

Data File : BG026906.D
Acq On : 9 May 2017 10:52
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02080

Quant Time: May 10 01:03:03 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 09 01:04:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	178910	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	883122	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	479153	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	890228	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	794134	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	883912	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	29031	7.31	ng/uL	0.00
5) Phenol-d5	7.18	99	349630	21.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	196037	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	288616	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	283510	21.39	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	143488	19.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	156323	19.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	264076	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	374130	21.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	748769	19.41	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	996306	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	109956	15.82	ng/ul	0.00
57) Fluorene-d10	15.60	176	658224	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	90627	16.77	ng/ul	0.00
70) Anthracene-d10	17.45	188	867155	20.07	ng/ul	0.00
76) Pyrene-d10	19.73	212	820789	19.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	833567	19.95	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	31877	7.03	ng/uL#	86
4) Benzaldehyde	7.14	77	152345	19.74	ng/ul#	74
6) Phenol	7.21	94	356592	22.03	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	256685	20.54	ng/ul	93
10) 2-Chlorophenol	7.57	128	279422	20.95	ng/ul#	81
11) 2-Methylphenol	8.45	108	274828	21.45	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.54	45	288540	22.13	ng/ul#	89
14) Acetophenone	8.82	105	409401	21.03	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.81	70	188363	19.62	ng/ul#	71
16) 4-Methylphenol	8.78	108	306592	21.88	ng/ul	100
17) Hexachloroethane	9.09	117	100039	19.94	ng/ul#	74
20) Nitrobenzene	9.21	77	289721	20.34	ng/ul#	79
21) Isophorone	9.72	82	529568	19.37	ng/ul#	90
23) 2-Nitrophenol	9.92	139	166578	19.74	ng/ul#	61
24) 2,4-Dimethylphenol	9.98	107	310981	20.21	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.20	93	365699	19.58	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	261526	20.56	ng/ul	97
28) Naphthalene	10.85	128	907175	19.73	ng/ul	99
30) 4-Chloroaniline	10.96	127	365771	22.71	ng/ul	91
31) Hexachlorobutadiene	11.14	225	124640	19.37	ng/ul	92
32) Caprolactam	11.71	113	95061	20.00	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.09	107	299540	21.71	ng/ul	86
34) 2-Methylnaphthalene	12.45	142	668960	19.61	ng/ul	95

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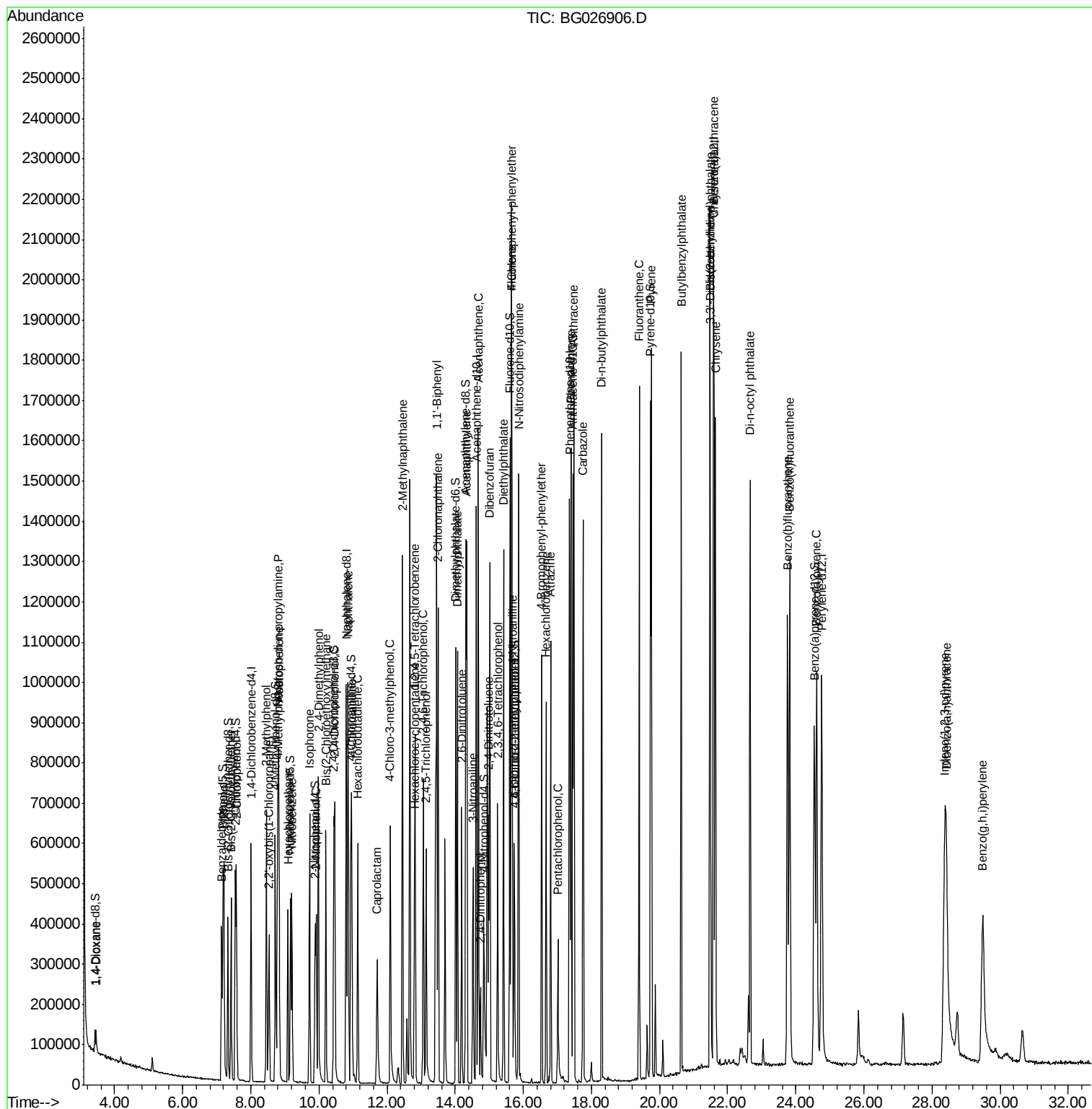
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	258573	20.47	ng/ul	96
37) Hexachlorocyclopentadiene	12.80	237	84314	15.15	ng/ul	97
38) 2,4,6-Trichlorophenol	13.07	196	180611	20.78	ng/ul	97
39) 2,4,5-Trichlorophenol	13.14	196	175869	19.58	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	807283	20.04	ng/ul	96
41) 2-Chloronaphthalene	13.50	162	614220	20.29	ng/ul	96
44) Dimethylphthalate	14.06	163	734923	19.47	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	160777	20.18	ng/ul#	81
47) Acenaphthylene	14.34	152	994956	20.16	ng/ul	99
48) 3-Nitroaniline	14.52	138	172133	20.53	ng/ul	83
49) Acenaphthene	14.68	153	677847	19.75	ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	68850	16.90	ng/ul#	74
53) Dibenzofuran	15.02	168	898216	19.66	ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	221518	19.43	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.24	232	129085	18.29	ng/ul#	74
56) Diethylphthalate	15.42	149	763215	19.32	ng/ul	99
58) Fluorene	15.66	166	720749	19.33	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.64	204	317471	19.53	ng/ul	95
60) 4-Nitroaniline	15.68	138	157321	17.02	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.74	198	96004	17.05	ng/ul#	90
64) N-Nitrosodiphenylamine	15.86	169	605504	20.69	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	182308	20.52	ng/ul#	81
66) Hexachlorobenzene	16.67	284	193931	20.27	ng/ul#	91
67) Atrazine	16.80	200	185815	20.32	ng/ul	95
68) Pentachlorophenol	17.02	266	74035	16.95	ng/ul	97
69) Phenanthrene	17.40	178	994029	19.82	ng/ul	99
71) Anthracene	17.48	178	1026168	19.95	ng/ul	98
72) Carbazole	17.75	167	929820	21.37	ng/ul	99
73) Di-n-butylphthalate	18.30	149	1195641	21.13	ng/ul#	97
74) Fluoranthene	19.40	202	1012991	21.76	ng/ul#	79
77) Pyrene	19.76	202	1045886	19.63	ng/ul#	74
78) Butylbenzylphthalate	20.63	149	542798	21.93	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.49	252	337243	22.09	ng/ul#	92
80) Benzo(a)anthracene	21.58	228	950808	20.47	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.47	149	780779	22.11	ng/ul#	99
82) Chrysene	21.64	228	875450	20.29	ng/ul	99
84) Di-n-octyl phthalate	22.65	149	1369383	22.54	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	1005940	19.92	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	1003355	20.22	ng/ul#	92
88) Benzo(a)pyrene	24.61	252	1006559	20.25	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.37	276	1117908	18.97	ng/ul#	81
90) Dibenzo(a,h)anthracene	28.42	278	948981	18.99	ng/ul#	86
91) Benzo(g,h,i)perylene	29.49	276	858989	17.58	ng/ul#	81

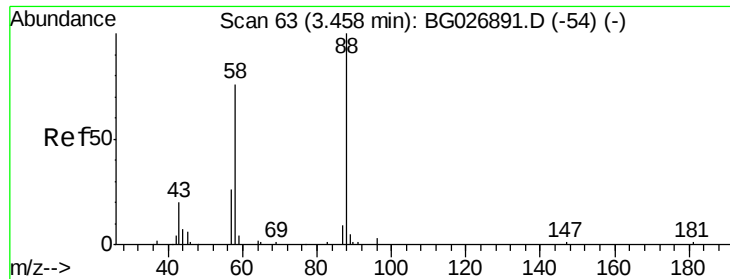
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.03 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG026906.D

Acq: 9 May 2017 10:52

Instrument :

BNA_G

ClientSampleId :

SSTD02080

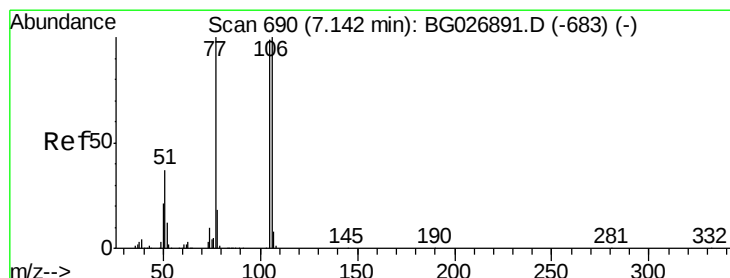
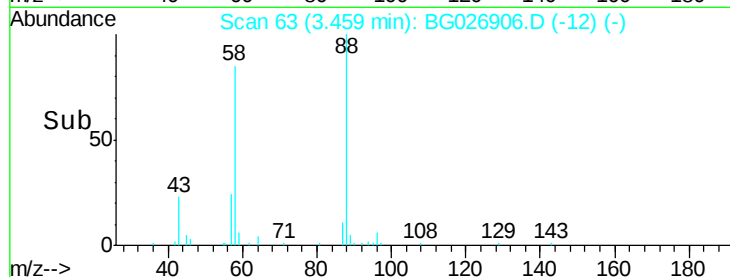
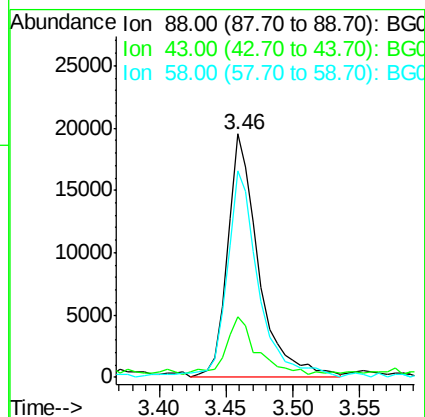
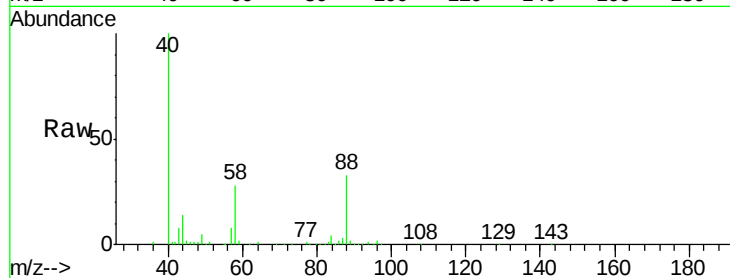
Tgt Ion: 88 Resp: 31877

Ion Ratio Lower Upper

88 100

43 25.1 39.2 58.8#

58 84.9 69.4 104.0



#4

Benzaldehyde

Concen: 19.74 ng/uL

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG026906.D

Acq: 9 May 2017 10:52

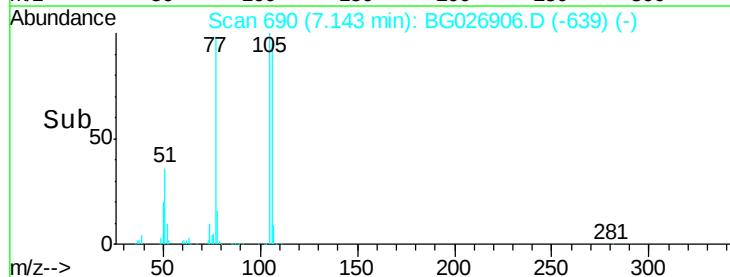
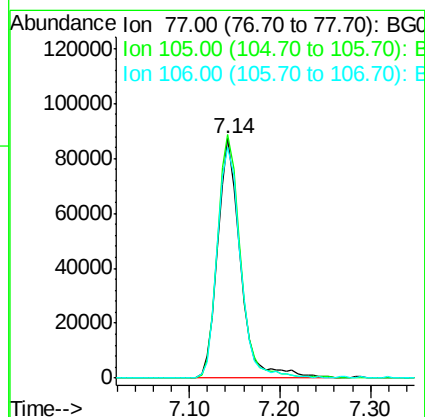
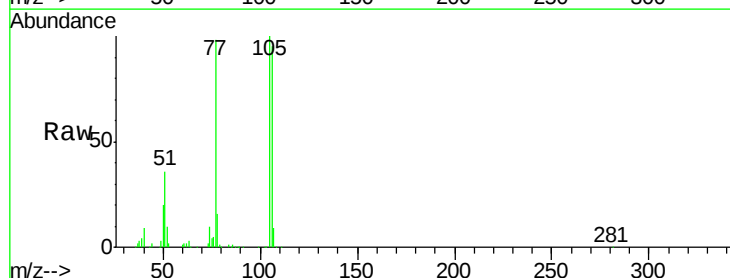
Tgt Ion: 77 Resp: 152345

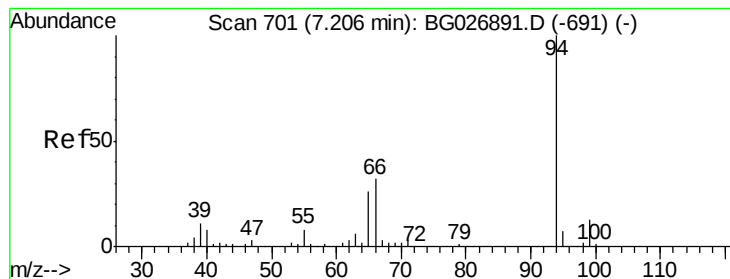
Ion Ratio Lower Upper

77 100

105 101.6 62.0 93.0#

106 96.4 60.2 90.4#





#6

Phenol

Concen: 22.03 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026906.D

Acq: 9 May 2017 10:52

Instrument :

BNA_G

ClientSampleId :

SSTD02080

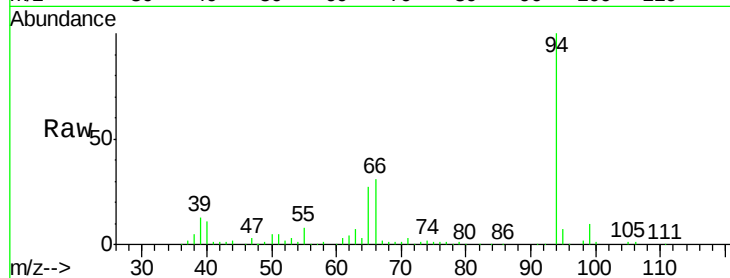
Tgt Ion: 94 Resp: 356592

Ion Ratio Lower Upper

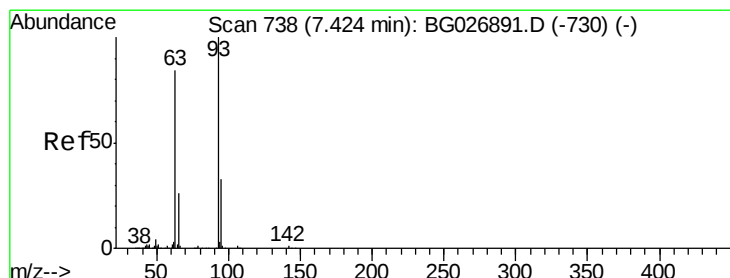
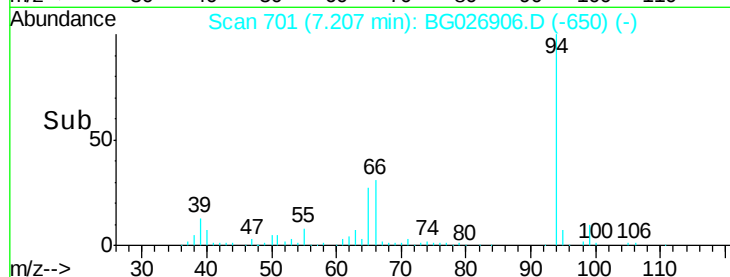
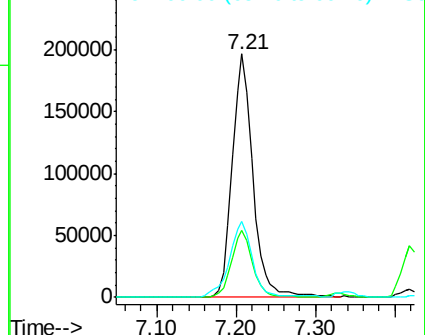
94 100

65 27.4 26.8 40.2

66 31.2 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: 20.54 ng/ul

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG026906.D

Acq: 9 May 2017 10:52

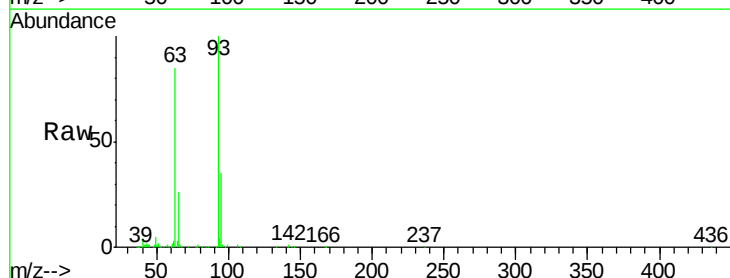
Tgt Ion: 93 Resp: 256685

Ion Ratio Lower Upper

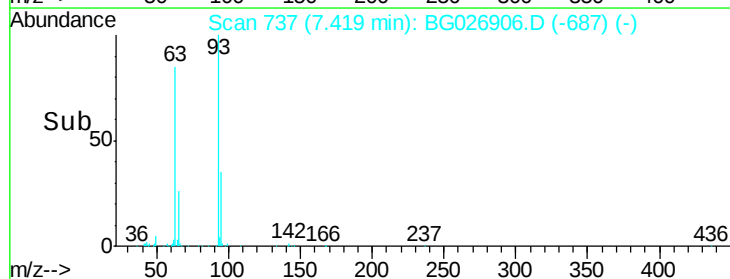
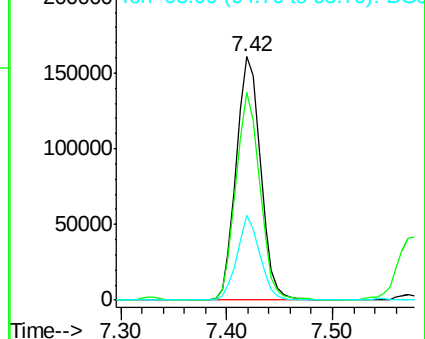
93 100

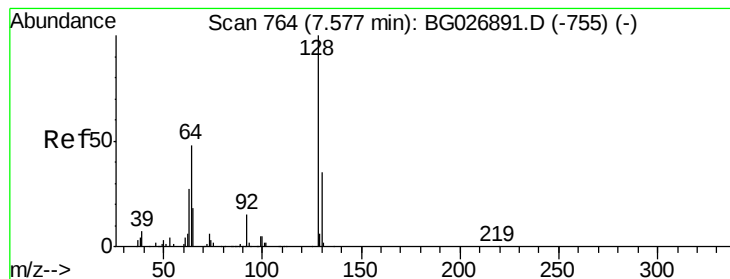
63 85.4 75.5 113.3

95 34.9 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: 20.95 ng/ul

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG026906.D

Acq: 9 May 2017 10:52

Instrument :

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ClientSampleId :

SSTD02080

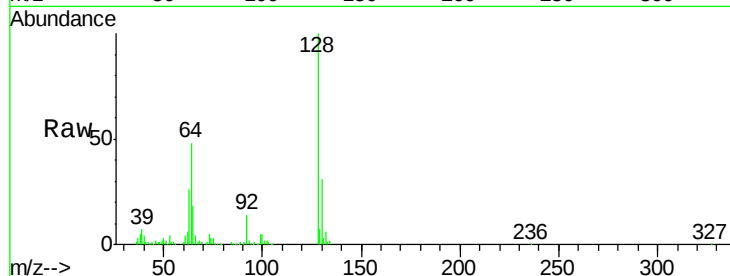
Tgt Ion:128 Resp: 279422

Ion Ratio Lower Upper

128 100

64 48.2 56.3 84.5#

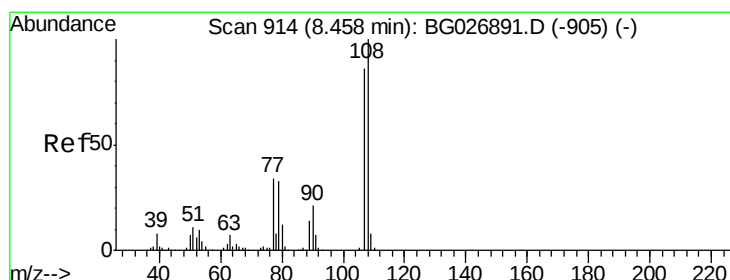
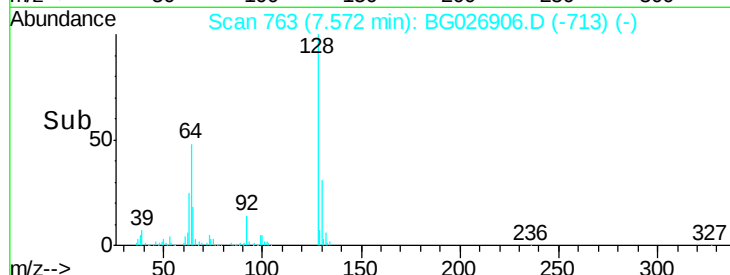
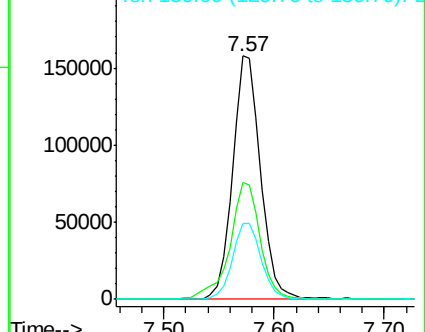
130 31.3 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.45 ng/ul

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG026906.D

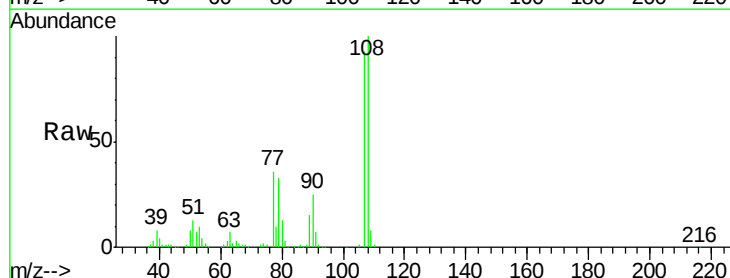
Acq: 9 May 2017 10:52

Tgt Ion:108 Resp: 274828

Ion Ratio Lower Upper

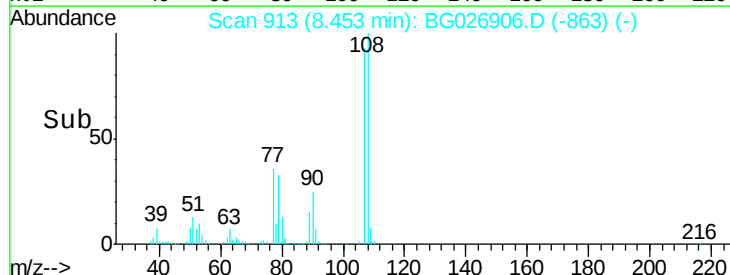
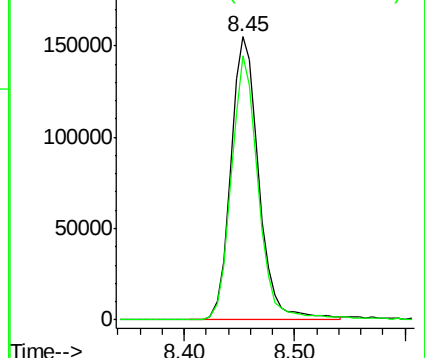
108 100

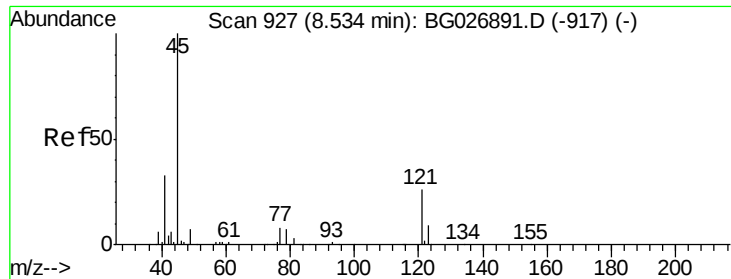
107 93.2 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

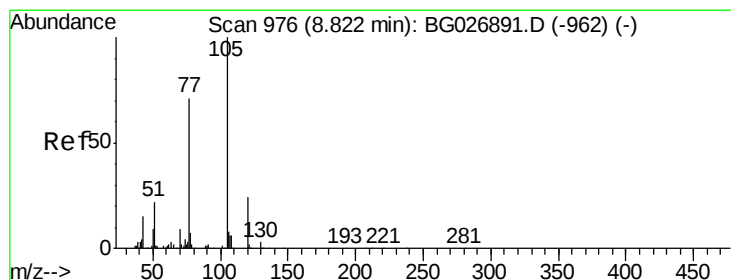
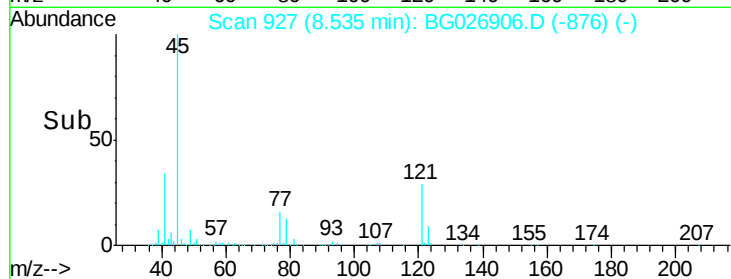
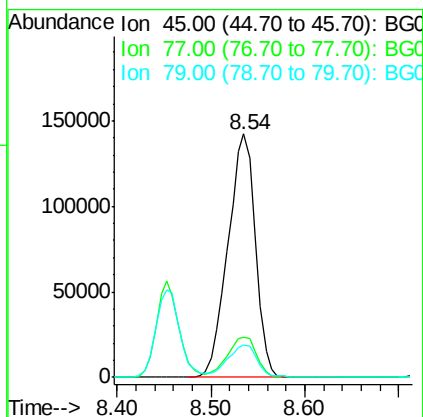
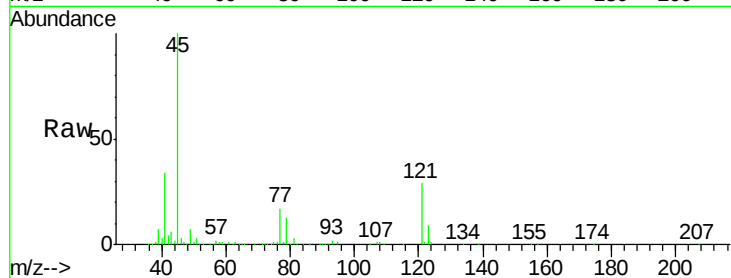




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 22.13 ng/ul
 RT: 8.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BG026906.D
 Acq: 9 May 2017 10:52

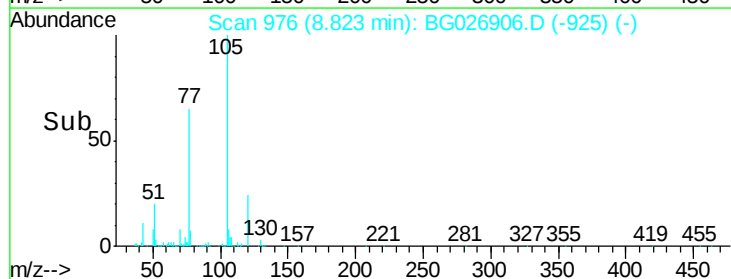
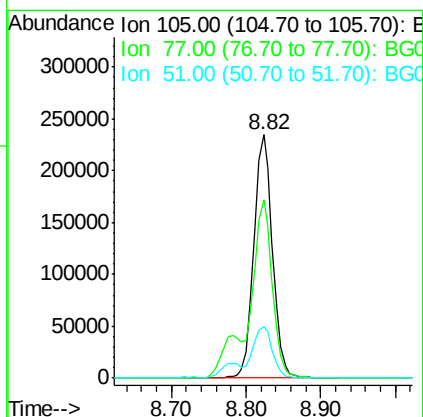
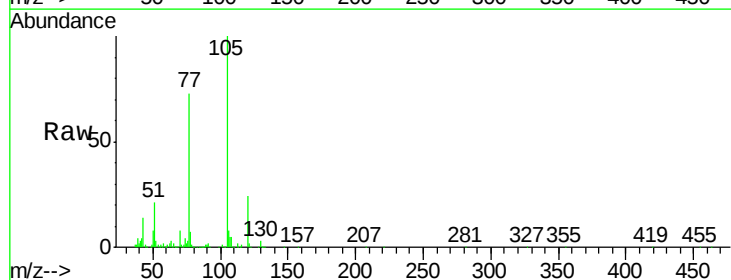
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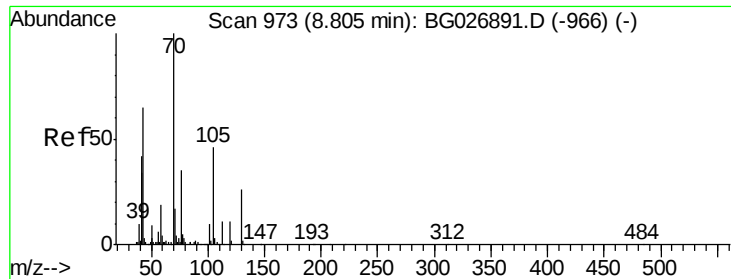
Tgt Ion: 45 Resp: 288540
 Ion Ratio Lower Upper
 45 100
 77 16.5 10.0 15.0#
 79 13.1 7.3 10.9#



#14
 Acetophenone
 Concen: 21.03 ng/ul
 RT: 8.82 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BG026906.D
 Acq: 9 May 2017 10:52

Tgt Ion: 105 Resp: 409401
 Ion Ratio Lower Upper
 105 100
 77 73.1 76.0 114.0#
 51 21.1 34.8 52.2#

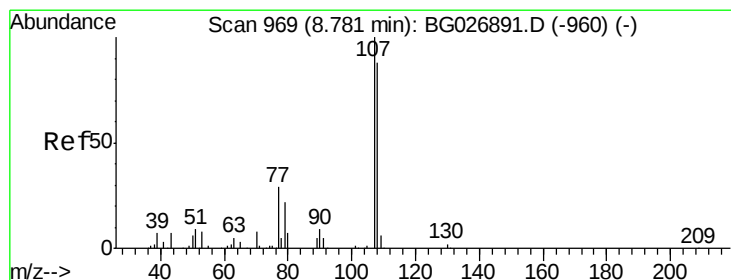
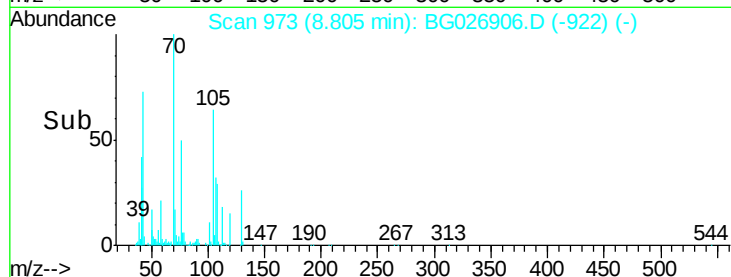
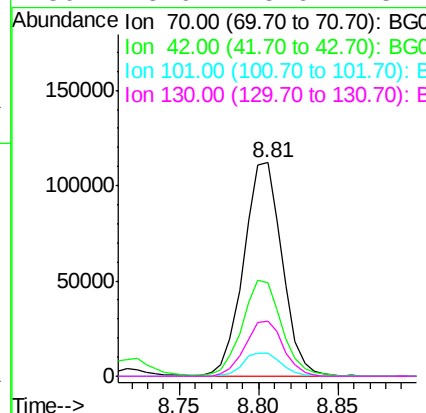
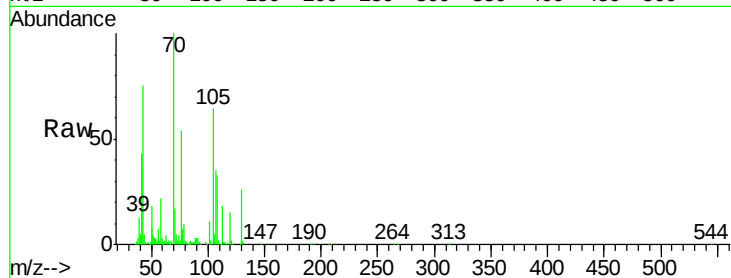




#15
N-Nitroso-di-n-propylamine
Concen: 19.62 ng/ul
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG026906.D
Acq: 9 May 2017 10:52

Instrument :
BNA_G
ClientSampleId :
SSTD02080

Tgt Ion: 70 Resp: 188363
Ion Ratio Lower Upper
70 100
42 43.5 59.0 88.6#
101 10.8 6.6 9.8#
130 25.9 15.6 23.4#



#16
4-Methylphenol
Concen: 21.88 ng/ul
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG026906.D
Acq: 9 May 2017 10:52

Tgt Ion: 108 Resp: 306592
Ion Ratio Lower Upper
108 100
107 114.6 91.7 137.5

