

Data File : H:\VOL1\GCMSDATA\J\120430\BJ000865.D

Vial: 2

Acq On : 30 Apr 2012 11:41

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 10:16 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	219999	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	919526	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	854253	2.72	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	544.00%#
12) 2-Bromothioanisole	7.35	204	763032	12.65	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	253.00%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.64	94	462764	5.71	ug/mL 100
3) DMMP	3.62	79	150958	2.15	ug/mL 100
4) DIMP	5.03	97	476769	2.46	ug/mL 100
5) 1,4-Oxathiane	3.72	46	500861	6.42	ug/mL 100
7) 1,4-Dithiane	5.20	46	407345	6.71	ug/mL 100
8) Thiodiglycol	5.98	61	2310385	37.94	ug/mL 100
9) Benzothiazole	6.35	135	3091892	13.51	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.59	158	2054623	12.98	ug/mL 100
13) p-Chlorophenylmethyldisulfox	8.03	159	1133741	12.83	ug/mL 100
14) p-Chlorophenylmethyldisulfon	8.23	111	1599236	12.28	ug/mL 100

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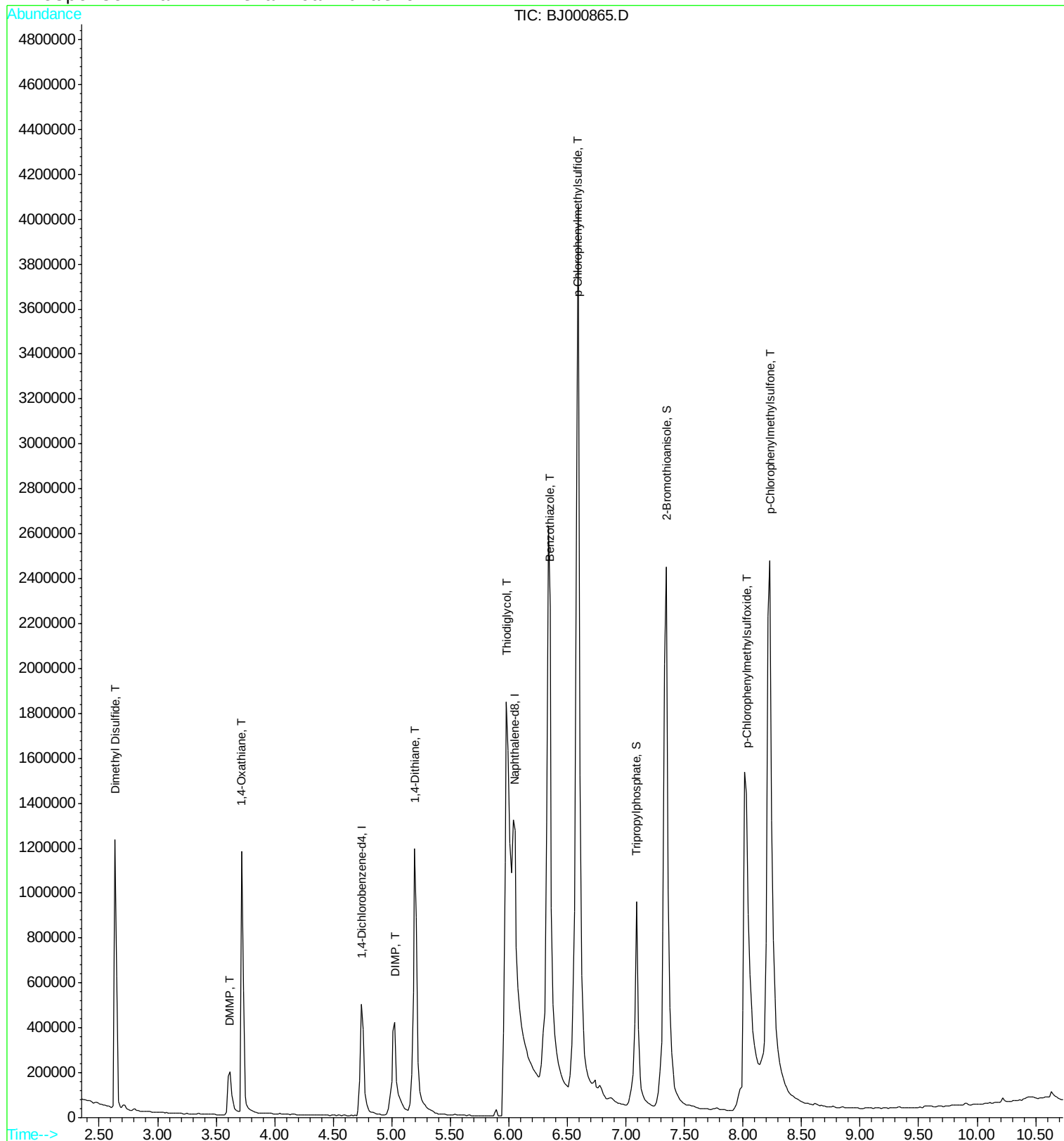
Quant Results File: BJ042612.RES

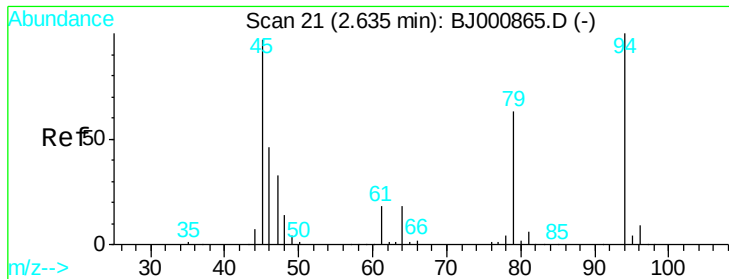
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

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#2

Dimethyl Disulfide

Concen: 5.71 ug/mL

RT: 2.64 min Scan# 21

Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

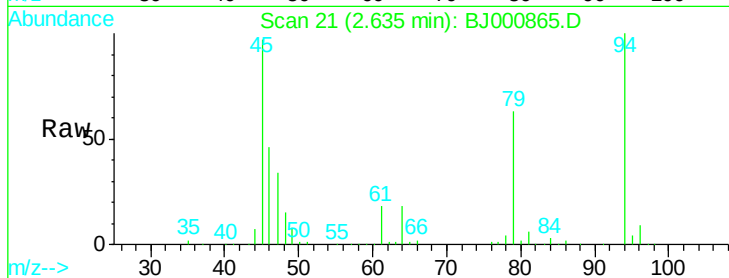
Tgt Ion: 94 Resp: 462764

Ion Ratio Lower Upper

94 100

45 97.4 77.4 117.4

79 63.5 43.5 83.5

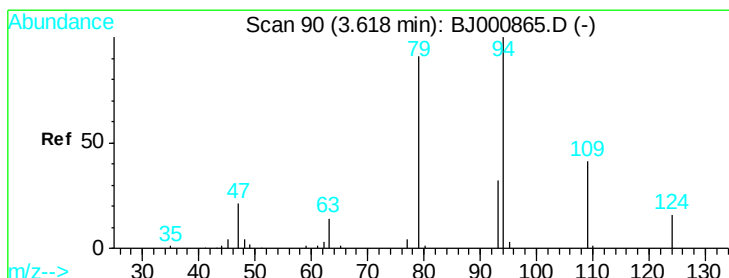
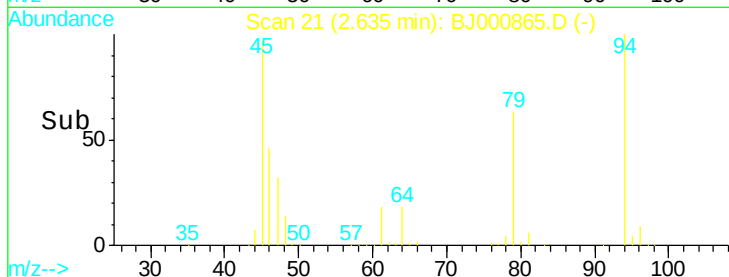
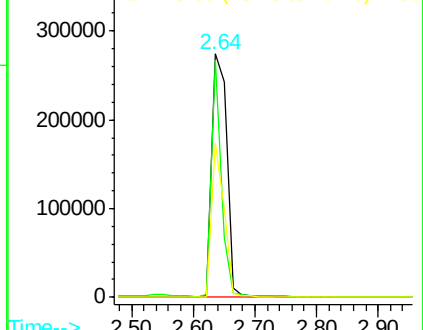


Abundance

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: 2.15 ug/mL

RT: 3.62 min Scan# 90

Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

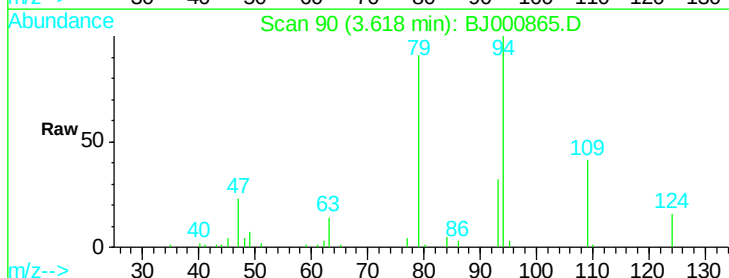
Tgt Ion: 79 Resp: 150958

Ion Ratio Lower Upper

79 100

94 109.4 89.4 129.4

109 45.0 25.0 65.0

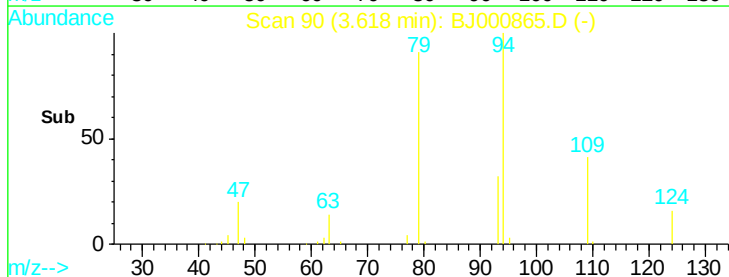
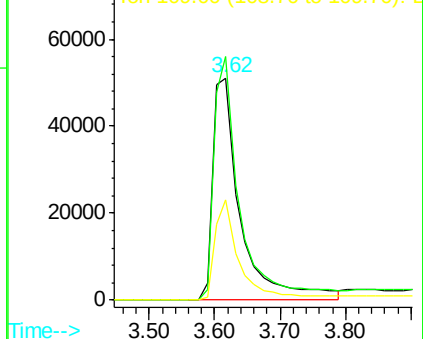


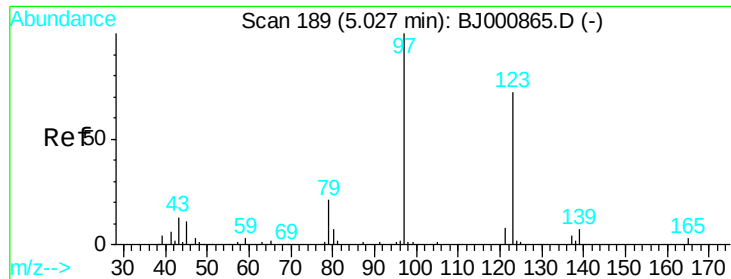
Abundance

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: 2.46 ug/mL

RT: 5.03 min Scan# 189

Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

Tgt Ion: 97 Resp: 476769

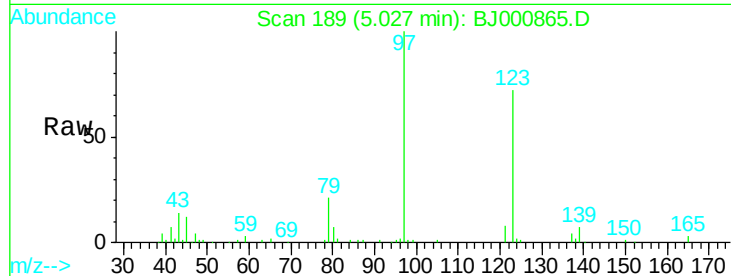
Ion Ratio Lower Upper

97 100

123 71.5 51.5 91.5

43 13.7 0.0 33.7

41 6.8 0.0 26.8



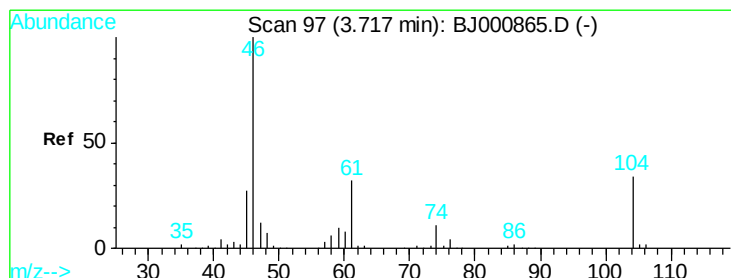
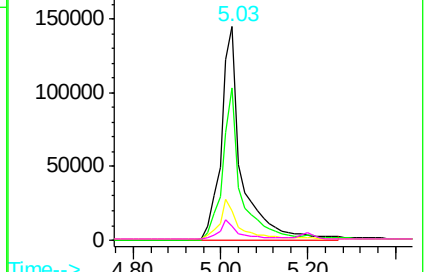
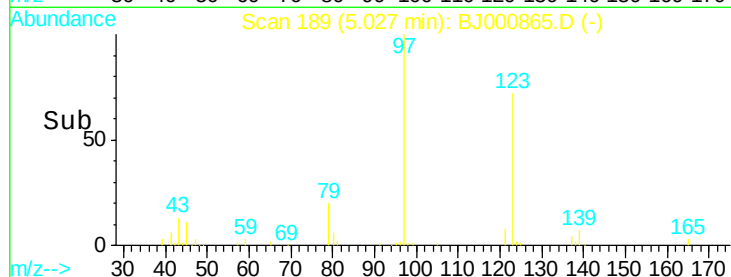
Abundance

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: 6.42 ug/mL

RT: 3.72 min Scan# 97

Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

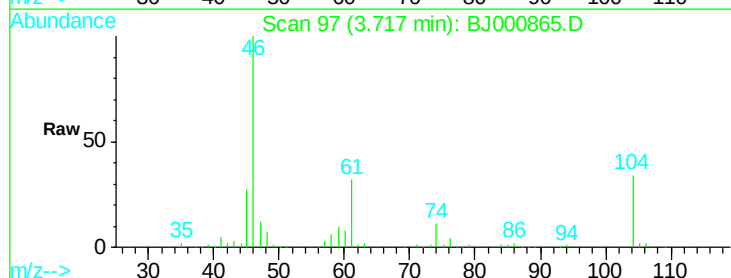
Tgt Ion: 46 Resp: 500861

Ion Ratio Lower Upper

46 100

61 32.1 12.1 52.1

104 34.5 14.5 54.5

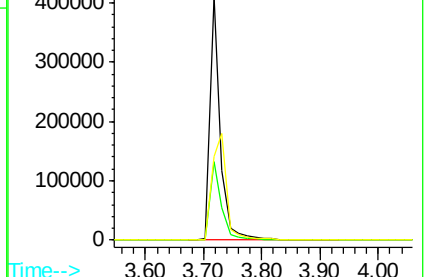
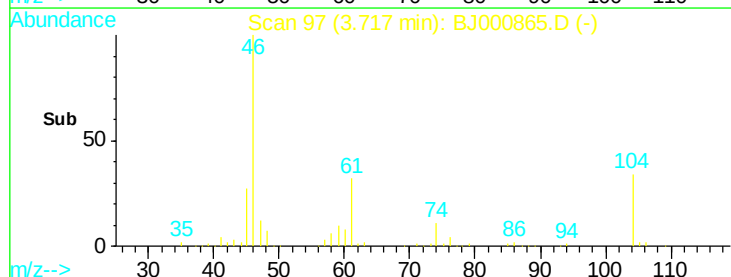


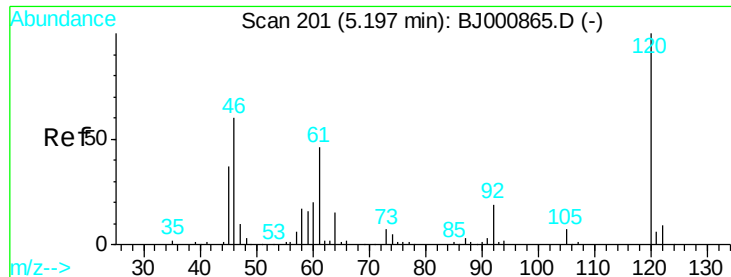
Abundance

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: 6.71 ug/mL

RT: 5.20 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

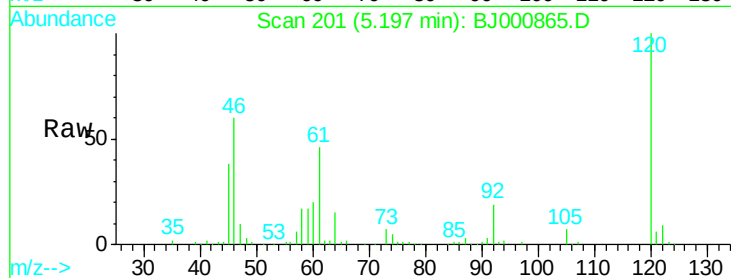
Tgt Ion: 46 Resp: 407345

Ion Ratio Lower Upper

46 100

61 77.5 57.5 97.5

120 167.7 147.7 187.7

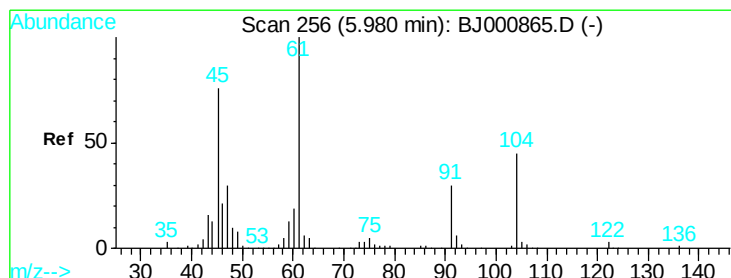
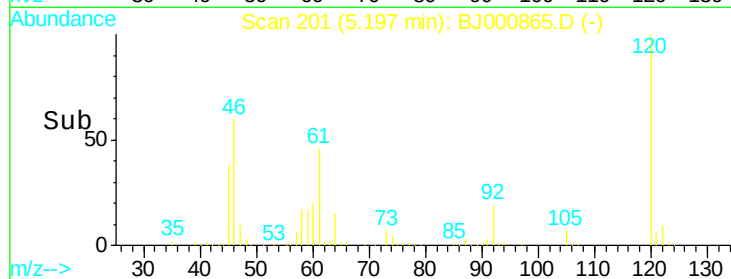
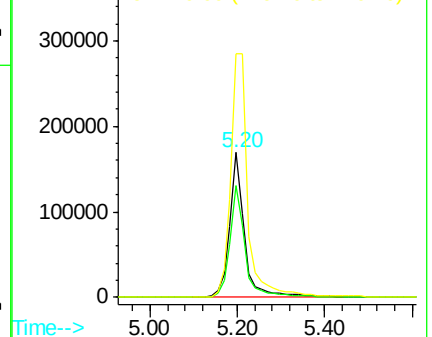


Abundance

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: 37.94 ug/mL

RT: 5.98 min Scan# 256

Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

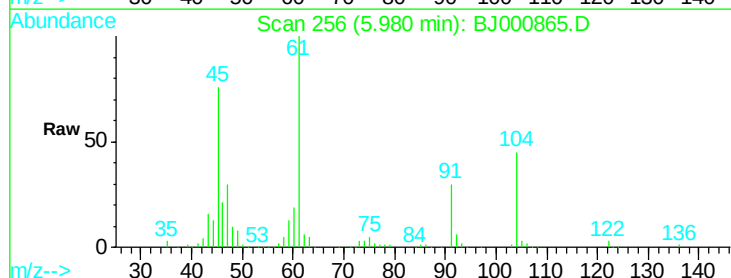
Tgt Ion: 61 Resp: 2310385

Ion Ratio Lower Upper

61 100

45 75.7 55.7 95.7

47 30.0 10.0 50.0

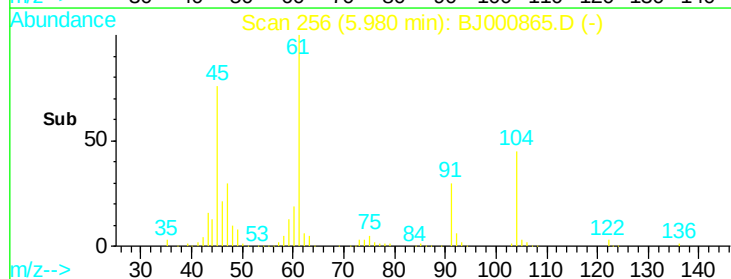
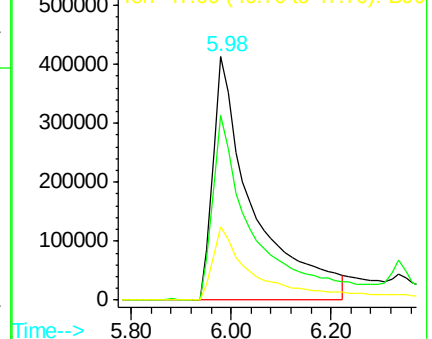


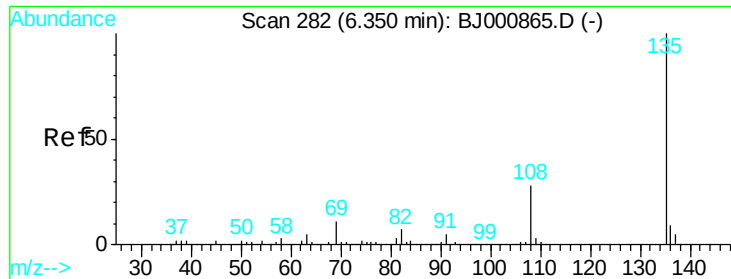
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

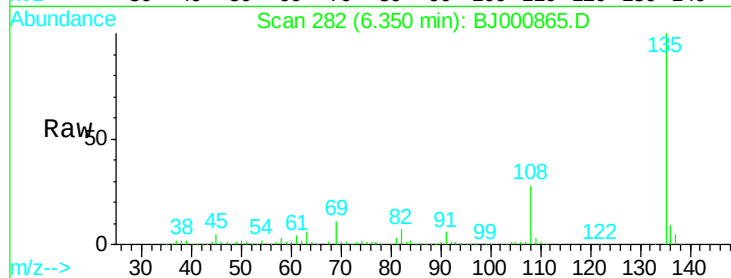
Ion 47.00 (46.70 to 47.70): BJ0



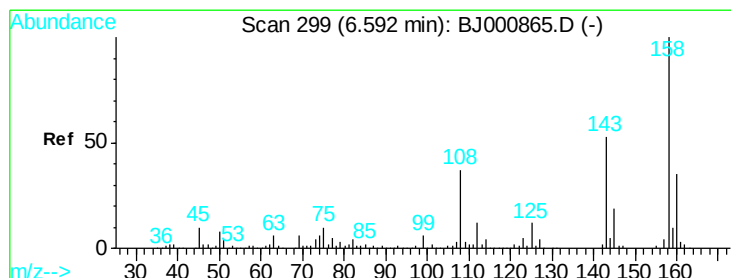
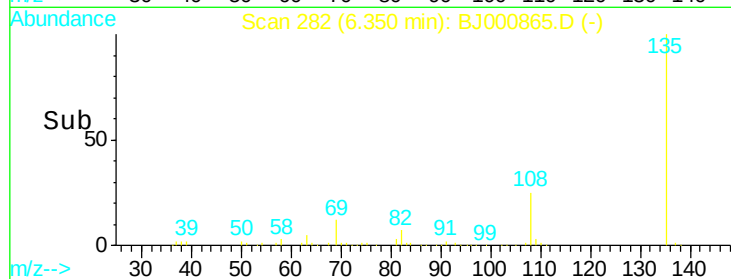
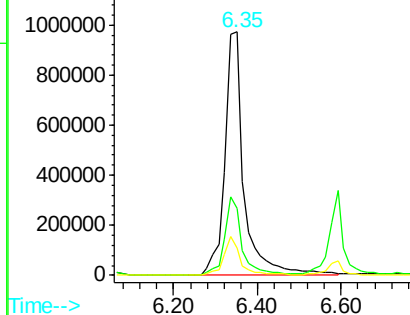


#9
Benzothiazole
Concen: 13.51 ug/mL
RT: 6.35 min Scan# 282
Delta R.T. 0.00 min
Lab File: BJ000865.D
Acq: 30 Apr 2012 11:41

Tgt Ion:135 Resp: 3091892
Ion Ratio Lower Upper
135 100
108 27.7 7.7 47.7
69 11.3 0.0 31.3

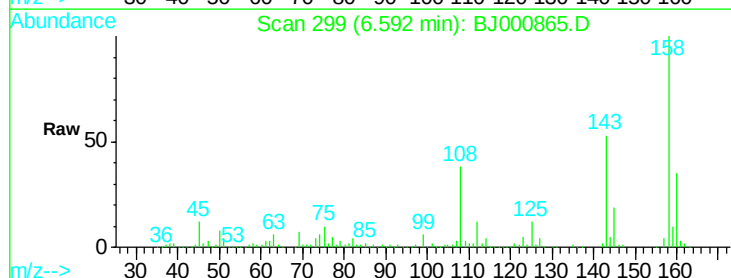


Abundance Ion 135.00 (134.70 to 135.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 69.00 (68.70 to 69.70): BJ0

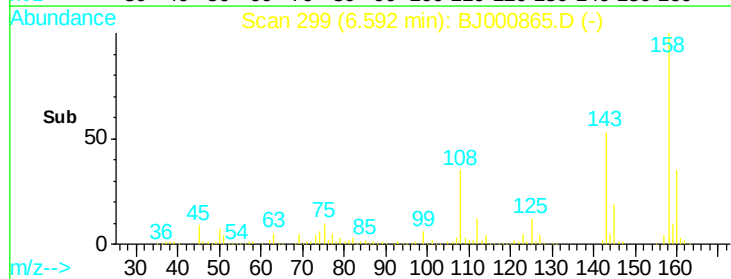
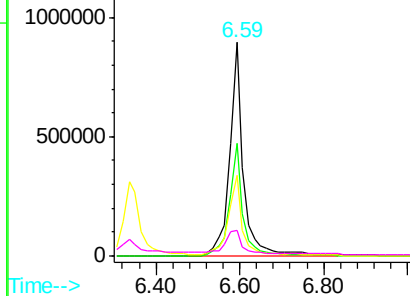


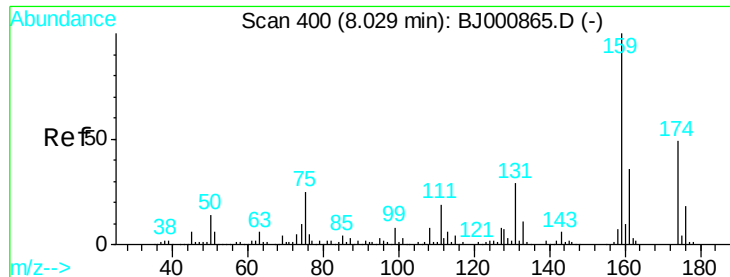
#11
p-Chlorophenylmethylsulfide
Concen: 12.98 ug/mL
RT: 6.59 min Scan# 299
Delta R.T. 0.00 min
Lab File: BJ000865.D
Acq: 30 Apr 2012 11:41

Tgt Ion:158 Resp: 2054623
Ion Ratio Lower Upper
158 100
143 52.6 32.6 72.6
108 37.8 17.8 57.8
45 11.8 0.0 31.8



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: 12.83 ug/mL

RT: 8.03 min Scan# 400

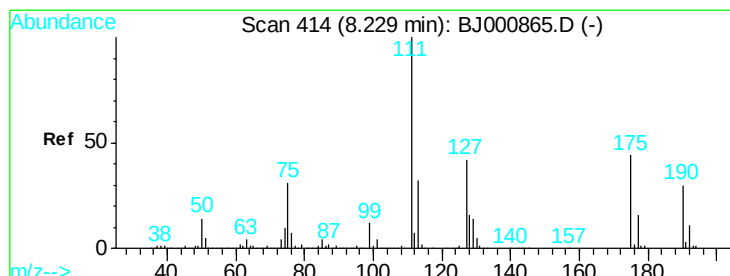
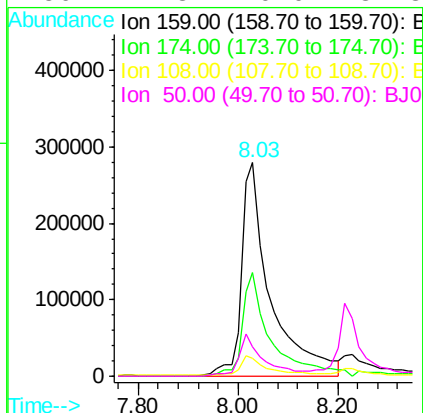
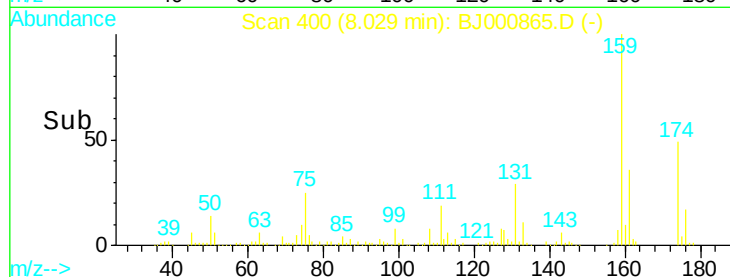
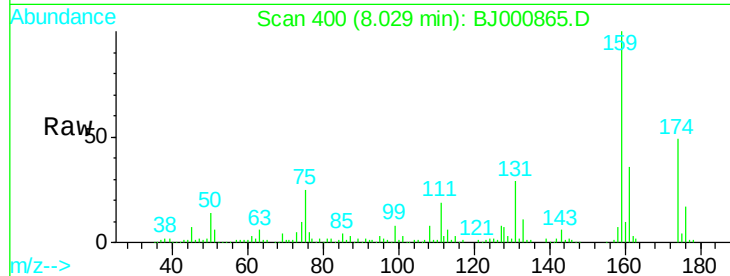
Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

Tgt Ion:159 Resp: 1133741

Ion	Ratio	Lower	Upper
159	100		
174	47.0	27.0	67.0
108	9.1	0.0	29.1
50	17.3	0.0	37.3



#14

p-Chlorophenylmethylsulfone

Concen: 12.28 ug/mL

RT: 8.23 min Scan# 414

Delta R.T. 0.00 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

Tgt Ion:111 Resp: 1599236

Ion	Ratio	Lower	Upper
111	100		
75	33.2	13.2	53.2
127	41.5	21.5	61.5
190	29.8	9.8	49.8

