

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000836.D
 Acq On : 27 Apr 2012 21:55
 Sample : 2330-18
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 15
 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	241290	2.00	ug/mL	-0.02
6) Naphthalene-d8	6.05	136	975963	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	211951	0.64	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	128.00%
12) 2-Bromothioanisole	7.34	204	334498	5.22	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
5) 1,4-Oxathiane	3.73	46	32337	0.38	ug/mL#	71
7) 1,4-Dithiane	5.19	46	24246	0.38	ug/mL#	77
8) Thiodiqlvcol	5.95	61	5197	1.80	ug/mL#	1
9) Benzothiazole	6.34	135	14334	0.06	ug/mL#	38
11) p-Chlorophenylmethylsulfid	6.59	158	63869	0.38	ug/mL	95
13) p-Chlorophenylmethylsulfox	8.04	159	14398	0.15	ug/mL#	52
14) p-Chlorophenylmethylsulfon	8.21	111	18136	0.13	ug/mL	96

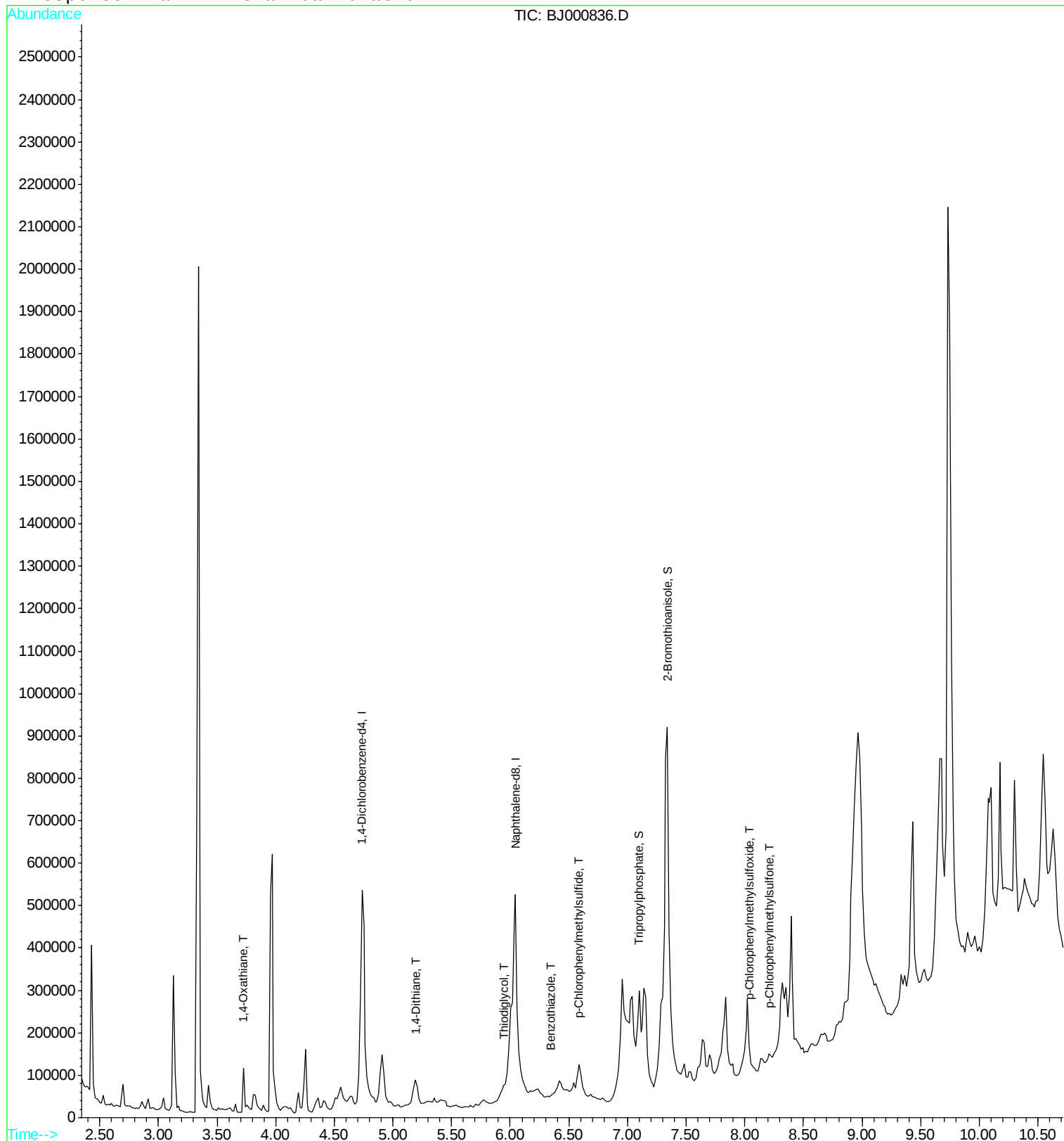
Quantitation Report

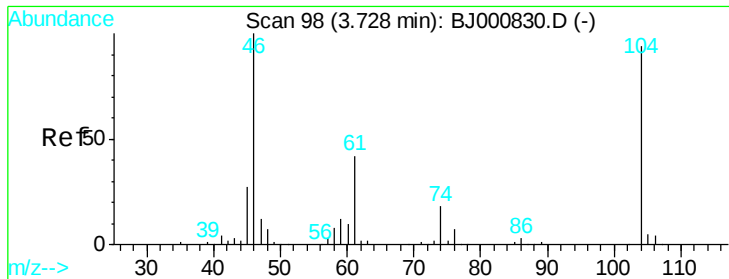
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#5

1,4-Oxathiane

Concen: 0.38 ug/mL

RT: 3.73 min Scan# 98

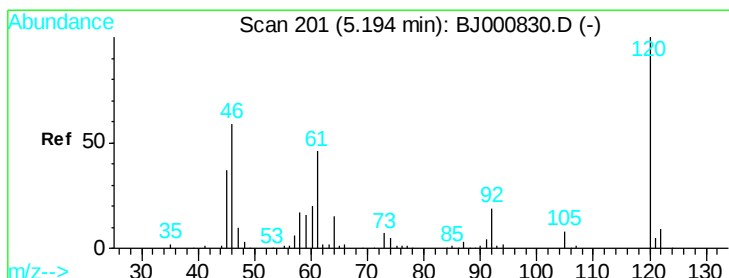
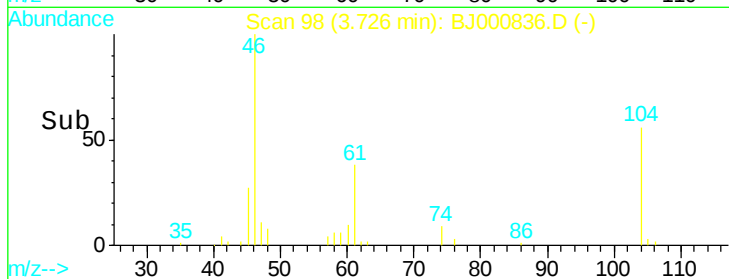
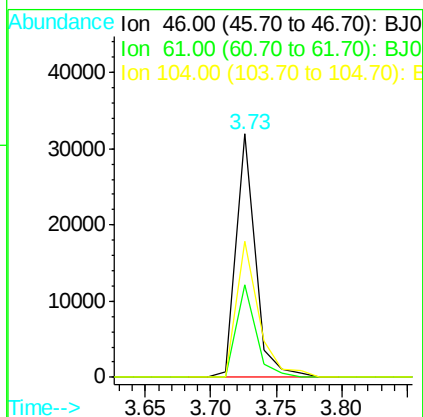
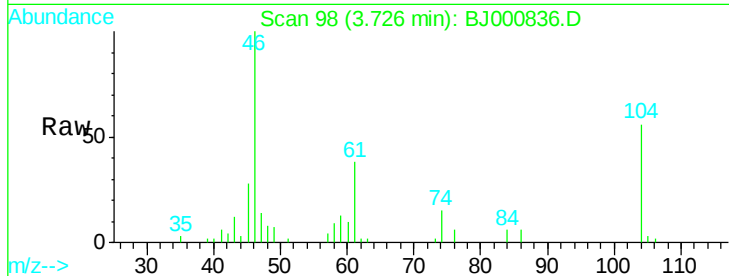
Delta R.T. -0.00 min

Lab File: BJ000836.D

Acq: 27 Apr 2012 21:55

Tgt Ion: 46 Resp: 32337

Ion	Ratio	Lower	Upper
46	100		
61	37.8	22.0	62.0
104	55.7	73.6	113.6#



#7

1,4-Dithiane

Concen: 0.38 ug/mL

RT: 5.19 min Scan# 201

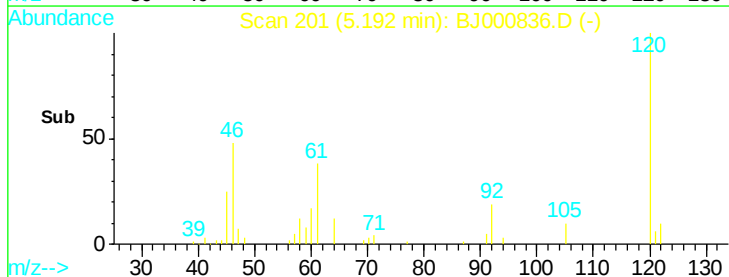
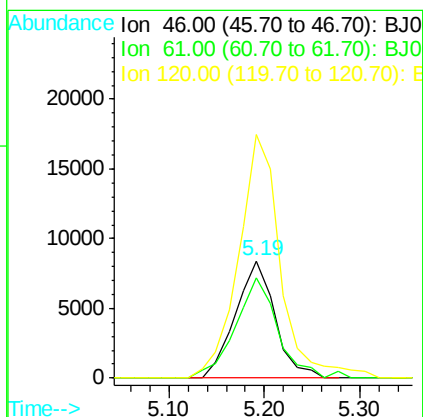
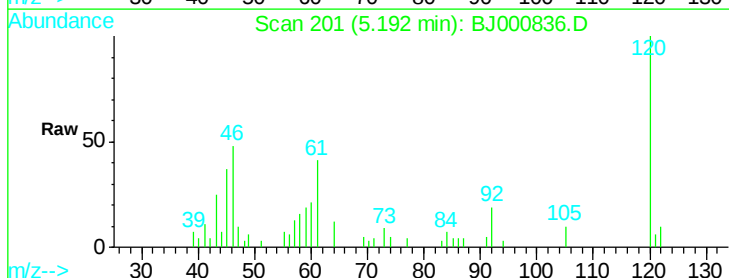
Delta R.T. -0.00 min

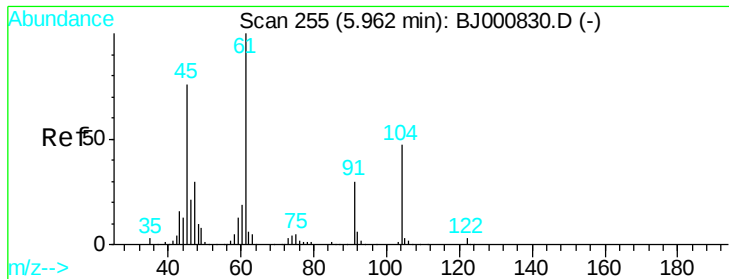
Lab File: BJ000836.D

Acq: 27 Apr 2012 21:55

Tgt Ion: 46 Resp: 24246

Ion	Ratio	Lower	Upper
46	100		
61	86.2	56.7	96.7
120	208.2	148.6	188.6#





#8

Thiodiglycol

Concen: 1.80 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.02 min

Lab File: BJ000836.D

Acq: 27 Apr 2012 21:55

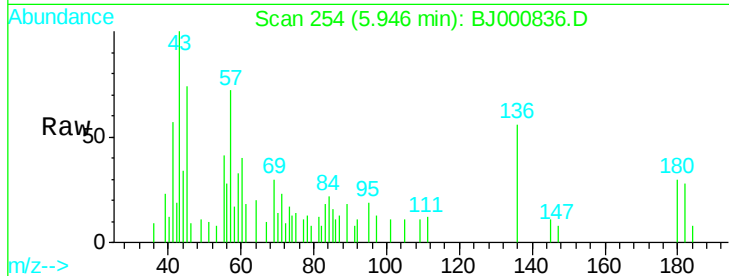
Tgt Ion: 61 Resp: 5197

Ion Ratio Lower Upper

61 100

45 407.5 56.4 96.4#

47 0.0 10.1 50.1#

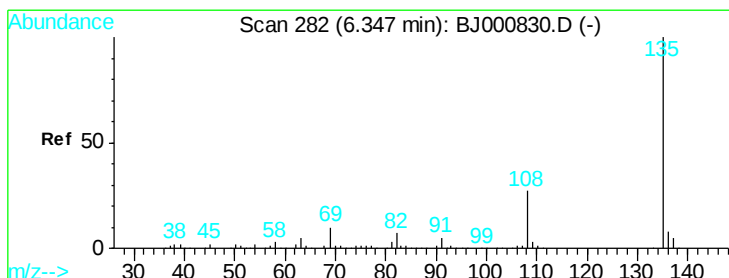
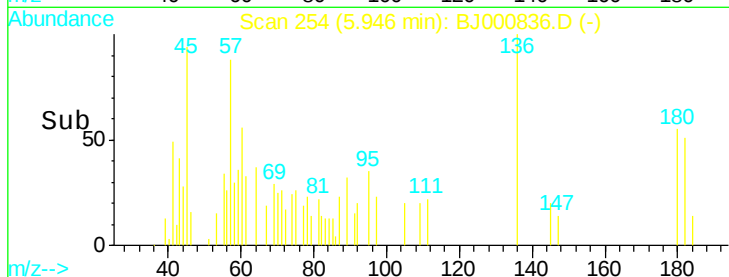
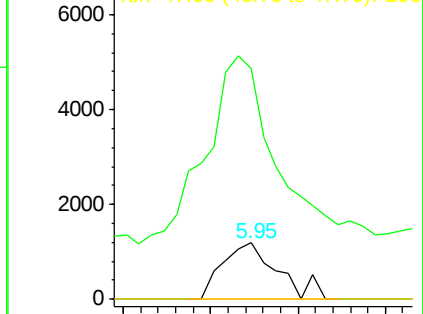


Abundance

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: 0.06 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000836.D

Acq: 27 Apr 2012 21:55

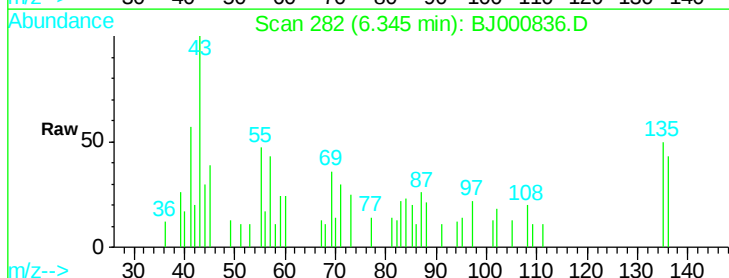
Tgt Ion: 135 Resp: 14334

Ion Ratio Lower Upper

135 100

108 38.9 7.0 47.0

69 71.0 0.0 30.4#

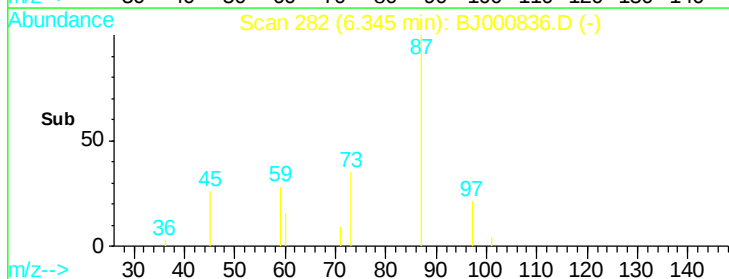
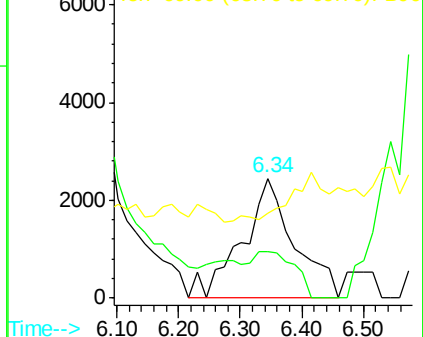


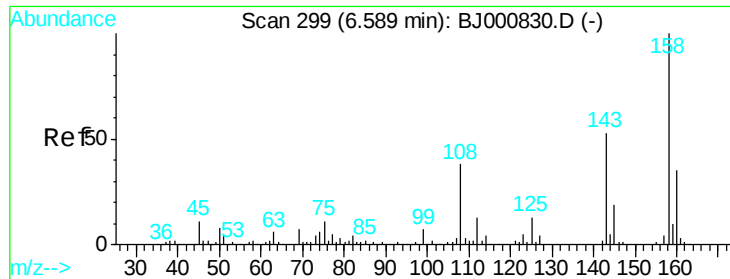
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

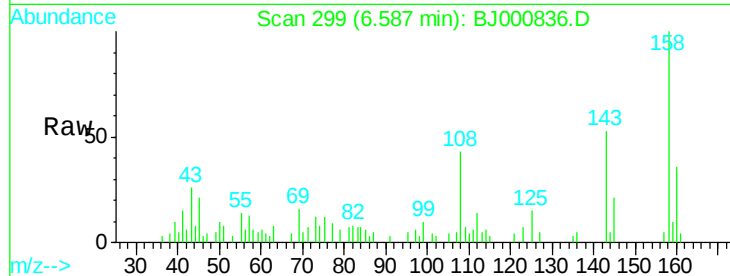
Ion 69.00 (68.70 to 69.70): BJ0





#11
p-Chlorophenylmethylsulfide
Concen: 0.38 ug/mL
RT: 6.59 min Scan# 299
Delta R.T. -0.00 min
Lab File: BJ000836.D
Acq: 27 Apr 2012 21:55

Tgt Ion:	158	Resp:	63869
Ion	Ratio	Lower	Upper
158	100		
143	52.8	32.7	72.7
108	42.8	18.7	58.7
45	20.8	0.0	31.9



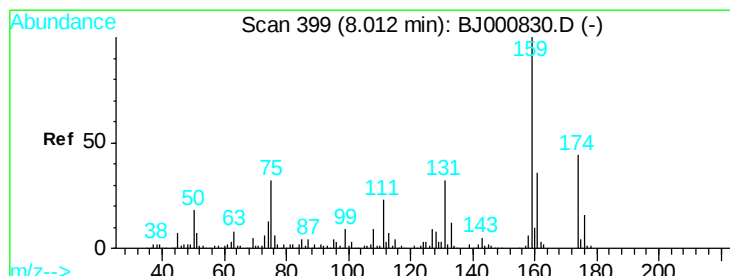
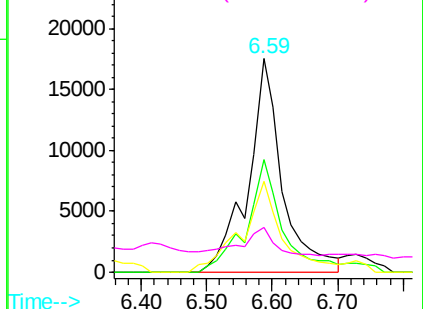
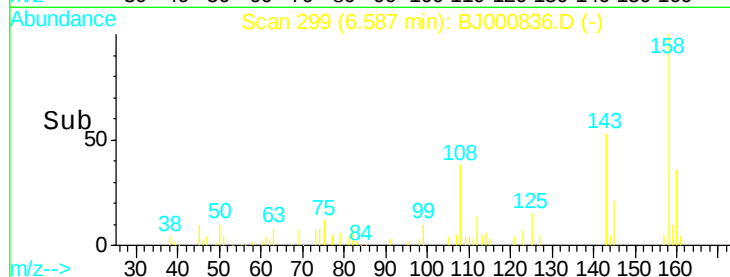
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

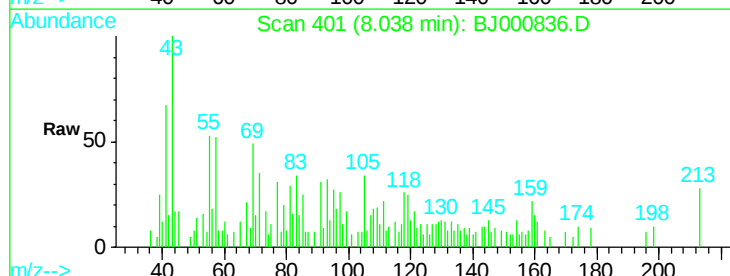
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 0.15 ug/mL
RT: 8.04 min Scan# 401
Delta R.T. 0.03 min
Lab File: BJ000836.D
Acq: 27 Apr 2012 21:55

Tgt Ion:	159	Resp:	14398
Ion	Ratio	Lower	Upper
159	100		
174	23.3	28.0	68.0#
108	44.4	0.0	28.5#
50	38.4	0.0	36.1#



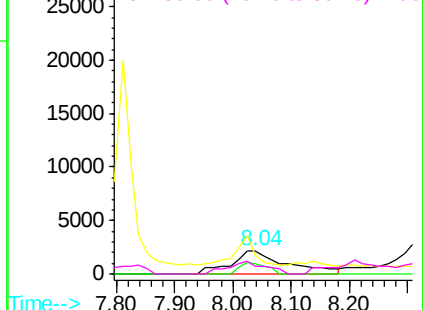
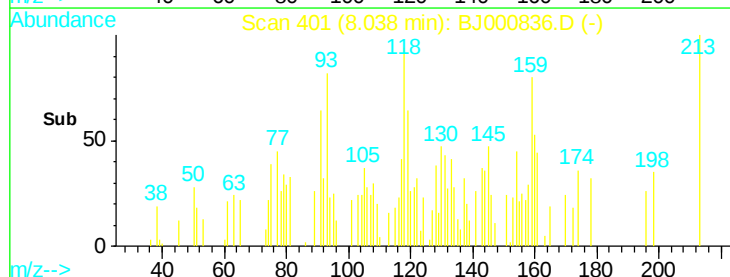
Abundance

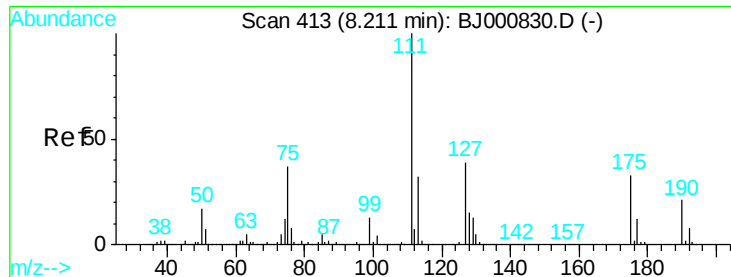
Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

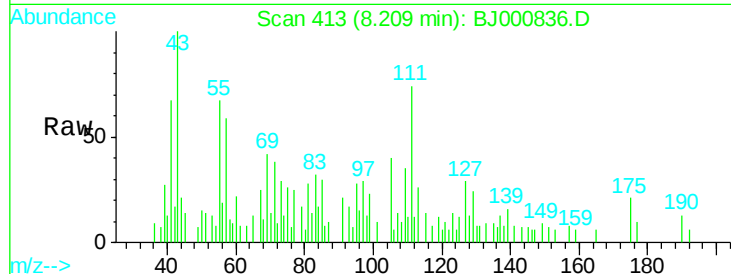
Ion 50.00 (49.70 to 50.70): BJ0





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.13 ug/mL
 RT: 8.21 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BJ000836.D
 Acq: 27 Apr 2012 21:55

Tgt Ion:	111	Resp:	18136
Ion	Ratio	Lower	Upper
111	100		
75	35.4	18.5	58.5
127	39.0	19.3	59.3
190	17.8	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

