

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000964.D
 Acq On : 27 Jun 2012 15:44
 Sample : D3152-03
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:47 2012

Vial: 8
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Jun 28 10:45:59 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	185741	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	780167	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	170625	0.56	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	7.27	204	209700	3.94	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.54	79	6574	0.13	ug/mL#	8
4) DIMP	4.99	97	85923	0.54	ug/mL#	25
5) 1,4-Oxathiane	3.65	46	21120	0.34	ug/mL	87
7) 1,4-Dithiane	5.12	46	8754	0.16	ug/mL#	1
8) Thiodiglycol	5.87	61	6057	1.57	ug/mL#	1
9) Benzothiazole	6.27	135	6462	0.03	ug/mL#	1
11) p-Chlorophenylmethylsulfid	6.51	158	3697	0.03	ug/mL#	1
13) p-Chlorophenylmethylsulfox	7.90	159	4814	0.11	ug/mL#	7
14) p-Chlorophenylmethylsulfon	8.25	111	7774	0.07	ug/mL	87

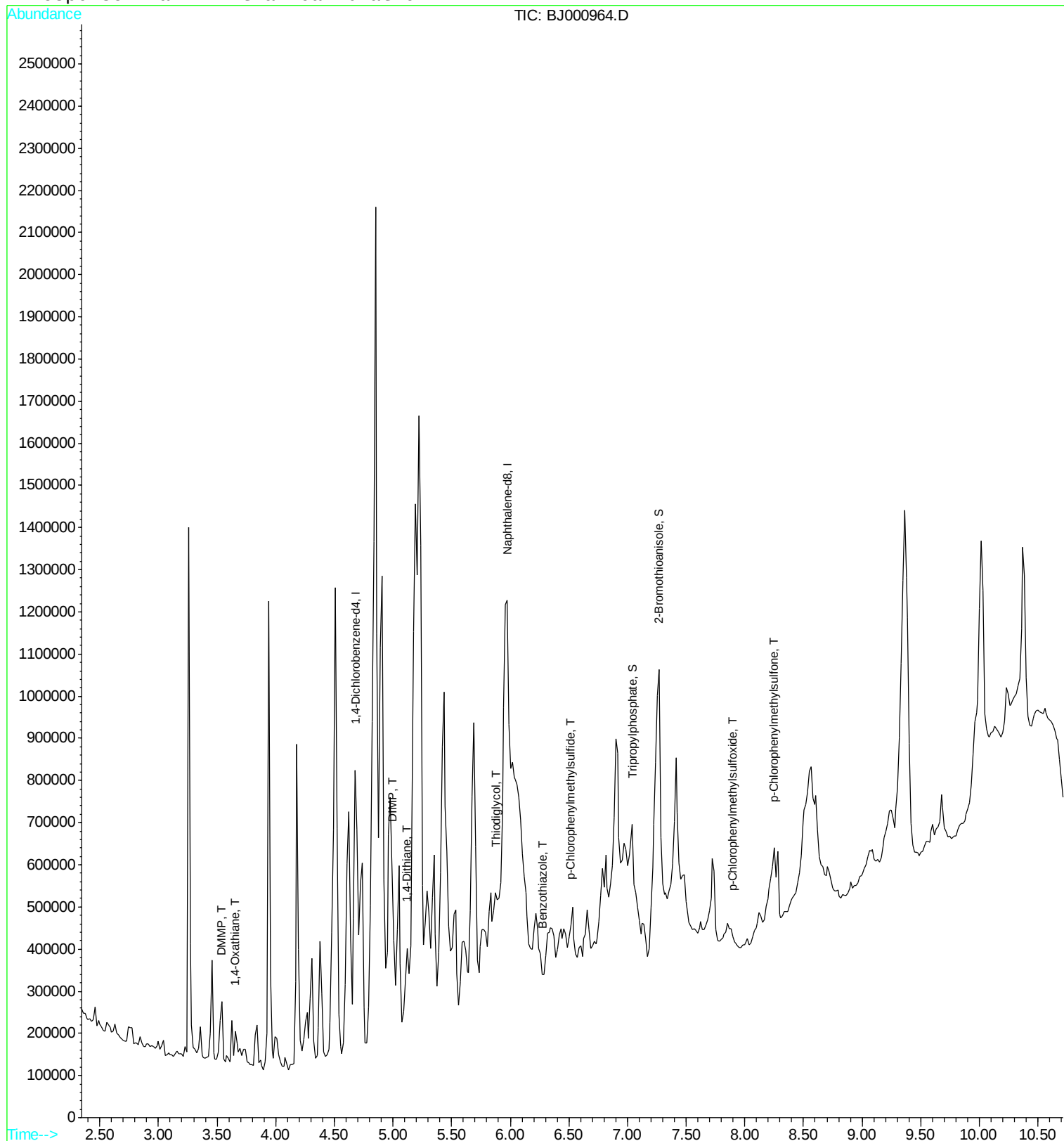
Quantitation Report

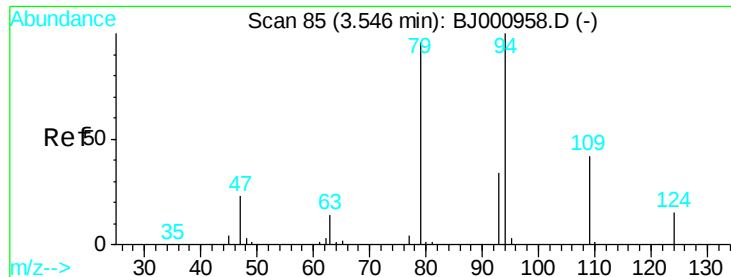
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#3

DMMP

Concen: 0.13 ug/mL

RT: 3.54 min Scan# 85

Delta R.T. -0.01 min

Lab File: BJ000964.D

Acq: 27 Jun 2012 15:44

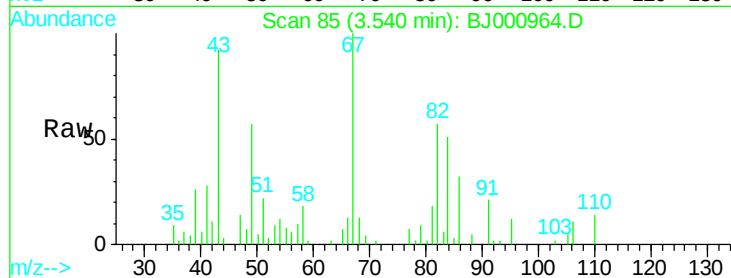
Tgt Ion: 79 Resp: 6574

Ion Ratio Lower Upper

79 100

94 0.0 84.5 124.5#

109 0.0 23.4 63.4#

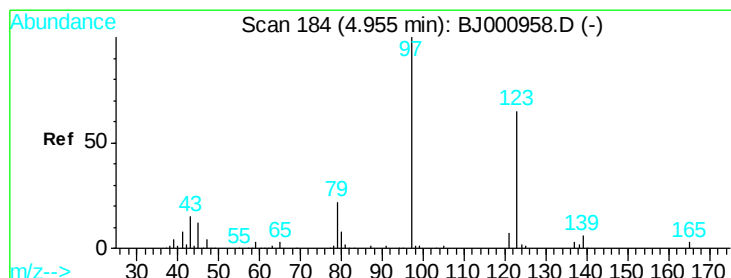
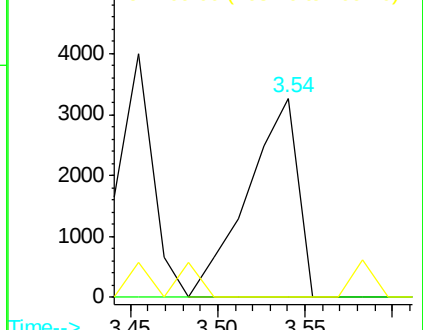
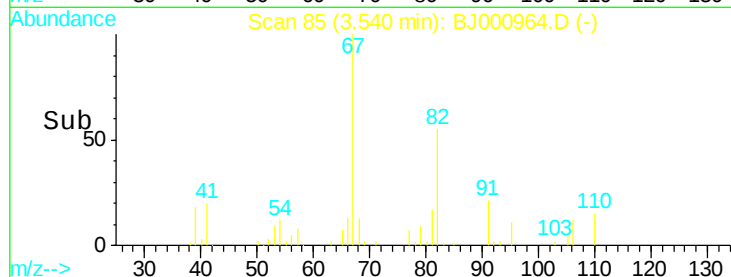


Abundance

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: 0.54 ug/mL

RT: 4.99 min Scan# 187

Delta R.T. 0.04 min

Lab File: BJ000964.D

Acq: 27 Jun 2012 15:44

Tgt Ion: 97 Resp: 85923

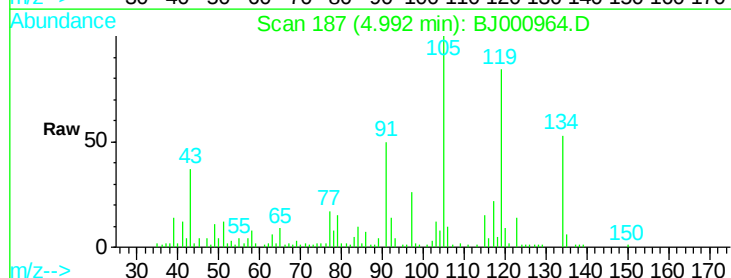
Ion Ratio Lower Upper

97 100

123 54.0 45.3 85.3

43 146.6 0.0 35.5#

41 48.5 0.0 27.9#



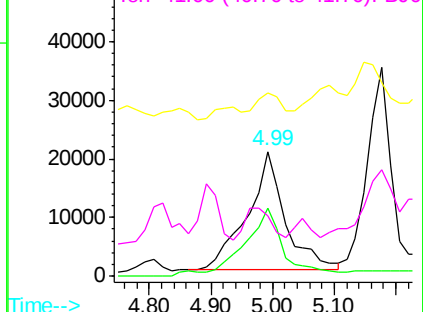
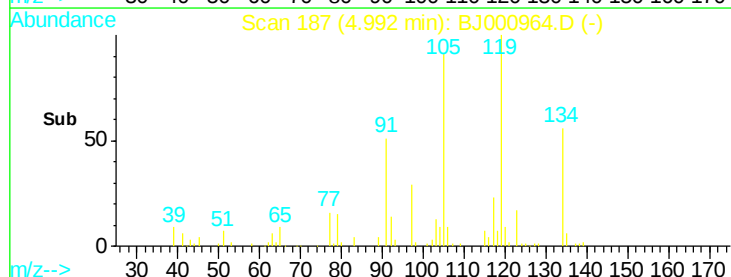
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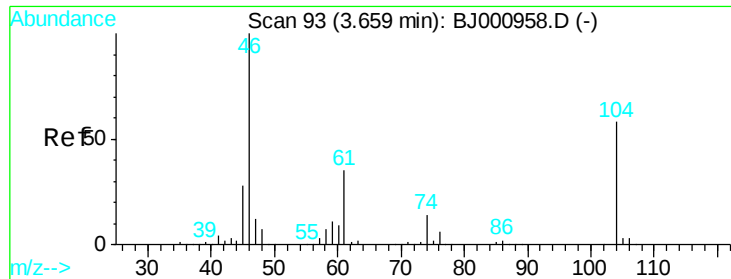
Ion 97.00 (96.70 to 97.70): BJ0

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: 0.34 ug/mL

RT: 3.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BJ000964.D

Acq: 27 Jun 2012 15:44

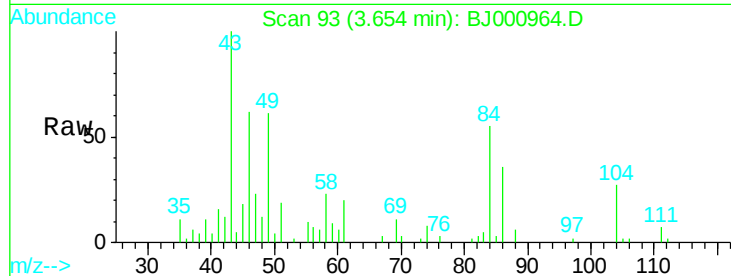
Tgt Ion: 46 Resp: 21120

Ion Ratio Lower Upper

46 100

61 33.1 15.3 55.3

104 44.2 38.4 78.4

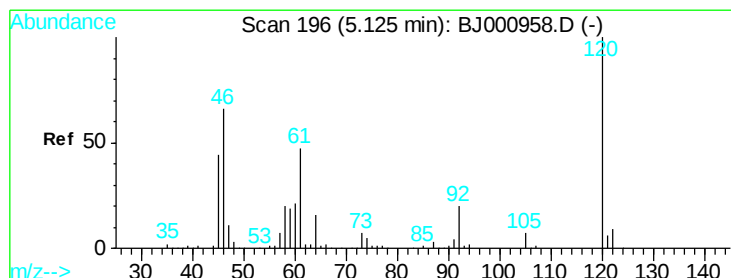
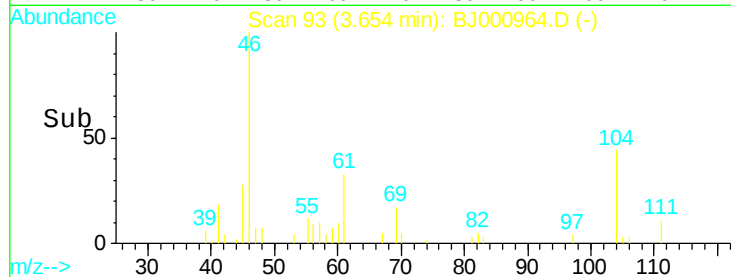
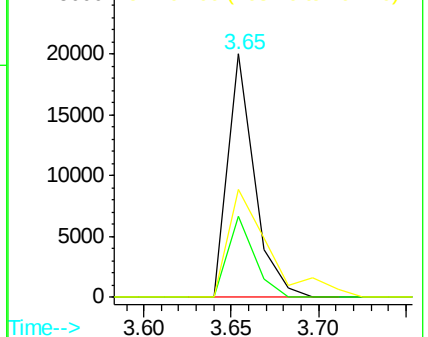


Abundance

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: 0.16 ug/mL

RT: 5.12 min Scan# 196

Delta R.T. -0.01 min

Lab File: BJ000964.D

Acq: 27 Jun 2012 15:44

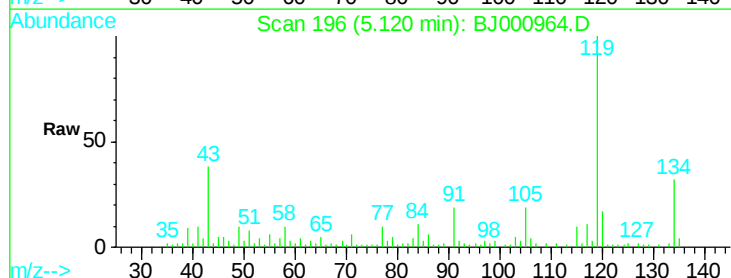
Tgt Ion: 46 Resp: 8754

Ion Ratio Lower Upper

46 100

61 82.4 50.6 90.6

120 359.4 131.1 171.1#

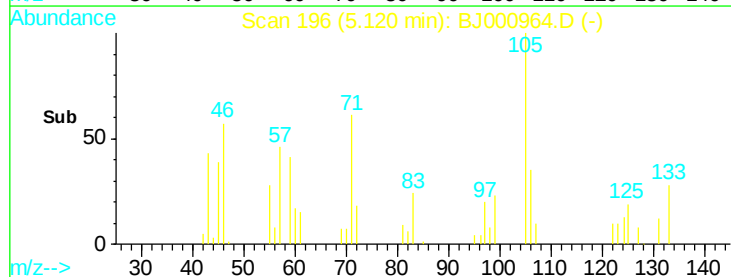
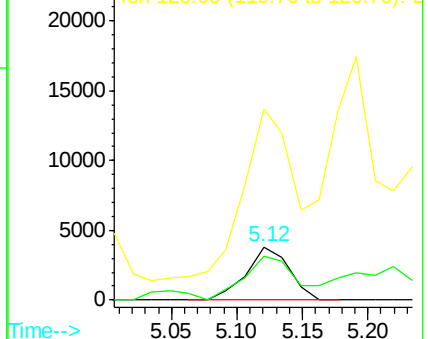


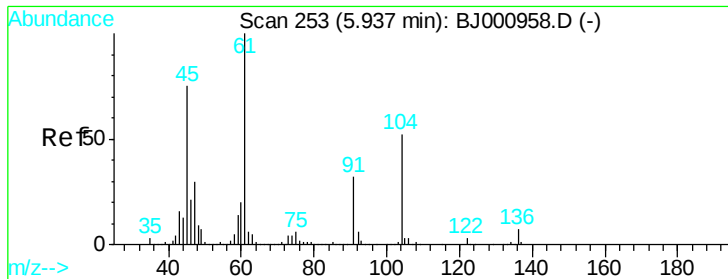
Abundance

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: 1.57 ug/mL

RT: 5.87 min Scan# 249

Delta R.T. -0.06 min

Lab File: BJ000964.D

Acq: 27 Jun 2012 15:44

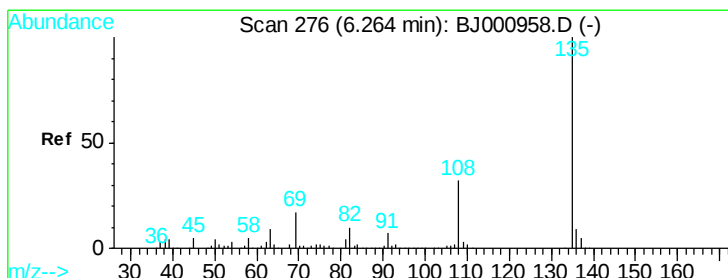
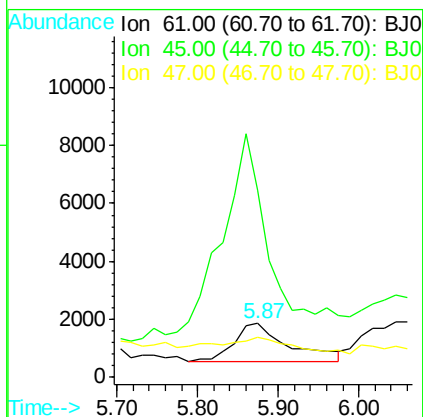
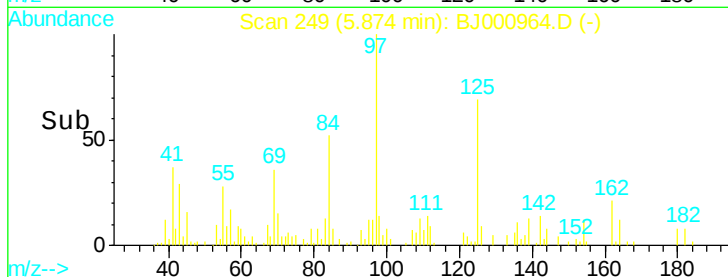
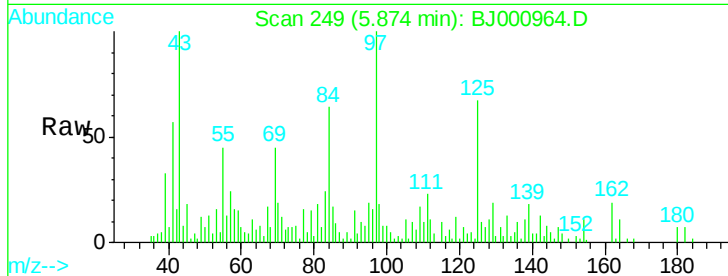
Tgt Ion: 61 Resp: 6057

Ion Ratio Lower Upper

61 100

45 348.4 55.5 95.5#

47 75.3 10.4 50.4#



#9

Benzothiazole

Concen: 0.03 ug/mL

RT: 6.27 min Scan# 277

Delta R.T. 0.01 min

Lab File: BJ000964.D

Acq: 27 Jun 2012 15:44

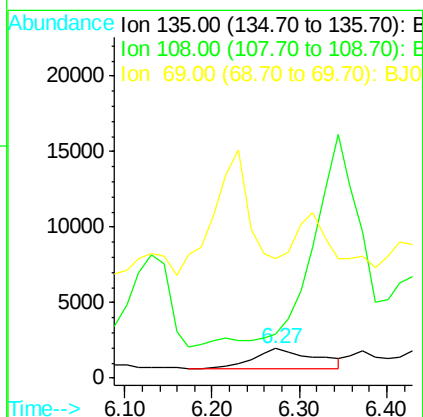
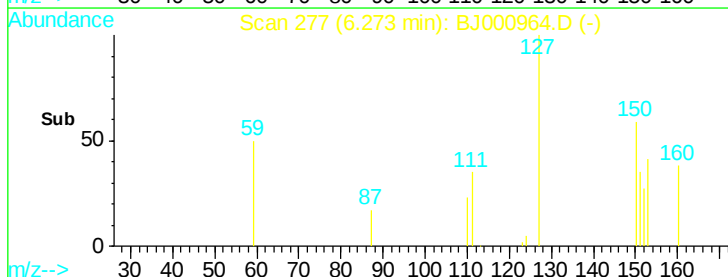
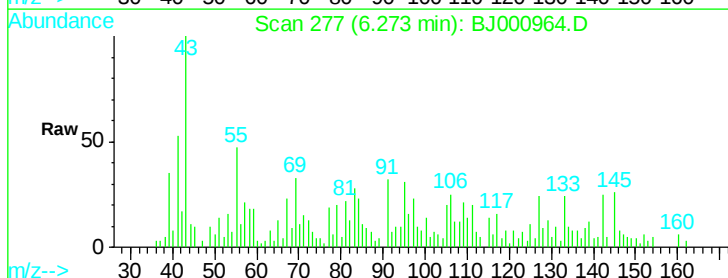
Tgt Ion:135 Resp: 6462

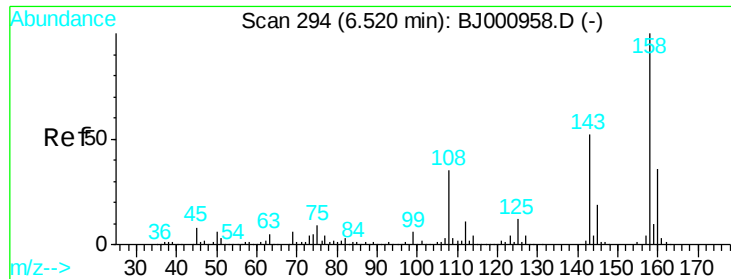
Ion Ratio Lower Upper

135 100

108 148.8 12.4 52.4#

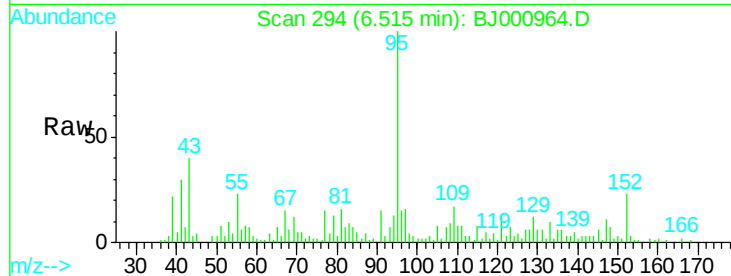
69 405.4 0.0 36.7#





#11
p-Chlorophenylmethylsulfide
Concen: 0.03 ug/mL
RT: 6.51 min Scan# 294
Delta R.T. -0.01 min
Lab File: BJ000964.D
Acq: 27 Jun 2012 15:44

Tgt Ion:	158	Resp:	3697
Ion	Ratio	Lower	Upper
158	100		
143	153.8	31.9	71.9#
108	414.3	15.8	55.8#
45	180.9	0.0	29.2#



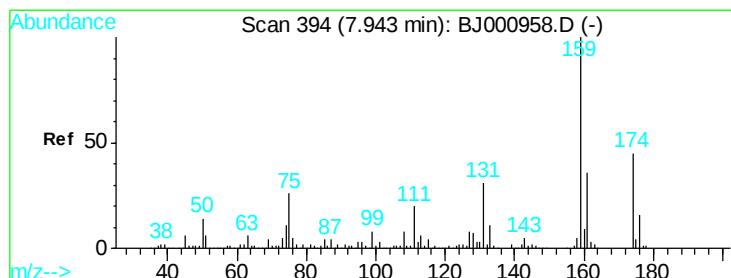
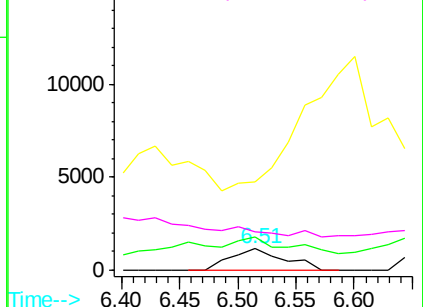
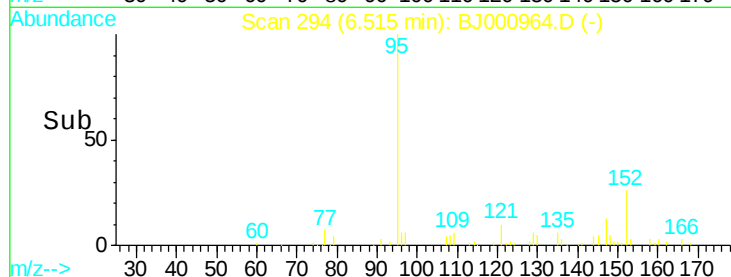
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

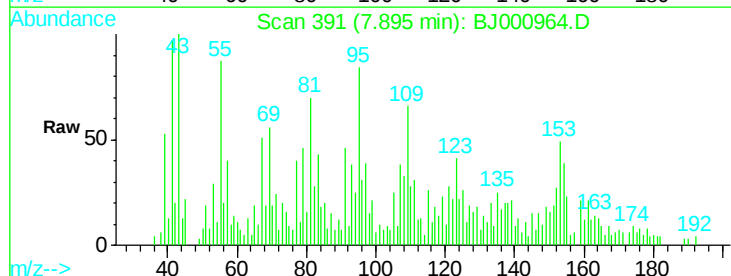
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 0.11 ug/mL
RT: 7.90 min Scan# 391
Delta R.T. -0.05 min
Lab File: BJ000964.D
Acq: 27 Jun 2012 15:44

Tgt Ion:	159	Resp:	4814
Ion	Ratio	Lower	Upper
159	100		
174	45.6	26.0	66.0
108	221.6	0.0	28.6#
50	55.4	0.0	37.3#



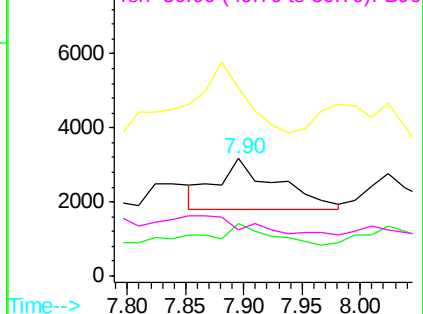
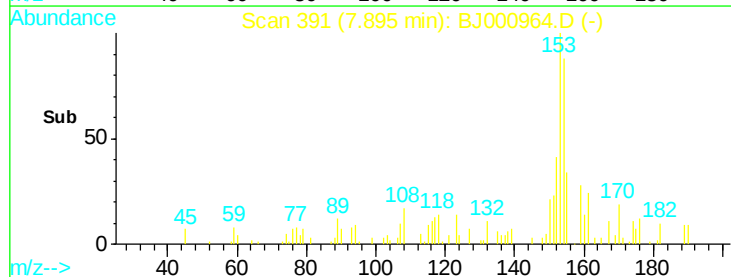
Abundance

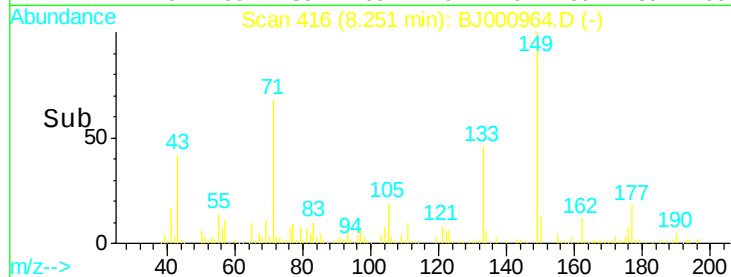
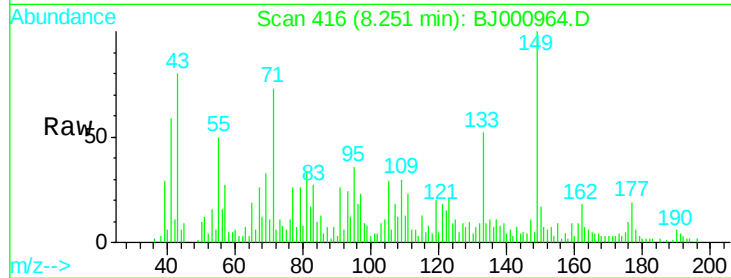
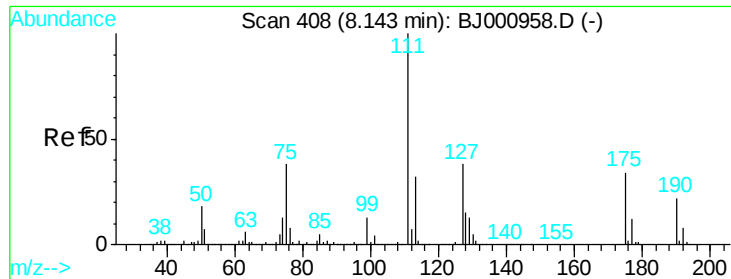
Ion 159.00 (158.70 to 159.70): E

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: 0.07 ug/mL
 RT: 8.25 min Scan# 416
 Delta R.T. 0.11 min
 Lab File: BJ000964.D
 Acq: 27 Jun 2012 15:44

Tgt Ion:	111	Resp:	7774
Ion Ratio	Lower	Upper	
111	100		
75	24.3	19.3	59.3
127	36.9	18.4	58.4
190	27.3	1.5	41.5

