

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000976.D
 Acq On : 27 Jun 2012 19:21
 Sample : D3152-16
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:47 2012

Vial: 20
 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	4.69	152	151119	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	608457	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	126413	0.53	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	106.00%
12) 2-Bromothioanisole	7.27	204	171501	4.13	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.54	79	461	0.05	ug/mL#	8
4) DIMP	5.02	97	25632	0.20	ug/mL#	1
5) 1,4-Oxathiane	3.67	46	561	0.01	ug/mL#	28
7) 1,4-Dithiane	5.14	46	494	0.01	ug/mL#	53
8) Thiodiglycol	5.95	61	431	1.45	ug/mL#	1
9) Benzothiazole	6.27	135	6702	0.04	ug/mL#	1
13) p-Chlorophenylmethylsulfox	7.91	159	363	0.04	ug/mL#	1
14) p-Chlorophenylmethylsulfon	8.25	111	5646	0.06	ug/mL	86

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Quant Time: Jun 28 10:47 2012

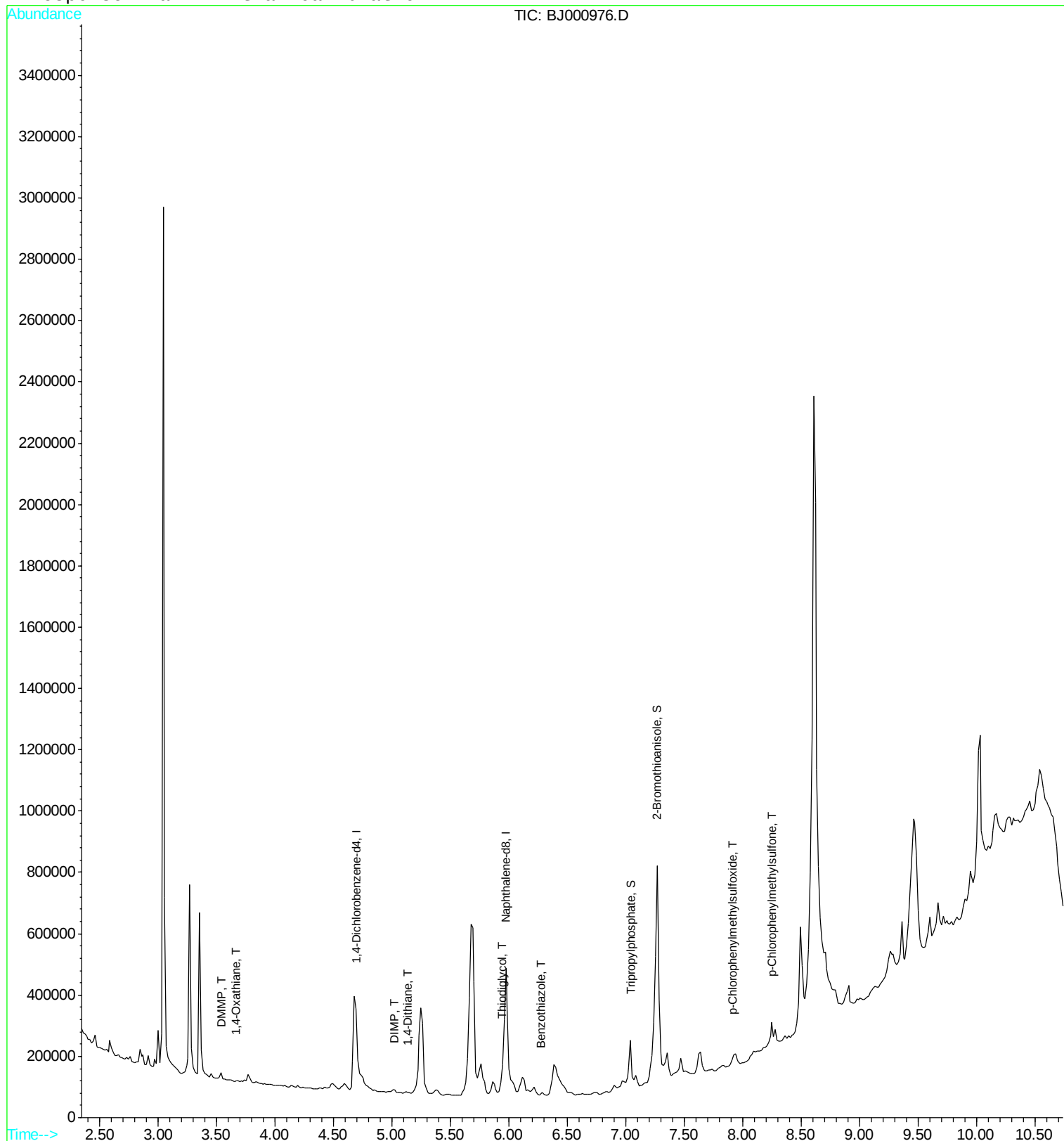
Quant Results File: BJ060812.RES

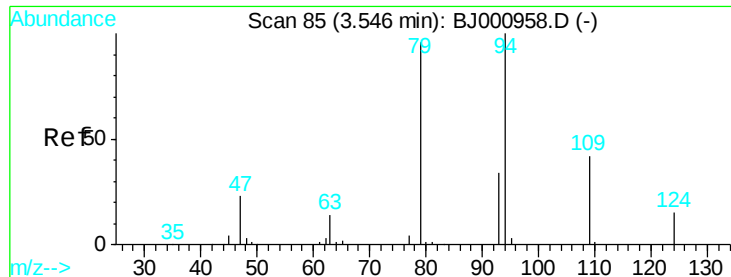
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Thu Jun 28 10:45:59 2012

Response via : Initial Calibration





#3

DMMP

Concen: 0.05 ug/mL

RT: 3.54 min Scan# 85

Delta R.T. -0.00 min

Lab File: BJ000976.D

Acq: 27 Jun 2012 19:21

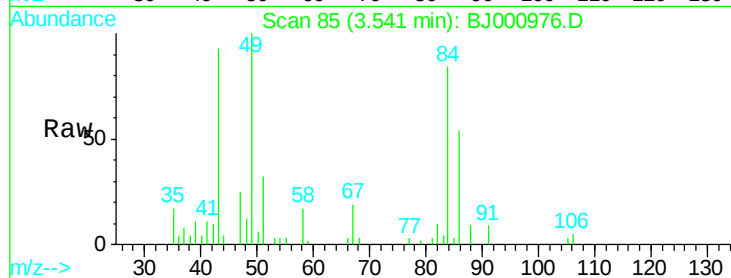
Tgt Ion: 79 Resp: 461

Ion Ratio Lower Upper

79 100

94 0.0 84.5 124.5#

109 0.0 23.4 63.4#

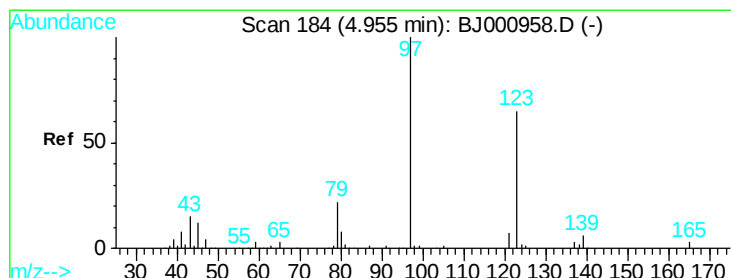
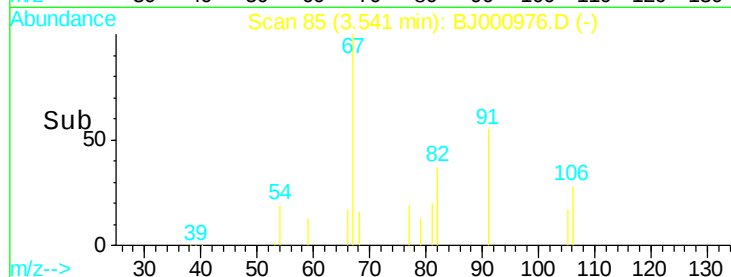
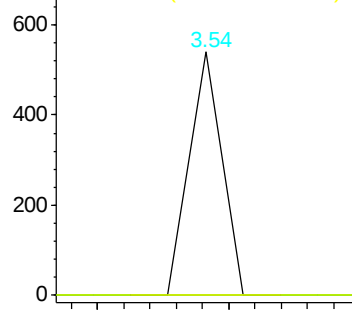


Abundance

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: 0.20 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. 0.07 min

Lab File: BJ000976.D

Acq: 27 Jun 2012 19:21

Tgt Ion: 97 Resp: 25632

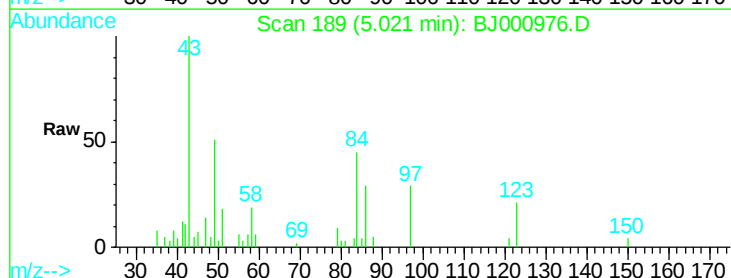
Ion Ratio Lower Upper

97 100

123 70.9 45.3 85.3

43 342.5 0.0 35.5#

41 40.5 0.0 27.9#



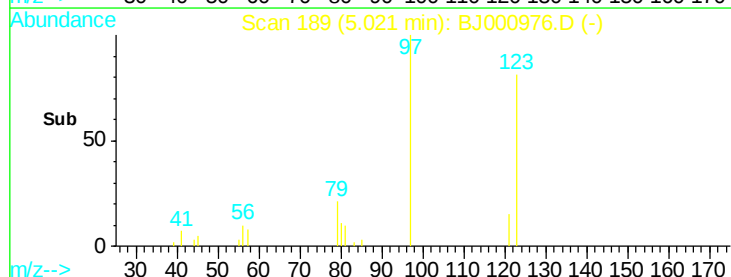
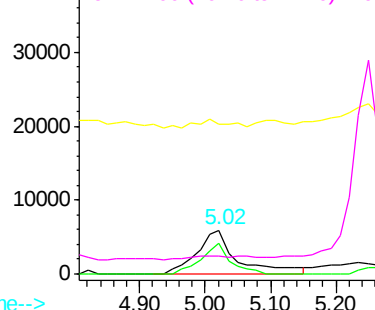
Abundance

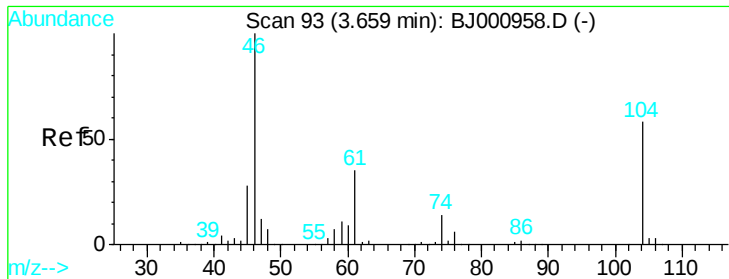
Ion 97.00 (96.70 to 97.70): BJ0

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: 0.01 ug/mL

RT: 3.67 min Scan# 94

Delta R.T. 0.01 min

Lab File: BJ000976.D

Acq: 27 Jun 2012 19:21

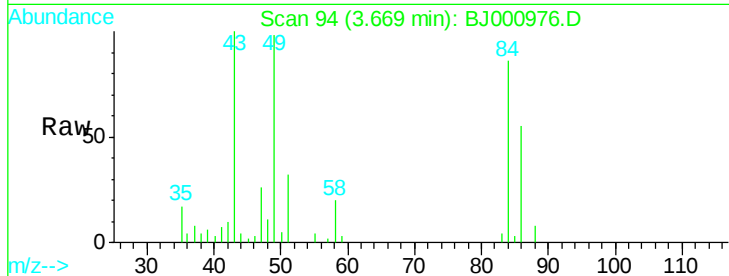
Tgt Ion: 46 Resp: 561

Ion Ratio Lower Upper

46 100

61 0.0 15.3 55.3#

104 0.0 38.4 78.4#

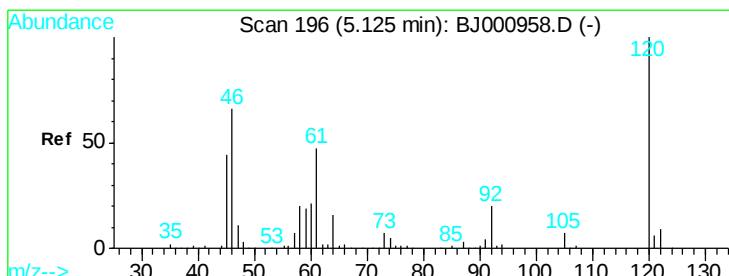
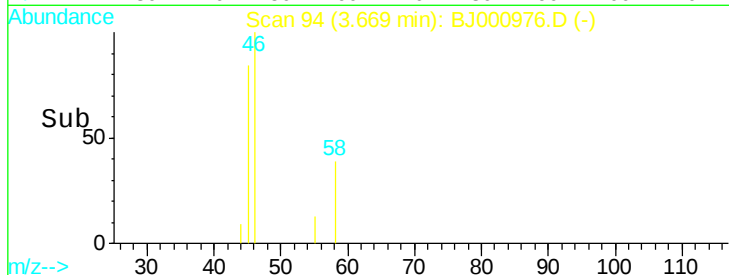
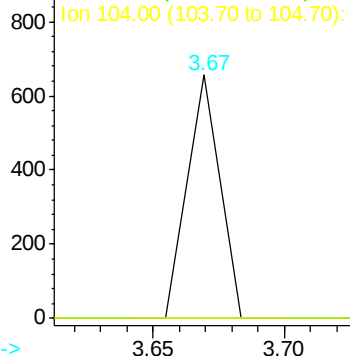


Abundance

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: 0.01 ug/mL

RT: 5.14 min Scan# 197

Delta R.T. 0.01 min

Lab File: BJ000976.D

Acq: 27 Jun 2012 19:21

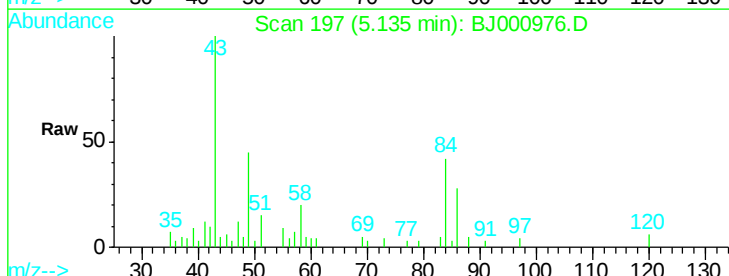
Tgt Ion: 46 Resp: 494

Ion Ratio Lower Upper

46 100

61 127.3 50.6 90.6#

120 198.8 131.1 171.1#

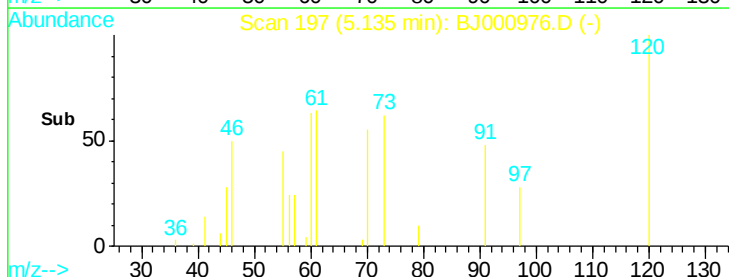
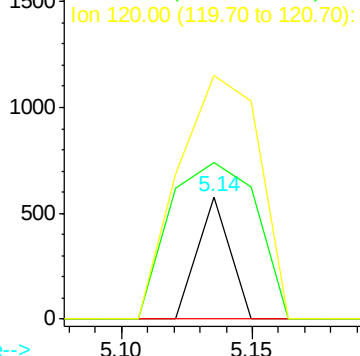


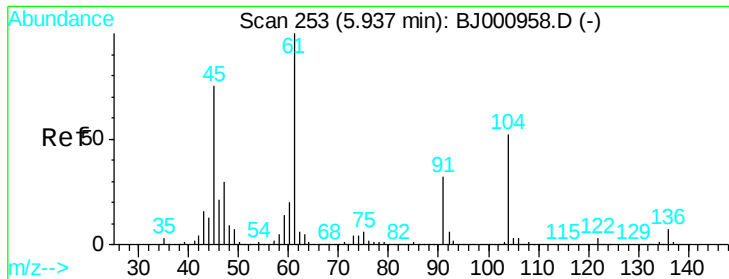
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

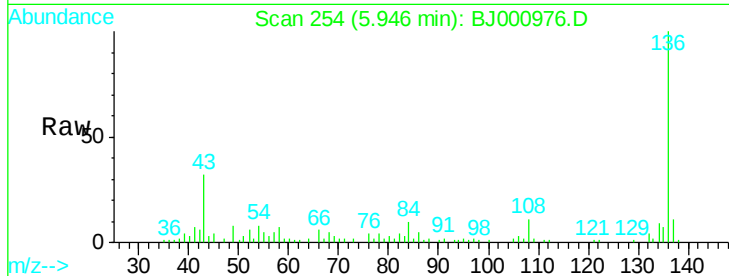
Ion 120.00 (119.70 to 120.70): BJ0





#8
 Thiodiglycol
 Concen: 1.45 ug/mL
 RT: 5.95 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: BJ000976.D
 Acq: 27 Jun 2012 19:21

Tgt Ion: 61 Resp: 431
 Ion Ratio Lower Upper
 61 100
 45 336.0 55.5 95.5#
 47 189.5 10.4 50.4#

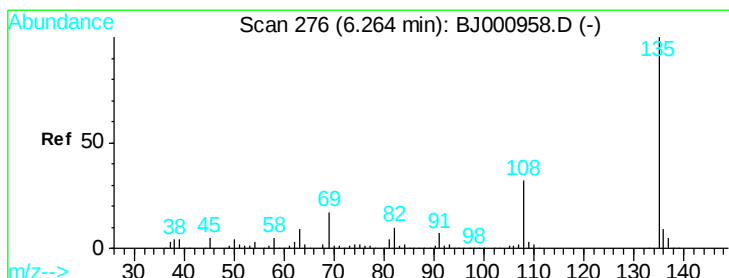
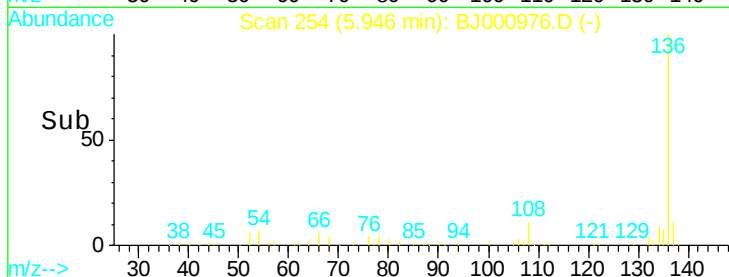
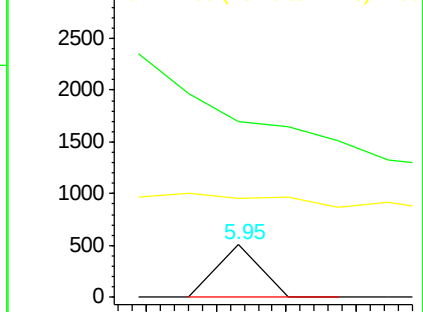


Abundance

Ion 61.00 (60.70 to 61.70): BJ0

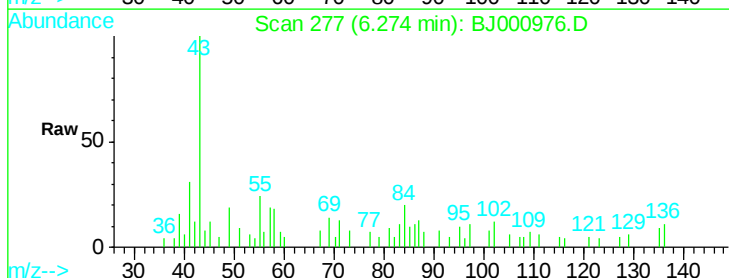
Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0



#9
 Benzothiazole
 Concen: 0.04 ug/mL
 RT: 6.27 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BJ000976.D
 Acq: 27 Jun 2012 19:21

Tgt Ion: 135 Resp: 6702
 Ion Ratio Lower Upper
 135 100
 108 59.3 12.4 52.4#
 69 164.1 0.0 36.7#

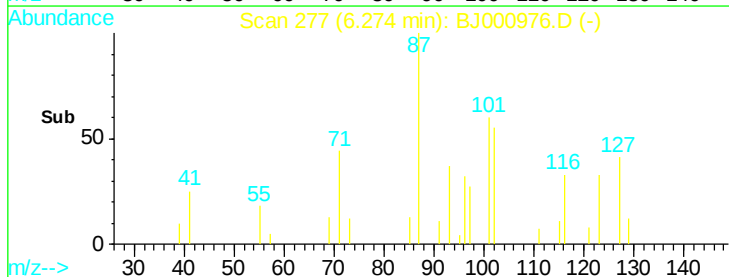
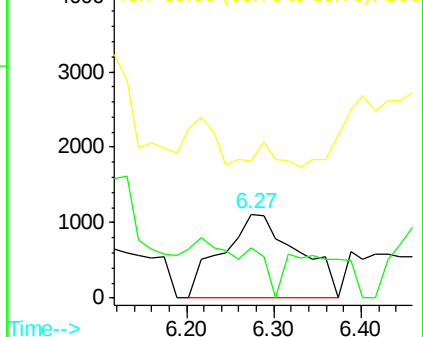


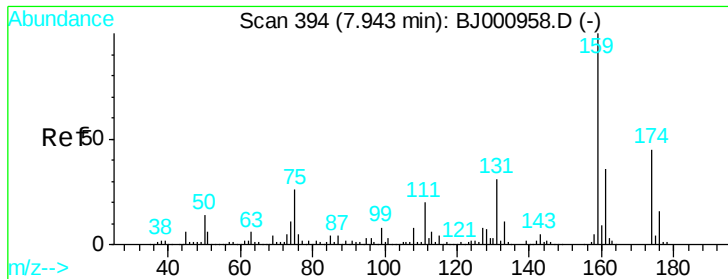
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

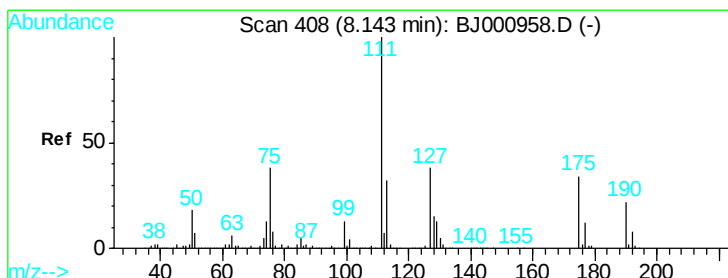
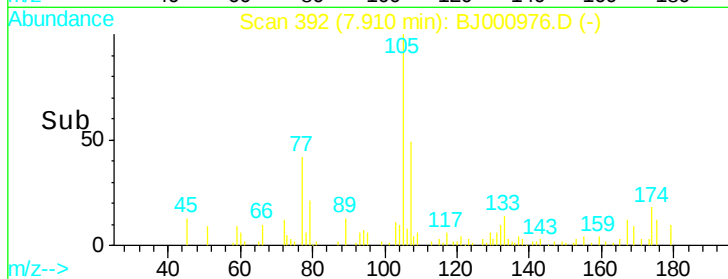
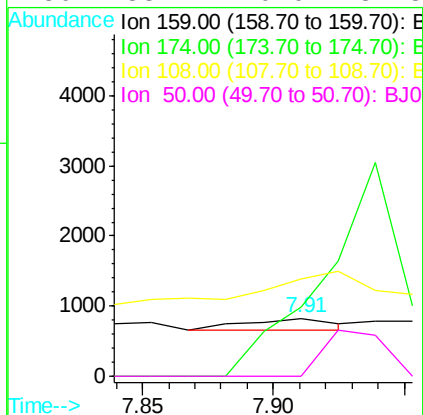
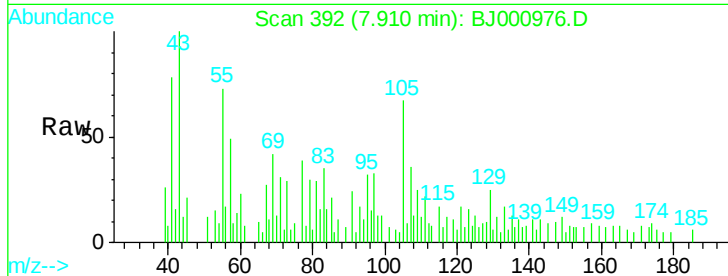
Ion 69.00 (68.70 to 69.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.04 ug/mL
RT: 7.91 min Scan# 392
Delta R.T. -0.03 min
Lab File: BJ000976.D
Acq: 27 Jun 2012 19:21

Tgt Ion:159 Resp: 363
Ion Ratio Lower Upper
159 100
174 1716.8 26.0 66.0#
108 660.6 0.0 28.6#
50 288.7 0.0 37.3#



#14
p-Chlorophenylmethylsulfone
Concen: 0.06 ug/mL
RT: 8.25 min Scan# 416
Delta R.T. 0.11 min
Lab File: BJ000976.D
Acq: 27 Jun 2012 19:21

Tgt Ion:111 Resp: 5646
Ion Ratio Lower Upper
111 100
75 26.6 19.3 59.3
127 32.2 18.4 58.4
190 18.4 1.5 41.5

