

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000863.D
 Acq On : 28 Apr 2012 5:56
 Sample : D2367-20MSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:33 2012

Vial: 42
 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	4.75	152	233626	2.00	ug/mL	0.00
6) Naphthalene-d8	6.04	136	932715	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.13	99	199588	0.63	ug/mL	0.04
Spiked Amount 0.500	Range 70 - 130		Recovery	=	126.00%	
12) 2-Bromothioanisole	7.35	204	278440	4.55	ug/mL	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery	=	91.00%	

Target Compounds

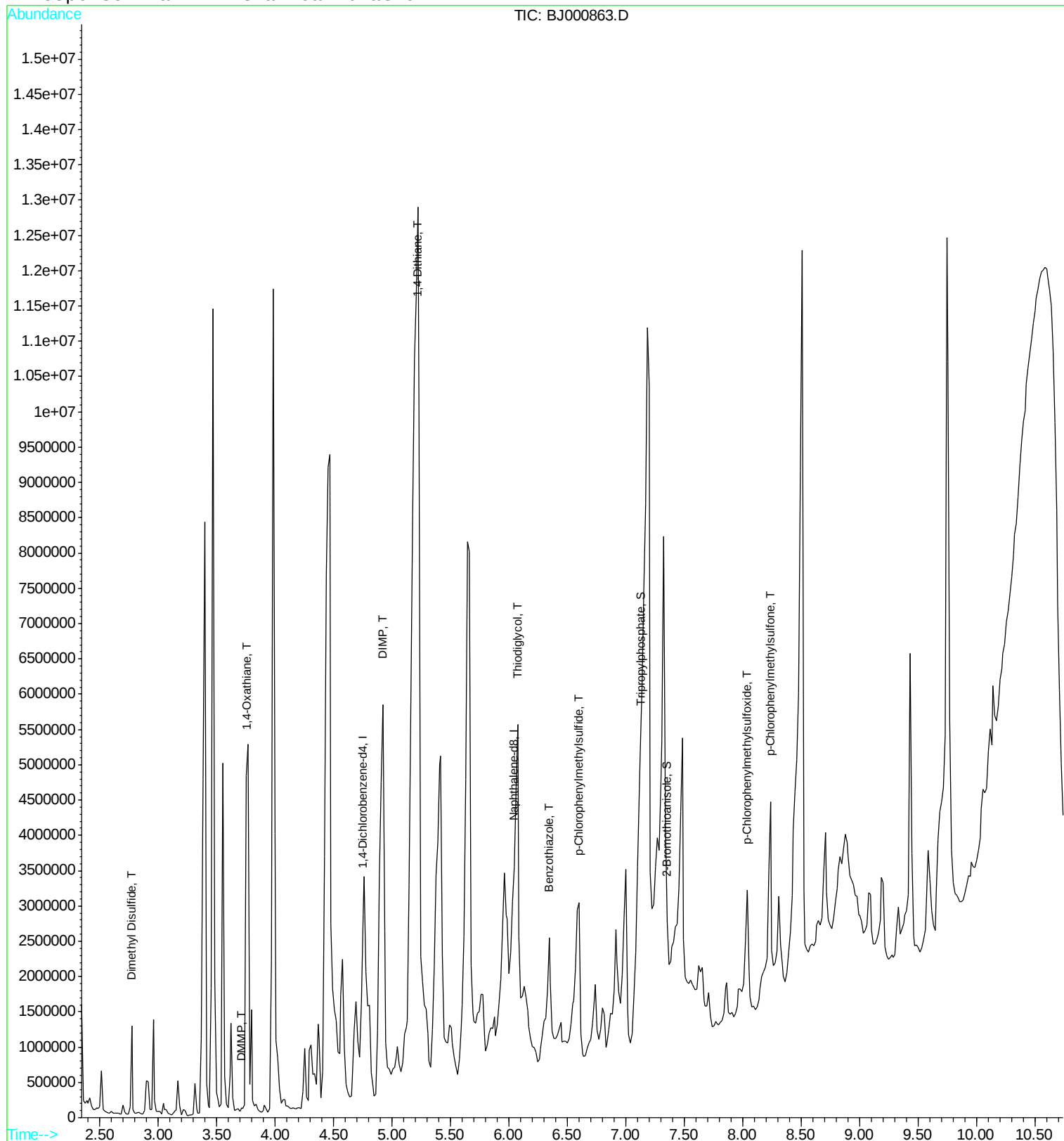
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.77	94	442332	5.14	ug/mL	88
3) DMMP	3.71	79	19286	0.35	ug/mL	97
4) DIMP	4.92	97	29460	0.15	ug/mL#	19
5) 1,4-Oxathiane	3.75	46	2658121	32.08	ug/mL#	58
7) 1,4-Dithiane	5.22	46	7430061	120.60	ug/mL#	82
8) Thiodiglycol	6.07	61	62583	2.69	ug/mL	92
9) Benzothiazole	6.34	135	2445005	10.53	ug/mL	87
11) p-Chlorophenylmethyldisulfide	6.60	158	1629736	10.15	ug/mL	92
13) p-Chlorophenylmethyldisulfox	8.04	159	1095034	12.22	ug/mL	95
14) p-Chlorophenylmethyldisulfon	8.24	111	1424681	10.79	ug/mL	87

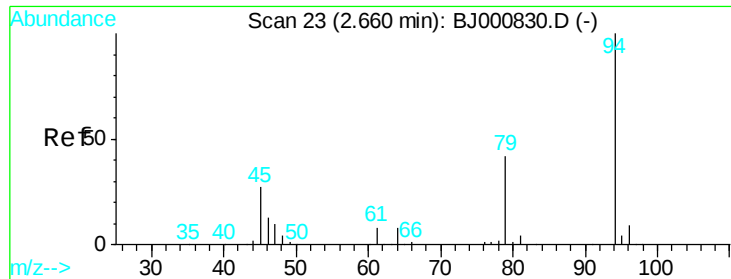
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#2

Dimethyl Disulfide

Concen: 5.14 ug/mL

RT: 2.77 min Scan# 31

Delta R.T. 0.11 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

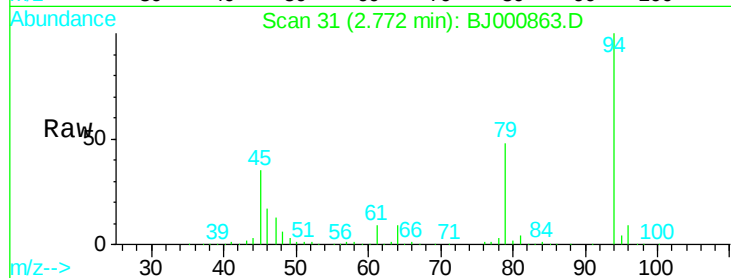
Tgt Ion: 94 Resp: 442332

Ion Ratio Lower Upper

94 100

45 34.5 7.2 47.2

79 47.9 21.6 61.6

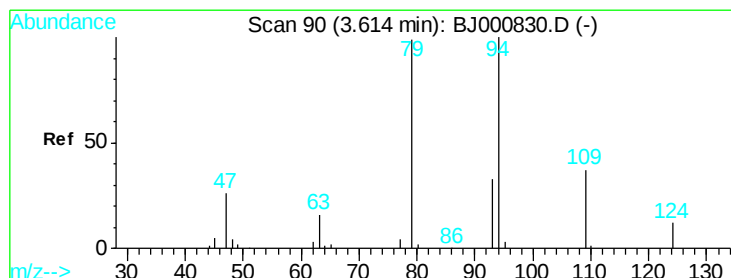
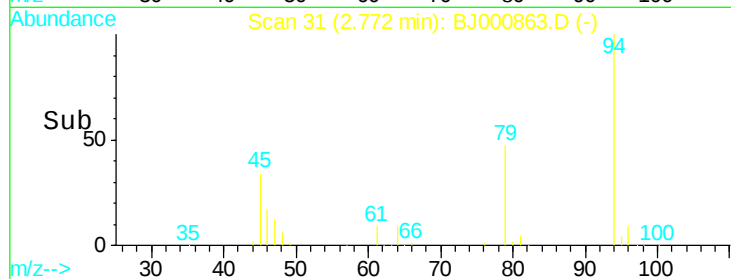
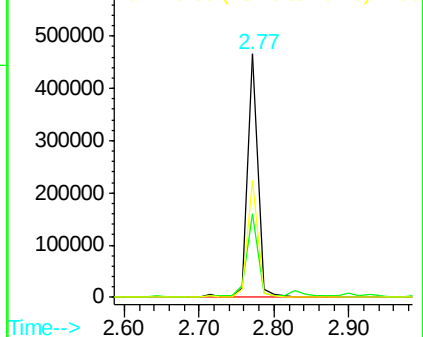


Abundance

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: 0.35 ug/mL

RT: 3.71 min Scan# 97

Delta R.T. 0.10 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

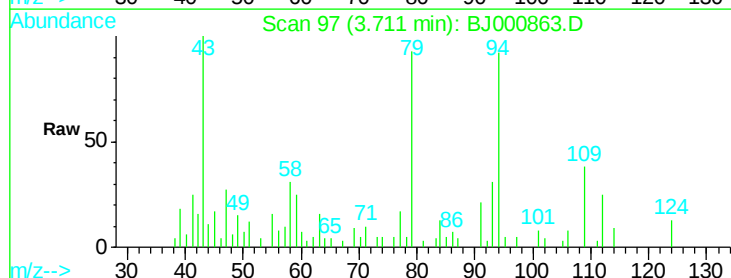
Tgt Ion: 79 Resp: 19286

Ion Ratio Lower Upper

79 100

94 98.6 80.8 120.8

109 40.5 17.5 57.5

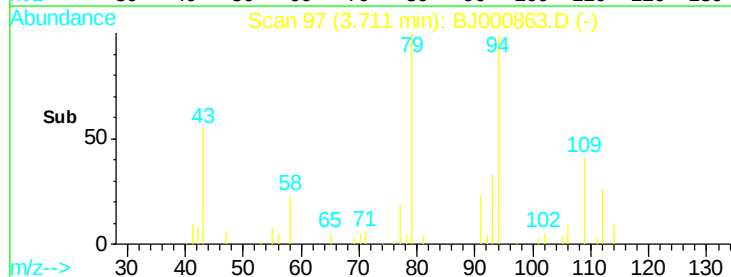
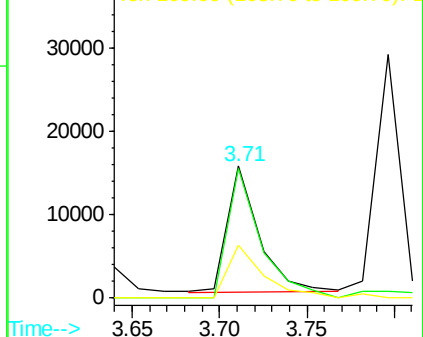


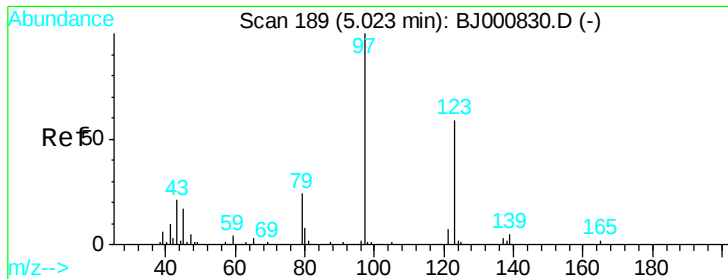
Abundance

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: 0.15 ug/mL

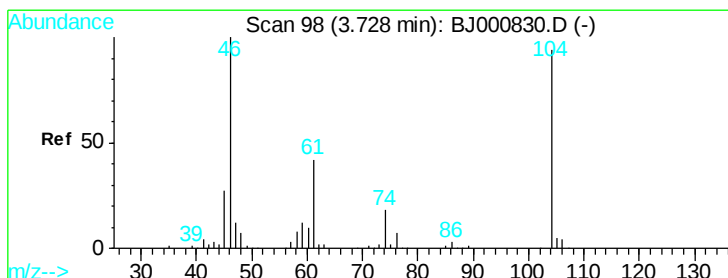
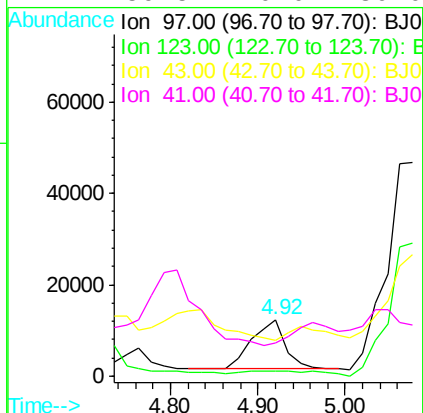
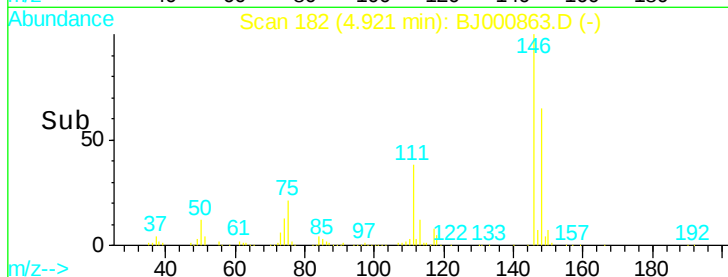
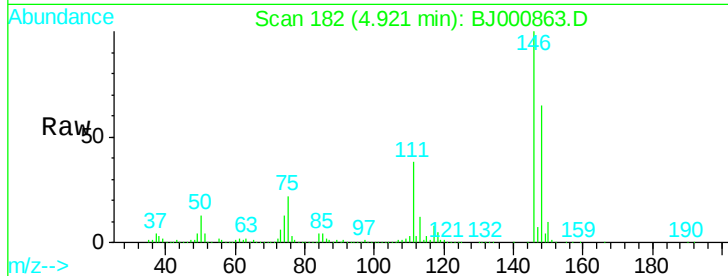
RT: 4.92 min Scan# 182

Delta R.T. -0.10 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

Tgt Ion:	97	Resp:	29460
Ion	Ratio	Lower	Upper
97	100		
123	8.1	39.1	79.1#
43	63.9	0.9	40.9#
41	59.5	0.0	30.0#



#5

1,4-Oxathiane

Concen: 32.08 ug/mL

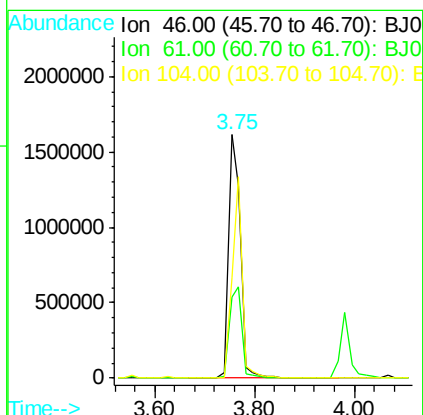
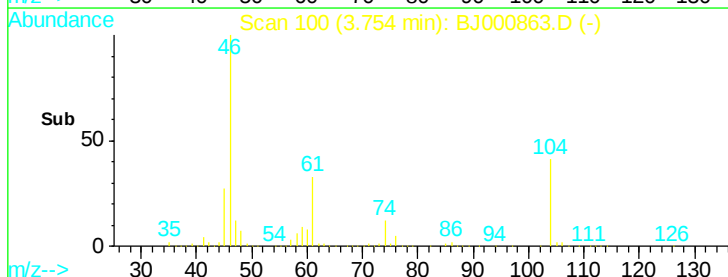
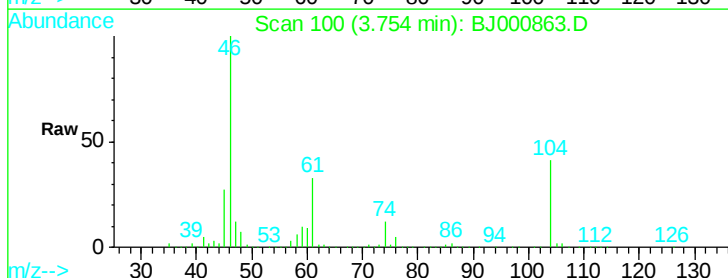
RT: 3.75 min Scan# 100

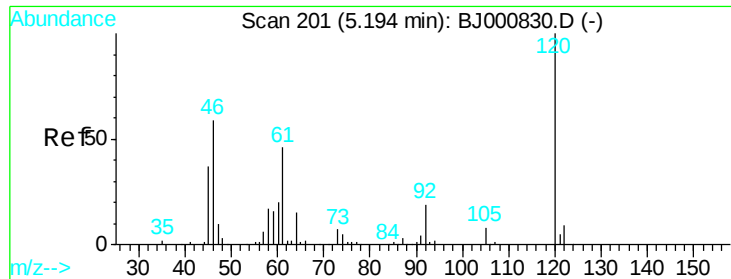
Delta R.T. 0.03 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

Tgt Ion:	46	Resp:	2658121
Ion	Ratio	Lower	Upper
46	100		
61	33.4	22.0	62.0
104	41.0	73.6	113.6#





#7

1,4-Dithiane

Concen: 120.60 ug/mL

RT: 5.22 min Scan# 203

Delta R.T. 0.03 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

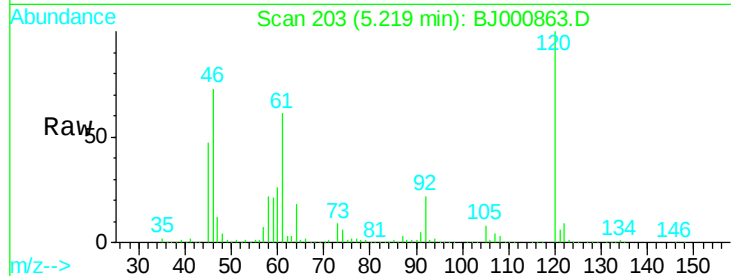
Tgt Ion: 46 Resp: 7430061

Ion Ratio Lower Upper

46 100

61 83.1 56.7 96.7

120 136.6 148.6 188.6#

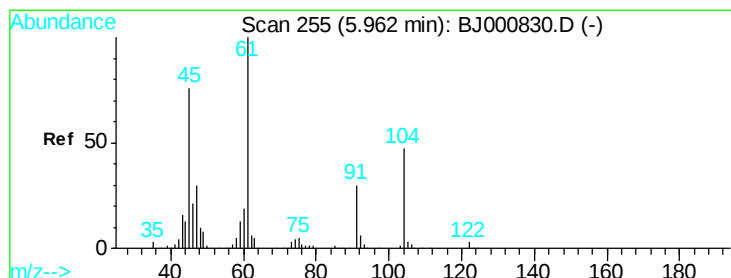
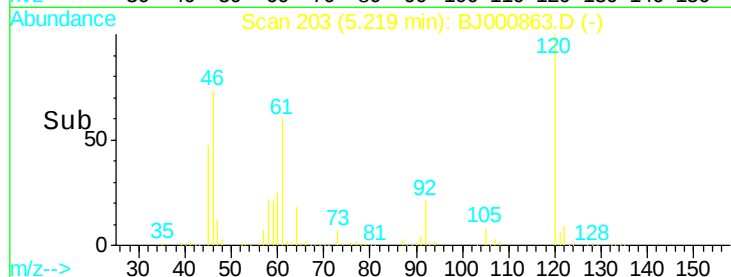
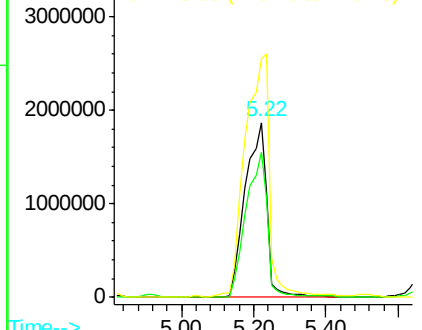


Abundance

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: 2.69 ug/mL

RT: 6.07 min Scan# 263

Delta R.T. 0.11 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

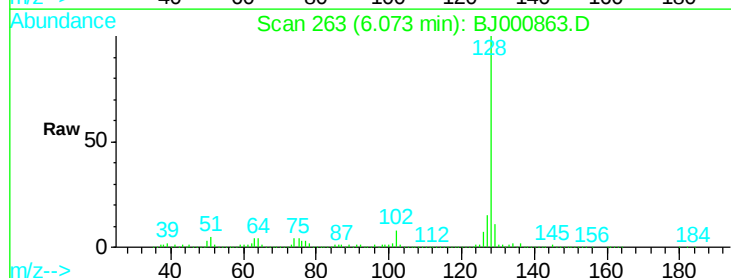
Tgt Ion: 61 Resp: 62583

Ion Ratio Lower Upper

61 100

45 77.6 56.4 96.4

47 16.2 10.1 50.1

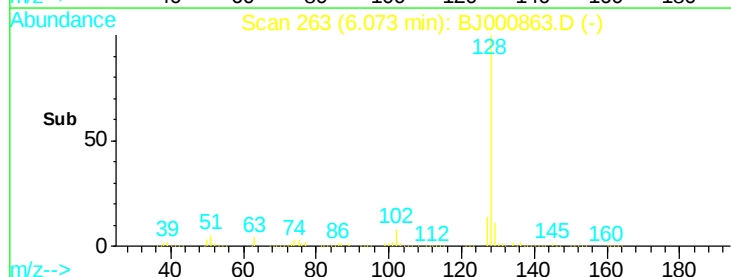
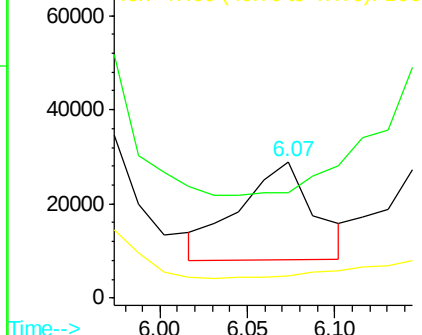


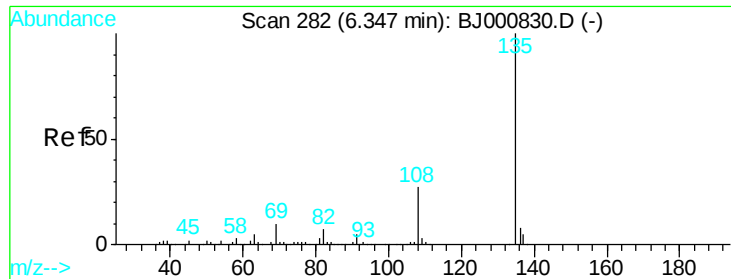
Abundance

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: 10.53 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

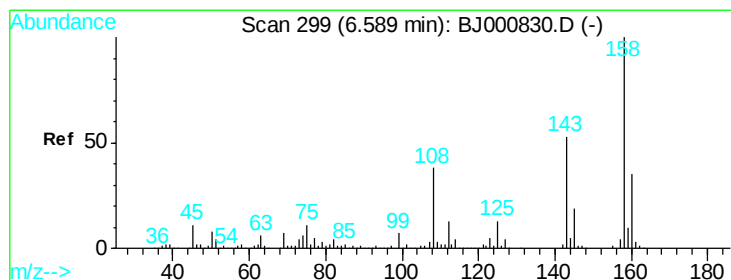
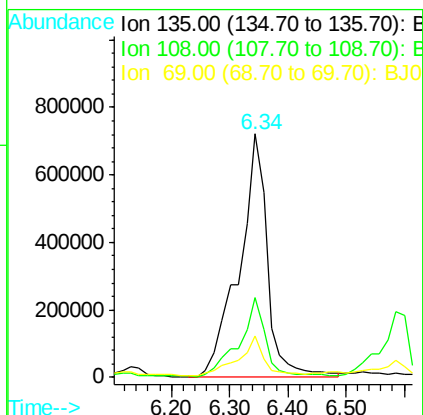
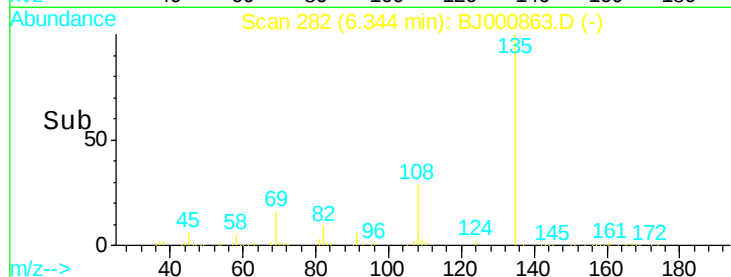
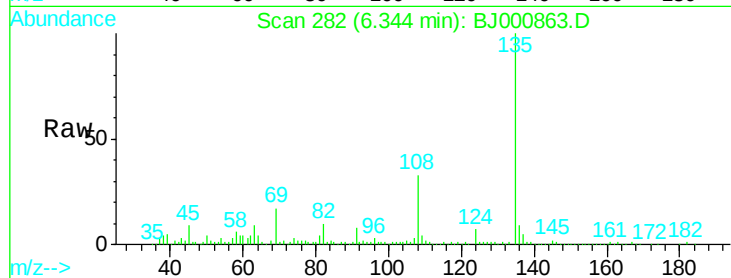
Tgt Ion:135 Resp: 2445005

Ion Ratio Lower Upper

135 100

108 32.7 7.0 47.0

69 16.8 0.0 30.4



#11

p-Chlorophenylmethylsulfide

Concen: 10.15 ug/mL

RT: 6.60 min Scan# 300

Delta R.T. 0.01 min

Lab File: BJ000863.D

Acq: 28 Apr 2012 5:56

Tgt Ion:158 Resp: 1629736

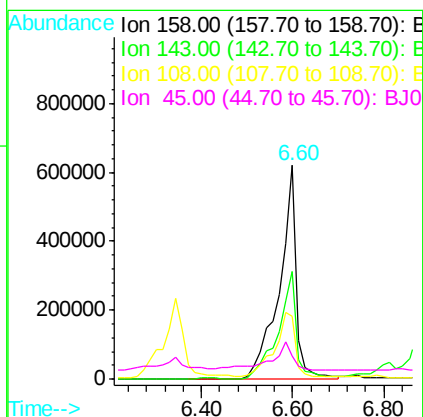
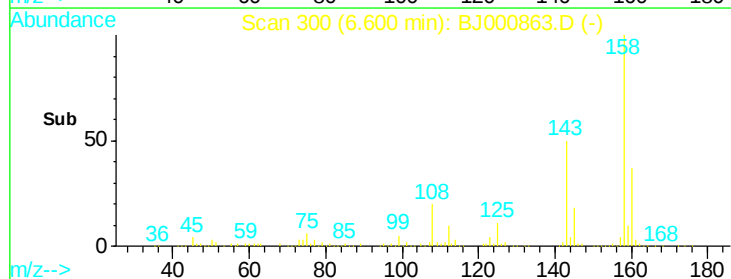
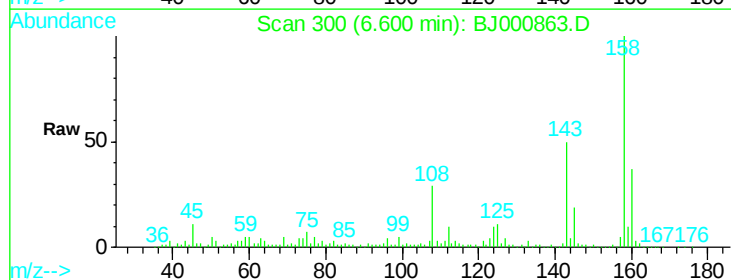
Ion Ratio Lower Upper

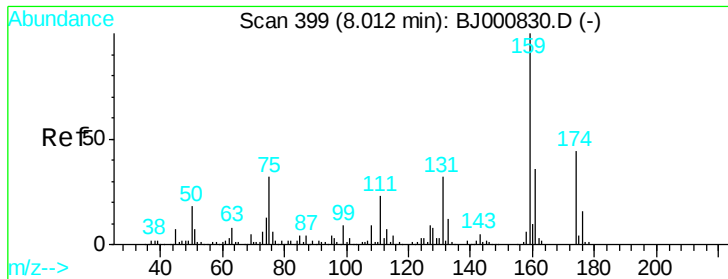
158 100

143 50.1 32.7 72.7

108 29.3 18.7 58.7

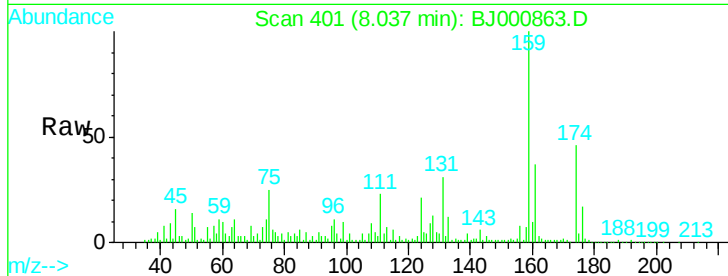
45 10.5 0.0 31.9





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.22 ug/mL
RT: 8.04 min Scan# 401
Delta R.T. 0.03 min
Lab File: BJ000863.D
Acq: 28 Apr 2012 5:56

Tgt Ion:159 Resp: 1095034
Ion Ratio Lower Upper
159 100
174 51.9 28.0 68.0
108 9.0 0.0 28.5
50 17.2 0.0 36.1



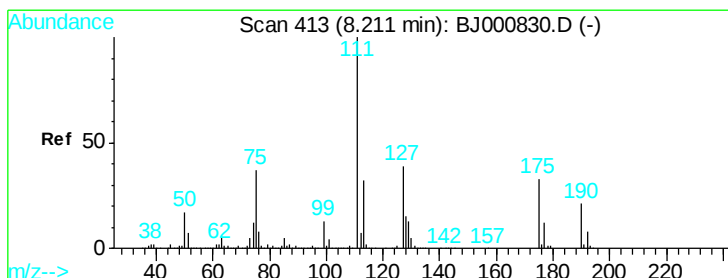
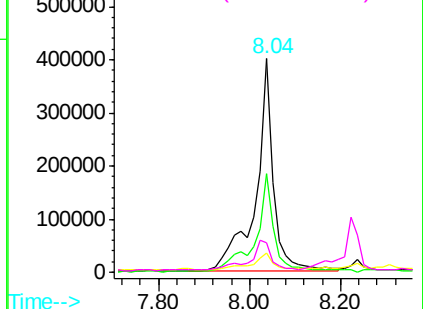
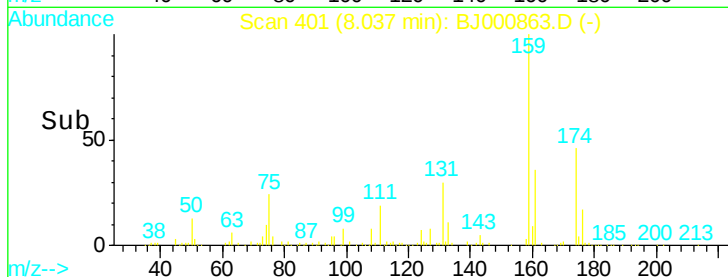
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

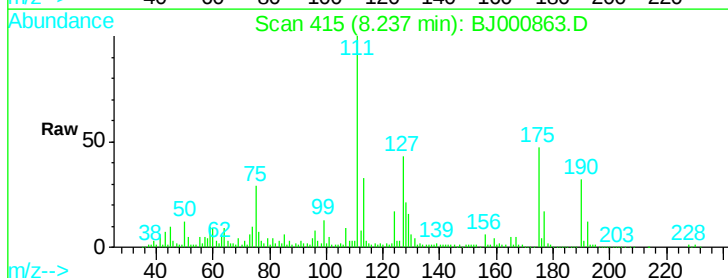
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 10.79 ug/mL
RT: 8.24 min Scan# 415
Delta R.T. 0.03 min
Lab File: BJ000863.D
Acq: 28 Apr 2012 5:56

Tgt Ion:111 Resp: 1424681
Ion Ratio Lower Upper
111 100
75 29.4 18.5 58.5
127 43.1 19.3 59.3
190 32.1 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

