

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037466.D
 Acq On : 20 Oct 2018 1:04
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 1PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:28 PM

Quant Time: Oct 20 06:50:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49108	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	232598	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	153273	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372418	20.00	ng	0.00
76) Chrysene-d12	21.77	240	347223	20.00	ng	0.00
87) Perylene-d12	25.10	264	333320	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	430445	146.54	ng	0.00
7) Phenol-d6	7.25	99	625495	140.83	ng	0.00
23) Nitrobenzene-d5	9.29	82	367236	88.45	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	233915	139.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	885811	87.15	ng	0.00
79) Terphenyl-d14	20.09	244	1332620	82.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	1497	1.005	ng	# 43
3) Pyridine	3.96	79	3625	0.966	ng	# 78
4) n-Nitrosodimethylamine	3.88	42	1466m	1.096	ng	
6) Aniline	7.44	93	3599	0.664	ng	# 88
8) 2-Chlorophenol	7.66	128	3770	1.097	ng	# 54
9) Benzaldehyde	7.25	77	3503	1.261	ng	# 78
10) Phenol	7.27	94	5109	1.090	ng	# 72
11) bis(2-Chloroethyl)ether	7.53	93	3770	1.059	ng	# 82
12) 1,3-Dichlorobenzene	7.99	146	4314m	1.128	ng	
13) 1,4-Dichlorobenzene	8.15	146	4131	1.056	ng	90
14) 1,2-Dichlorobenzene	8.46	146	3936	1.046	ng	98
15) Benzyl Alcohol	8.35	79	3039	0.926	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.62	45	6532	1.026	ng	92
17) 2-Methylphenol	8.53	107	2902	0.937	ng	# 89
18) Hexachloroethane	9.19	117	1520	1.139	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	2837	0.928	ng	# 84
20) 3+4-Methylphenols	8.86	107	4222	0.953	ng	93
22) Acetophenone	8.94	105	5876	1.007	ng	# 86
24) Nitrobenzene	9.32	77	4498	1.043	ng	# 92
25) Isophorone	9.84	82	7862	1.036	ng	96
26) 2-Nitrophenol	10.04	139	1773	0.912	ng	94
27) 2,4-Dimethylphenol	10.08	122	3208	0.925	ng	# 82
28) bis(2-Chloroethoxy)methane	10.33	93	4955	0.997	ng	98
29) 2,4-Dichlorophenol	10.57	162	3342	0.865	ng	75
30) 1,2,4-Trichlorobenzene	10.79	180	4161	0.991	ng	# 81
31) Naphthalene	10.98	128	12620	1.105	ng	# 94
32) Benzoic acid	10.20	122	63m	0.028	ng	
33) 4-Chloroaniline	11.09	127	3064	0.571	ng	# 92
34) Hexachlorobutadiene	11.24	225	2642	1.061	ng	# 84
35) Caprolactam	11.86	113	1028m	0.664	ng	
36) 4-Chloro-3-methylphenol	12.19	107	3529	0.810	ng	90
37) 2-Methylnaphthalene	12.58	142	9705	1.165	ng	96
38) 1-Methylnaphthalene	12.79	142	9141	1.130	ng	89
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	4850	0.981	ng	# 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	2092	0.886	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	2518	0.762	ng	# 86
44) 2,4,5-Trichlorophenol	13.24	196	2979	0.828	ng	# 88
46) 1,1'-Biphenyl	13.58	154	14443	1.138	ng	96
47) 2-Chloronaphthalene	13.62	162	10310	1.074	ng	94
48) 2-Nitroaniline	13.83	65	2079	0.714	ng	88
49) Acenaphthylene	14.46	152	15790	1.093	ng	# 90
50) Dimethylphthalate	14.19	163	12867	1.085	ng	98
51) 2,6-Dinitrotoluene	14.32	165	2007	0.765	ng	# 67
52) Acenaphthene	14.80	154	9115	1.025	ng	# 87
53) 3-Nitroaniline	14.65	138	1828	0.628	ng	86
55) Dibenzofuran	15.14	168	16925	1.148	ng	93
56) 4-Nitrophenol	14.95	139	559	0.259	ng	# 27
57) 2,4-Dinitrotoluene	15.10	165	2405	0.698	ng	# 94
58) Fluorene	15.79	166	13304	1.205	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	2141	0.695	ng	# 97
60) Diethylphthalate	15.54	149	12239	1.005	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	6601	1.026	ng	94
62) 4-Nitroaniline	15.81	138	2363	0.817	ng	89
63) Azobenzene	16.07	77	12185	1.049	ng	95
65) 4,6-Dinitro-2-methylphenol	15.86	198	74	8.539	ng	# 25
66) n-Nitrosodiphenylamine	15.99	169	10861	0.970	ng	95
67) 4-Bromophenyl-phenylether	16.67	248	3804	0.930	ng	# 85
68) Hexachlorobenzene	16.78	284	4264	1.006	ng	93
69) Atrazine	16.92	200	3517	0.868	ng	87
70) Pentachlorophenol	17.12	266	685	0.241	ng	# 81
71) Phenanthrene	17.53	178	22536	1.191	ng	96
72) Anthracene	17.62	178	20659	1.112	ng	96
73) Carbazole	17.89	167	17544	0.944	ng	100
74) Di-n-butylphthalate	18.43	149	19811	0.958	ng	96
75) Fluoranthene	19.53	202	23961	1.116	ng	94
77) Benzidine	19.72	184	2315	0.196	ng	# 95
78) Pyrene	19.90	202	23459	1.034	ng	98
80) Butylbenzylphthalate	20.77	149	7041	0.758	ng	88
81) Benzo(a)anthracene	21.75	228	23131	1.126	ng	97
82) 3,3'-Dichlorobenzidine	21.66	252	4185	0.526	ng	# 86
83) Chrysene	21.81	228	22849	1.157	ng	94
84) Bis(2-ethylhexyl)phthalate	21.63	149	10543	0.810	ng	# 94
85) Di-n-octyl phthalate	22.88	149	15599	0.735	ng	# 94
86) Indeno(1,2,3-cd)pyrene	28.92	276	13414m	0.633	ng	
88) Benzo(b)fluoranthene	24.03	252	19624	1.074	ng	94
89) Benzo(k)fluoranthene	24.10	252	20955m	1.170	ng	
90) Benzo(a)pyrene	24.95	252	17963	1.034	ng	# 91
91) Dibenzo(a,h)anthracene	29.02	278	9804m	0.612	ng	
92) Benzo(g,h,i)perylene	30.12	276	13578m	0.838	ng	

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



#1

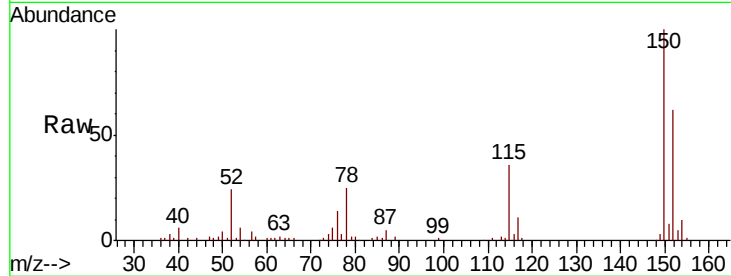
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.0	189.0
115	58.7	45.5	68.3

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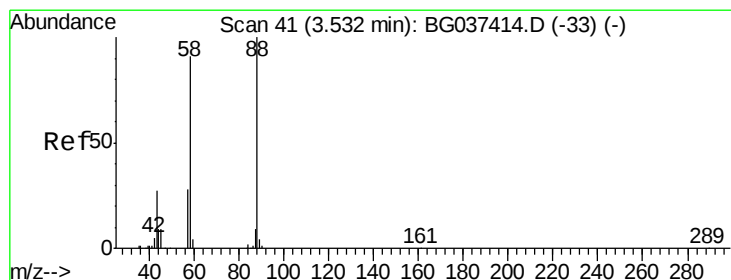
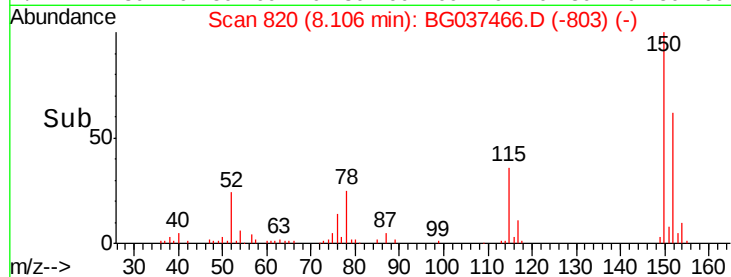
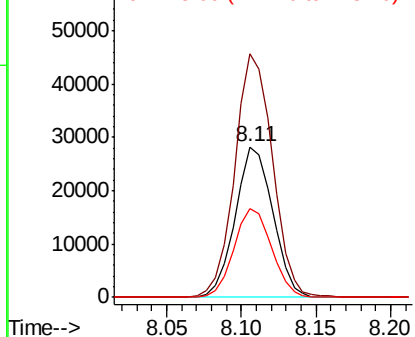


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

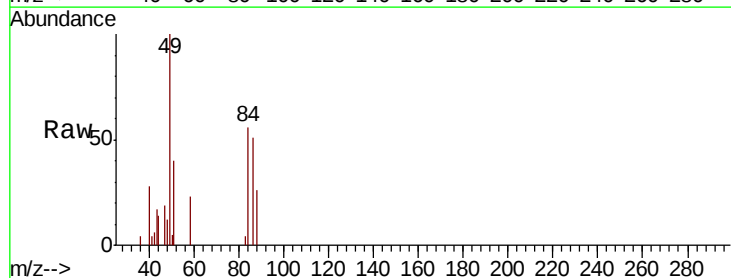
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 1.005 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	147.0	74.4	111.6#
43	0.0	25.8	38.8#

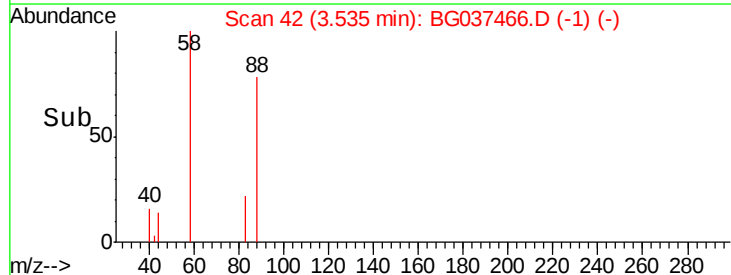
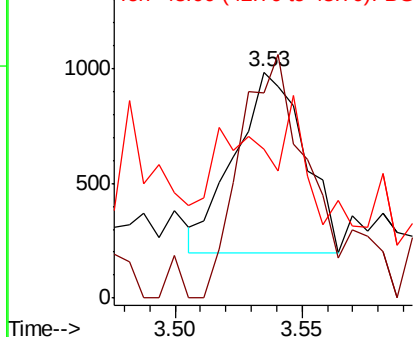


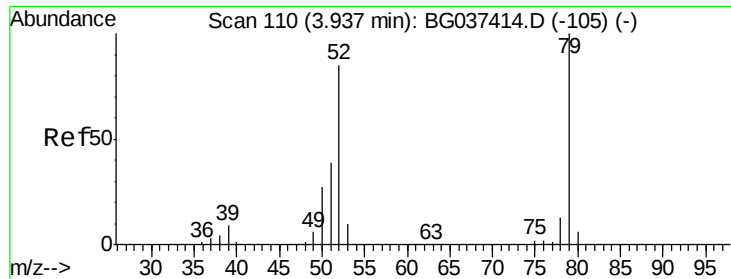
Abundance

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

Pyridine

Concen: 0.966 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

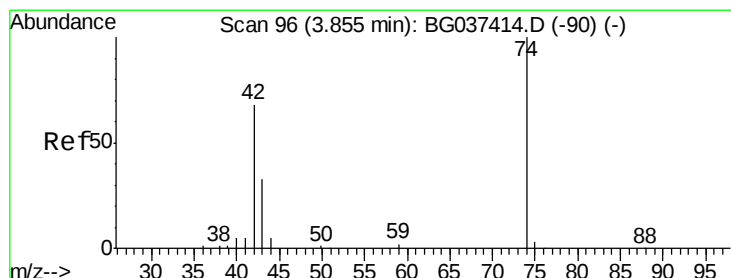
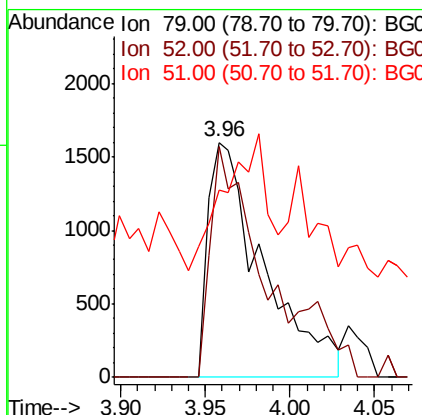
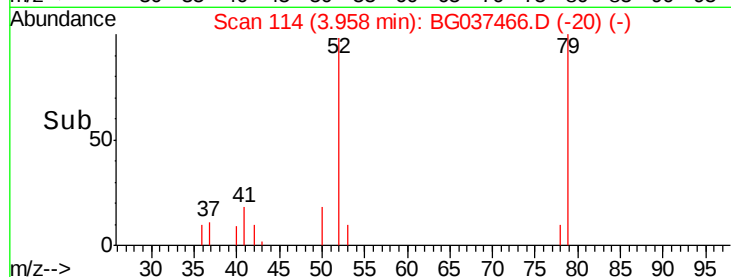
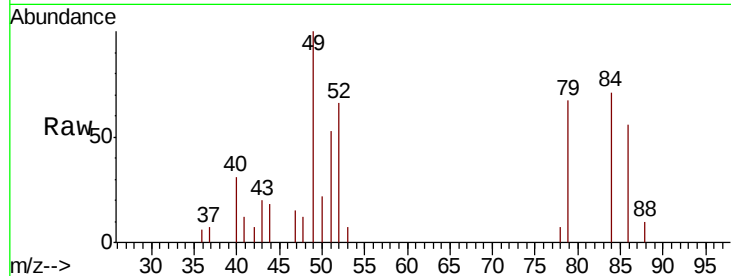
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Tgt Ion: 79 Resp: 3625

Ion	Ratio	Lower	Upper
79	100		
52	98.2	74.2	111.2
51	79.9	34.6	51.8#

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#4

n-Nitrosodimethylamine

Concen: 1.096 ng m

RT: 3.88 min Scan# 100

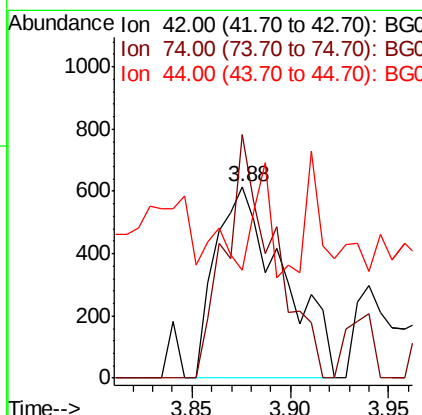
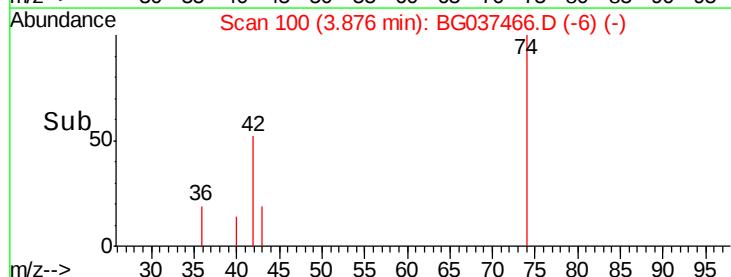
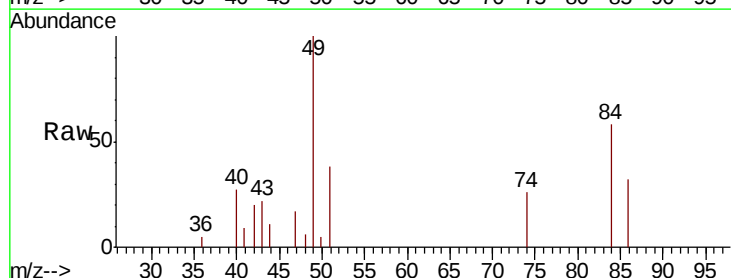
Delta R.T. 0.02 min

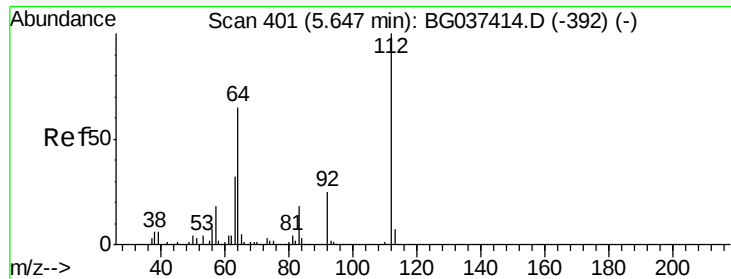
Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion: 42 Resp: 1466

Ion	Ratio	Lower	Upper
42	100		
74	126.9	102.0	153.0
44	56.5	9.6	14.4#





#5

2-Fluorophenol

Concen: 146.542 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

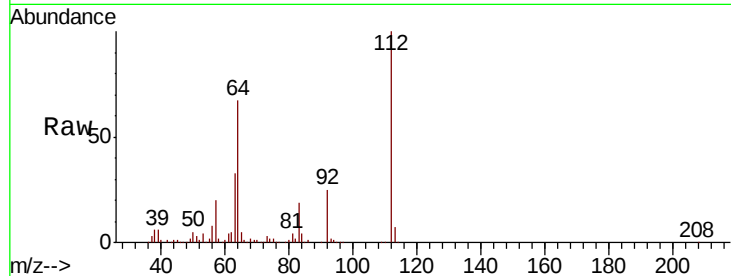
ClientSampleId :

MDL-WATER-03-QT4-2018

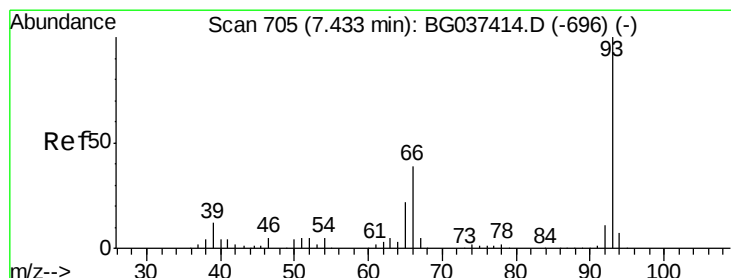
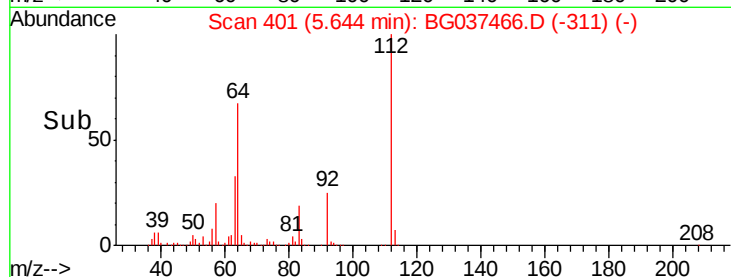
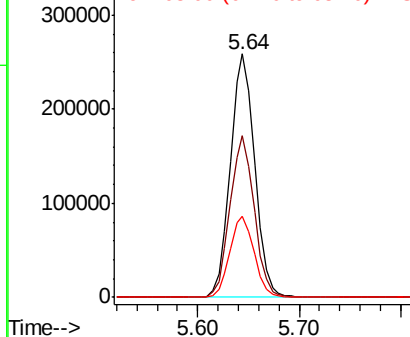
Tgt Ion:	112	Resp:	430445
Ion Ratio	Lower	Upper	
112	100		
64	66.6	53.1	79.7
63	33.1	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.664 ng

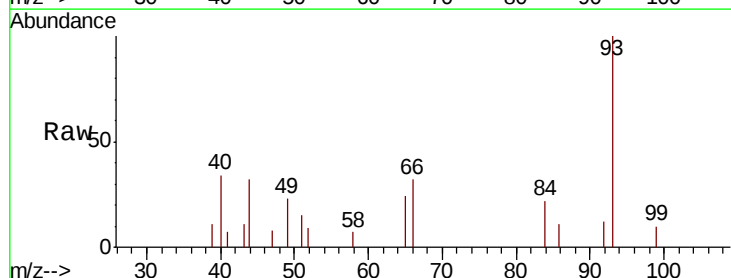
RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

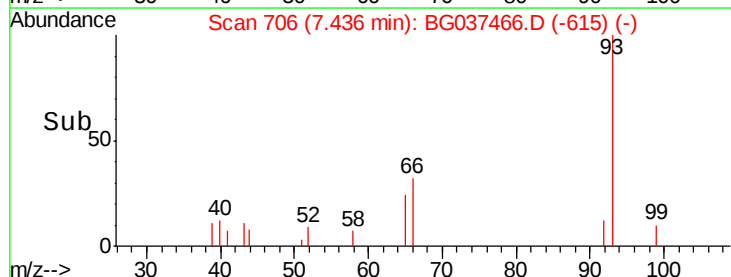
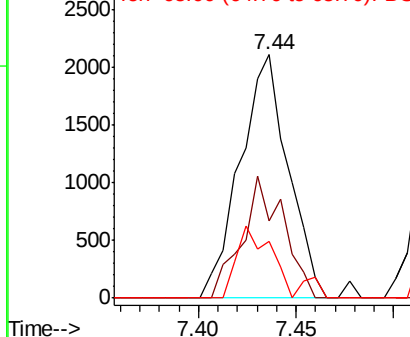
Lab File: BG037466.D

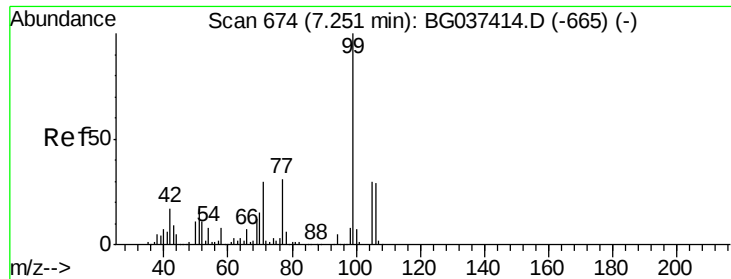
Acq: 20 Oct 2018 1:04

Tgt Ion:	93	Resp:	3599
Ion Ratio	Lower	Upper	
93	100		
66	31.6	32.8	49.2#
65	23.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.826 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

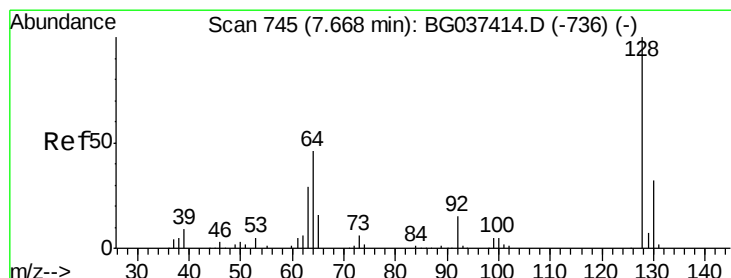
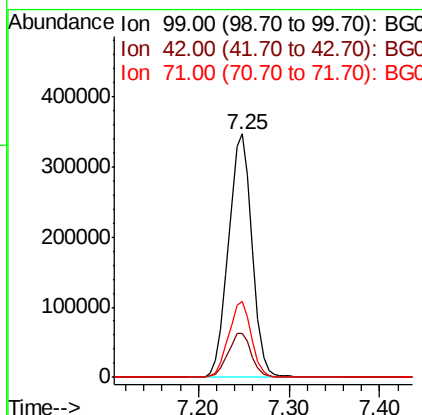
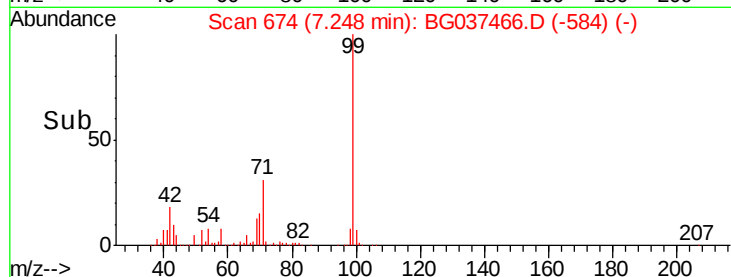
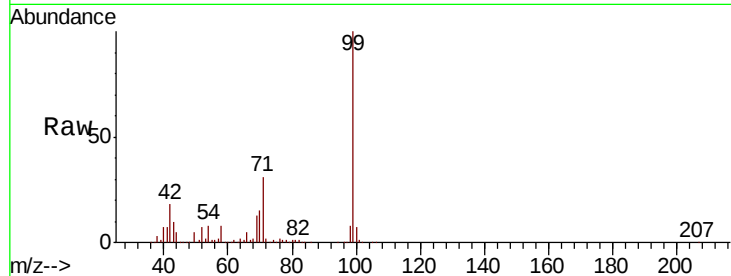
ClientSampleId :

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Tgt Ion:	99	Resp:	625495
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	31.1	25.5	38.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 1.097 ng

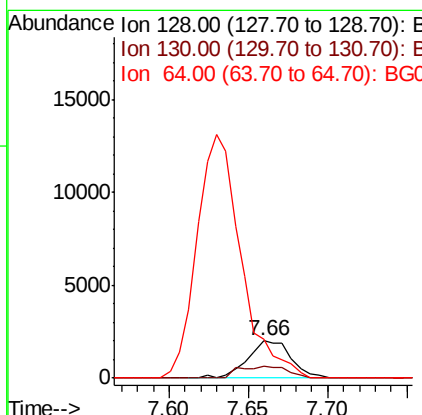
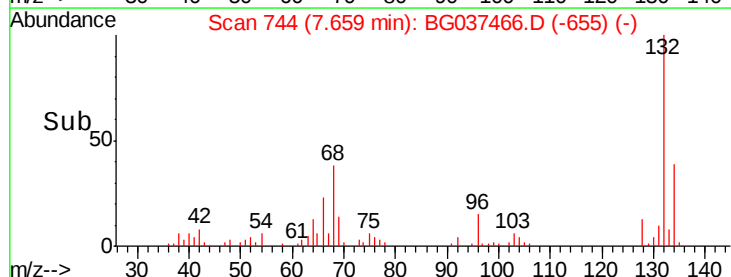
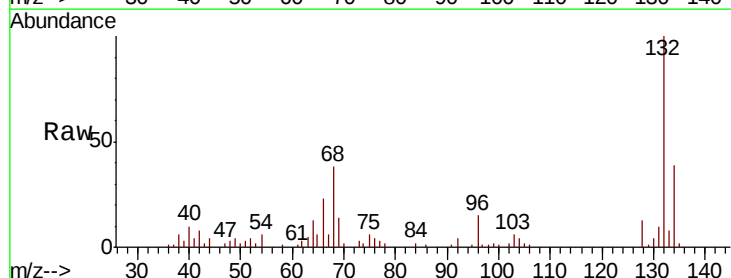
RT: 7.66 min Scan# 744

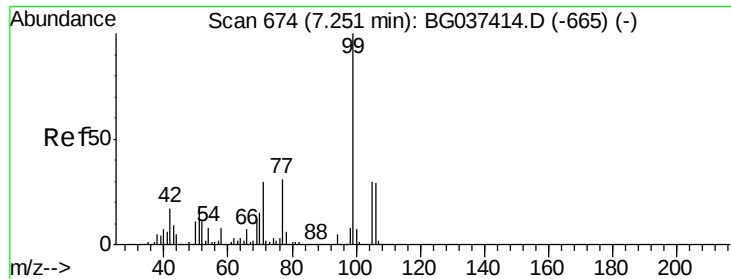
Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:	128	Resp:	3770
Ion	Ratio	Lower	Upper
128	100		
130	30.8	12.0	52.0
64	104.2	32.9	72.9#





#9

Benzaldehyde

Concen: 1.261 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

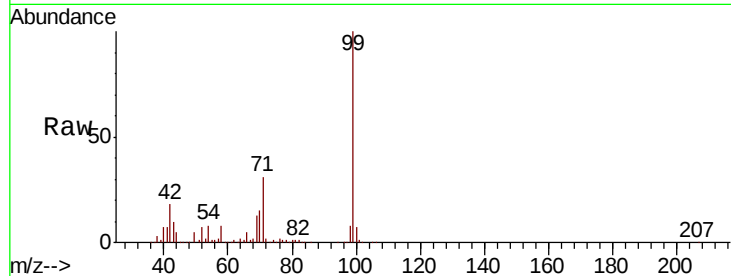
ClientSampleId :

MDL-WATER-03-QT4-2018

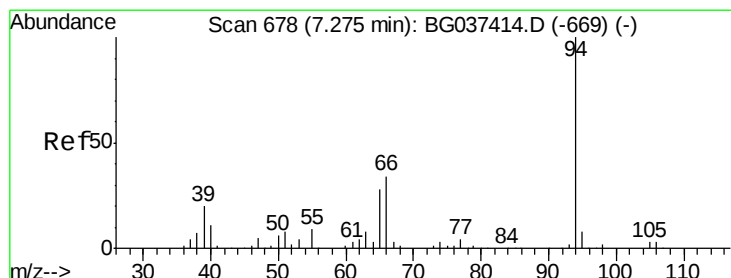
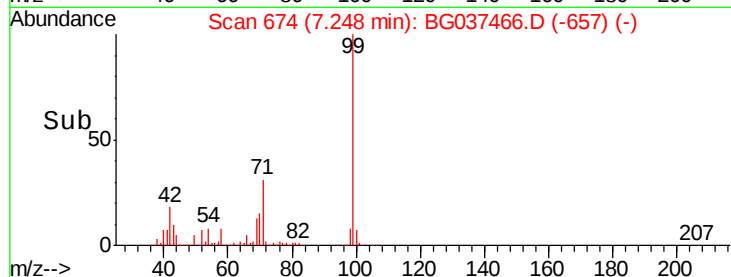
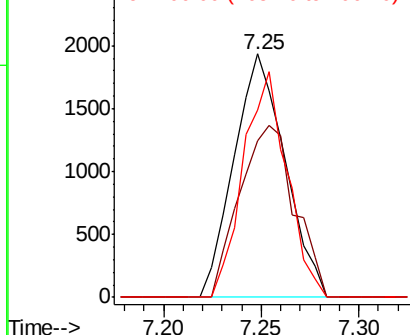
Tgt Ion	Ratio	Lower	Upper
77	100		
105	64.2	72.6	112.6#
106	76.9	71.3	111.3

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.090 ng

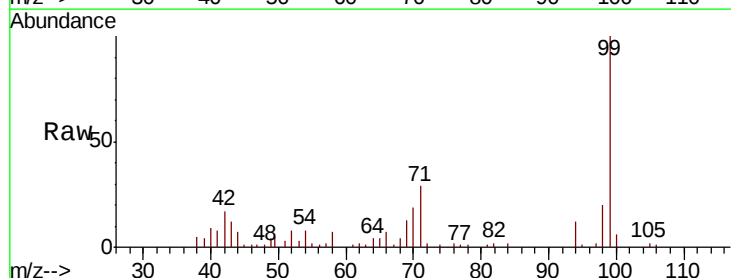
RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

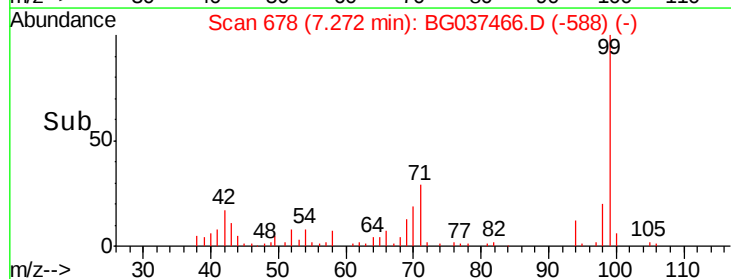
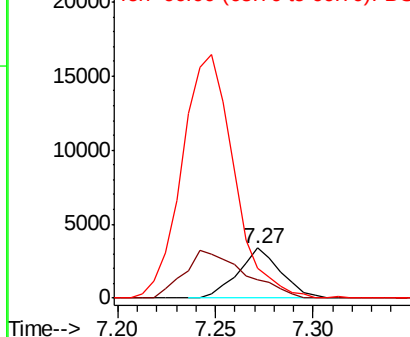
Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	9.7	49.7
66	60.0	15.9	55.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





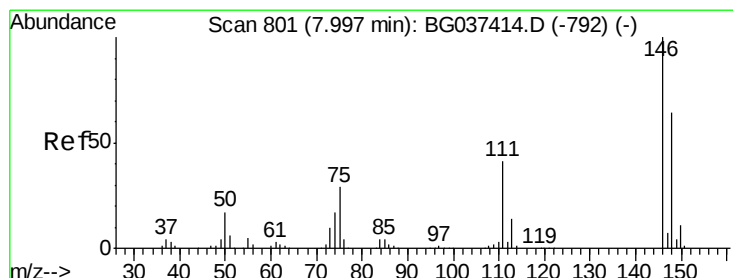
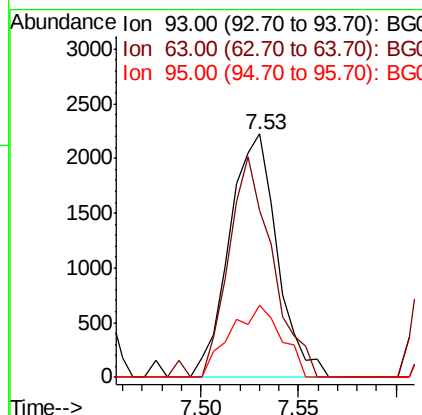
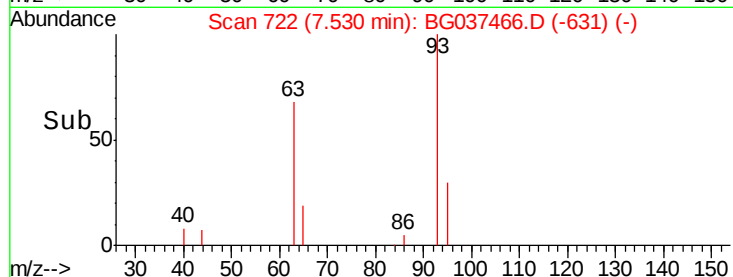
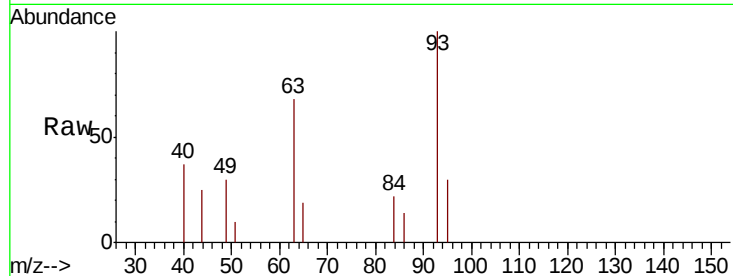
#11
bis(2-Chloroethyl)ether
Concen: 1.059 ng
RT: 7.53 min Scan# 722
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.5	69.5	109.5#
95	29.8	12.6	52.6

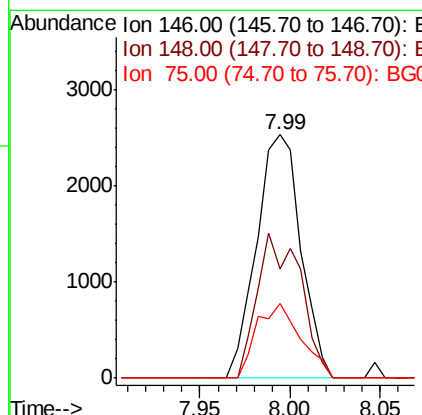
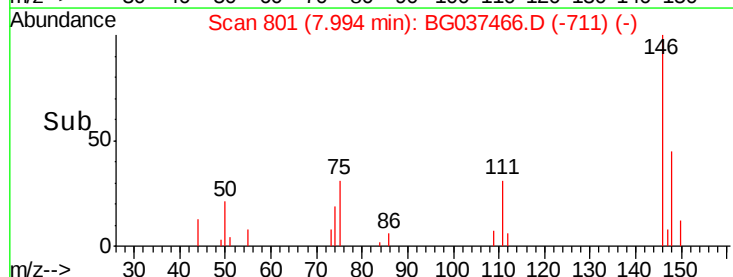
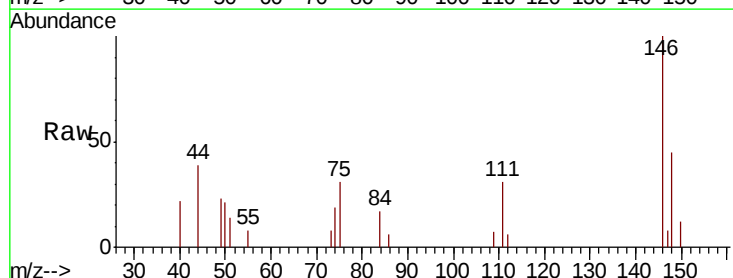
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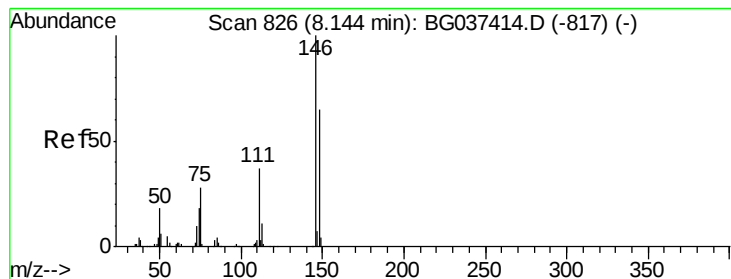
Sohil
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#12
1,3-Dichlorobenzene
Concen: 1.128 ng m
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	44.9	49.8	74.8#
75	30.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 1.056 ng

RT: 8.15 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

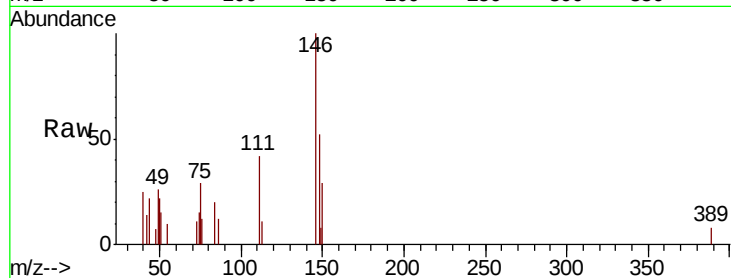
ClientSampleId :

MDL-WATER-03-QT4-2018

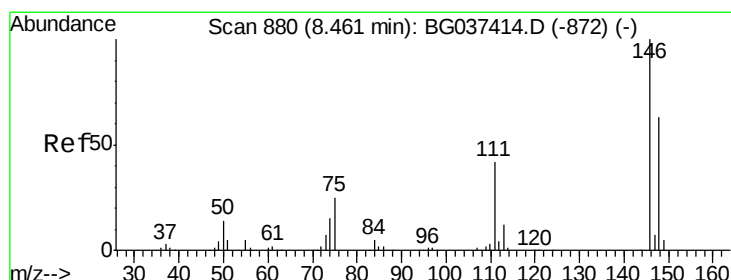
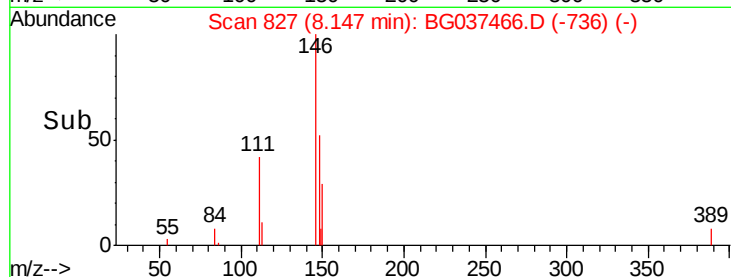
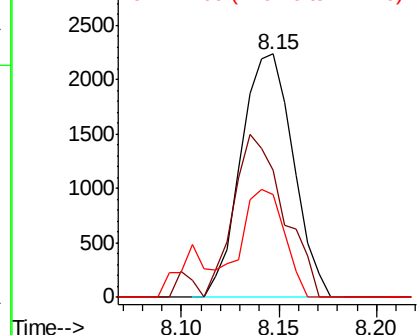
Tgt Ion:	146	Resp:	4131
Ion Ratio	Lower	Upper	
146	100		
148	52.4	51.0	76.6
111	42.0	32.4	48.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 1.046 ng

RT: 8.46 min Scan# 880

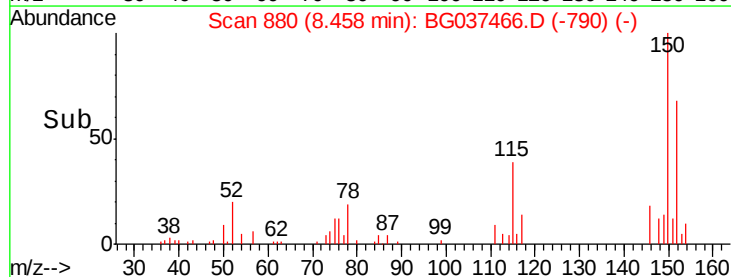
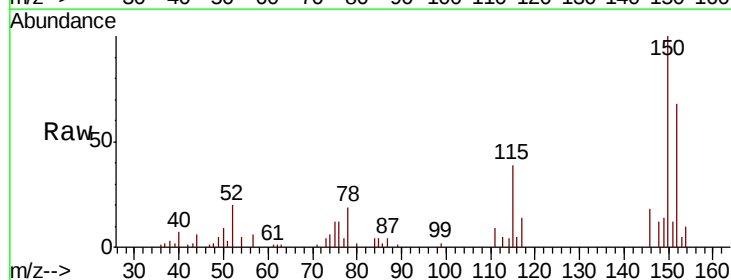
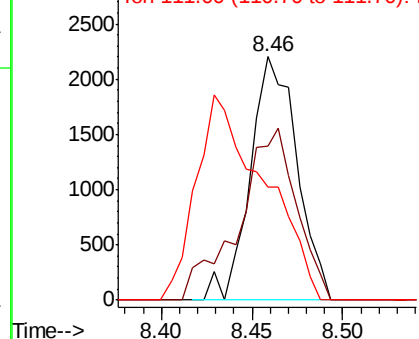
Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:	146	Resp:	3936
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
111	46.6	34.6	51.8

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.926 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

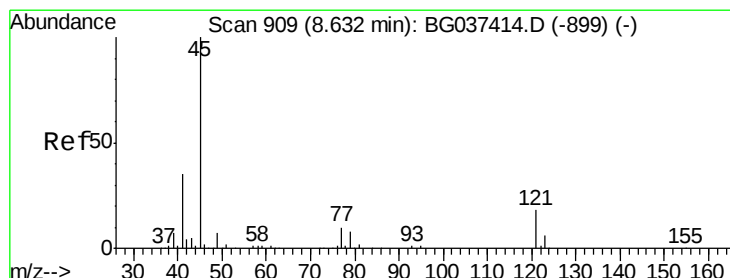
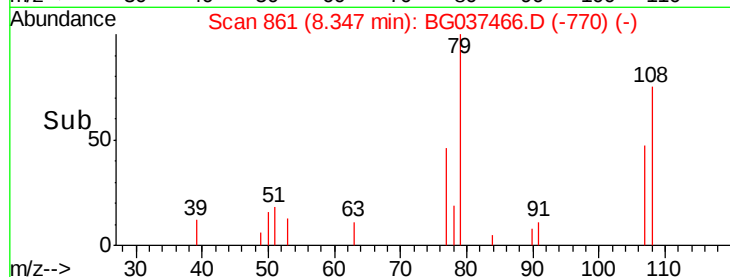
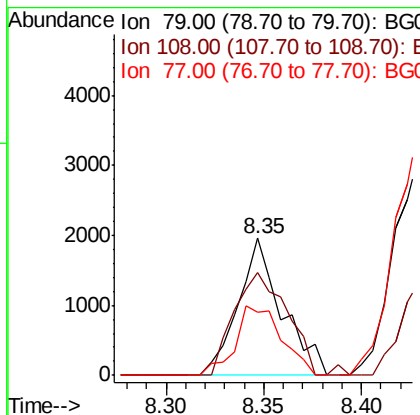
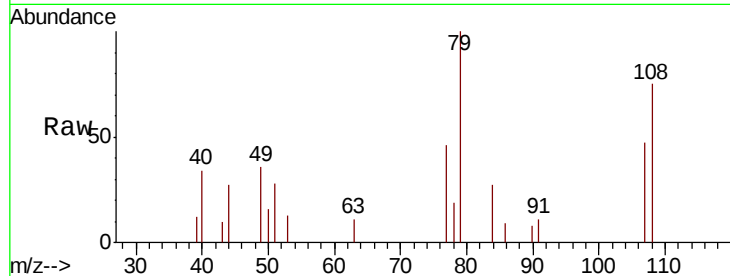
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	79	Resp:	3039
Ion	Ratio	Lower	Upper
79	100		
108	75.4	65.8	98.8
77	46.0	52.9	79.3#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.026 ng

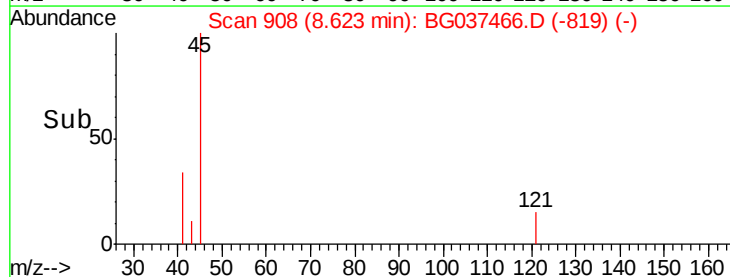
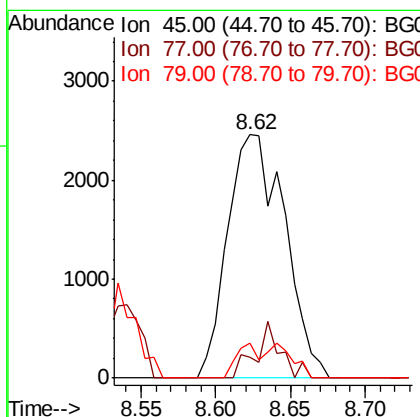
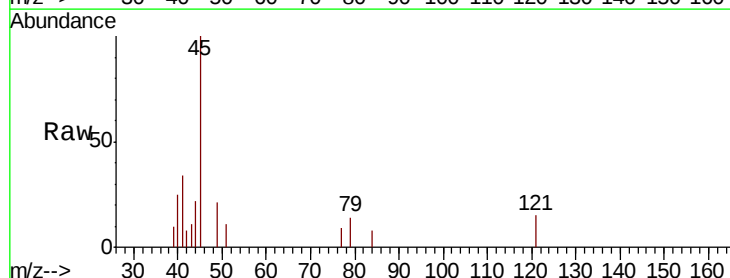
RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:	45	Resp:	6532
Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	30.0
79	14.1	0.0	29.0





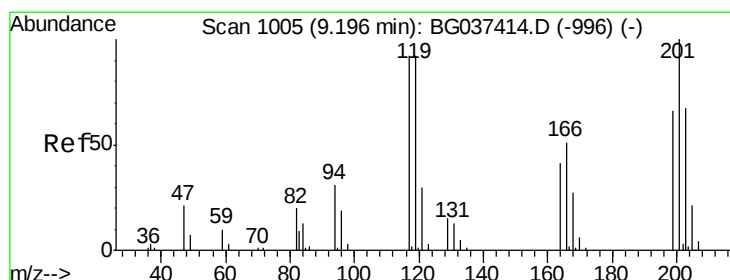
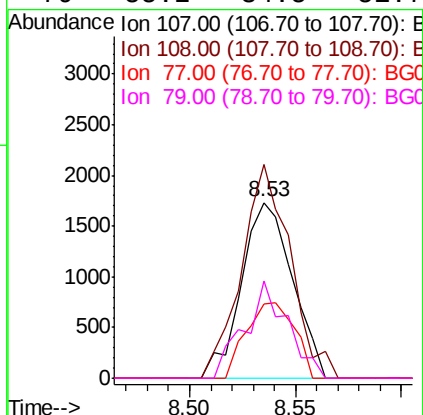
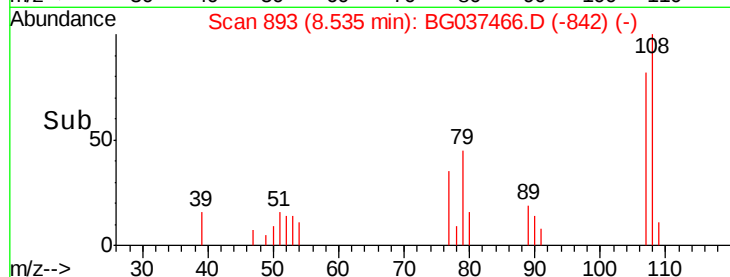
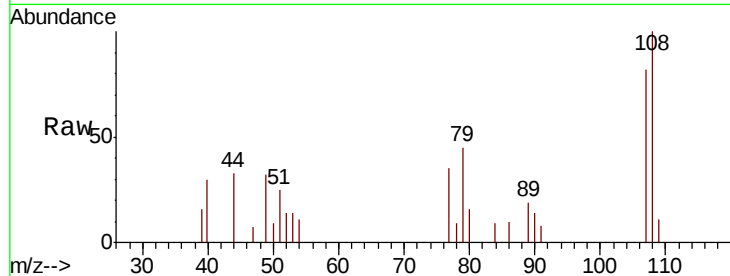
#17
2-Methylphenol
Concen: 0.937 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	2902		
108	121.7	87.9	131.9	
77	42.1	35.1	52.7	
79	55.2	34.5	51.7	

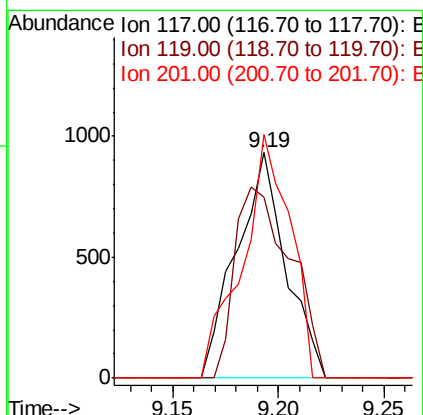
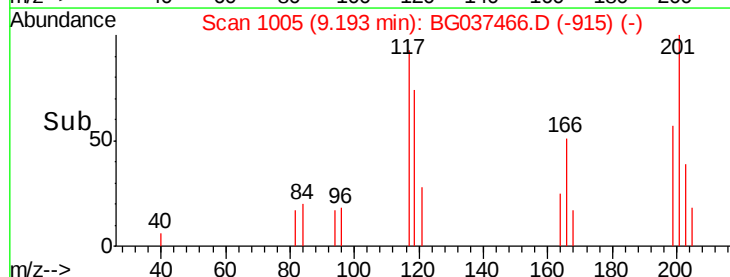
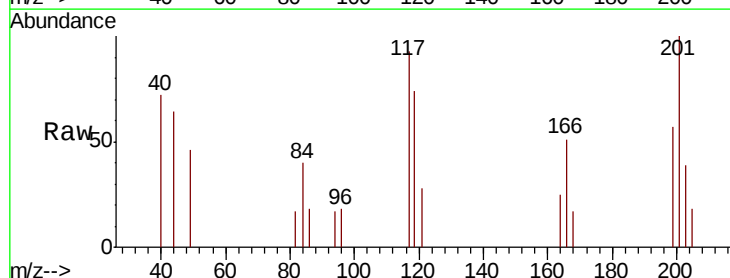
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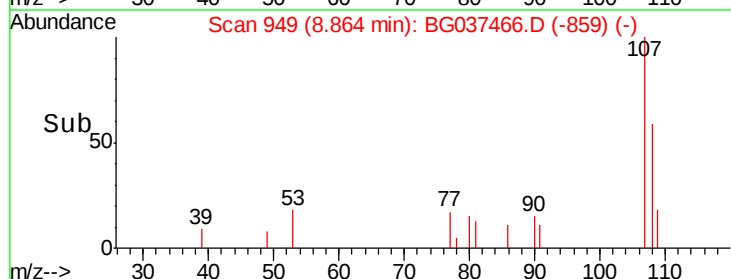
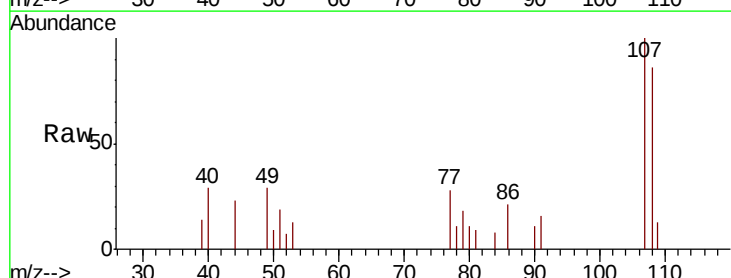
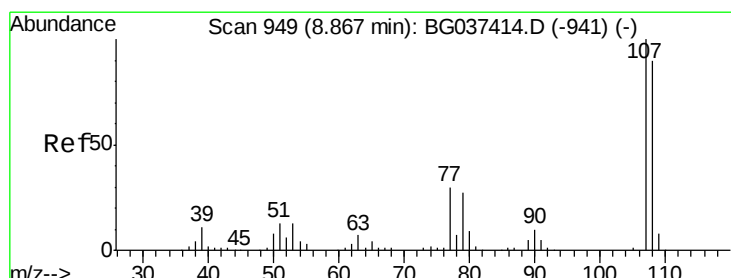
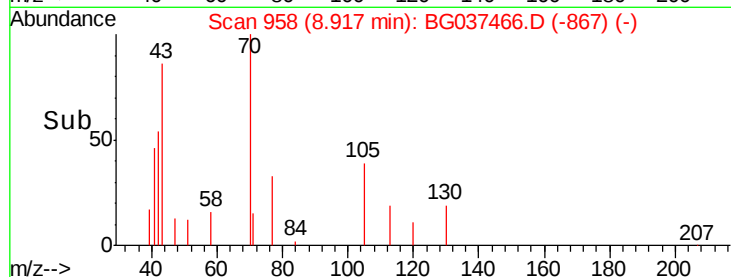
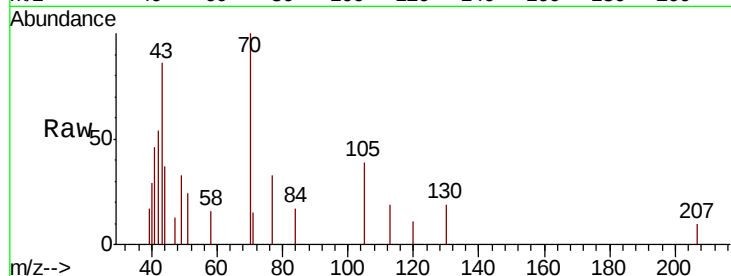
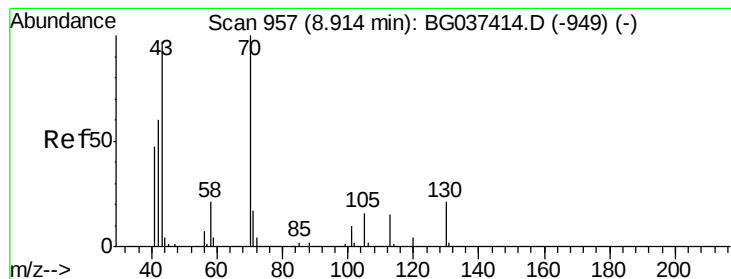
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#18
Hexachloroethane
Concen: 1.139 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1520		
119	80.3	74.6	111.8	
201	107.9	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 0.928 ng

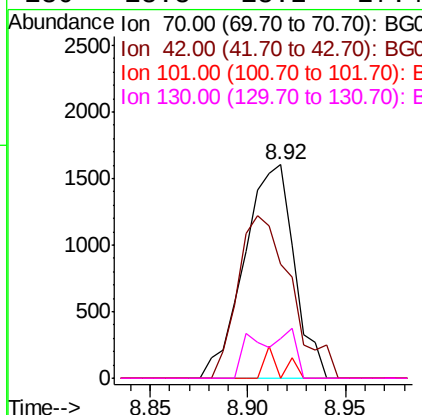
RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	53.9	80.9#
101	0.0	8.2	12.2#
130	18.8	18.2	27.4



Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

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#20

3+4-Methylphenols

Concen: 0.953 ng

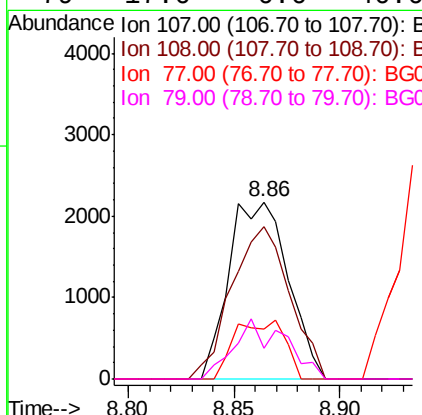
RT: 8.86 min Scan# 949

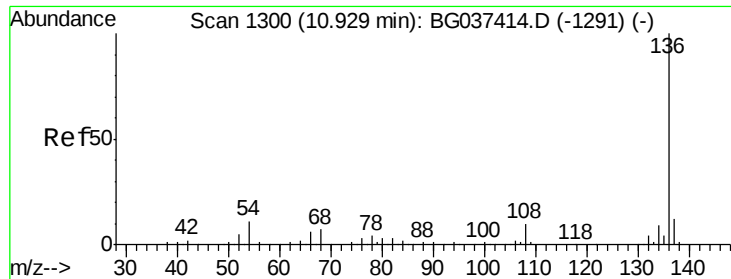
Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	28.4	11.2	51.2
79	17.6	6.6	46.6





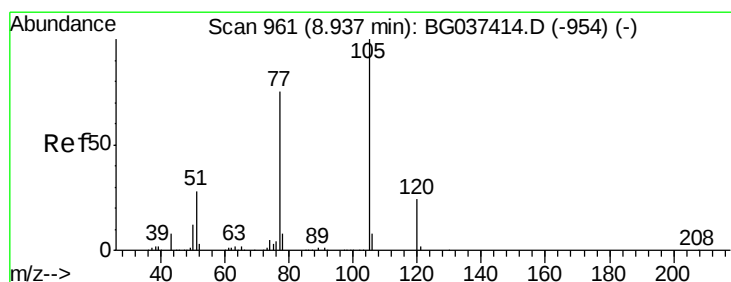
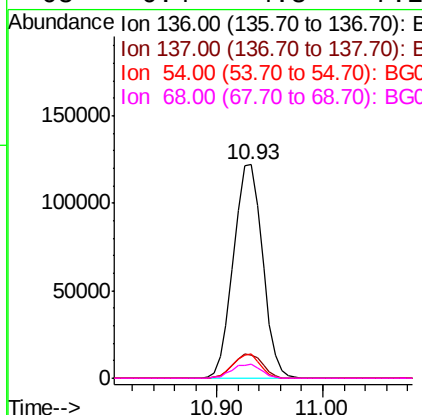
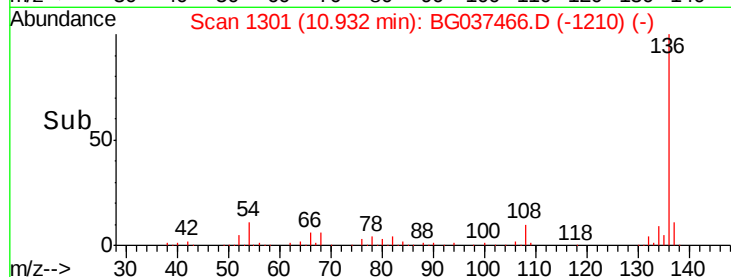
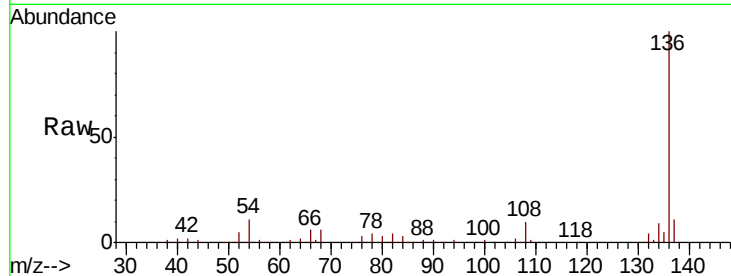
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	232598		
137	11.1	9.6	14.4	
54	11.3	7.9	11.9	
68	6.4	4.8	7.2	

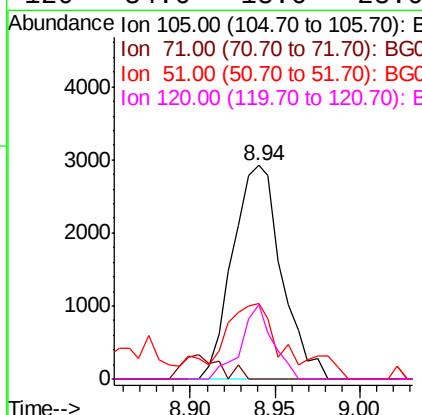
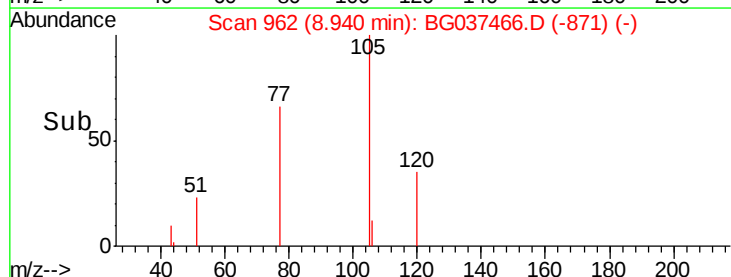
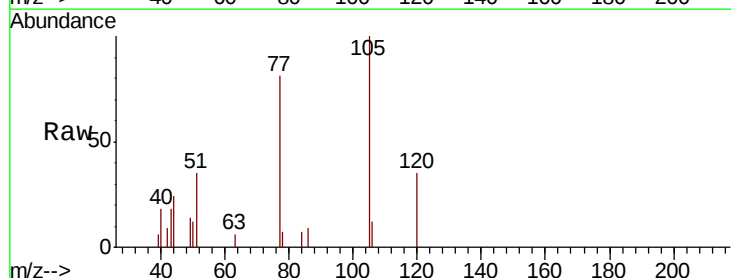
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#22
Acetophenone
Concen: 1.007 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	5876		
71	0.0	1.2	1.8#	
51	35.4	25.0	37.6	
120	34.6	18.6	28.0#	





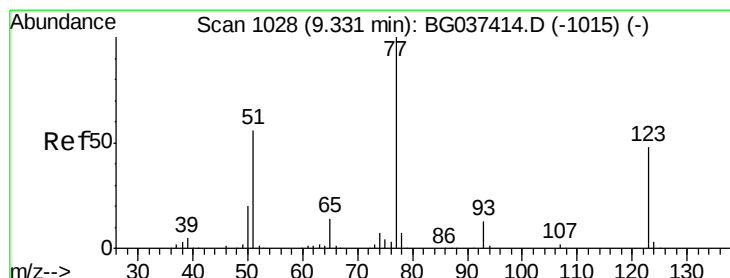
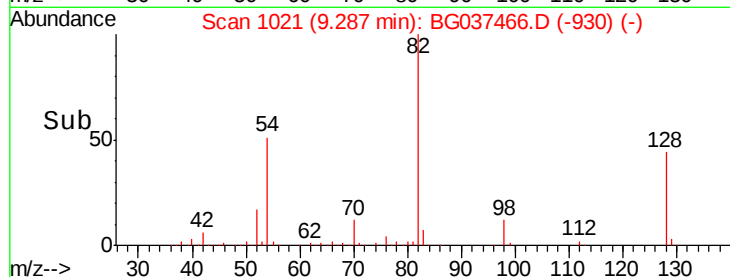
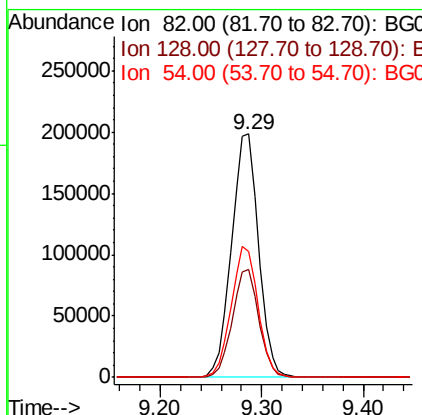
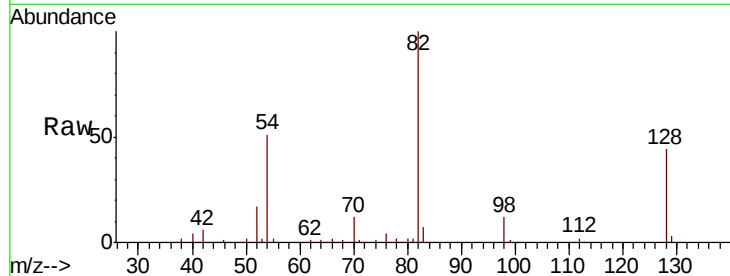
#23
Nitrobenzene-d5
Concen: 88.445 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	367236		
128	44.2	34.6	51.8	
54	51.5	45.3	67.9	

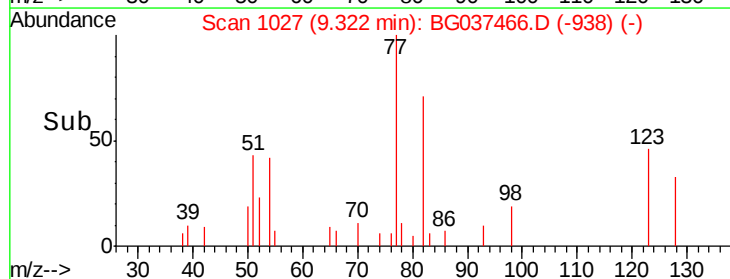
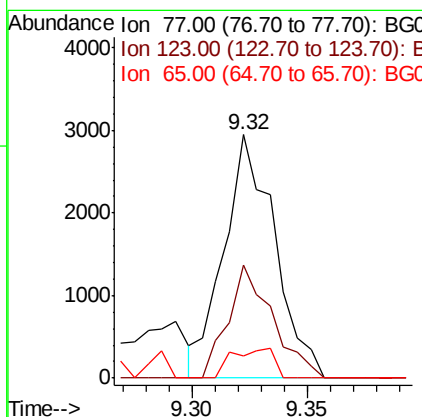
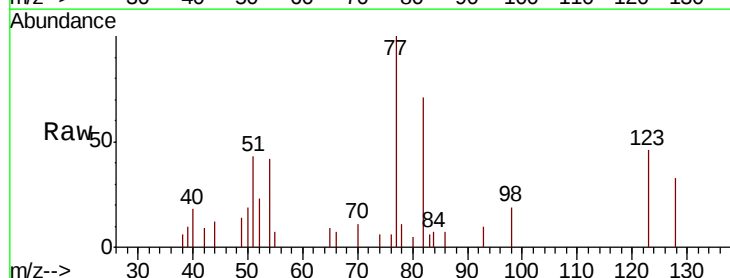
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#24
Nitrobenzene
Concen: 1.043 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	4498		
123	46.3	33.6	50.4	
65	9.0	11.3	16.9	





#25

Isophorone

Concen: 1.036 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

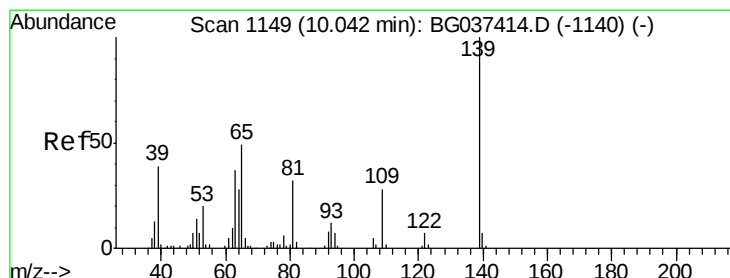
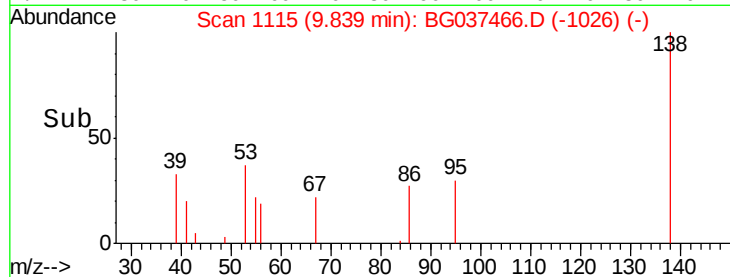
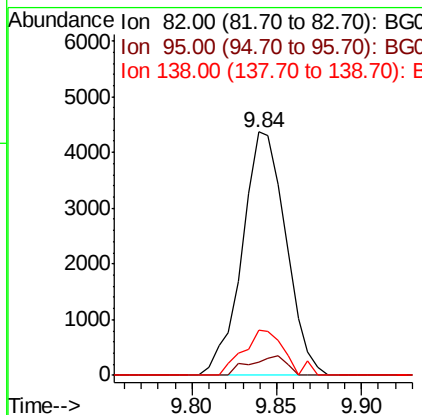
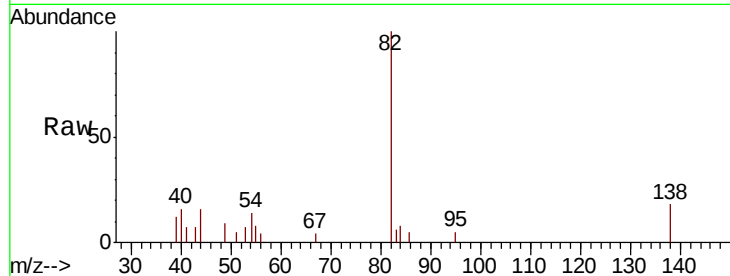
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	82	Resp:	7862
Ion Ratio	Lower	Upper	
82	100		
95	5.5	5.3	7.9
138	18.5	13.3	19.9

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#26

2-Nitrophenol

Concen: 0.912 ng

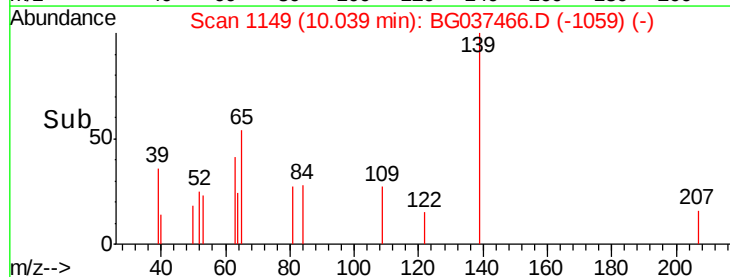
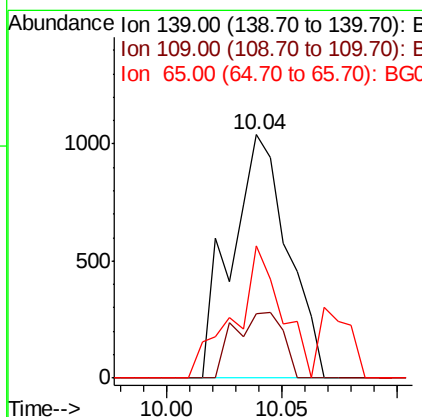
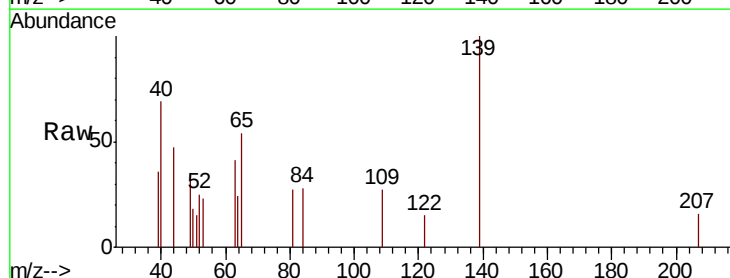
RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:	139	Resp:	1773
Ion Ratio	Lower	Upper	
139	100		
109	26.5	23.3	34.9
65	54.3	39.8	59.8





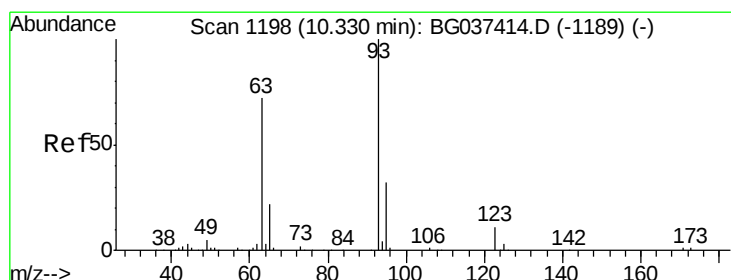
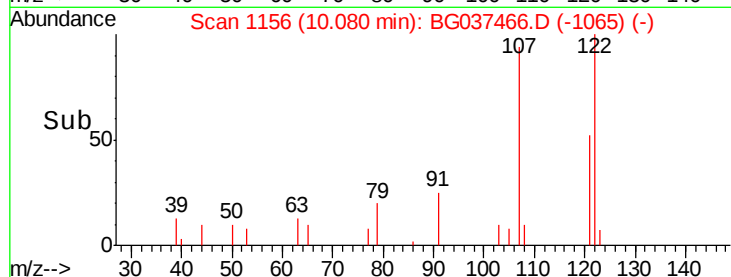
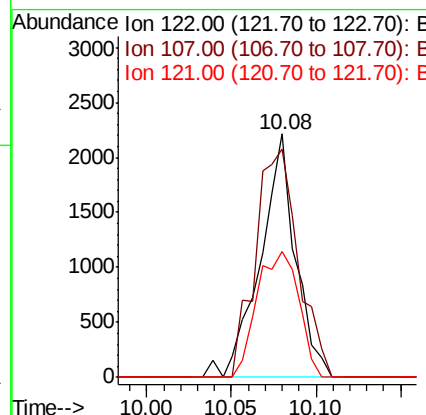
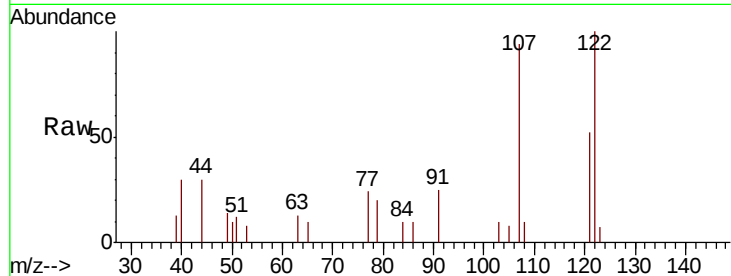
#27
 2,4-Dimethylphenol
 Concen: 0.925 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
122	100		
107	93.7	94.2	141.2#
121	51.9	47.3	70.9

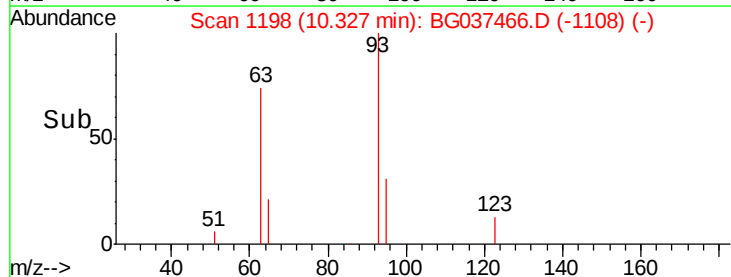
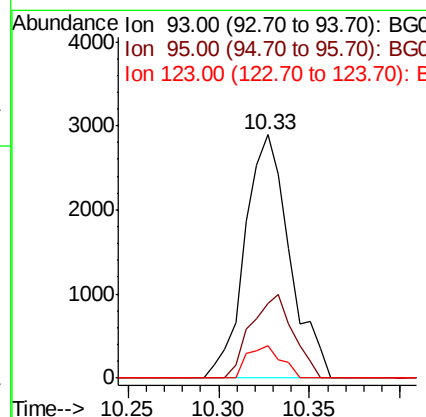
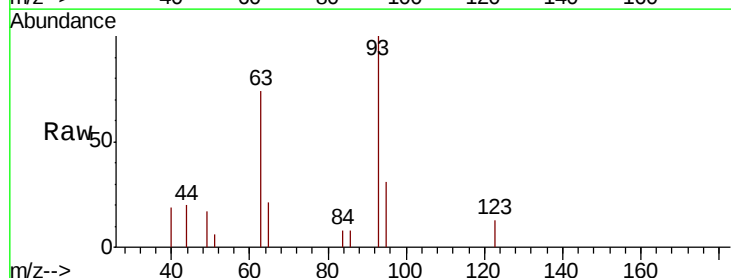
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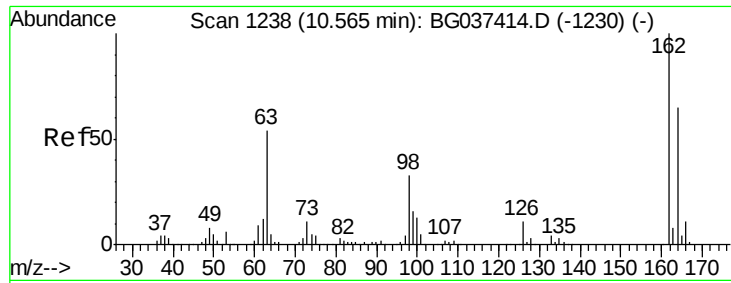
Sohil
 10/22/2018 3:39:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.997 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	24.6	37.0
123	13.5	9.1	13.7





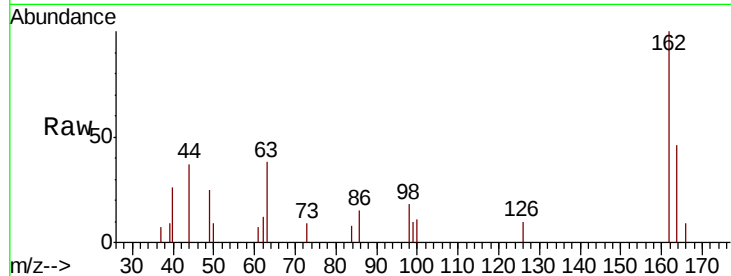
#29
 2,4-Dichlorophenol
 Concen: 0.865 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

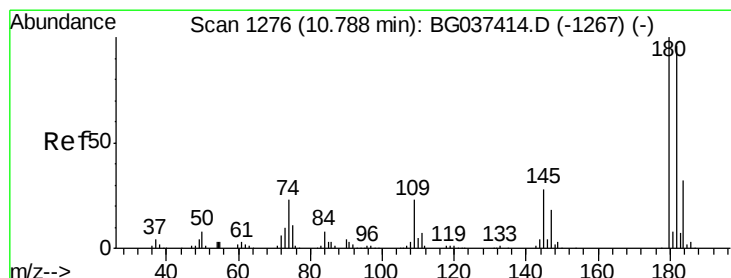
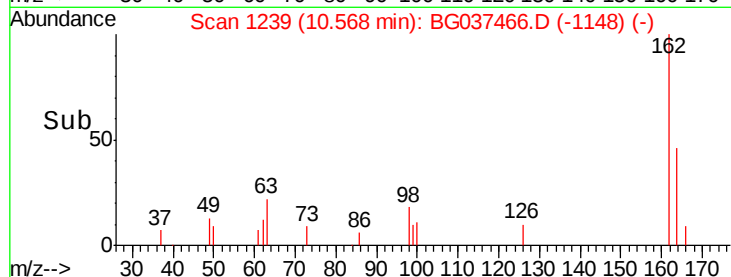
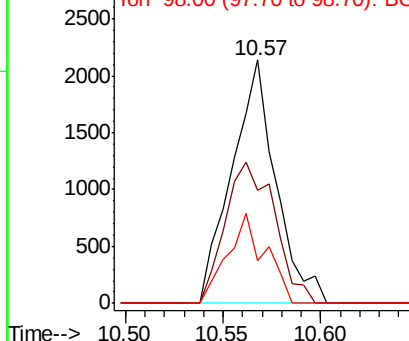
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	3342		
164	46.4		43.2	83.2
98	17.7		16.0	56.0

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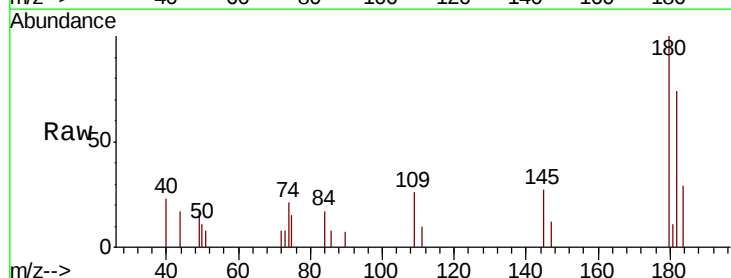


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

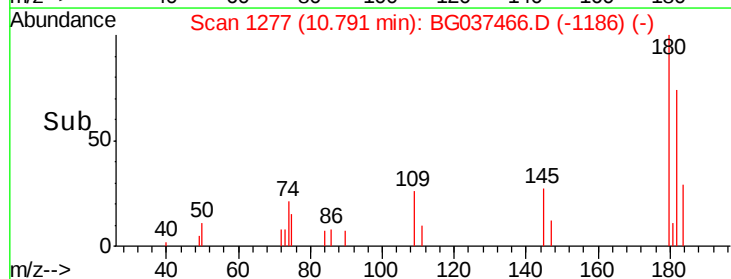
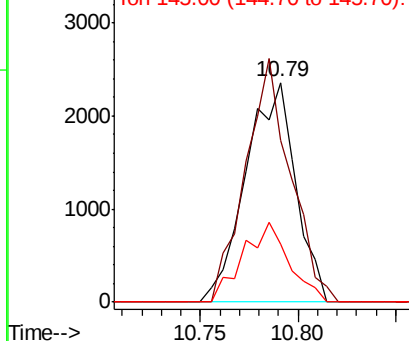


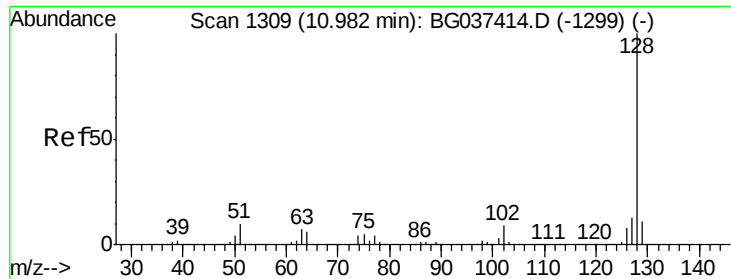
#30
 1,2,4-Trichlorobenzene
 Concen: 0.991 ng
 RT: 10.79 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	4161		
182	73.9		77.7	116.5#
145	26.6		23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





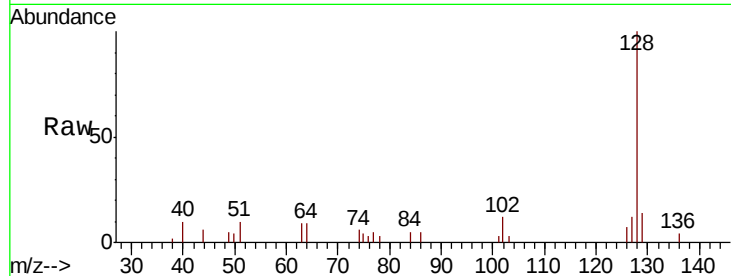
#31
Naphthalene
Concen: 1.105 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.0	13.6#
127	12.0	11.1	16.7

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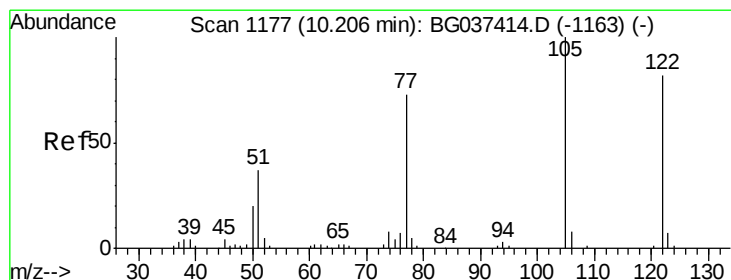
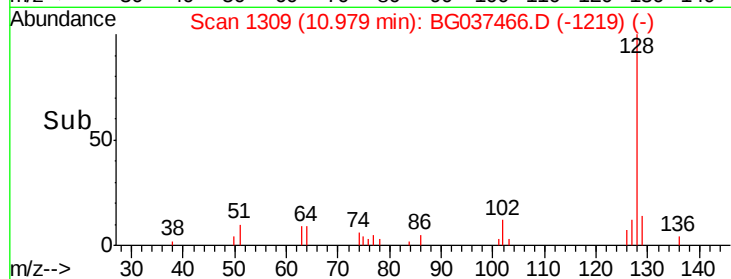
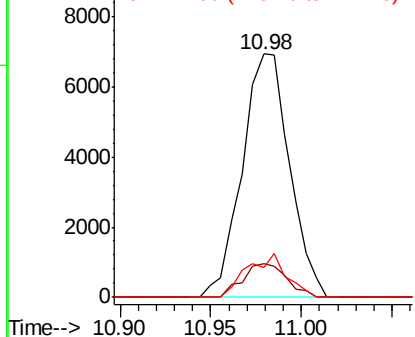


Abundance

Ion 128.00 (127.70 to 128.70): E

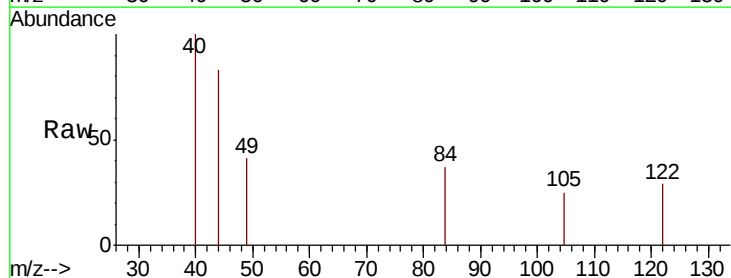
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 0.028 ng m
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	87.2	106.7	146.7#
77	0.0	72.2	112.2#

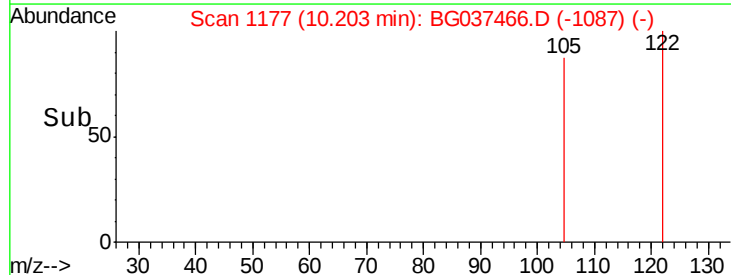
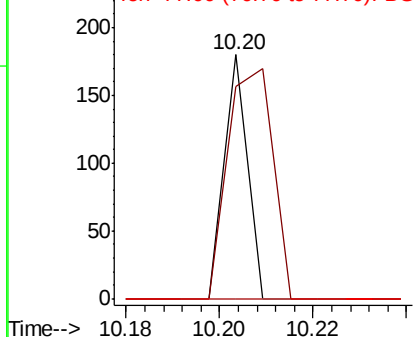


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





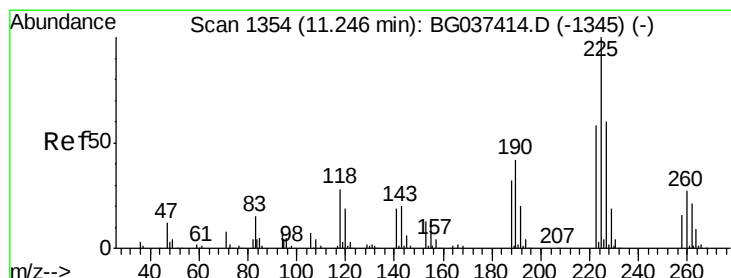
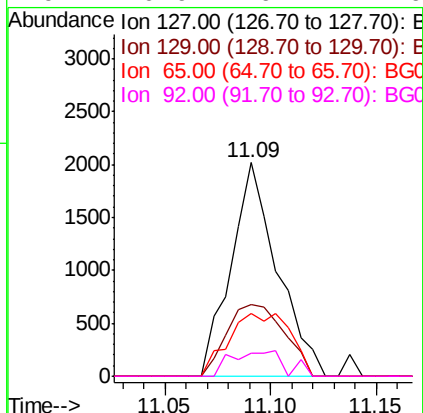
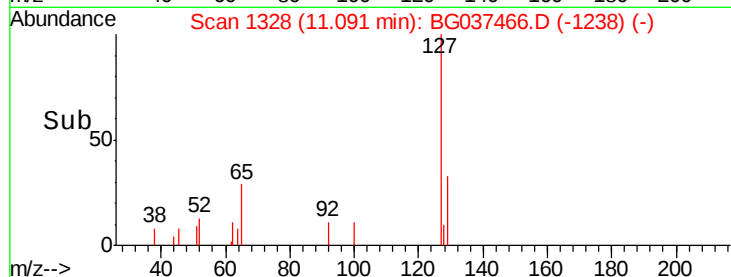
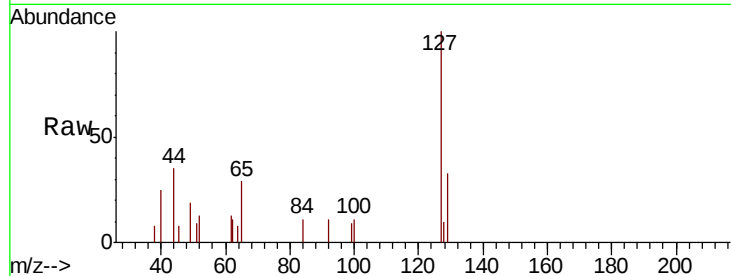
#33
4-Chloroaniline
Concen: 0.571 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	3064		
129	33.5	27.1	40.7	
65	29.2	26.6	39.8	
92	10.9	16.4	24.6	

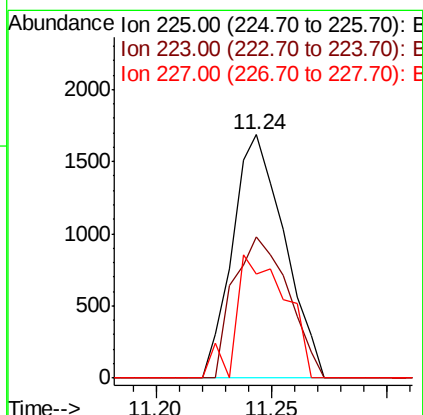
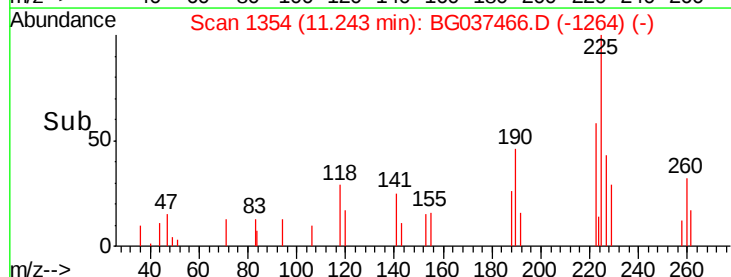
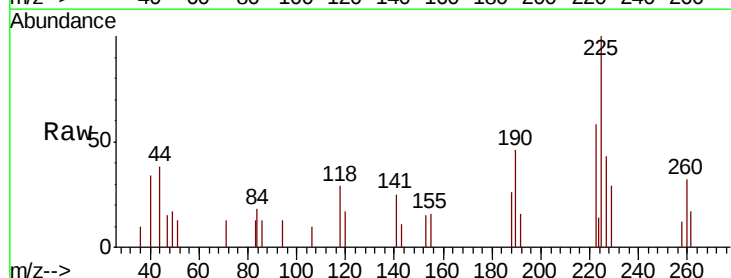
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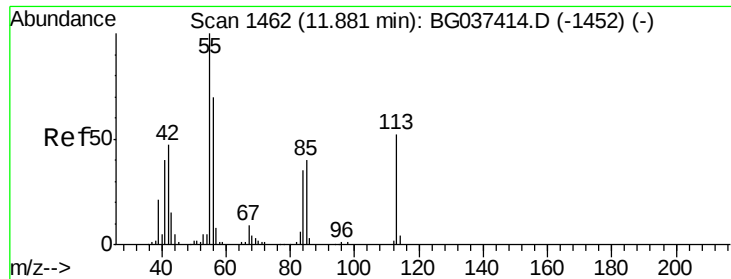
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#34
Hexachlorobutadiene
Concen: 1.061 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	2642		
223	58.1	48.2	72.4	
227	42.6	51.6	77.4	





#35

Caprolactam

Concen: 0.664 ng m

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:113 Resp: 1028

Ion Ratio Lower Upper

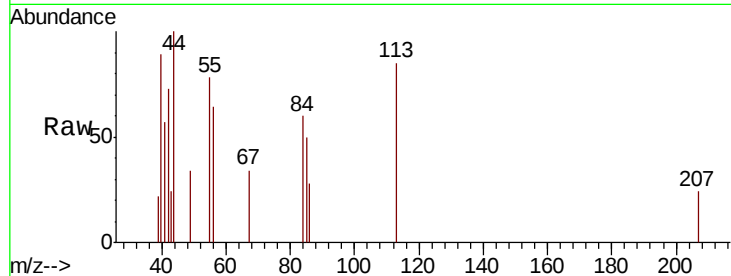
113 100

55 91.6 176.6 216.6#

56 74.8 128.3 168.3#

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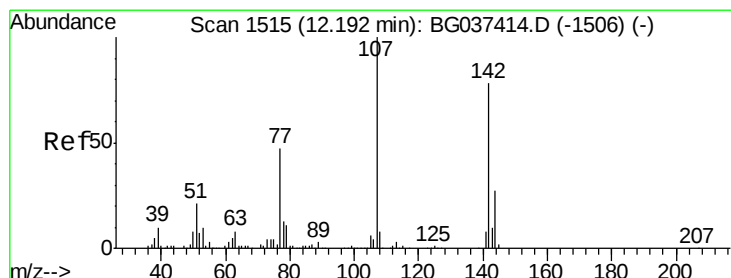
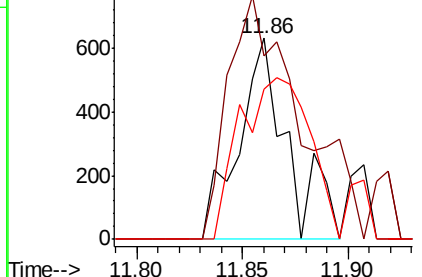
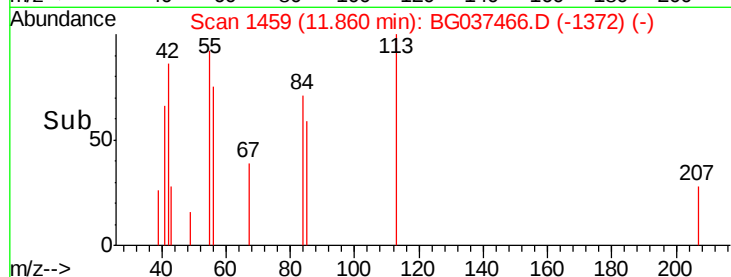
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037414.D (-1452) (-)

Ion 56.00 (55.70 to 56.70): BG037414.D (-1452) (-)



#36

4-Chloro-3-methylphenol

Concen: 0.810 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

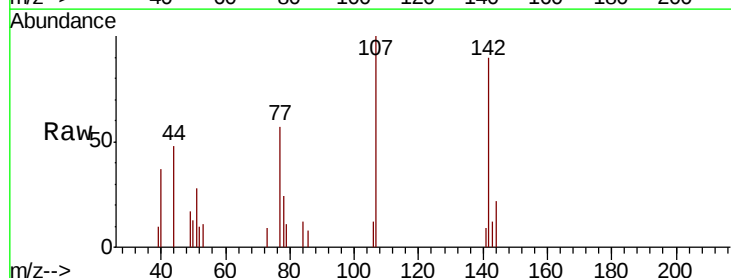
Tgt Ion:107 Resp: 3529

Ion Ratio Lower Upper

107 100

144 22.3 20.7 31.1

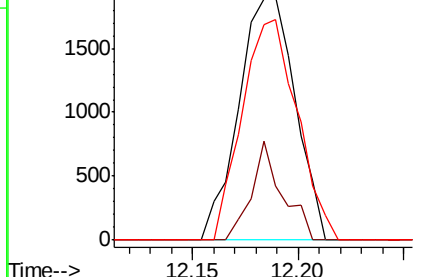
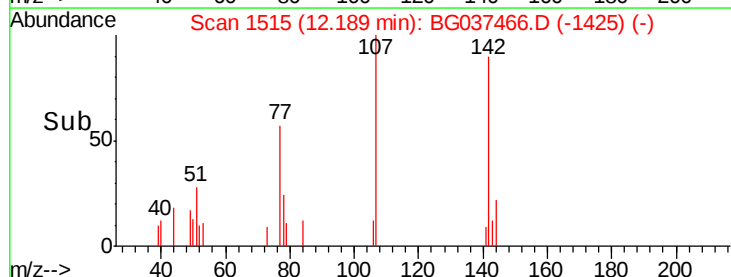
142 90.4 64.4 96.6

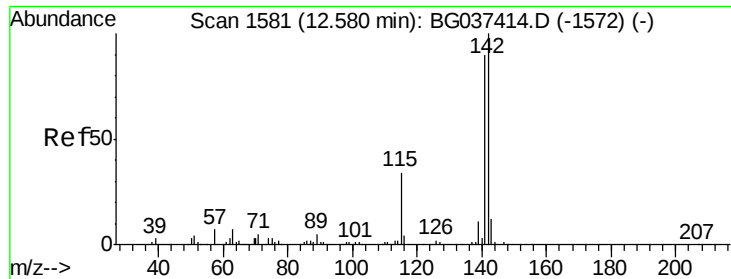


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 1.165 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

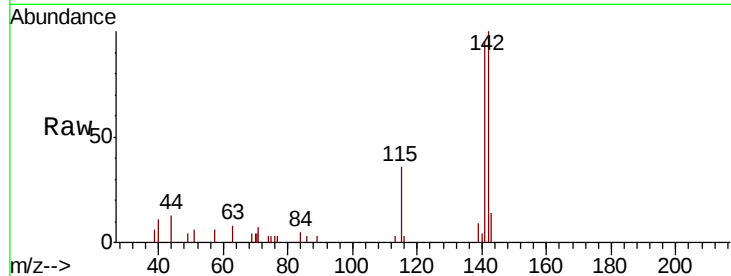
ClientSampleId :

MDL-WATER-03-QT4-2018

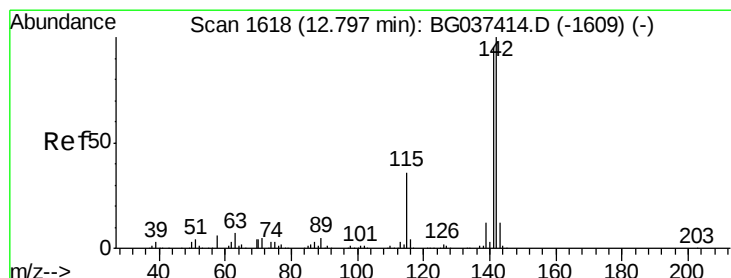
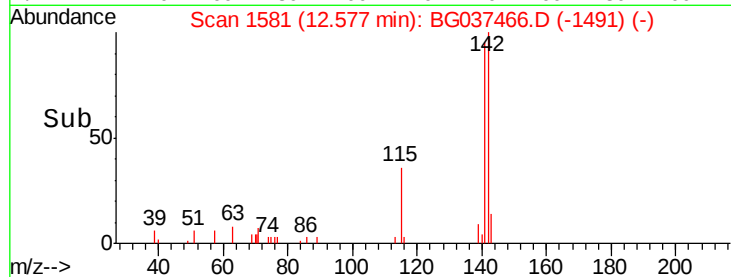
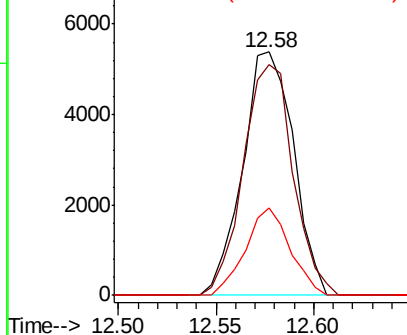
Tgt Ion:	142	Resp:	9705
Ion Ratio	Lower	Upper	
142	100		
141	94.6	71.9	107.9
115	36.1	27.8	41.8

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 1.130 ng

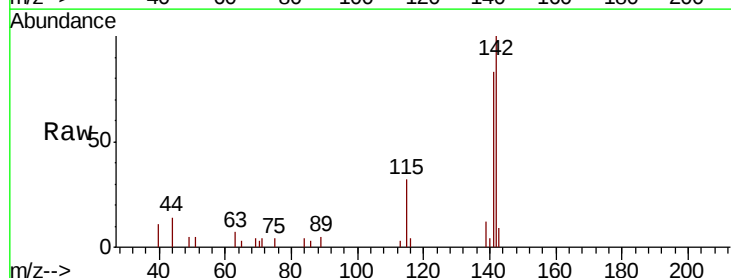
RT: 12.79 min Scan# 1618

Delta R.T. -0.00 min

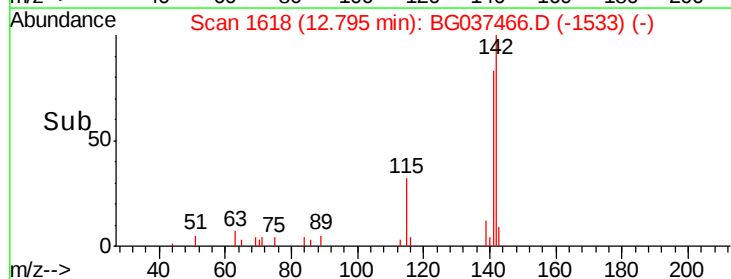
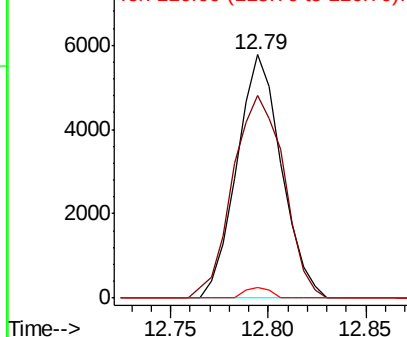
Lab File: BG037466.D

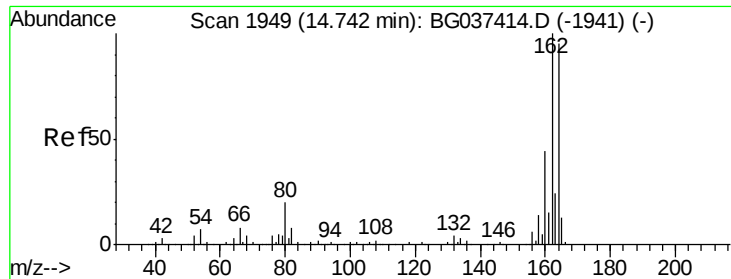
Acq: 20 Oct 2018 1:04

Tgt Ion:	142	Resp:	9141
Ion Ratio	Lower	Upper	
142	100		
141	83.2	75.2	112.8
116	4.4	3.3	4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





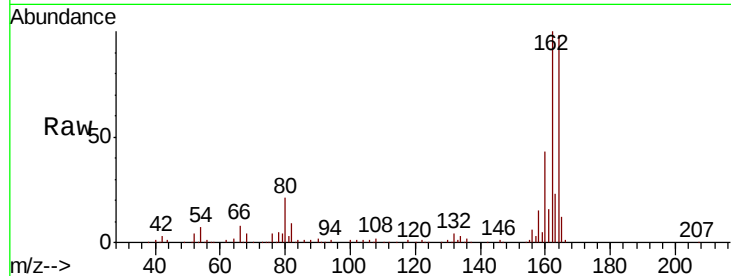
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	43.5	36.3	54.5

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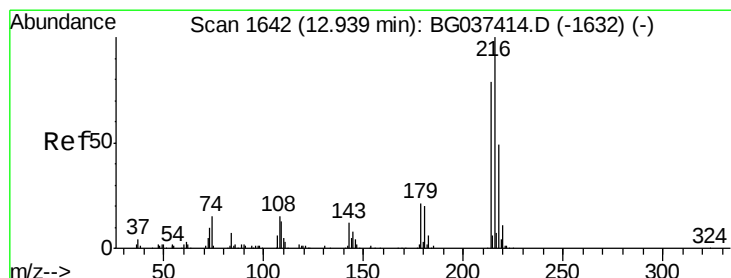
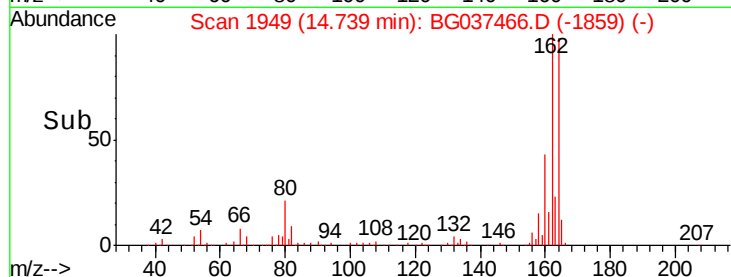
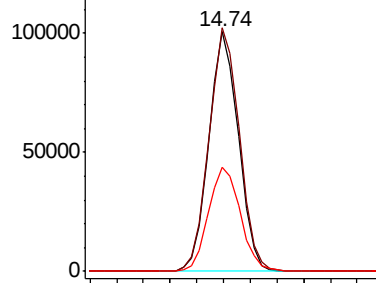


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.981 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	86.5	63.8	95.6
179	19.9	17.4	26.0
108	12.3	13.9	20.9#

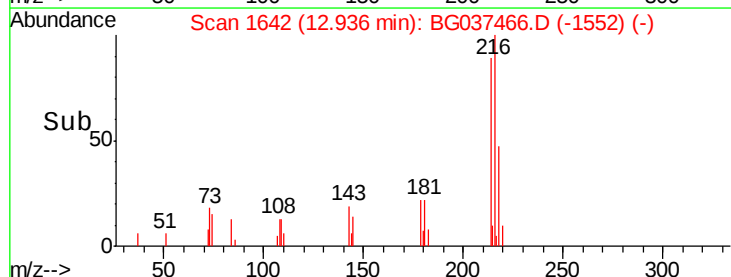
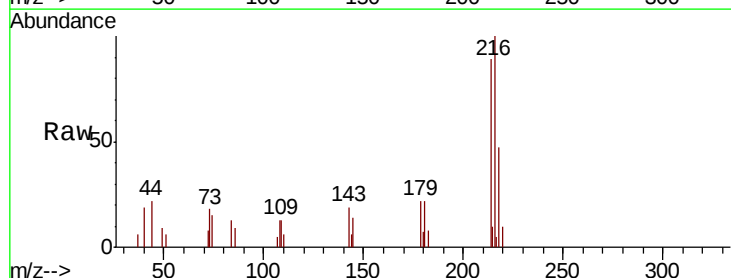
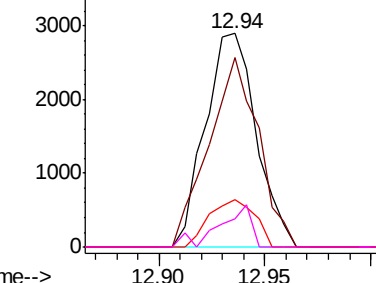
Abundance

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





#41

Hexachlorocyclopentadiene

Concen: 0.886 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

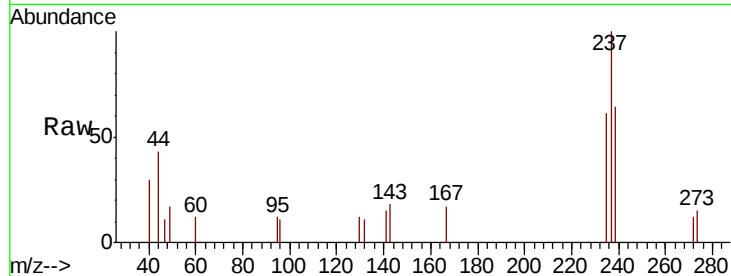
ClientSampleId :

MDL-WATER-03-QT4-2018

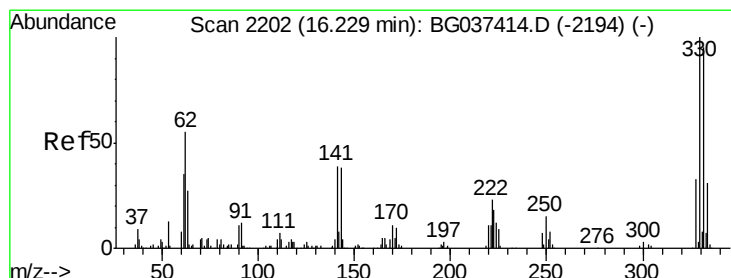
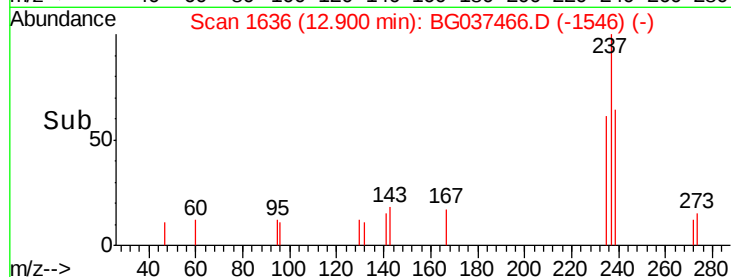
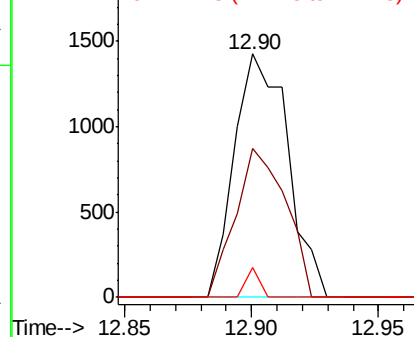
Tgt Ion:	237	Resp:	2092
Ion Ratio	Lower	Upper	
237	100		
235	61.2	42.5	82.5
272	12.4	0.0	31.6

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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



#42

2,4,6-Tribromophenol

Concen: 139.924 ng

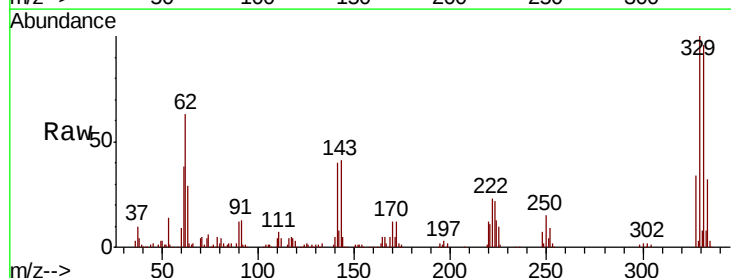
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

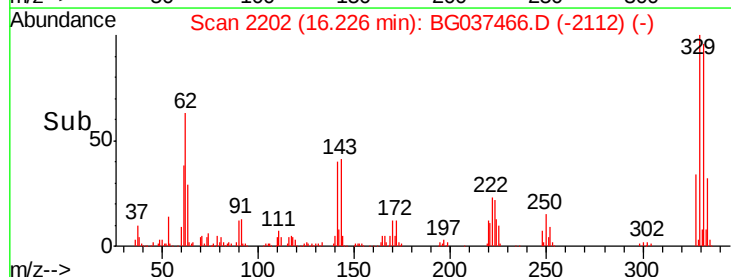
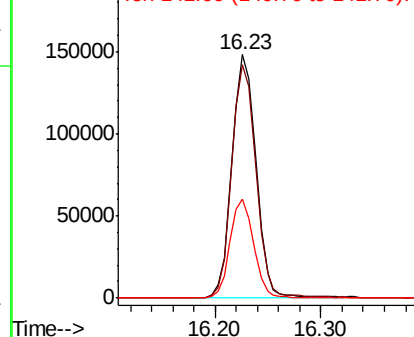
Lab File: BG037466.D

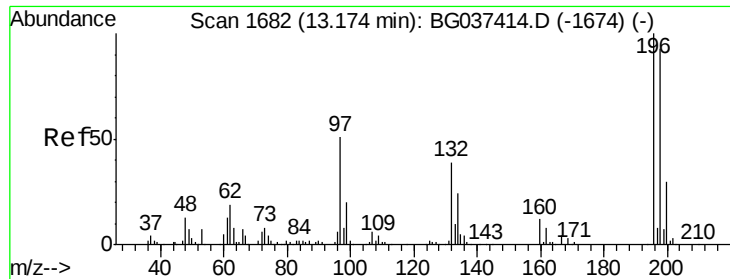
Acq: 20 Oct 2018 1:04

Tgt Ion:	330	Resp:	233915
Ion Ratio	Lower	Upper	
330	100		
332	96.5	78.4	117.6
141	40.3	32.2	48.2



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





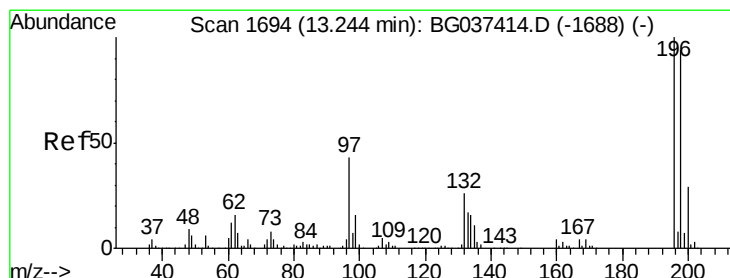
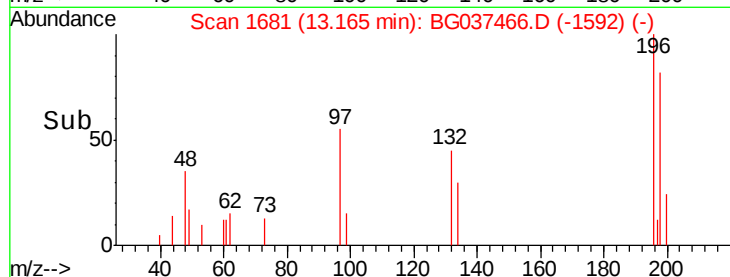
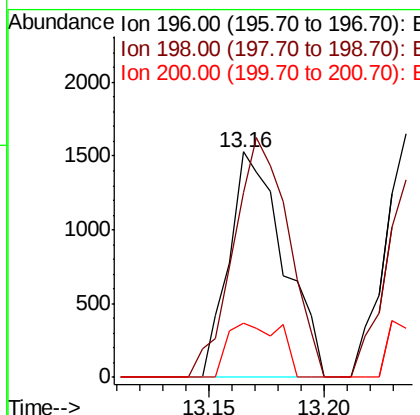
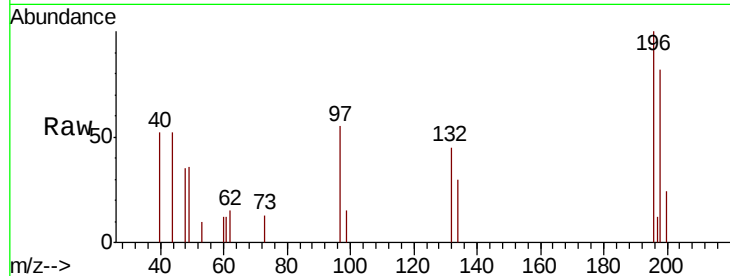
#43
 2,4,6-Trichlorophenol
 Concen: 0.762 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	2518		
198	81.9	76.4	114.6	
200	24.2	24.9	37.3#	

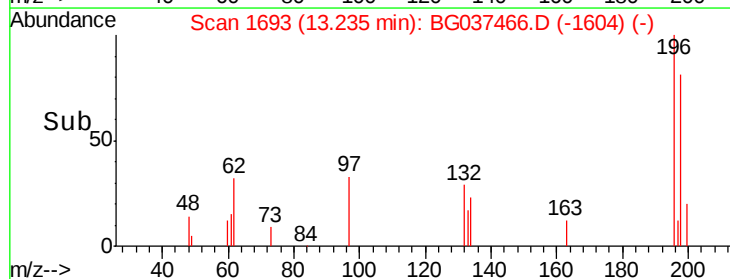
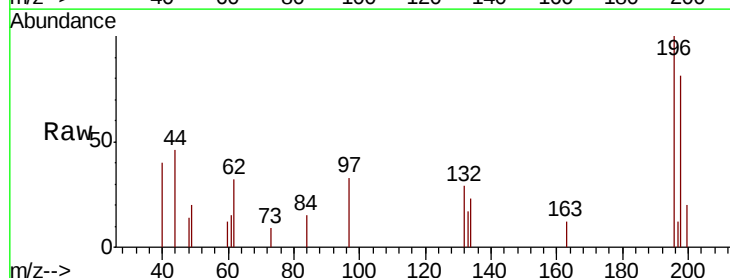
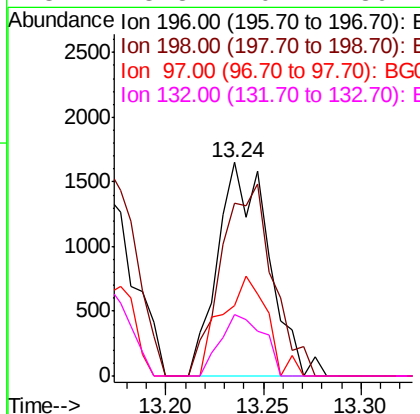
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 0.828 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	2979		
198	81.0	74.2	111.2	
97	33.1	34.1	51.1#	
132	28.8	20.2	30.4	





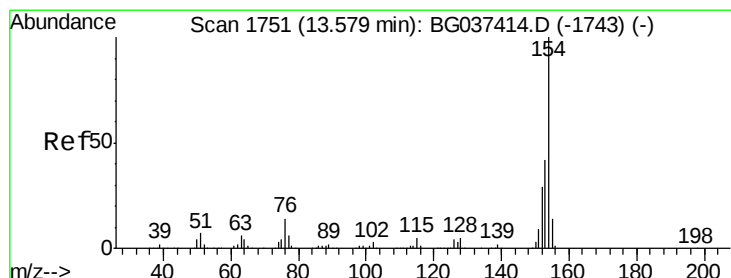
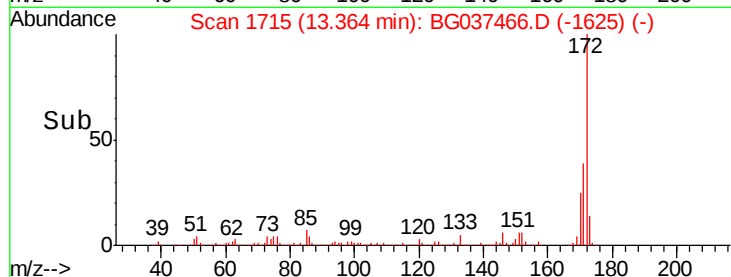
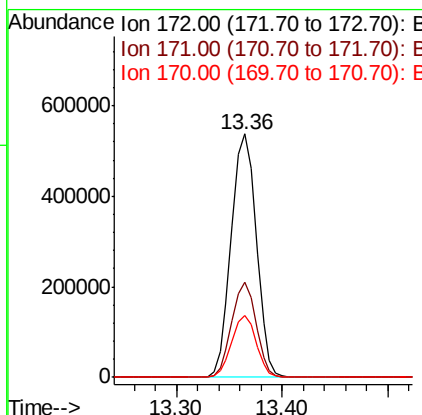
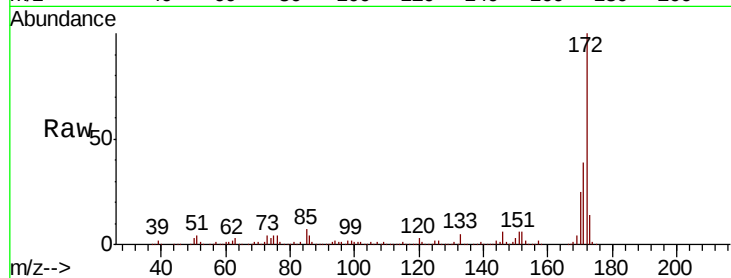
#45
2-Fluorobiphenyl
Concen: 87.149 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	39.0	31.0	46.4
170	25.5	20.2	30.2

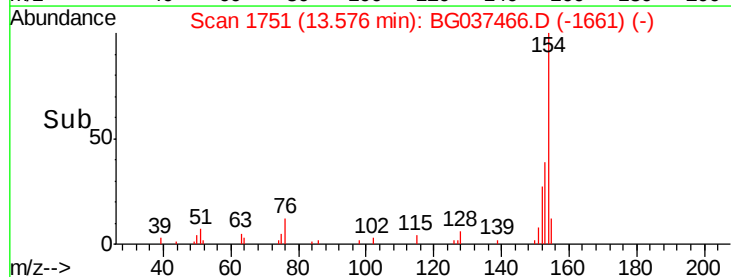
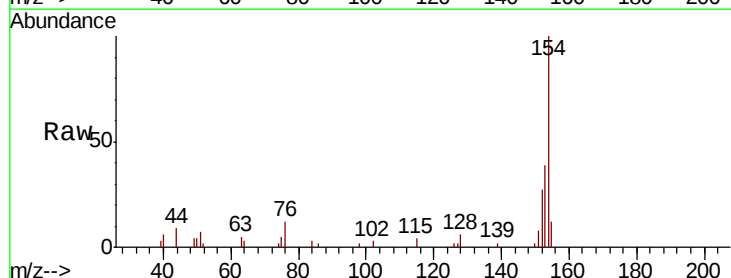
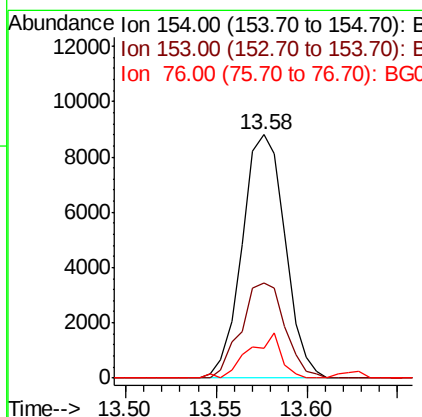
Manual Integrations
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#46
1,1'-Biphenyl
Concen: 1.138 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.0	22.1	62.1
76	12.1	0.0	33.2





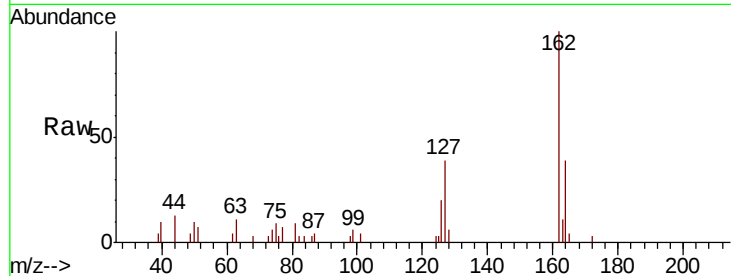
#47
2-Chloronaphthalene
Concen: 1.074 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.5	45.7
164	38.6	26.4	39.6

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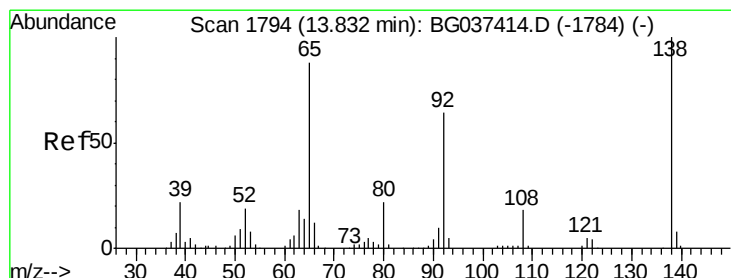
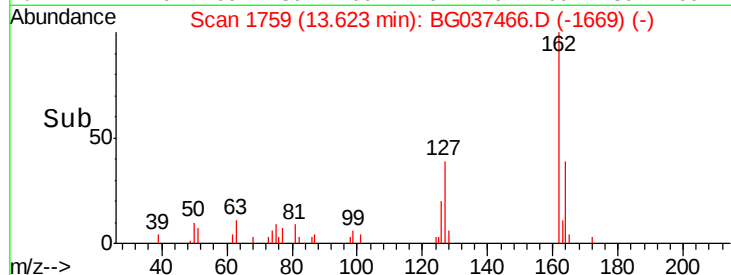
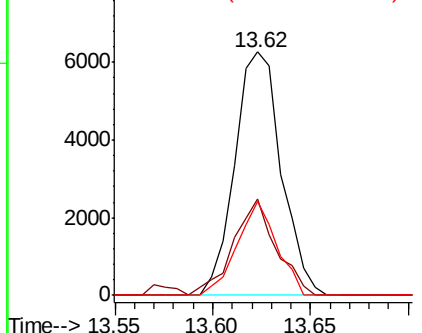


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 0.714 ng
RT: 13.83 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

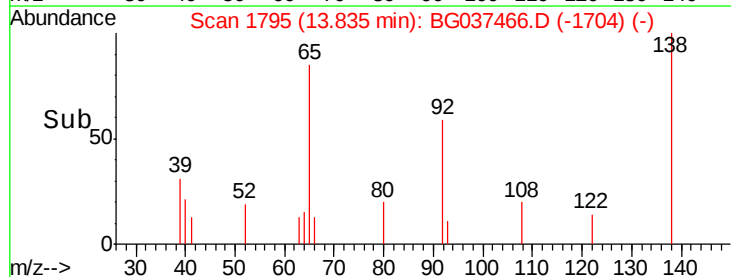
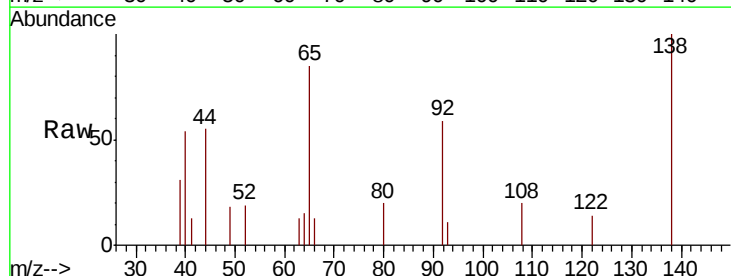
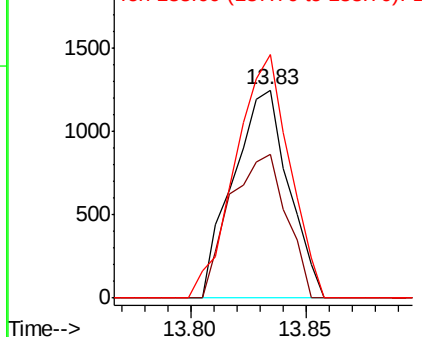
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.2	79.8
138	117.1	79.3	118.9

Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 1.093 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:152 Resp: 15790

Ion Ratio Lower Upper

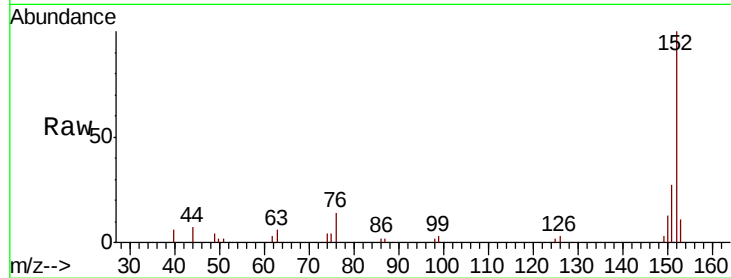
152 100

151 26.6 17.1 25.7#

153 10.7 11.1 16.7#

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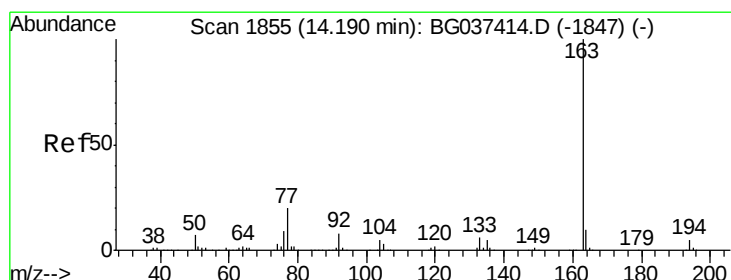
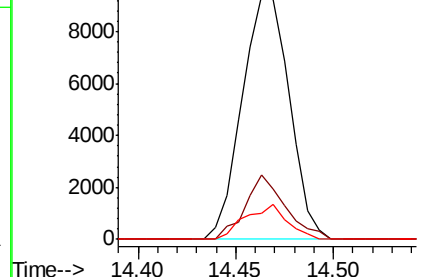
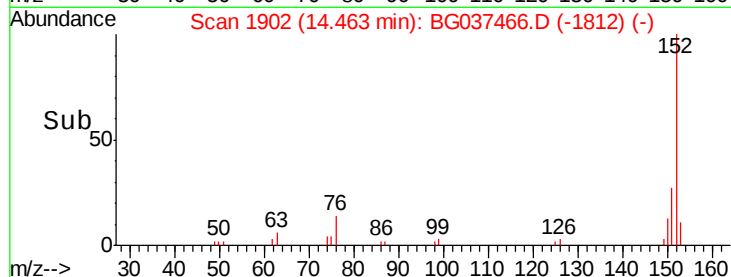
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 1.085 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

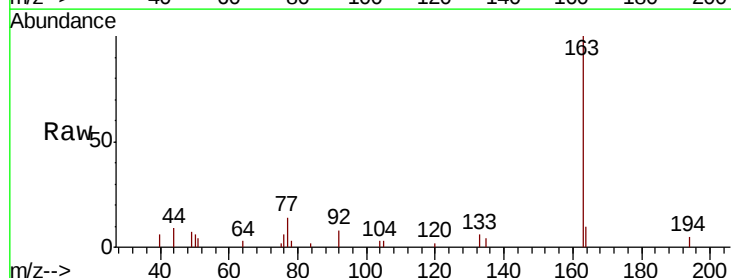
Tgt Ion:163 Resp: 12867

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

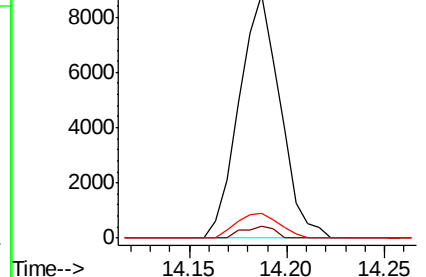
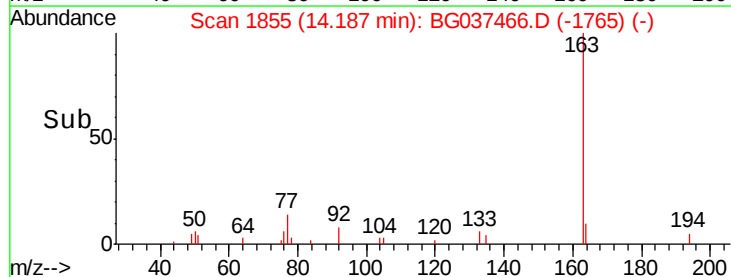
164 10.0 8.5 12.7

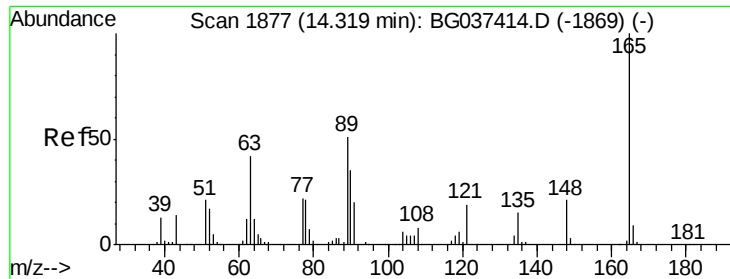


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





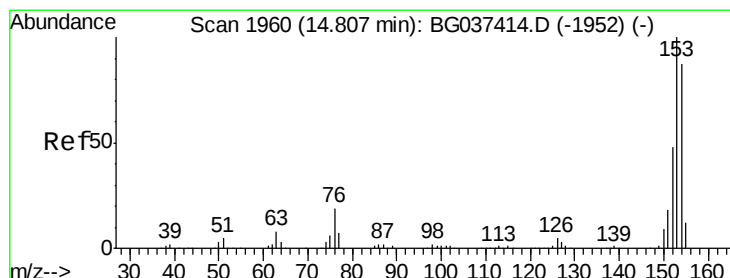
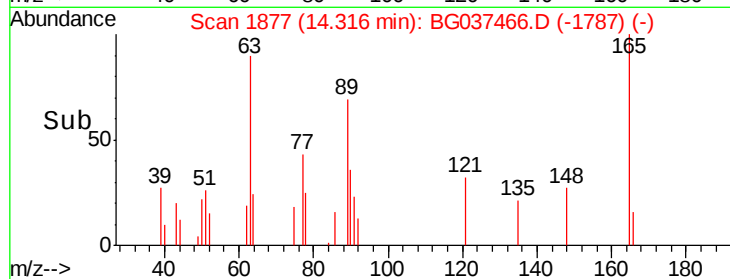
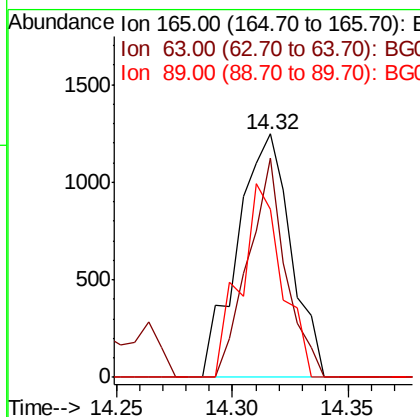
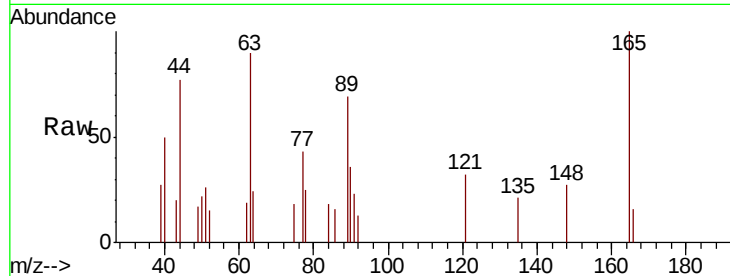
#51
 2,6-Dinitrotoluene
 Concen: 0.765 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	2007		
63	90.3	43.4	65.2#	
89	69.3	45.8	68.6#	

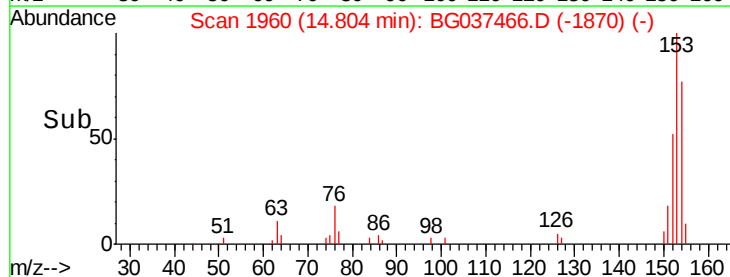
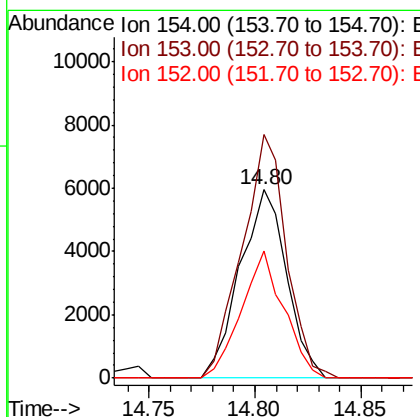
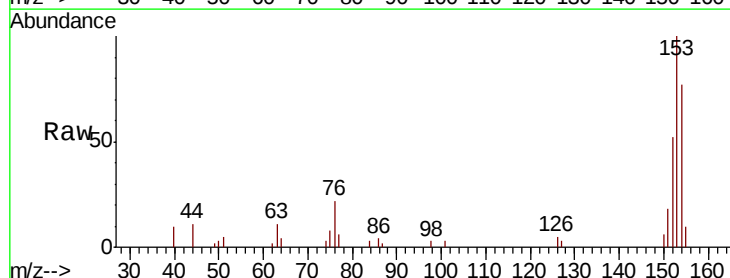
Manual Integrations
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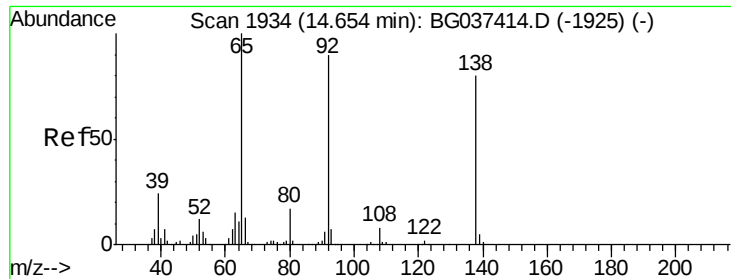
Sohil
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#52
 Acenaphthene
 Concen: 1.025 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	9115		
153	129.3	93.4	140.0	
152	67.8	44.7	67.1#	





#53

3-Nitroaniline

Concen: 0.628 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

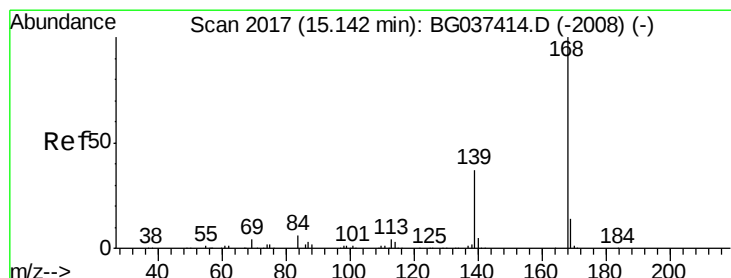
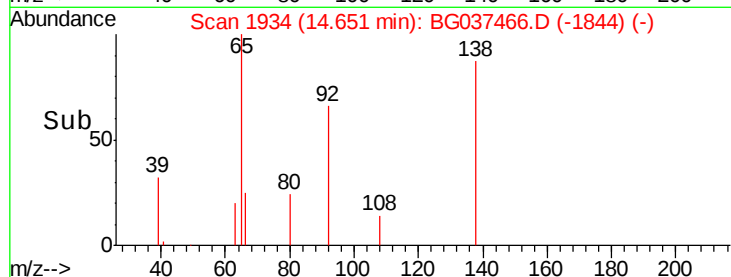
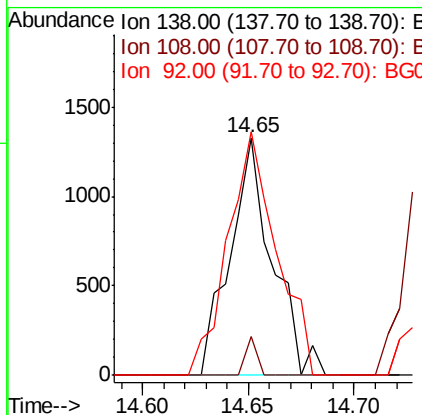
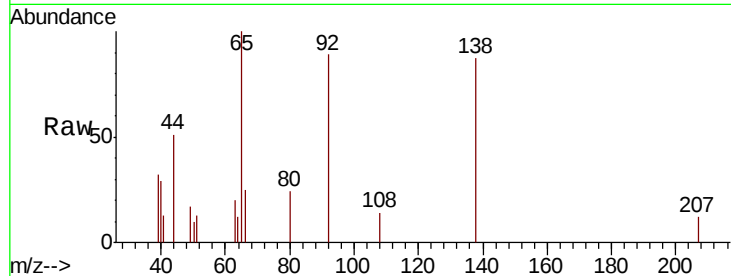
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	138	Resp:	1828
Ion Ratio	Lower	Upper	
138	100		
108	16.3	11.0	16.6
92	102.5	95.2	142.8

Manual Integrations
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#55

Dibenzofuran

Concen: 1.148 ng

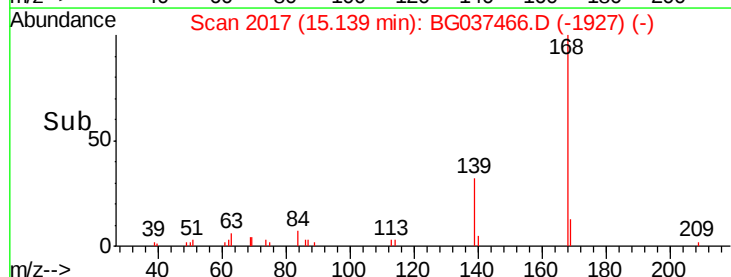
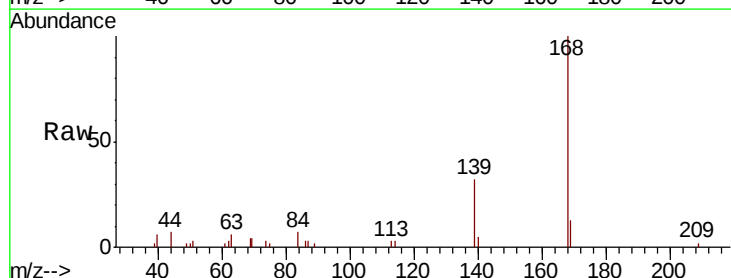
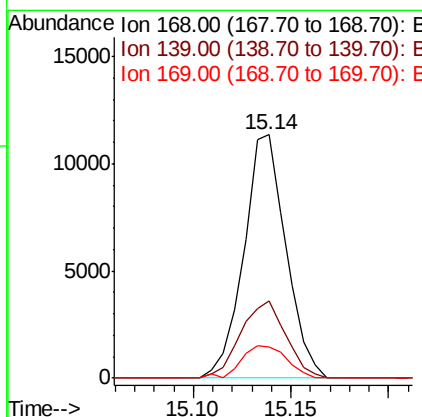
RT: 15.14 min Scan# 2017

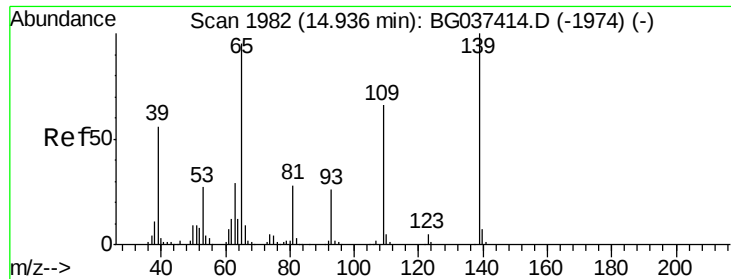
Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:	168	Resp:	16925
Ion Ratio	Lower	Upper	
168	100		
139	31.7	29.4	44.0
169	12.8	11.0	16.6





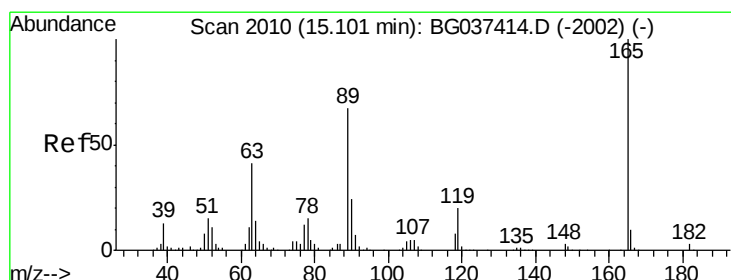
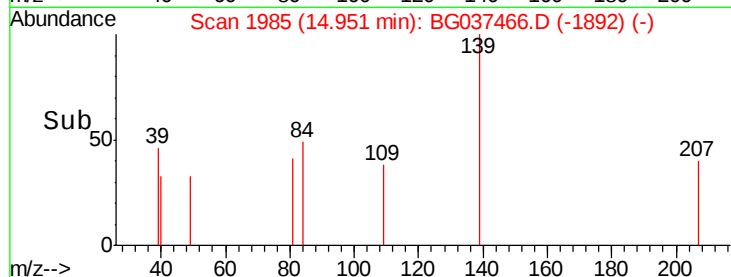
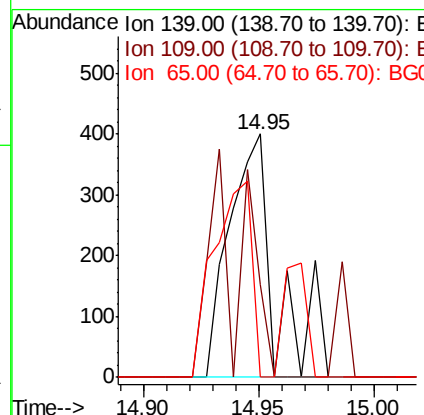
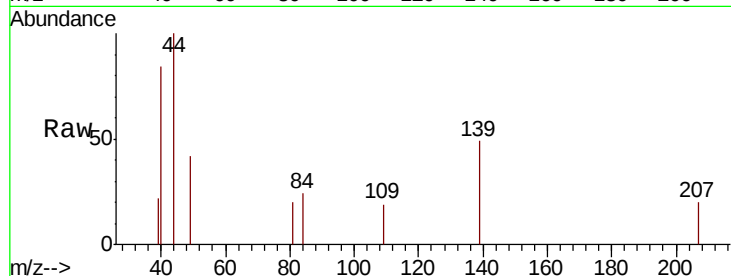
#56
4-Nitrophenol
Concen: 0.259 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.3	49.5	89.5#
65	0.0	76.8	116.8#

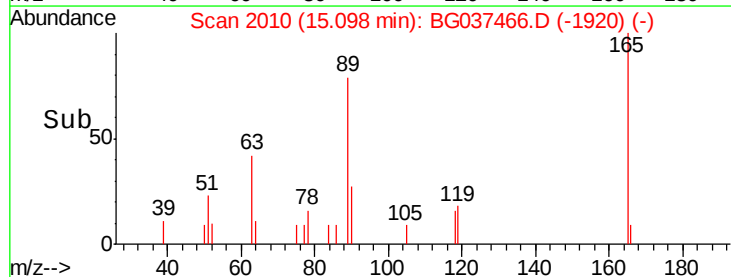
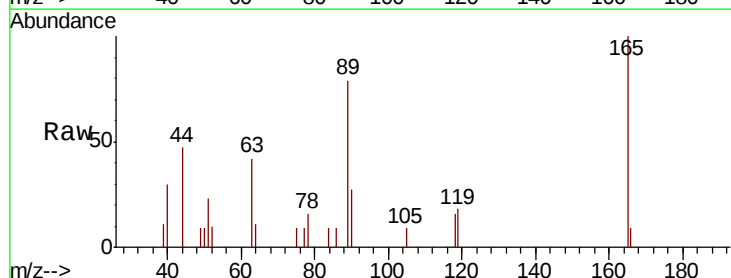
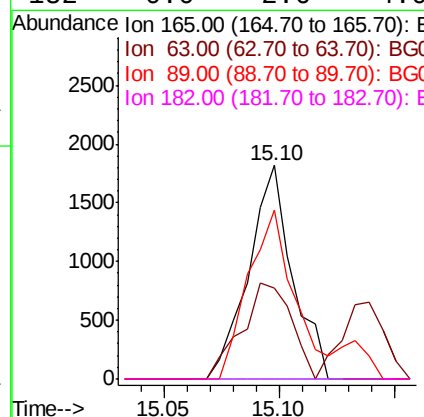
Manual Integrations
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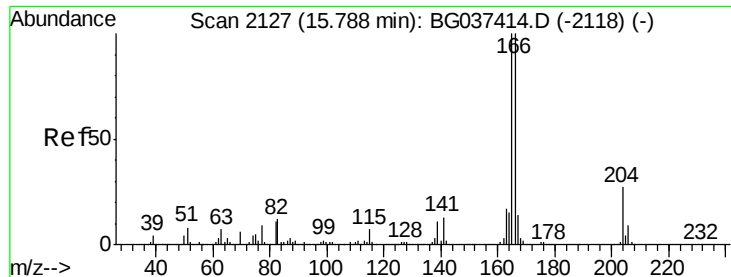
Sohil
10/22/2018 3:39:28 PM



#57
2,4-Dinitrotoluene
Concen: 0.698 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.4	33.4	50.0
89	79.1	57.2	85.8
182	0.0	2.6	4.0#





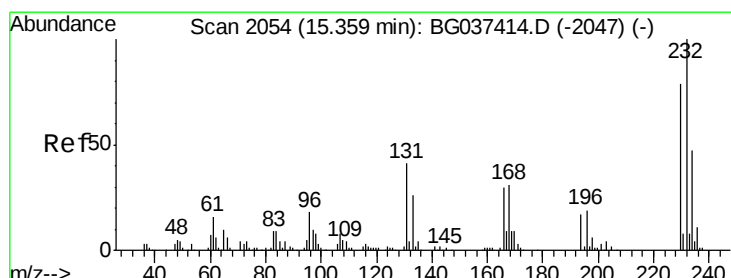
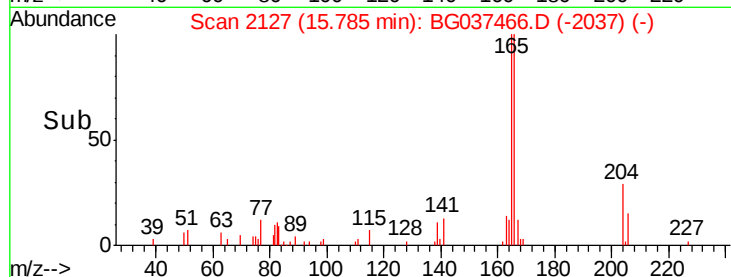
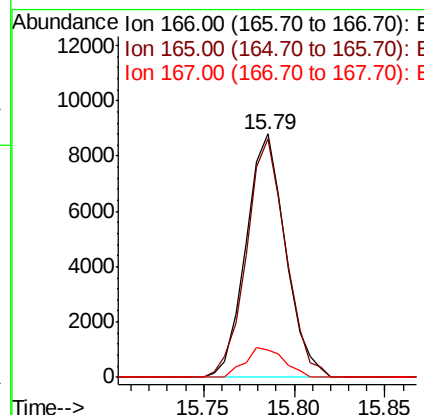
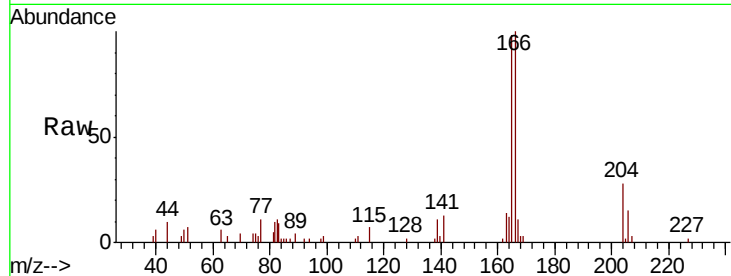
#58
 Fluorene
 Concen: 1.205 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	11.4	11.3	16.9

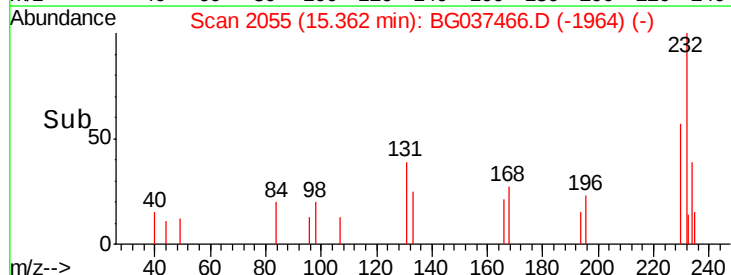
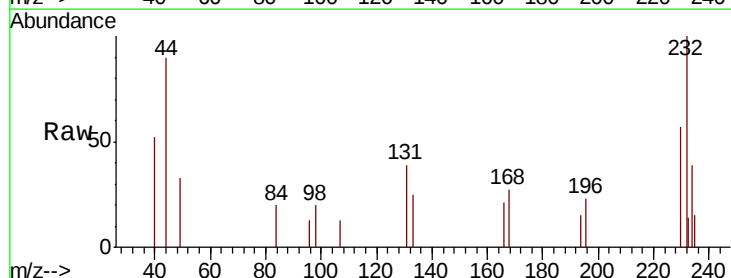
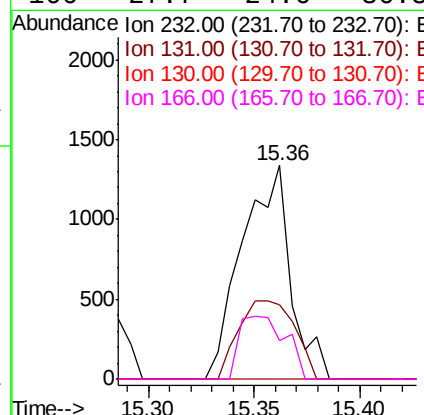
Manual Integrations
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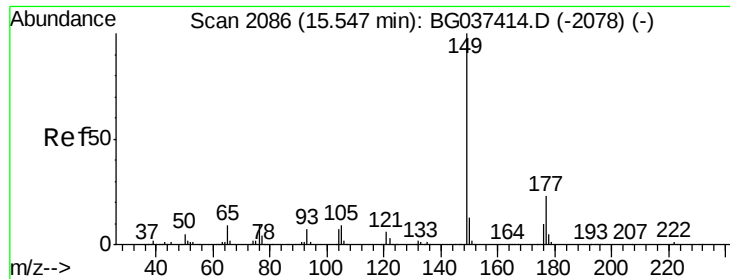
Sohil
 10/22/2018 3:39:28 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.695 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.7	50.5
130	0.0	2.1	3.1#
166	27.7	24.6	36.8





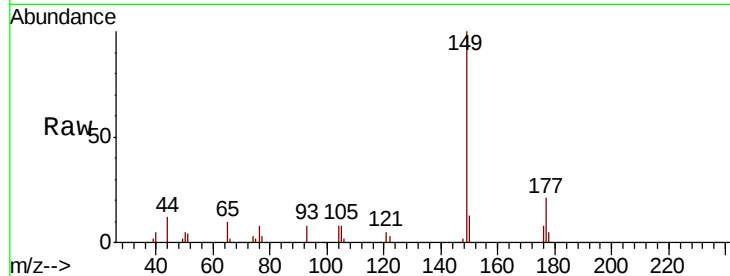
#60
Diethylphthalate
Concen: 1.005 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	18.3	27.5
150	12.8	10.0	15.0

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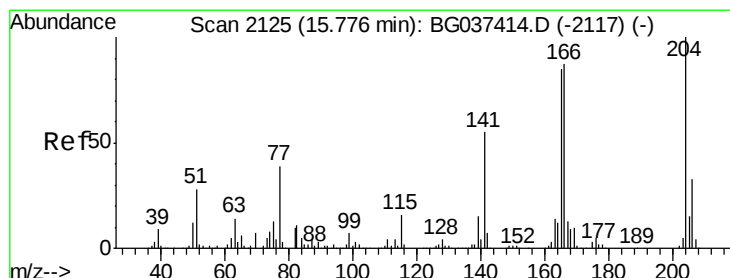
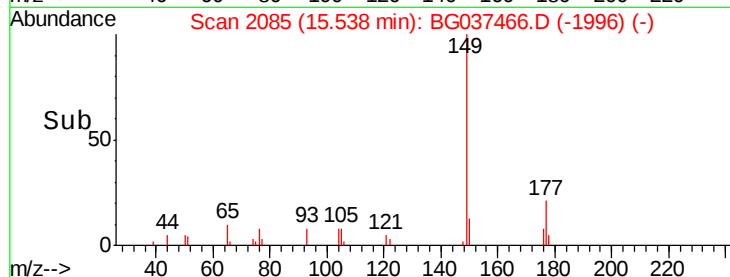
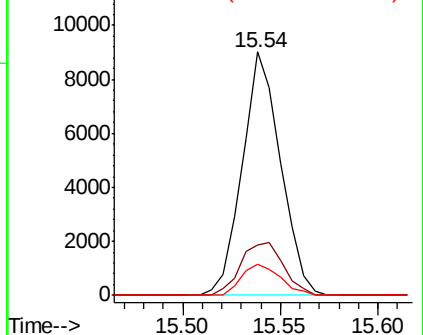


Abundance

Ion 149.00 (148.70 to 149.70): E

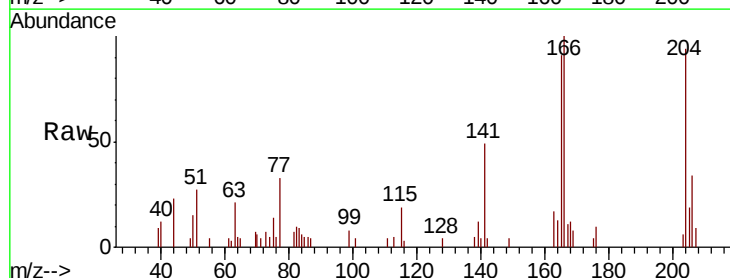
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 1.026 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.2	26.6	39.8
141	52.1	45.4	68.2

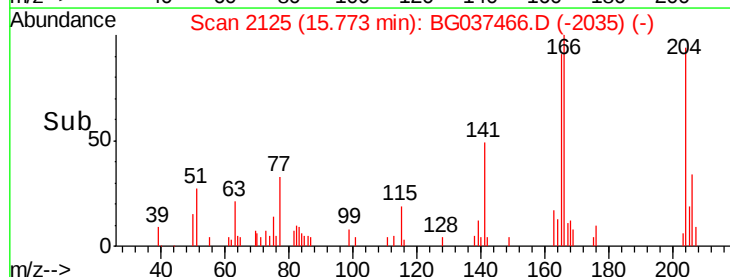
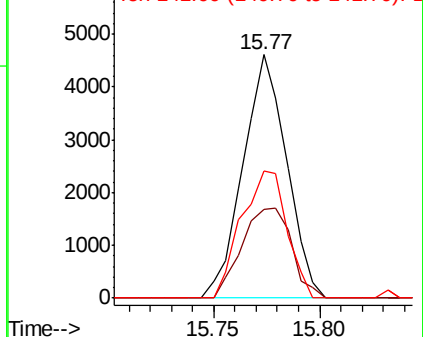


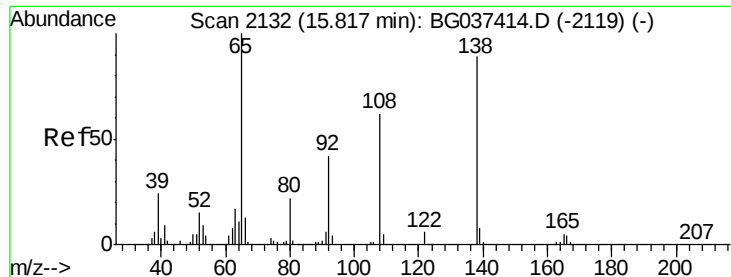
Abundance

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





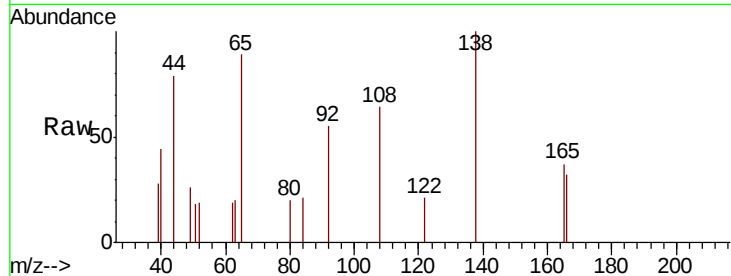
#62
4-Nitroaniline
Concen: 0.817 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

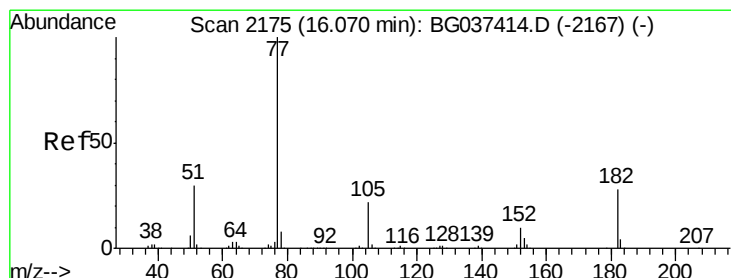
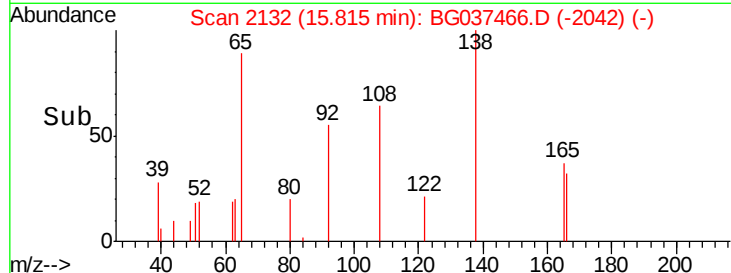
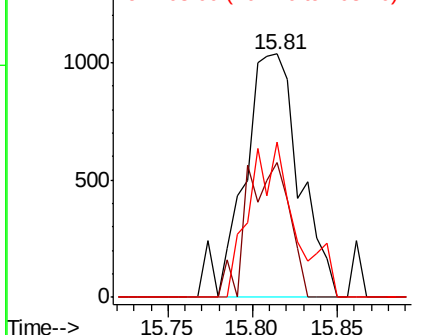
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	36.4	76.4
108	64.0	60.1	100.1

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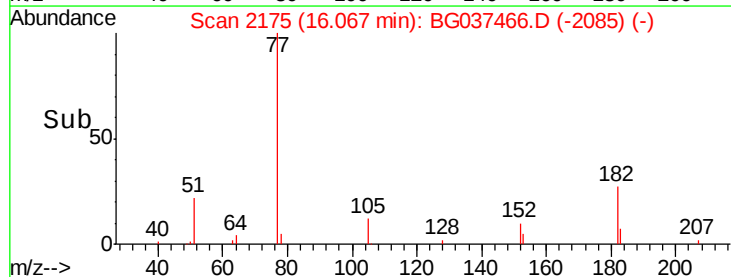
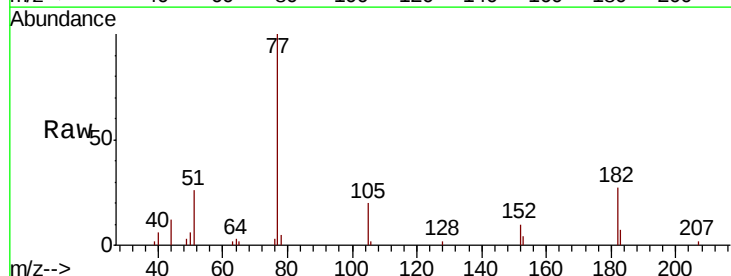
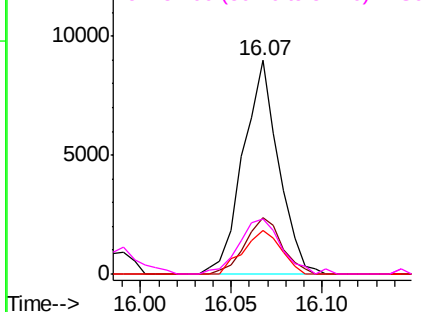
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

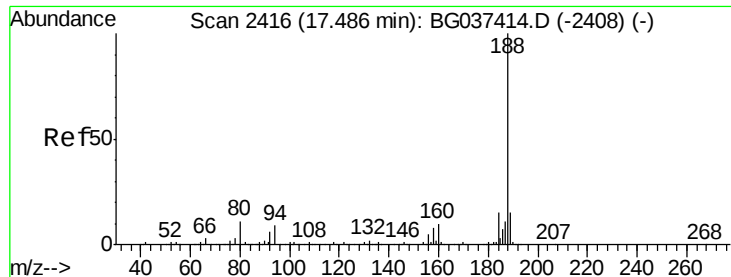


#63
Azobenzene
Concen: 1.049 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.0	48.0
105	20.4	1.3	41.3
51	26.0	10.7	50.7

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

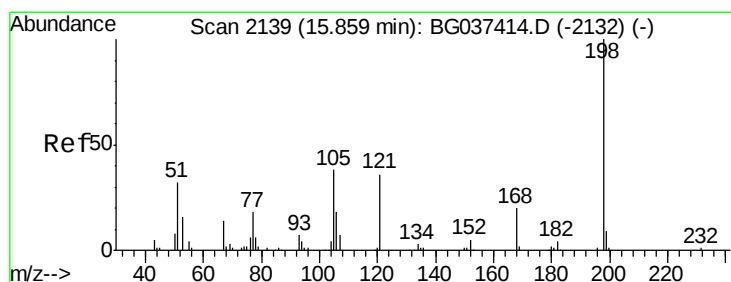
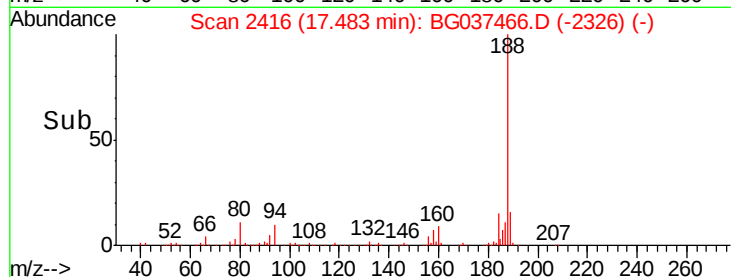
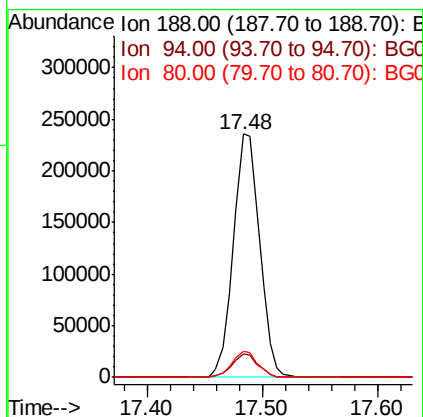
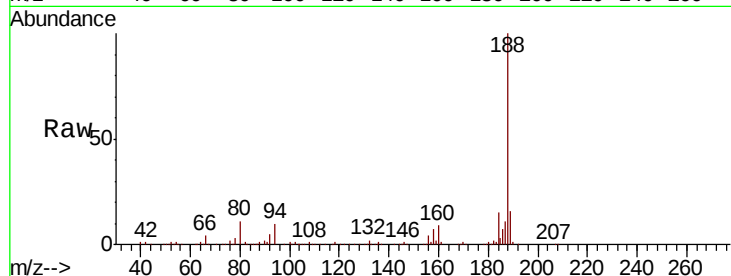
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt	Ion:188	Resp:	372418
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.8	7.7	11.5

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#65

4,6-Dinitro-2-methylphenol

Concen: 8.539 ng

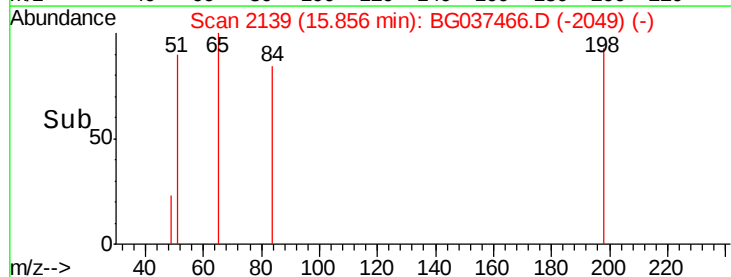
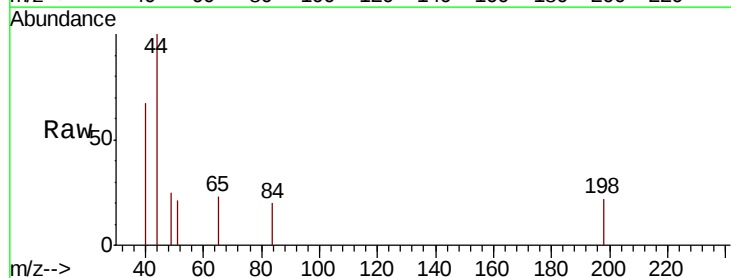
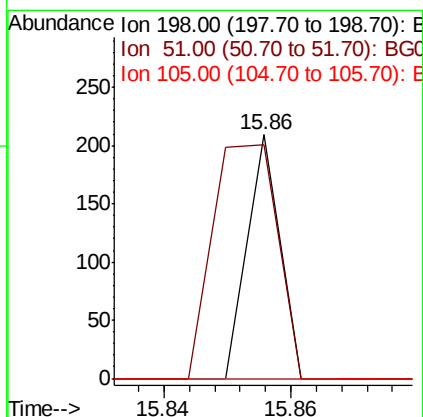
RT: 15.86 min Scan# 2139

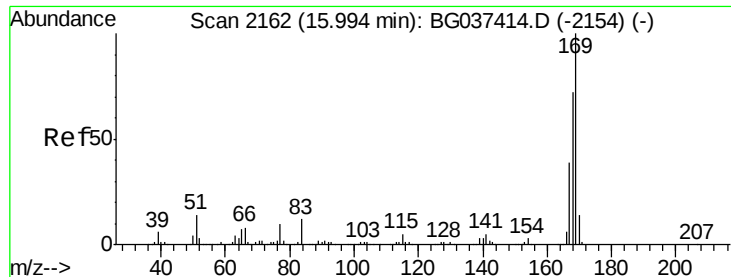
Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt	Ion:198	Resp:	74
Ion	Ratio	Lower	Upper
198	100		
51	96.2	22.7	62.7#
105	0.0	19.7	59.7#





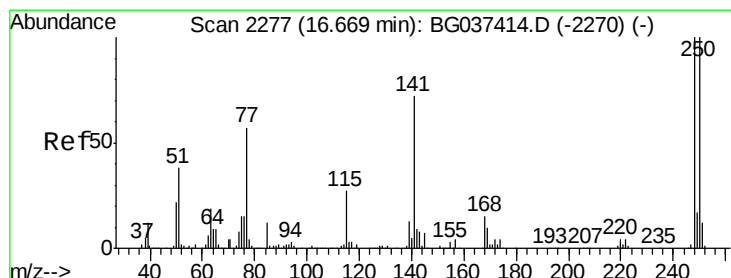
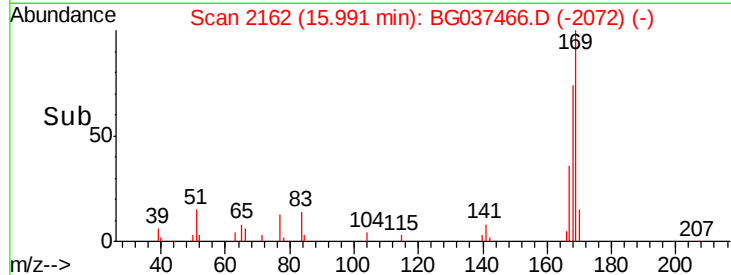
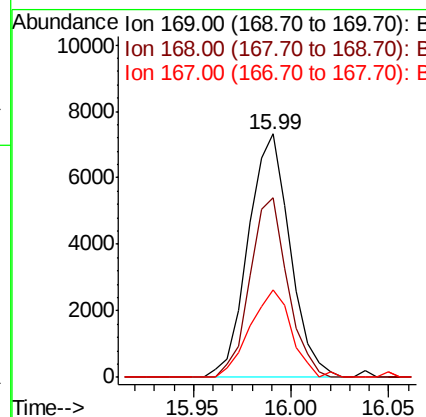
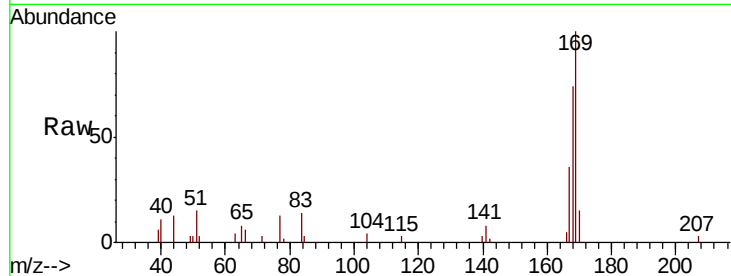
#66
 n-Nitrosodiphenylamine
 Concen: 0.970 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	10861		
168	74.0	55.7	83.5	
167	36.1	31.3	46.9	

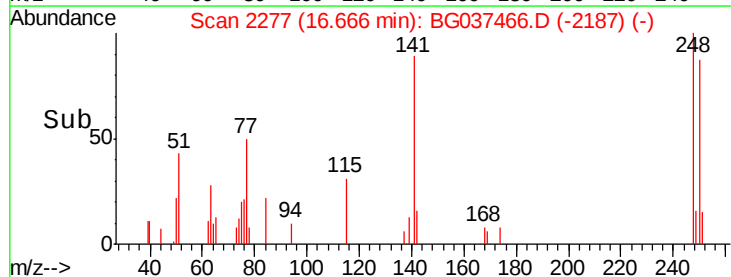
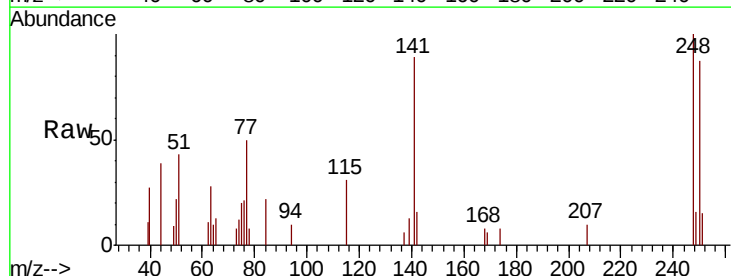
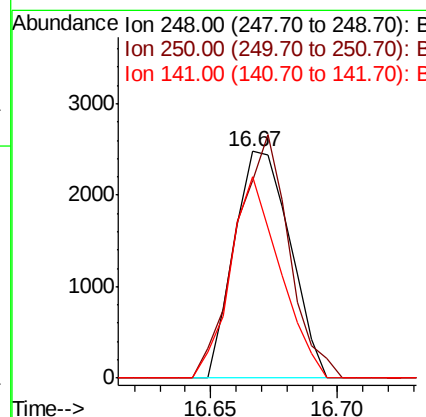
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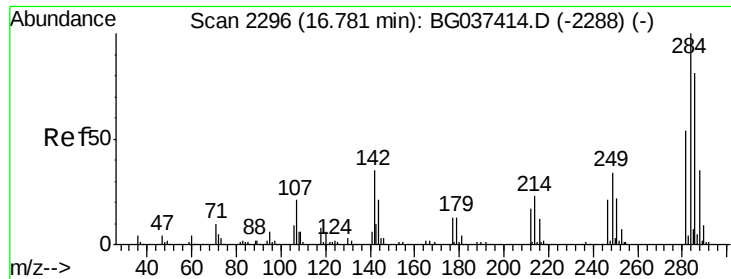
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#67
 4-Bromophenyl-phenylether
 Concen: 0.930 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	3804		
250	87.3	77.0	115.6	
141	88.7	55.5	83.3	





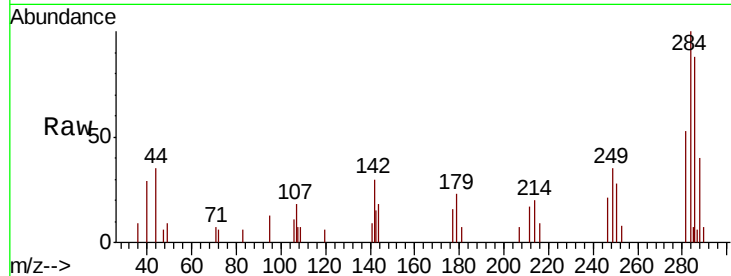
#68
Hexachlorobenzene
Concen: 1.006 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

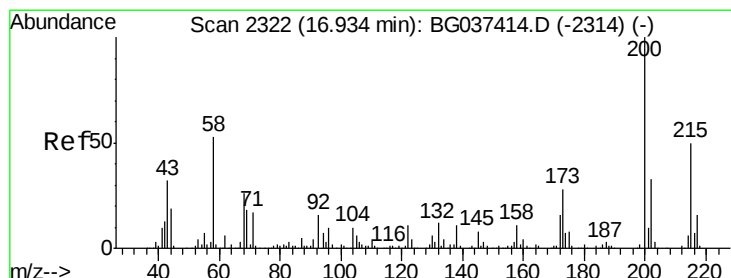
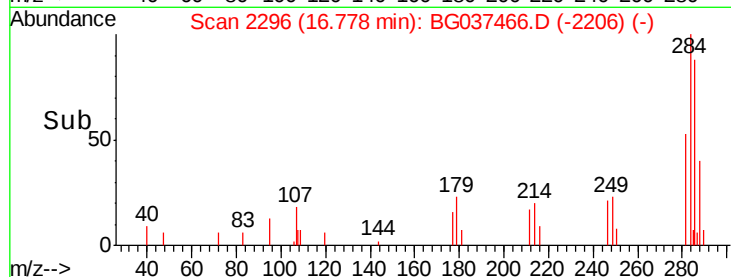
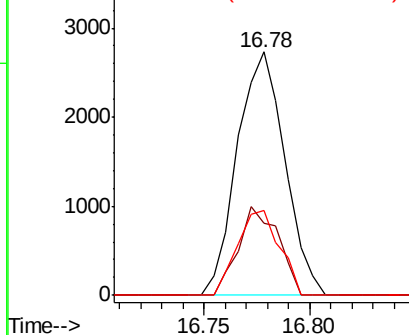
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	4264		
142	29.6	28.1	42.1	
249	34.7	29.8	44.8	

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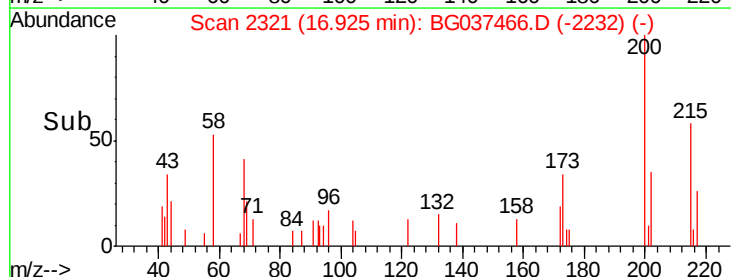
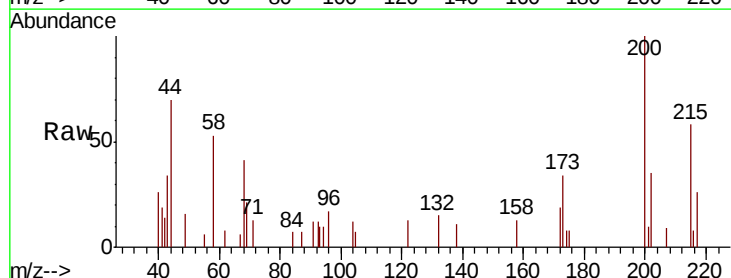
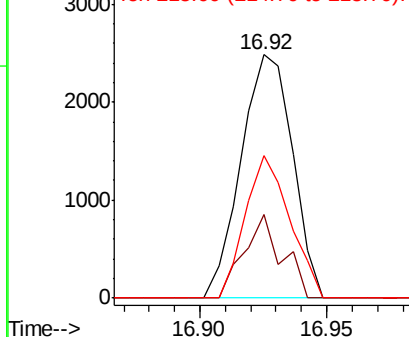
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

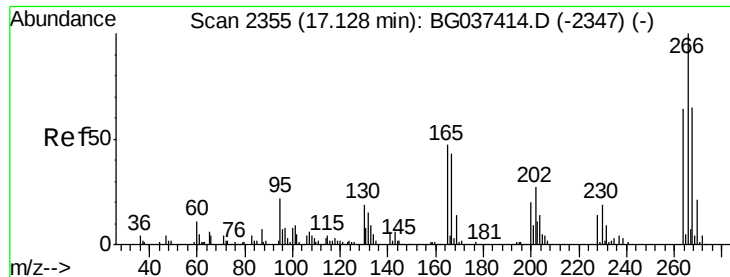


#69
Atrazine
Concen: 0.868 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	3517		
173	34.4	6.1	46.1	
215	58.4	30.8	70.8	

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





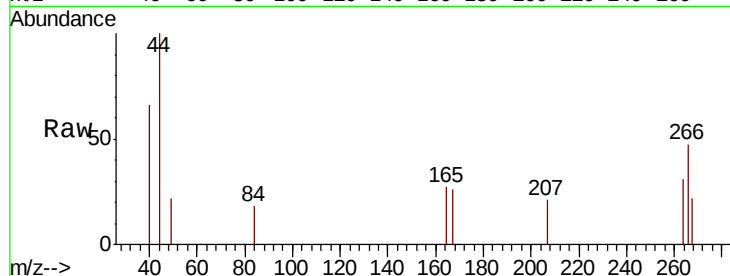
#70
 Pentachlorophenol
 Concen: 0.241 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

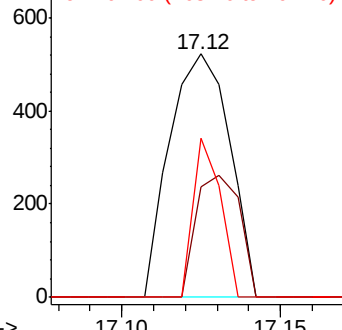
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	685		
268	45.3		55.0	82.6#
264	65.4		58.9	88.3

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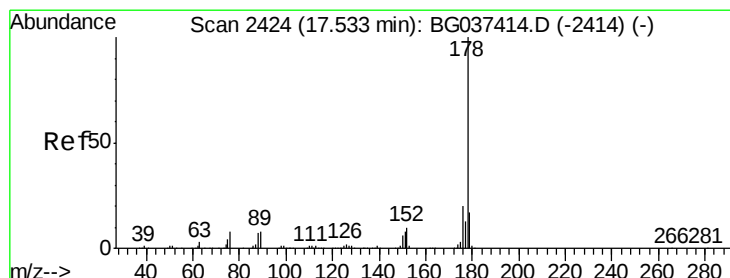
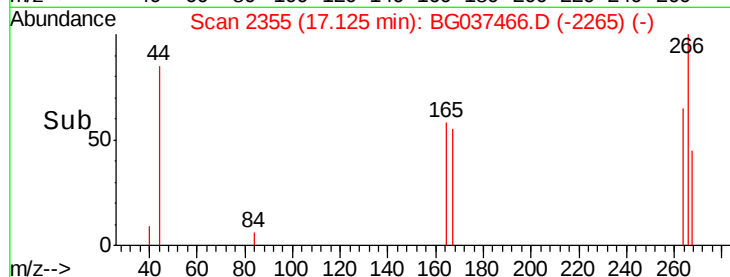
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Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

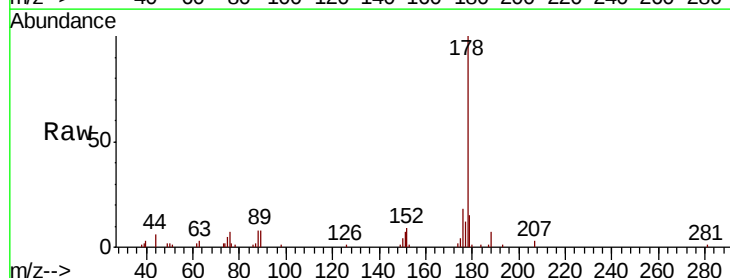


Time-->

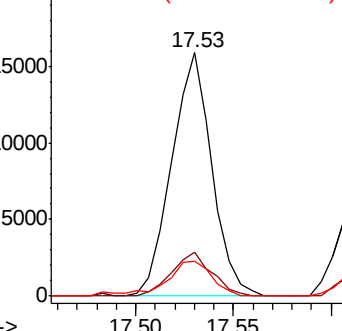


#71
 Phenanthrene
 Concen: 1.191 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

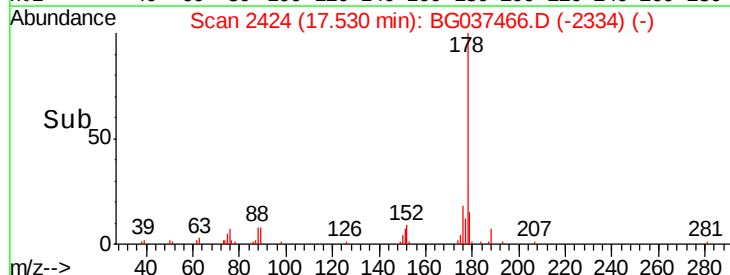
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	22536		
176	18.1		16.1	24.1
179	14.6		13.0	19.4

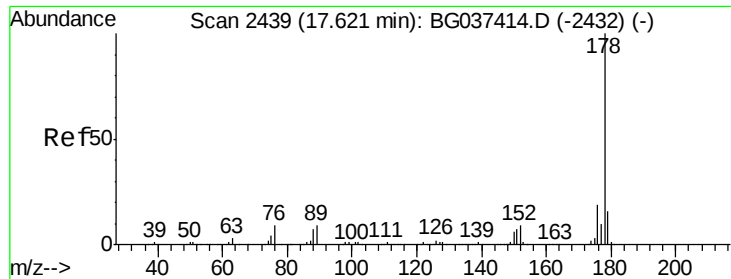


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





#72

Anthracene

Concen: 1.112 ng

RT: 17.62 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

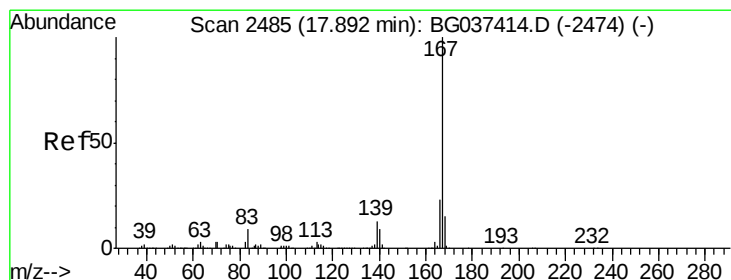
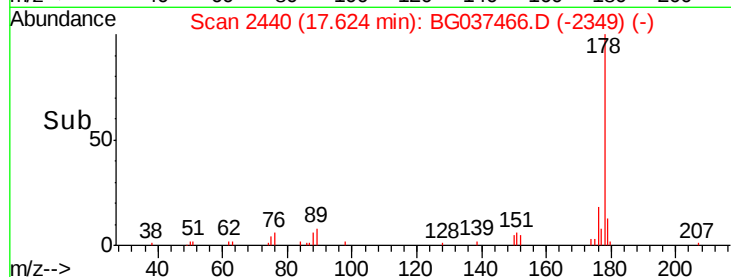
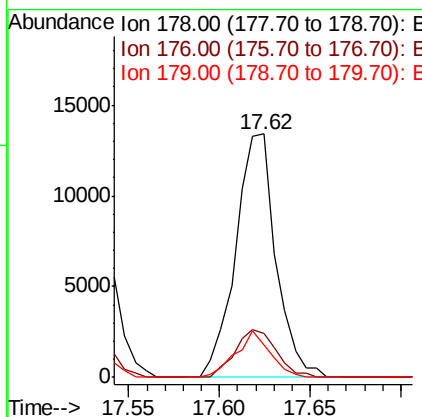
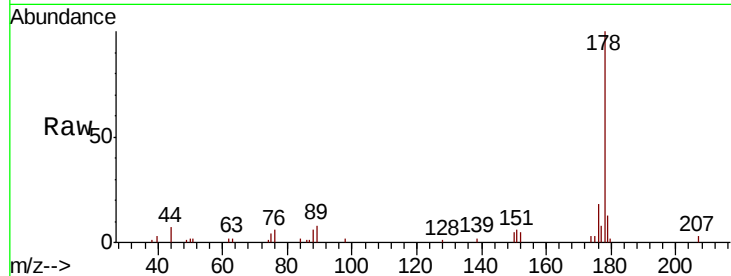
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	178	Resp:	20659
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.0	22.4
179	13.2	12.8	19.2

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#73

Carbazole

Concen: 0.944 ng

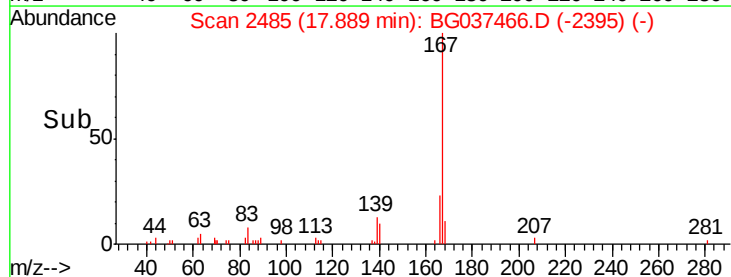
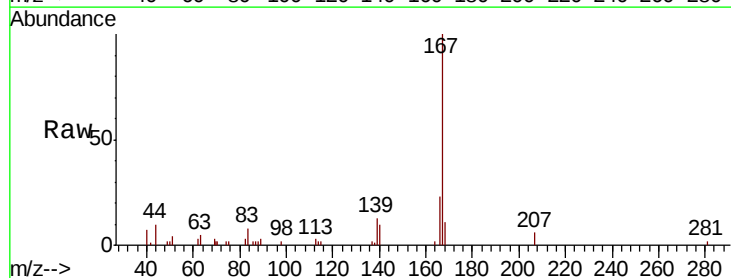
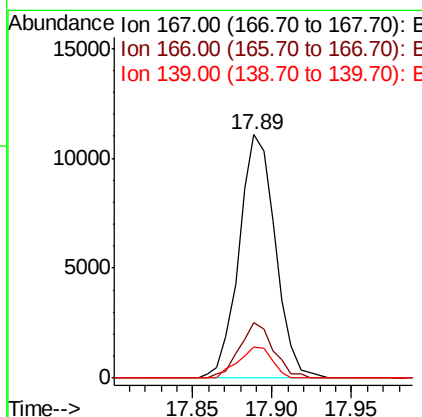
RT: 17.89 min Scan# 2485

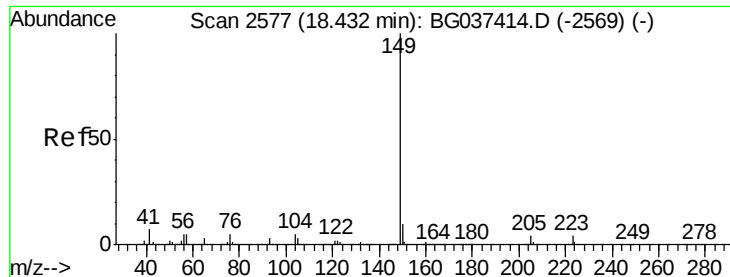
Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:	167	Resp:	17544
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.3	27.5
139	12.7	10.5	15.7





#74

Di-n-butylphthalate

Concen: 0.958 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

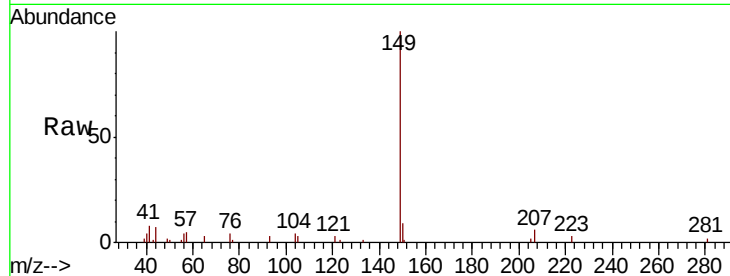
ClientSampleId :

MDL-WATER-03-QT4-2018

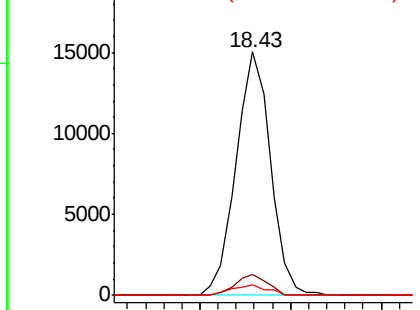
Tgt Ion:	149	Resp:	19811
Ion Ratio	Lower	Upper	
149	100		
150	8.5	8.2	12.2
104	4.4	4.0	6.0

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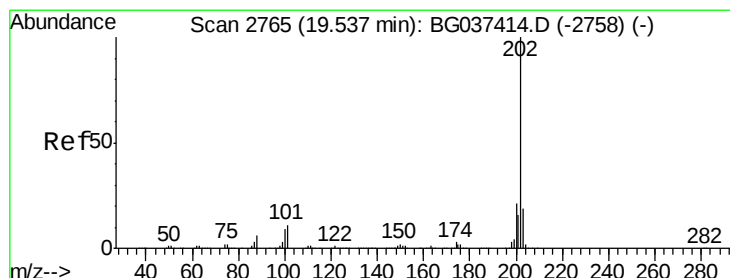
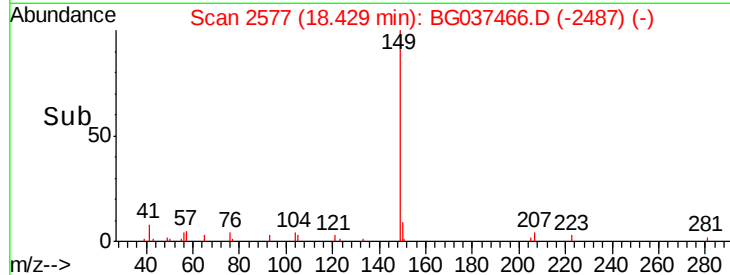
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 1.116 ng

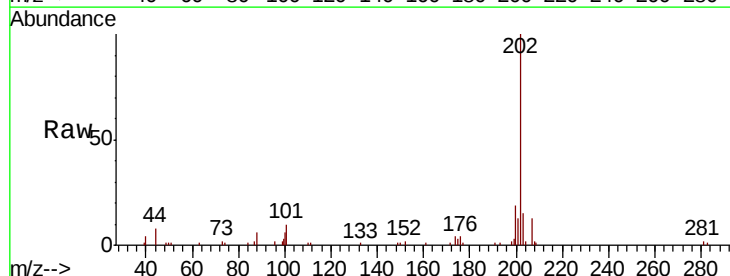
RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

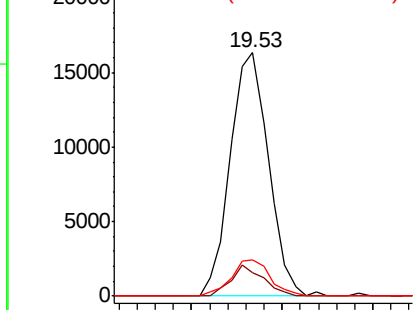
Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

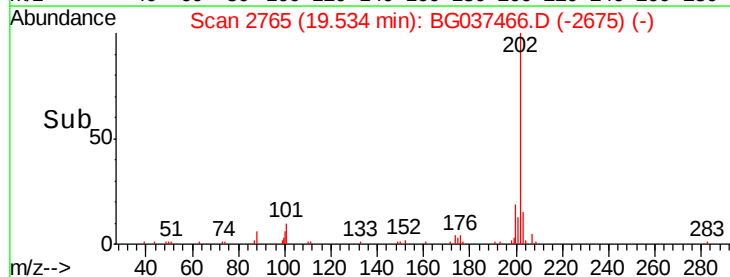
Tgt Ion:	202	Resp:	23961
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.7
203	15.0	0.0	38.5

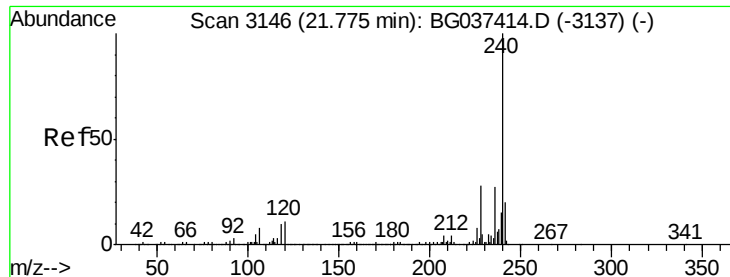


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





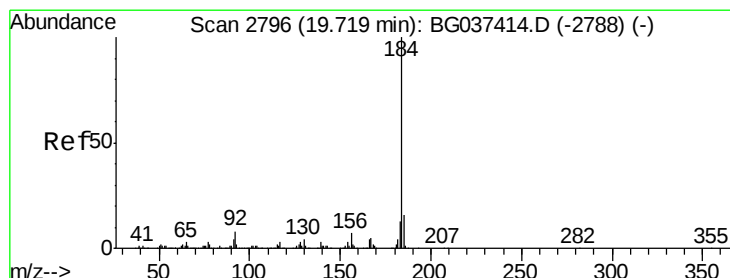
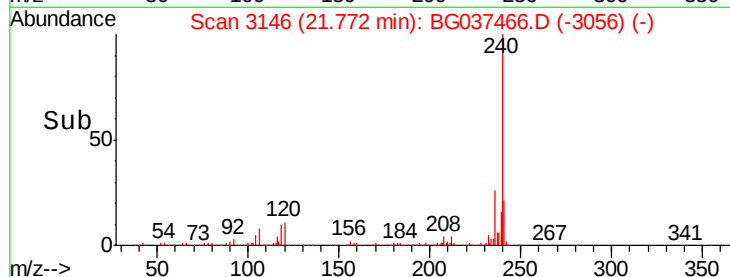
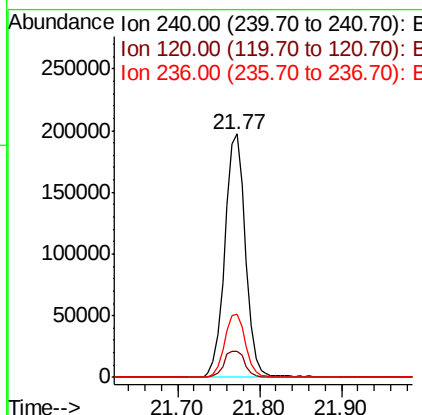
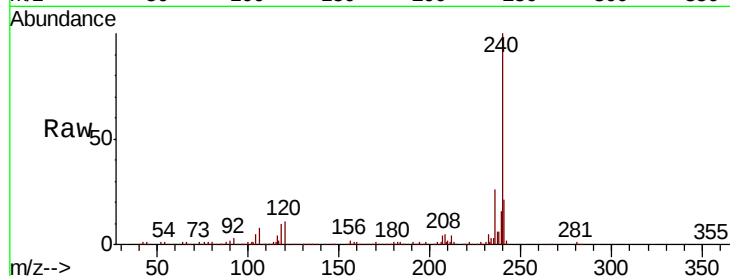
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.0	21.4	32.0

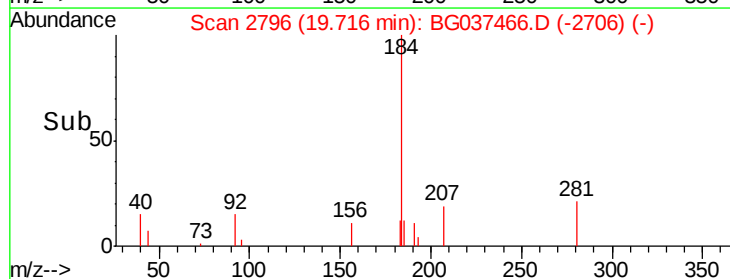
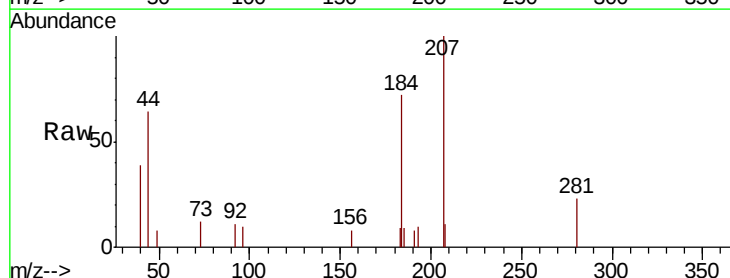
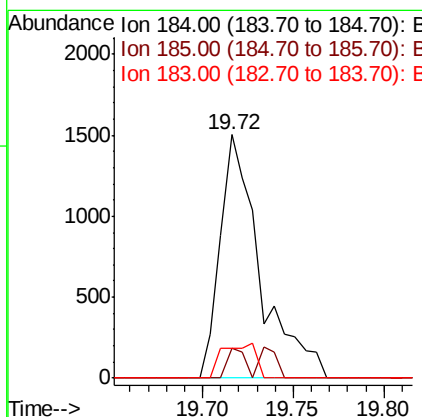
Manual Integrations
APPROVED

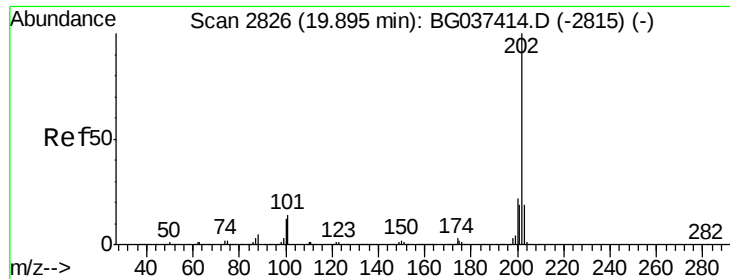
Sohil
10/22/2018 3:39:28 PM



#77
Benzidine
Concen: 0.196 ng
RT: 19.72 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.3	12.6	18.8#
183	12.4	10.2	15.2





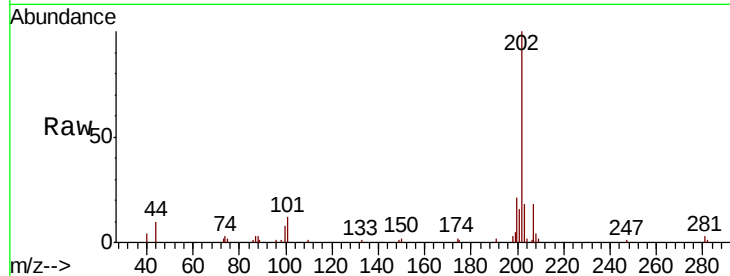
#78
Pyrene
Concen: 1.034 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	18.4	15.2	22.8

Manual Integrations
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Sohil
10/22/2018 3:39:28 PM

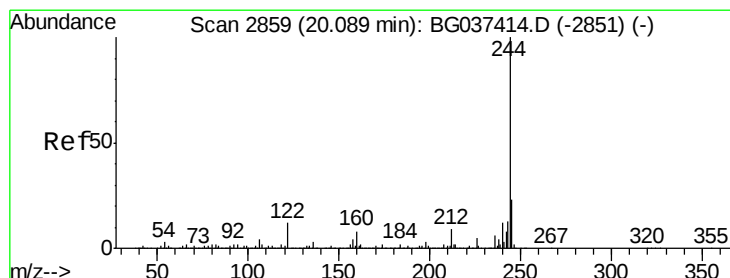
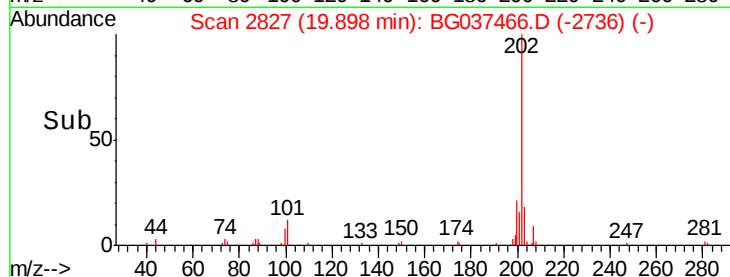
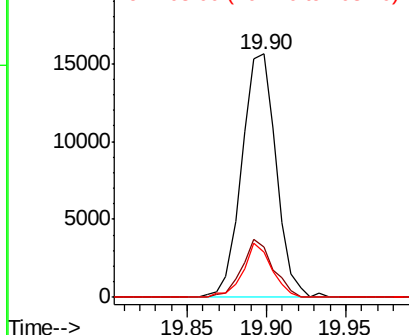


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 82.008 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

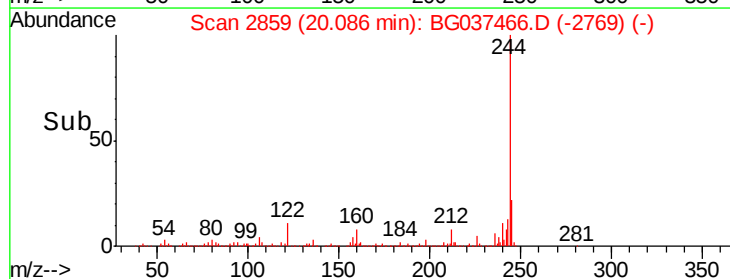
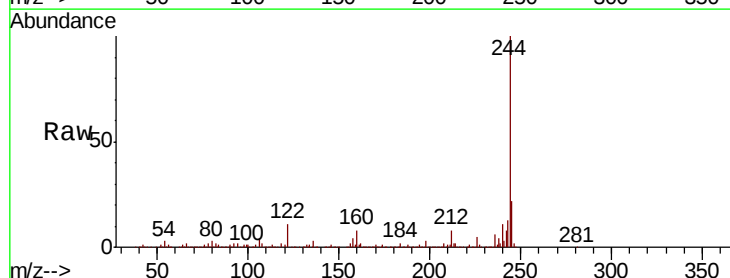
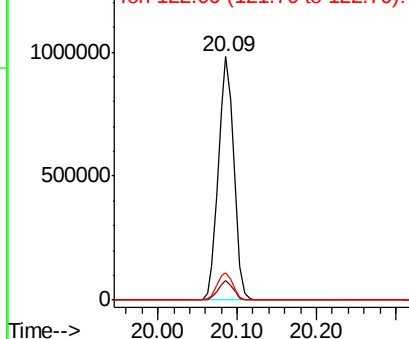
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	11.3	9.0	13.4

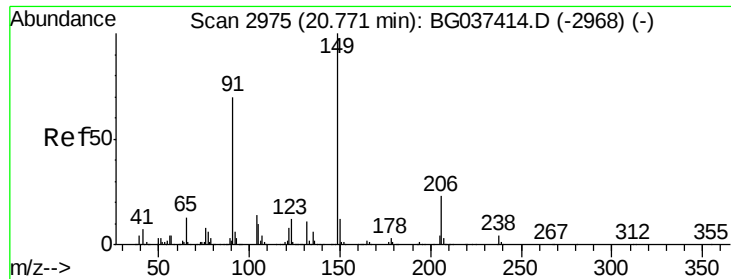
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





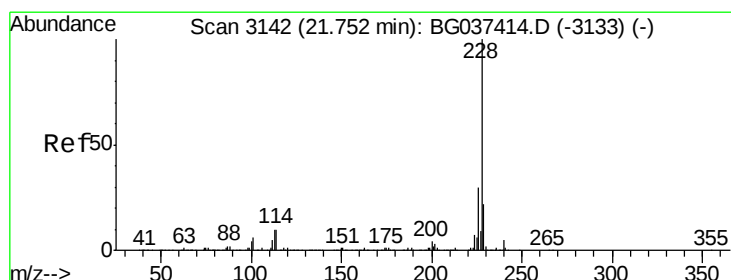
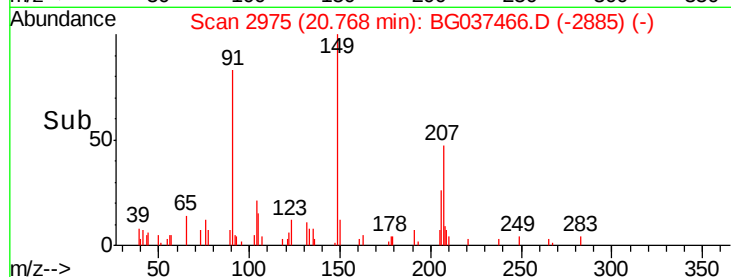
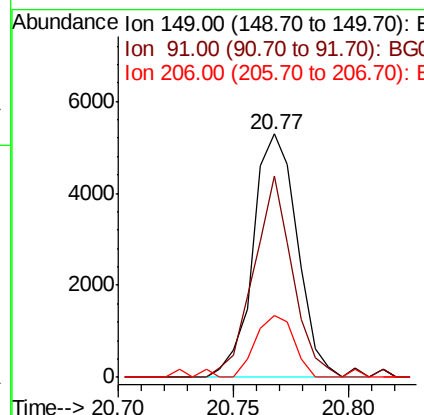
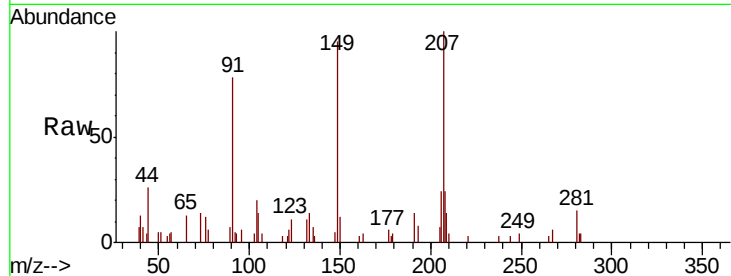
#80
Butylbenzylphthalate
Concen: 0.758 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.6	57.0	85.4
206	25.5	17.8	26.6

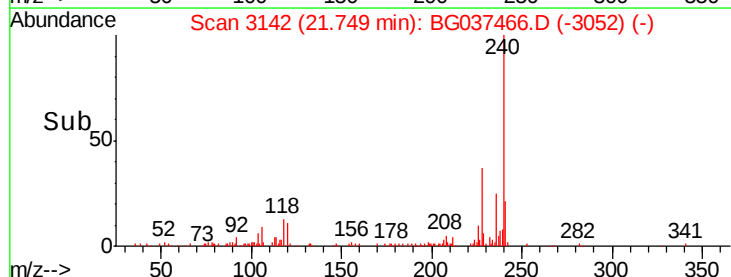
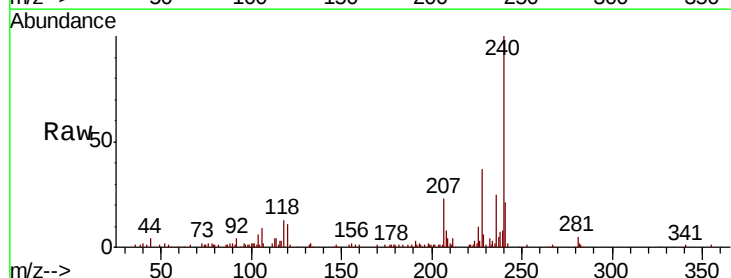
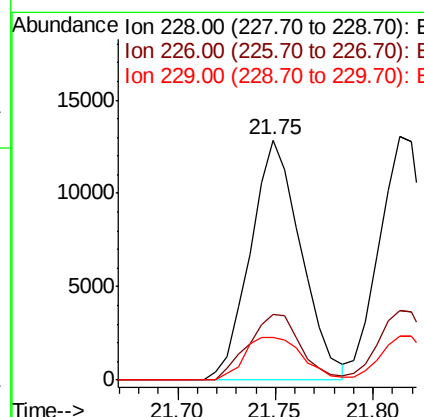
Manual Integrations
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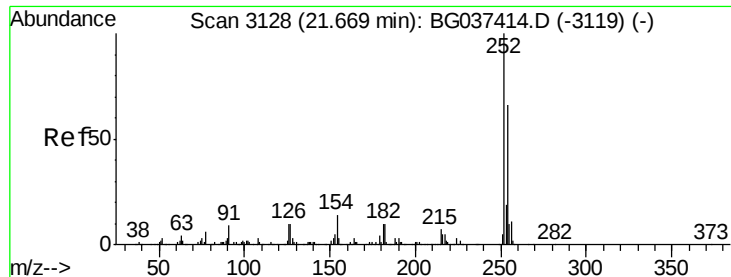
Sohil
10/22/2018 3:39:28 PM



#81
Benzo(a)anthracene
Concen: 1.126 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	17.6	16.3	24.5





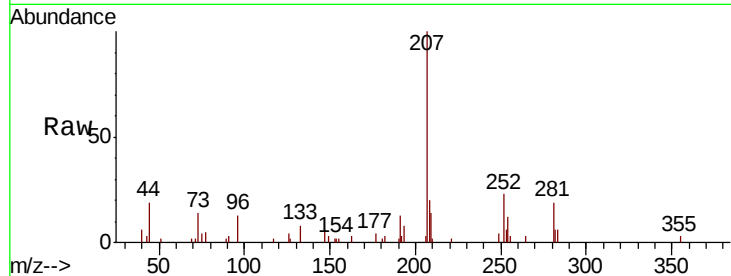
#82
 3,3'-Dichlorobenzidine
 Concen: 0.526 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
254	54.4	52.0	78.0
126	16.5	8.2	12.4

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:28 PM

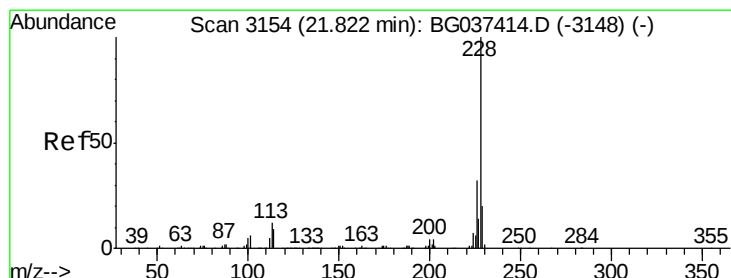
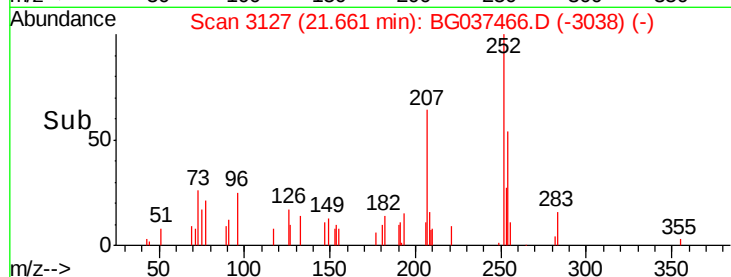
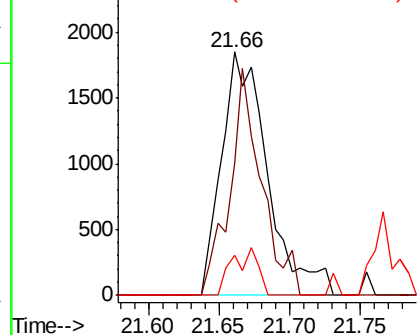


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 1.157 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

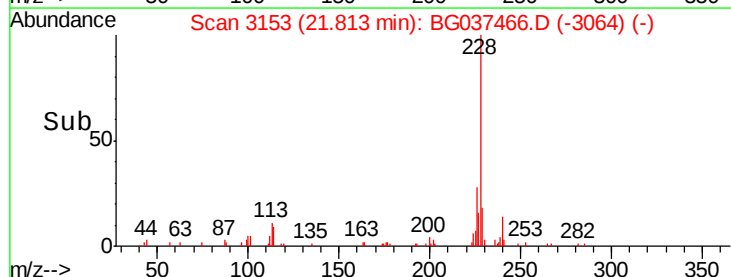
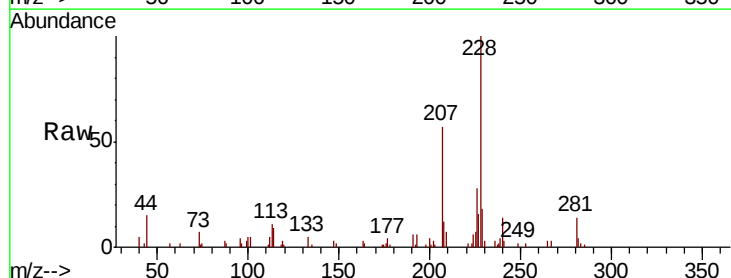
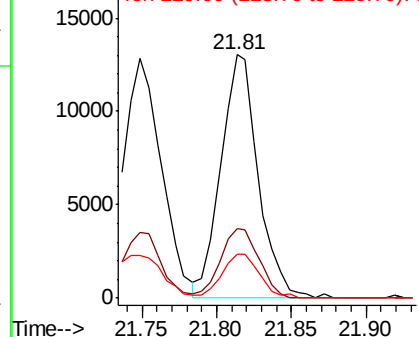
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.7	38.5
229	17.9	16.5	24.7

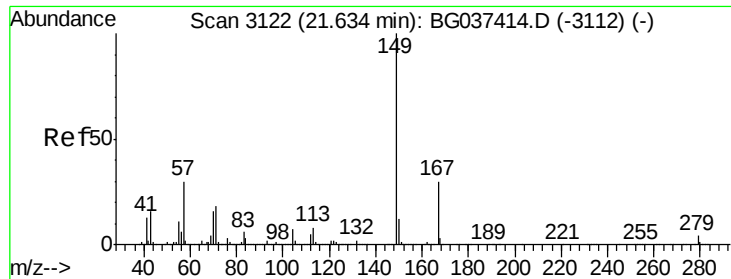
Abundance

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





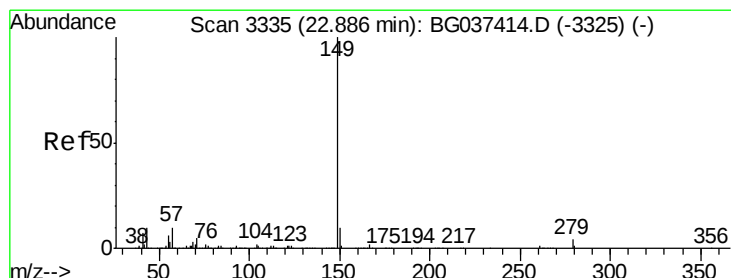
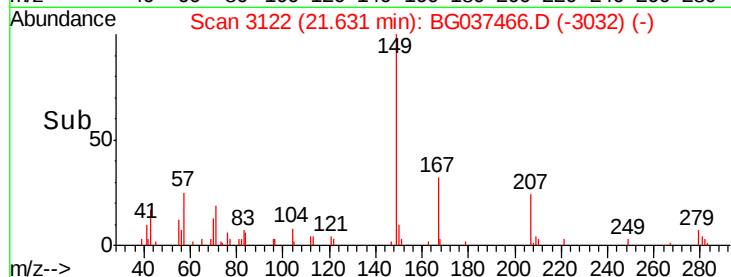
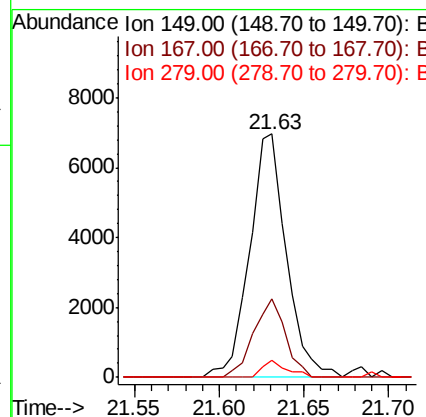
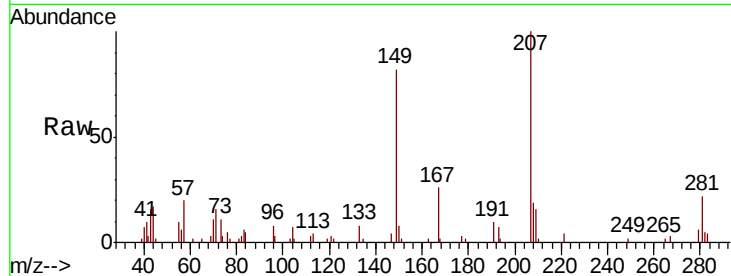
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.810 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	23.0	34.4
279	6.9	3.6	5.4#

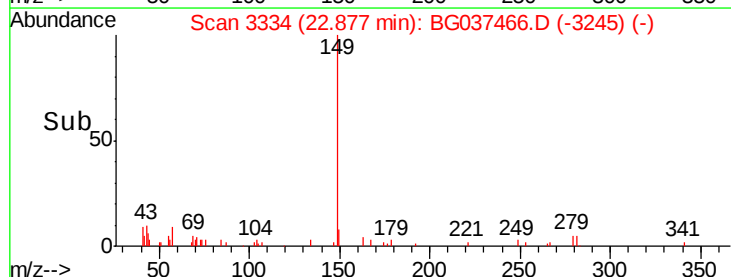
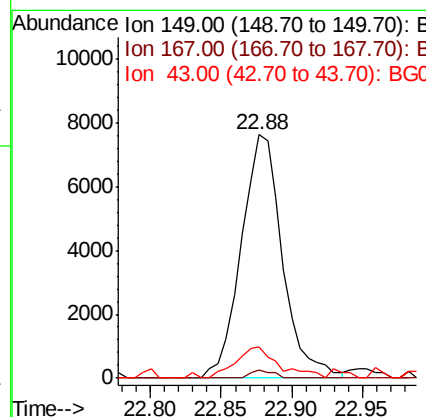
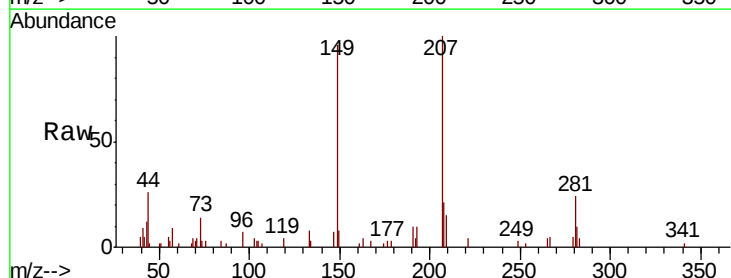
Manual Integrations
 APPROVED

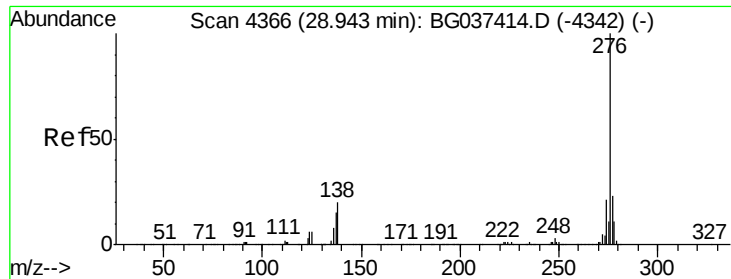
Sohil
 10/22/2018 3:39:28 PM



#85
 Di-n-octyl phthalate
 Concen: 0.735 ng
 RT: 22.88 min Scan# 3334
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.4	8.7	13.1#





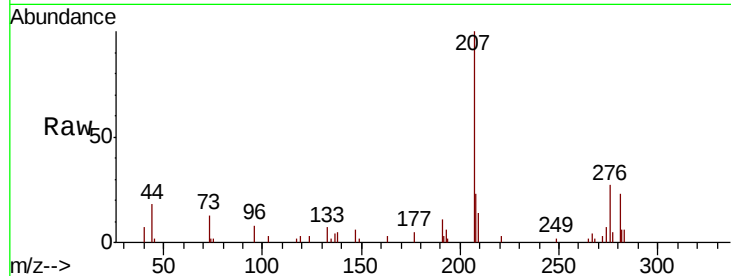
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.633 ng m
 RT: 28.92 min Scan# 4363
 Delta R.T. -0.02 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.0	18.0#
277	6.0	20.6	30.8#

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:28 PM

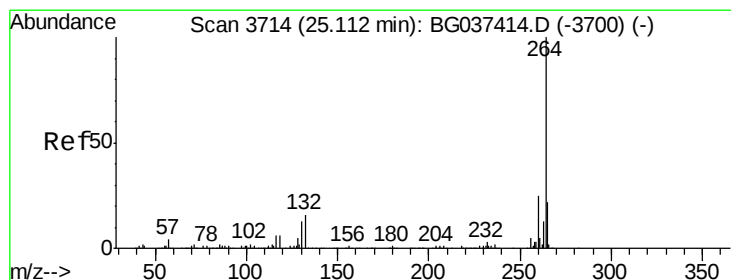
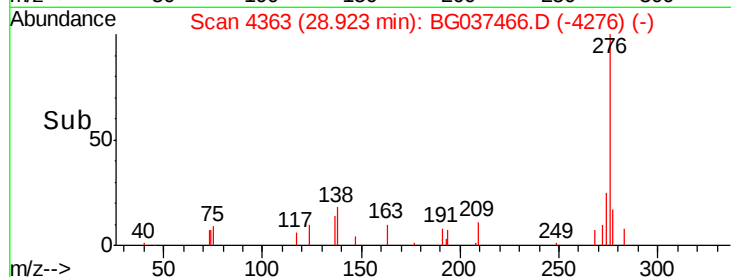
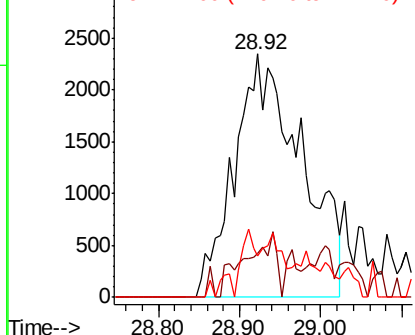


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

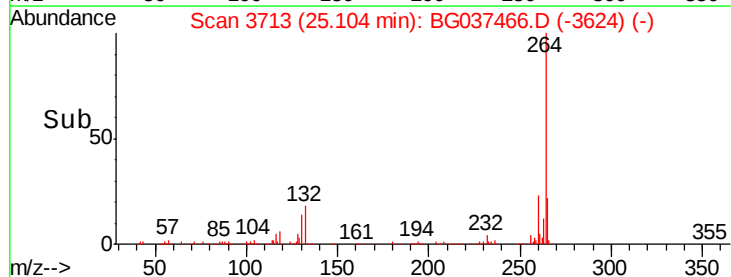
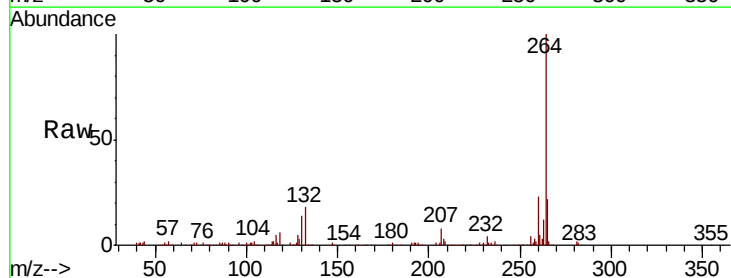
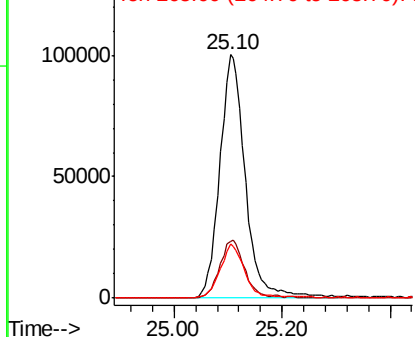
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.4	17.9	26.9

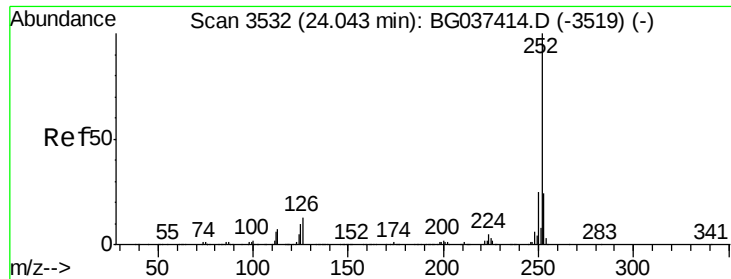
Abundance

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





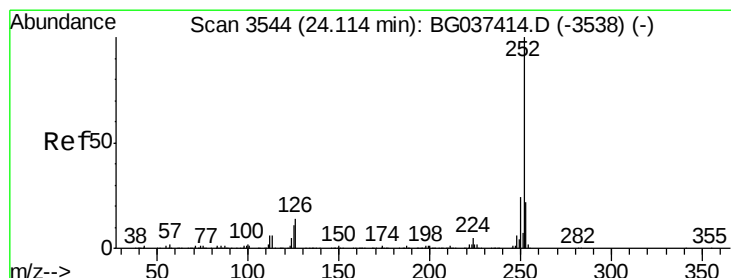
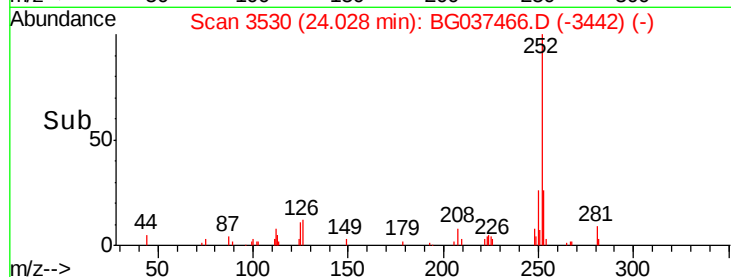
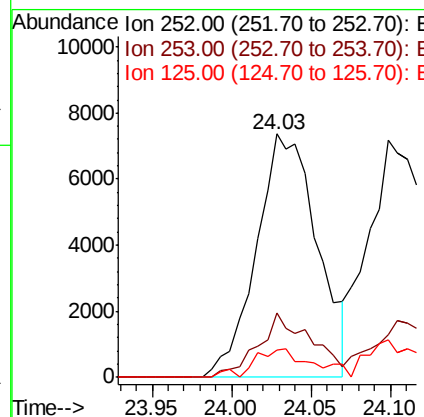
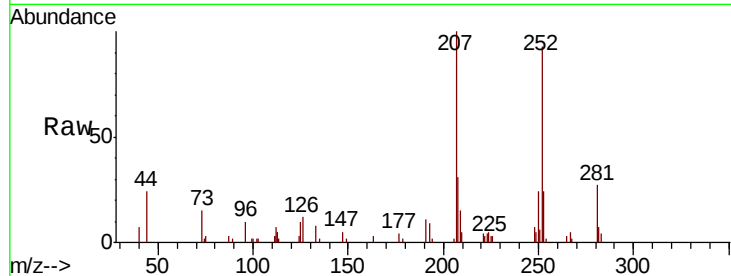
#88
Benzo(b)fluoranthene
Concen: 1.074 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	19624		
253	26.4	18.2	27.2	
125	11.0	7.8	11.6	

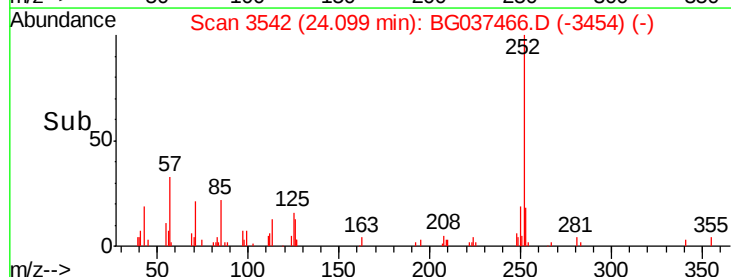
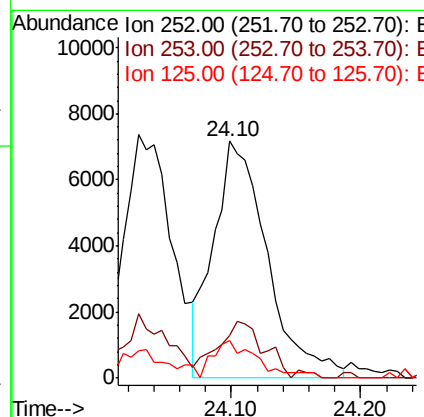
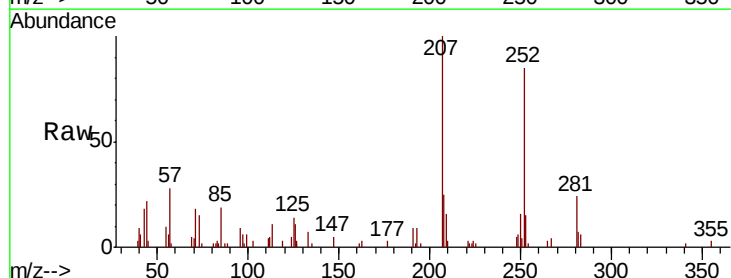
Manual Integrations
APPROVED

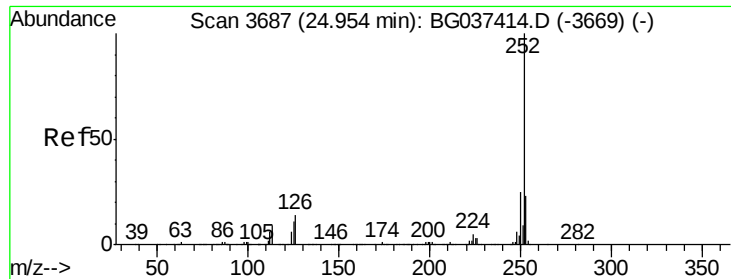
Sohil
10/22/2018 3:39:28 PM



#89
Benzo(k)fluoranthene
Concen: 1.170 ng m
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	20955		
253	18.1	17.4	26.2	
125	16.0	7.4	11.0#	





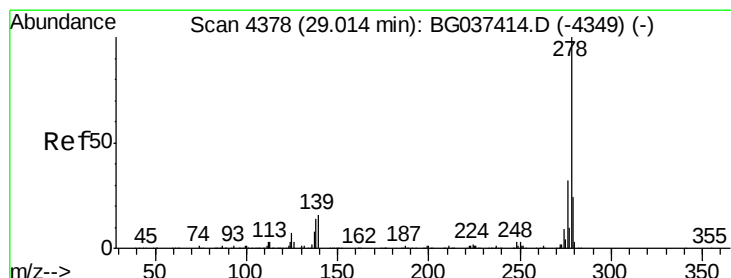
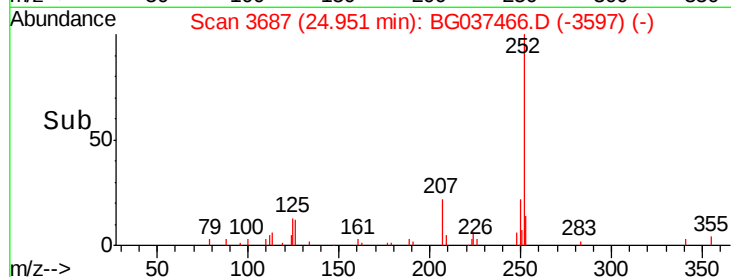
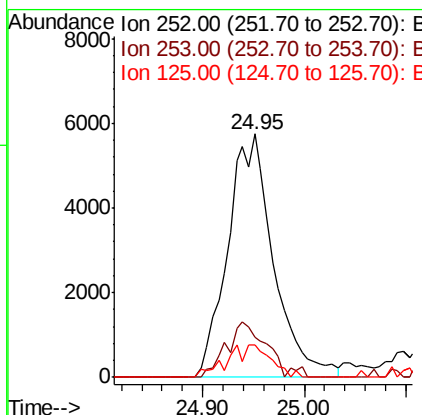
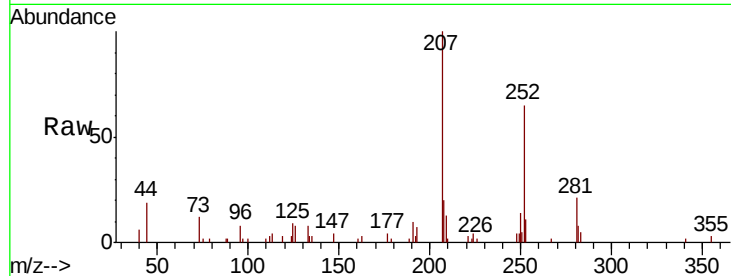
#90
Benzo(a)pyrene
Concen: 1.034 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.7	17.4	26.2#
125	13.3	9.0	13.6

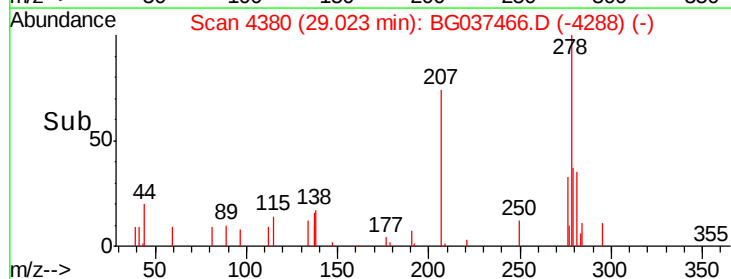
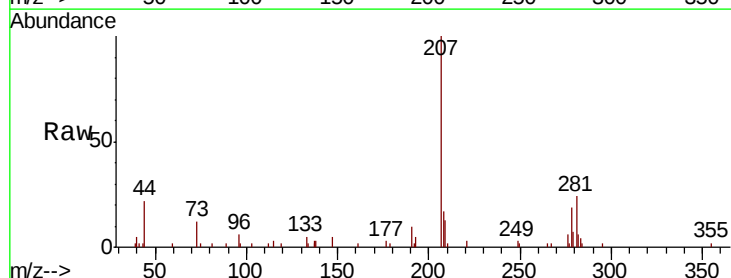
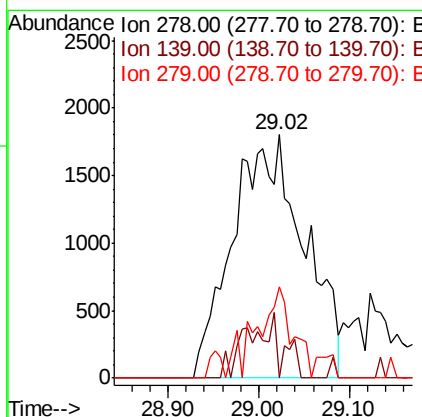
Manual Integrations
APPROVED

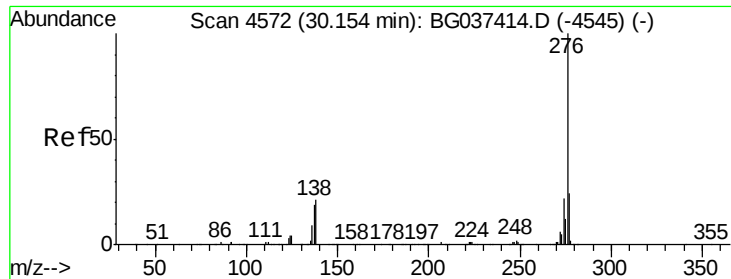
Sohil
10/22/2018 3:39:28 PM



#91
Dibenzo(a,h)anthracene
Concen: 0.612 ng m
RT: 29.02 min Scan# 4380
Delta R.T. 0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	37.5	18.6	27.8#





#92
 Benzo(g,h,i)perylene
 Concen: 0.838 ng m
 RT: 30.12 min Scan# 4566
 Delta R.T. -0.04 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion:	276	Resp:	13578
Ion Ratio	Lower	Upper	
276	100		
277	20.2	18.9	28.3
138	24.8	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:28 PM

