

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000972.D
 Acq On : 27 Jun 2012 18:09
 Sample : D3152-11
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:47 2012

Vial: 16
 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	186425	2.00	ug/mL	0.00
6) Naphthalene-d8	5.98	136	776217	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.03	99	150588	0.50	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
12) 2-Bromothioanisole	7.28	204	227705	4.30	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
4) DIMP	5.01	97	32344	0.20	ug/mL#	1
5) 1,4-Oxathiane	3.66	46	2915	0.05	ug/mL#	77
7) 1,4-Dithiane	5.13	46	581	0.01	ug/mL#	73
8) Thiodiglycol	5.95	61	2315	1.49	ug/mL#	1
9) Benzothiazole	6.28	135	5156	0.02	ug/mL#	1
11) p-Chlorophenylmethyldisulfide	6.66	158	1577	0.01	ug/mL#	7
13) p-Chlorophenylmethyldisulfoxide	8.00	159	2904	0.08	ug/mL#	45
14) p-Chlorophenylmethyldisulfonate	8.11	111	11252	0.10	ug/mL#	80

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000972.D

Vial: 16

Acq On : 27 Jun 2012 18:09

Operator: HLM

Sample : D3152-11

Inst : BNA J

Misc : WATER BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 28 10:47 2012

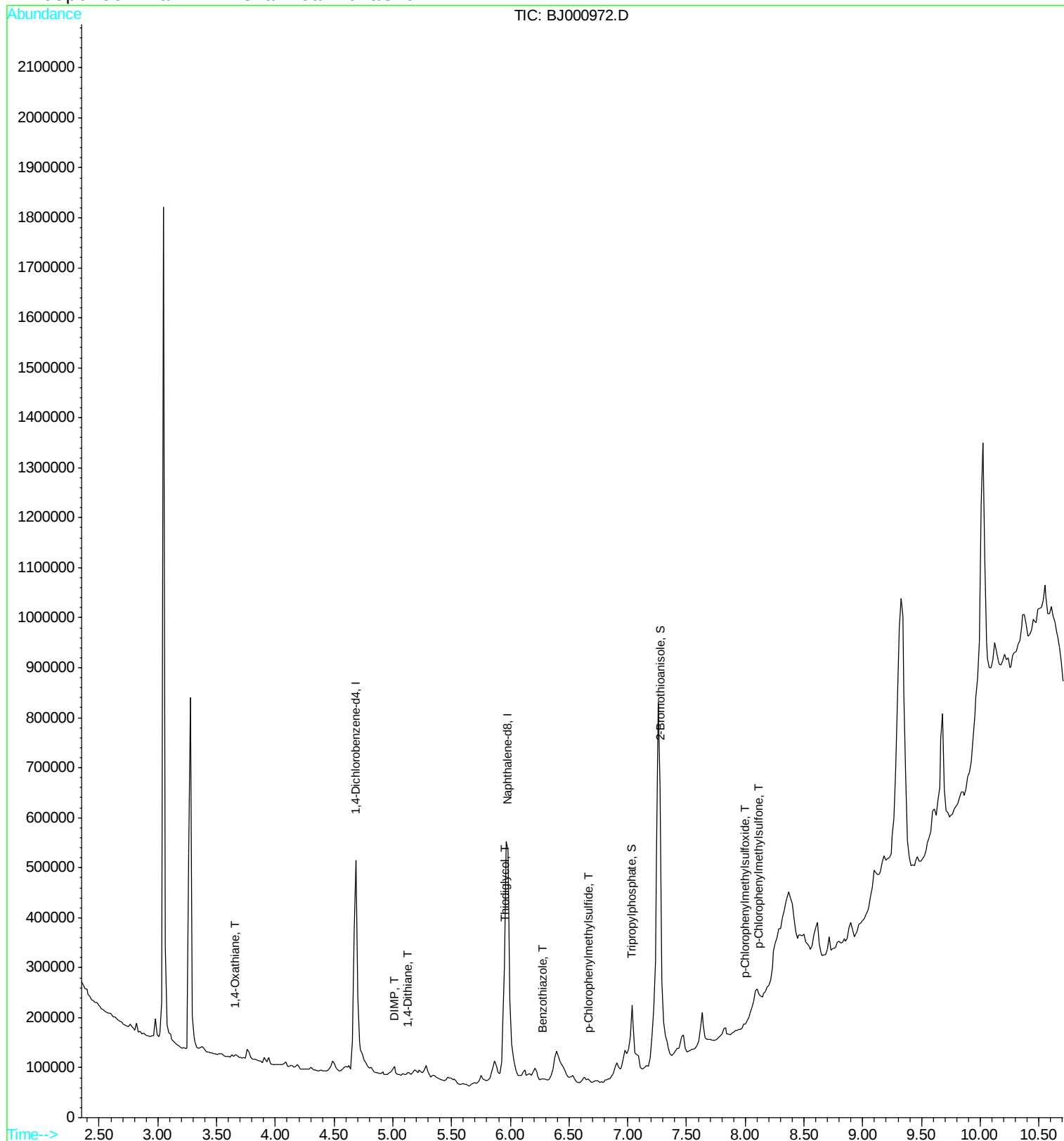
Quant Results File: BJ060812.RES

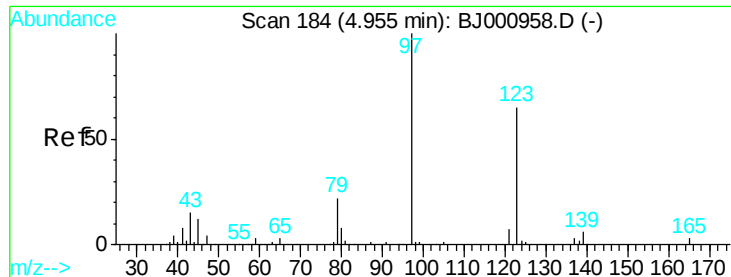
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#4

DIMP

Concen: 0.20 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. 0.06 min

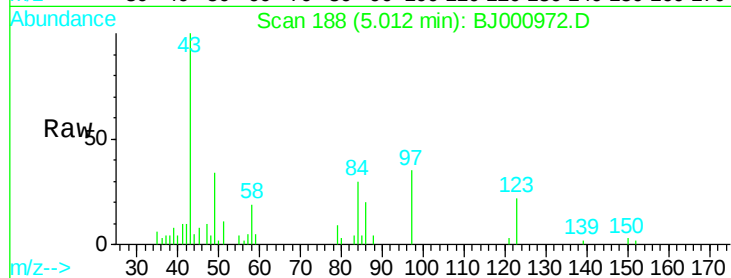
Lab File: BJ000972.D

Acq: 27 Jun 2012 18:09

Tgt Ion: 97 Resp: 32344

Ion Ratio Lower Upper

97	100		
123	61.5	45.3	85.3
43	284.0	0.0	35.5#
41	27.8	0.0	27.9



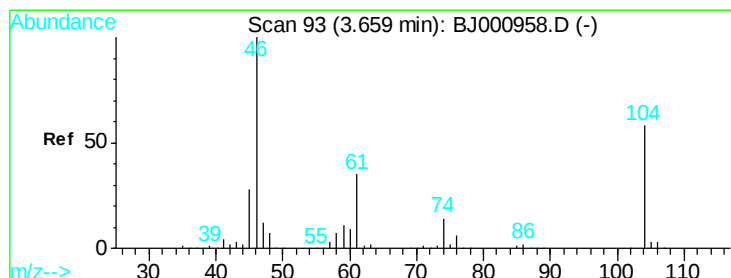
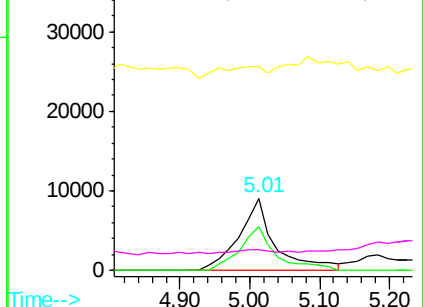
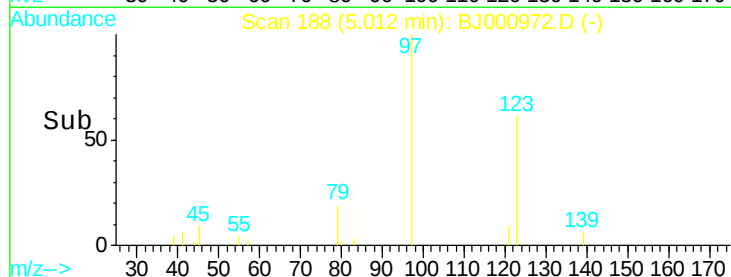
Abundance

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: 0.05 ug/mL

RT: 3.66 min Scan# 93

Delta R.T. 0.00 min

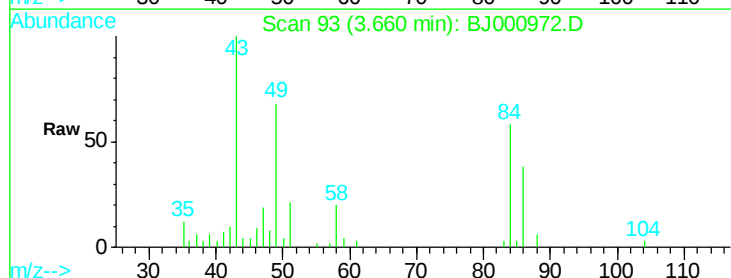
Lab File: BJ000972.D

Acq: 27 Jun 2012 18:09

Tgt Ion: 46 Resp: 2915

Ion Ratio Lower Upper

46	100		
61	31.5	15.3	55.3
104	34.1	38.4	78.4#

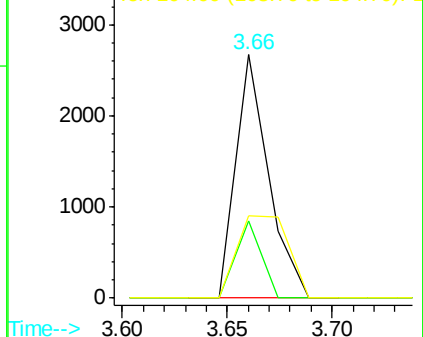
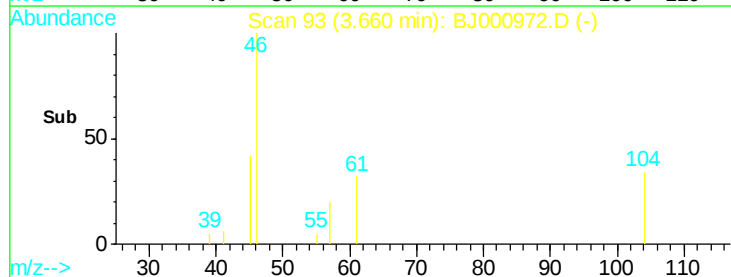


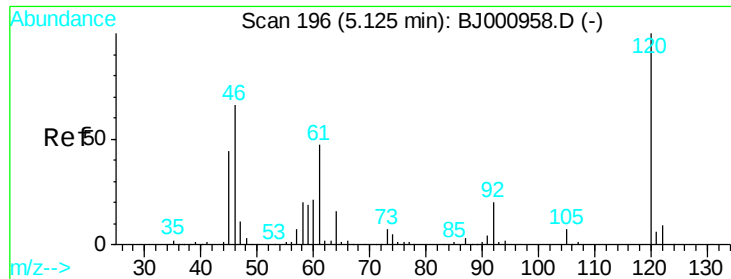
Abundance

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: 5.13 min Scan# 196

Delta R.T. 0.00 min

Lab File: BJ000972.D

Acq: 27 Jun 2012 18:09

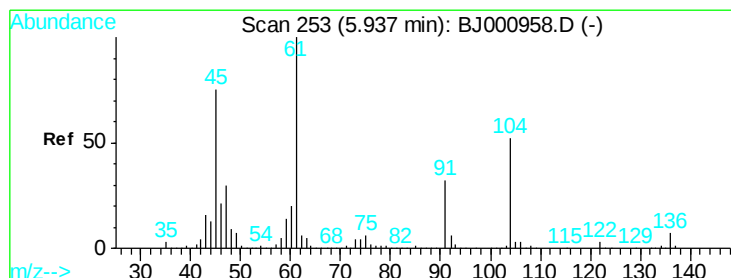
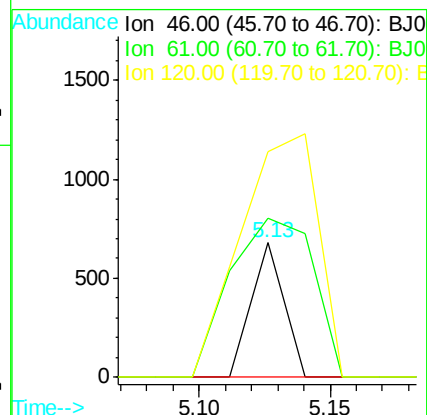
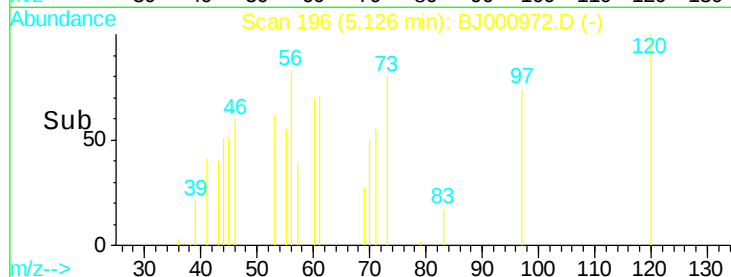
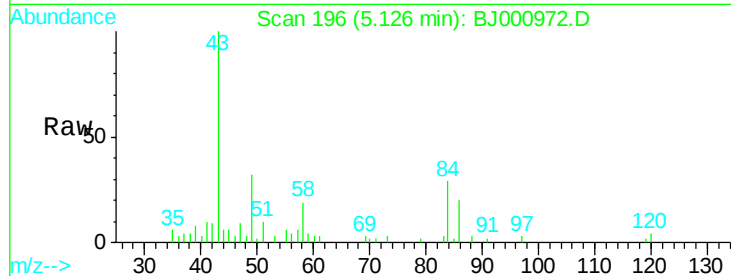
Tgt Ion: 46 Resp: 581

Ion Ratio Lower Upper

46 100

61 118.2 50.6 90.6#

120 167.2 131.1 171.1



#8

Thiodiglycol

Concen: 1.49 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. 0.01 min

Lab File: BJ000972.D

Acq: 27 Jun 2012 18:09

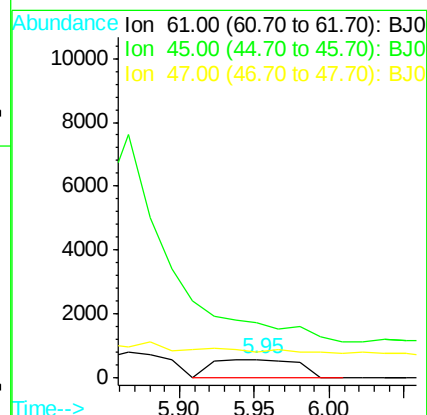
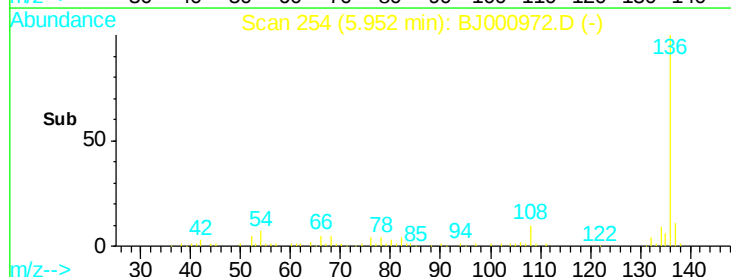
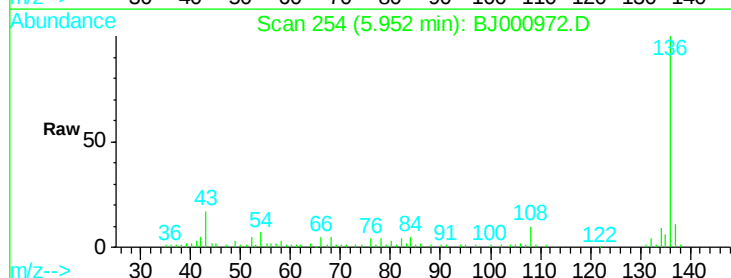
Tgt Ion: 61 Resp: 2315

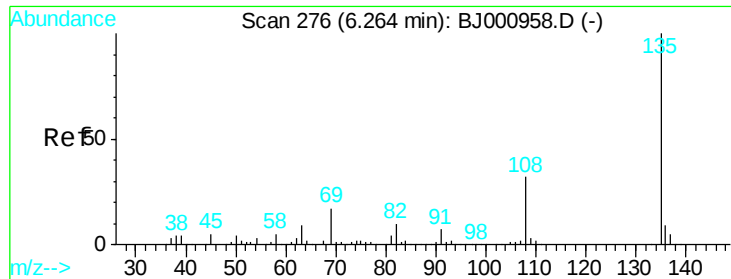
Ion Ratio Lower Upper

61 100

45 296.1 55.5 95.5#

47 140.9 10.4 50.4#





#9

Benzothiazole

Concen: 0.02 ug/mL

RT: 6.28 min Scan# 277

Delta R.T. 0.01 min

Lab File: BJ000972.D

Acq: 27 Jun 2012 18:09

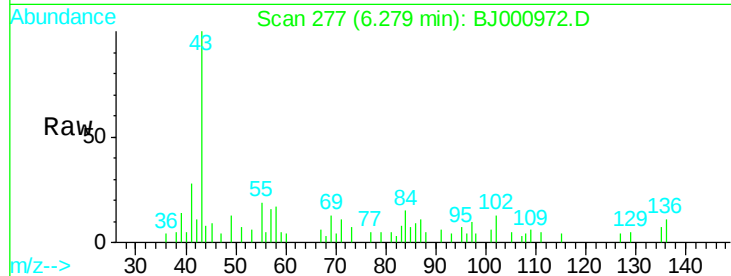
Tgt Ion:135 Resp: 5156

Ion Ratio Lower Upper

135 100

108 67.9 12.4 52.4#

69 202.2 0.0 36.7#

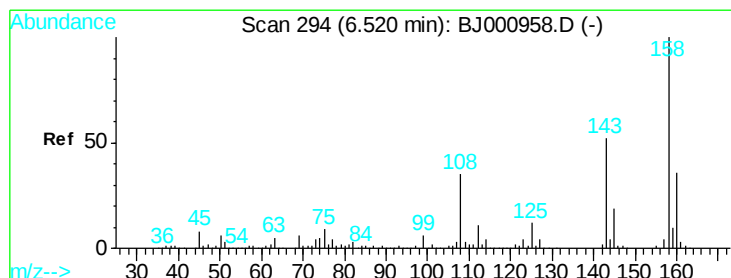
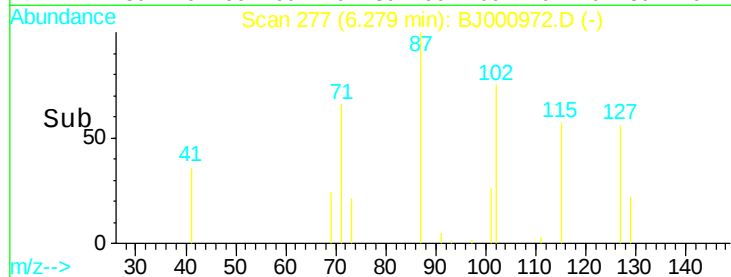
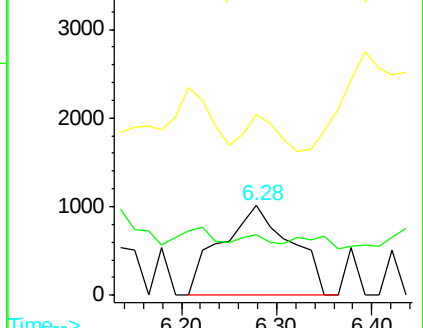


Abundance

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



#11

p-Chlorophenylmethylsulfide

Concen: 0.01 ug/mL

RT: 6.66 min Scan# 304

Delta R.T. 0.14 min

Lab File: BJ000972.D

Acq: 27 Jun 2012 18:09

Tgt Ion:158 Resp: 1577

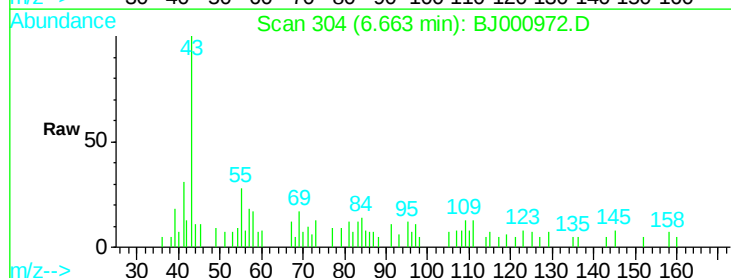
Ion Ratio Lower Upper

158 100

143 64.9 31.9 71.9

108 107.9 15.8 55.8#

45 153.2 0.0 29.2#



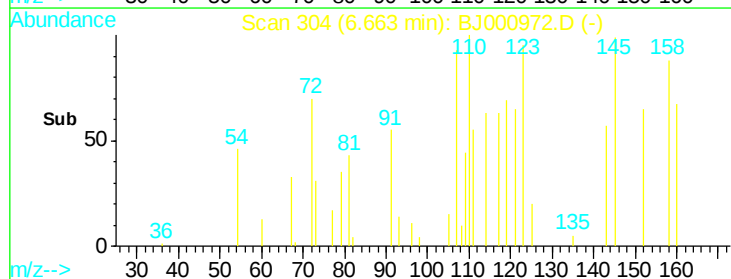
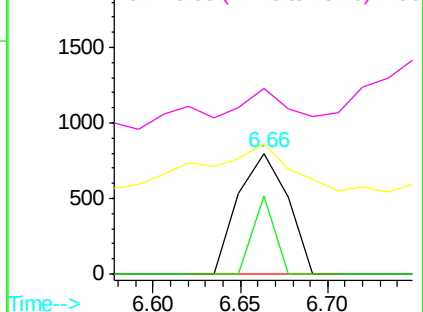
Abundance

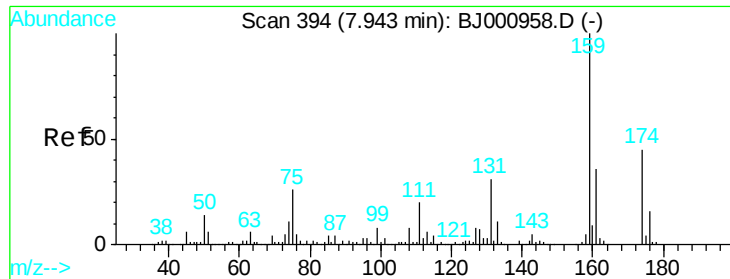
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

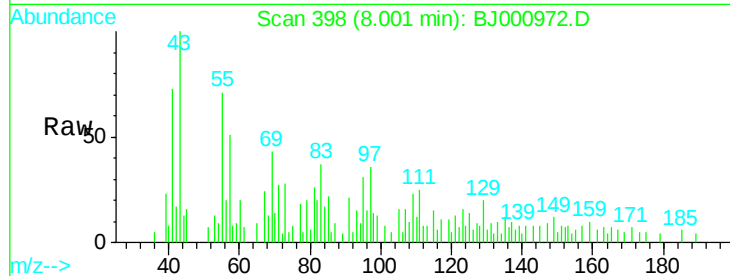
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.08 ug/mL
RT: 8.00 min Scan# 398
Delta R.T. 0.06 min
Lab File: BJ000972.D
Acq: 27 Jun 2012 18:09

Tgt Ion:	159	Resp:	2904
Ion	Ratio	Lower	Upper
159	100		
174	0.0	26.0	66.0#
108	7.0	0.0	28.6
50	0.0	0.0	37.3



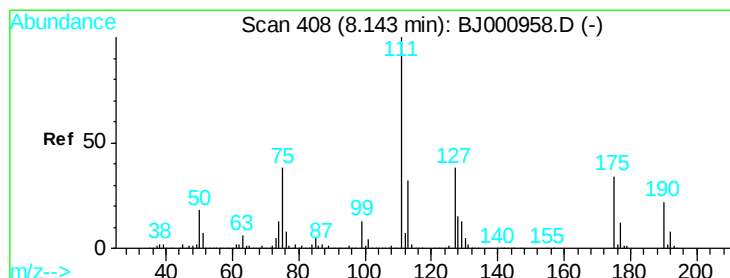
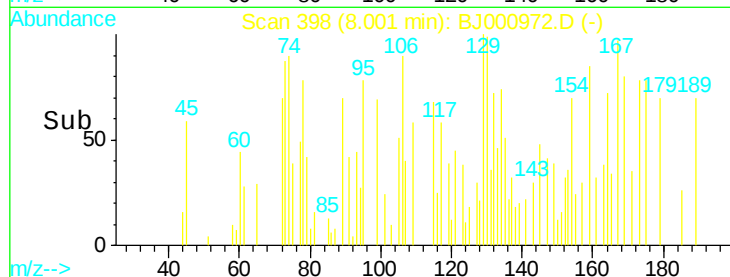
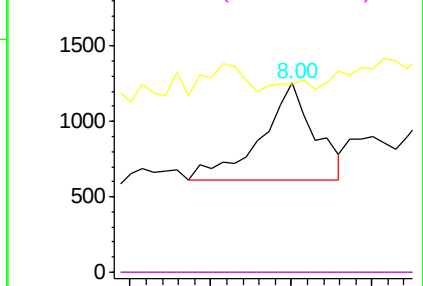
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

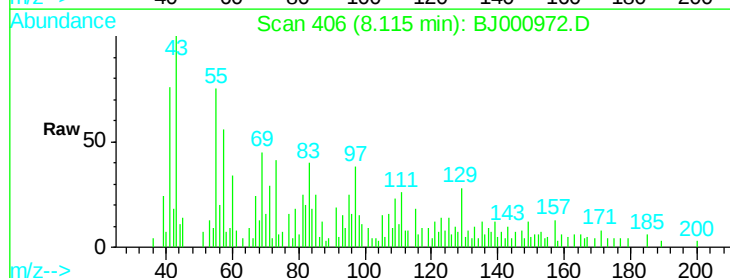
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 0.10 ug/mL
RT: 8.11 min Scan# 406
Delta R.T. -0.03 min
Lab File: BJ000972.D
Acq: 27 Jun 2012 18:09

Tgt Ion:	111	Resp:	11252
Ion	Ratio	Lower	Upper
111	100		
75	25.7	19.3	59.3
127	39.8	18.4	58.4
190	0.0	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

