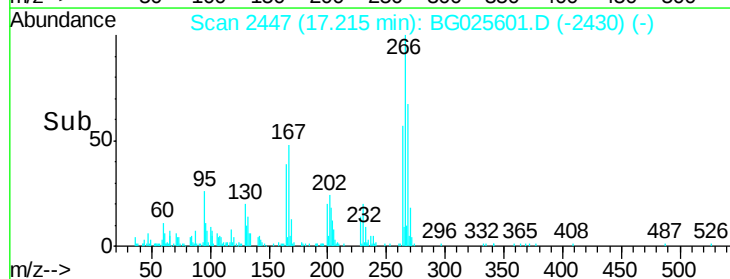
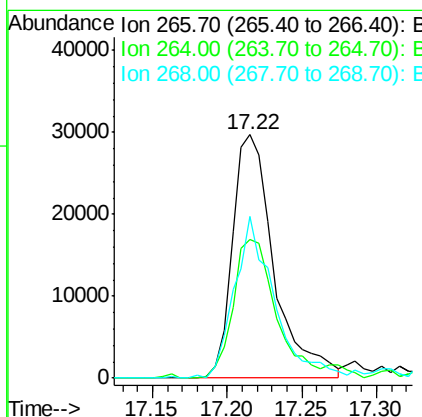
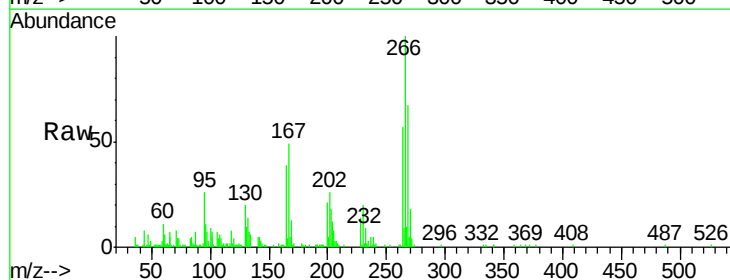
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02014

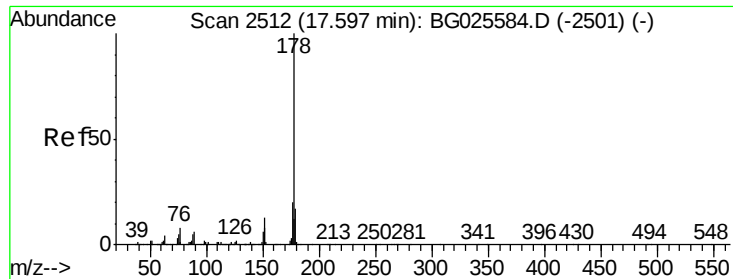
Tgt Ion	Ratio	Lower	Upper
200	100		
173	20.7	19.2	28.8
215	46.4	40.3	60.5



#68
 Pentachlorophenol
 Concen: 17.27 ng/ul
 RT: 17.22 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG025601.D
 Acq: 24 Jan 2017 10:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.1	47.1	70.7
268	66.6	56.2	84.4





#69

Phenanthrene

Concen: 21.82 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

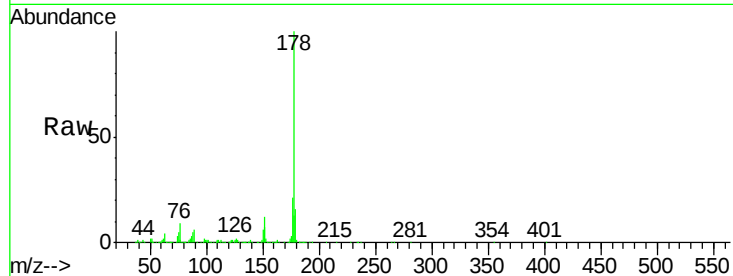
Tgt Ion:178 Resp: 644752

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

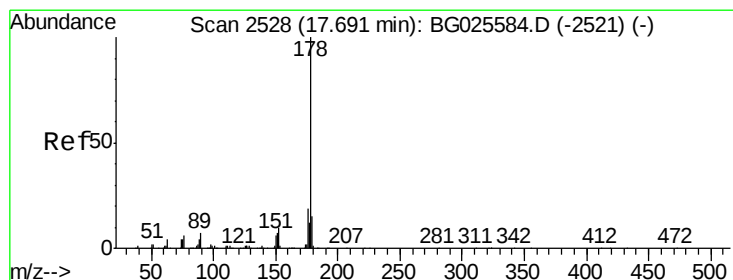
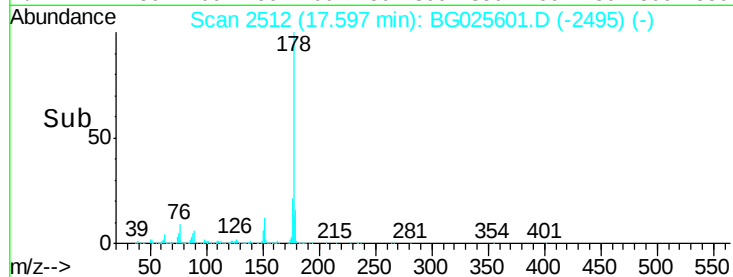
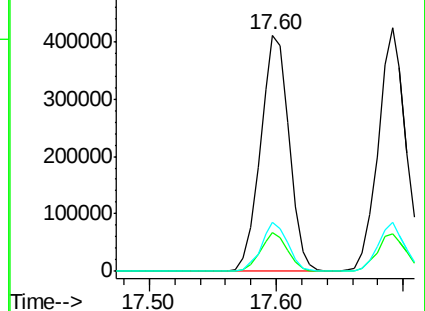
176 20.6 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.67 ng/ul

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

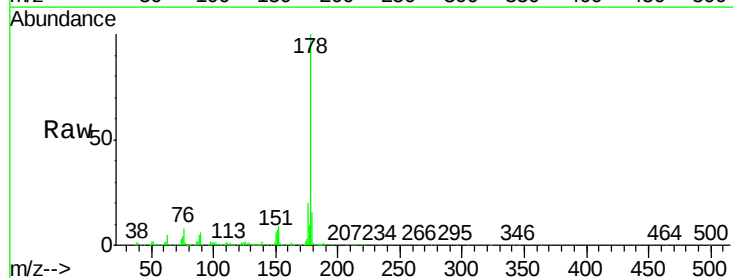
Tgt Ion:178 Resp: 643700

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

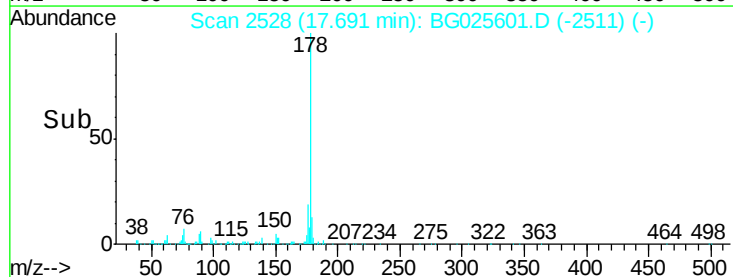
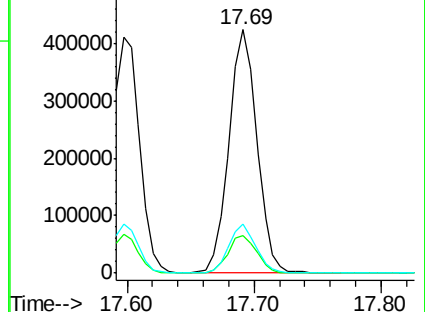
176 20.4 15.9 23.9

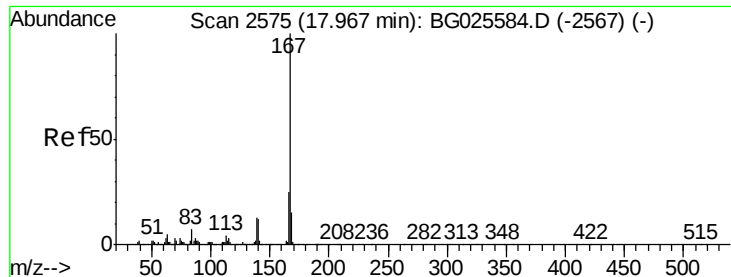


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 22.79 ng/ul

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

Instrument :

BNA_G

ClientSampleId :

SSTD02014

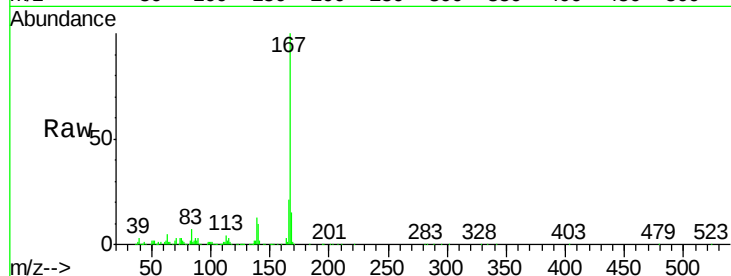
Tgt Ion:167 Resp: 561658

Ion Ratio Lower Upper

167 100

166 21.4 17.9 26.9

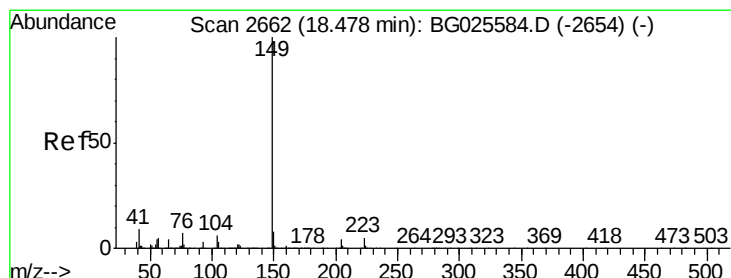
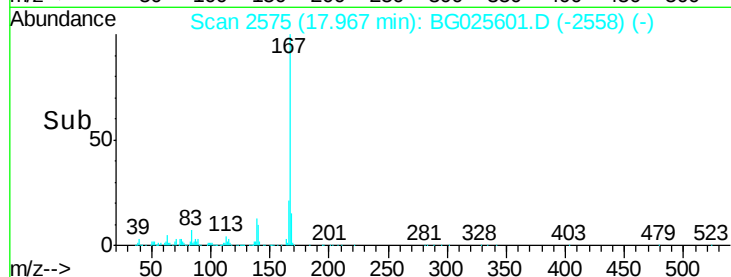
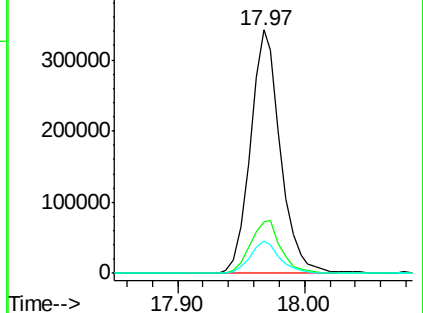
139 13.1 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 22.09 ng/ul

RT: 18.48 min Scan# 2662

Delta R.T. 0.00 min

Lab File: BG025601.D

Acq: 24 Jan 2017 10:37

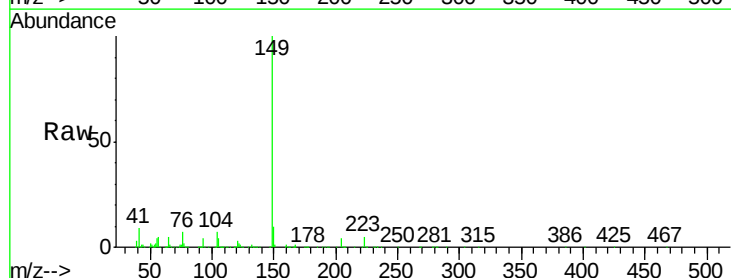
Tgt Ion:149 Resp: 703768

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

104 6.9 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

