

Data File : H:\VOL1\GCMSDATA\J\120816\BJ001078.D
 Acq On : 16 Aug 2012 16:27
 Sample : PB64985BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Aug 17 10:51 2012

Vial: 5
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ072012.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Aug 17 10:52:26 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.63	152	427552	2.00	ug/mL	0.00
6) Naphthalene-d8	5.92	136	1818723	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.97	99	347794	0.52	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
12) 2-Bromothioanisole	7.23	204	651230	4.58	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.69	94	764385	4.78	ug/mL	86
3) DMMP	3.52	79	312176	1.62	ug/mL	91
4) DIMP	4.90	97	1496260	3.76	ug/mL#	86
5) 1,4-Oxathiane	3.64	46	888607	4.47	ug/mL#	72
7) 1,4-Dithiane	5.07	46	740421	4.34	ug/mL#	78
8) Thiodiglycol	5.85	61	4537207	31.27	ug/mL	98
9) Benzothiazole	6.22	135	4533671	9.68	ug/mL	91
11) p-Chlorophenylmethyldisulfide	6.48	158	2677779	9.33	ug/mL	91
13) p-Chlorophenylmethyldisulfox	7.90	159	1337046	7.82	ug/mL	98
14) p-Chlorophenylmethyldisulfon	8.10	111	1959705	6.84	ug/mL	89

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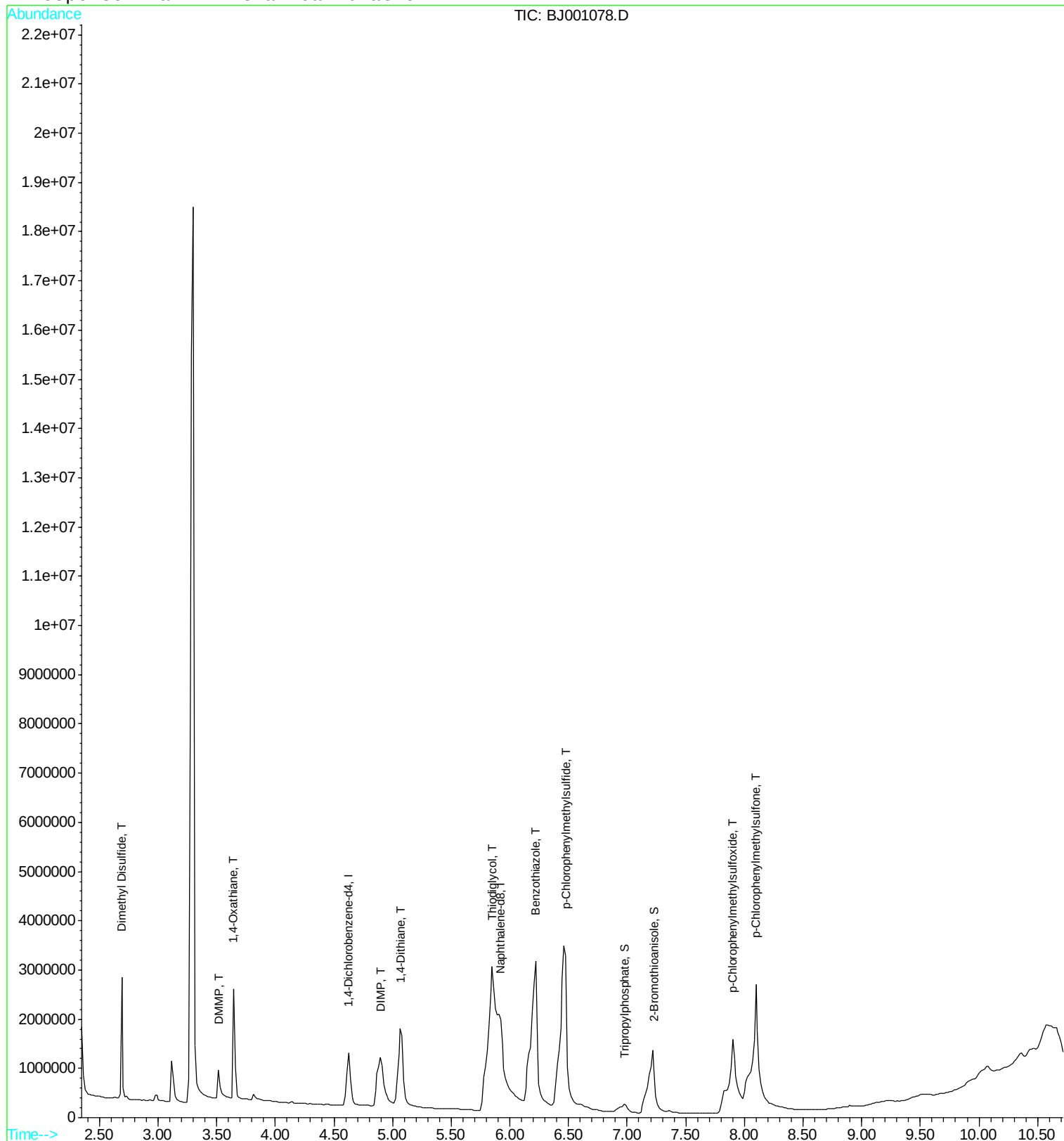
Quant Results File: BJ072012.RES

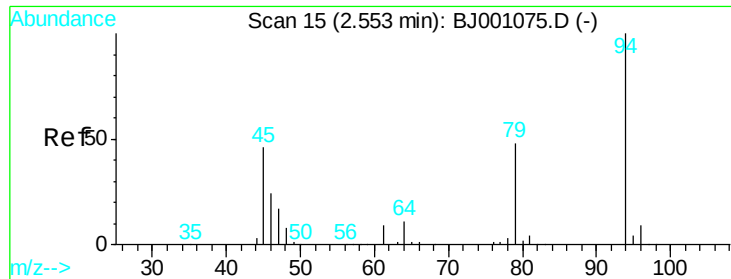
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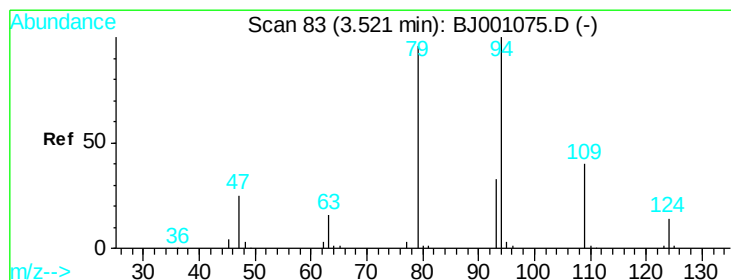
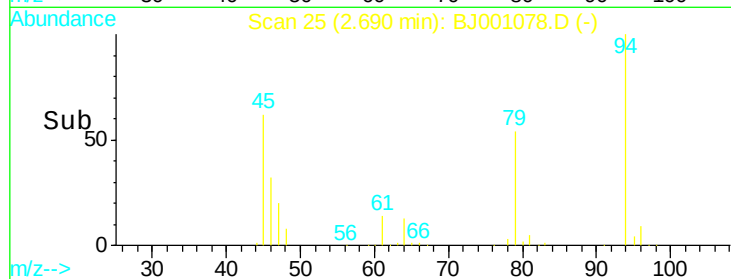
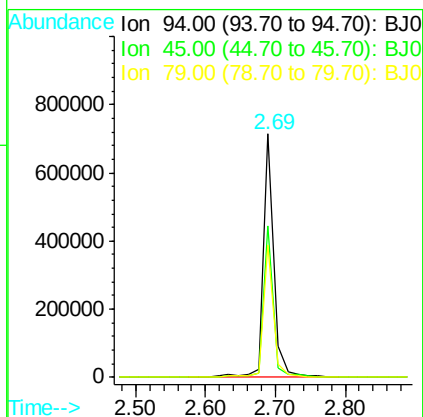
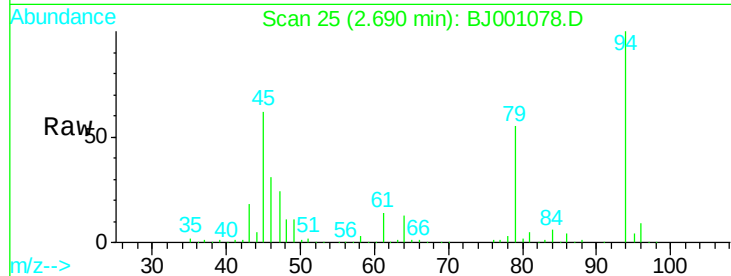
Response via : Initial Calibration





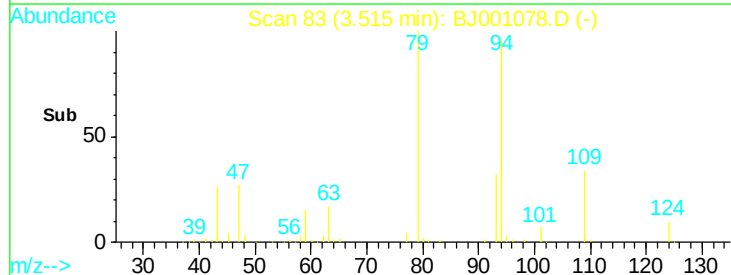
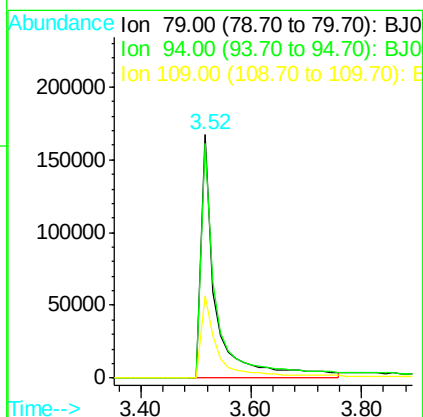
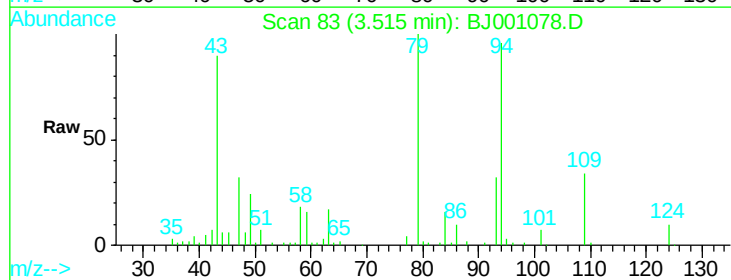
#2
 Dimethyl Disulfide
 Concen: 4.78 ug/mL
 RT: 2.69 min Scan# 25
 Delta R.T. 0.14 min
 Lab File: BJ001078.D
 Acq: 16 Aug 2012 16:27

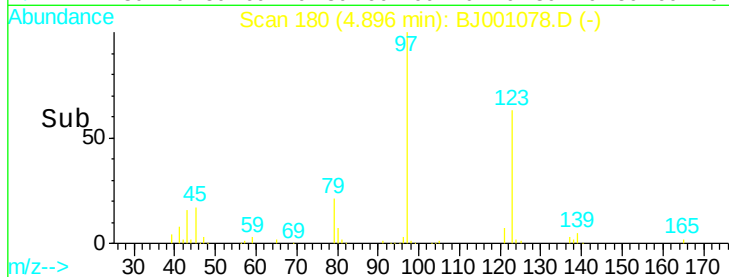
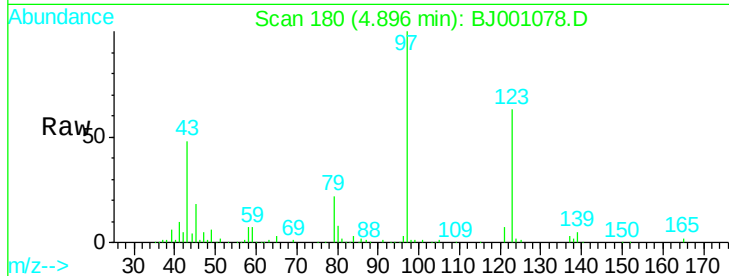
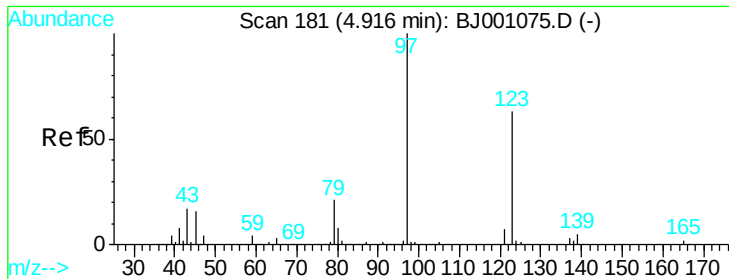
Tgt Ion:	94	Resp:	764385
Ion	Ratio	Lower	Upper
94	100		
45	62.4	29.6	69.6
79	54.5	28.5	68.5



#3
 DMMP
 Concen: 1.62 ug/mL
 RT: 3.52 min Scan# 83
 Delta R.T. -0.01 min
 Lab File: BJ001078.D
 Acq: 16 Aug 2012 16:27

Tgt Ion:	79	Resp:	312176
Ion	Ratio	Lower	Upper
79	100		
94	96.4	83.9	123.9
109	33.8	21.6	61.6





#4

DIMP

Concen: 3.76 ug/mL

RT: 4.90 min Scan# 180

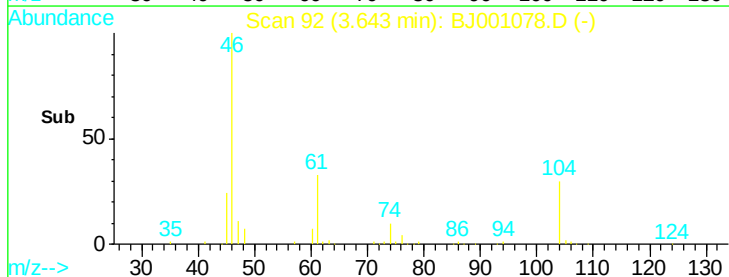
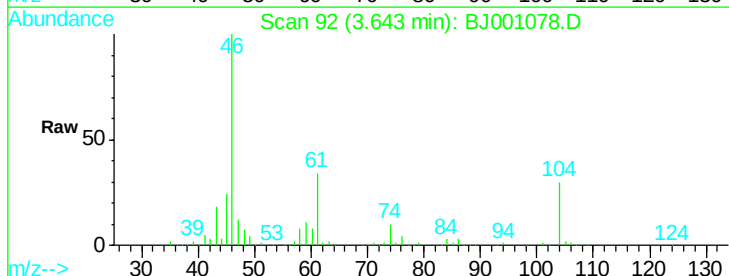
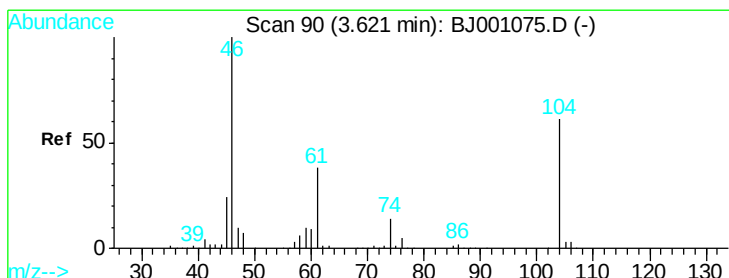
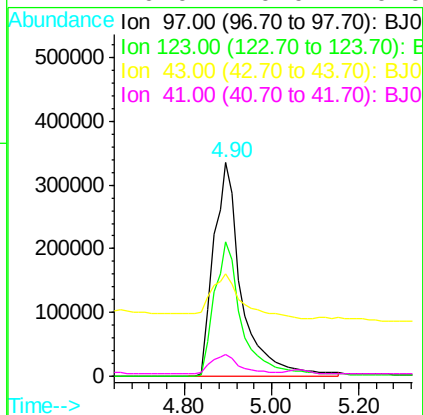
Delta R.T. -0.02 min

Lab File: BJ001078.D

Acq: 16 Aug 2012 16:27

Tgt Ion: 97 Resp: 1496260

Ion	Ratio	Lower	Upper
97	100		
123	63.1	43.4	83.4
43	47.8	0.0	37.9#
41	10.0	0.0	29.0



#5

1,4-Oxathiane

Concen: 4.47 ug/mL

RT: 3.64 min Scan# 92

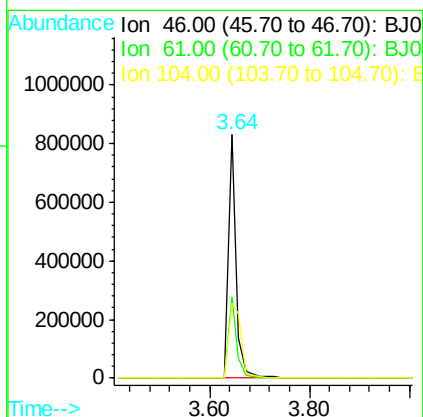
Delta R.T. 0.02 min

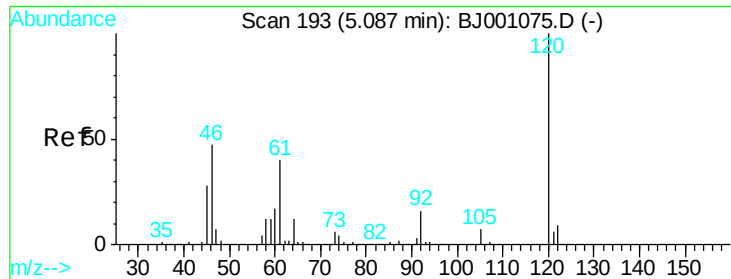
Lab File: BJ001078.D

Acq: 16 Aug 2012 16:27

Tgt Ion: 46 Resp: 888607

Ion	Ratio	Lower	Upper
46	100		
61	33.5	17.6	57.6
104	30.5	41.3	81.3#





#7

1,4-Dithiane

Concen: 4.34 ug/mL

RT: 5.07 min Scan# 192

Delta R.T. -0.02 min

Lab File: BJ001078.D

Acq: 16 Aug 2012 16:27

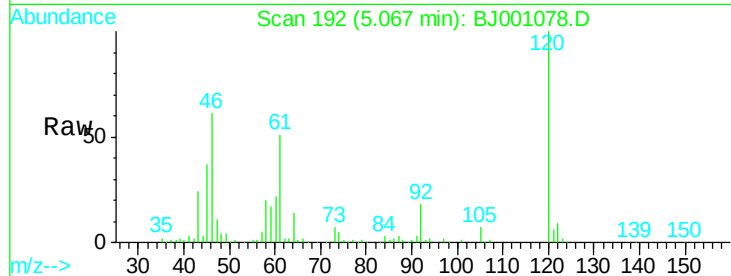
Tgt Ion: 46 Resp: 740421

Ion Ratio Lower Upper

46 100

61 84.3 65.0 105.0

120 164.6 192.0 232.0#

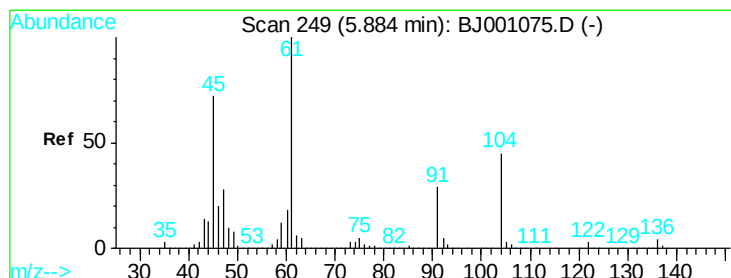
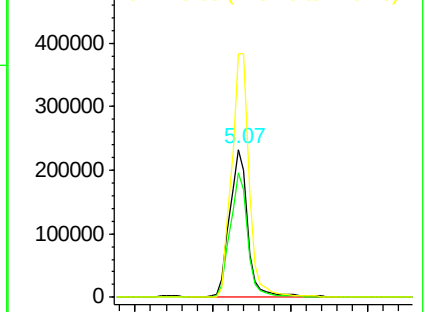
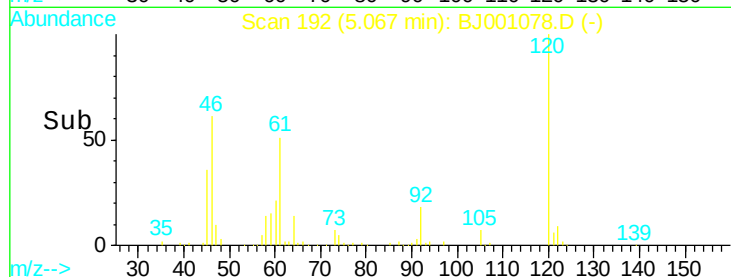


Abundance

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: 31.27 ug/mL

RT: 5.85 min Scan# 247

Delta R.T. -0.03 min

Lab File: BJ001078.D

Acq: 16 Aug 2012 16:27

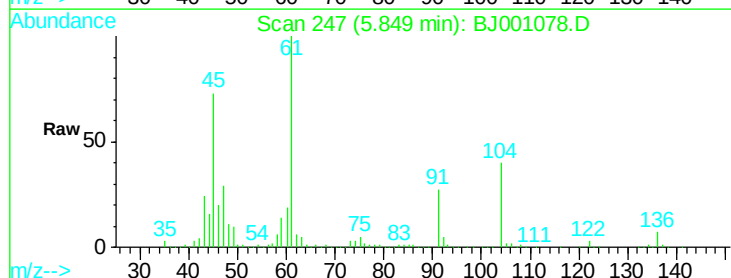
Tgt Ion: 61 Resp: 4537207

Ion Ratio Lower Upper

61 100

45 73.4 51.7 91.7

47 29.0 8.6 48.6

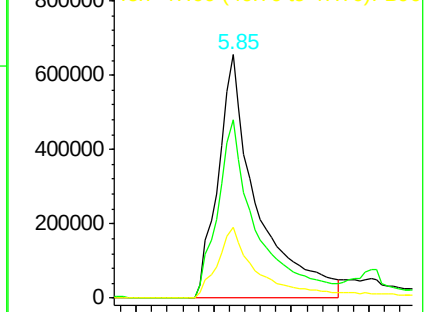
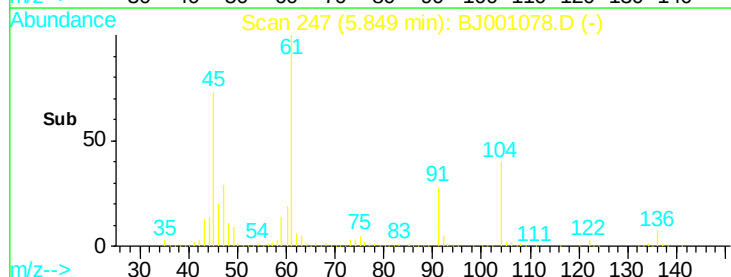


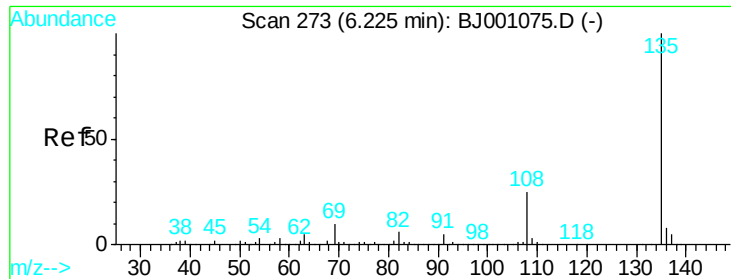
Abundance

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: 9.68 ug/mL

RT: 6.22 min Scan# 273

Delta R.T. -0.01 min

Lab File: BJ001078.D

Acq: 16 Aug 2012 16:27

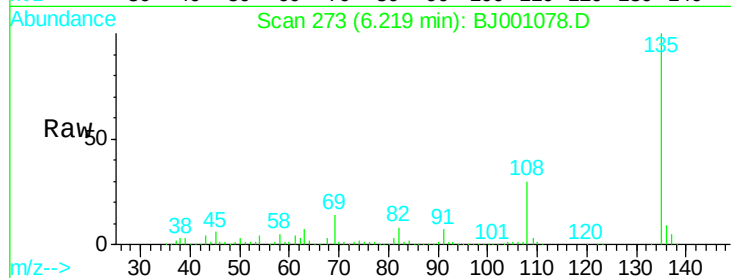
Tgt Ion:135 Resp: 4533671

Ion Ratio Lower Upper

135 100

108 29.8 5.5 45.5

69 13.9 0.0 29.6

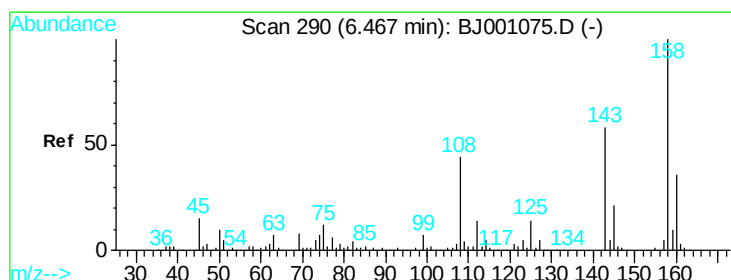
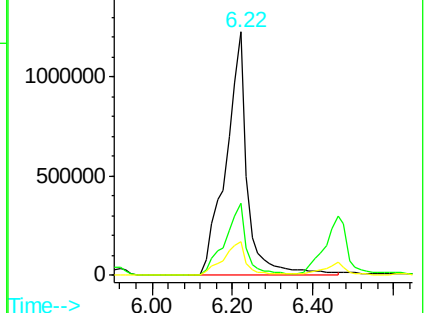
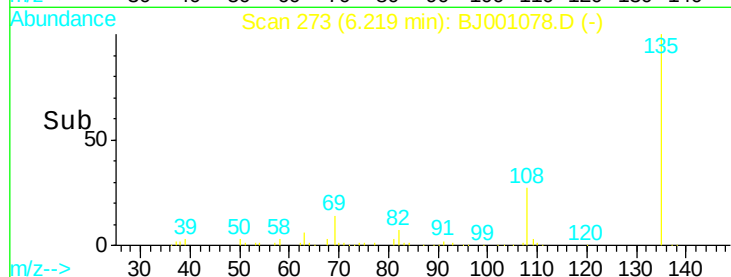


Abundance

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: 9.33 ug/mL

RT: 6.48 min Scan# 291

Delta R.T. 0.01 min

Lab File: BJ001078.D

Acq: 16 Aug 2012 16:27

Tgt Ion:158 Resp: 2677779

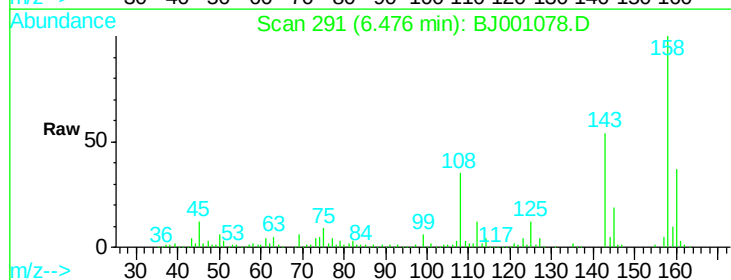
Ion Ratio Lower Upper

158 100

143 53.6 37.9 77.9

108 35.4 24.3 64.3

45 11.9 0.0 35.8



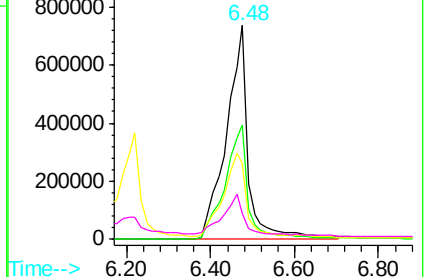
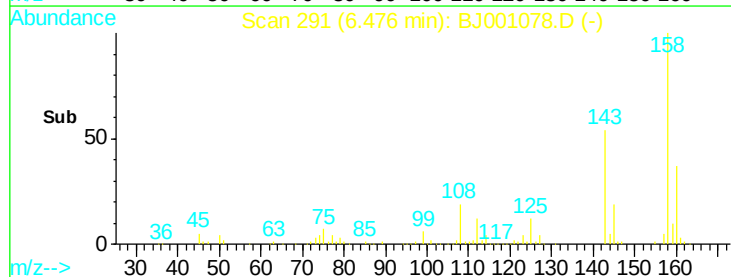
Abundance

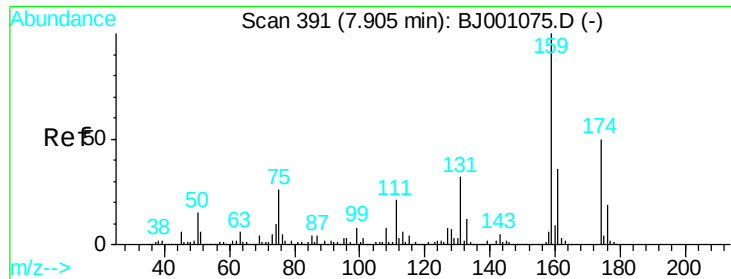
Ion 158.00 (157.70 to 158.70): E

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

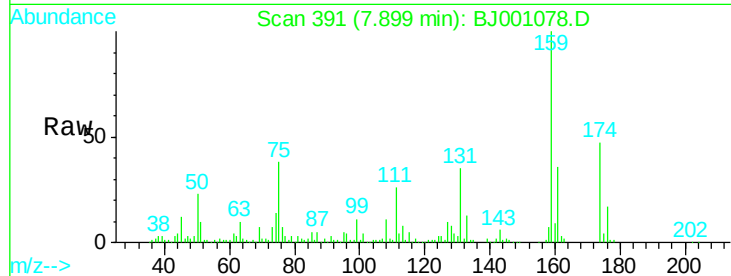




#13
p-Chlorophenylmethylsulfoxide
Concen: 7.82 ug/mL
RT: 7.90 min Scan# 391
Delta R.T. -0.01 min
Lab File: BJ001078.D
Acq: 16 Aug 2012 16:27

Tgt Ion:159 Resp: 1337046

Ion	Ratio	Lower	Upper
159	100		
174	47.8	28.6	68.6
108	9.6	0.0	30.1
50	20.7	2.2	42.2



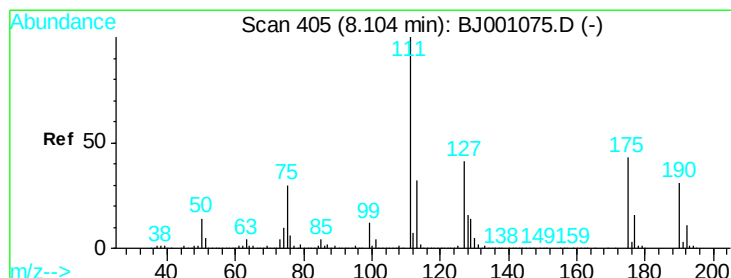
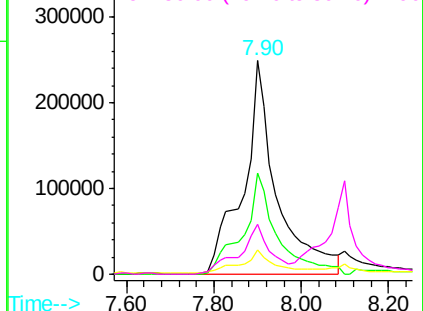
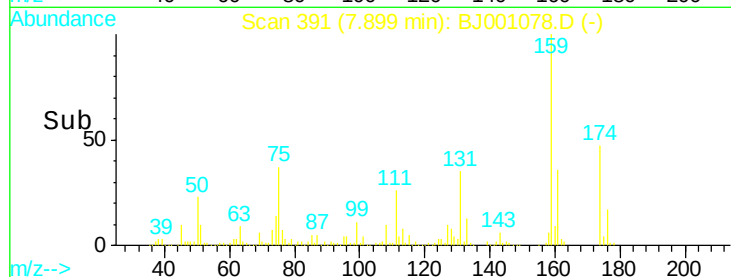
Abundance

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

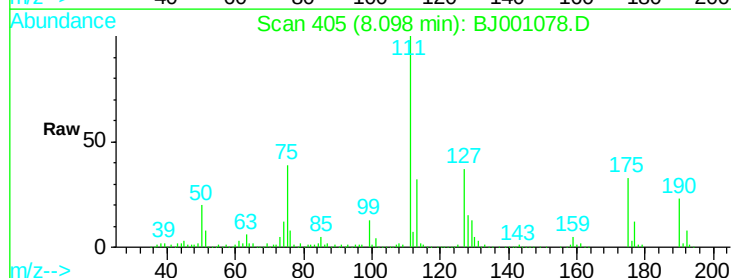
Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 6.84 ug/mL
RT: 8.10 min Scan# 405
Delta R.T. -0.01 min
Lab File: BJ001078.D
Acq: 16 Aug 2012 16:27

Tgt Ion:111 Resp: 1959705

Ion	Ratio	Lower	Upper
111	100		
75	39.0	11.6	51.6
127	37.0	21.2	61.2
190	22.6	10.6	50.6



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

