

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035852.D
 Acq On : 24 Jul 2018 17:59
 Operator : JU/SJ
 Sample : J3762-07
 Misc : LOD 1PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Manual Integrations
 APPROVED

Sohil
 7/25/2018 6:34:57 PM

Quant Time: Jul 25 17:29:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34132	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	118994	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	84386	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	239864	20.00	ng	0.00
75) Chrysene-d12	21.66	240	297543	20.00	ng	0.00
86) Perylene-d12	24.86	264	271682	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	244342	118.85	ng	0.00
7) Phenol-d6	7.19	99	351633	114.64	ng	0.00
23) Nitrobenzene-d5	9.18	82	239849	84.20	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	156054	140.30	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	576387	91.51	ng	0.00
78) Terphenyl-d14	20.00	244	1349744	99.99	ng	0.00

Target Compounds					Qvalue	
6) Aniline	7.35	93	2063	0.519	ng	# 83
8) 2-Chlorophenol	7.59	128	2153	1.030	ng	# 87
9) Benzaldehyde	7.18	77	1907	1.013	ng	# 81
10) Phenol	7.22	94	2839	0.916	ng	# 1
11) bis(2-Chloroethyl)ether	7.45	93	1762	0.726	ng	# 67
12) 1,3-Dichlorobenzene	7.92	146	2340	0.927	ng	# 77
13) 1,4-Dichlorobenzene	8.07	146	2224	0.867	ng	# 87
14) 1,2-Dichlorobenzene	8.37	146	2316m	0.940	ng	#
15) Benzyl Alcohol	8.28	79	1333	0.479	ng	# 57
16) 2,2'-oxybis(1-Chloropropan	8.54	45	1933	0.950	ng	# 69
18) Hexachloroethane	9.11	117	671	0.684	ng	# 57
24) Nitrobenzene	9.23	77	2686	0.938	ng	# 93
31) Naphthalene	10.89	128	5838	0.942	ng	# 83
34) Hexachlorobutadiene	11.16	225	2168	1.153	ng	# 86
37) 2-Methylnaphthalene	12.50	142	4077	0.883	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	3146	0.988	ng	# 83
45) 1,1'-Biphenyl	13.48	154	6373	0.974	ng	# 92
46) 2-Chloronaphthalene	13.53	162	4840	0.951	ng	# 87
48) Acenaphthylene	14.38	152	7472	0.877	ng	# 86
49) Dimethylphthalate	14.11	163	6247	0.845	ng	# 79
50) 2,6-Dinitrotoluene	14.24	165	1100	0.731	ng	# 85
51) Acenaphthene	14.71	154	4891	0.921	ng	# 72
54) Dibenzofuran	15.07	168	8679	1.028	ng	# 89
57) Fluorene	15.70	166	7347	1.038	ng	# 89
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1279	0.640	ng	# 63
59) Diethylphthalate	15.46	149	6286	0.827	ng	# 84
62) Azobenzene	15.98	77	6332	0.844	ng	# 92
65) n-Nitrosodiphenylamine	15.91	169	5658	0.829	ng	# 77
66) 4-Bromophenyl-phenylether	16.59	248	1848	0.664	ng	# 64
67) Hexachlorobenzene	16.71	284	3108	1.085	ng	# 72
68) Atrazine	16.86	200	1973	0.702	ng	# 72
70) Phenanthrene	17.44	178	12416	1.037	ng	# 94
71) Anthracene	17.53	178	11867	0.996	ng	# 89
72) Carbazole	17.83	167	8225	0.727	ng	# 95

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Quant Time: Jul 25 17:29:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Di-n-butylphthalate	18.35	149	11153	0.834	nq	# 97
74) Fluoranthene	19.45	202	15263	0.947	nq	97
77) Pyrene	19.81	202	15589	0.829	nq	97
79) Butylbenzylphthalate	20.69	149	5176	0.769	nq	# 84
80) Benzo(a)anthracene	21.64	228	18585	1.002	nq	97
82) Chrysene	21.70	228	17679m	1.029	nq	
83) Bis(2-ethylhexyl)phthalate	21.54	149	7425	0.812	nq	# 95
84) Di-n-octyl phthalate	22.74	149	12189	0.796	nq	# 97
85) Indeno(1,2,3-cd)pyrene	28.55	276	12706m	0.668	nq	
87) Benzo(b)fluoranthene	23.85	252	14167	0.858	nq	96
88) Benzo(k)fluoranthene	23.91	252	15566m	0.964	nq	
89) Benzo(a)pyrene	24.70	252	13185	0.858	nq	# 91
90) Dibenzo(a,h)anthracene	28.62	278	11185m	0.742	nq	
91) Benzo(q,h,i)perylene	29.65	276	12024m	0.815	nq	

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

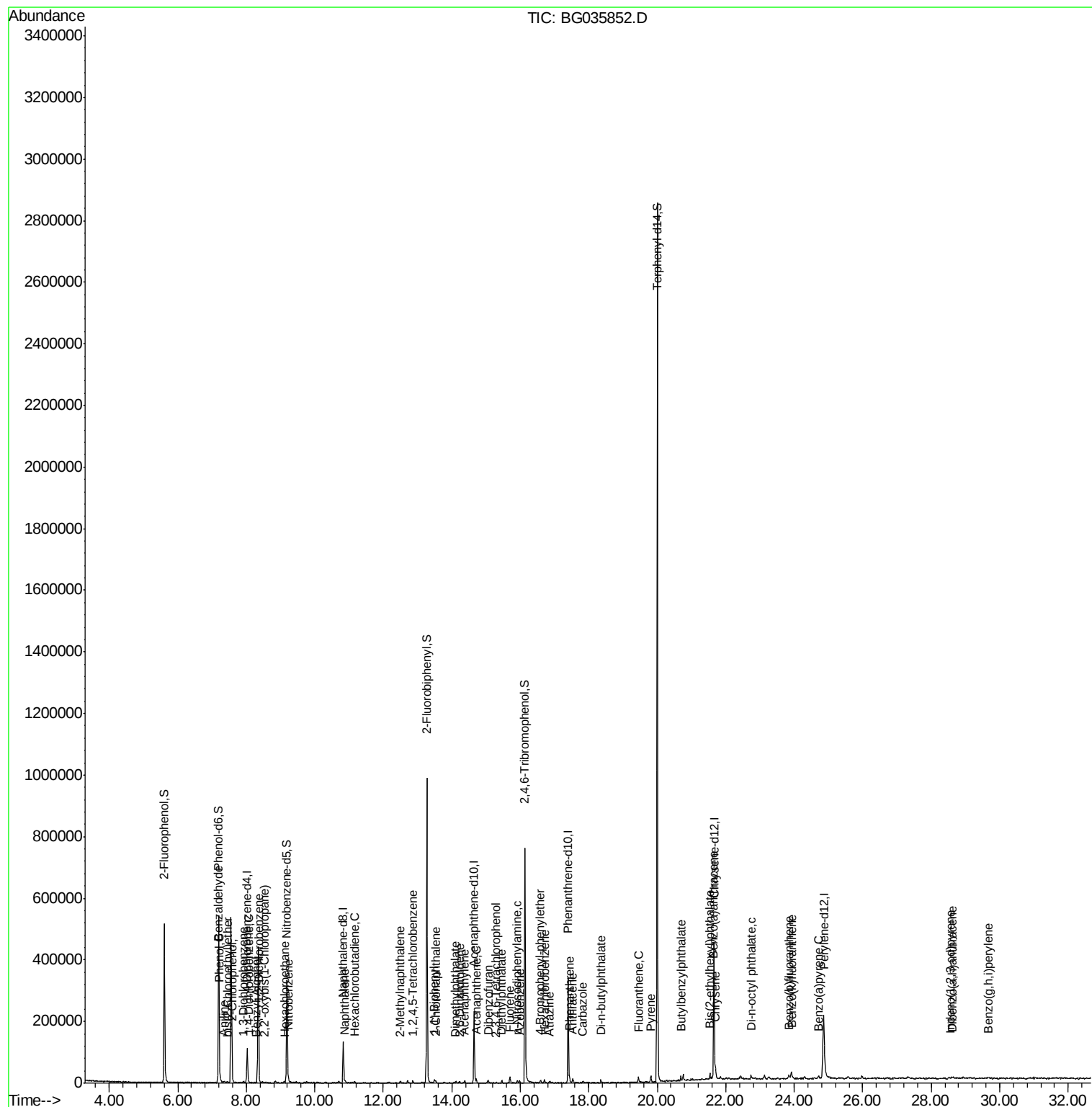
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Data File : BG035852.D
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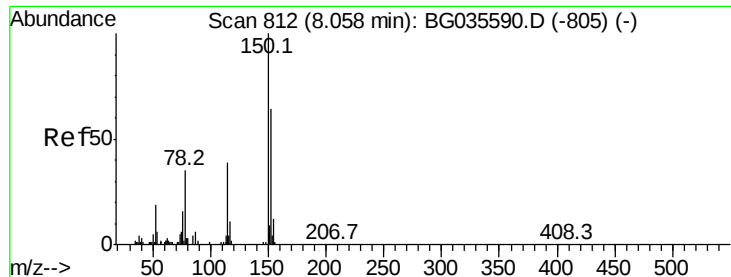
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

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#1

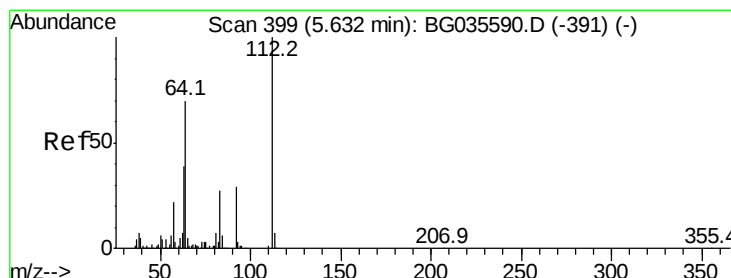
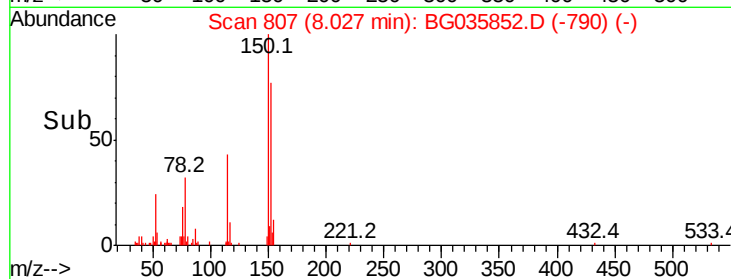
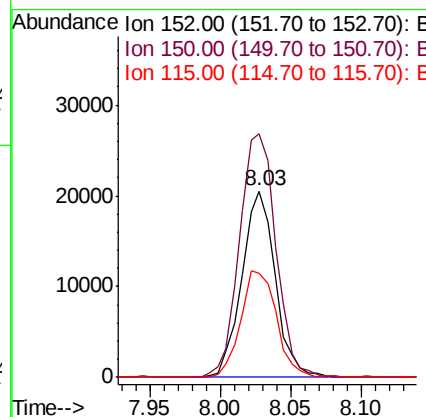
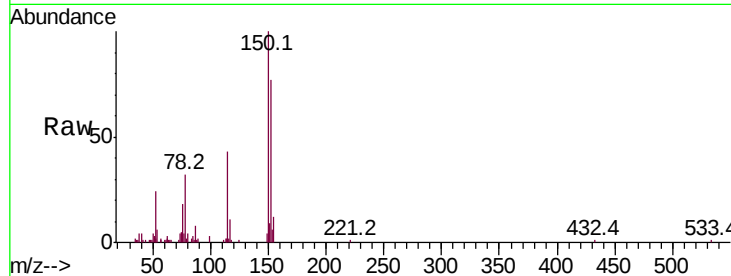
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	130.5	126.6	189.8
115	55.8	53.0	79.4

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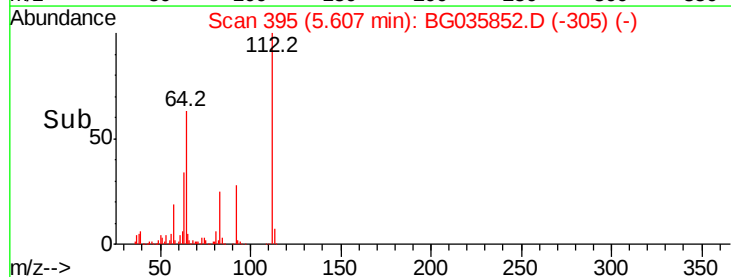
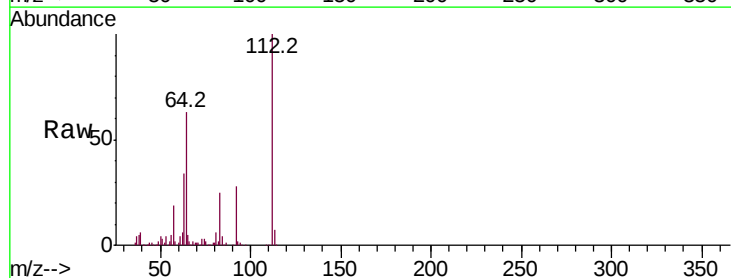
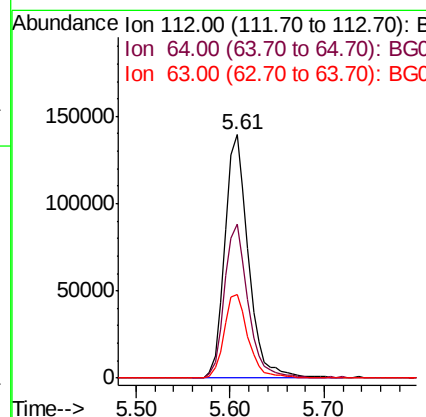
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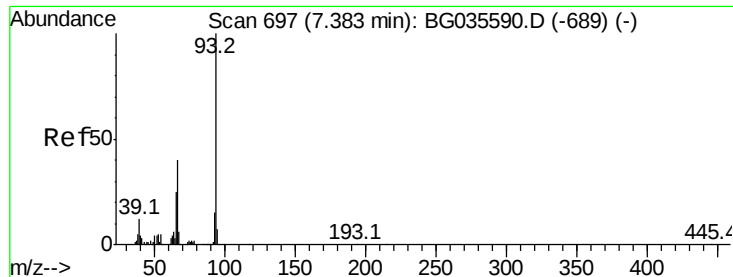


#5

2-Fluorophenol
Concen: 118.852 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	34.3	30.1	45.1





#6

Aniline

Concen: 0.519 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

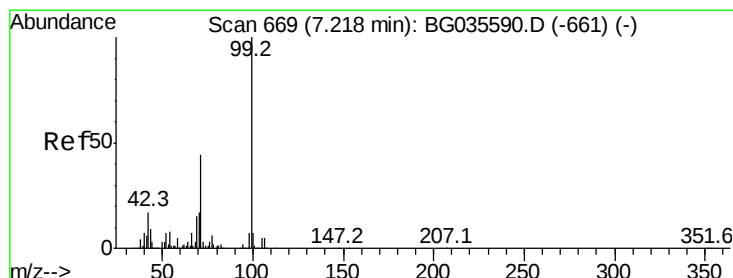
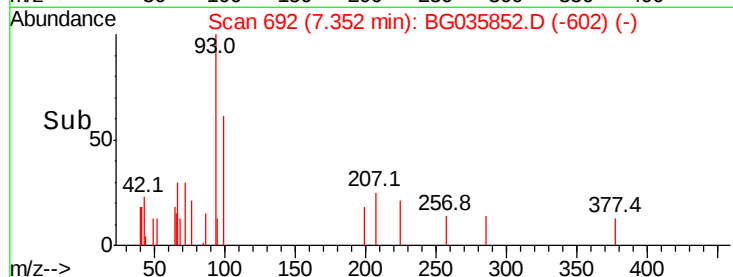
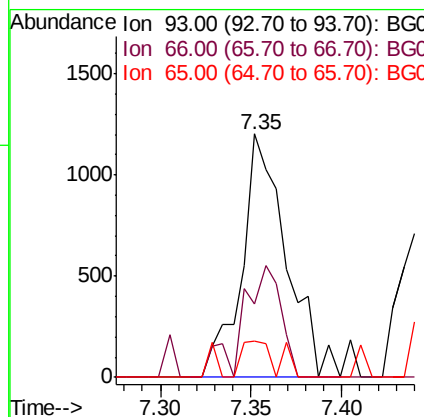
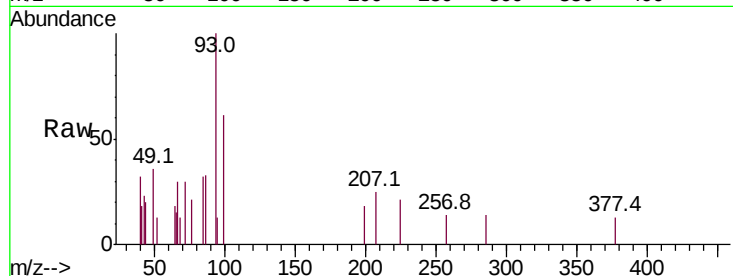
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	93	Resp:	2063
Ion Ratio	Lower	Upper	
93	100		
66	30.0	33.7	50.5#
65	14.7	16.1	24.1#

Manual Integrations
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#7

Phenol-d6

Concen: 114.639 ng

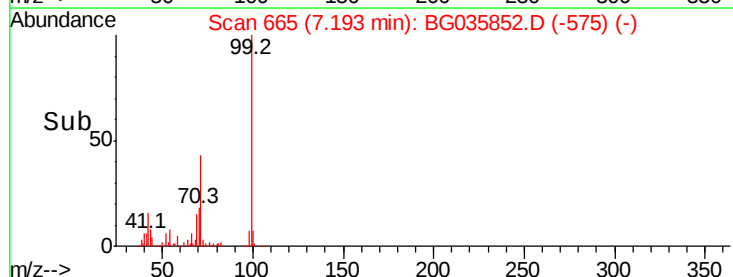
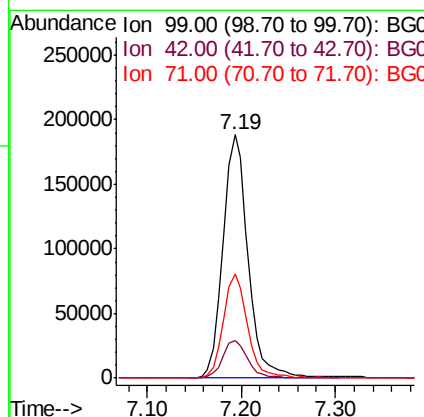
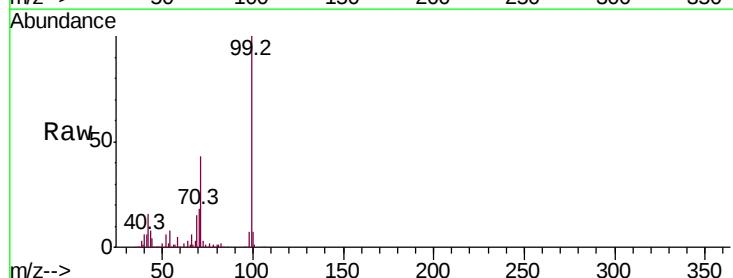
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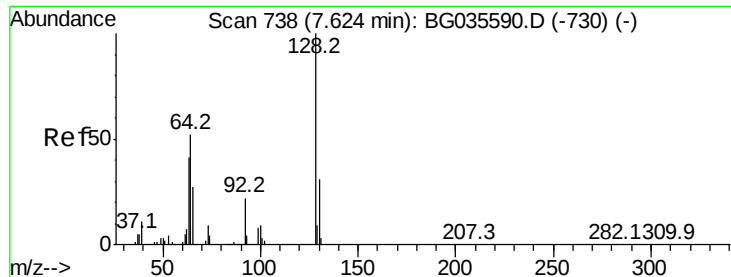
Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	99	Resp:	351633
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.1	21.1
71	42.7	26.1	39.1#





#8

2-Chlorophenol

Concen: 1.030 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

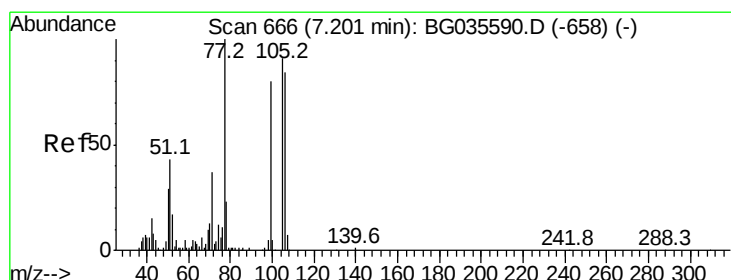
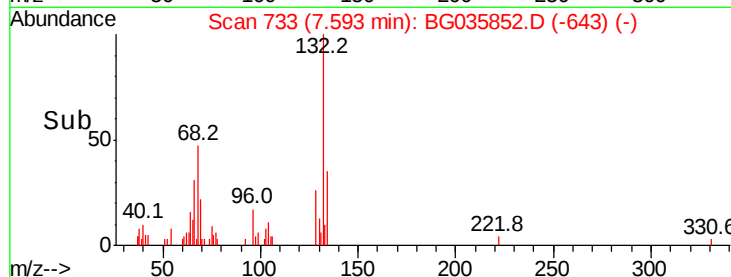
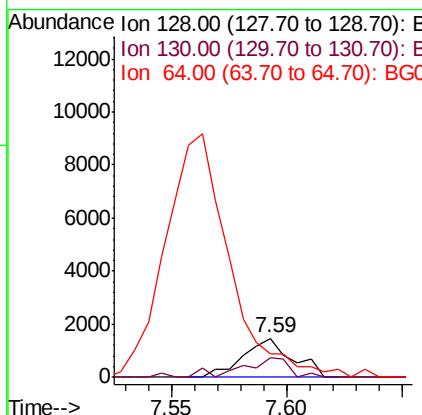
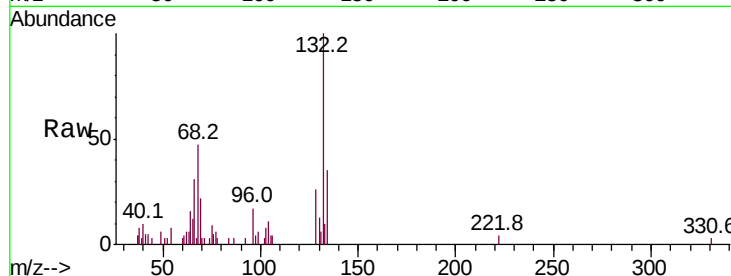
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	128	Resp:	2153
Ion Ratio	Lower	Upper	
128	100		
130	51.2	14.0	54.0
64	60.5	37.7	77.7

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#9

Benzaldehyde

Concen: 1.013 ng

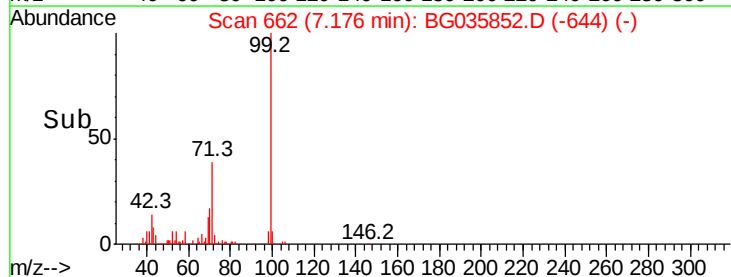
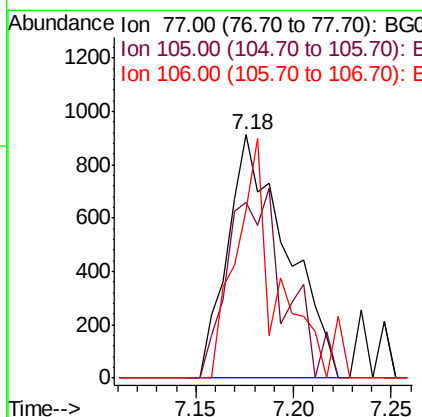
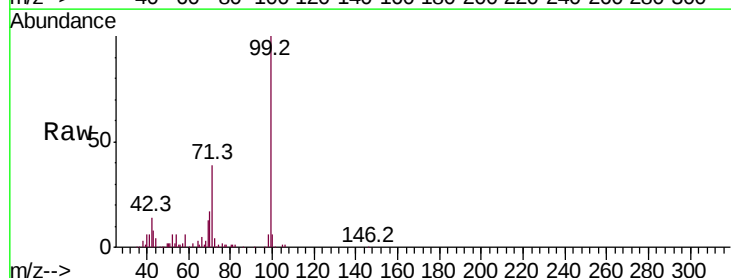
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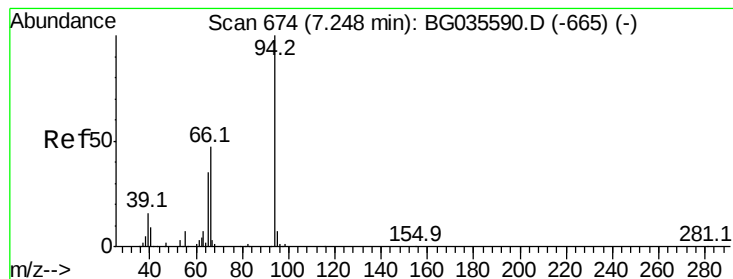
Delta R.T. 0.00 min

Lab File: BG035852.D

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Tgt Ion:	77	Resp:	1907
Ion Ratio	Lower	Upper	
77	100		
105	72.1	71.3	111.3
106	69.0	64.2	104.2





#10

Phenol

Concen: 0.916 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

ClientSampleId :

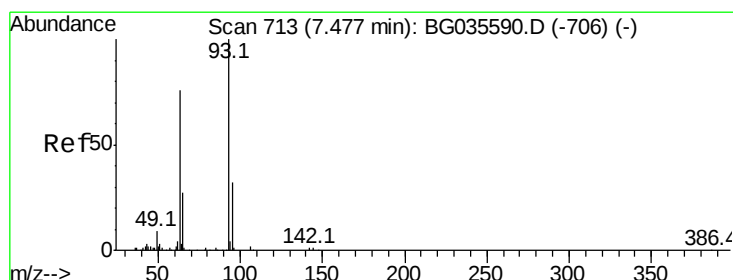
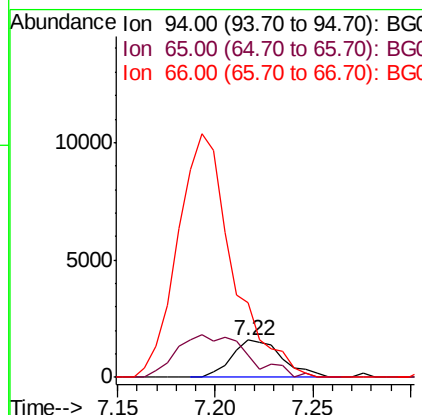
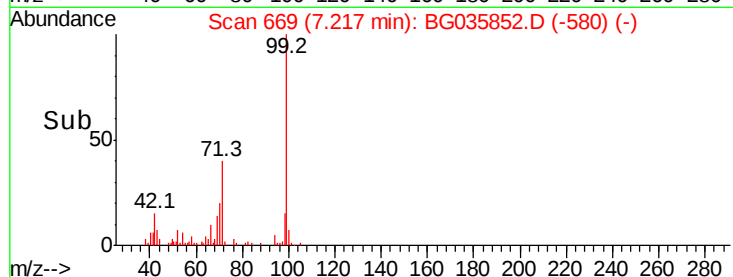
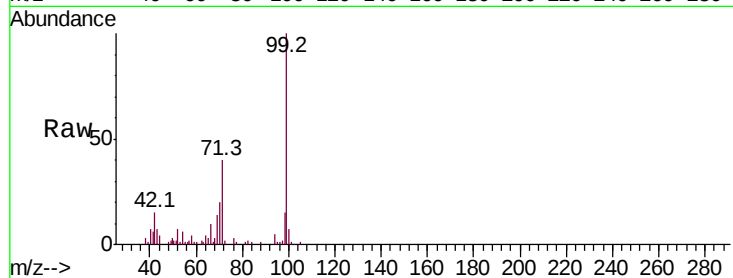
LOD-MDL-WATER-01-QT3-2018

Tot Ion:	94	Resp:	2839
Ion Ratio	Lower	Upper	
94	100		
65	57.6	11.9	51.9#
66	199.1	22.2	62.2#

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 0.726 ng

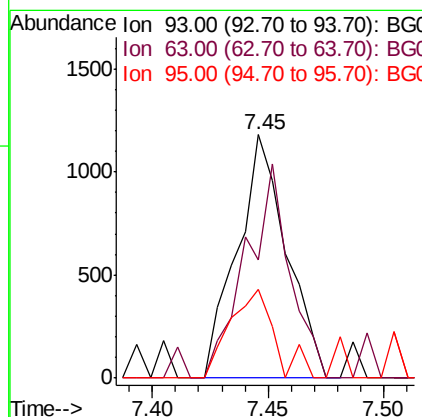
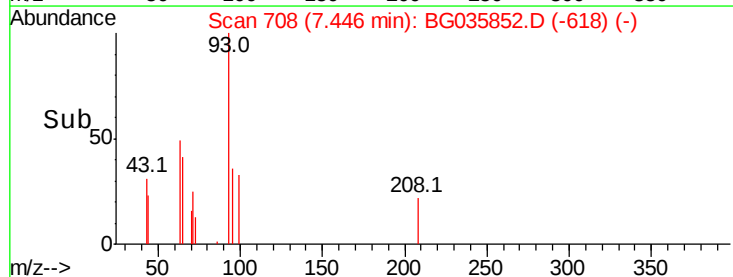
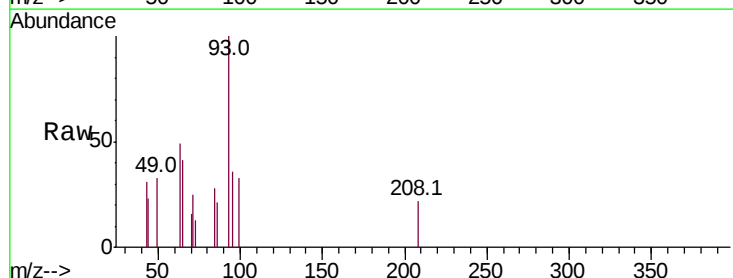
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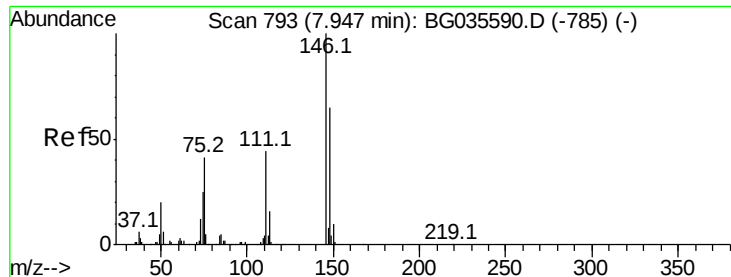
Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	93	Resp:	1762
Ion Ratio	Lower	Upper	
93	100		
63	48.8	67.1	107.1#
95	36.5	11.5	51.5





#12

1,3-Dichlorobenzene

Concen: 0.927 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG035852.D

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ClientSampleId :

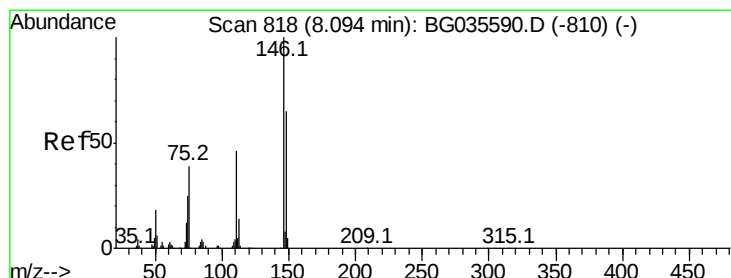
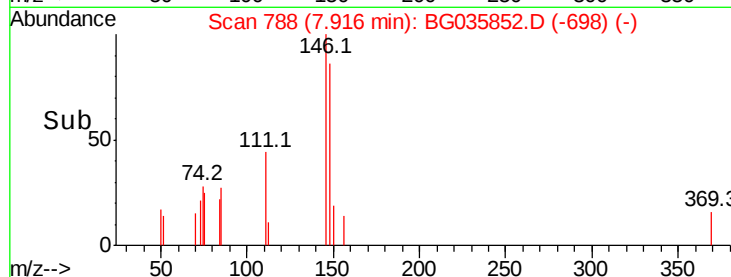
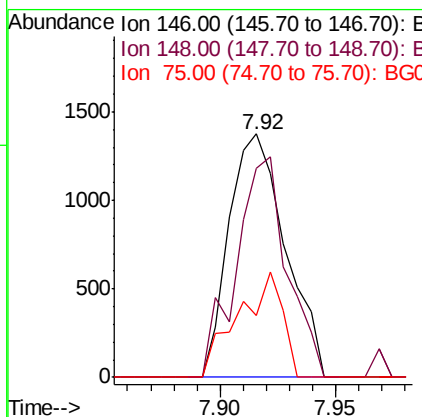
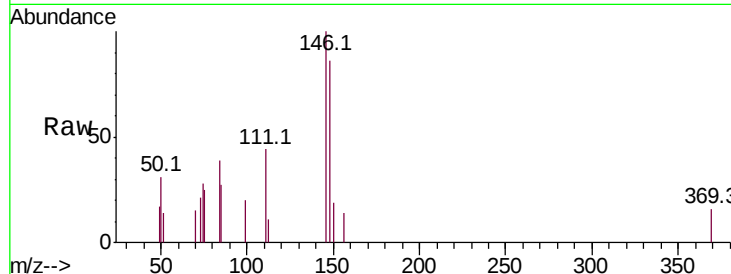
LOD-MDL-WATER-01-QT3-2018

Tot Ion:	146	Resp:	2340
Ion Ratio	Lower	Upper	
146	100		
148	85.7	51.4	77.2#
75	25.3	26.6	39.8#

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#13

1,4-Dichlorobenzene

Concen: 0.867 ng

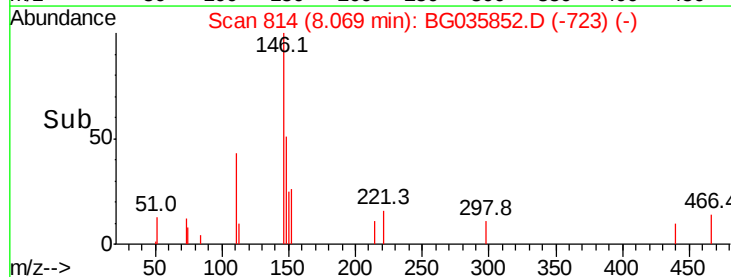
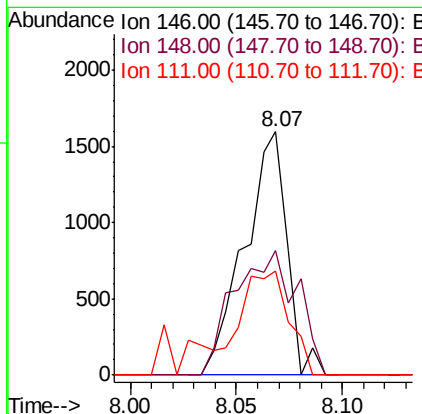
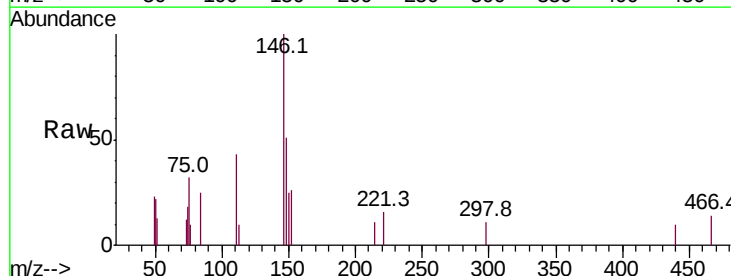
RT: 8.07 min Scan# 814

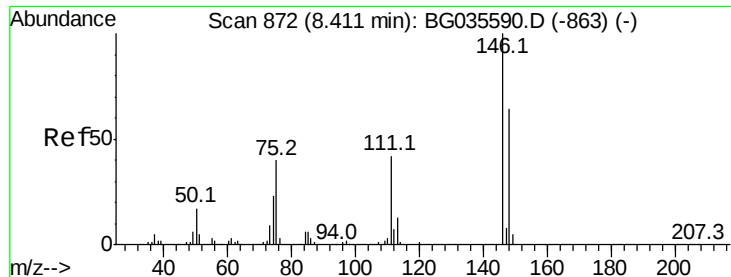
Delta R.T. 0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	146	Resp:	2224
Ion Ratio	Lower	Upper	
146	100		
148	50.9	53.7	80.5#
111	42.9	35.2	52.8





#14

1,2-Dichlorobenzene

Concen: 0.940 ng/mL

RT: 8.37 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

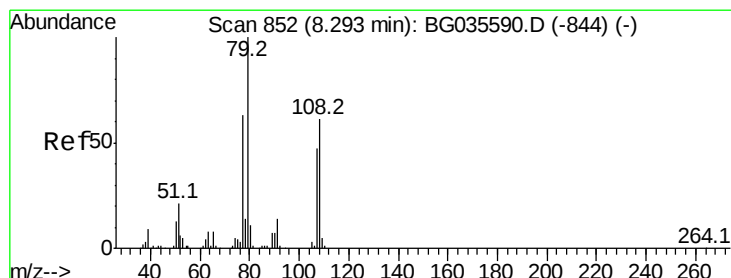
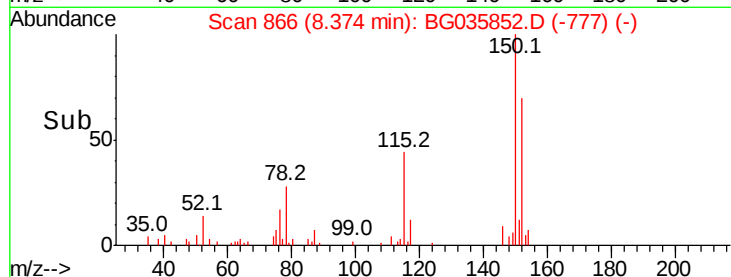
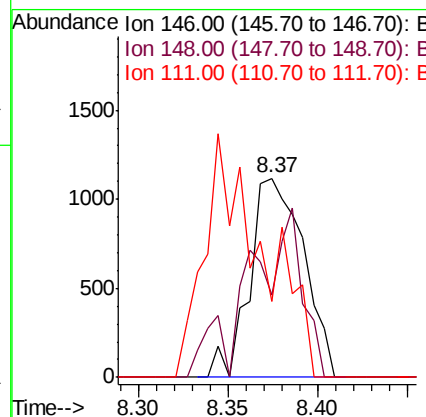
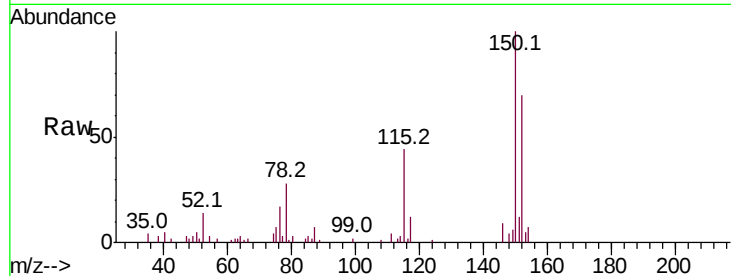
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	146	Resp:	2316
Ion Ratio	Lower	Upper	
146	100		
148	41.5	49.3	73.9#
111	38.2	34.3	51.5

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#15

Benzyl Alcohol

Concen: 0.479 ng/mL

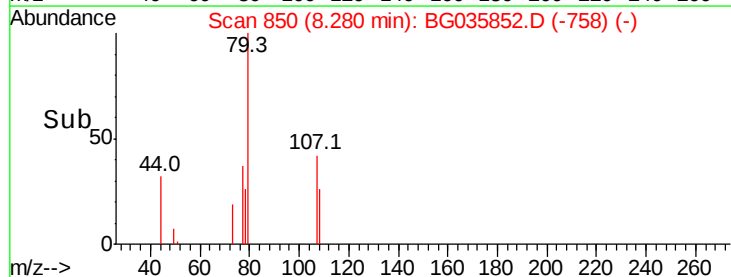
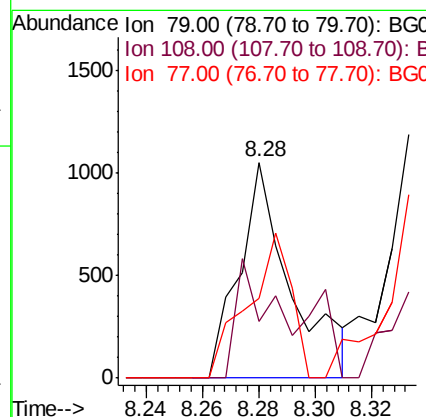
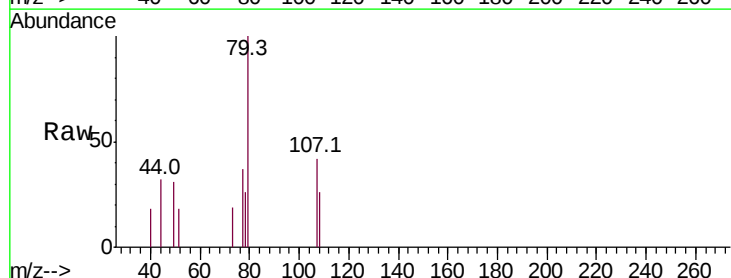
RT: 8.28 min Scan# 850

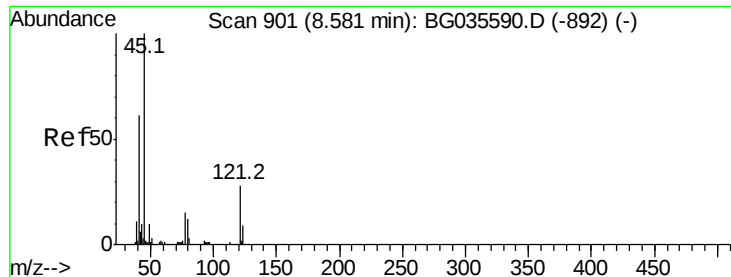
Delta R.T. 0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	79	Resp:	1333
Ion Ratio	Lower	Upper	
79	100		
108	26.0	57.2	85.8#
77	37.1	46.1	69.1#





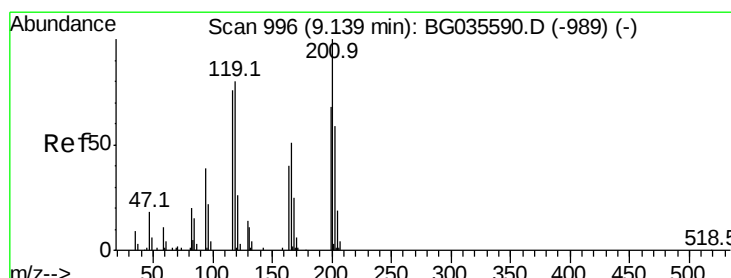
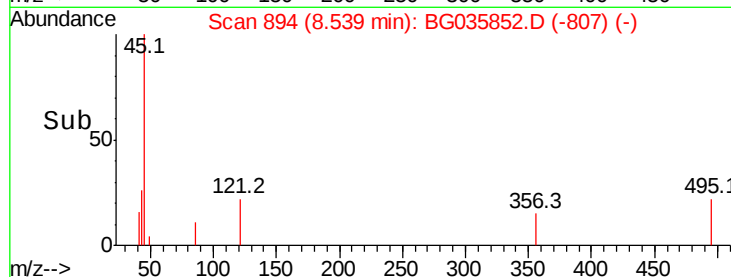
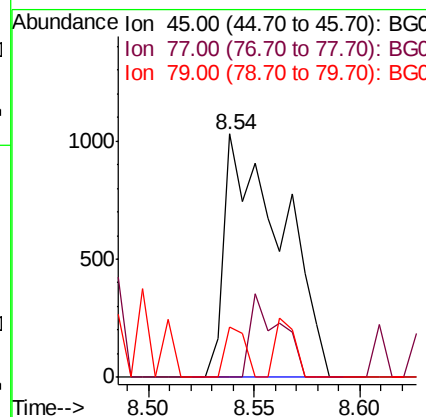
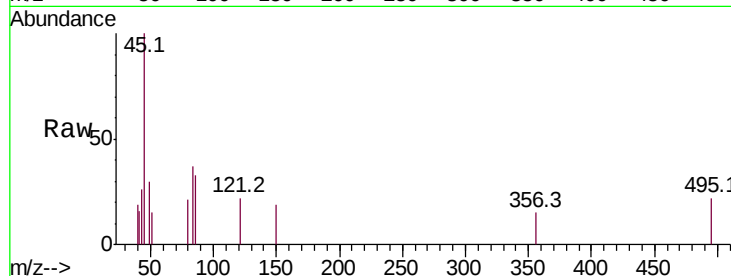
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.950 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.02 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.2
79	20.6	0.0	27.9

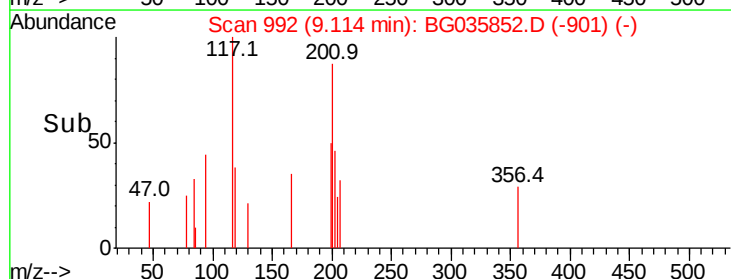
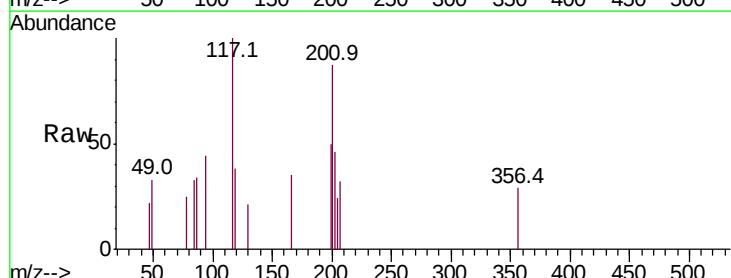
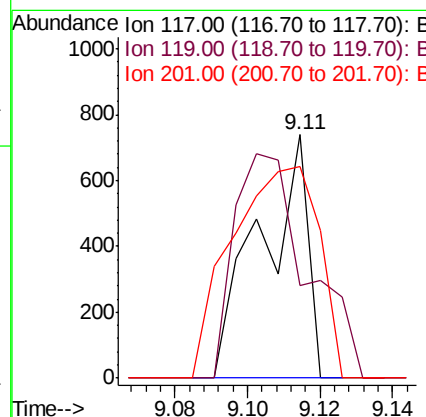
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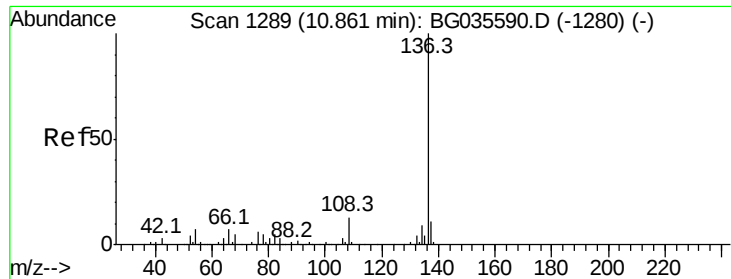
Sohil
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#18
Hexachloroethane
Concen: 0.684 ng
RT: 9.11 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	38.3	76.7	115.1#
201	86.9	95.7	143.5#





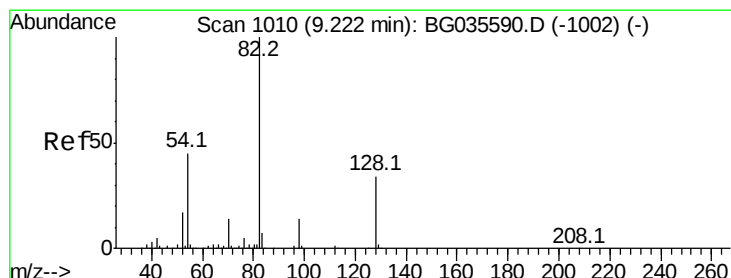
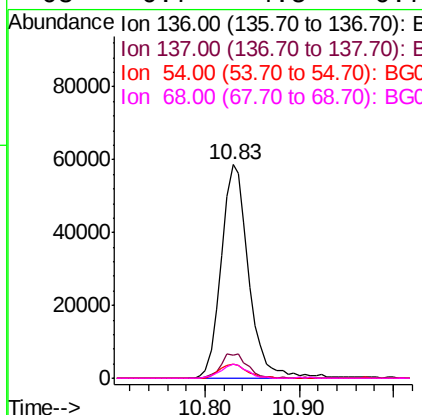
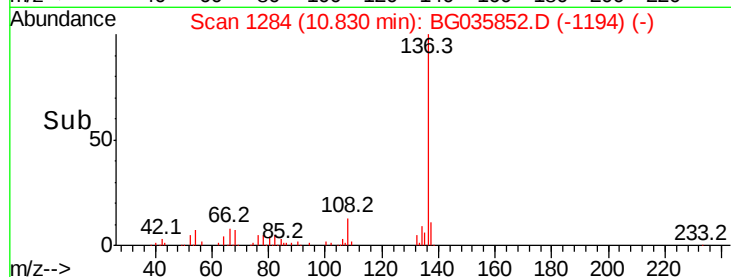
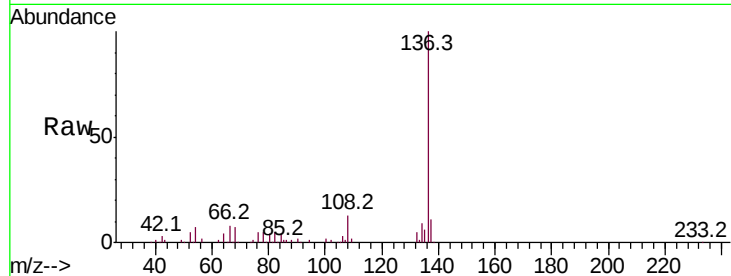
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	6.6	10.3	15.5	
68	6.7	4.5	6.7	

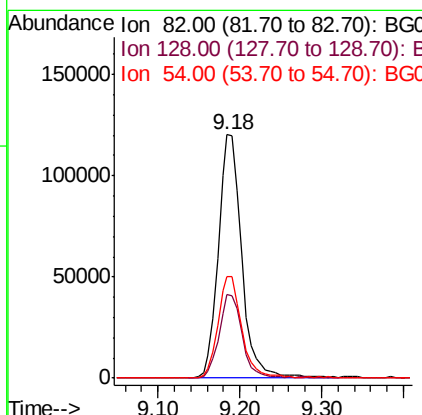
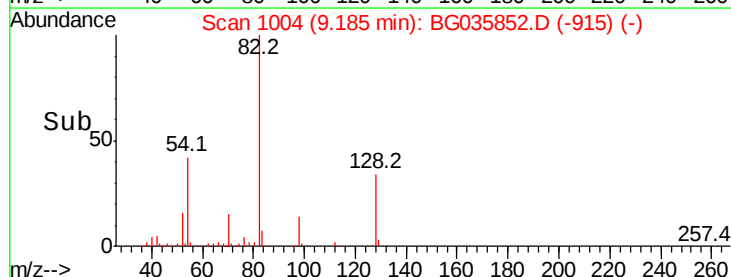
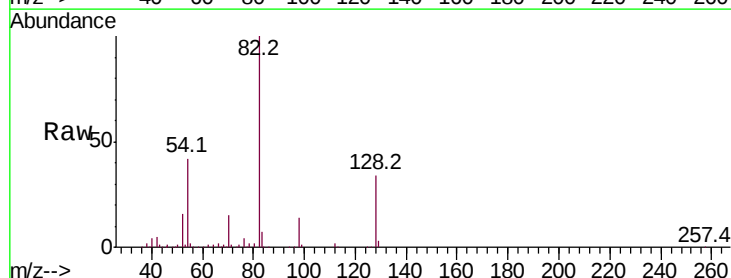
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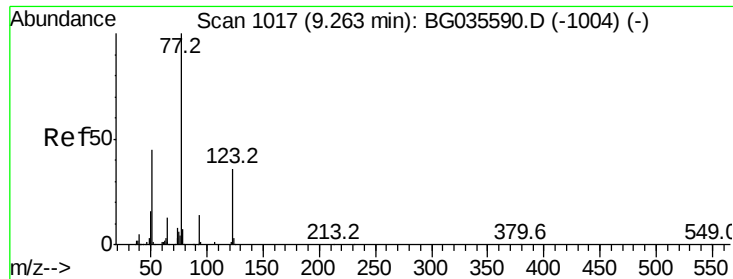
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#23
Nitrobenzene-d5
Concen: 84.203 ng
RT: 9.18 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.2	29.7	44.5	
54	41.7	43.1	64.7	





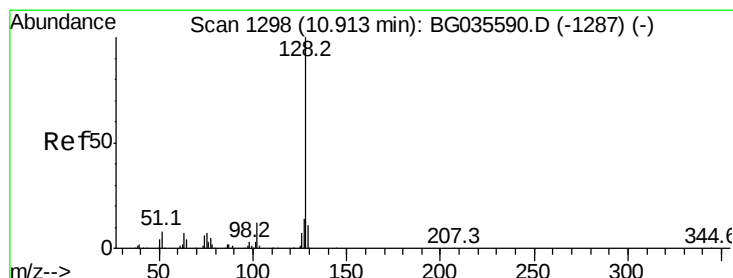
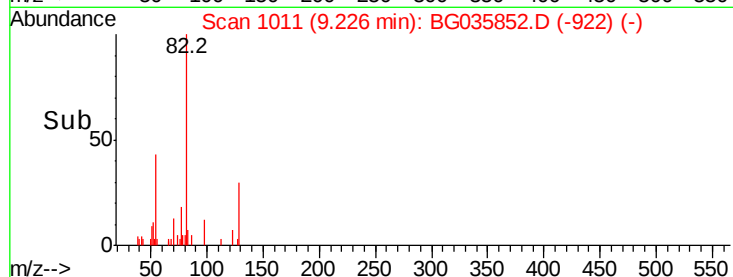
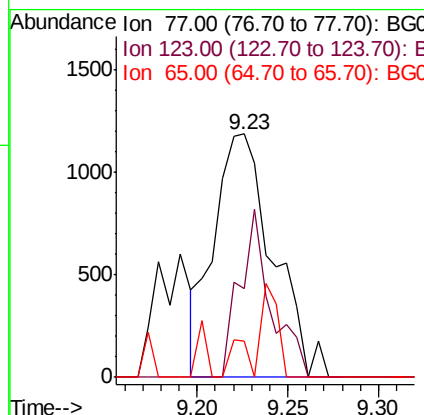
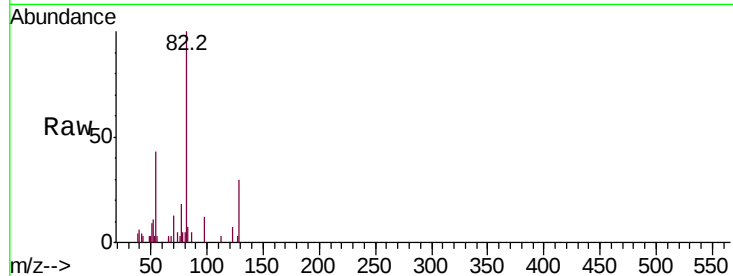
#24
Nitrobenzene
Concen: 0.938 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
77	100		
123	36.3	33.0	49.6
65	14.8	13.0	19.6

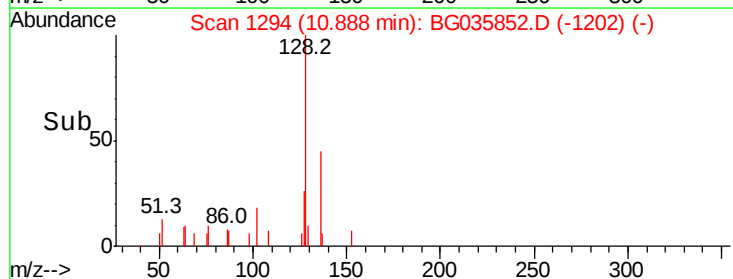
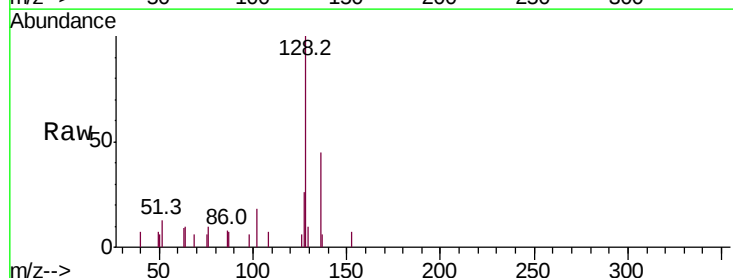
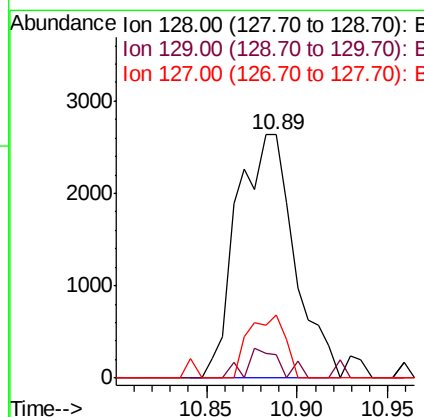
Manual Integrations
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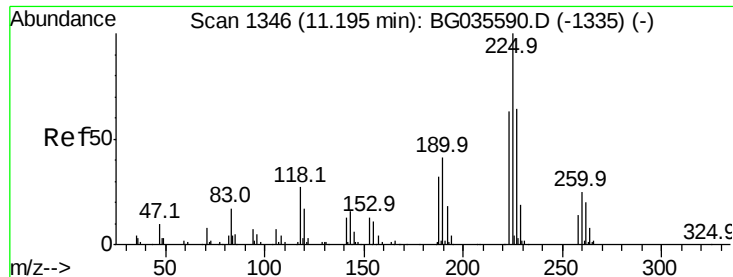
Sohil
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#31
Naphthalene
Concen: 0.942 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	12.8
127	26.0	11.6	17.4#





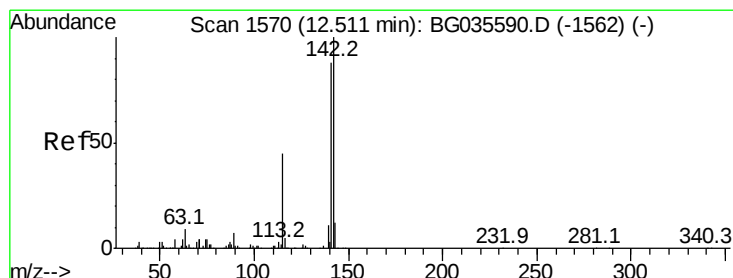
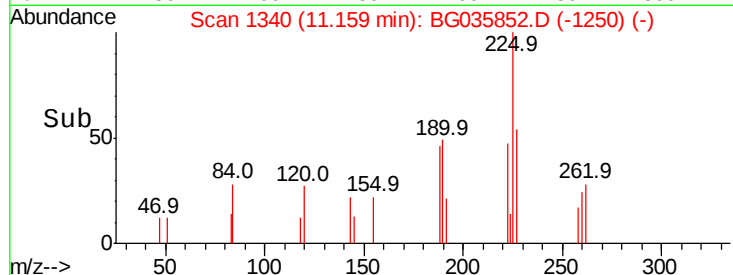
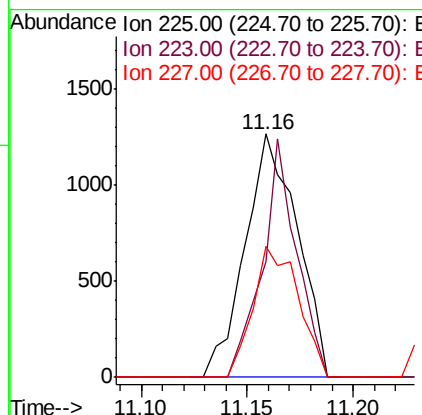
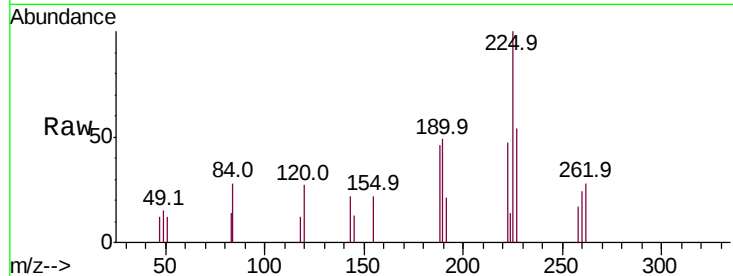
#34
Hexachlorobutadiene
Concen: 1.153 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
225	100		
223	47.4	49.7	74.5#
227	53.6	48.1	72.1

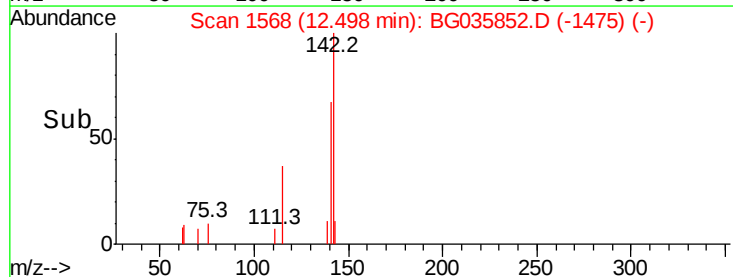
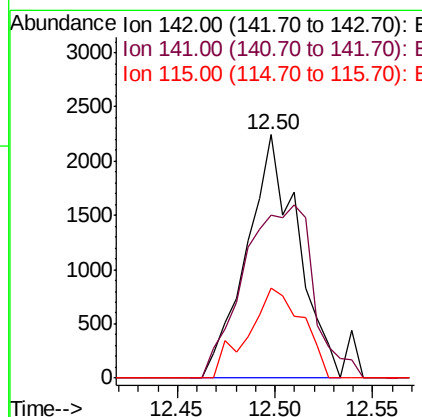
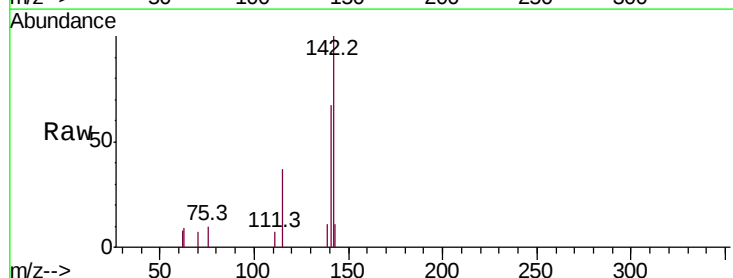
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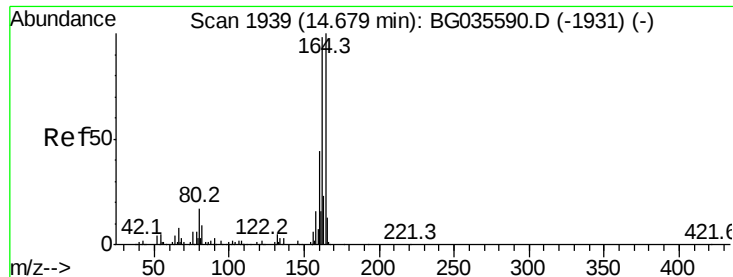
Sohil
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#37
2-Methylnaphthalene
Concen: 0.883 ng
RT: 12.50 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	67.2	67.1	100.7
115	36.9	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

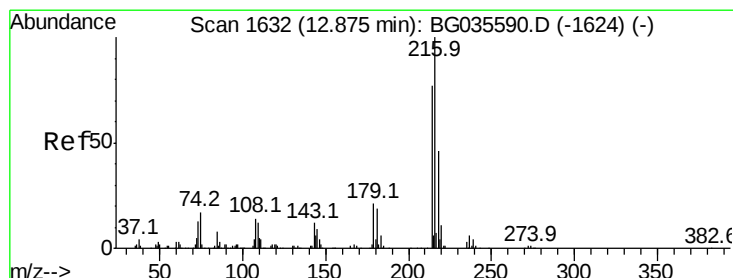
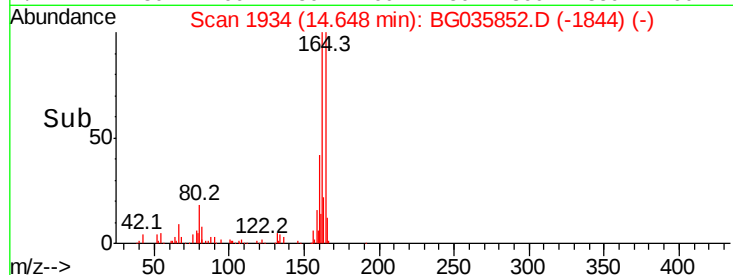
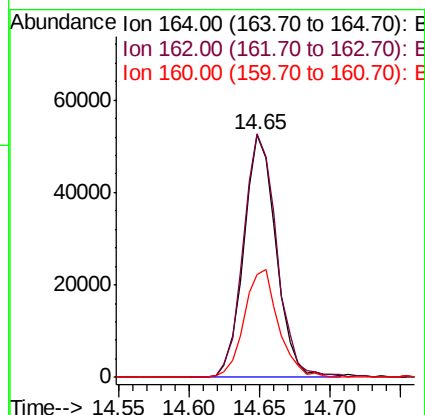
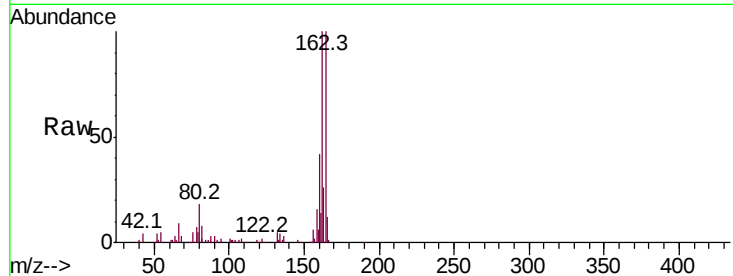
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	164	Resp:	84386
Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	42.1	35.4	53.0

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.988 ng

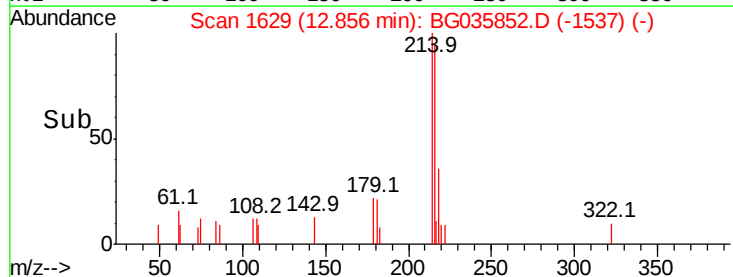
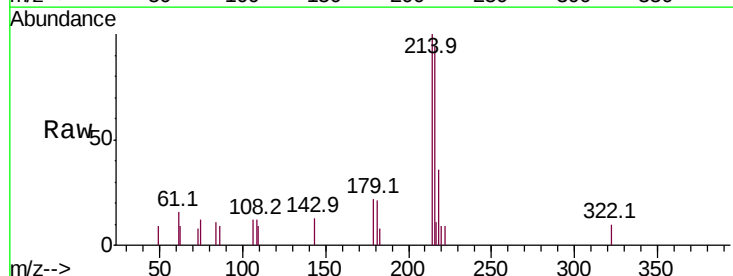
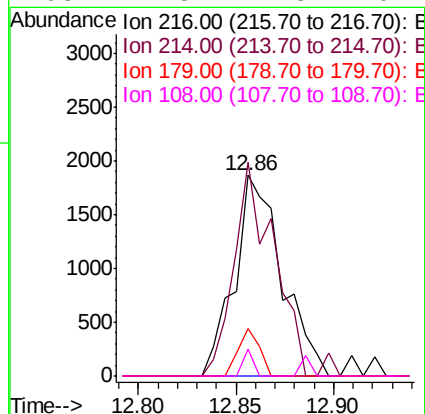
RT: 12.86 min Scan# 1629

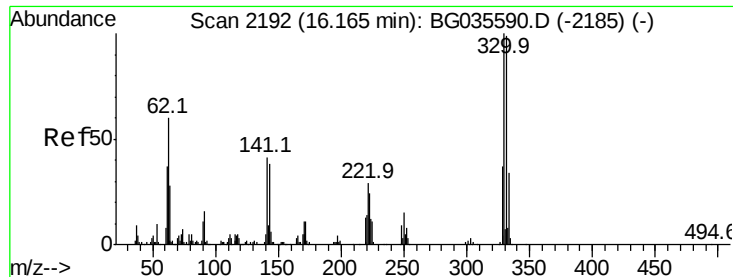
Delta R.T. 0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	216	Resp:	3146
Ion	Ratio	Lower	Upper
216	100		
214	88.9	63.0	94.4
179	10.2	17.0	25.6#
108	2.8	12.8	19.2#





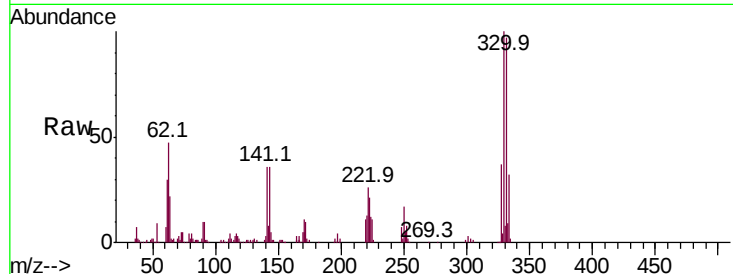
#41
2,4,6-Tribromophenol
Concen: 140.303 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	38.3	25.2	37.8

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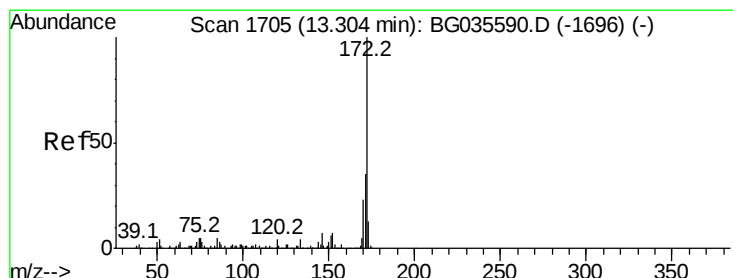
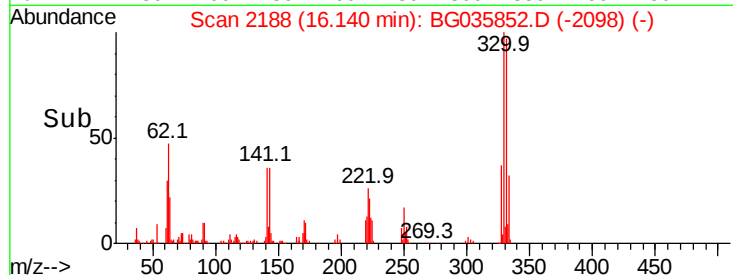
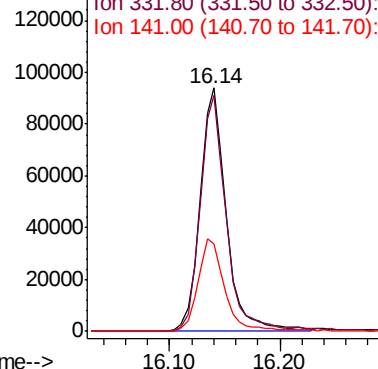


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 91.509 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

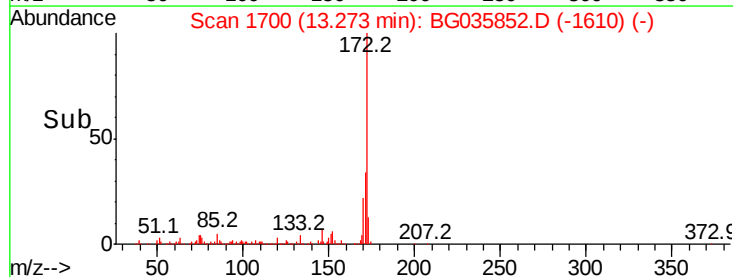
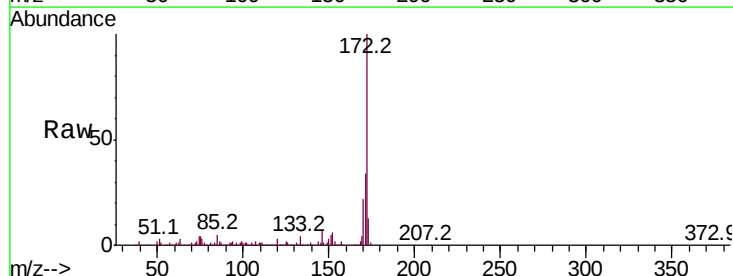
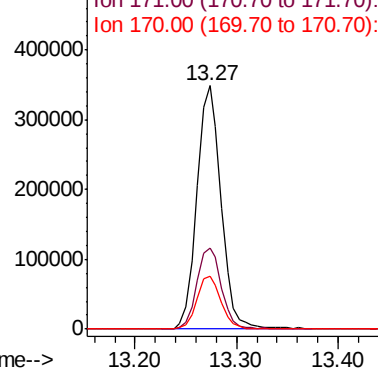
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	21.9	19.5	29.3

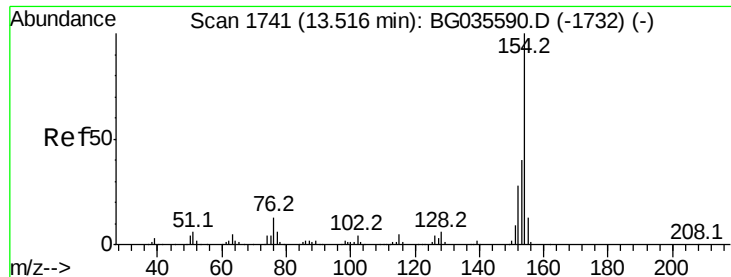
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.974 ng

RT: 13.48 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

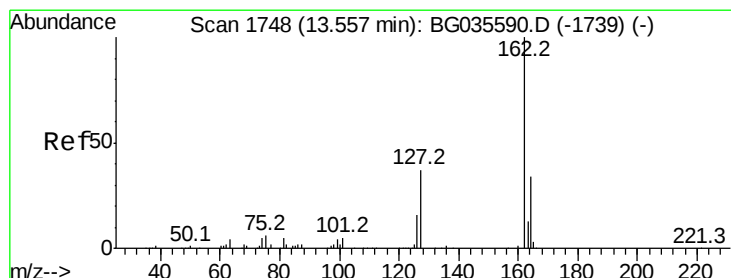
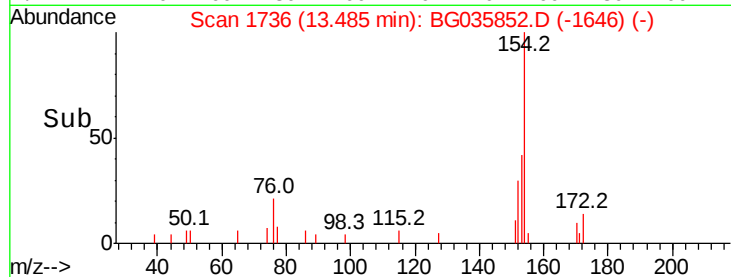
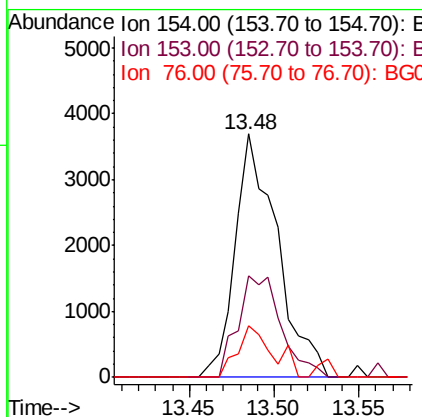
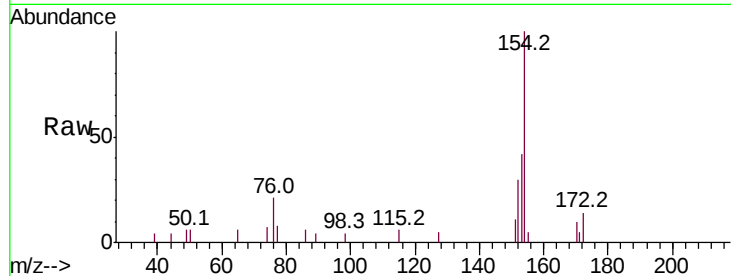
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	154	Resp:	6373
Ion Ratio	Lower	Upper	
154	100		
153	41.6	19.8	59.8
76	21.4	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 0.951 ng

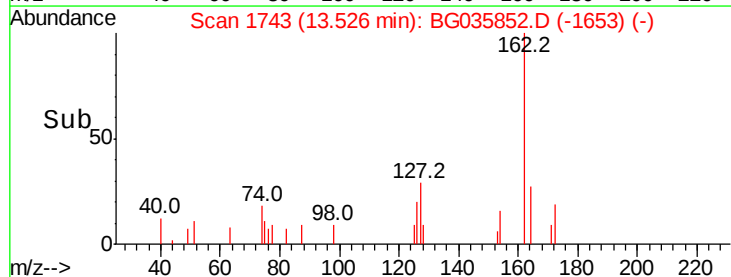
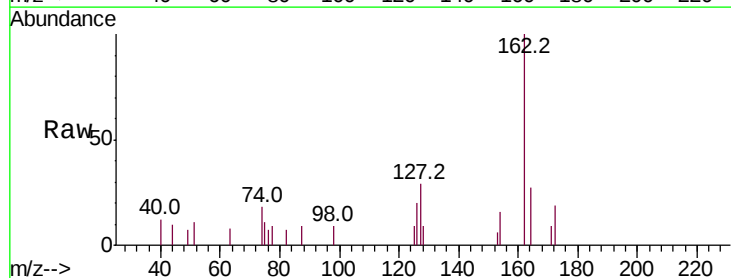
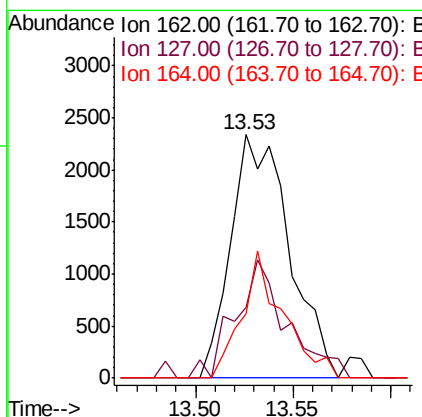
RT: 13.53 min Scan# 1743

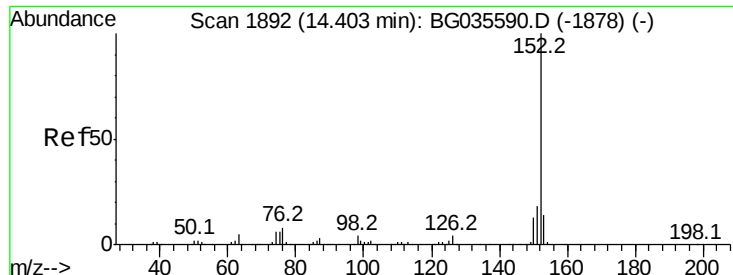
Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	162	Resp:	4840
Ion Ratio	Lower	Upper	
162	100		
127	29.2	30.7	46.1#
164	26.6	26.0	39.0





#48

Acenaphthylene

Concen: 0.877 ng

RT: 14.38 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

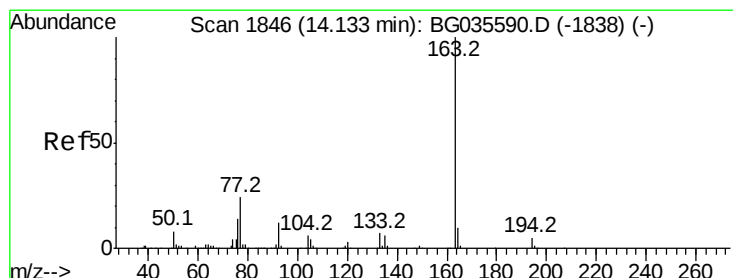
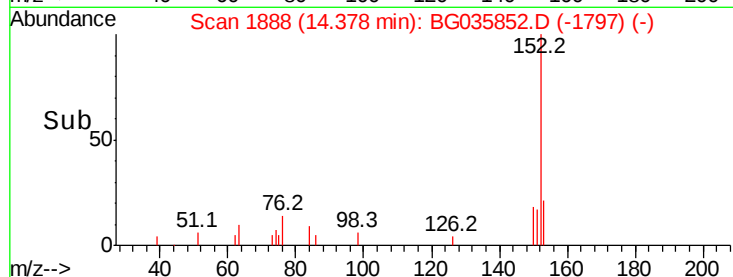
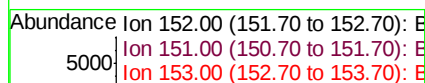
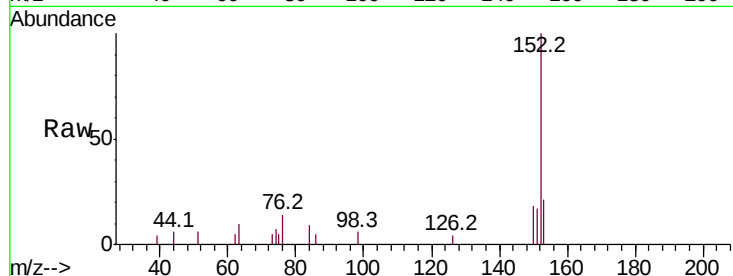
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	152	Resp:	7472
Ion Ratio	Lower	Upper	
152	100		
151	16.7	17.2	25.8#
153	21.4	10.2	15.4#

Manual Integrations
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#49

Dimethylphthalate

Concen: 0.845 ng

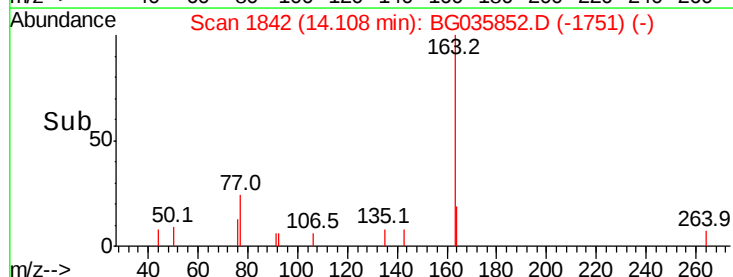
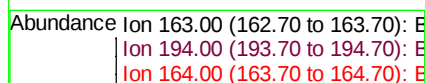
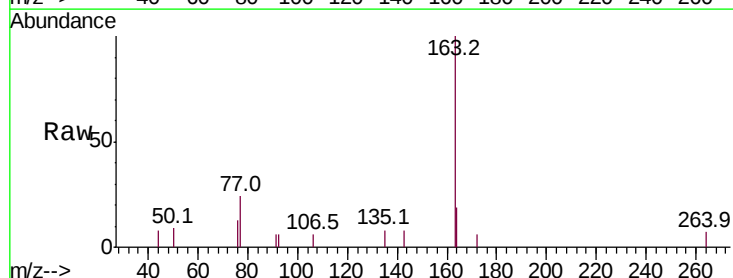
RT: 14.11 min Scan# 1842

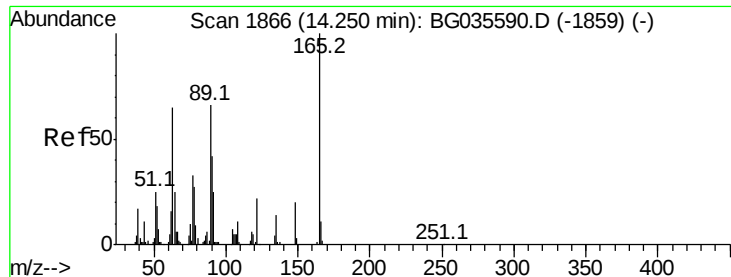
Delta R.T. 0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	163	Resp:	6247
Ion Ratio	Lower	Upper	
163	100		
194	0.0	3.4	5.2#
164	19.5	8.2	12.4#





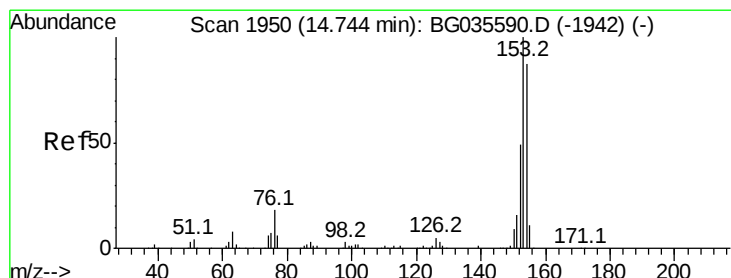
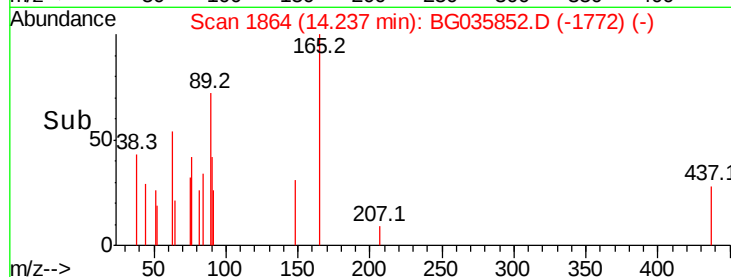
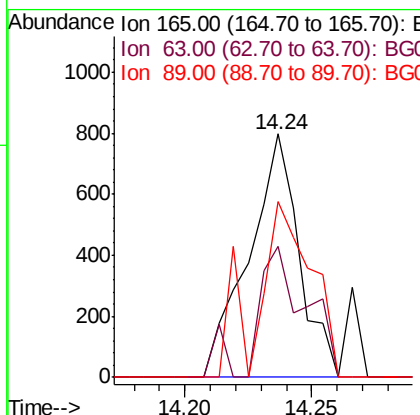
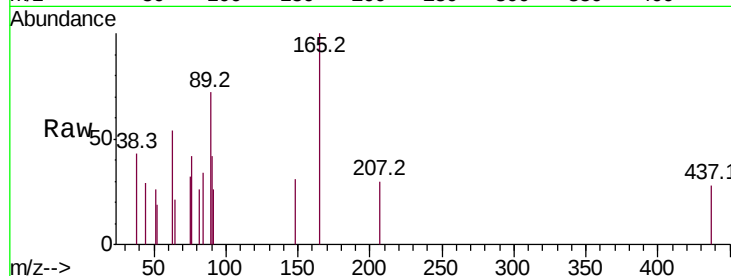
#50
2,6-Dinitrotoluene
Concen: 0.731 ng
RT: 14.24 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	52.7	79.1
89	72.2	49.2	73.8

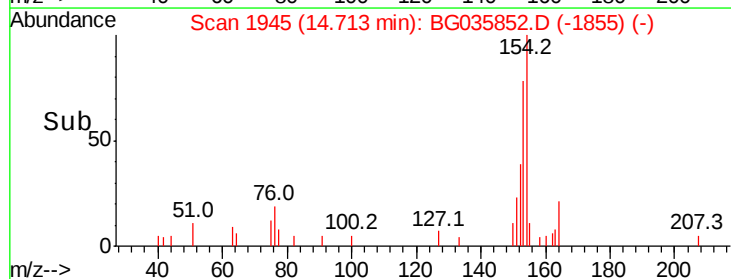
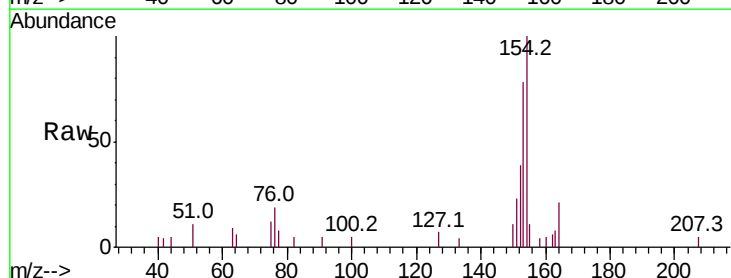
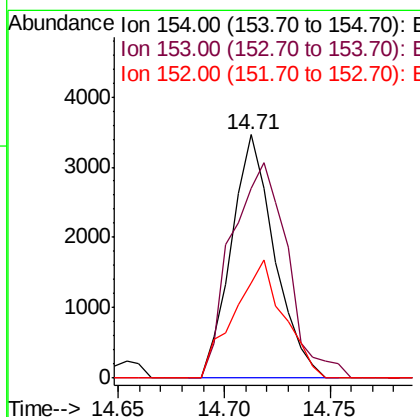
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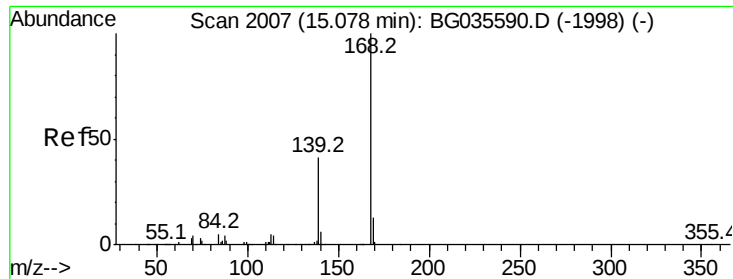
Sohil
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#51
Acenaphthene
Concen: 0.921 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	78.2	90.4	135.6#
152	38.9	41.6	62.4#





#54

Dibenzofuran

Concen: 1.028 ng

RT: 15.07 min Scan# 2005

Delta R.T. 0.02 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

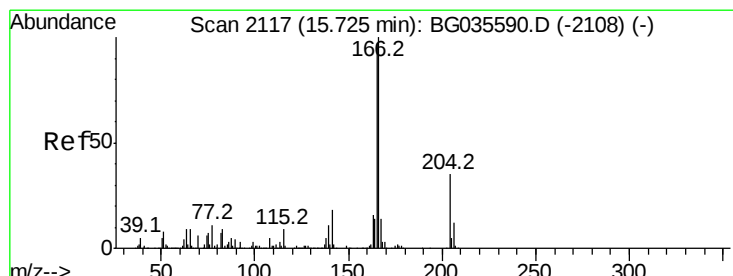
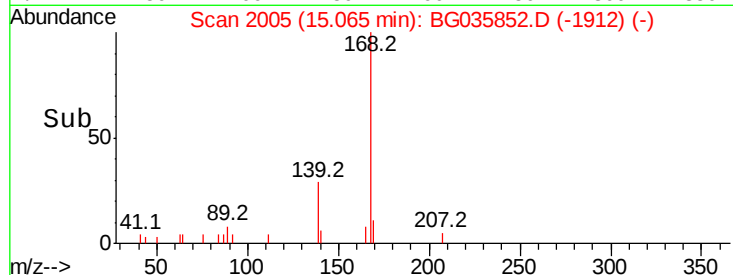
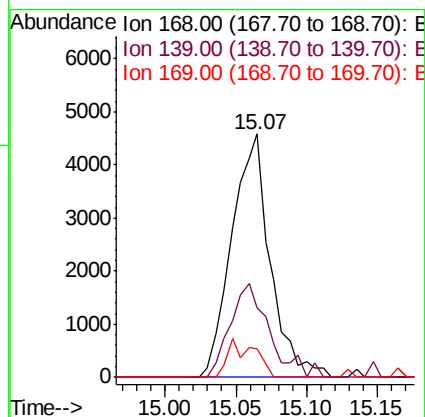
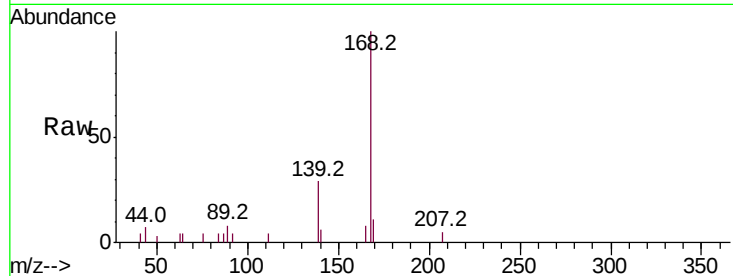
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	168	Resp:	8679
Ion Ratio	Lower	Upper	
168	100		
139	28.6	28.6	43.0#
169	11.5	11.2	16.8

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#57

Fluorene

Concen: 1.038 ng

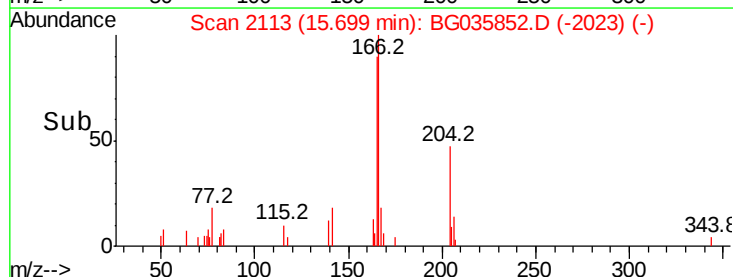
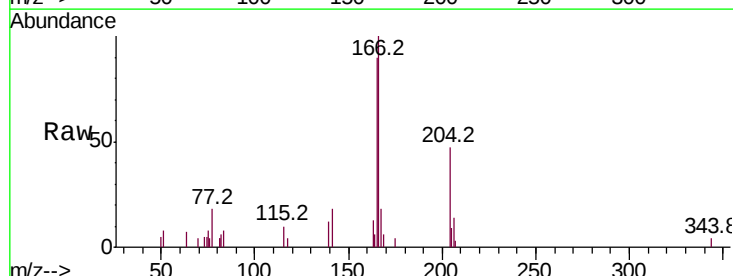
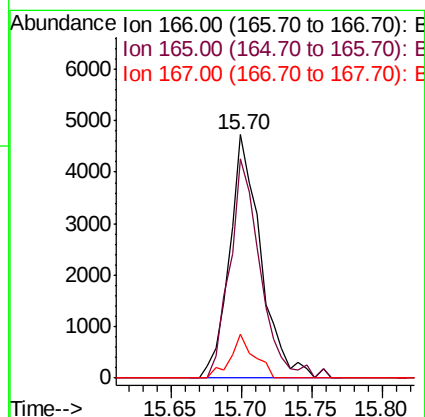
RT: 15.70 min Scan# 2113

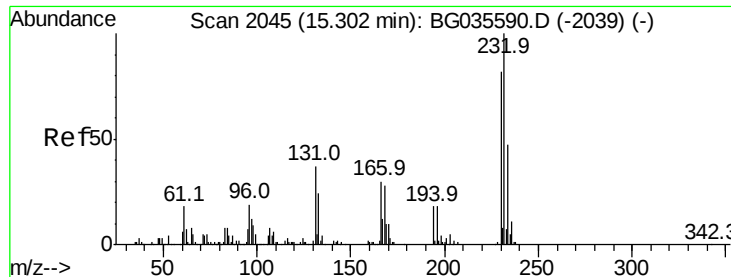
Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	166	Resp:	7347
Ion Ratio	Lower	Upper	
166	100		
165	90.0	80.6	121.0
167	17.9	10.4	15.6#





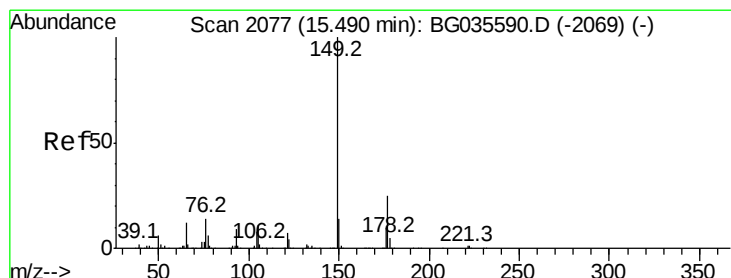
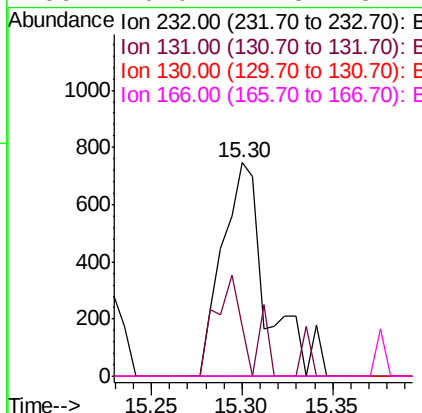
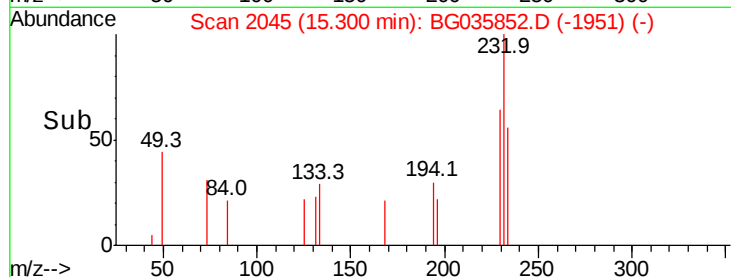
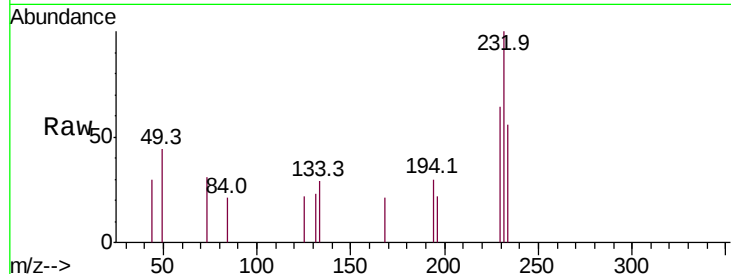
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.640 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.02 min
 Lab File: BG035852.D
 Acq: 24 Jul 2018 17:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
232	100		
131	26.9	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

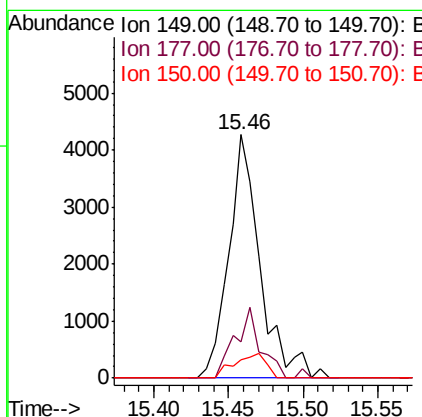
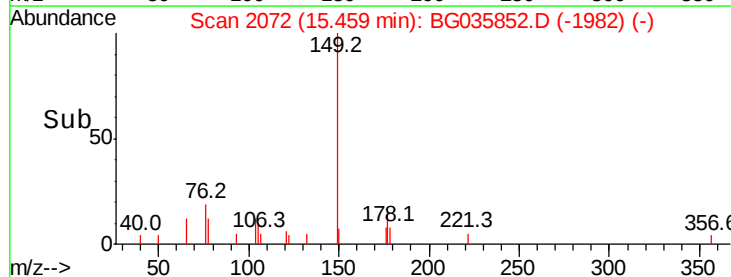
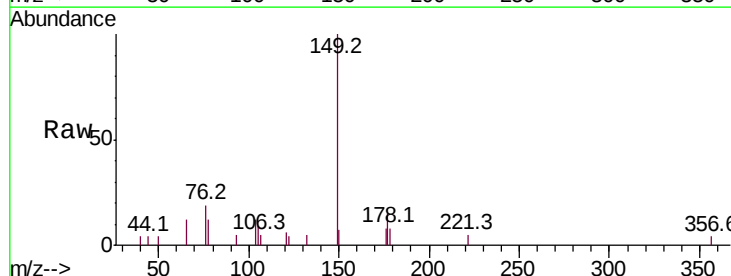
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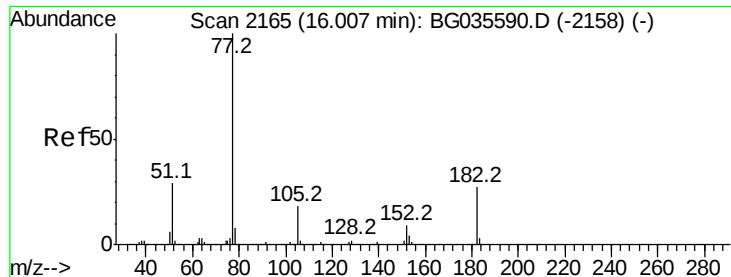
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#59
 Diethylphthalate
 Concen: 0.827 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG035852.D
 Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	14.9	18.5	27.7#
150	7.5	10.2	15.2#





#62

Azobenzene

Concen: 0.844 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 77 Resp: 6332

Ion Ratio Lower Upper

77 100

182 22.2 7.4 47.4

105 14.1 0.3 40.3

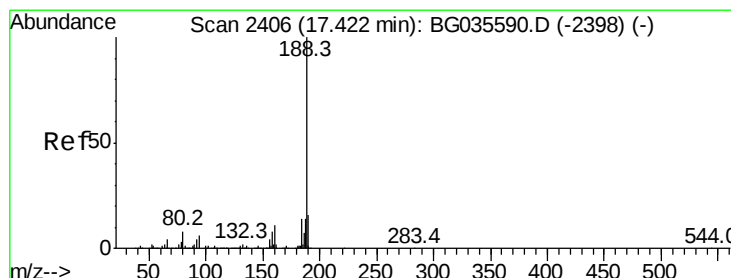
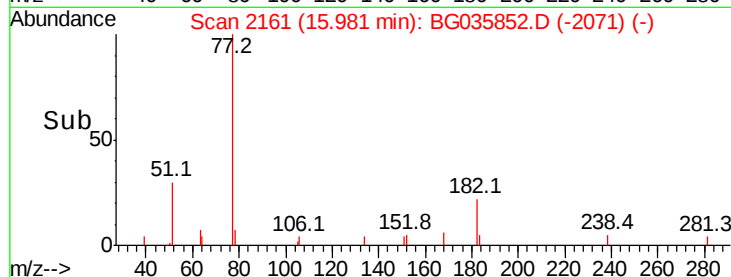
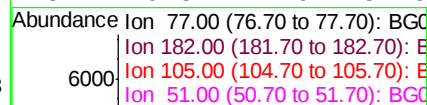
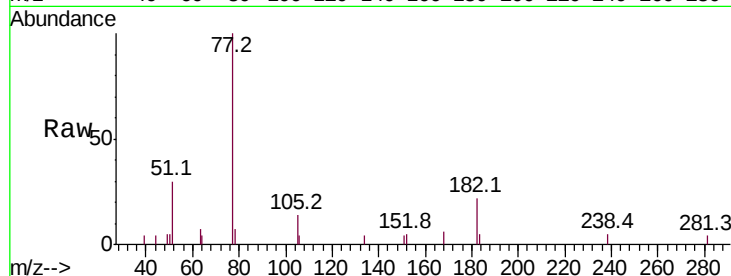
51 29.5 11.6 51.6

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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

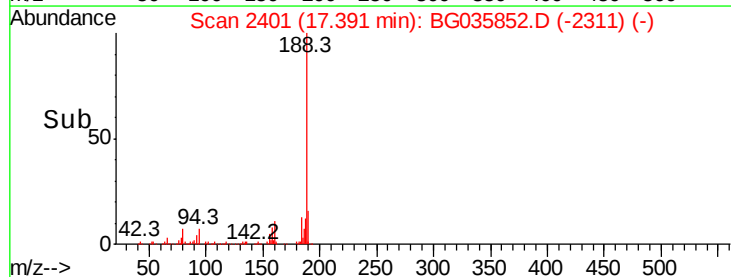
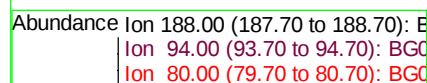
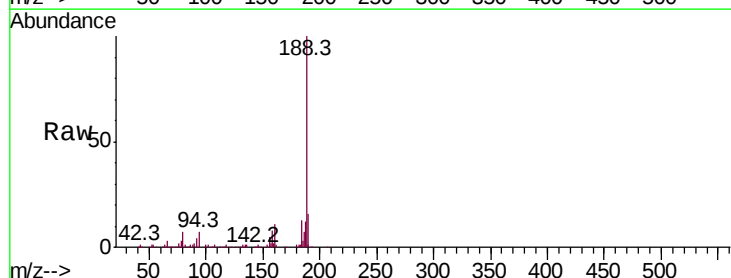
Tgt Ion: 188 Resp: 239864

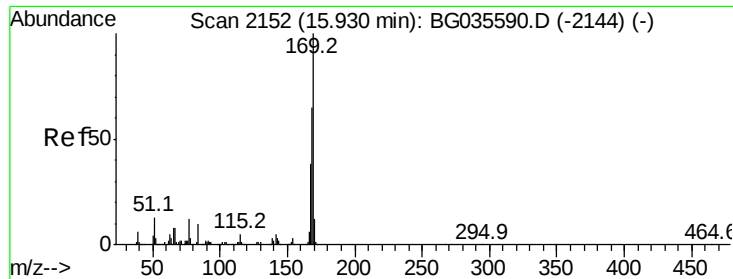
Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

80 7.5 7.7 11.5#





#65

n-Nitrosodiphenylamine

Concen: 0.829 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

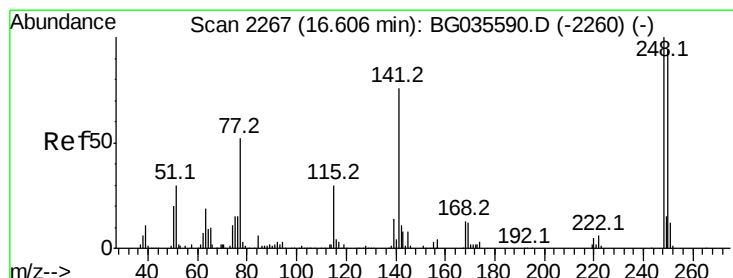
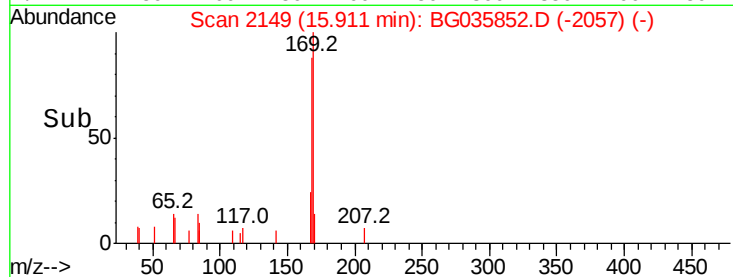
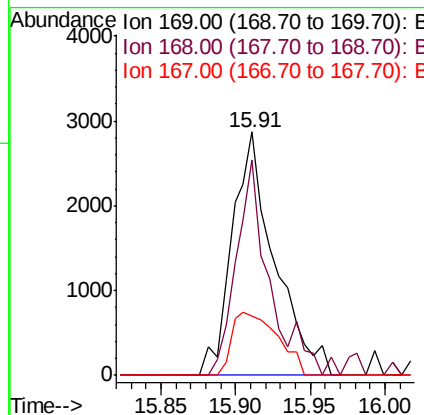
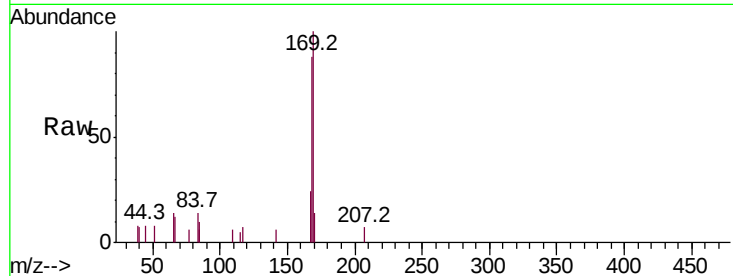
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	169	Resp:	5658
Ion Ratio	Lower	Upper	
169	100		
168	88.4	55.7	83.5#
167	24.2	30.1	45.1#

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#66

4-Bromophenyl-phenylether

Concen: 0.664 ng

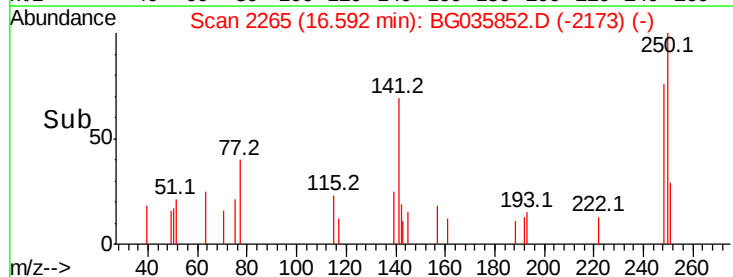
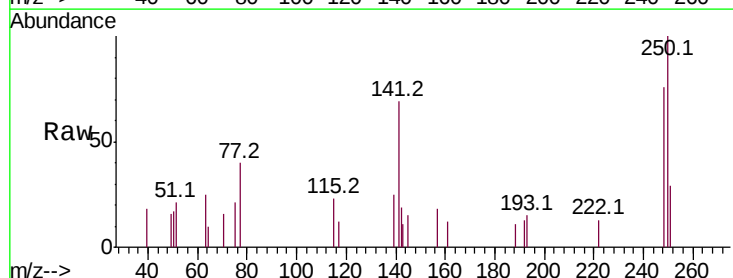
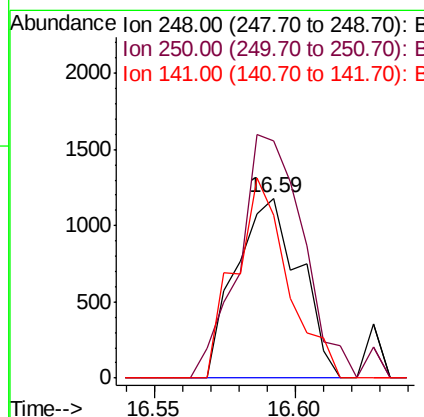
RT: 16.59 min Scan# 2265

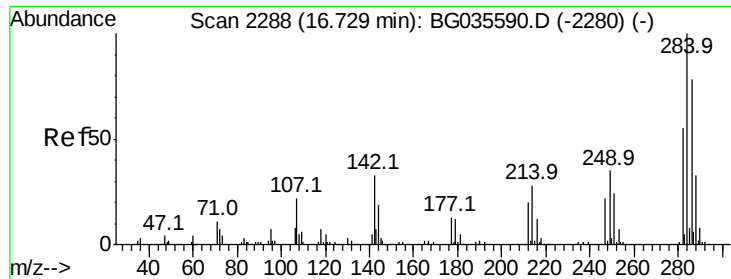
Delta R.T. 0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	248	Resp:	1848
Ion Ratio	Lower	Upper	
248	100		
250	132.2	77.1	115.7#
141	90.9	50.8	76.2#





#67

Hexachlorobenzene

Concen: 1.085 ng

RT: 16.71 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

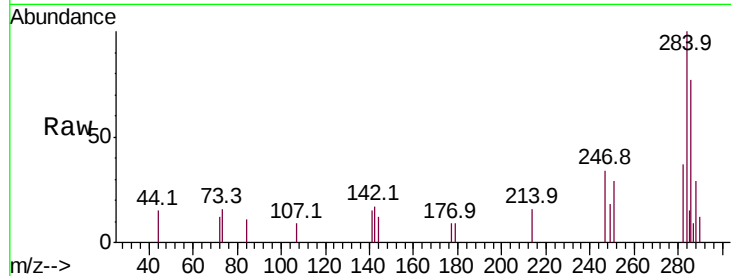
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

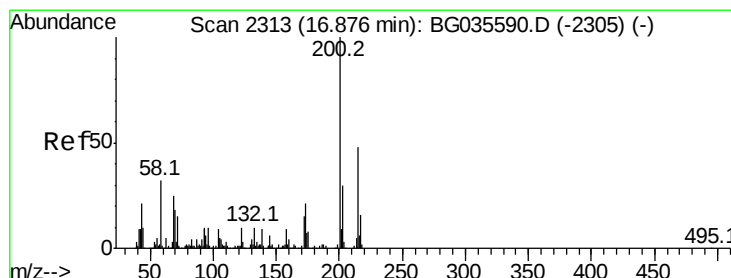
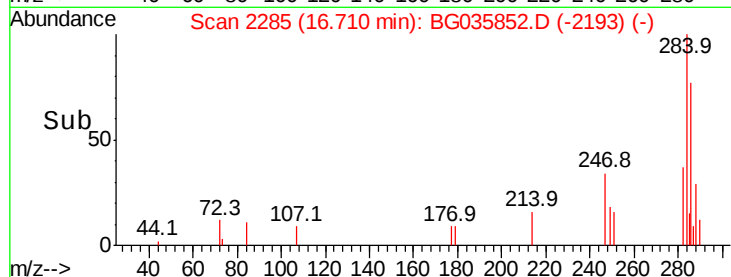
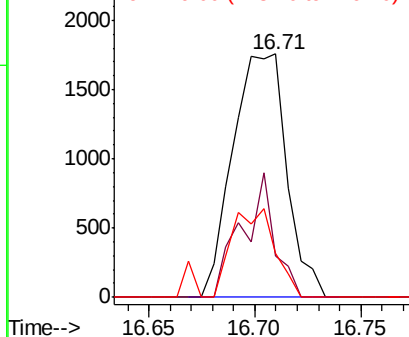
Tot Ion:	284	Resp:	3108
Ion Ratio	Lower	Upper	
284	100		
142	17.1	26.8	40.2#
249	18.1	26.3	39.5#

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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: 0.702 ng

RT: 16.86 min Scan# 2310

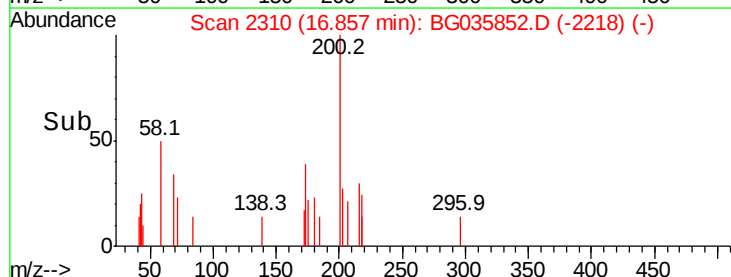
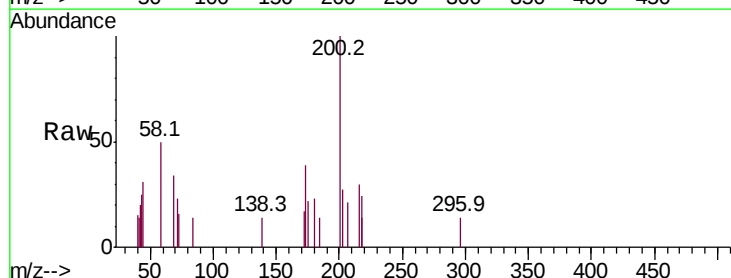
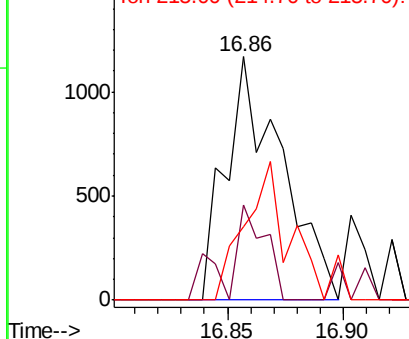
Delta R.T. 0.01 min

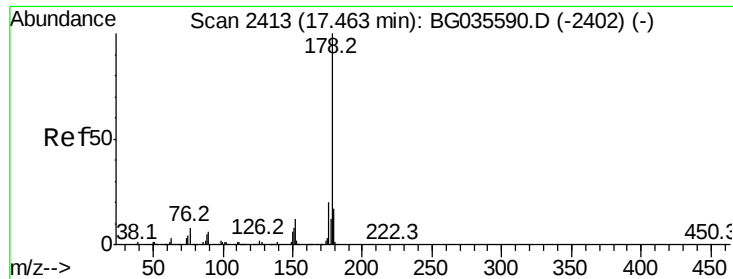
Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	200	Resp:	1973
Ion Ratio	Lower	Upper	
200	100		
173	38.8	5.2	45.2
215	30.3	30.4	70.4#

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





#70

Phenanthrene

Concen: 1.037 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

ClientSampleId :

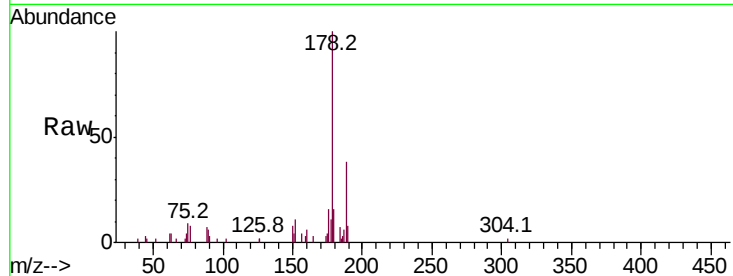
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	15.6	15.7	23.5#
179	16.3	12.5	18.7

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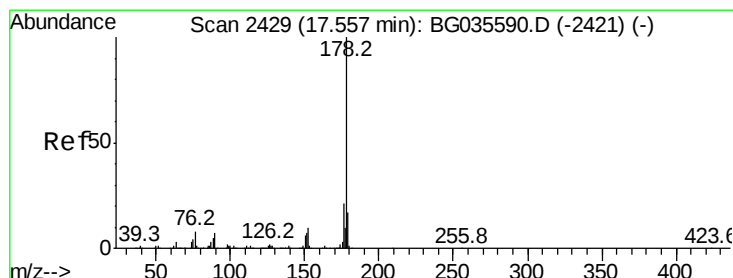
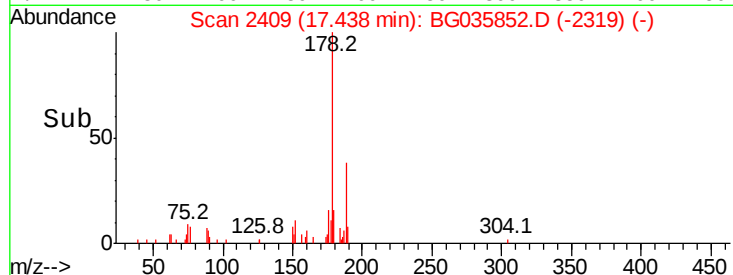
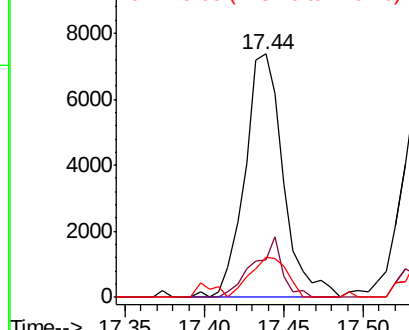


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.996 ng

RT: 17.53 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

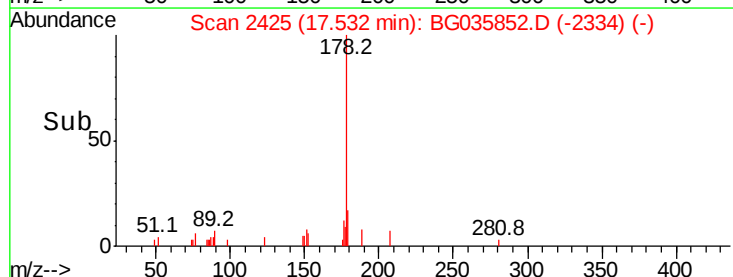
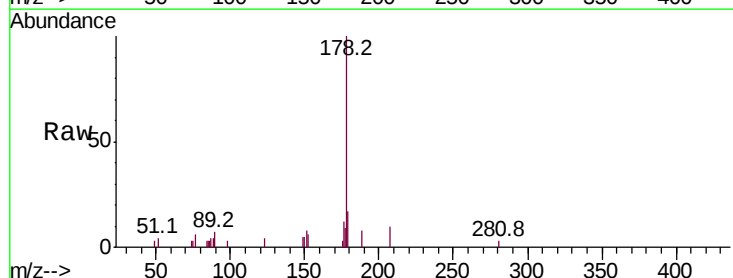
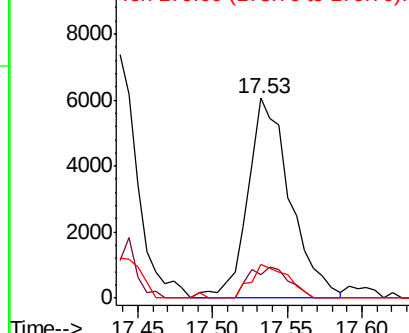
Tgt Ion	Ratio	Lower	Upper
178	100		
176	12.0	16.0	24.0#
179	17.1	12.5	18.7

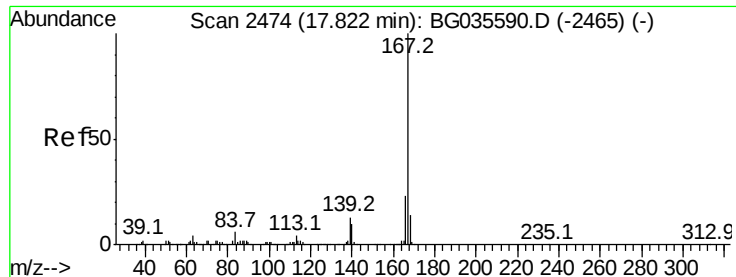
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.727 ng

RT: 17.83 min Scan# 2475

Delta R.T. 0.03 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

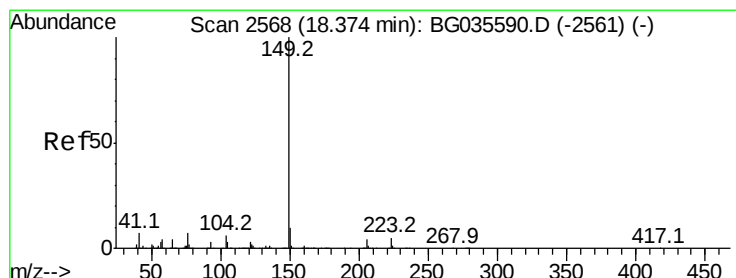
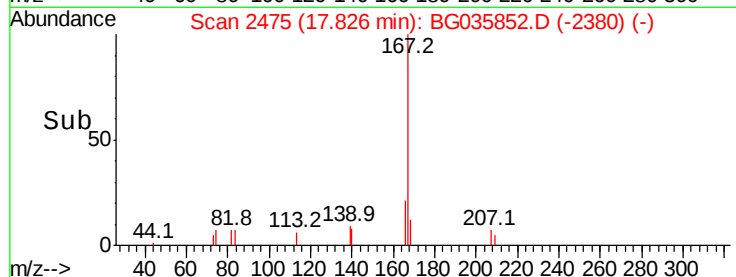
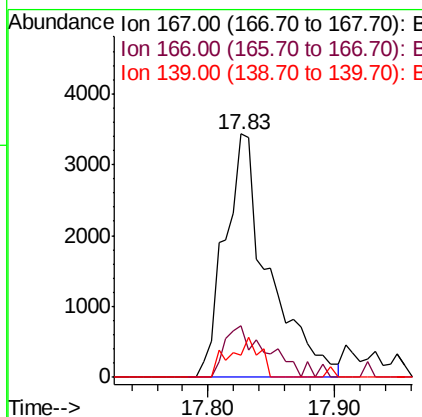
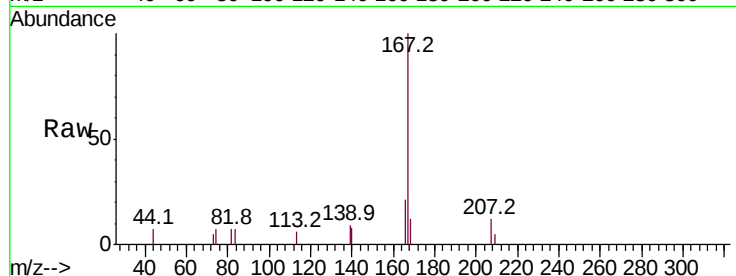
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	167	Resp:	8225
Ion Ratio	Lower	Upper	
167	100		
166	21.1	18.2	27.4
139	9.3	9.4	14.2#

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#73

Di-n-butylphthalate

Concen: 0.834 ng

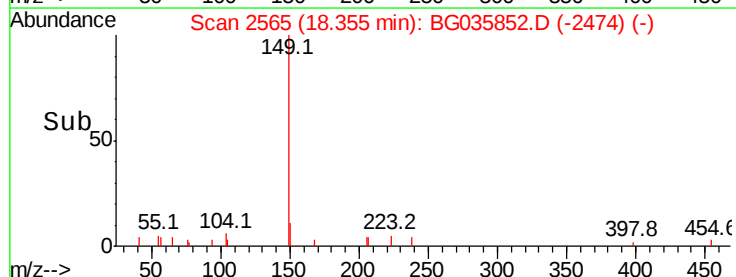
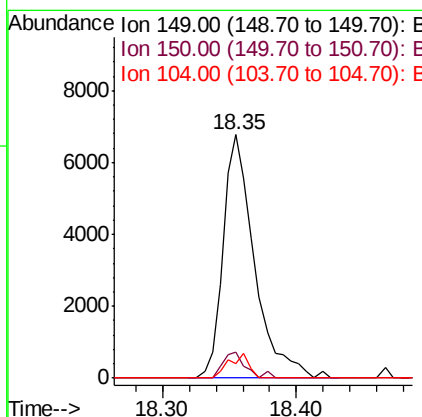
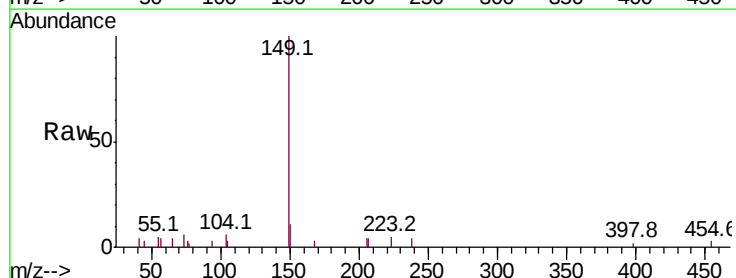
RT: 18.35 min Scan# 2565

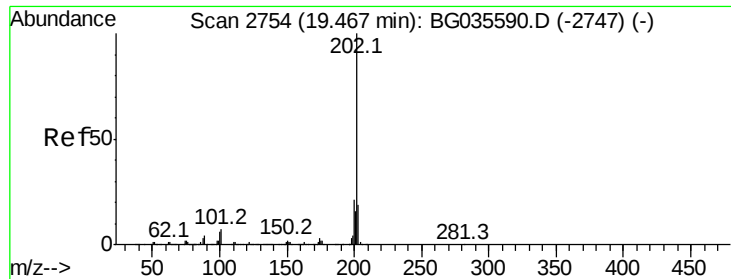
Delta R.T. 0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	149	Resp:	11153
Ion Ratio	Lower	Upper	
149	100		
150	10.7	7.8	11.6
104	6.0	3.9	5.9#





#74

Fluoranthene

Concen: 0.947 ng

RT: 19.45 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

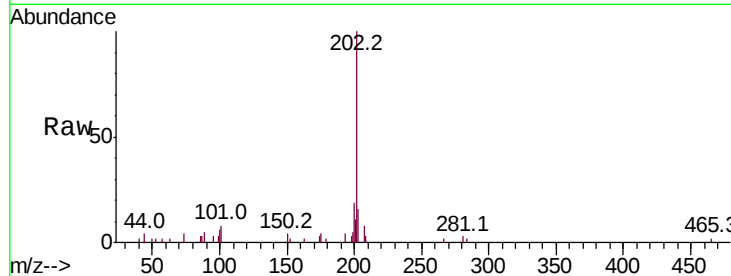
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

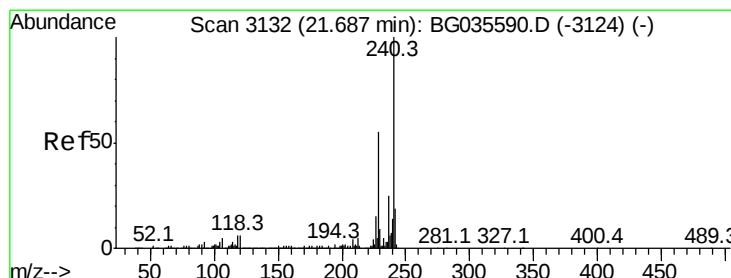
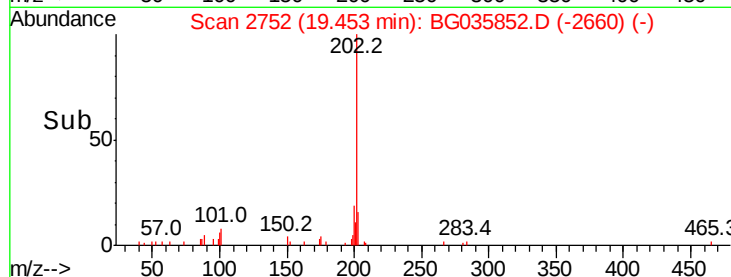
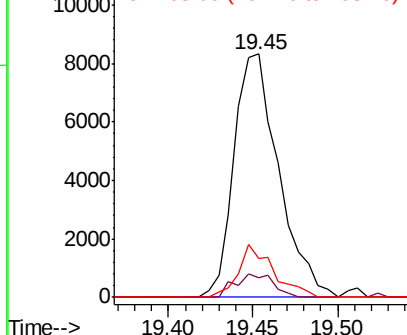
Tot Ion:	202	Resp:	15263
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.9
203	15.7	0.0	37.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

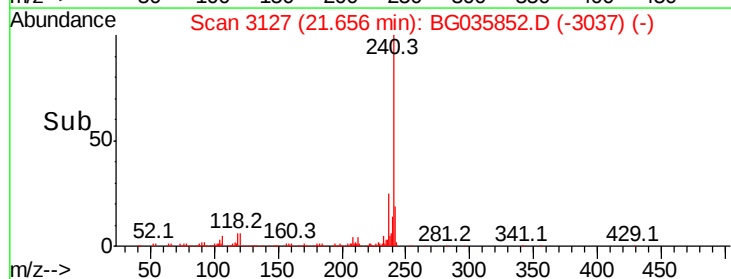
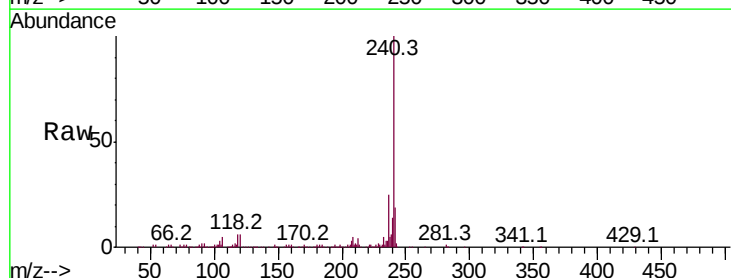
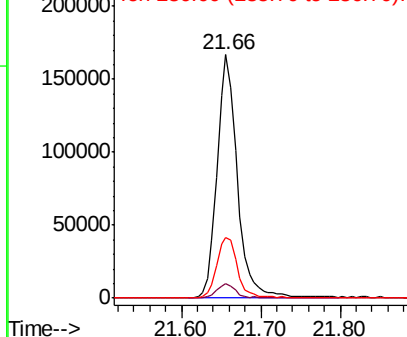
Delta R.T. -0.00 min

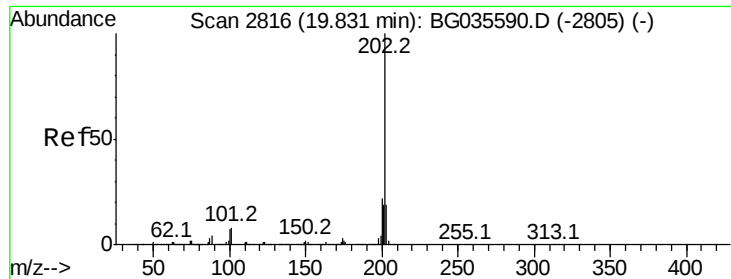
Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	240	Resp:	297543
Ion Ratio	Lower	Upper	
240	100		
120	5.7	6.8	10.2#
236	24.9	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





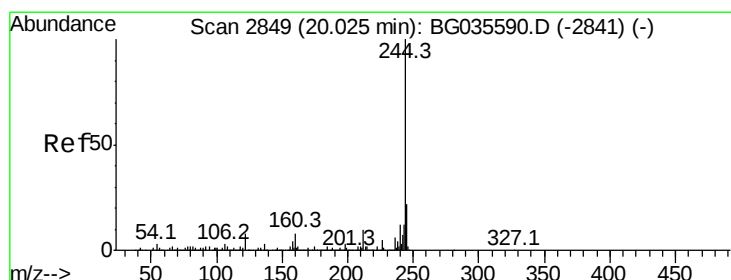
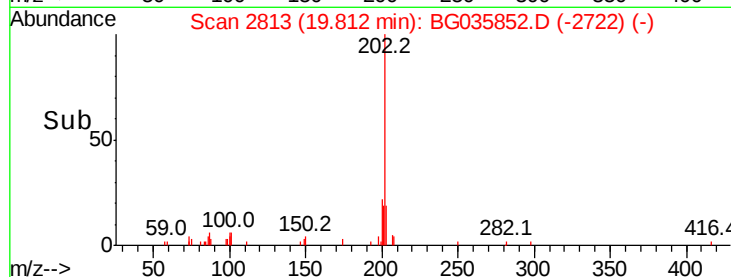
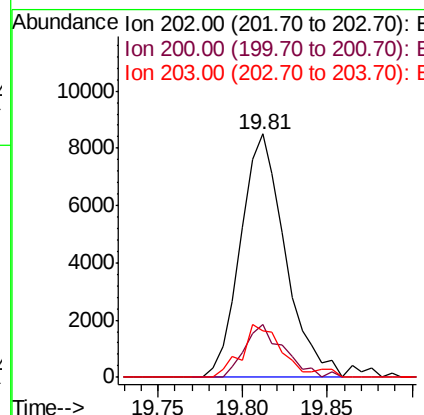
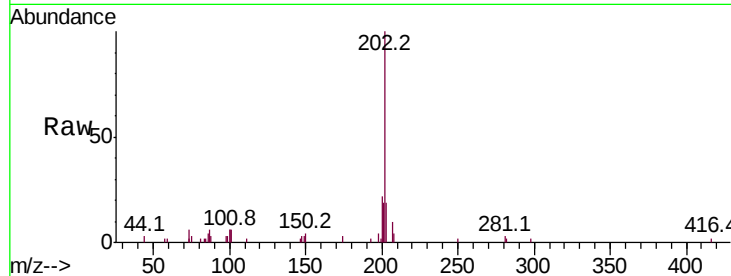
#77
Pvrene
Concen: 0.829 ng
RT: 19.81 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	19.3	13.9	20.9

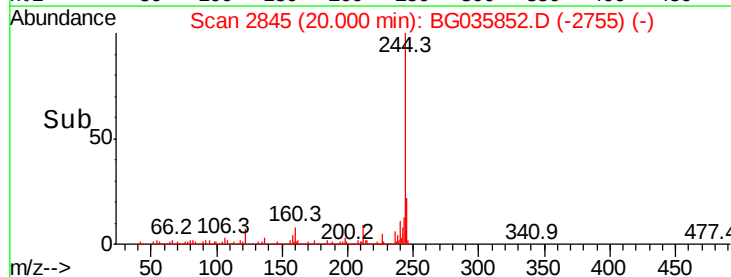
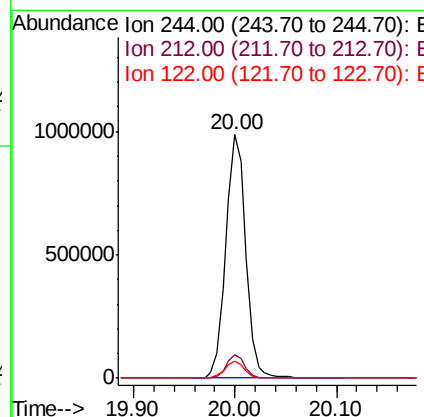
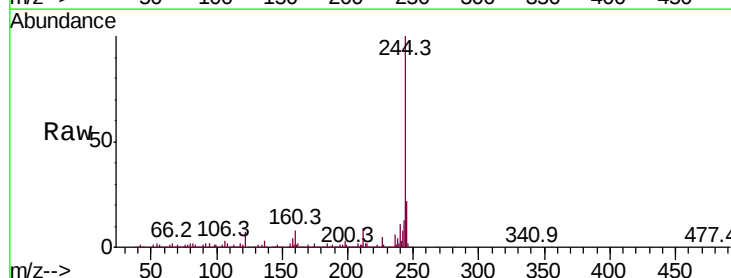
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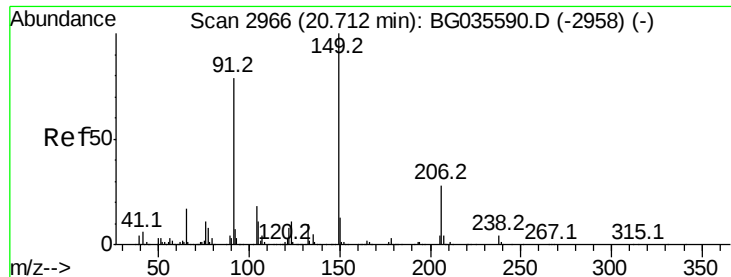
Sohil
7/25/2018 6:34:57 PM



#78
Terphenyl-d14
Concen: 99.994 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.2	7.0	10.4





#79

Butylbenzylphthalate

Concen: 0.769 ng

RT: 20.69 min Scan# 2962

Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

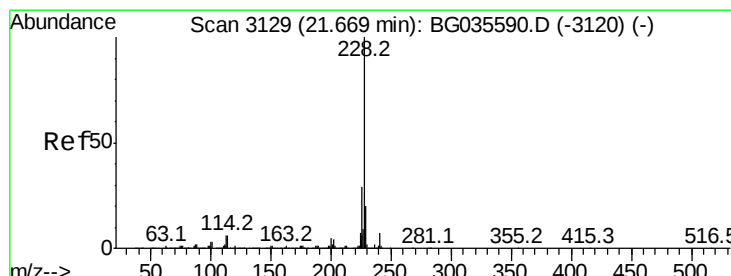
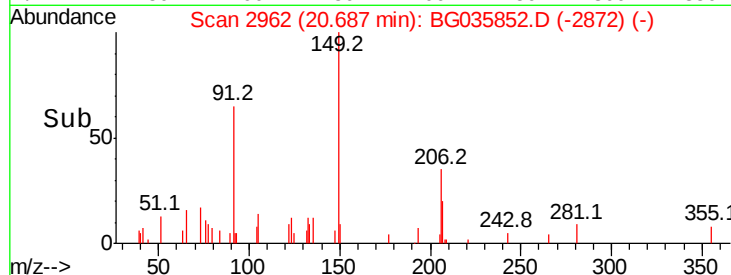
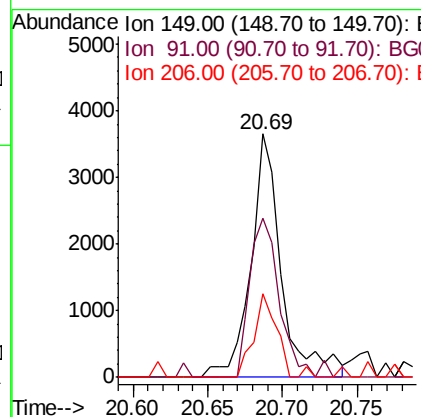
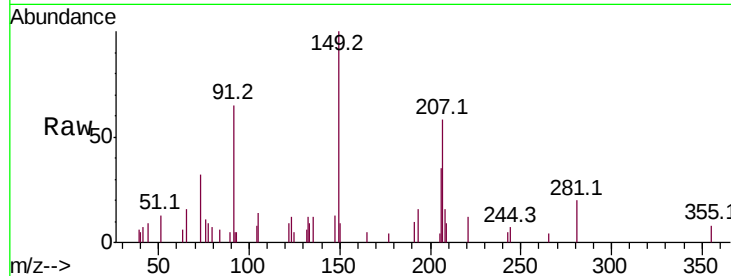
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	149	Resp:	5176
Ion Ratio	Lower	Upper	
149	100		
91	65.5	62.2	93.2
206	34.5	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 1.002 ng

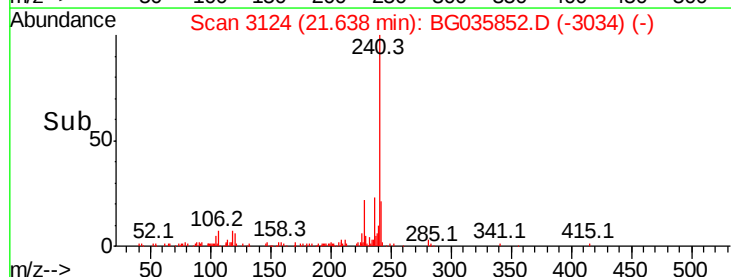
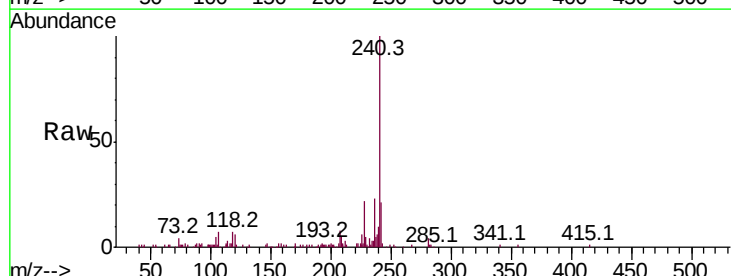
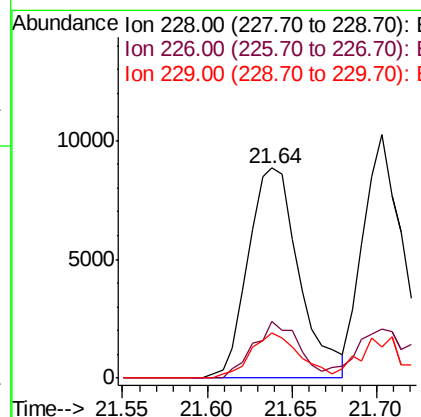
RT: 21.64 min Scan# 3124

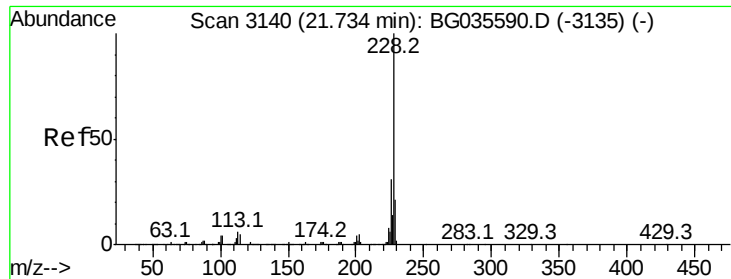
Delta R.T. -0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion:	228	Resp:	18585
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.7	34.1
229	21.5	16.2	24.2





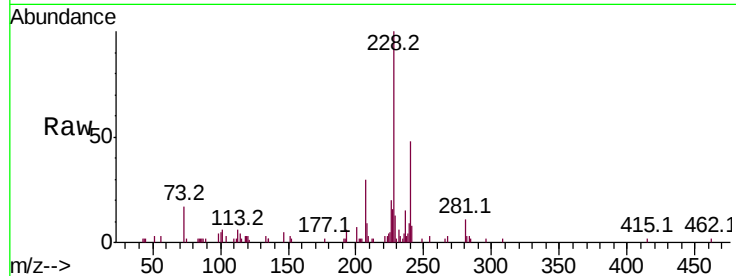
#82
 Chrysene
 Concen: 1.029 ng m
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035852.D
 Acq: 24 Jul 2018 17:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

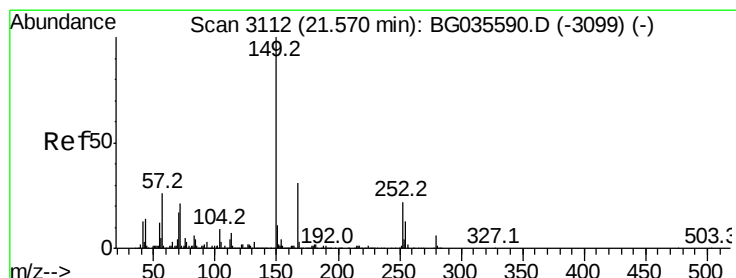
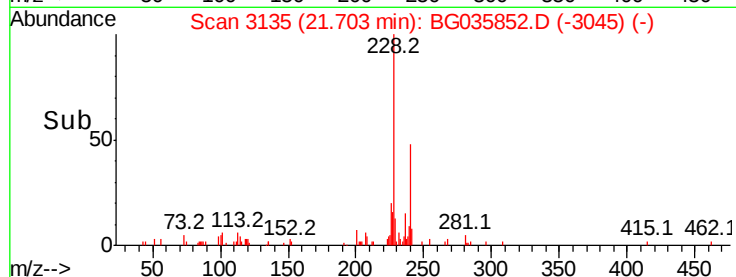
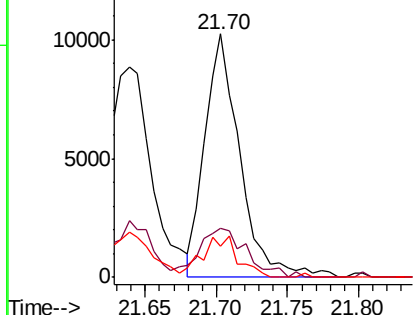
Tot Ion	Ratio	Lower	Upper
228	100		
226	20.0	24.9	37.3#
229	12.9	15.0	22.4#

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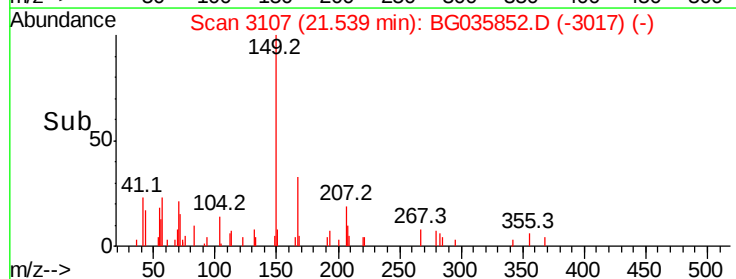
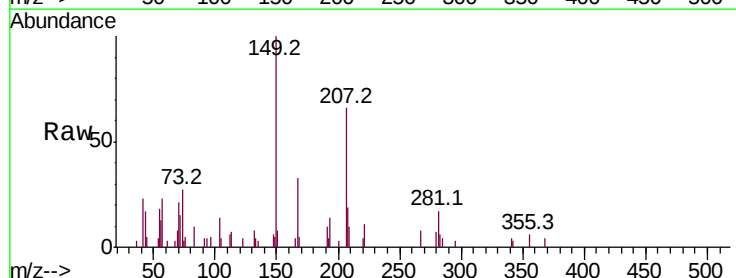
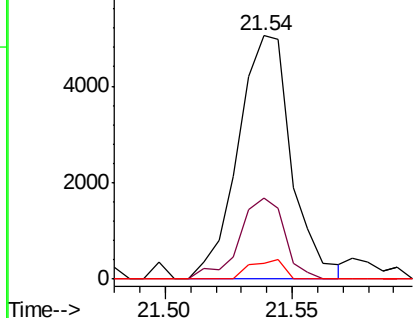
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

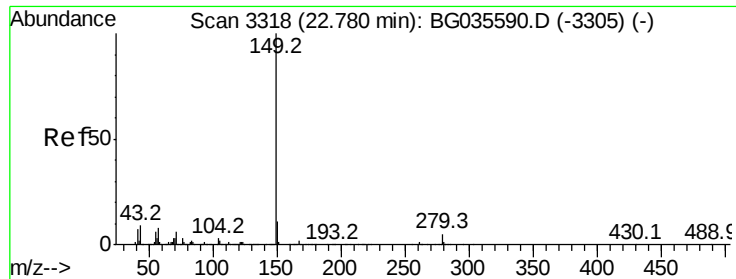


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.812 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BG035852.D
 Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.2	24.3	36.5
279	6.6	4.0	6.0#

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





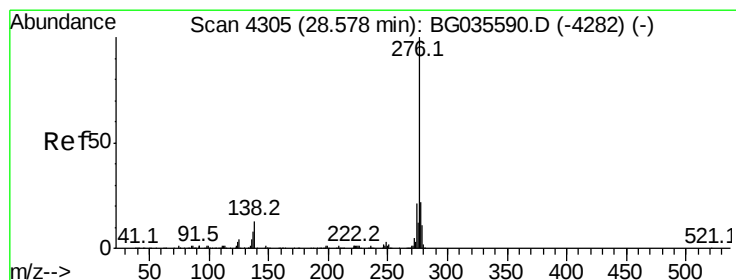
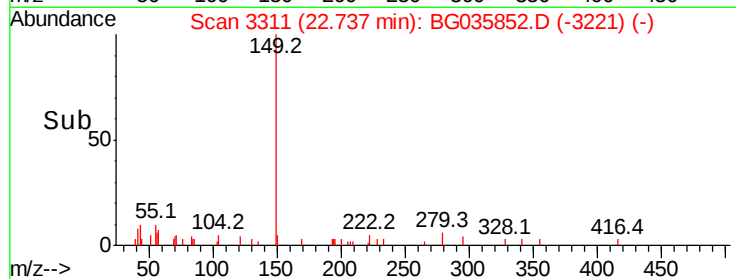
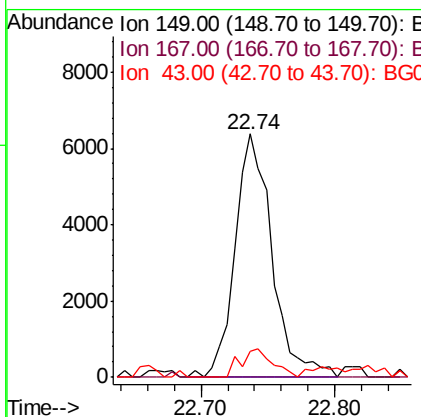
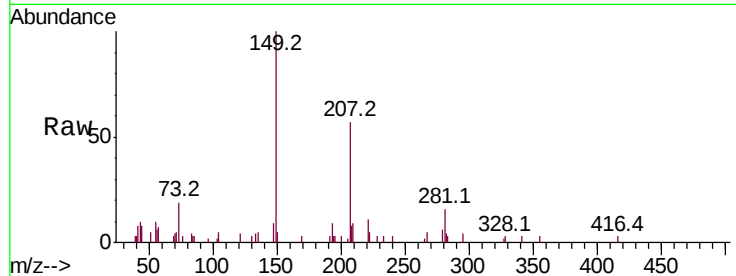
#84
Di-n-octyl phthalate
Concen: 0.796 ng
RT: 22.74 min Scan# 3311
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	10.1	8.9	13.3

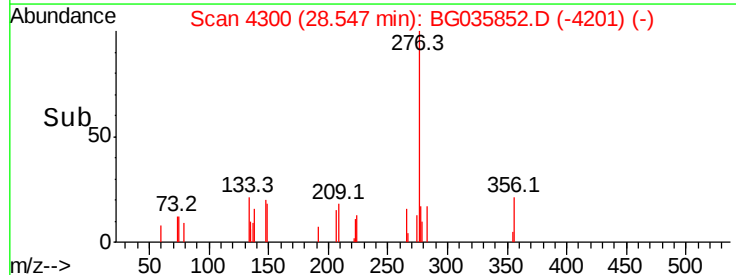
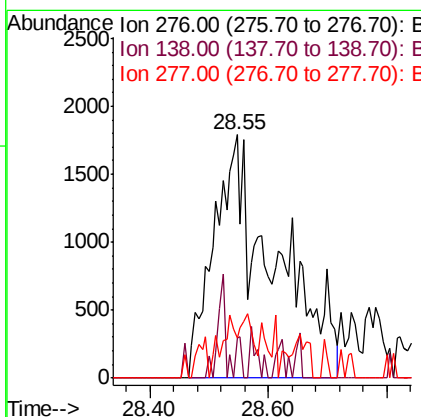
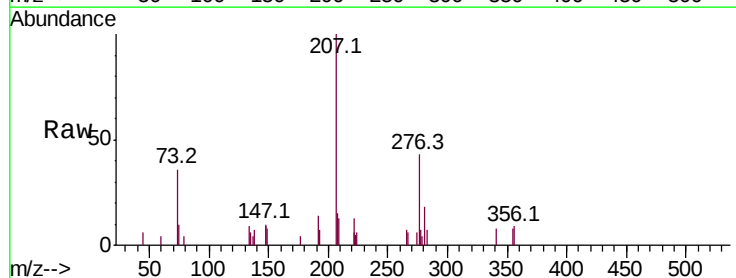
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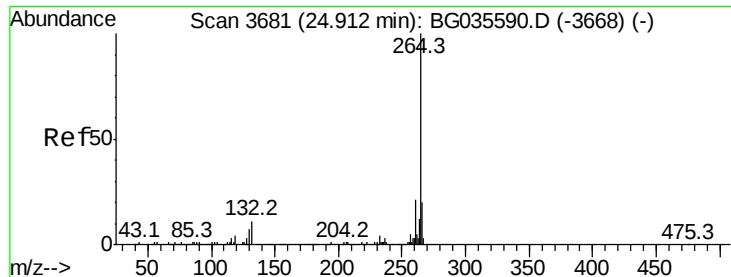
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 0.668 ng m
RT: 28.55 min Scan# 4300
Delta R.T. 0.05 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.7	16.0	24.0#
277	3.5	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: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

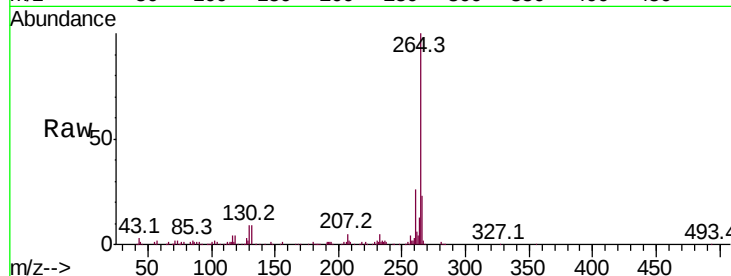
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	264	Resp:	271682
Ion Ratio	Lower	Upper	
264	100		
260	25.7	17.4	26.0
265	23.1	17.7	26.5

Manual Integrations
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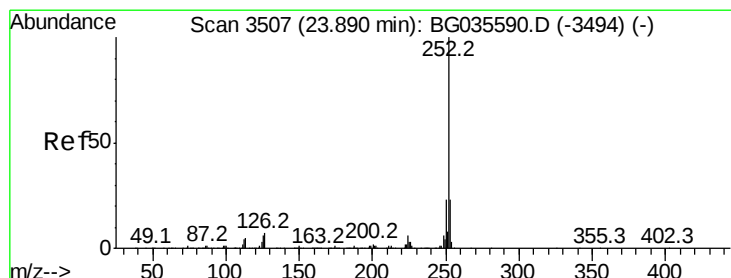
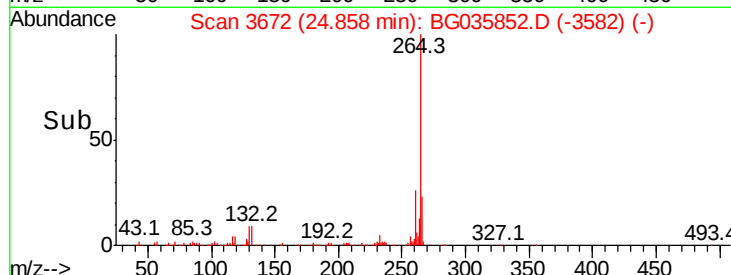
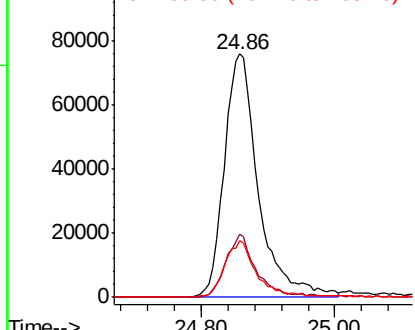


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.858 ng

RT: 23.85 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

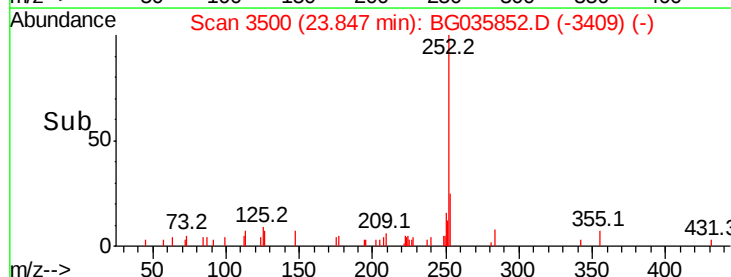
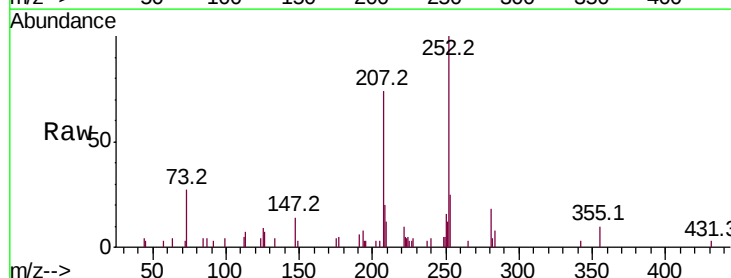
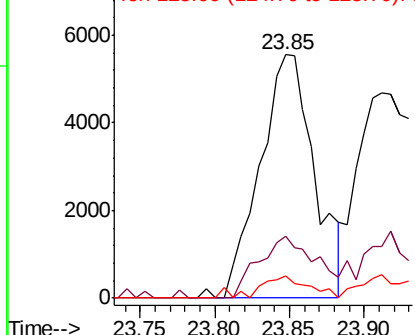
Tgt Ion:	252	Resp:	14167
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.2	27.4
125	9.1	7.2	10.8

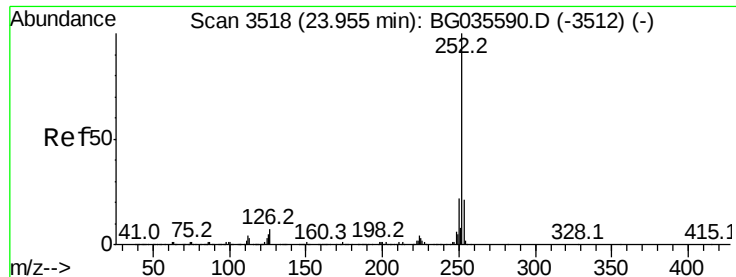
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





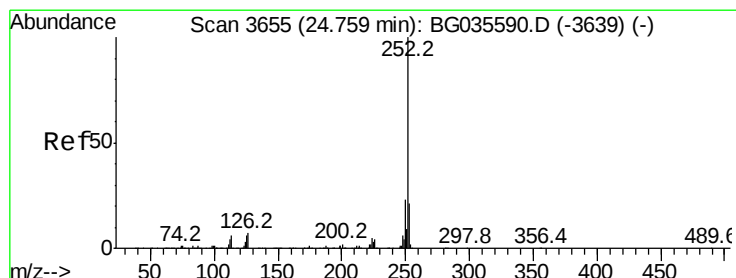
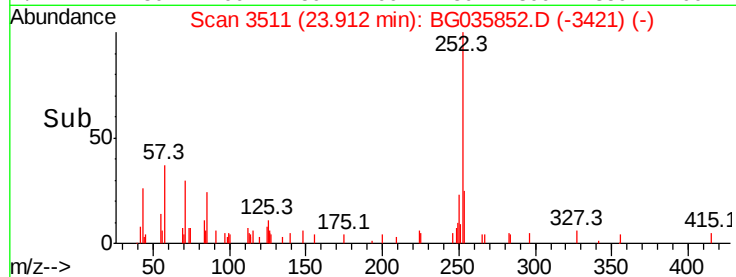
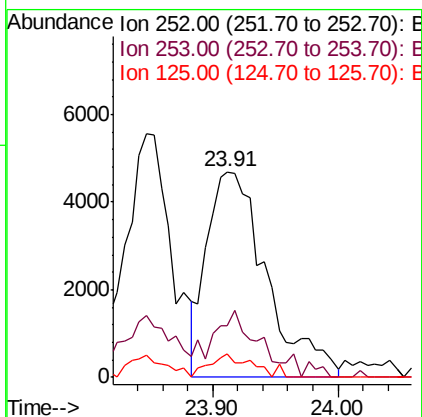
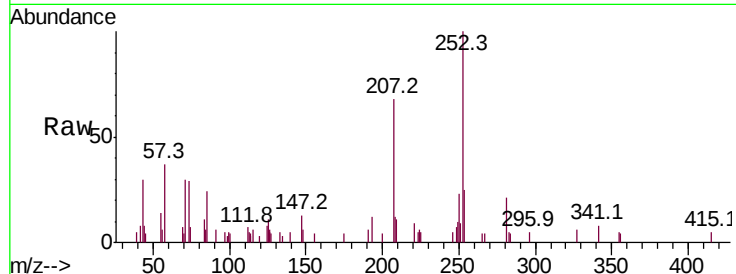
#88
Benzo(k)fluoranthene
Concen: 0.964 ng m
RT: 23.91 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	11.2	6.6	9.8

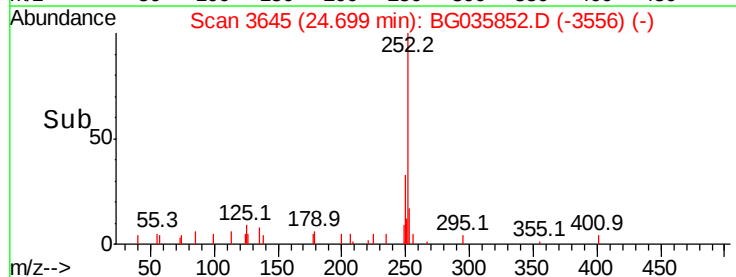
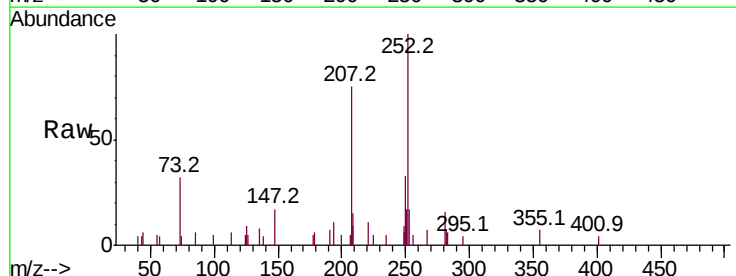
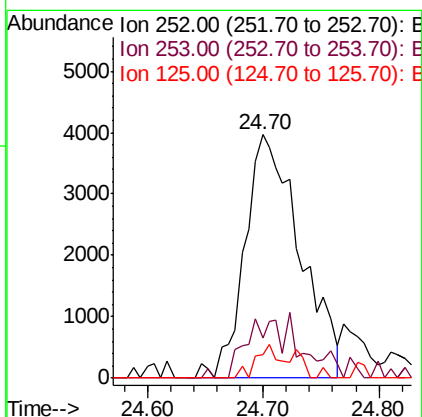
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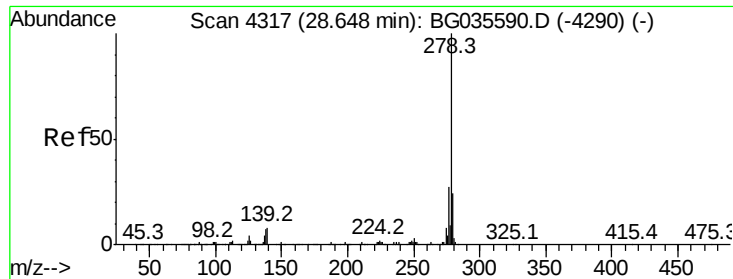
Sohil
7/25/2018 6:34:57 PM



#89
Benzo(a)pyrene
Concen: 0.858 ng
RT: 24.70 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG035852.D
Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.7	18.3	27.5
125	9.4	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 0.742 ng m

RT: 28.62 min Scan# 4313

Delta R.T. 0.06 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Instrument :

BNA_G

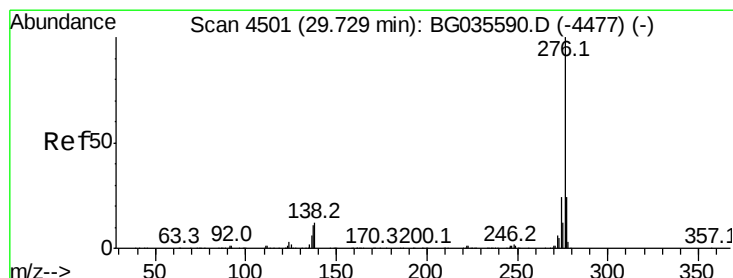
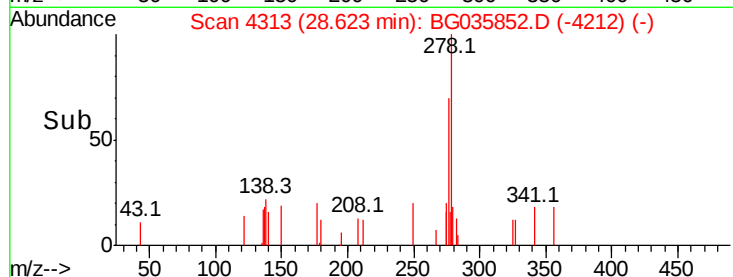
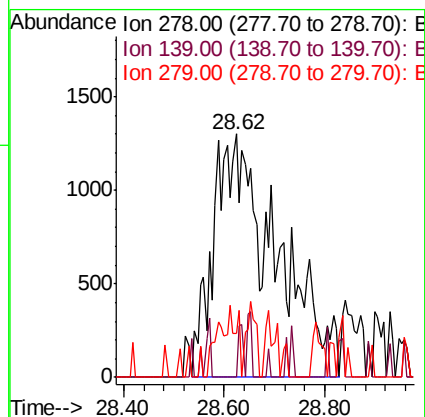
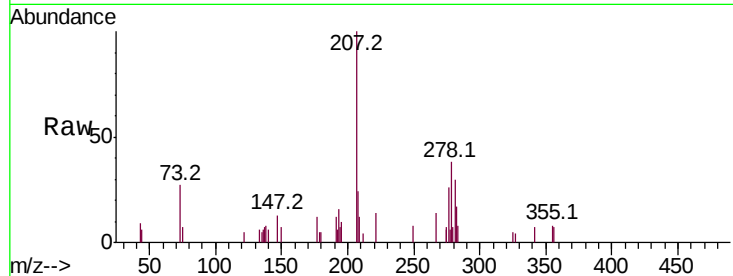
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	17.9	18.4	27.6#

Manual Integrations
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7/25/2018 6:34:57 PM



#91

Benzo(g,h,i)perylene

Concen: 0.815 ng m

RT: 29.65 min Scan# 4487

Delta R.T. 0.00 min

Lab File: BG035852.D

Acq: 24 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.3	27.5
138	0.0	13.9	20.9#

