

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035871.D
 Acq On : 25 Jul 2018 13:15
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
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 7/26/2018 4:59:27 PM

Quant Time: Jul 25 15:17:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35229	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	126167	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	91293	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	280909	20.00	ng	0.00
75) Chrysene-d12	21.66	240	308761	20.00	ng	0.00
86) Perylene-d12	24.86	264	286661	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	250394	118.00	ng	0.00
7) Phenol-d6	7.19	99	354280	111.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	242680	80.35	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	182184	151.40	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	603393	88.55	ng	0.00
78) Terphenyl-d14	20.00	244	1438911	102.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	4802	4.446	ng	# 71
3) Pyridine	3.94	79	10365	3.676	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	4685	3.870	ng	# 90
6) Aniline	7.35	93	13621	3.319	ng	# 94
8) 2-Chlorophenol	7.59	128	9596	4.446	ng	# 88
9) Benzaldehyde	7.17	77	10294	5.299	ng	# 97
10) Phenol	7.22	94	13955	4.363	ng	# 89
11) bis(2-Chloroethyl)ether	7.45	93	10802	4.312	ng	# 83
12) 1,3-Dichlorobenzene	7.92	146	11973	4.594	ng	# 89
13) 1,4-Dichlorobenzene	8.06	146	12042	4.548	ng	# 99
14) 1,2-Dichlorobenzene	8.38	146	12096	4.755	ng	# 92
15) Benzyl Alcohol	8.27	79	9538	3.318	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	12189	5.804	ng	# 79
17) 2-Methylphenol	8.47	107	9208	4.234	ng	# 82
18) Hexachloroethane	9.11	117	4764	4.705	ng	# 90
19) n-Nitroso-di-n-propylamine	8.82	70	9374	3.516	ng	# 74
20) 3+4-Methylphenols	8.81	107	10633	3.525	ng	# 85
22) Acetophenone	8.85	105	17329	4.417	ng	# 93
24) Nitrobenzene	9.23	77	14860	4.892	ng	# 95
25) Isophorone	9.75	82	26731	4.768	ng	# 99
26) 2-Nitrophenol	9.95	139	4982	4.618	ng	# 85
27) 2,4-Dimethylphenol	10.01	122	9221	5.050	ng	# 89
28) bis(2-Chloroethoxy)methane	10.24	93	14023	4.539	ng	# 97
29) 2,4-Dichlorophenol	10.52	162	9752	4.679	ng	# 67
30) 1,2,4-Trichlorobenzene	10.69	180	12829	5.019	ng	# 90
31) Naphthalene	10.88	128	31255	4.756	ng	# 93
32) Benzoic acid	10.22	122	392	0.319	ng	# 22
33) 4-Chloroaniline	11.01	127	7483	2.612	ng	# 87
34) Hexachlorobutadiene	11.16	225	10343	5.190	ng	# 95
35) Caprolactam	11.76	113	3481m	3.892	ng	# 91
36) 4-Chloro-3-methylphenol	12.12	107	12379	4.431	ng	# 92
37) 2-Methylnaphthalene	12.48	142	24433	4.990	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	17131	4.972	ng	# 83
40) Hexachlorocyclopentadiene	12.83	237	5223	2.890	ng	# 83

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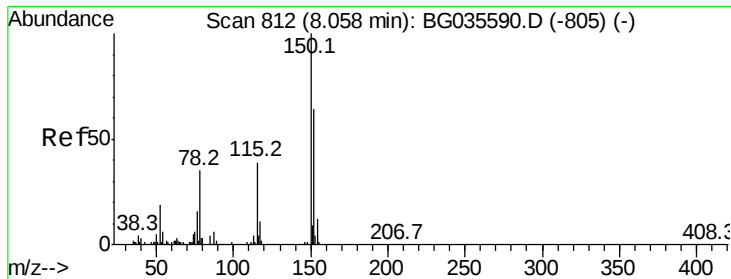
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Quant Time: Jul 25 15:17:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	9635	4.781	nq	89
43) 2,4,5-Trichlorophenol	13.19	196	10174	4.513	nq #	79
45) 1,1'-Biphenyl	13.48	154	35393	5.001	nq	93
46) 2-Chloronaphthalene	13.53	162	26982	4.901	nq	98
47) 2-Nitroaniline	13.74	65	7552	3.880	nq	91
48) Acenaphthylene	14.37	152	46513	5.044	nq	95
49) Dimethylphthalate	14.10	163	39580	4.948	nq #	97
50) 2,6-Dinitrotoluene	14.22	165	8602	5.281	nq #	88
51) Acenaphthene	14.71	154	28497	4.960	nq	98
52) 3-Nitroaniline	14.57	138	5915	3.553	nq #	81
54) Dibenzofuran	15.05	168	48281	5.284	nq	97
55) 4-Nitrophenol	14.95	139	1853m	1.563	nq	
56) 2,4-Dinitrotoluene	15.01	165	11884	5.086	nq #	83
57) Fluorene	15.70	166	40281	5.260	nq	86
58) 2,3,4,6-Tetrachlorophenol	15.28	232	11282	5.220	nq #	94
59) Diethylphthalate	15.46	149	41829	5.086	nq	97
60) 4-Chlorophenyl-phenylether	15.69	204	21937	4.874	nq #	92
61) 4-Nitroaniline	15.73	138	5235	3.006	nq #	67
62) Azobenzene	15.98	77	42553	5.245	nq	90
64) 4,6-Dinitro-2-methylphenol	15.79	198	3351	2.143	nq	90
65) n-Nitrosodiphenylamine	15.90	169	36845	4.608	nq	99
66) 4-Bromophenyl-phenylether	16.59	248	14933	4.582	nq	98
67) Hexachlorobenzene	16.70	284	16165	4.816	nq	92
68) Atrazine	16.85	200	16230	4.930	nq	93
69) Pentachlorophenol	17.07	266	1774	0.868	nq #	63
70) Phenanthrene	17.44	178	71657	5.112	nq	99
71) Anthracene	17.53	178	70121	5.024	nq	98
72) Carbazole	17.81	167	59722	4.506	nq #	92
73) Di-n-butylphthalate	18.35	149	72531	4.631	nq	98
74) Fluoranthene	19.44	202	94761	5.019	nq	97
76) Benzidine	19.64	184	13501	1.663	nq #	90
77) Pyrene	19.81	202	96733	4.955	nq	99
79) Butylbenzylphthalate	20.69	149	31474	4.508	nq	96
80) Benzo(a)anthracene	21.64	228	97121	5.048	nq	98
81) 3,3'-Dichlorobenzidine	21.56	252	25295	3.770	nq	93
82) Chrysene	21.70	228	90235	5.061	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	45431	4.786	nq	97
84) Di-n-octyl phthalate	22.74	149	76250	4.798	nq #	98
85) Indeno(1,2,3-cd)pyrene	28.49	276	88918	4.504	nq #	80
87) Benzo(b)fluoranthene	23.84	252	86465	4.963	nq #	94
88) Benzo(k)fluoranthene	23.91	252	88024	5.168	nq #	94
89) Benzo(a)pyrene	24.70	252	84320	5.202	nq #	96
90) Dibenzo(a,h)anthracene	28.55	278	74450	4.678	nq #	95
91) Benzo(g,h,i)perylene	29.62	276	78843	5.063	nq #	94

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



#1

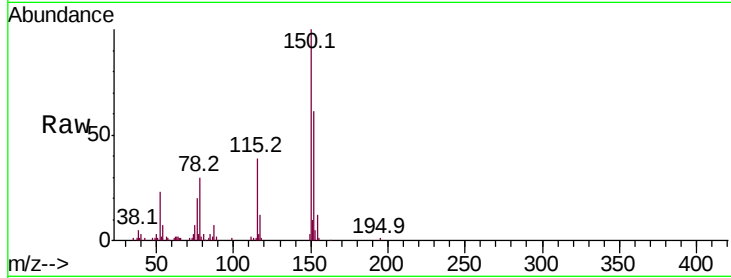
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

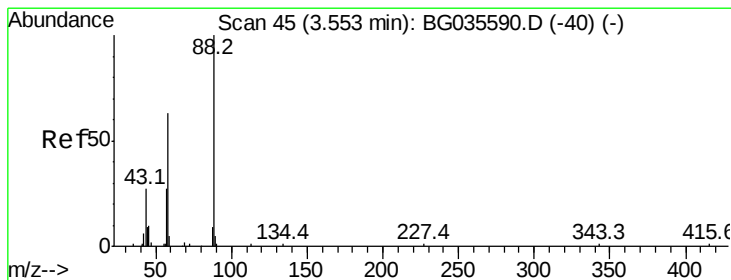
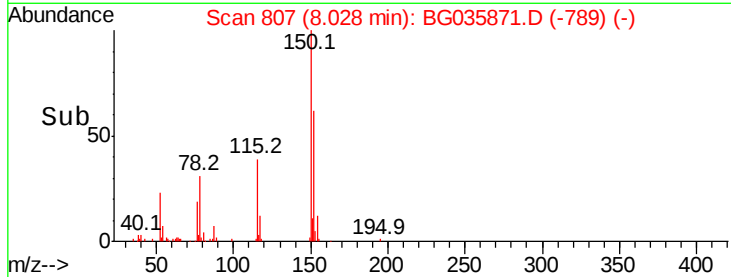
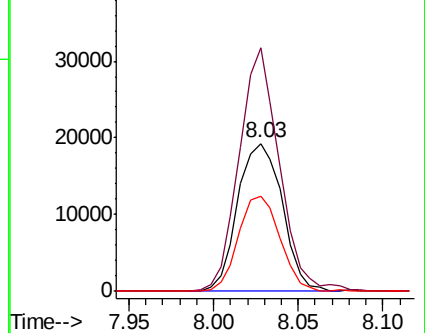
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.6	189.8
115	64.0	53.0	79.4

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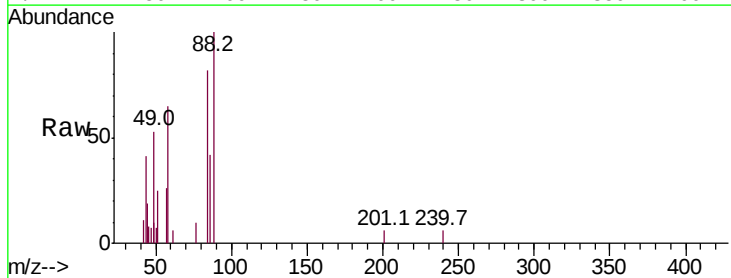
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



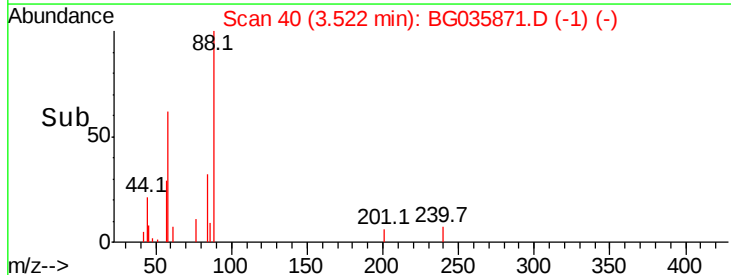
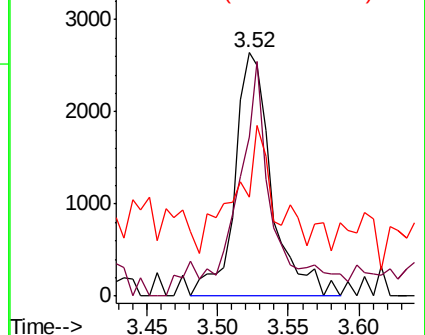
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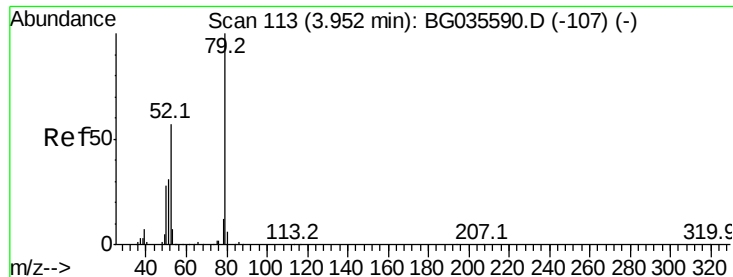
1,4-Dioxane
Concen: 4.446 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	79.6	119.4#
43	46.6	27.4	41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 3.676 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.02 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

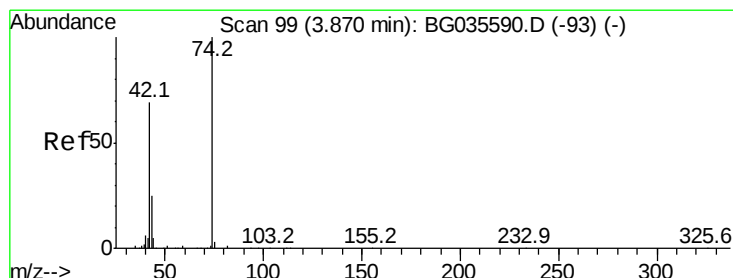
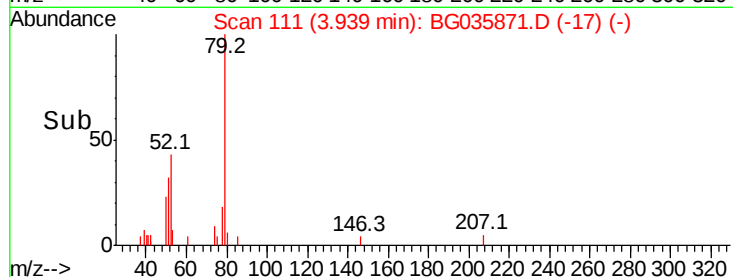
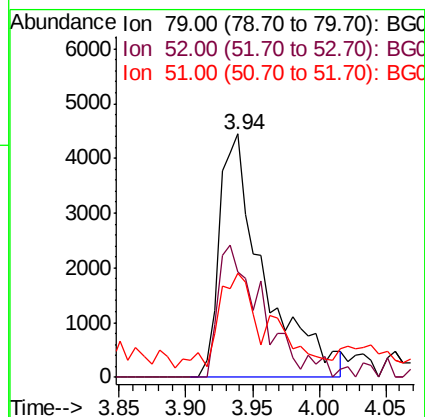
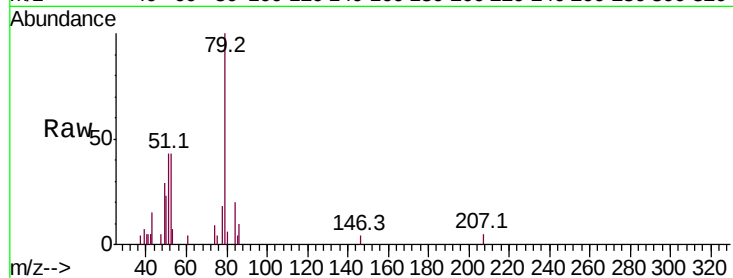
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
79	100		
52	43.2	69.9	104.9#
51	42.5	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 3.870 ng

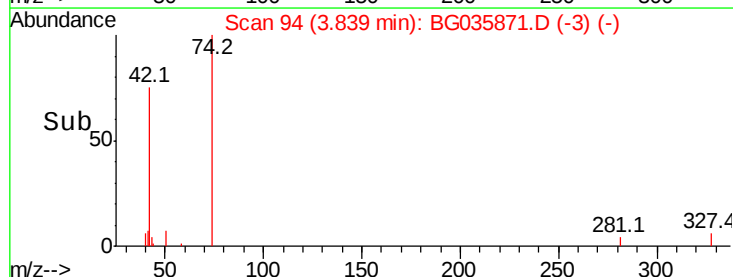
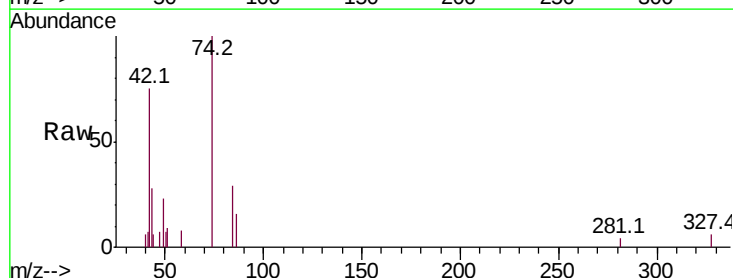
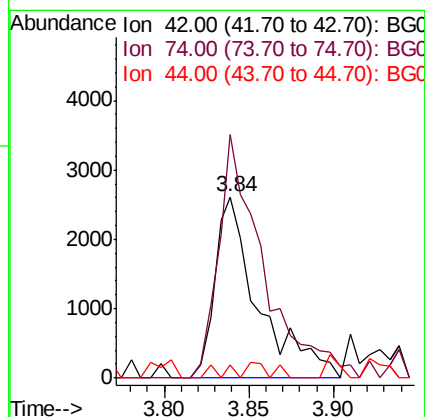
RT: 3.84 min Scan# 94

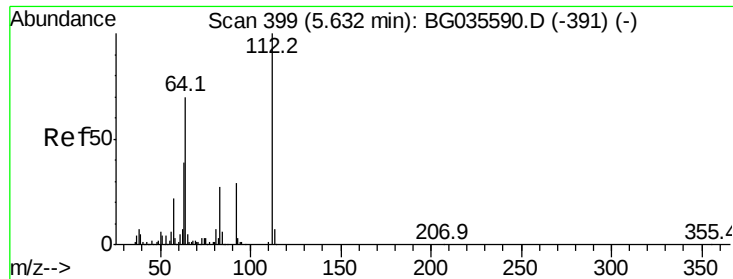
Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.1	102.5	153.7
44	7.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 118.003 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

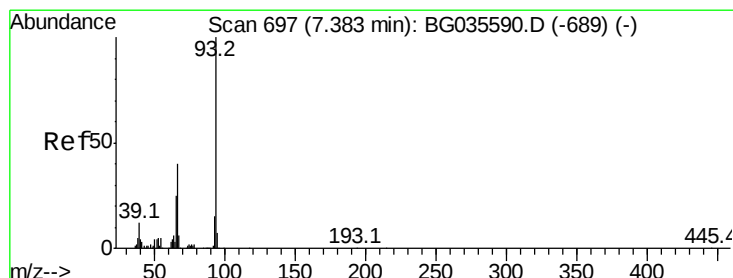
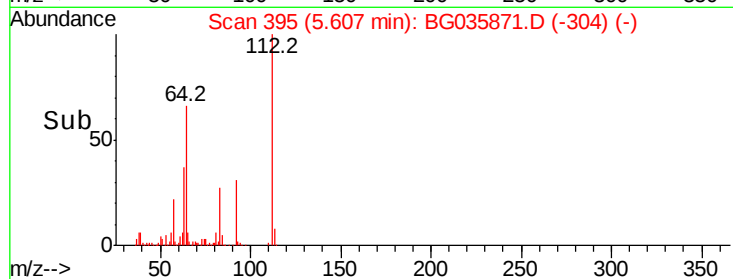
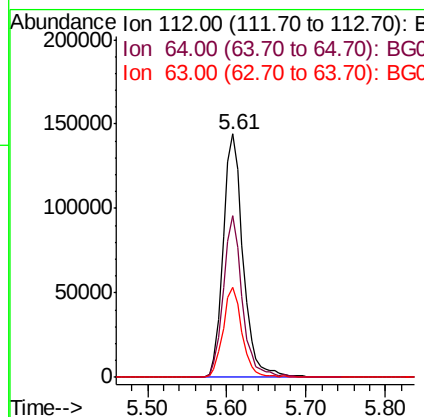
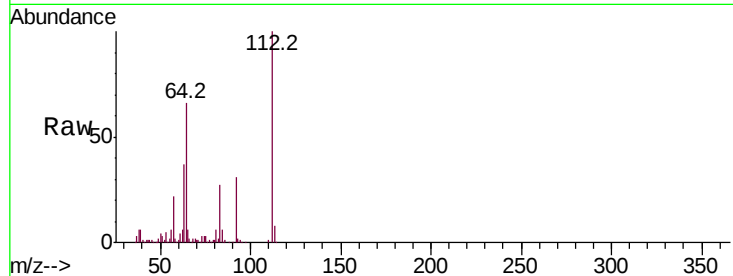
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
112	100	250394		
64	66.5	56.3	84.5	
63	36.8	30.1	45.1	

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#6

Aniline

Concen: 3.319 ng

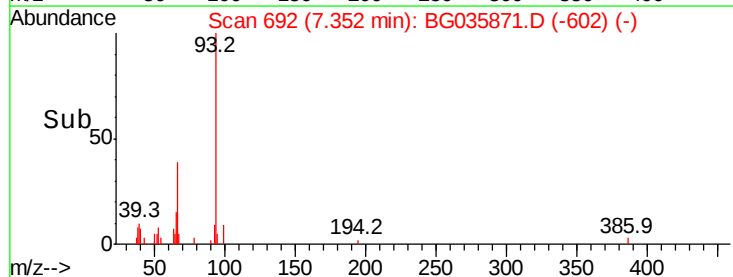
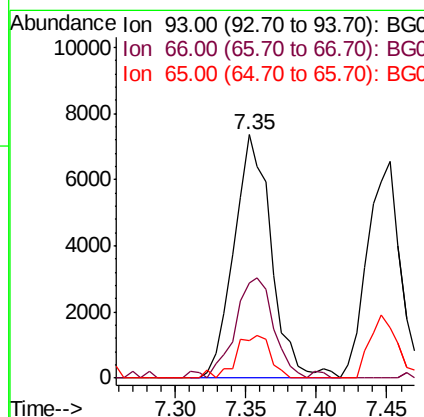
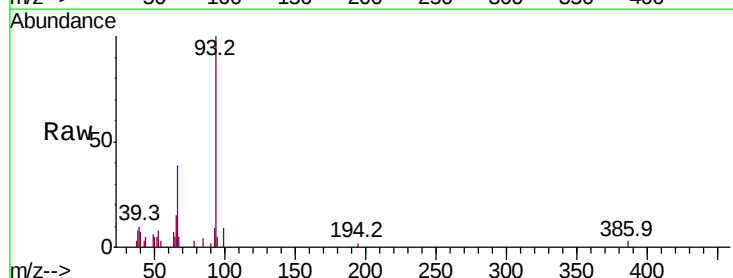
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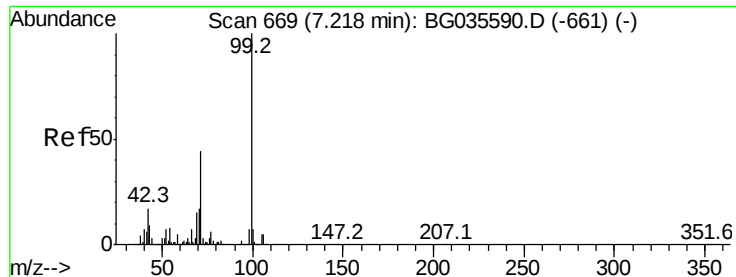
Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	13621		
66	39.3	33.7	50.5	
65	15.2	16.1	24.1#	





#7

Phenol-d6

Concen: 111.905 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

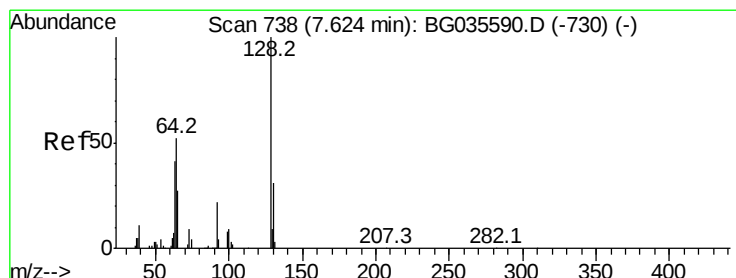
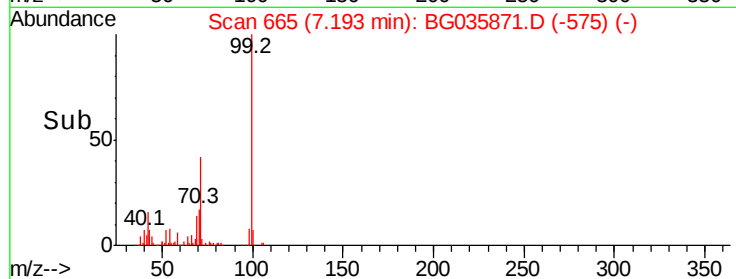
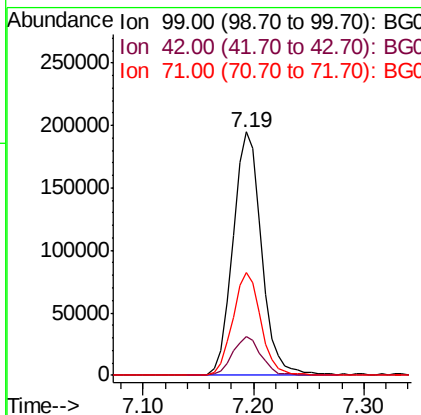
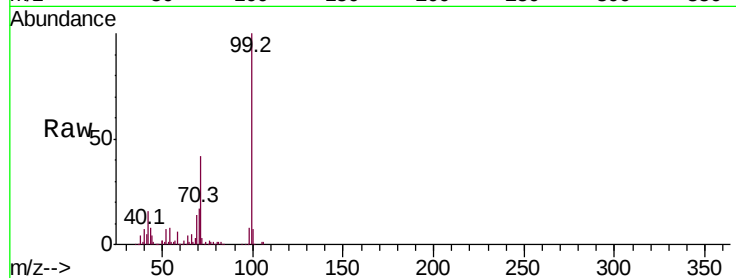
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	15.9	14.1	21.1	
71	42.0	26.1	39.1	

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#8

2-Chlorophenol

Concen: 4.446 ng

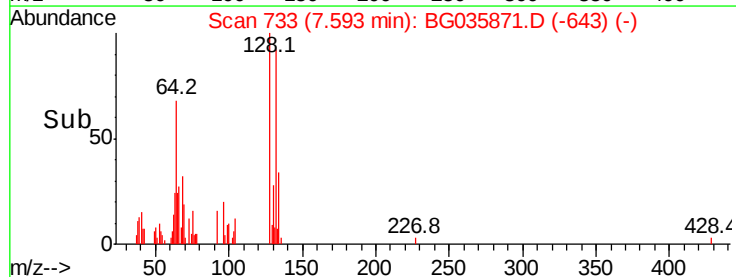
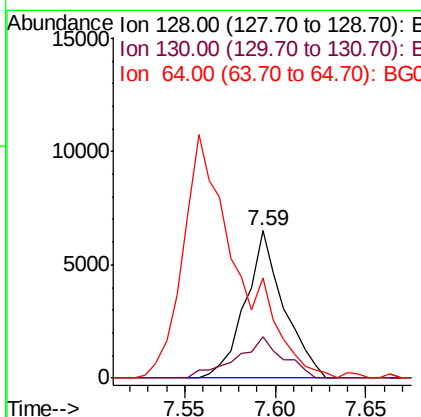
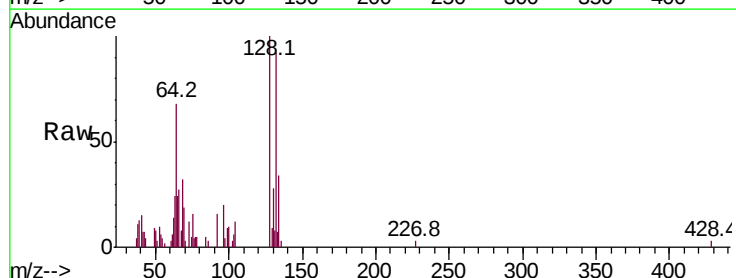
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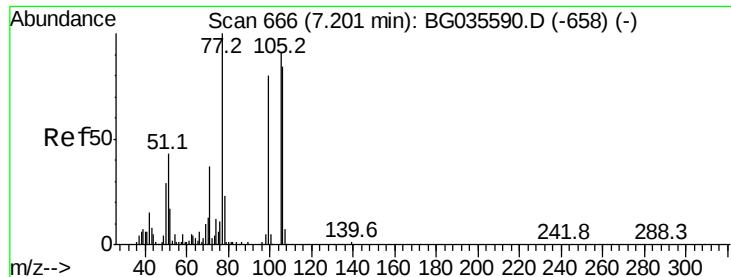
Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	28.3	14.0	54.0	
64	67.7	37.7	77.7	





#9

Benzaldehyde

Concen: 5.299 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

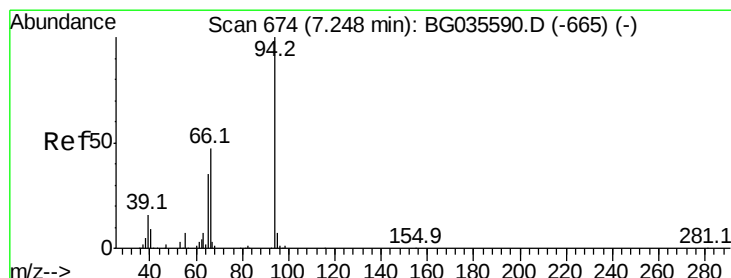
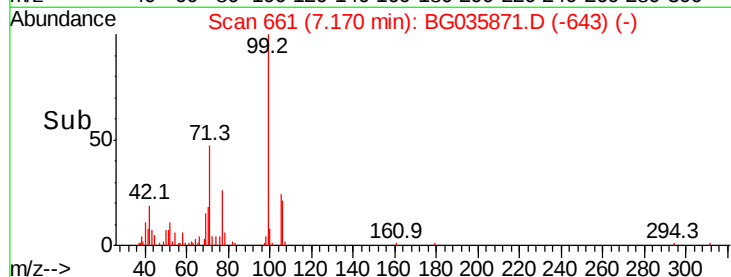
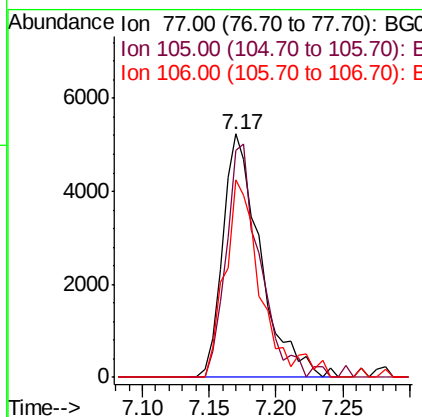
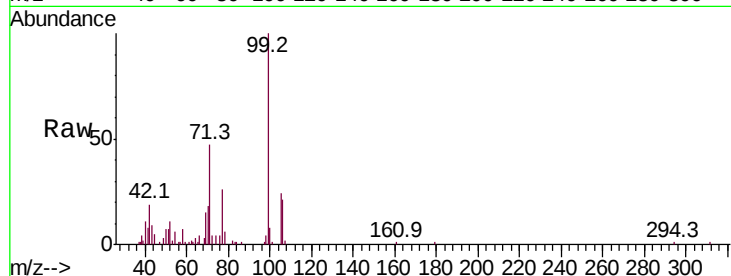
MDL-WATER-03-QT3-2018

Tot Ion:	77	Resp:	10294
Ion	Ratio	Lower	Upper
77	100		
105	93.4	71.3	111.3
106	80.9	64.2	104.2

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#10

Phenol

Concen: 4.363 ng

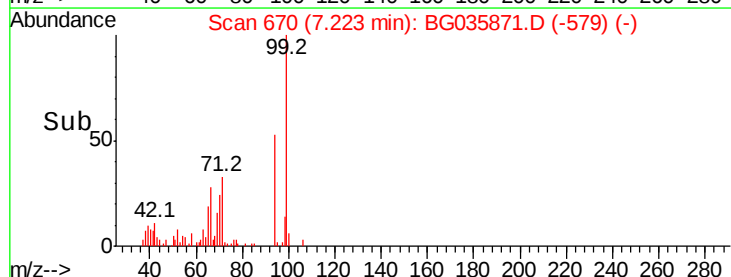
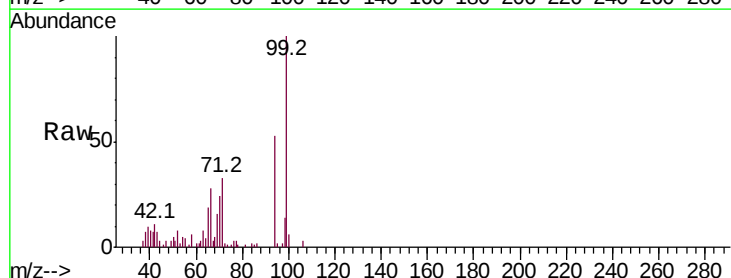
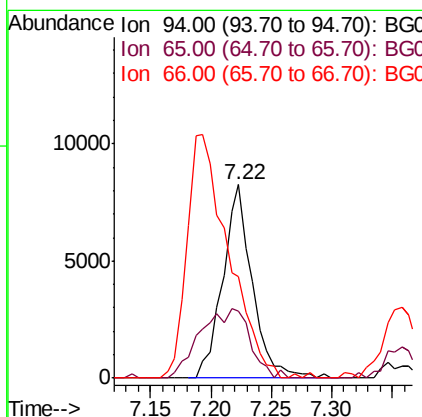
RT: 7.22 min Scan# 670

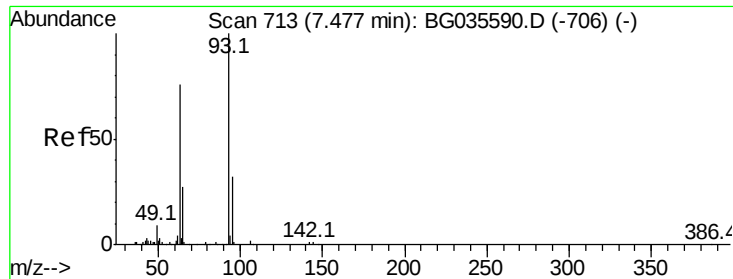
Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	94	Resp:	13955
Ion	Ratio	Lower	Upper
94	100		
65	34.8	11.9	51.9
66	52.4	22.2	62.2





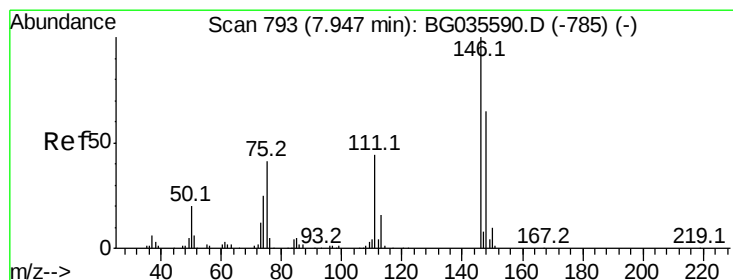
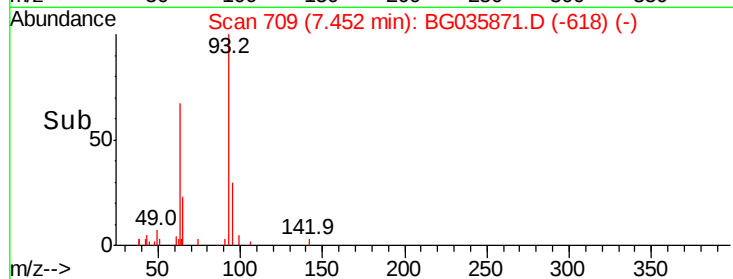
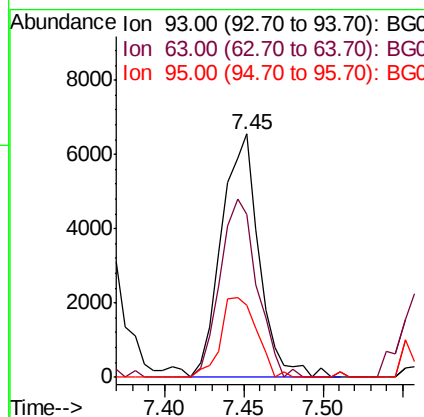
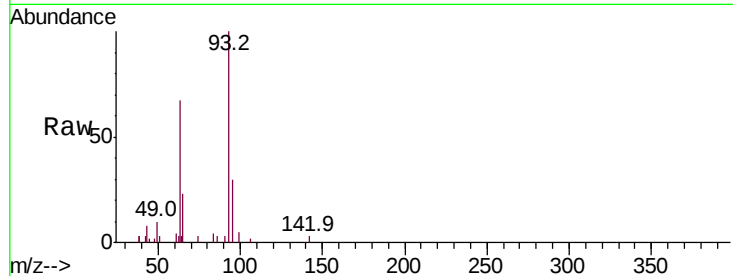
#11
bis(2-Chloroethyl)ether
Concen: 4.312 ng
RT: 7.45 min Scan# 709
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.0	67.1	107.1#
95	29.8	11.5	51.5

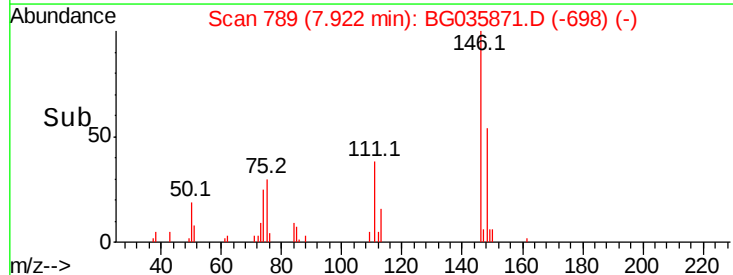
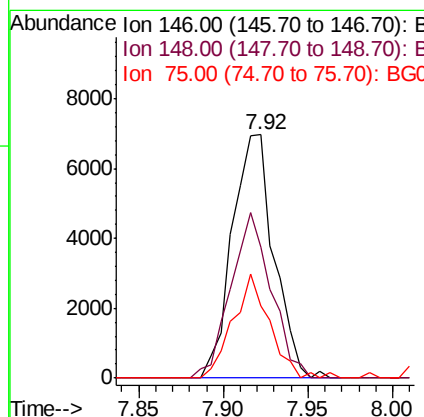
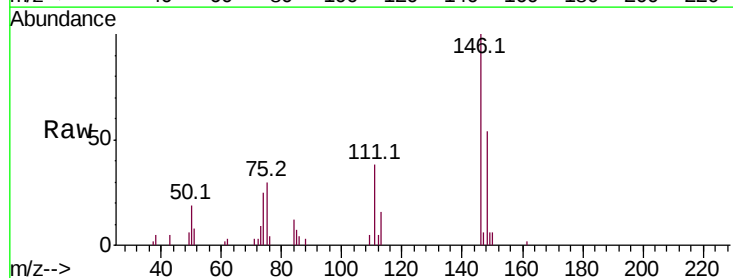
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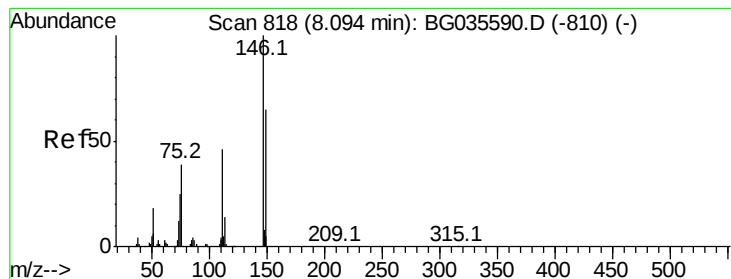
Sohil
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#12
1,3-Dichlorobenzene
Concen: 4.594 ng
RT: 7.92 min Scan# 789
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	53.6	51.4	77.2
75	29.6	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 4.548 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

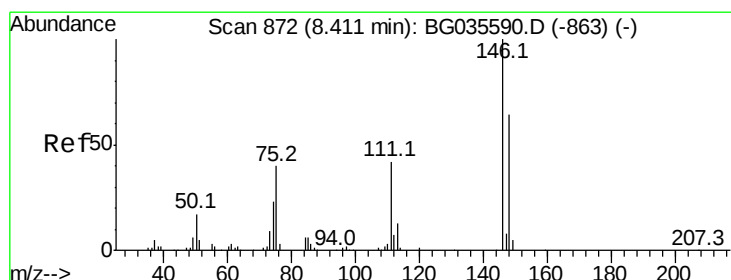
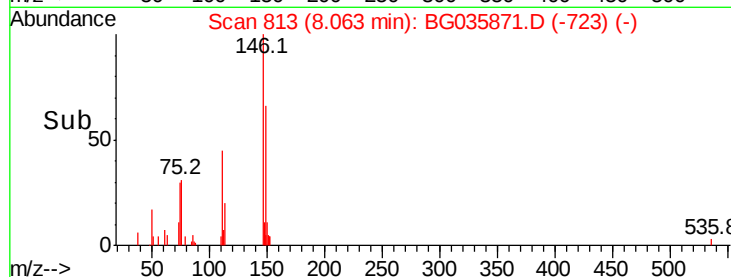
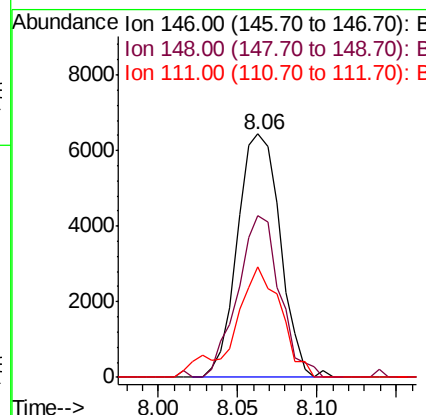
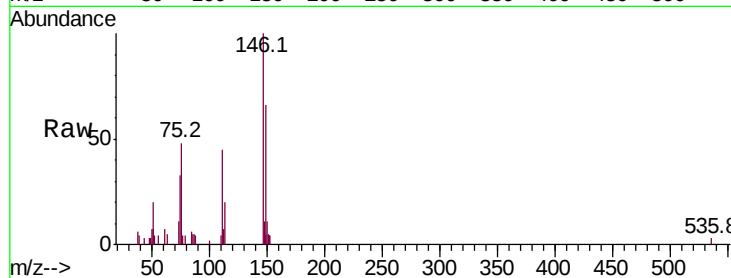
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.7	80.5
111	45.5	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 4.755 ng

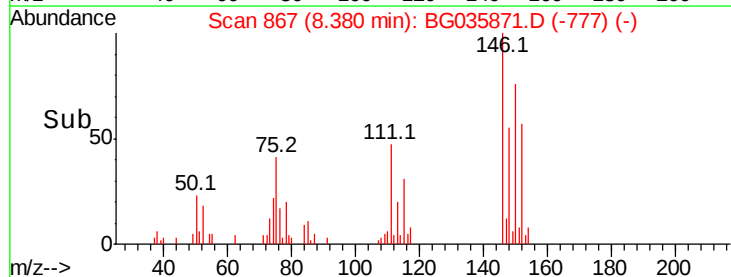
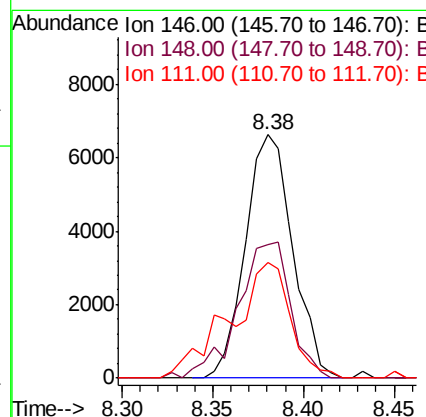
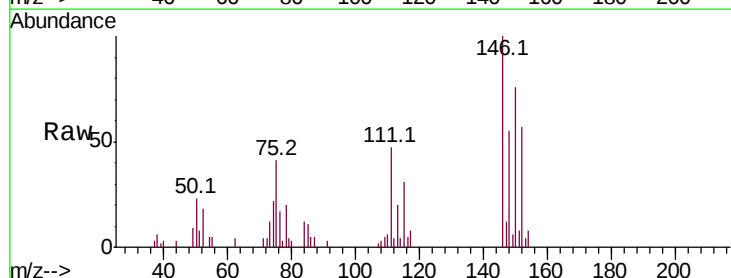
RT: 8.38 min Scan# 867

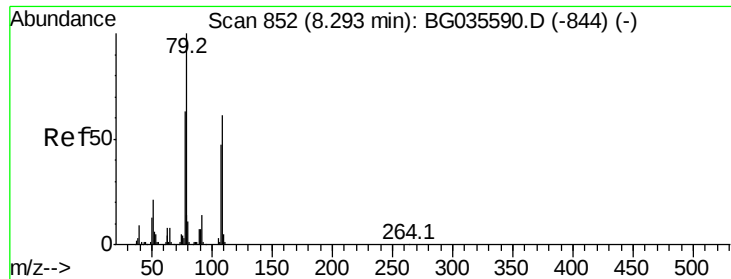
Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	54.9	49.3	73.9
111	47.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 3.318 ng

RT: 8.27 min Scan# 849

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

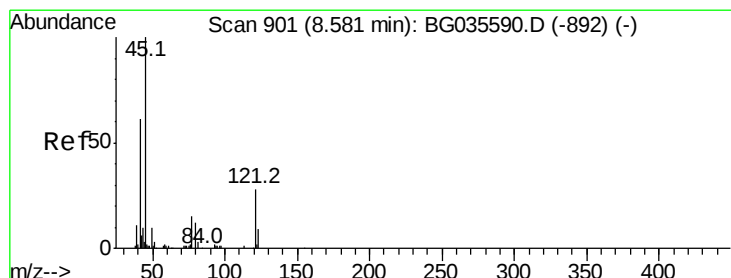
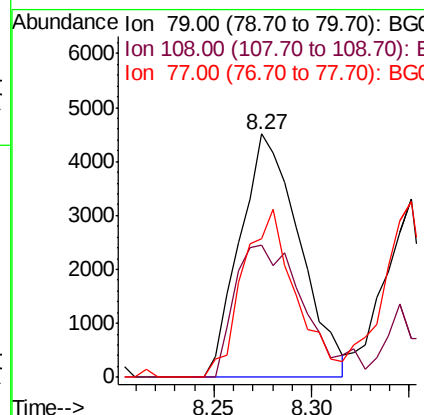
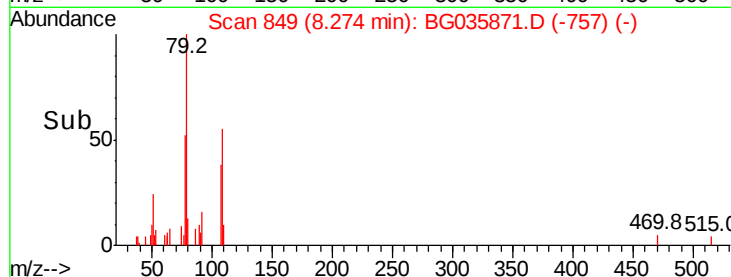
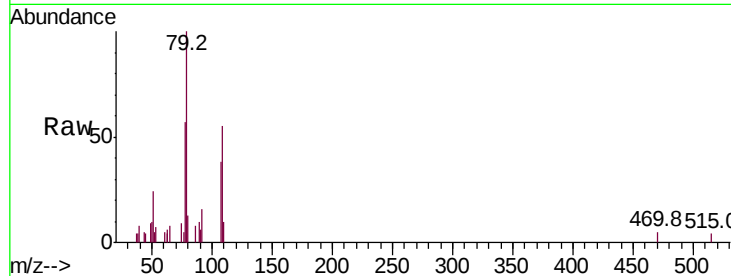
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	54.5	57.2	85.8#
77	57.0	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.804 ng

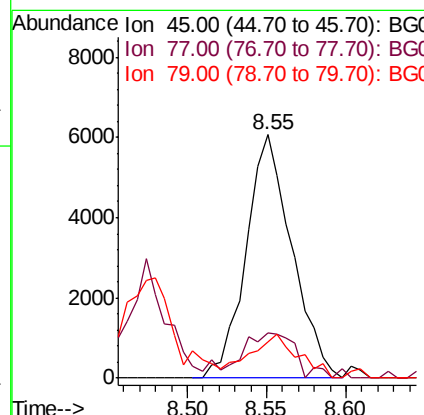
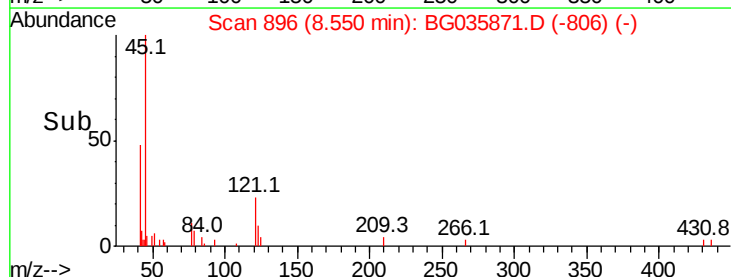
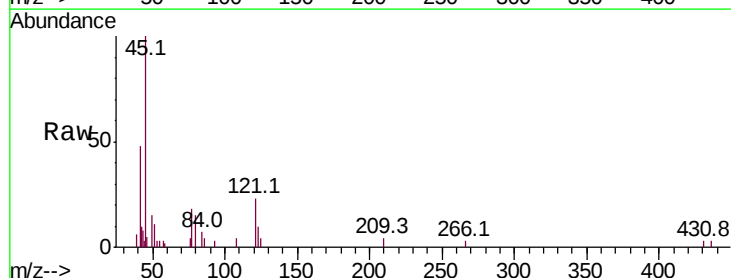
RT: 8.55 min Scan# 896

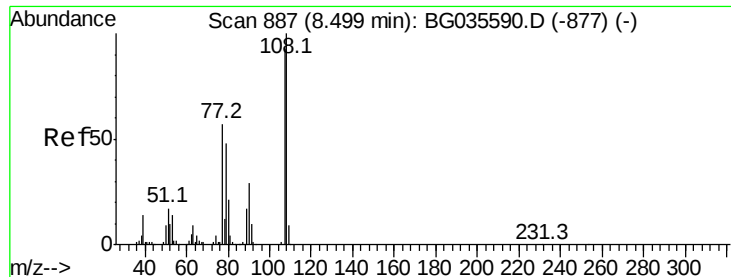
Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	30.2
79	15.0	0.0	27.9





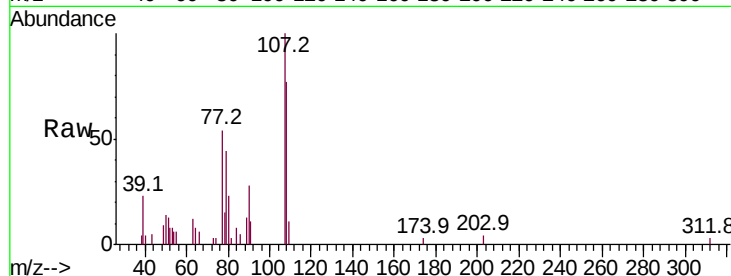
#17
2-Methylphenol
Concen: 4.234 ng
RT: 8.47 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	76.6	83.9	125.9#	
77	54.1	37.2	55.8	
79	44.5	36.2	54.2	

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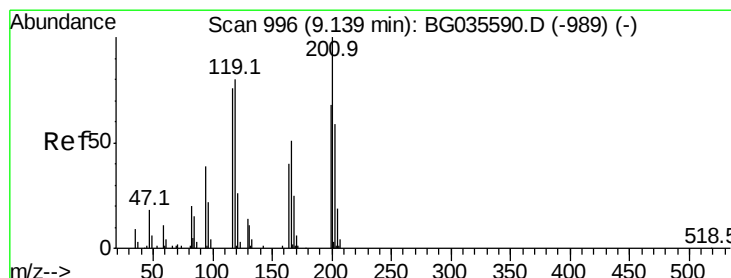
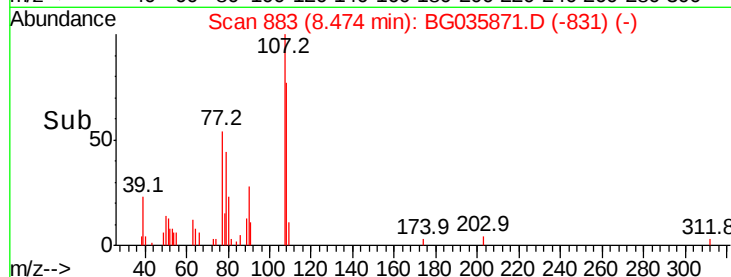
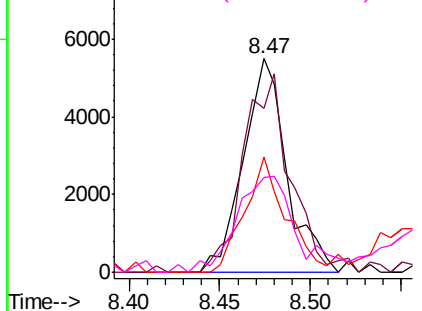
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 4.705 ng
RT: 9.11 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

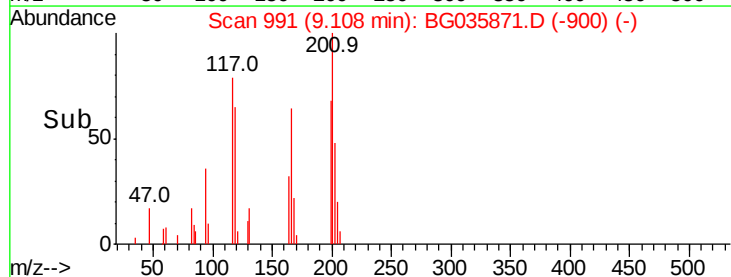
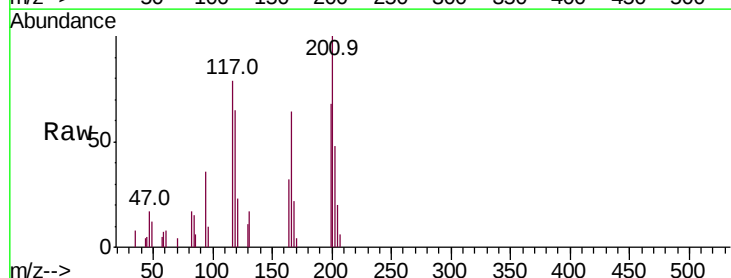
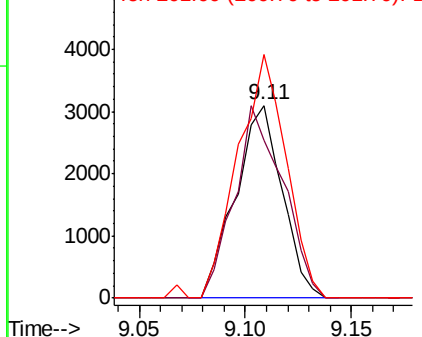
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	82.1	76.7	115.1	
201	126.5	95.7	143.5	

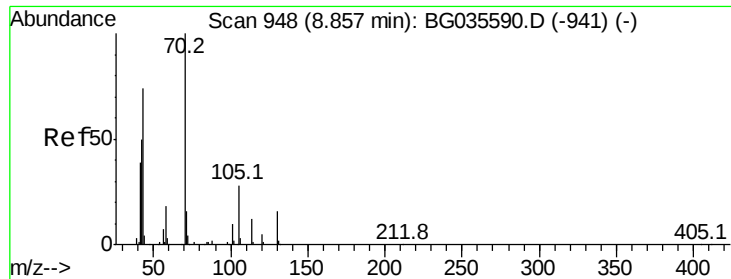
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





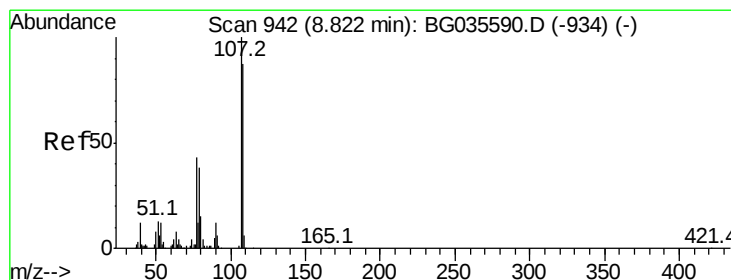
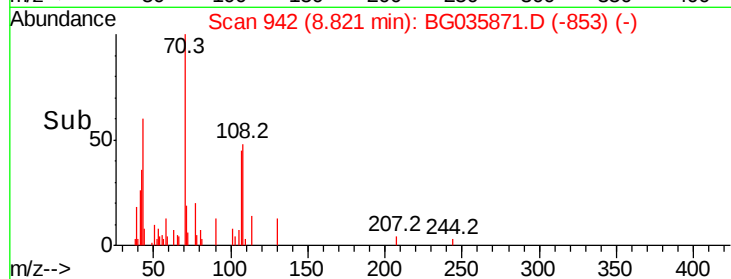
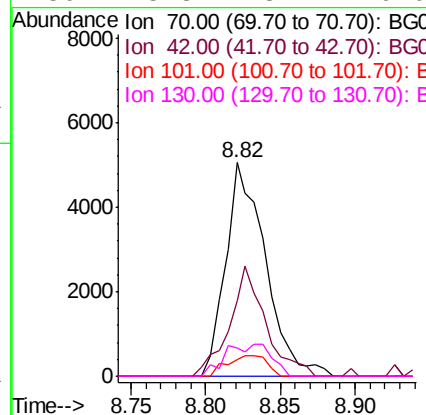
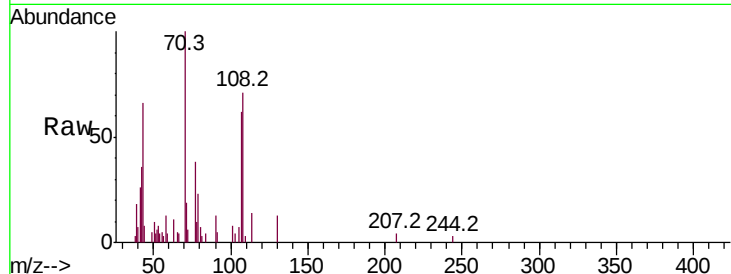
#19
n-Nitroso-di-n-propylamine
Concen: 3.516 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
70	100		
42	35.5	49.1	73.7#
101	7.6	8.5	12.7#
130	13.3	13.4	20.0#

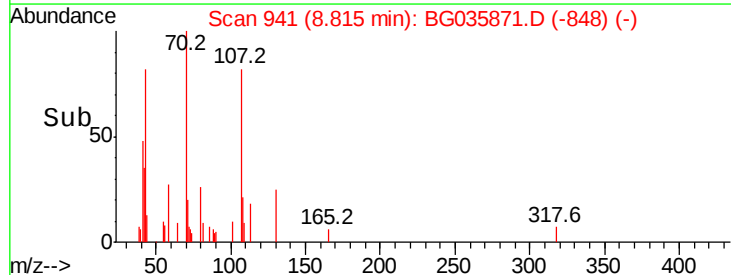
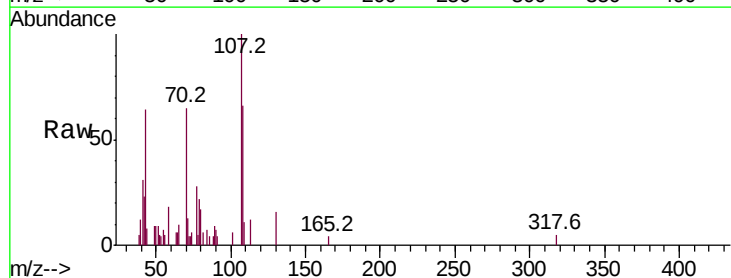
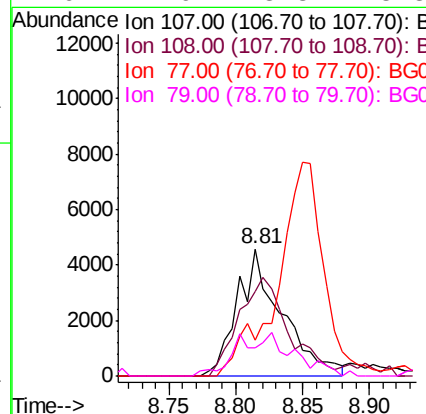
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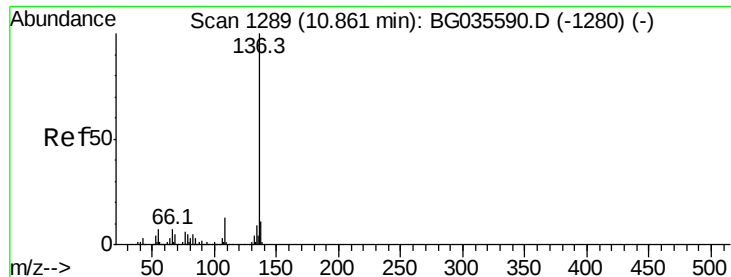
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#20
3+4-Methylphenols
Concen: 3.525 ng
RT: 8.81 min Scan# 941
Delta R.T. 0.02 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	66.3	61.6	101.6
77	28.0	13.9	53.9
79	21.9	8.8	48.8





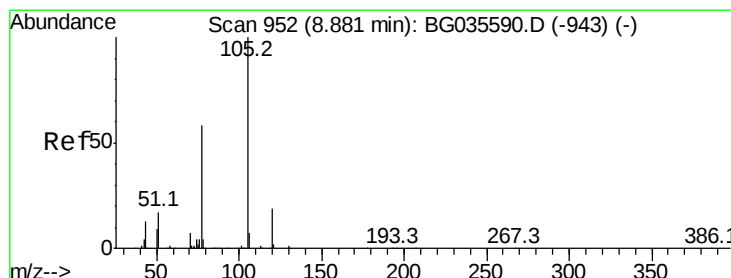
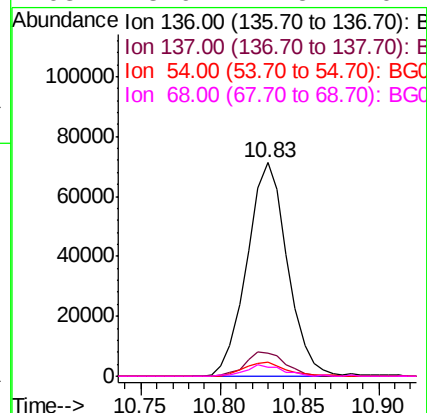
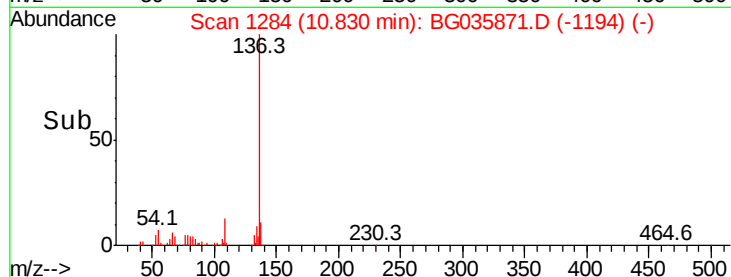
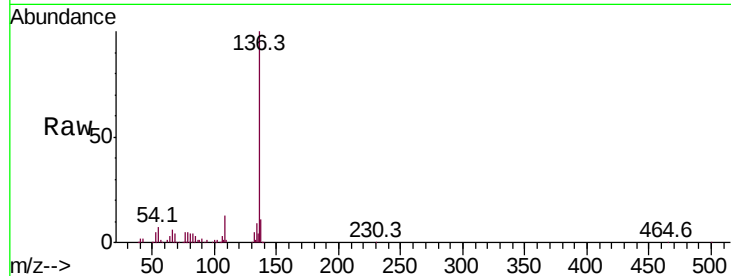
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.2	13.8	
54	6.6	10.3	15.5	
68	3.9	4.5	6.7	

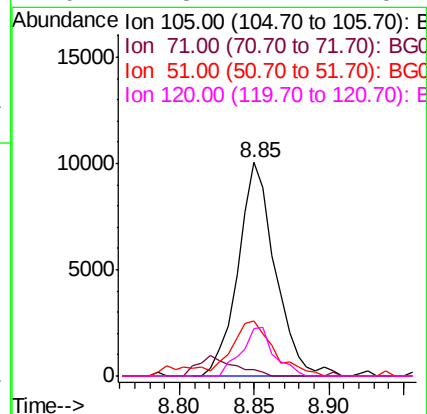
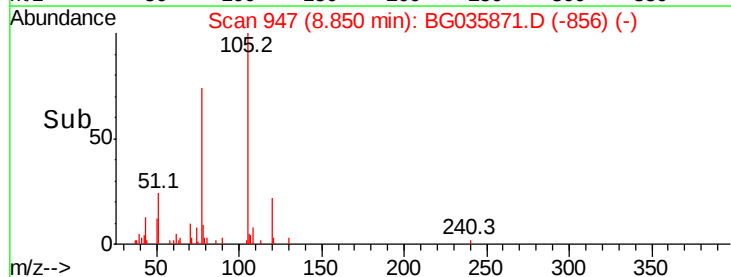
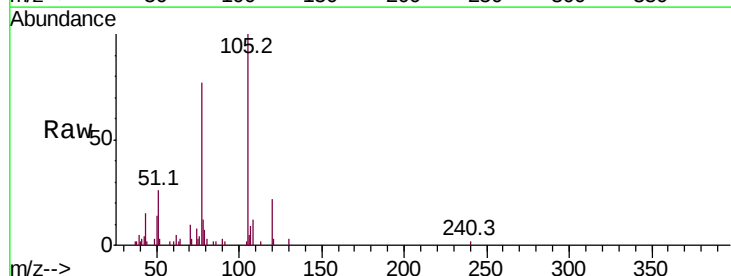
Manual Integrations
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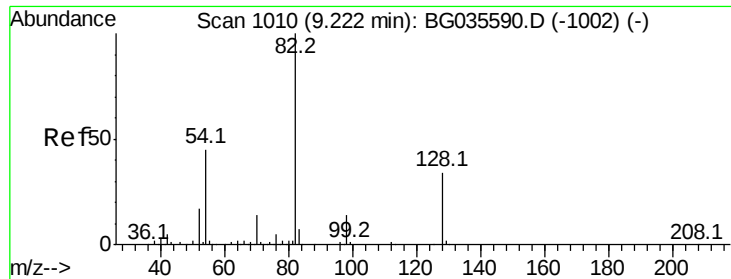
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#22
Acetophenone
Concen: 4.417 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	3.0	4.4	
51	25.6	26.1	39.1	
120	22.3	17.4	26.2	





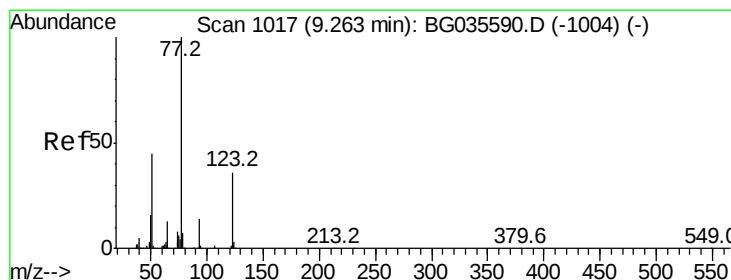
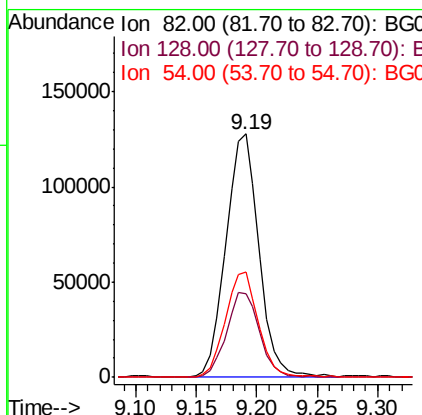
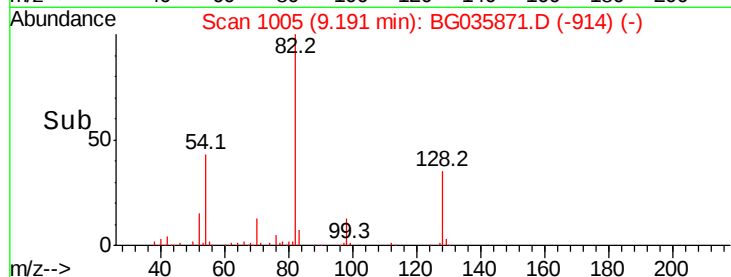
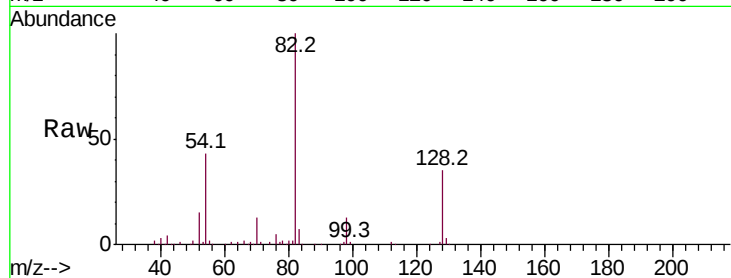
#23
Nitrobenzene-d5
Concen: 80.353 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	43.5	43.1	64.7

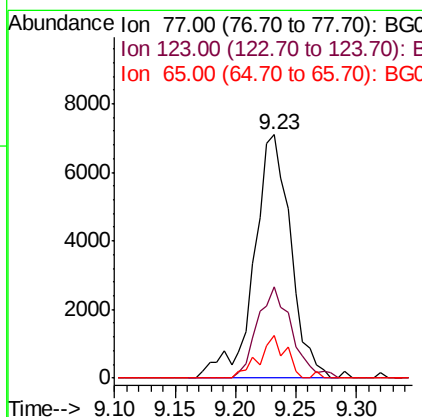
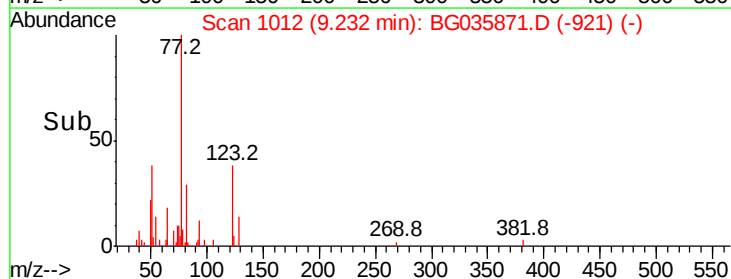
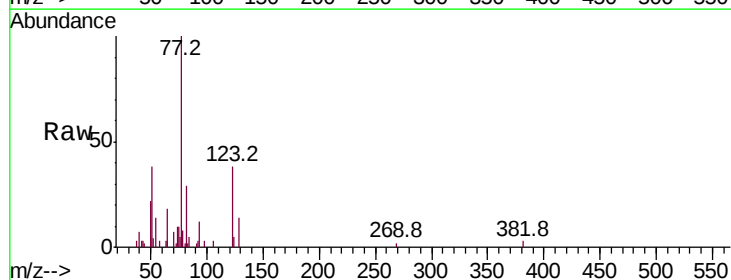
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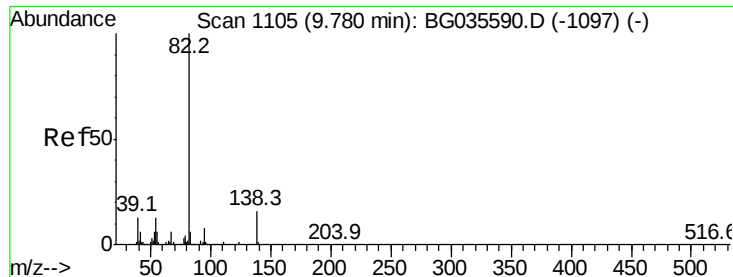
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#24
Nitrobenzene
Concen: 4.892 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	33.0	49.6
65	17.5	13.0	19.6





#25

Isophorone

Concen: 4.768 ng

RT: 9.75 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

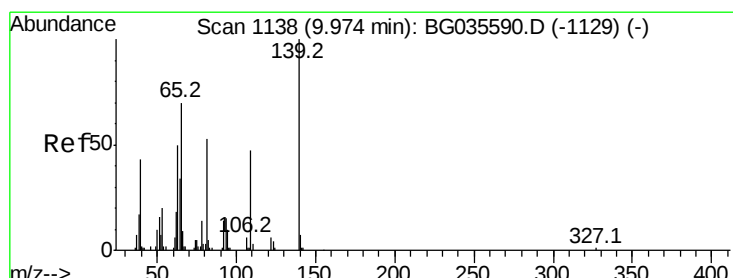
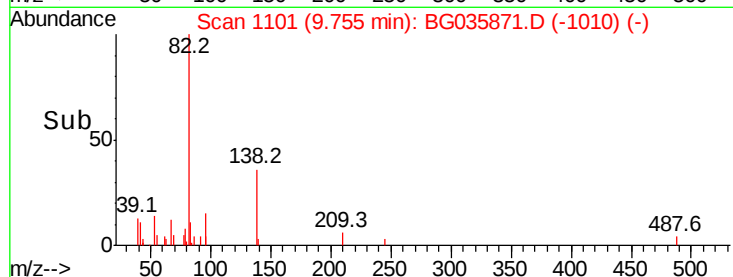
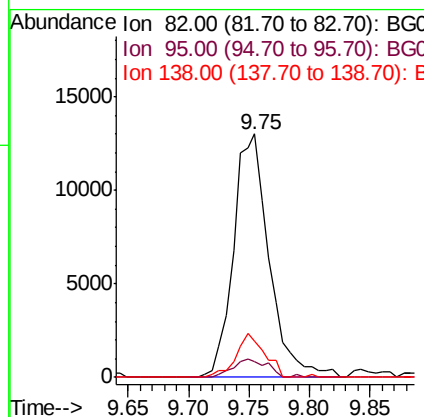
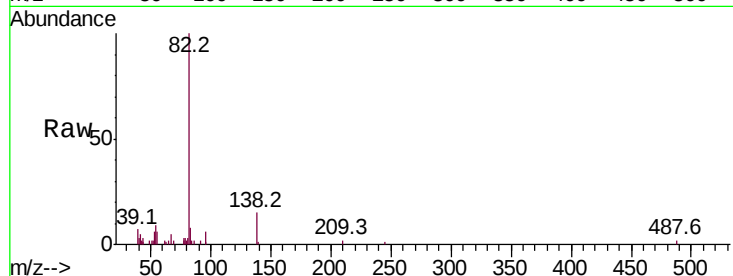
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	82	Resp:	26731
Ion Ratio	Lower	Upper	
82	100		
95	6.4	6.2	9.2
138	15.0	12.1	18.1

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#26

2-Nitrophenol

Concen: 4.618 ng

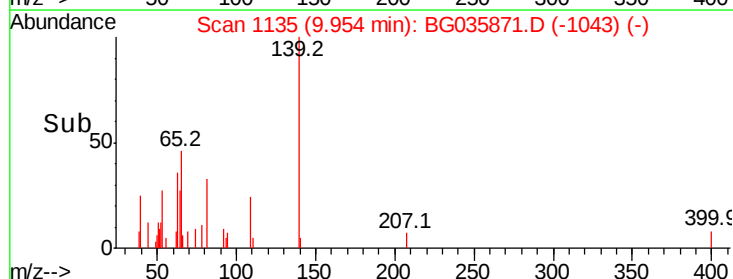
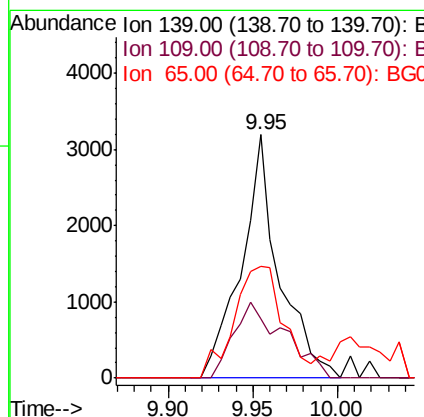
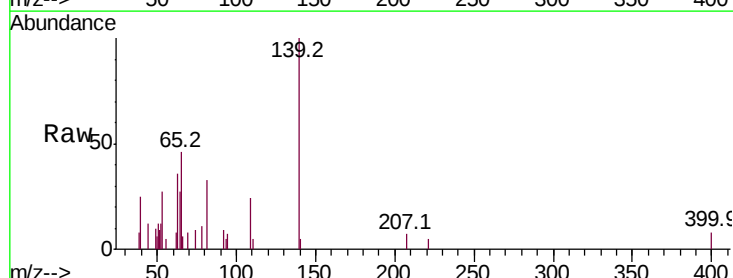
RT: 9.95 min Scan# 1135

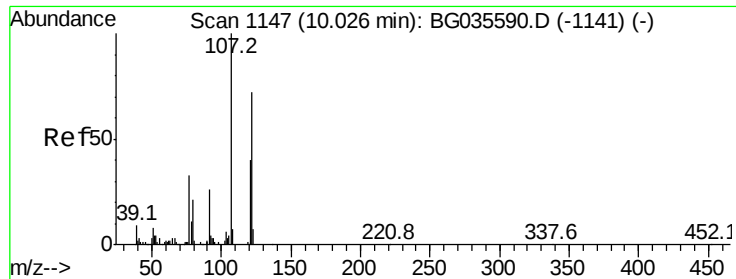
Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	139	Resp:	4982
Ion Ratio	Lower	Upper	
139	100		
109	24.3	24.2	36.2
65	45.9	47.4	71.0#





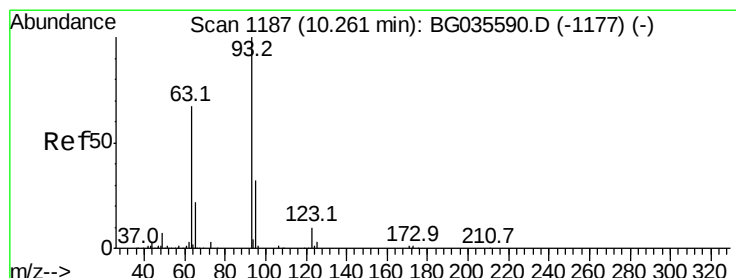
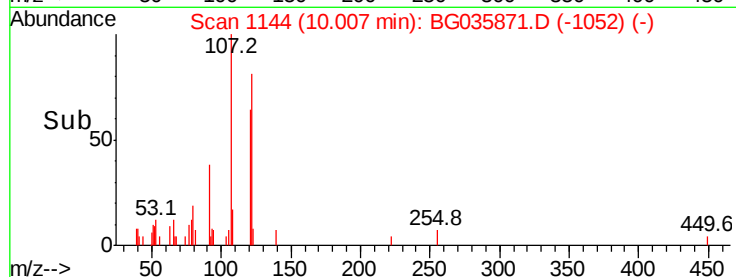
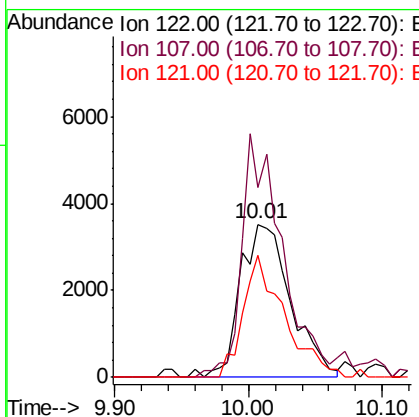
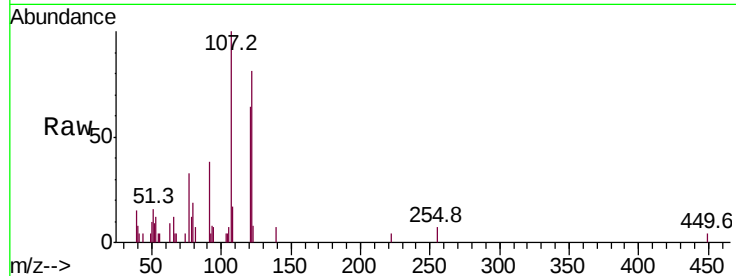
#27
2,4-Dimethylphenol
Concen: 5.050 ng
RT: 10.01 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	100.2	150.2
121	79.6	44.4	66.6

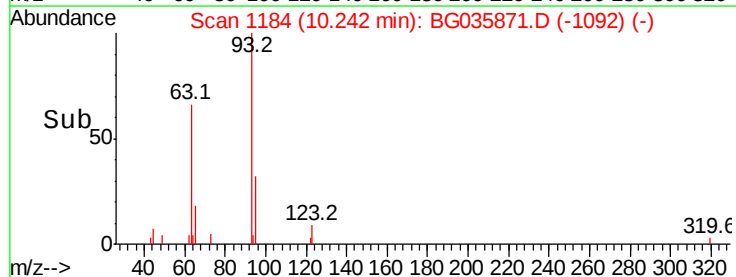
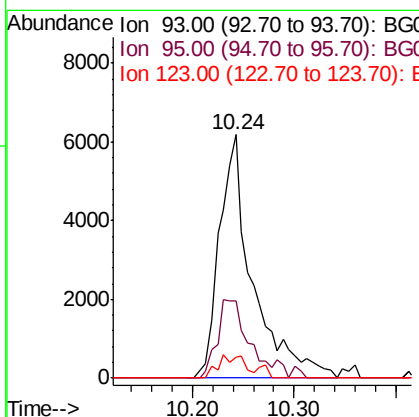
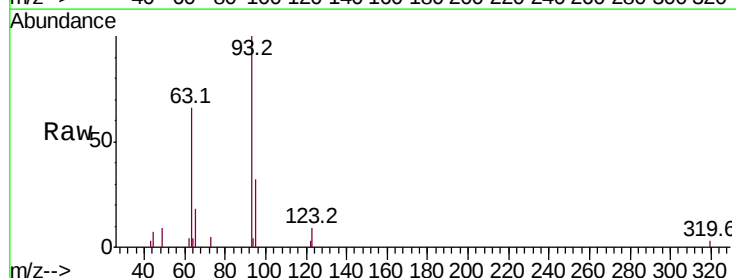
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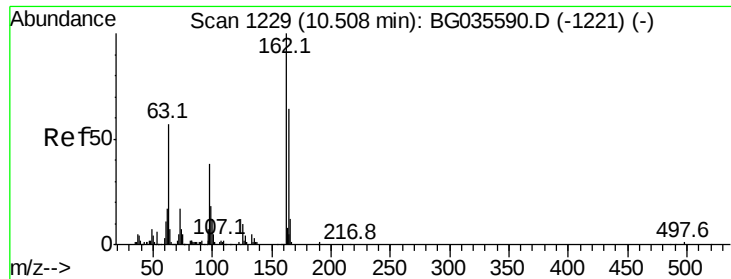
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 4.539 ng
RT: 10.24 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.3	36.5
123	8.5	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 4.679 ng

RT: 10.52 min Scan# 1232

Delta R.T. 0.04 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

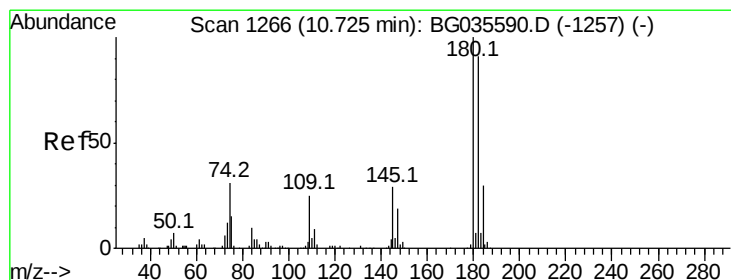
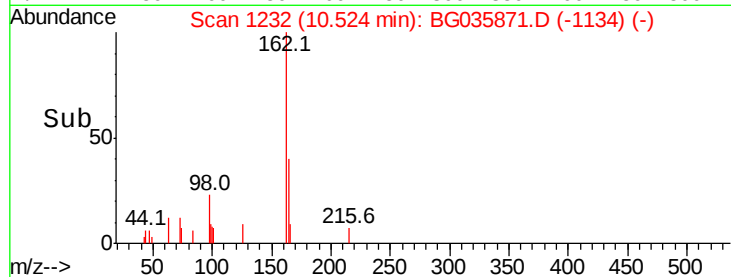
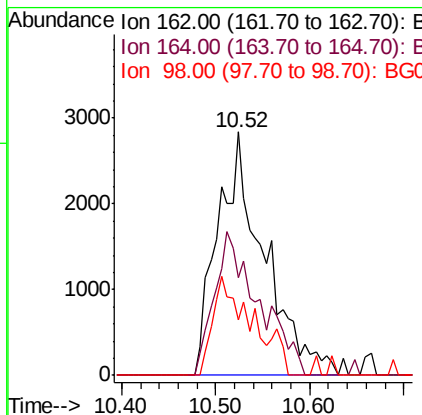
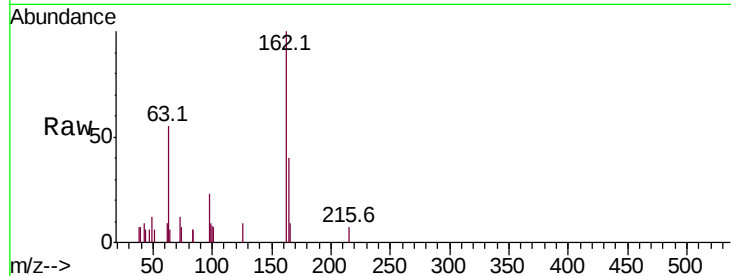
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	162	Resp:	9752
Ion	Ratio	Lower	Upper
162	100		
164	40.3	48.0	88.0#
98	22.6	21.1	61.1

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#30

1,2,4-Trichlorobenzene

Concen: 5.019 ng

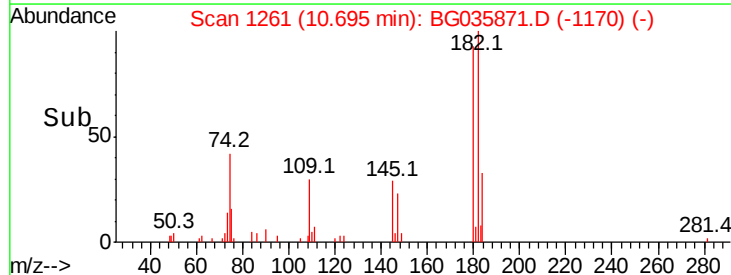
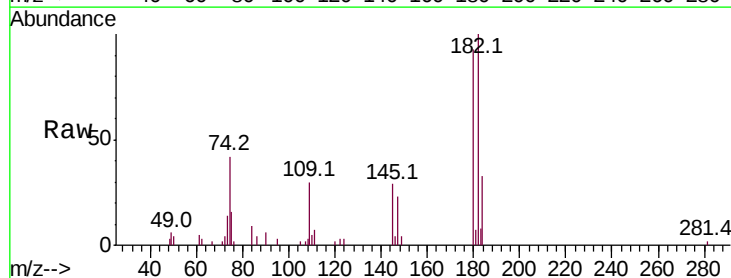
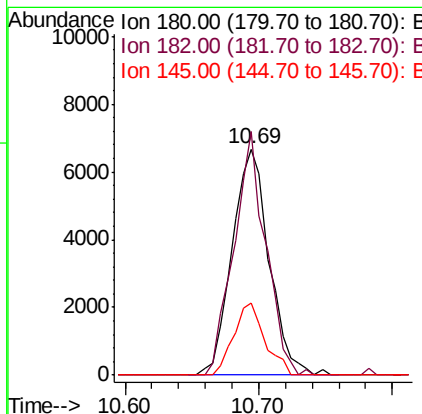
RT: 10.69 min Scan# 1261

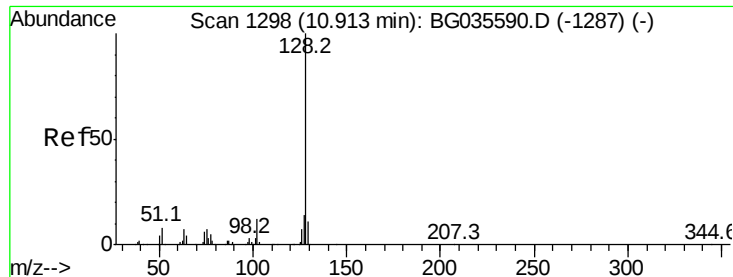
Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	180	Resp:	12829
Ion	Ratio	Lower	Upper
180	100		
182	107.8	77.5	116.3
145	31.7	23.4	35.2





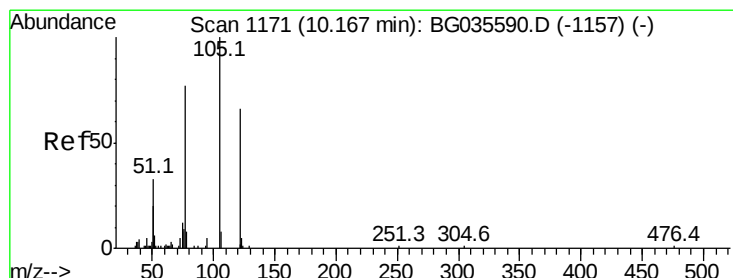
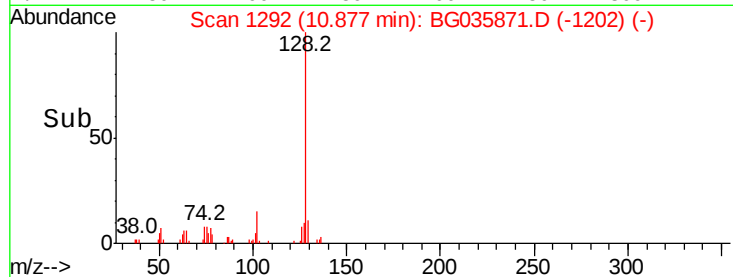
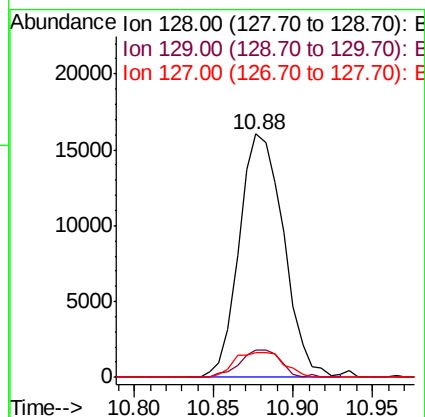
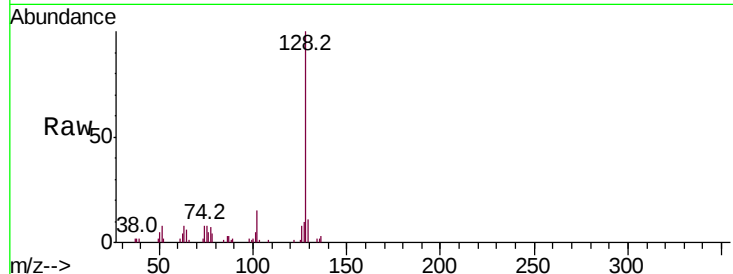
#31
Naphthalene
Concen: 4.756 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:	128	Resp:	31255
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	10.2	11.6	17.4#

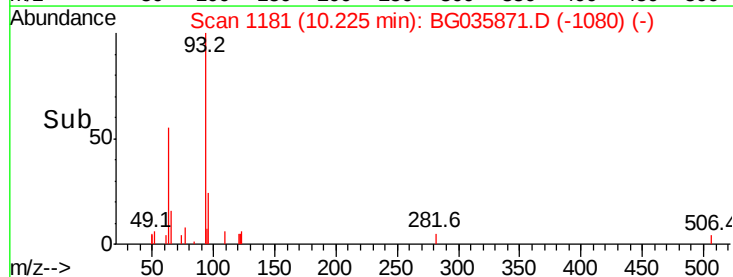
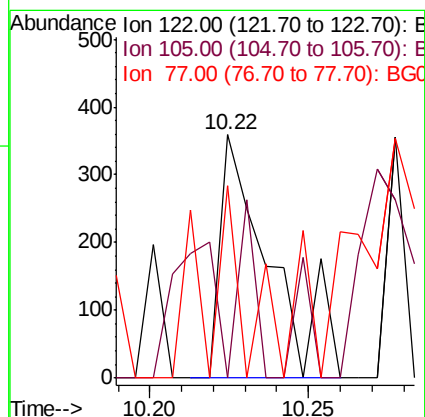
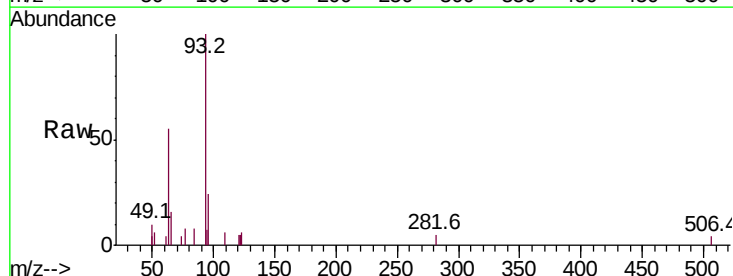
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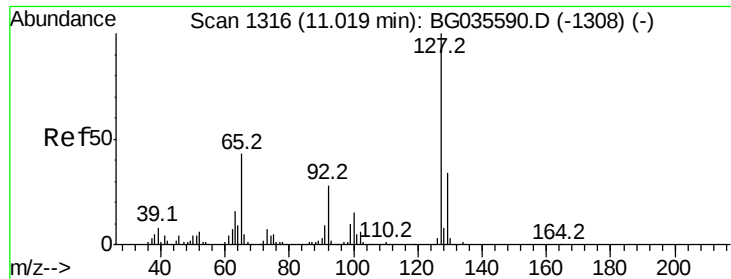
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#32
Benzoic acid
Concen: 0.319 ng
RT: 10.22 min Scan# 1181
Delta R.T. 0.06 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:	122	Resp:	392
Ion Ratio	Lower	Upper	
122	100		
105	0.0	123.5	163.5#
77	79.1	85.7	125.7#





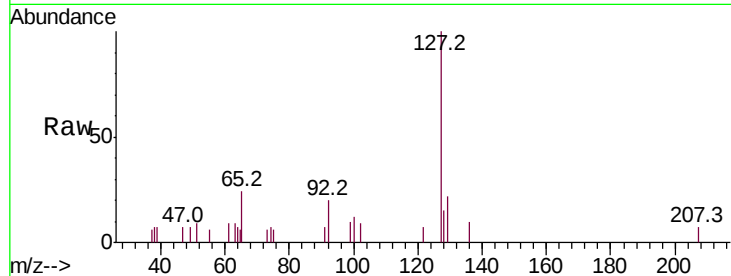
#33
4-Chloroaniline
Concen: 2.612 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
127	100		
129	21.5	24.0	36.0#
65	23.5	27.0	40.4#
92	20.5	16.6	25.0

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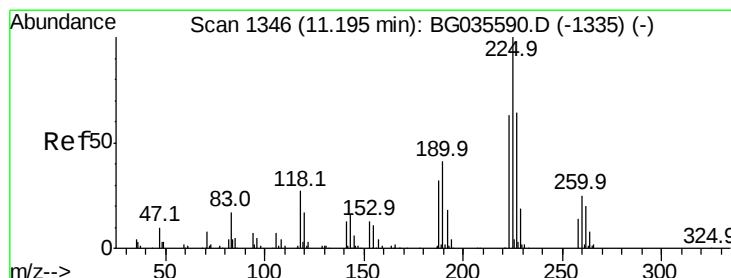
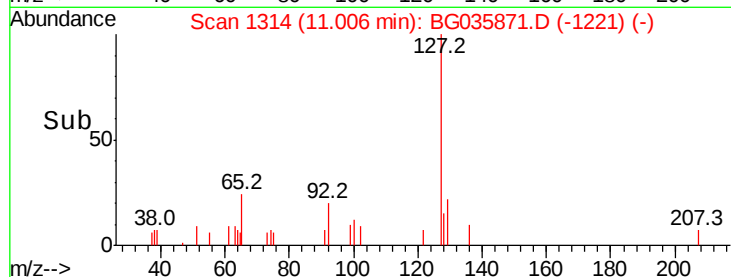
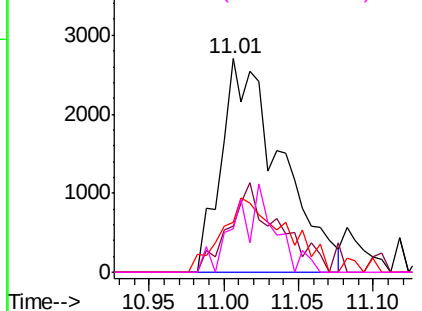
Abundance

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



#34
Hexachlorobutadiene
Concen: 5.190 ng
RT: 11.16 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

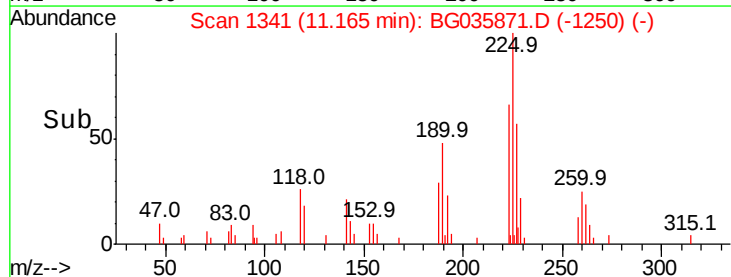
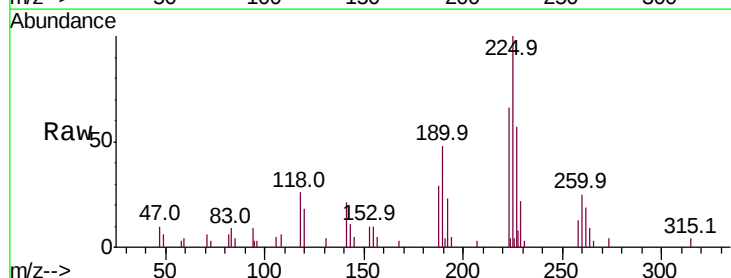
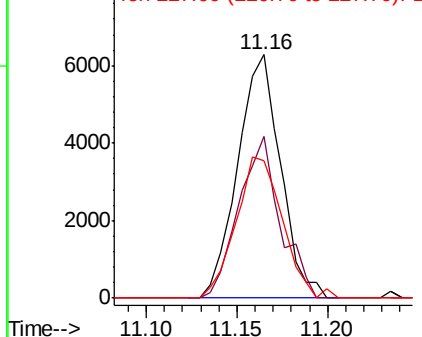
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.7	74.5
227	56.5	48.1	72.1

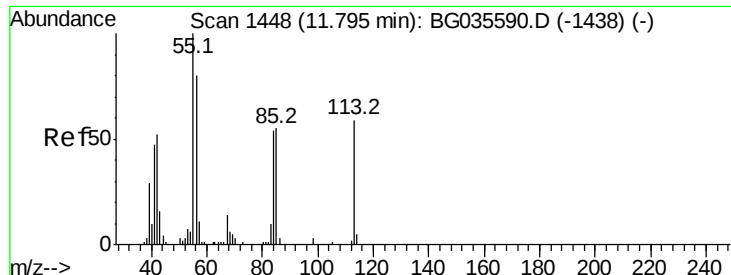
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.892 ng/ml

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

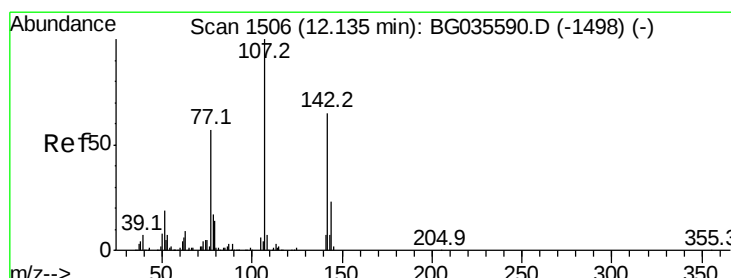
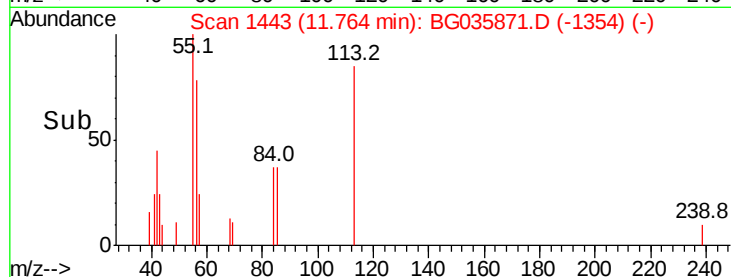
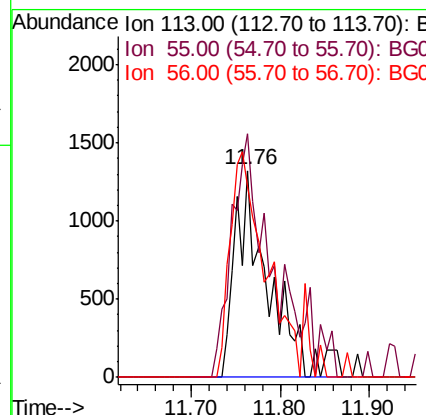
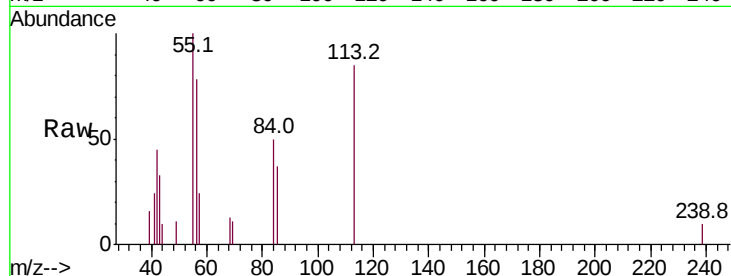
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
113	100		
55	117.7	186.9	226.9#
56	92.4	130.9	170.9#

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7/26/2018 4:59:27 PM



#36

4-Chloro-3-methylphenol

Concen: 4.431 ng/ml

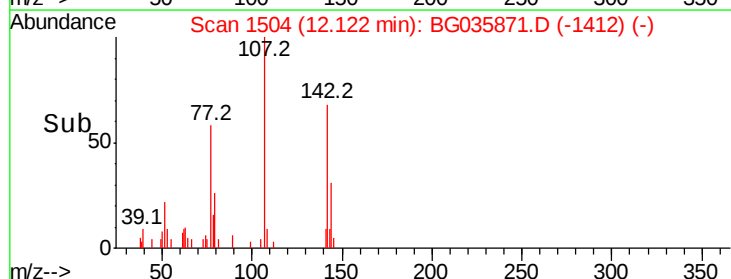
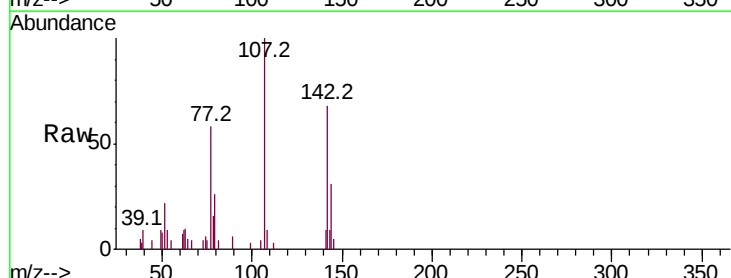
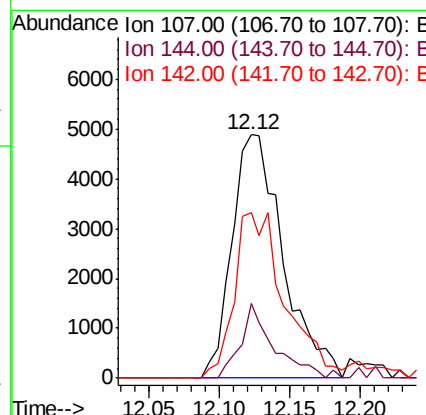
RT: 12.12 min Scan# 1504

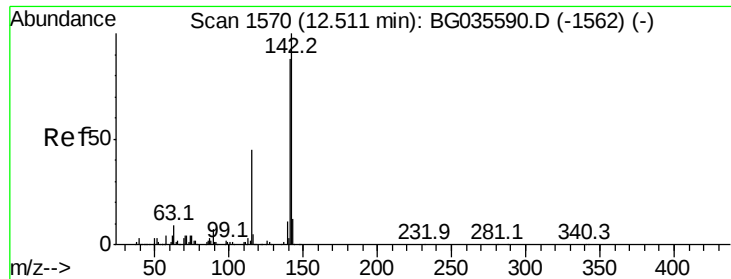
Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.6	18.2	27.4#
142	67.8	59.0	88.4





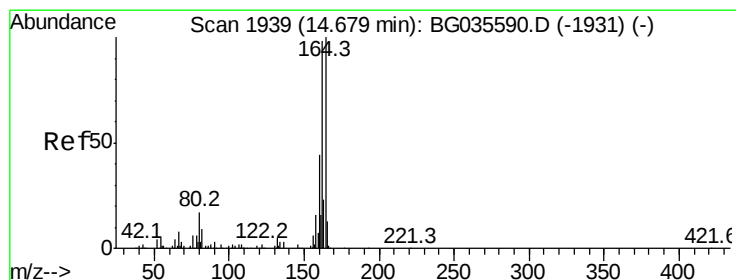
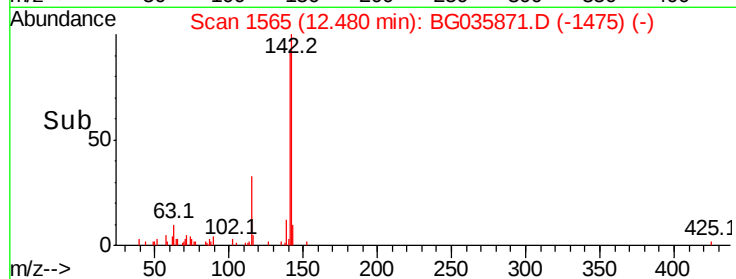
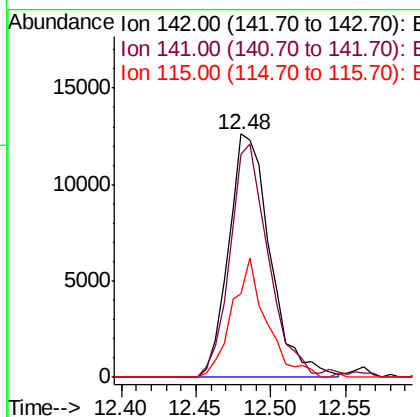
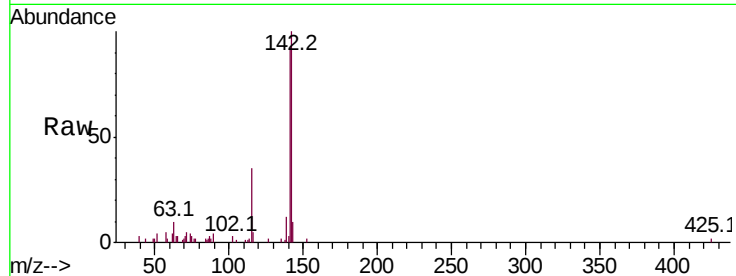
#37
 2-Methylnaphthalene
 Concen: 4.990 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	34.6	30.7	46.1

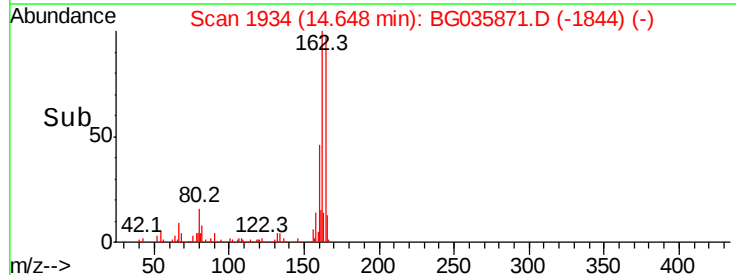
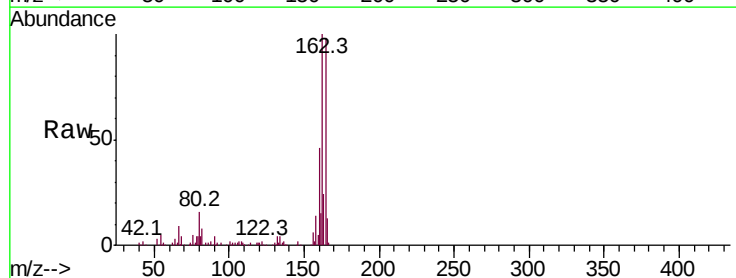
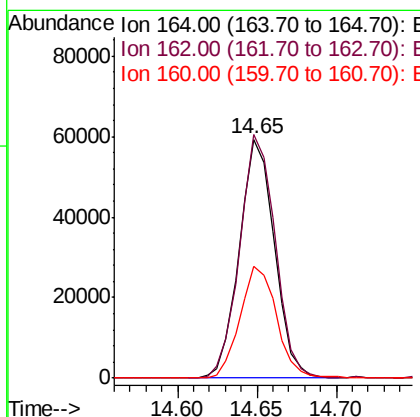
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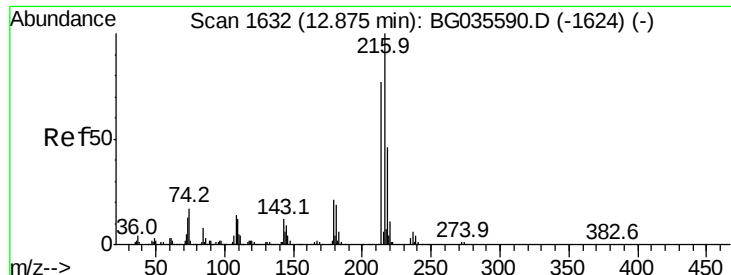
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	47.0	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.972 ng

RT: 12.86 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

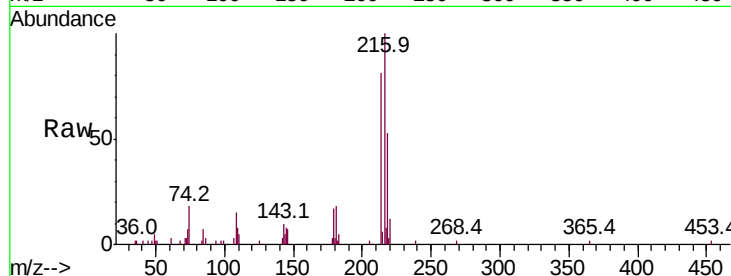
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
216	100	17131		
214	79.5	63.0	94.4	
179	19.3	17.0	25.6	
108	16.5	12.8	19.2	

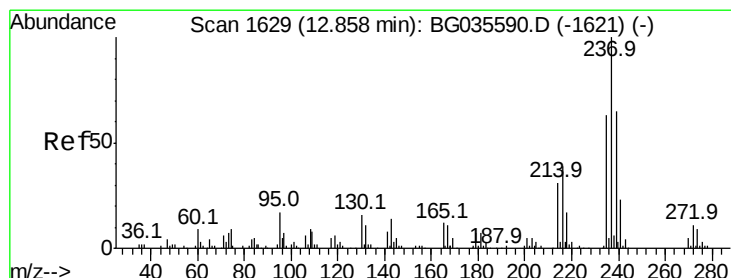
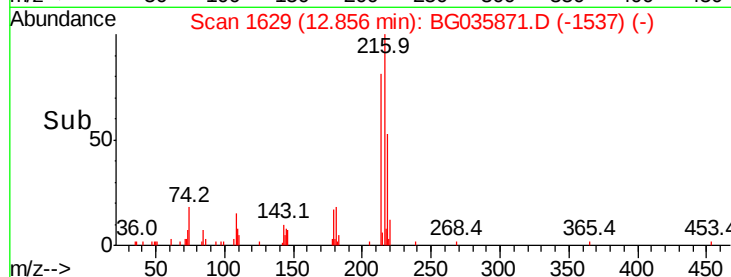
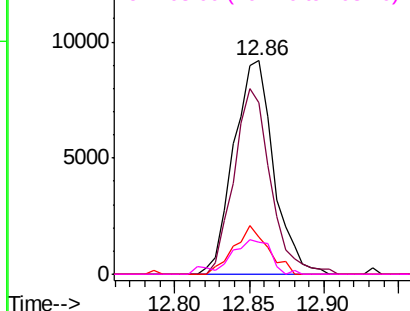
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.890 ng

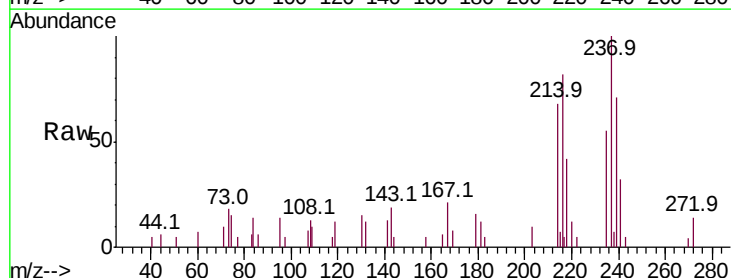
RT: 12.83 min Scan# 1625

Delta R.T. 0.01 min

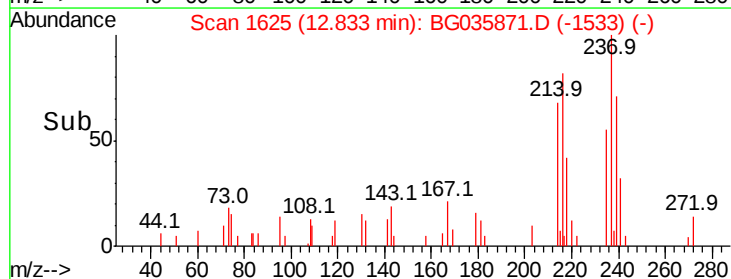
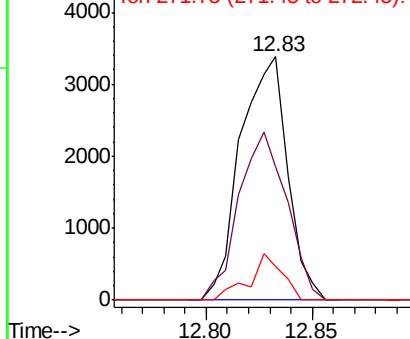
Lab File: BG035871.D

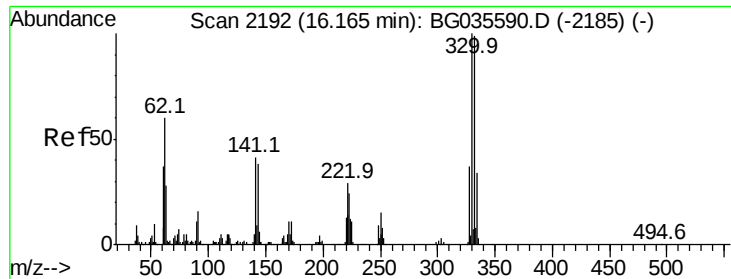
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	5223		
235	55.0	50.4	90.4	
272	14.1	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





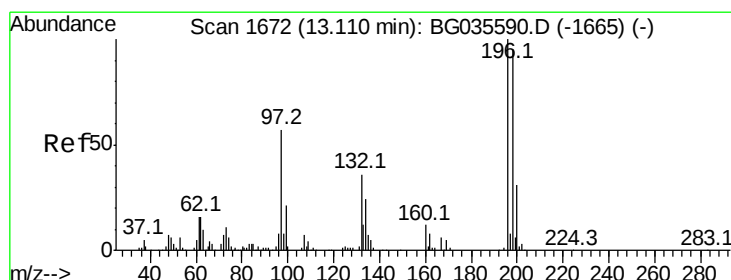
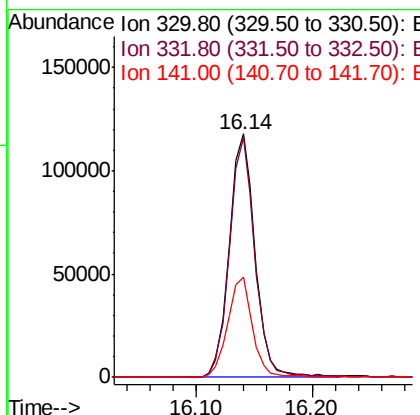
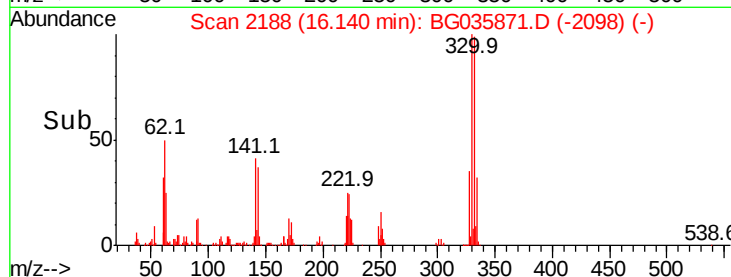
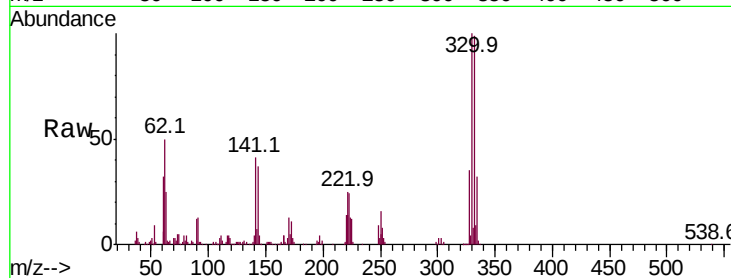
#41
2,4,6-Tribromophenol
Concen: 151.404 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	39.7	25.2	37.8

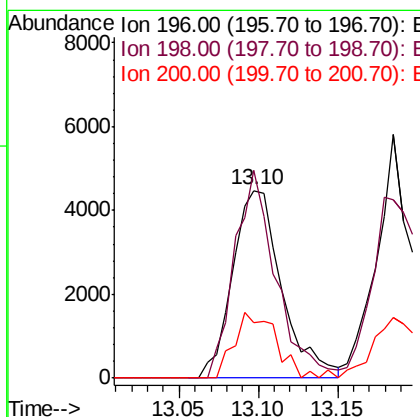
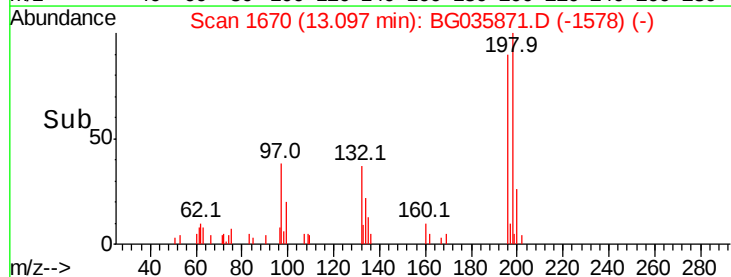
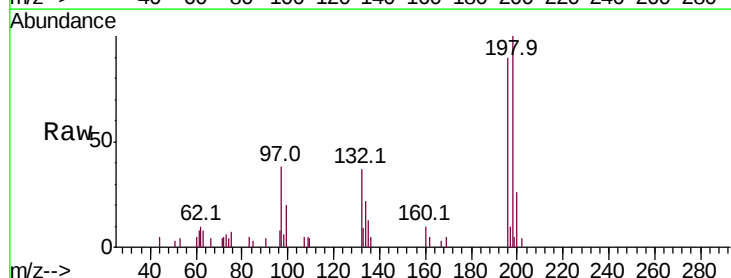
Manual Integrations
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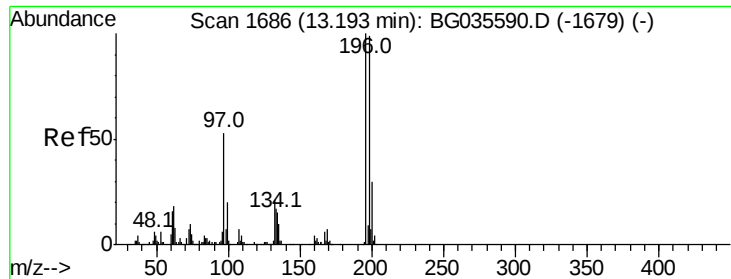
Sohil
7/26/2018 4:59:27 PM



#42
2,4,6-Trichlorophenol
Concen: 4.781 ng
RT: 13.10 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	111.1	78.2	117.2
200	29.2	24.6	36.8





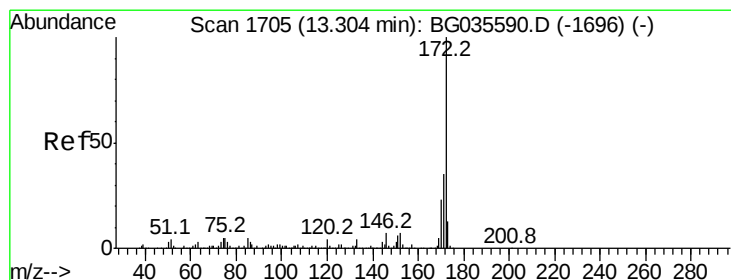
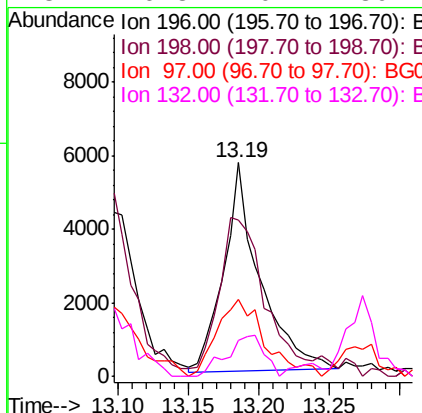
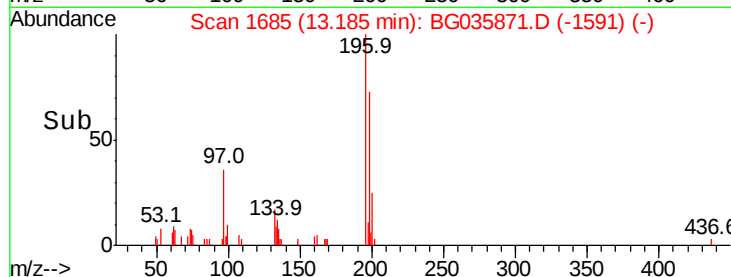
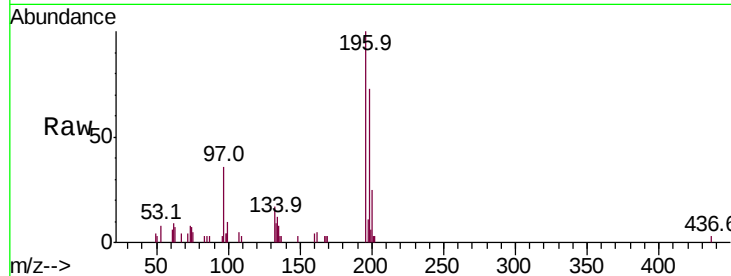
#43
2,4,5-Trichlorophenol
Concen: 4.513 ng
RT: 13.19 min Scan# 1685
Delta R.T. 0.02 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	73.4	76.2	114.4#	
97	35.7	38.7	58.1#	
132	16.8	20.2	30.2#	

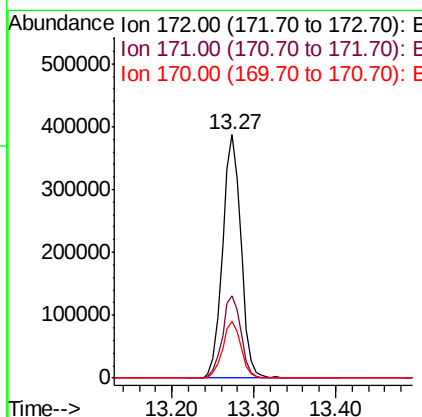
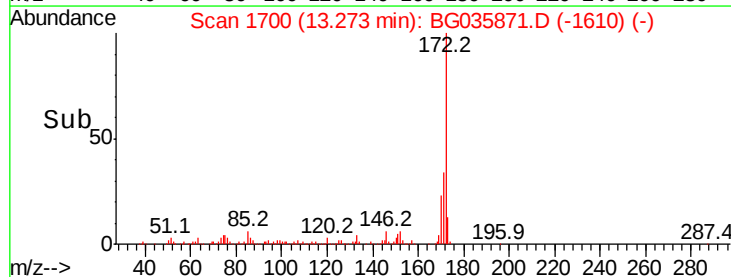
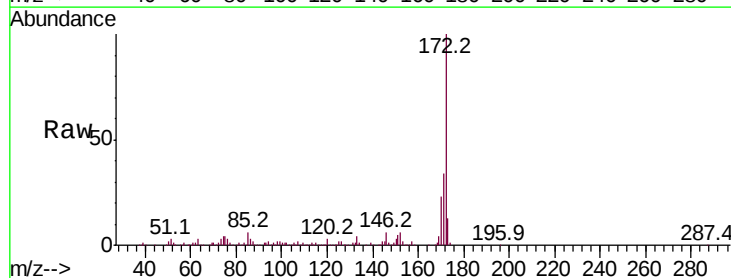
Manual Integrations
APPROVED

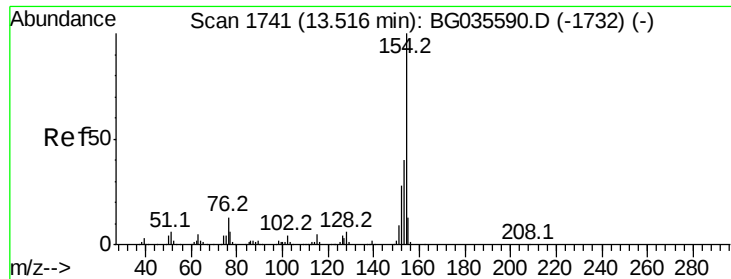
Sohil
7/26/2018 4:59:27 PM



#44
2-Fluorobiphenyl
Concen: 88.549 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	30.0	45.0	
170	23.1	19.5	29.3	





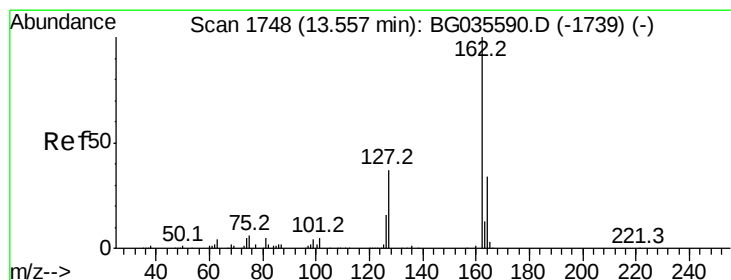
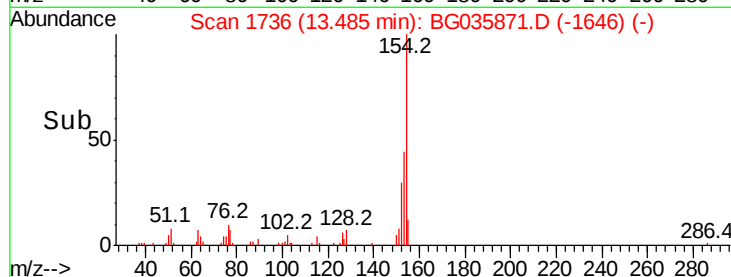
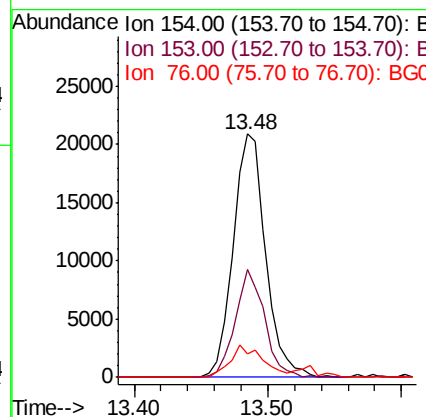
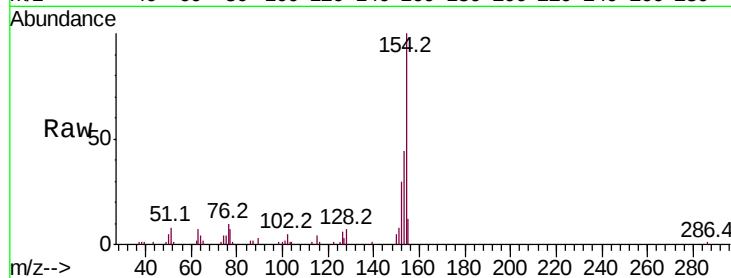
#45
 1,1'-Biphenyl
 Concen: 5.001 ng
 RT: 13.48 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.3	19.8	59.8
76	9.8	0.0	31.9

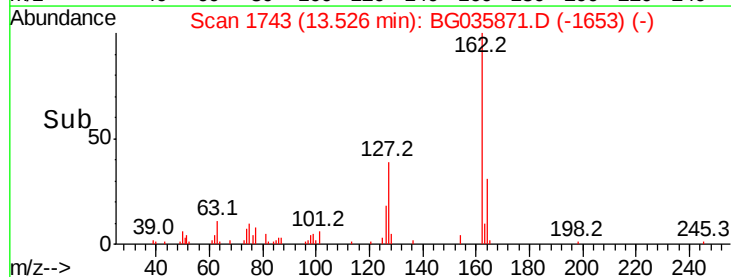
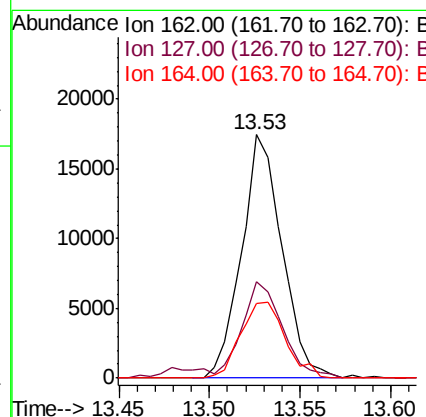
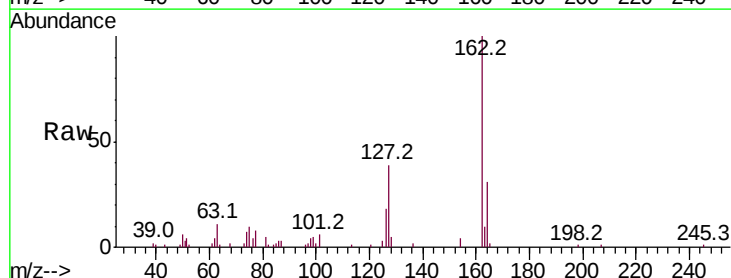
Manual Integrations
 APPROVED

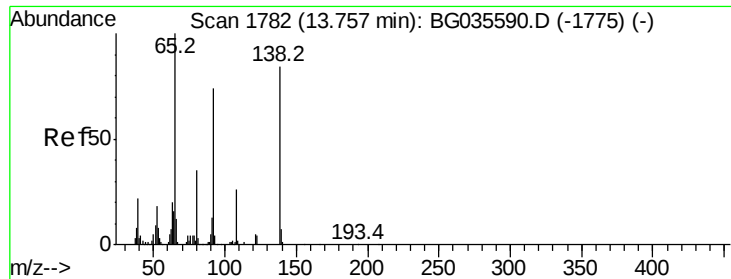
Sohil
 7/26/2018 4:59:27 PM



#46
 2-Chloronaphthalene
 Concen: 4.901 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	30.8	26.0	39.0





#47

2-Nitroaniline

Concen: 3.880 ng

RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

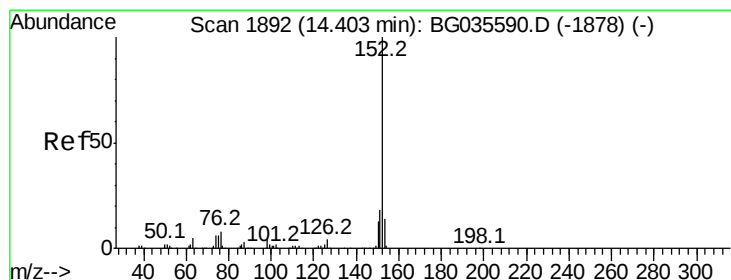
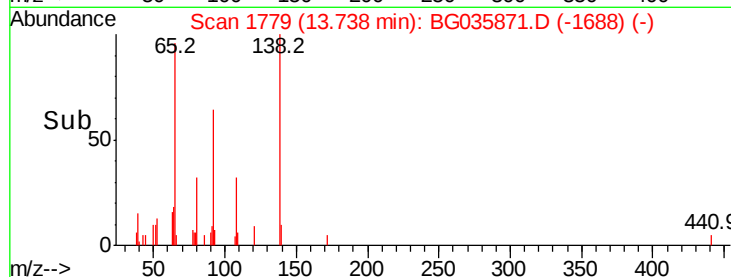
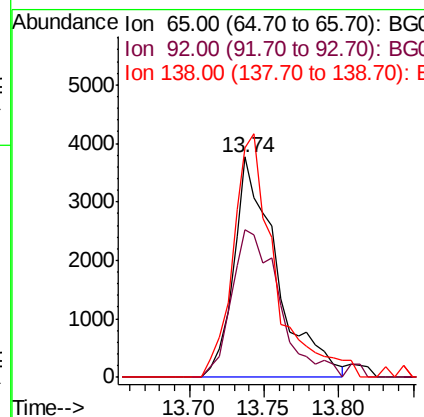
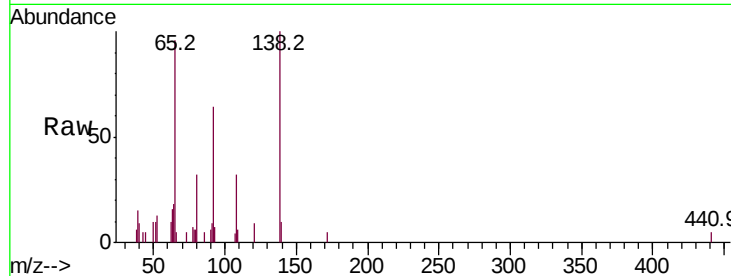
Tot Ion: 65 Resp: 7552

Ion	Ratio	Lower	Upper
65	100		
92	66.8	54.6	82.0
138	104.3	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 5.044 ng

RT: 14.37 min Scan# 1887

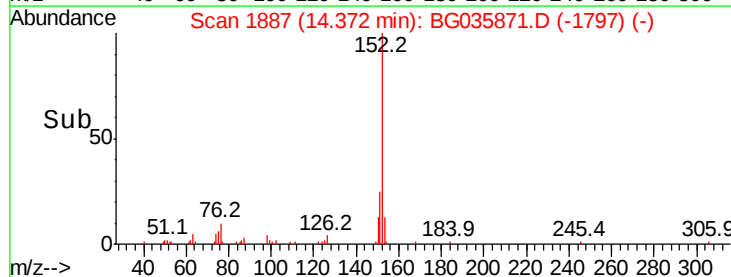
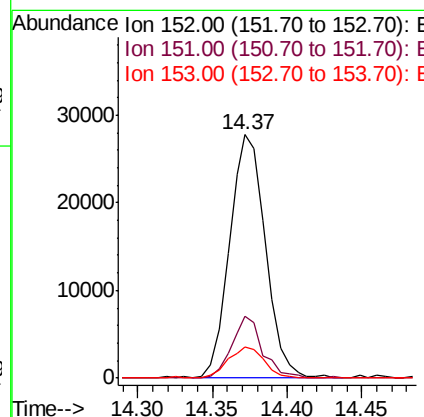
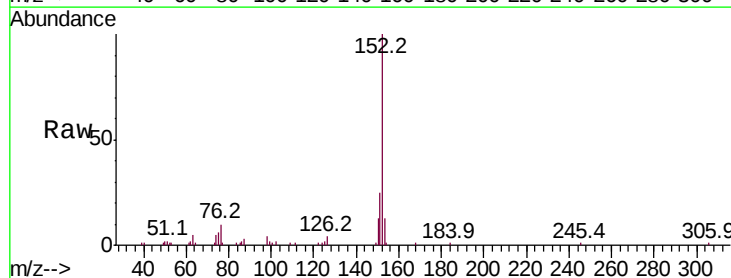
Delta R.T. -0.00 min

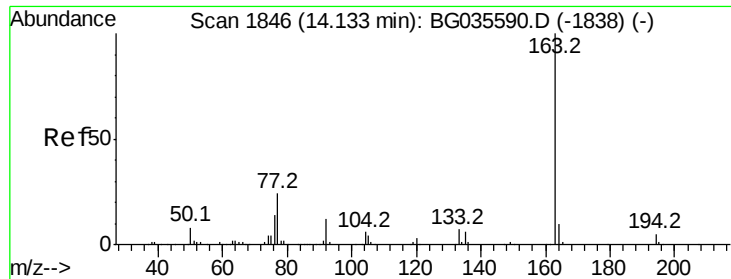
Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion: 152 Resp: 46513

Ion	Ratio	Lower	Upper
152	100		
151	25.3	17.2	25.8
153	13.0	10.2	15.4





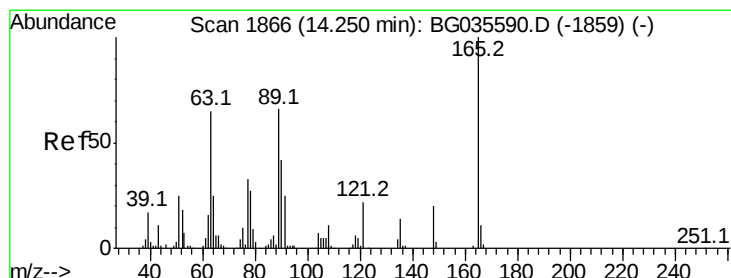
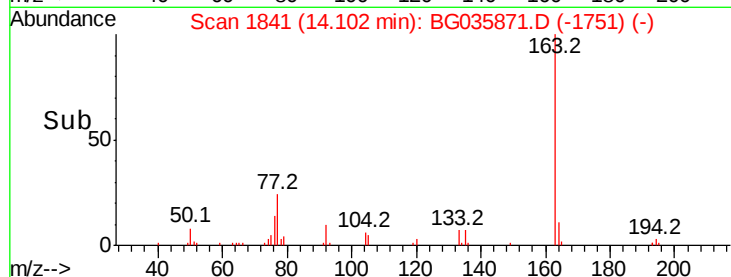
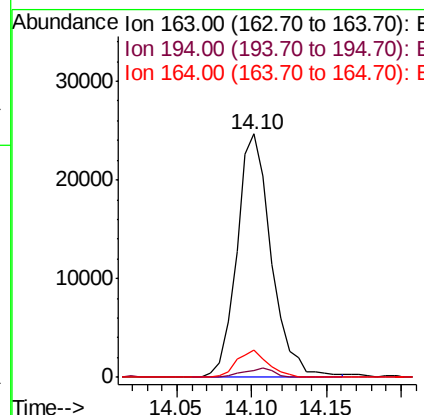
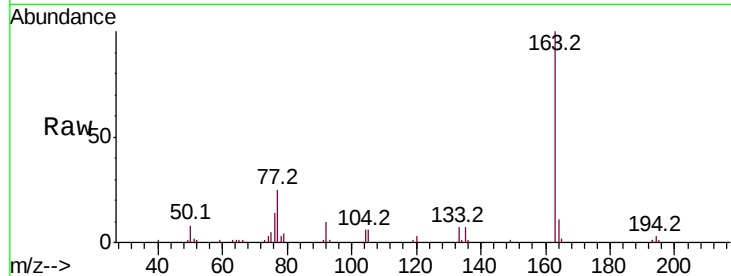
#49
Dimethylphthalate
Concen: 4.948 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.9	3.4	5.2#	
164	11.4	8.2	12.4	

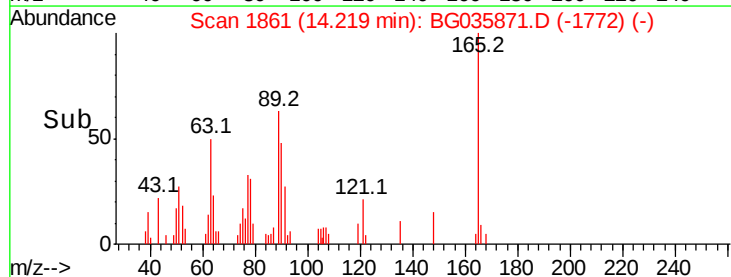
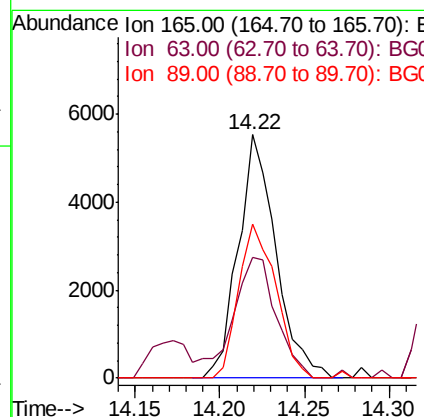
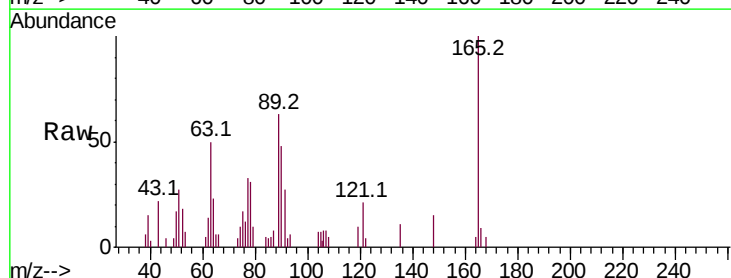
Manual Integrations
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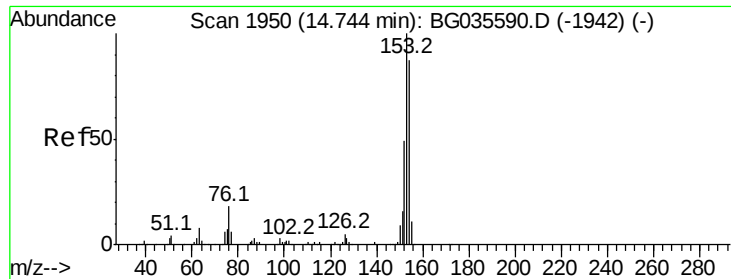
Sohil
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#50
2,6-Dinitrotoluene
Concen: 5.281 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.6	52.7	79.1#	
89	63.4	49.2	73.8	





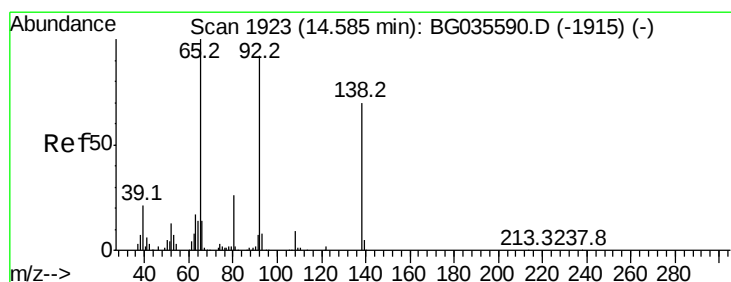
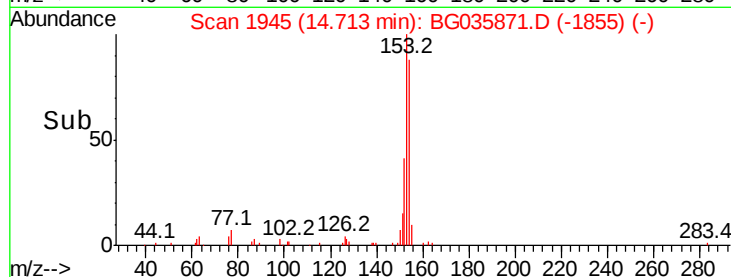
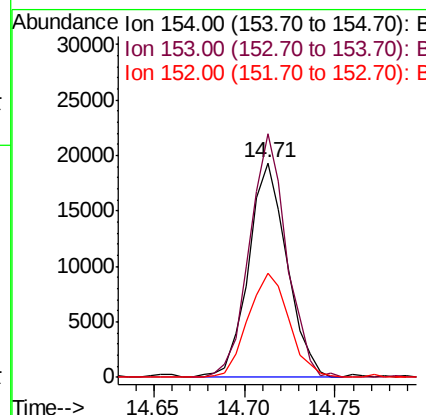
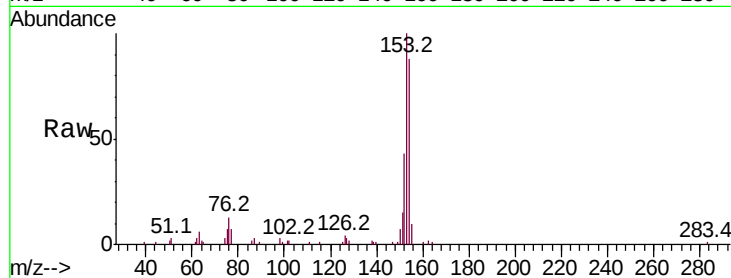
#51
Acenaphthene
Concen: 4.960 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.4	135.6
152	48.4	41.6	62.4

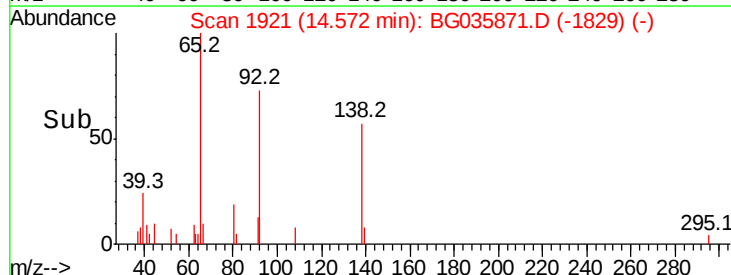
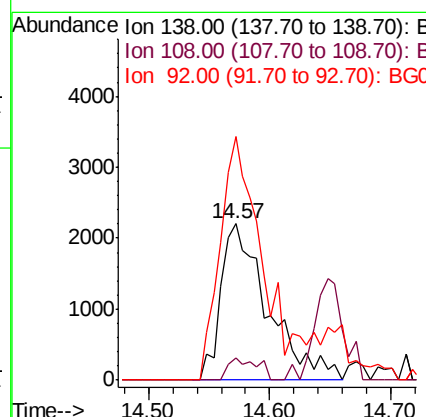
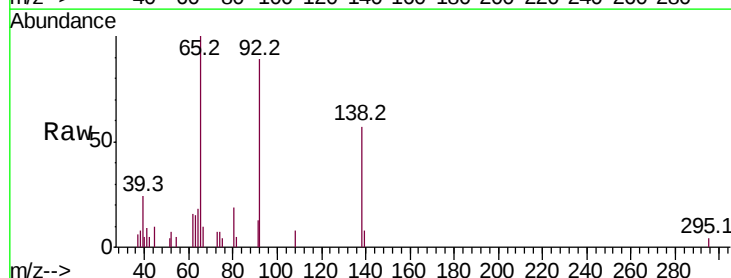
Manual Integrations
APPROVED

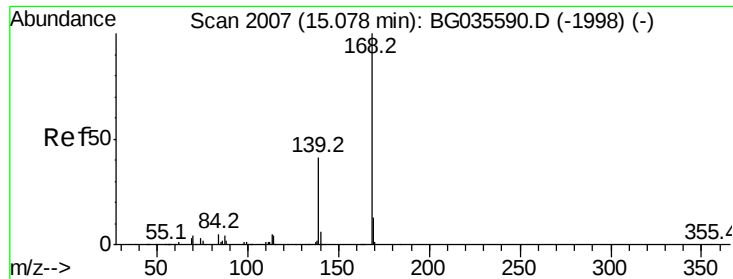
Sohil
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#52
3-Nitroaniline
Concen: 3.553 ng
RT: 14.57 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.3	17.5	26.3#
92	155.9	105.8	158.8





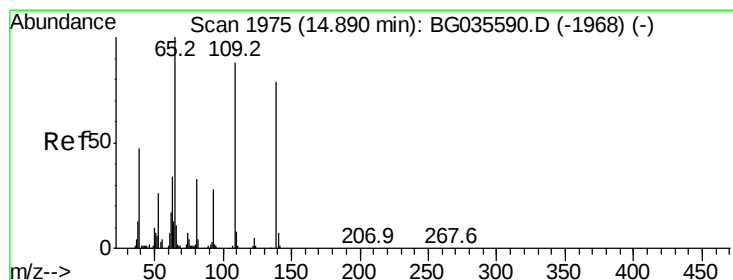
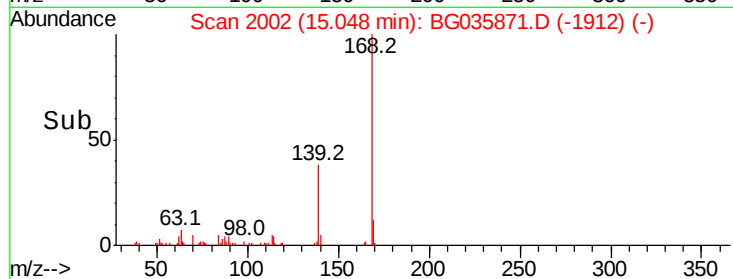
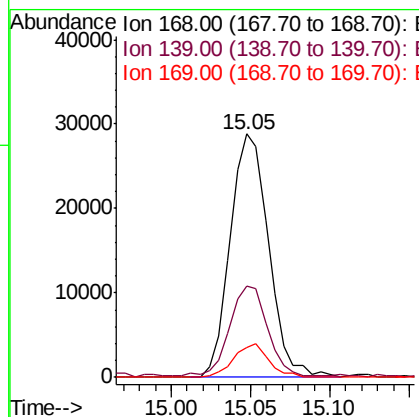
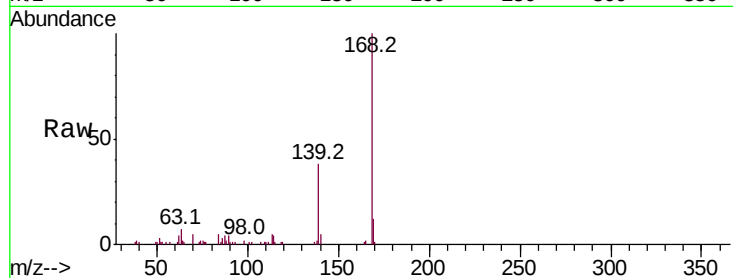
#54
Dibenzofuran
Concen: 5.284 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	28.6	43.0
169	12.5	11.2	16.8

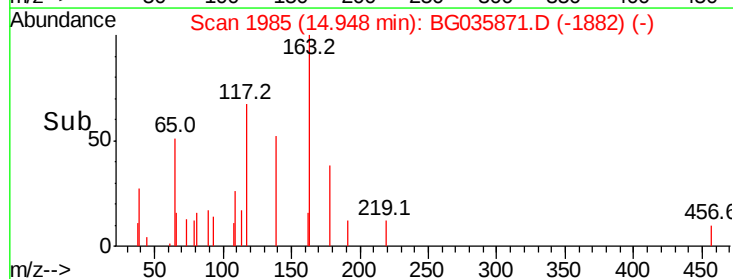
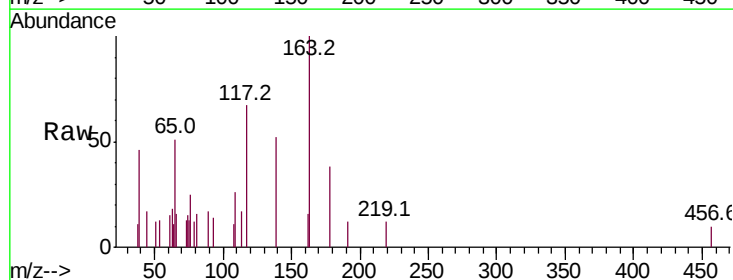
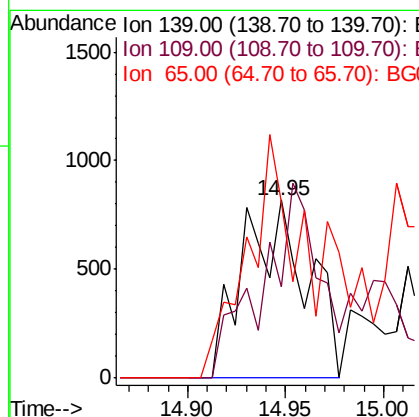
Manual Integrations
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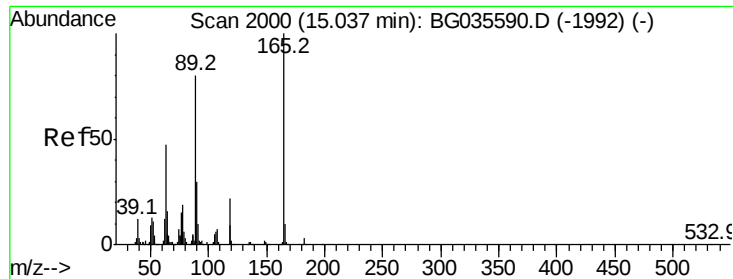
Sohil
7/26/2018 4:59:27 PM



#55
4-Nitrophenol
Concen: 1.563 ng m
RT: 14.95 min Scan# 1985
Delta R.T. 0.07 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	50.9	62.2	102.2#
65	98.5	97.2	137.2





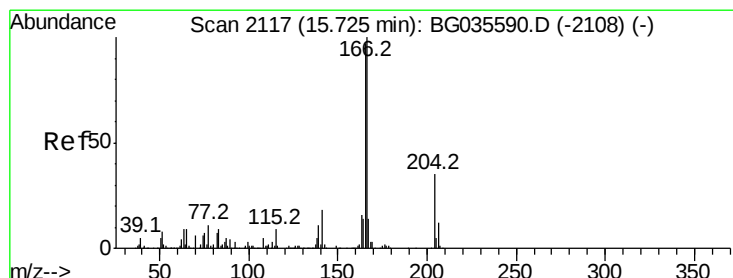
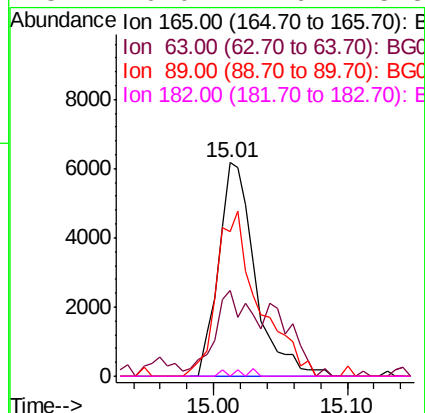
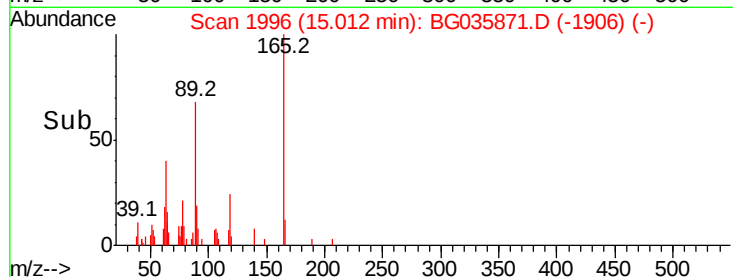
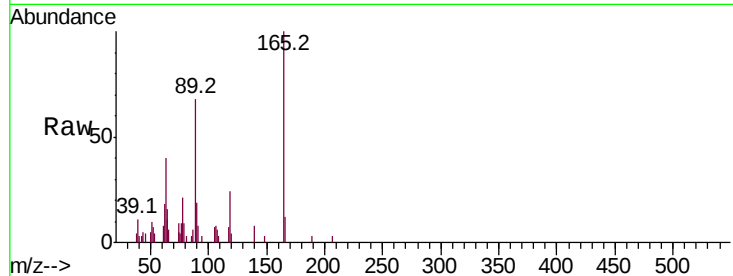
#56
2,4-Dinitrotoluene
Concen: 5.086 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:	165	Resp:	11884
Ion Ratio	Lower	Upper	
165	100		
63	40.0	42.0	63.0#
89	67.9	66.9	100.3
182	0.0	2.6	3.8#

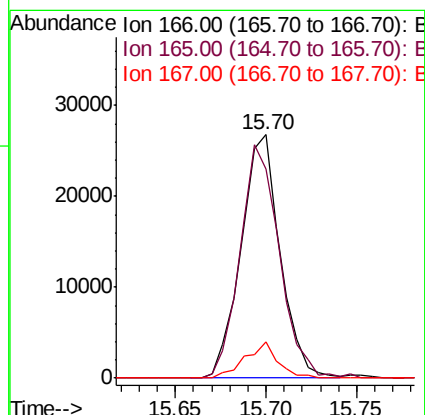
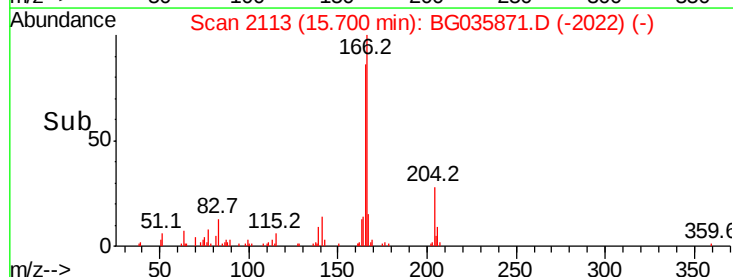
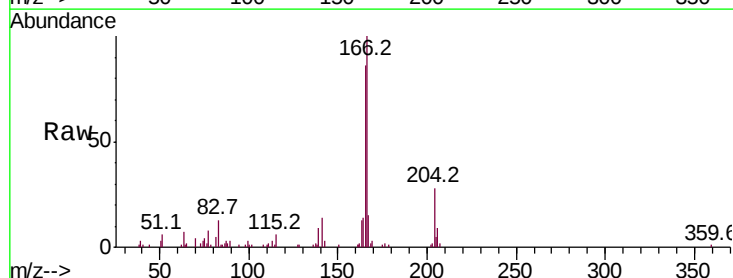
Manual Integrations
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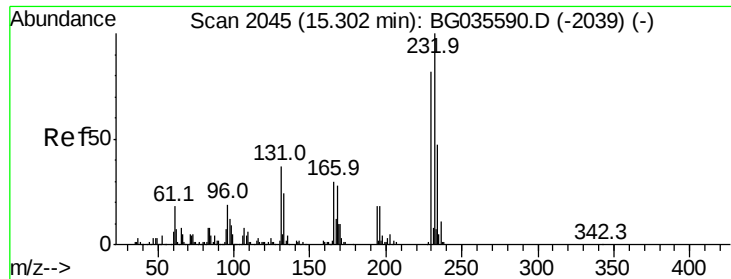
Sohil
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#57
Fluorene
Concen: 5.260 ng
RT: 15.70 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:	166	Resp:	40281
Ion Ratio	Lower	Upper	
166	100		
165	85.9	80.6	121.0
167	14.9	10.4	15.6





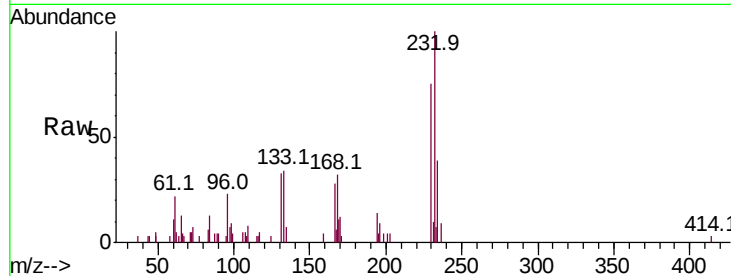
#58
2,3,4,6-Tetrachlorophenol
Concen: 5.220 ng
RT: 15.28 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.4	33.5	50.3
130	0.6	2.2	3.2
166	29.5	24.8	37.2

Manual Integrations
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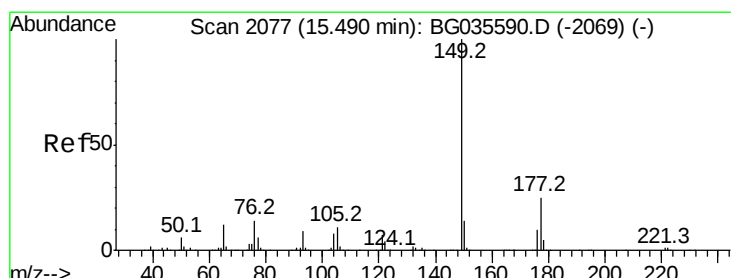
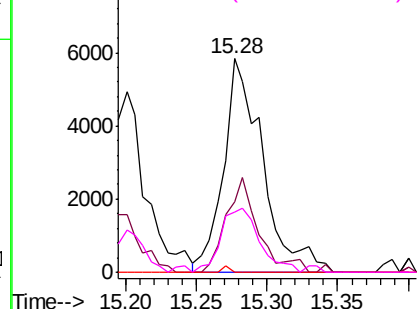
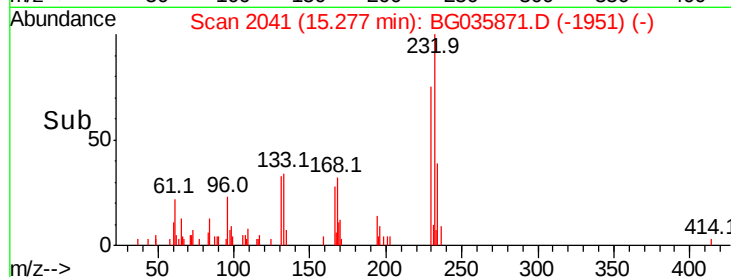
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

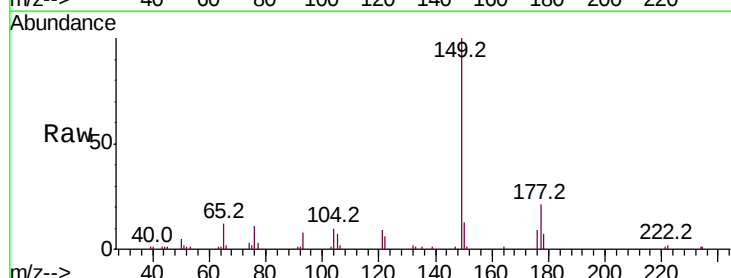
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Diethylphthalate
Concen: 5.086 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.5	27.7
150	13.2	10.2	15.2

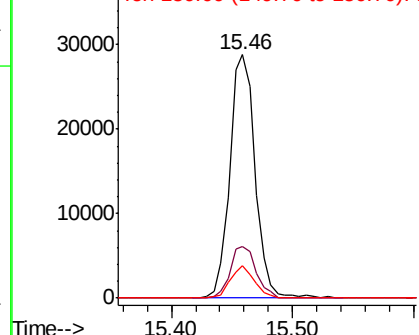
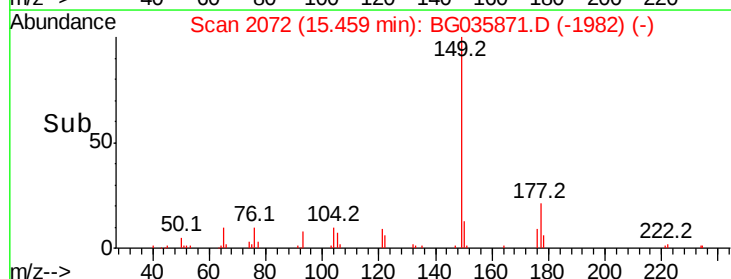


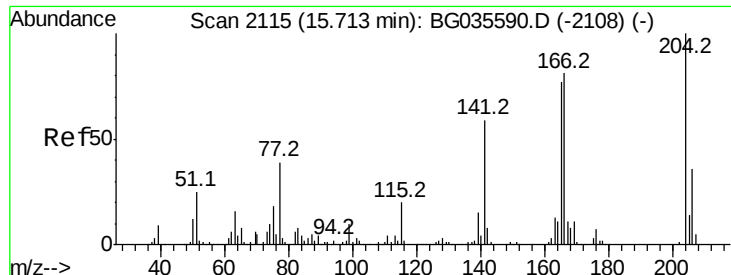
Abundance

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





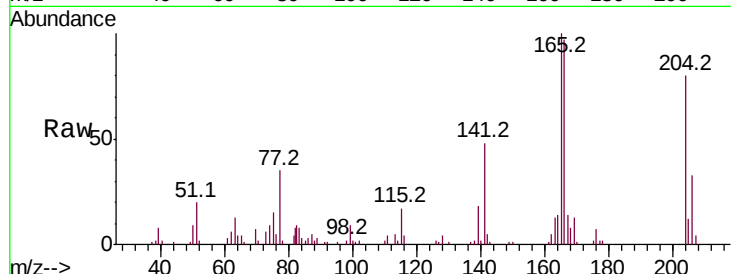
#60
4-Chlorophenyl-phenylether
Concen: 4.874 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
204	100		
206	41.3	26.2	39.2#
141	59.7	45.8	68.6

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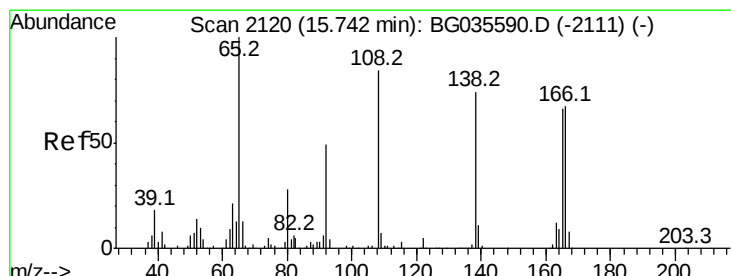
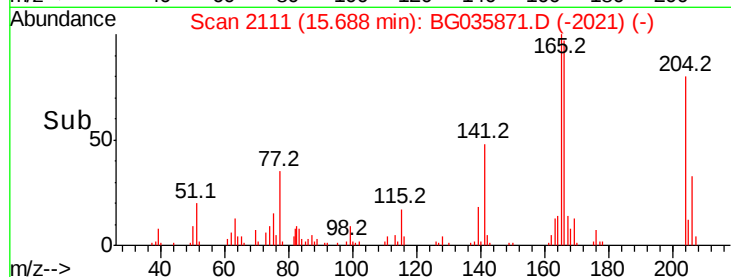
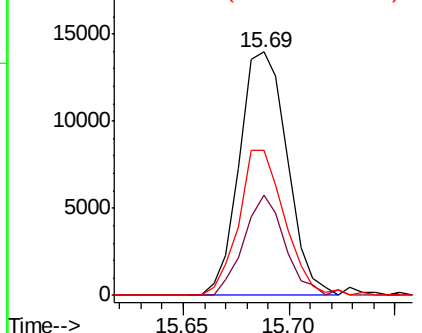


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 3.006 ng
RT: 15.73 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

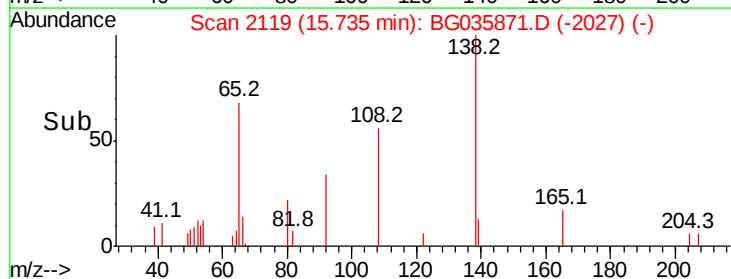
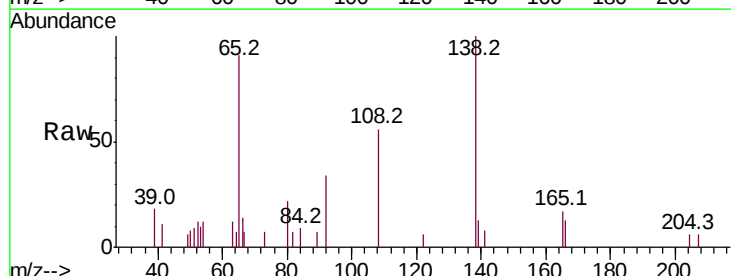
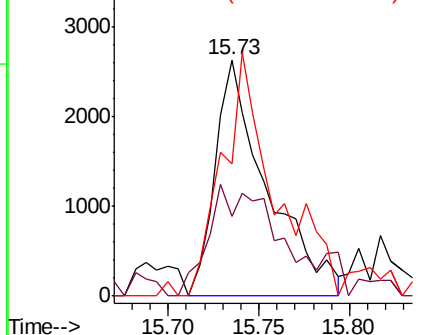
Tgt Ion	Ratio	Lower	Upper
138	100		
92	33.7	40.1	80.1#
108	56.0	65.4	105.4#

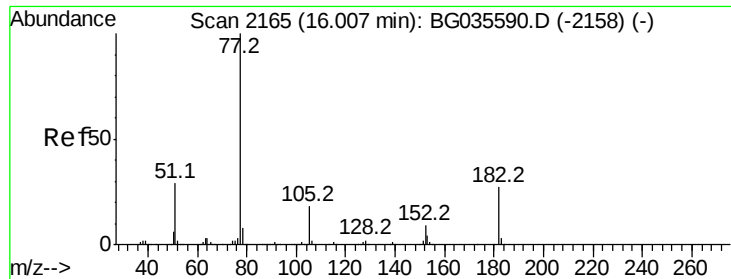
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 5.245 ng

RT: 15.98 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

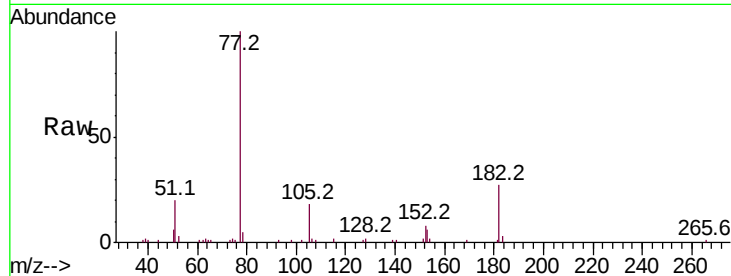
ClientSampleId :

MDL-WATER-03-QT3-2018

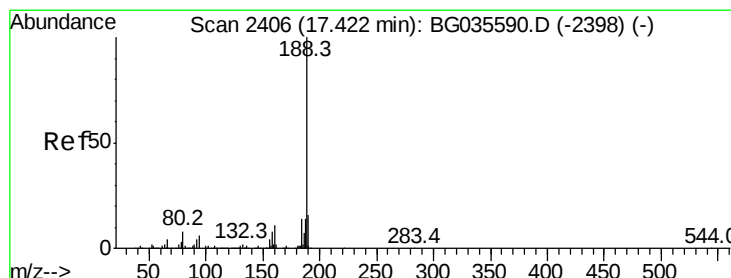
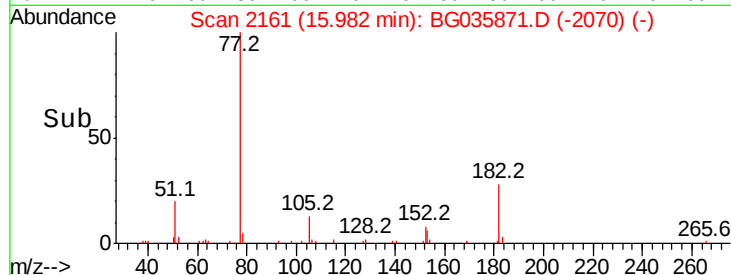
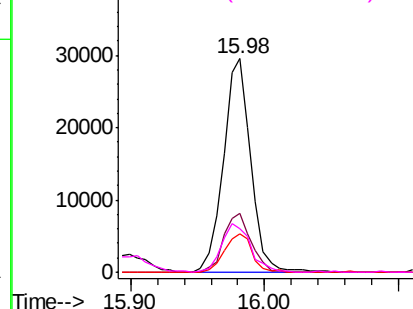
Tot Ion:	77	Resp:	42553
Ion Ratio	Lower	Upper	
77	100		
182	27.3	7.4	47.4
105	17.8	0.3	40.3
51	20.4	11.6	51.6

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

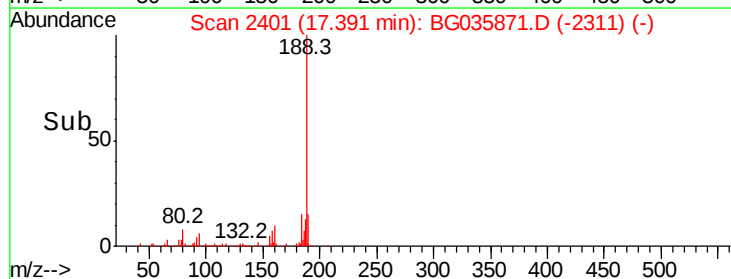
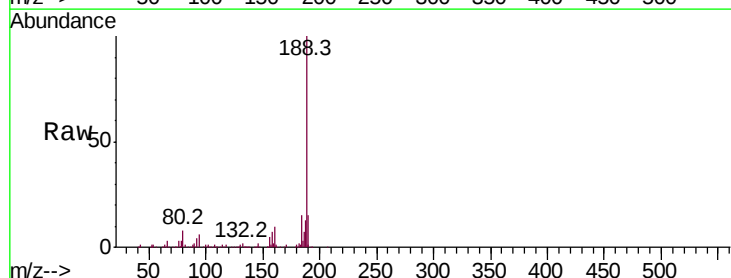
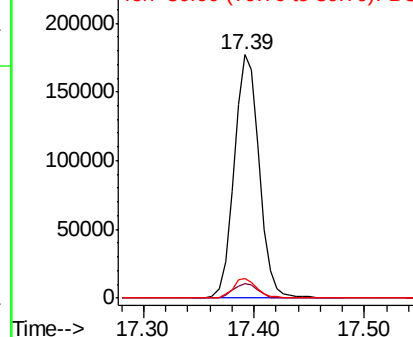
Delta R.T. -0.00 min

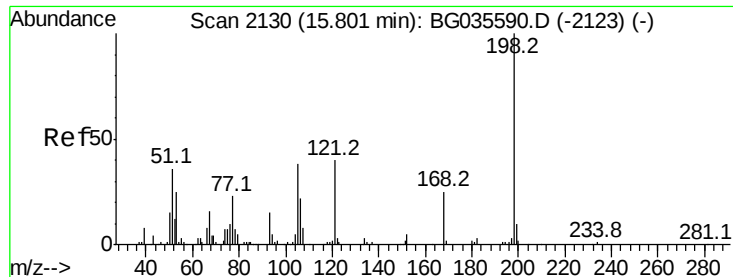
Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	188	Resp:	280909
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	8.1	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





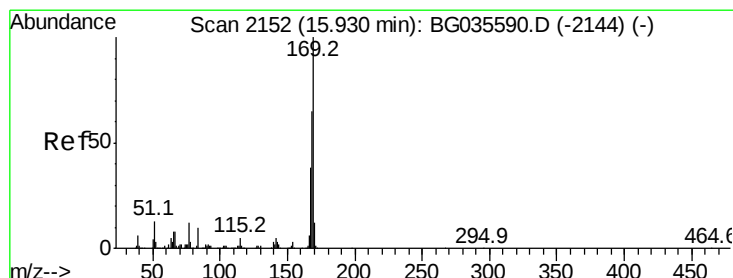
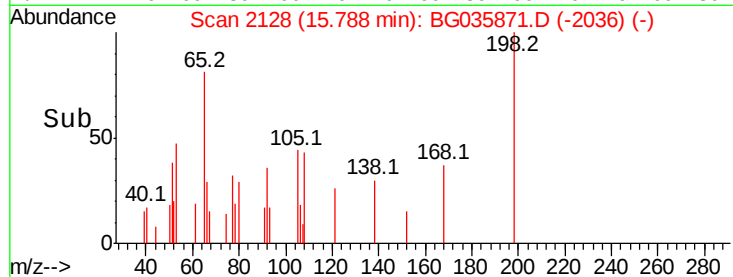
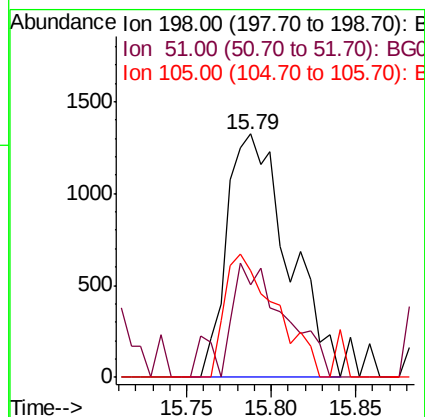
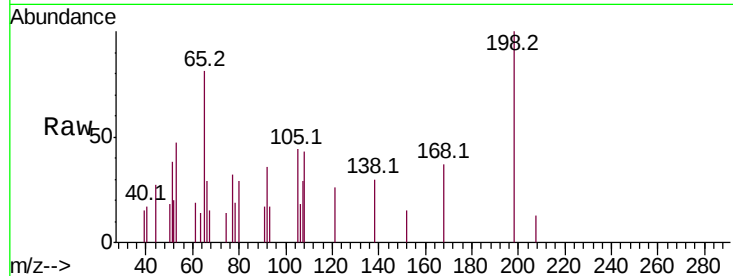
#64
4,6-Dinitro-2-methylphenol
Concen: 2.143 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
198	100	3351		
51	38.1		30.6	70.6
105	43.7		23.8	63.8

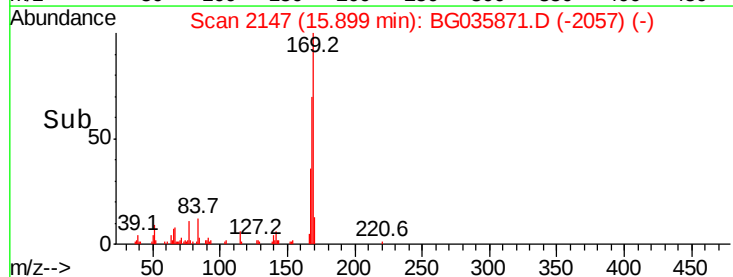
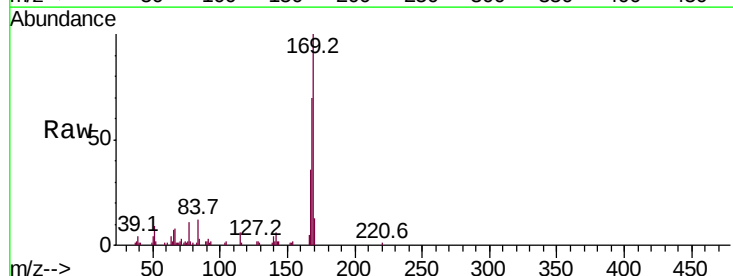
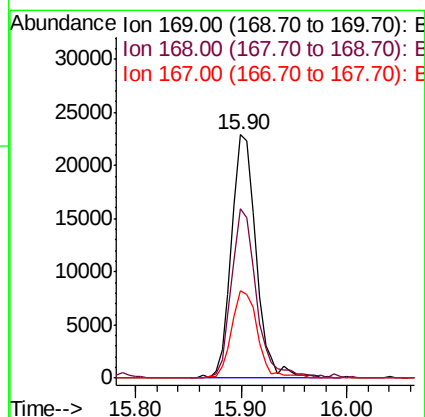
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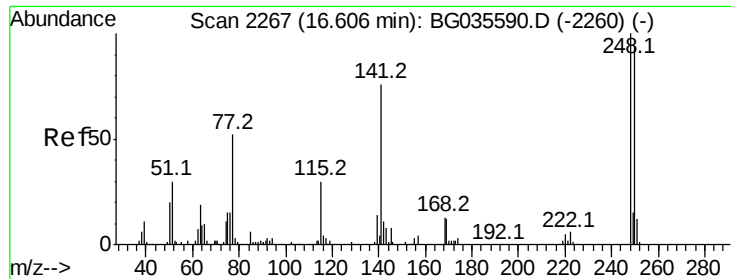
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#65
n-Nitrosodiphenylamine
Concen: 4.608 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	36845		
168	69.8		55.7	83.5
167	35.8		30.1	45.1





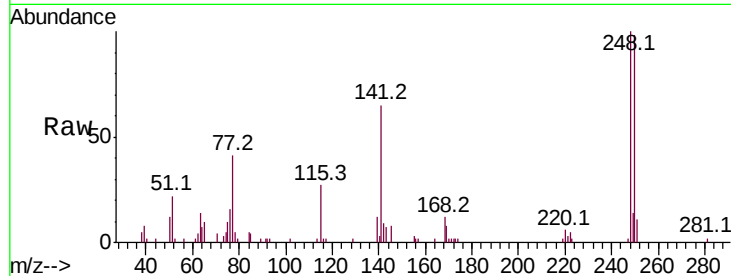
#66
4-Bromophenyl-phenylether
Concen: 4.582 ng
RT: 16.59 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	65.0	50.8	76.2

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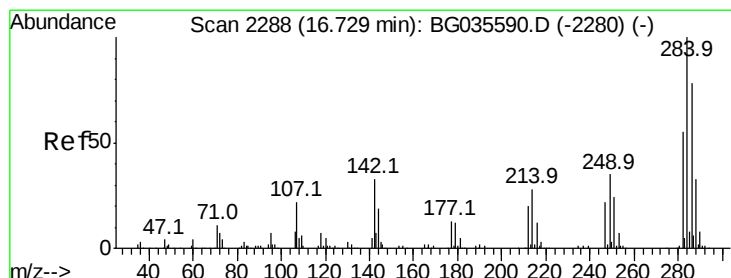
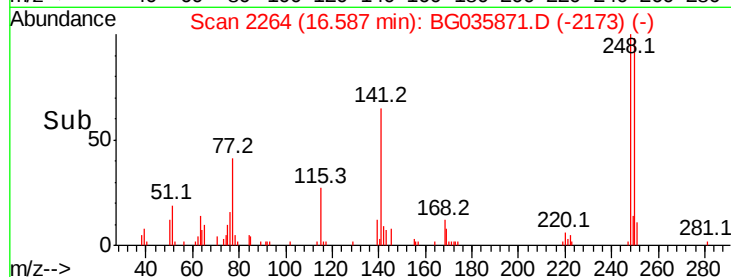
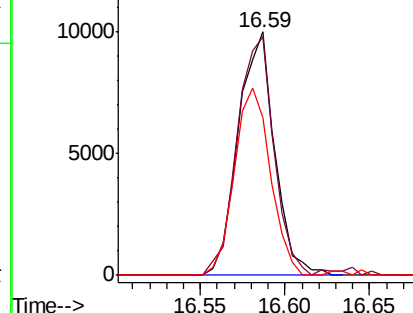


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 4.816 ng
RT: 16.70 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

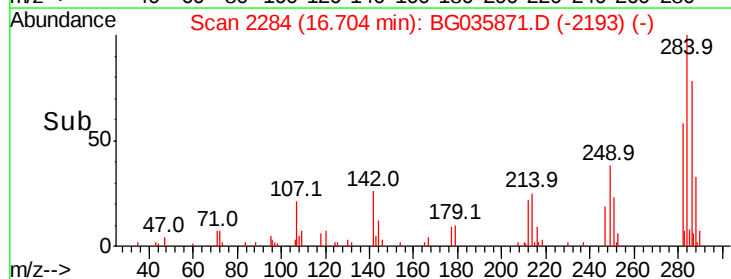
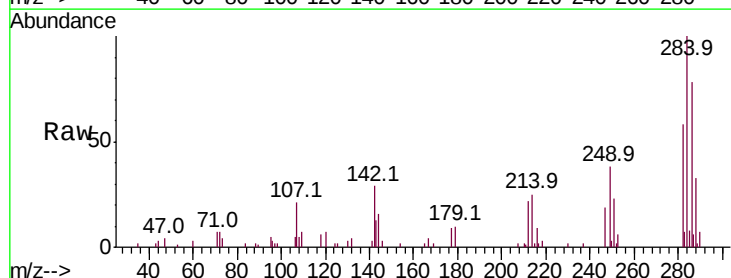
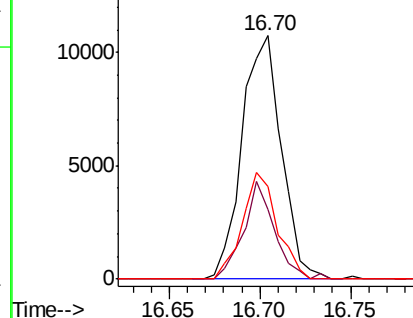
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	26.8	40.2
249	37.8	26.3	39.5

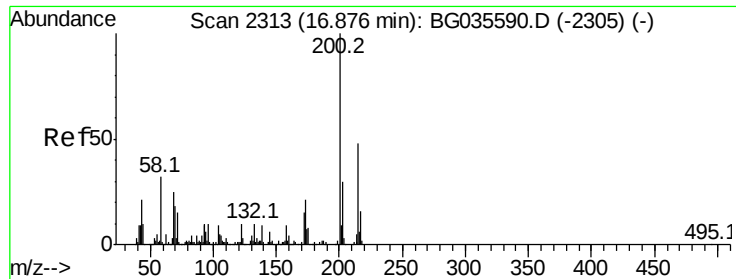
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





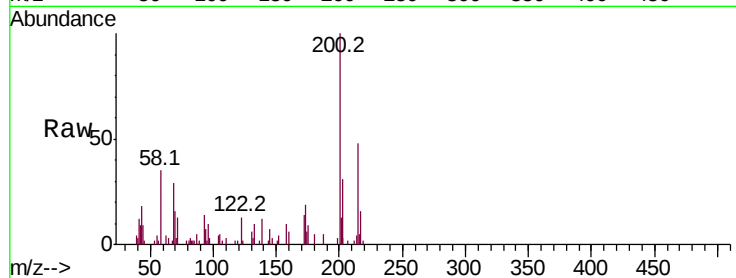
#68
Atrazine
Concen: 4.930 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

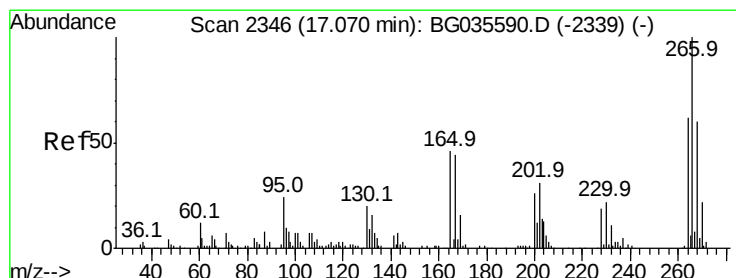
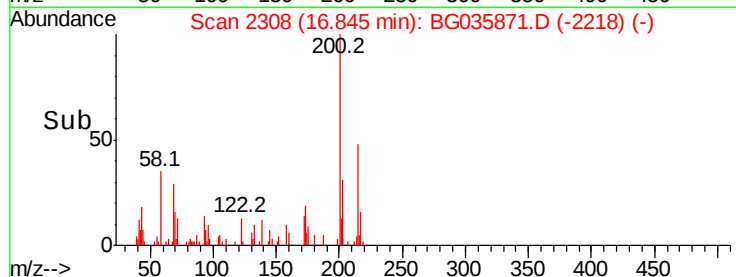
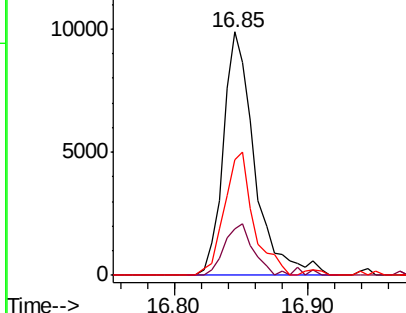
Tot Ion	Ratio	Lower	Upper
200	100		
173	19.2	5.2	45.2
215	47.7	30.4	70.4

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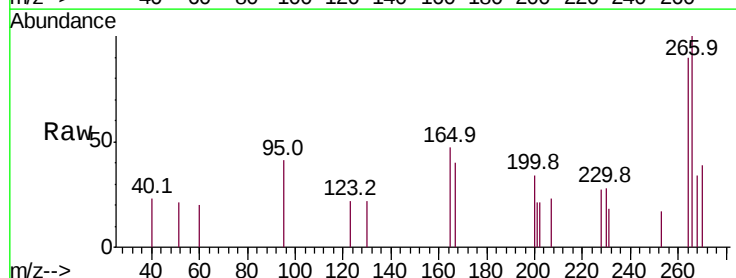


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

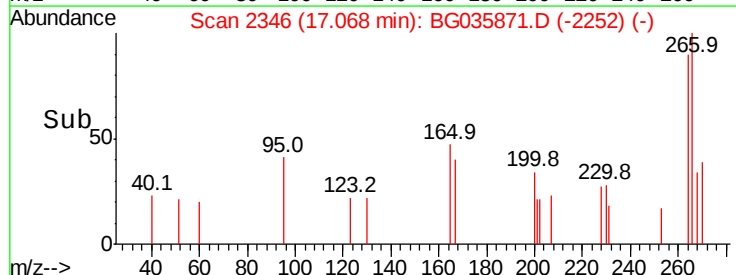
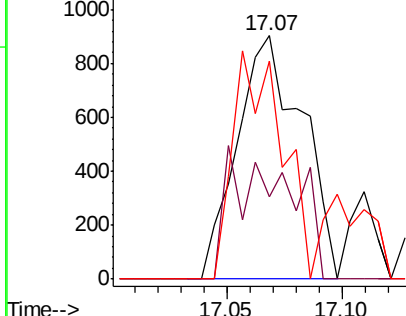


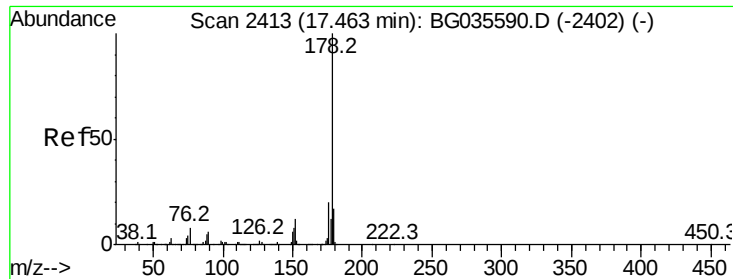
#69
Pentachlorophenol
Concen: 0.868 ng
RT: 17.07 min Scan# 2346
Delta R.T. 0.02 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	33.7	51.1	76.7#
264	89.6	49.6	74.4#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





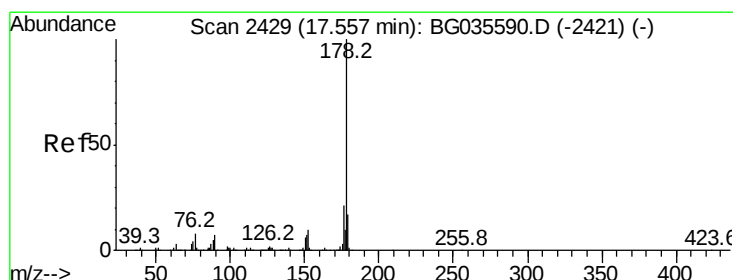
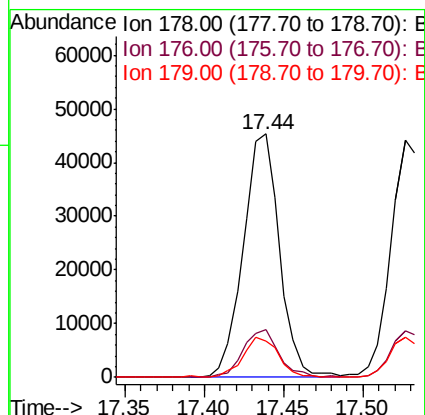
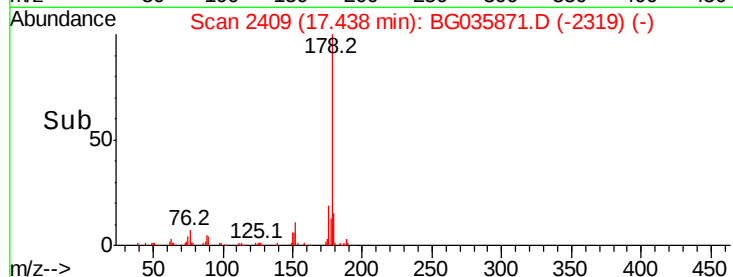
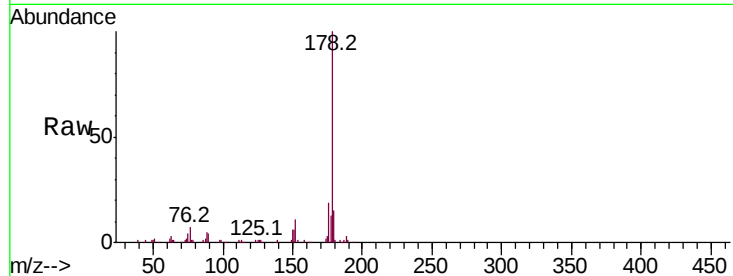
#70
Phenanthrene
Concen: 5.112 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	14.9	12.5	18.7

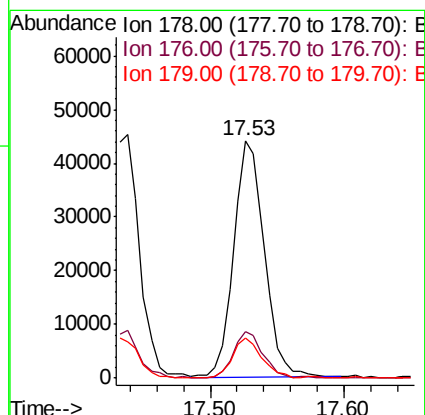
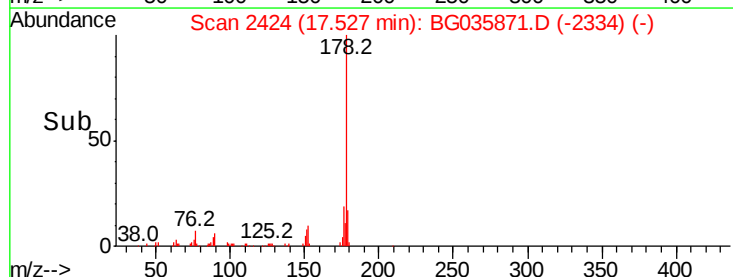
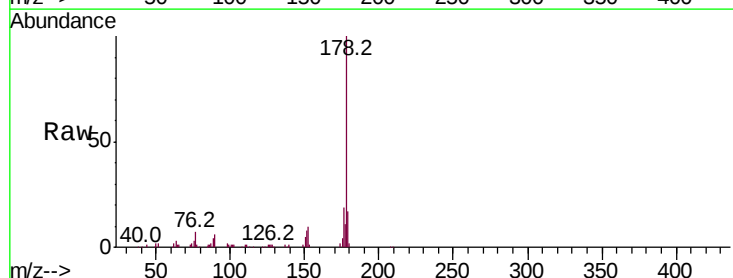
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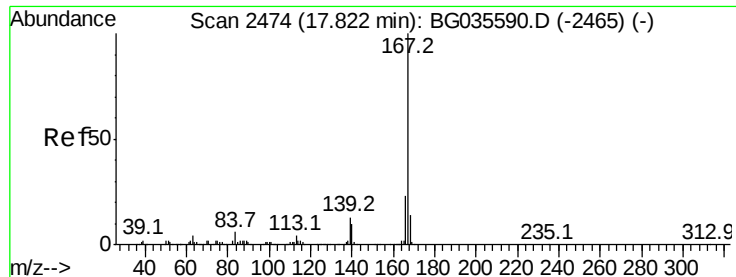
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#71
Anthracene
Concen: 5.024 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.8	12.5	18.7





#72

Carbazole

Concen: 4.506 ng

RT: 17.81 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

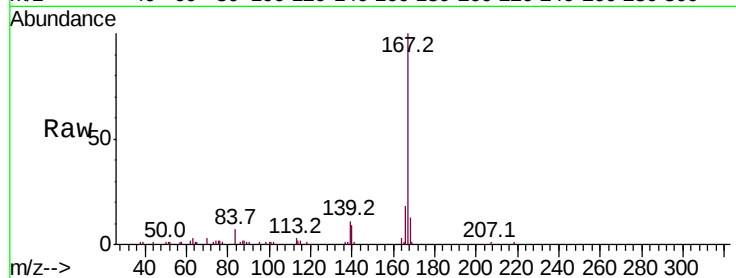
ClientSampleId :

MDL-WATER-03-QT3-2018

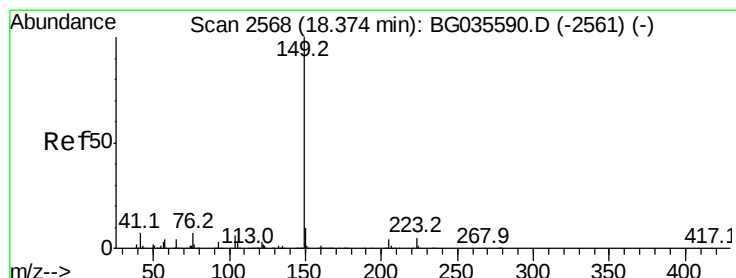
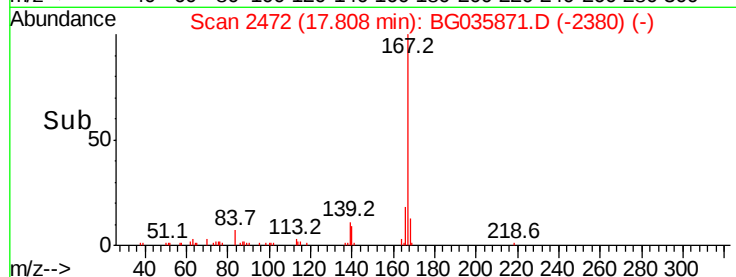
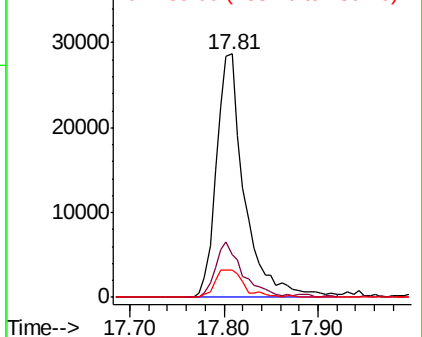
Tot Ion:	167	Resp:	59722
Ion Ratio	Lower	Upper	
167	100		
166	17.7	18.2	27.4#
139	11.0	9.4	14.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 4.631 ng

RT: 18.35 min Scan# 2564

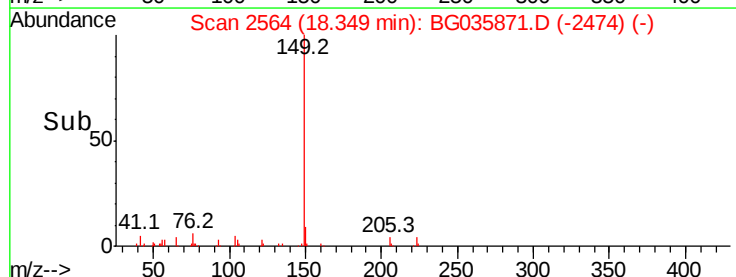
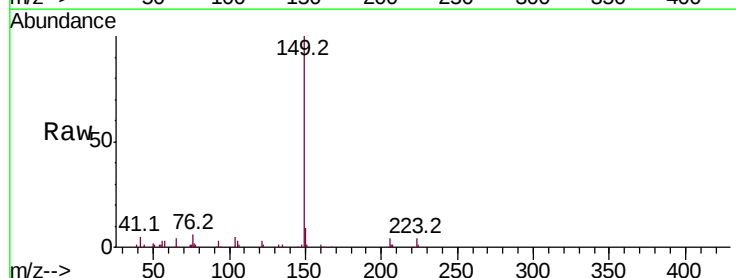
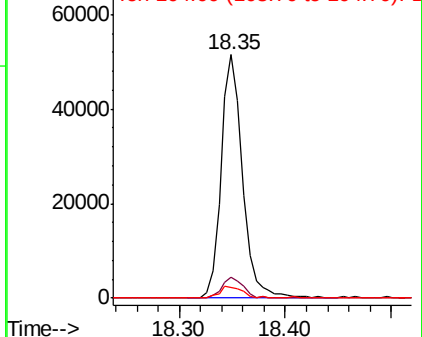
Delta R.T. -0.00 min

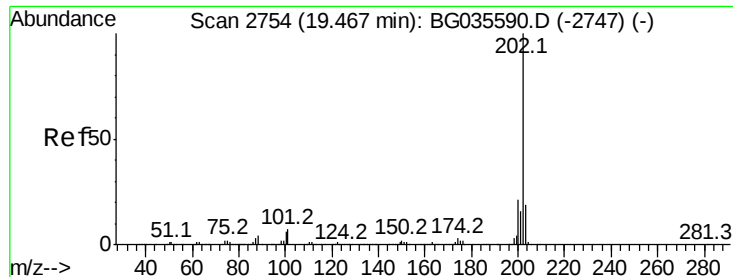
Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	149	Resp:	72531
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.6	3.9	5.9

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 5.019 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

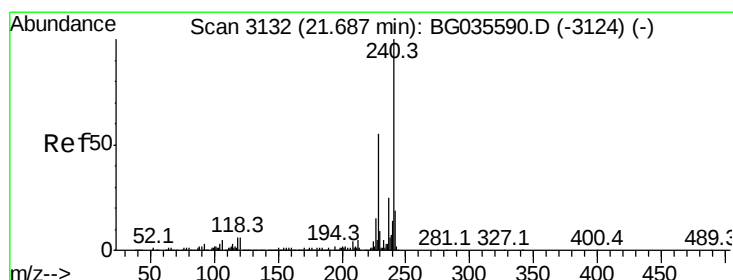
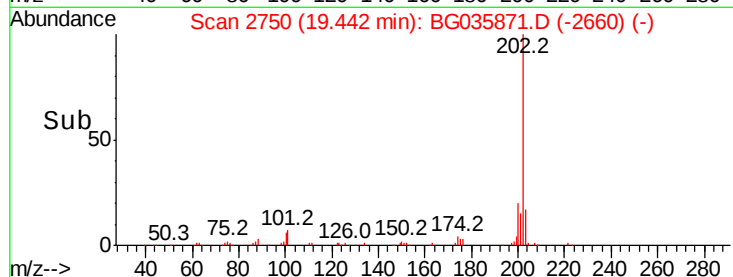
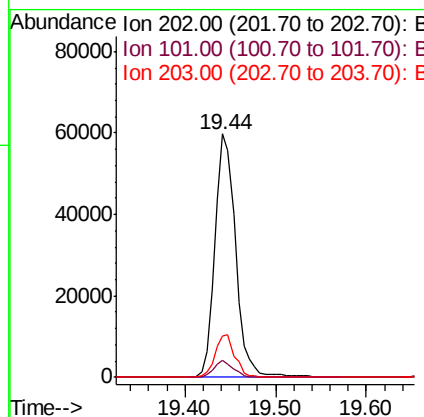
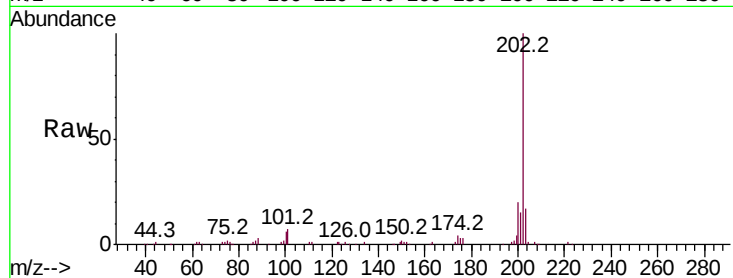
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	202	Resp:	94761
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	28.9
203	16.8	0.0	37.5

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Sohil
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#75

Chrysene-d12

Concen: 20.000 ng

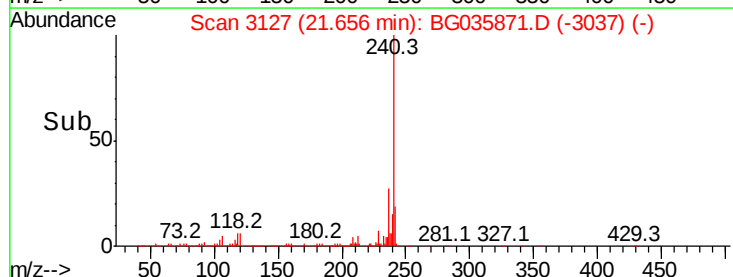
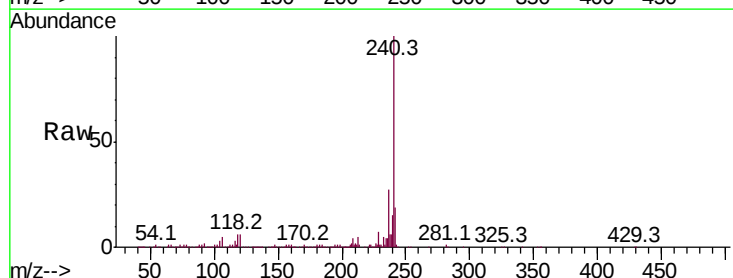
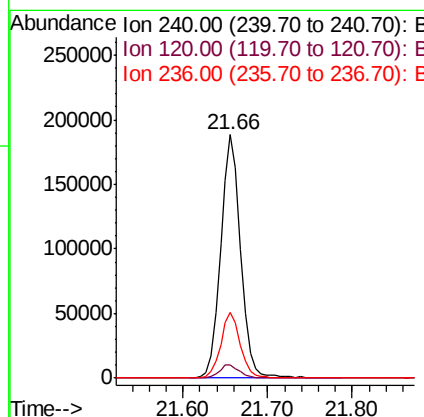
RT: 21.66 min Scan# 3127

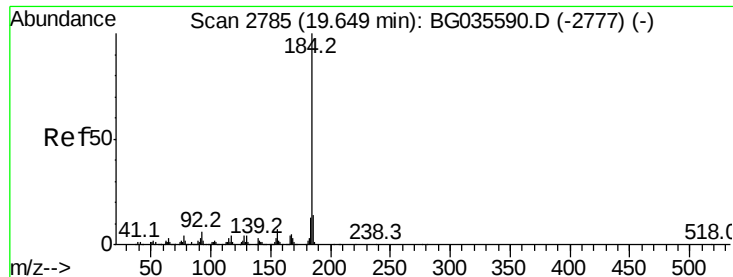
Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	240	Resp:	308761
Ion Ratio	Lower	Upper	
240	100		
120	5.6	6.8	10.2#
236	26.9	20.9	31.3





#76

Benzidine

Concen: 1.663 ng

RT: 19.64 min Scan# 2783

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

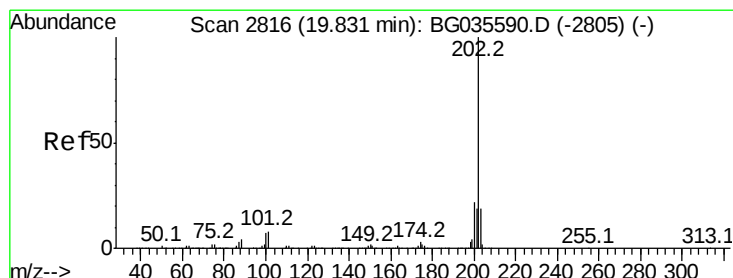
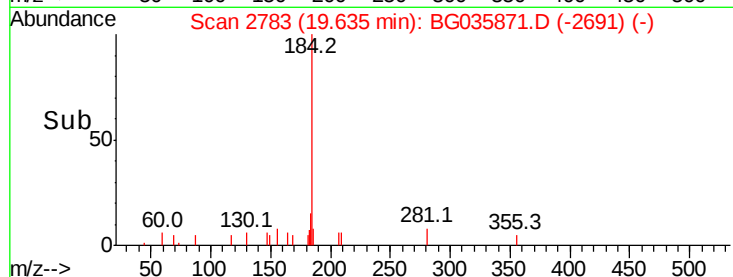
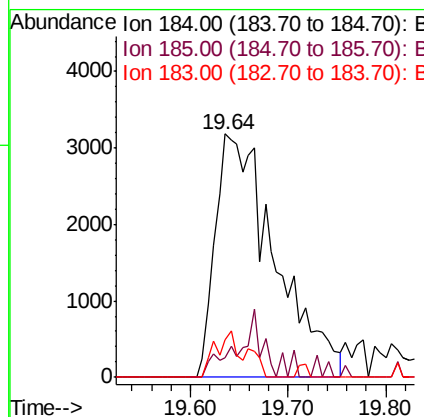
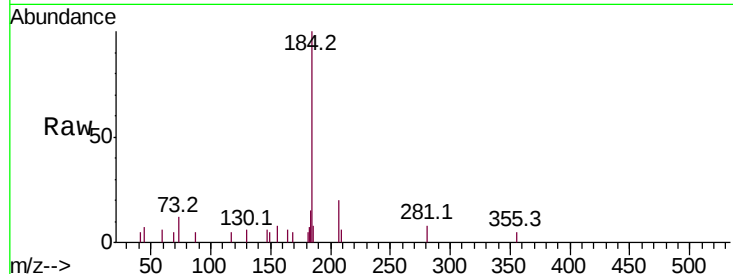
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
184	100		
185	8.0	11.1	16.7#
183	15.3	10.6	16.0

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#77

Pyrene

Concen: 4.955 ng

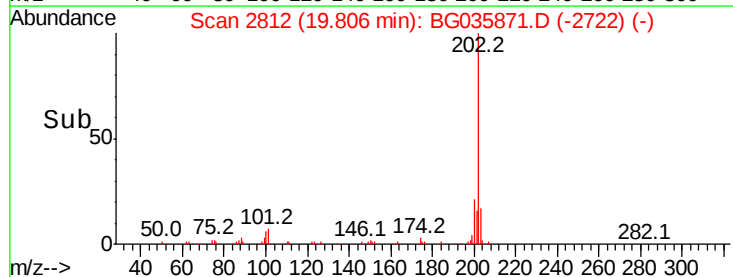
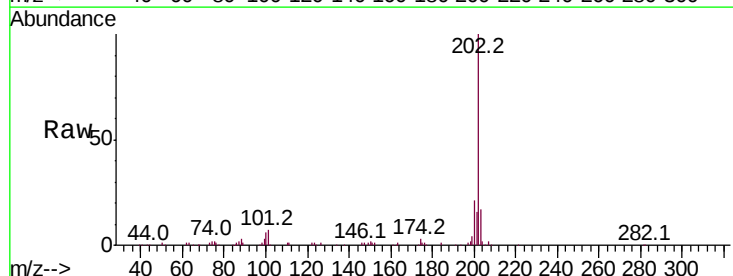
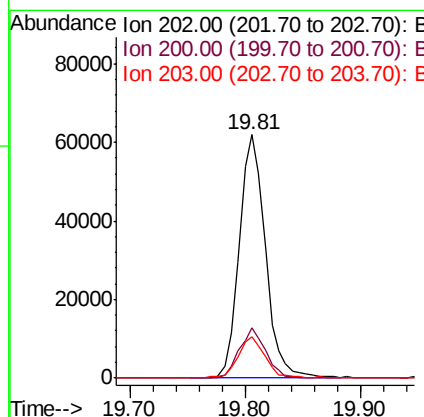
RT: 19.81 min Scan# 2812

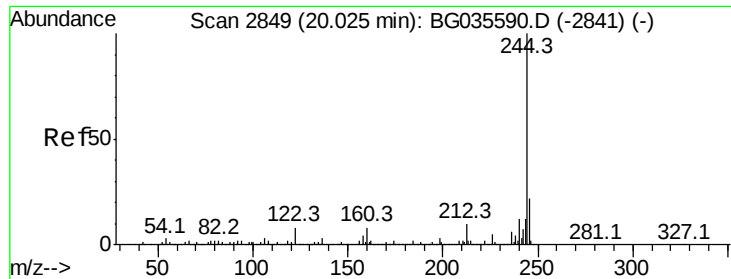
Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.2	13.9	20.9





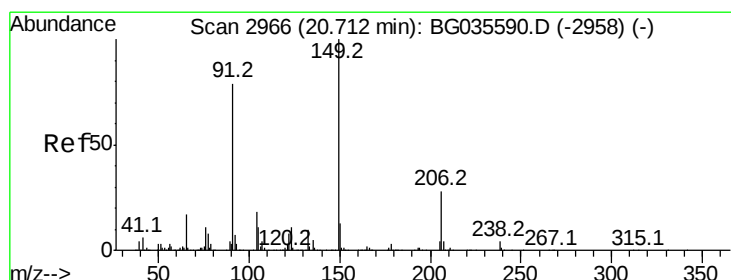
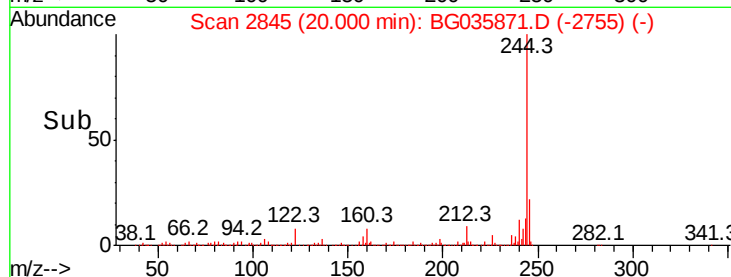
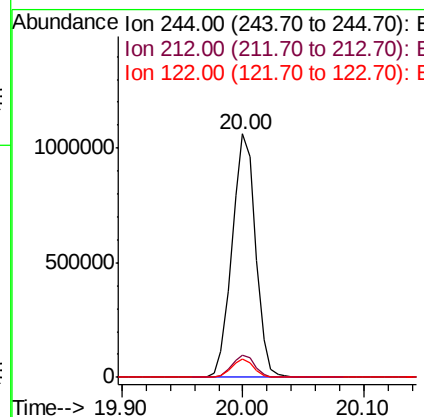
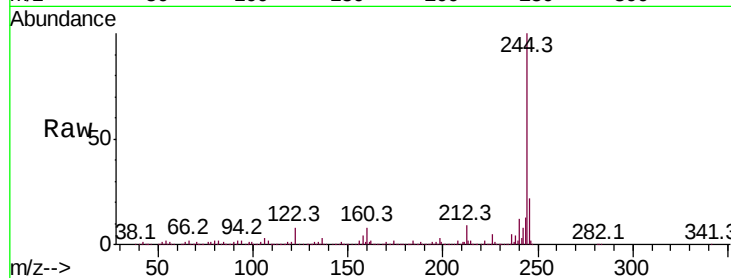
#78
 Terphenyl-d14
 Concen: 102.726 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	7.6	7.0	10.4

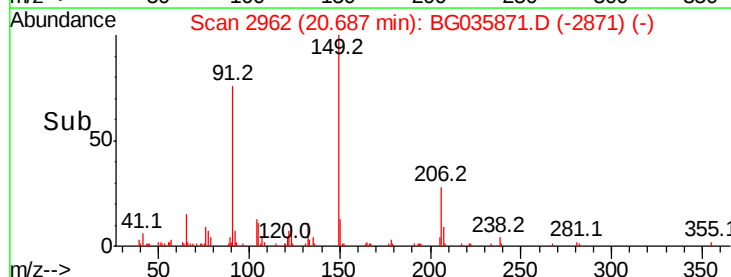
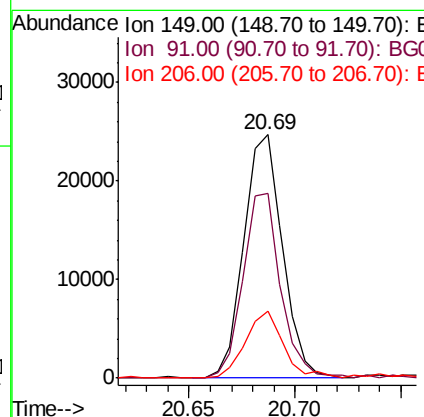
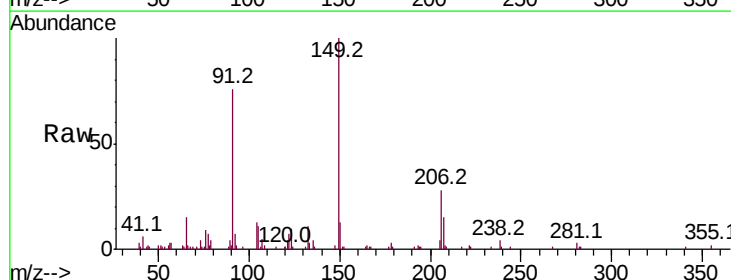
Manual Integrations
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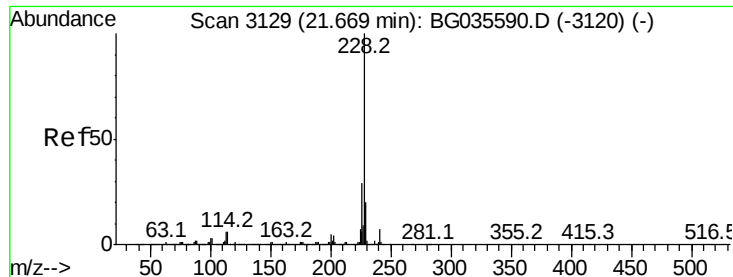
Sohil
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#79
 Butylbenzylphthalate
 Concen: 4.508 ng
 RT: 20.69 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.2	93.2
206	27.6	18.6	27.8





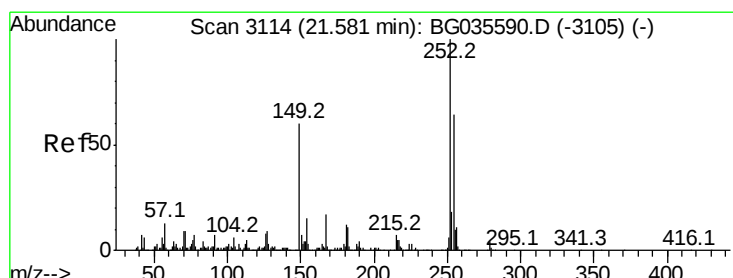
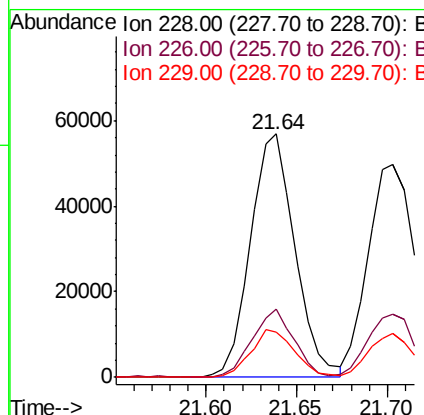
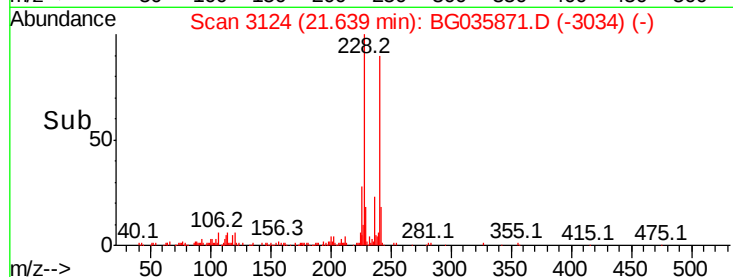
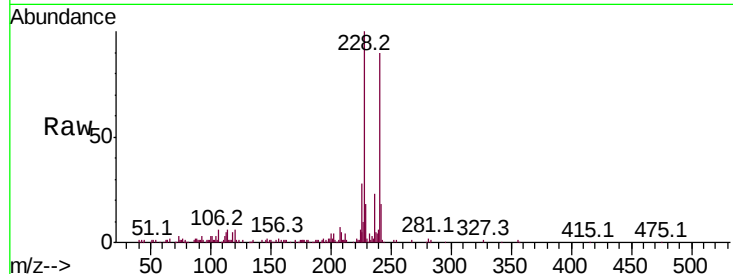
#80
Benzo(a)anthracene
Concen: 5.048 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:	228	Resp:	97121
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.7	34.1
229	18.5	16.2	24.2

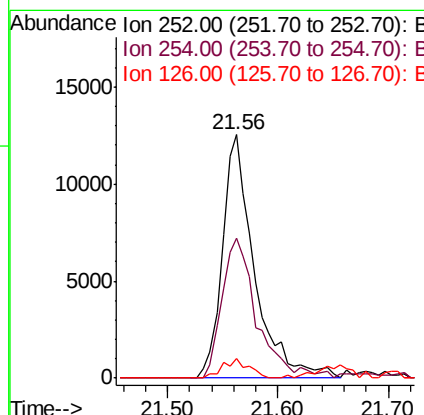
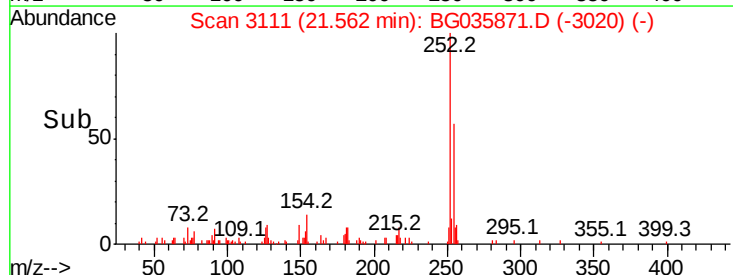
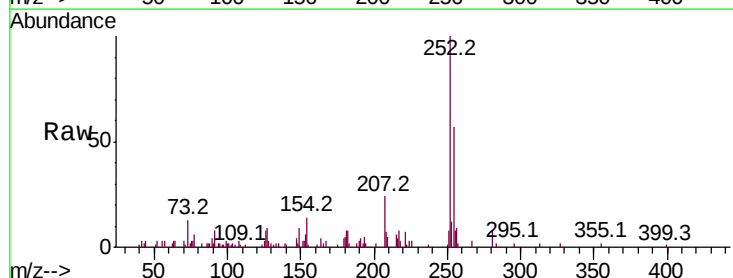
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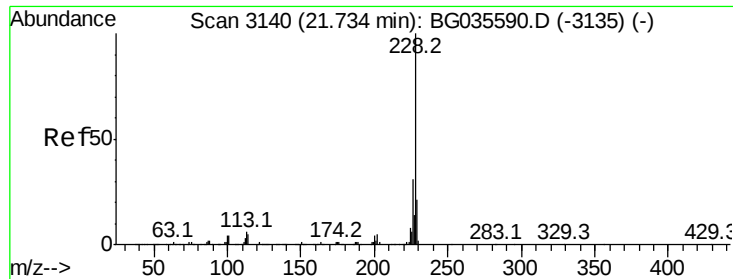
Sohil
7/26/2018 4:59:27 PM



#81
3,3'-Dichlorobenzidine
Concen: 3.770 ng
RT: 21.56 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:	252	Resp:	25295
Ion Ratio	Lower	Upper	
252	100		
254	57.4	50.8	76.2
126	7.8	7.4	11.2





#82

Chrysene

Concen: 5.061 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

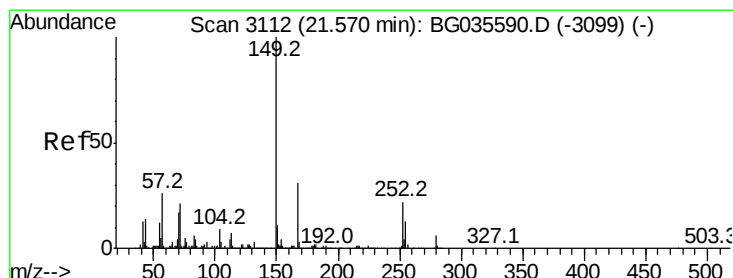
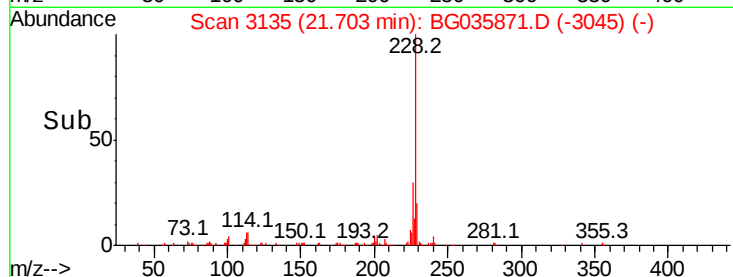
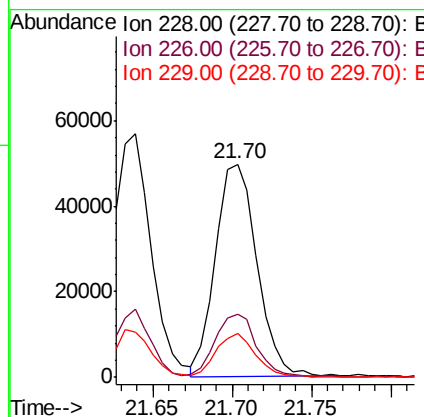
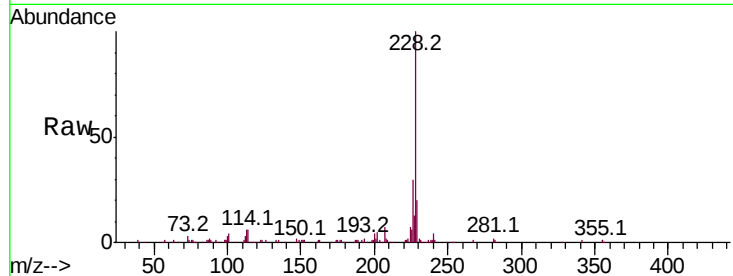
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	228	Resp:	90235
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	20.4	15.0	22.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 4.786 ng

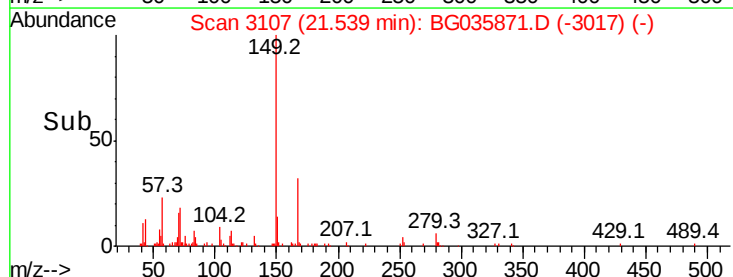
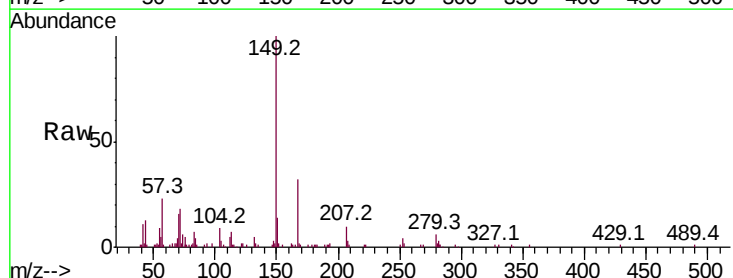
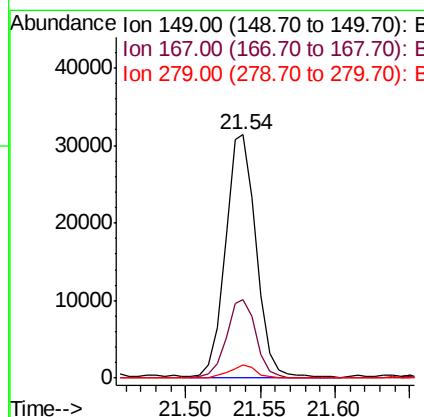
RT: 21.54 min Scan# 3107

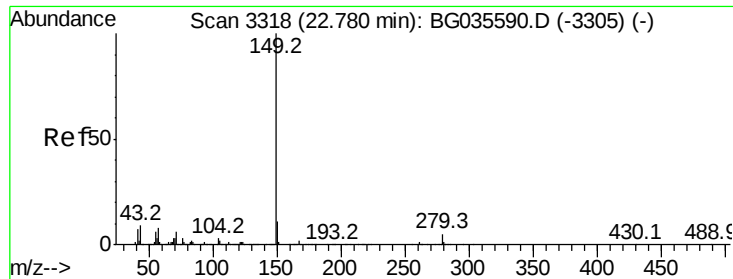
Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	149	Resp:	45431
Ion Ratio	Lower	Upper	
149	100		
167	32.1	24.3	36.5
279	5.6	4.0	6.0





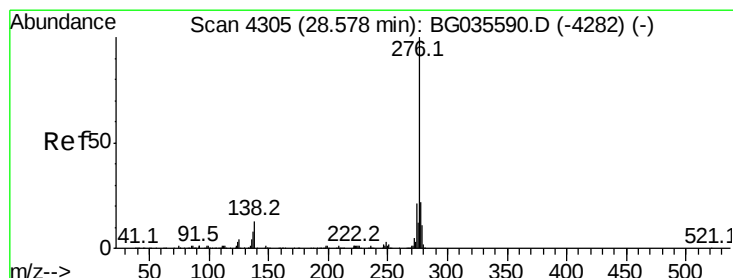
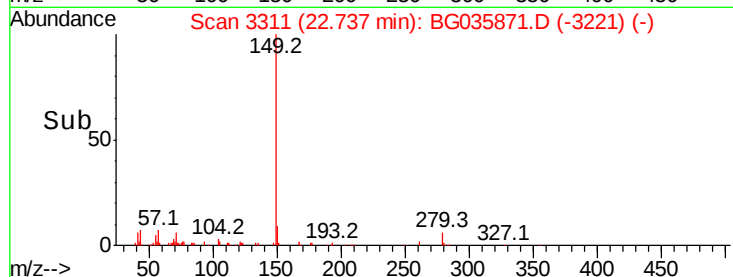
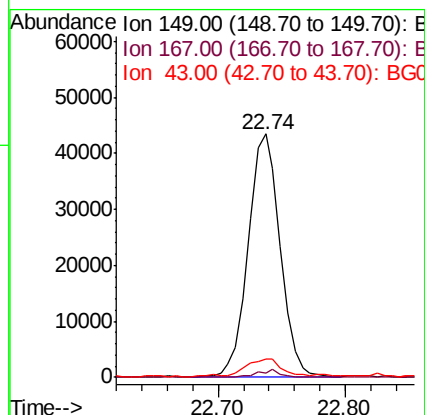
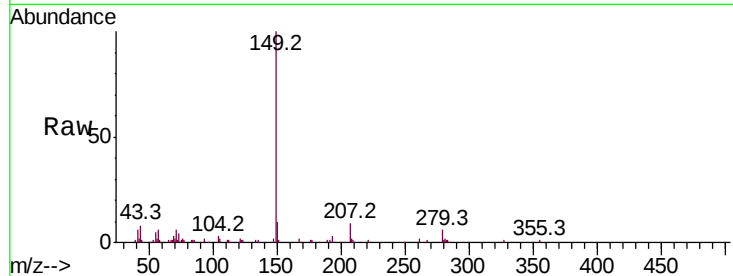
#84
Di-n-octyl phthalate
Concen: 4.798 ng
RT: 22.74 min Scan# 3311
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.4	2.0#
43	10.3	8.9	13.3

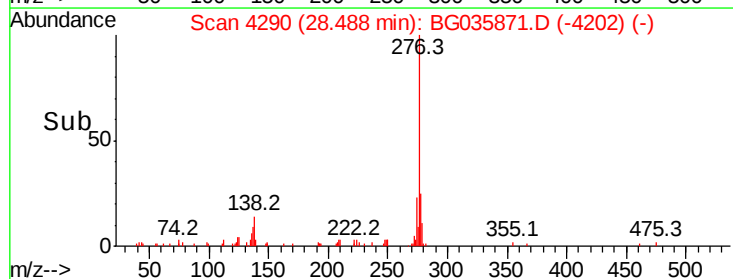
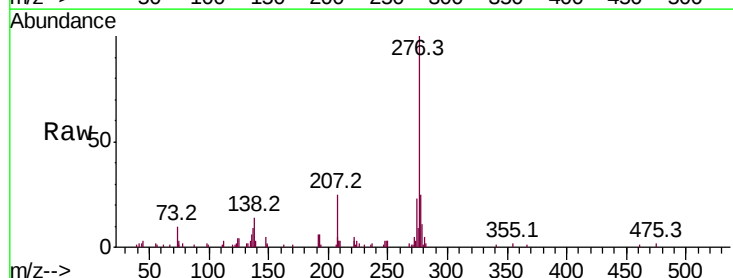
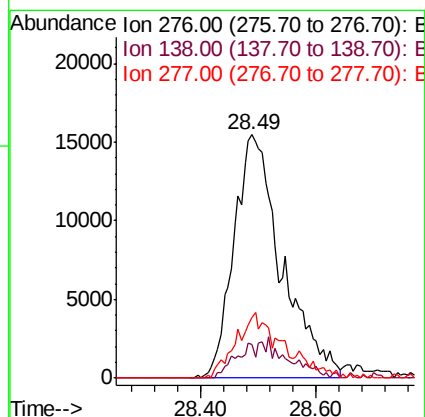
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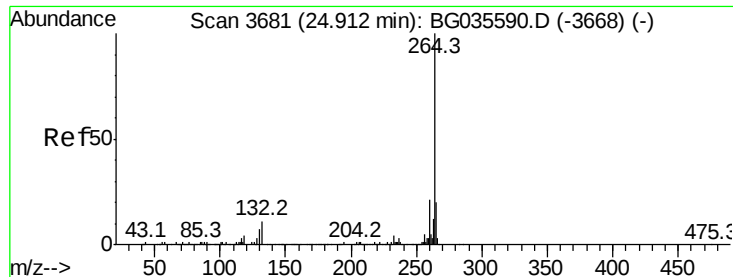
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.504 ng
RT: 28.49 min Scan# 4290
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.9	16.0	24.0#
277	19.5	20.0	30.0#





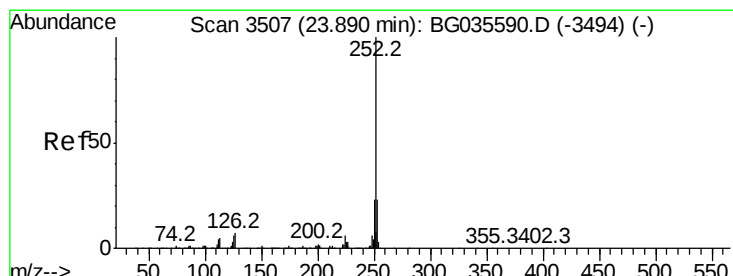
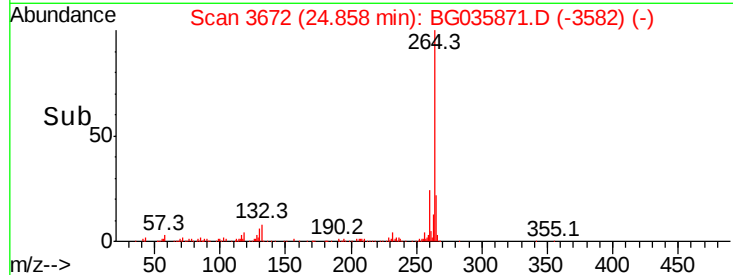
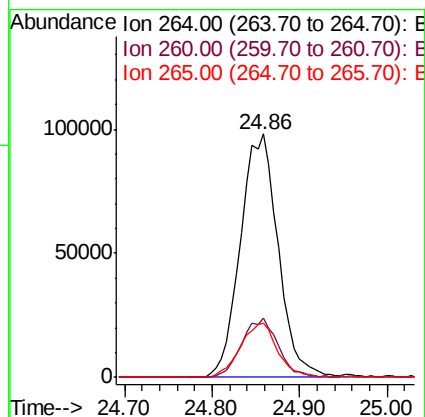
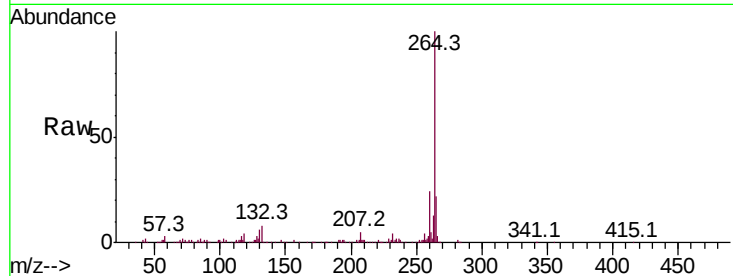
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.4	17.7	26.5

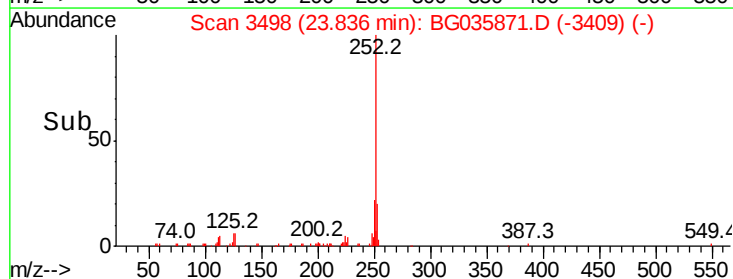
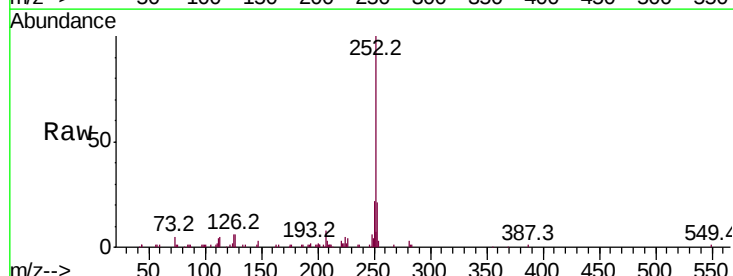
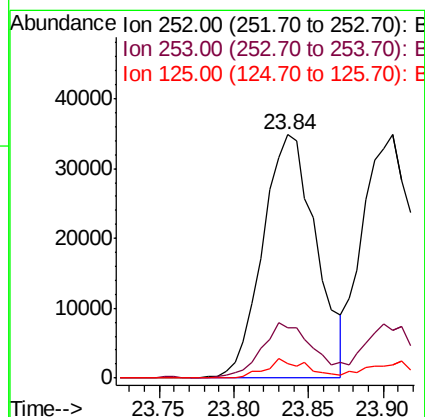
Manual Integrations
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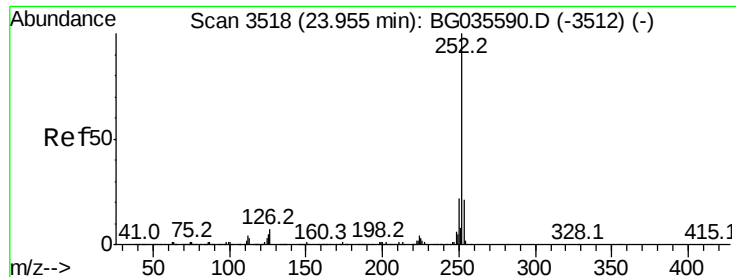
Sohil
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#87
Benzo(b)fluoranthene
Concen: 4.963 ng
RT: 23.84 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.4
125	5.8	7.2	10.8#





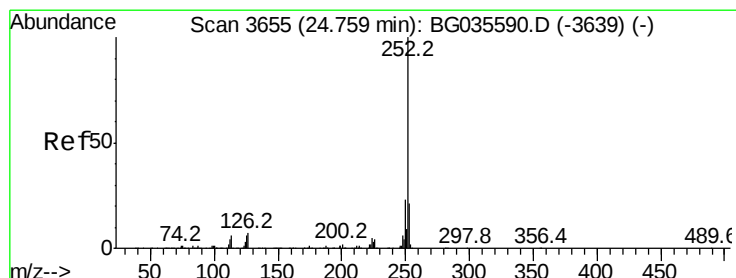
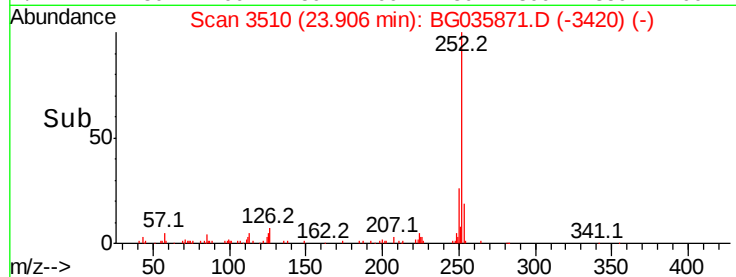
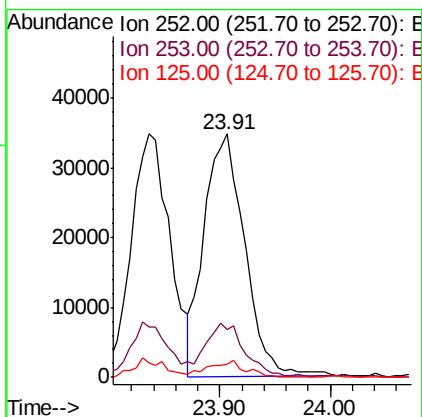
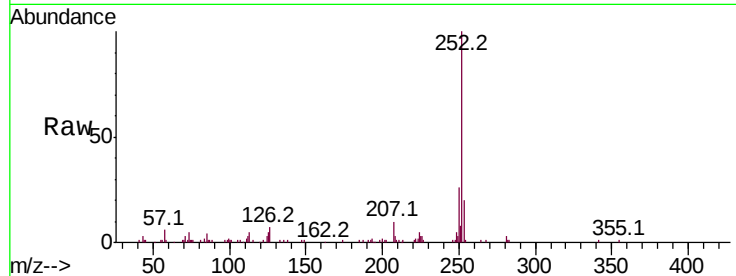
#88
Benzo(k)fluoranthene
Concen: 5.168 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.4	26.2
125	5.4	6.6	9.8

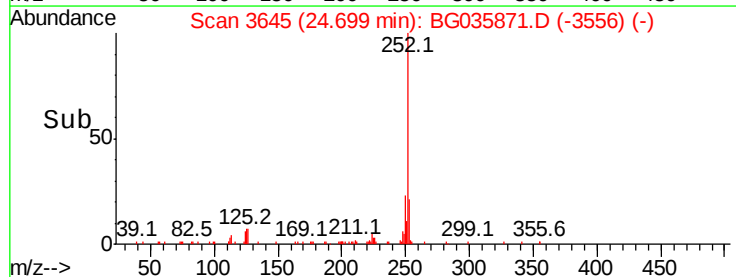
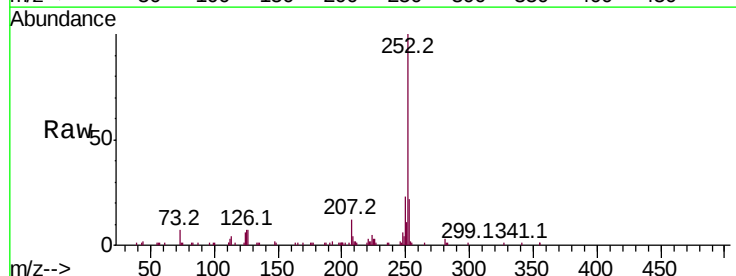
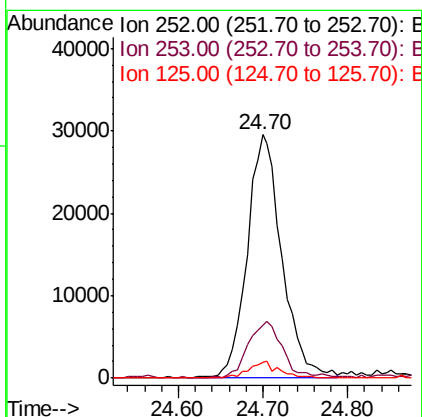
Manual Integrations
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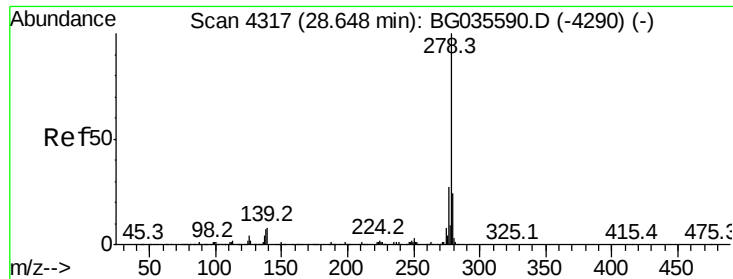
Sohil
7/26/2018 4:59:27 PM



#89
Benzo(a)pyrene
Concen: 5.202 ng
RT: 24.70 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	6.5	7.3	10.9





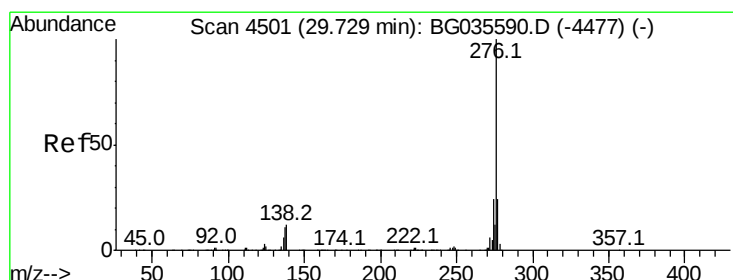
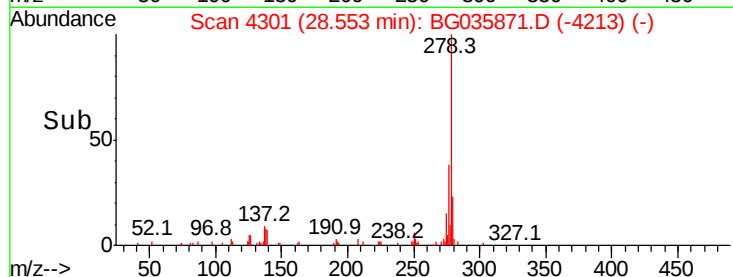
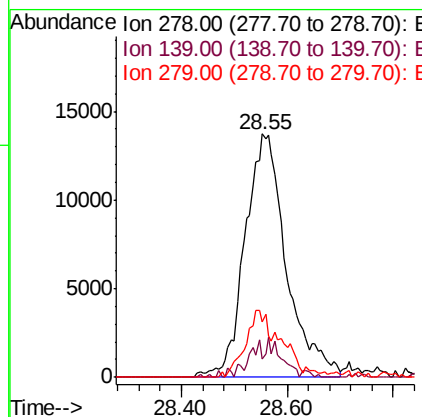
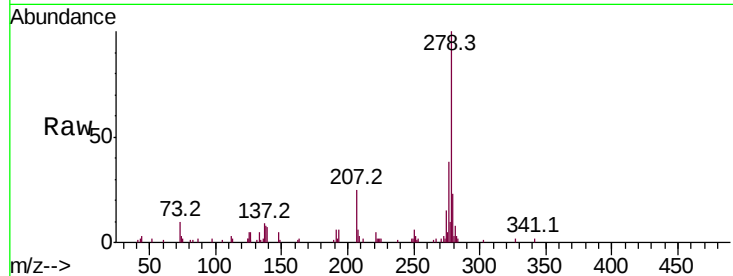
#90
Dibenzo(a,h)anthracene
Concen: 4.678 ng
RT: 28.55 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.3	9.8	14.6#
279	22.5	18.4	27.6

Manual Integrations
APPROVED

Sohil
7/26/2018 4:59:27 PM



#91
Benzo(g,h,i)perylene
Concen: 5.063 ng
RT: 29.62 min Scan# 4483
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.3	27.5
138	12.7	13.9	20.9#

