

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000980.D
 Acq On : 27 Jun 2012 20:34
 Sample : PB63957BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:48 2012

Vial: 24
 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	186069	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	769963	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.03	99	152167	0.51	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
12) 2-Bromothioanisole	7.27	204	231970	4.41	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.58	79	139825	2.02	ug/mL	92
4) DIMP	4.98	97	698016	4.39	ug/mL	91
5) 1,4-Oxathiane	3.70	46	320887	5.16	ug/mL	94
7) 1,4-Dithiane	5.12	46	245166	4.47	ug/mL#	83
8) Thiodiglycol	5.92	61	1856577	39.69	ug/mL	98
9) Benzothiazole	6.26	135	1970007	9.31	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.51	158	1151300	8.67	ug/mL	96
13) p-Chlorophenylmethyldisulfoxide	7.95	159	875996	10.97	ug/mL	98
14) p-Chlorophenylmethyldisulfonate	8.15	111	929080	8.29	ug/mL	90

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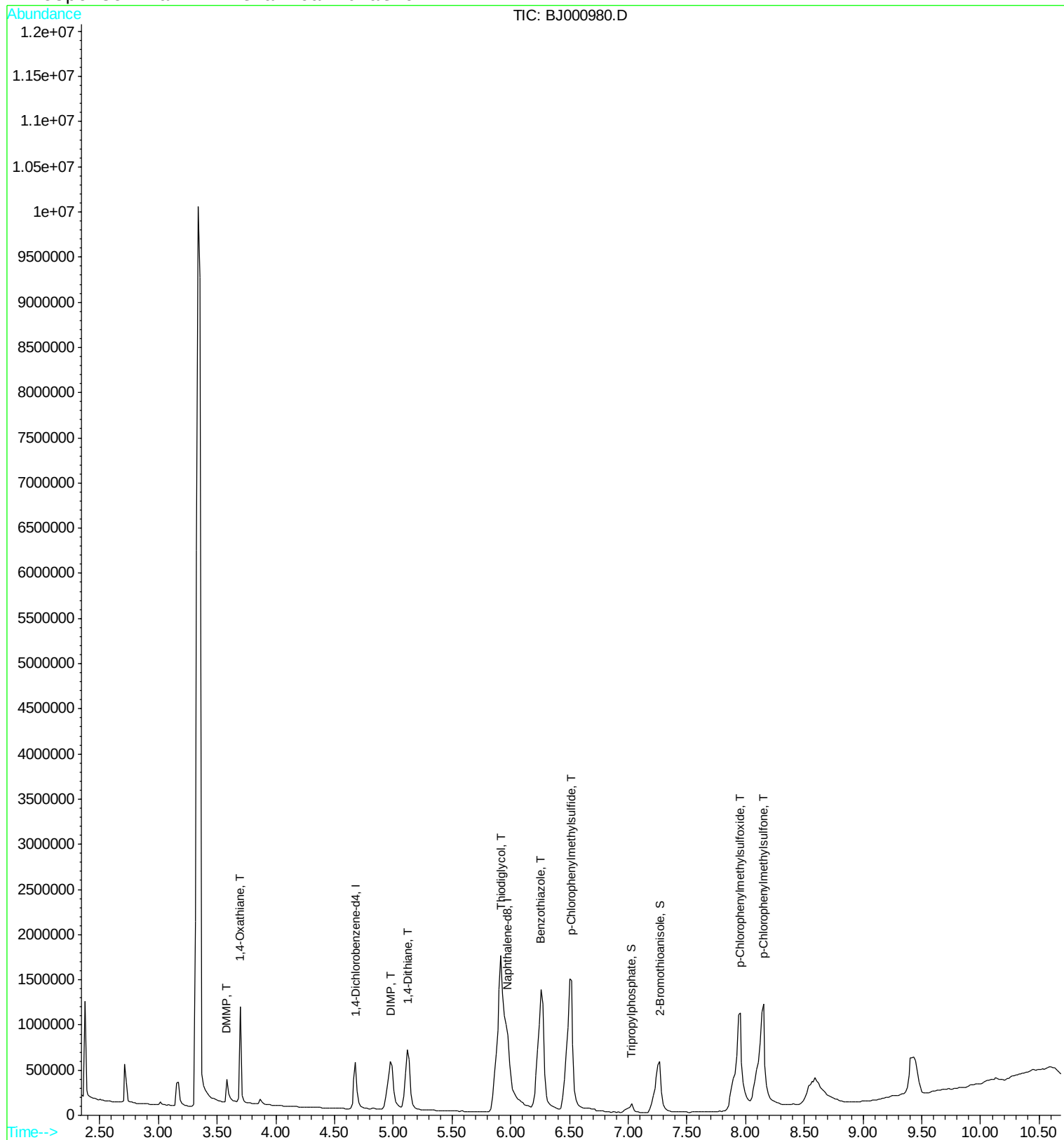
Quant Results File: BJ060812.RES

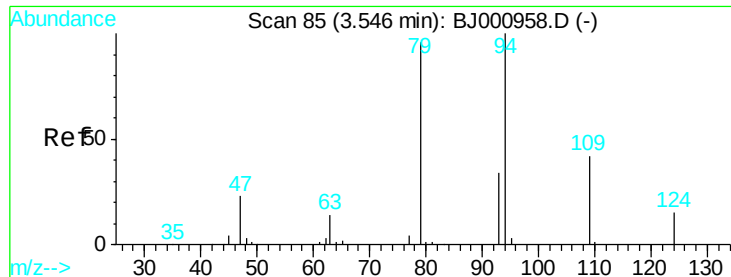
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

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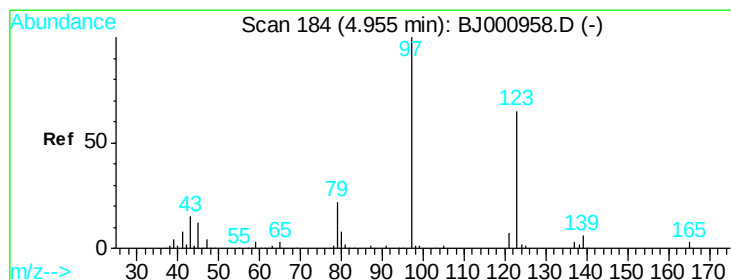
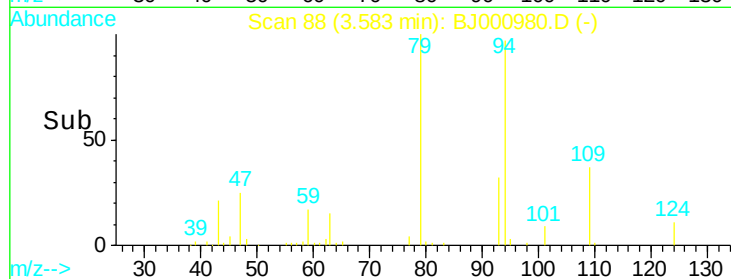
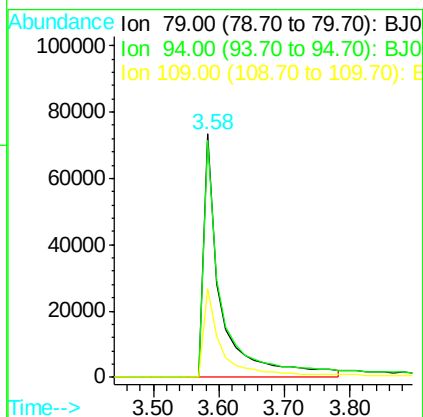
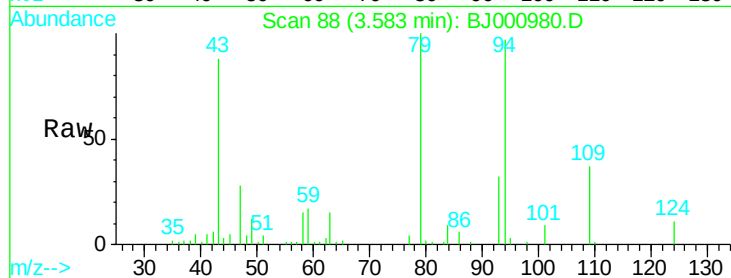
Response via : Initial Calibration





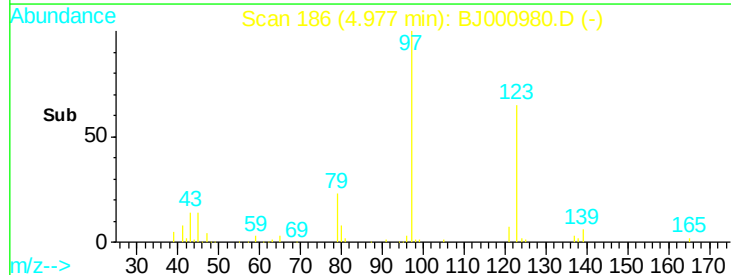
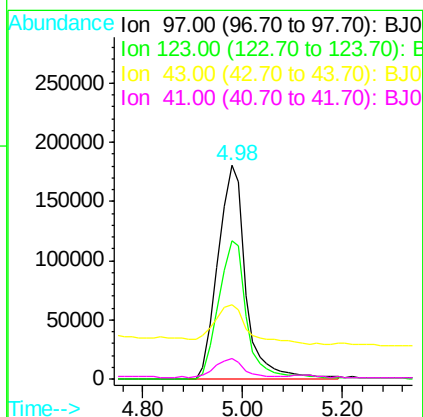
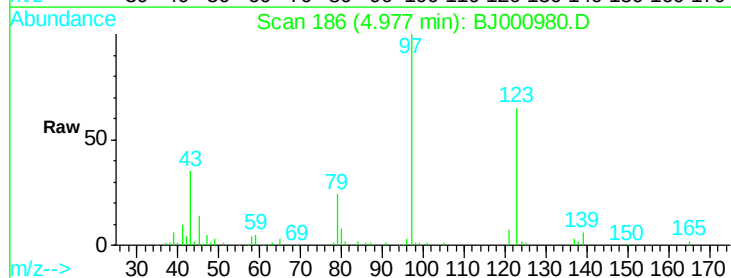
#3
DMMP
Concen: 2.02 ug/mL
RT: 3.58 min Scan# 88
Delta R.T. 0.04 min
Lab File: BJ000980.D
Acq: 27 Jun 2012 20:34

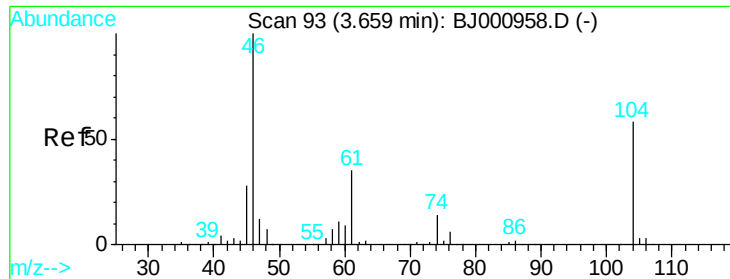
Tgt Ion: 79 Resp: 139825
Ion Ratio Lower Upper
79 100
94 97.3 84.5 124.5
109 36.7 23.4 63.4



#4
DIMP
Concen: 4.39 ug/mL
RT: 4.98 min Scan# 186
Delta R.T. 0.02 min
Lab File: BJ000980.D
Acq: 27 Jun 2012 20:34

Tgt Ion: 97 Resp: 698016
Ion Ratio Lower Upper
97 100
123 64.7 45.3 85.3
43 35.0 0.0 35.5
41 9.5 0.0 27.9





#5

1,4-Oxathiane

Concen: 5.16 ug/mL

RT: 3.70 min Scan# 96

Delta R.T. 0.04 min

Lab File: BJ000980.D

Acq: 27 Jun 2012 20:34

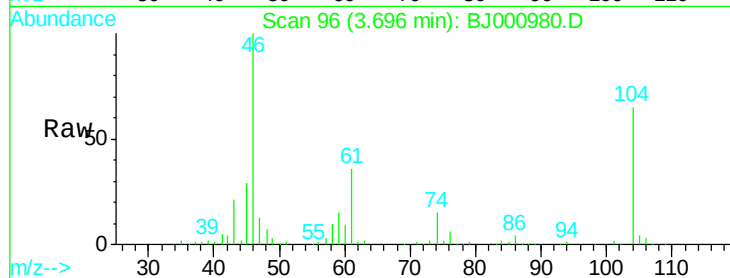
Tgt Ion: 46 Resp: 320887

Ion Ratio Lower Upper

46 100

61 36.0 15.3 55.3

104 65.5 38.4 78.4

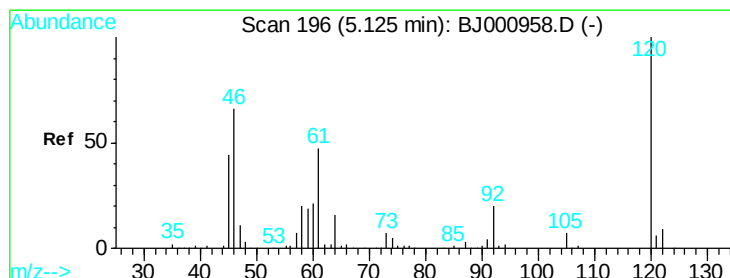
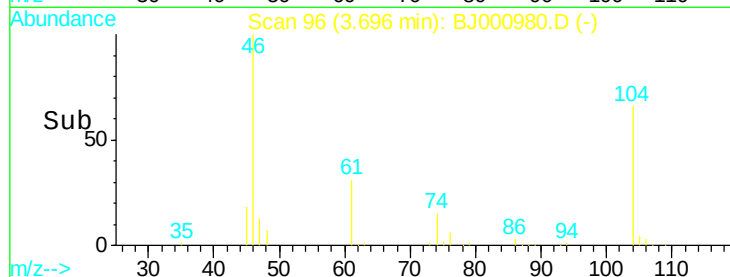
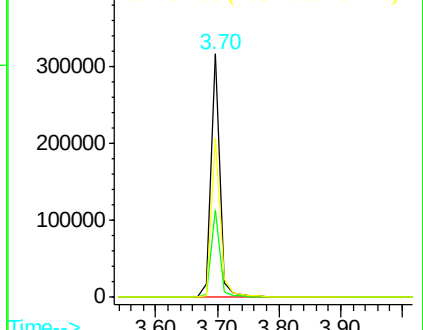


Abundance

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: 4.47 ug/mL

RT: 5.12 min Scan# 196

Delta R.T. -0.01 min

Lab File: BJ000980.D

Acq: 27 Jun 2012 20:34

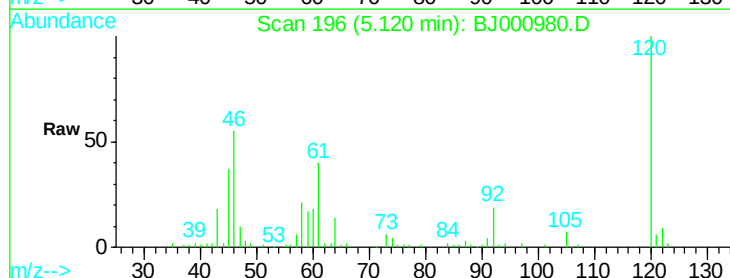
Tgt Ion: 46 Resp: 245166

Ion Ratio Lower Upper

46 100

61 73.0 50.6 90.6

120 181.3 131.1 171.1#

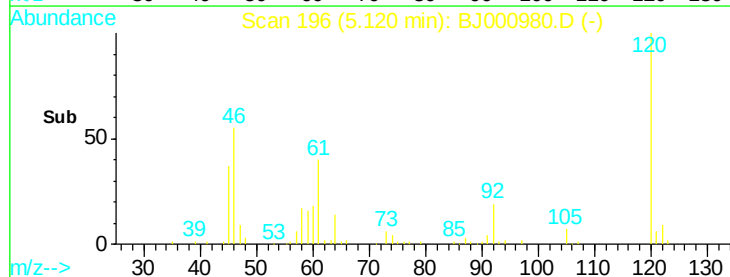
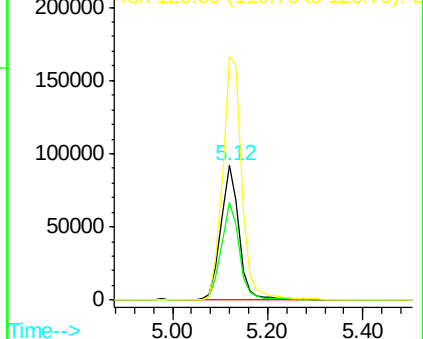


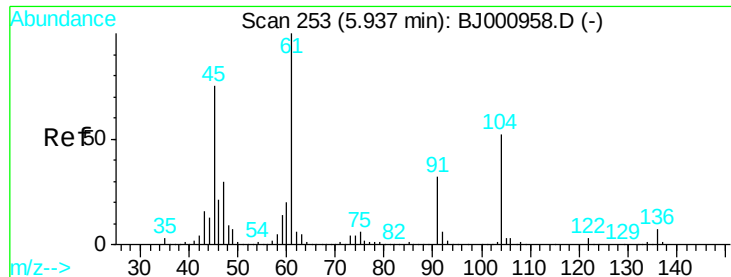
Abundance

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: 39.69 ug/mL

RT: 5.92 min Scan# 252

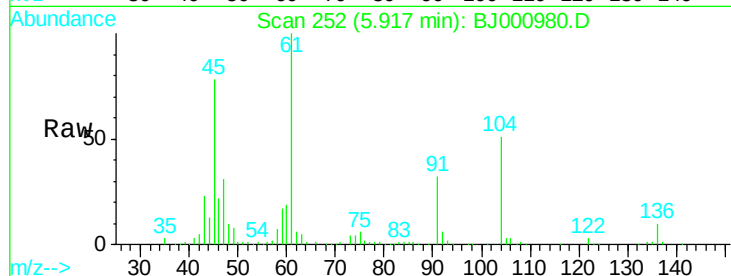
Delta R.T. -0.02 min

Lab File: BJ000980.D

Acq: 27 Jun 2012 20:34

Tgt Ion: 61 Resp: 1856577

Ion	Ratio	Lower	Upper
61	100		
45	77.8	55.5	95.5
47	31.3	10.4	50.4

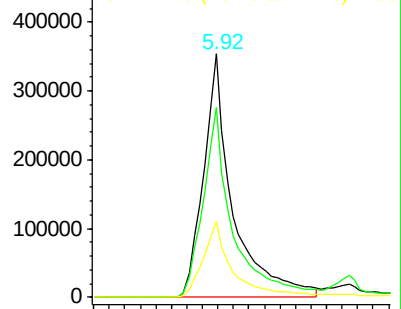


Abundance

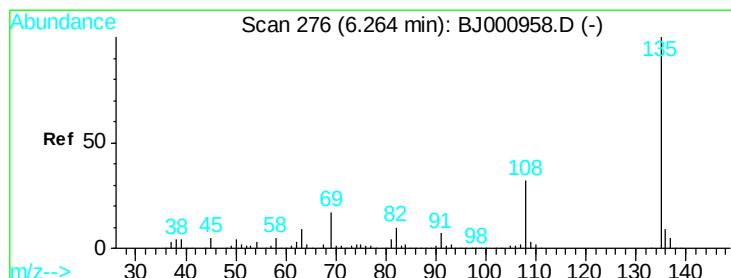
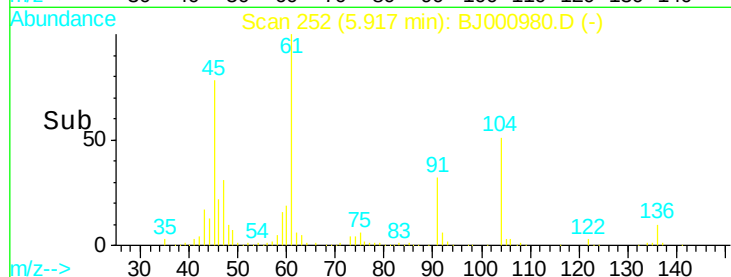
Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0



Time-->



#9

Benzothiazole

Concen: 9.31 ug/mL

RT: 6.26 min Scan# 276

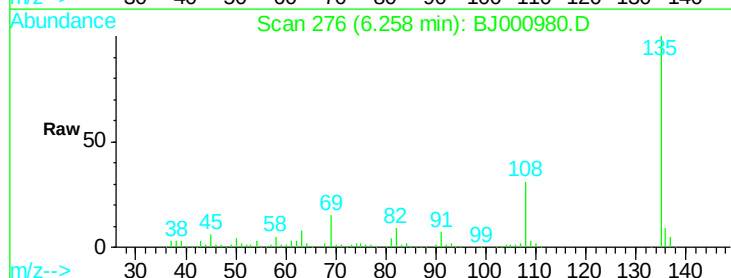
Delta R.T. -0.01 min

Lab File: BJ000980.D

Acq: 27 Jun 2012 20:34

Tgt Ion: 135 Resp: 1970007

Ion	Ratio	Lower	Upper
135	100		
108	30.9	12.4	52.4
69	14.7	0.0	36.7

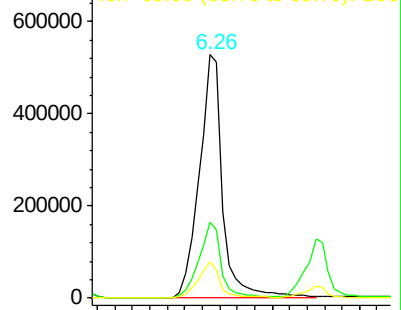


Abundance

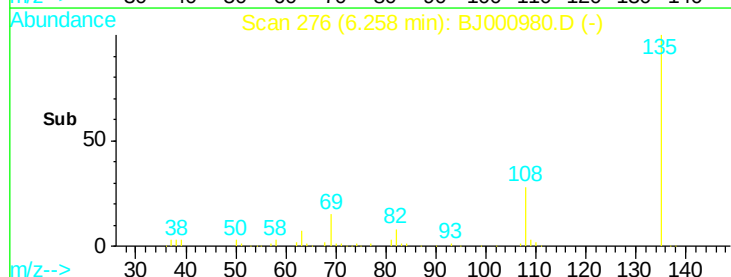
Ion 135.00 (134.70 to 135.70): E

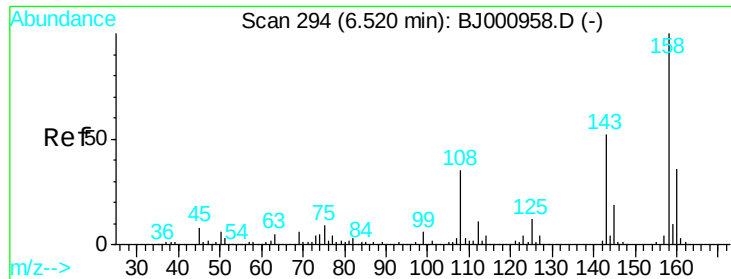
Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0



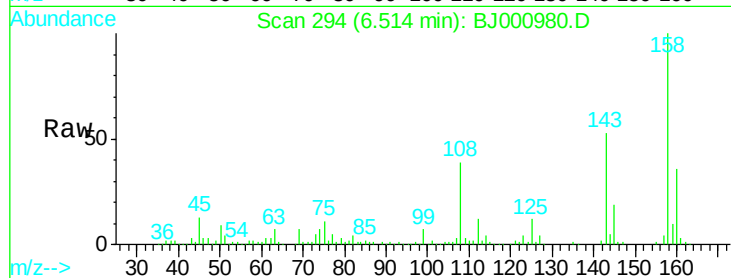
Time-->





#11
 p-Chlorophenylmethylsulfide
 Concen: 8.67 ug/mL
 RT: 6.51 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: BJ000980.D
 Acq: 27 Jun 2012 20:34

Tgt Ion:	158	Resp:	1151300
Ion	Ratio	Lower	Upper
158	100		
143	52.9	31.9	71.9
108	38.6	15.8	55.8
45	13.5	0.0	29.2



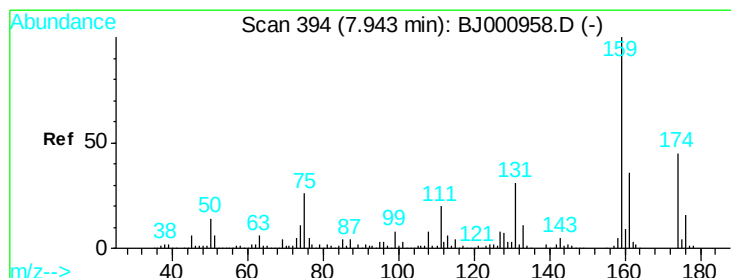
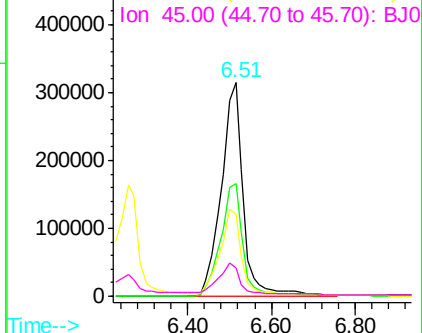
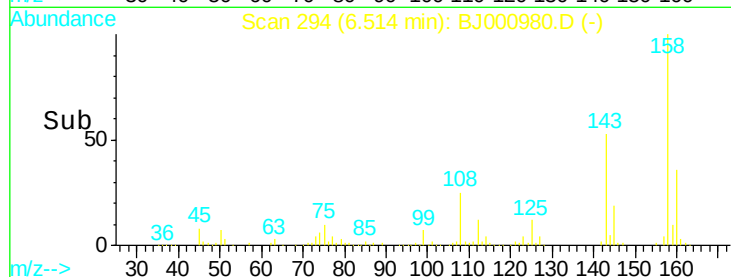
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

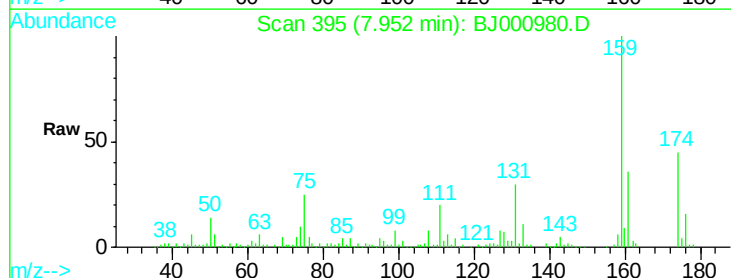
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
 p-Chlorophenylmethylsulfoxide
 Concen: 10.97 ug/mL
 RT: 7.95 min Scan# 395
 Delta R.T. 0.01 min
 Lab File: BJ000980.D
 Acq: 27 Jun 2012 20:34

Tgt Ion:	159	Resp:	875996
Ion	Ratio	Lower	Upper
159	100		
174	44.3	26.0	66.0
108	8.8	0.0	28.6
50	17.0	0.0	37.3



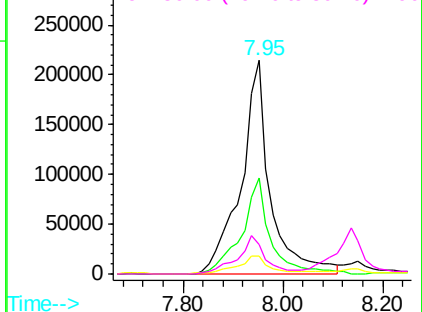
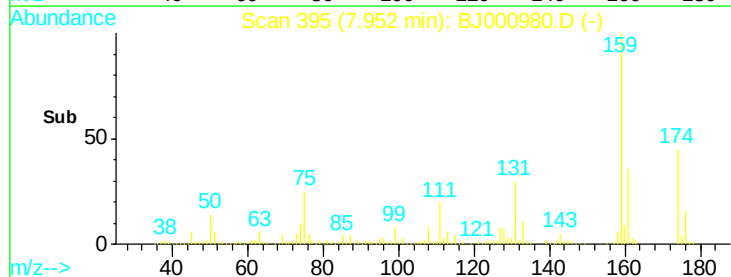
Abundance

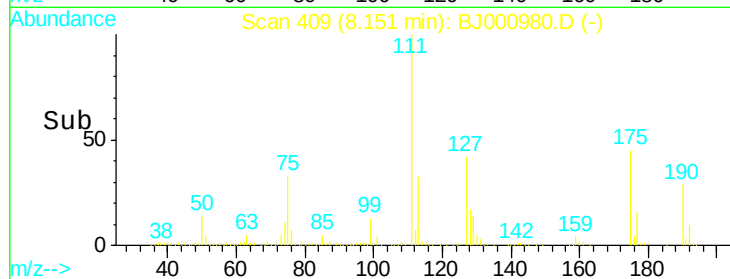
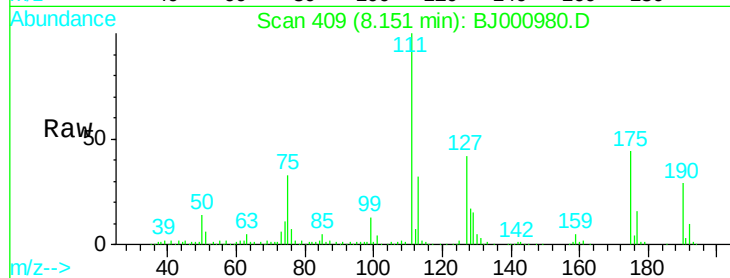
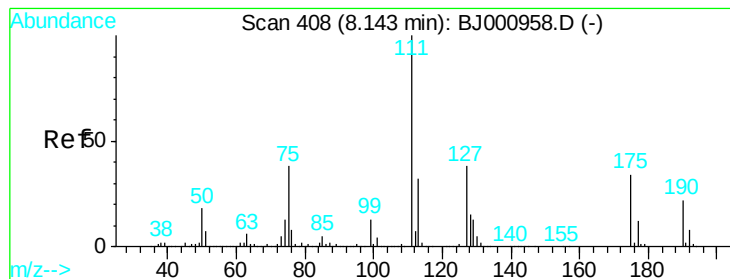
Ion 159.00 (158.70 to 159.70): E

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: 8.29 ug/mL

RT: 8.15 min Scan# 409

Delta R.T. 0.01 min

Lab File: BJ000980.D

Acq: 27 Jun 2012 20:34

Tgt Ion:111 Resp: 929080

Ion Ratio Lower Upper

111 100

75 33.4 19.3 59.3

127 42.0 18.4 58.4

190 29.2 1.5 41.5

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

