

Data File : H:\VOL1\GCMSDATA\J\120501\BJ000881.D

Vial: 2

Acq On : 1 May 2012 13:59

Operator: HLM

Sample : CWA-CCV

Inst : BNA J

Misc : STD BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: May 1 18:02 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 18:03:04 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.76	152	264375	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1080724	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	984485	2.67	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	534.00%#
12) 2-Bromothioanisole	7.35	204	918520	12.95	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	259.00%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.68	94	537668	5.52	ug/mL 100
3) DMMP	3.62	79	188802	2.23	ug/mL 100
4) DIMP	5.03	97	579394	2.49	ug/mL 100
5) 1,4-Oxathiane	3.73	46	649982	6.93	ug/mL 100
7) 1,4-Dithiane	5.21	46	490308	6.87	ug/mL 100
8) Thiodiglycol	5.99	61	2867832	39.97	ug/mL 100
9) Benzothiazole	6.35	135	3671392	13.65	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.59	158	2401678	12.90	ug/mL 100
13) p-Chlorophenylmethyldisulfox	8.03	159	1331293	12.82	ug/mL 100
14) p-Chlorophenylmethyldisulfon	8.23	111	1862446	12.17	ug/mL 100

Quantitation Report

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Quant Time: May 1 18:02 2012

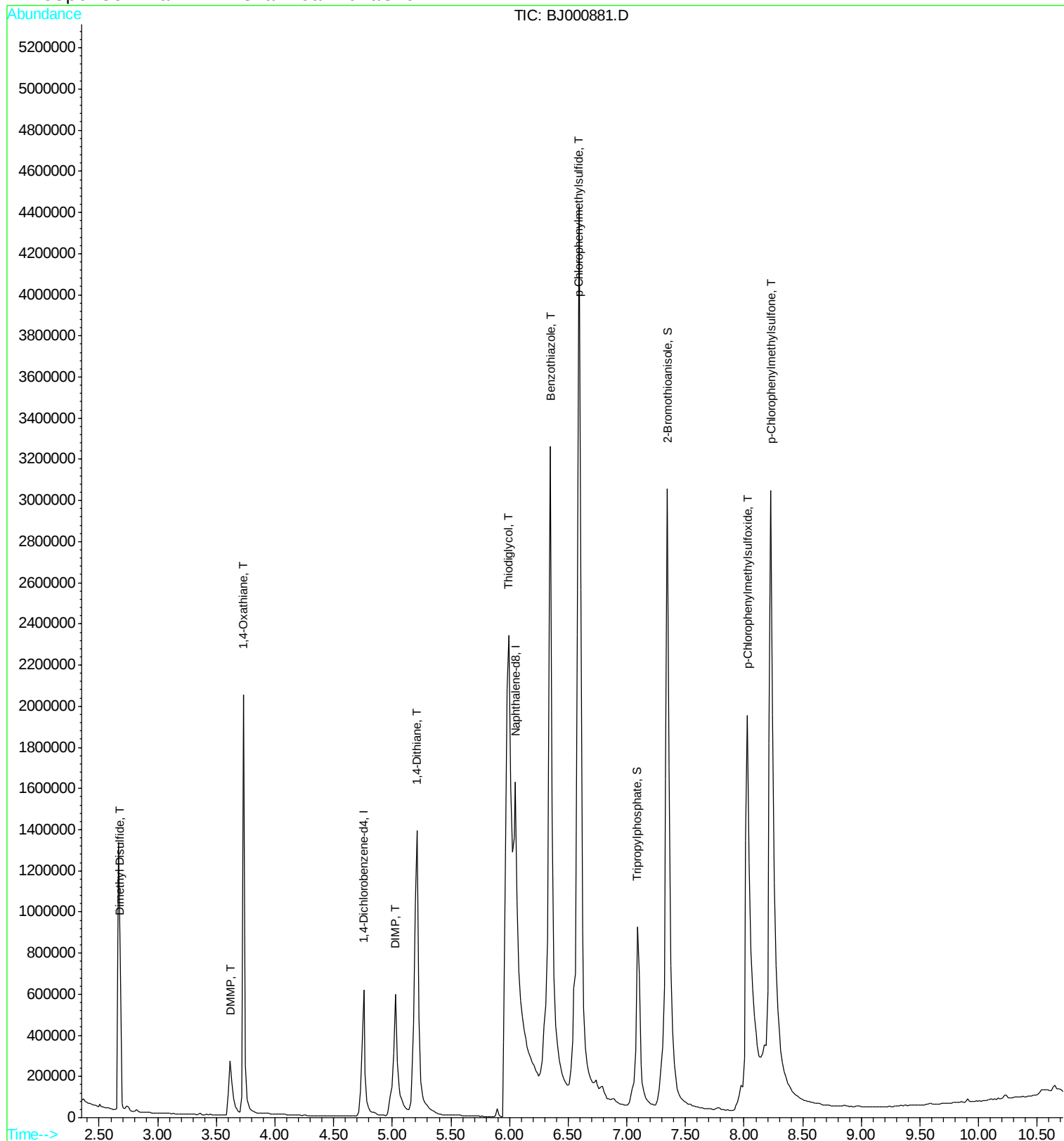
Quant Results File: BJ042612.RES

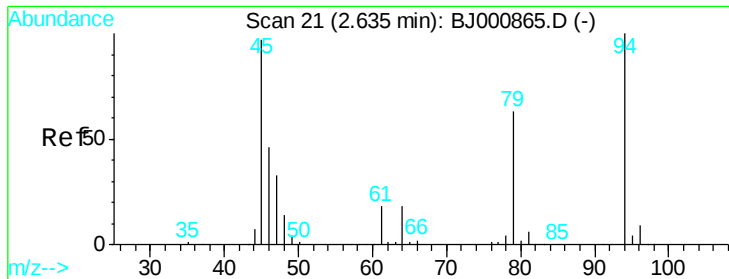
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Tue May 01 17:31:36 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 5.52 ug/mL

RT: 2.68 min Scan# 24

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

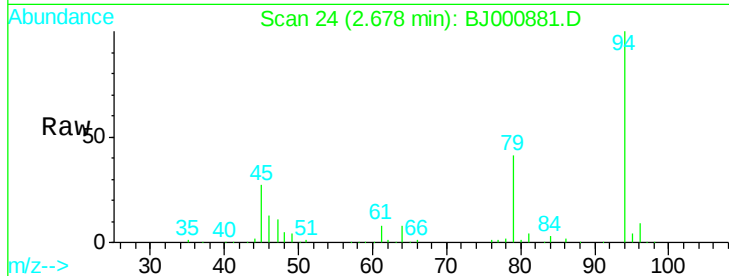
Tgt Ion: 94 Resp: 537668

Ion Ratio Lower Upper

94 100

45 26.6 6.6 46.6

79 41.5 21.5 61.5

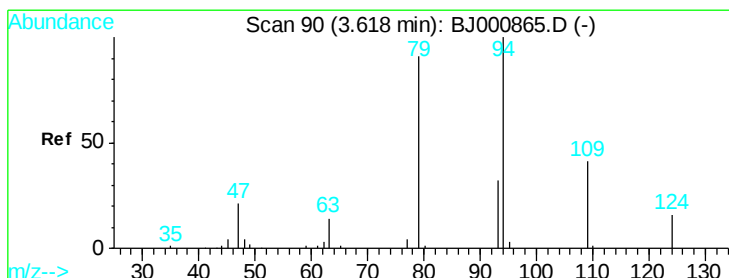
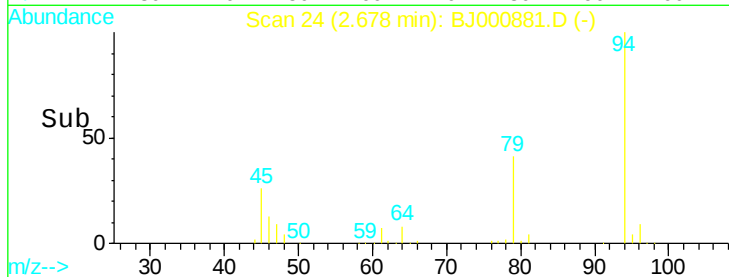
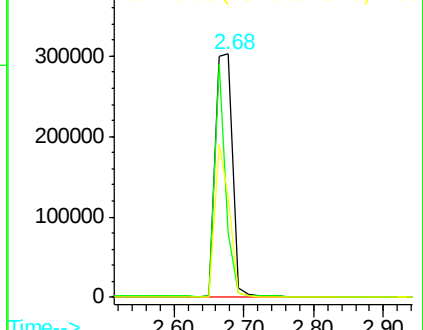


Abundance

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: 2.23 ug/mL

RT: 3.62 min Scan# 90

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

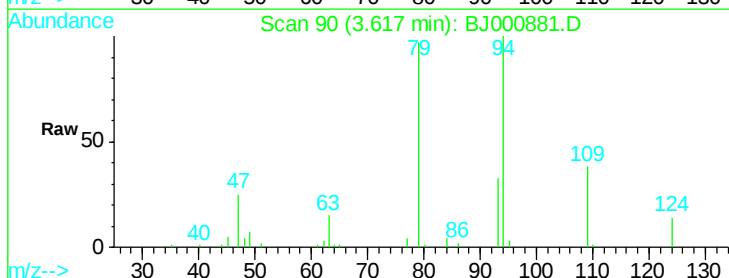
Tgt Ion: 79 Resp: 188802

Ion Ratio Lower Upper

79 100

94 103.2 83.2 123.2

109 39.0 19.0 59.0

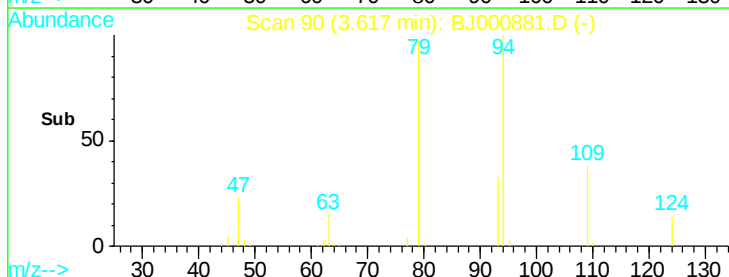
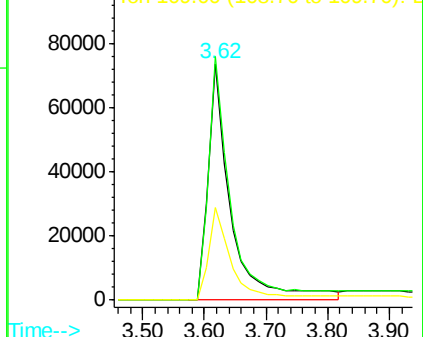


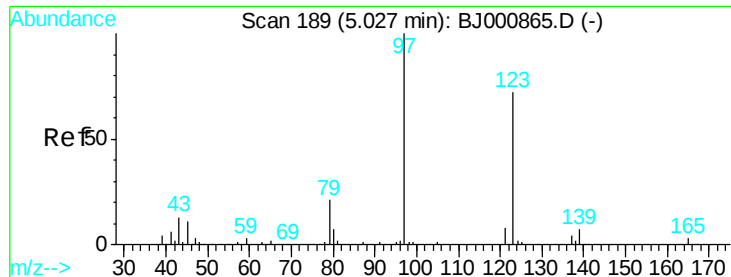
Abundance

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: 2.49 ug/mL

RT: 5.03 min Scan# 189

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

Tgt Ion: 97 Resp: 579394

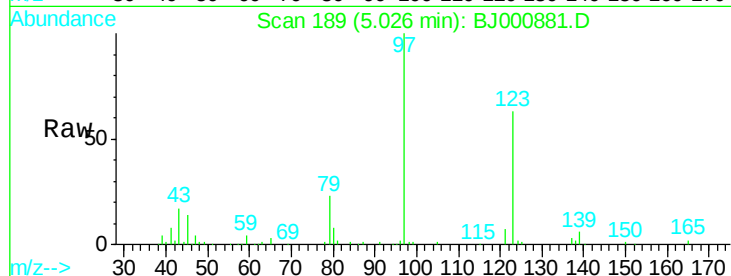
Ion Ratio Lower Upper

97 100

123 62.8 42.8 82.8

43 16.6 0.0 36.6

41 8.2 0.0 28.2



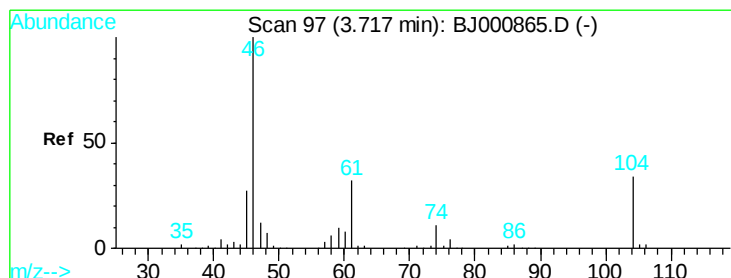
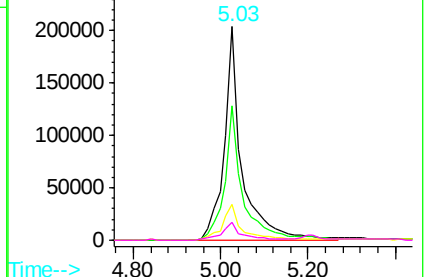
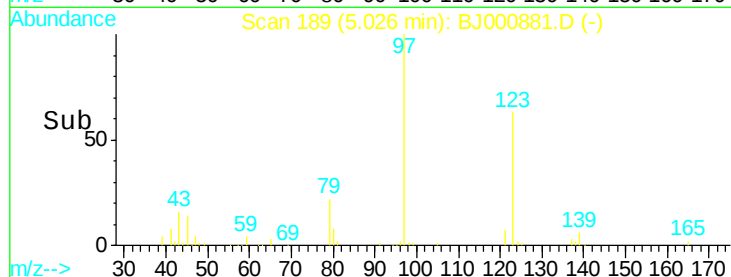
Abundance

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: 6.93 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

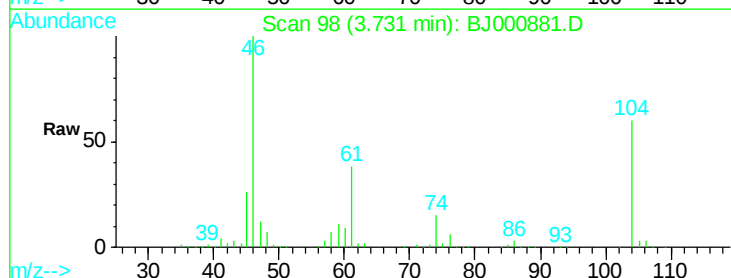
Tgt Ion: 46 Resp: 649982

Ion Ratio Lower Upper

46 100

61 38.0 18.0 58.0

104 59.9 39.9 79.9

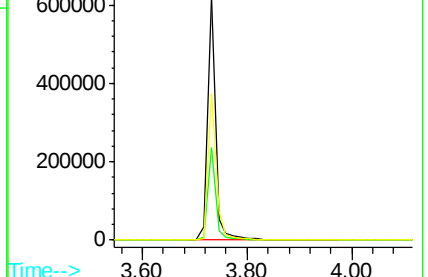
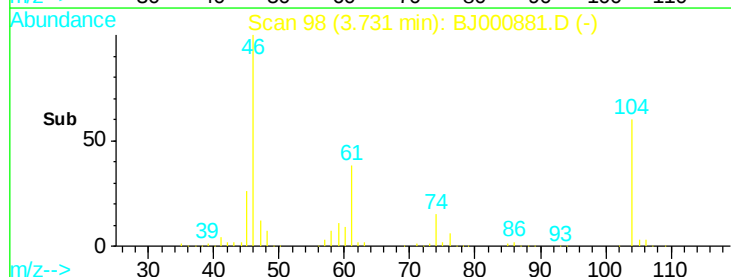


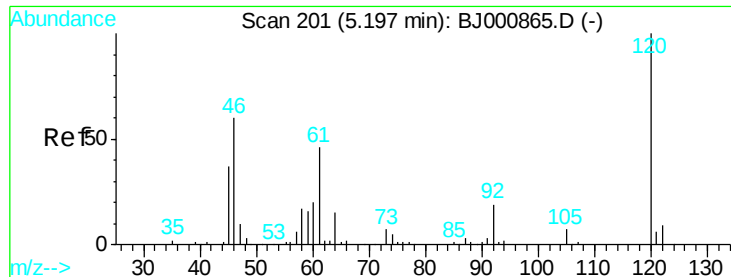
Abundance

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: 6.87 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

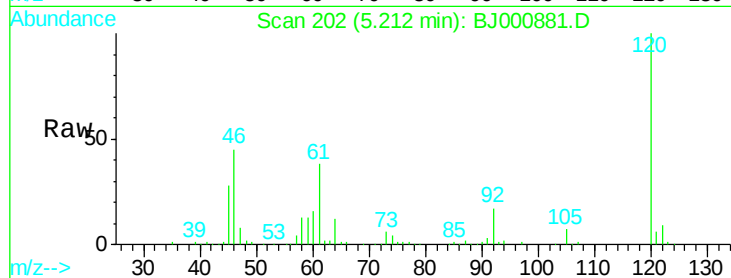
Tgt Ion: 46 Resp: 490308

Ion Ratio Lower Upper

46 100

61 83.6 63.6 103.6

120 220.6 200.6 240.6

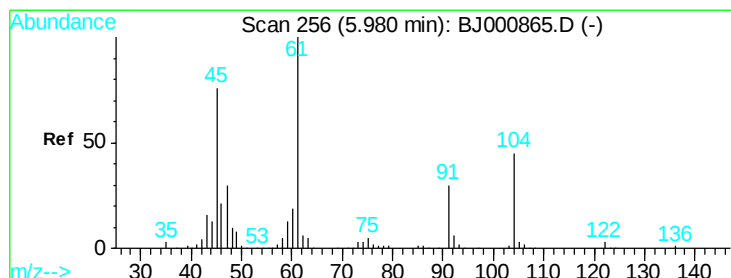
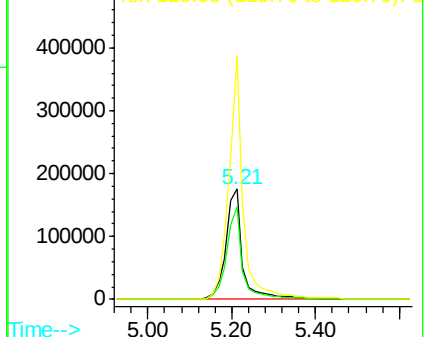
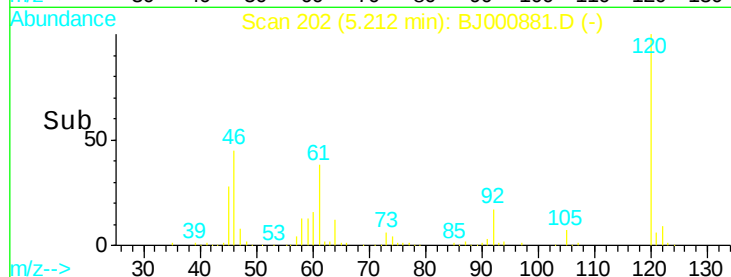


Abundance

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: 39.97 ug/mL

RT: 5.99 min Scan# 257

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

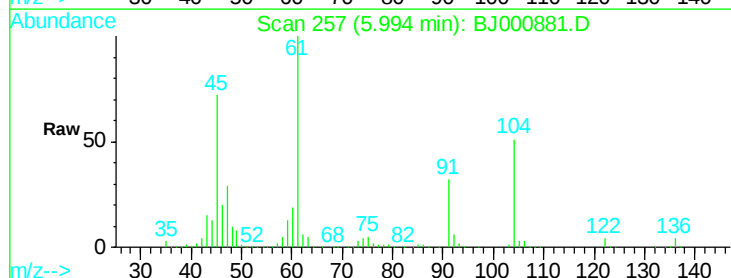
Tgt Ion: 61 Resp: 2867832

Ion Ratio Lower Upper

61 100

45 71.8 51.8 91.8

47 28.5 8.5 48.5

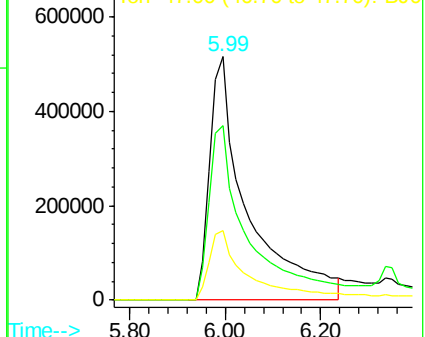
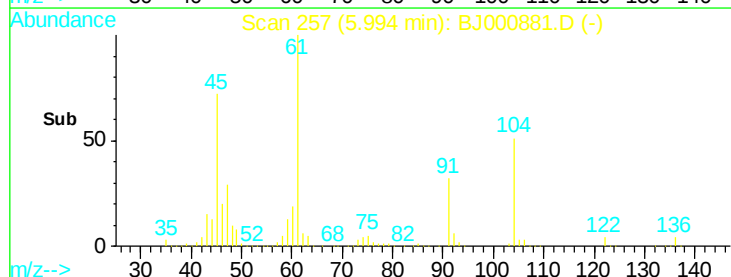


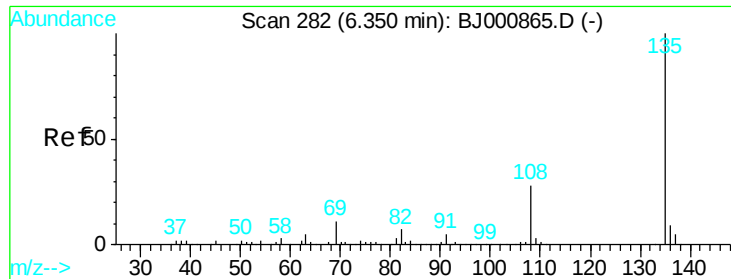
Abundance

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: 13.65 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

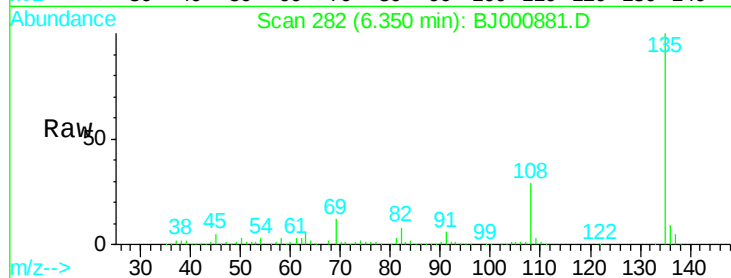
Tgt Ion:135 Resp: 3671392

Ion Ratio Lower Upper

135 100

108 29.2 9.2 49.2

69 12.5 0.0 32.5

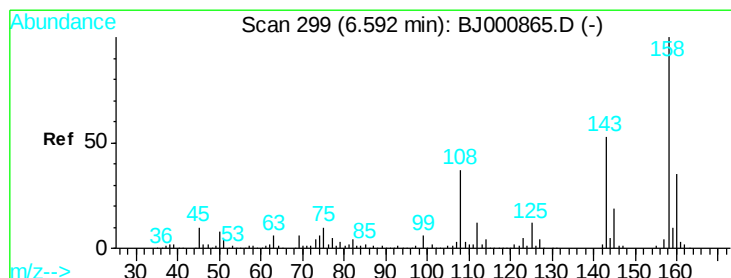
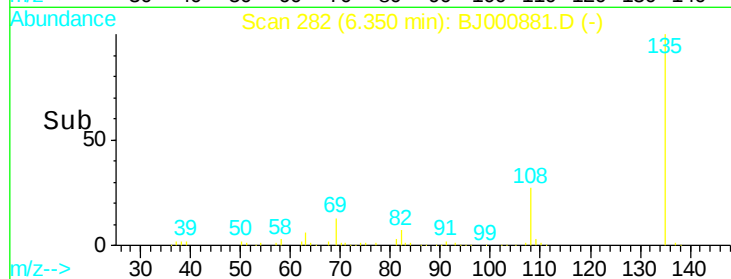
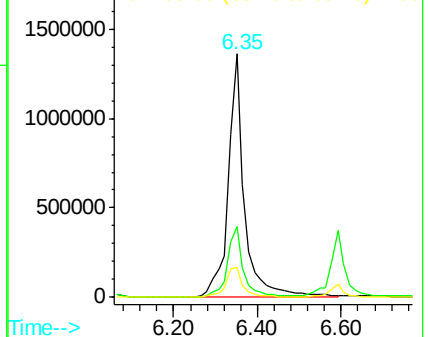


Abundance

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: 12.90 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

Tgt Ion:158 Resp: 2401678

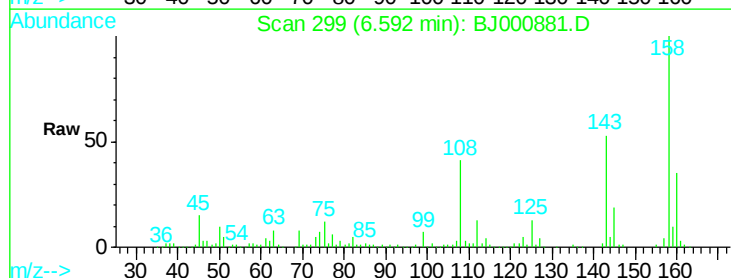
Ion Ratio Lower Upper

158 100

143 53.4 33.4 73.4

108 40.6 20.6 60.6

45 15.2 0.0 35.2



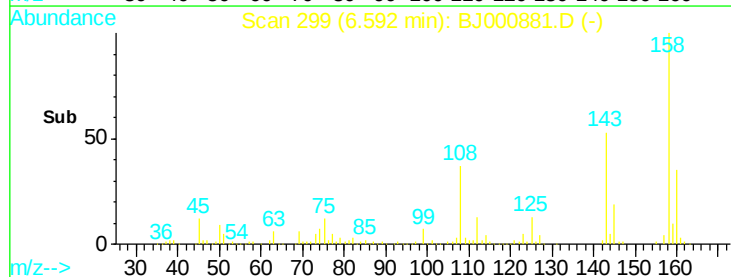
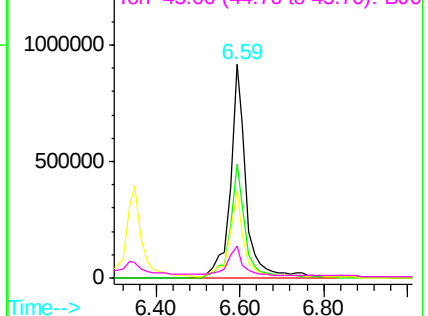
Abundance

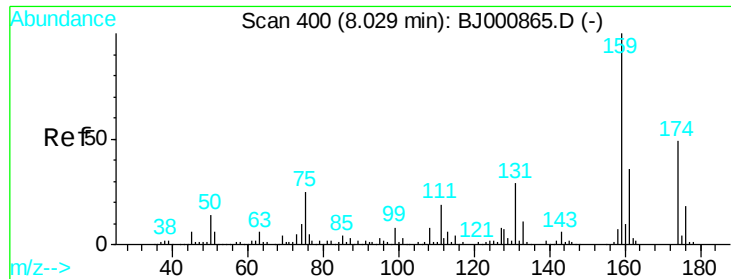
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

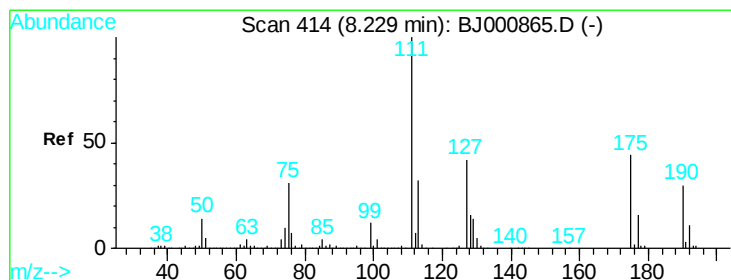
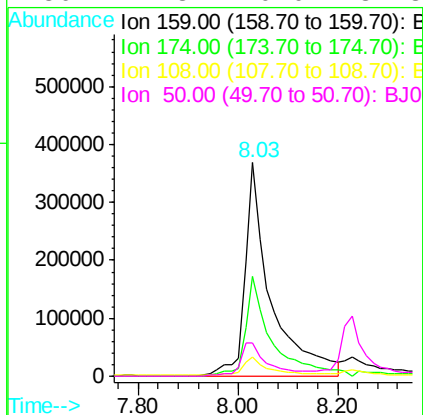
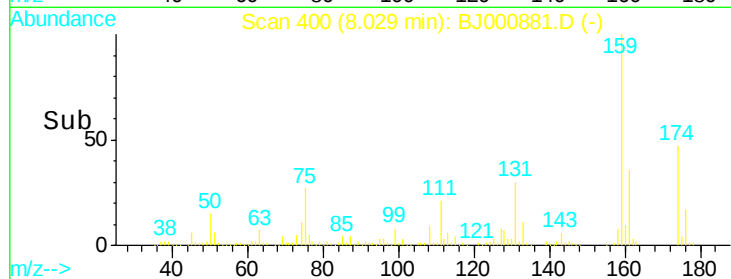
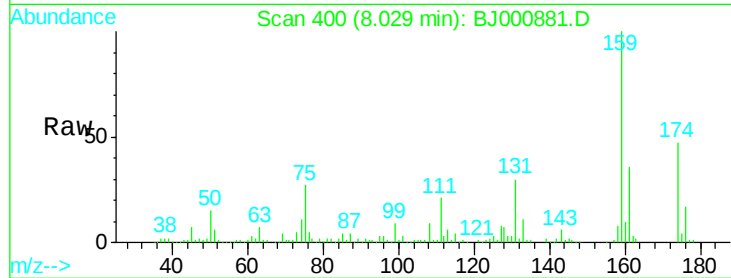
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.82 ug/mL
RT: 8.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

Tgt Ion:159 Resp: 1331293
Ion Ratio Lower Upper
159 100
174 47.7 27.7 67.7
108 9.3 0.0 29.3
50 17.3 0.0 37.3



#14
p-Chlorophenylmethylsulfone
Concen: 12.17 ug/mL
RT: 8.23 min Scan# 414
Delta R.T. 0.00 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

Tgt Ion:111 Resp: 1862446
Ion Ratio Lower Upper
111 100
75 35.9 15.9 55.9
127 40.8 20.8 60.8
190 26.2 6.2 46.2

