

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001293.D
 Acq On : 27 Nov 2012 13:59
 Operator : HLM
 Sample : CWA-3
 Misc : CWA STD BNA_J HLM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-3

Manual Integrations
 APPROVED

AHPatel
 12/5/2012 3:23:03 AM

Quant Time: Dec 01 02:50:29 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:23:24 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	246406	2.00	ug/mL	0.00
6) Naphthalene-d8	5.62	136	1060873	2.00	ug/mL	0.00

System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	244045	0.66	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	132.00%#
12) 2-Bromothioanisole	6.91	204	221897	2.67	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.40%#

Target Compounds						Qvalue
2) Dimethyl Disulfide	2.32	94	201875	2.09	ug/mL	97
3) DMMP	3.26	79	55307	0.69	ug/mL	98
4) DIMP	4.65	97	126707	0.64	ug/mL	96
5) 1,4-Oxathiane	3.34	46	207083	2.17	ug/mL	89
7) 1,4-Dithiane	4.78	46	161255	2.00	ug/mL#	84
8) Thiodiglycol	5.58	61	1003513m	15.24	ug/mL	
9) Benzothiazole	5.92	135	747701	2.53	ug/mL	97
11) p-Chlorophenylmethanethiol	6.17	158	463753	2.54	ug/mL	98
13) p-Chlorophenylmethanesulfoxide	7.58	159	284799	3.15	ug/mL	99
14) p-Chlorophenylmethanesulfonate	7.78	111	420694	3.03	ug/mL	94

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

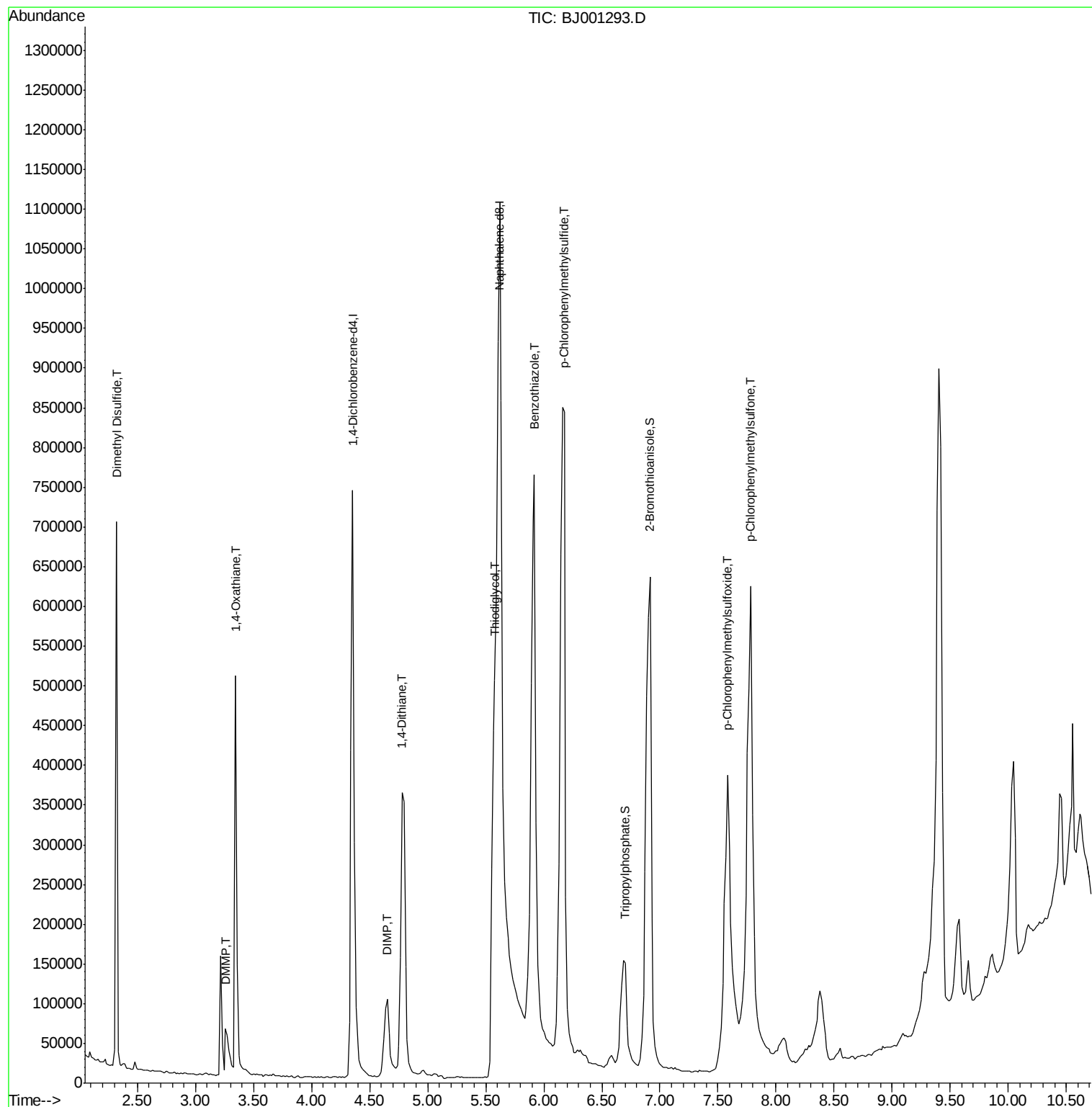
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
Data File : BJ001293.D
Acq On : 27 Nov 2012 13:59
Operator : HLM
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Misc : CWA STD BNA_J HLM
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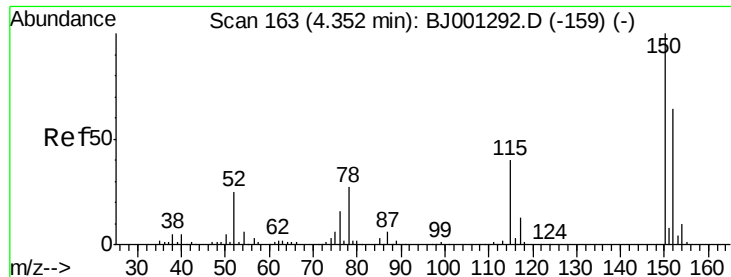
Instrument :
BNA_J
LabSampleId :
CWA-3

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Quant Time: Dec 01 02:50:29 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degradation products by GCMS
QLast Update : Tue Nov 27 14:23:24 2012
Response via : Initial Calibration





#1

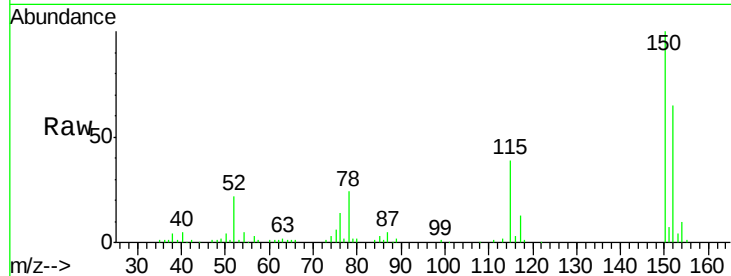
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.35 min Scan# 163
Delta R.T. 0.00 min
Lab File: BJ001293.D
Acq: 27 Nov 2012 13:59

Instrument :
BNA_J
LabSampleId :
CWA-3

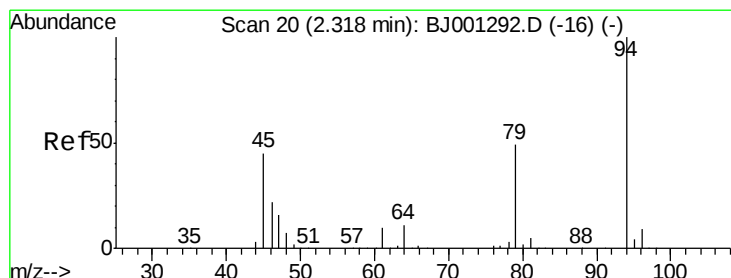
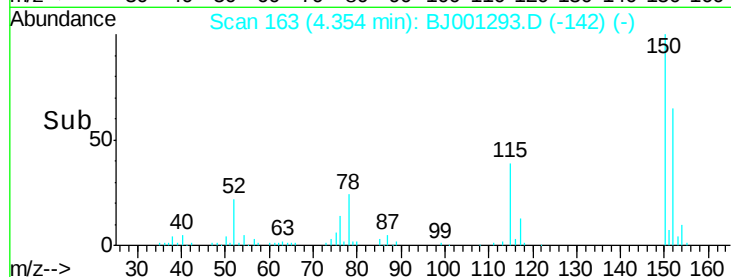
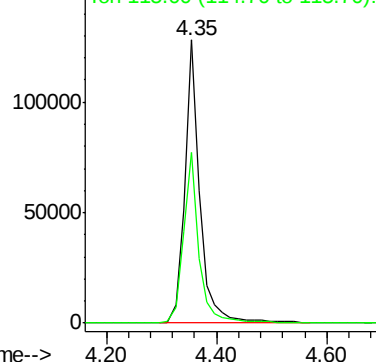
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	246406		
115	60.2	42.9	82.9	

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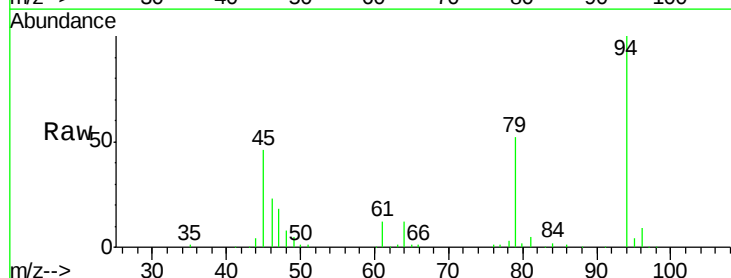
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



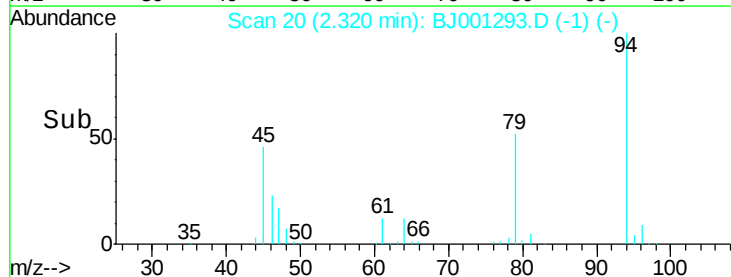
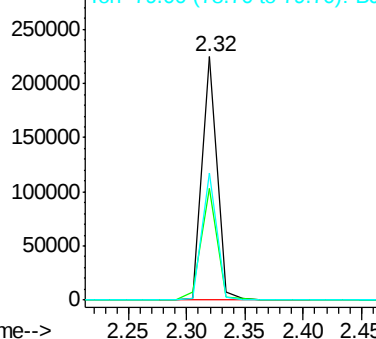
#2

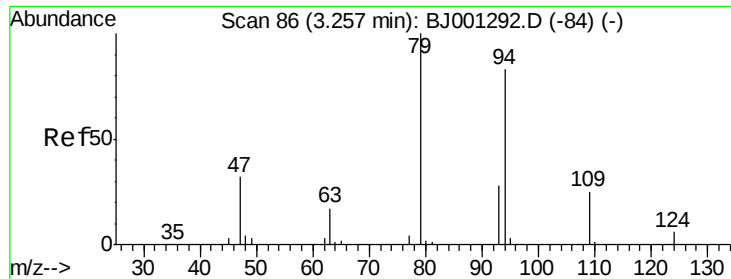
Dimethyl Disulfide
Concen: 2.09 ug/mL
RT: 2.32 min Scan# 20
Delta R.T. 0.00 min
Lab File: BJ001293.D
Acq: 27 Nov 2012 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	201875		
45	46.1	25.1	65.1	
79	52.3	29.4	69.4	



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: 0.69 ug/mL

RT: 3.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Instrument :

BNA_J

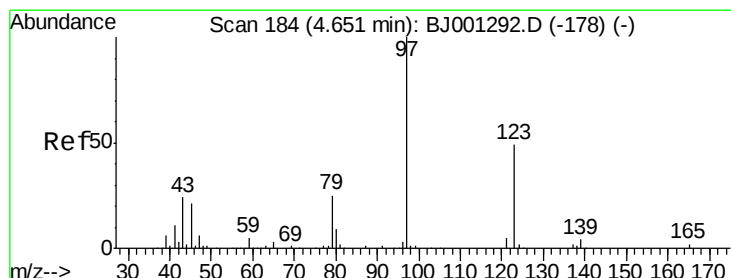
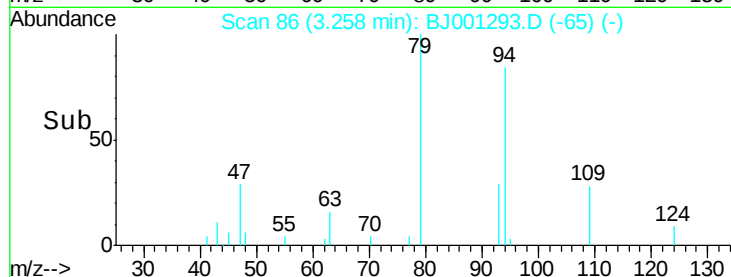
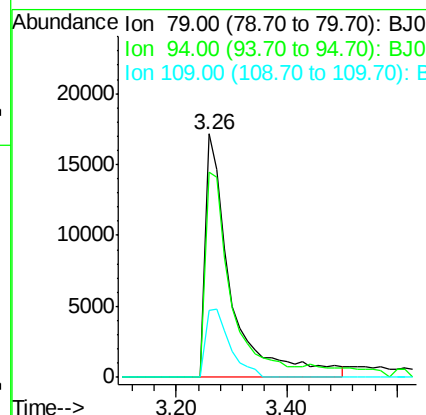
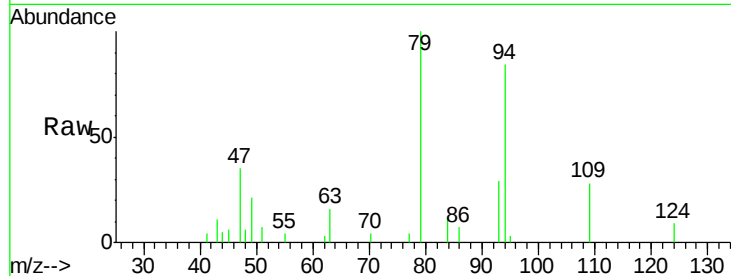
LabSampleId :

CWA-3

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Tgt Ion	Ratio	Lower	Upper
79	100		
94	84.2	63.0	103.0
109	27.8	5.3	45.3



#4

DIMP

Concen: 0.64 ug/mL

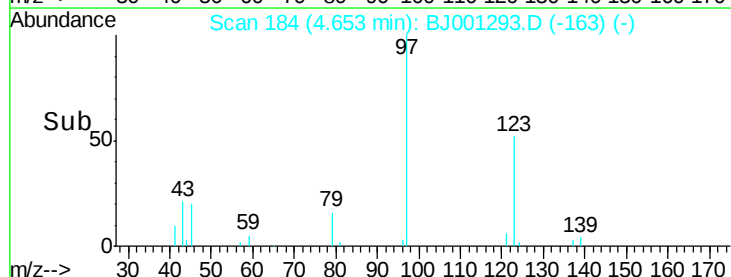
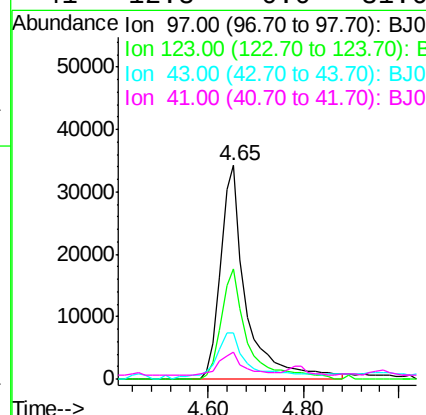
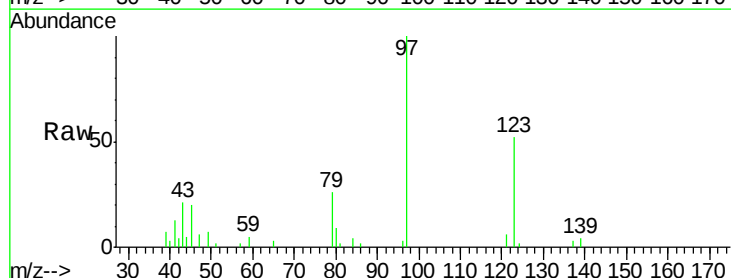
RT: 4.65 min Scan# 184

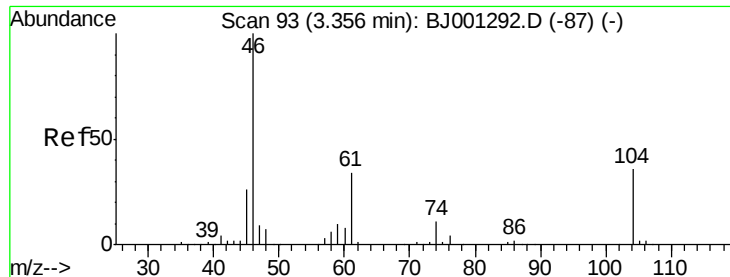
Delta R.T. 0.00 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Tgt Ion	Ratio	Lower	Upper
97	100		
123	51.8	29.2	69.2
43	21.5	4.0	44.0
41	12.8	0.0	31.6





#5

1,4-Oxathiane

Concen: 2.17 ug/mL

RT: 3.34 min Scan# 92

Delta R.T. -0.01 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Instrument :

BNA_J

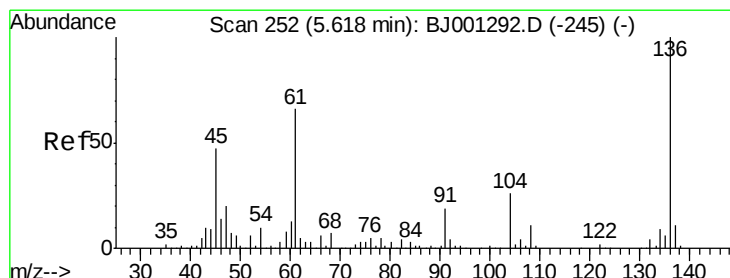
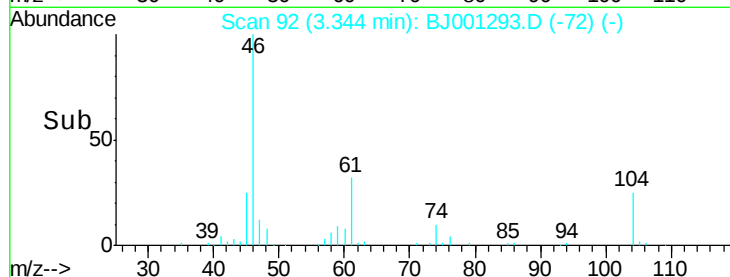
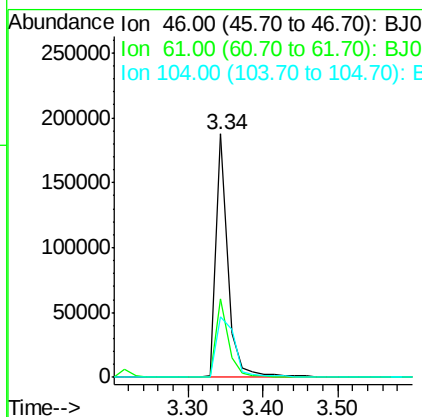
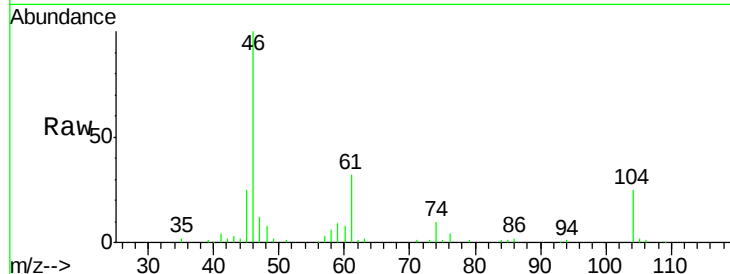
LabSampleId :

CWA-3

Tgt Ion:	46	Resp:	207083
Ion Ratio	Lower	Upper	
46	100		
61	32.1	13.6	53.6
104	24.6	16.0	56.0

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#6

Naphthalene-d8

Concen: 2.00 ug/mL

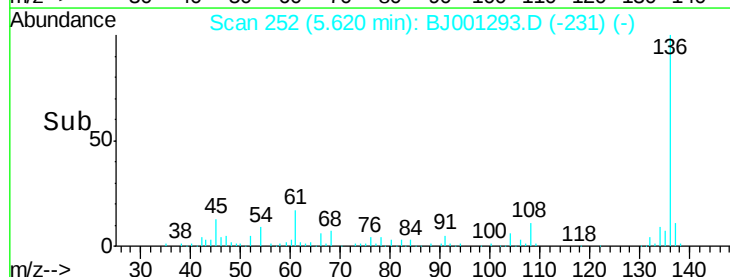
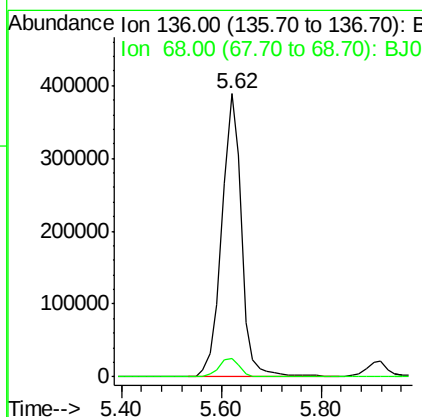
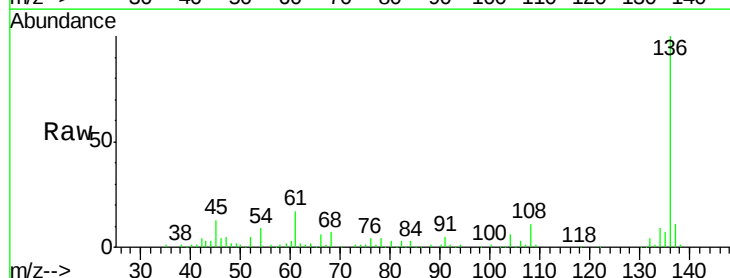
RT: 5.62 min Scan# 252

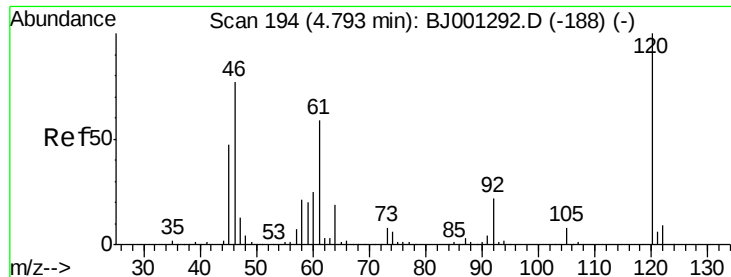
Delta R.T. 0.00 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Tgt Ion:	136	Resp:	1060873
Ion Ratio	Lower	Upper	
136	100		
68	6.7	0.0	26.8





#7

1,4-Dithiane

Concen: 2.00 ug/mL

RT: 4.78 min Scan# 193

Delta R.T. -0.01 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Instrument :

BNA_J

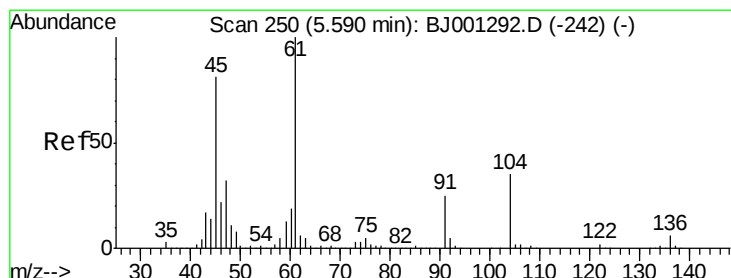
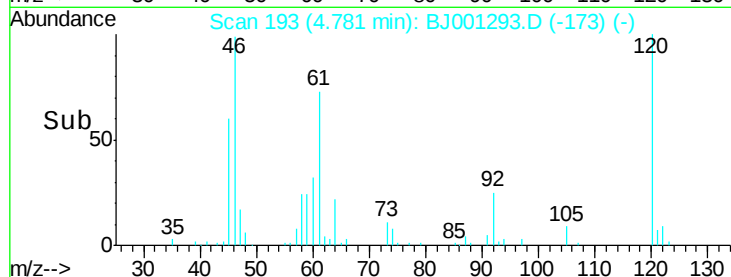
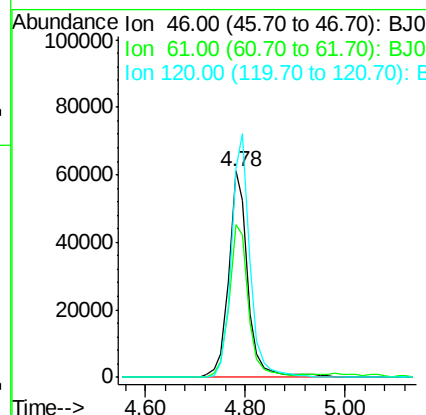
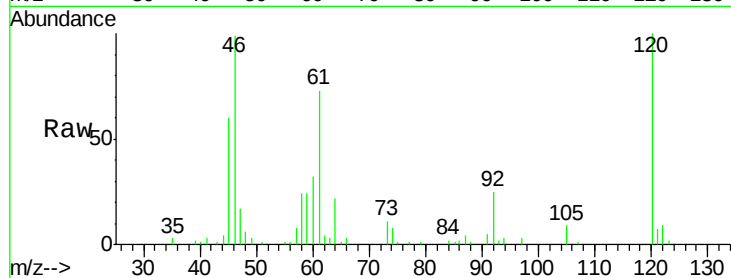
LabSampleId :

CWA-3

Tgt Ion	Ratio	Lower	Upper
46	100		
61	73.8	56.1	96.1
120	101.3	109.1	149.1

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#8

Thiodiglycol

Concen: 15.24 ug/mL m

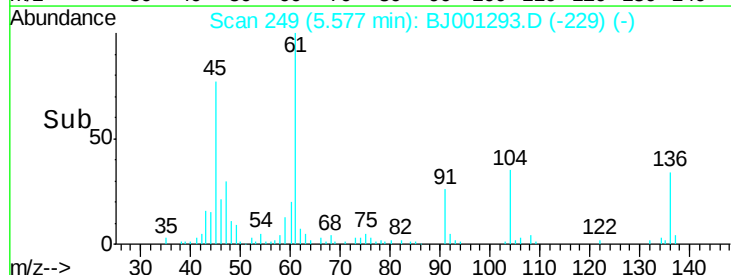
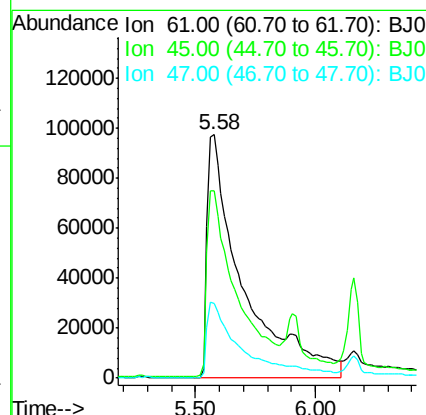
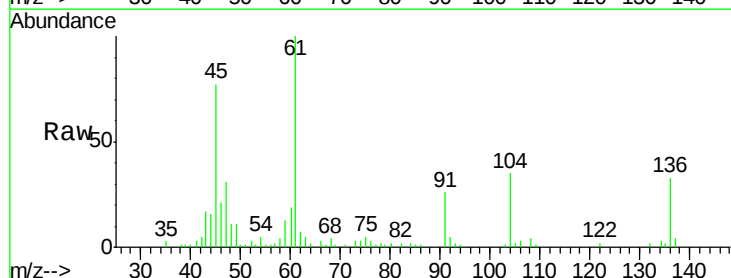
RT: 5.58 min Scan# 249

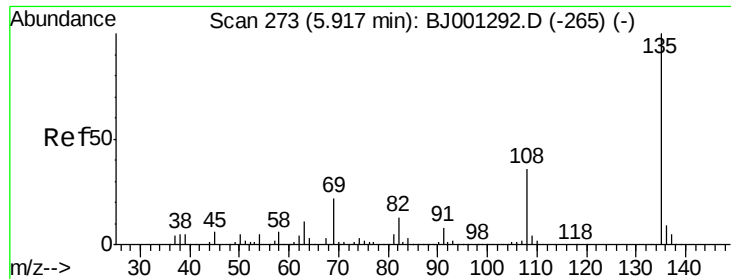
Delta R.T. -0.01 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Tgt Ion	Ratio	Lower	Upper
61	100		
45	77.0	61.0	101.0
47	30.6	12.2	52.2





#9

Benzothiazole

Concen: 2.53 ug/mL

RT: 5.92 min Scan# 273

Delta R.T. 0.00 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Instrument :

BNA_J

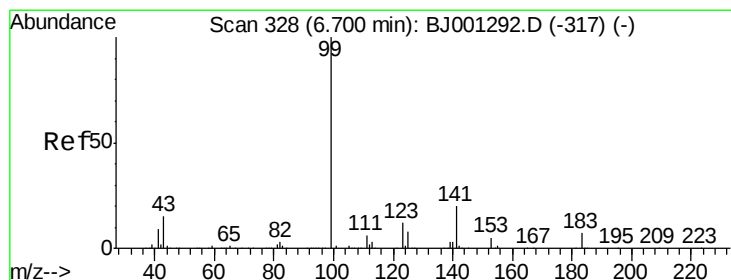
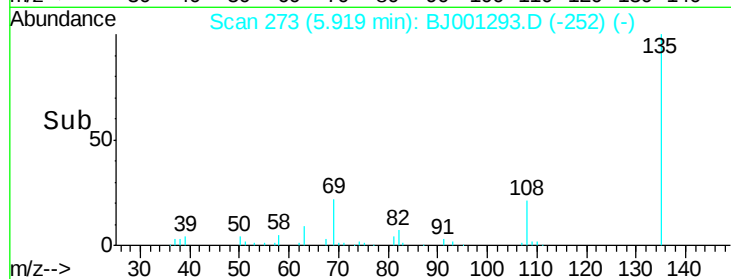
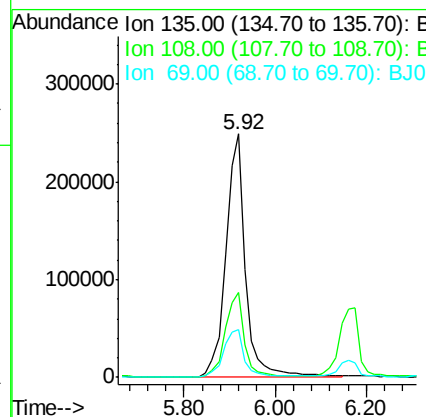
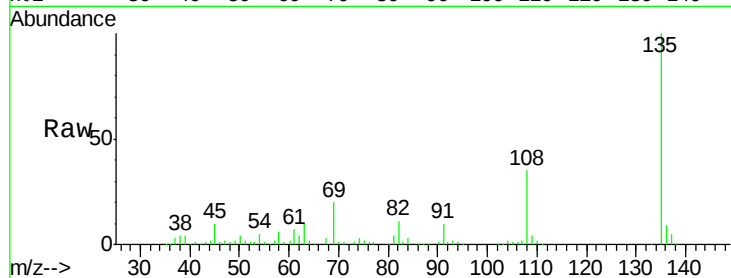
LabSampleId :

CWA-3

Tgt Ion:	135	Resp:	747701
Ion Ratio	Lower	Upper	
135	100		
108	34.8	15.7	55.7
69	19.7	2.2	42.2

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#10

Tripropylphosphate

Concen: 0.66 ug/mL

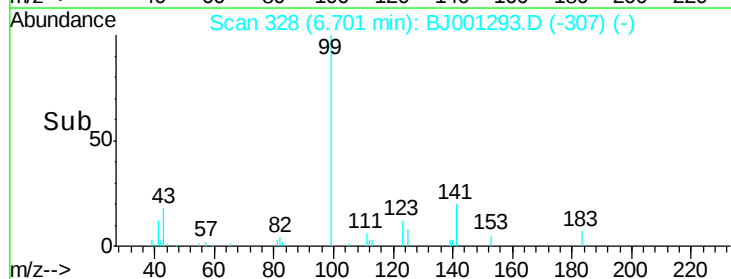
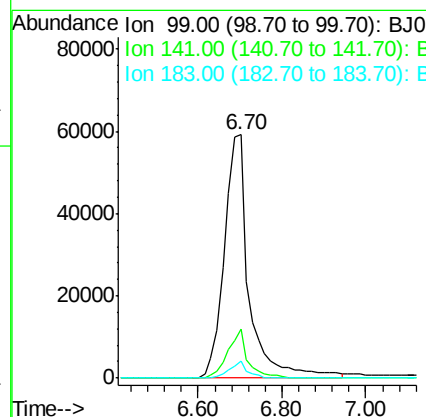
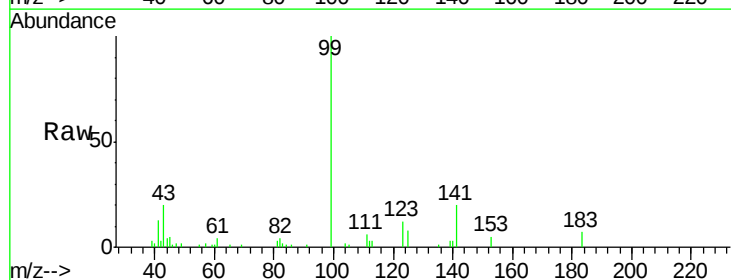
RT: 6.70 min Scan# 328

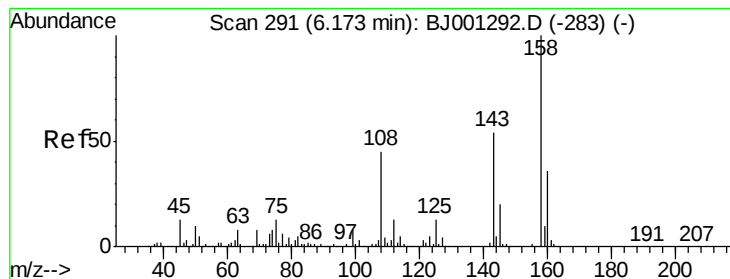
Delta R.T. 0.00 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Tgt Ion:	99	Resp:	244045
Ion Ratio	Lower	Upper	
99	100		
141	16.1	13.5	20.3
183	4.8	4.3	6.5





#11

p-Chlorophenylmethylsulfide

Concen: 2.54 ug/mL

RT: 6.17 min Scan# 291

Delta R.T. 0.00 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Instrument :

BNA_J

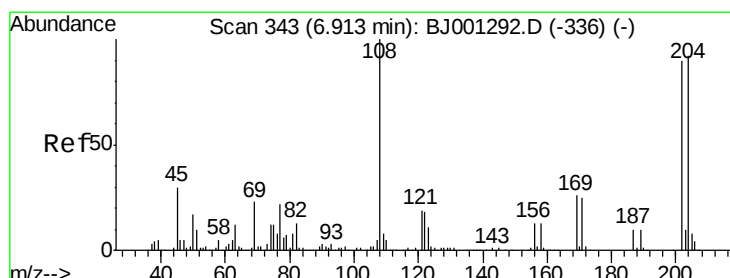
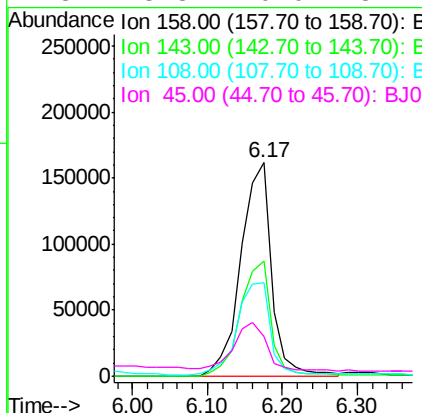
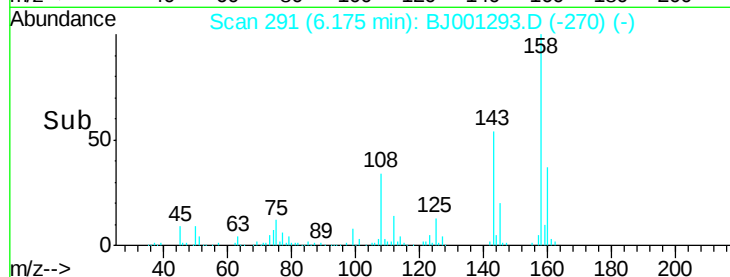
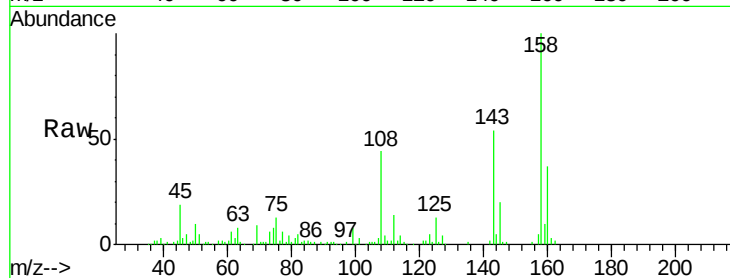
LabSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
158	100	463753		
143	53.9	34.4	74.4	
108	44.0	25.3	65.3	
45	18.8	0.0	34.7	



#12

2-Bromothioanisole

Concen: 2.67 ug/mL

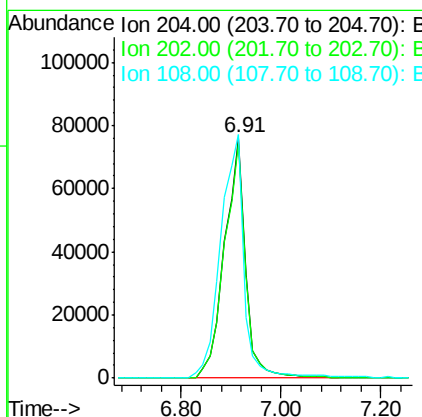
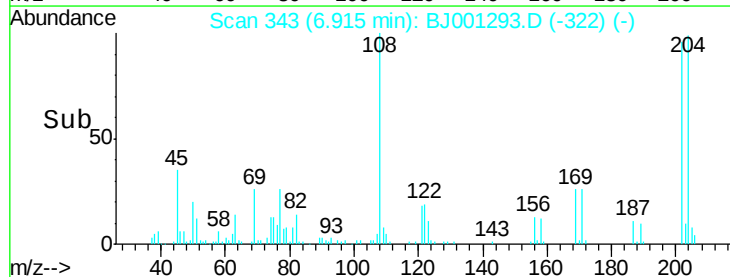
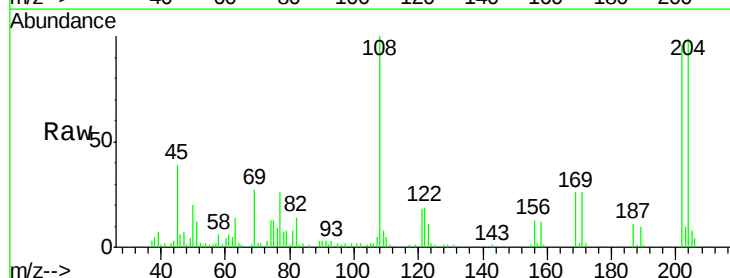
RT: 6.91 min Scan# 343

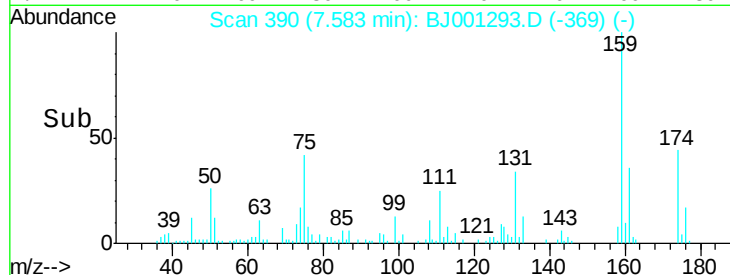
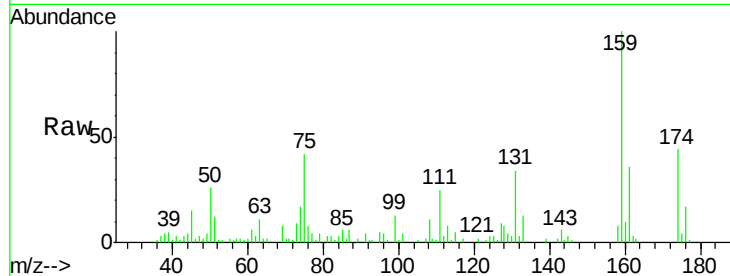
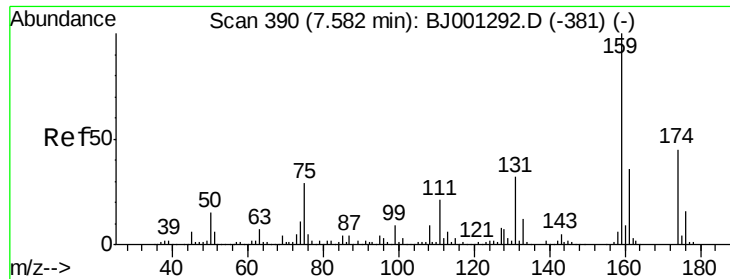
Delta R.T. 0.00 min

Lab File: BJ001293.D

Acq: 27 Nov 2012 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	221897		
202	97.8	77.8	117.8	
108	101.3	88.3	128.3	





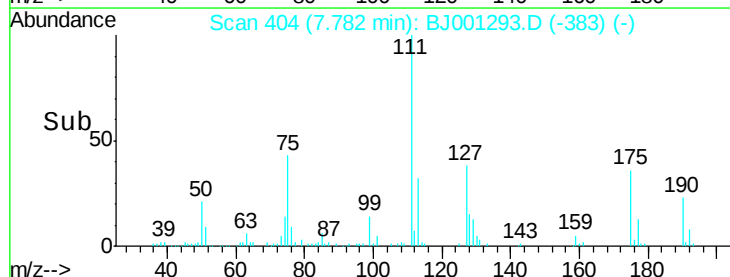
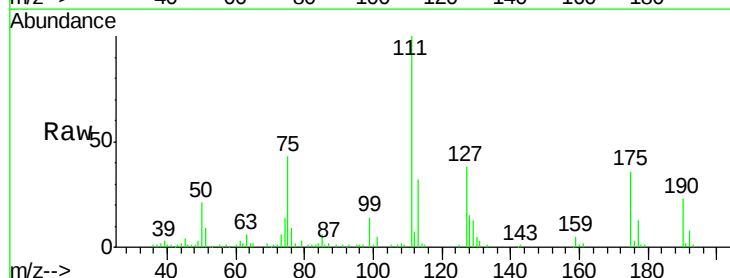
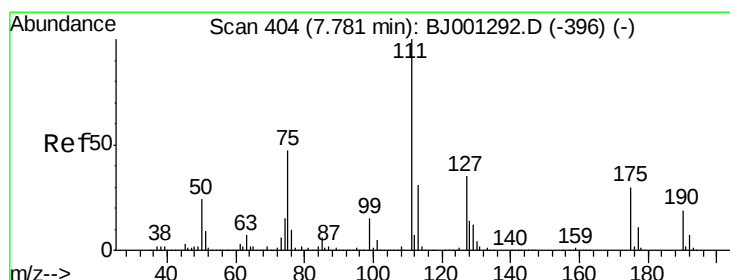
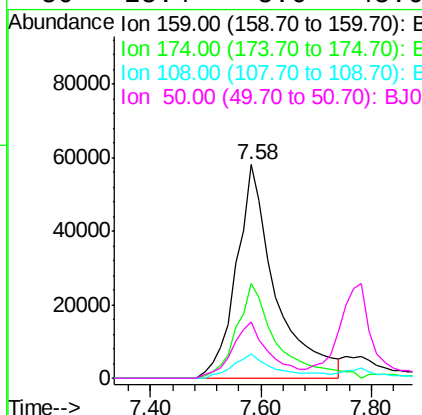
#13
p-Chlorophenylmethylsulfoxide
Concen: 3.15 ug/mL
RT: 7.58 min Scan# 390
Delta R.T. 0.00 min
Lab File: BJ001293.D
Acq: 27 Nov 2012 13:59

Instrument :
BNA_J
LabSampleId :
CWA-3

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Tgt Ion	Ratio	Resp	Lower	Upper
159	100	284799		
174	45.5	25.2	65.2	
108	12.5	0.0	30.3	
50	25.4	5.6	45.6	



#14
p-Chlorophenylmethylsulfone
Concen: 3.03 ug/mL
RT: 7.78 min Scan# 404
Delta R.T. 0.00 min
Lab File: BJ001293.D
Acq: 27 Nov 2012 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
111	100	420694		
75	42.8	27.5	67.5	
127	37.6	15.3	55.3	
190	23.0	0.0	38.6	

