

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112116\
 Data File : BG024871.D
 Acq On : 21 Nov 2016 23:03
 Operator : UM/SJ
 Sample : H5712-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Nov 22 01:31:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 22 01:29:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	380	20.00	ng/ul	0.05
18) Naphthalene-d8	11.09	136	484458	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	393749	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	781846	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	970955	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1010701	20.00	ng/ul	0.00

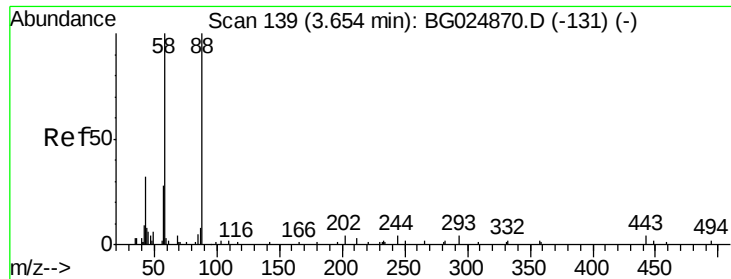
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	273	37.23	ng/uL	0.03
5) Phenol-d5	7.51	99	146	4.48	ng/ul	0.12
7) Bis-(2-Chloroethyl)ether-d	7.60	67	66	3.22	ng/ul	0.02
9) 2-Chlorophenol-d4	7.84	132	123	5.27	ng/ul	0.05
13) 4-Methylphenol-d8	9.02	113	67	2.45	ng/ul	0.07
19) Nitrobenzene-d5	9.47	128	152	0.04	ng/ul	0.03
22) 2-Nitrophenol-d4	10.12	143	67	0.02	ng/ul	-0.04
26) 2,4-Dichlorophenol-d3	10.69	165	69	0.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	75	0.01	ng/ul	-0.02
43) Dimethylphthalate-d6	14.30	166	76	0.00	ng/ul	0.02
46) Acenaphthylene-d8	14.64	160	62	0.00	ng/ul	0.06
51) 4-Nitrophenol-d4	15.06	143	54	0.01	ng/ul	0.00
57) Fluorene-d10	15.86	176	2554	0.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	66	0.01	ng/ul	-0.04
70) Anthracene-d10	17.62	188	781846	22.64	ng/ul	-0.10
76) Pyrene-d10	20.00	212	92	0.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.12	264	516	0.01	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.68	88	340	36.99	ng/uL#	14
4) Benzaldehyde	7.44	77	79	3.77	ng/ul#	11
6) Phenol	7.50	94	54	1.59	ng/ul#	30
8) Bis(2-Chloroethyl)ether	7.72	93	62	2.56	ng/ul#	12
10) 2-Chlorophenol	7.84	128	113	5.00	ng/ul#	23
11) 2-Methylphenol	8.78	108	78	3.13	ng/ul#	2
12) 2,2'-oxybis(1-Chloropropan	8.88	45	219	5.33	ng/ul#	1
14) Acetophenone	9.20	105	96	2.33	ng/ul#	68
15) N-Nitroso-di-n-propylamine	9.05	70	177	7.57	ng/ul#	86
16) 4-Methylphenol	9.04	108	107	3.97	ng/ul#	1
17) Hexachloroethane	9.55	117	174	16.83	ng/ul#	1

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



#2

1,4-Dioxane

Concen: 36.99 ng/uL

RT: 3.68 min Scan# 143

Delta R.T. 0.02 min

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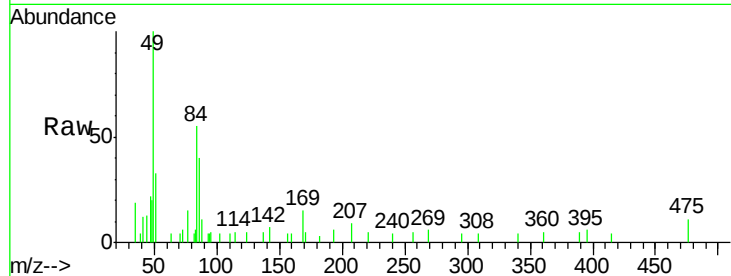
Tgt Ion: 88 Resp: 340

Ion Ratio Lower Upper

88 100

43 0.0 39.2 58.8#

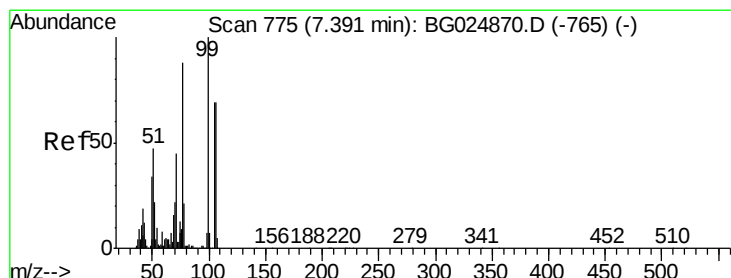
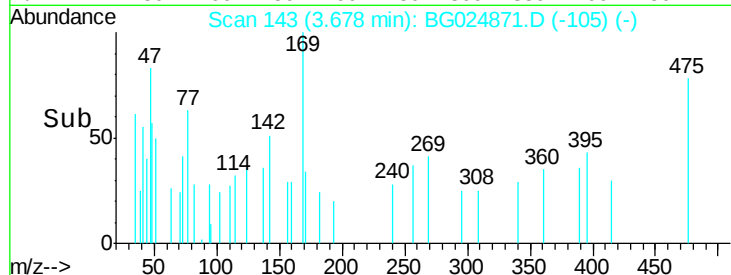
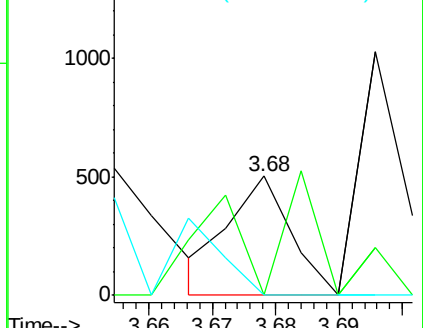
58 0.0 69.4 104.0#



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: 3.77 ng/uL

RT: 7.44 min Scan# 784

Delta R.T. 0.05 min

Lab File: BG024871.D

Acq: 21 Nov 2016 23:03

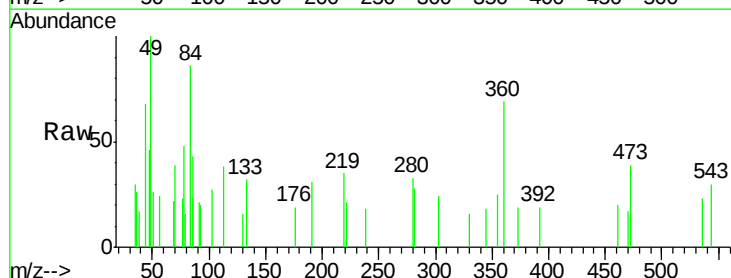
Tgt Ion: 77 Resp: 79

Ion Ratio Lower Upper

77 100

105 0.0 62.0 93.0#

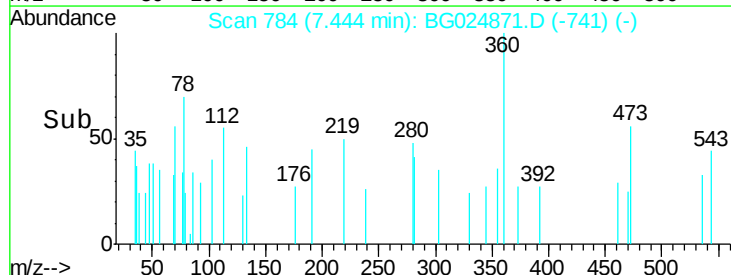
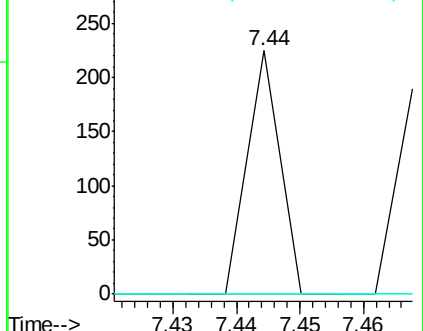
106 0.0 60.2 90.4#

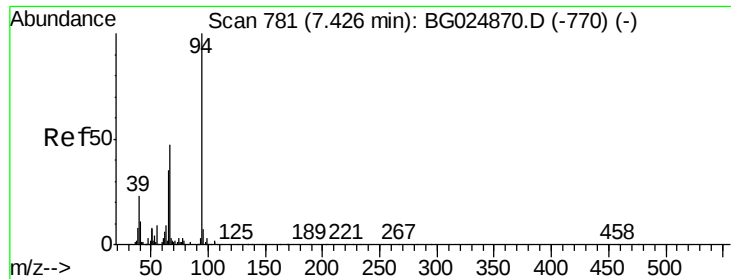


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 1.59 ng/ul

RT: 7.50 min Scan# 793

Delta R.T. 0.07 min

Lab File: BG024871.D

Acq: 21 Nov 2016 23:03

Instrument :

BNA_G

ClientSampleId :

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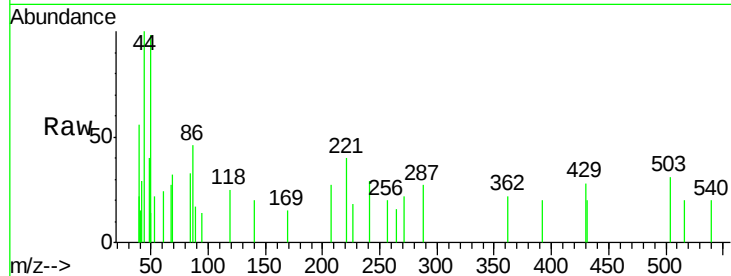
Tgt Ion: 94 Resp: 54

Ion Ratio Lower Upper

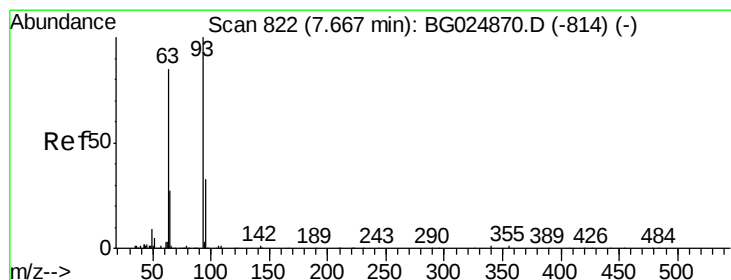
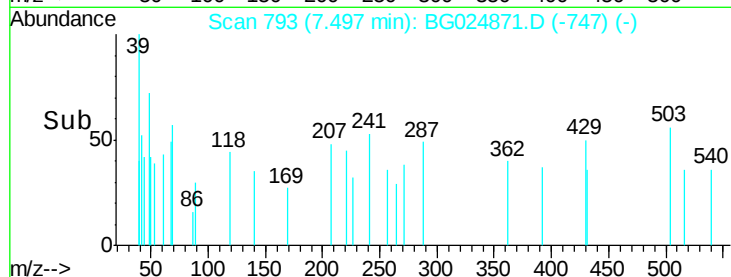
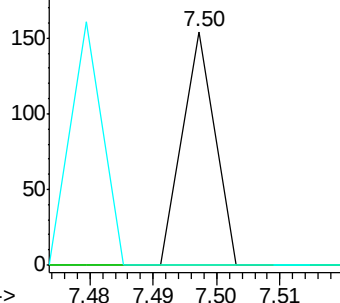
94 100

65 0.0 26.8 40.2#

66 0.0 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: 2.56 ng/ul

RT: 7.72 min Scan# 831

Delta R.T. 0.05 min

Lab File: BG024871.D

Acq: 21 Nov 2016 23:03

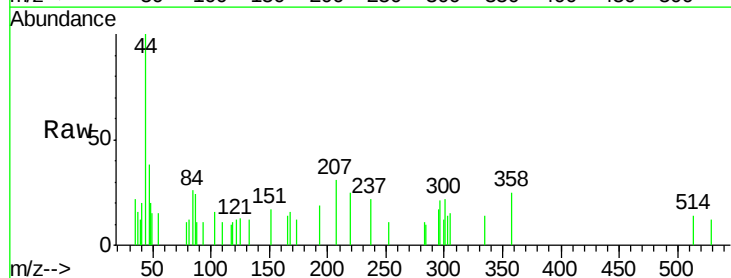
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

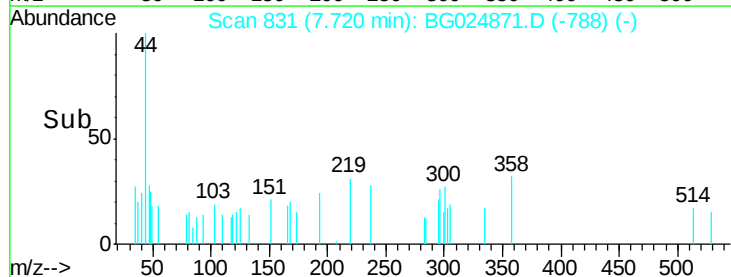
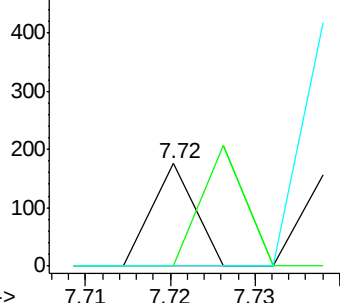
93 100

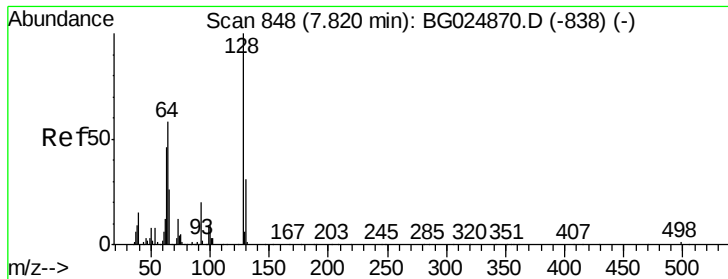
63 0.0 75.5 113.3#

95 0.0 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

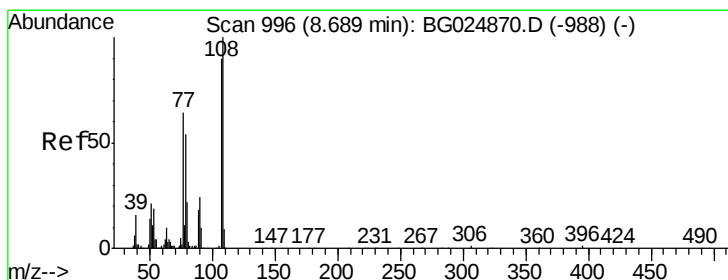
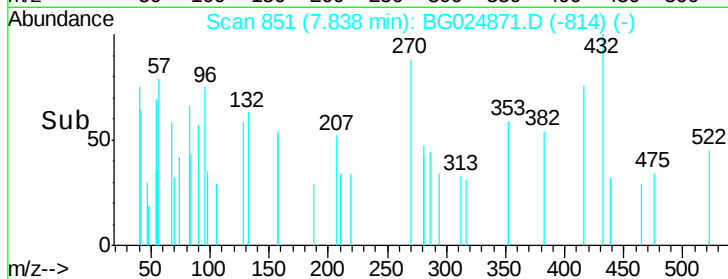
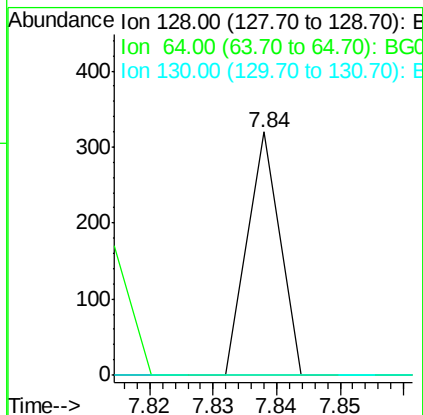
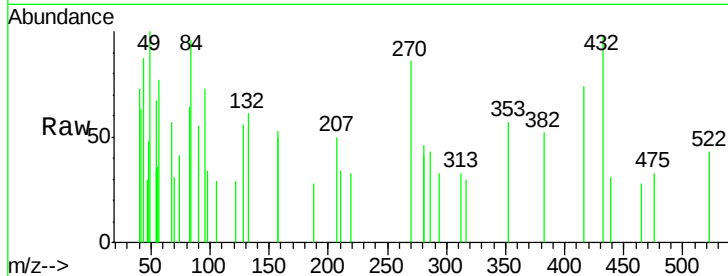




#10
2-Chlorophenol
Concen: 5.00 ng/ul
RT: 7.84 min Scan# 851
Delta R.T. 0.02 min
Lab File: BG024871.D
Acq: 21 Nov 2016 23:03

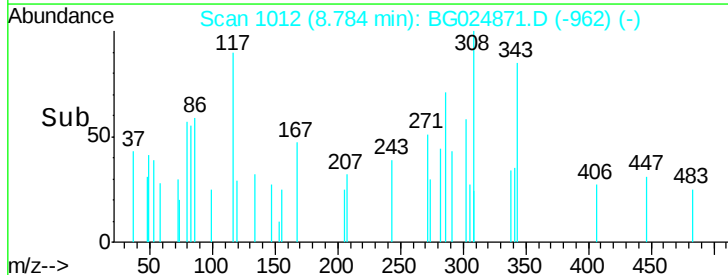
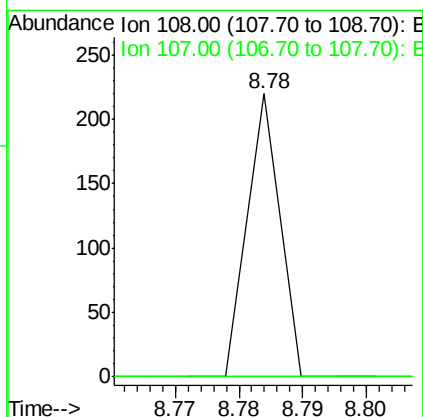
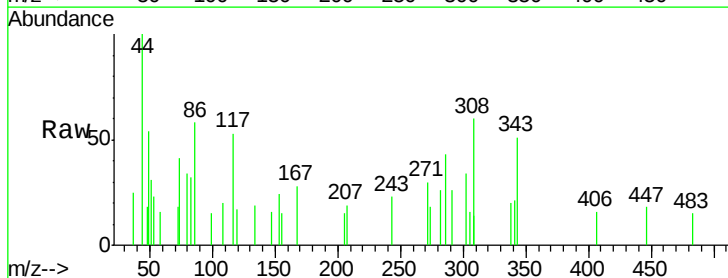
Instrument :
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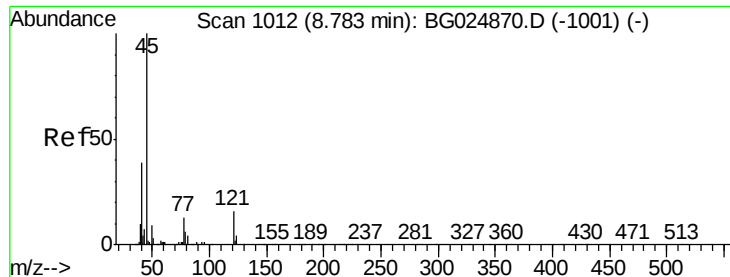
Tgt Ion:128 Resp: 113
Ion Ratio Lower Upper
128 100
64 0.0 56.3 84.5#
130 0.0 26.7 40.1#



#11
2-Methylphenol
Concen: 3.13 ng/ul
RT: 8.78 min Scan# 1012
Delta R.T. 0.09 min
Lab File: BG024871.D
Acq: 21 Nov 2016 23:03

Tgt Ion:108 Resp: 78
Ion Ratio Lower Upper
108 100
107 0.0 76.7 115.1#

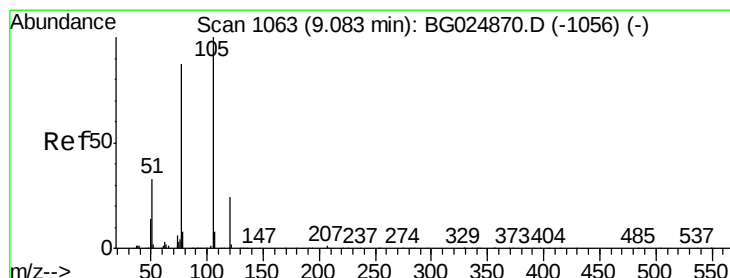
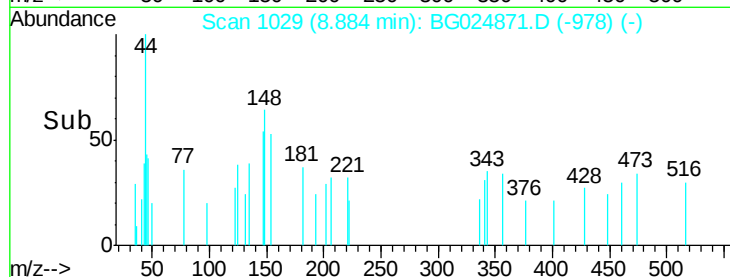
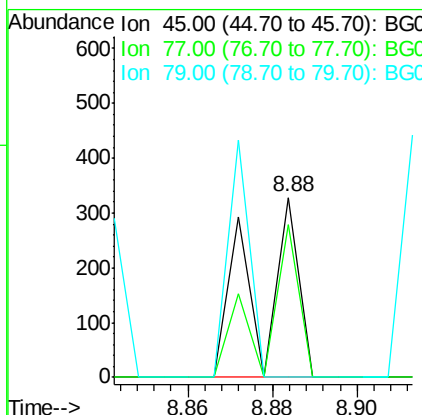
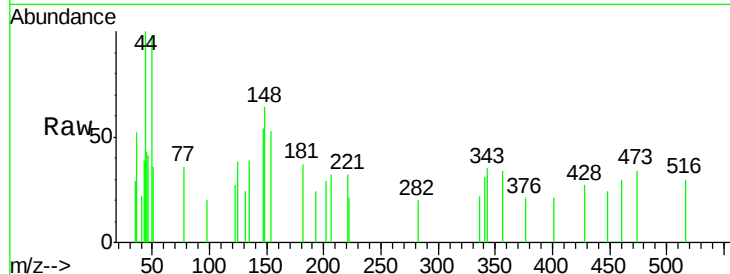




#12
2,2'-oxybis(1-Chloropropane)
Concen: 5.33 ng/ul
RT: 8.88 min Scan# 1029
Delta R.T. 0.10 min
Lab File: BG024871.D
Acq: 21 Nov 2016 23:03

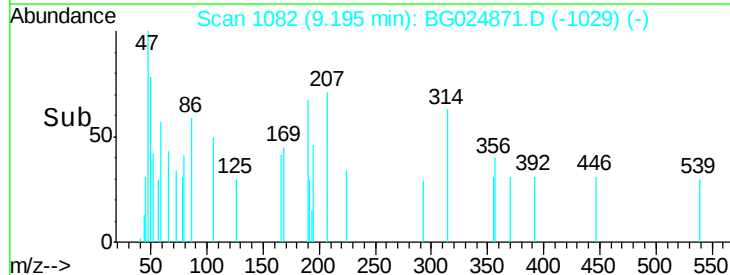
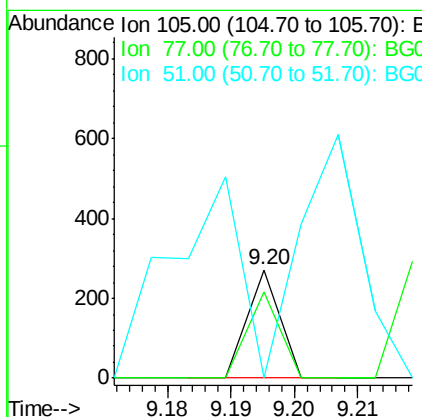
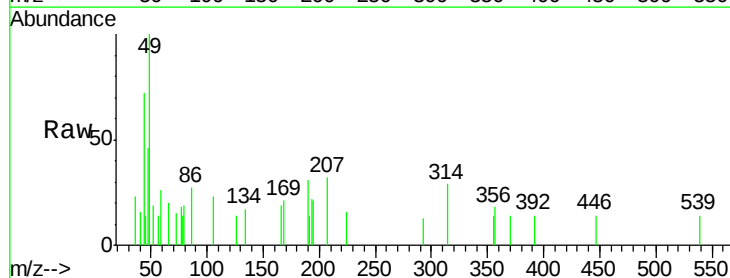
Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

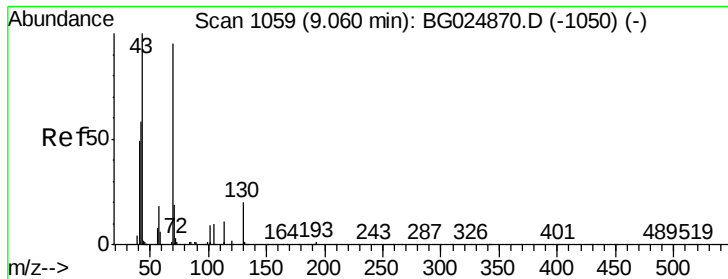
Tgt Ion: 45 Resp: 219
Ion Ratio Lower Upper
45 100
77 84.5 10.0 15.0#
79 0.0 7.3 10.9#



#14
Acetophenone
Concen: 2.33 ng/ul
RT: 9.20 min Scan# 1082
Delta R.T. 0.11 min
Lab File: BG024871.D
Acq: 21 Nov 2016 23:03

Tgt Ion: 105 Resp: 96
Ion Ratio Lower Upper
105 100
77 80.1 76.0 114.0
51 0.0 34.8 52.2#

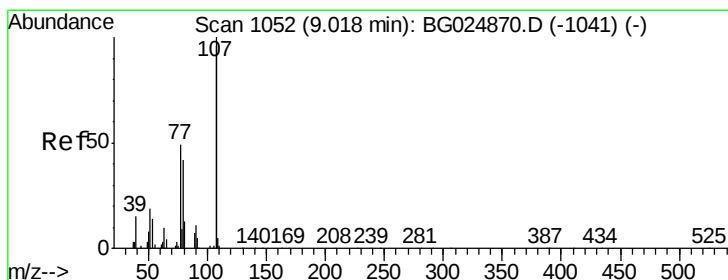
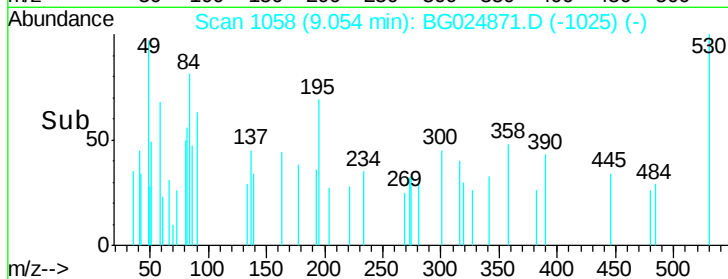
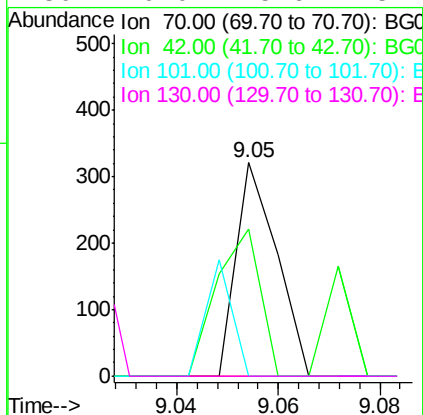
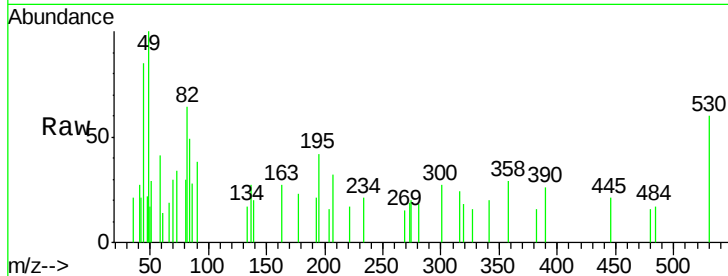




#15
N-Nitroso-di-n-propylamine
Concen: 7.57 ng/ul
RT: 9.05 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BG024871.D
Acq: 21 Nov 2016 23:03

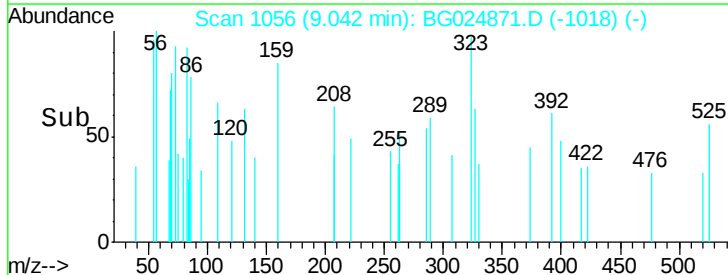
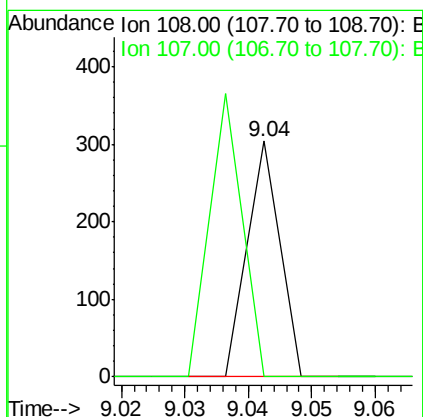
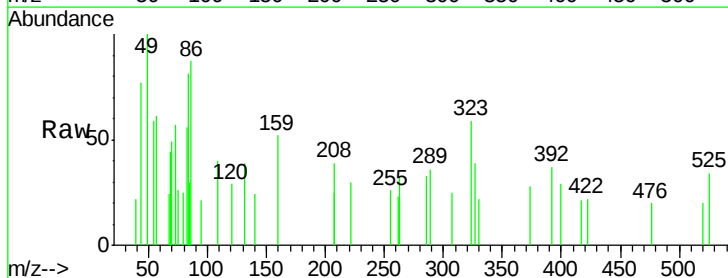
Instrument :
BNA_G
ClientSampleId :
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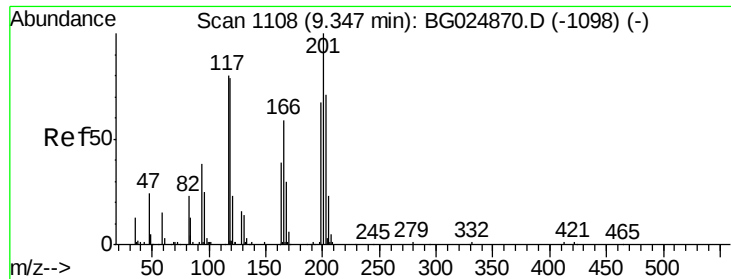
Tgt Ion:	70	Resp:	177
Ion	Ratio	Lower	Upper
70	100		
42	68.8	59.0	88.6
101	0.0	6.6	9.8#
130	0.0	15.6	23.4#



#16
4-Methylphenol
Concen: 3.97 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.02 min
Lab File: BG024871.D
Acq: 21 Nov 2016 23:03

Tgt Ion:	108	Resp:	107
Ion	Ratio	Lower	Upper
108	100		
107	0.0	91.7	137.5#





#17

Hexachloroethane

Concen: 16.83 ng/ul

RT: 9.55 min Scan# 1143

Delta R.T. 0.21 min

Lab File: BG024871.D

Acq: 21 Nov 2016 23:03

Instrument :

BNA_G

ClientSampleId :

SVOC-GPC-BLANK

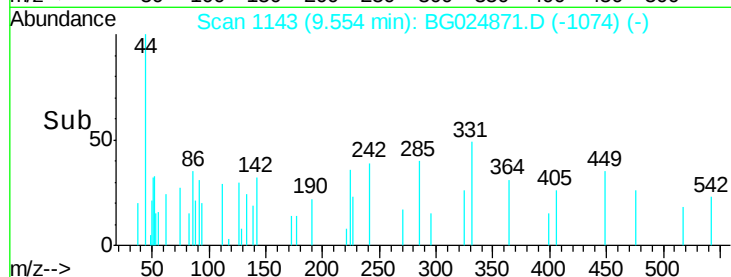
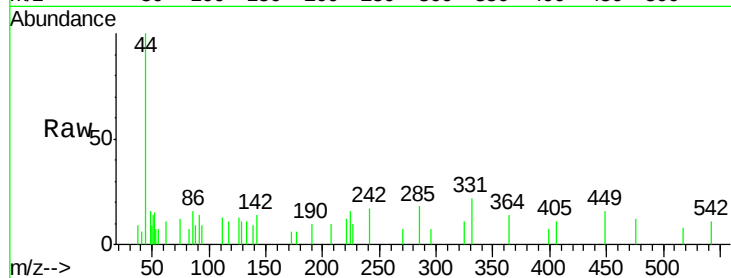
Tgt Ion:117 Resp: 174

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

199 0.0 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

