

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000789.D
 Acq On : 26 Apr 2012 17:11
 Sample : PB62520BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:31 2012

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

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Apr 27 11:32:02 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.74	152	269648	2.00	ug/mL	-0.02
6) Naphthalene-d8	6.05	136	1059278	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	204369	0.57	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	114.00%
12) 2-Bromothioanisole	7.35	204	356942	5.14	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.81	94	367760	3.70	ug/mL	89
3) DMMP	3.62	79	163523	1.91	ug/mL	92
4) DIMP	5.01	97	448998	1.89	ug/mL	94
5) 1,4-Oxathiane	3.77	46	379088	3.96	ug/mL	98
7) 1,4-Dithiane	5.20	46	337144	4.82	ug/mL	89
8) Thiodiglycol	5.94	61	2357400	33.80	ug/mL	98
9) Benzothiazole	6.34	135	2816808	10.68	ug/mL	99
11) p-Chlorophenylmethyldisulfide	6.59	158	1817624	9.96	ug/mL	92
13) p-Chlorophenylmethyldisulfox	8.02	159	694981	6.83	ug/mL	95
14) p-Chlorophenylmethyldisulfon	8.22	111	1436052	9.57	ug/mL	94

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Quant Time: Apr 27 11:31 2012

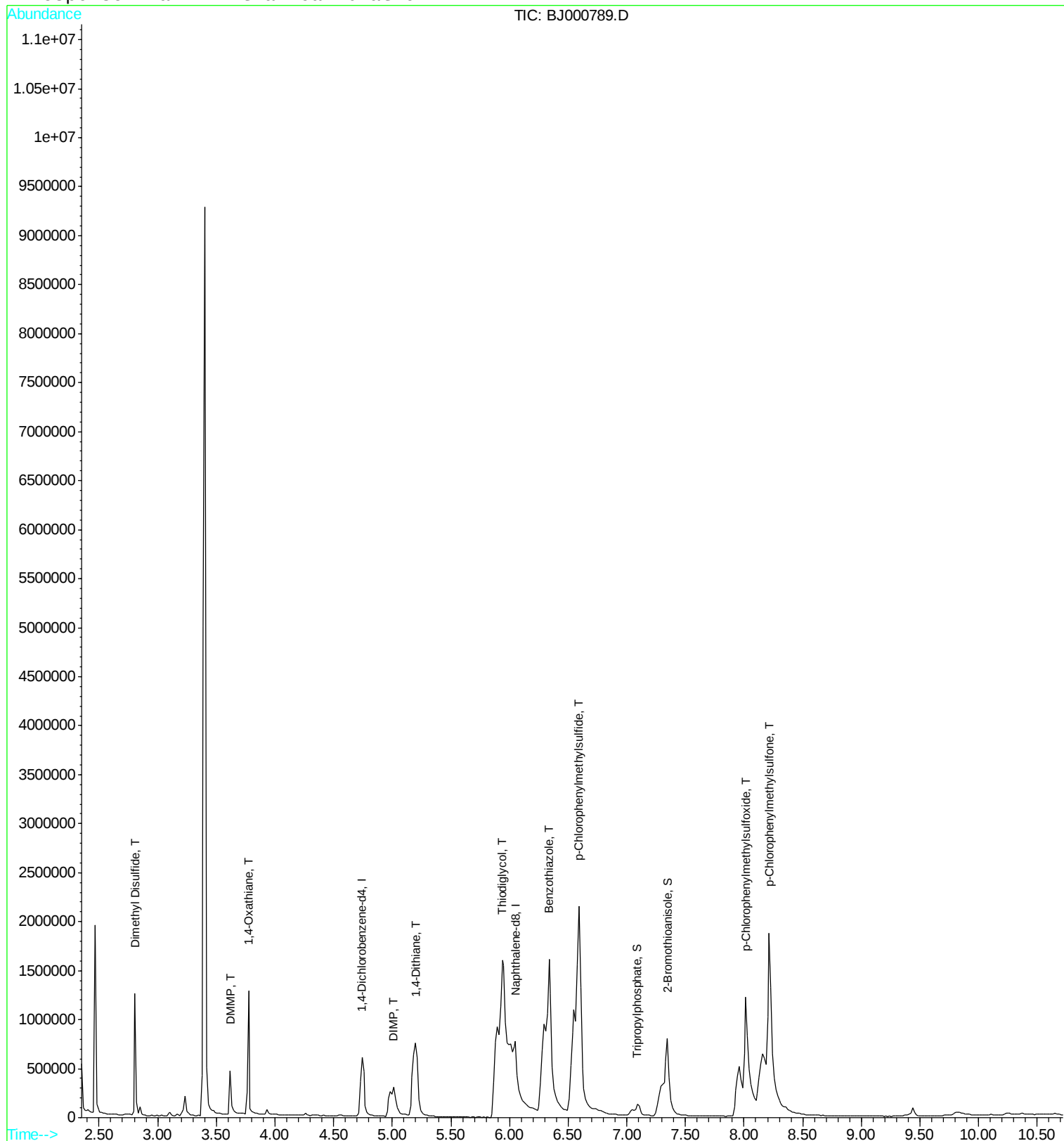
Quant Results File: BJ042612.RES

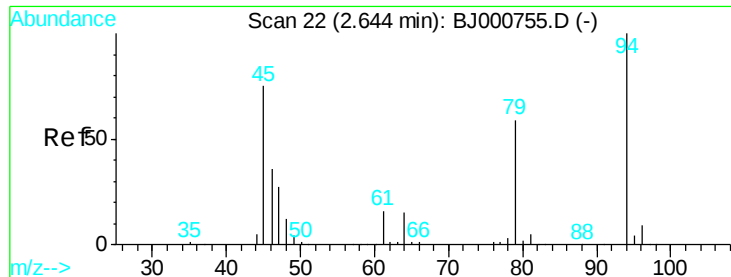
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Apr 27 11:32:02 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 3.70 ug/mL

RT: 2.81 min Scan# 33

Delta R.T. 0.13 min

Lab File: BJ000789.D

Acq: 26 Apr 2012 17:11

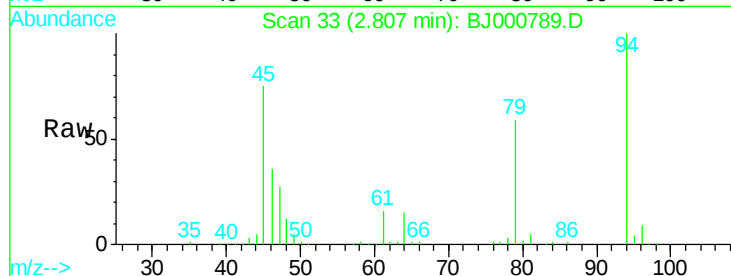
Tgt Ion: 94 Resp: 367760

Ion Ratio Lower Upper

94 100

45 74.6 42.7 82.7

79 59.1 35.3 75.3

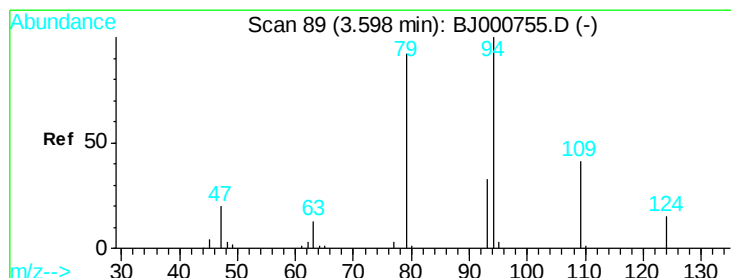
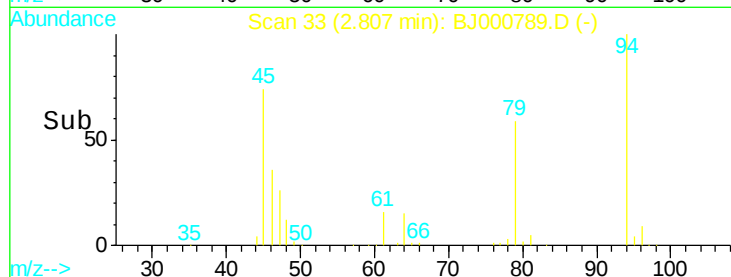
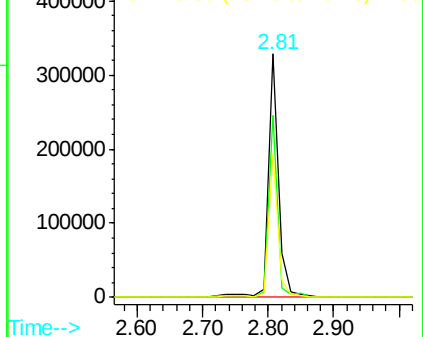


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 1.91 ug/mL

RT: 3.62 min Scan# 90

Delta R.T. 0.01 min

Lab File: BJ000789.D

Acq: 26 Apr 2012 17:11

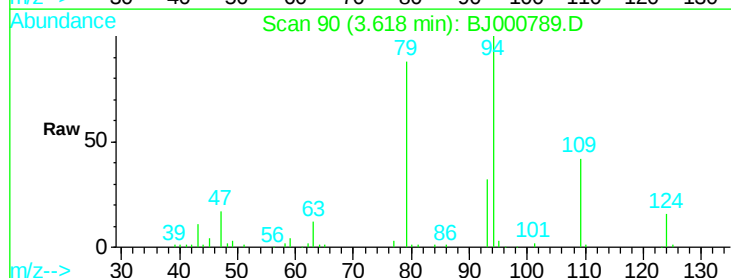
Tgt Ion: 79 Resp: 163523

Ion Ratio Lower Upper

79 100

94 113.6 85.9 125.9

109 47.7 20.8 60.8

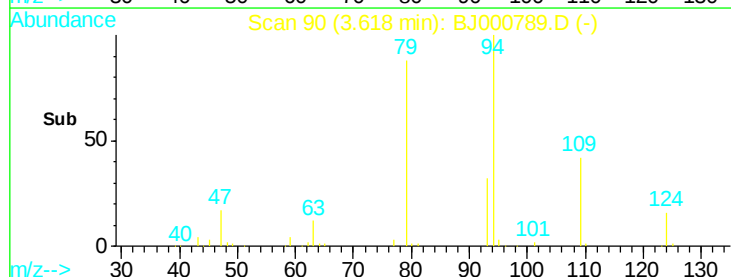
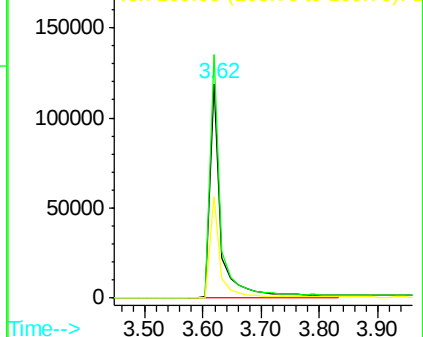


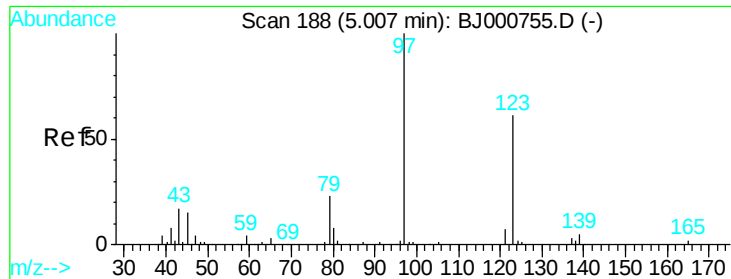
Abundance

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: 1.89 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. -0.01 min

Lab File: BJ000789.D

Acq: 26 Apr 2012 17:11

Tgt Ion: 97 Resp: 448998

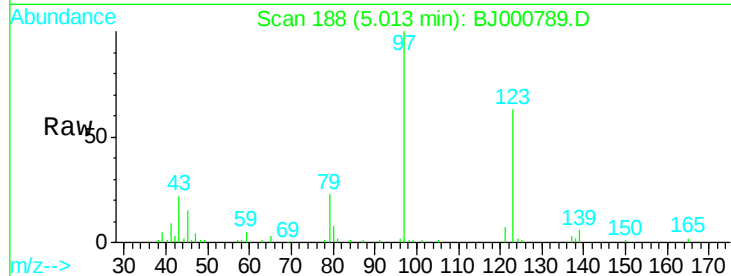
Ion Ratio Lower Upper

97 100

123 63.3 38.9 78.9

43 22.3 0.0 38.8

41 8.7 0.0 29.0



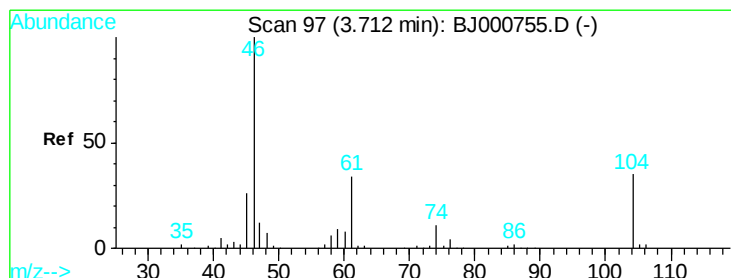
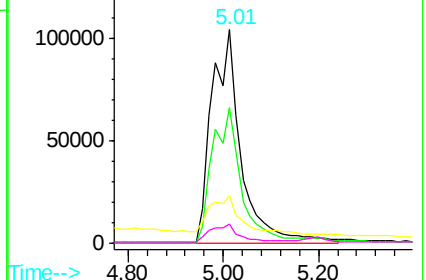
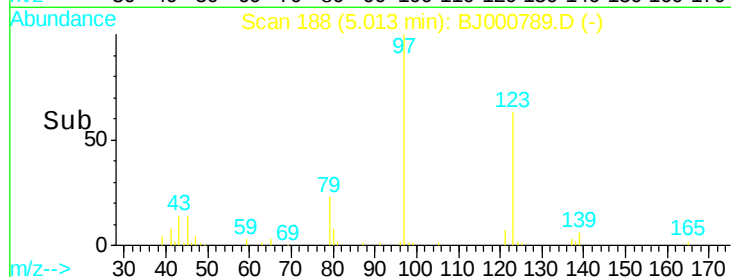
Abundance

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: 3.96 ug/mL

RT: 3.77 min Scan# 101

Delta R.T. 0.03 min

Lab File: BJ000789.D

Acq: 26 Apr 2012 17:11

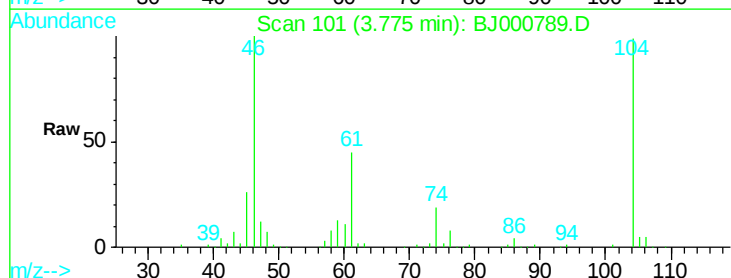
Tgt Ion: 46 Resp: 379088

Ion Ratio Lower Upper

46 100

61 44.6 23.6 63.6

104 98.6 76.3 116.3

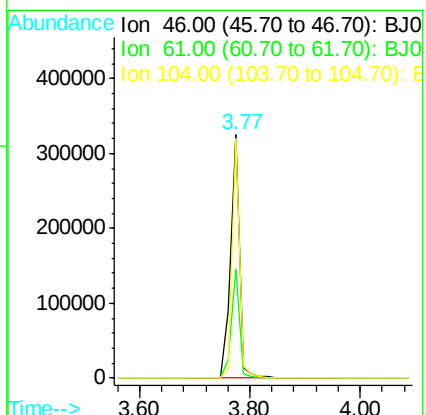
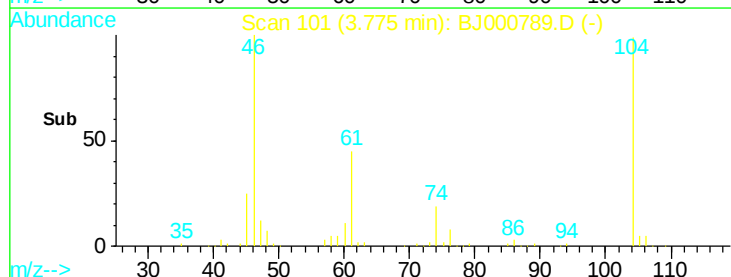


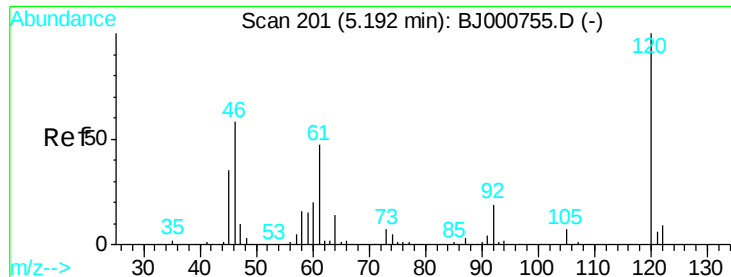
Abundance

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: 4.82 ug/mL

RT: 5.20 min Scan# 201

Delta R.T. -0.01 min

Lab File: BJ000789.D

Acq: 26 Apr 2012 17:11

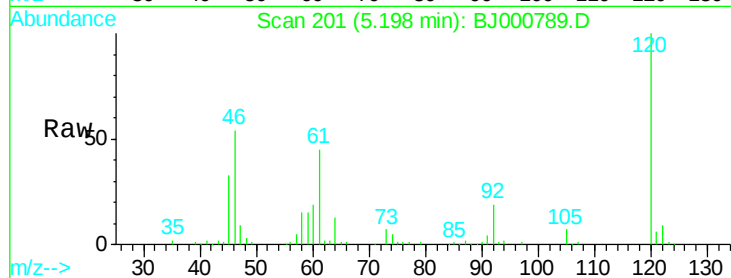
Tgt Ion: 46 Resp: 337144

Ion Ratio Lower Upper

46 100

61 83.3 60.3 100.3

120 185.7 146.0 186.0

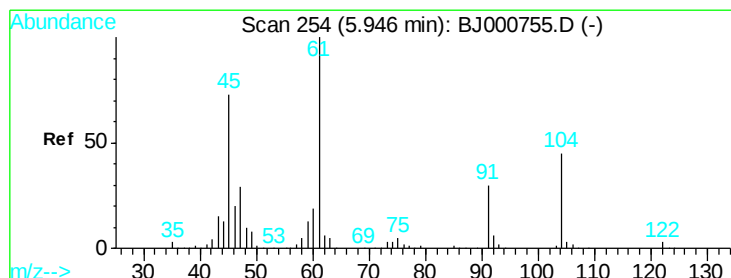
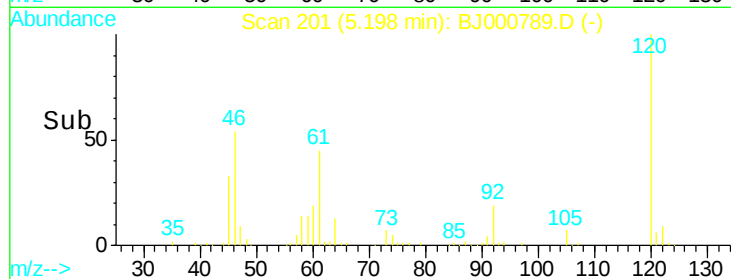
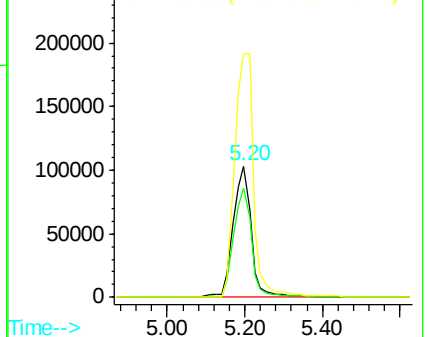


Abundance

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: 33.80 ug/mL

RT: 5.94 min Scan# 253

Delta R.T. -0.04 min

Lab File: BJ000789.D

Acq: 26 Apr 2012 17:11

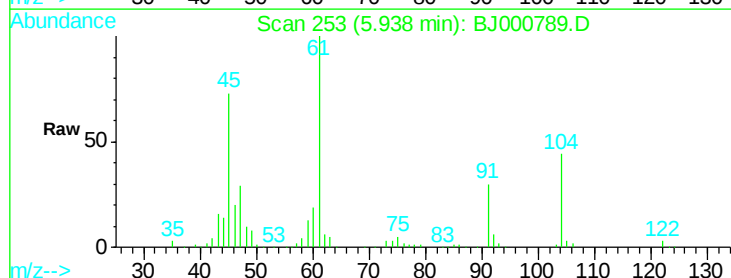
Tgt Ion: 61 Resp: 2357400

Ion Ratio Lower Upper

61 100

45 72.7 50.6 90.6

47 28.8 8.3 48.3

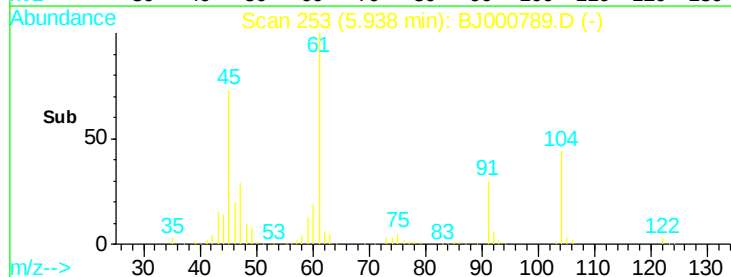
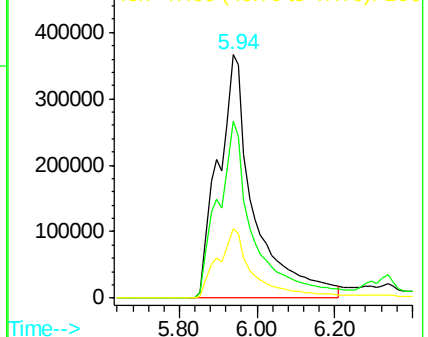


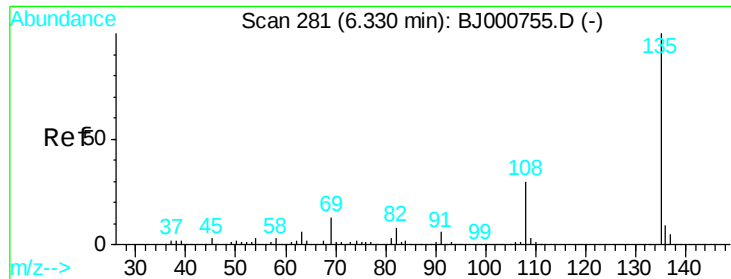
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

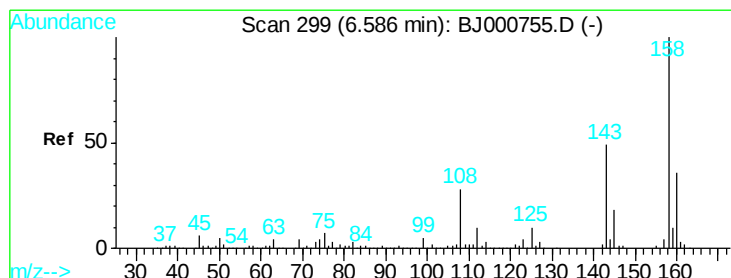
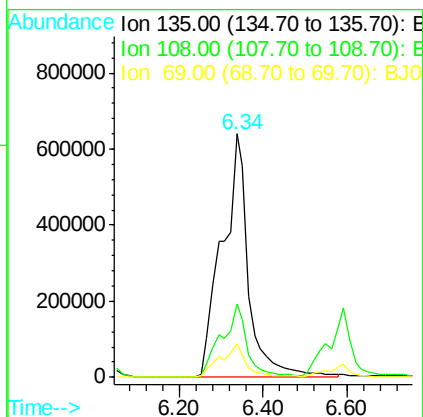
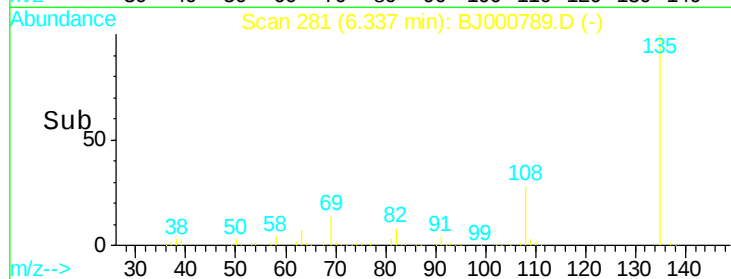
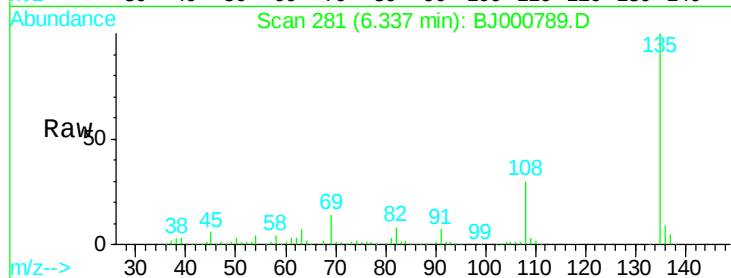
Ion 47.00 (46.70 to 47.70): BJ0





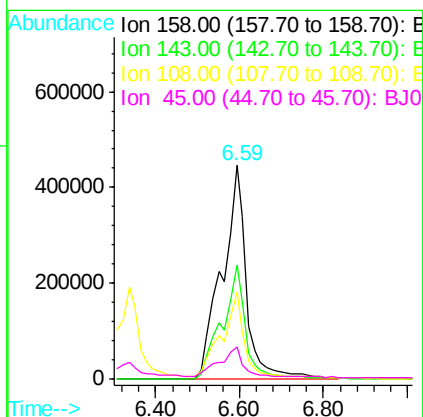
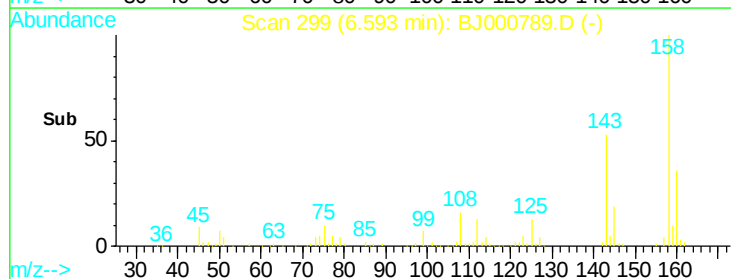
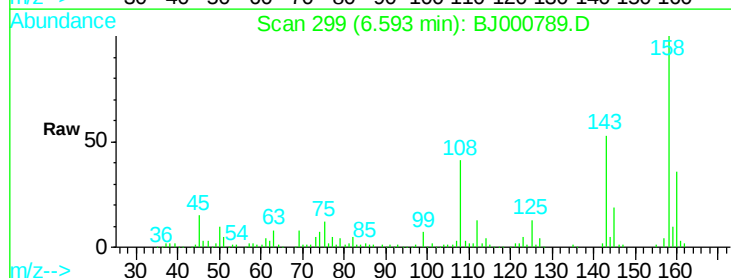
#9
Benzothiazole
Concen: 10.68 ug/mL
RT: 6.34 min Scan# 281
Delta R.T. -0.01 min
Lab File: BJ000789.D
Acq: 26 Apr 2012 17:11

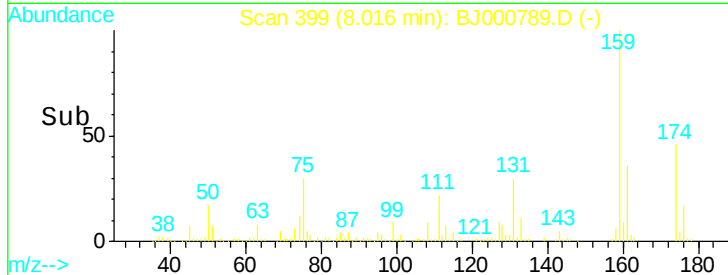
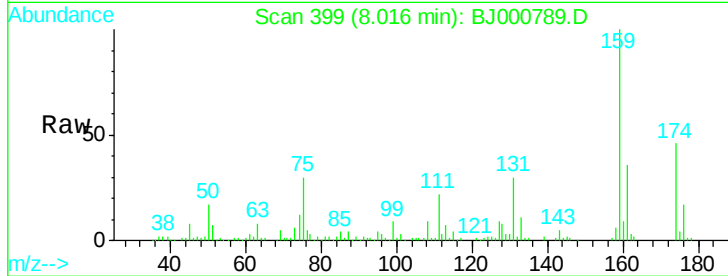
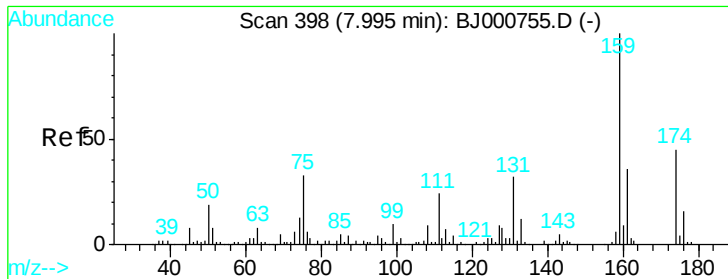
Tgt Ion:135 Resp: 2816808
Ion Ratio Lower Upper
135 100
108 30.3 11.1 51.1
69 14.1 0.0 34.6



#11
p-Chlorophenylmethylsulfide
Concen: 9.96 ug/mL
RT: 6.59 min Scan# 299
Delta R.T. -0.01 min
Lab File: BJ000789.D
Acq: 26 Apr 2012 17:11

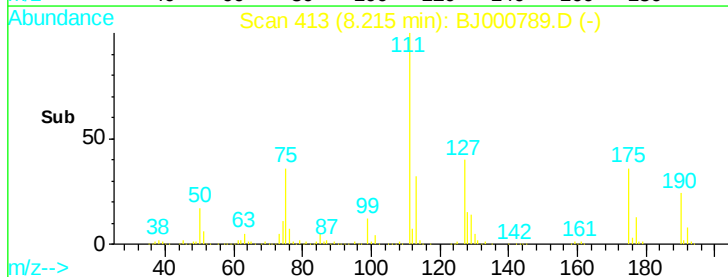
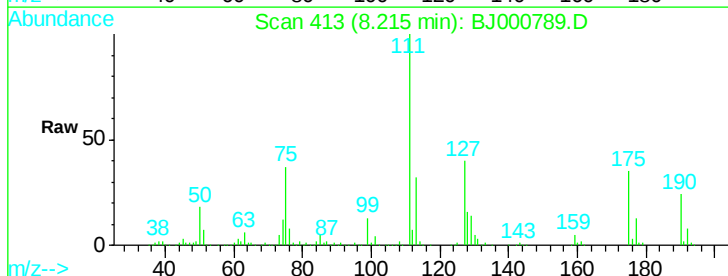
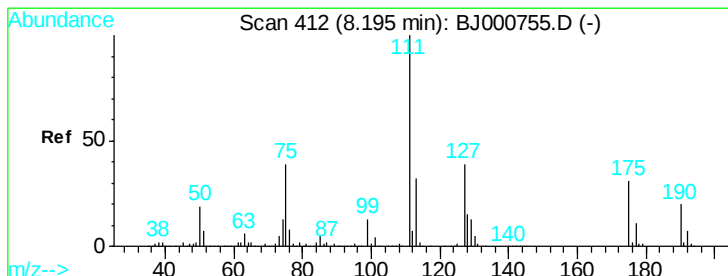
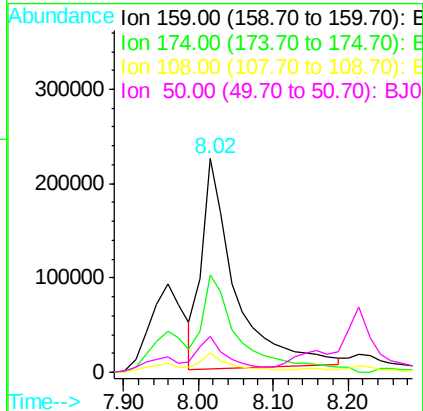
Tgt Ion:158 Resp: 1817624
Ion Ratio Lower Upper
158 100
143 53.3 30.8 70.8
108 40.8 14.1 54.1
45 14.9 0.0 29.1





#13
p-Chlorophenylmethylsulfoxide
Concen: 6.83 ug/mL
RT: 8.02 min Scan# 399
Delta R.T. -0.01 min
Lab File: BJ000789.D
Acq: 26 Apr 2012 17:11

Tgt Ion:	159	Resp:	694981
Ion	Ratio	Lower	Upper
159	100		
174	51.7	28.6	68.6
108	7.7	0.0	28.2
50	12.5	0.0	36.1



#14
p-Chlorophenylmethylsulfone
Concen: 9.57 ug/mL
RT: 8.22 min Scan# 413
Delta R.T. -0.01 min
Lab File: BJ000789.D
Acq: 26 Apr 2012 17:11

Tgt Ion:	111	Resp:	1436052
Ion	Ratio	Lower	Upper
111	100		
75	37.2	12.8	52.8
127	40.0	21.9	61.9
190	23.5	7.7	47.7

