

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023570.D
 Acq On : 9 Aug 2016 23:43
 Operator : UM/SJ
 Sample : H4314-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJT0

Quant Time: Aug 10 05:04:38 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

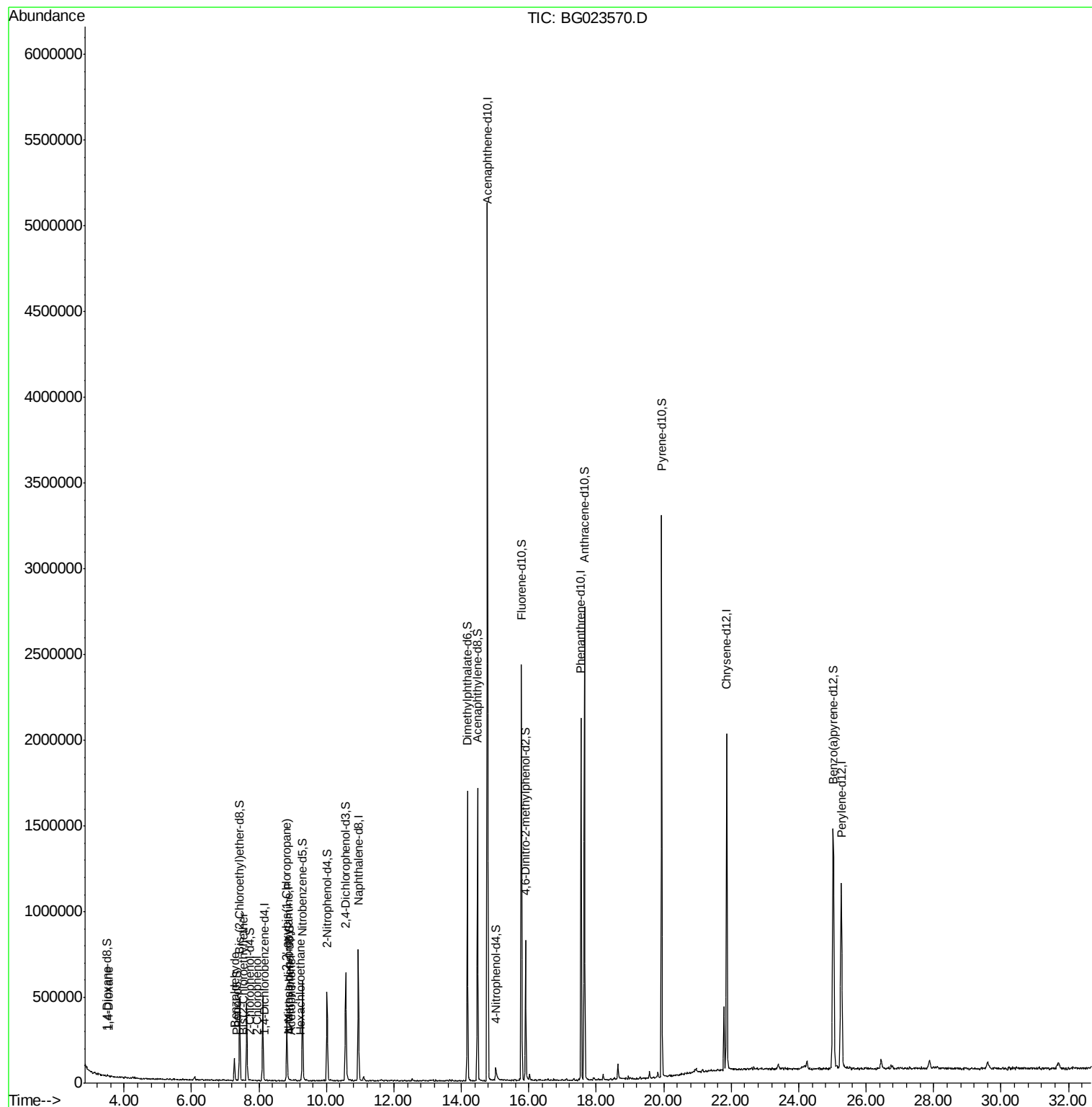
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	504	20.00	ng/ul	0.02
18) Naphthalene-d8	10.94	136	638416	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	471768	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1197526	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1223593	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1192461	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	2046	172.59	ng/uL	0.00
5) Phenol-d5	7.35	99	643	12.66	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.43	67	244221	7507.45	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.71	132	435	12.56	ng/ul	0.04
13) 4-Methylphenol-d8	8.89	113	614	15.49	ng/ul	0.05
19) Nitrobenzene-d5	9.29	128	140577	27.94	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	158079	27.35	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	261313	23.97	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.10	131	9497	0.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1060964	27.47	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1228172	28.25	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.02	143	18855	2.86	ng/ul	0.02
57) Fluorene-d10	15.78	176	993182	27.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	180962	23.55	ng/ul	0.00
70) Anthracene-d10	17.65	188	1537277	28.49	ng/ul	0.00
76) Pyrene-d10	19.94	212	1717259	27.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1535503	28.45	ng/ul	0.02
Target Compounds						
2) 1,4-Dioxane	3.54	88	533	42.86	ng/uL#	30
4) Benzaldehyde	7.29	77	120	3.88	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.53	93	387	10.08	ng/ul#	62
10) 2-Chlorophenol	7.95	128	210	5.95	ng/ul#	36
12) 2,2'-oxybis(1-Chloropropan	8.82	45	842	16.03	ng/ul#	66
14) Acetophenone	8.94	105	164	2.58	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.88	70	421	11.01	ng/ul#	46
17) Hexachloroethane	9.23	117	154	10.12	ng/ul#	10

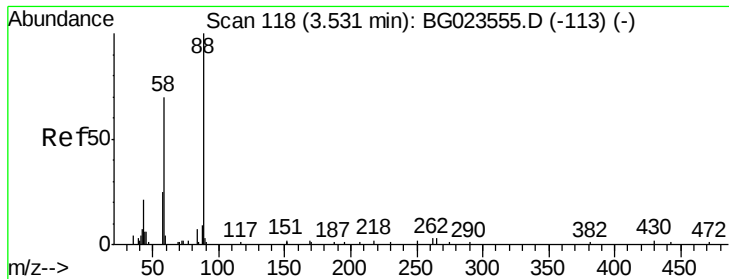
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023570.D
Acq On : 9 Aug 2016 23:43
Operator : UM/SJ
Sample : H4314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJT0

Quant Time: Aug 10 05:04:38 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





#2

1,4-Dioxane

Concen: 42.86 ng/uL

RT: 3.54 min Scan# 119

Delta R.T. 0.01 min

Lab File: BG023570.D

Acq: 9 Aug 2016 23:43

Instrument :

BNA_G

ClientSampleId :

BDJT0

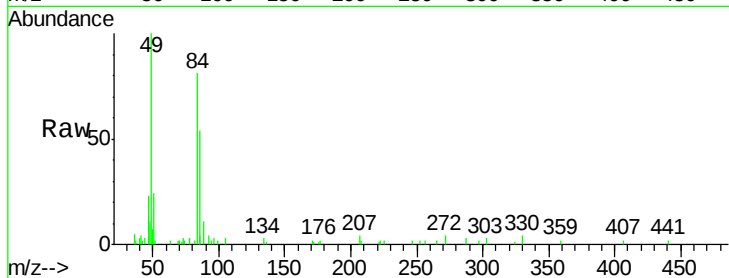
Tgt Ion: 88 Resp: 533

Ion Ratio Lower Upper

88 100

43 0.0 16.6 24.8#

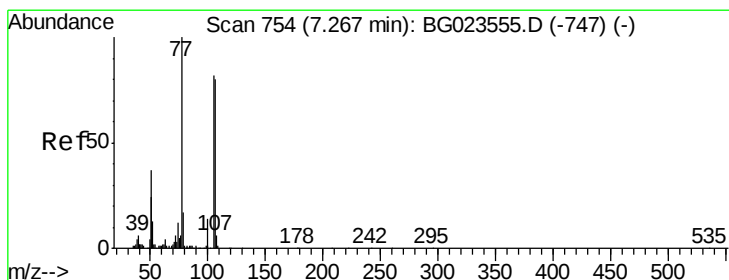
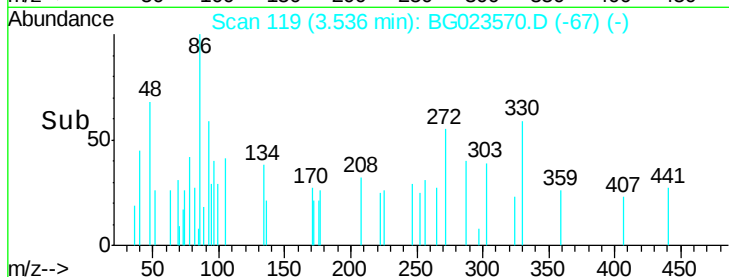
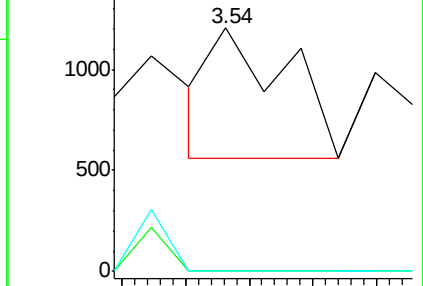
58 0.0 47.2 70.8#



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: 3.88 ng/uL

RT: 7.29 min Scan# 758

Delta R.T. 0.02 min

Lab File: BG023570.D

Acq: 9 Aug 2016 23:43

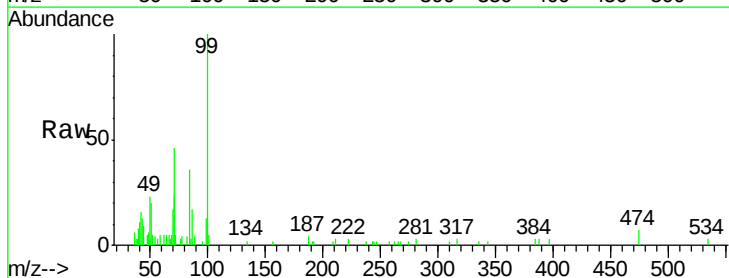
Tgt Ion: 77 Resp: 120

Ion Ratio Lower Upper

77 100

105 0.0 83.8 125.8#

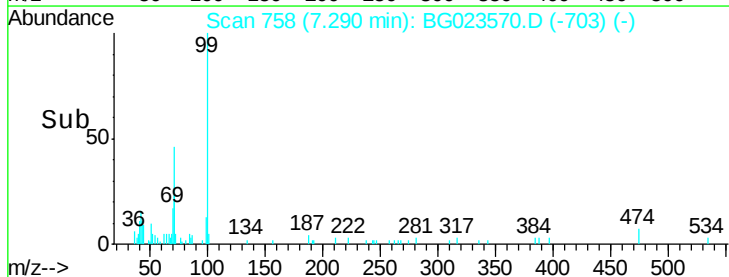
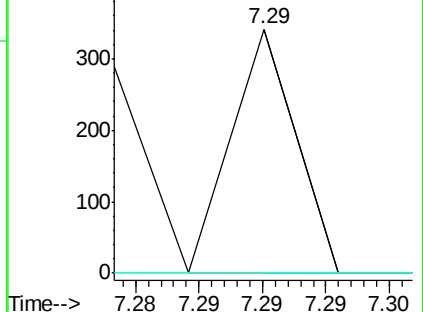
106 0.0 77.9 116.9#

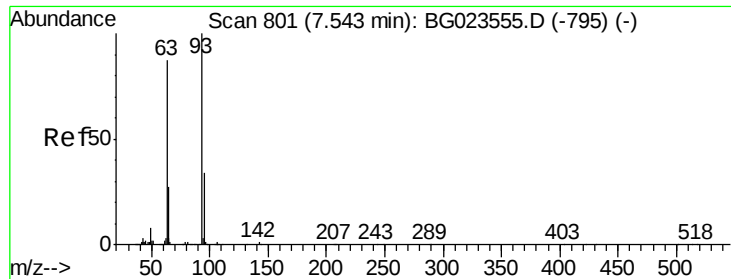


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 10.08 ng/ul

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG023570.D

Acq: 9 Aug 2016 23:43

Instrument :

BNA_G

ClientSampleId :

BDJT0

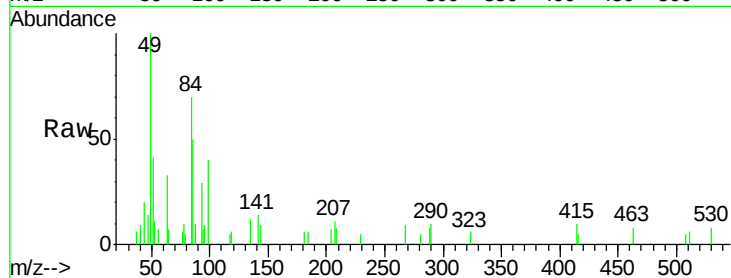
Tgt Ion: 93 Resp: 387

Ion Ratio Lower Upper

93 100

63 113.2 56.0 84.0#

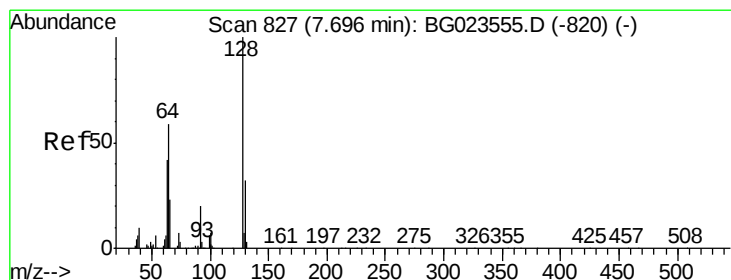
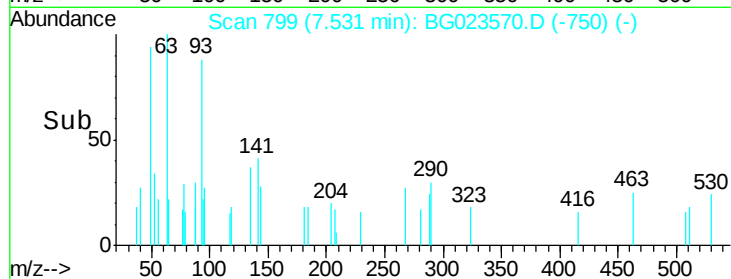
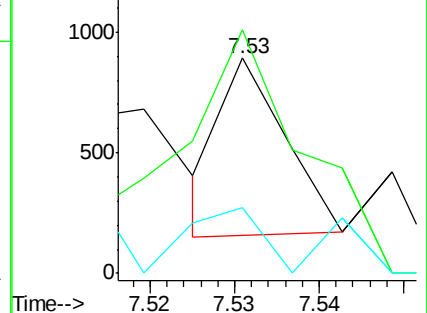
95 30.4 27.7 41.5



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: 5.95 ng/ul

RT: 7.95 min Scan# 871

Delta R.T. 0.26 min

Lab File: BG023570.D

Acq: 9 Aug 2016 23:43

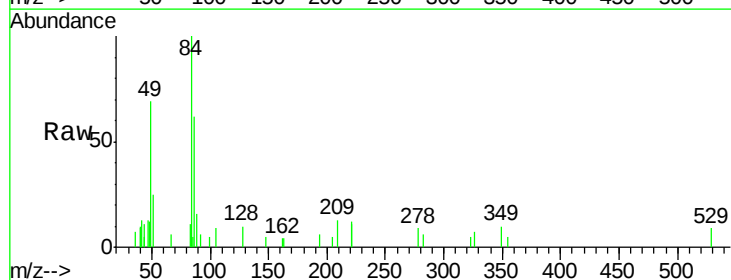
Tgt Ion: 128 Resp: 210

Ion Ratio Lower Upper

128 100

64 0.0 34.2 51.4#

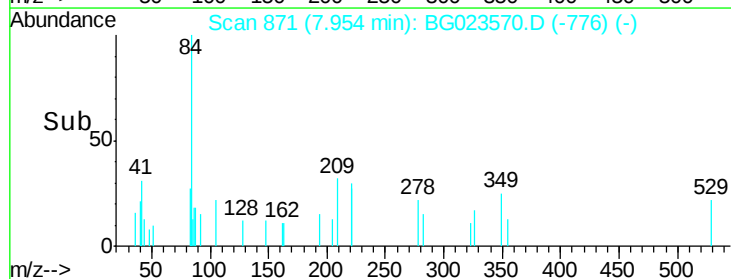
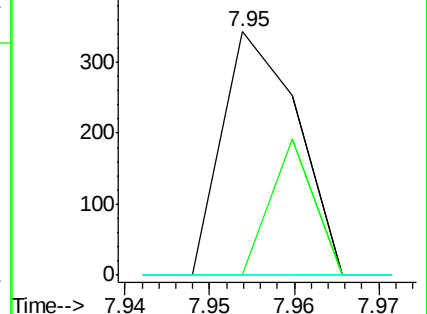
130 0.0 27.0 40.4#

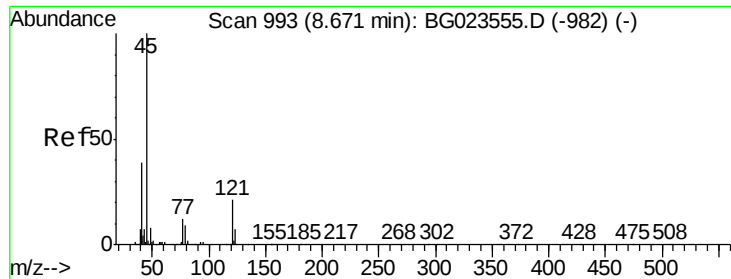


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

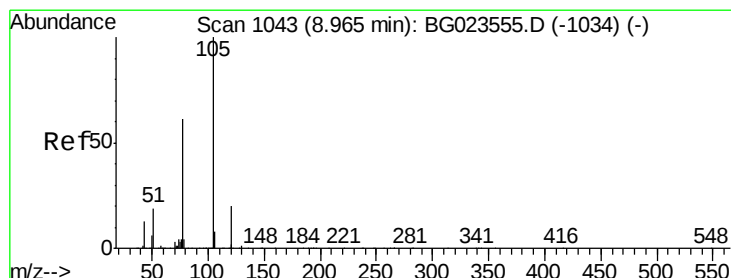
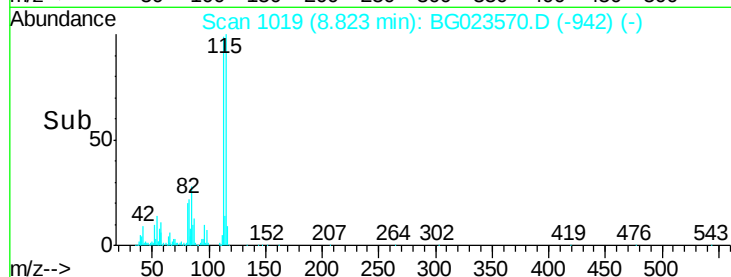
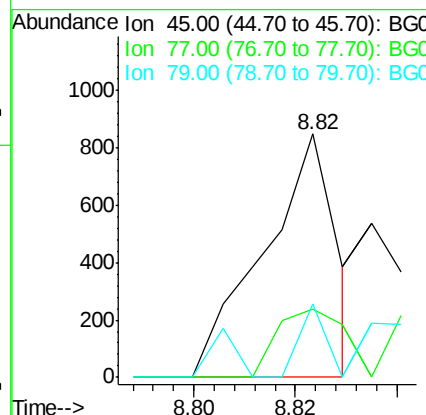
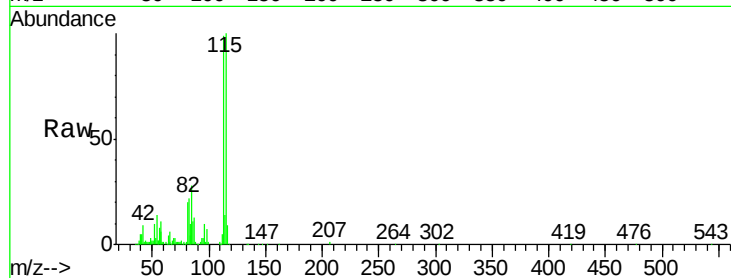




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 16.03 ng/ul
 RT: 8.82 min Scan# 1019
 Delta R.T. 0.15 min
 Lab File: BG023570.D
 Acq: 9 Aug 2016 23:43

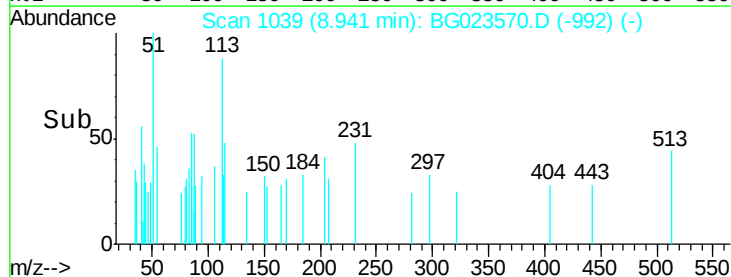
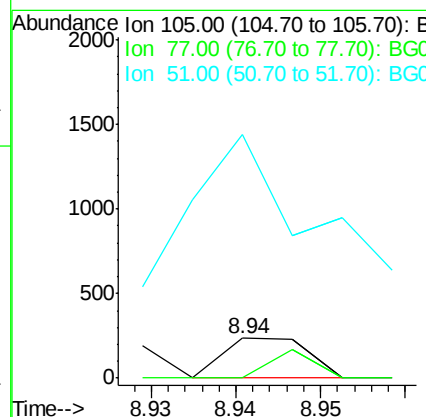
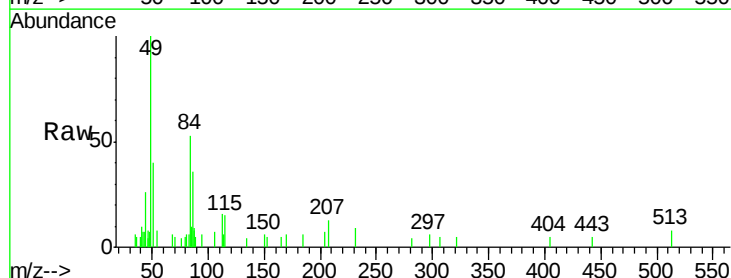
Instrument :
 BNA_G
 ClientSampleId :
 BDJT0

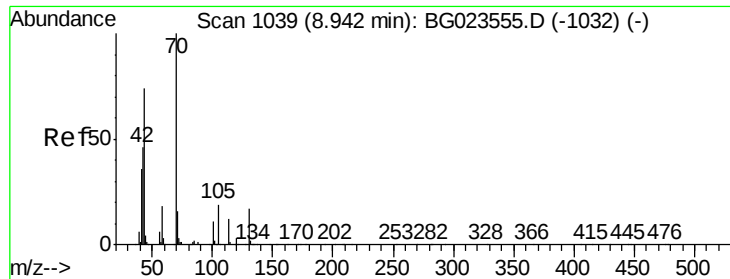
Tgt Ion: 45 Resp: 842
 Ion Ratio Lower Upper
 45 100
 77 28.2 13.4 20.2#
 79 30.0 10.2 15.4#



#14
 Acetophenone
 Concen: 2.58 ng/ul
 RT: 8.94 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG023570.D
 Acq: 9 Aug 2016 23:43

Tgt Ion: 105 Resp: 164
 Ion Ratio Lower Upper
 105 100
 77 0.0 56.1 84.1#
 51 615.4 14.6 22.0#

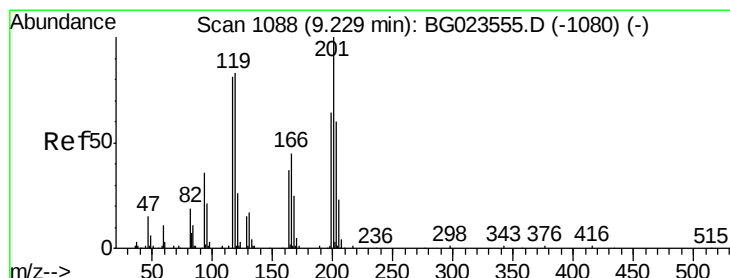
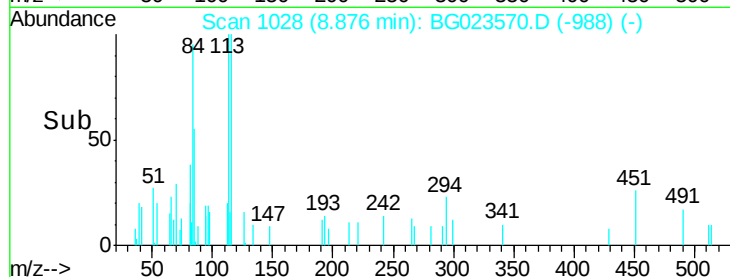
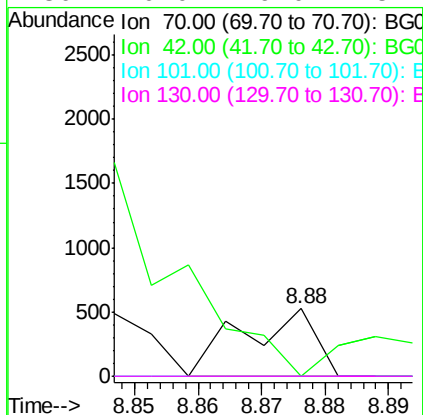
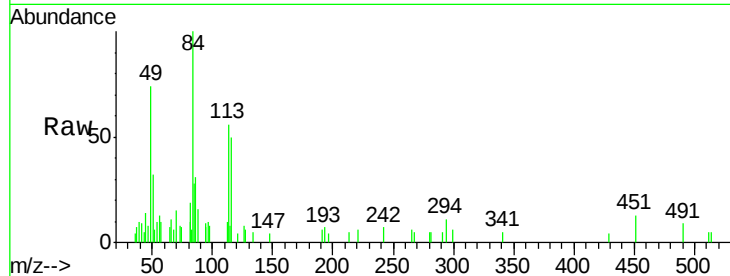




#15
N-Nitroso-di-n-propylamine
Concen: 11.01 ng/ul
RT: 8.88 min Scan# 1028
Delta R.T. -0.07 min
Lab File: BG023570.D
Acq: 9 Aug 2016 23:43

Instrument :
BNA_G
ClientSampled :
BDJT0

Tgt Ion: 70 Resp: 421
Ion Ratio Lower Upper
70 100
42 0.0 31.4 47.2#
101 0.0 8.6 13.0#
130 0.0 19.0 28.4#



#17
Hexachloroethane
Concen: 10.12 ng/ul
RT: 9.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BG023570.D
Acq: 9 Aug 2016 23:43

Tgt Ion: 117 Resp: 154
Ion Ratio Lower Upper
117 100
201 0.0 76.8 115.2#
199 0.0 43.5 65.3#

