

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000991.D
 Acq On : 27 Jun 2012 23:54
 Sample : D3156-11
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:49 2012

Vial: 35
 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	178338	2.00	ug/mL	0.00
6) Naphthalene-d8	5.98	136	736995	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	139281	0.48	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.00%
12) 2-Bromothioanisole	7.27	204	203324	4.04	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%

Target Compounds

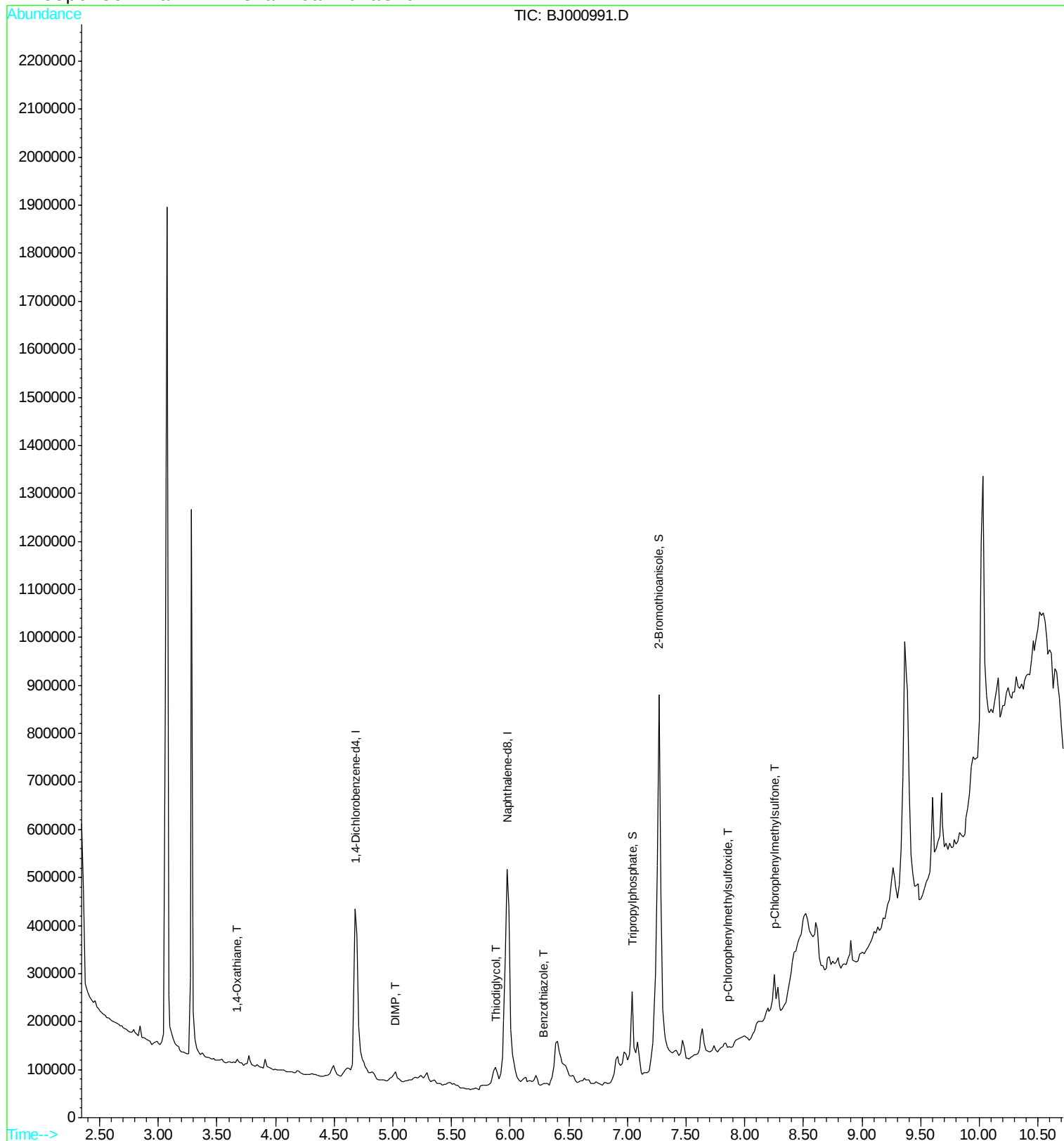
	R.T.	QIon	Response	Conc	Units	Ovalue
4) DIMP	5.02	97	30584	0.20	ug/mL#	1
5) 1,4-Oxathiane	3.67	46	3005	0.05	ug/mL	90
8) Thiodiqlvcol	5.88	61	1606	1.48	ug/mL#	1
9) Benzothiazole	6.29	135	3045	0.02	ug/mL#	1
13) p-Chlorophenylmethylsulfox	7.85	159	453	0.04	ug/mL#	1
14) p-Chlorophenylmethylsulfon	8.25	111	6767	0.06	ug/mL	82

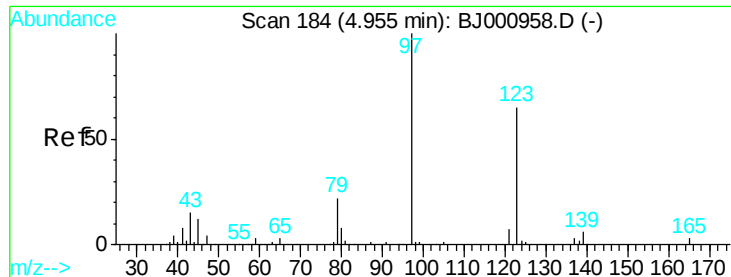
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Quant Results File: BJ060812.RES

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Title : CWA degradation products by GCMS
Last Update : Thu Jun 28 10:45:59 2012
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#4

DIMP

Concen: 0.20 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. 0.07 min

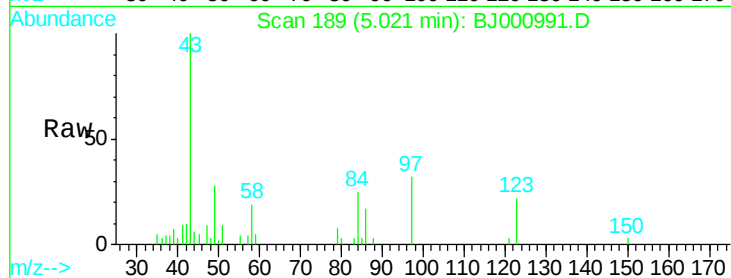
Lab File: BJ000991.D

Acq: 27 Jun 2012 23:54

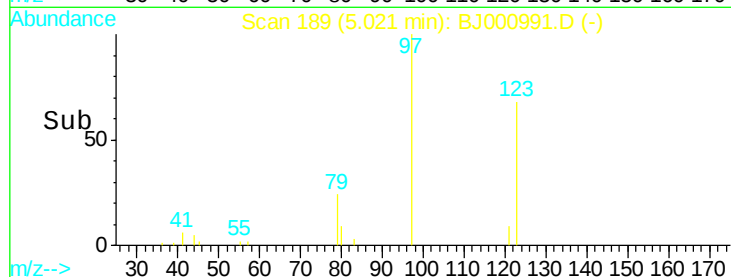
Tgt Ion: 97 Resp: 30584

Ion Ratio Lower Upper

97	100		
123	68.2	45.3	85.3
43	307.7	0.0	35.5#
41	29.2	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

Time-->

4.90 5.00 5.10

5.02

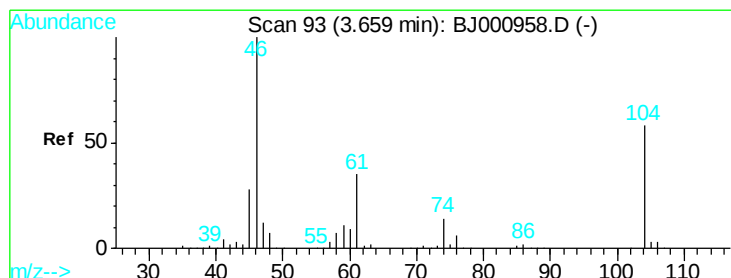
40000

30000

20000

10000

0



#5

1,4-Oxathiane

Concen: 0.05 ug/mL

RT: 3.67 min Scan# 94

Delta R.T. 0.01 min

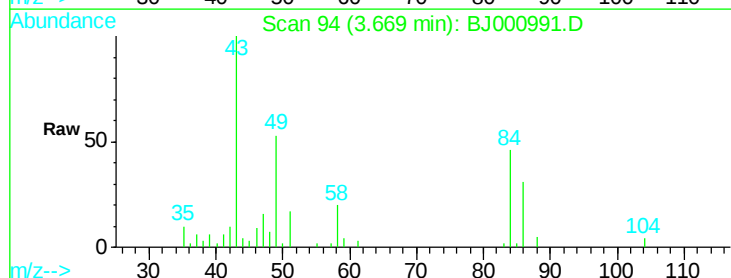
Lab File: BJ000991.D

Acq: 27 Jun 2012 23:54

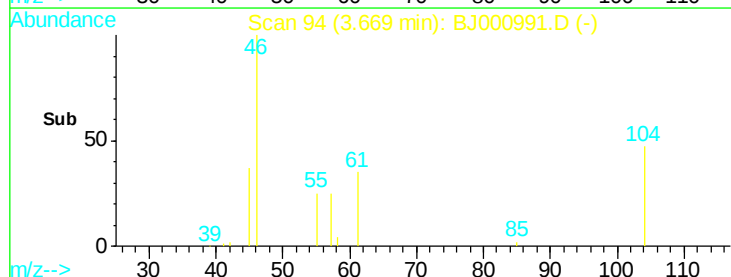
Tgt Ion: 46 Resp: 3005

Ion Ratio Lower Upper

46	100		
61	35.4	15.3	55.3
104	46.9	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

Time-->

3.65 3.70

3.67

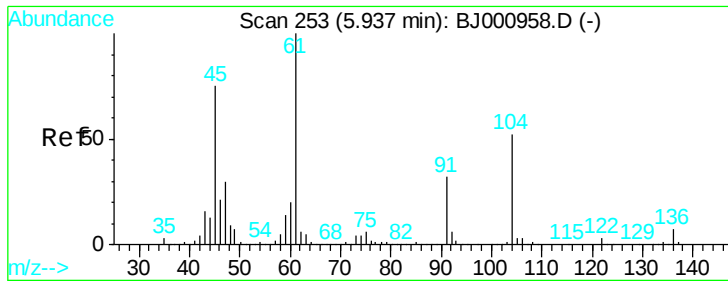
4000

3000

2000

1000

0



#8

Thiodiglycol

Concen: 1.48 ug/mL

RT: 5.88 min Scan# 249

Delta R.T. -0.06 min

Lab File: BJ000991.D

Acq: 27 Jun 2012 23:54

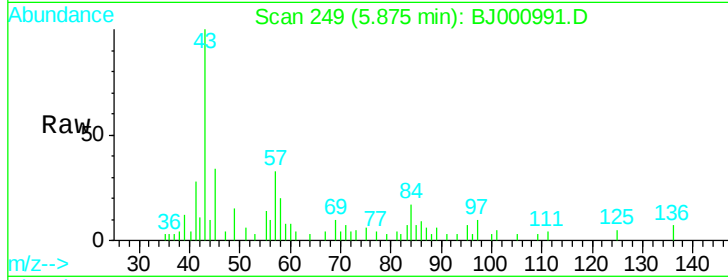
Tgt Ion: 61 Resp: 1606

Ion Ratio Lower Upper

61 100

45 963.1 55.5 95.5#

47 122.7 10.4 50.4#

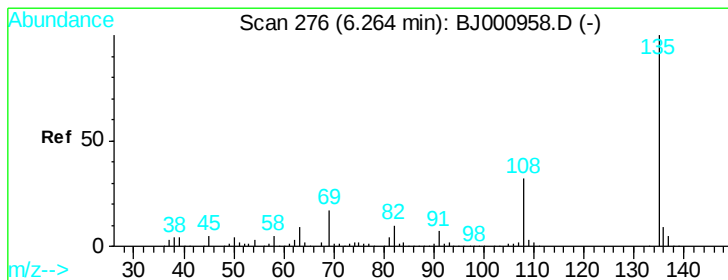
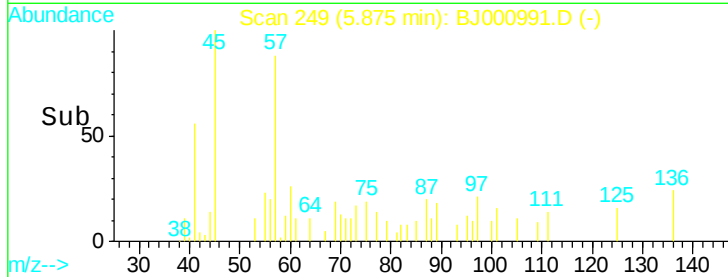
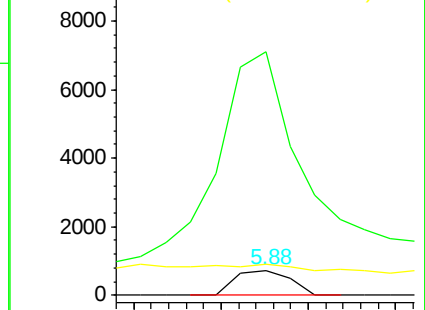


Abundance

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: 0.02 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.02 min

Lab File: BJ000991.D

Acq: 27 Jun 2012 23:54

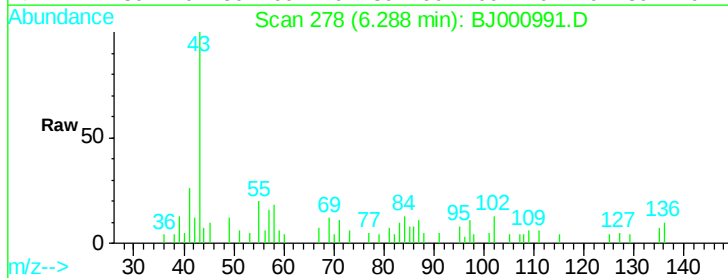
Tgt Ion: 135 Resp: 3045

Ion Ratio Lower Upper

135 100

108 60.3 12.4 52.4#

69 175.6 0.0 36.7#

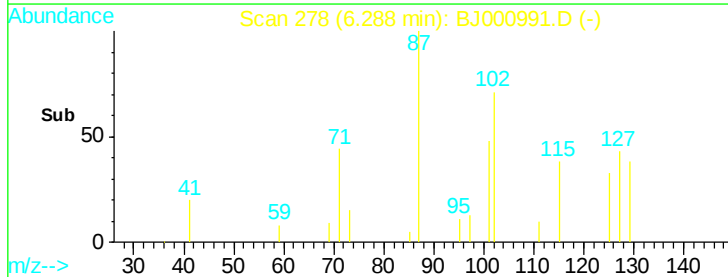
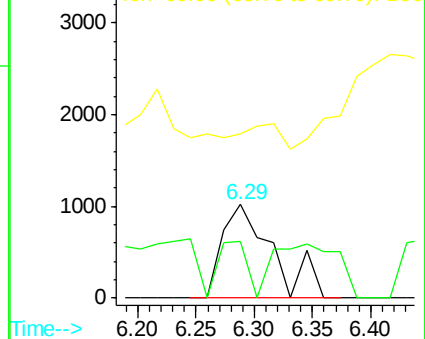


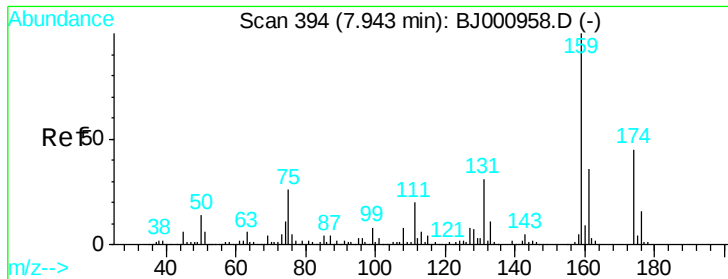
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

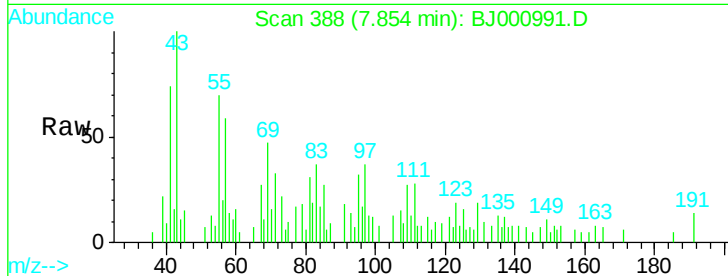
Ion 69.00 (68.70 to 69.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.04 ug/mL
RT: 7.85 min Scan# 388
Delta R.T. -0.09 min
Lab File: BJ000991.D
Acq: 27 Jun 2012 23:54

Tgt Ion:	159	Resp:	453
Ion Ratio	Lower	Upper	
159	100		
174	0.0	26.0	66.0#
108	153.2	0.0	28.6#
50	0.0	0.0	37.3



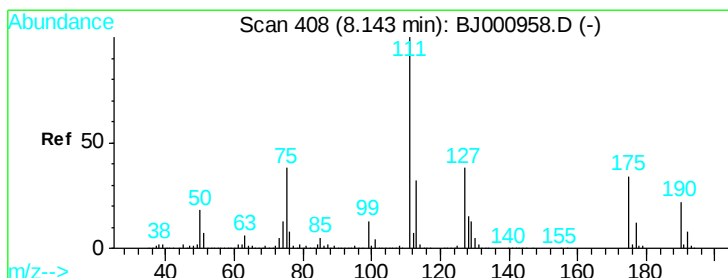
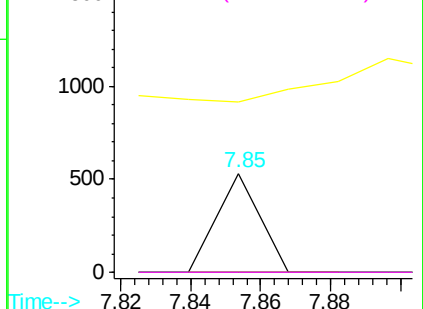
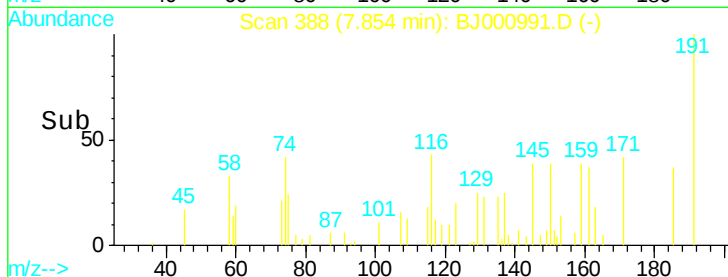
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

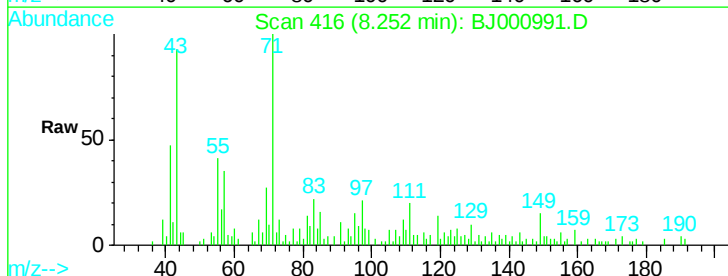
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 0.06 ug/mL
RT: 8.25 min Scan# 416
Delta R.T. 0.11 min
Lab File: BJ000991.D
Acq: 27 Jun 2012 23:54

Tgt Ion:	111	Resp:	6767
Ion Ratio	Lower	Upper	
111	100		
75	24.7	19.3	59.3
127	26.8	18.4	58.4
190	19.3	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

