

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001295.D
 Acq On : 27 Nov 2012 14:33
 Operator : HLM
 Sample : CWA-1
 Misc : CWA STD BNA_J HLM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-1

Manual Integrations
 APPROVED

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 12/5/2012 3:23:08 AM

Quant Time: Dec 05 03:15:45 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:34:19 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	270953	2.00	ug/mL	0.00
6) Naphthalene-d8	5.63	136	1192521	2.00	ug/mL	0.01

System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	53253	0.09	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	18.00%#
12) 2-Bromothioanisole	6.91	204	47743	0.48	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	9.60%#

Target Compounds					Qvalue
2) Dimethyl Disulfide	2.33	94	26830	0.21 ug/mL#	30
3) DMMP	3.27	79	7044	0.04 ug/mL	87
4) DIMP	4.62	97	20768	0.07 ug/mL	82
5) 1,4-Oxathiane	3.36	46	35450	0.21 ug/mL#	59
7) 1,4-Dithiane	4.79	46	31661	0.21 ug/mL	94
8) Thiodiglycol	5.69	61	252132m	2.07 ug/mL	
9) Benzothiazole	5.93	135	168369	0.51 ug/mL	97
11) p-Chlorophenylmethyldisulfid	6.17	158	100037	0.48 ug/mL#	89
13) p-Chlorophenylmethyldisulfox	7.61	159	66348	0.47 ug/mL	95
14) p-Chlorophenylmethyldisulfon	7.80	111	94041	0.45 ug/mL	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

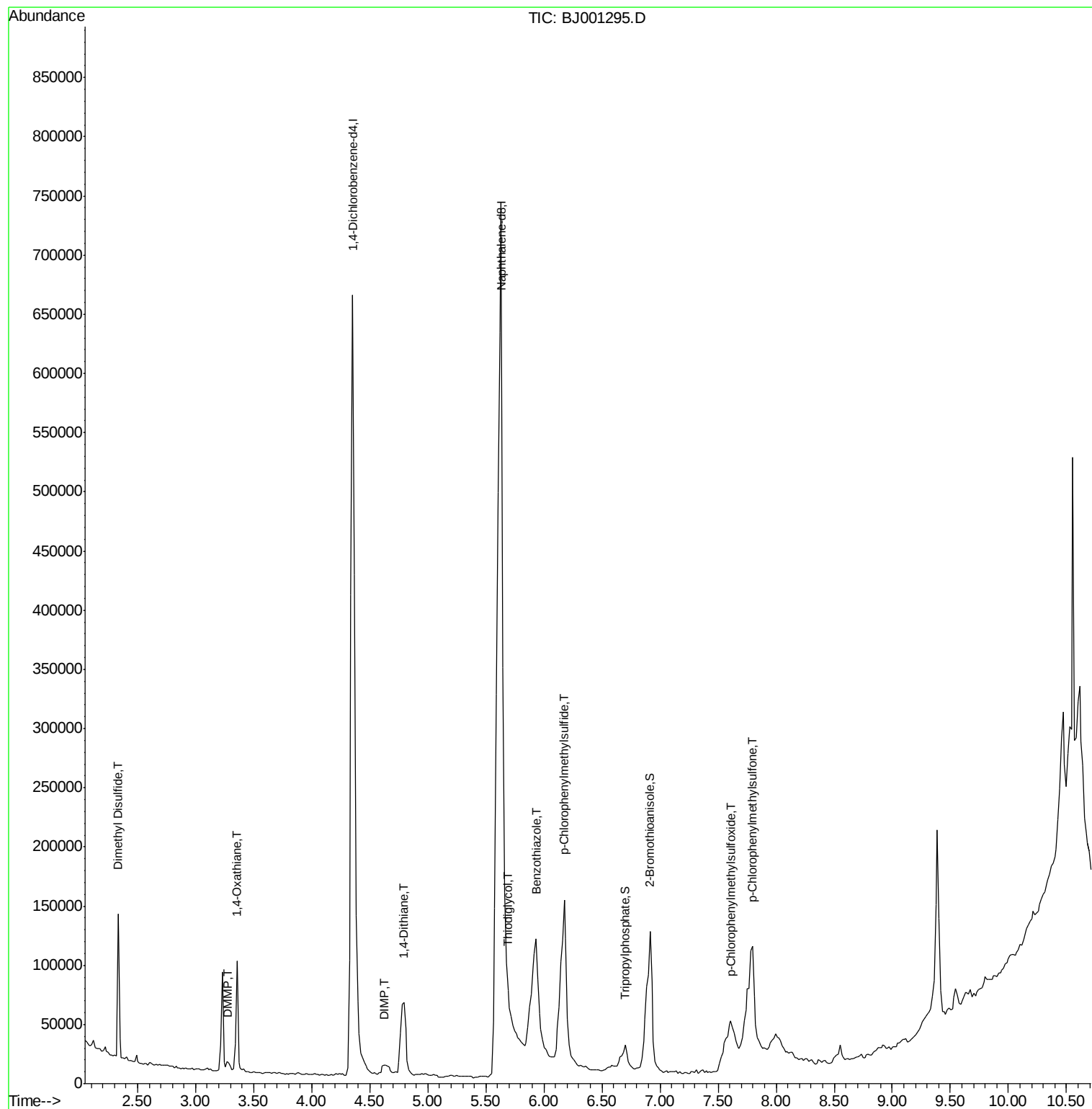
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
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Misc : CWA STD BNA_J HLM
ALS Vial : 7 Sample Multiplier: 1

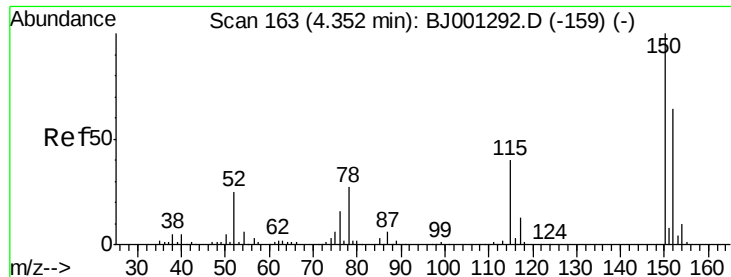
Instrument :
BNA_J
LabSampleId :
CWA-1

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Quant Time: Dec 05 03:15:45 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degradation products by GCMS
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#1

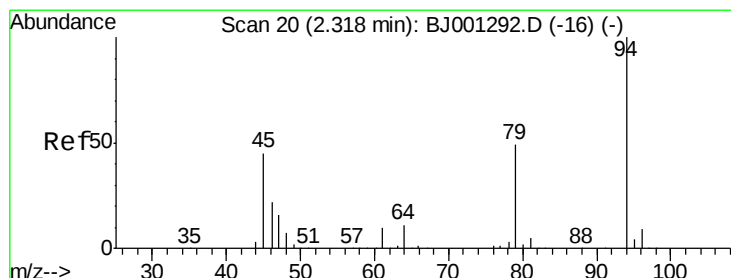
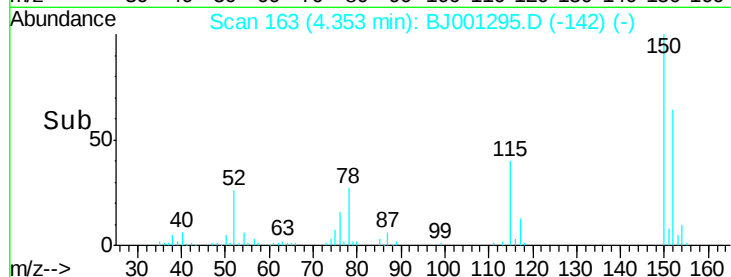
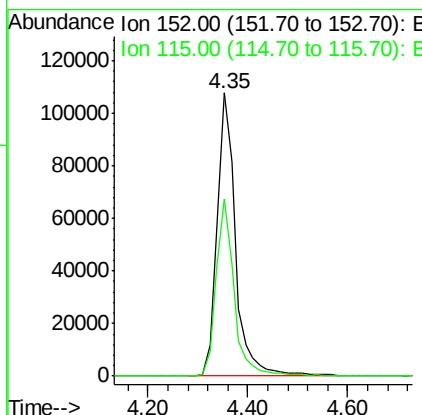
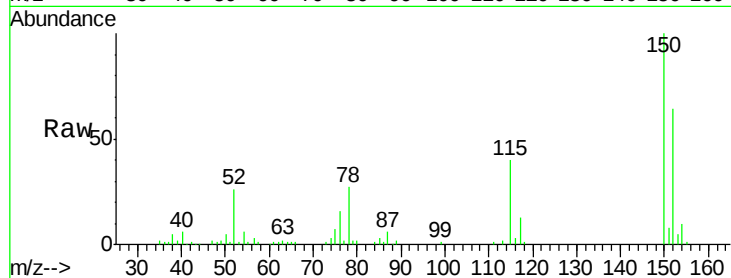
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.35 min Scan# 163
Delta R.T. 0.00 min
Lab File: BJ001295.D
Acq: 27 Nov 2012 14:33

Instrument :
BNA_J
LabSampleId :
CWA-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	270953		
115	62.4	42.9	82.9	

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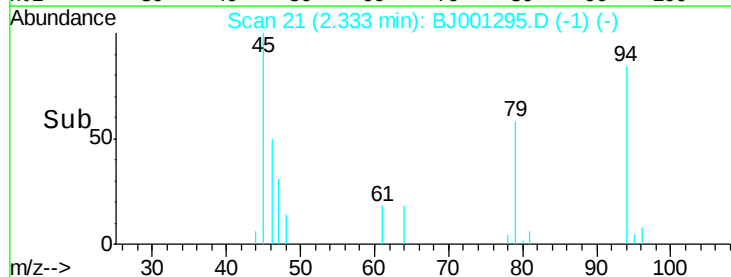
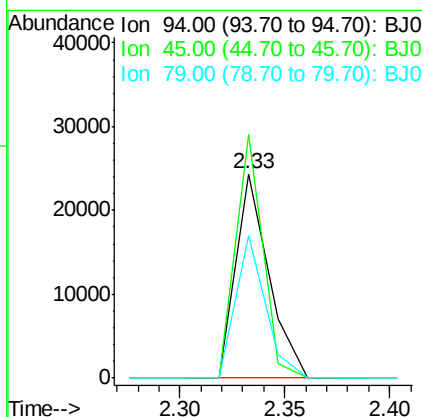
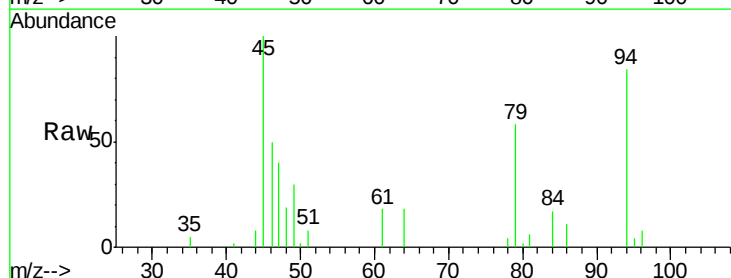
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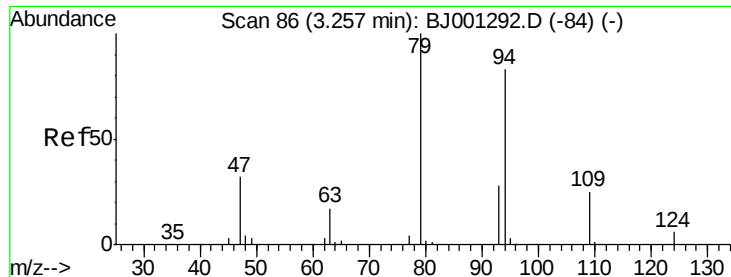


#2

Dimethyl Disulfide
Concen: 0.21 ug/mL
RT: 2.33 min Scan# 21
Delta R.T. 0.01 min
Lab File: BJ001295.D
Acq: 27 Nov 2012 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	26830		
45	119.4	25.1	65.1#	
79	69.8	29.4	69.4#	





#3

DMMP

Concen: 0.04 ug/mL

RT: 3.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

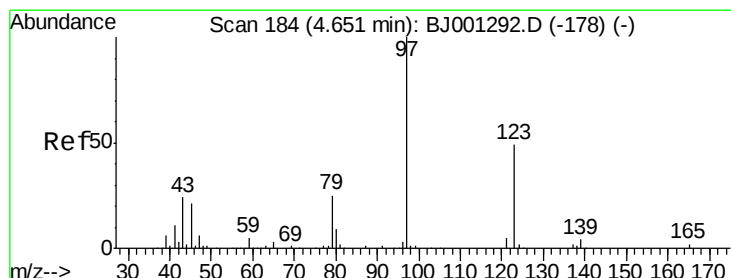
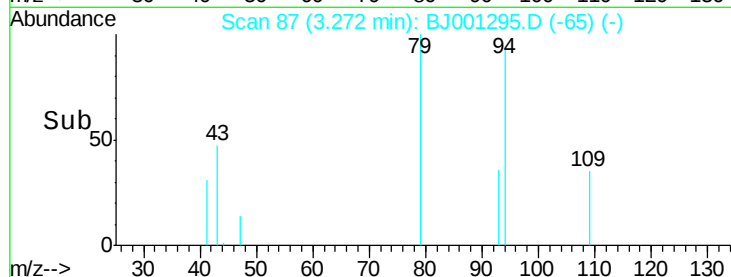
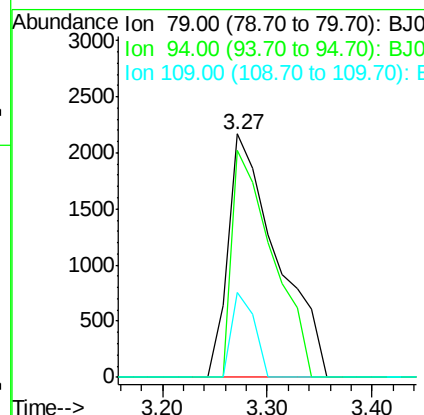
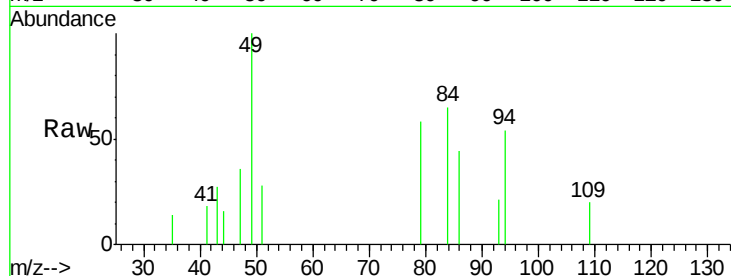
LabSampleId :

CWA-1

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Tgt Ion:	79	Resp:	7044
Ion	Ratio	Lower	Upper
79	100		
94	93.4	63.0	103.0
109	34.9	5.3	45.3



#4

DIMP

Concen: 0.07 ug/mL

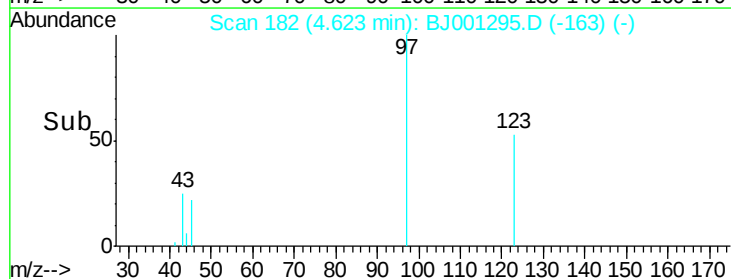
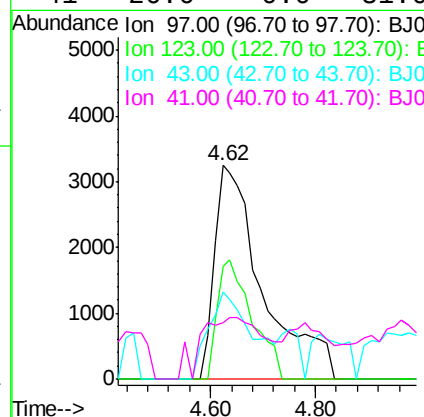
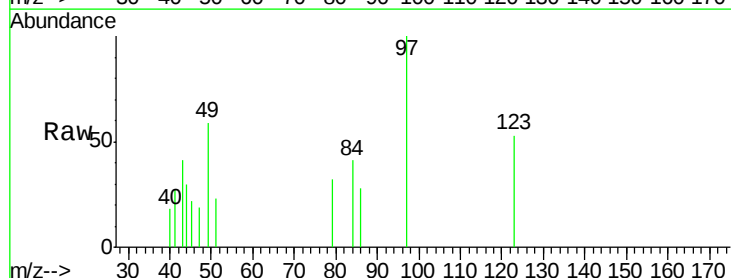
RT: 4.62 min Scan# 182

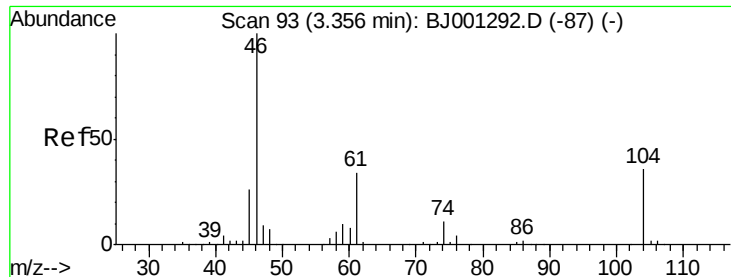
Delta R.T. -0.03 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Tgt Ion:	97	Resp:	20768
Ion	Ratio	Lower	Upper
97	100		
123	53.0	29.2	69.2
43	40.5	4.0	44.0
41	26.6	0.0	31.6





#5

1,4-Oxathiane

Concen: 0.21 ug/mL

RT: 3.36 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

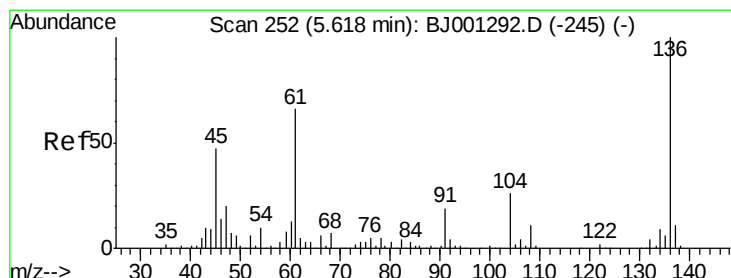
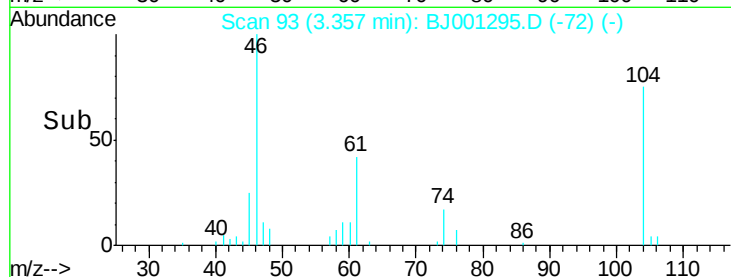
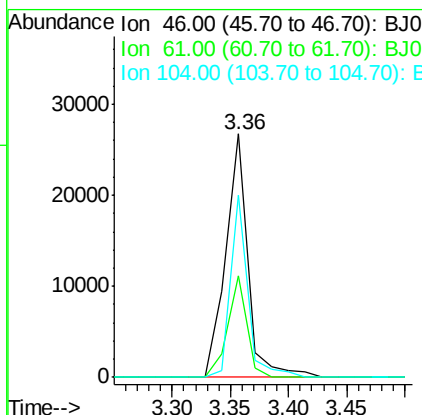
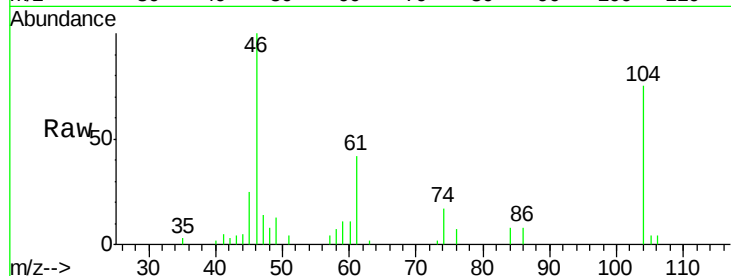
LabSampleId :

CWA-1

Tgt Ion:	46	Resp:	35450
Ion Ratio	Lower	Upper	
46	100		
61	41.6	13.6	53.6
104	75.0	16.0	56.0#

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#6

Naphthalene-d8

Concen: 2.00 ug/mL

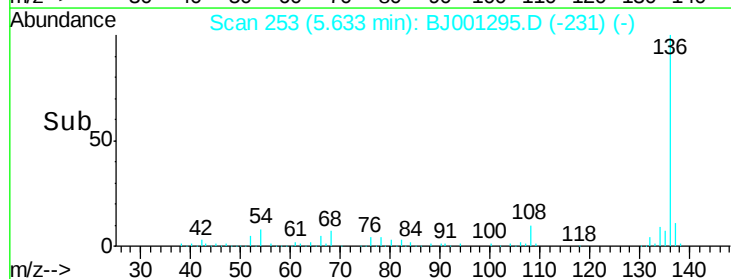
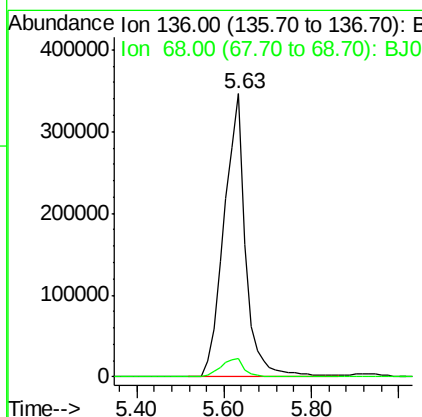
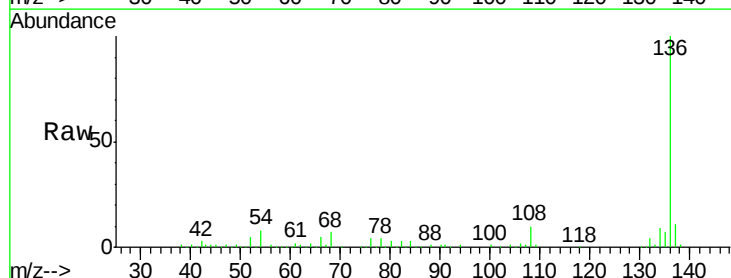
RT: 5.63 min Scan# 253

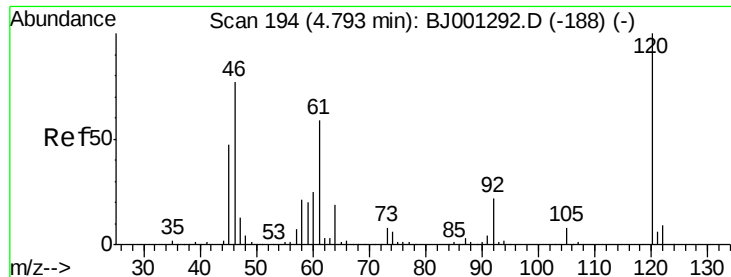
Delta R.T. 0.01 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Tgt Ion:	136	Resp:	1192521
Ion Ratio	Lower	Upper	
136	100		
68	6.7	0.0	26.8





#7

1,4-Dithiane

Concen: 0.21 ug/mL

RT: 4.79 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

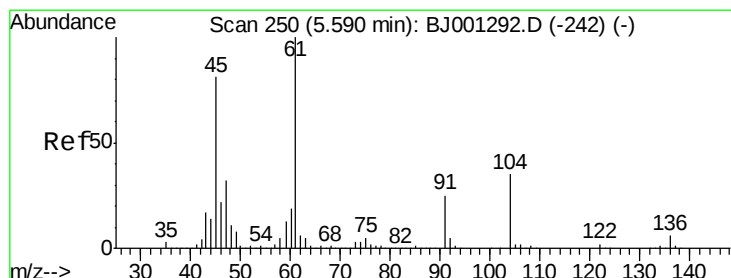
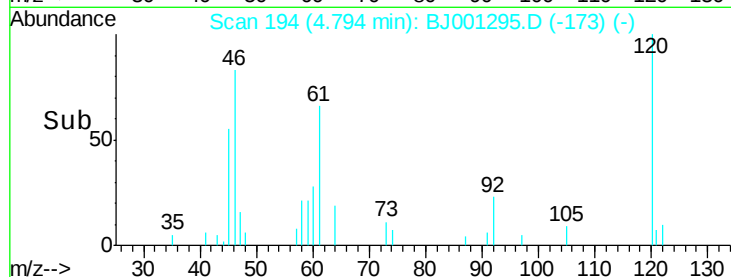
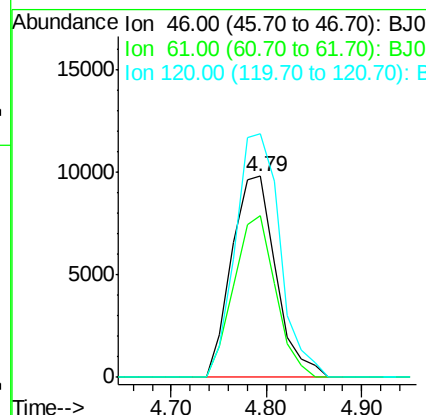
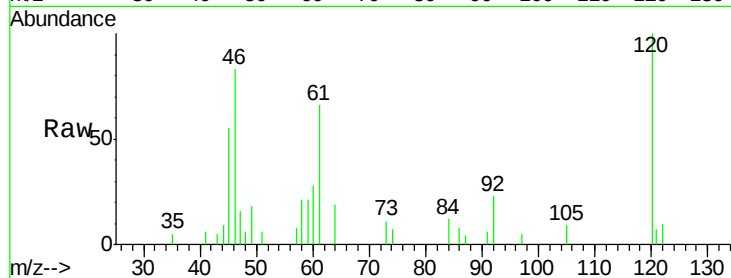
LabSampleId :

CWA-1

Tgt Ion	Ratio	Lower	Upper
46	100		
61	80.4	56.1	96.1
120	121.0	109.1	149.1

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#8

Thiodiglycol

Concen: 2.07 ug/mL m

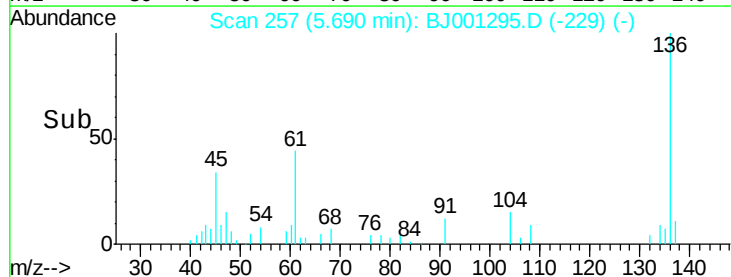
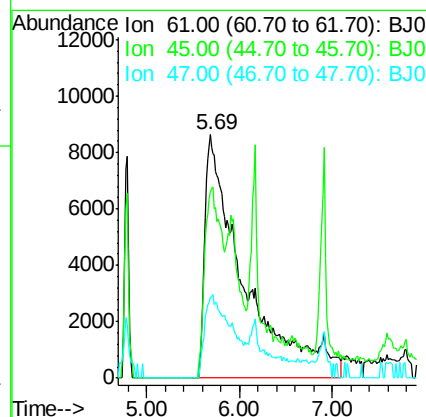
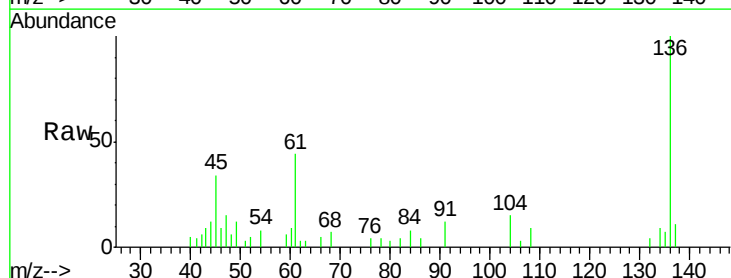
RT: 5.69 min Scan# 257

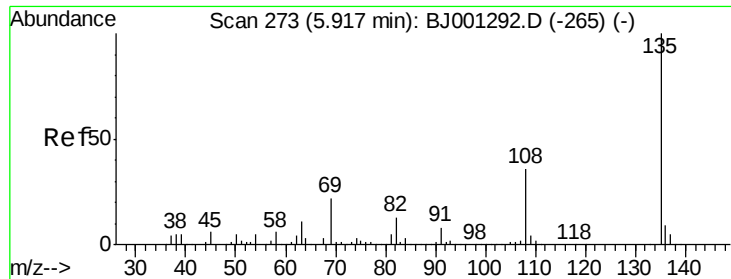
Delta R.T. 0.10 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Tgt Ion	Ratio	Lower	Upper
61	100		
45	76.3	61.0	101.0
47	33.3	12.2	52.2





#9

Benzothiazole

Concen: 0.51 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. 0.01 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

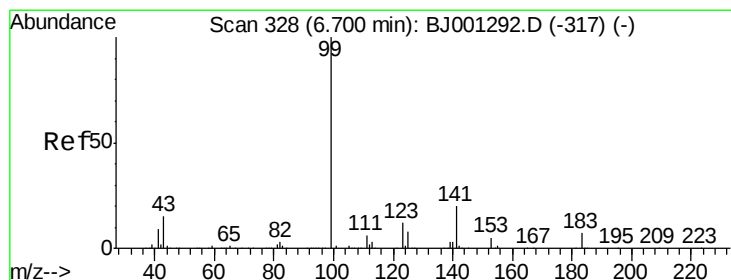
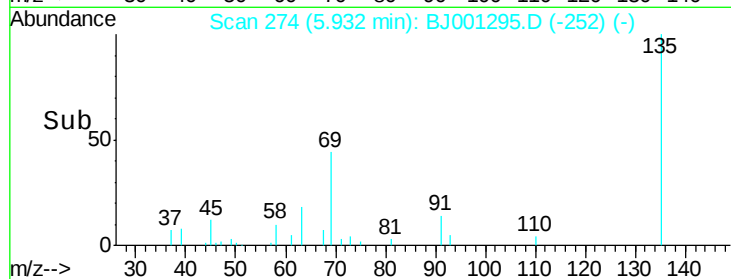
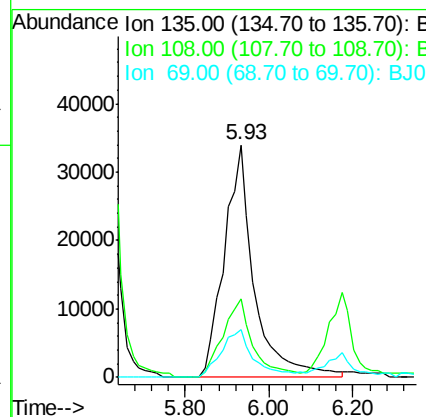
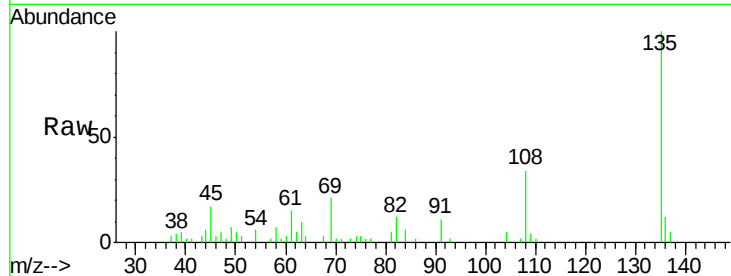
LabSampleId :

CWA-1

Tgt Ion:	135	Resp:	168369
Ion Ratio	Lower	Upper	
135	100		
108	33.7	15.7	55.7
69	20.7	2.2	42.2

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#10

Tripropylphosphate

Concen: 0.09 ug/mL

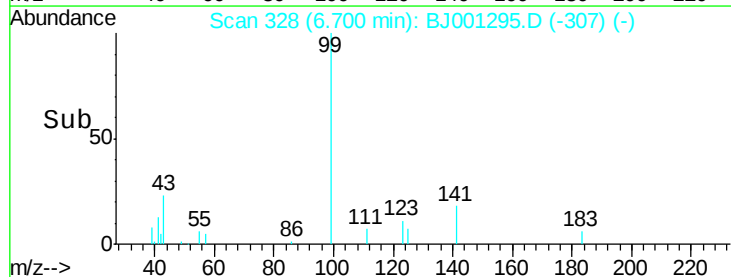
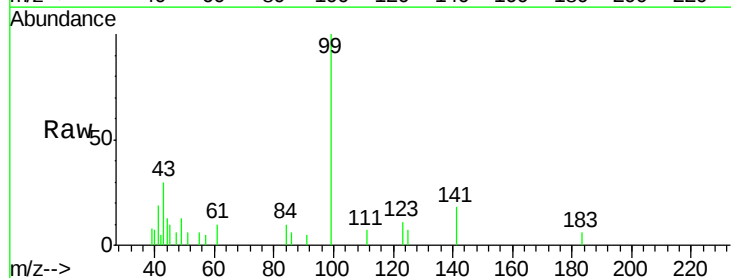
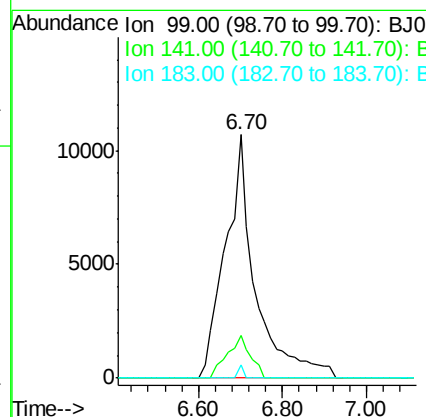
RT: 6.70 min Scan# 328

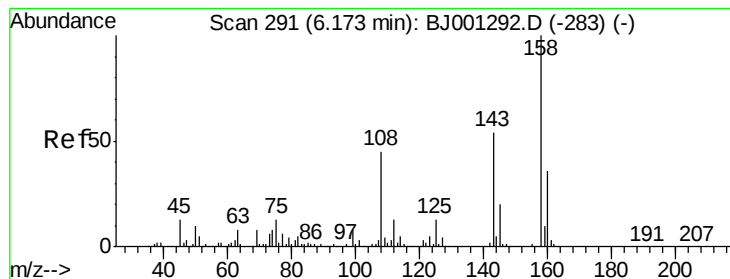
Delta R.T. 0.00 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Tgt Ion:	99	Resp:	53253
Ion Ratio	Lower	Upper	
99	100		
141	13.4	13.5	20.3#
183	0.9	4.3	6.5#





#11

p-Chlorophenylmethylsulfide

Concen: 0.48 ug/mL

RT: 6.17 min Scan# 291

Delta R.T. 0.00 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

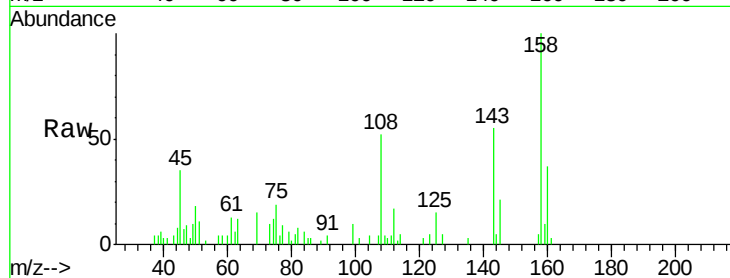
LabSampleId :

CWA-1

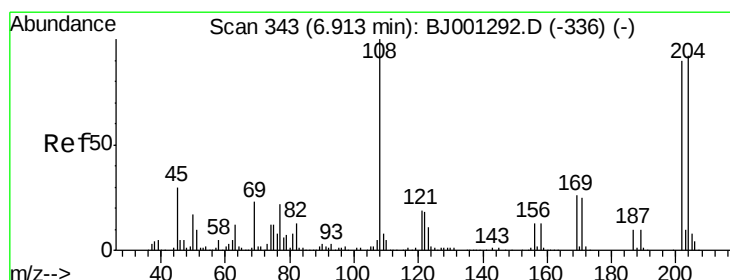
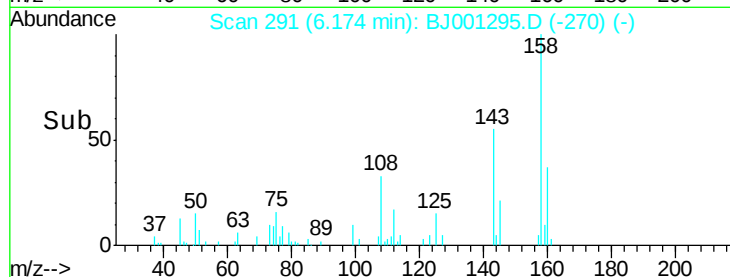
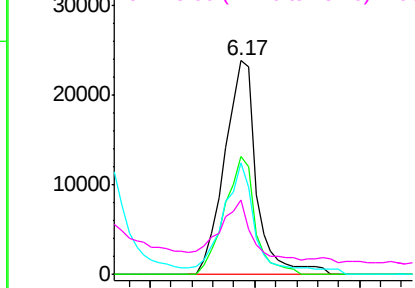
Tgt Ion	Ratio	Resp	Lower	Upper
158	100	100037		
143	55.4	34.4	74.4	
108	52.1	25.3	65.3	
45	34.9	0.0	34.7#	

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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



#12

2-Bromothioanisole

Concen: 0.48 ug/mL

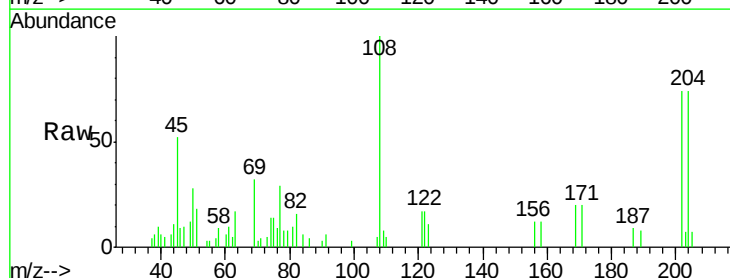
RT: 6.91 min Scan# 343

Delta R.T. 0.00 min

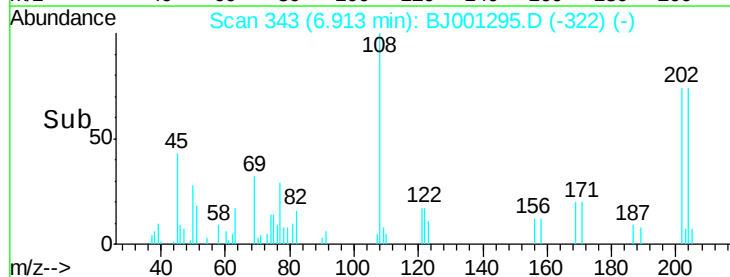
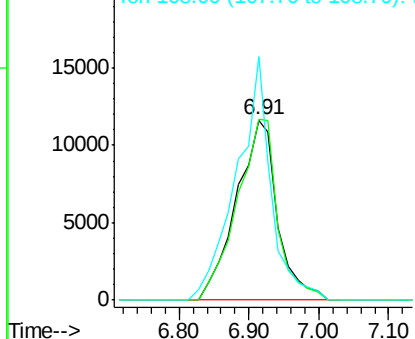
Lab File: BJ001295.D

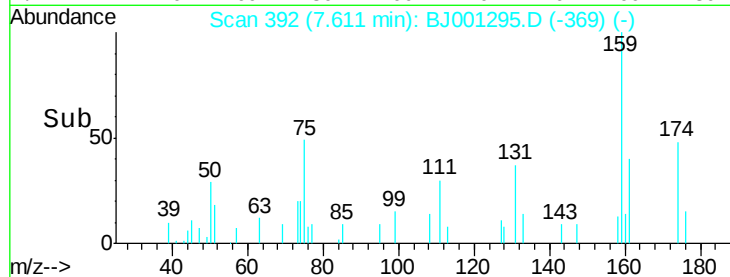
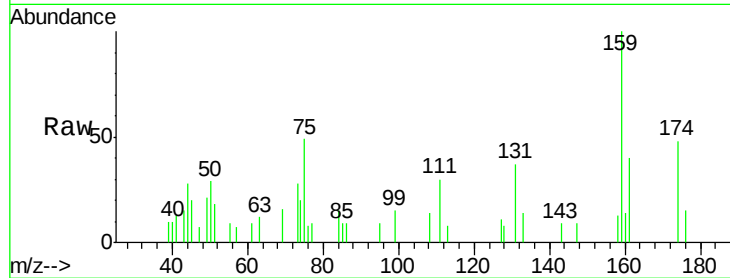
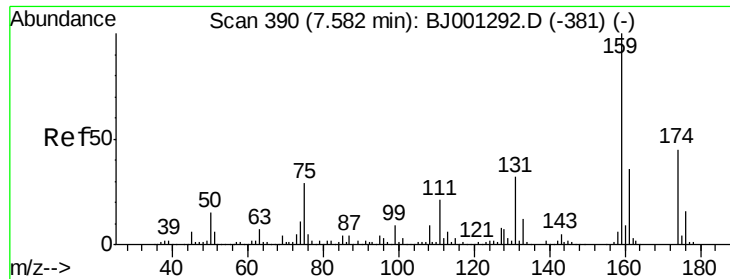
Acq: 27 Nov 2012 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	47743		
202	100.6	77.8	117.8	
108	135.2	88.3	128.3#	



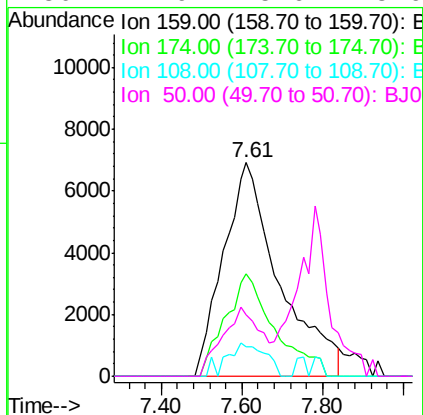
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 202.00 (201.70 to 202.70): E
Ion 108.00 (107.70 to 108.70): E





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.47 ug/mL
RT: 7.61 min Scan# 392
Delta R.T. 0.03 min
Lab File: BJ001295.D
Acq: 27 Nov 2012 14:33

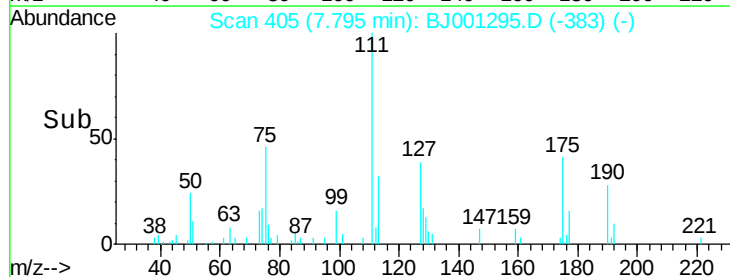
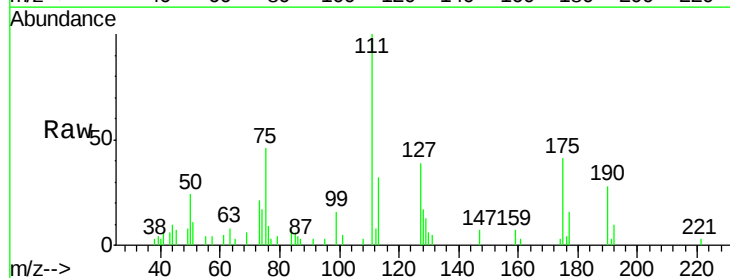
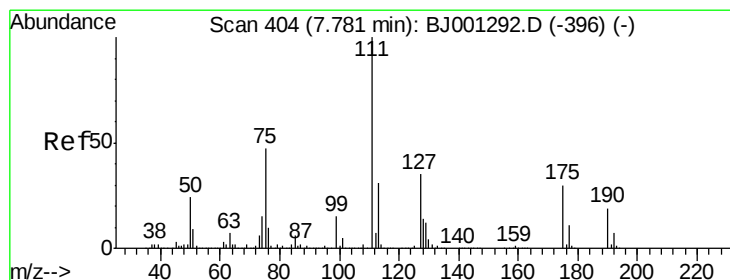
Tgt Ion	Ratio	Resp	Lower	Upper
159	100	66348		
174	42.4	25.2	65.2	
108	10.8	0.0	30.3	
50	21.9	5.6	45.6	



Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 0.45 ug/mL
RT: 7.80 min Scan# 405
Delta R.T. 0.02 min
Lab File: BJ001295.D
Acq: 27 Nov 2012 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
111	100	94041		
75	45.8	27.5	67.5	
127	39.4	15.3	55.3	
190	27.9	0.0	38.6	

