

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001296.D
 Acq On : 27 Nov 2012 14:50
 Operator : HLM
 Sample : CWA-ICV
 Misc : CWA STD BNA_J HLM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CWA-ICV

Manual Integrations
 APPROVED

AHPatel
 12/5/2012 3:23:10 AM

Quant Time: Dec 05 03:15:52 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:51:27 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	293139	2.00	ug/mL	0.00
6) Naphthalene-d8	5.63	136	1253886	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	0.00	99	0	0.00	ug/mL	
Spiked Amount	0.500	Range	70 - 130	Recovery	=	0.00%#
12) 2-Bromothioanisole	0.00	204	0	0.00	ug/mL	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dimethyl Disulfide	2.43	94	131379	0.93	ug/mL#	25
3) DMMP	3.27	79	105557	0.70	ug/mL	81
4) DIMP	4.64	97	144764m	0.43	ug/mL	
5) 1,4-Oxathiane	3.39	46	205215	1.16	ug/mL#	71
7) 1,4-Dithiane	4.78	46	176824	1.16	ug/mL#	88
8) Thiodiglycol	5.56	61	1379260m	10.72	ug/mL	
9) Benzothiazole	5.92	135	856342	2.44	ug/mL	99
11) p-Chlorophenylmethyldisulfid	6.17	158	540918	2.47	ug/mL	96
13) p-Chlorophenylmethyldisulfox	7.60	159	389933	2.63	ug/mL	97
14) p-Chlorophenylmethyldisulfon	7.78	111	527171	2.45	ug/mL	97

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

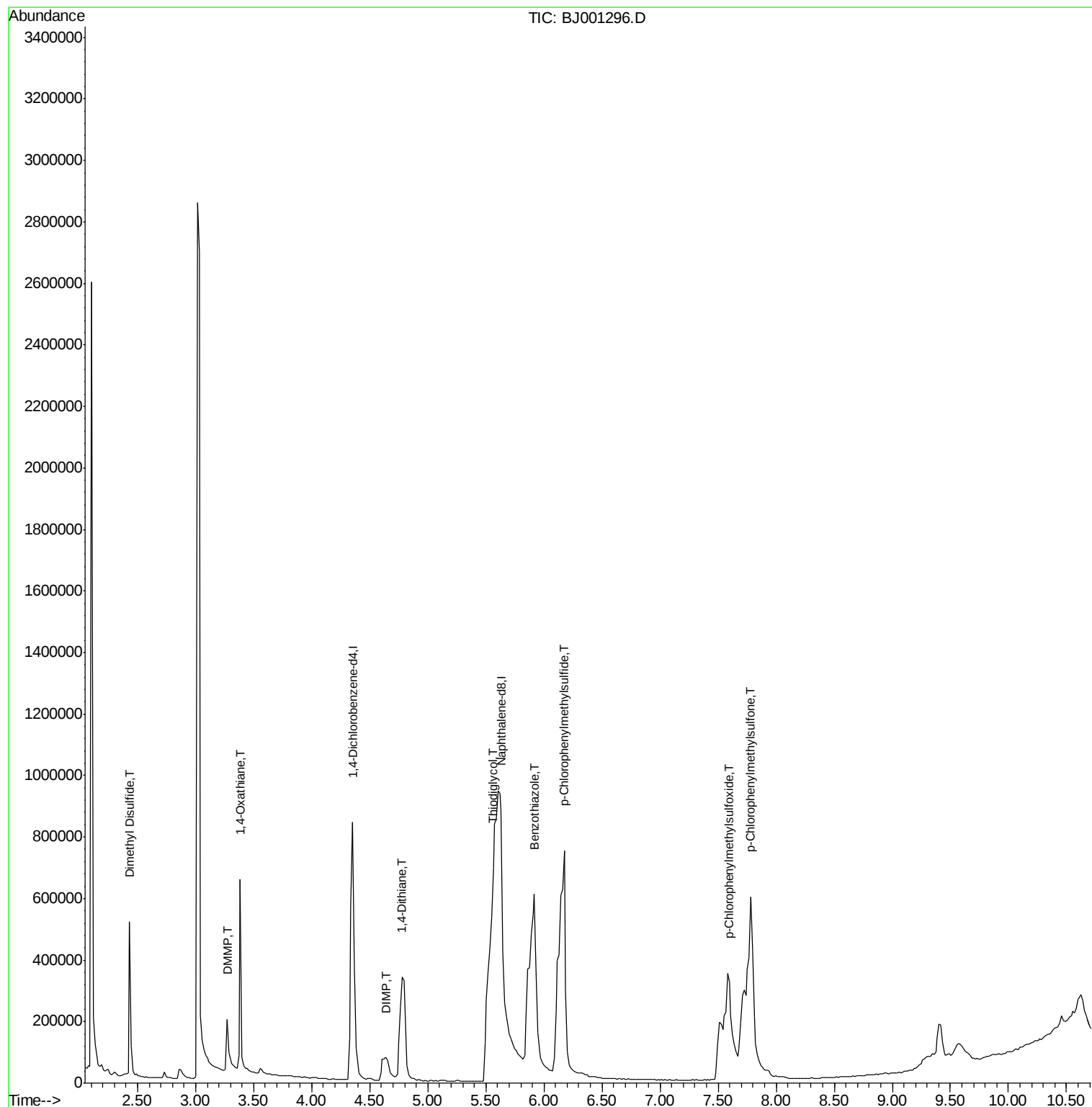
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
Data File : BJ001296.D
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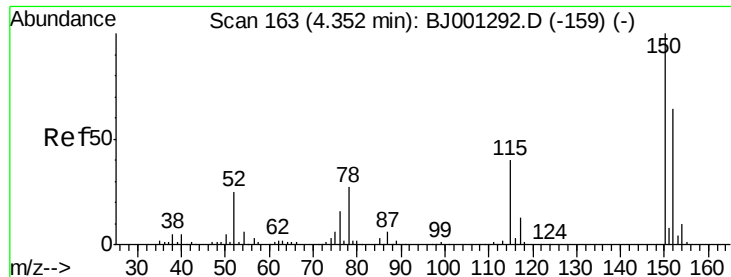
Instrument :
BNA_J
ClientSampleId :
CWA-ICV

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12/5/2012 3:23:10 AM

Quant Time: Dec 05 03:15:52 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degradation products by GCMS
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Response via : Initial Calibration





#1

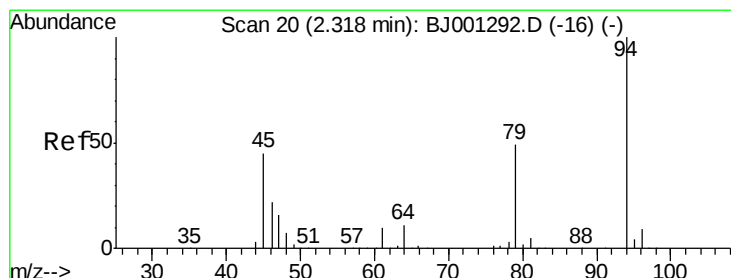
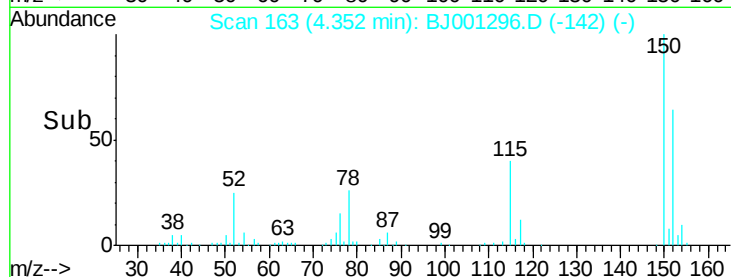
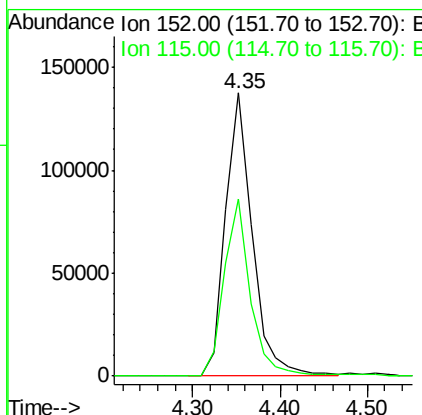
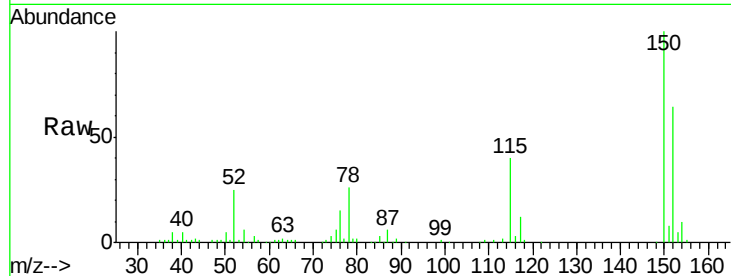
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.35 min Scan# 163
Delta R.T. 0.00 min
Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Instrument :
BNA_J
ClientSampleId :
CWA-ICV

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	293139		
115	62.8	42.9	82.9	

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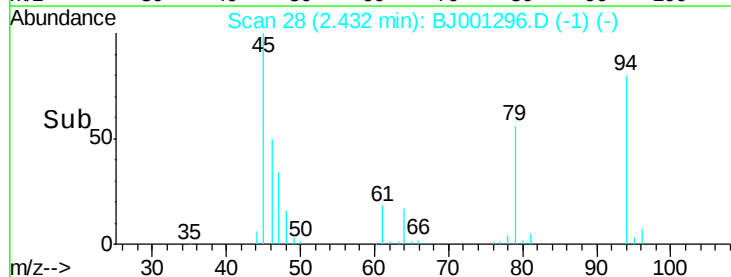
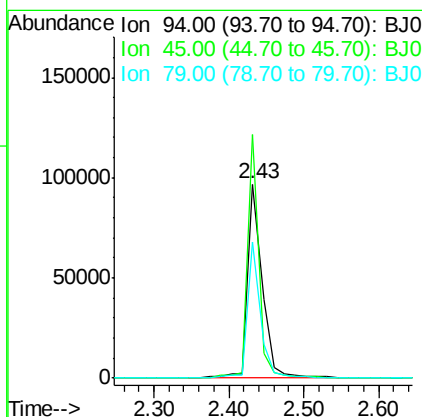
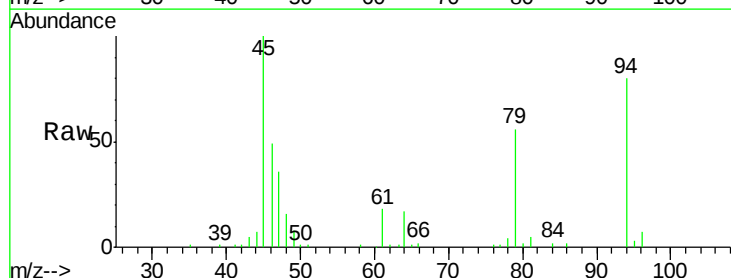
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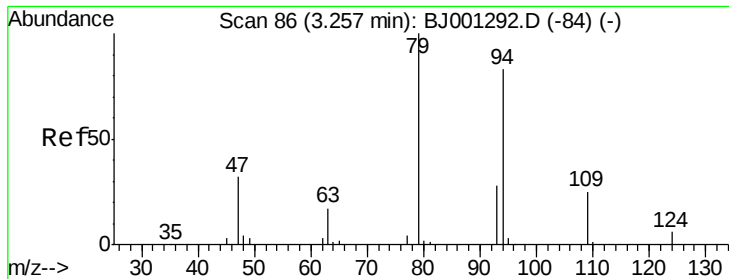


#2

Dimethyl Disulfide
Concen: 0.93 ug/mL
RT: 2.43 min Scan# 28
Delta R.T. 0.11 min
Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	131379		
45	125.7	25.1	65.1#	
79	70.6	29.4	69.4#	





#3

DMMP

Concen: 0.70 ug/mL

RT: 3.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001296.D

Acq: 27 Nov 2012 14:50

Instrument :

BNA_J

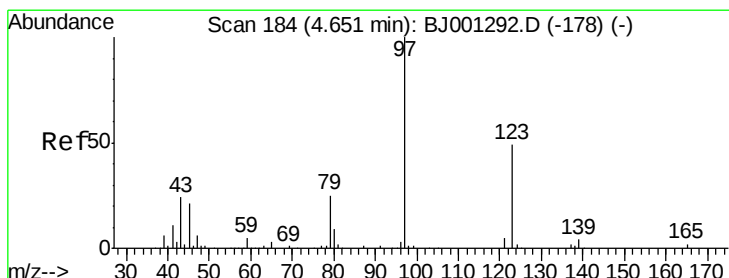
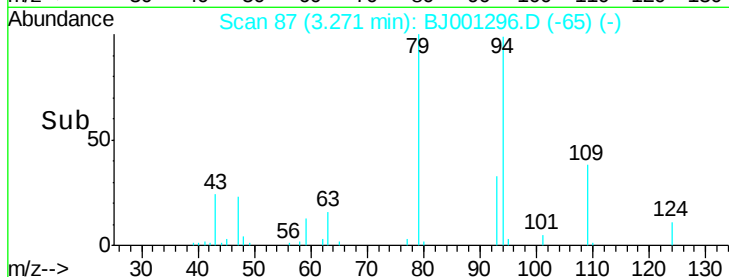
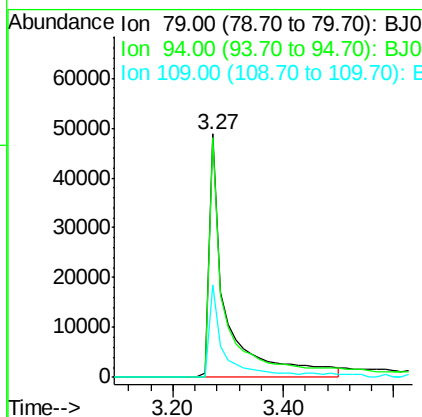
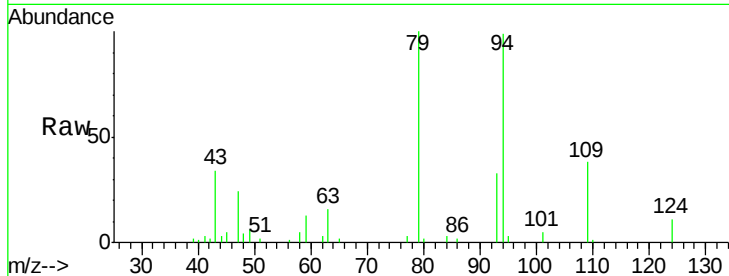
ClientSampleId :

CWA-ICV

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Tgt Ion:	79	Resp:	105557
Ion Ratio	Lower	Upper	
79	100		
94	98.5	63.0	103.0
109	38.2	5.3	45.3



#4

DIMP

Concen: 0.43 ug/mL m

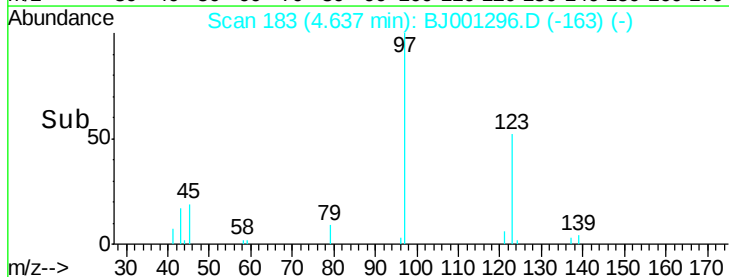
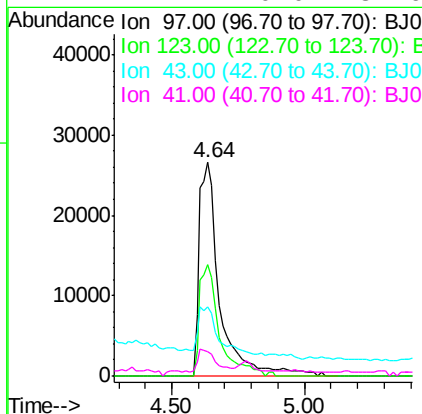
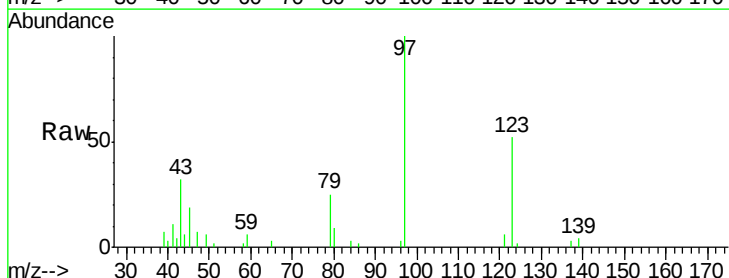
RT: 4.64 min Scan# 183

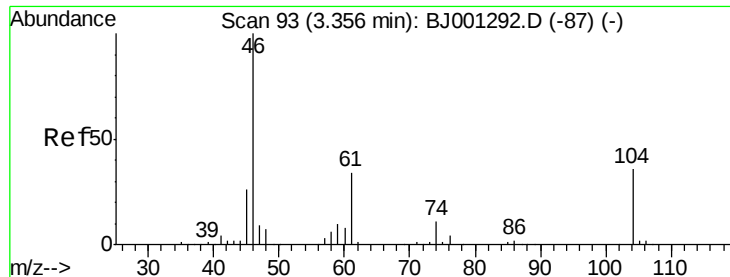
Delta R.T. -0.01 min

Lab File: BJ001296.D

Acq: 27 Nov 2012 14:50

Tgt Ion:	97	Resp:	144764
Ion Ratio	Lower	Upper	
97	100		
123	51.9	29.2	69.2
43	32.1	4.0	44.0
41	11.2	0.0	31.6





#5

1,4-Oxathiane

Concen: 1.16 ug/mL

RT: 3.39 min Scan# 95

Delta R.T. 0.03 min

Lab File: BJ001296.D

Acq: 27 Nov 2012 14:50

Instrument :

BNA_J

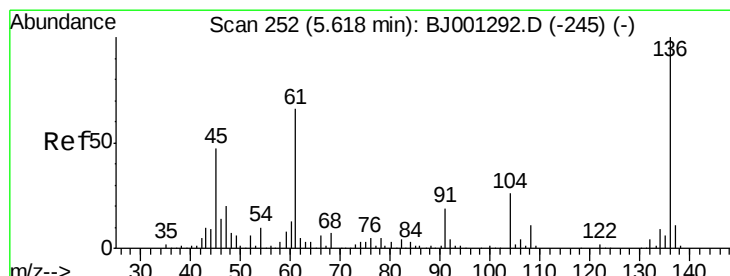
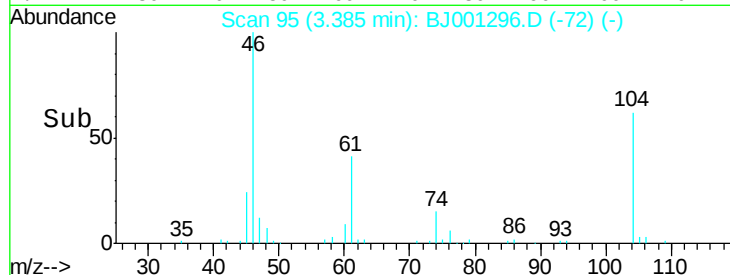
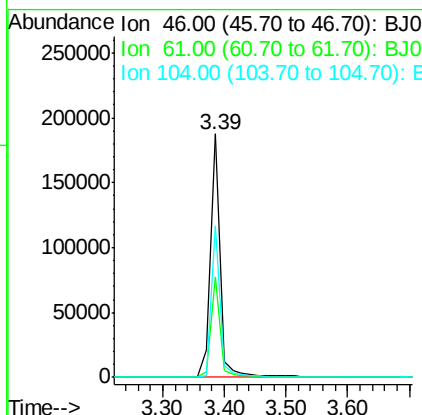
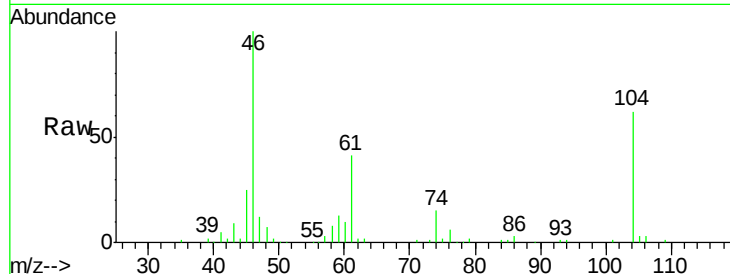
ClientSampled :

CWA-ICV

Tgt Ion:	46	Resp:	205215
Ion Ratio	Lower	Upper	
46	100		
61	41.0	13.6	53.6
104	62.0	16.0	56.0#

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#6

Naphthalene-d8

Concen: 2.00 ug/mL

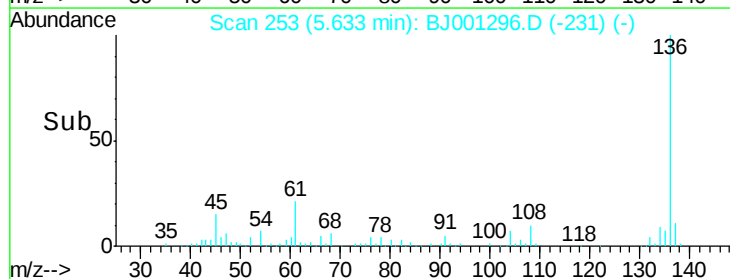
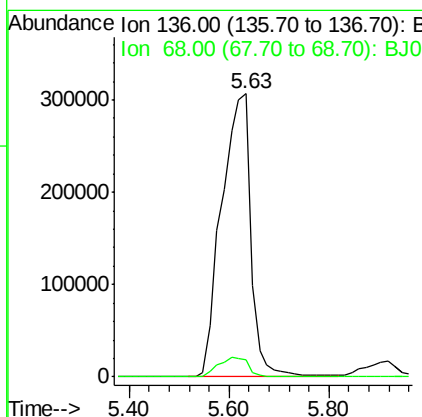
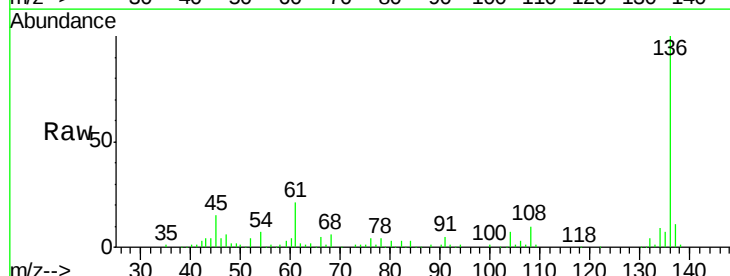
RT: 5.63 min Scan# 253

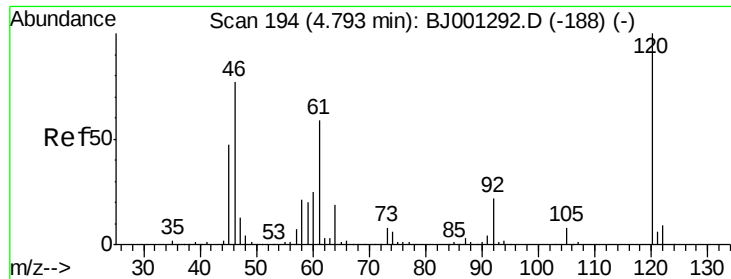
Delta R.T. 0.01 min

Lab File: BJ001296.D

Acq: 27 Nov 2012 14:50

Tgt Ion:	136	Resp:	1253886
Ion Ratio	Lower	Upper	
136	100		
68	6.2	0.0	26.8





#7

1,4-Dithiane

Concen: 1.16 ug/mL

RT: 4.78 min Scan# 193

Delta R.T. -0.01 min

Lab File: BJ001296.D

Acq: 27 Nov 2012 14:50

Instrument :

BNA_J

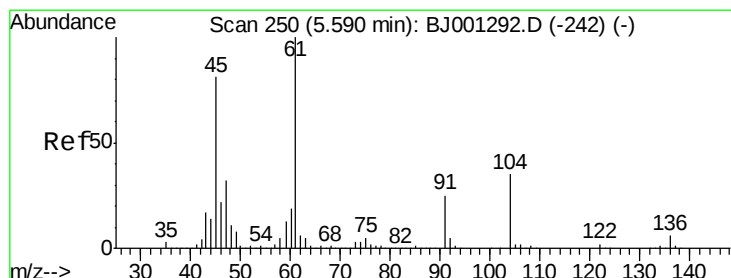
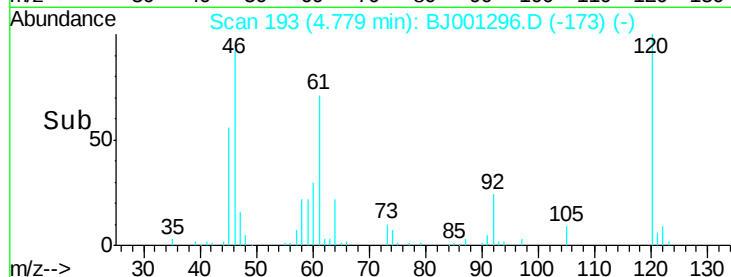
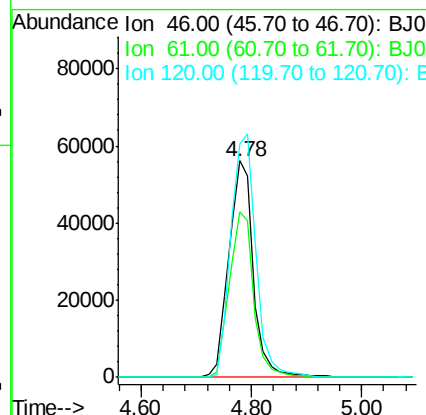
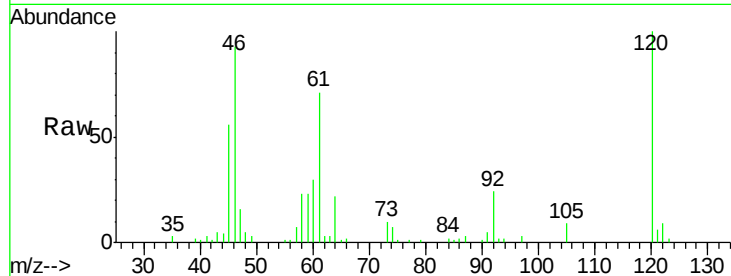
ClientSampleId :

CWA-ICV

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Tgt Ion	Ratio	Lower	Upper
46	100		
61	76.2	56.1	96.1
120	107.7	109.1	149.1



#8

Thiodiglycol

Concen: 10.72 ug/mL m

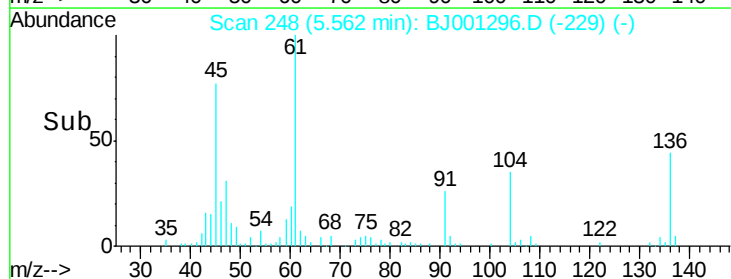
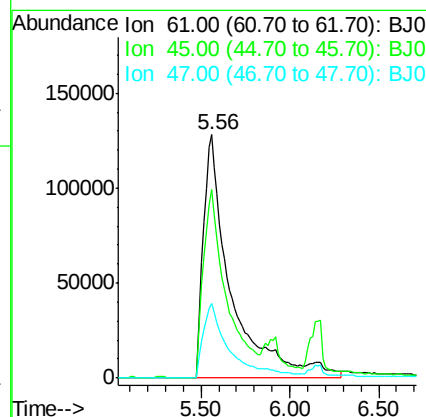
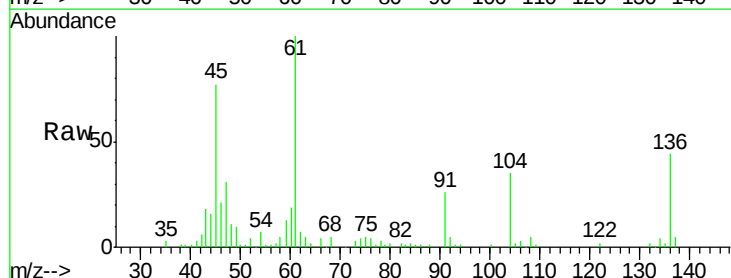
RT: 5.56 min Scan# 248

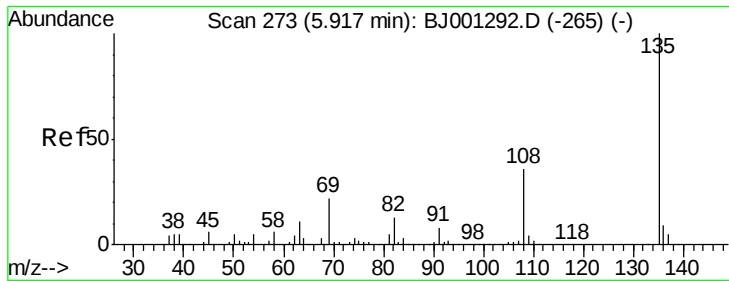
Delta R.T. -0.03 min

Lab File: BJ001296.D

Acq: 27 Nov 2012 14:50

Tgt Ion	Ratio	Lower	Upper
61	100		
45	77.4	61.0	101.0
47	30.9	12.2	52.2





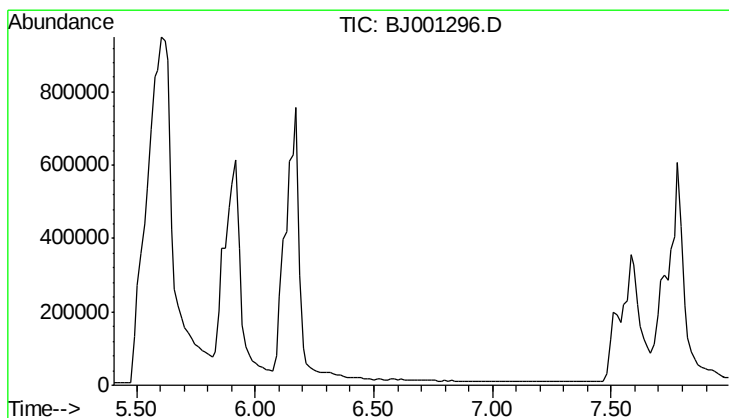
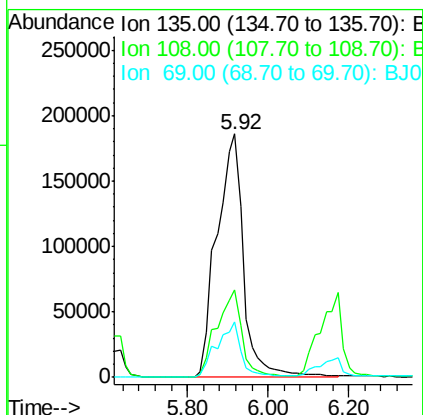
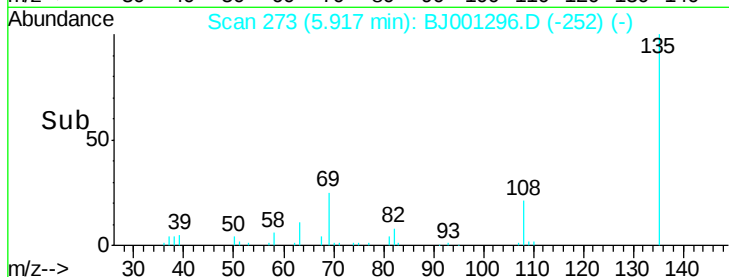
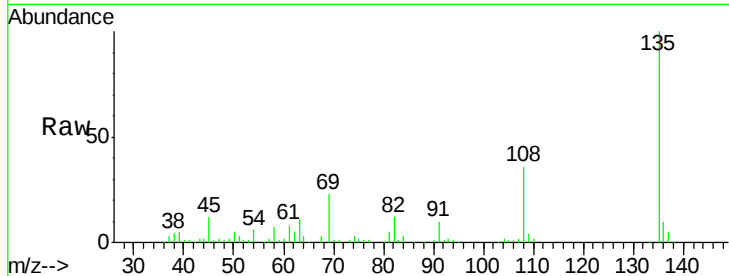
#9
Benzothiazole
Concen: 2.44 ug/mL
RT: 5.92 min Scan# 273
Delta R.T. 0.00 min
Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Instrument :
BNA_J
ClientSampleId :
CWA-ICV

Tgt Ion	Ratio	Resp Lower	Resp Upper
135	100		
108	35.9	15.7	55.7
69	22.7	2.2	42.2

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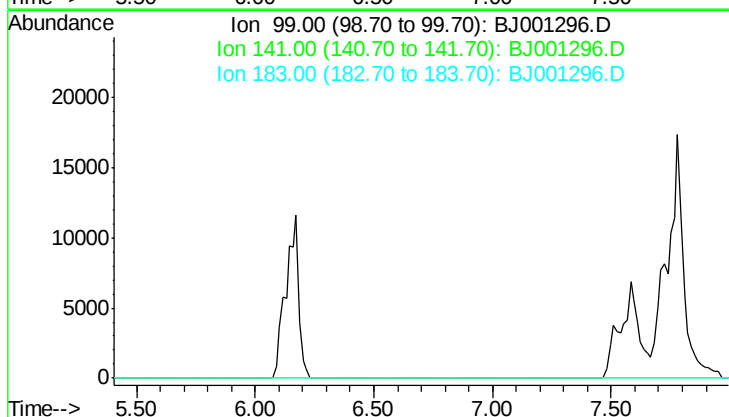
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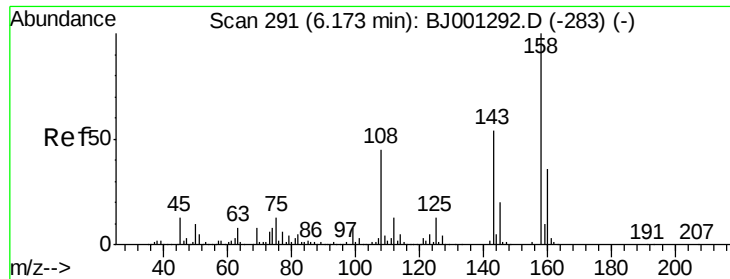


#10
Tripropylphosphate
Concen: 0.00 ug/mL
Expected RT: 6.70 min

Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Tgt Ion	Sig	Exp Ratio
99	100	
141	16.9	
183	5.4	





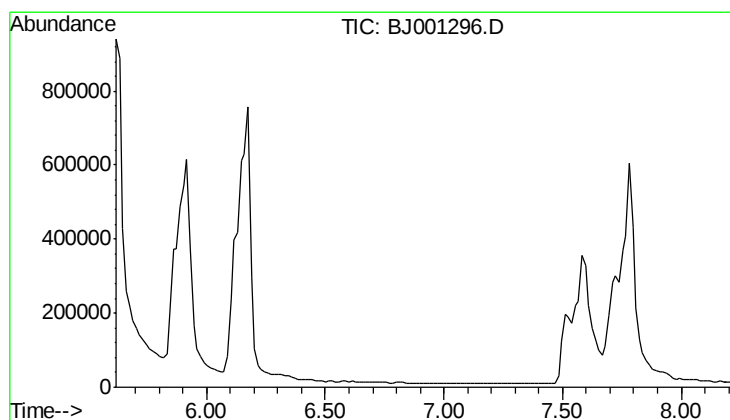
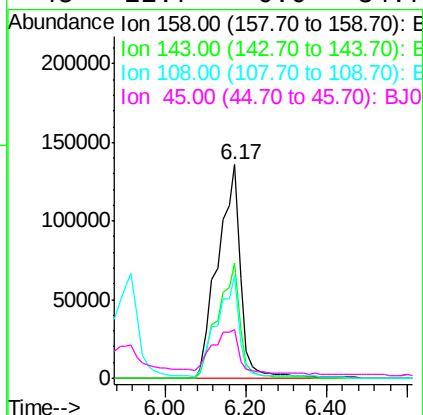
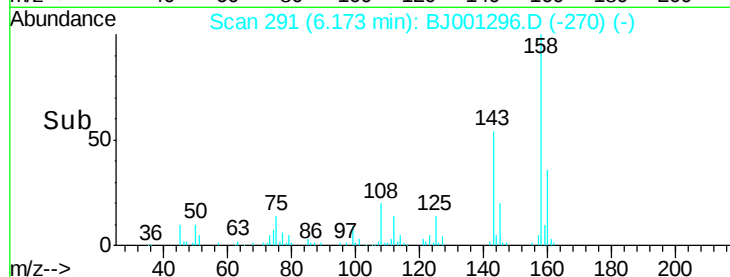
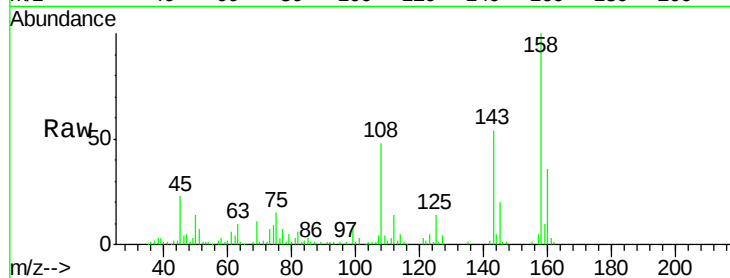
#11
p-Chlorophenylmethylsulfide
Concen: 2.47 ug/mL
RT: 6.17 min Scan# 291
Delta R.T. 0.00 min
Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Instrument :
BNA_J
ClientSampleId :
CWA-ICV

Tgt Ion	Ratio	Resp	Lower	Upper
158	100	540918		
143	54.0		34.4	74.4
108	47.9		25.3	65.3
45	22.7		0.0	34.7

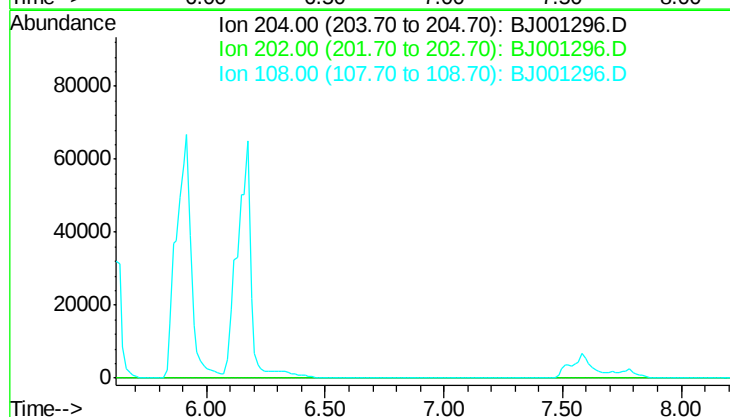
Manual Integrations
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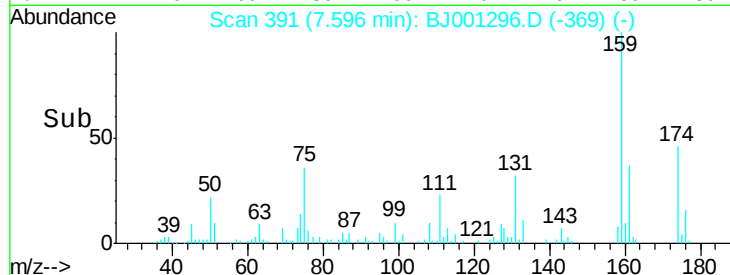
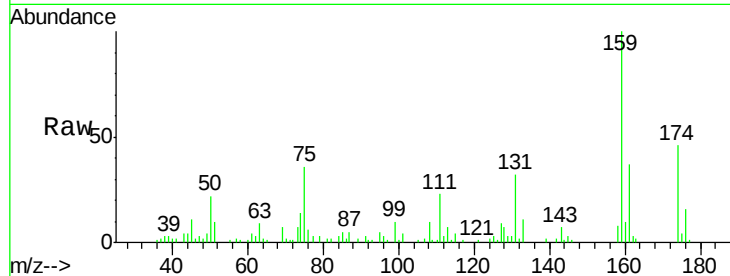
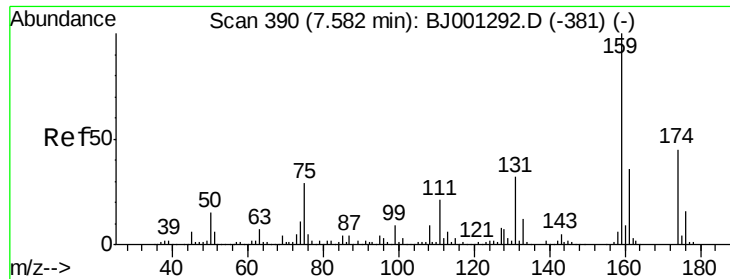
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#12
2-Bromothioanisole
Concen: 0.00 ug/mL
Expected RT: 6.91 min
Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Tgt Ion	Exp Ratio
204	100
202	97.8
108	108.3





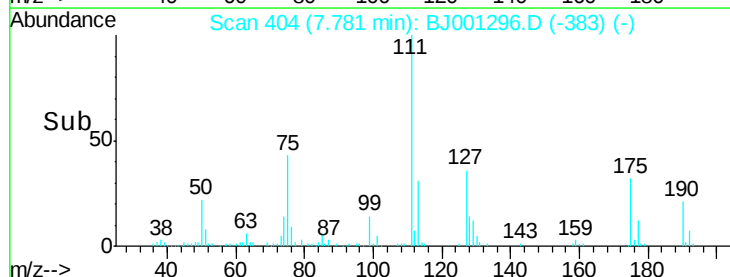
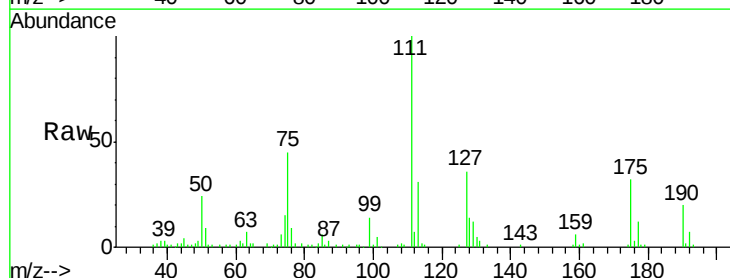
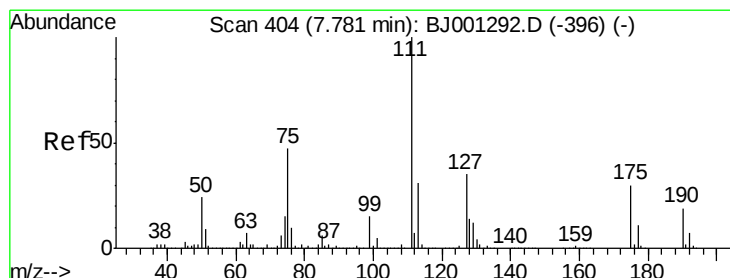
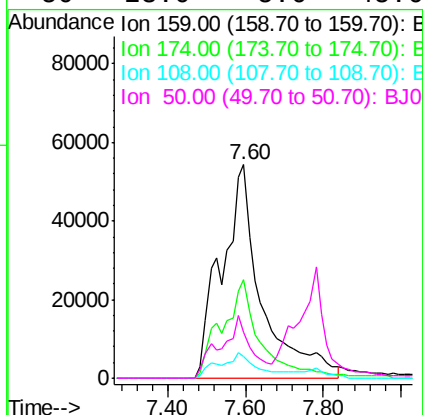
#13
p-Chlorophenylmethylsulfoxide
Concen: 2.63 ug/mL
RT: 7.60 min Scan# 391
Delta R.T. 0.01 min
Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Instrument :
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CWA-ICV

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12/5/2012 3:23:10 AM

Tgt Ion	Ion	Resp	Lower	Upper
159	100			
174	44.0	25.2	65.2	
108	10.6	0.0	30.3	
50	23.0	5.6	45.6	



#14
p-Chlorophenylmethylsulfone
Concen: 2.45 ug/mL
RT: 7.78 min Scan# 404
Delta R.T. 0.00 min
Lab File: BJ001296.D
Acq: 27 Nov 2012 14:50

Tgt Ion	Ion	Resp	Lower	Upper
111	100			
75	44.5	27.5	67.5	
127	35.8	15.3	55.3	
190	20.4	0.0	38.6	

