

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000947.D
 Acq On : 8 Jun 2012 19:31
 Sample : D2994-02
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 11 15:29 2012

Vial: 13
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Jun 08 15:52:40 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.71	152	283006	2.00	ug/mL	0.00
6) Naphthalene-d8	6.01	136	1148871	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.06	99	182123	0.41	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.00%
12) 2-Bromothioanisole	7.30	204	261813	3.34	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#

Target Compounds

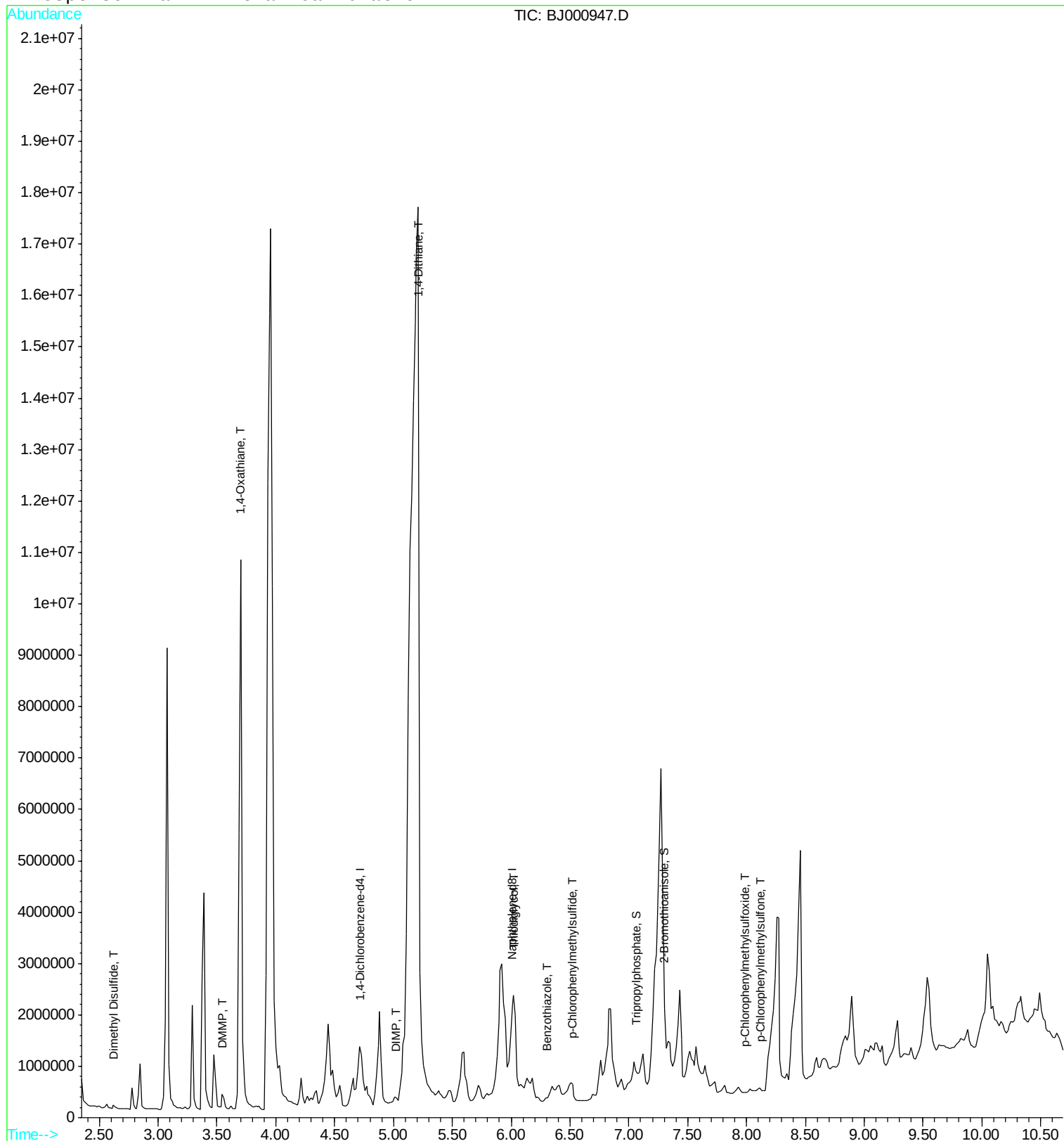
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.62	94	8053	0.08	ug/mL#	1
3) DMMP	3.55	79	10135	0.13	ug/mL#	16
4) DIMP	5.03	97	23187	0.10	ug/mL#	1
5) 1,4-Oxathiane	3.70	46	5043187	53.36	ug/mL	75
7) 1,4-Dithiane	5.21	46	12545490	153.30	ug/mL#	64
8) Thiodiglycol	6.02	61	55200	2.26	ug/mL	84
9) Benzothiazole	6.31	135	8957	0.03	ug/mL#	17
11) p-Chlorophenylmethyldisulfide	6.52	158	8265	0.04	ug/mL#	1
13) p-Chlorophenylmethyldisulfox	7.99	159	4566	0.08	ug/mL#	65
14) p-Chlorophenylmethyldisulfon	8.11	111	10022	0.06	ug/mL#	30

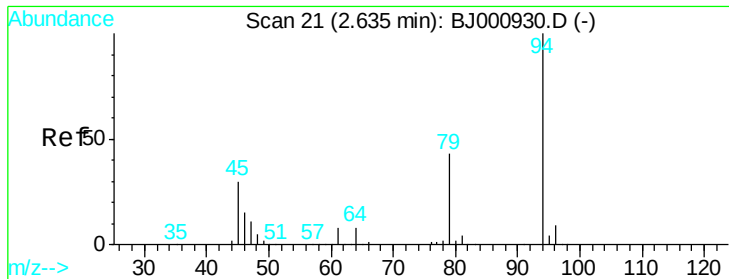
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#2

Dimethyl Disulfide

Concen: 0.08 ug/mL

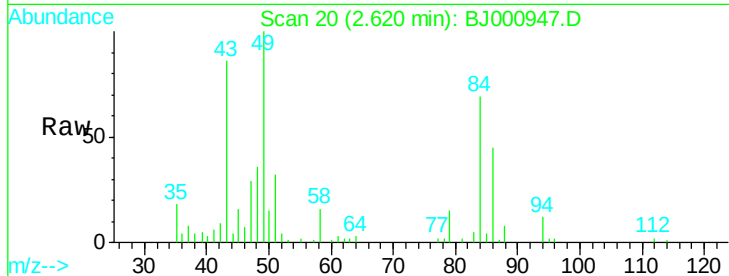
RT: 2.62 min Scan# 20

Delta R.T. -0.01 min

Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

Tgt Ion:	94	Resp:	8053
Ion	Ratio	Lower	Upper
94	100		
45	131.1	11.1	51.1#
79	121.3	22.9	62.9#

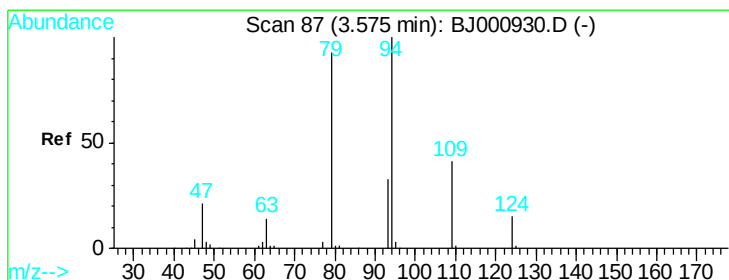
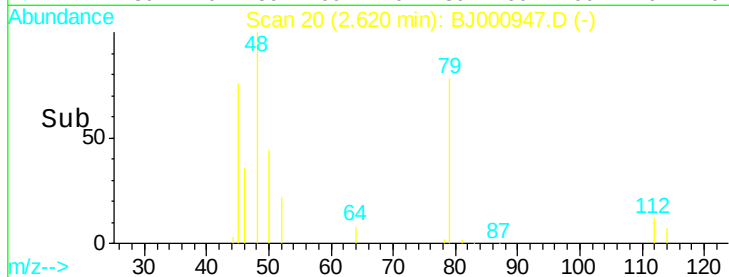
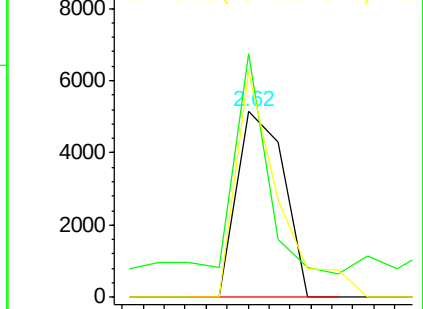


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 0.13 ug/mL

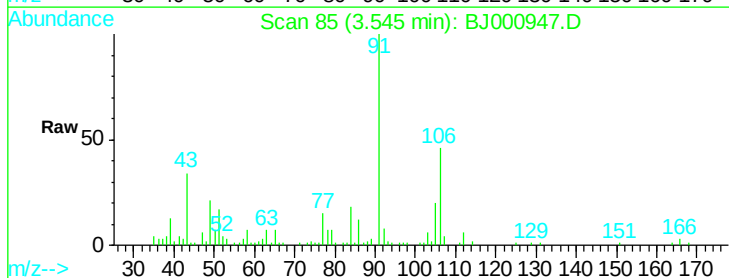
RT: 3.55 min Scan# 85

Delta R.T. -0.03 min

Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

Tgt Ion:	79	Resp:	10135
Ion	Ratio	Lower	Upper
79	100		
94	13.3	87.0	127.0#
109	0.0	24.1	64.1#

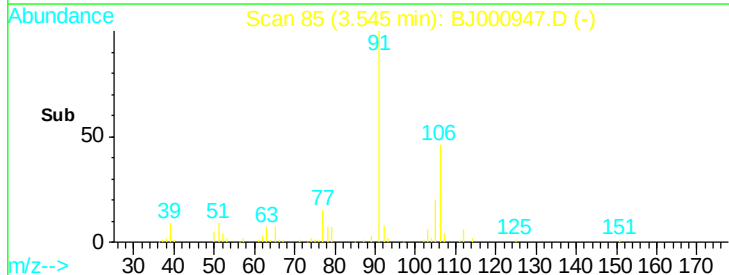
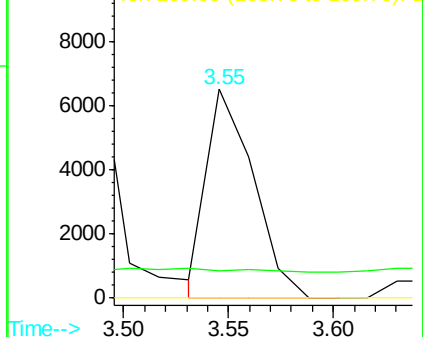


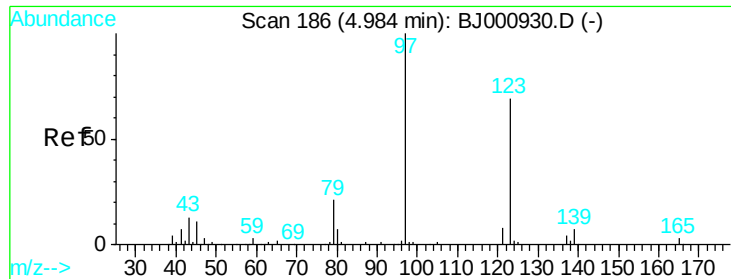
Abundance

Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0





#4

DIMP

Concen: 0.10 ug/mL

RT: 5.03 min Scan# 189

Delta R.T. 0.04 min

Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

Tgt Ion: 97 Resp: 23187

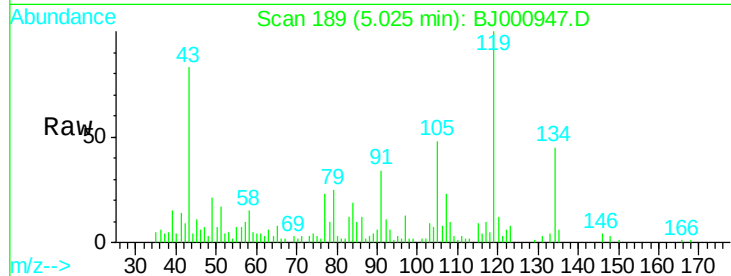
Ion Ratio Lower Upper

97 100

123 58.9 49.1 89.1

43 624.3 0.0 33.2#

41 103.2 0.0 26.5#



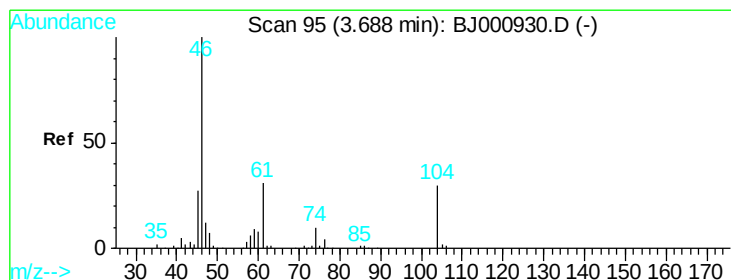
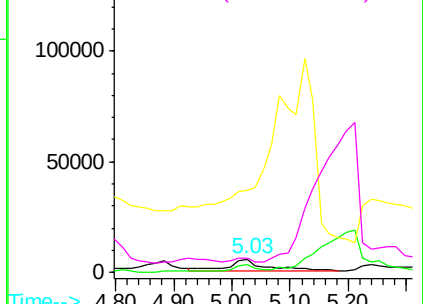
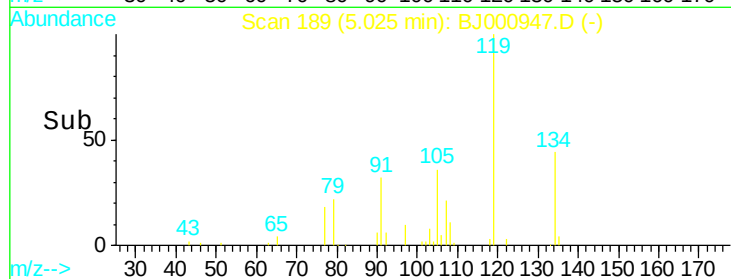
Abundance

Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



#5

1,4-Oxathiane

Concen: 53.36 ug/mL

RT: 3.70 min Scan# 96

Delta R.T. 0.01 min

Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

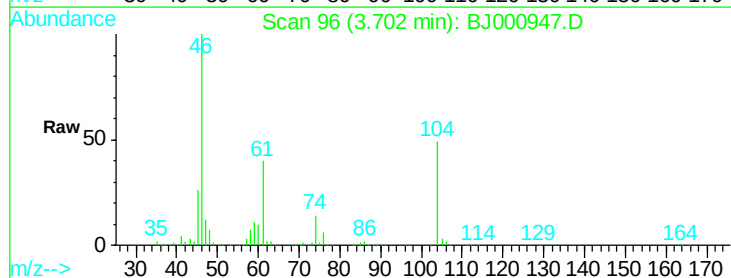
Tgt Ion: 46 Resp: 5043187

Ion Ratio Lower Upper

46 100

61 39.8 11.2 51.2

104 48.7 10.0 50.0

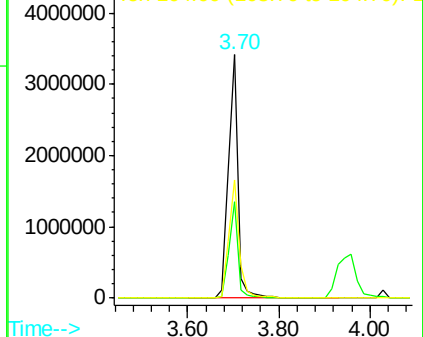
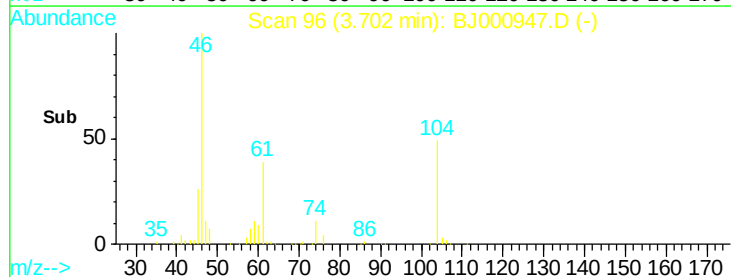


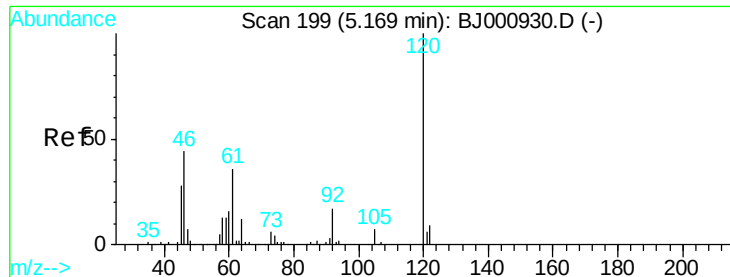
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 153.30 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.04 min

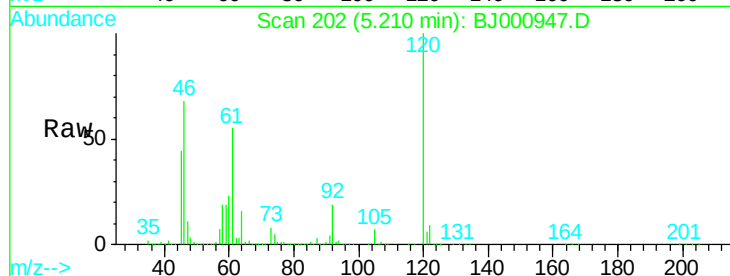
Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

Tgt Ion: 46 Resp:12545490

Ion Ratio Lower Upper

46	100		
61	81.1	61.9	101.9
120	147.2	208.1	248.1

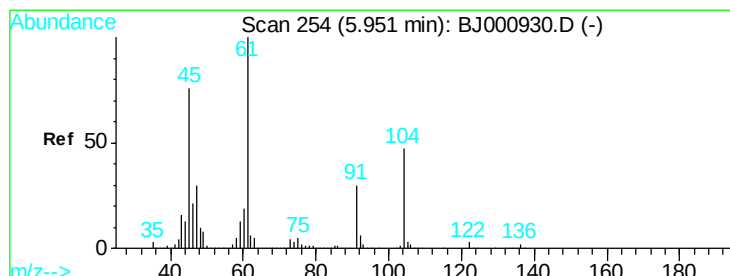
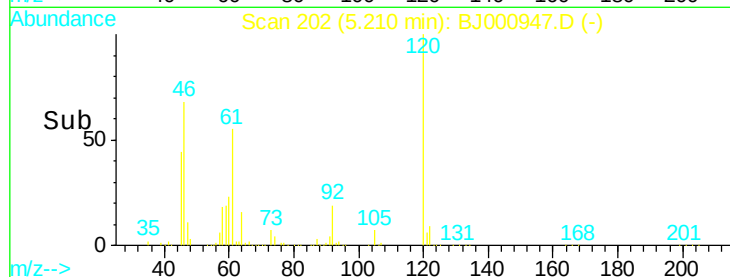
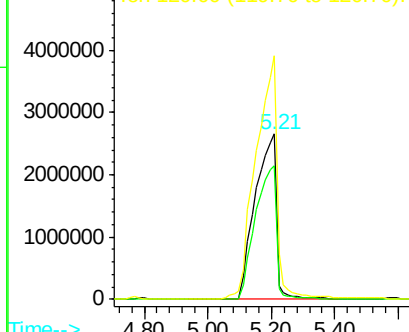


Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0



#8

Thiodiglycol

Concen: 2.26 ug/mL

RT: 6.02 min Scan# 259

Delta R.T. 0.07 min

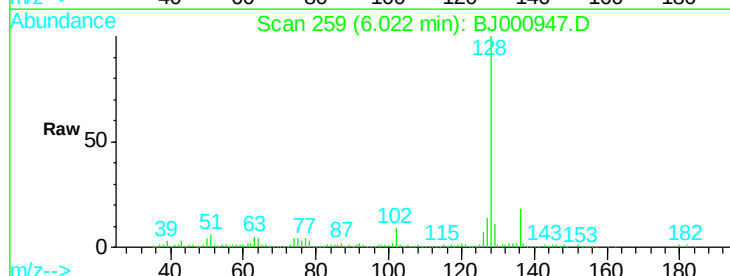
Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

Tgt Ion: 61 Resp: 55200

Ion Ratio Lower Upper

61	100		
45	60.9	56.3	96.3
47	24.8	10.1	50.1

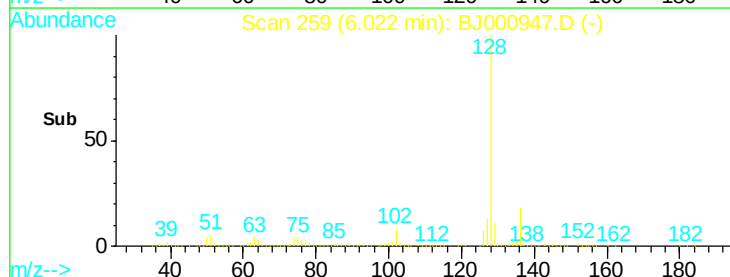
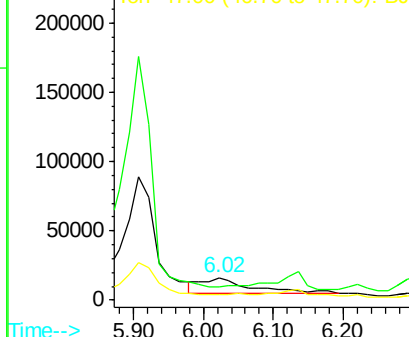


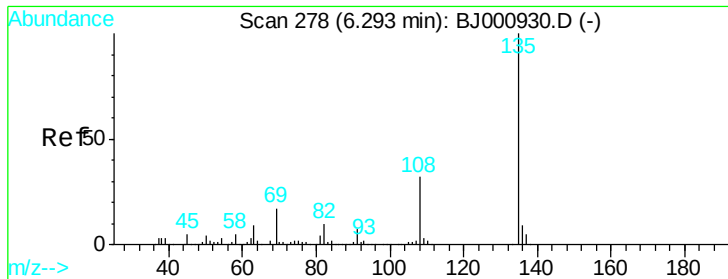
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0





#9

Benzothiazole

Concen: 0.03 ug/mL

RT: 6.31 min Scan# 279

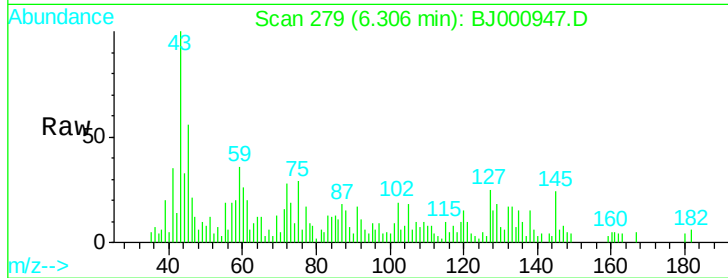
Delta R.T. 0.01 min

Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

Tgt Ion:135 Resp: 8957

Ion	Ratio	Lower	Upper
135	100		
108	51.6	12.0	52.0
69	91.3	0.0	36.6#

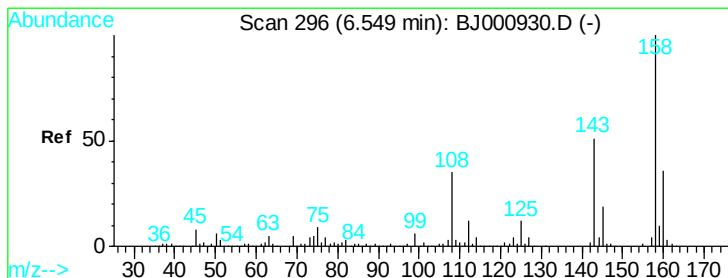
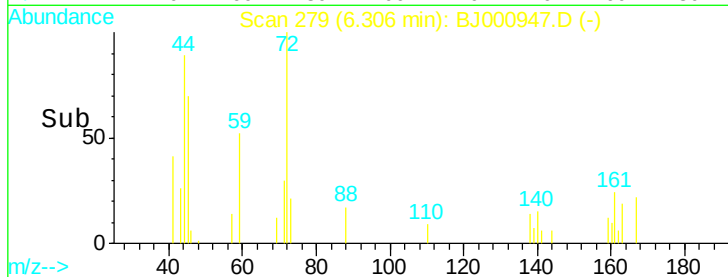
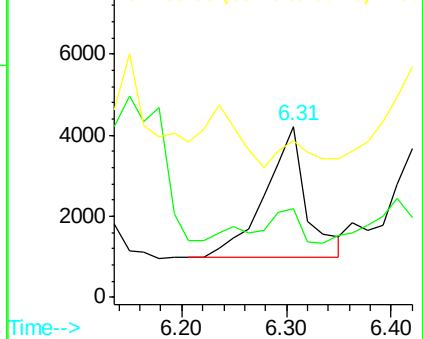


Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0



#11

p-Chlorophenylmethylsulfide

Concen: 0.04 ug/mL

RT: 6.52 min Scan# 294

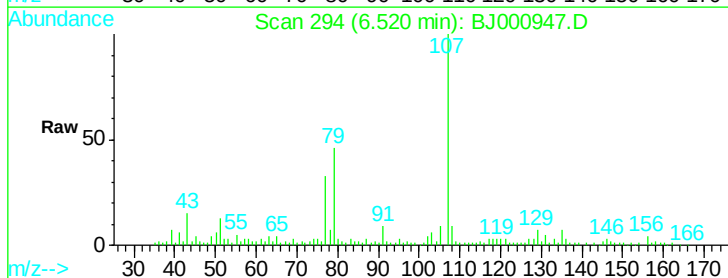
Delta R.T. -0.03 min

Lab File: BJ000947.D

Acq: 8 Jun 2012 19:31

Tgt Ion:158 Resp: 8265

Ion	Ratio	Lower	Upper
158	100		
143	39.8	31.3	71.3
108	542.9	14.9	54.9#
45	244.5	0.0	28.5#



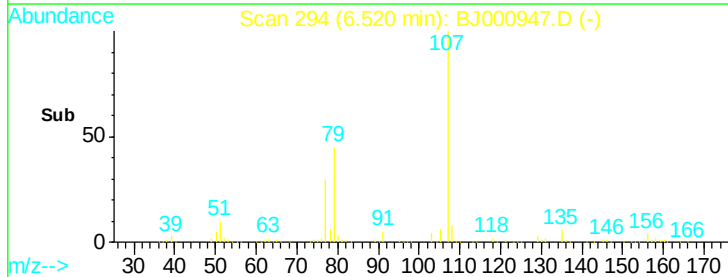
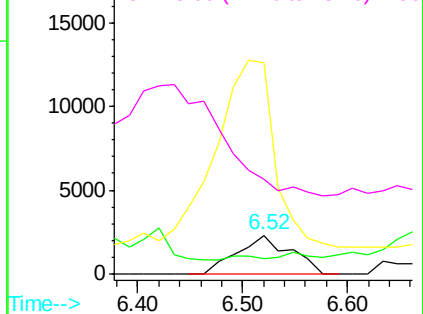
Abundance

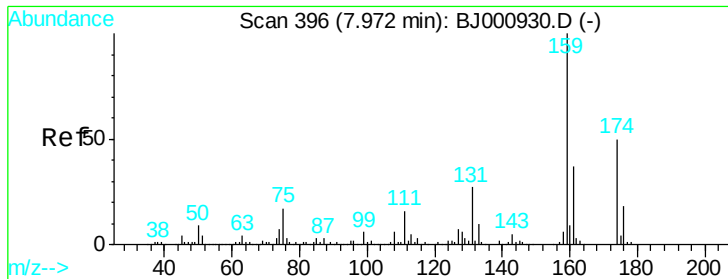
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

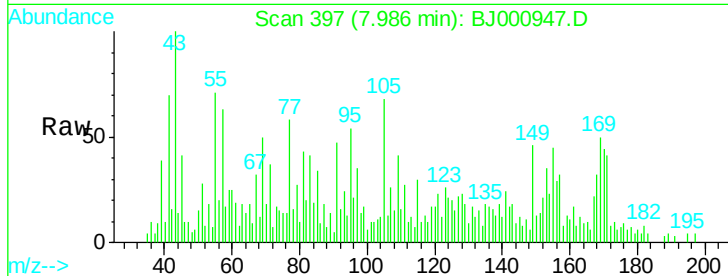
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.08 ug/mL
RT: 7.99 min Scan# 397
Delta R.T. 0.01 min
Lab File: BJ000947.D
Acq: 8 Jun 2012 19:31

Tgt Ion:159 Resp: 4566
Ion Ratio Lower Upper
159 100
174 32.9 27.0 67.0
108 58.0 0.0 28.3#
50 26.2 0.0 36.8



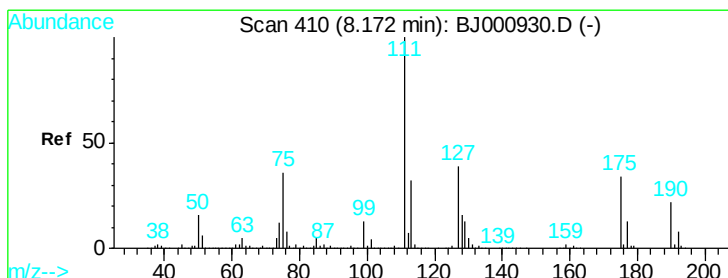
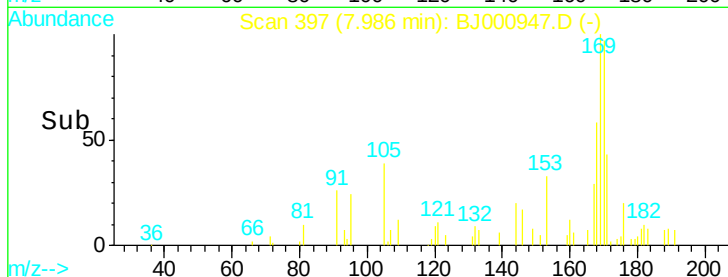
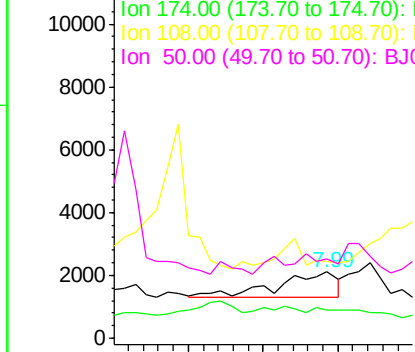
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

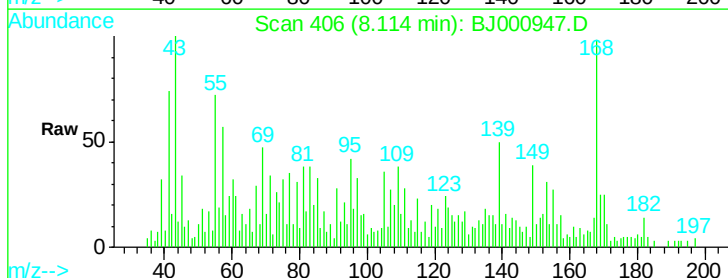
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 0.06 ug/mL
RT: 8.11 min Scan# 406
Delta R.T. -0.06 min
Lab File: BJ000947.D
Acq: 8 Jun 2012 19:31

Tgt Ion:111 Resp: 10022
Ion Ratio Lower Upper
111 100
75 117.0 16.5 56.5#
127 53.5 19.3 59.3
190 0.0 2.0 42.0#



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

