

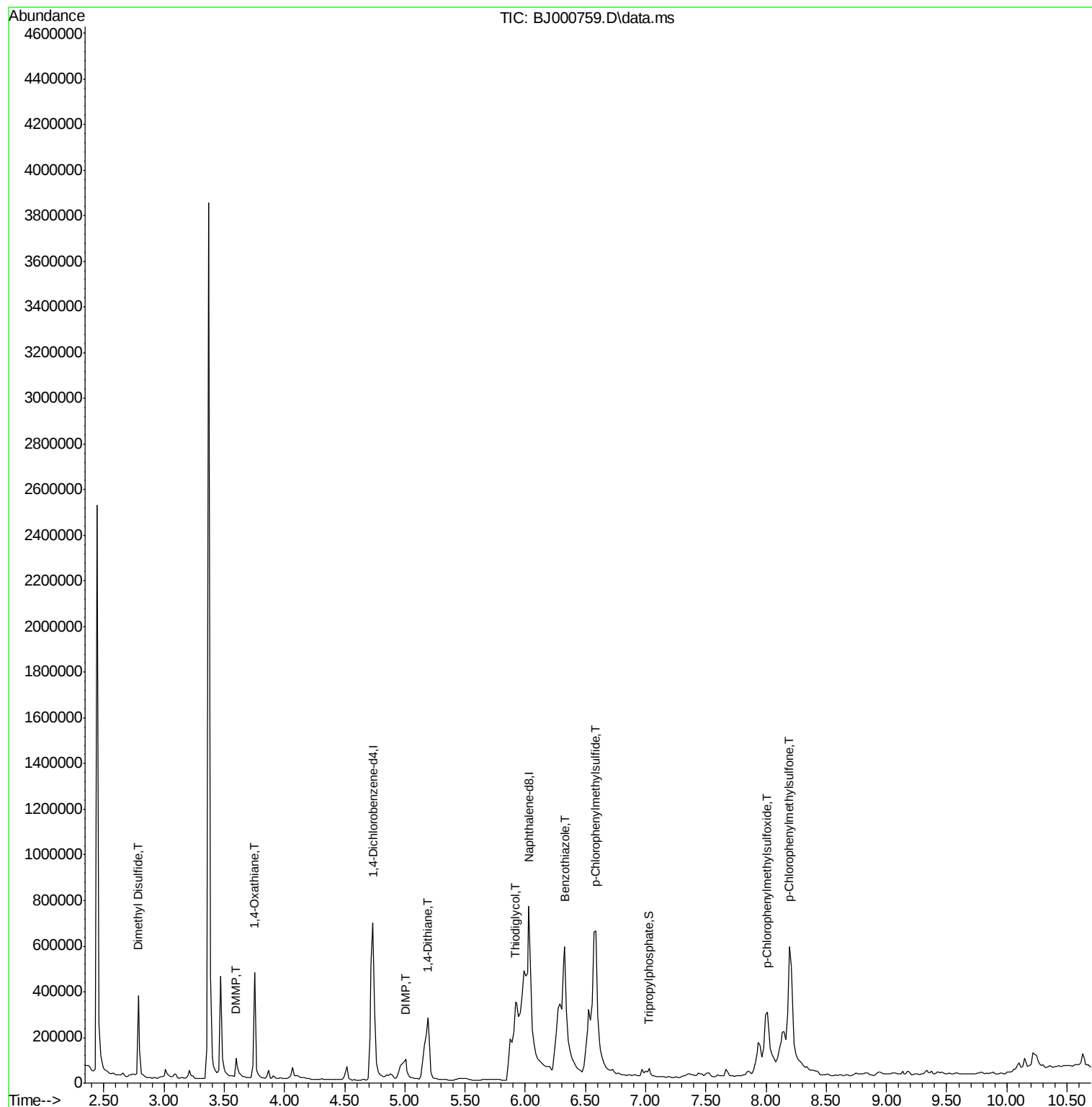
Data Path : Z:\HPCHEM1\BNA_J\data\BJ041712\
Data File : BJ000759.D
Acq On : 17 Apr 2012 15:10
Operator : HLM
Sample : CWA-ICV
Misc : BNA_J HLM
ALS Vial : 8 Sample Multiplier: 1

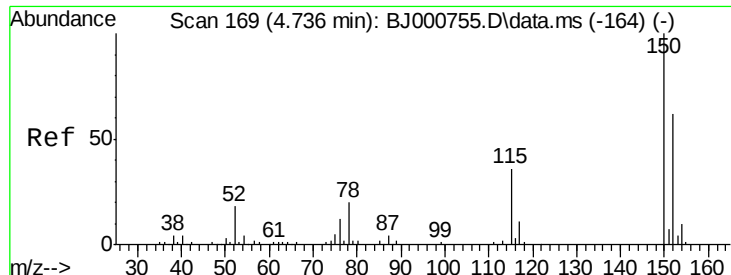
Instrument :
BNA_J
ClientSampleId :
CWA-ICV

Manual Integrations
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AHPatel
4/21/2012 4:18:11 AM

Quant Time: Apr 21 04:56:15 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M
Quant Title : CWA degradation products by GCMS
QLast Update : Tue Apr 17 17:08:29 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.736 min Scan# 16

Delta R.T. -0.001 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Instrument :

BNA_J

ClientSampleId :

CWA-ICV

Tgt Ion:152 Resp: 302671

Ion Ratio Lower Upper

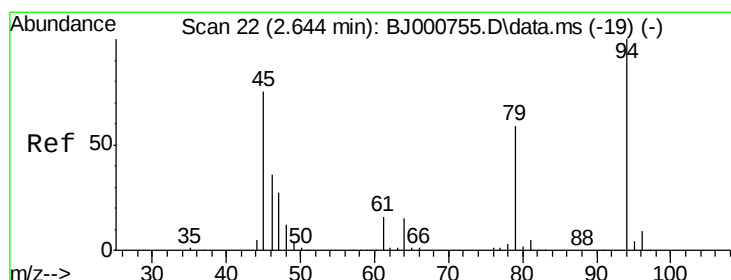
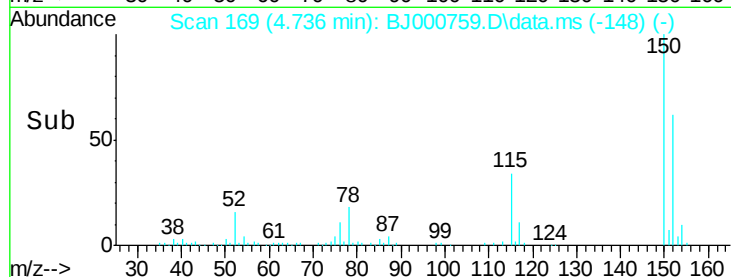
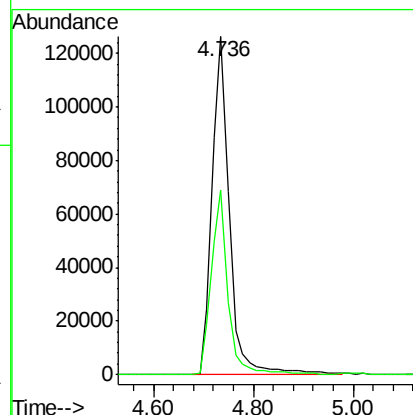
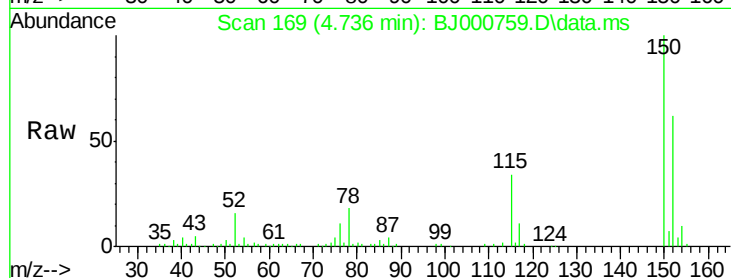
152 100

115 54.6 38.0 78.0

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#2

Dimethyl Disulfide

Concen: 1.13 ug/mL

RT: 2.786 min Scan# 32

Delta R.T. 0.142 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

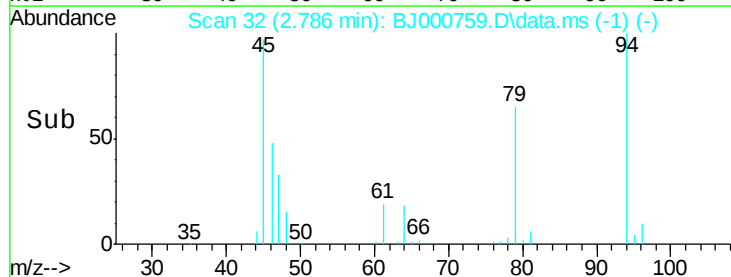
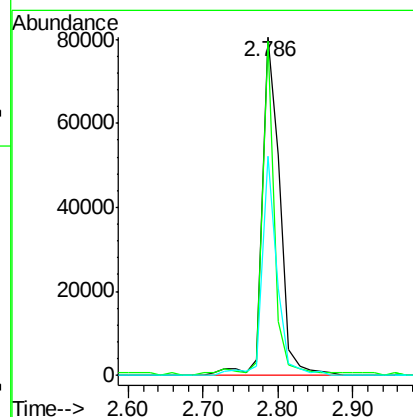
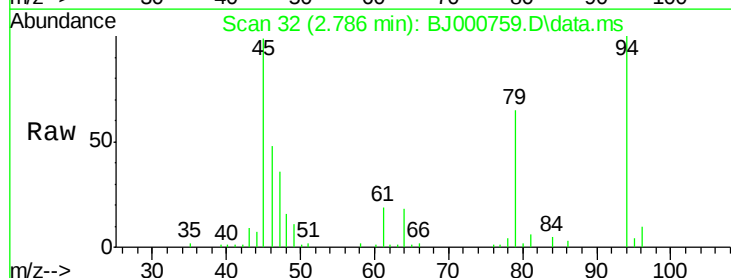
Tgt Ion: 94 Resp: 129945

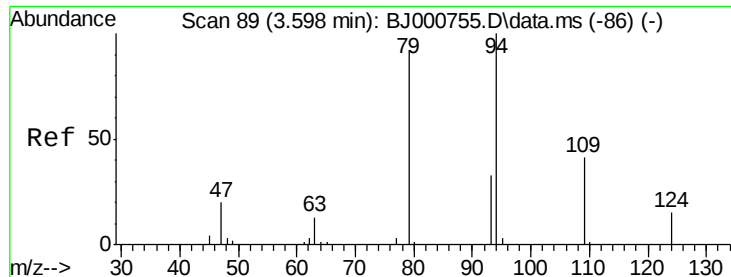
Ion Ratio Lower Upper

94 100

45 98.9 54.7 94.7#

79 65.0 38.8 78.8





#3

DMMP

Concen: 0.68 ug/mL

RT: 3.597 min Scan# 89

Delta R.T. -0.000 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Instrument :

BNA_J

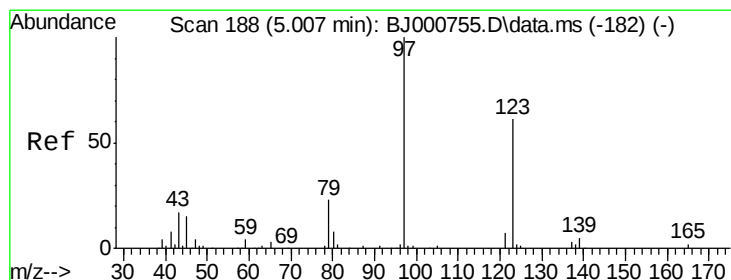
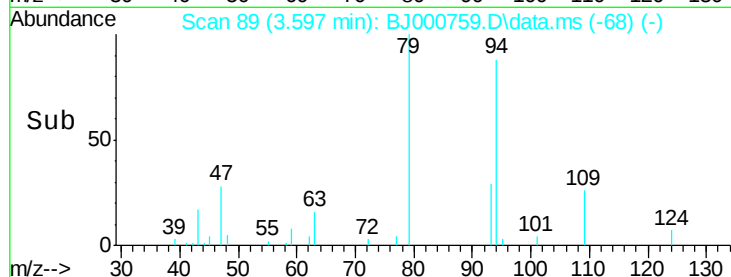
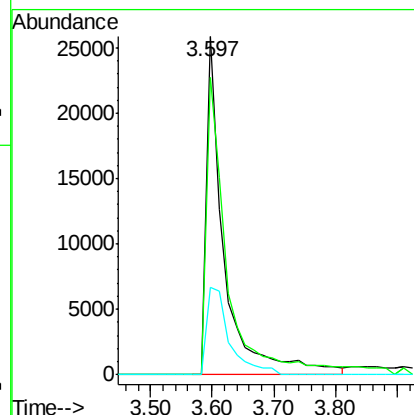
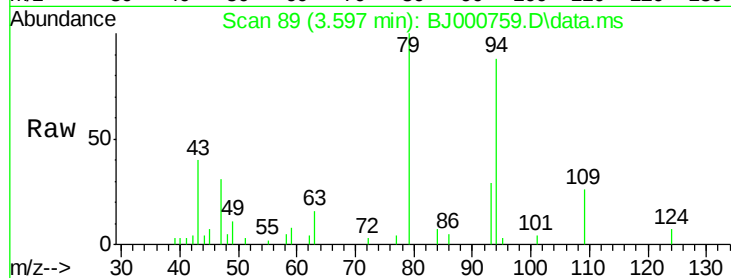
ClientSampleId :

CWA-ICV

Tgt Ion: 79 Resp: 51472
 Ion Ratio Lower Upper
 79 100
 94 87.8 88.2 128.2#
 109 25.7 24.6 64.6

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#4

DIMP

Concen: 0.52 ug/mL

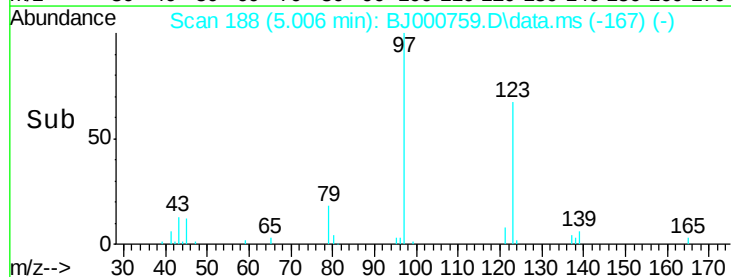
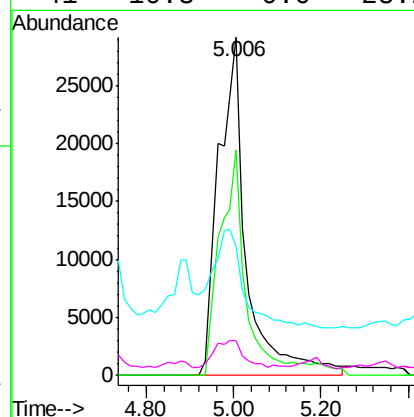
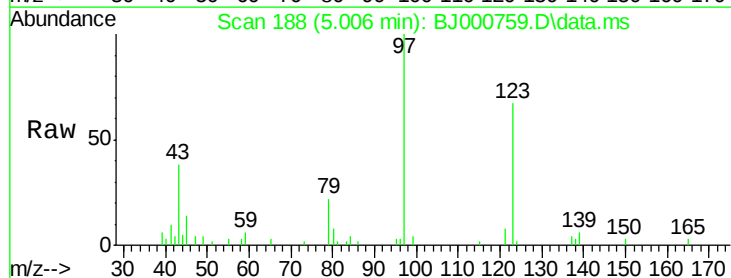
RT: 5.006 min Scan# 188

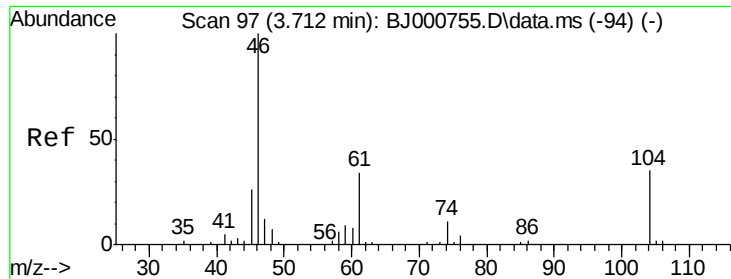
Delta R.T. -0.000 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion: 97 Resp: 128892
 Ion Ratio Lower Upper
 97 100
 123 66.7 41.1 81.1
 43 38.3 0.0 36.9#
 41 10.3 0.0 28.2





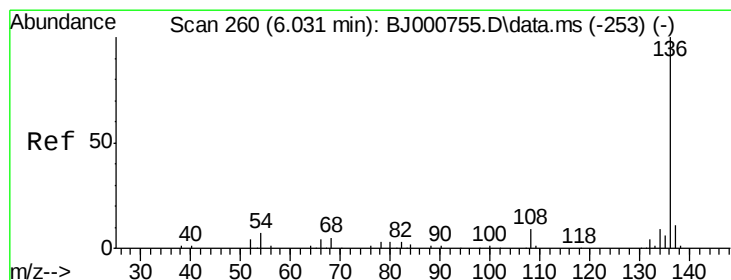
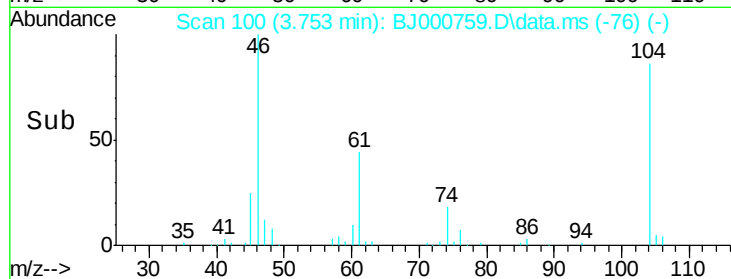
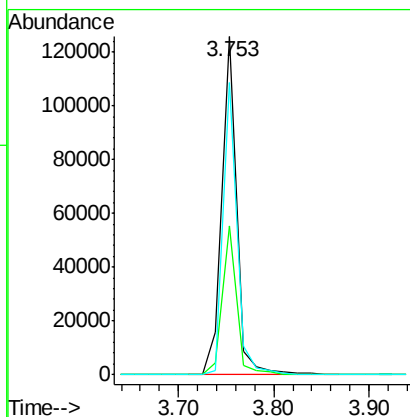
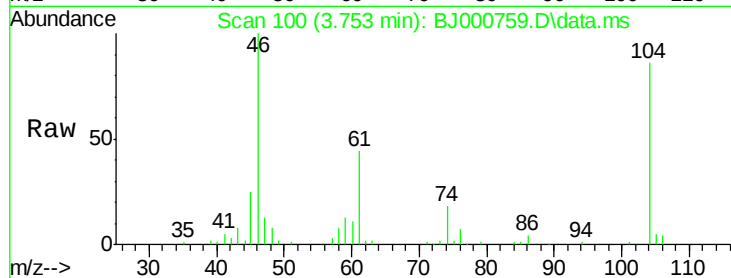
#5
 1,4-Oxathiane
 Concen: 1.27 ug/mL
 RT: 3.753 min Scan# 10
 Delta R.T. 0.042 min
 Lab File: BJ000759.D
 Acq: 17 Apr 2012 15:10

Instrument :
 BNA_J
 ClientSampleId :
 CWA-ICV

Tgt Ion	Ratio	Lower	Upper
46	100		
61	43.9	13.9	53.9
104	86.2	14.6	54.6

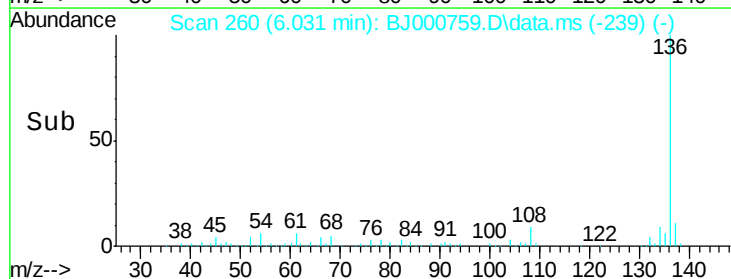
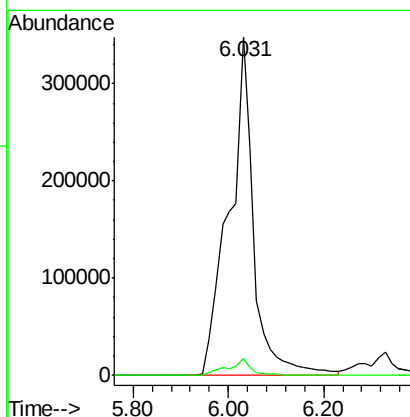
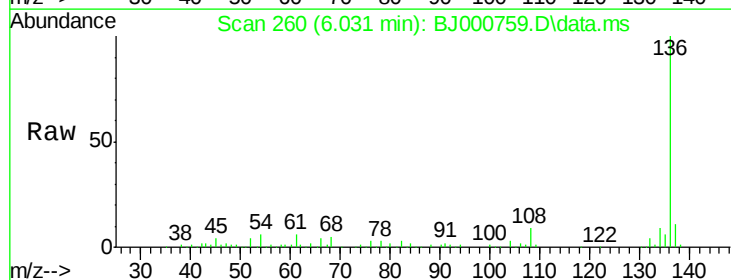
Manual Integrations
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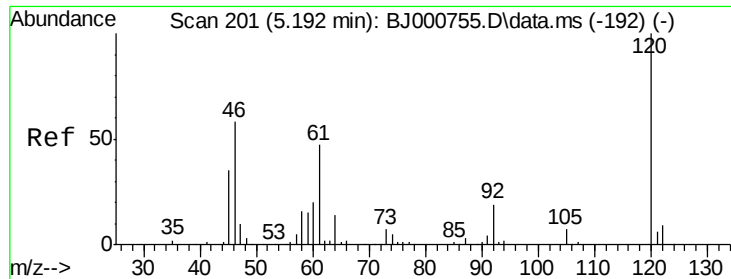
AHPatel
 4/21/2012 4:18:11 AM



#6
 Naphthalene-d8
 Concen: 2.00 ug/mL
 RT: 6.031 min Scan# 260
 Delta R.T. -0.001 min
 Lab File: BJ000759.D
 Acq: 17 Apr 2012 15:10

Tgt Ion	Ratio	Lower	Upper
136	100		
68	4.9	0.0	25.1





#7

1,4-Dithiane

Concen: 1.32 ug/mL

RT: 5.191 min Scan# 201

Delta R.T. -0.001 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Instrument :

BNA_J

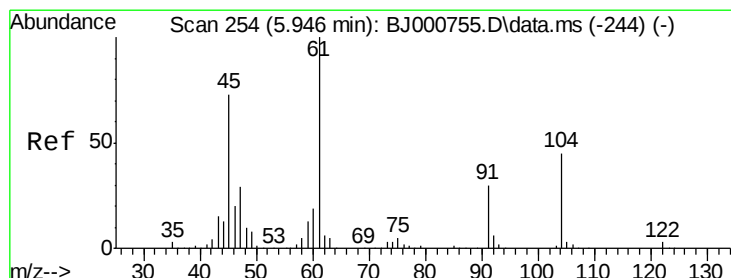
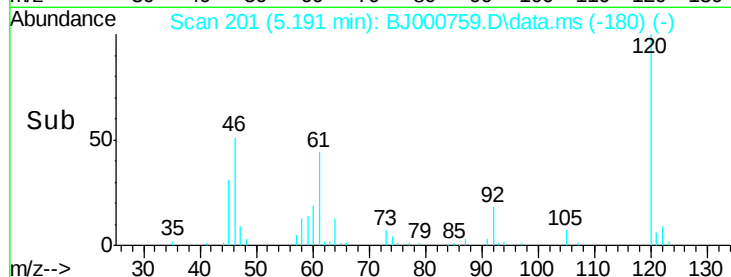
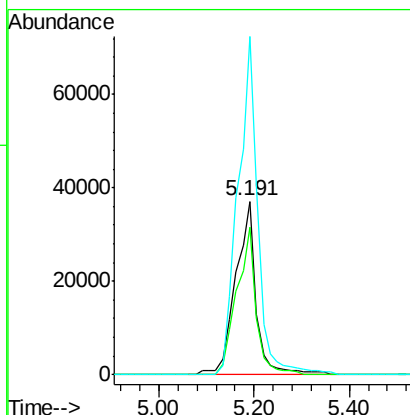
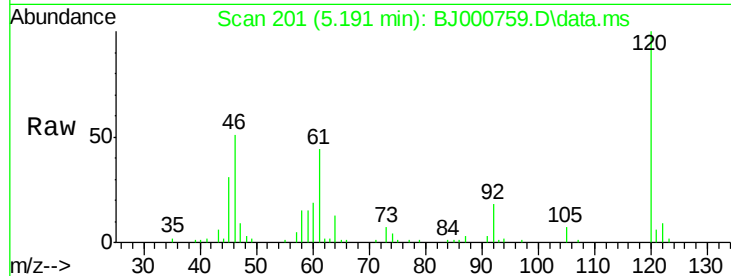
ClientSampleId :

CWA-ICV

Tgt Ion	Ratio	Resp	Lower	Upper
46	100			
61	84.8	61.1	101.1	
120	194.8	152.3	192.3	

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#8

Thiodiglycol

Concen: 10.41 ug/mL m

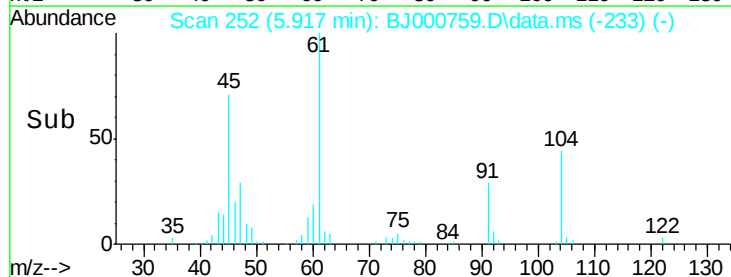
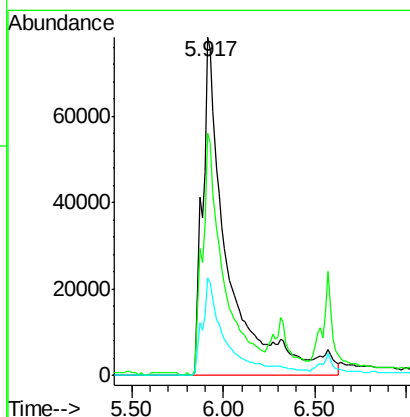
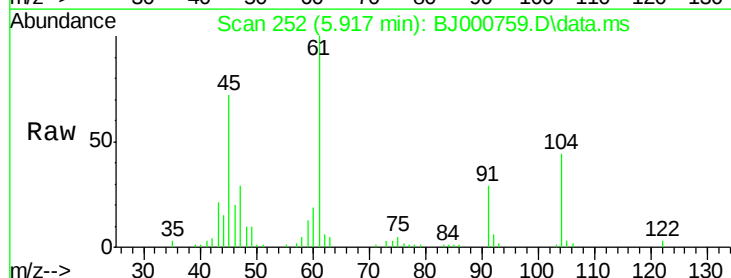
RT: 5.917 min Scan# 252

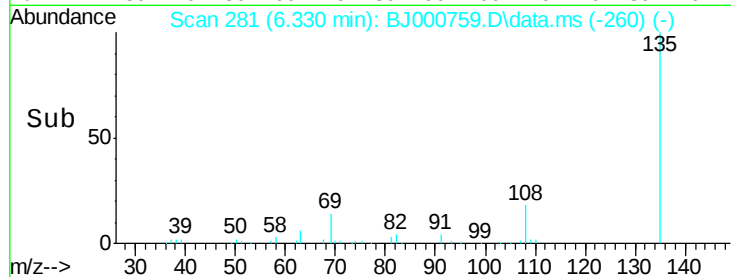
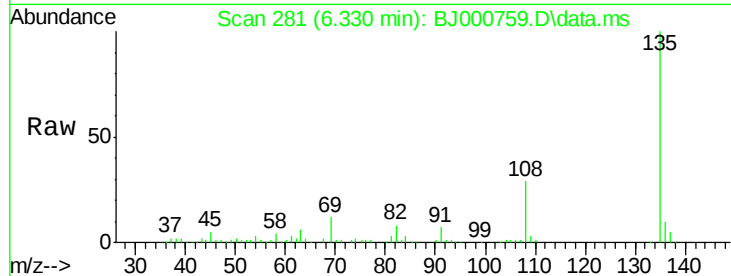
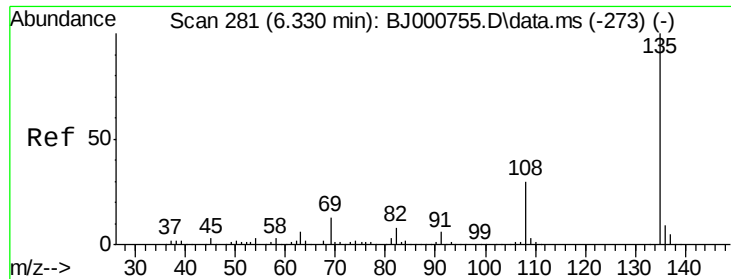
Delta R.T. -0.029 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
61	100			
45	71.7	53.3	93.3	
47	29.0	9.3	49.3	





#9

Benzothiazole

Concen: 3.09 ug/mL

RT: 6.330 min Scan# 281

Delta R.T. -0.001 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion:	135	Resp:	1043080
Ion Ratio	Lower	Upper	
135	100		
108	29.0	9.9	49.9
69	12.4	0.0	32.5

Instrument :

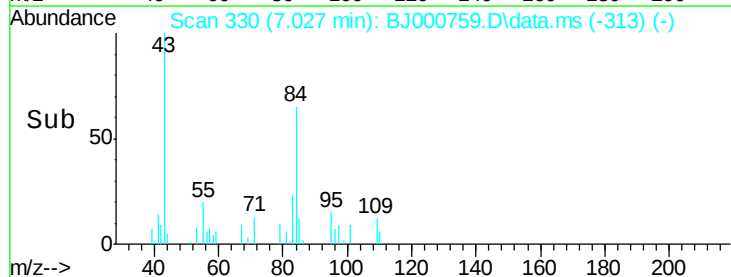
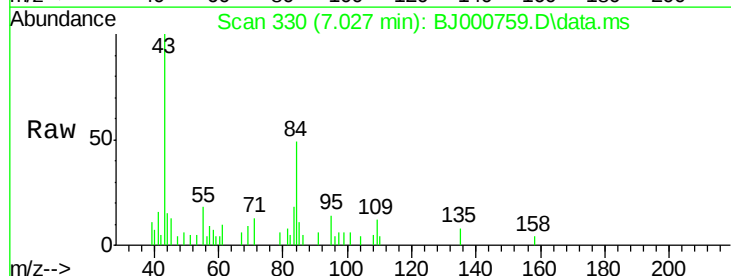
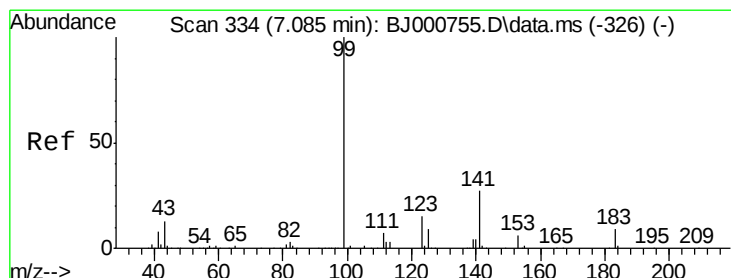
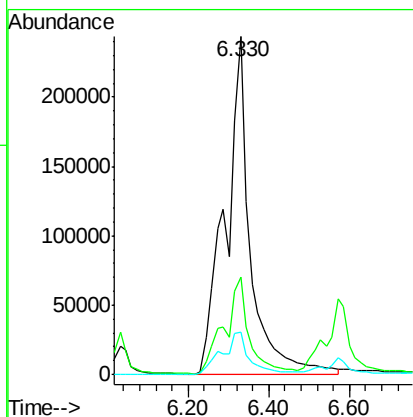
BNA_J

ClientSampleId :

CWA-ICV

Manual Integrations
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#10

Tripropylphosphate

Concen: 0.01 ug/mL

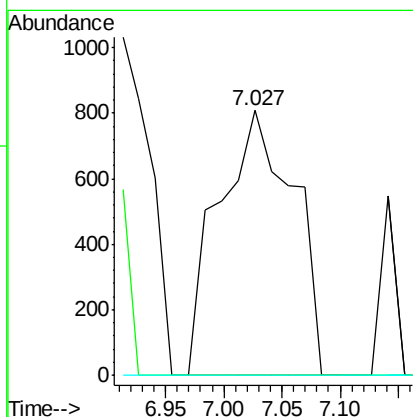
RT: 7.027 min Scan# 330

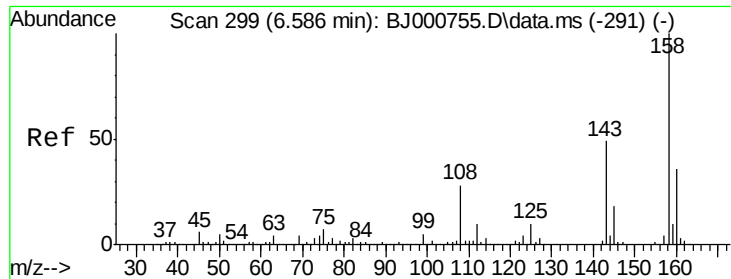
Delta R.T. -0.058 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion:	99	Resp:	3599
Ion Ratio	Lower	Upper	
99	100		
141	0.0	19.1	28.7#
183	0.0	6.2	9.2#





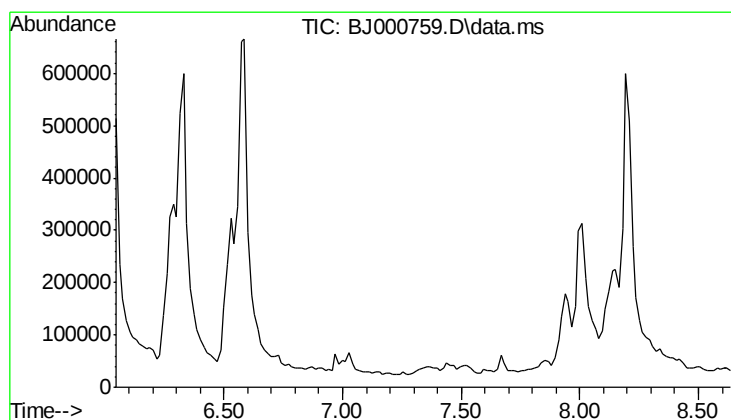
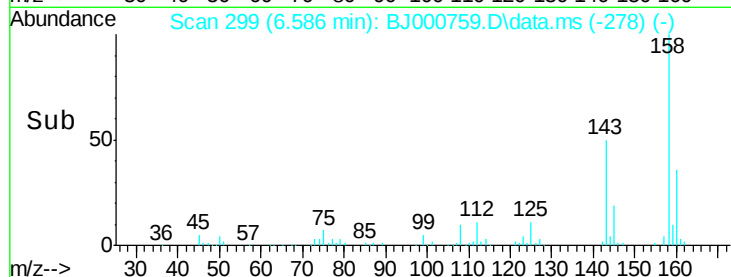
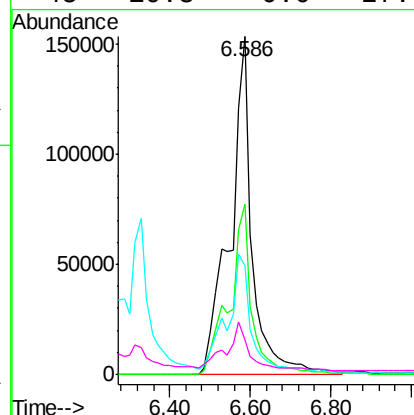
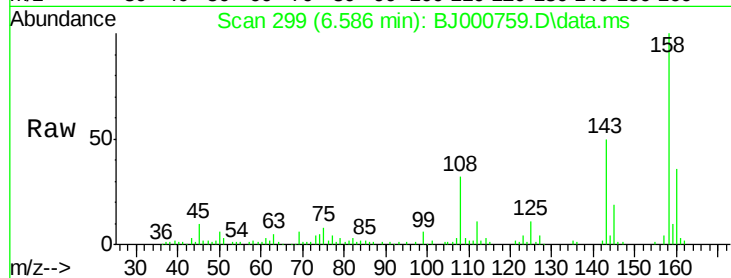
#11
p-Chlorophenylmethylsulfide
Concen: 2.56 ug/mL
RT: 6.586 min Scan# 29
Delta R.T. -0.001 min
Lab File: BJ000759.D
Acq: 17 Apr 2012 15:10

Instrument :
BNA_J
ClientSampleId :
CWA-ICV

Tgt Ion	Ratio	Resp Lower	Resp Upper
158	100		
143	50.4	28.9	68.9
108	32.2	8.9	48.9
45	10.3	0.0	27.0

Manual Integrations
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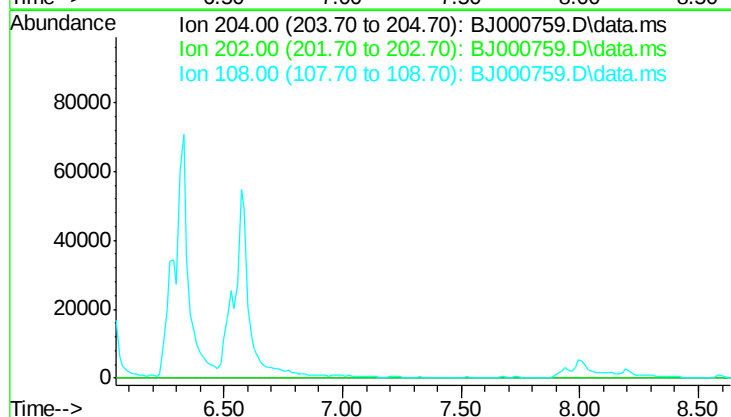
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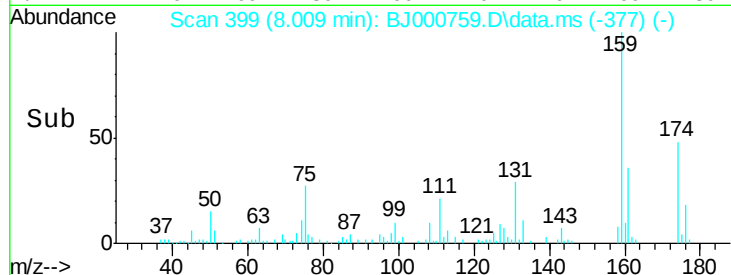
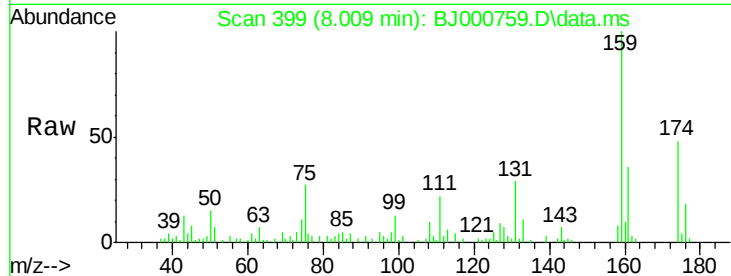
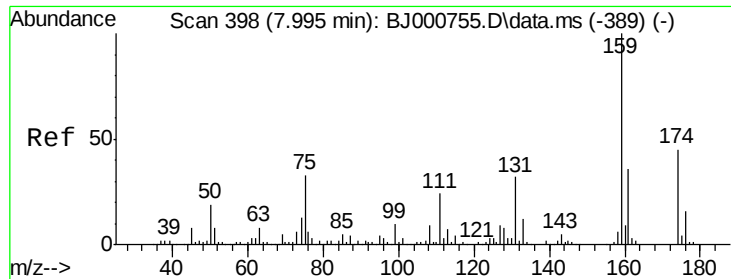


#12
2-Bromothioanisole
Concen: 0.00 ug/mL
Expected RT: 7.34 min

Lab File: BJ000759.D
Acq: 17 Apr 2012 15:10

Tgt Ion	Exp Ratio
204	100
202	102.0
108	54.9





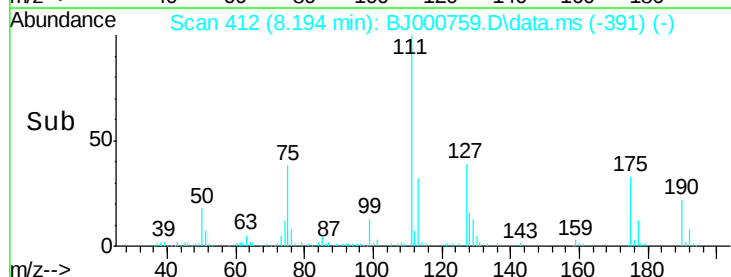
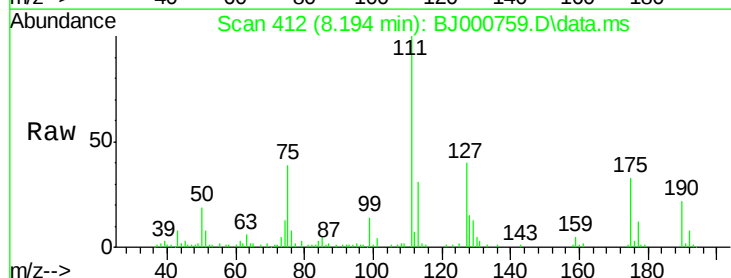
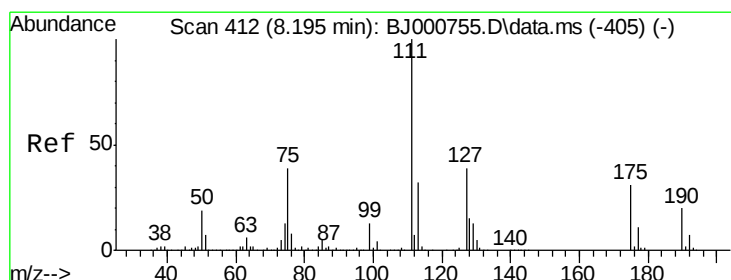
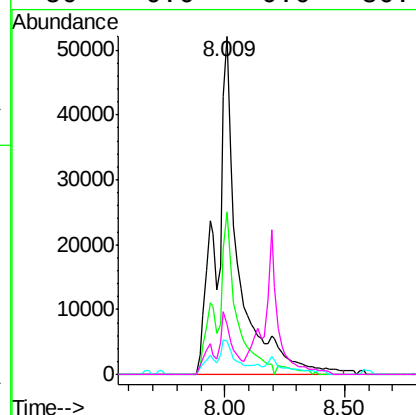
#13
p-Chlorophenylmethylsulfoxide
Concen: 2.74 ug/mL m
RT: 8.009 min Scan# 39
Delta R.T. 0.014 min
Lab File: BJ000759.D
Acq: 17 Apr 2012 15:10

Instrument :
BNA_J
ClientSampled :
CWA-ICV

Tgt Ion	Ratio	Resp Lower	Upper
159	100		
174	31.6	27.3	67.3
108	5.8	0.0	28.2
50	6.6	0.0	36.4

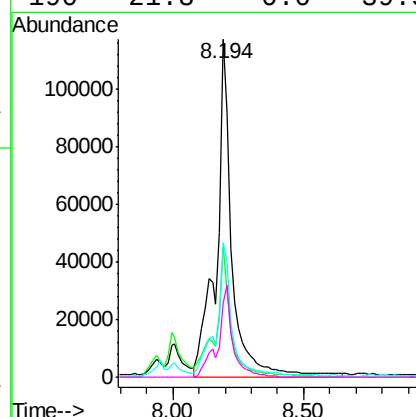
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#14
p-Chlorophenylmethylsulfone
Concen: 2.75 ug/mL m
RT: 8.194 min Scan# 412
Delta R.T. -0.001 min
Lab File: BJ000759.D
Acq: 17 Apr 2012 15:10

Tgt Ion	Ratio	Resp Lower	Upper
111	100		
75	38.6	20.1	60.1
127	39.7	18.5	58.5
190	21.8	0.0	39.5



Data Path : Z:\HPCHEM1\BNA_J\data\BJ041712\
 Data File : BJ000759.D
 Acq On : 17 Apr 2012 15:10
 Operator : HLM
 Sample : CWA-ICV
 Misc : BNA_J HLM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CWA-ICV

Manual Integrations
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 4/21/2012 4:18:11 AM

Quant Time: Apr 21 04:56:15 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Apr 17 17:08:29 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.736	152	302671	2.00	ug/mL	0.00
6) Naphthalene-d8	6.031	136	1231766	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	7.027	99	3599	0.01	ug/mL	-0.06
Spiked Amount 0.500	Range 70 - 130		Recovery	=	2.00%#	
12) 2-Bromothioanisole	0.000	204	0	0.00	ug/mL	
Spiked Amount 5.000	Range 70 - 130		Recovery	=	0.00%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.786	94	129945	1.13	ug/mL#	80
3) DMMP	3.597	79	51472	0.68	ug/mL#	78
4) DIMP	5.006	97	128892	0.52	ug/mL#	84
5) 1,4-Oxathiane	3.753	46	134291	1.27	ug/mL#	46
7) 1,4-Dithiane	5.191	46	111316	1.32	ug/mL#	88
8) Thiodiglycol	5.917	61	742874m	10.41	ug/mL	
9) Benzothiazole	6.330	135	1043080	3.09	ug/mL	99
11) p-Chlorophenylmethyisu...	6.586	158	585146	2.56	ug/mL	96
13) p-Chlorophenylmethyisu...	8.009	159	326878m	2.74	ug/mL	
14) p-Chlorophenylmethyisu...	8.194	111	489963m	2.75	ug/mL	

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