

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034106.D
 Acq On : 2 May 2018 8:39
 Operator : SJ/JU
 Sample : J2133-09
 Misc : 5PPM MDL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Manual Integrations
 APPROVED

Sohil
 5/2/2018 4:51:04 PM

Quant Time: May 02 13:51:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62937	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	253001	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	191694	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	505636	20.00	ng	0.00
75) Chrysene-d12	21.76	240	606125	20.00	ng	0.00
86) Perylene-d12	25.06	264	581110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	532245	136.63	ng	0.00
7) Phenol-d6	7.22	99	775241	127.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	557117	84.49	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	349703	131.74	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1143027m	86.89	ng	0.00
78) Terphenyl-d14	20.09	244	2224992	80.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.56	88	9238	5.647	ng	Qvalue # 73
3) Pyridine	3.96	79	28601m	5.572	ng	
4) n-Nitrosodimethylamine	3.88	42	14511	5.185	ng	# 77
32) Benzoic acid	10.17	122	220m	3.184	ng	
33) 4-Chloroaniline	11.04	127	30878	5.149	ng	95
35) Caprolactam	11.78	113	7589	4.614	ng	# 88
52) 3-Nitroaniline	14.61	138	14536	4.517	ng	84
55) 4-Nitrophenol	14.89	139	10224	4.163	ng	# 59
64) 4,6-Dinitro-2-methylphenol	15.83	198	10094	4.246	ng	# 70

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

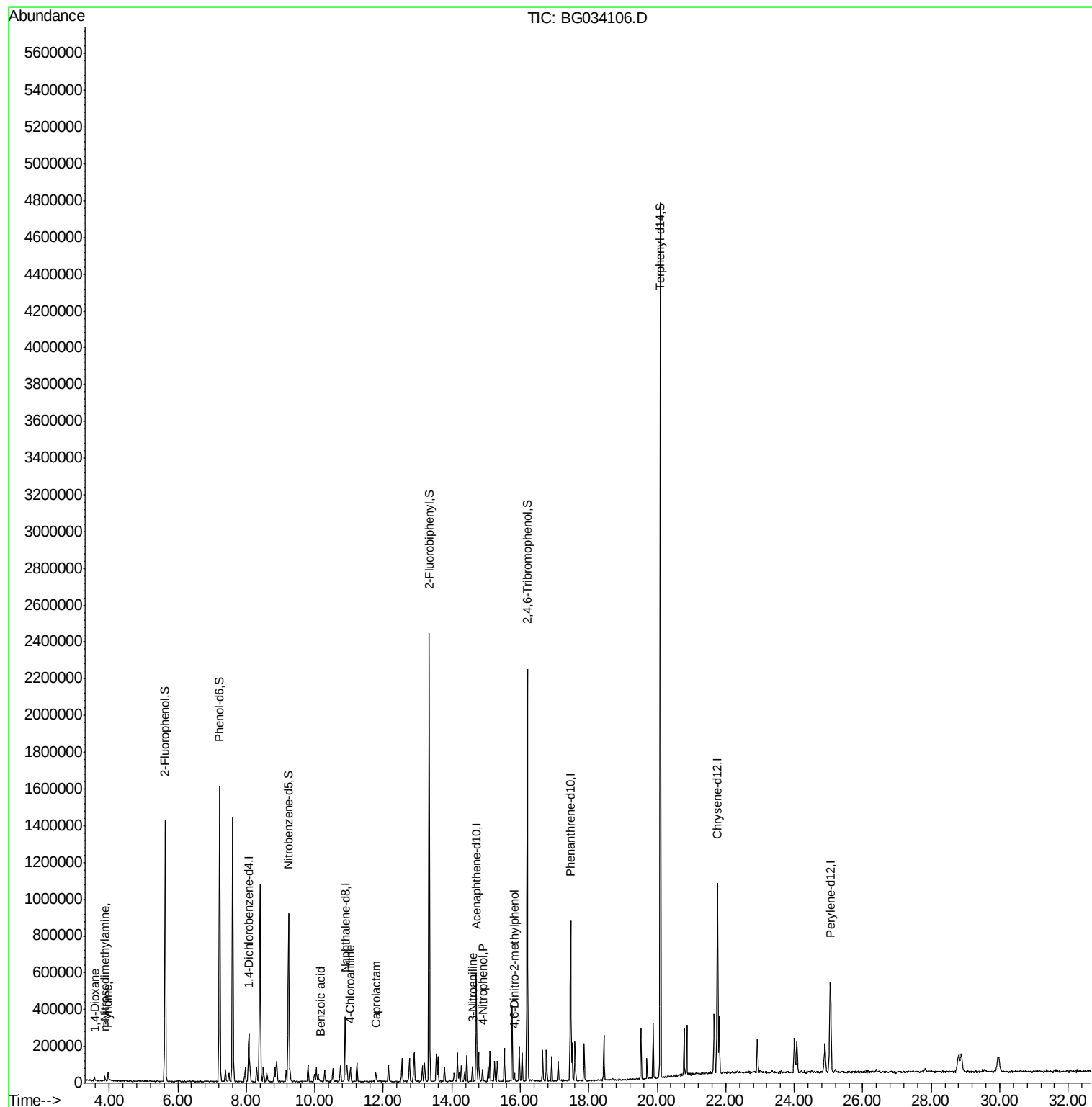
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
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Misc : 5PPM MDL
ALS Vial : 21 Sample Multiplier: 1

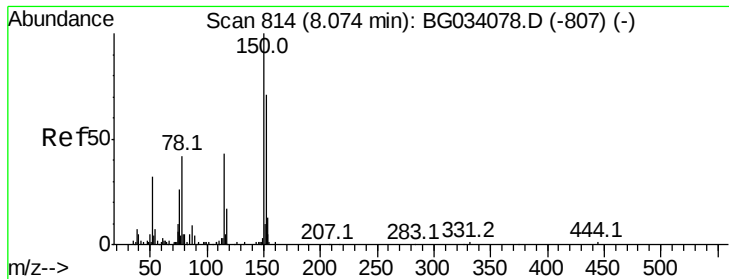
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations
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#1

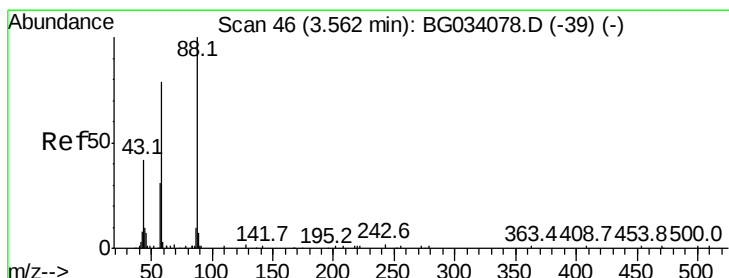
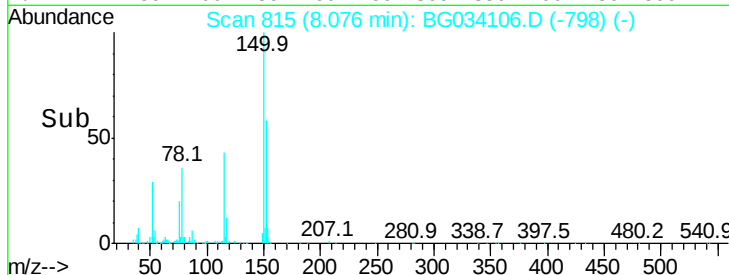
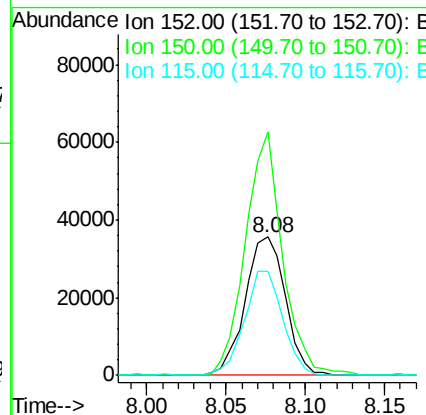
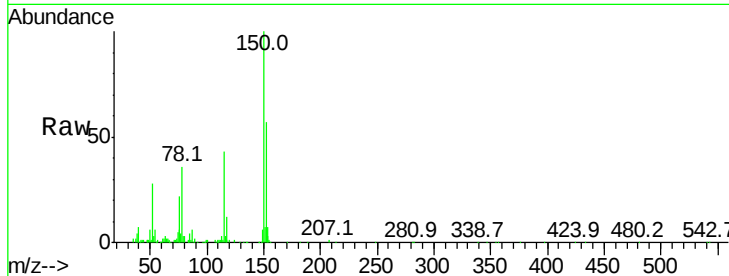
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	176.3	126.6	189.8
115	75.2	53.0	79.4

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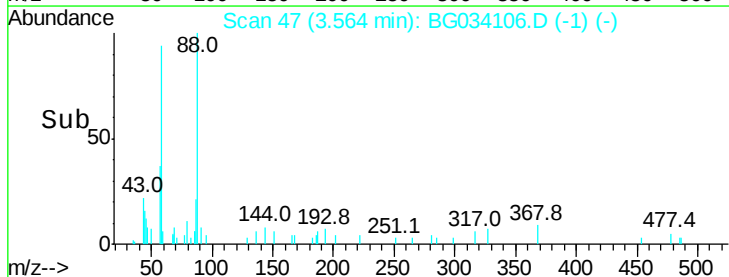
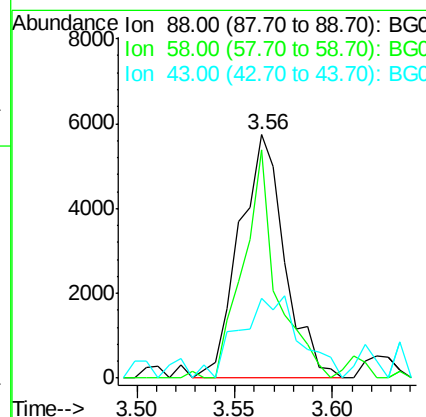
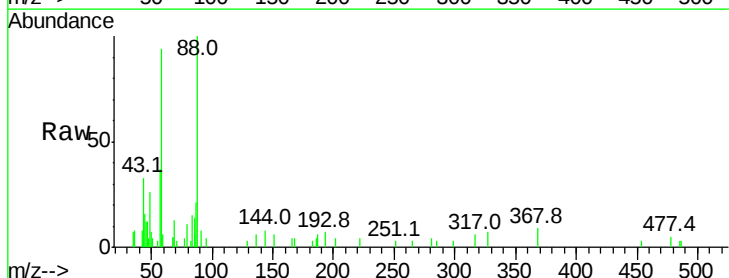
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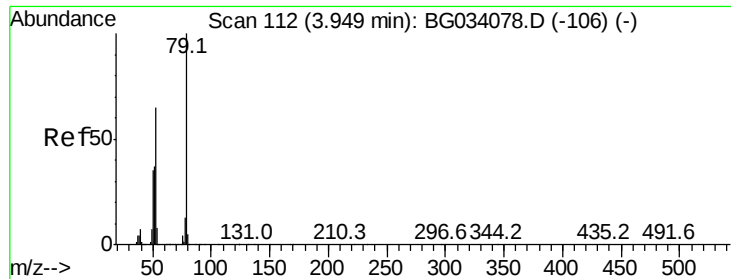


#2

1,4-Dioxane
Concen: 5.647 ng
RT: 3.56 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	79.6	119.4#
43	44.9	27.4	41.0#





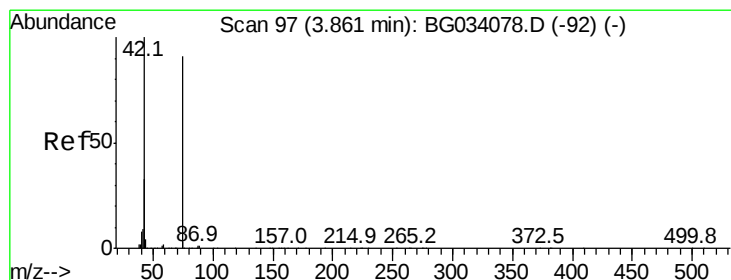
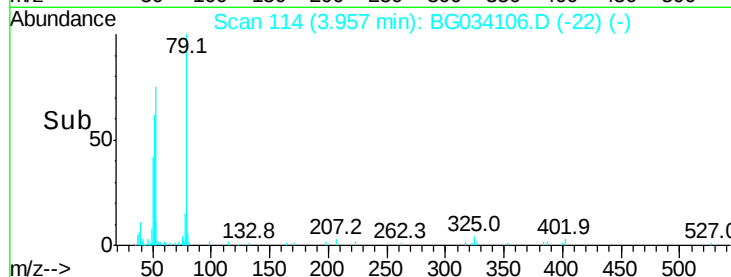
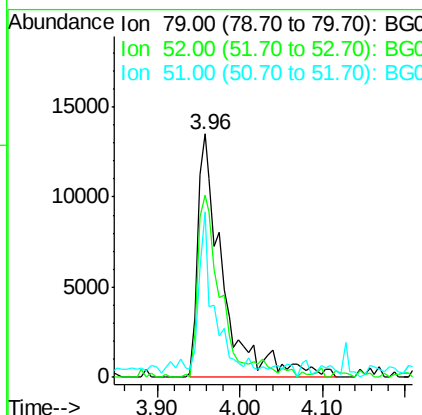
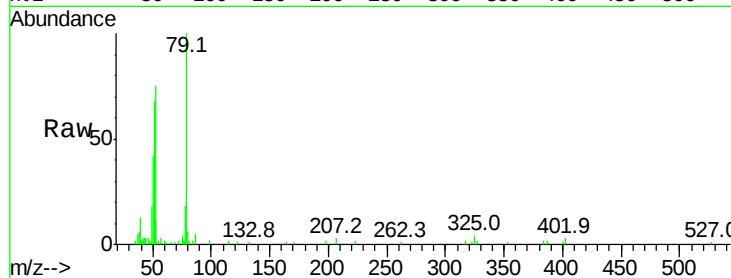
#3
 Pvridine
 Concen: 5.572 ng/ml
 RT: 3.96 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.0	69.9	104.9
51	67.9	34.0	51.0

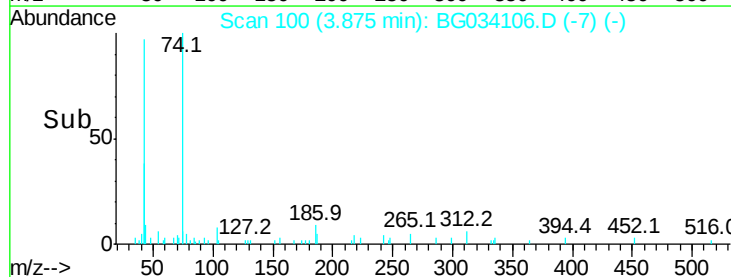
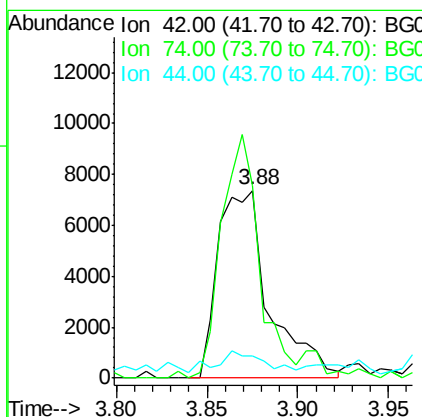
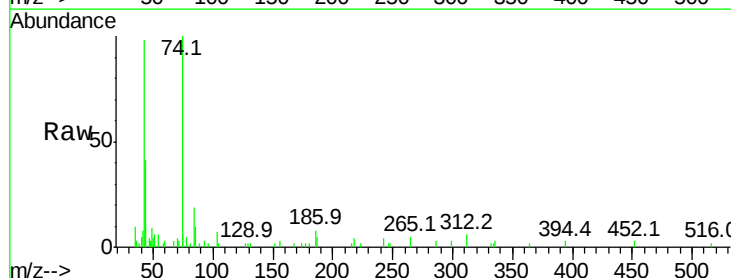
Manual Integrations
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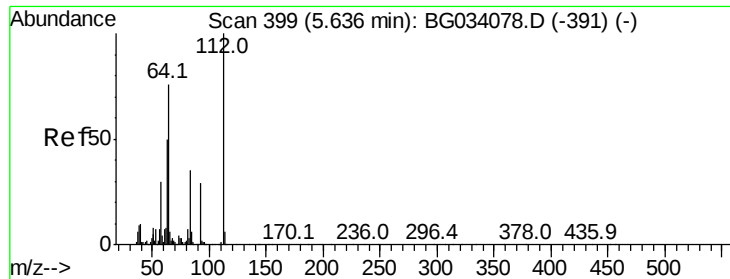
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#4
 n-Nitrosodimethylamine
 Concen: 5.185 ng/ml
 RT: 3.88 min Scan# 100
 Delta R.T. 0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.5	102.5	153.7
44	11.5	18.9	28.3





#5

2-Fluorophenol

Concen: 136.630 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

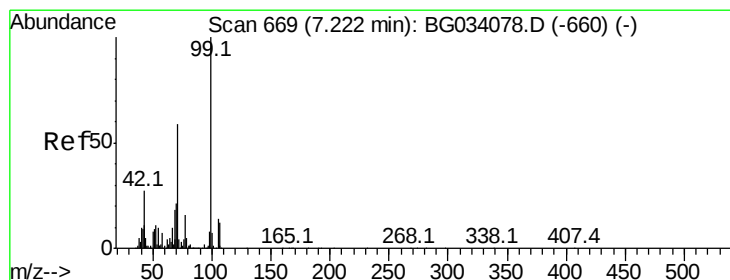
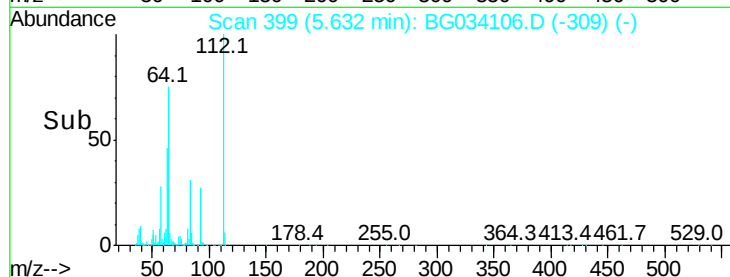
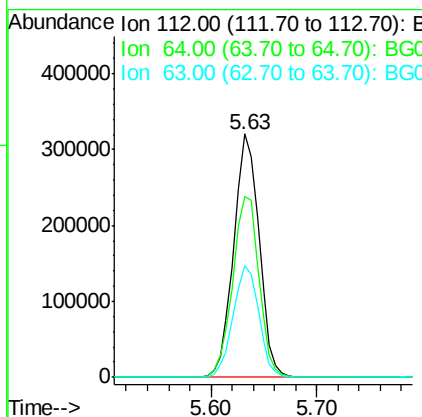
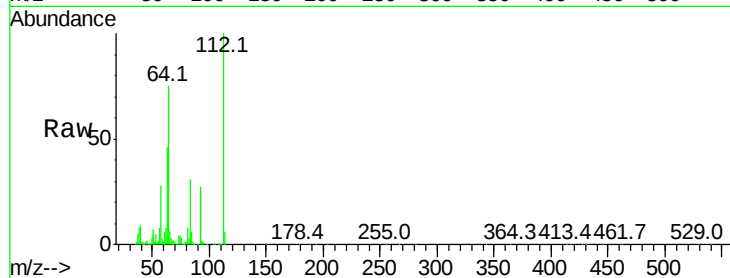
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		532245		
64	74.5	56.3		84.5	
63	45.8	30.1		45.1#	

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#7

Phenol-d6

Concen: 127.831 ng

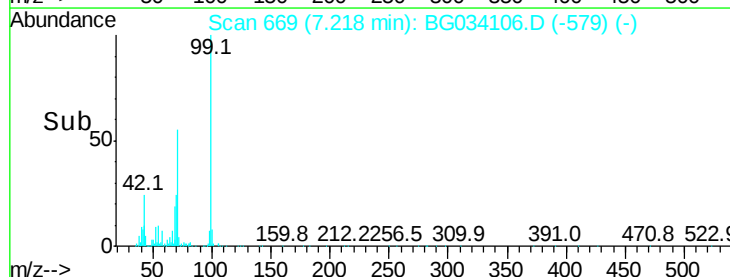
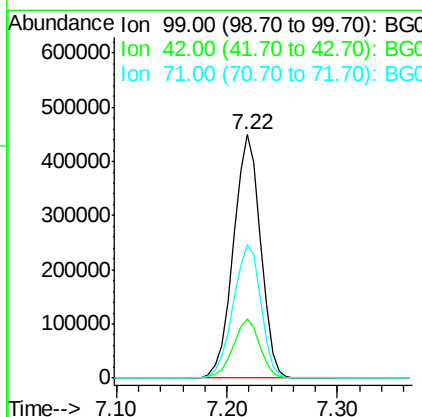
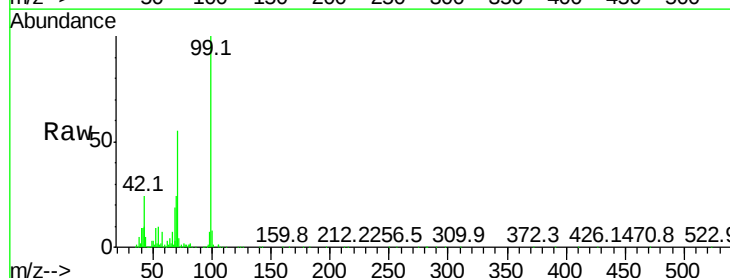
RT: 7.22 min Scan# 669

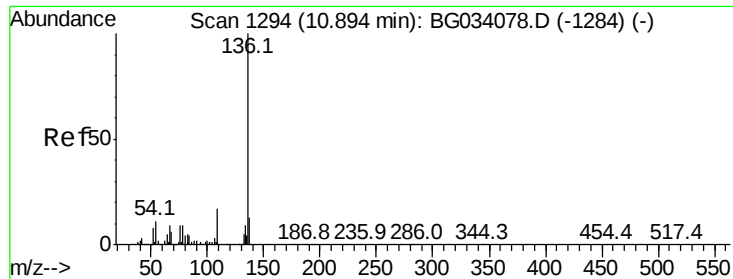
Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		775241		
42	24.2	14.1		21.1#	
71	55.0	26.1		39.1#	





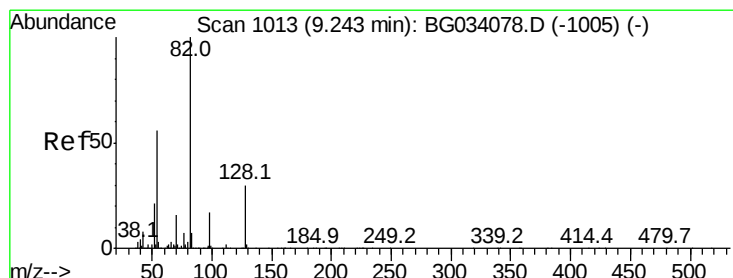
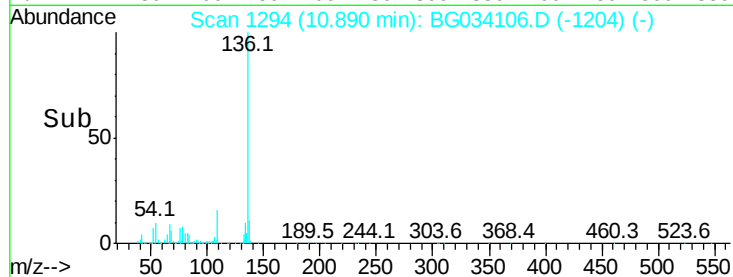
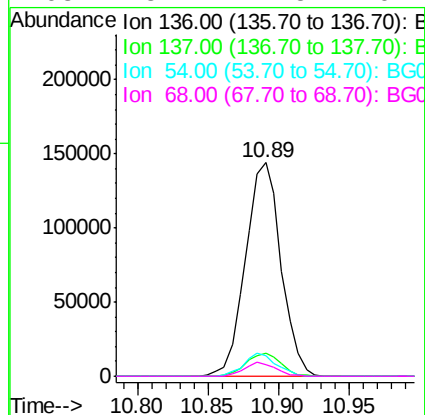
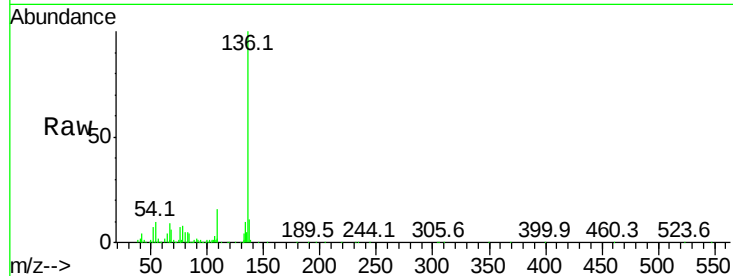
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	9.2	13.8
54	9.8	10.3	15.5
68	5.7	4.5	6.7

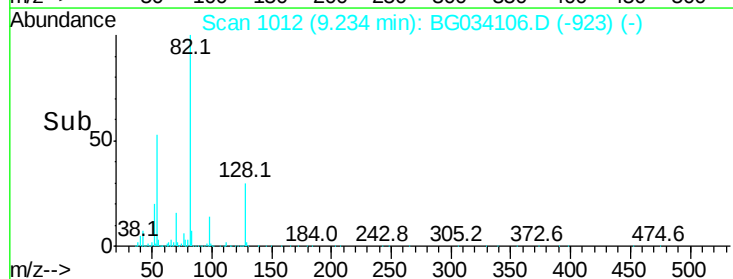
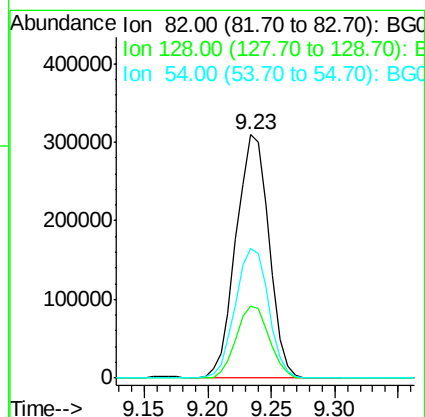
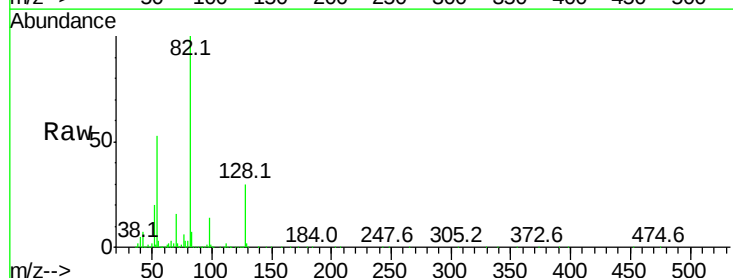
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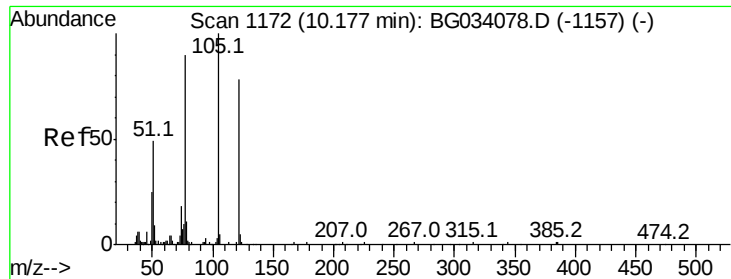
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#23
Nitrobenzene-d5
Concen: 84.488 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	29.7	29.7	44.5
54	53.3	43.1	64.7





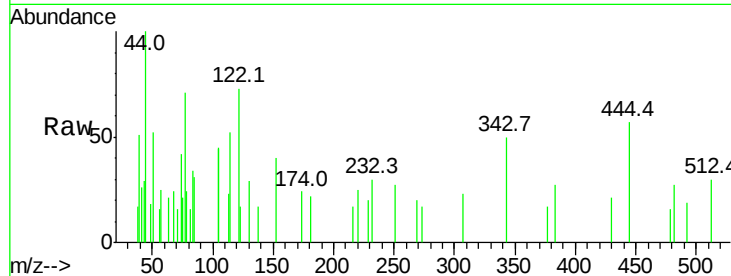
#32
Benzoic acid
Concen: 3.184 ng/ml
RT: 10.17 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
122	100		
105	61.3	123.5	163.5#
77	97.4	85.7	125.7

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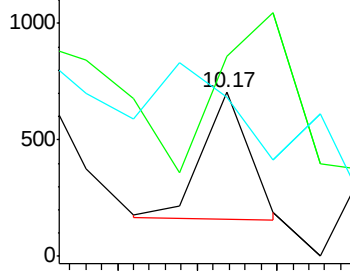


Abundance

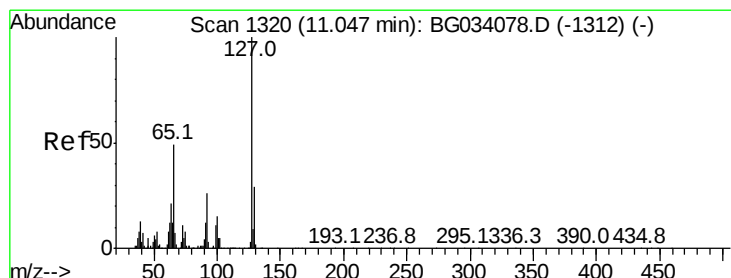
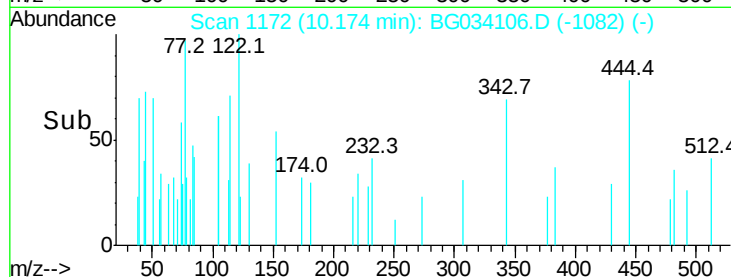
Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#33
4-Chloroaniline
Concen: 5.149 ng/ml
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.0	36.0
65	39.7	27.0	40.4
92	20.6	16.6	25.0

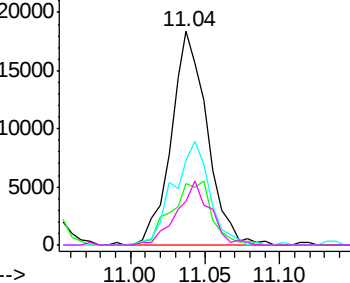
Abundance

Ion 127.00 (126.70 to 127.70): E

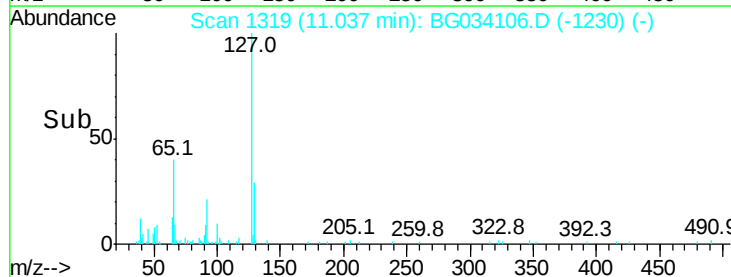
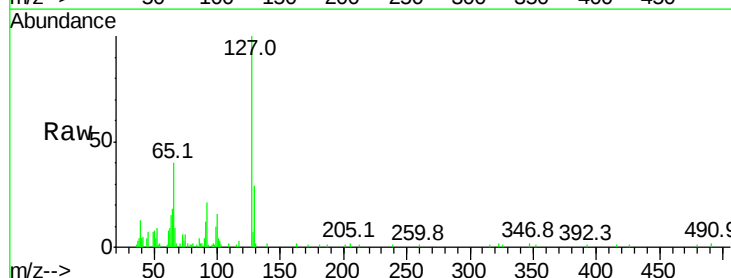
Ion 129.00 (128.70 to 129.70): E

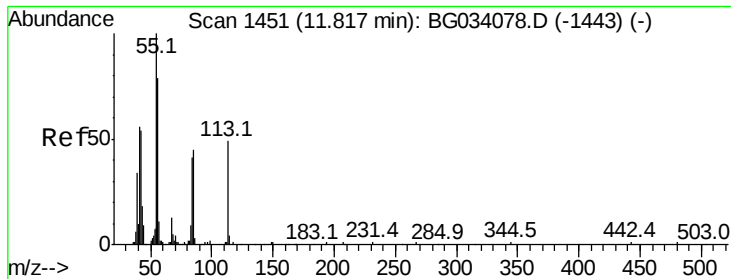
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



Time-->





#35

Caprolactam

Concen: 4.614 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.04 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

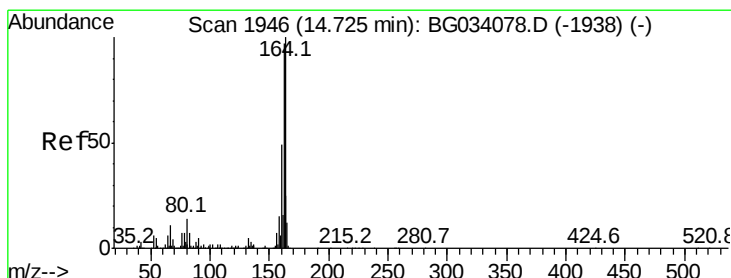
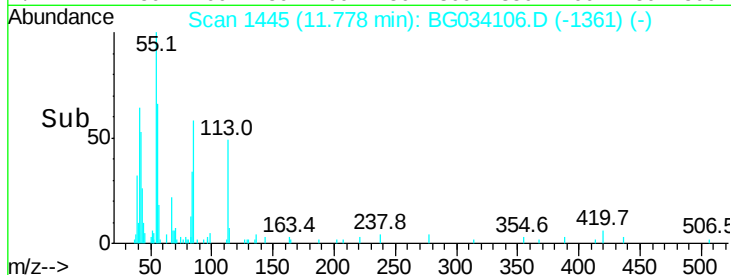
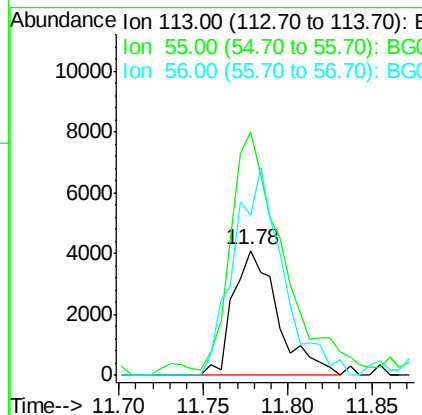
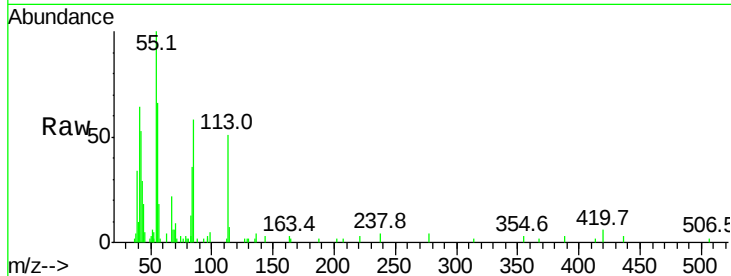
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	113	Resp:	7589
Ion Ratio	Lower	Upper	
113	100		
55	194.6	186.9	226.9
56	128.0	130.9	170.9

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

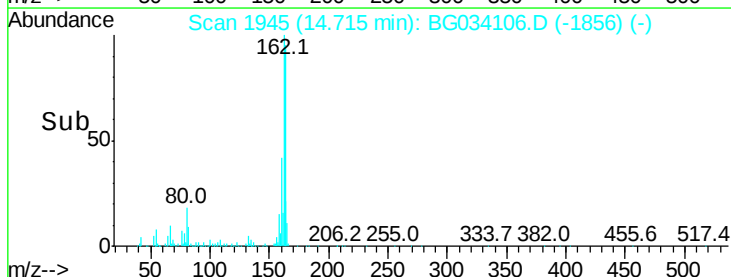
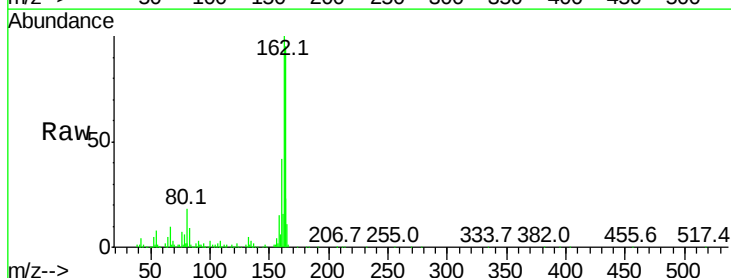
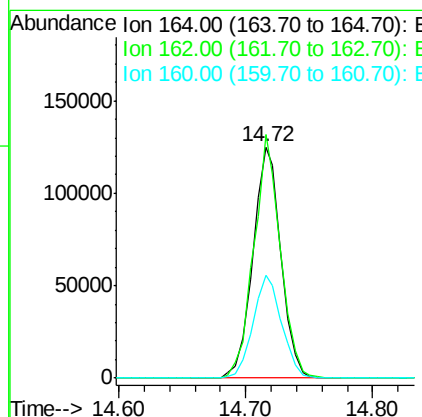
RT: 14.72 min Scan# 1945

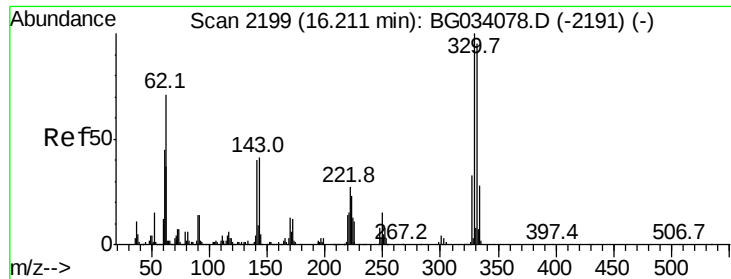
Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion:	164	Resp:	191694
Ion Ratio	Lower	Upper	
164	100		
162	105.4	78.8	118.2
160	44.8	35.4	53.0





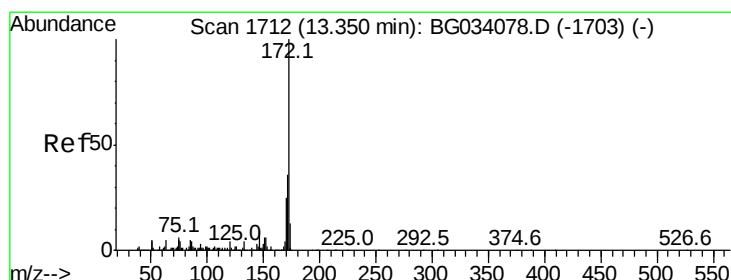
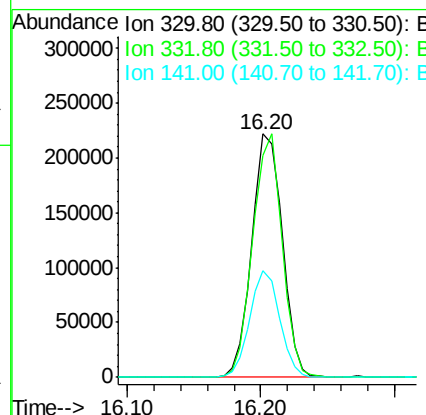
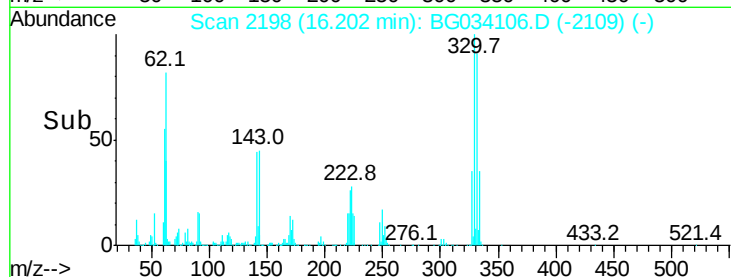
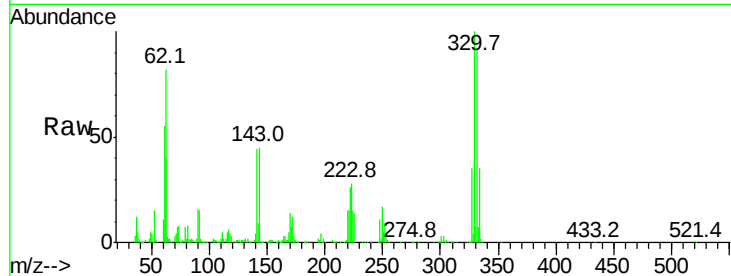
#41
 2,4,6-Tribromophenol
 Concen: 131.744 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	43.1	25.2	37.8

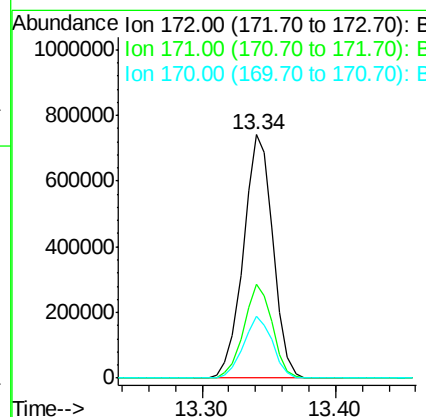
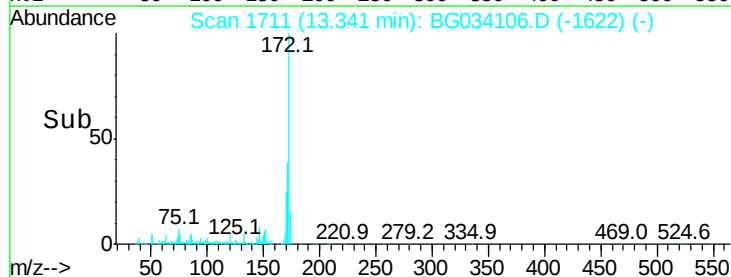
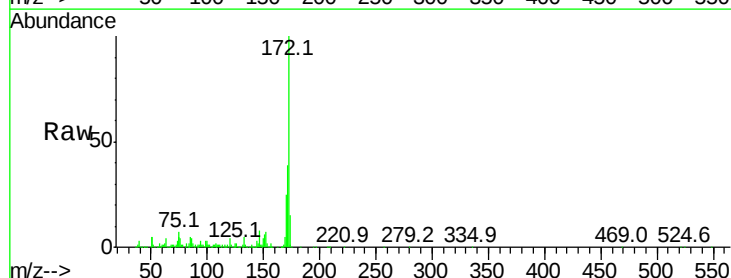
Manual Integrations
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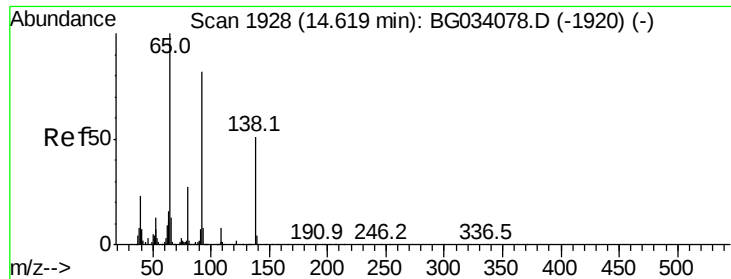
Sohil
 5/2/2018 4:51:04 PM



#44
 2-Fluorobiphenyl
 Concen: 86.887 ng m
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.5	19.5	29.3





#52

3-Nitroaniline

Concen: 4.517 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

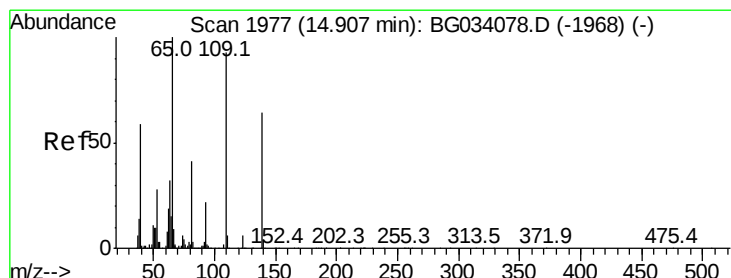
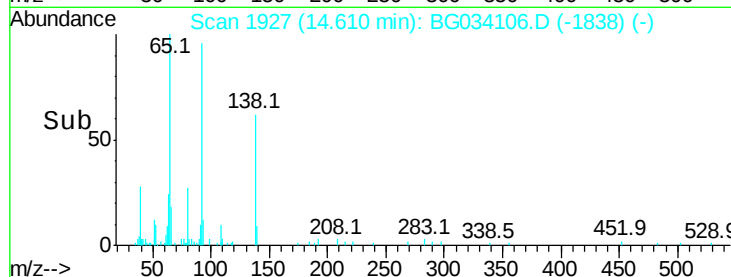
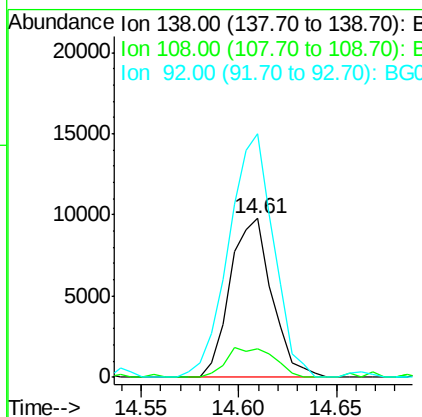
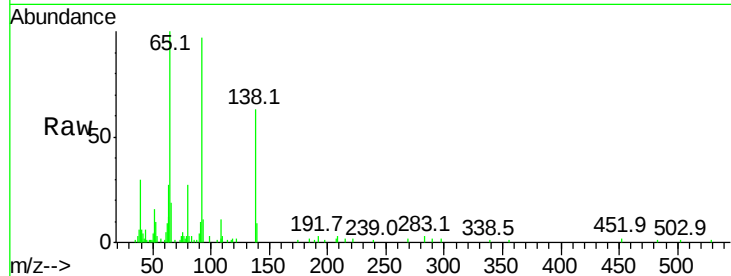
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
138	100		
108	17.8	17.5	26.3
92	153.1	105.8	158.8

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#55

4-Nitrophenol

Concen: 4.163 ng

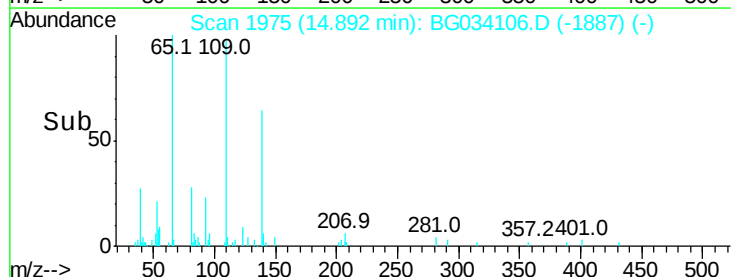
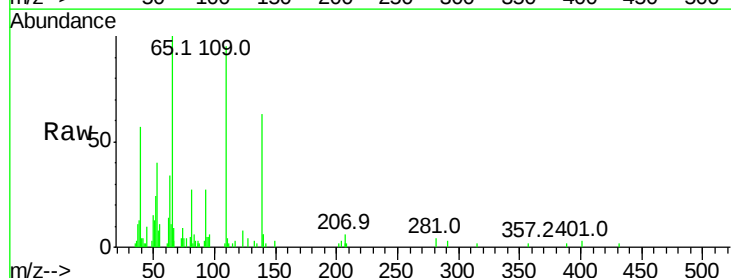
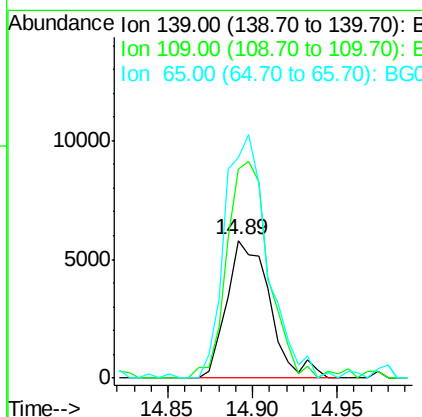
RT: 14.89 min Scan# 1975

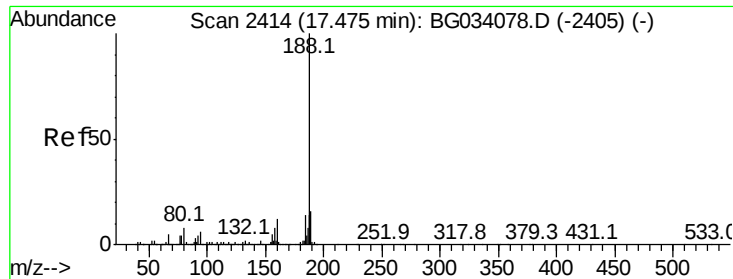
Delta R.T. -0.02 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	138.0	62.2	102.2#
65	145.2	97.2	137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

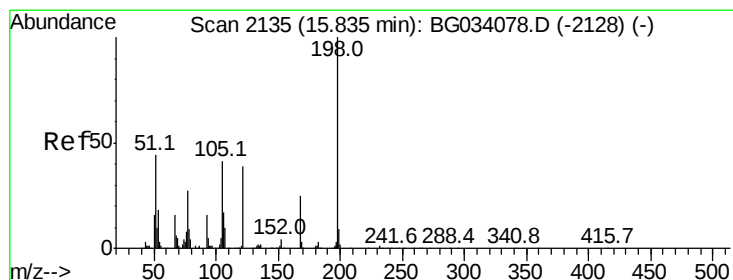
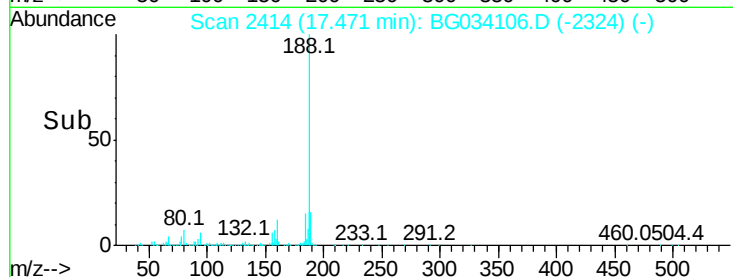
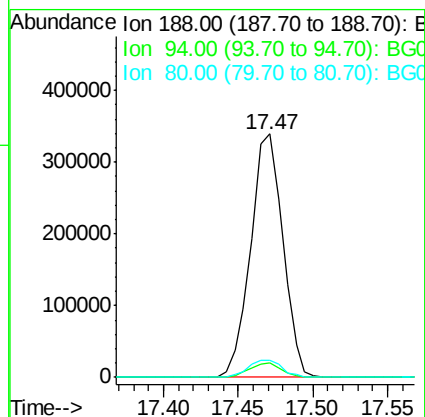
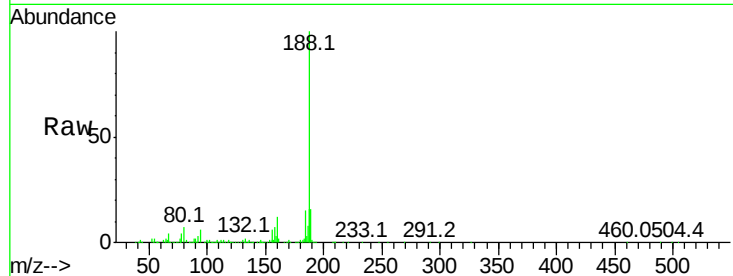
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.0	6.9	10.3#	
80	7.1	7.7	11.5#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 4.246 ng

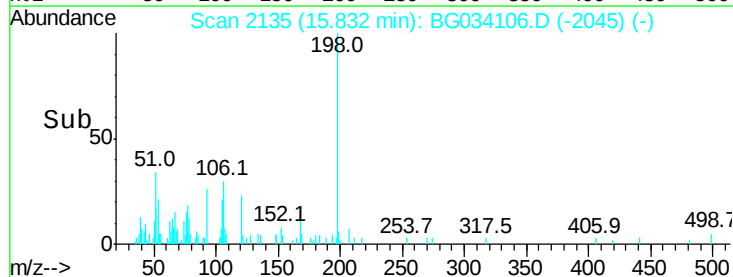
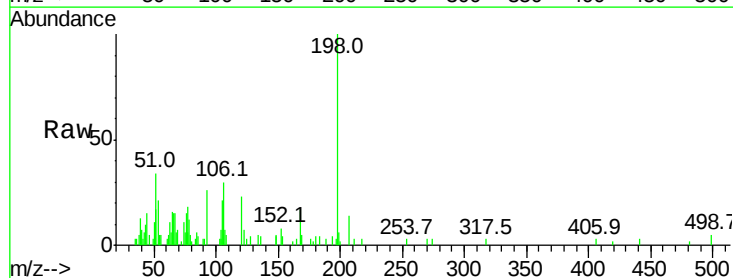
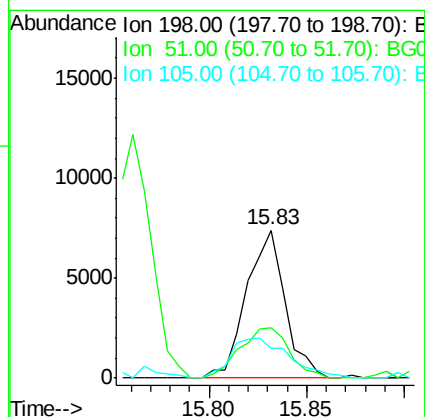
RT: 15.83 min Scan# 2135

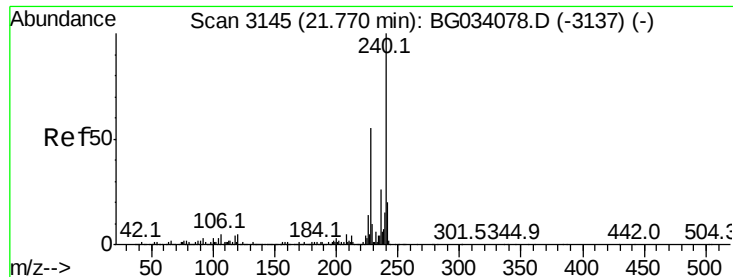
Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	33.9	30.6	70.6	
105	20.6	23.8	63.8#	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

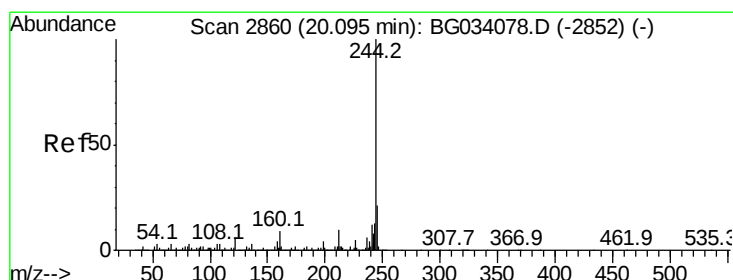
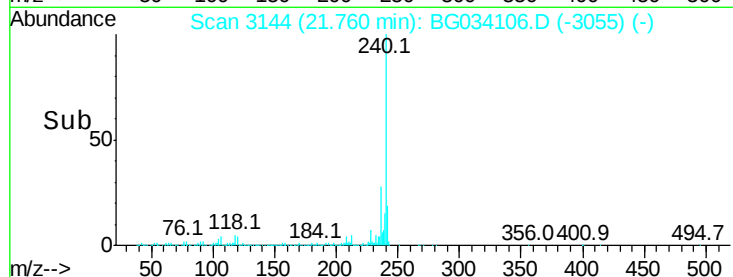
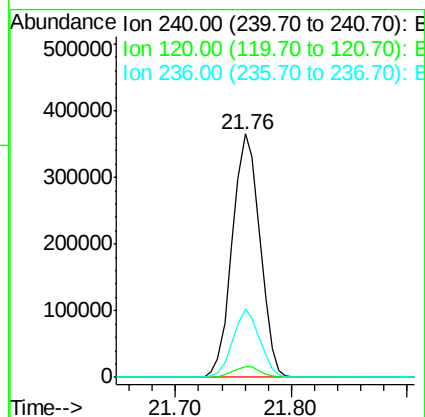
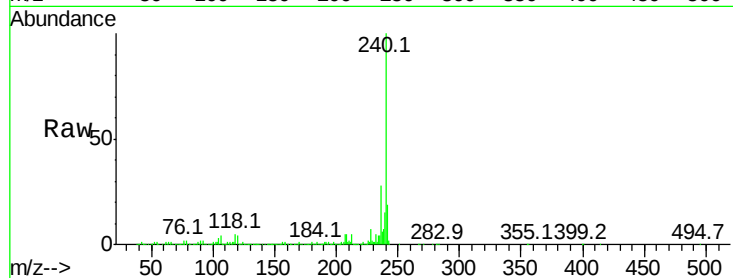
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	240	Resp:	606125
Ion Ratio	Lower	Upper	
240	100		
120	4.3	6.8	10.2#
236	28.0	20.9	31.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 80.416 ng

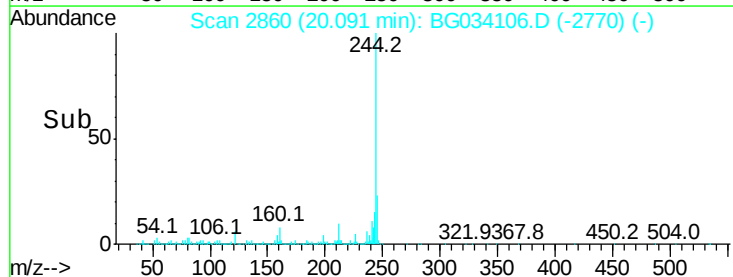
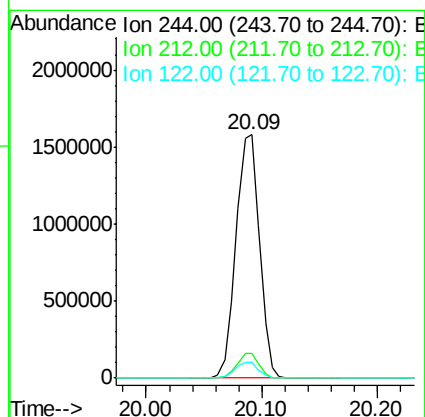
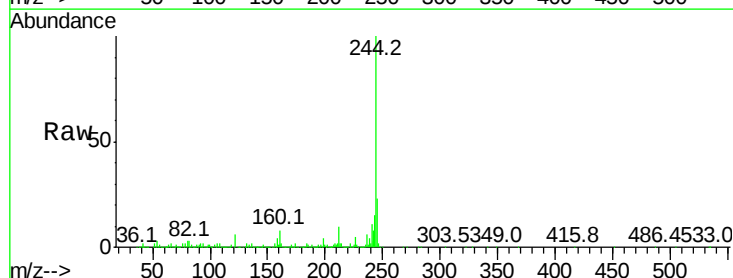
RT: 20.09 min Scan# 2860

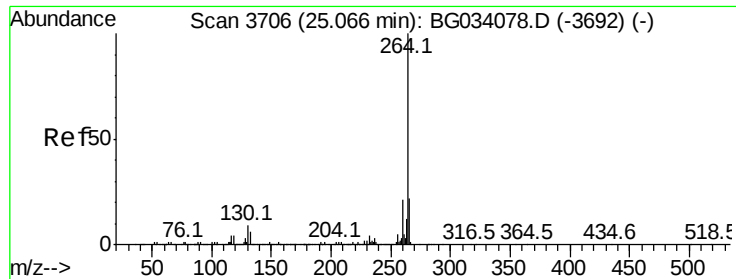
Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion:	244	Resp:	2224992
Ion Ratio	Lower	Upper	
244	100		
212	10.1	5.8	8.8#
122	6.3	7.0	10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:	264	Resp:	581110
Ion Ratio		Lower	Upper
264	100		
260	25.2	17.4	26.0
265	22.9	17.7	26.5

Manual Integrations
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