

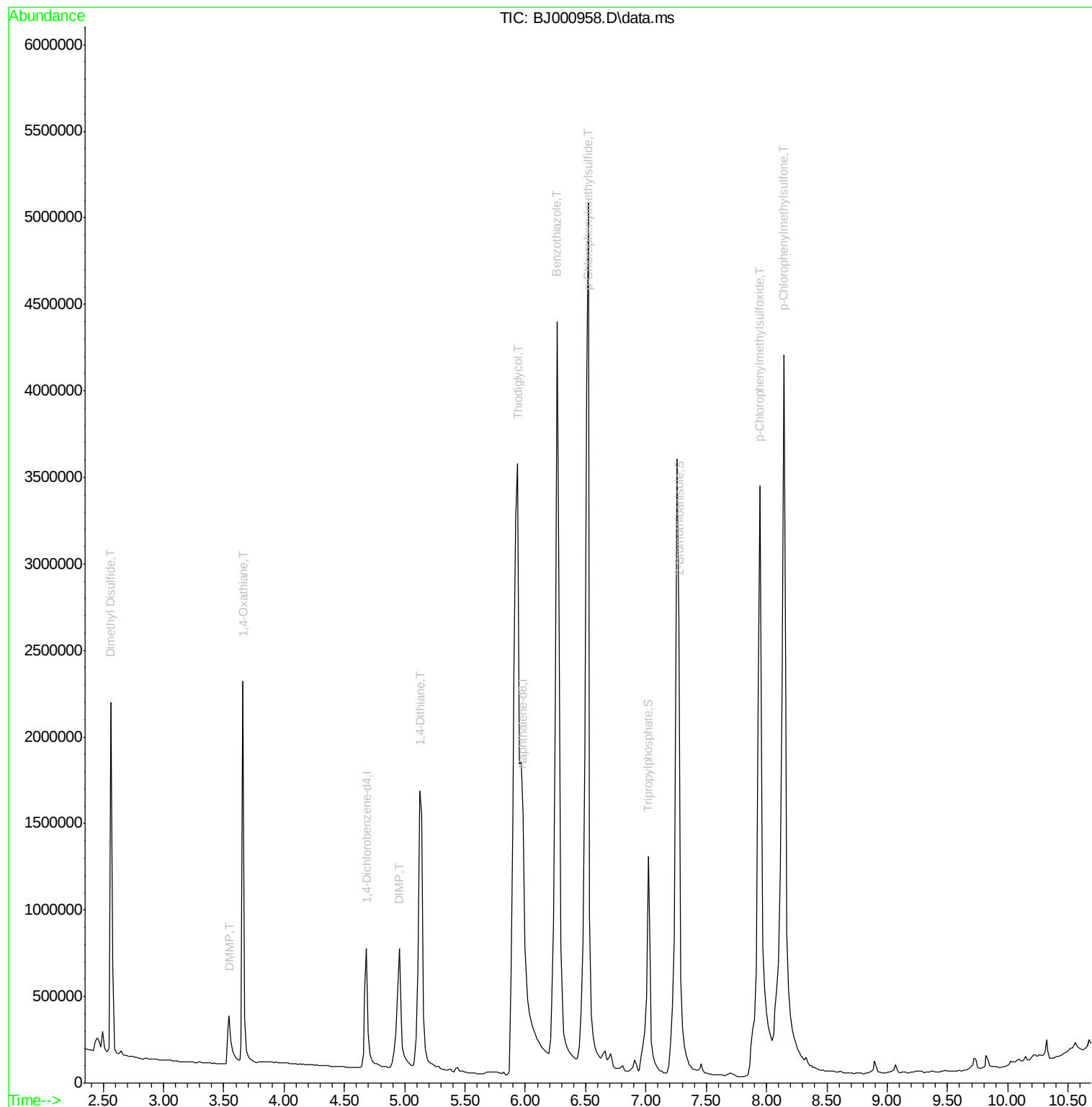
Data Path : Z:\HPCHEM1\BNA_J\data\BJ062712\
Data File : BJ000958.D
Acq On : 27 Jun 2012 13:45
Operator : HLM
Sample : CWA-4
Misc : BNA_J HLM
ALS Vial : 2 Sample Multiplier: 1

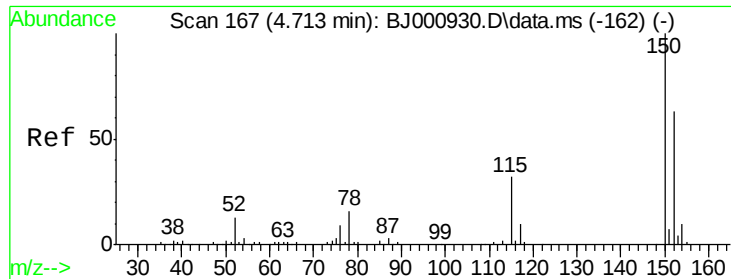
Instrument :
BNA_J
ClientSampleId :
CWA-CCV

Manual Integrations
APPROVED

AHPatel
7/10/2012 1:25:47 AM

Quant Time: Jul 02 00:56:45 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
Quant Title : CWA degradation products by GCMS
QLast Update : Thu Jun 28 10:45:59 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.684 min Scan# 16

Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Instrument :

BNA_J

ClientSampleId :

CWA-CCV

Tgt Ion:152 Resp: 286071

Ion Ratio Lower Upper

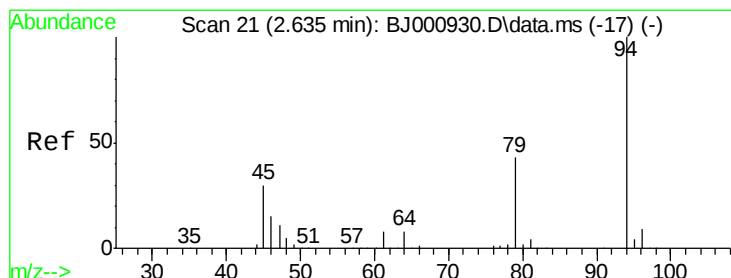
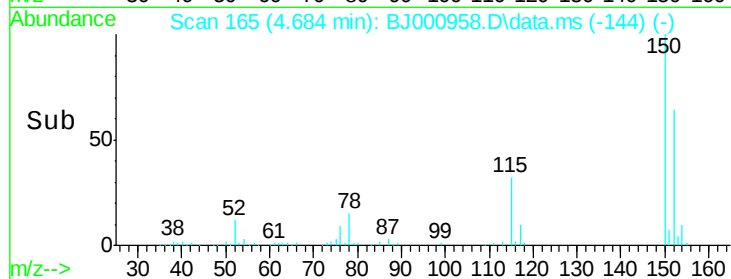
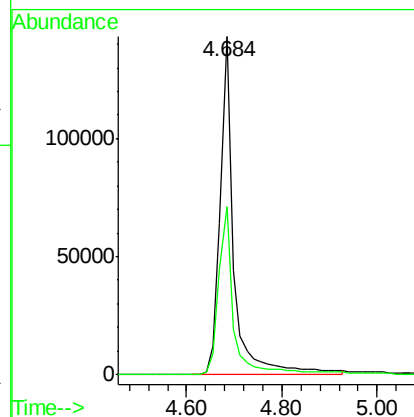
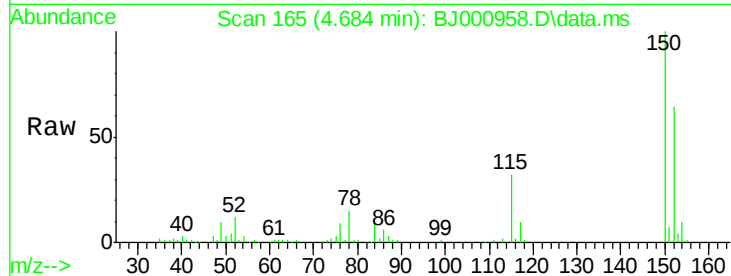
152 100

115 49.6 29.6 69.6

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#2

Dimethyl Disulfide

Concen: 6.87 ug/mL

RT: 2.564 min Scan# 16

Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

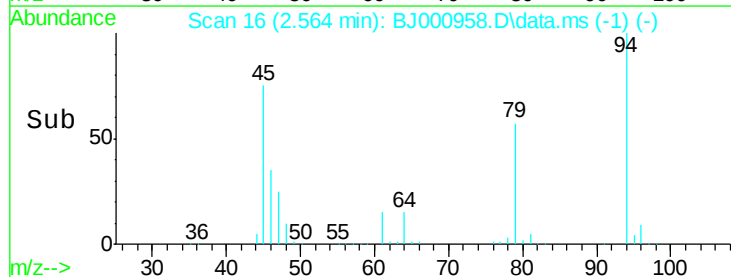
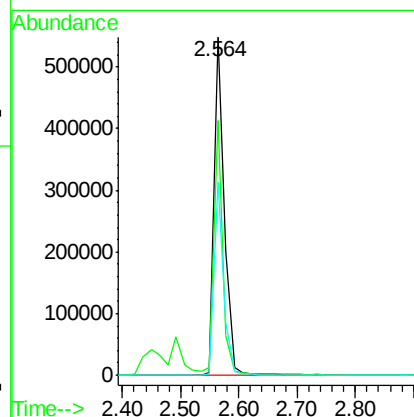
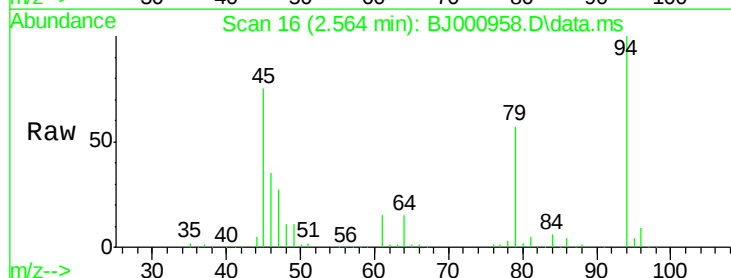
Tgt Ion: 94 Resp: 666782

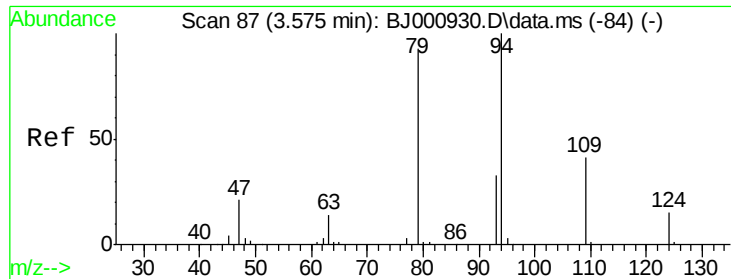
Ion Ratio Lower Upper

94 100

45 75.3 55.3 95.3

79 57.3 37.3 77.3





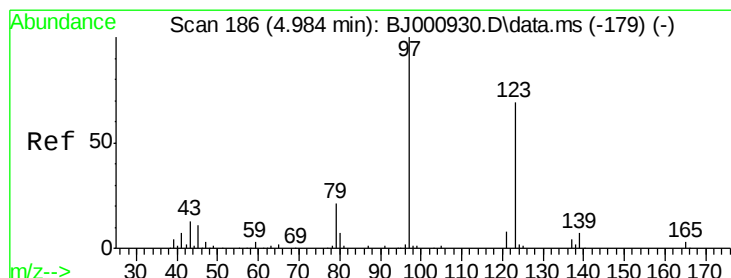
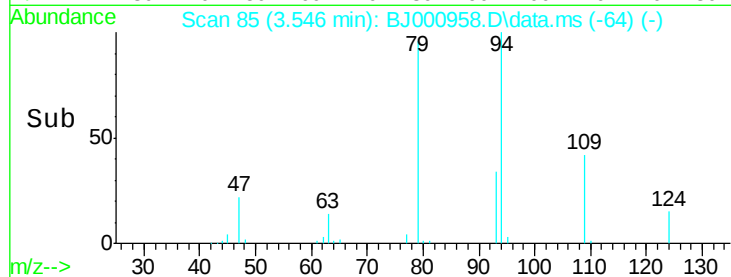
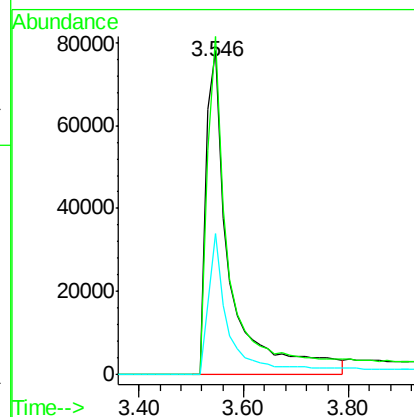
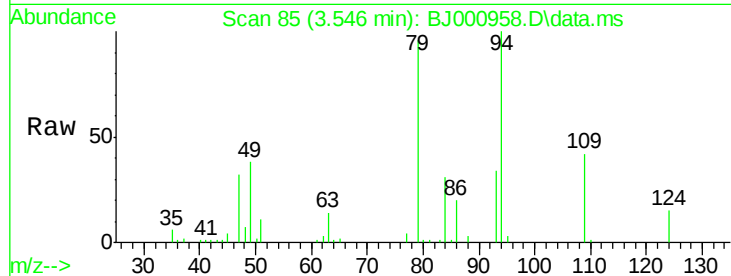
#3
DMMP
Concen: 2.32 ug/mL
RT: 3.546 min Scan# 85
Delta R.T. 0.000 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Instrument :
BNA_J
ClientSampleId :
CWA-CCV

Tgt Ion: 79 Resp: 247909
Ion Ratio Lower Upper
79 100
94 104.5 84.5 124.5
109 43.4 23.4 63.4

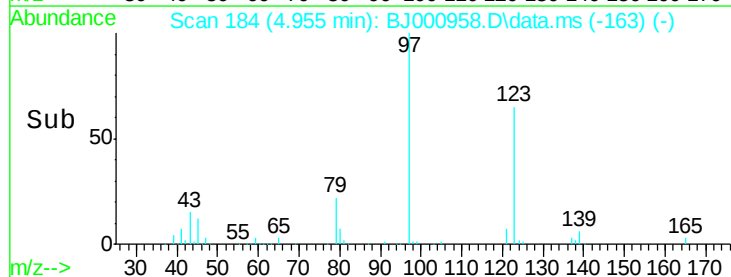
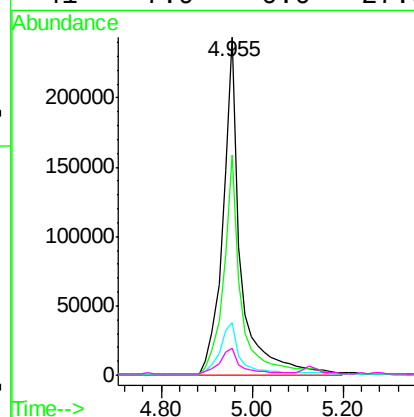
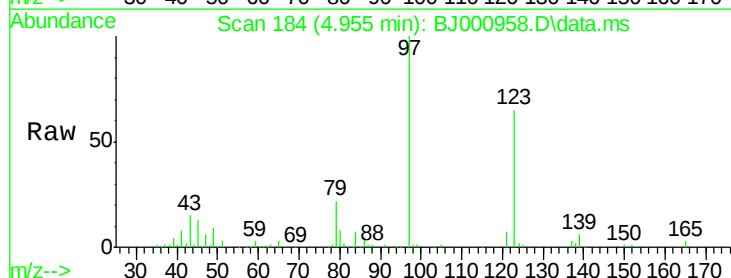
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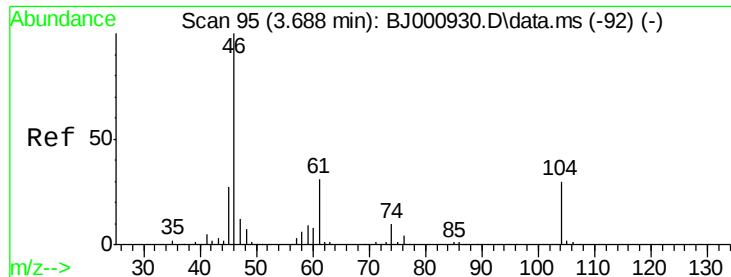
AHPatel
7/10/2012 1:25:47 AM



#4
DIMP
Concen: 2.69 ug/mL
RT: 4.955 min Scan# 184
Delta R.T. 0.000 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Tgt Ion: 97 Resp: 658474
Ion Ratio Lower Upper
97 100
123 65.3 45.3 85.3
43 15.5 0.0 35.5
41 7.9 0.0 27.9





#5

1,4-Oxathiane

Concen: 7.43 ug/mL

RT: 3.659 min Scan# 93

Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Instrument :

BNA_J

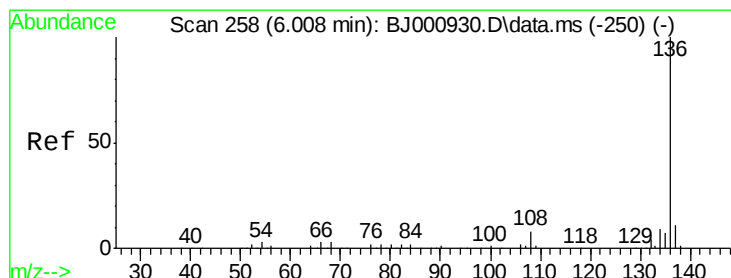
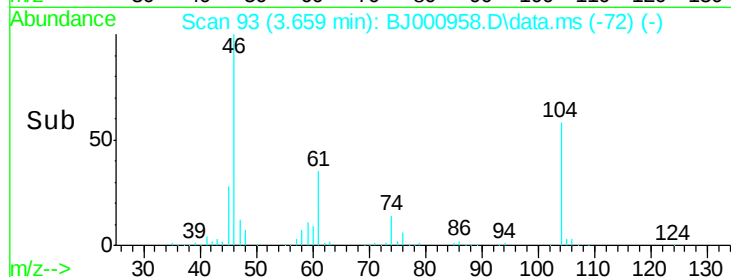
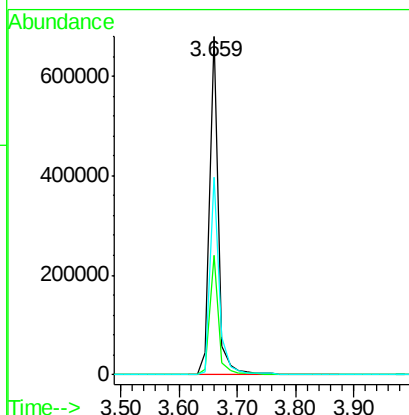
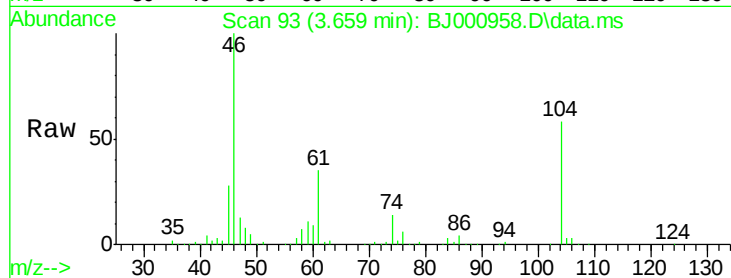
ClientSampleId :

CWA-CCV

Tgt Ion:	46	Resp:	710020
Ion Ratio	Lower	Upper	
46	100		
61	35.3	15.3	55.3
104	58.4	38.4	78.4

Manual Integrations
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#6

Naphthalene-d8

Concen: 2.00 ug/mL

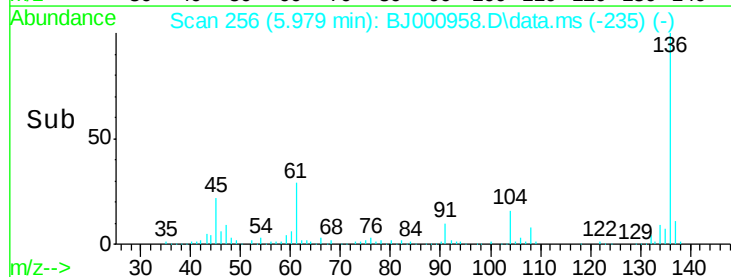
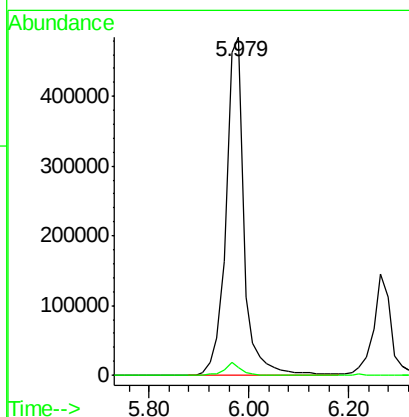
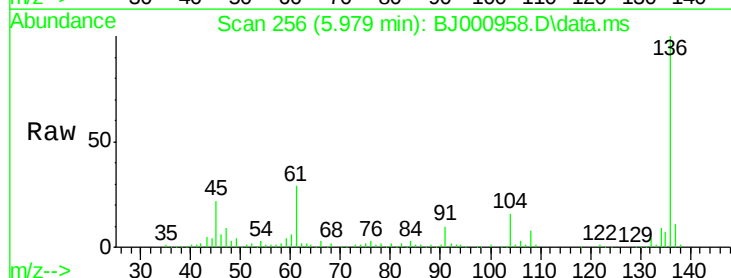
RT: 5.979 min Scan# 256

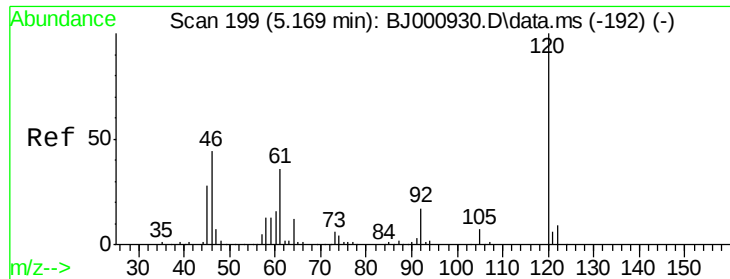
Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Tgt Ion:	136	Resp:	1220439
Ion Ratio	Lower	Upper	
136	100		
68	2.3	0.0	22.3





#7

1,4-Dithiane

Concen: 6.26 ug/mL

RT: 5.125 min Scan# 19

Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Instrument :

BNA_J

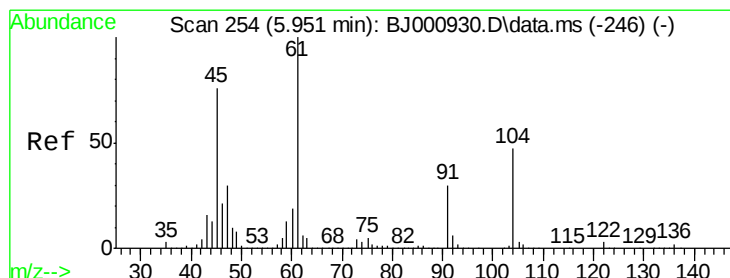
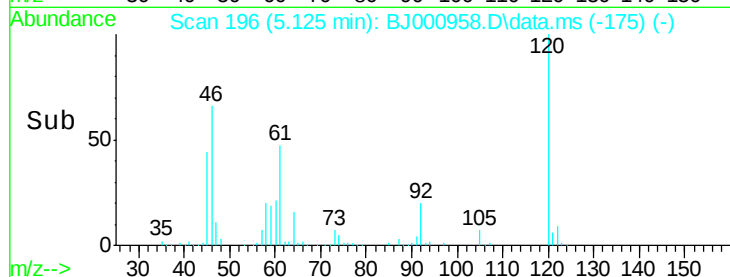
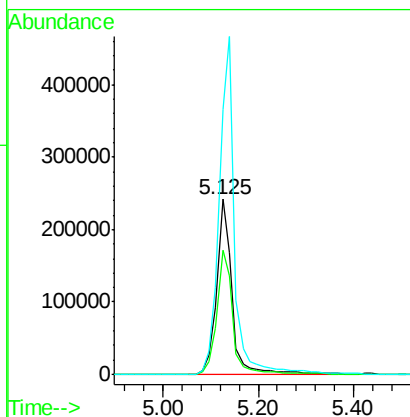
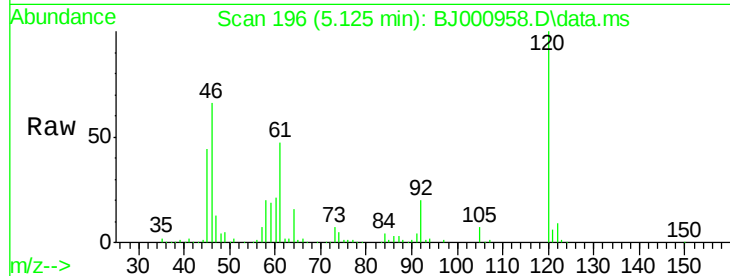
ClientSampleId :

CWA-CCV

Tgt Ion	Ratio	Lower	Upper
46	100		
61	70.6	50.6	90.6
120	151.1	131.1	171.1

Manual Integrations
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#8

Thiodiglycol

Concen: 48.21 ug/mL m

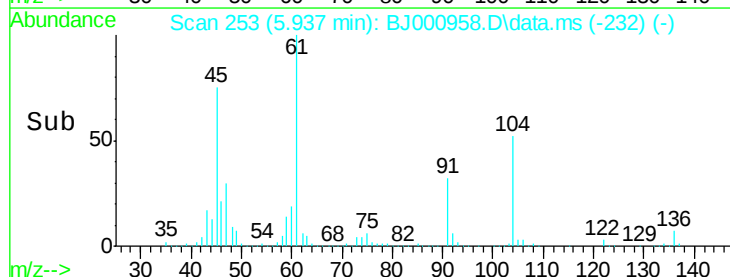
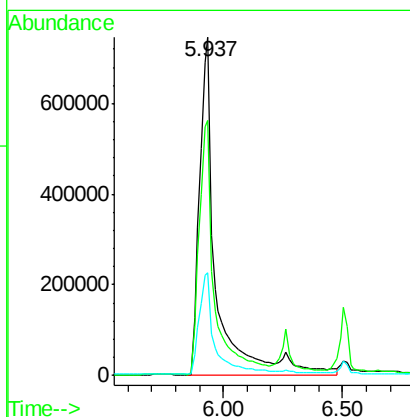
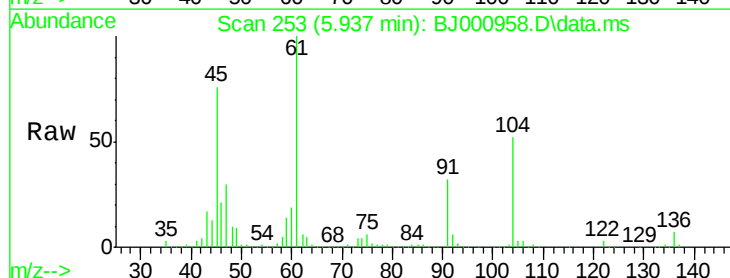
RT: 5.937 min Scan# 253

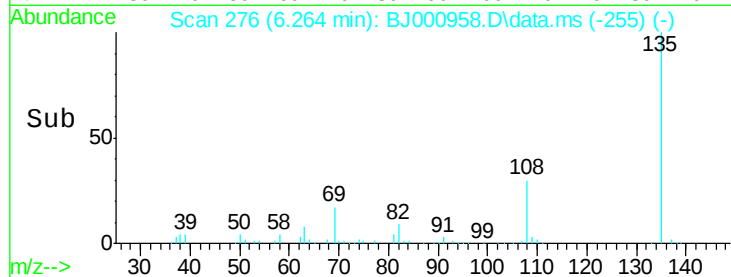
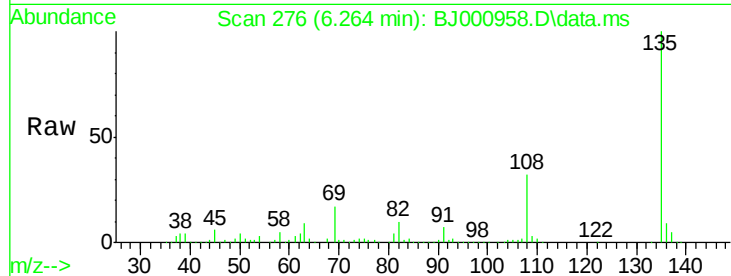
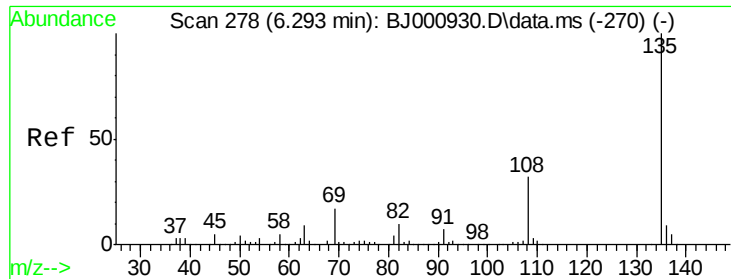
Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Tgt Ion	Ratio	Lower	Upper
61	100		
45	75.5	55.5	95.5
47	30.4	10.4	50.4





#9

Benzothiazole

Concen: 12.48 ug/mL

RT: 6.264 min Scan# 27

Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Tgt Ion:	135	Resp:	4183424
Ion Ratio	Lower	Upper	
135	100		
108	32.4	12.4	52.4
69	16.7	0.0	36.7

Instrument :

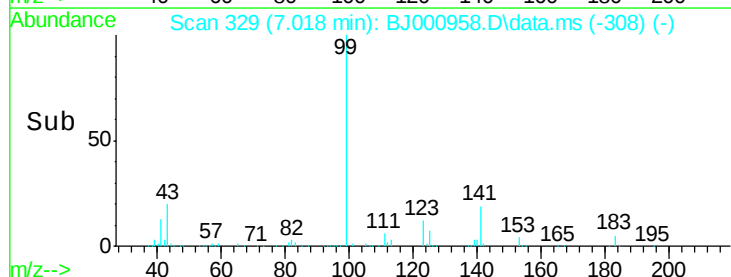
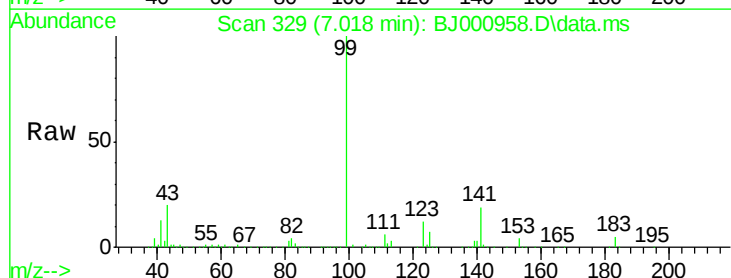
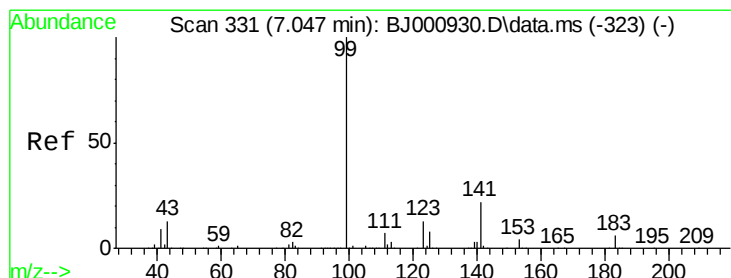
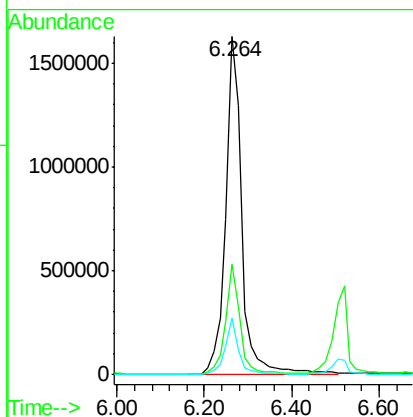
BNA_J

ClientSampleId :

CWA-CCV

Manual Integrations
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7/10/2012 1:25:47 AM



#10

Tripropylphosphate

Concen: 2.57 ug/mL

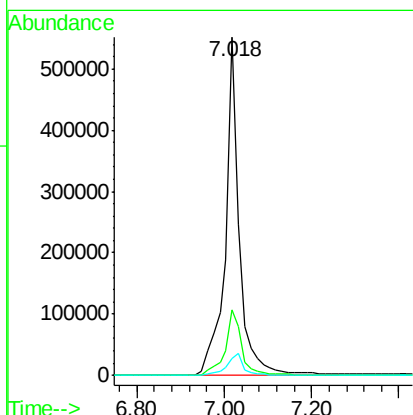
RT: 7.018 min Scan# 329

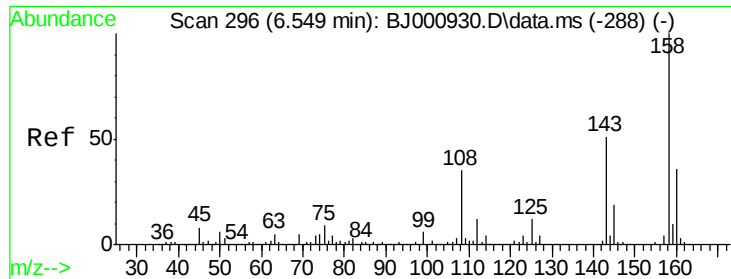
Delta R.T. 0.000 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Tgt Ion:	99	Resp:	1224570
Ion Ratio	Lower	Upper	
99	100		
141	23.0	18.4	27.6
183	7.5	6.0	9.0





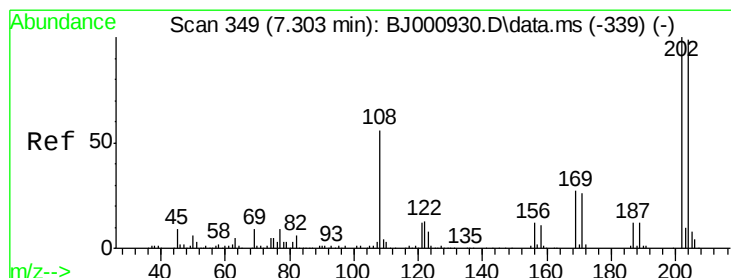
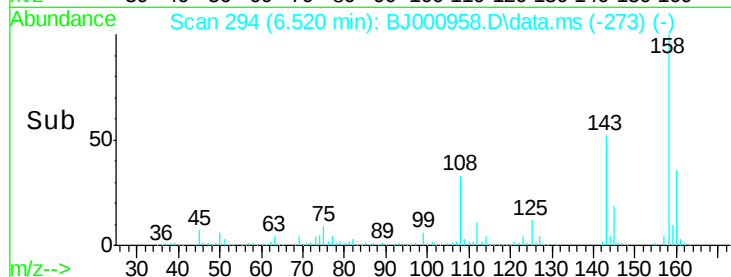
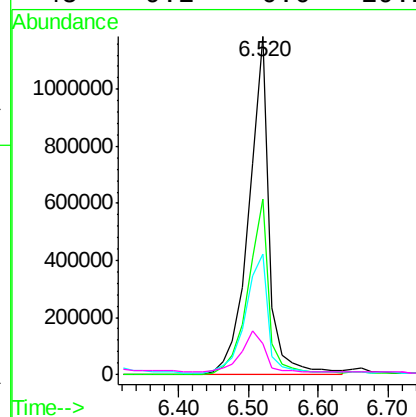
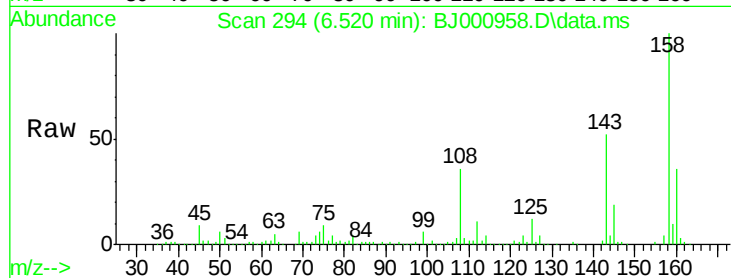
#11
p-Chlorophenylmethylsulfide
Concen: 11.53 ug/mL
RT: 6.520 min Scan# 29
Delta R.T. 0.000 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Instrument :
BNA_J
ClientSampleId :
CWA-CCV

Tgt Ion	Ratio	Lower	Upper
158	100		
143	51.9	31.9	71.9
108	35.8	15.8	55.8
45	9.2	0.0	29.2

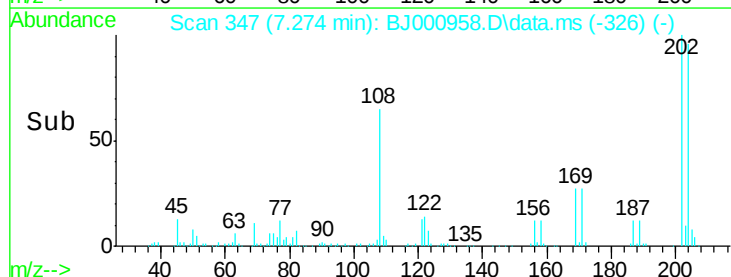
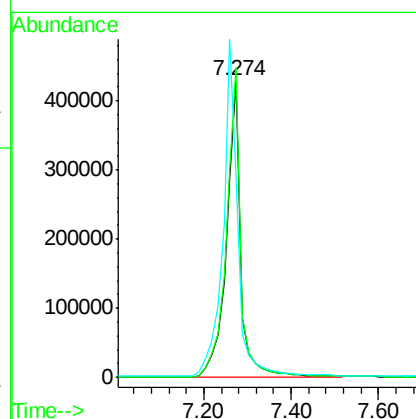
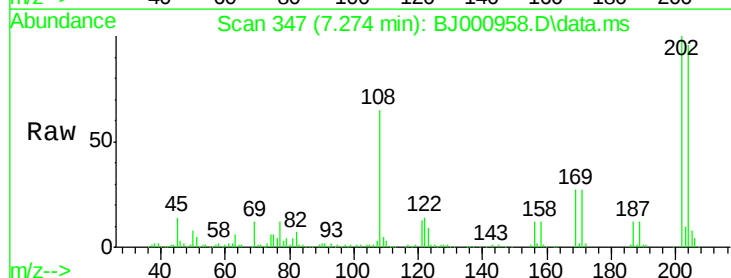
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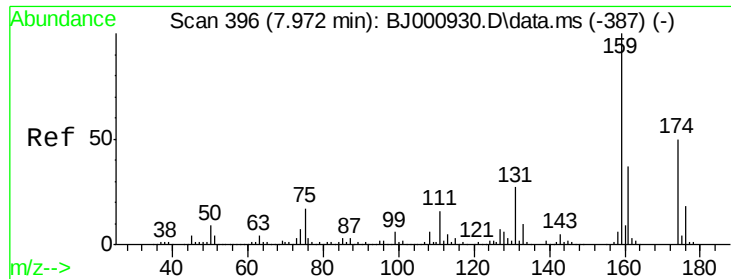
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#12
2-Bromothioanisole
Concen: 11.95 ug/mL
RT: 7.274 min Scan# 347
Delta R.T. 0.000 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Tgt Ion	Ratio	Lower	Upper
204	100		
202	104.6	84.6	124.6
108	68.1	48.1	88.1





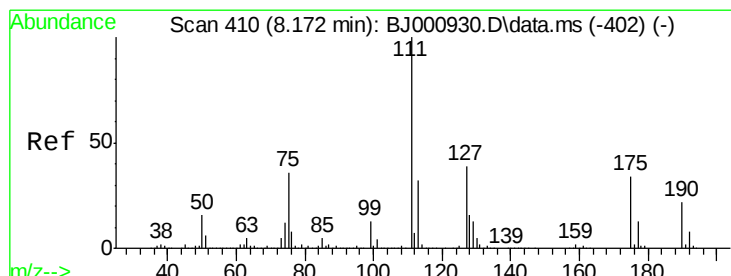
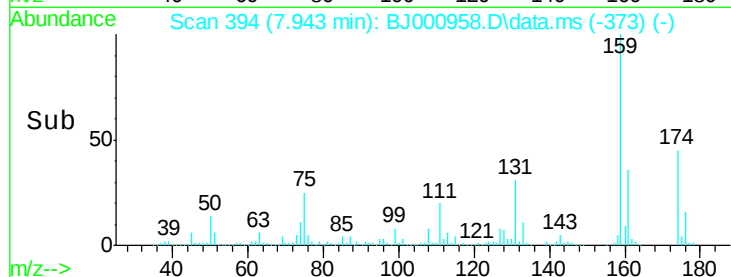
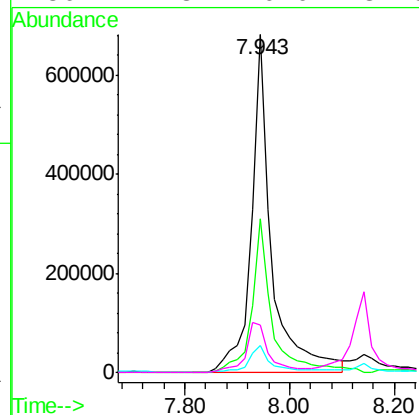
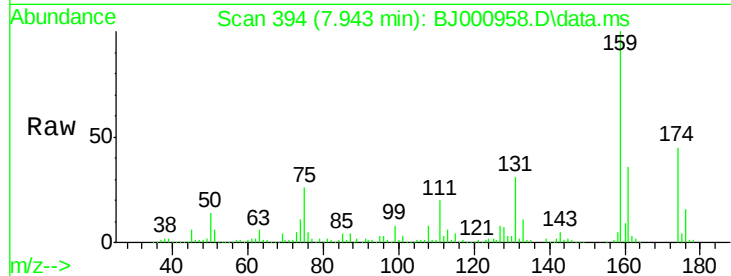
#13
p-Chlorophenylmethylsulfoxide
Concen: 13.78 ug/mL
RT: 7.943 min Scan# 39
Delta R.T. 0.000 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Instrument :
BNA_J
ClientSampleId :
CWA-CCV

Tgt Ion	Ratio	Resp	Lower	Upper
159	100	1810150		
174	46.0	26.0	66.0	
108	8.6	0.0	28.6	
50	17.3	0.0	37.3	

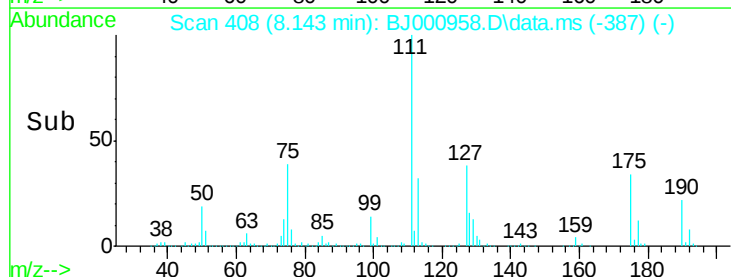
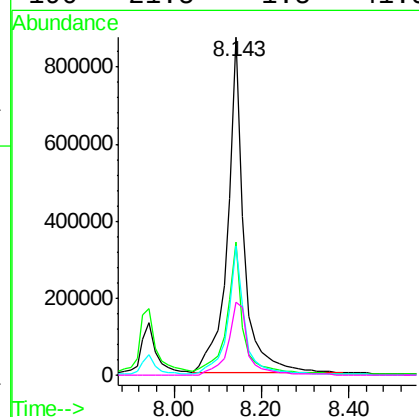
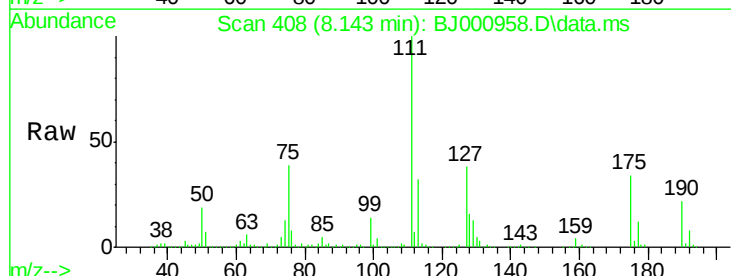
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#14
p-Chlorophenylmethylsulfone
Concen: 12.66 ug/mL
RT: 8.143 min Scan# 408
Delta R.T. 0.000 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
111	100	2248079		
75	39.3	19.3	59.3	
127	38.4	18.4	58.4	
190	21.5	1.5	41.5	



Data Path : Z:\HPCHEM1\BNA_J\data\BJ062712\
 Data File : BJ000958.D
 Acq On : 27 Jun 2012 13:45
 Operator : HLM
 Sample : CWA-4
 Misc : BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CWA-CCV

Manual Integrations
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AHPatel
 7/10/2012 1:25:47 AM

Quant Time: Jul 02 00:56:45 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Thu Jun 28 10:45:59 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.684	152	286071	2.00	ug/mL	0.00
6) Naphthalene-d8	5.979	136	1220439	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	7.018	99	1224570	2.57	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	514.00%#	
12) 2-Bromothioanisole	7.274	204	995707	11.95	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	239.00%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.564	94	666782	6.87	ug/mL	100
3) DMMP	3.546	79	247909	2.32	ug/mL	100
4) DIMP	4.955	97	658474	2.69	ug/mL	100
5) 1,4-Oxathiane	3.659	46	710020	7.43	ug/mL	100
7) 1,4-Dithiane	5.125	46	544021	6.26	ug/mL	100
8) Thiodiglycol	5.937	61	3658226m	48.21	ug/mL	
9) Benzothiazole	6.264	135	4183424	12.48	ug/mL	100
11) p-Chlorophenylmethyisu...	6.520	158	2425961	11.53	ug/mL	100
13) p-Chlorophenylmethyisu...	7.943	159	1810150	13.78	ug/mL	100
14) p-Chlorophenylmethyisu...	8.143	111	2248079	12.66	ug/mL	100

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