

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034104.D
 Acq On : 2 May 2018 7:23
 Operator : SJ/JU
 Sample : J2133-09
 Misc : 1PPM MDL
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 5/2/2018 4:51:00 PM

Quant Time: May 02 08:16:32 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	62152	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	252389	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	198013	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	546523	20.00	ng	0.00
75) Chrysene-d12	21.77	240	642069	20.00	ng	0.00
86) Perylene-d12	25.06	264	606167	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	539503	140.24	ng	0.00
7) Phenol-d6	7.23	99	777046	129.75	ng	0.00
23) Nitrobenzene-d5	9.24	82	560493	85.21	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	388188	141.58	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1165350	85.76	ng	0.00
78) Terphenyl-d14	20.09	244	2322540	79.24	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.41	93	7322	0.899	ng	# 83
8) 2-Chlorophenol	7.64	128	4403	1.147	ng	79
9) Benzaldehyde	7.21	77	6152	0.203	ng	# 77
10) Phenol	7.25	94	6623	1.096	ng	# 15
11) bis(2-Chloroethyl)ether	7.50	93	5109	1.074	ng	# 73
12) 1,3-Dichlorobenzene	7.97	146	4308	0.887	ng	# 79
13) 1,4-Dichlorobenzene	8.11	146	5512	1.143	ng	94
14) 1,2-Dichlorobenzene	8.43	146	5253m	1.147	ng	
15) Benzyl Alcohol	8.31	79	5807	0.909	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.61	45	7686	1.175	ng	78
18) Hexachloroethane	9.16	117	2207	1.076	ng	# 51
24) Nitrobenzene	9.29	77	7259	1.008	ng	# 81
31) Naphthalene	10.94	128	14026	1.057	ng	# 96
34) Hexachlorobutadiene	11.23	225	5166	1.097	ng	91
37) 2-Methylnaphthalene	12.55	142	10599	0.985	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	8257	1.078	ng	# 33
45) 1,1'-Biphenyl	13.55	154	19935	1.289	ng	90
46) 2-Chloronaphthalene	13.59	162	11494	0.981	ng	# 90
47) 2-Nitroaniline	13.79	65	4451	0.951	ng	# 74
48) Acenaphthylene	14.44	152	18233	0.975	ng	# 82
49) Dimethylphthalate	14.16	163	18315	1.067	ng	# 93
50) 2,6-Dinitrotoluene	14.28	165	2493	0.756	ng	# 84
51) Acenaphthene	14.79	154	12916	1.016	ng	# 84
54) Dibenzofuran	15.12	168	19151	1.040	ng	98
57) Fluorene	15.77	166	17606	1.096	ng	# 88
58) 2,3,4,6-Tetrachlorophenol	15.34	232	4332	0.851	ng	# 60
59) Diethylphthalate	15.54	149	18414	1.013	ng	# 94
62) Azobenzene	16.06	77	19608	0.999	ng	89
65) n-Nitrosodiphenylamine	15.97	169	13194	0.885	ng	93
66) 4-Bromophenyl-phenylether	16.66	248	6973	1.028	ng	84
67) Hexachlorobenzene	16.77	284	6271	0.910	ng	# 84
68) Atrazine	16.92	200	5291	1.490	ng	96
70) Phenanthrene	17.51	178	29473m	1.050	ng	
71) Anthracene	17.60	178	28635	1.006	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Carbazole	17.87	167	26160	1.004	nq	# 93
73) Di-n-butylphthalate	18.45	149	32172	1.026	nq	# 97
74) Fluoranthene	19.52	202	40835	1.151	nq	86
77) Pyrene	19.88	202	38713	0.962	nq	# 92
79) Butylbenzylphthalate	20.79	149	13942	0.888	nq	91
80) Benzo(a)anthracene	21.75	228	44352m	1.078	nq	
82) Chrysene	21.81	228	40770	1.035	nq	94
83) Bis(2-ethylhexyl)phthalate	21.68	149	19970	0.924	nq	# 95
84) Di-n-octyl phthalate	22.93	149	28458	0.824	nq	# 86
85) Indeno(1,2,3-cd)pyrene	28.79	276	34977m	0.807	nq	
87) Benzo(b)fluoranthene	24.01	252	39338	1.027	nq	# 87
88) Benzo(k)fluoranthene	24.08	252	38523	1.053	nq	# 85
89) Benzo(a)pyrene	24.90	252	35030	0.978	nq	# 90
90) Dibenzo(a,h)anthracene	28.89	278	30908m	0.915	nq	
91) Benzo(a,h,i)perylene	29.99	276	29847m	0.897	nq	

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

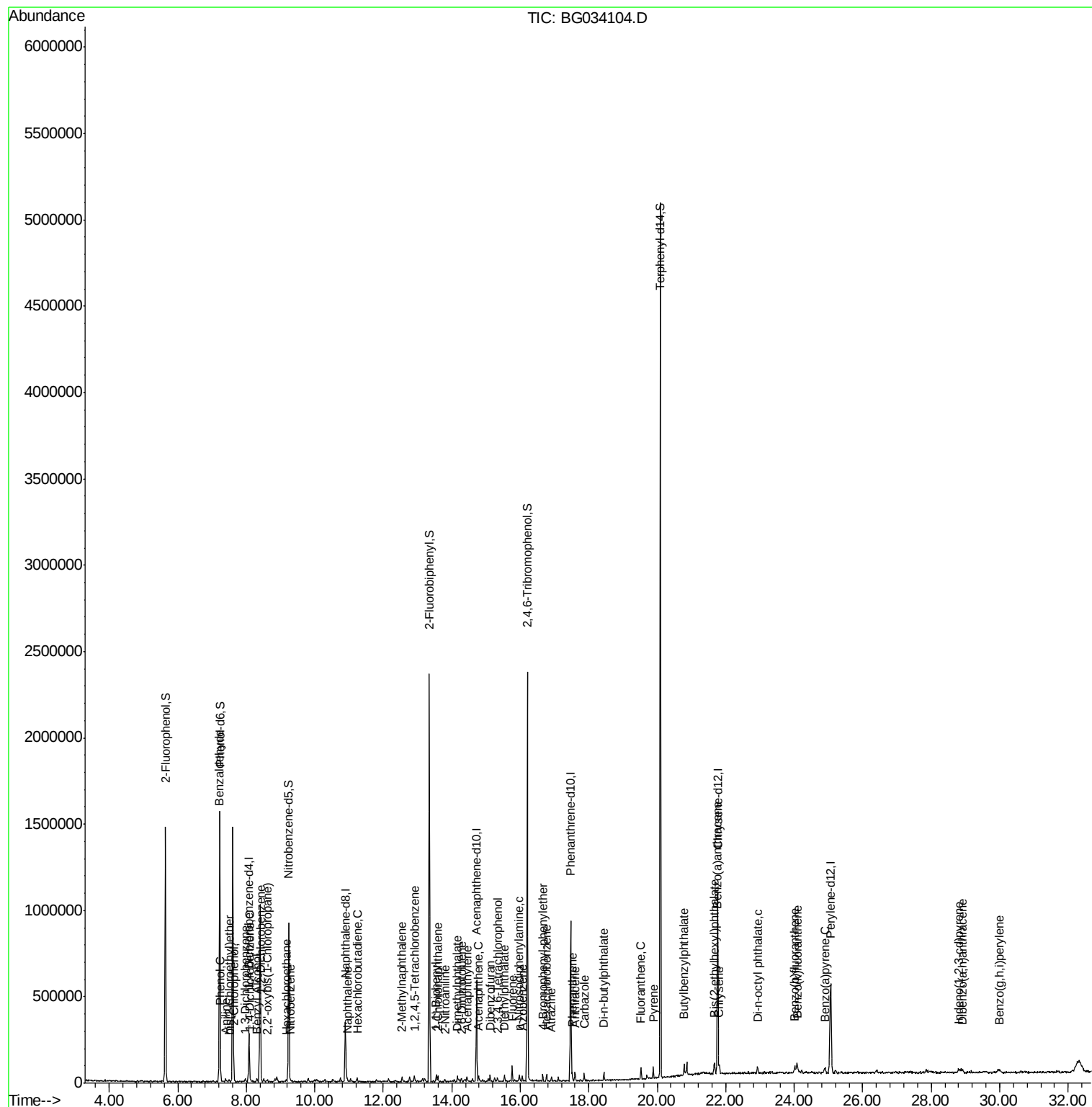
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
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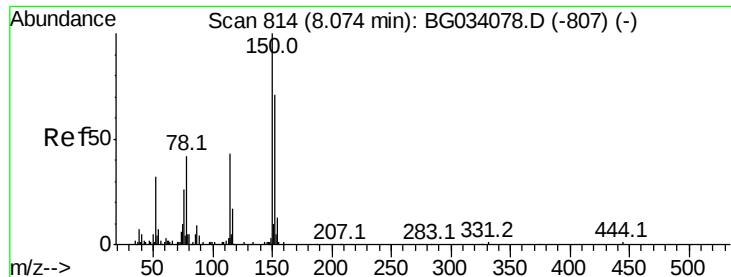
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

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#1

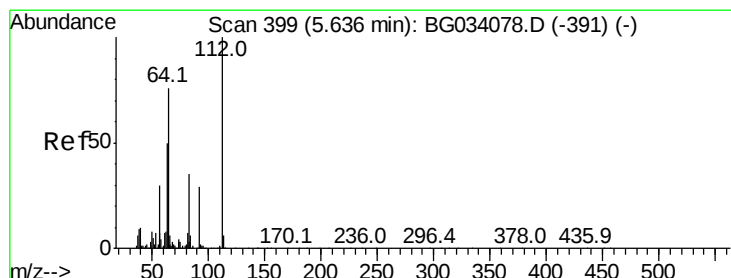
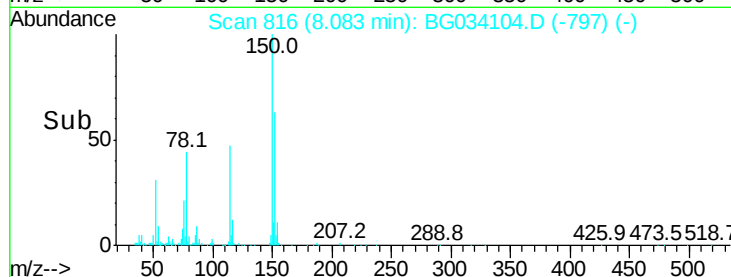
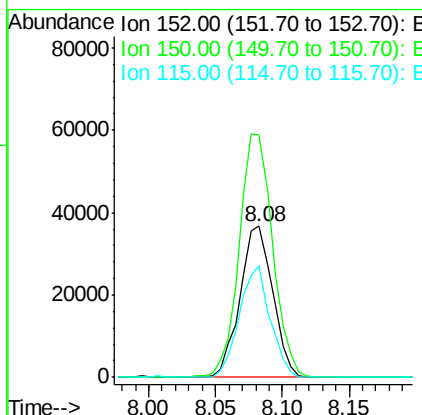
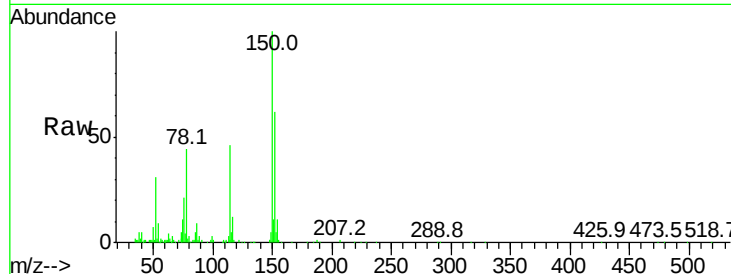
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. 0.01 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	74.1	53.0	79.4

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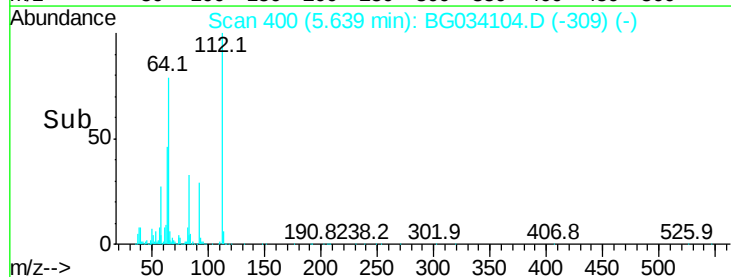
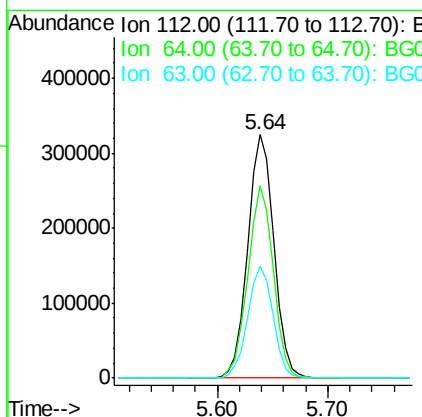
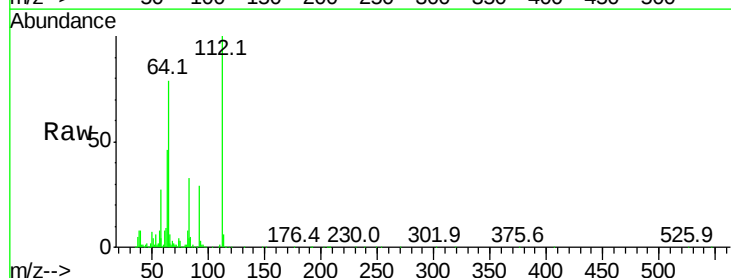
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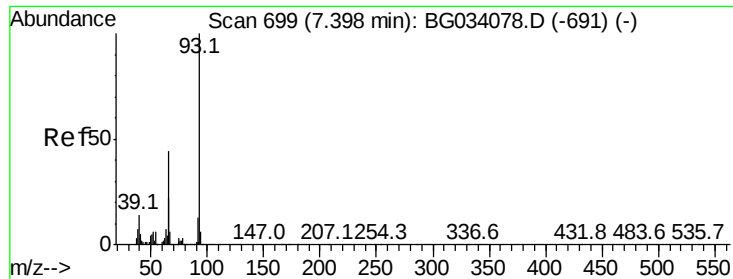


#5

2-Fluorophenol
Concen: 140.243 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.8	56.3	84.5
63	46.2	30.1	45.1





#6

Aniline

Concen: 0.899 ng

RT: 7.41 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

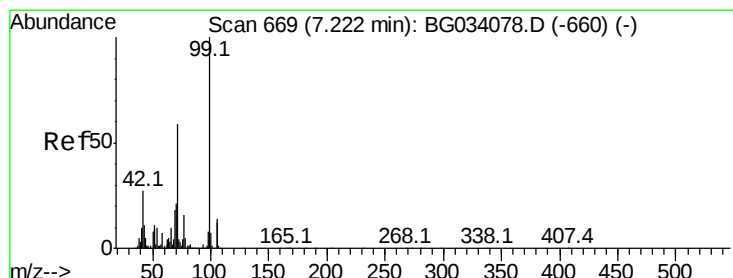
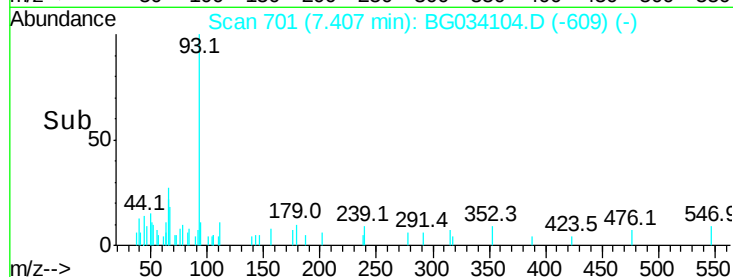
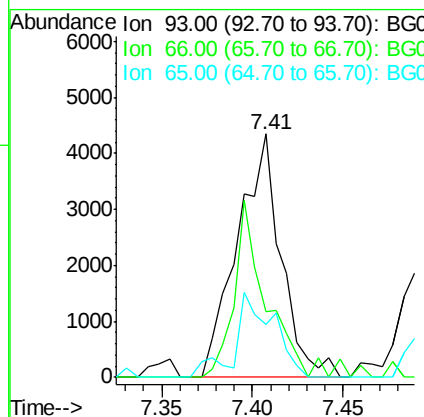
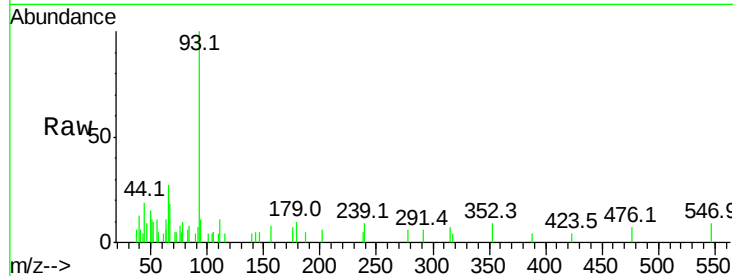
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	93	Resp:	7322
Ion Ratio	Lower	Upper	
93	100		
66	26.9	33.7	50.5#
65	21.7	16.1	24.1

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#7

Phenol-d6

Concen: 129.747 ng

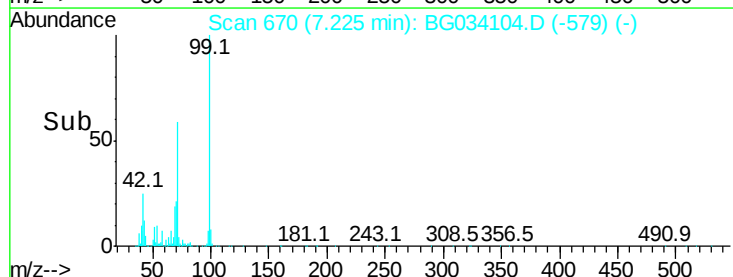
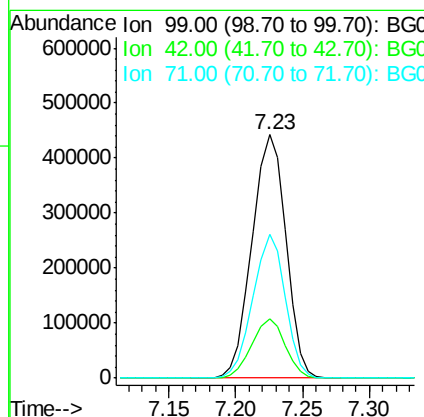
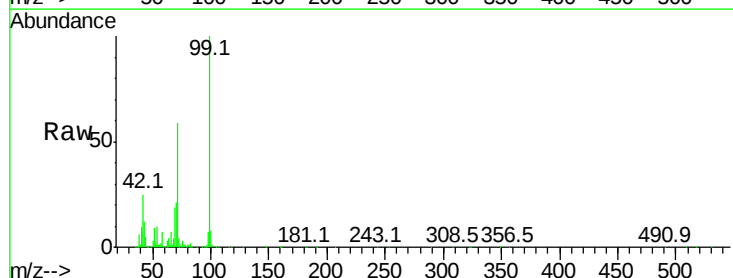
RT: 7.23 min Scan# 670

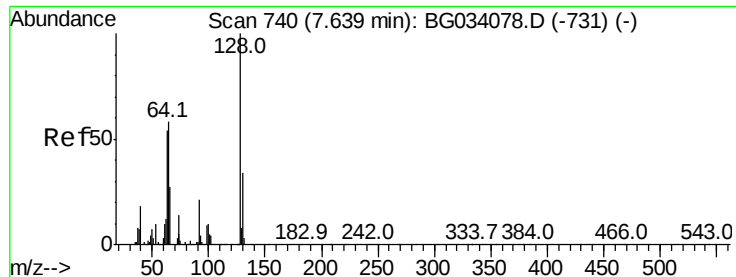
Delta R.T. 0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	99	Resp:	777046
Ion Ratio	Lower	Upper	
99	100		
42	24.6	14.1	21.1#
71	58.8	26.1	39.1#





#8

2-Chlorophenol

Concen: 1.147 ng

RT: 7.64 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

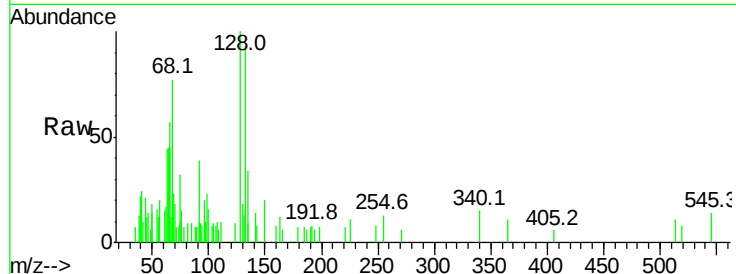
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:128	Resp:	4403
Ion Ratio	Lower	Upper
128 100		
130 17.9	14.0	54.0
64 45.0	37.7	77.7

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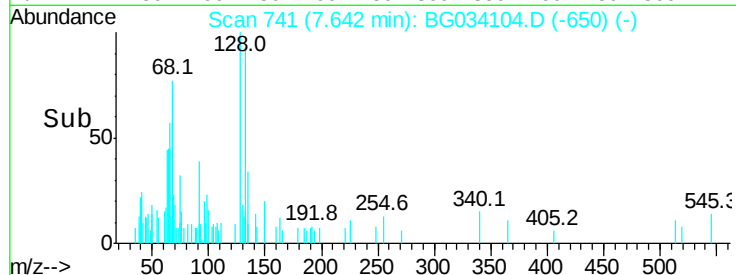


Abundance Ion 128.00 (127.70 to 128.70): BGC

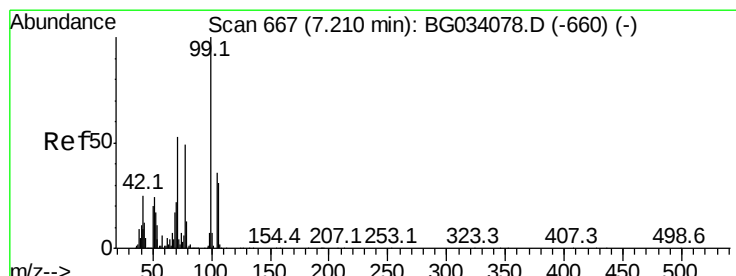
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Time-->



Time-->



#9

Benzaldehyde

Concen: 0.203 ng

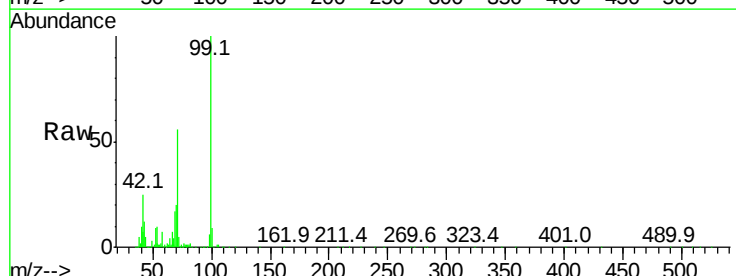
RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion: 77	Resp:	6152
Ion Ratio	Lower	Upper
77 100		
105 50.5	71.3	111.3#
106 82.9	64.2	104.2

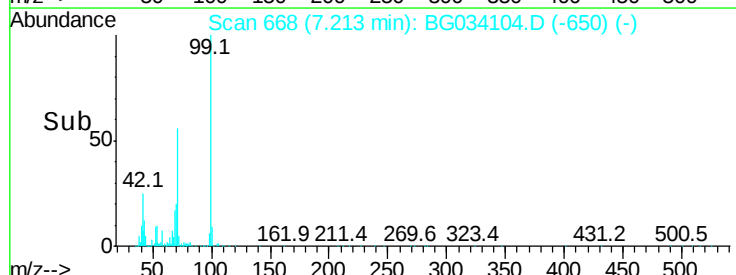


Abundance Ion 77.00 (76.70 to 77.70): BGC

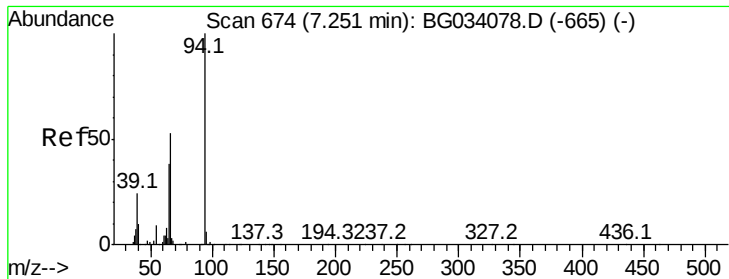
Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

Time-->



Time-->



#10

Phenol

Concen: 1.096 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

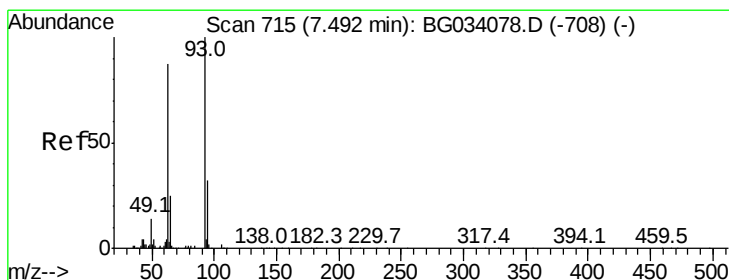
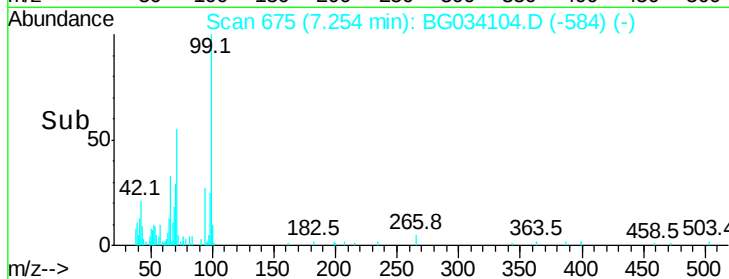
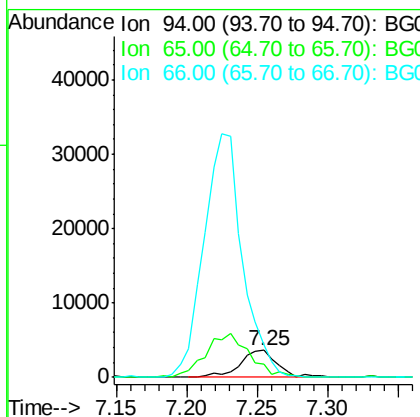
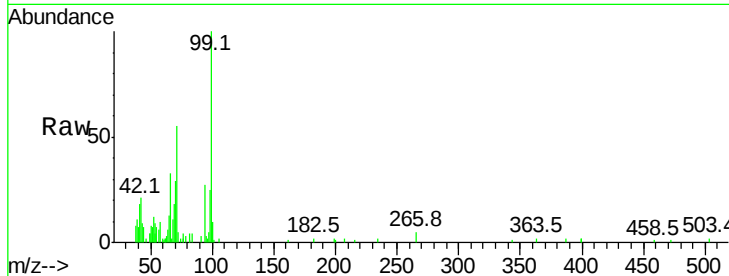
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
94	100		
65	48.3	11.9	51.9
66	122.3	22.2	62.2#

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#11

bis(2-Chloroethyl)ether

Concen: 1.074 ng

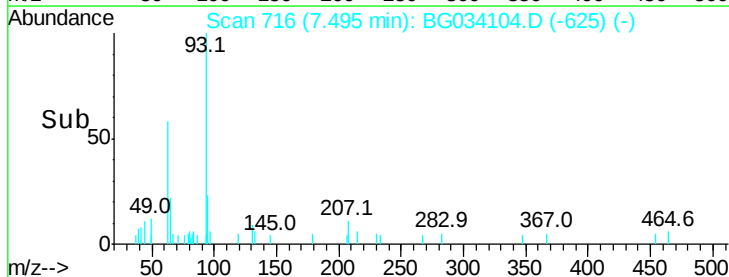
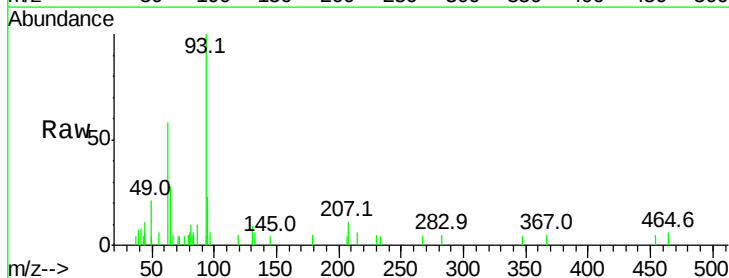
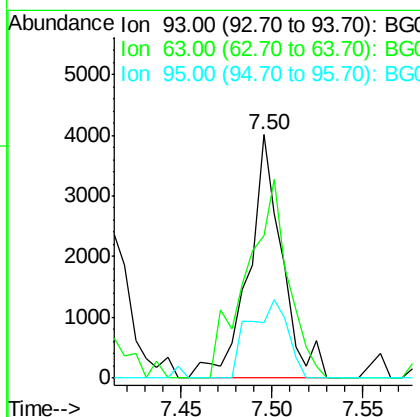
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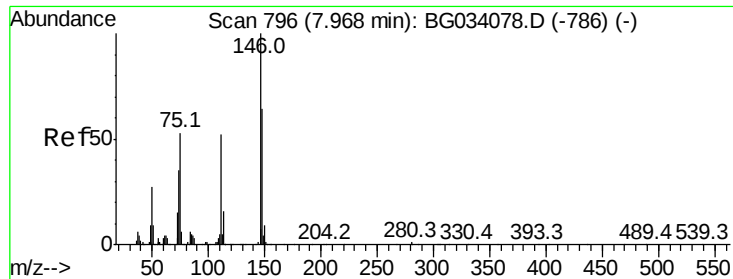
Delta R.T. 0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
93	100		
63	58.4	67.1	107.1#
95	22.9	11.5	51.5





#12

1,3-Dichlorobenzene

Concen: 0.887 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

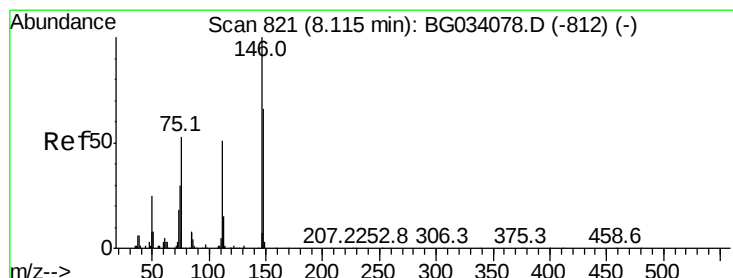
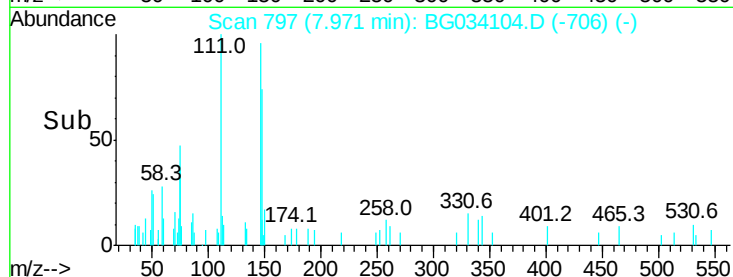
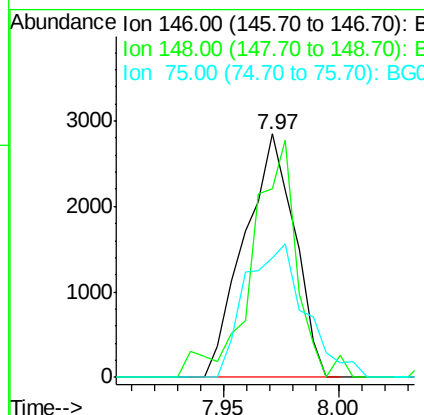
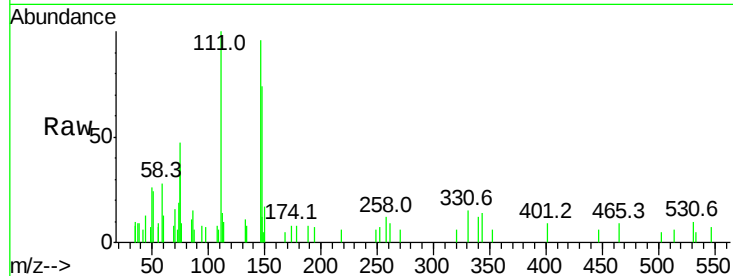
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	146	Resp:	4308
Ion Ratio	Lower	Upper	
146	100		
148	77.7	51.4	77.2#
75	49.1	26.6	39.8#

Manual Integrations
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#13

1,4-Dichlorobenzene

Concen: 1.143 ng

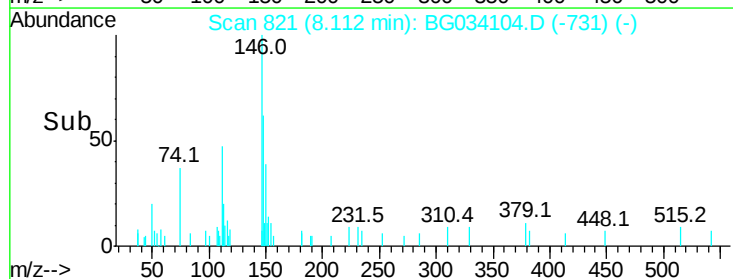
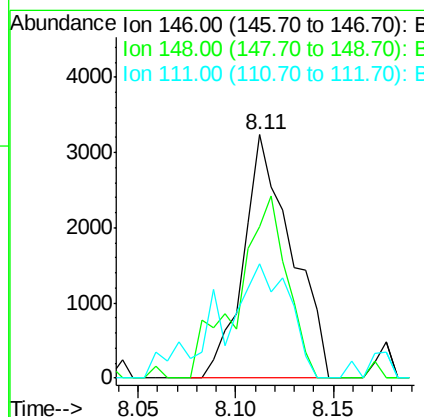
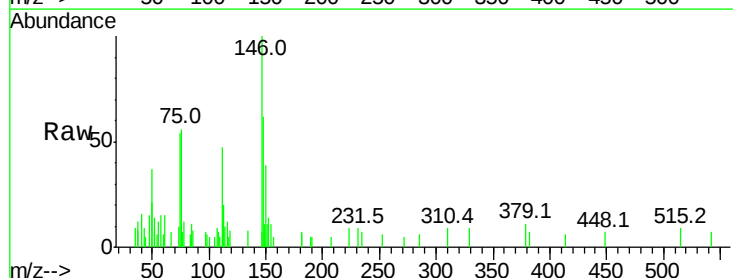
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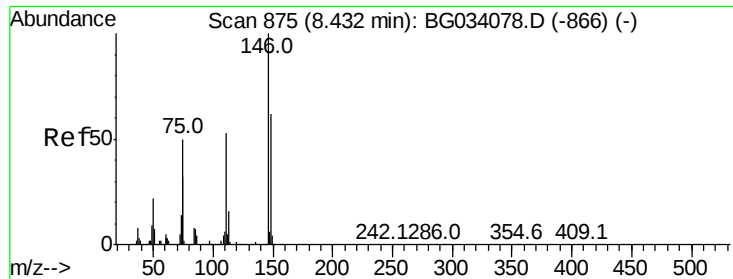
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	146	Resp:	5512
Ion Ratio	Lower	Upper	
146	100		
148	62.0	53.7	80.5
111	47.0	35.2	52.8





#14

1,2-Dichlorobenzene

Concen: 1.147 ng/mL

RT: 8.43 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

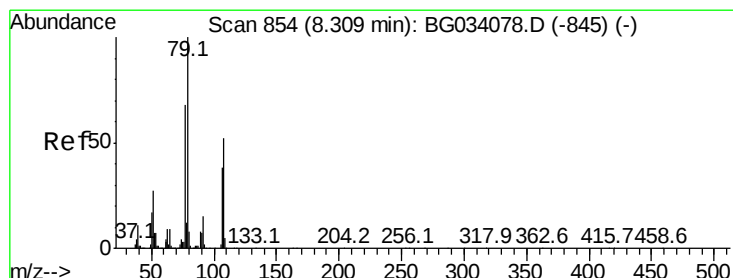
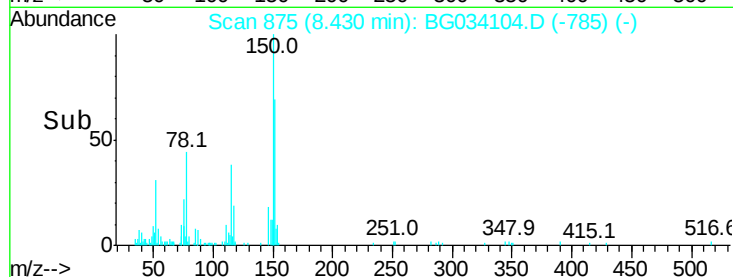
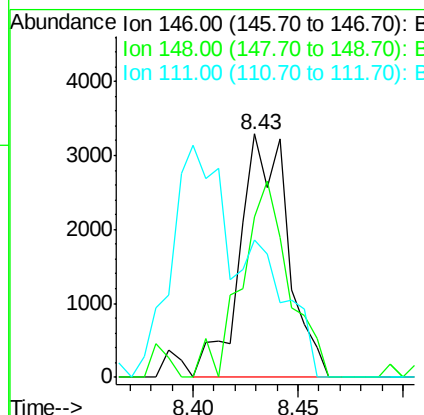
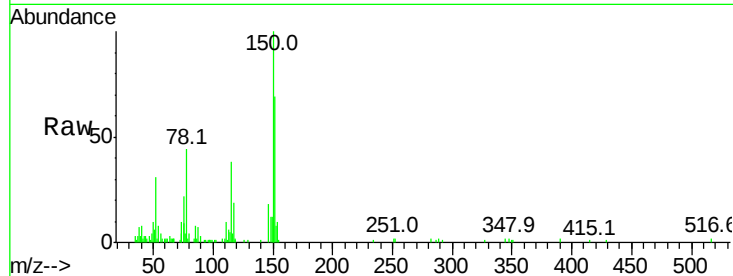
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	146	Resp:	5253
Ion Ratio	Lower	Upper	
146	100		
148	65.9	49.3	73.9
111	56.3	34.3	51.5#

Manual Integrations
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#15

Benzyl Alcohol

Concen: 0.909 ng/mL

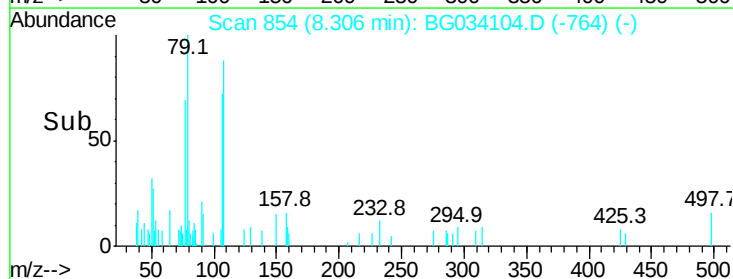
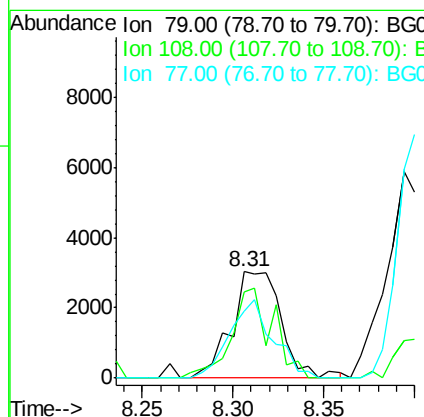
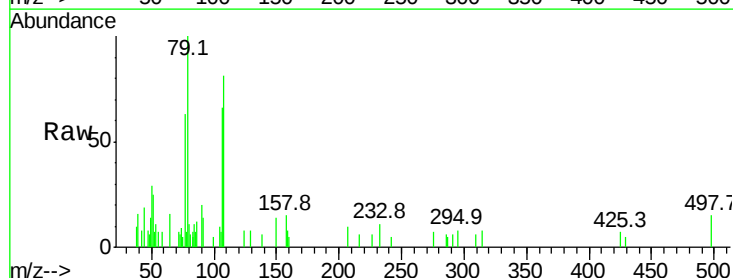
RT: 8.31 min Scan# 854

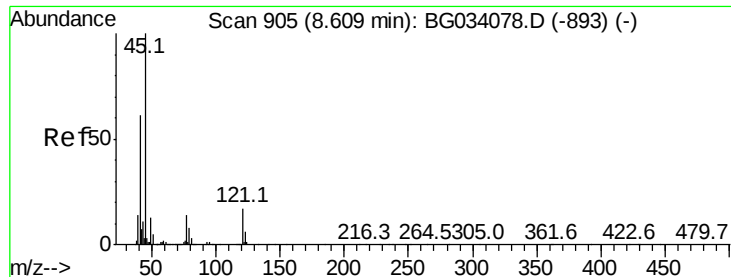
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	79	Resp:	5807
Ion Ratio	Lower	Upper	
79	100		
108	81.1	57.2	85.8
77	63.5	46.1	69.1





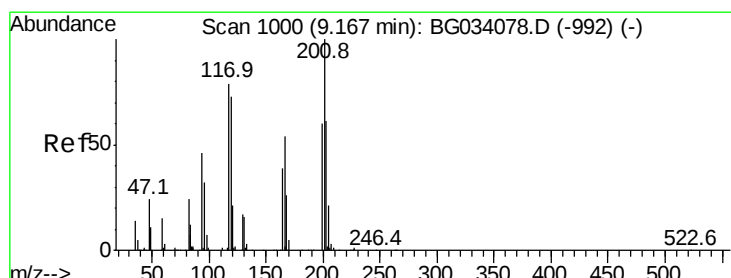
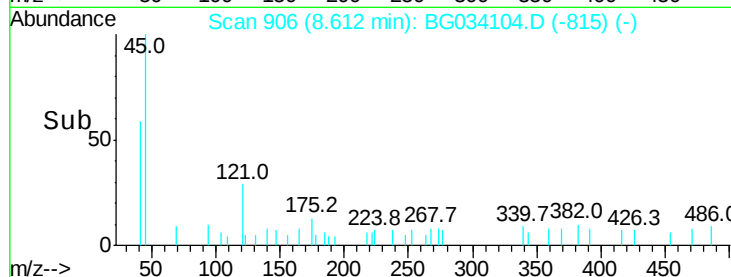
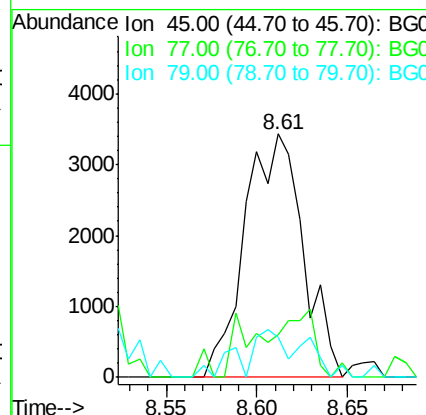
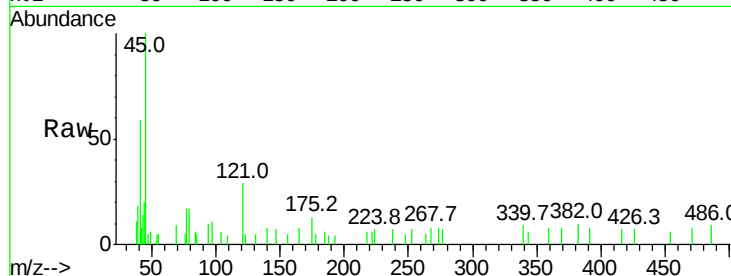
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 1.175 ng
RT: 8.61 min Scan# 906
Delta R.T. 0.00 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	30.2
79	16.5	0.0	27.9

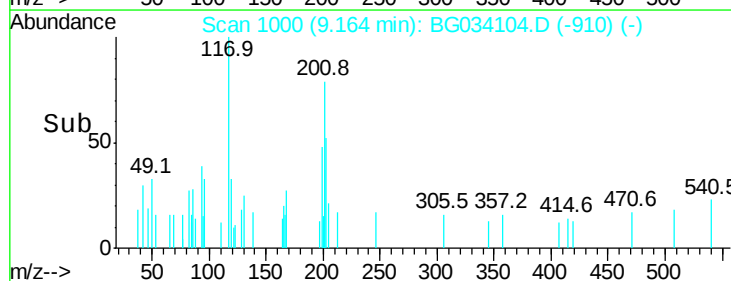
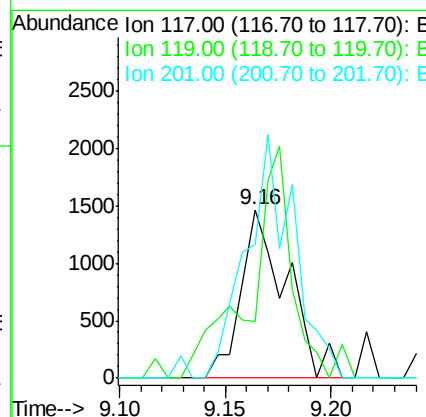
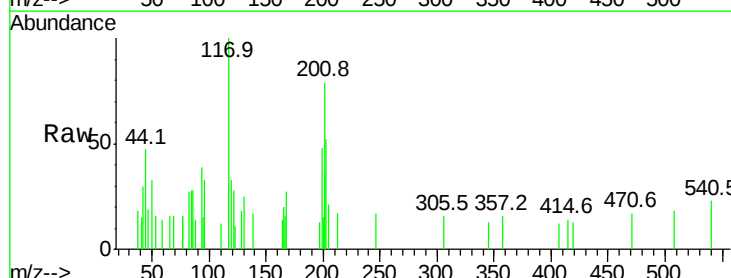
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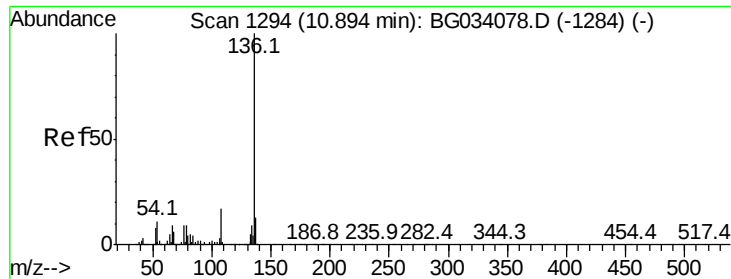
Sohil
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#18
Hexachloroethane
Concen: 1.076 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	33.4	76.7	115.1#
201	78.9	95.7	143.5#





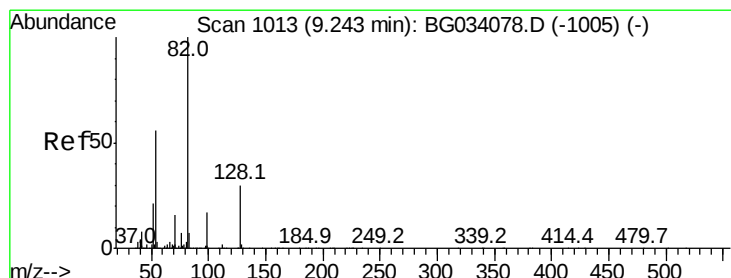
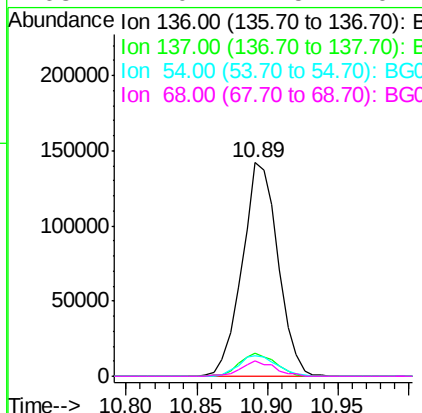
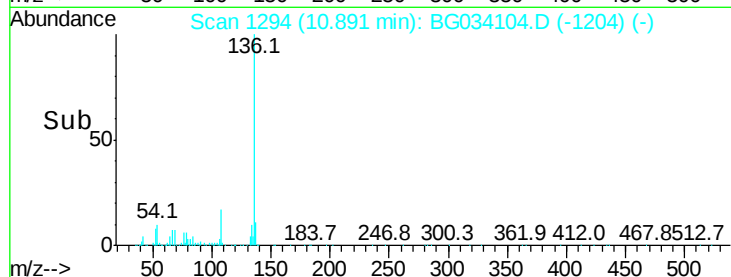
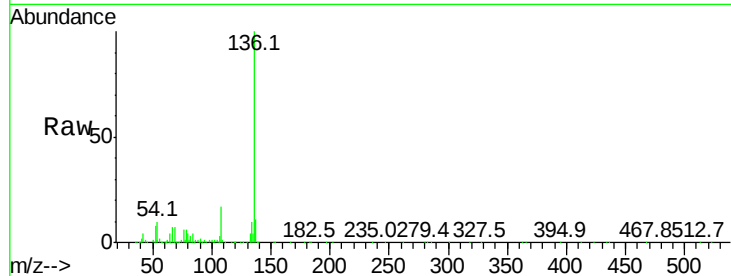
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.9	10.3	15.5#
68	7.0	4.5	6.7#

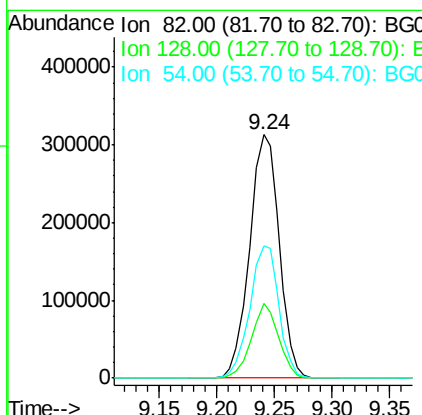
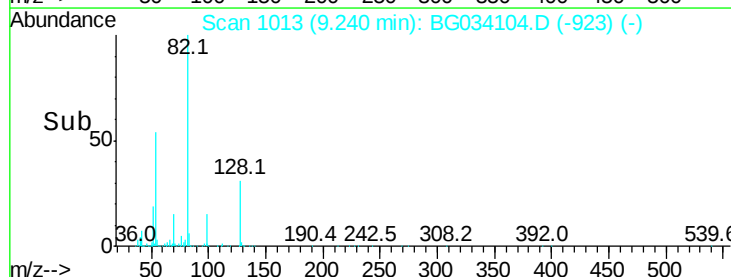
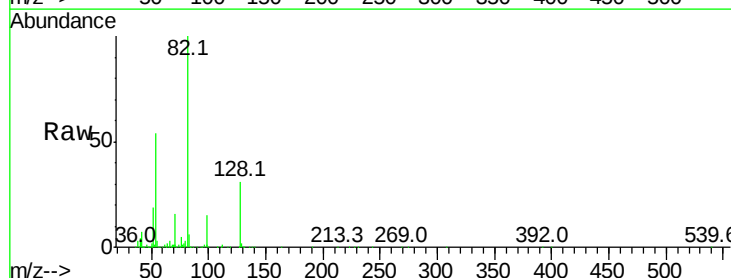
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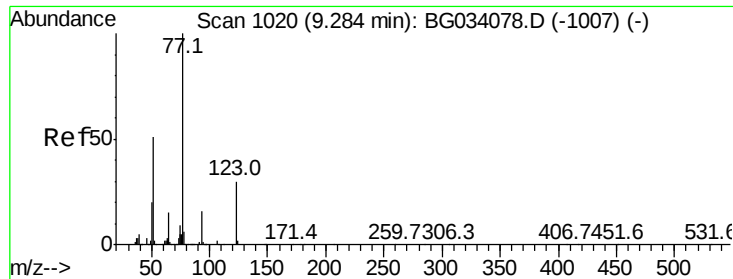
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#23
Nitrobenzene-d5
Concen: 85.206 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	30.6	29.7	44.5
54	54.3	43.1	64.7





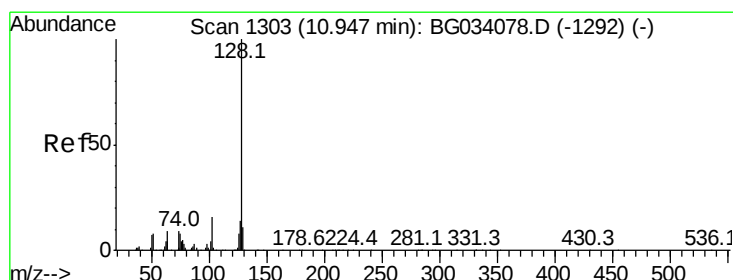
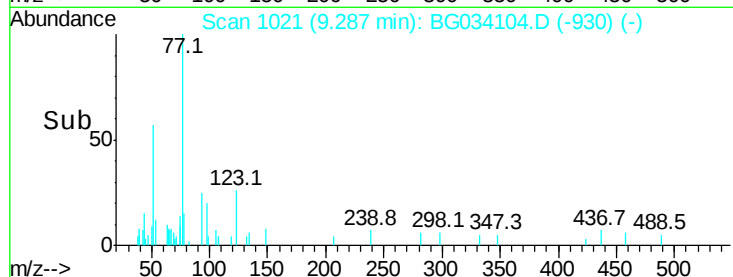
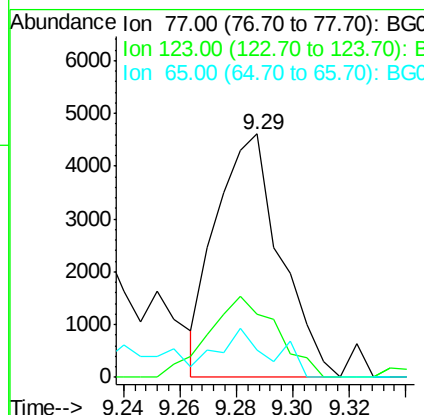
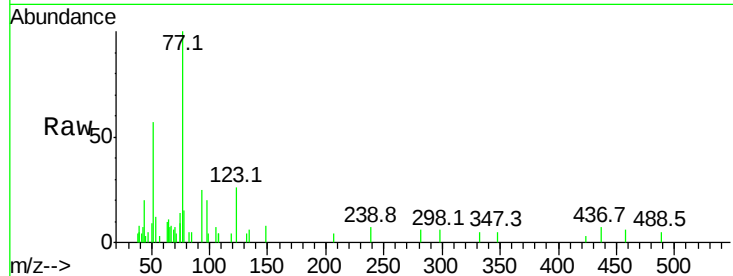
#24
Nitrobenzene
Concen: 1.008 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Lower	Upper
77	100		
123	25.9	33.0	49.6#
65	18.5	13.0	19.6

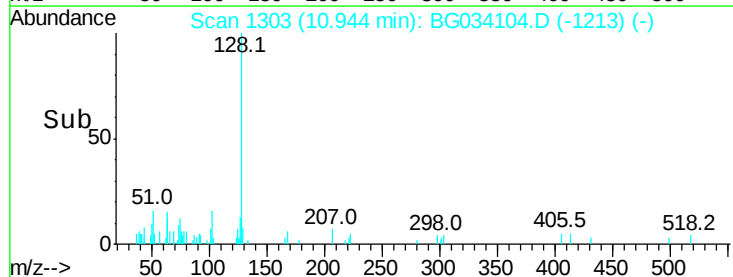
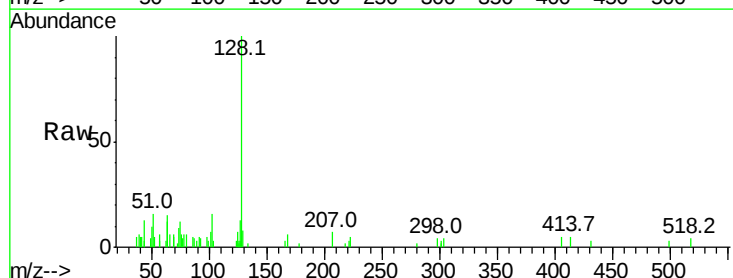
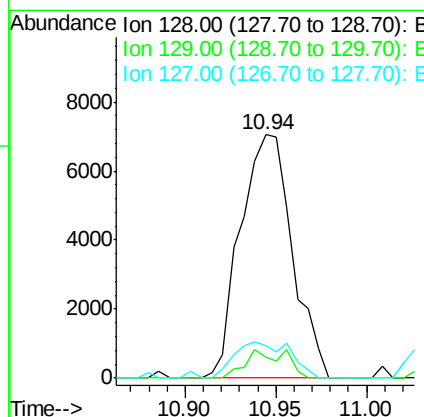
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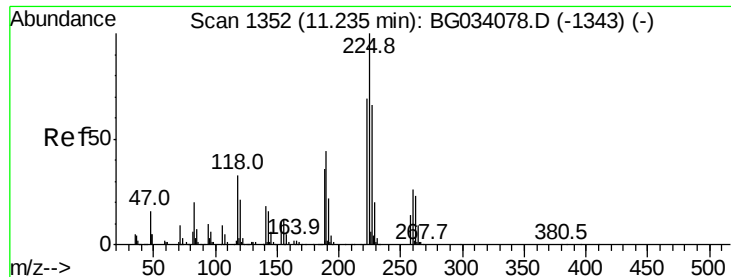
Sohil
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#31
Naphthalene
Concen: 1.057 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.3	8.6	12.8#
127	13.2	11.6	17.4





#34

Hexachlorobutadiene

Concen: 1.097 ng

RT: 11.23 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

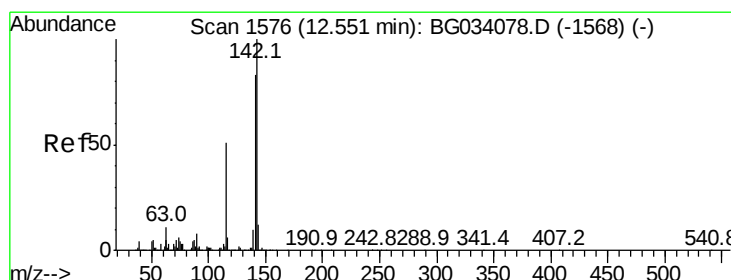
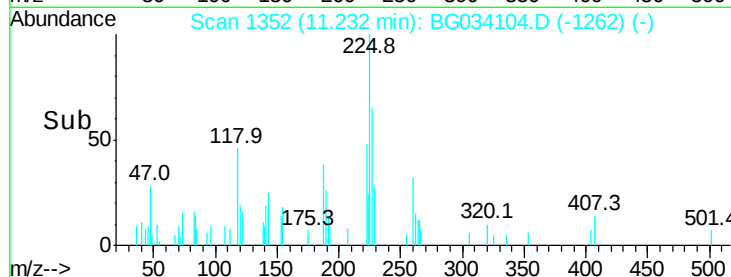
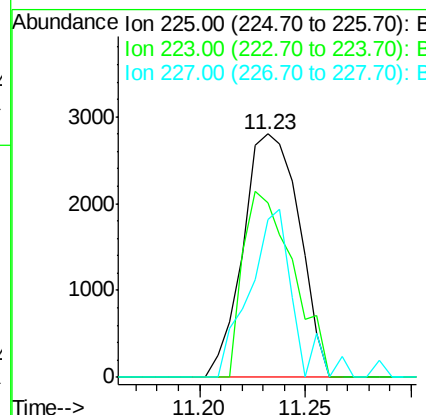
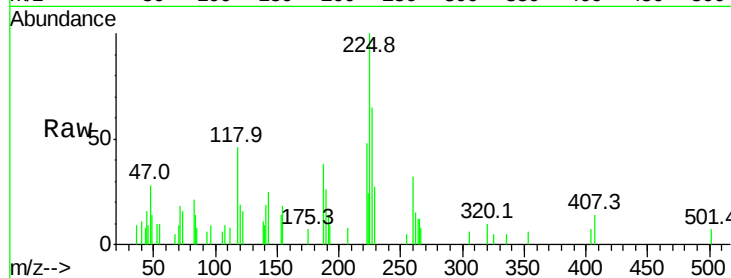
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	225	Resp:	5166
Ion	Ratio	Lower	Upper
225	100		
223	71.8	49.7	74.5
227	64.6	48.1	72.1

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#37

2-Methylnaphthalene

Concen: 0.985 ng

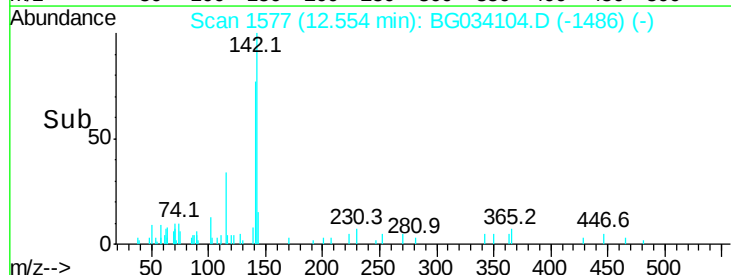
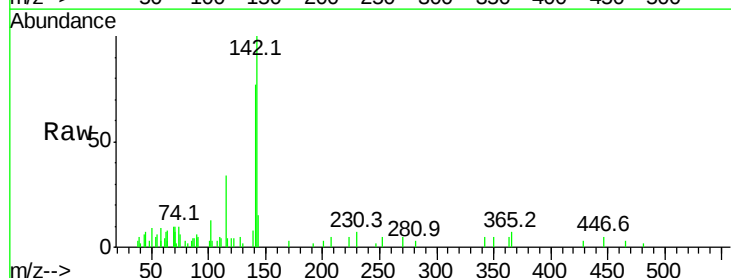
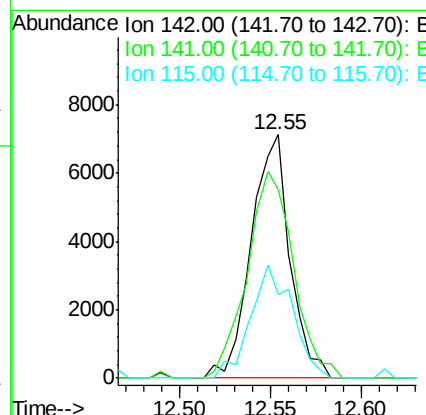
RT: 12.55 min Scan# 1577

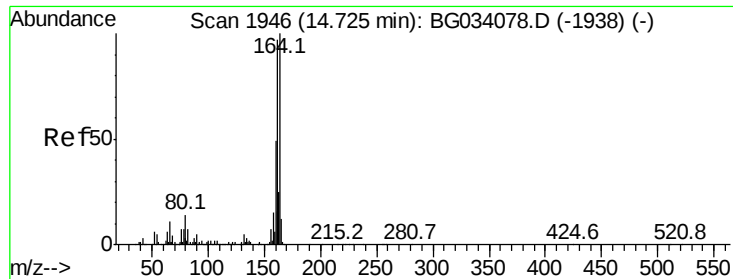
Delta R.T. 0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	142	Resp:	10599
Ion	Ratio	Lower	Upper
142	100		
141	77.2	67.1	100.7
115	34.1	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

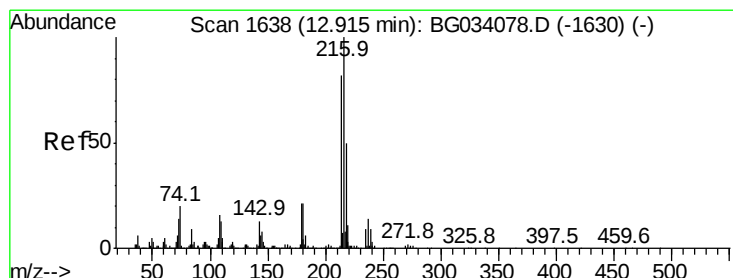
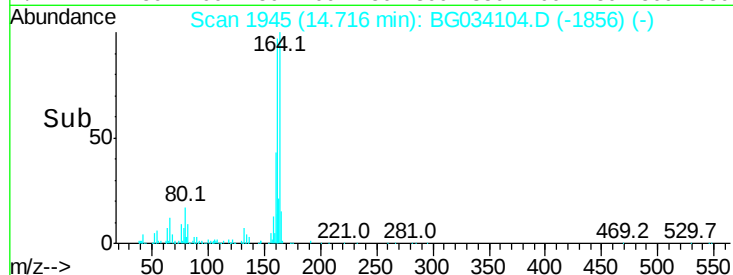
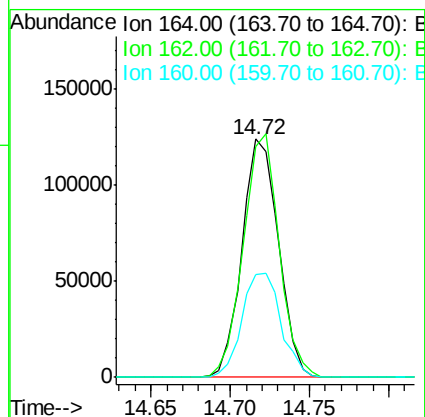
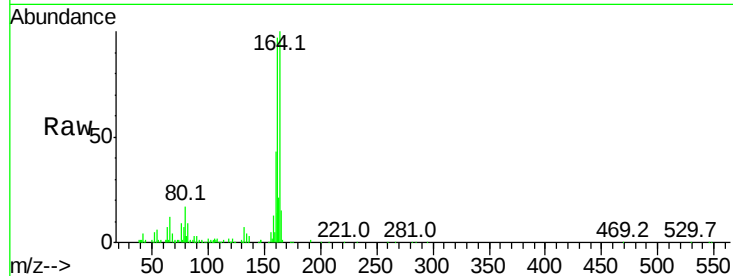
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	164	Resp:	198013
Ion Ratio	Lower	Upper	
164	100		
162	97.1	78.8	118.2
160	43.4	35.4	53.0

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.078 ng

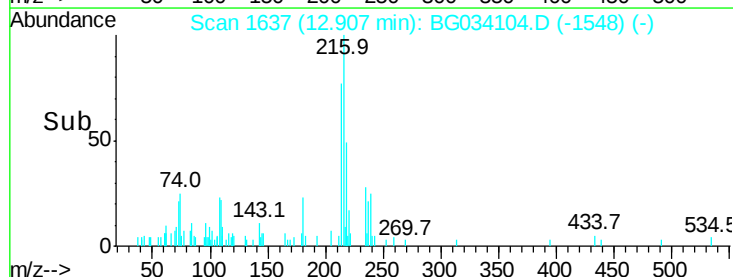
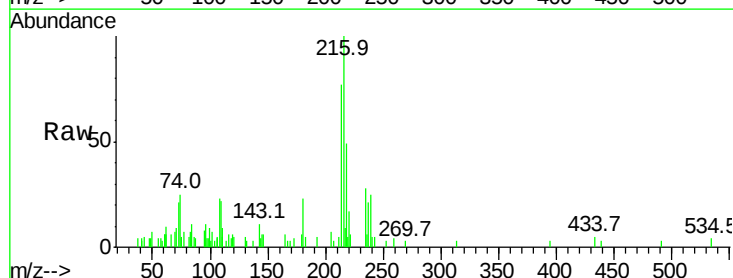
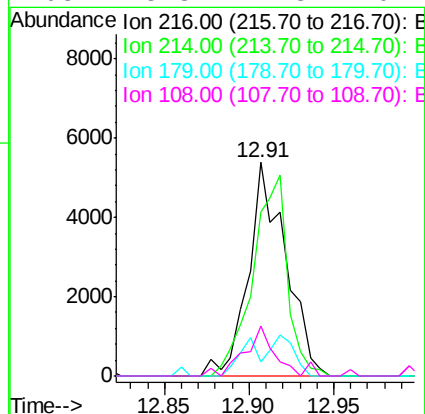
RT: 12.91 min Scan# 1637

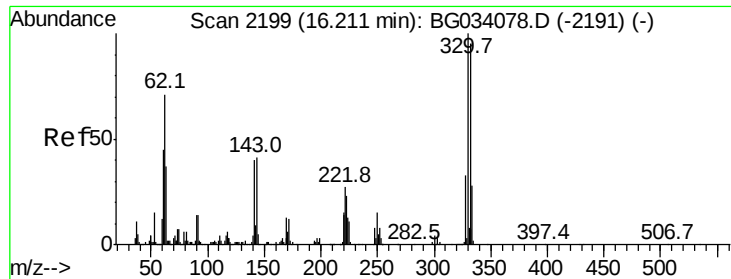
Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	216	Resp:	8257
Ion Ratio	Lower	Upper	
216	100		
214	0.0	63.0	94.4#
179	9.1	17.0	25.6#
108	18.3	12.8	19.2





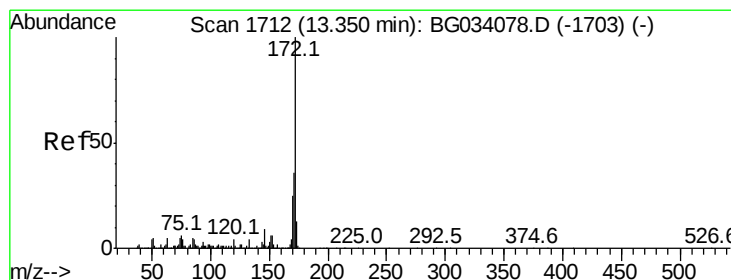
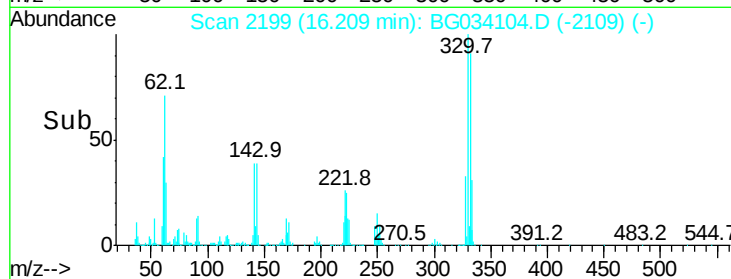
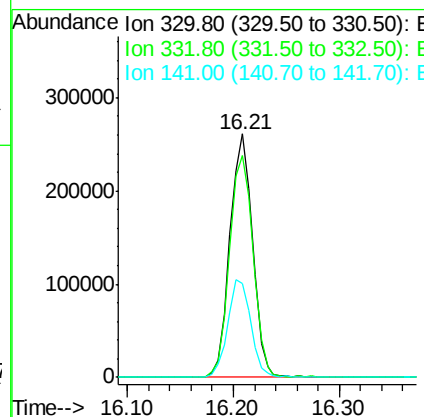
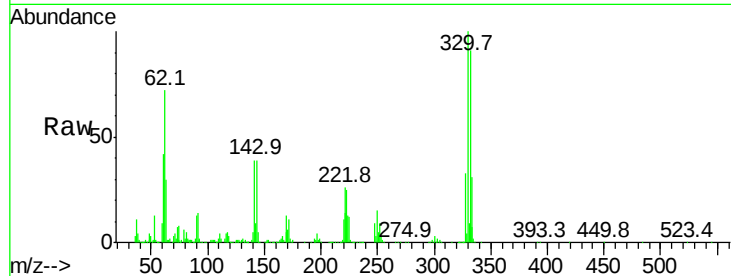
#41
 2,4,6-Tribromophenol
 Concen: 141.576 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG034104.D
 Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	41.0	25.2	37.8

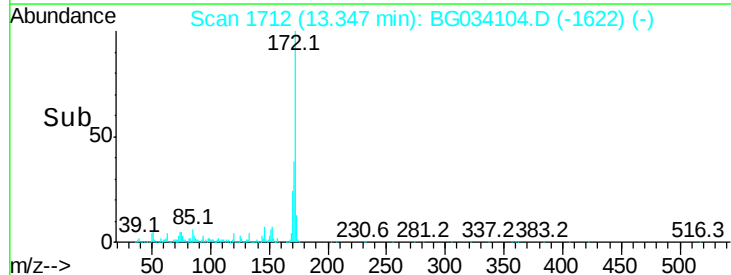
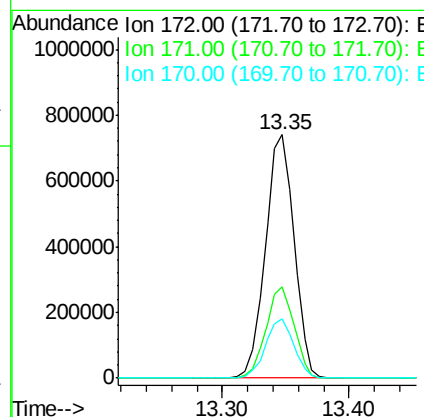
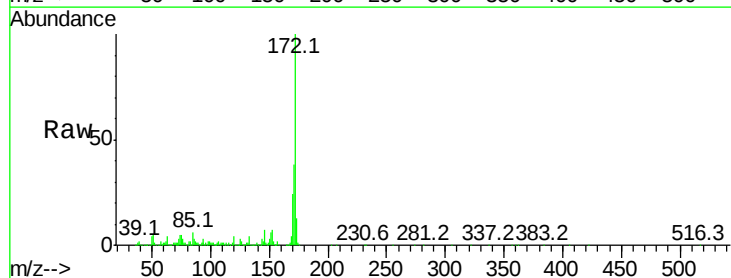
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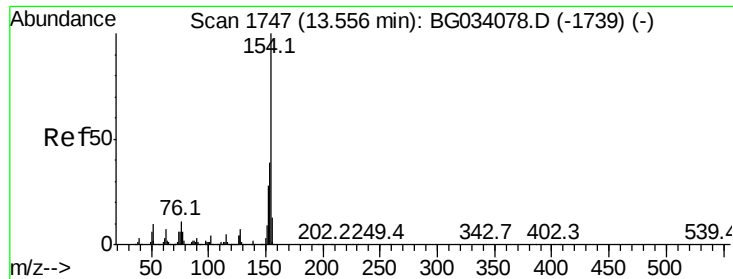
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.757 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG034104.D
 Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.3	19.5	29.3





#45

1,1'-Biphenyl

Concen: 1.289 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

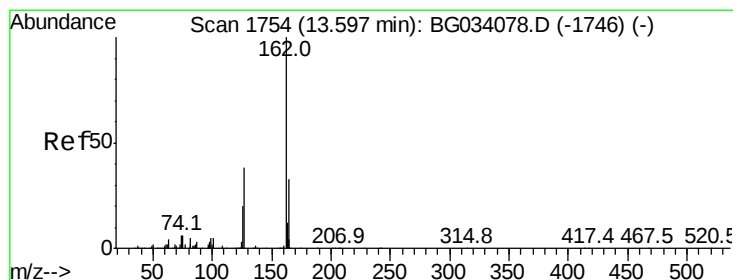
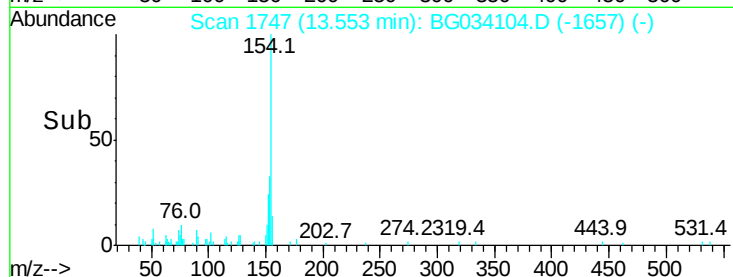
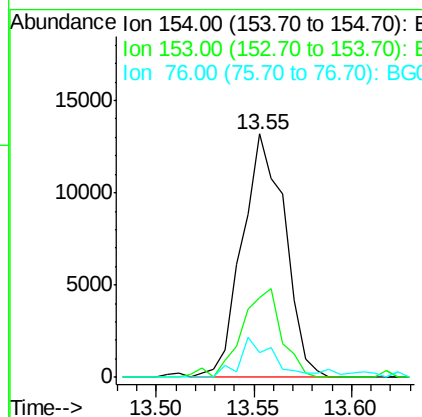
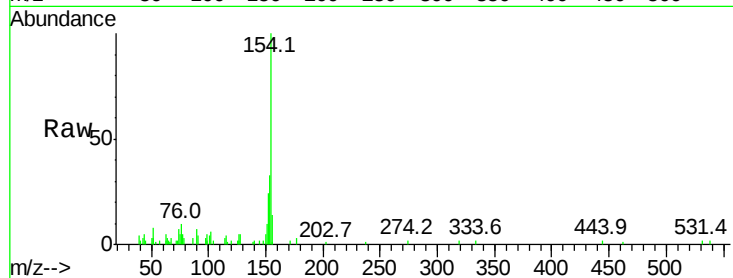
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	154	Resp:	19935
Ion Ratio	Lower	Upper	
154	100		
153	32.6	19.8	59.8
76	10.4	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 0.981 ng

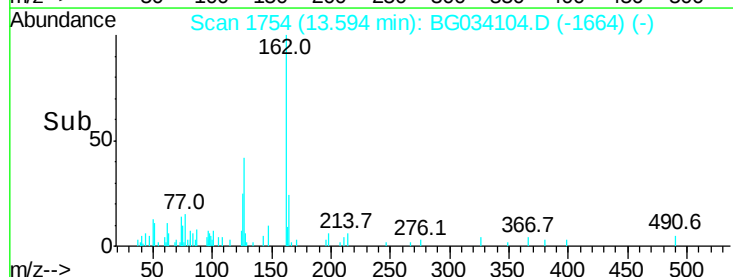
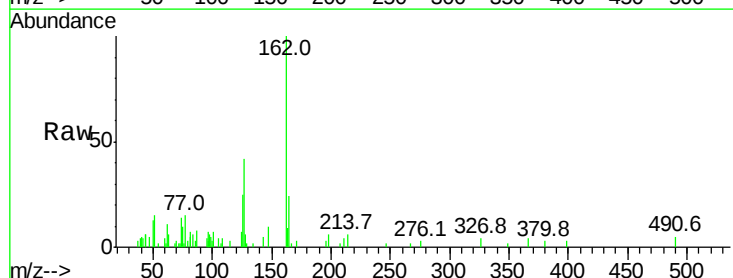
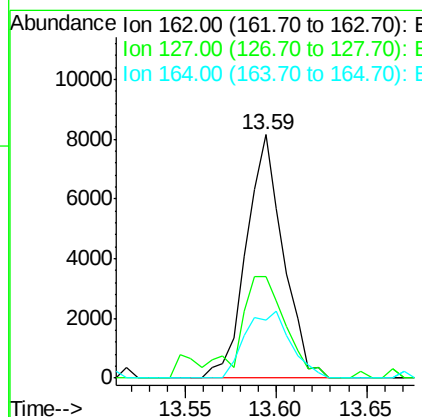
RT: 13.59 min Scan# 1754

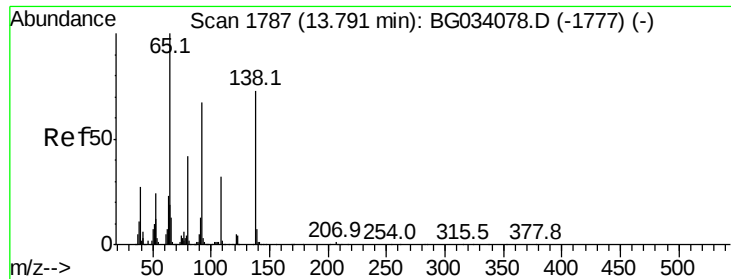
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	162	Resp:	11494
Ion Ratio	Lower	Upper	
162	100		
127	41.7	30.7	46.1
164	24.1	26.0	39.0#





#47

2-Nitroaniline

Concen: 0.951 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

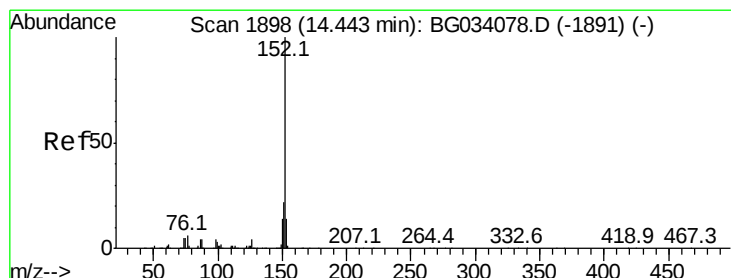
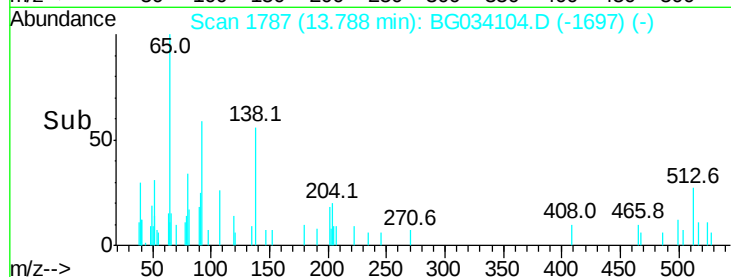
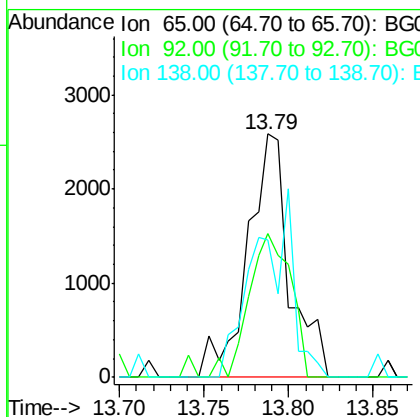
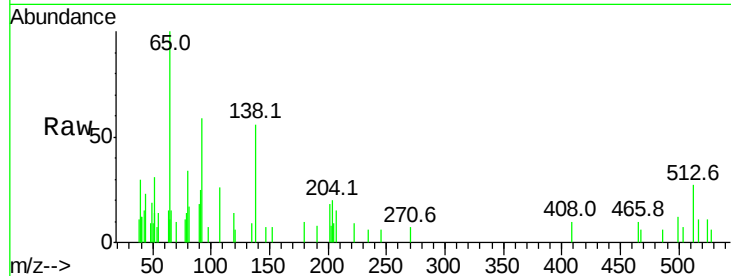
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	65	Resp:	4451
Ion Ratio	Lower	Upper	
65	100		
92	58.8	54.6	82.0
138	56.4	72.9	109.3#

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#48

Acenaphthylene

Concen: 0.975 ng

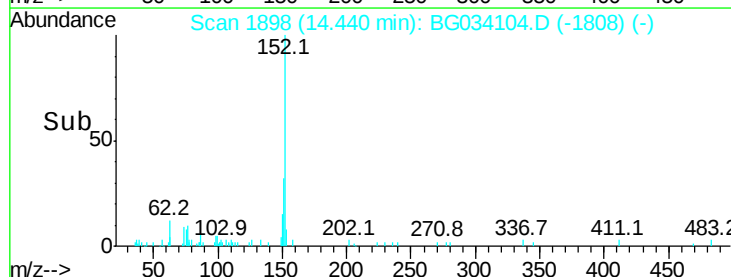
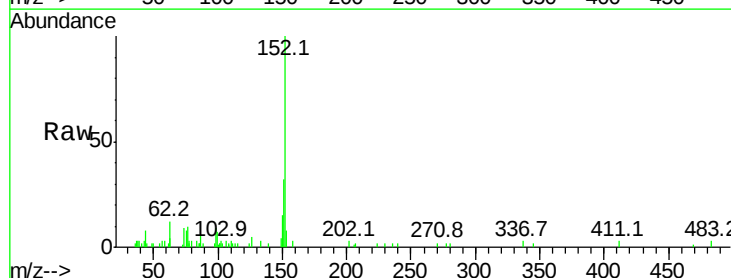
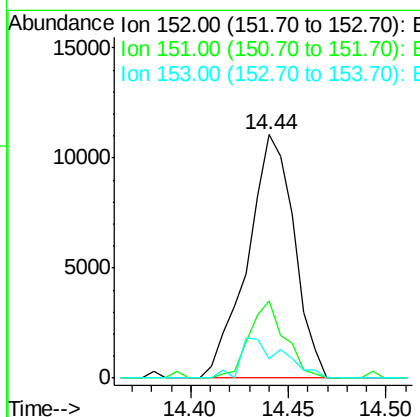
RT: 14.44 min Scan# 1898

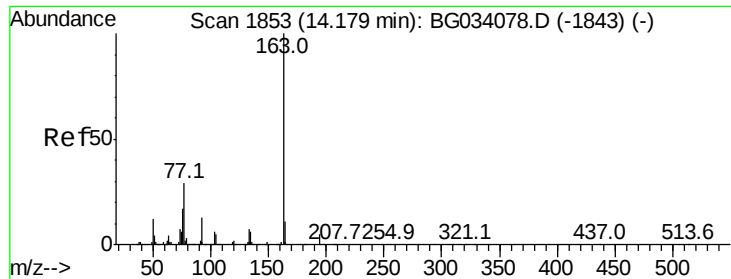
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	152	Resp:	18233
Ion Ratio	Lower	Upper	
152	100		
151	31.8	17.2	25.8#
153	8.2	10.2	15.4#





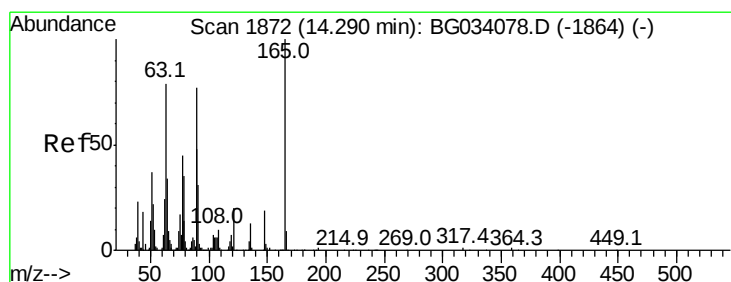
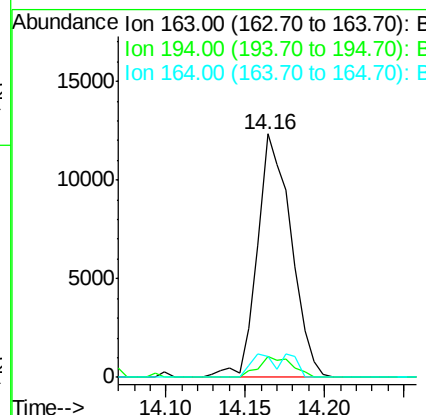
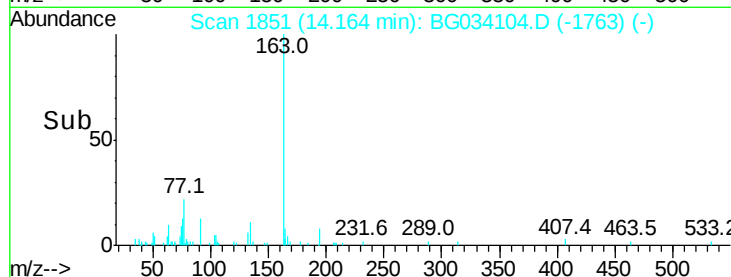
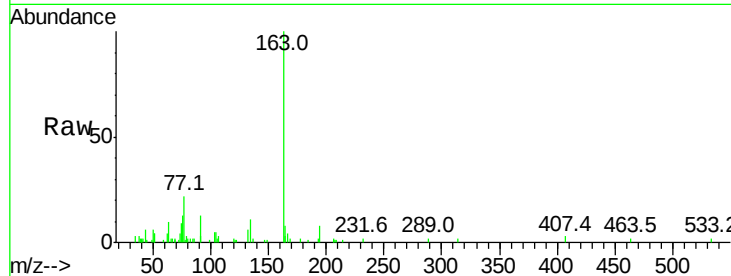
#49
Dimethylphthalate
Concen: 1.067 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	8.4	3.4	5.2#
164	8.5	8.2	12.4

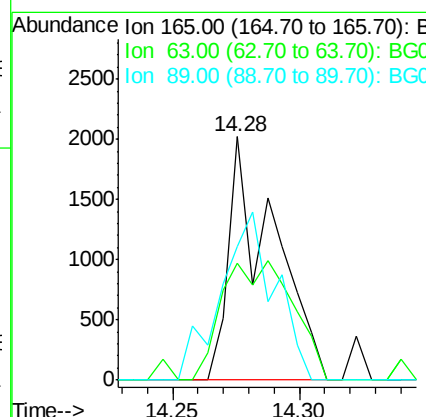
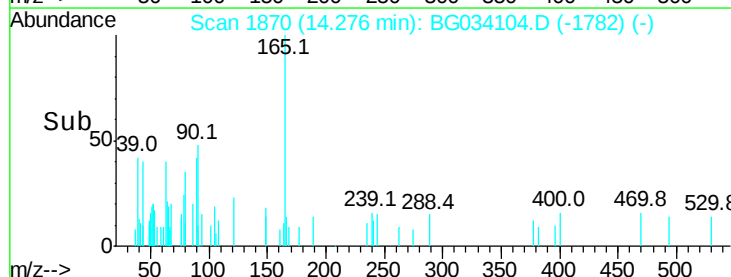
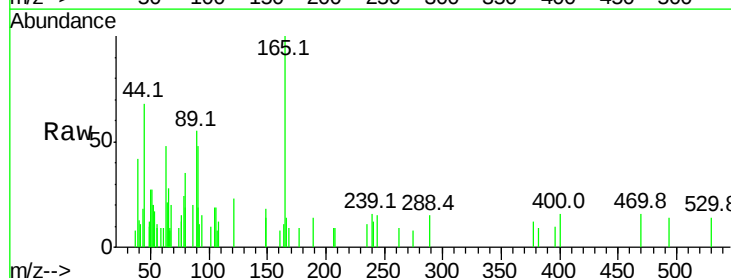
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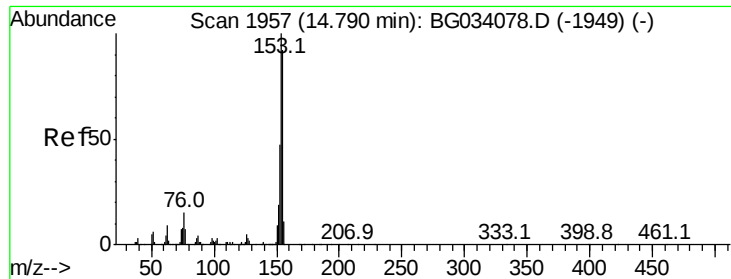
Sohil
5/2/2018 4:51:00 PM



#50
2,6-Dinitrotoluene
Concen: 0.756 ng
RT: 14.28 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	47.9	52.7	79.1#
89	54.6	49.2	73.8





#51

Acenaphthene

Concen: 1.016 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

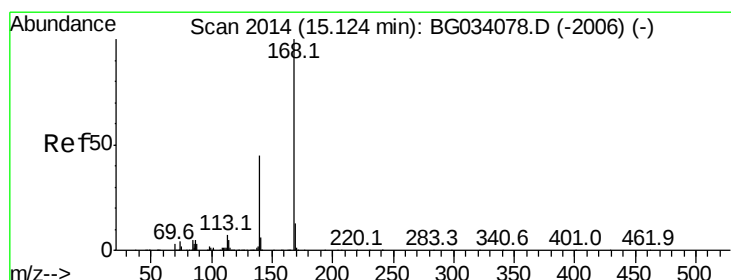
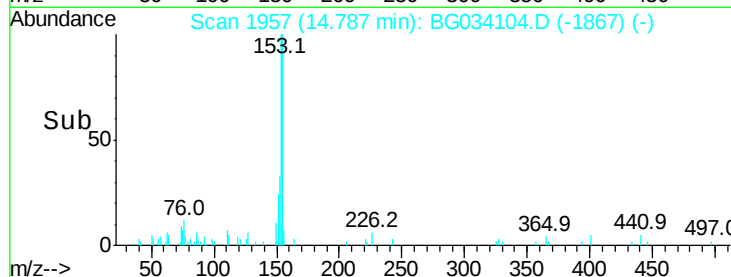
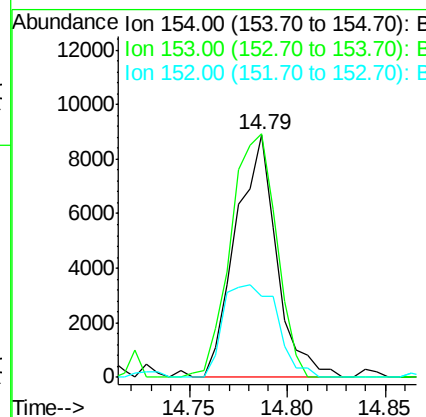
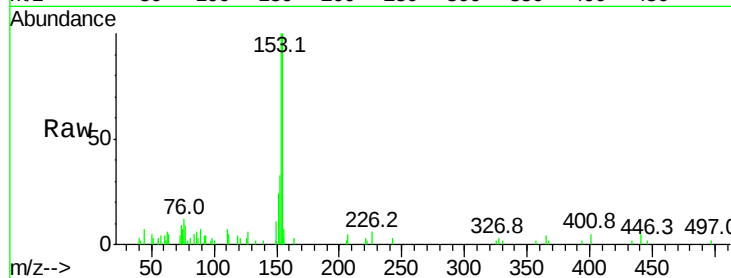
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	154	Resp:	12916
Ion Ratio	Lower	Upper	
154	100		
153	100.3	90.4	135.6
152	33.6	41.6	62.4#

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#54

Dibenzofuran

Concen: 1.040 ng

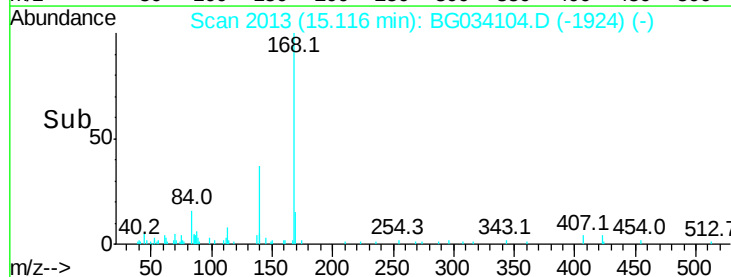
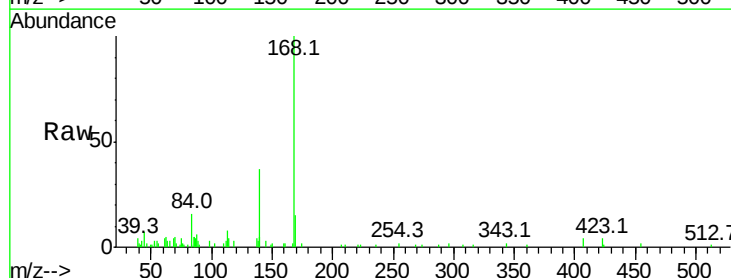
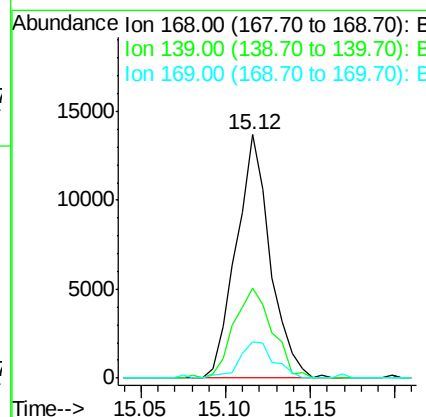
RT: 15.12 min Scan# 2013

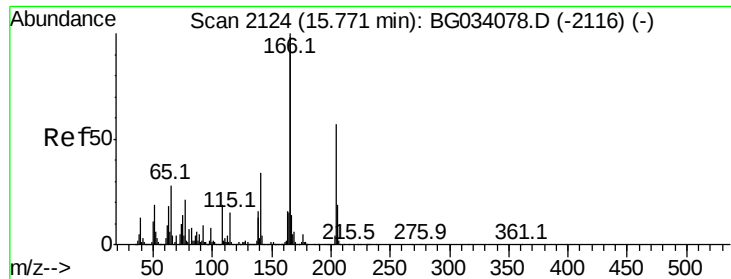
Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	168	Resp:	19151
Ion Ratio	Lower	Upper	
168	100		
139	37.2	28.6	43.0
169	14.9	11.2	16.8





#57

Fluorene

Concen: 1.096 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

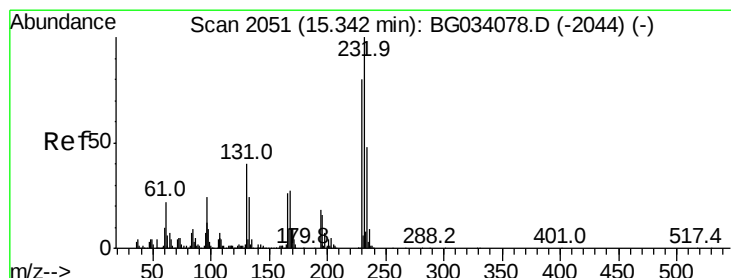
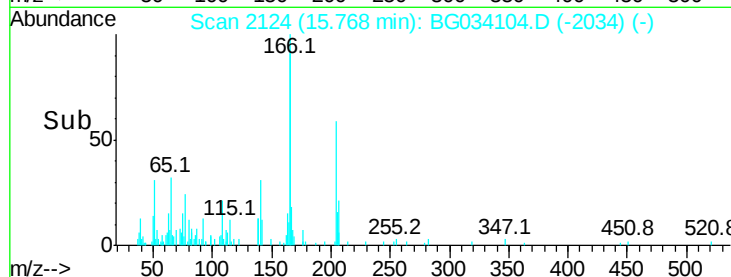
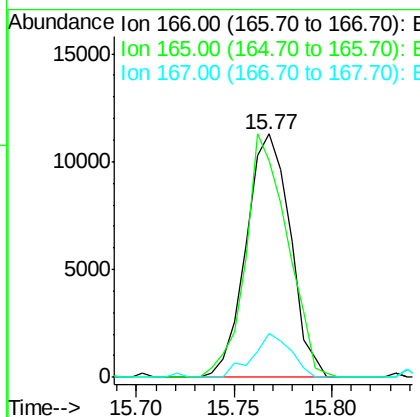
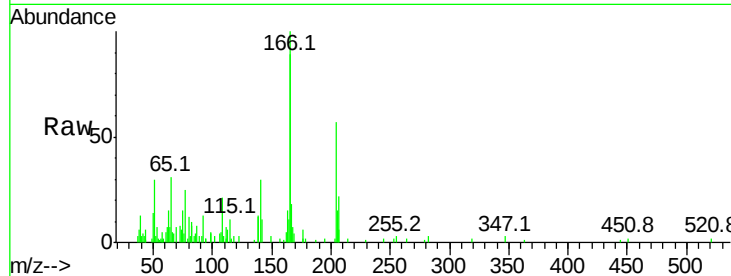
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
166	100		
165	88.8	80.6	121.0
167	18.0	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 0.851 ng

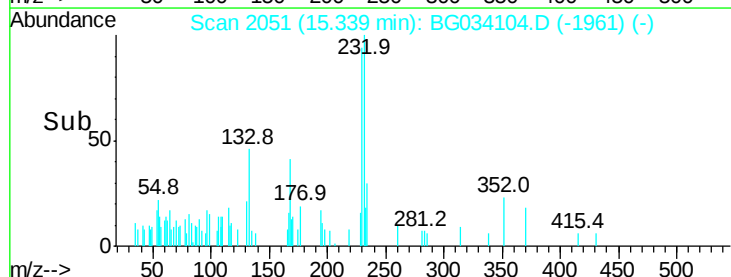
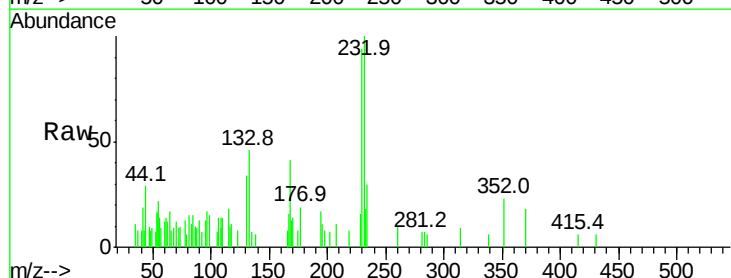
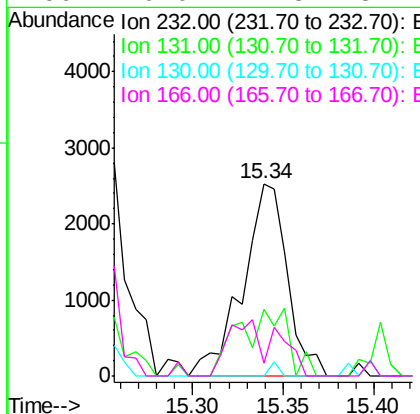
RT: 15.34 min Scan# 2051

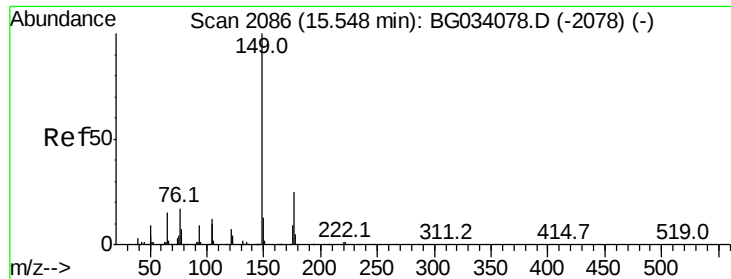
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	22.4	33.5	50.3
130	1.5	2.2	3.2
166	0.0	24.8	37.2





#59

Diethylphthalate

Concen: 1.013 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

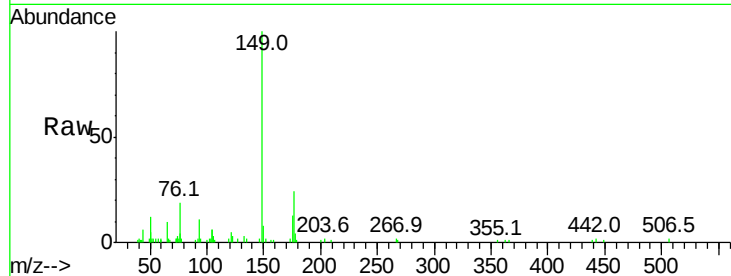
ClientSampleId :

MDL-WATER-03-QT2-2018

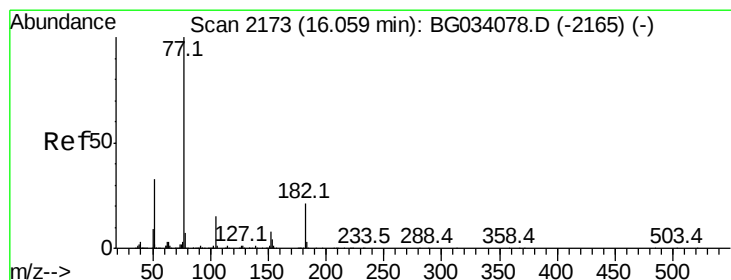
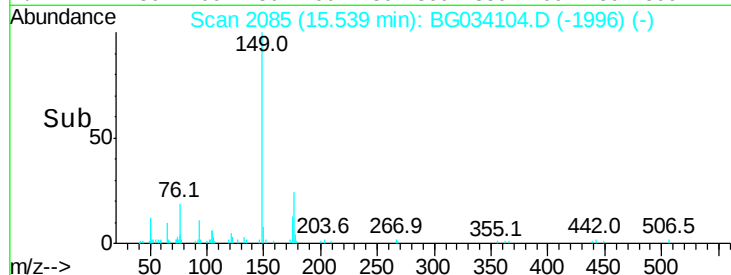
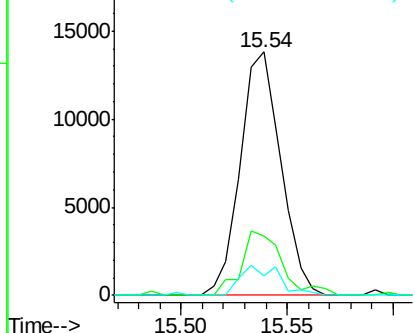
Tot Ion:	149	Resp:	18414
Ion Ratio	Lower	Upper	
149	100		
177	24.1	18.5	27.7
150	7.9	10.2	15.2#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.999 ng

RT: 16.06 min Scan# 2173

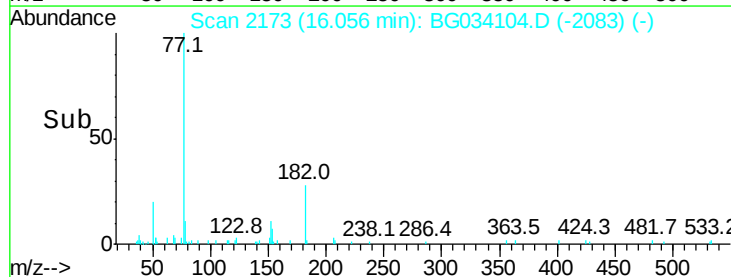
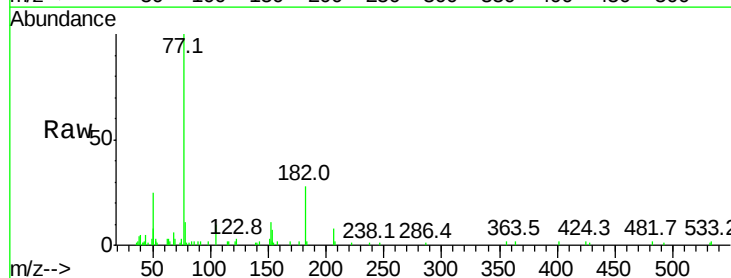
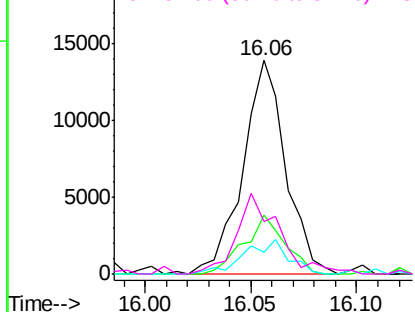
Delta R.T. -0.00 min

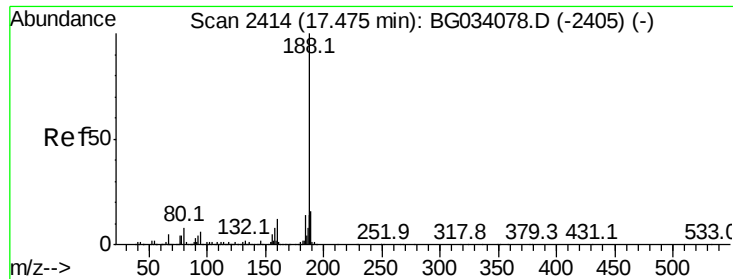
Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	77	Resp:	19608
Ion Ratio	Lower	Upper	
77	100		
182	27.8	7.4	47.4
105	10.0	0.3	40.3
51	24.6	11.6	51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

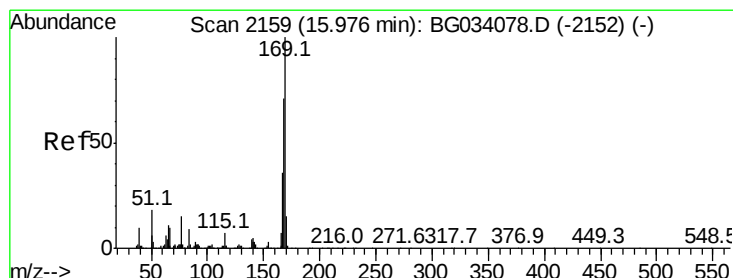
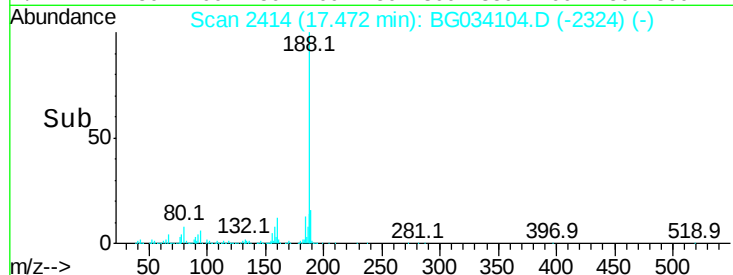
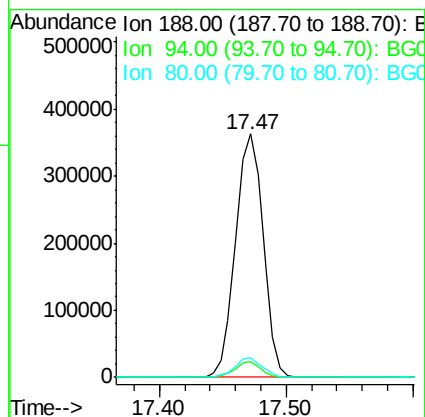
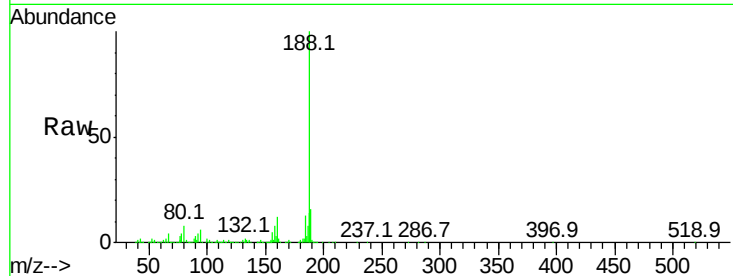
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:188	Resp:	546523
Ion Ratio	Lower	Upper
188 100		
94 6.3	6.9	10.3#
80 8.3	7.7	11.5

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#65

n-Nitrosodiphenylamine

Concen: 0.885 ng

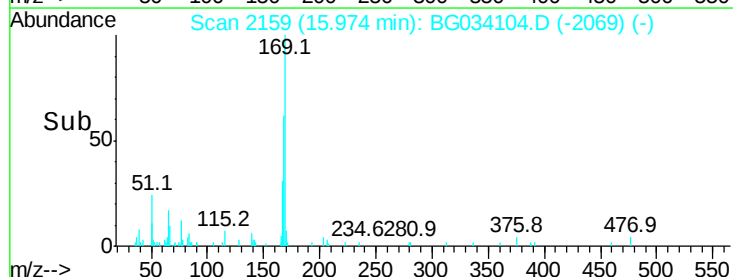
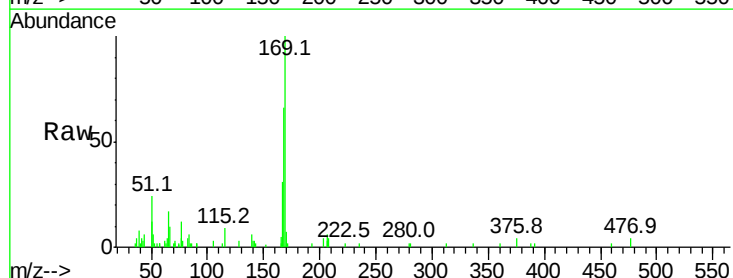
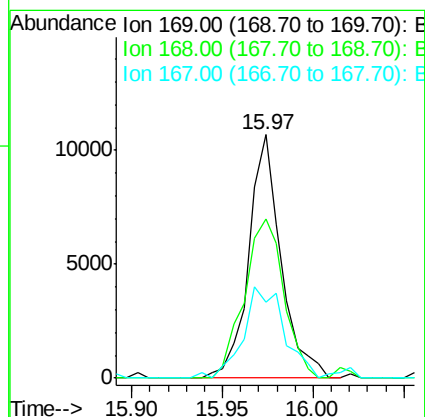
RT: 15.97 min Scan# 2159

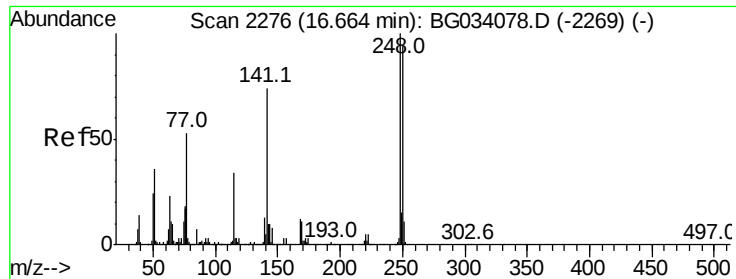
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:169	Resp:	13194
Ion Ratio	Lower	Upper
169 100		
168 65.6	55.7	83.5
167 31.2	30.1	45.1





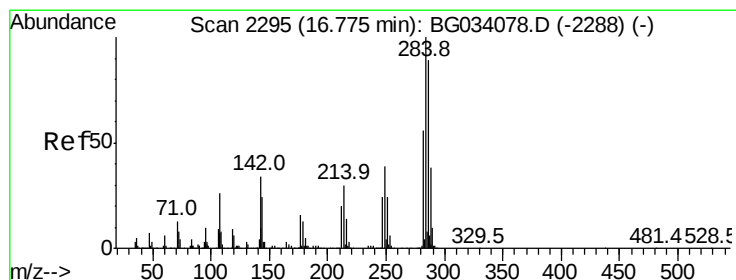
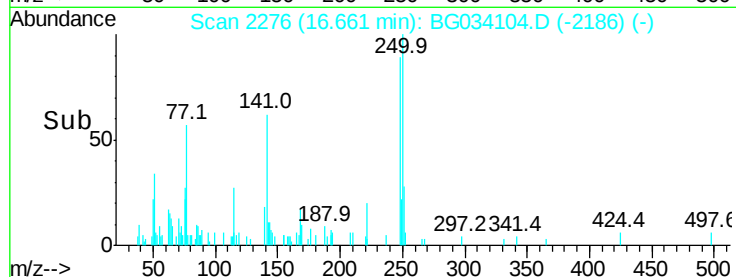
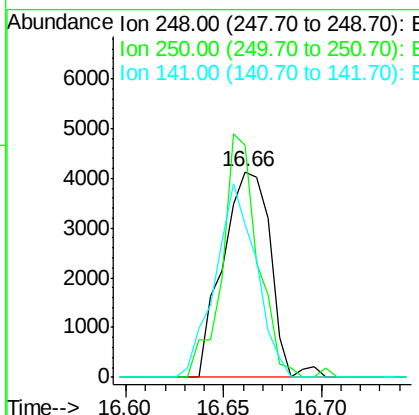
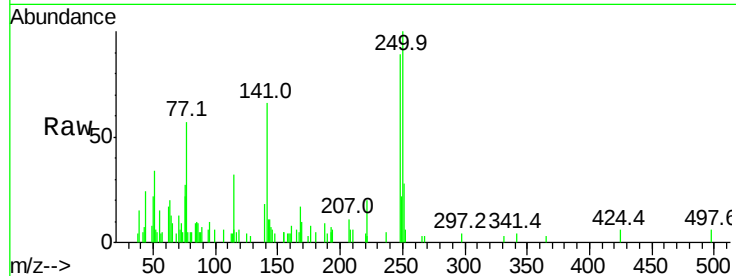
#66
 4-Bromophenyl-phenylether
 Concen: 1.028 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG034104.D
 Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	112.8	77.1	115.7
141	74.3	50.8	76.2

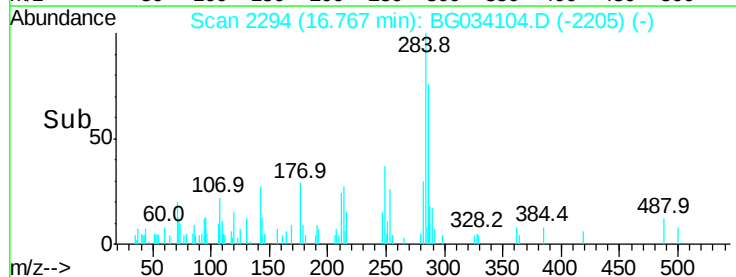
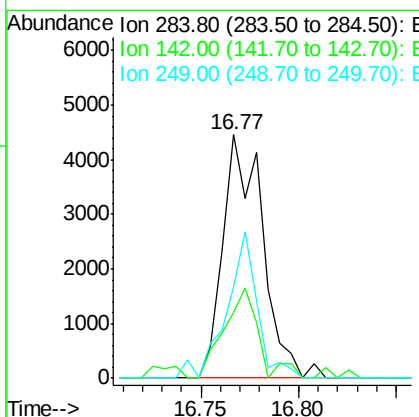
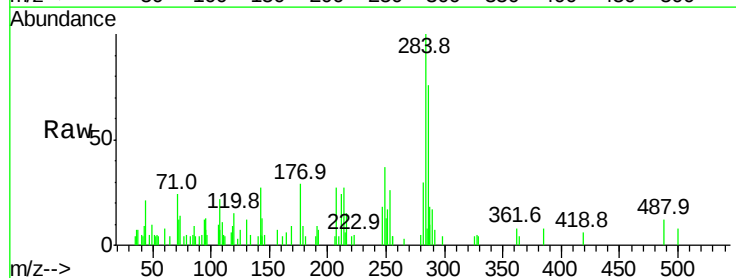
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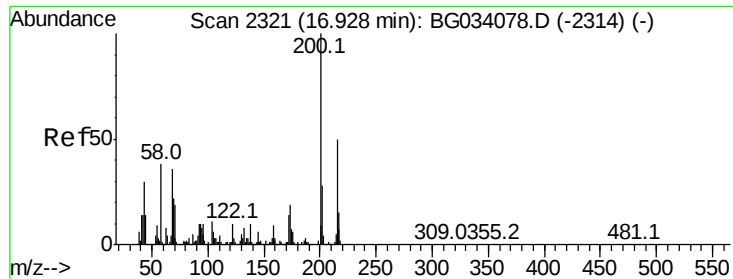
Sohil
 5/2/2018 4:51:00 PM



#67
 Hexachlorobenzene
 Concen: 0.910 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG034104.D
 Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.8	40.2
249	49.9	26.3	39.5





#68

Atrazine

Concen: 1.490 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

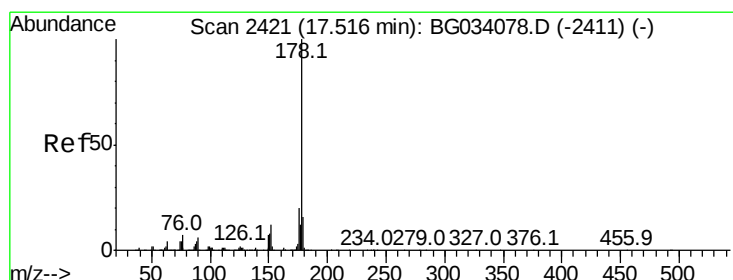
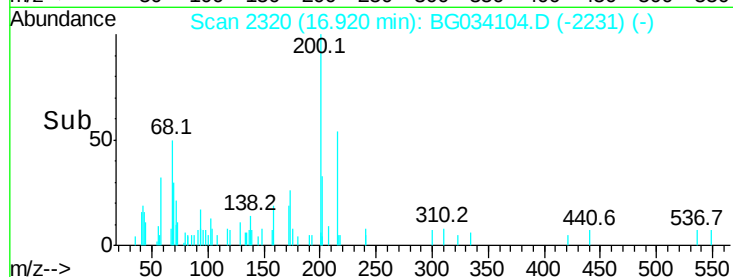
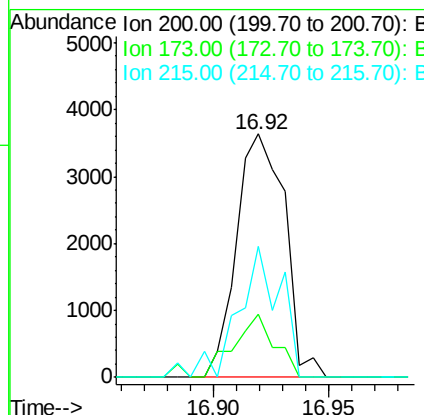
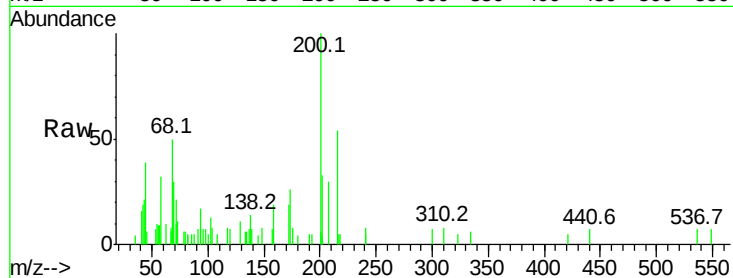
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.2	45.2
215	53.6	30.4	70.4

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#70

Phenanthrene

Concen: 1.050 ng m

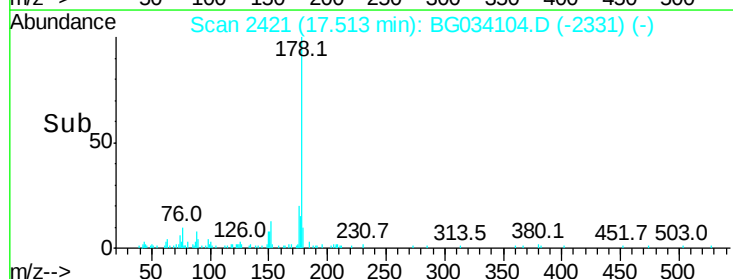
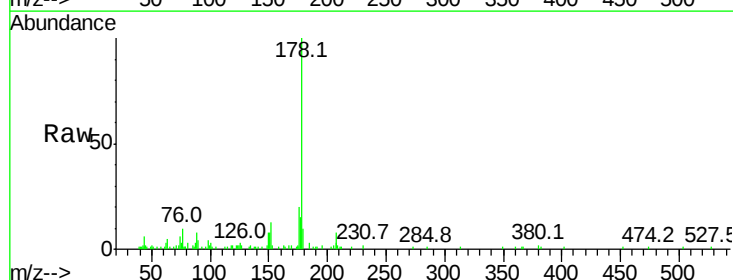
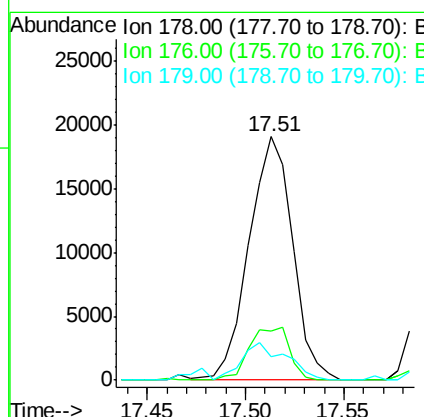
RT: 17.51 min Scan# 2421

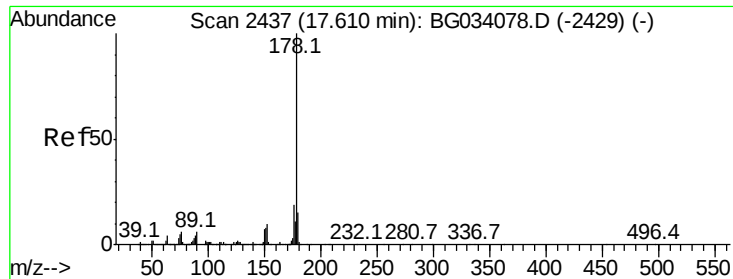
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	9.5	12.5	18.7#





#71

Anthracene

Concen: 1.006 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

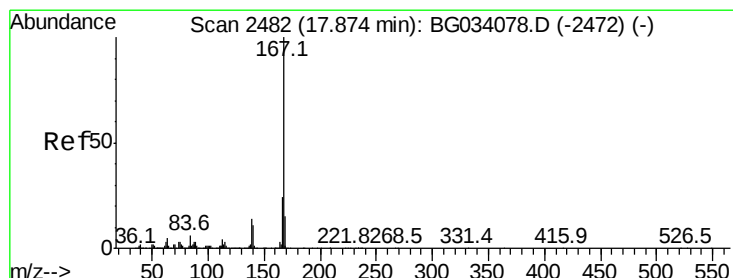
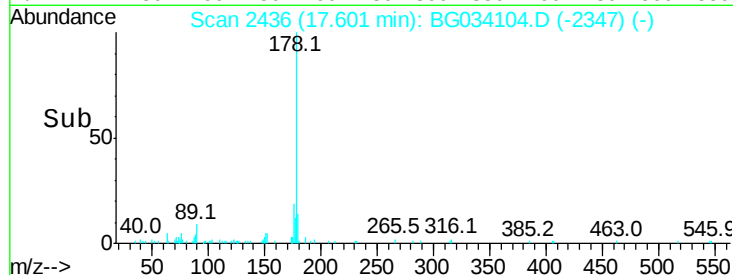
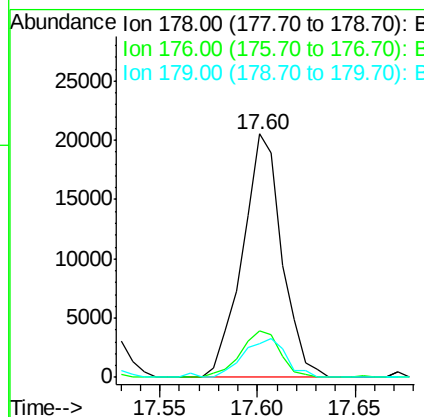
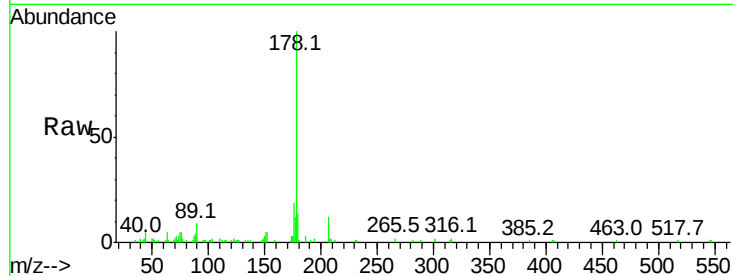
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	178	Resp:	28635
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.0	24.0
179	13.7	12.5	18.7

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#72

Carbazole

Concen: 1.004 ng

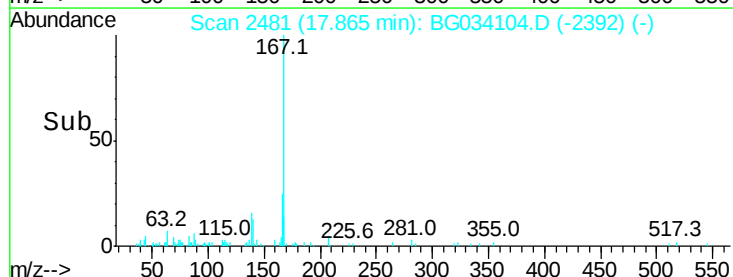
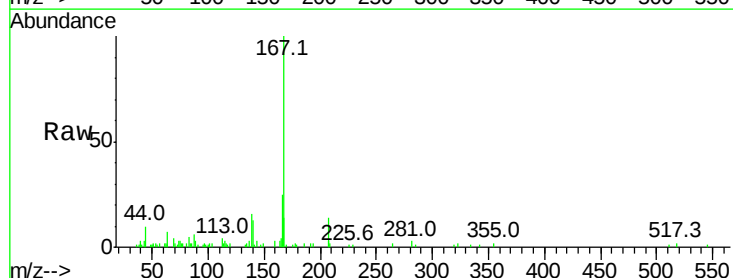
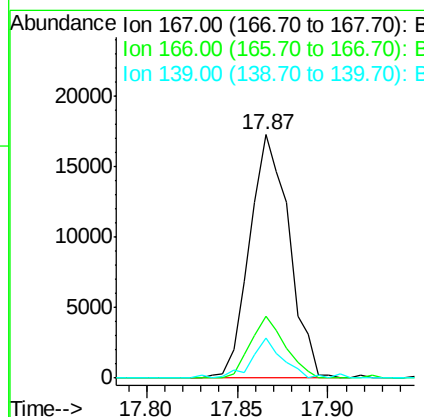
RT: 17.87 min Scan# 2481

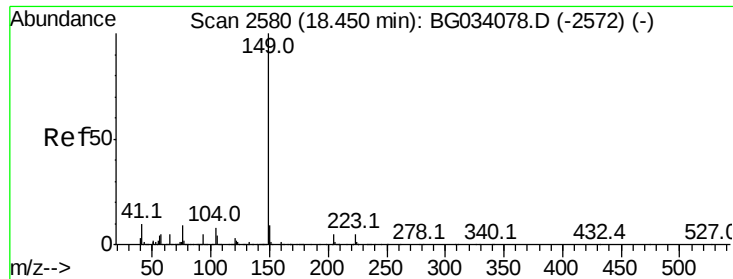
Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	167	Resp:	26160
Ion Ratio	Lower	Upper	
167	100		
166	25.3	18.2	27.4
139	16.2	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 1.026 ng

RT: 18.45 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

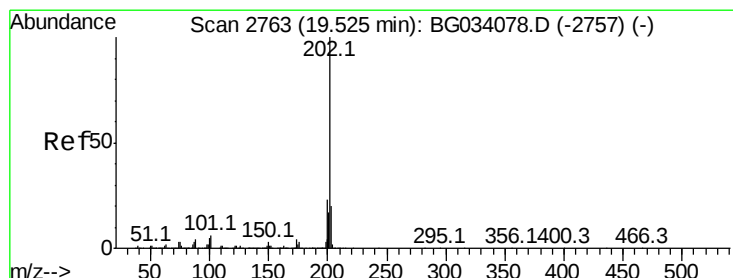
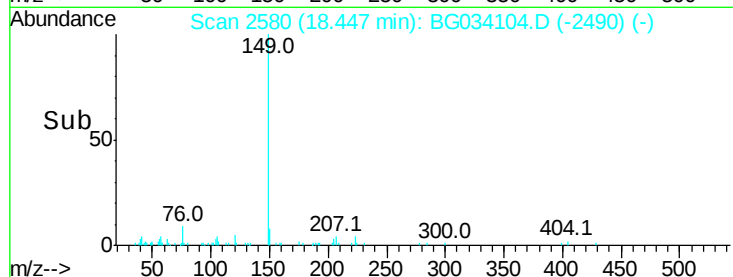
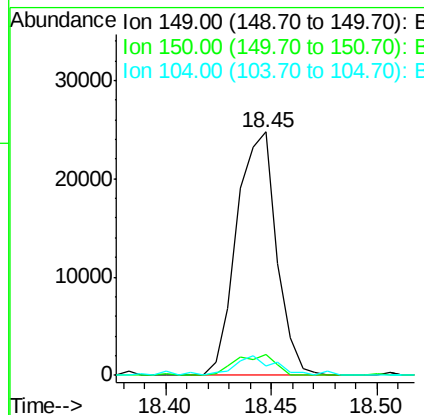
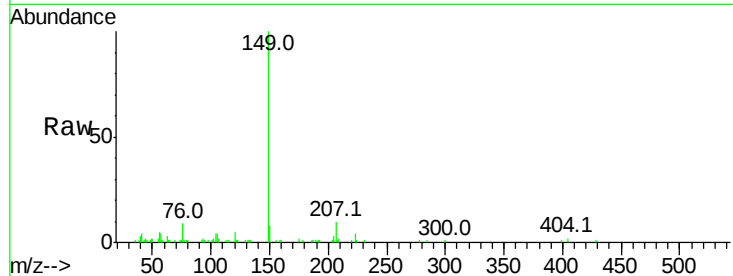
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	149	Resp:	32172
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.8	11.6
104	3.9	3.9	5.9

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#74

Fluoranthene

Concen: 1.151 ng

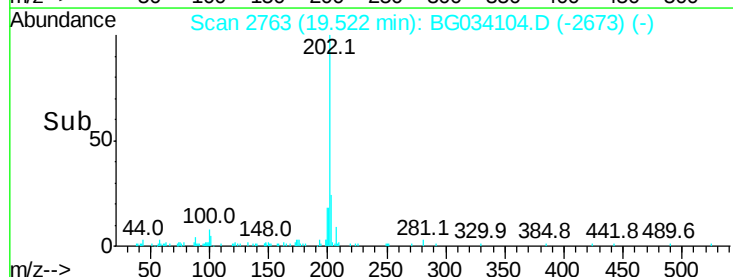
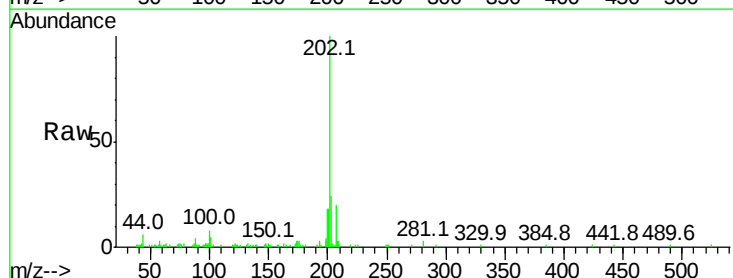
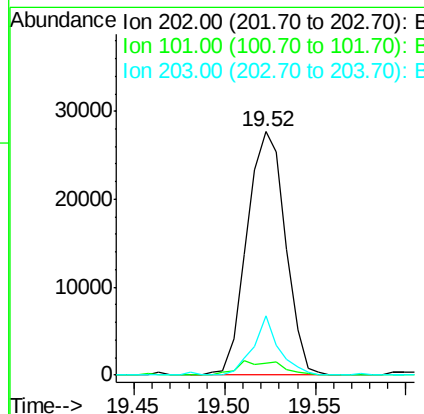
RT: 19.52 min Scan# 2763

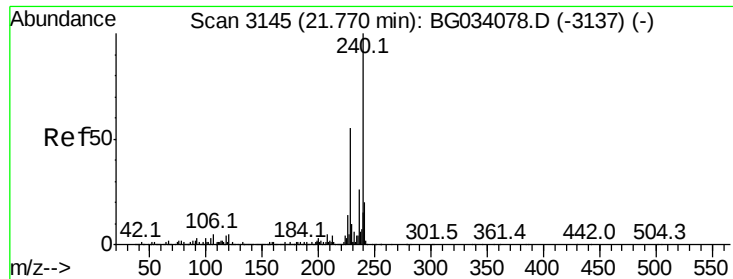
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	202	Resp:	40835
Ion Ratio	Lower	Upper	
202	100		
101	5.1	0.0	28.9
203	24.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

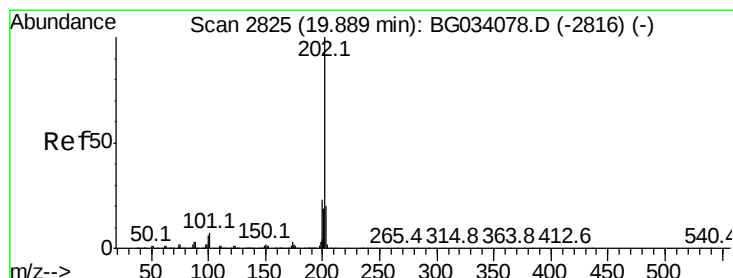
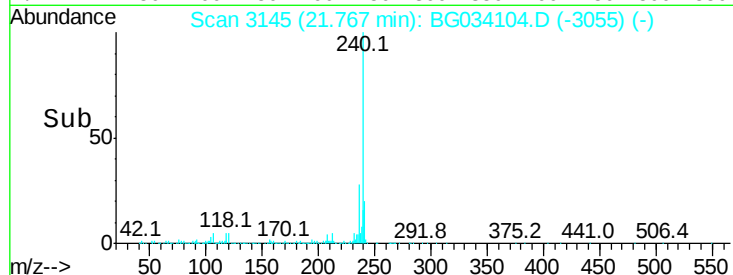
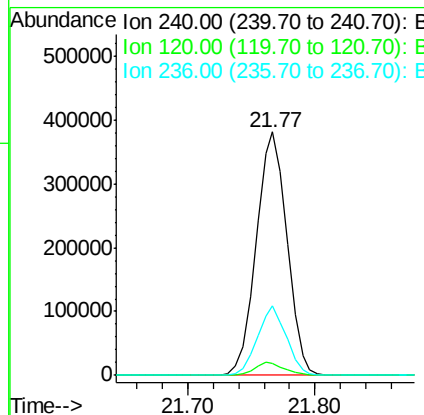
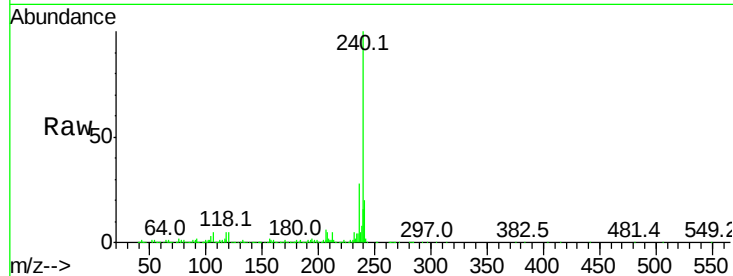
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	28.4	20.9	31.3

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#77

Pyrene

Concen: 0.962 ng

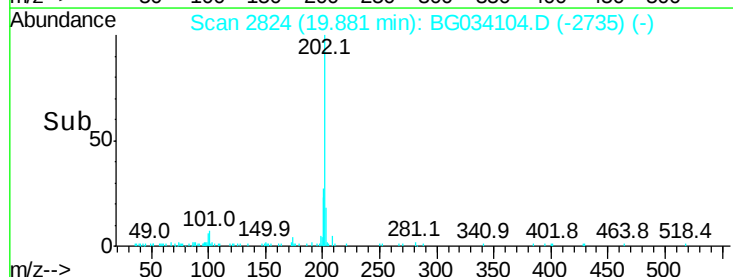
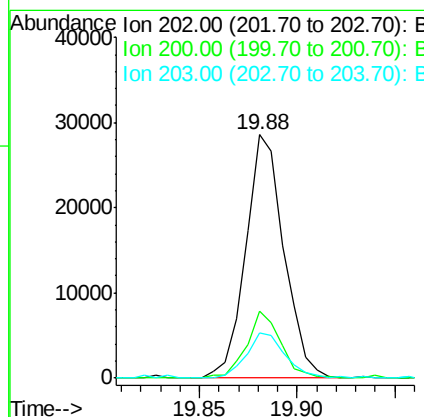
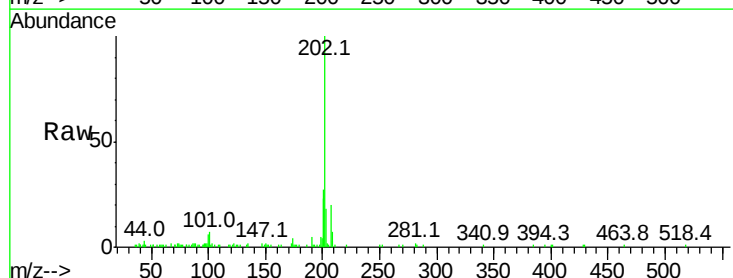
RT: 19.88 min Scan# 2824

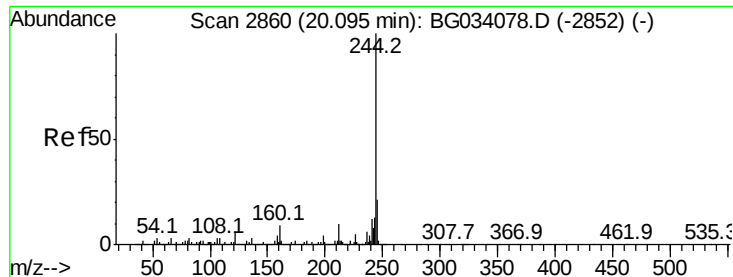
Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.3	16.9	25.3#
203	18.5	13.9	20.9





#78

Terphenyl-d14

Concen: 79.242 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

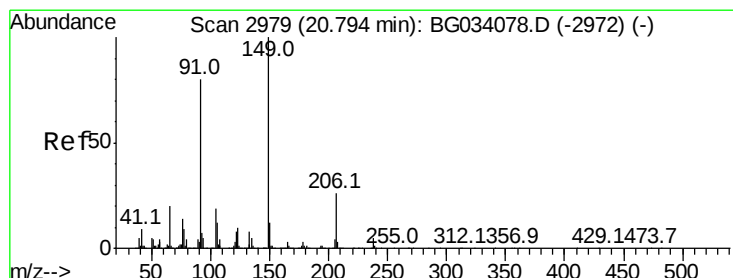
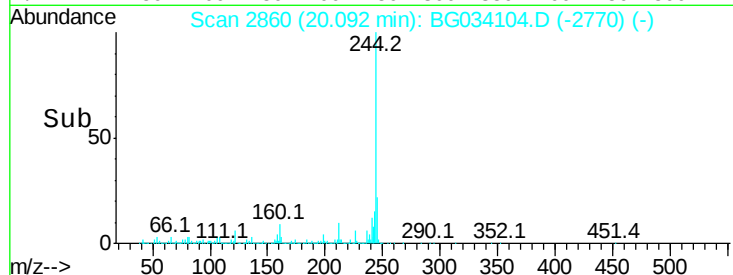
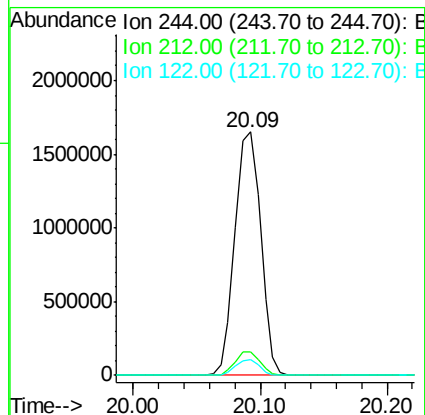
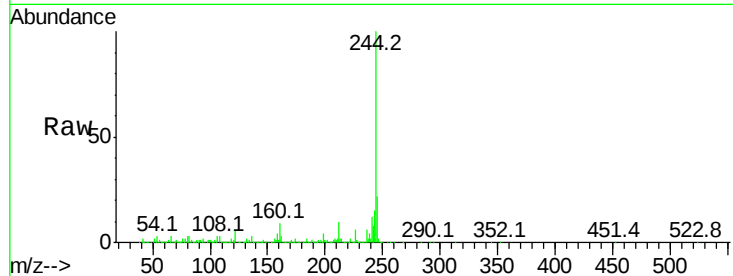
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	244	Resp:	2322540
Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.4	7.0	10.4#

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#79

Butylbenzylphthalate

Concen: 0.888 ng

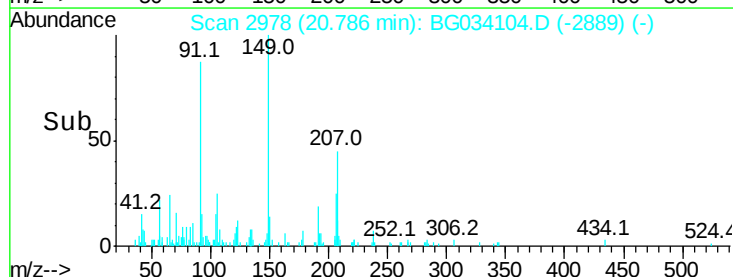
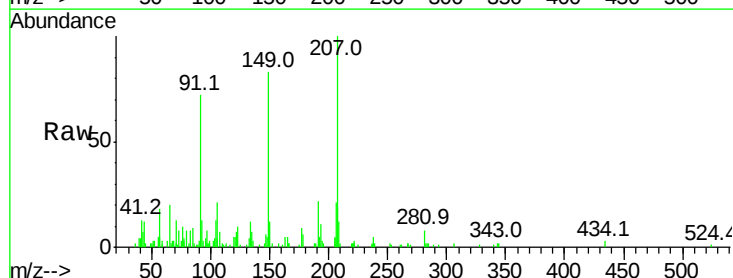
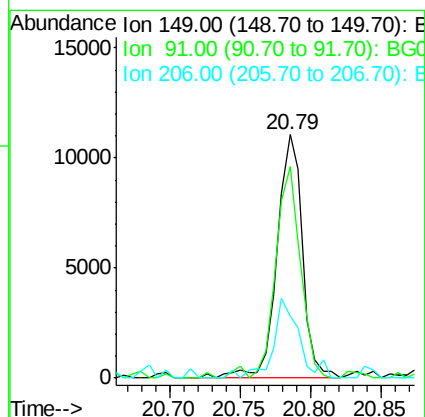
RT: 20.79 min Scan# 2978

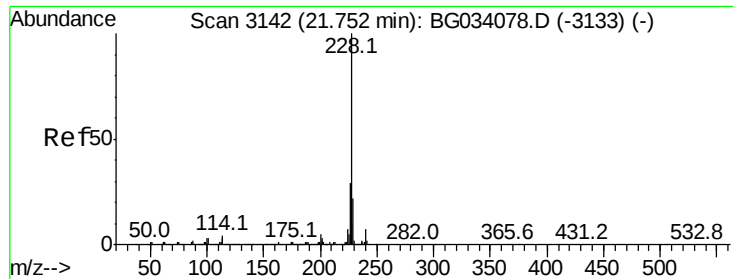
Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	149	Resp:	13942
Ion	Ratio	Lower	Upper
149	100		
91	86.7	62.2	93.2
206	25.3	18.6	27.8





#80

Benzo(a)anthracene

Concen: 1.078 ng m

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

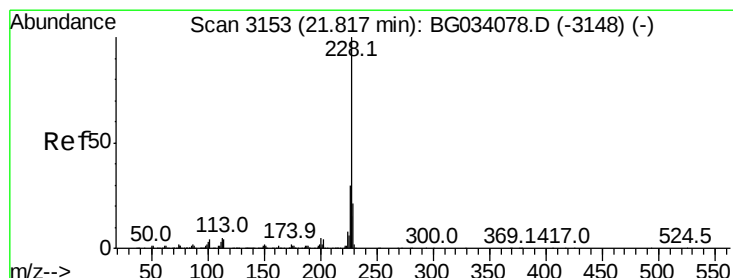
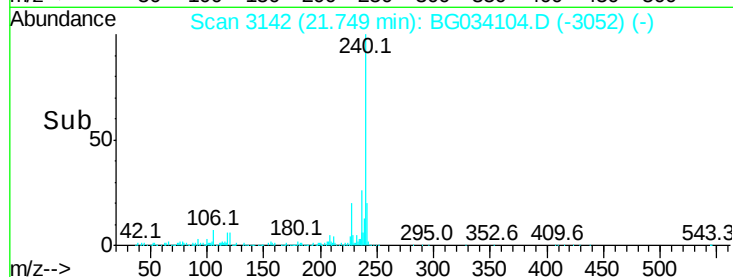
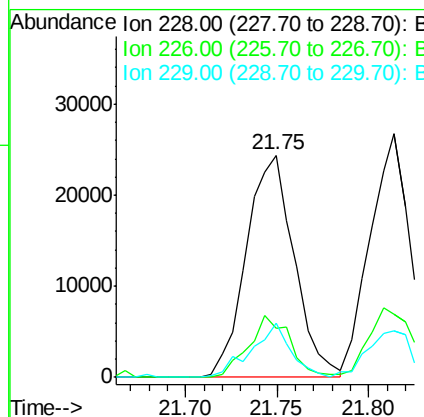
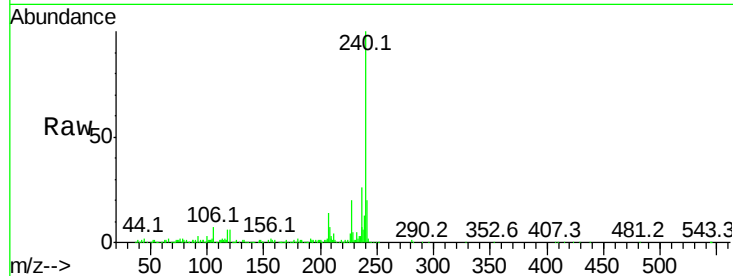
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
228	100		
226	22.3	22.7	34.1#
229	24.5	16.2	24.2#

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#82

Chrysene

Concen: 1.035 ng

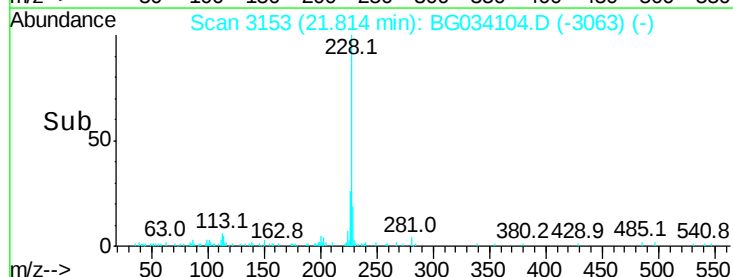
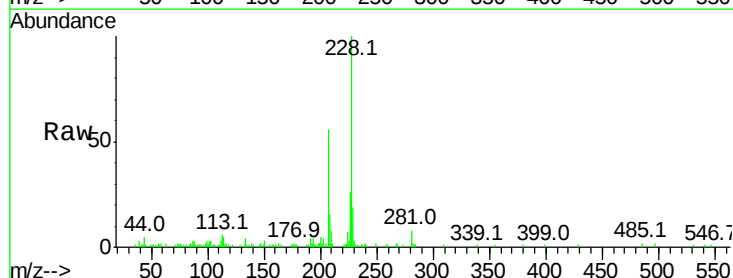
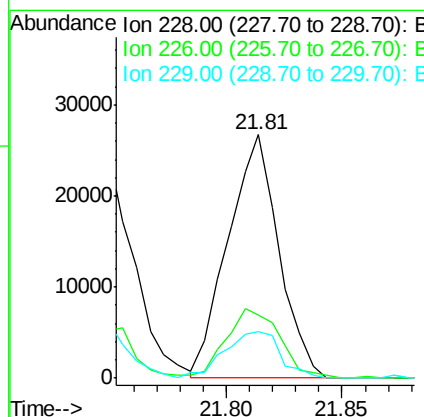
RT: 21.81 min Scan# 3153

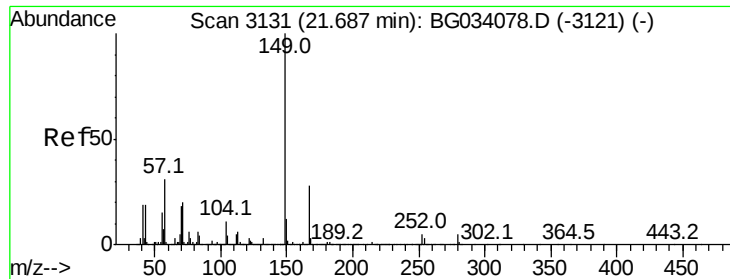
Delta R.T. -0.00 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	24.9	37.3
229	19.2	15.0	22.4





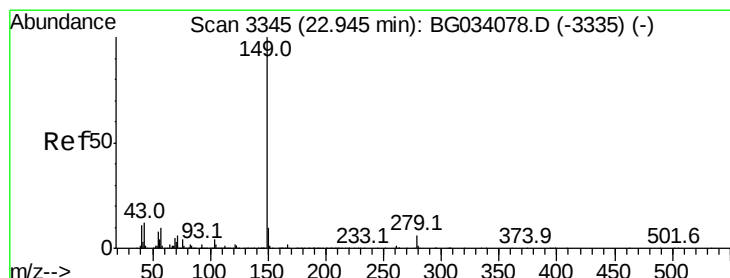
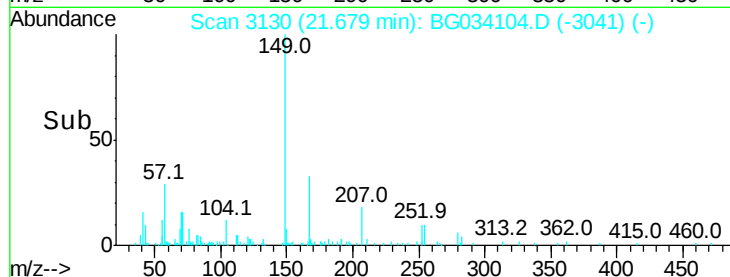
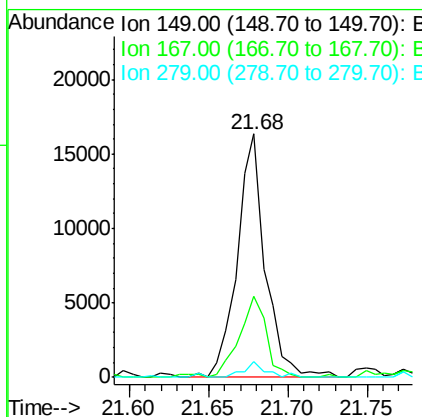
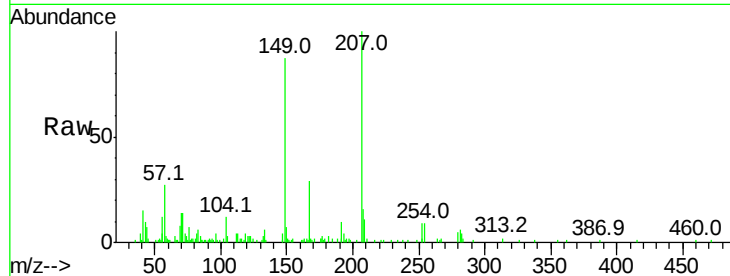
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.924 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG034104.D
 Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	33.4	24.3	36.5	
279	6.3	4.0	6.0	

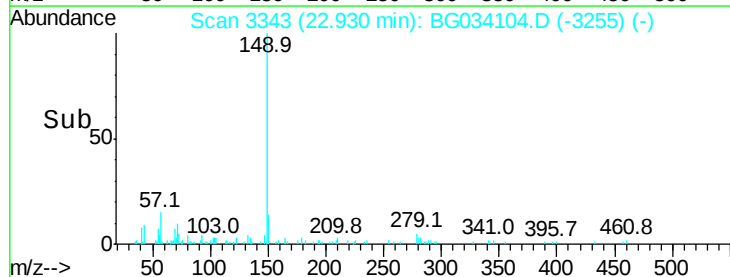
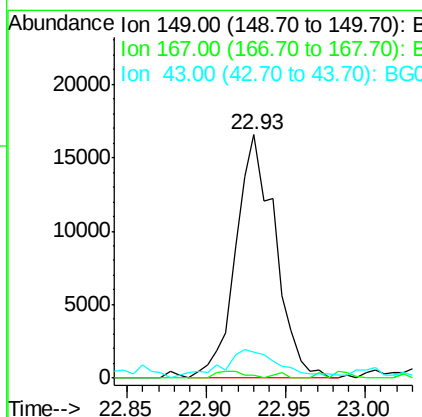
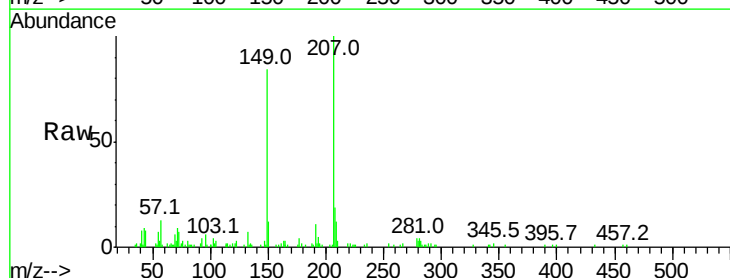
Manual Integrations
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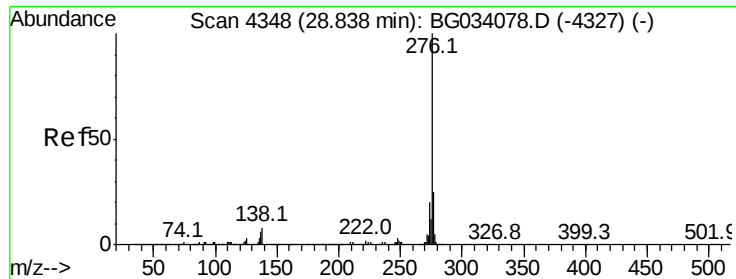
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#84
 Di-n-octyl phthalate
 Concen: 0.824 ng
 RT: 22.93 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BG034104.D
 Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	2.1	1.4	2.0	
43	17.2	8.9	13.3	





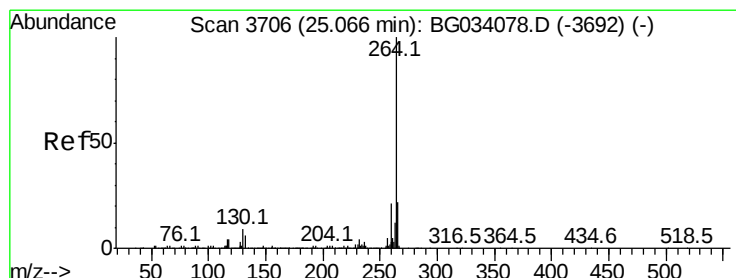
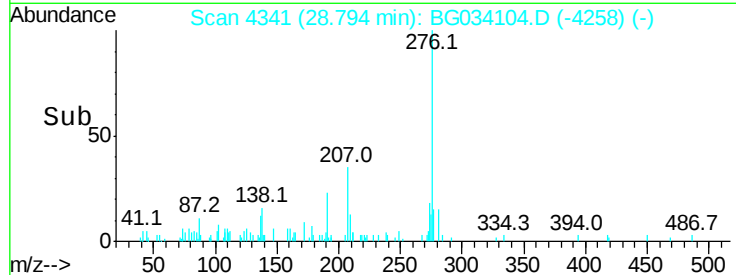
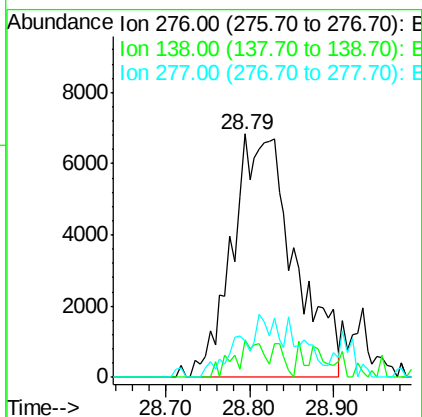
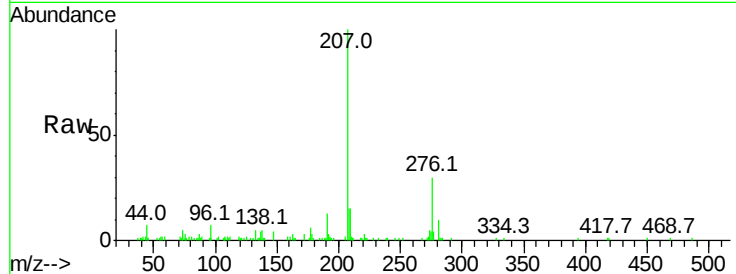
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.807 ng/ml
RT: 28.79 min Scan# 4341
Delta R.T. -0.04 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.1	16.0	24.0#
277	4.0	20.0	30.0#

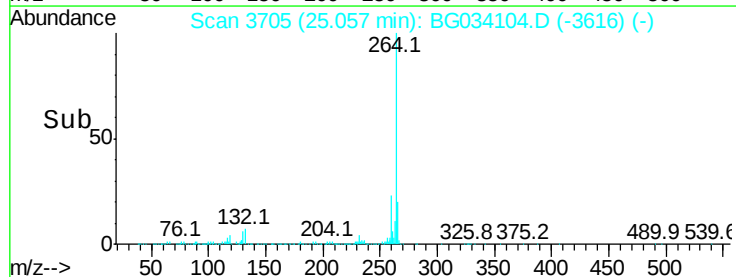
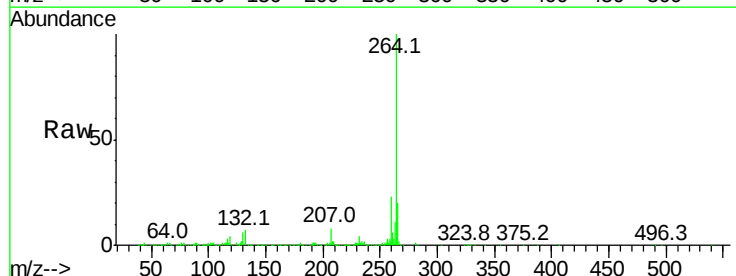
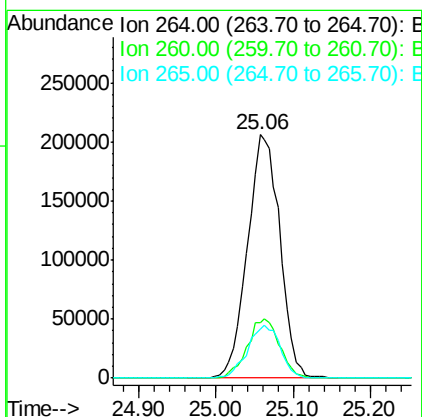
Manual Integrations
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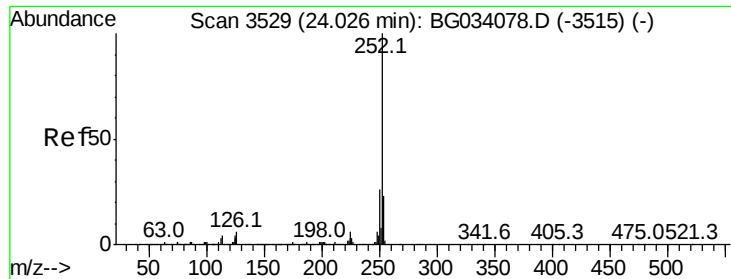
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG034104.D
Acq: 2 May 2018 7:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.4	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 1.027 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

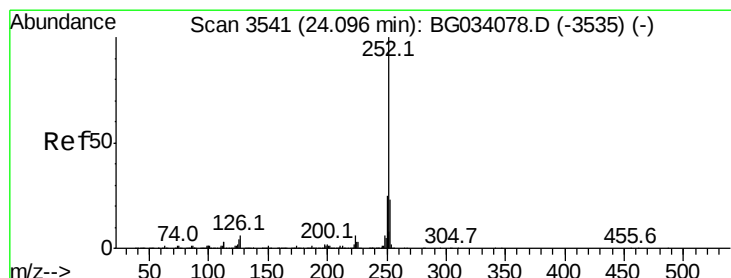
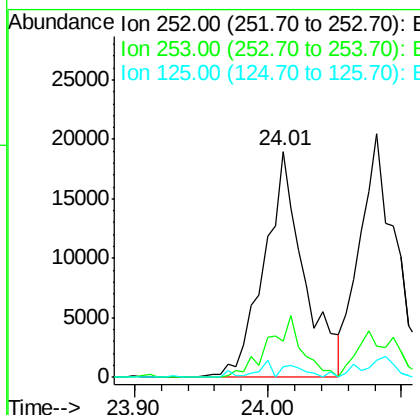
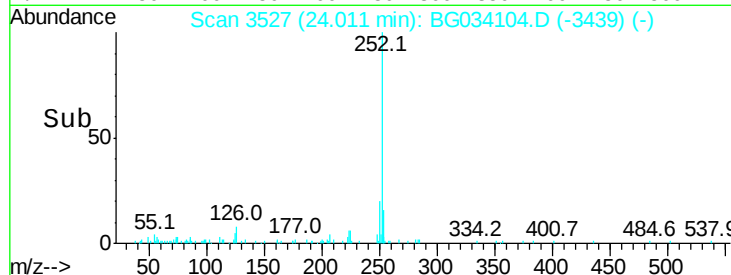
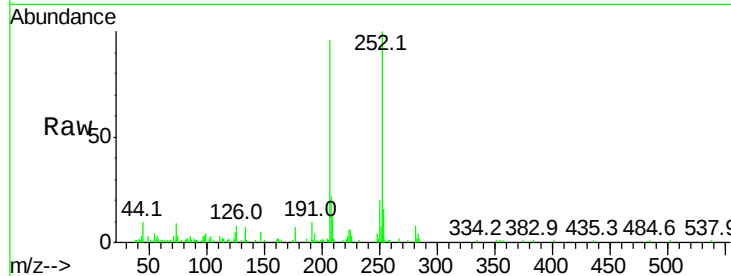
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	252	Resp:	39338
Ion Ratio	Lower	Upper	
252	100		
253	16.0	18.2	27.4#
125	4.8	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 1.053 ng

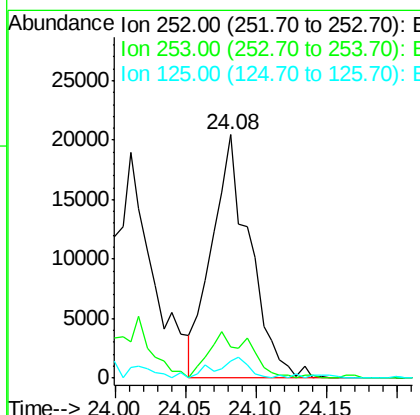
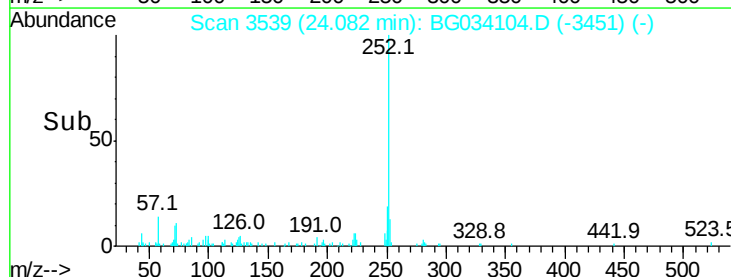
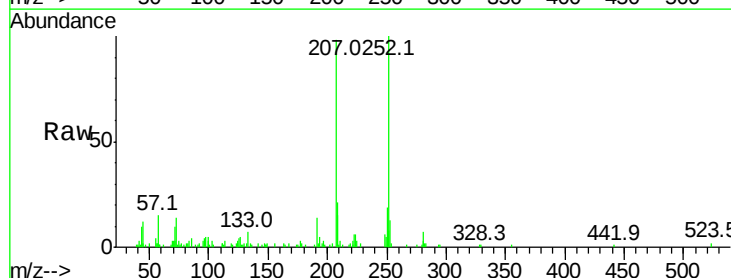
RT: 24.08 min Scan# 3539

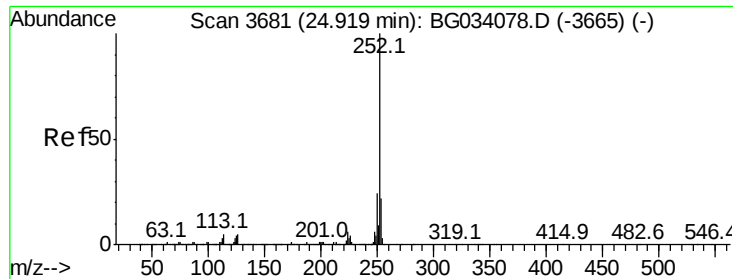
Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	252	Resp:	38523
Ion Ratio	Lower	Upper	
252	100		
253	12.8	17.4	26.2#
125	6.9	6.6	9.8





#89

Benzo(a)pyrene

Concen: 0.978 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

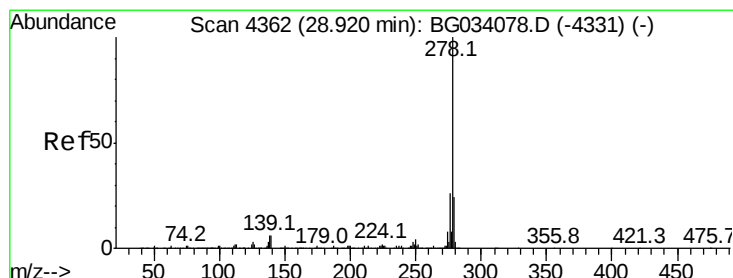
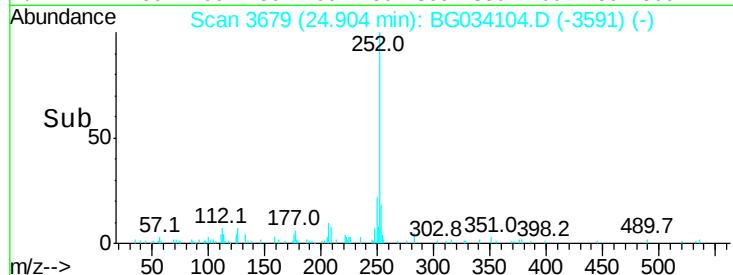
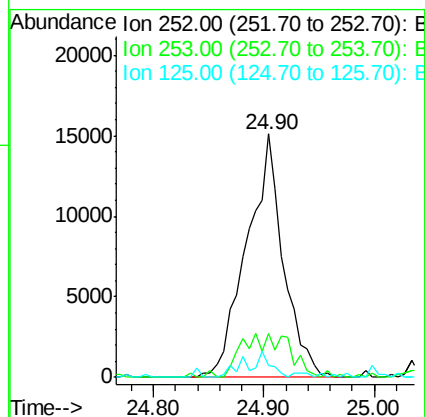
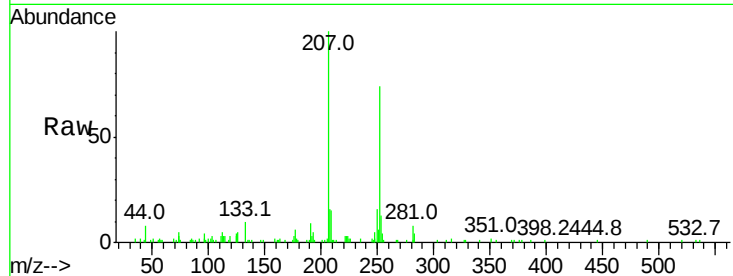
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	252	Resp:	35030
Ion Ratio	Lower	Upper	
252	100		
253	18.2	18.3	27.5#
125	4.8	7.3	10.9#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 0.915 ng m

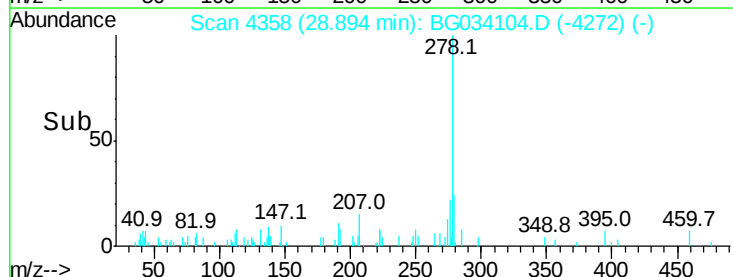
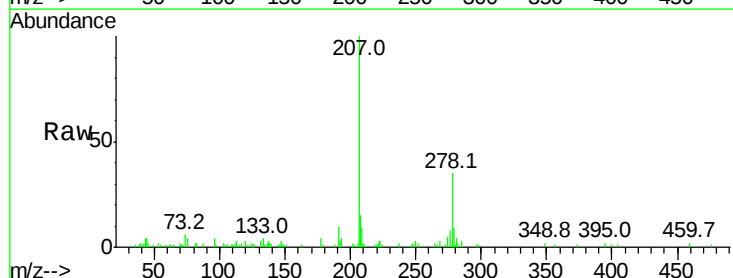
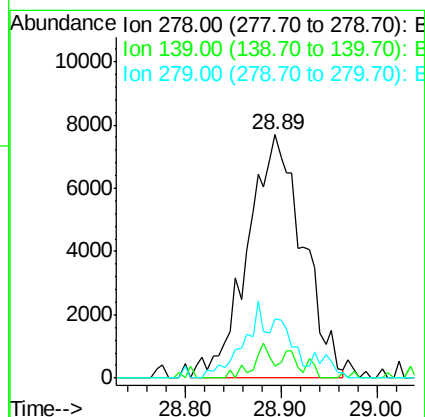
RT: 28.89 min Scan# 4358

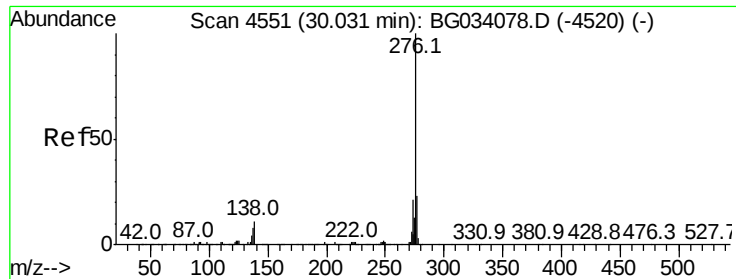
Delta R.T. -0.03 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Tgt Ion:	278	Resp:	30908
Ion Ratio	Lower	Upper	
278	100		
139	5.1	9.8	14.6#
279	24.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 0.897 ng/mL

RT: 29.99 min Scan# 4544

Delta R.T. -0.04 min

Lab File: BG034104.D

Acq: 2 May 2018 7:23

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	276	Resp:	29847
Ion Ratio	Lower	Upper	
276	100		
277	34.6	18.3	27.5#
138	12.3	13.9	20.9#

Manual Integrations
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