

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001041.D

Vial: 8

Acq On : 20 Jul 2012 13:35

Operator: HLM

Sample : CWA-ICV

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jul 20 14:26 2012

Quant Results File: BJ072012.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jul 20 14:09:12 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.66	152	282967	2.00	ug/mL	-0.02
6) Naphthalene-d8	5.95	136	1239892	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.00	99	607	0.00	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	0.00%#
12) 2-Bromothioanisole	0.00	204	0	0.00	ug/mL	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.71	94	121186	1.14	ug/mL# 44
3) DMMP	3.54	79	43939	0.34	ug/mL 98
4) DIMP	4.94	97	138276	0.55	ug/mL# 1
5) 1,4-Oxathiane	3.67	46	139086	1.06	ug/mL# 63
7) 1,4-Dithiane	5.10	46	140335	1.21	ug/mL# 87
8) Thiodiglycol	5.91	61	712039	7.20	ug/mL 94
9) Benzothiazole	6.25	135	1335147	4.18	ug/mL 96
11) p-Chlorophenylmethyldisulfid	6.51	158	499141	2.55	ug/mL 92
13) p-Chlorophenylmethyldisulfox	7.94	159	288007	2.58	ug/mL 95
14) p-Chlorophenylmethyldisulfon	8.13	111	469484	2.40	ug/mL 98

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Quant Time: Jul 20 14:26 2012

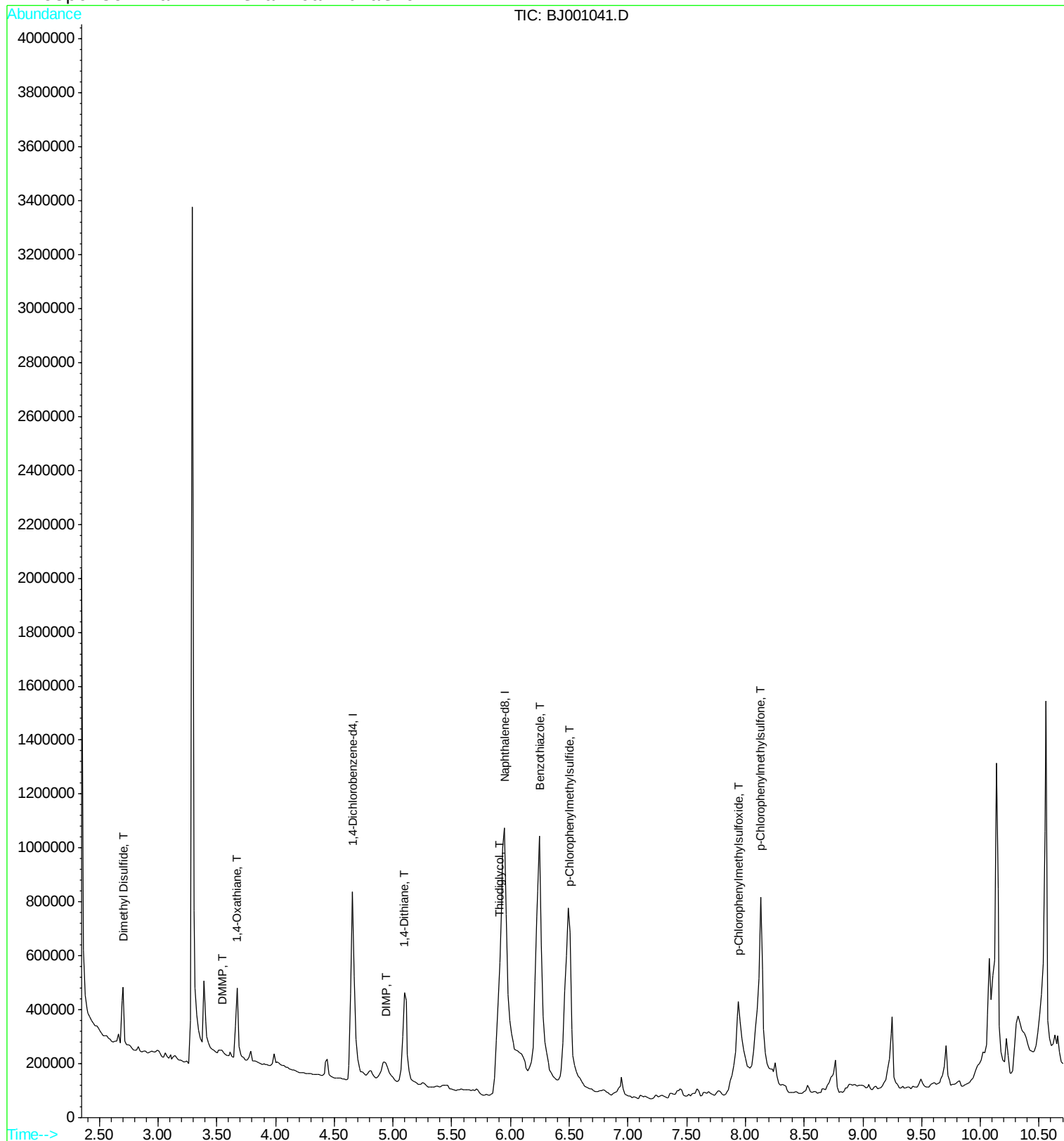
Quant Results File: BJ072012.RES

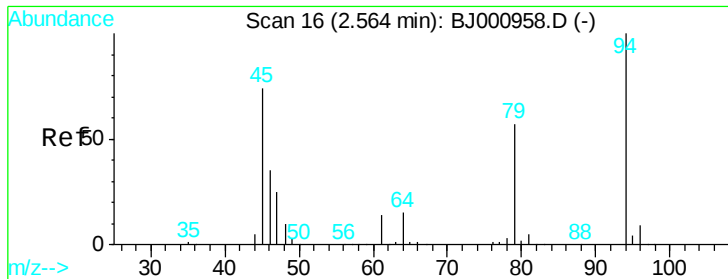
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jul 20 14:08:00 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.14 ug/mL

RT: 2.71 min Scan# 26

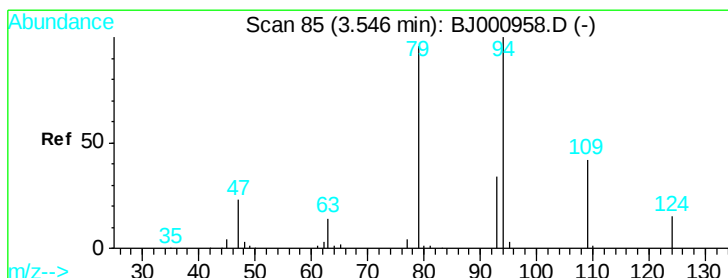
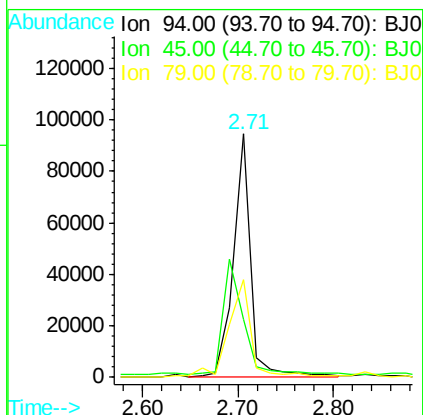
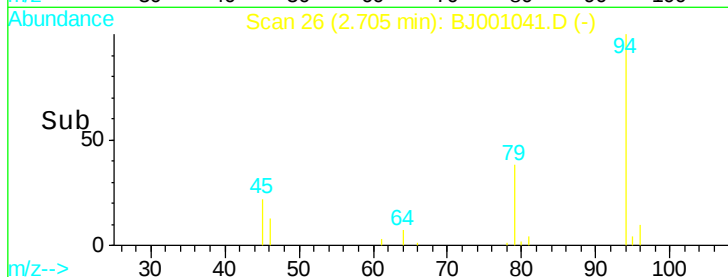
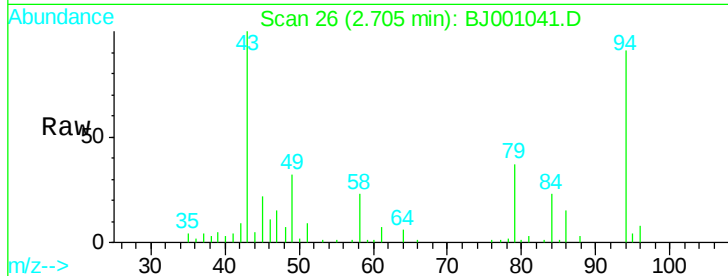
Delta R.T. 0.13 min

Lab File: BJ001041.D

Acq: 20 Jul 2012 13:35

Tgt Ion: 94 Resp: 121186

Ion	Ratio	Lower	Upper
94	100		
45	24.0	75.2	115.2#
79	40.2	43.1	83.1#



#3

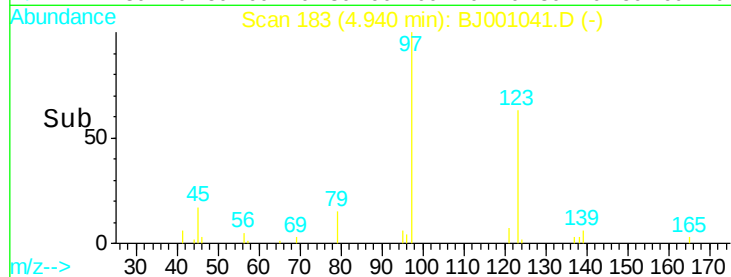
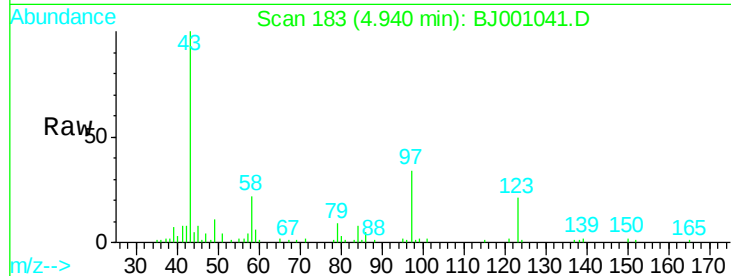
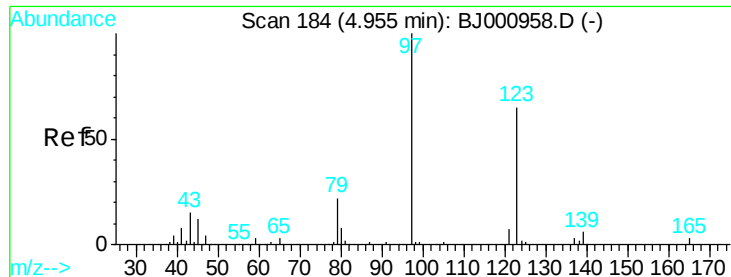
DMMP

Concen: 0.34 ug/mL

RT: 3.54 min Scan# 85

Delta R.T. -0.00 min

Lab File: BJ001041.D



#4

DIMP

Concen: 0.55 ug/mL

RT: 4.94 min Scan# 183

Delta R.T. -0.00 min

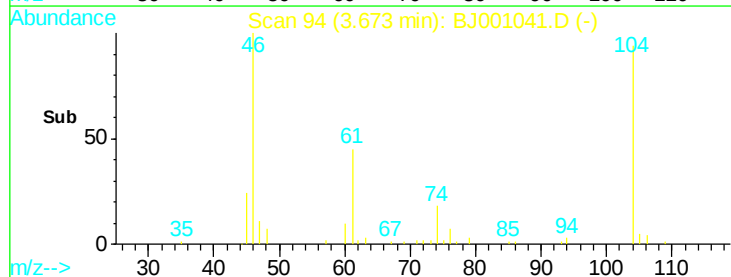
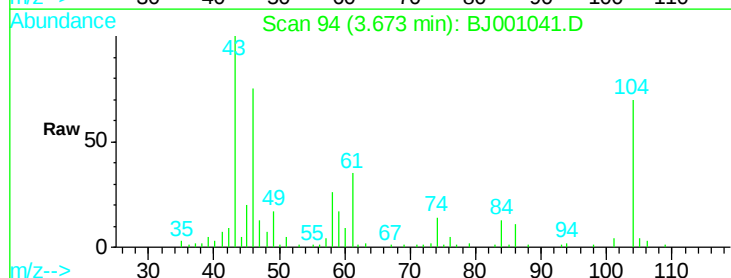
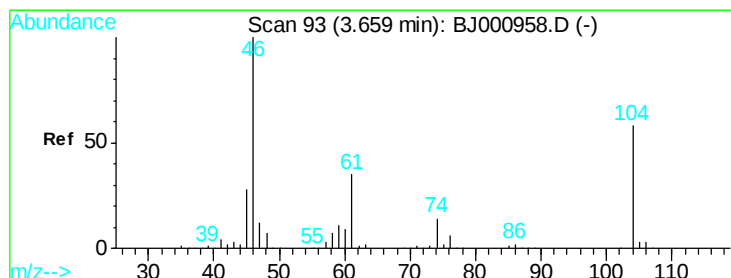
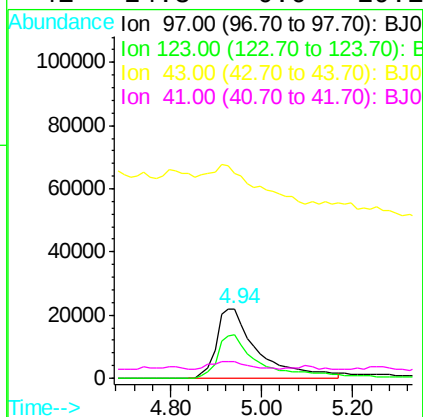
Lab File: BJ001041.D

Acq: 20 Jul 2012 13:35

Tgt Ion: 97 Resp: 138276

Ion Ratio Lower Upper

97	100		
123	63.4	43.8	83.8
43	296.1	0.0	38.6#
41	24.3	0.0	29.1



#5

1,4-Oxathiane

Concen: 1.06 ug/mL

RT: 3.67 min Scan# 94

Delta R.T. 0.03 min

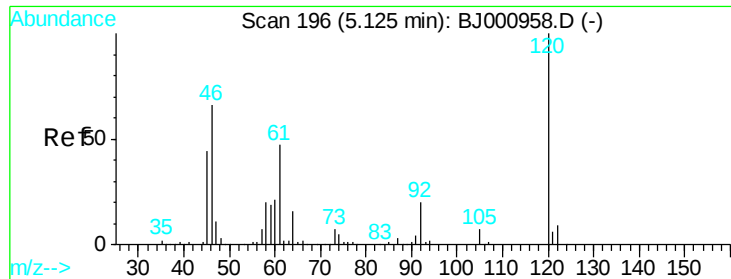
Lab File: BJ001041.D

Acq: 20 Jul 2012 13:35

Tgt Ion: 46 Resp: 139086

Ion Ratio Lower Upper

46	100		
61			



#7

1,4-Dithiane

Concen: 1.21 ug/mL

RT: 5.10 min Scan# 194

Delta R.T. -0.02 min

Lab File: BJ001041.D

Acq: 20 Jul 2012 13:35

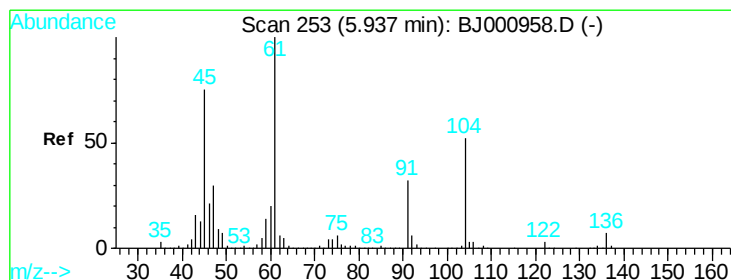
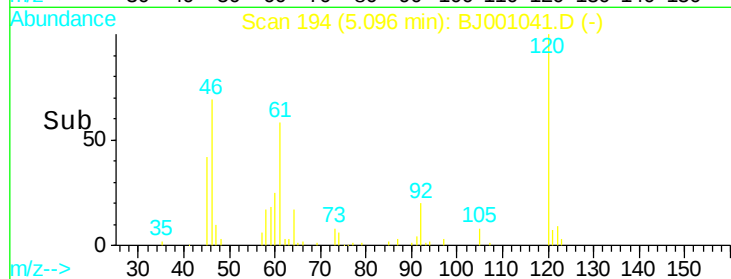
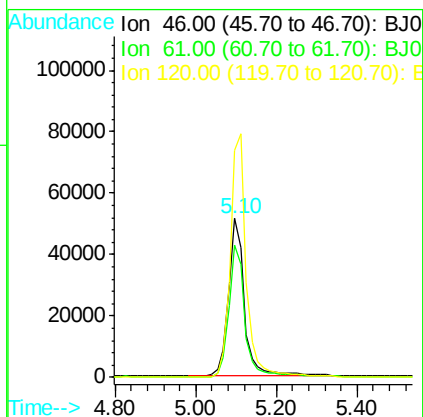
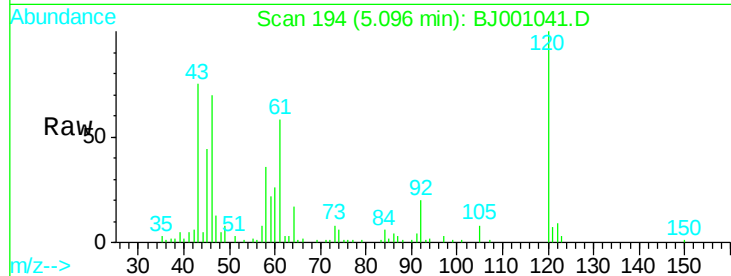
Tgt Ion: 46 Resp: 140335

Ion Ratio Lower Upper

46 100

61 83.1 63.7 103.7

120 142.5 148.0 188.0#



#8

Thiodiglycol

Concen: 7.20 ug/mL

RT: 5.91 min Scan# 251

Delta R.T. -0.01 min

Lab File: BJ001041.D

Acq: 20 Jul 2012 13:35

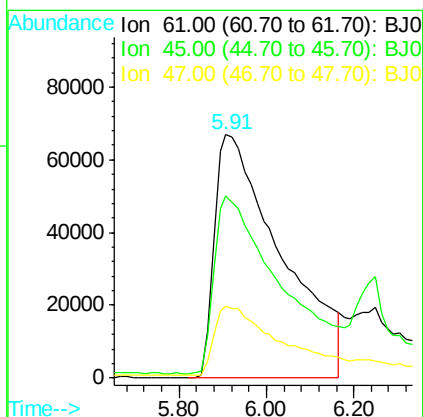
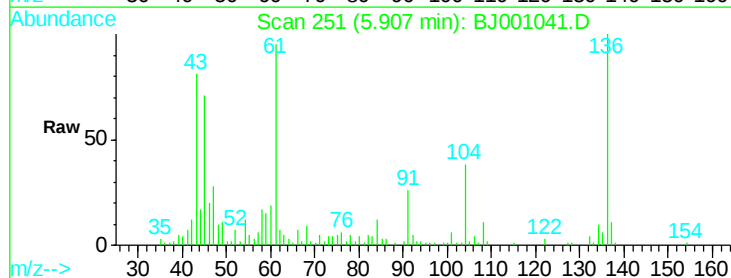
Tgt Ion: 61 Resp: 712039

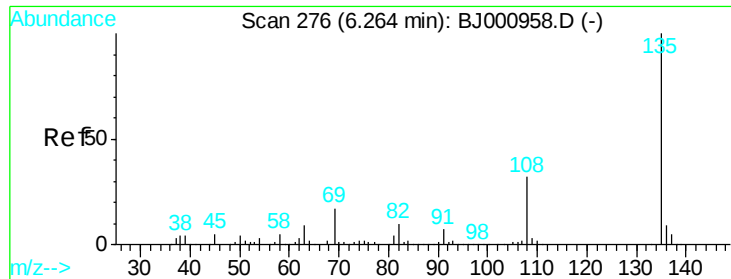
Ion Ratio Lower Upper

61 100

45 74.8 49.0 89.0

47 29.4 7.6 47.6





#9

Benzothiazole

Concen: 4.18 ug/mL

RT: 6.25 min Scan# 275

Delta R.T. -0.00 min

Lab File: BJ001041.D

Acq: 20 Jul 2012 13:35

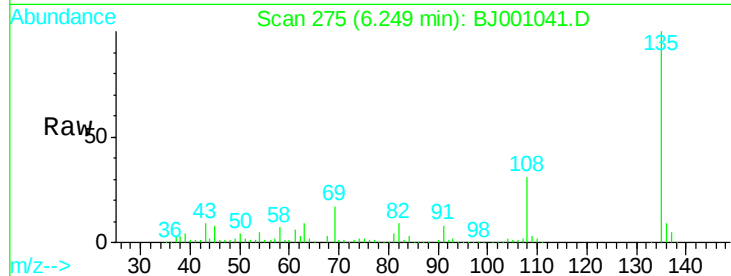
Tgt Ion:135 Resp: 1335147

Ion Ratio Lower Upper

135 100

108 31.5 9.9 49.9

69 17.1 0.0 35.1

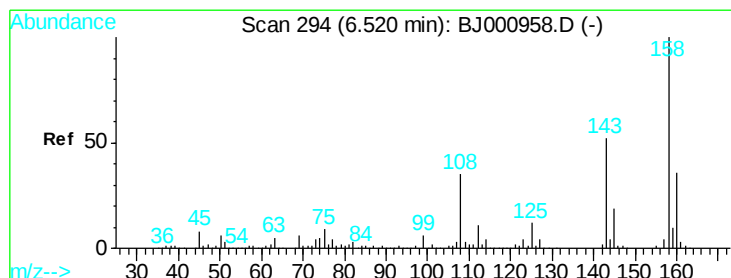
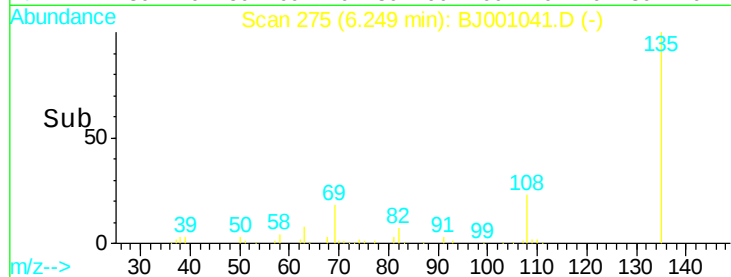
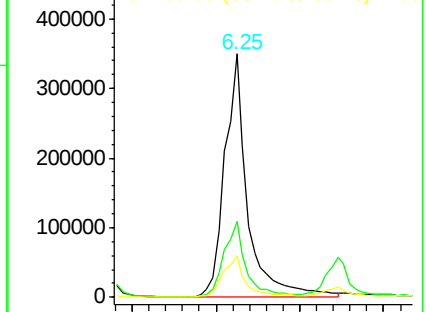


Abundance

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: 2.55 ug/mL

RT: 6.51 min Scan# 293

Delta R.T. 0.01 min

Lab File: BJ001041.D

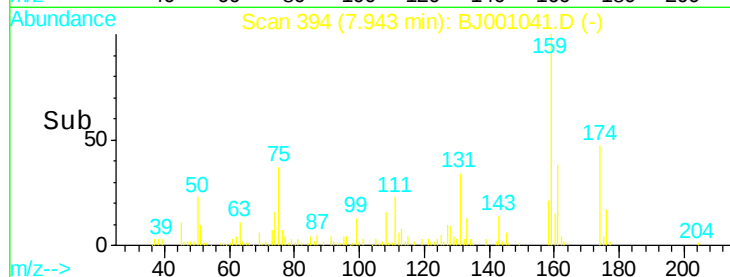
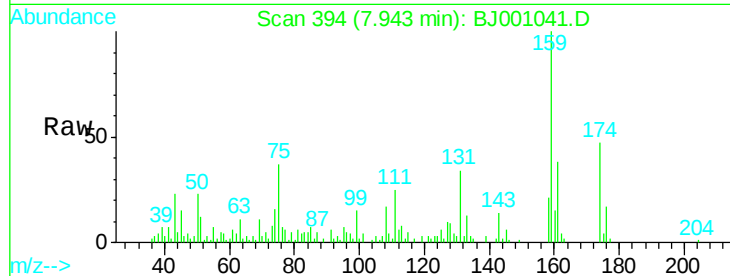
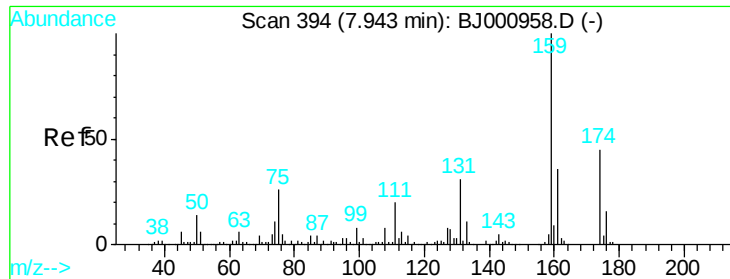
Acq: 20 Jul 2012 13:35

Tgt Ion:158 Resp: 499141

Ion Ratio Lower Upper

158 100

143 5



#13
p-Chlorophenylmethylsulfoxide
Concen: 2.58 ug/mL
RT: 7.94 min Scan# 394
Delta R.T. 0.01 min
Lab File: BJ001041.D
Acq: 20 Jul 2012 13:35

Tgt Ion:	159	Resp:	288007
Ion Ratio	Lower	Upper	
159	100		
174	45.7	27.6	67.6
108	17.0	0.0	31.8
50	24.5	2.7	42.7

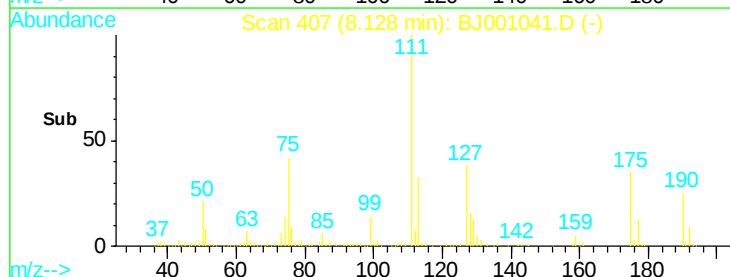
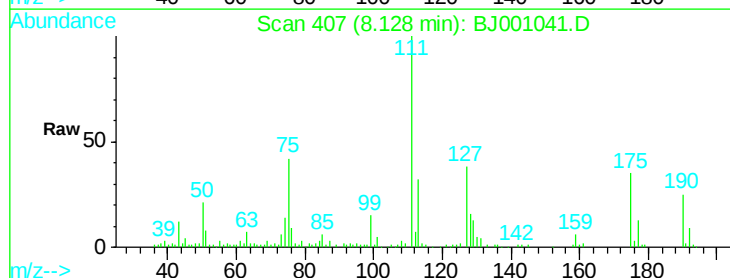
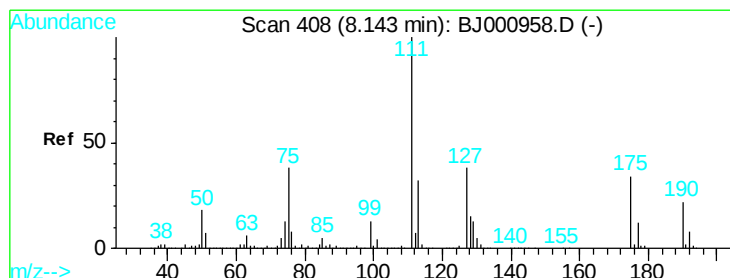
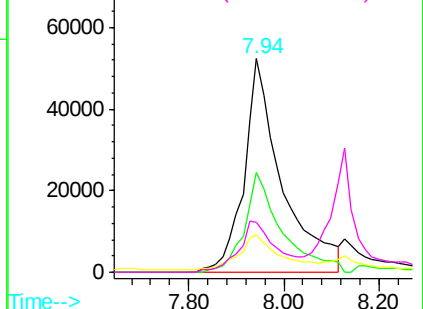
Abundance

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: 2.40 ug/mL
RT: 8.13 min Scan# 407
Delta R.T. -0.00 min
Lab File: BJ001041.D
Acq: 20 Jul 2012 13:35

Tgt Ion:	111	Resp:	469484
Ion Ratio	Lower	Upper	
111	100		
75	41.7	22.6	62.6
127	37.9	17.2	57.2
190	24.6	2.0	42.0

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

