

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001299.D
 Acq On : 27 Nov 2012 15:57
 Operator : HLM
 Sample : PB67010BSD
 Misc : WATER BNA_J HLM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 SLCSD01

Manual Integrations
 APPROVED

AHPatel
 12/5/2012 3:23:17 AM

Quant Time: Dec 05 03:16:15 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:50:43 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.34	152	314266	2.50	ug/mL	0.00
6) Naphthalene-d8	5.63	136	1283564	2.50	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.69	99	231639	0.45	ug/mL	0.00
Spiked Amount 0.500	Range	70 - 130	Recovery	=	90.00%	
12) 2-Bromothioanisole	6.92	204	366395	4.29	ug/mL	0.00
Spiked Amount 5.000	Range	70 - 130	Recovery	=	85.80%	

Target Compounds

						Qvalue
2) Dimethyl Disulfide	2.47	94	285085m	2.13	ug/mL	
3) DMMP	3.26	79	434316	3.35	ug/mL	89
4) DIMP	4.64	97	499155	1.72	ug/mL	96
5) 1,4-Oxathiane	3.39	46	671058	4.42	ug/mL	81
7) 1,4-Dithiane	4.79	46	534085	4.29	ug/mL	96
8) Thiodiglycol	5.55	61	4260950m	40.43	ug/mL	
9) Benzothiazole	5.92	135	2592973	9.04	ug/mL	88
11) p-Chlorophenylmethanethiol	6.17	158	1584404	8.82	ug/mL	89
13) p-Chlorophenylmethanesulfoxide	7.57	159	1195279	9.85	ug/mL	99
14) p-Chlorophenylmethanesulfonate	7.77	111	1633651	9.28	ug/mL	96

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

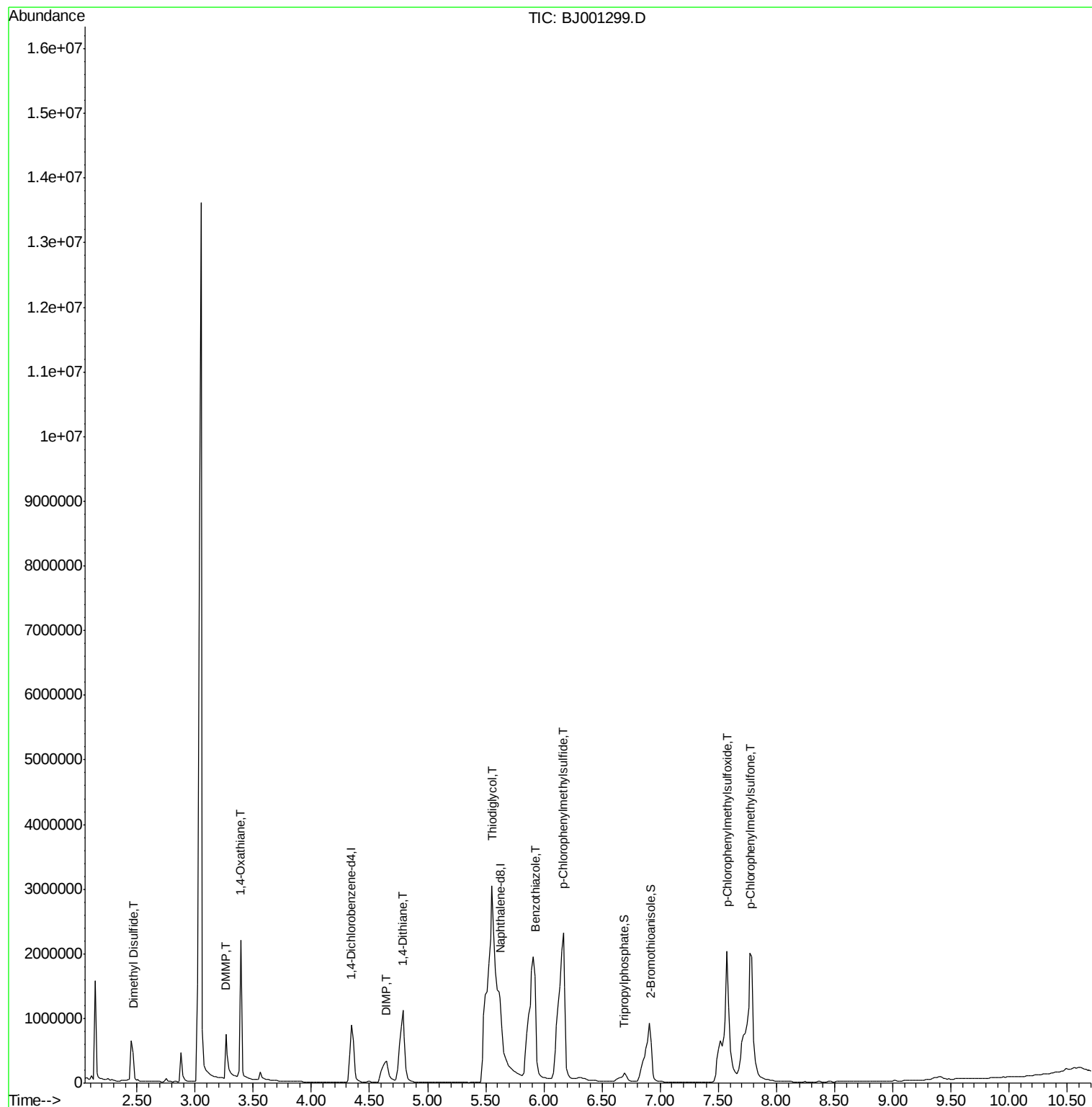
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
Data File : BJ001299.D
Acq On : 27 Nov 2012 15:57
Operator : HLM
Sample : PB67010BSD
Misc : WATER BNA_J HLM
ALS Vial : 11 Sample Multiplier: 1

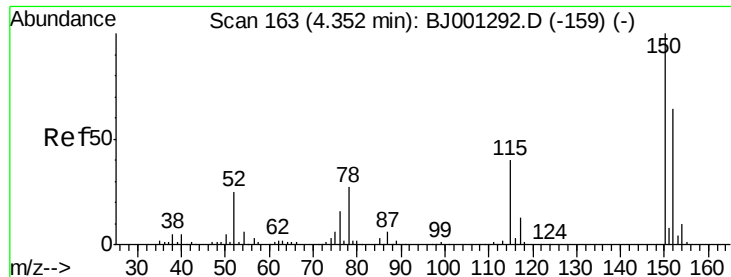
Instrument :
BNA_J
ClientSampleId :
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Quant Time: Dec 05 03:16:15 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degradation products by GCMS
QLast Update : Tue Nov 27 14:50:43 2012
Response via : Initial Calibration





#1

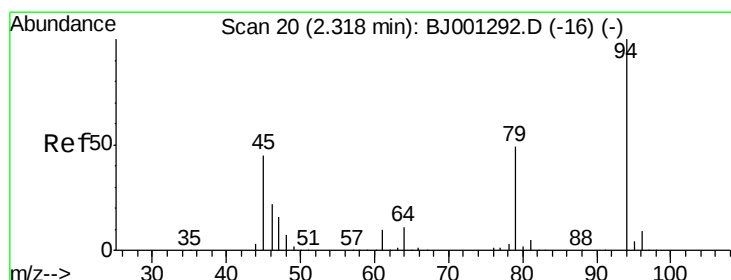
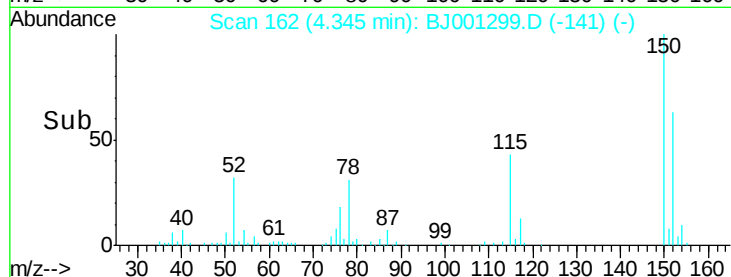
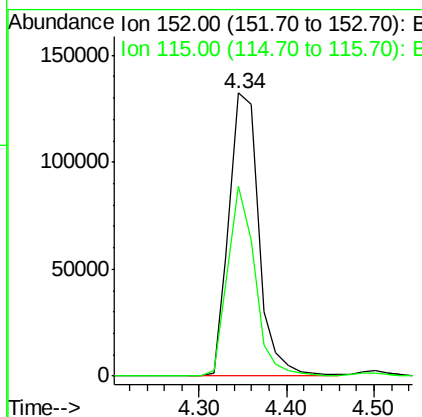
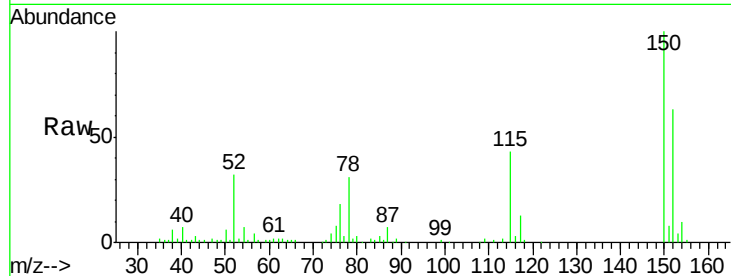
1,4-Dichlorobenzene-d4
 Concen: 2.50 ug/mL
 RT: 4.34 min Scan# 162
 Delta R.T. -0.01 min
 Lab File: BJ001299.D
 Acq: 27 Nov 2012 15:57

Instrument :
 BNA_J
 ClientSampleId :
 SLCSD01

Tgt Ion: 152 Resp: 314266
 Ion Ratio Lower Upper
 152 100
 115 67.1 42.9 82.9

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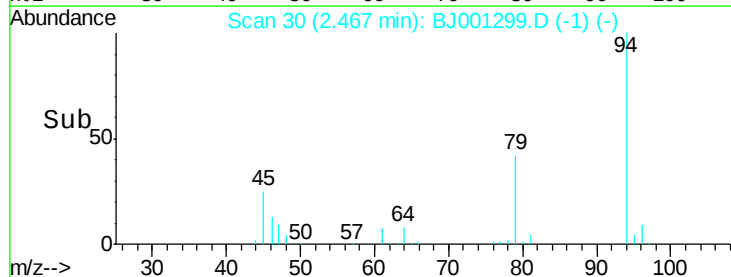
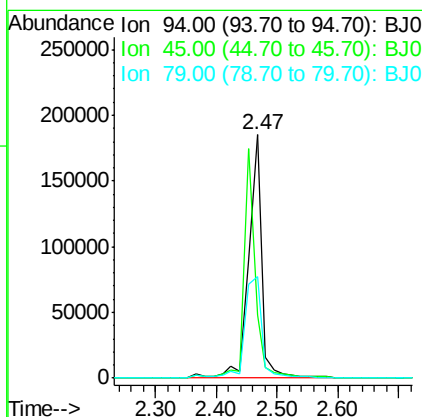
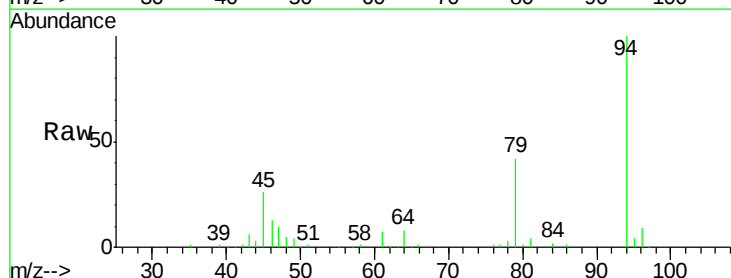
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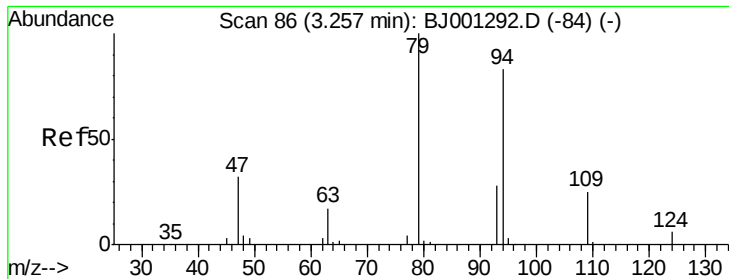


#2

Dimethyl Disulfide
 Concen: 2.13 ug/mL m
 RT: 2.47 min Scan# 30
 Delta R.T. 0.15 min
 Lab File: BJ001299.D
 Acq: 27 Nov 2012 15:57

Tgt Ion: 94 Resp: 285085
 Ion Ratio Lower Upper
 94 100
 45 25.9 25.1 65.1
 79 41.5 29.4 69.4





#3

DMMP

Concen: 3.35 ug/mL

RT: 3.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: BJ001299.D

Acq: 27 Nov 2012 15:57

Instrument :

BNA_J

ClientSampleId :

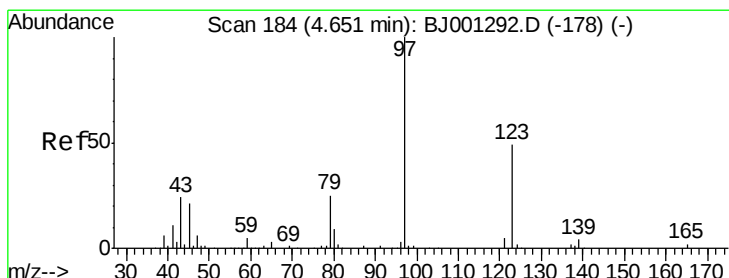
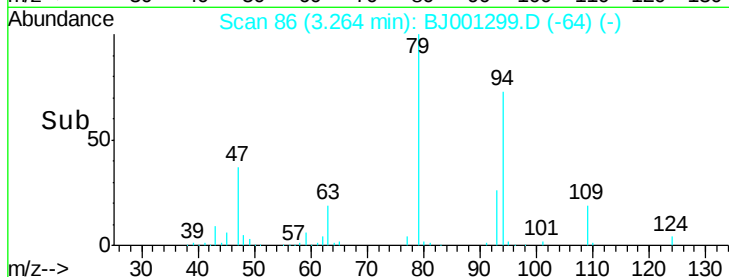
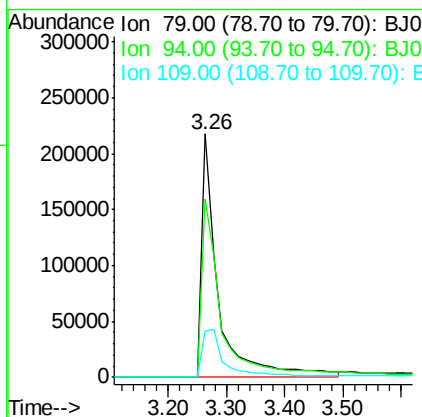
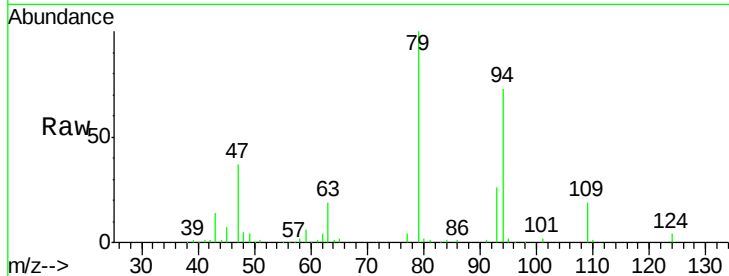
SLCSD01

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Tgt Ion:	79	Resp:	434316
Ion Ratio	Lower	Upper	
79	100		
94	73.5	63.0	103.0
109	18.9	5.3	45.3



#4

DIMP

Concen: 1.72 ug/mL

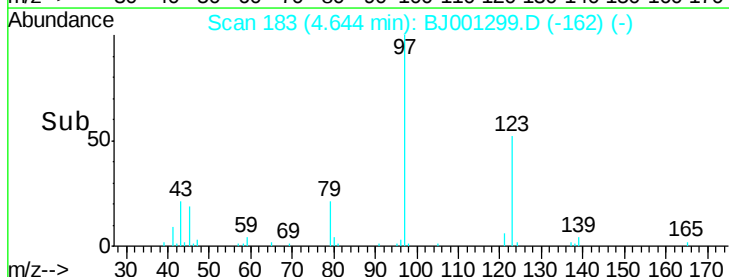
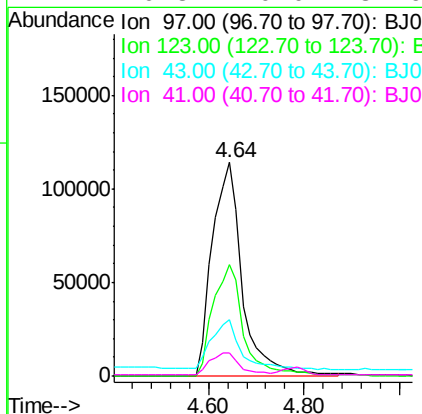
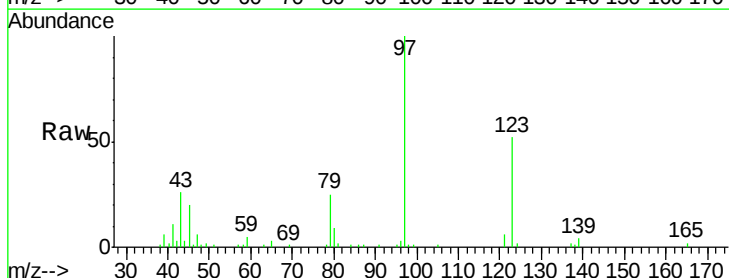
RT: 4.64 min Scan# 183

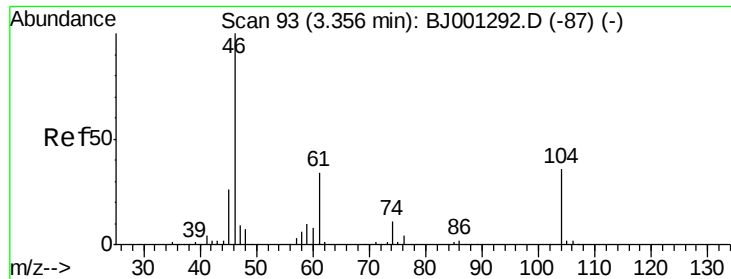
Delta R.T. -0.01 min

Lab File: BJ001299.D

Acq: 27 Nov 2012 15:57

Tgt Ion:	97	Resp:	499155
Ion Ratio	Lower	Upper	
97	100		
123	51.9	29.2	69.2
43	26.2	4.0	44.0
41	10.8	0.0	31.6





#5

1,4-Oxathiane

Concen: 4.42 ug/mL

RT: 3.39 min Scan# 95

Delta R.T. 0.04 min

Lab File: BJ001299.D

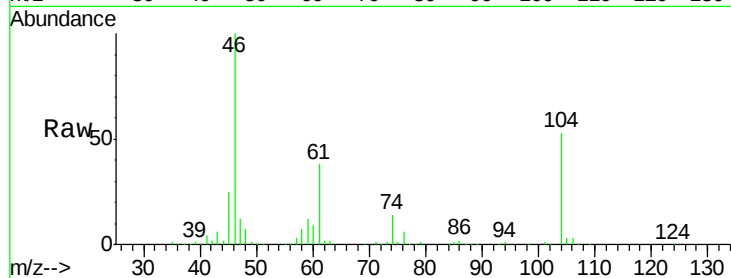
Acq: 27 Nov 2012 15:57

Instrument :

BNA_J

ClientSampleId :

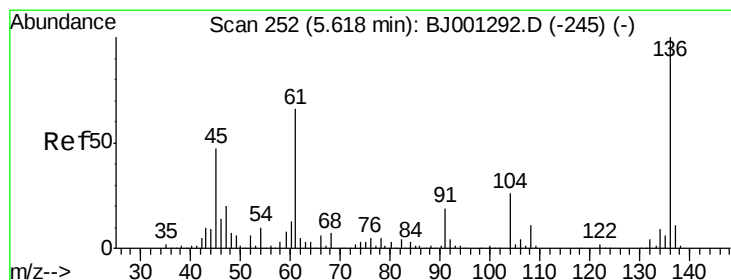
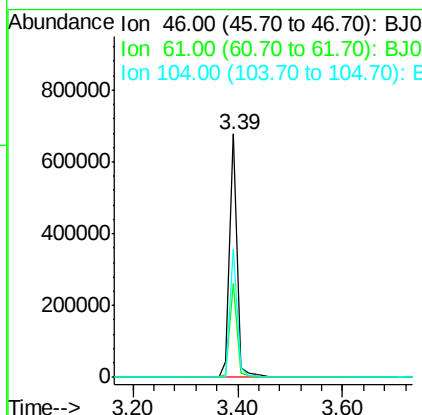
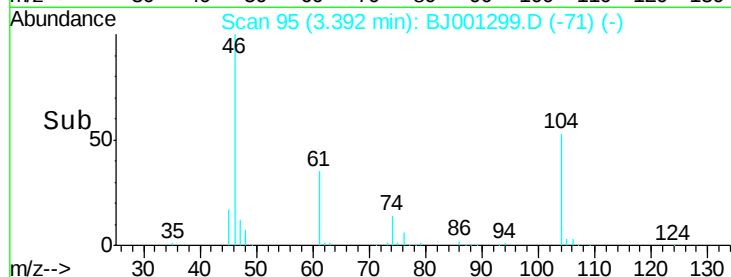
SLCSD01



Tgt Ion:	46	Resp:	671058
Ion Ratio	Lower	Upper	
46	100		
61	38.3	13.6	53.6
104	52.9	16.0	56.0

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#6

Naphthalene-d8

Concen: 2.50 ug/mL

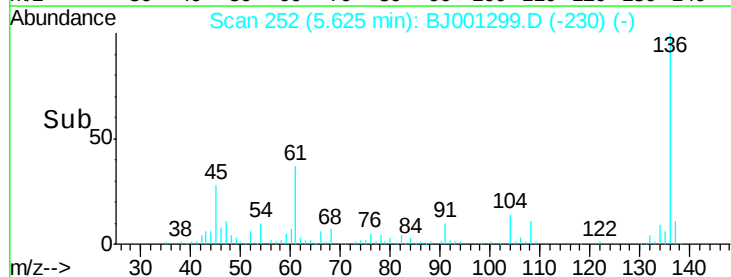
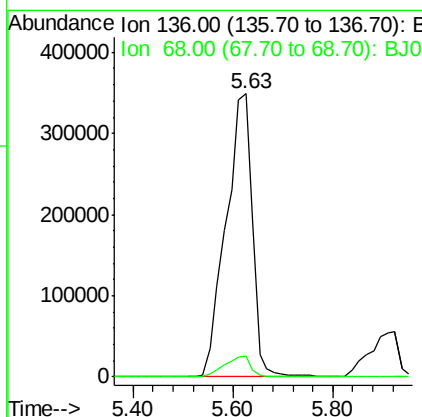
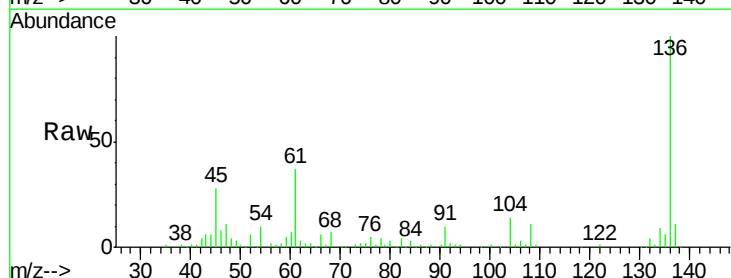
RT: 5.63 min Scan# 252

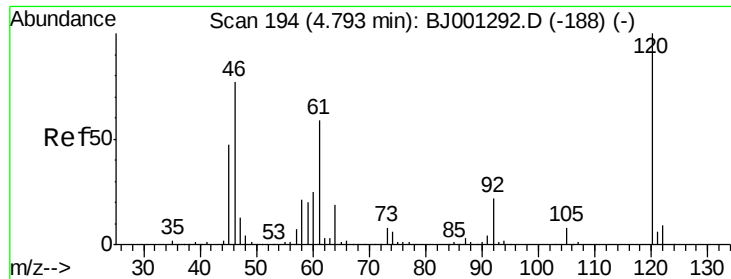
Delta R.T. 0.01 min

Lab File: BJ001299.D

Acq: 27 Nov 2012 15:57

Tgt Ion:	136	Resp:	1283564
Ion Ratio	Lower	Upper	
136	100		
68	7.3	0.0	26.8





#7

1,4-Dithiane

Concen: 4.29 ug/mL

RT: 4.79 min Scan# 193

Delta R.T. -0.01 min

Lab File: BJ001299.D

Acq: 27 Nov 2012 15:57

Instrument :

BNA_J

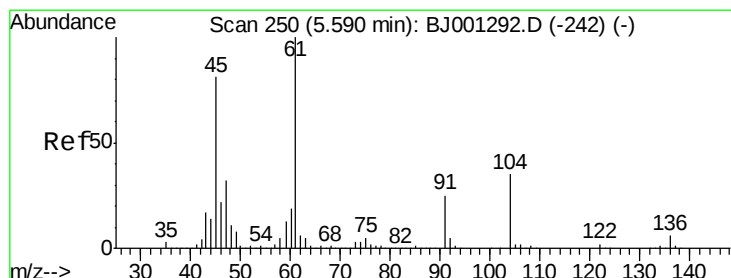
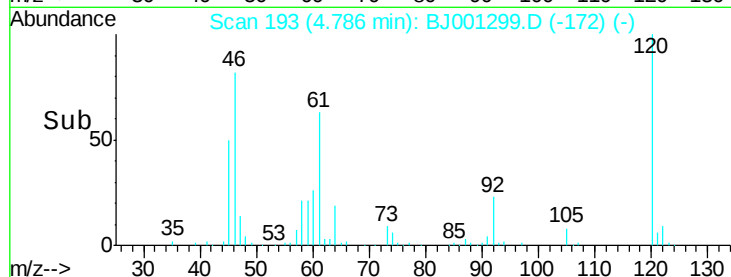
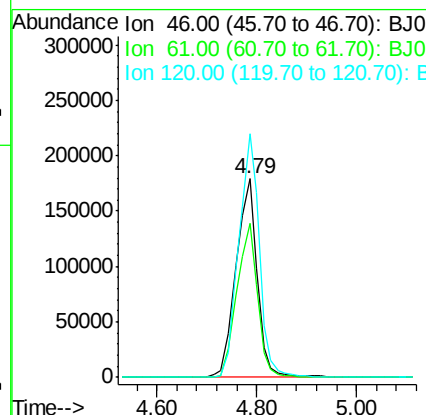
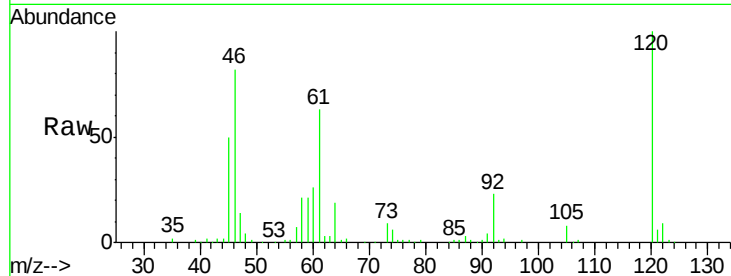
ClientSampleId :

SLCSD01

Tgt Ion:	46	Resp:	534085
Ion Ratio	Lower	Upper	
46	100		
61	77.4	56.1	96.1
120	122.7	109.1	149.1

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#8

Thiodiglycol

Concen: 40.43 ug/mL m

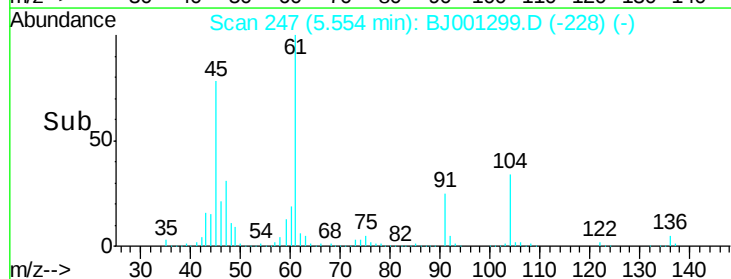
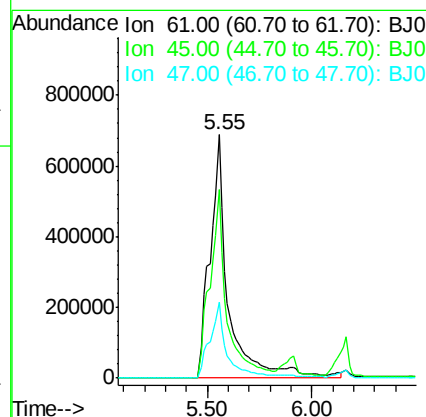
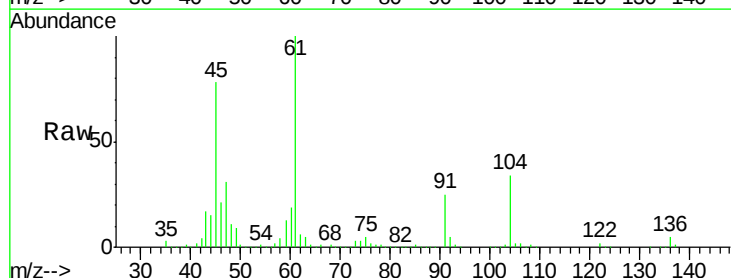
RT: 5.55 min Scan# 247

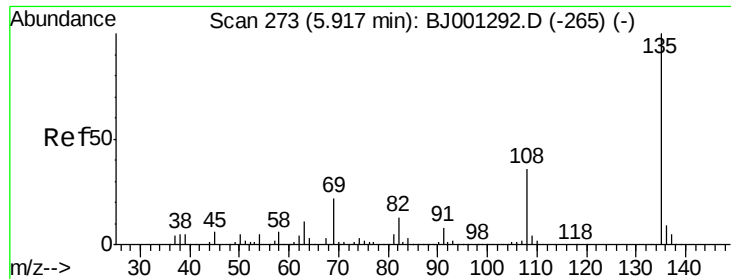
Delta R.T. -0.03 min

Lab File: BJ001299.D

Acq: 27 Nov 2012 15:57

Tgt Ion:	61	Resp:	4260950
Ion Ratio	Lower	Upper	
61	100		
45	77.6	61.0	101.0
47	31.2	12.2	52.2





#9

Benzothiazole

Concen: 9.04 ug/mL

RT: 5.92 min Scan# 273

Delta R.T. 0.01 min

Lab File: BJ001299.D

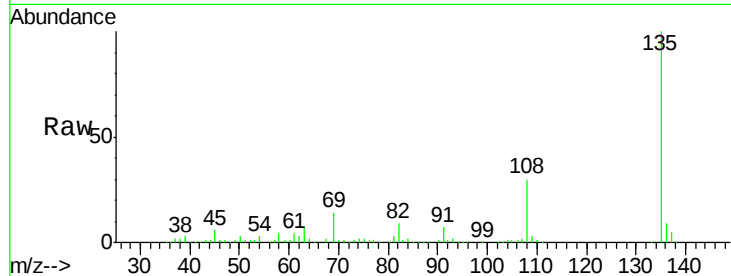
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Instrument :

BNA_J

ClientSampleId :

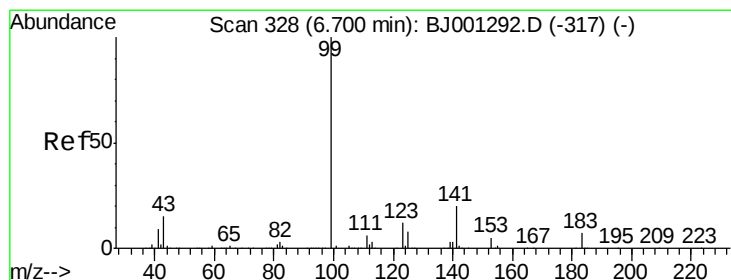
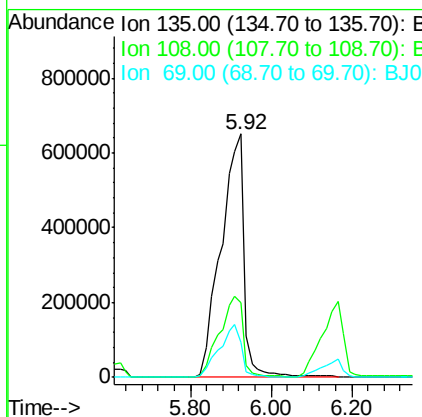
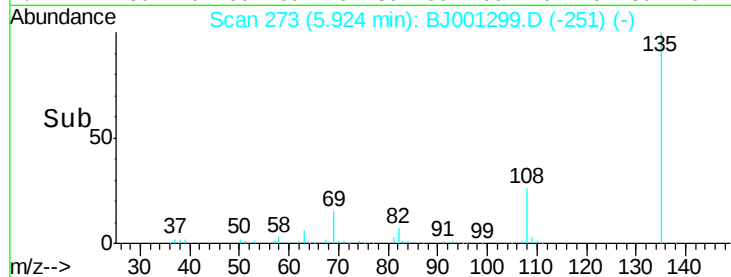
SLCSD01



Tgt Ion:	135	Resp:	2592973
Ion Ratio	Lower	Upper	
135	100		
108	30.5	15.7	55.7
69	14.2	2.2	42.2

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#10

Tripropylphosphate

Concen: 0.45 ug/mL

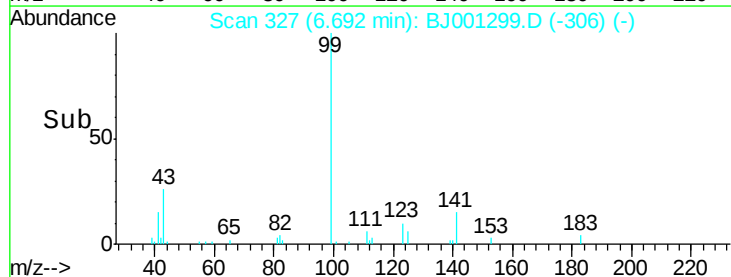
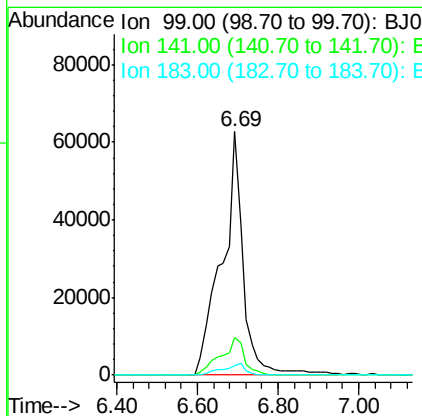
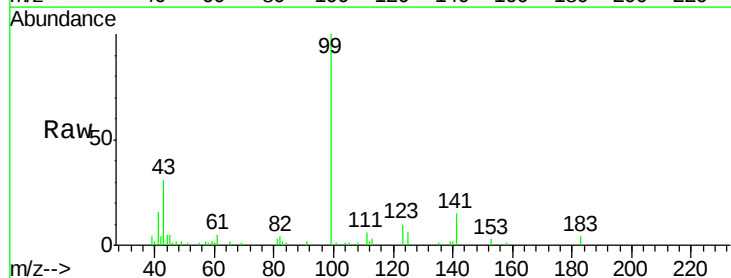
RT: 6.69 min Scan# 327

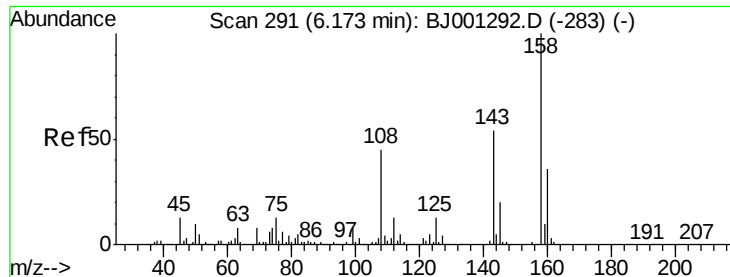
Delta R.T. -0.01 min

Lab File: BJ001299.D

Acq: 27 Nov 2012 15:57

Tgt Ion:	99	Resp:	231639
Ion Ratio	Lower	Upper	
99	100		
141	16.8	13.5	20.3
183	5.0	4.3	6.5





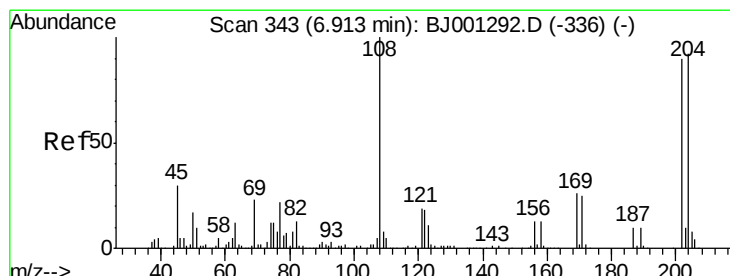
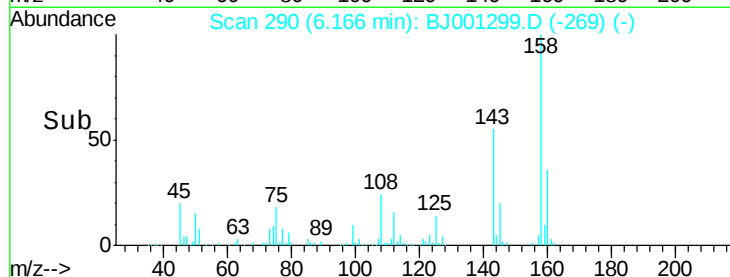
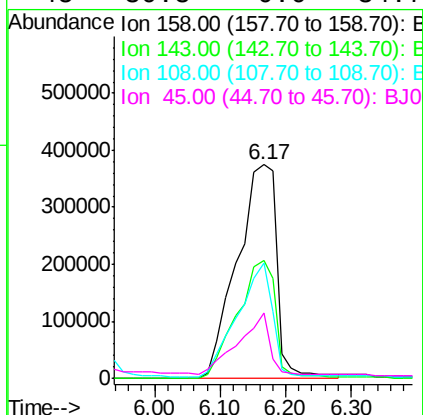
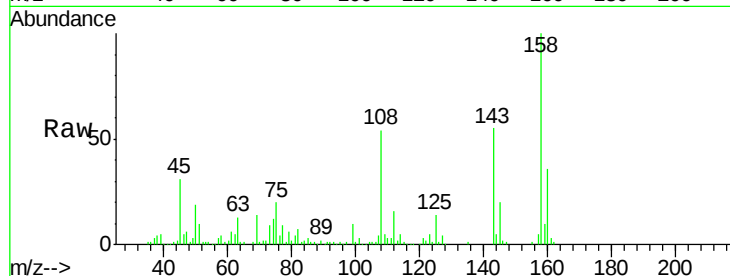
#11
p-Chlorophenylmethylsulfide
Concen: 8.82 ug/mL
RT: 6.17 min Scan# 290
Delta R.T. -0.01 min
Lab File: BJ001299.D
Acq: 27 Nov 2012 15:57

Instrument :
BNA_J
ClientSampled :
SLCSD01

Tgt Ion	Ratio	Lower	Upper
158	100		
143	54.9	34.4	74.4
108	54.2	25.3	65.3
45	30.8	0.0	34.7

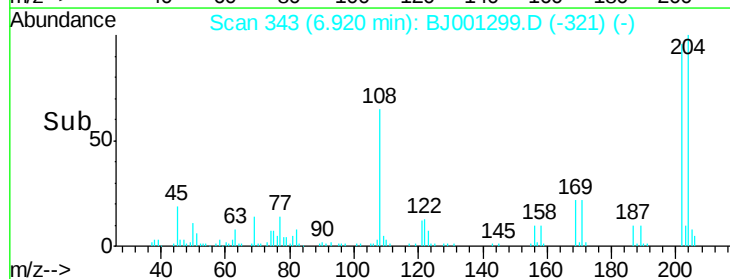
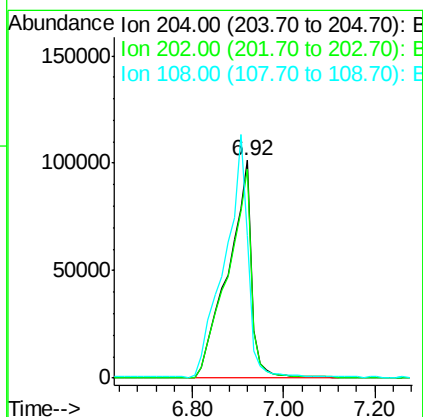
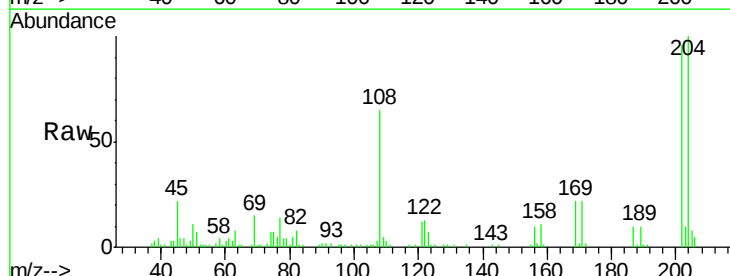
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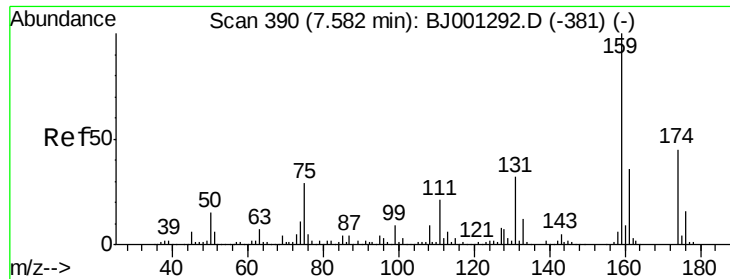
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#12
2-Bromothioanisole
Concen: 4.29 ug/mL
RT: 6.92 min Scan# 343
Delta R.T. 0.01 min
Lab File: BJ001299.D
Acq: 27 Nov 2012 15:57

Tgt Ion	Ratio	Lower	Upper
204	100		
202	95.9	77.8	117.8
108	65.4	88.3	128.3#





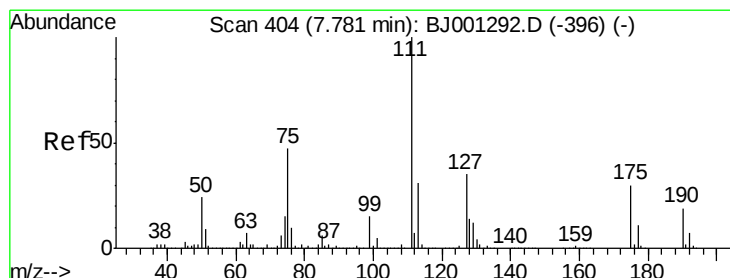
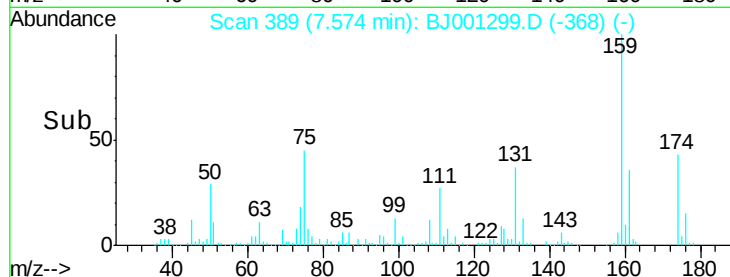
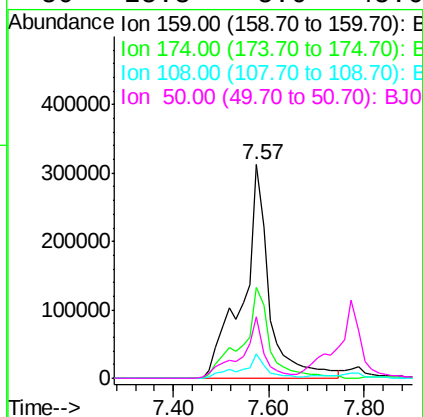
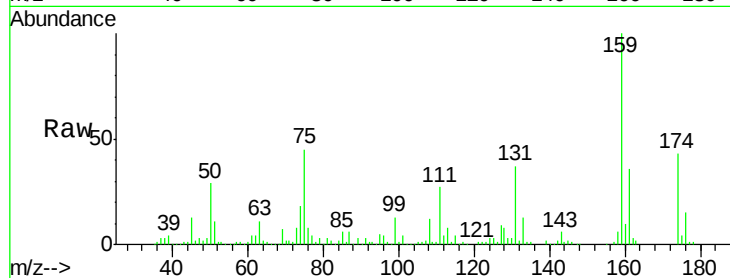
#13
p-Chlorophenylmethylsulfoxide
Concen: 9.85 ug/mL
RT: 7.57 min Scan# 389
Delta R.T. -0.01 min
Lab File: BJ001299.D
Acq: 27 Nov 2012 15:57

Instrument :
BNA_J
ClientSampleId :
SLCSD01

Tgt Ion	Ion	Ratio	Lower	Upper
159	100			
174	44.6	25.2	65.2	
108	10.5	0.0	30.3	
50	25.3	5.6	45.6	

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#14
p-Chlorophenylmethylsulfone
Concen: 9.28 ug/mL
RT: 7.77 min Scan# 403
Delta R.T. -0.01 min
Lab File: BJ001299.D
Acq: 27 Nov 2012 15:57

Tgt Ion	Ion	Ratio	Lower	Upper
111	100			
75	51.0	27.5	67.5	
127	34.4	15.3	55.3	
190	16.9	0.0	38.6	

