

Data File : H:\VOL1\GCMSDATA\J\120430\BJ000877.D

Vial: 14

Acq On : 30 Apr 2012 15:33

Operator: HLM

Sample : D2367-12DL 10X

Inst : BNA J

Misc : WATER BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: May 1 10:17 2012

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Tue May 01 10:17:53 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.74	152	247332	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	992773	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	24540	0.07	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	14.00%#
12) 2-Bromothioanisole	7.35	204	31905	0.49	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	9.80%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.69	94	1743	0.02	ug/mL# 36
3) DMMP	3.59	79	4245	0.16	ug/mL# 6
4) DIMP	4.91	97	4106	0.03	ug/mL# 1
5) 1,4-Oxathiane	3.72	46	305895	3.49	ug/mL 95
7) 1,4-Dithiane	5.20	46	1216766	18.56	ug/mL 91
8) Thiodiglycol	6.07	61	4981	1.79	ug/mL 88
9) Benzothiazole	6.35	135	10241	0.04	ug/mL# 17
13) p-Chlorophenylmethyisulfox	8.10	159	1378	0.01	ug/mL# 1
14) p-Chlorophenylmethyisulfon	8.30	111	3139	0.02	ug/mL# 29

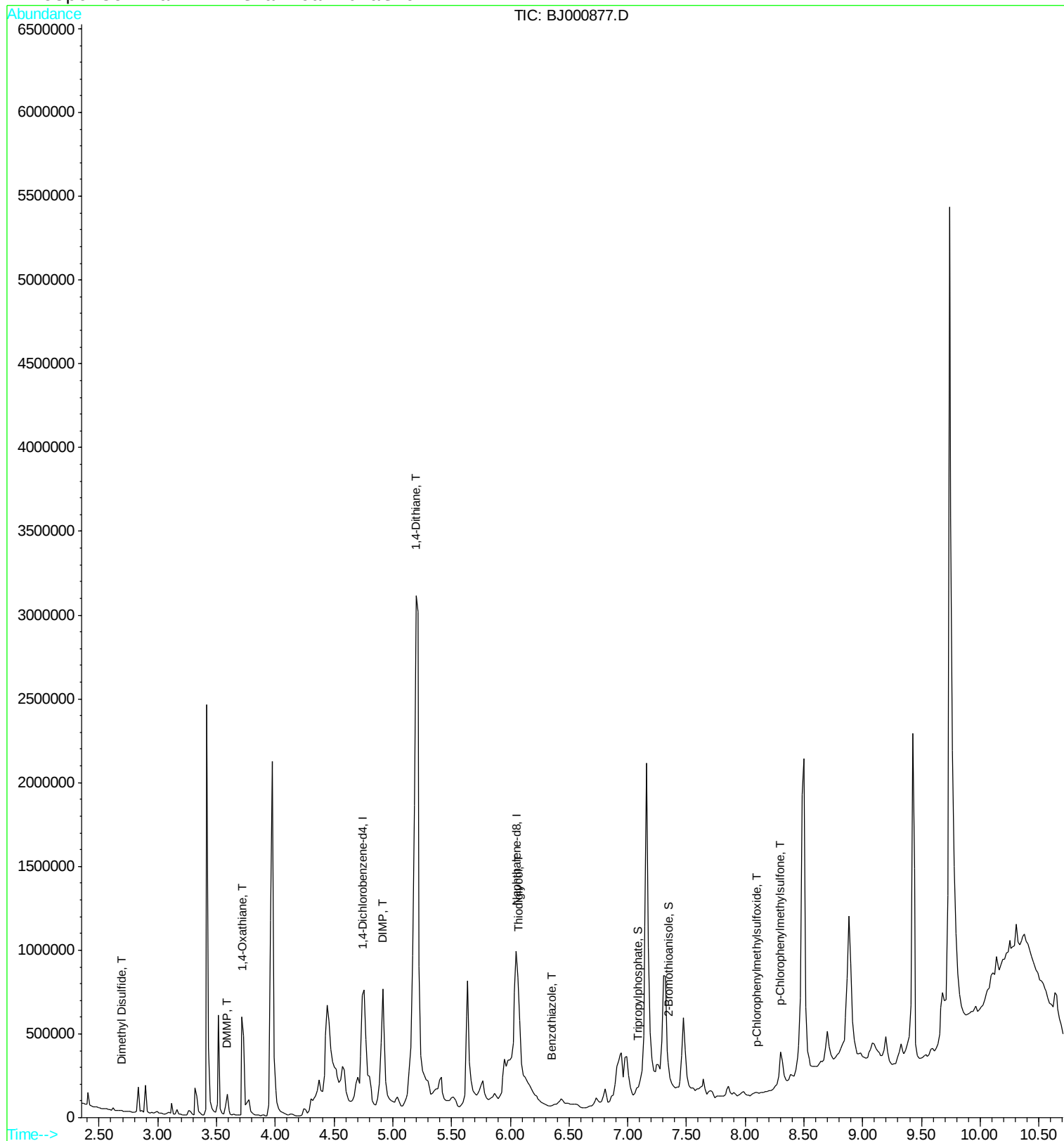
Quantitation Report

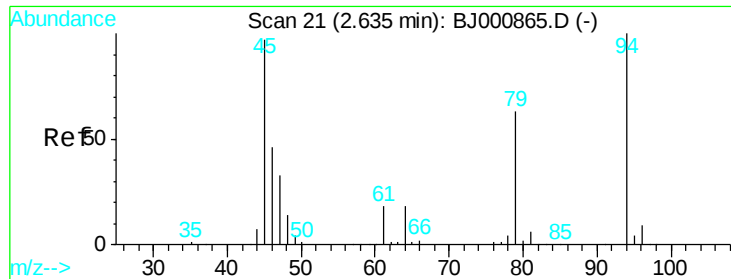
Data File : H:\VOL1\GCMSDATA\J\120430\BJ000877.D
 Acq On : 30 Apr 2012 15:33
 Sample : D2367-12DL 10X
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: May 1 10:17 2012

Vial: 14
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue May 01 10:17:53 2012
 Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 0.02 ug/mL

RT: 2.69 min Scan# 25

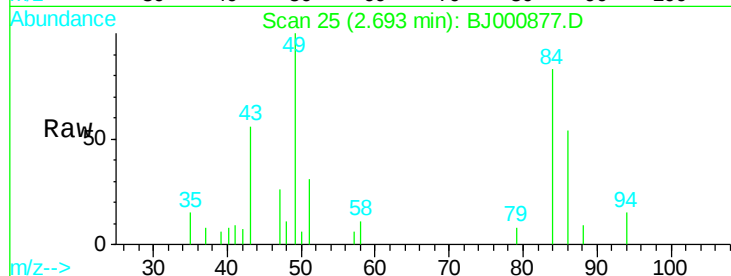
Delta R.T. 0.06 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

Tgt Ion: 94 Resp: 1743

Ion	Ratio	Lower	Upper
94	100		
45	0.0	77.4	117.4#
79	54.8	43.5	83.5

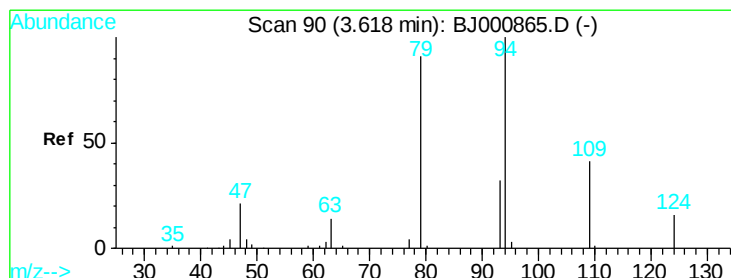
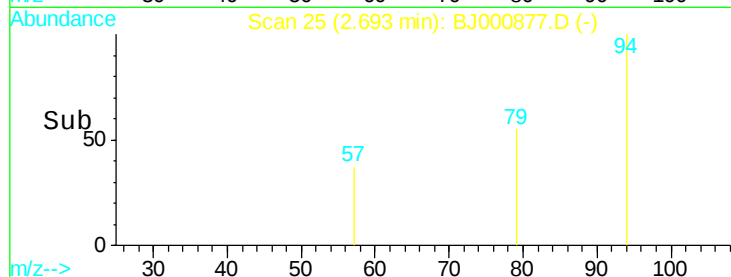
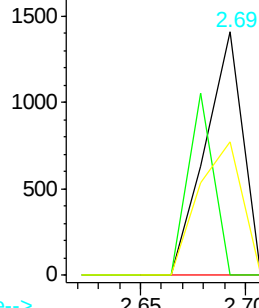


Abundance

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: 0.16 ug/mL

RT: 3.59 min Scan# 88

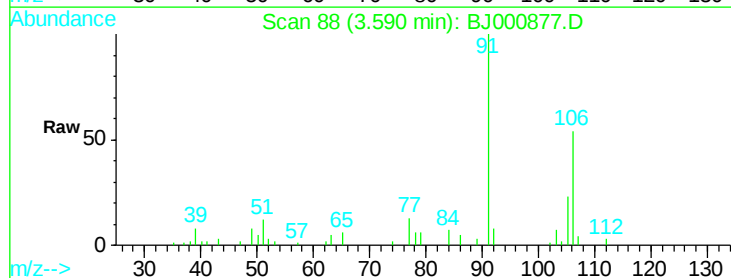
Delta R.T. -0.03 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

Tgt Ion: 79 Resp: 4245

Ion	Ratio	Lower	Upper
79	100		
94	0.0	89.4	129.4#
109	0.0	25.0	65.0#

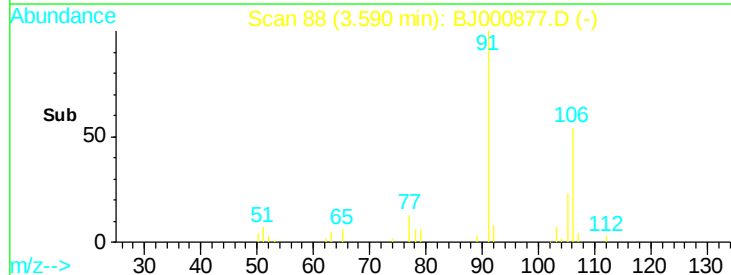
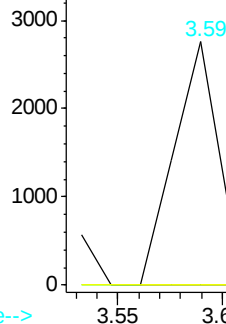


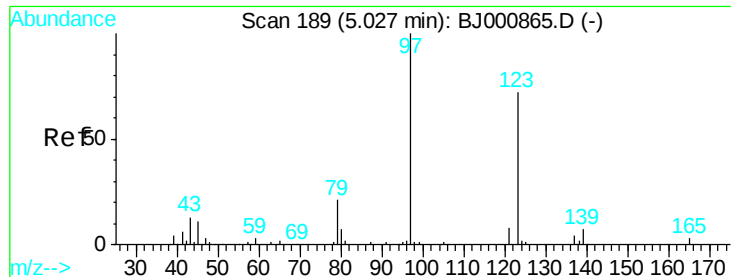
Abundance

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: 0.03 ug/mL

RT: 4.91 min Scan# 181

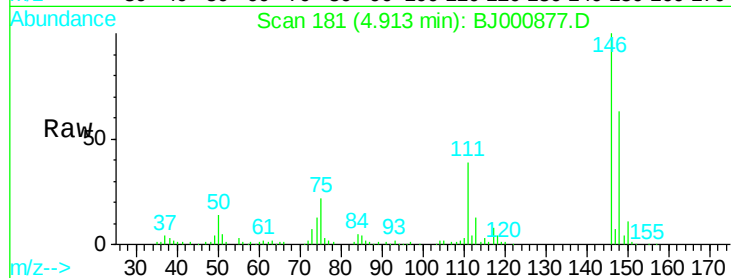
Delta R.T. -0.11 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

Tgt Ion: 97 Resp: 4106

Ion	Ratio	Lower	Upper
97	100		
123	0.0	51.5	91.5#
43	78.7	0.0	33.7#
41	76.0	0.0	26.8#



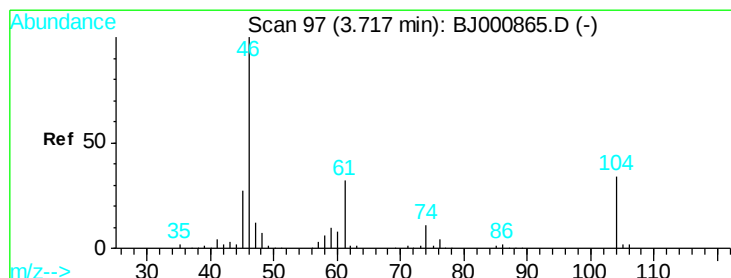
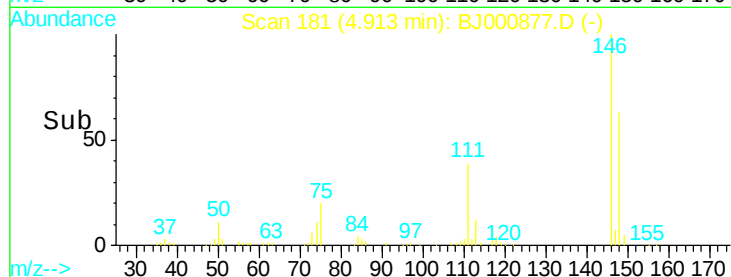
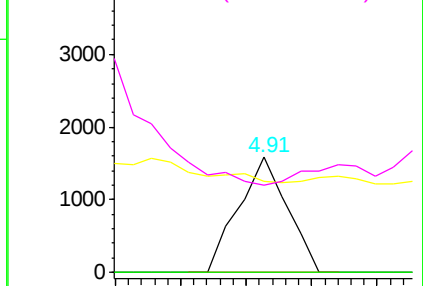
Abundance

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: 3.49 ug/mL

RT: 3.72 min Scan# 97

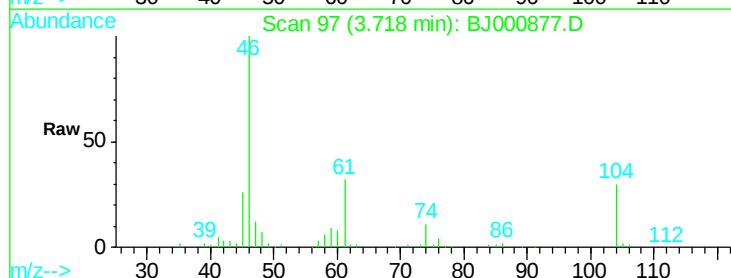
Delta R.T. 0.00 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

Tgt Ion: 46 Resp: 305895

Ion	Ratio	Lower	Upper
46	100		
61	32.4	12.1	52.1
104	29.7	14.5	54.5

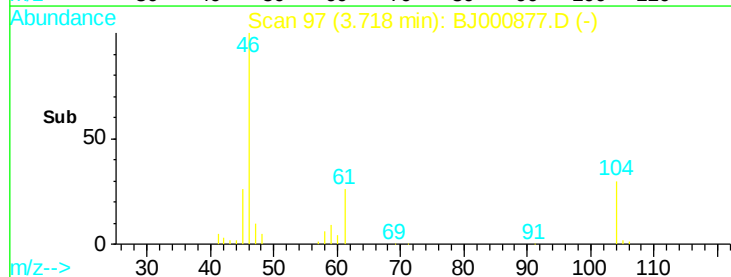
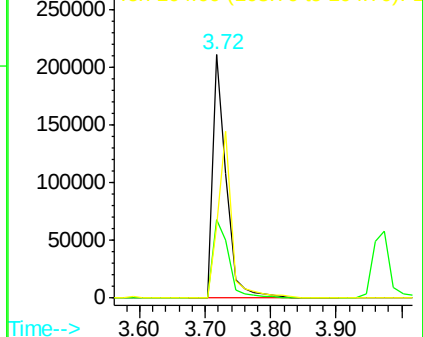


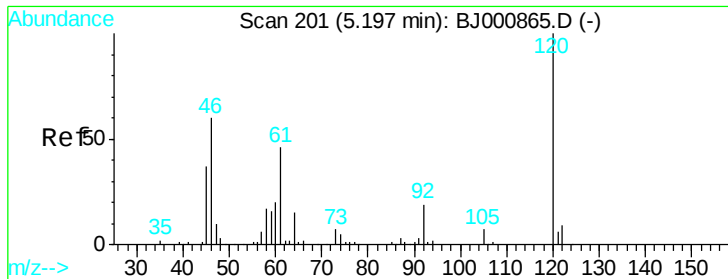
Abundance

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: 18.56 ug/mL

RT: 5.20 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

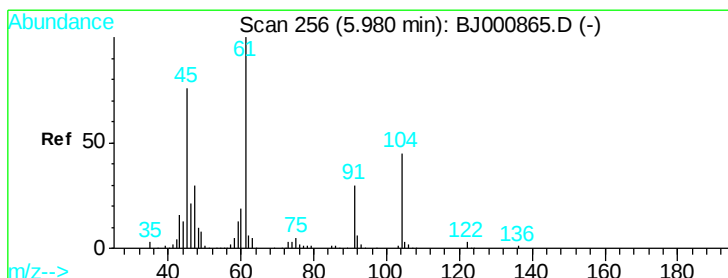
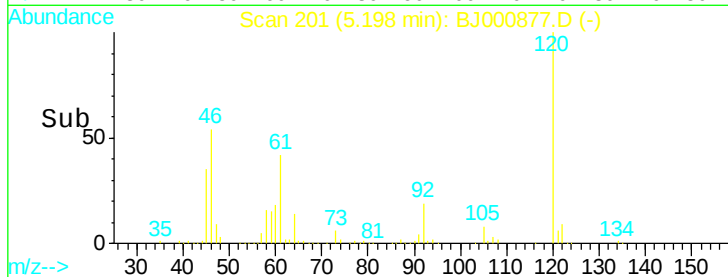
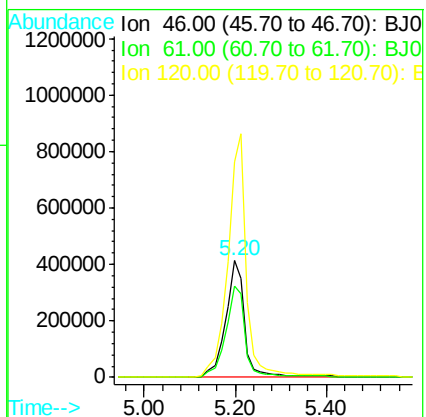
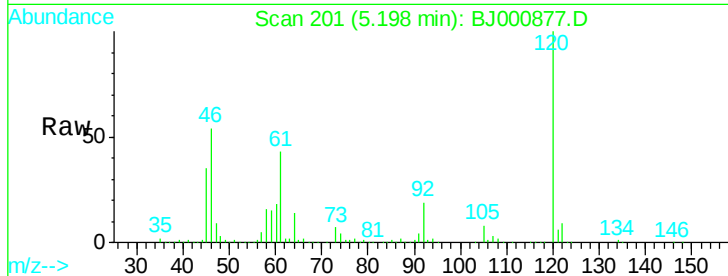
Tgt Ion: 46 Resp: 1216766

Ion Ratio Lower Upper

46 100

61 78.5 57.5 97.5

120 184.2 147.7 187.7



#8

Thiodiglycol

Concen: 1.79 ug/mL

RT: 6.07 min Scan# 262

Delta R.T. 0.09 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

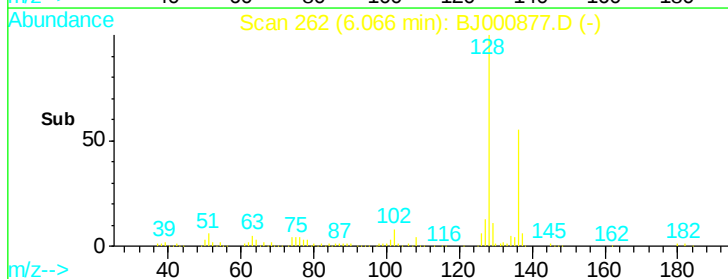
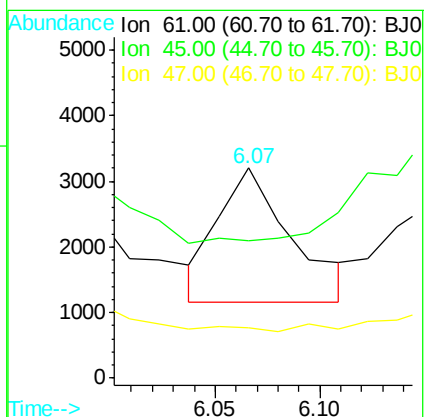
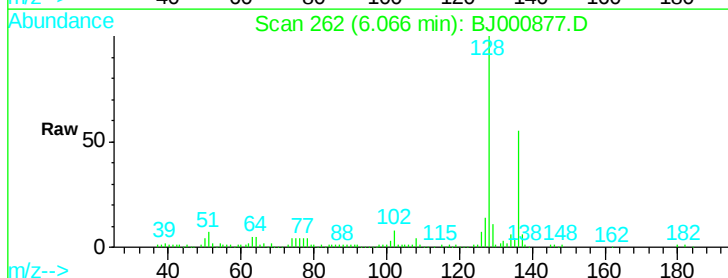
Tgt Ion: 61 Resp: 4981

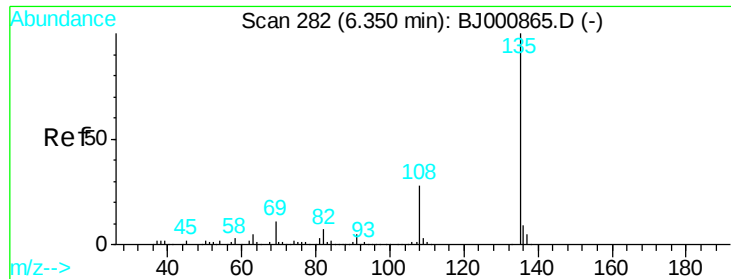
Ion Ratio Lower Upper

61 100

45 65.2 55.7 95.7

47 23.7 10.0 50.0





#9

Benzothiazole

Concen: 0.04 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

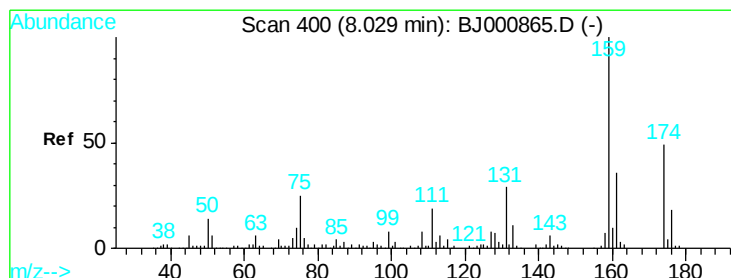
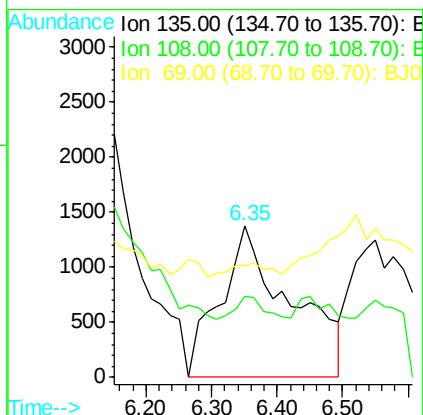
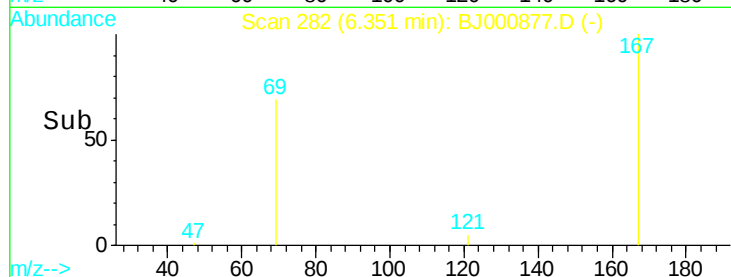
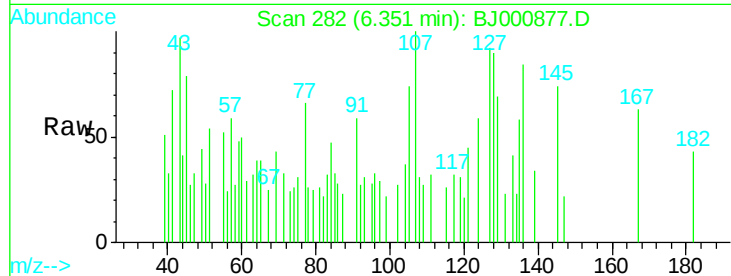
Tgt Ion:135 Resp: 10241

Ion Ratio Lower Upper

135 100

108 53.7 7.7 47.7#

69 73.9 0.0 31.3#



#13

p-Chlorophenylmethylsulfoxide

Concen: 0.01 ug/mL

RT: 8.10 min Scan# 405

Delta R.T. 0.07 min

Lab File: BJ000877.D

Acq: 30 Apr 2012 15:33

Tgt Ion:159 Resp: 1378

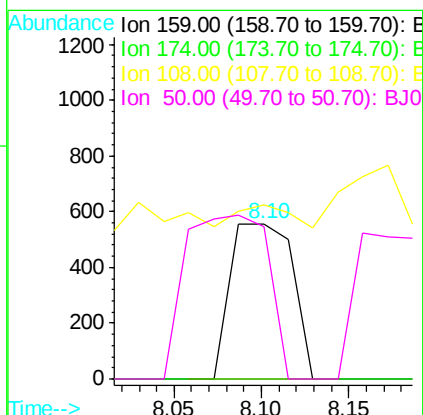
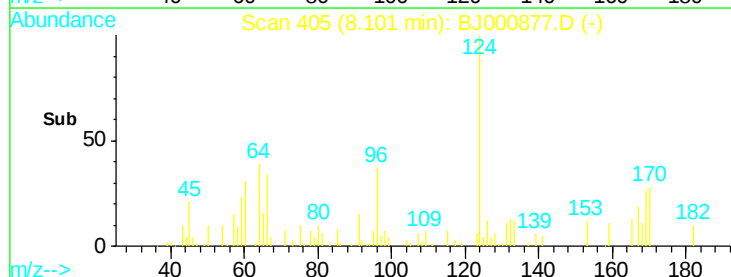
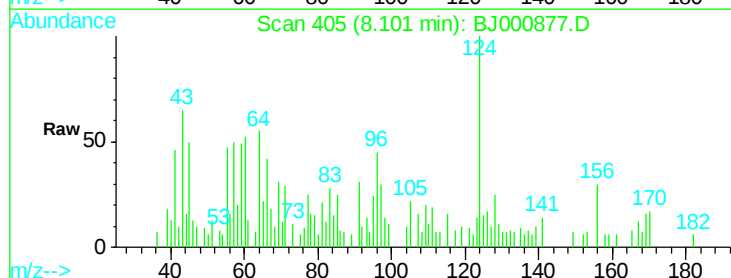
Ion Ratio Lower Upper

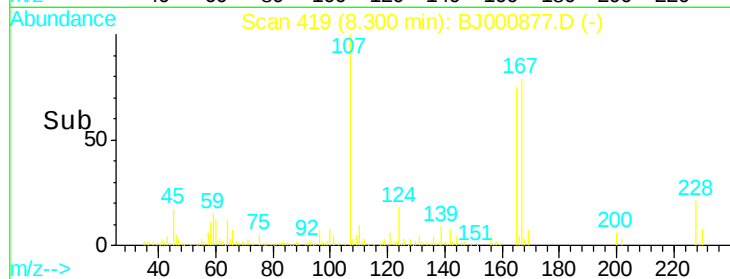
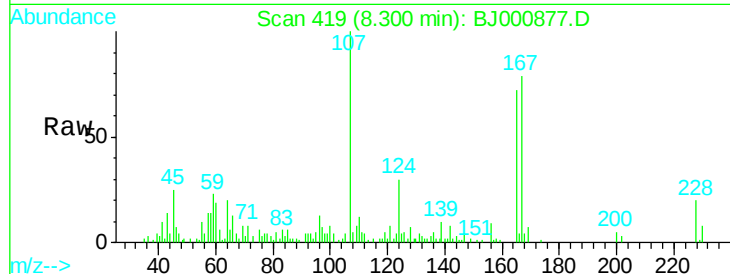
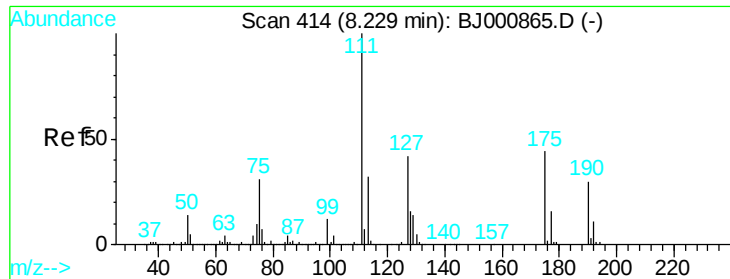
159 100

174 0.0 27.0 67.0#

108 40.3 0.0 29.1#

50 139.2 0.0 37.3#





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.02 ug/mL
 RT: 8.30 min Scan# 419
 Delta R.T. 0.07 min
 Lab File: BJ000877.D
 Acq: 30 Apr 2012 15:33

Tgt Ion	Ratio	Lower	Upper
111	100		
75	121.3	13.2	53.2#
127	32.1	21.5	61.5
190	0.0	9.8	49.8#

