

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000862.D
 Acq On : 28 Apr 2012 5:39
 Sample : D2367-19MS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:33 2012

Vial: 41
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Mon Apr 30 10:31:38 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	206789	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.05	136	814862	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	169971	0.61	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	122.00%
12) 2-Bromothioanisole	7.35	204	253603	4.74	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.76	94	299379	3.93	ug/mL#	48
3) DMMP	3.70	79	10103	0.25	ug/mL	98
4) DIMP	4.91	97	26816	0.16	ug/mL#	21
5) 1,4-Oxathiane	3.76	46	2570760	35.05	ug/mL#	76
7) 1,4-Dithiane	5.23	46	6873847	127.71	ug/mL#	84
8) Thiodiglycol	6.07	61	58610	2.76	ug/mL	89
9) Benzothiazole	6.35	135	2198649	10.84	ug/mL	98
11) p-Chlorophenylmethyldisulfide	6.59	158	1459239	10.40	ug/mL	94
13) p-Chlorophenylmethyldisulfoxide	8.03	159	955851	12.21	ug/mL	95
14) p-Chlorophenylmethyldisulfonate	8.23	111	1266329	10.97	ug/mL	99

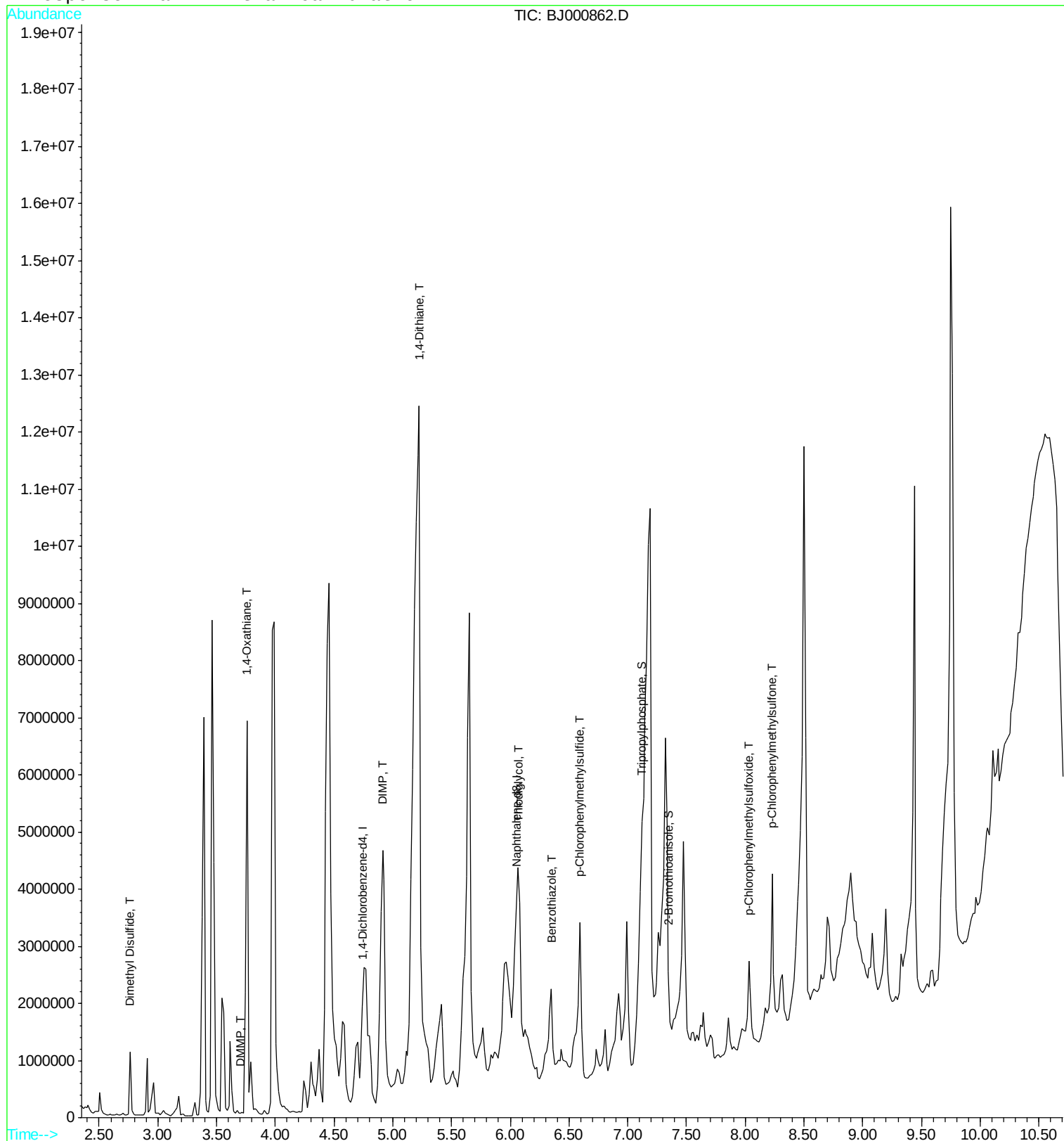
Quantitation Report

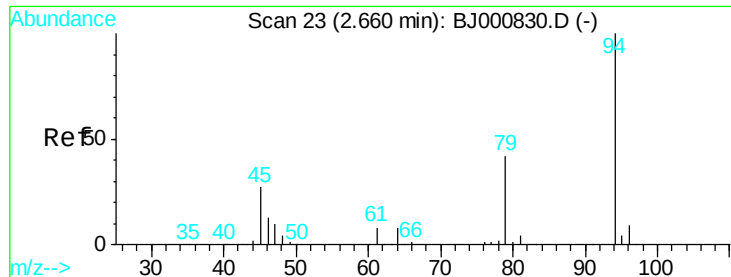
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#2

Dimethyl Disulfide

Concen: 3.93 ug/mL

RT: 2.76 min Scan# 30

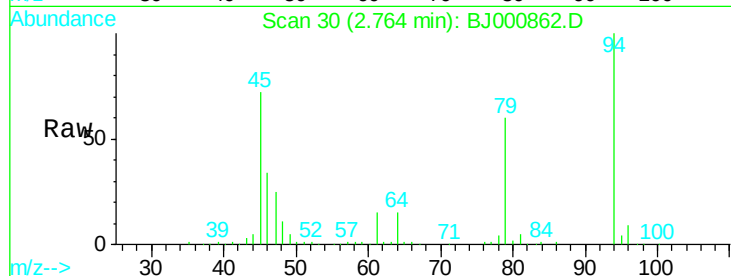
Delta R.T. 0.10 min

Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

Tgt Ion: 94 Resp: 299379

Ion	Ratio	Lower	Upper
94	100		
45	71.7	7.2	47.2
79	60.2	21.6	61.6

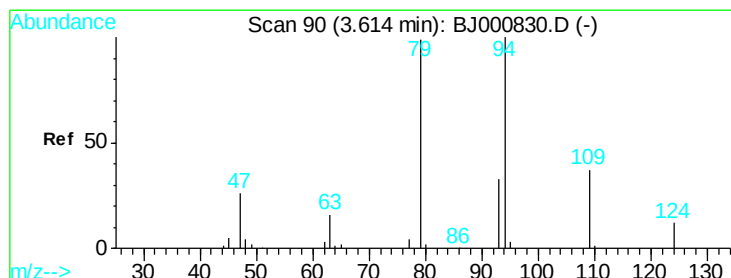
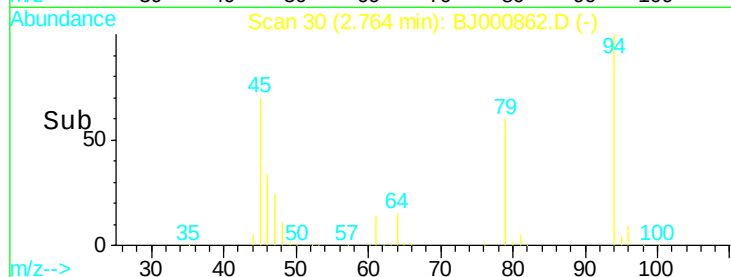
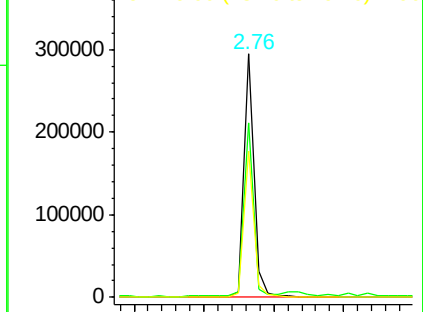


Abundance

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: 0.25 ug/mL

RT: 3.70 min Scan# 96

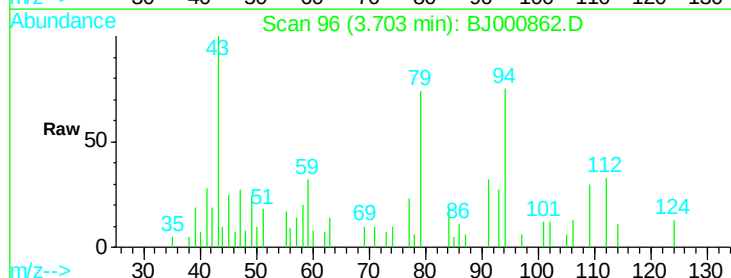
Delta R.T. 0.09 min

Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

Tgt Ion: 79 Resp: 10103

Ion	Ratio	Lower	Upper
79	100		
94	100.5	80.8	120.8
109	40.9	17.5	57.5

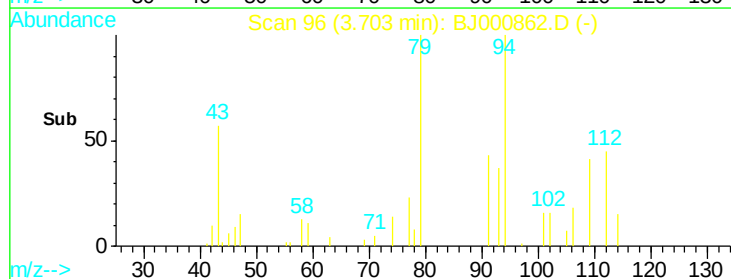
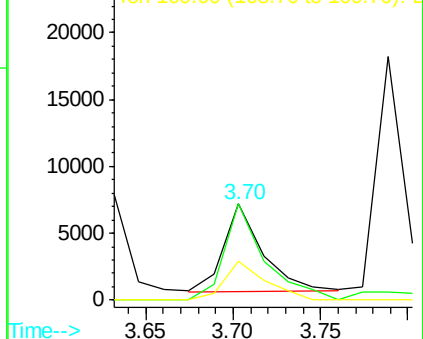


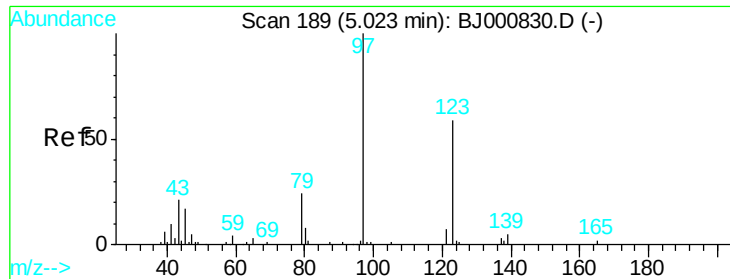
Abundance

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: 0.16 ug/mL

RT: 4.91 min Scan# 181

Delta R.T. -0.11 min

Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

Tgt Ion: 97 Resp: 26816

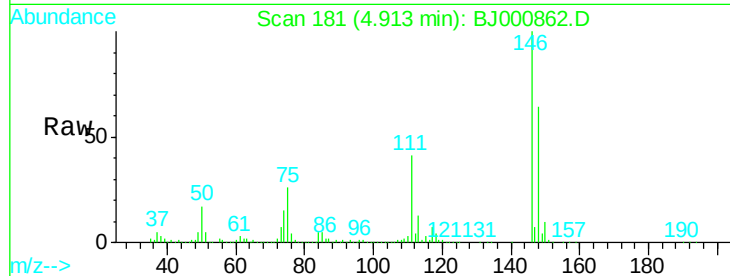
Ion Ratio Lower Upper

97 100

123 9.1 39.1 79.1#

43 65.6 0.9 40.9#

41 54.1 0.0 30.0#



Abundance

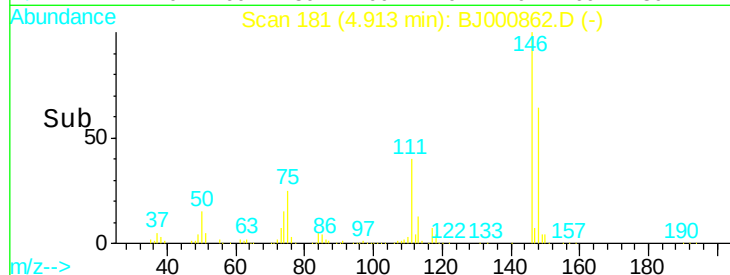
Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

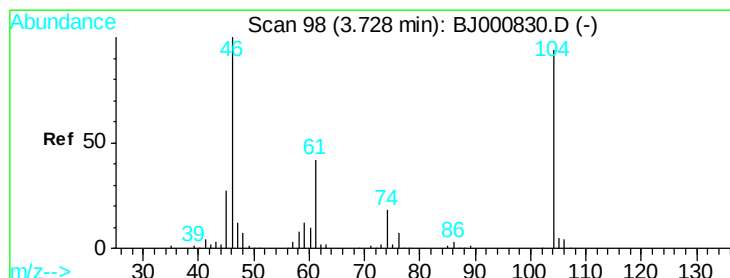
Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0

Time-->



Time-->



#5

1,4-Oxathiane

Concen: 35.05 ug/mL

RT: 3.76 min Scan# 100

Delta R.T. 0.03 min

Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

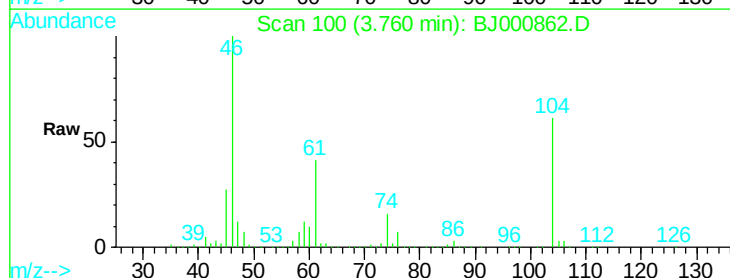
Tgt Ion: 46 Resp: 2570760

Ion Ratio Lower Upper

46 100

61 40.6 22.0 62.0

104 60.9 73.6 113.6#



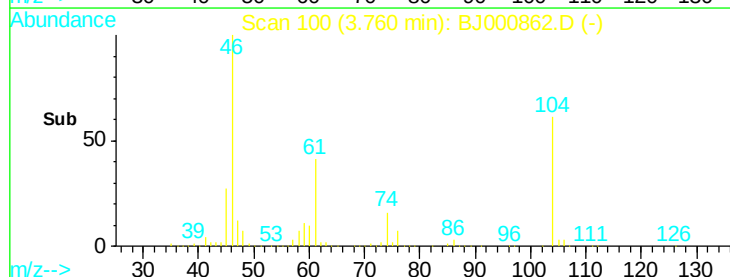
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

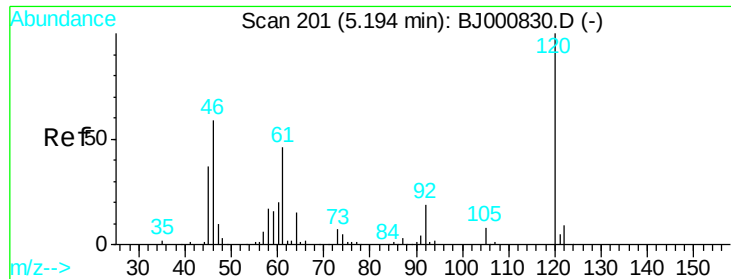
Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0

Time-->



Time-->



#7

1,4-Dithiane

Concen: 127.71 ug/mL

RT: 5.23 min Scan# 203

Delta R.T. 0.03 min

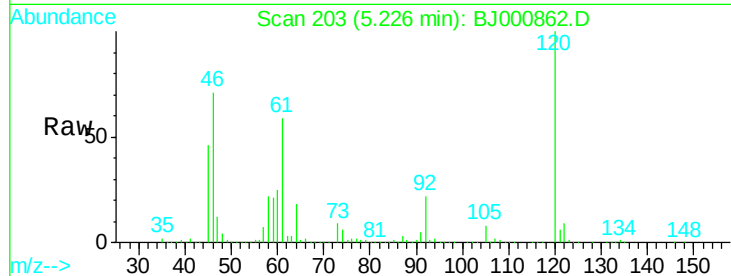
Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

Tgt Ion: 46 Resp: 6873847

Ion Ratio Lower Upper

46	100		
61	82.8	56.7	96.7
120	140.5	148.6	188.6#

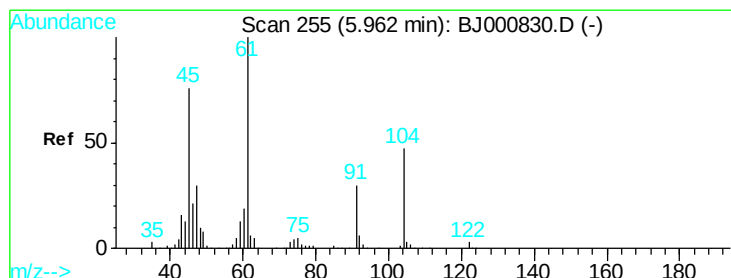
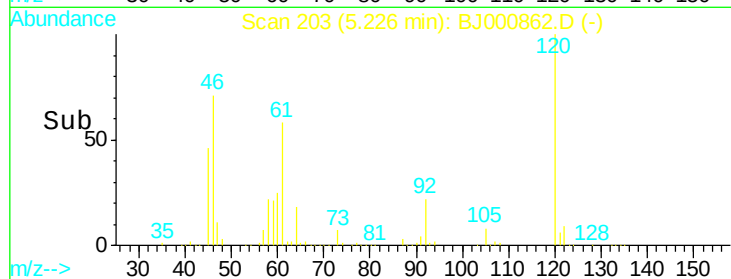
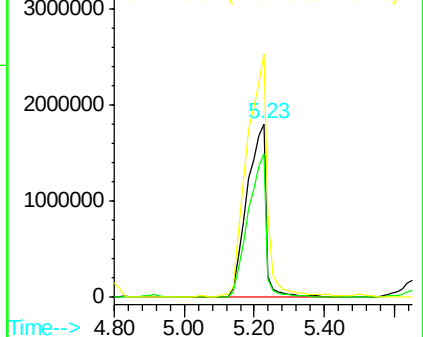


Abundance

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: 2.76 ug/mL

RT: 6.07 min Scan# 262

Delta R.T. 0.10 min

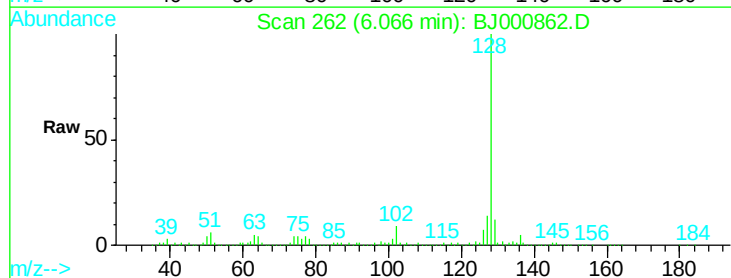
Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

Tgt Ion: 61 Resp: 58610

Ion Ratio Lower Upper

61	100		
45	73.2	56.4	96.4
47	14.2	10.1	50.1

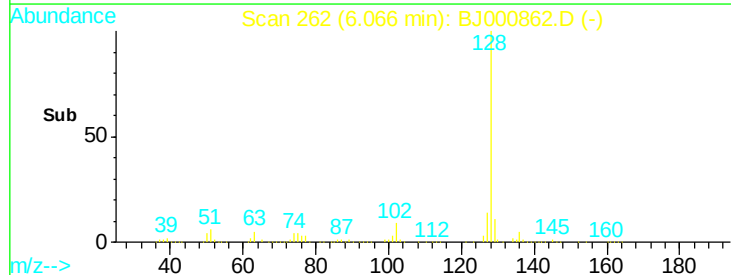
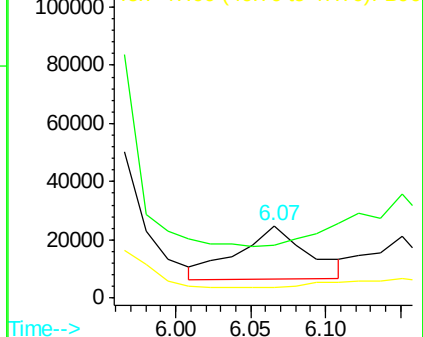


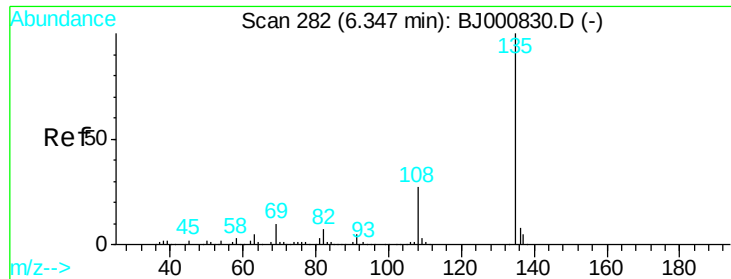
Abundance

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: 10.84 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

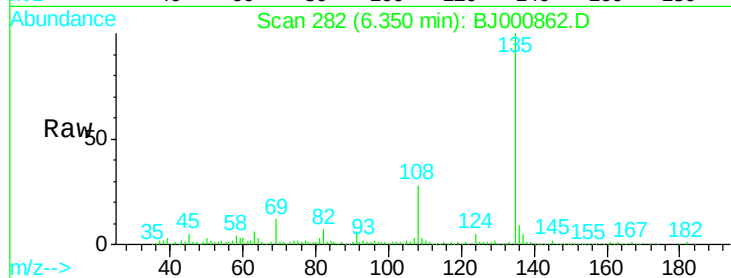
Tgt Ion:135 Resp: 2198649

Ion Ratio Lower Upper

135 100

108 27.9 7.0 47.0

69 11.6 0.0 30.4

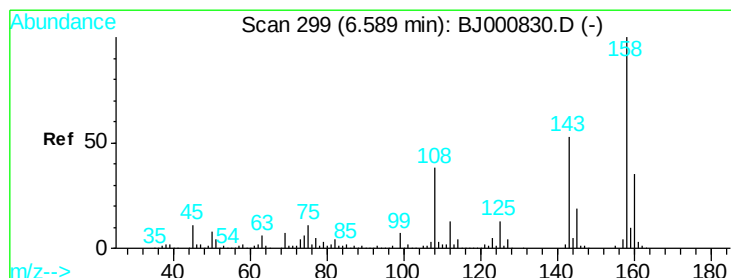
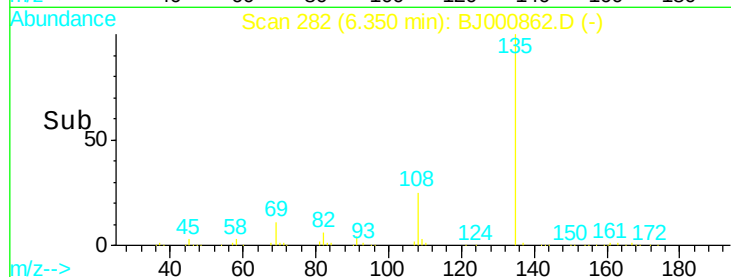
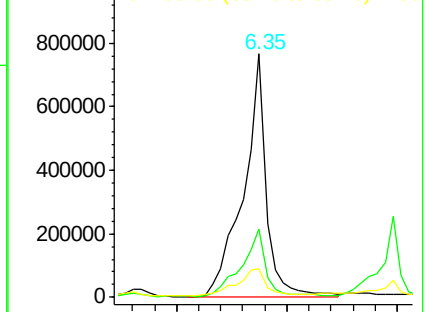


Abundance

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: 10.40 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000862.D

Acq: 28 Apr 2012 5:39

Tgt Ion:158 Resp: 1459239

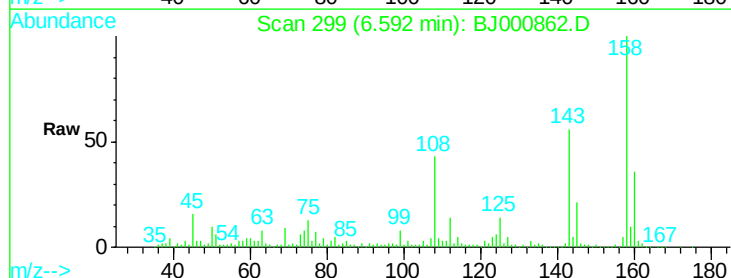
Ion Ratio Lower Upper

158 100

143 55.5 32.7 72.7

108 43.0 18.7 58.7

45 16.2 0.0 31.9



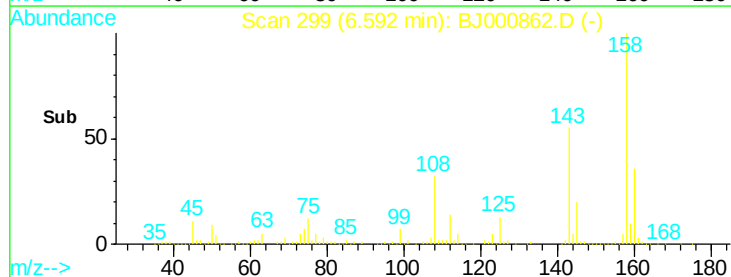
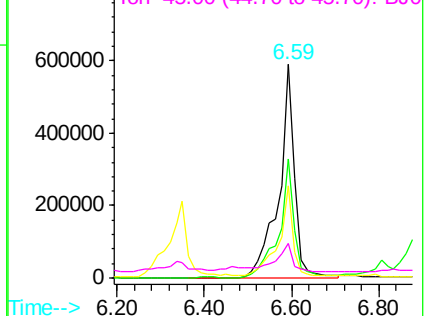
Abundance

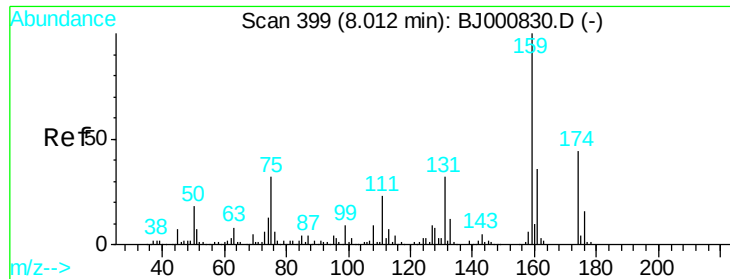
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

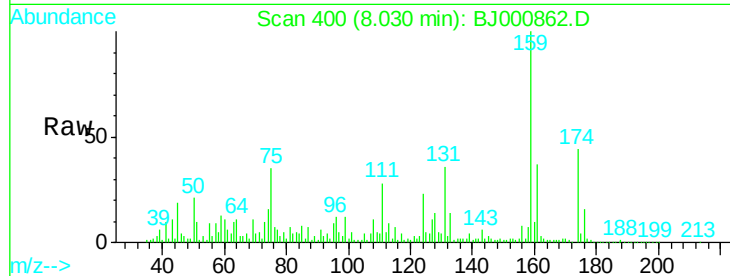
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.21 ug/mL
RT: 8.03 min Scan# 400
Delta R.T. 0.02 min
Lab File: BJ000862.D
Acq: 28 Apr 2012 5:39

Tgt Ion:	159	Resp:	955851
Ion Ratio	Lower	Upper	
159	100		
174	52.1	28.0	68.0
108	9.0	0.0	28.5
50	17.2	0.0	36.1



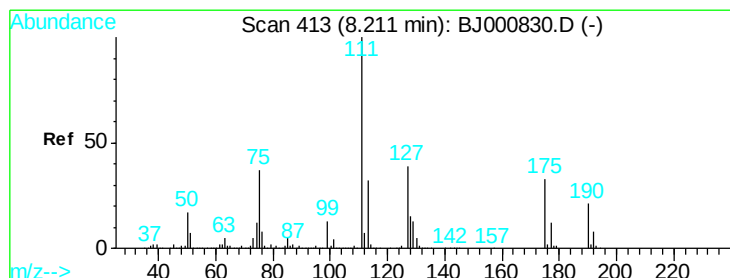
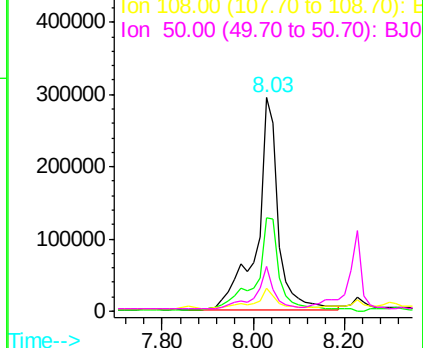
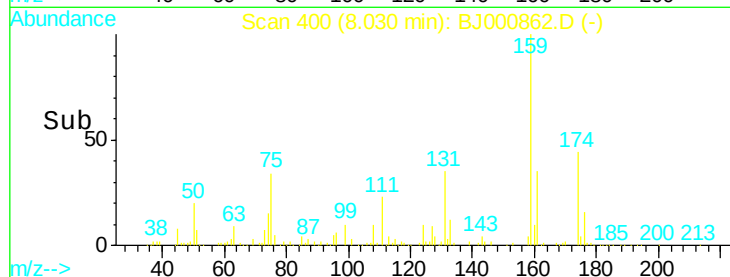
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

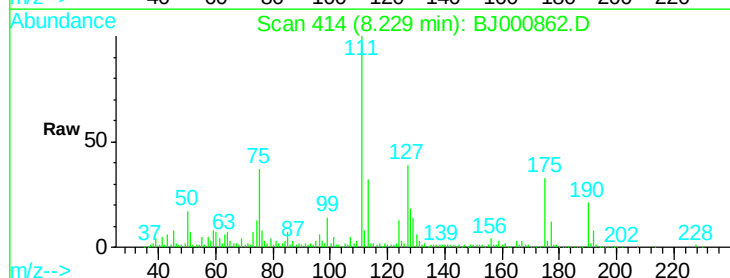
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 10.97 ug/mL
RT: 8.23 min Scan# 414
Delta R.T. 0.02 min
Lab File: BJ000862.D
Acq: 28 Apr 2012 5:39

Tgt Ion:	111	Resp:	1266329
Ion Ratio	Lower	Upper	
111	100		
75	37.0	18.5	58.5
127	39.0	19.3	59.3
190	21.1	0.9	40.9



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

