

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023571.D
 Acq On : 10 Aug 2016 00:21
 Operator : UM/SJ
 Sample : PB92750BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK50

Quant Time: Aug 10 05:04:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	869	20.00	ng/ul	0.03
18) Naphthalene-d8	10.95	136	764023	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	565538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1432501	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1464477	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1421988	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	20369	996.53	ng/uL	0.00
5) Phenol-d5	7.36	99	1006	11.49	ng/ul	0.07
7) Bis-(2-Chloroethyl)ether-d	7.52	67	921	16.42	ng/ul	0.07
9) 2-Chlorophenol-d4	7.70	132	974	16.31	ng/ul	0.04
13) 4-Methylphenol-d8	8.90	113	1061	15.52	ng/ul	0.05
19) Nitrobenzene-d5	9.29	128	166387	27.63	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	189868	27.45	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.56	165	329759	25.28	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	487355	31.84	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	1247726	26.95	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1414873	27.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	201602	25.50	ng/ul	0.00
57) Fluorene-d10	15.78	176	1137934	26.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	221237	24.07	ng/ul	0.00
70) Anthracene-d10	17.65	188	1785688	27.67	ng/ul	0.00
76) Pyrene-d10	19.94	212	1968615	26.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1812299	28.16	ng/ul	0.01

Target Compounds

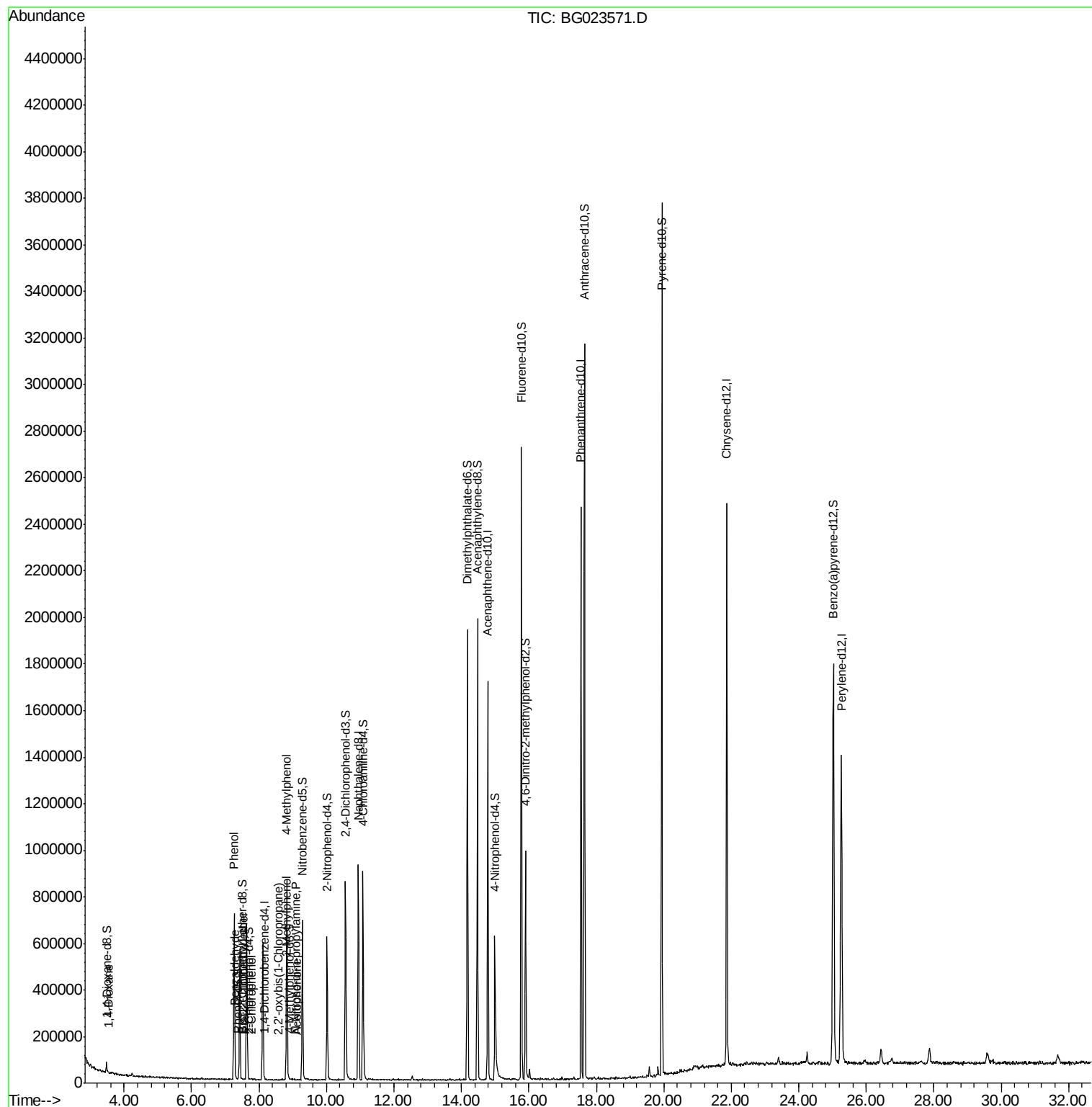
					Qvalue
2) 1,4-Dioxane	3.54	88	334	15.58 ng/uL#	30
4) Benzaldehyde	7.29	77	179	3.35 ng/ul#	1
6) Phenol	7.26	94	175	1.92 ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.53	93	1650	24.93 ng/ul#	83
10) 2-Chlorophenol	7.79	128	136	2.24 ng/ul#	21
11) 2-Methylphenol	8.80	108	80	1.17 ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.57	45	131	1.45 ng/ul#	64
14) Acetophenone	9.11	105	145	1.32 ng/ul#	1
15) N-Nitroso-di-n-propylamine	9.07	70	130	1.97 ng/ul#	28
16) 4-Methylphenol	8.83	108	155	2.01 ng/ul#	1

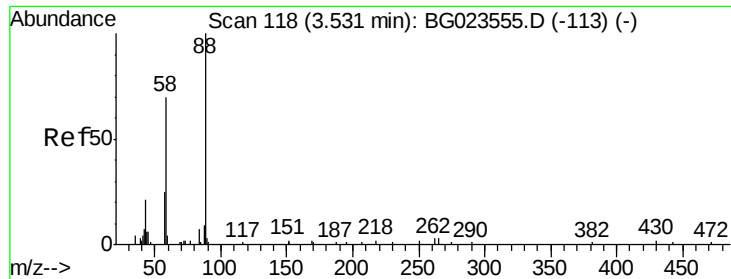
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 15.58 ng/uL

RT: 3.54 min Scan# 119

Delta R.T. 0.01 min

Lab File: BG023571.D

Acq: 10 Aug 2016 00:21

Instrument :

BNA_G

ClientSampleId :

SBLK50

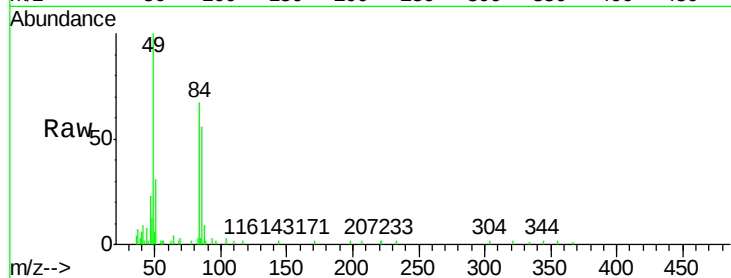
Tgt Ion: 88 Resp: 334

Ion Ratio Lower Upper

88 100

43 0.0 16.6 24.8#

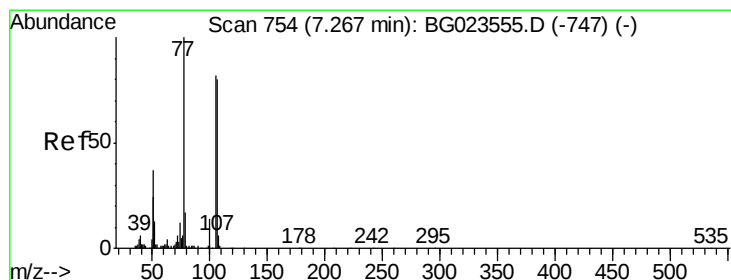
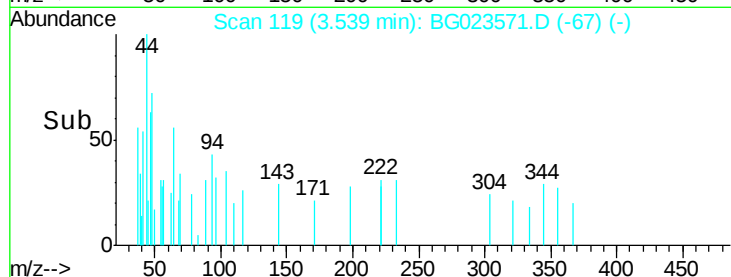
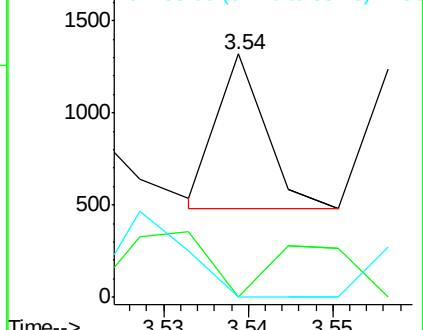
58 0.0 47.2 70.8#



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: 3.35 ng/uL

RT: 7.29 min Scan# 758

Delta R.T. 0.03 min

Lab File: BG023571.D

Acq: 10 Aug 2016 00:21

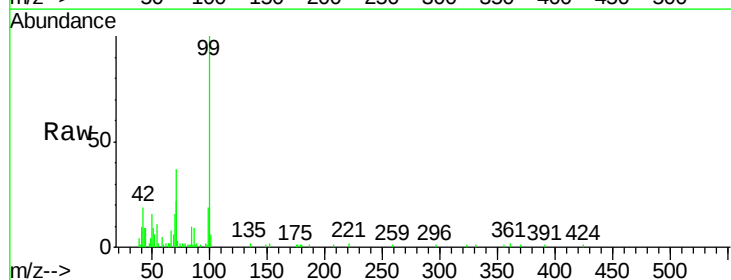
Tgt Ion: 77 Resp: 179

Ion Ratio Lower Upper

77 100

105 0.0 83.8 125.8#

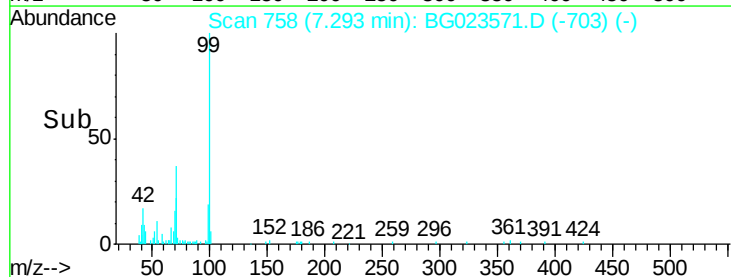
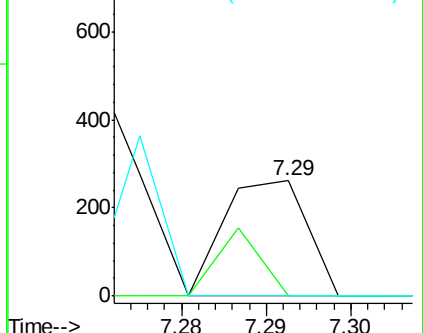
106 0.0 77.9 116.9#

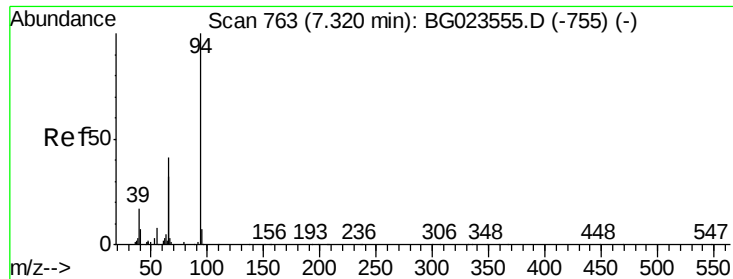


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 1.92 ng/ul

RT: 7.26 min Scan# 752

Delta R.T. -0.06 min

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SBLK50

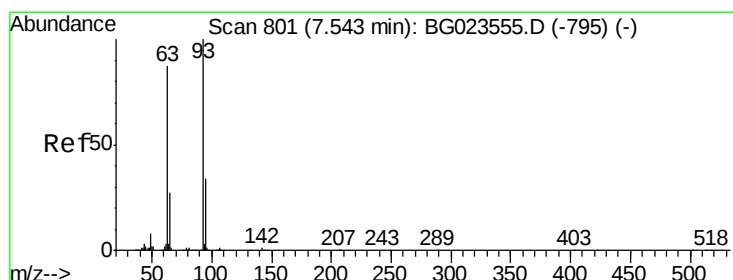
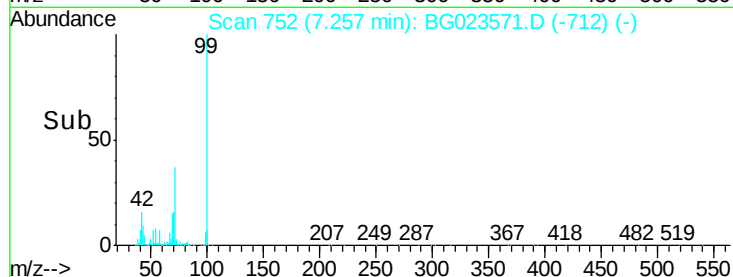
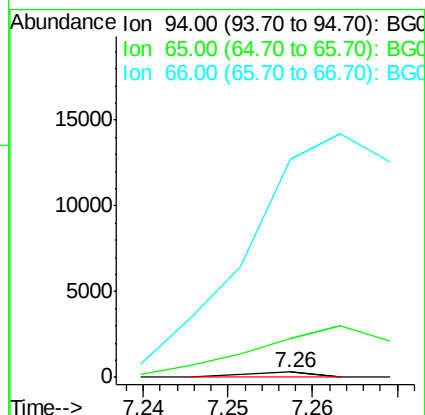
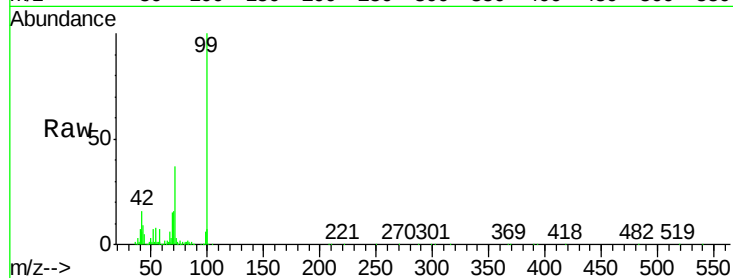
Tgt Ion: 94 Resp: 175

Ion Ratio Lower Upper

94 100

65 748.0 16.8 25.2#

66 4243.3 22.6 33.8#



#8

Bis(2-Chloroethyl)ether

Concen: 24.93 ng/ul

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG023571.D

Acq: 10 Aug 2016 00:21

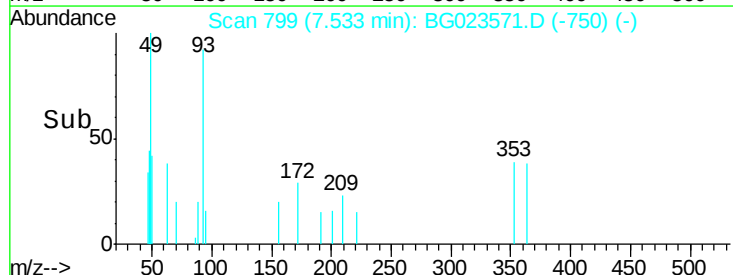
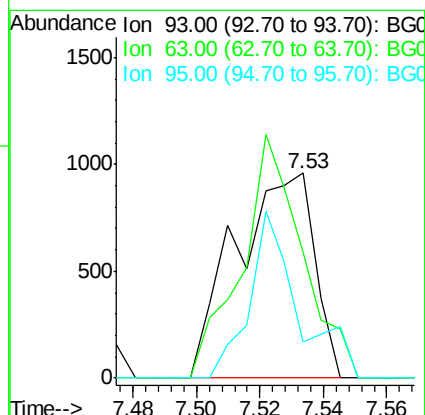
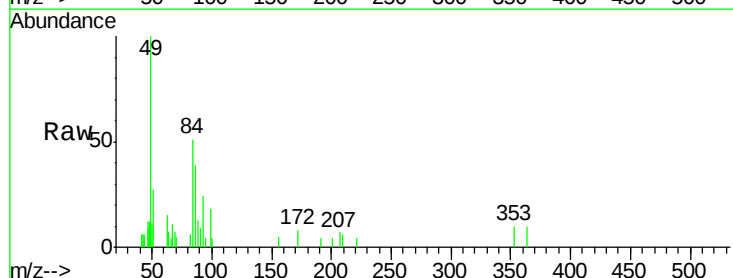
Tgt Ion: 93 Resp: 1650

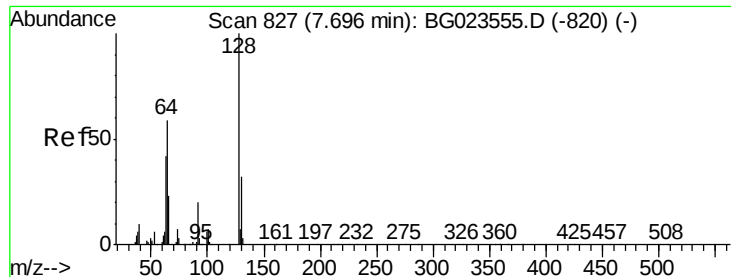
Ion Ratio Lower Upper

93 100

63 61.1 56.0 84.0

95 17.8 27.7 41.5#

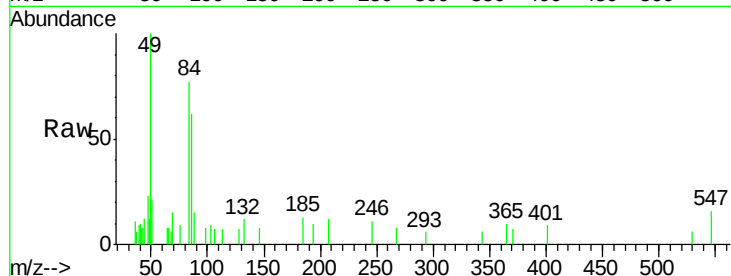




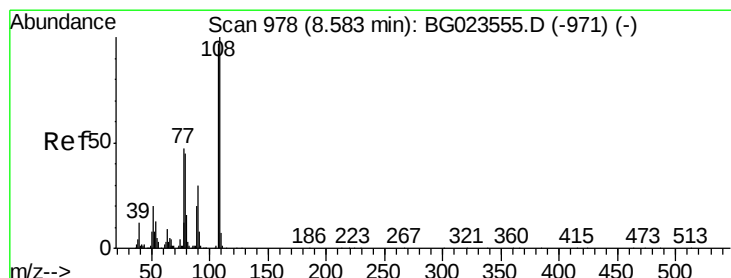
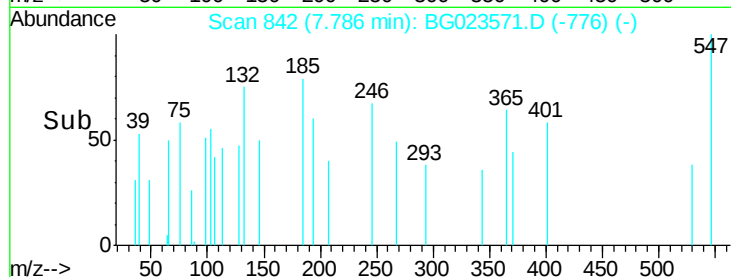
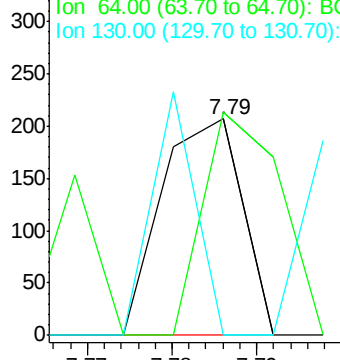
#10
2-Chlorophenol
Concen: 2.24 ng/ul
RT: 7.79 min Scan# 842
Delta R.T. 0.09 min
Lab File: BG023571.D
Acq: 10 Aug 2016 00:21

Instrument :
BNA_G
ClientSampleId :
SBLK50

Tgt Ion:128 Resp: 136
Ion Ratio Lower Upper
128 100
64 102.9 34.2 51.4#
130 0.0 27.0 40.4#

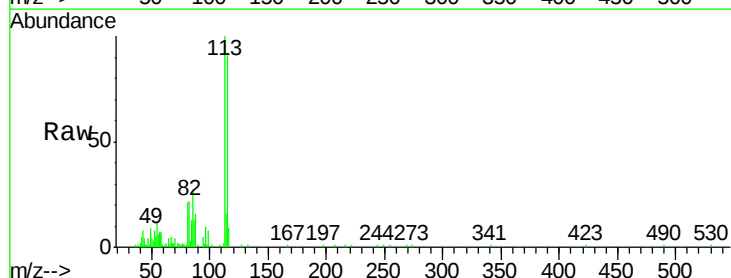


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

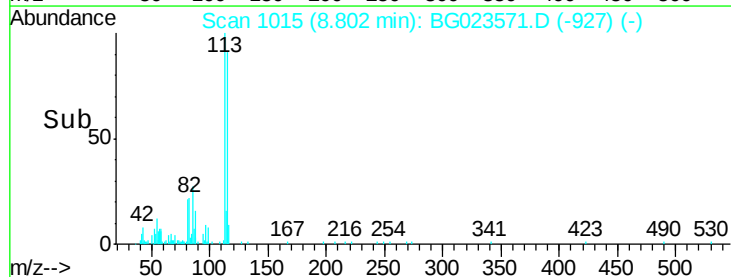
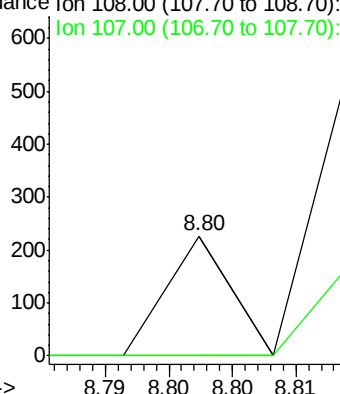


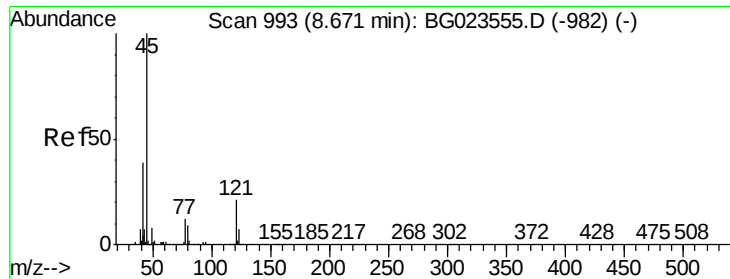
#11
2-Methylphenol
Concen: 1.17 ng/ul
RT: 8.80 min Scan# 1015
Delta R.T. 0.22 min
Lab File: BG023571.D
Acq: 10 Aug 2016 00:21

Tgt Ion:108 Resp: 80
Ion Ratio Lower Upper
108 100
107 0.0 78.6 117.8#



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

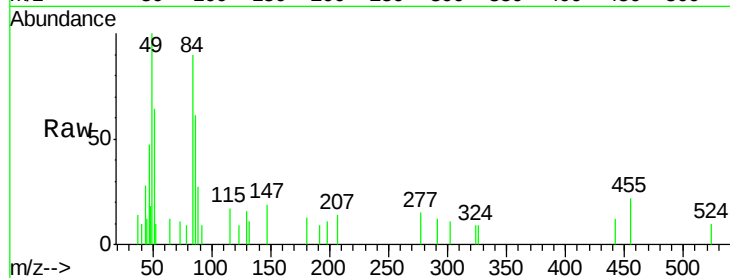




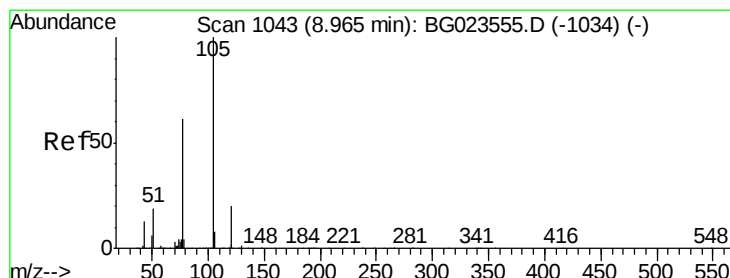
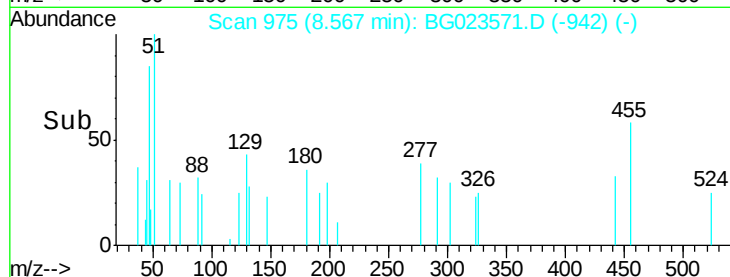
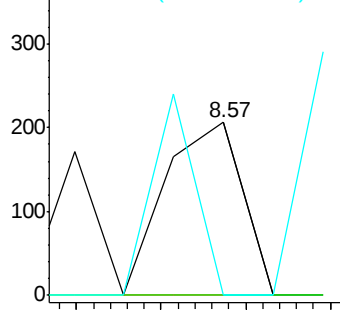
#12
2,2'-oxybis(1-chloropropane)
Concen: 1.45 ng/ul
RT: 8.57 min Scan# 975
Delta R.T. -0.10 min
Lab File: BG023571.D
Acq: 10 Aug 2016 00:21

Instrument :
BNA_G
ClientSampleID :
SBLK50

Tgt Ion: 45 Resp: 131
Ion Ratio Lower Upper
45 100
77 0.0 13.4 20.2#
79 0.0 10.2 15.4#

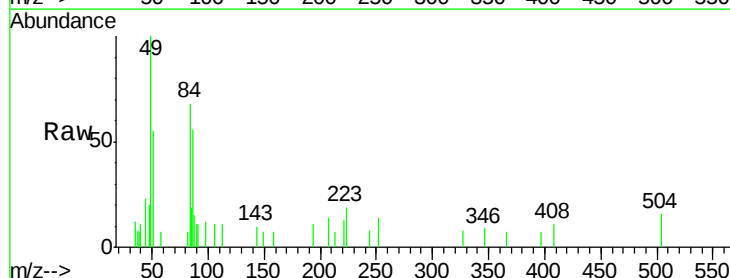


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

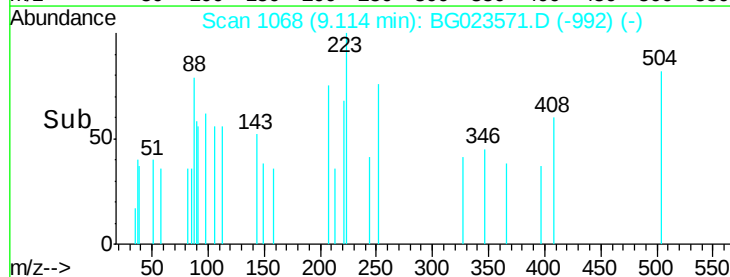
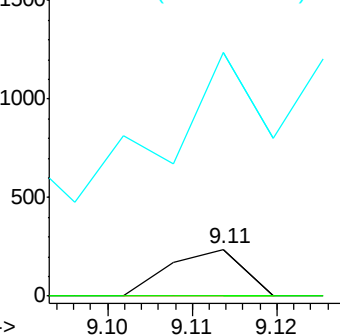


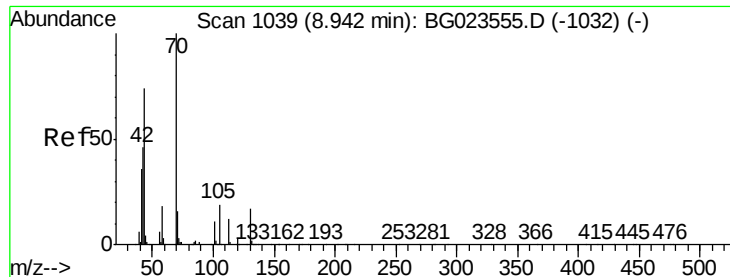
#14
Acetophenone
Concen: 1.32 ng/ul
RT: 9.11 min Scan# 1068
Delta R.T. 0.15 min
Lab File: BG023571.D
Acq: 10 Aug 2016 00:21

Tgt Ion: 105 Resp: 145
Ion Ratio Lower Upper
105 100
77 0.0 56.1 84.1#
51 518.9 14.6 22.0#



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

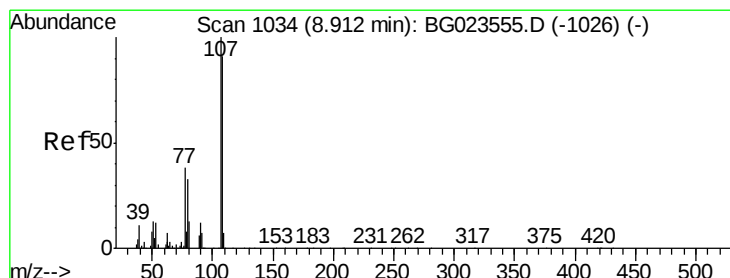
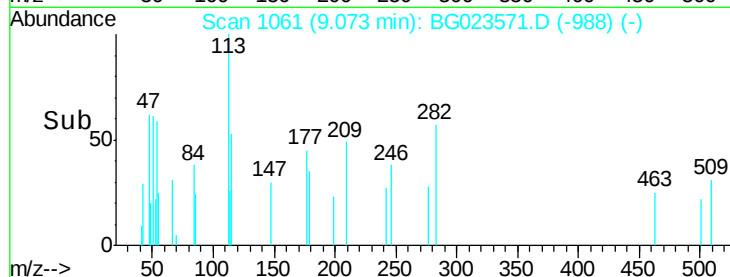
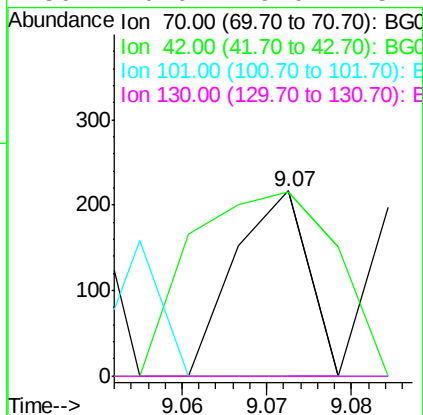
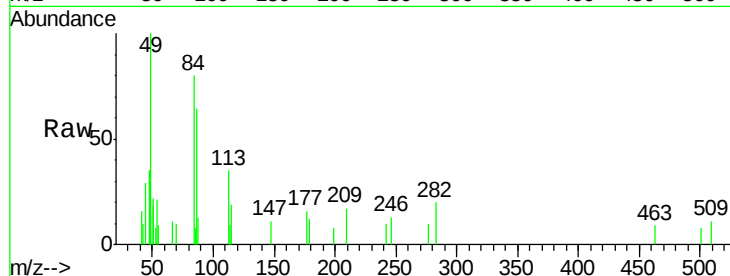




#15
N-Nitroso-di-n-propylamine
Concen: 1.97 ng/ul
RT: 9.07 min Scan# 1061
Delta R.T. 0.13 min
Lab File: BG023571.D
Acq: 10 Aug 2016 00:21

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Tgt Ion: 70 Resp: 130
Ion Ratio Lower Upper
70 100
42 99.5 31.4 47.2#
101 0.0 8.6 13.0#
130 0.0 19.0 28.4#



#16
4-Methylphenol
Concen: 2.01 ng/ul
RT: 8.83 min Scan# 1019
Delta R.T. -0.09 min
Lab File: BG023571.D
Acq: 10 Aug 2016 00:21

Tgt Ion: 108 Resp: 155
Ion Ratio Lower Upper
108 100
107 0.0 88.3 132.5#

