

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037461.D
 Acq On : 19 Oct 2018 19:51
 Operator : JU/SJ
 Sample : J5164-08
 Misc : LOQ 20 PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:25 PM

Quant Time: Oct 20 02:45:11 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	51651	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	238479	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	157047	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	390575	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363594	20.00	ng	0.00
87) Perylene-d12	25.11	264	370942	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	459774	148.82	ng	0.00
7) Phenol-d6	7.25	99	664140	142.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	351723	82.62	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	244710	142.86	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	847744	81.40	ng	0.00
79) Terphenyl-d14	20.09	244	1345508	79.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	25859	16.505	ng	97
3) Pyridine	3.94	79	74407	18.843	ng	99
4) n-Nitrosodimethylamine	3.86	42	30598	21.754	ng	90
6) Aniline	7.43	93	96460	16.926	ng	97
8) 2-Chlorophenol	7.67	128	73136	20.236	ng	98
9) Benzaldehyde	7.25	77	51218	17.527	ng	97
10) Phenol	7.28	94	102690	20.834	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	74453	19.888	ng	93
12) 1,3-Dichlorobenzene	8.00	146	78656	19.549	ng	98
13) 1,4-Dichlorobenzene	8.14	146	79836	19.398	ng	97
14) 1,2-Dichlorobenzene	8.46	146	74966	18.935	ng	97
15) Benzyl Alcohol	8.34	79	67380	19.520	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	132778	19.822	ng	97
17) 2-Methylphenol	8.54	107	67634	20.755	ng	95
18) Hexachloroethane	9.19	117	27201	19.386	ng	90
19) n-Nitroso-di-n-propylamine	8.91	70	61062	18.981	ng	94
20) 3+4-Methylphenols	8.87	107	94528	20.289	ng	94
22) Acetophenone	8.94	105	119132	19.919	ng	# 97
24) Nitrobenzene	9.32	77	88802	20.080	ng	97
25) Isophorone	9.84	82	170759	21.953	ng	97
26) 2-Nitrophenol	10.04	139	37901	19.024	ng	98
27) 2,4-Dimethylphenol	10.08	122	80415	22.606	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	104096	20.426	ng	99
29) 2,4-Dichlorophenol	10.56	162	78944	19.932	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	80579	18.709	ng	99
31) Naphthalene	10.98	128	250356	21.373	ng	98
32) Benzoic acid	10.16	122	37330m	16.157	ng	
33) 4-Chloroaniline	11.09	127	85040	15.451	ng	98
34) Hexachlorobutadiene	11.25	225	48057	18.826	ng	100
35) Caprolactam	11.86	113	28668	18.048	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	89583	20.056	ng	98
37) 2-Methylnaphthalene	12.58	142	189996	22.251	ng	99
38) 1-Methylnaphthalene	12.80	142	183355	22.112	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	93367	18.432	ng	100

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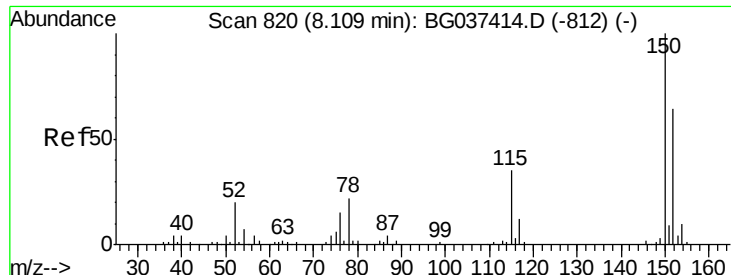
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	53521	22.119	ng	100
43) 2,4,6-Trichlorophenol	13.17	196	65829	19.452	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	76877	20.864	ng	99
46) 1,1'-Biphenyl	13.58	154	241544	18.571	ng	99
47) 2-Chloronaphthalene	13.62	162	192245	19.538	ng	98
48) 2-Nitroaniline	13.83	65	58481	19.599	ng	95
49) Acenaphthylene	14.46	152	320812	21.674	ng	99
50) Dimethylphthalate	14.19	163	255097	20.997	ng	98
51) 2,6-Dinitrotoluene	14.32	165	55203	20.539	ng	92
52) Acenaphthene	14.81	154	190595	20.908	ng	98
53) 3-Nitroaniline	14.65	138	52552	17.613	ng	# 92
54) 2,4-Dinitrophenol	14.85	184	10781	20.705	ng	96
55) Dibenzofuran	15.14	168	314298	20.810	ng	98
56) 4-Nitrophenol	14.93	139	41101	18.610	ng	97
57) 2,4-Dinitrotoluene	15.10	165	76676	21.733	ng	# 95
58) Fluorene	15.79	166	251431	22.230	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	61451	19.478	ng	94
60) Diethylphthalate	15.54	149	260974	20.923	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	128618	19.510	ng	97
62) 4-Nitroaniline	15.81	138	62566	21.103	ng	90
63) Azobenzene	16.07	77	253066	21.264	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	27503	19.548	ng	98
66) n-Nitrosodiphenylamine	15.99	169	227533	19.367	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	78979	18.414	ng	97
68) Hexachlorobenzene	16.78	284	83293	18.737	ng	99
69) Atrazine	16.93	200	85652	20.164	ng	98
70) Pentachlorophenol	17.13	266	40319	13.541	ng	93
71) Phenanthrene	17.53	178	431224	21.724	ng	96
72) Anthracene	17.62	178	433591	22.258	ng	100
73) Carbazole	17.89	167	396894	20.368	ng	99
74) Di-n-butylphthalate	18.43	149	468387	21.608	ng	99
75) Fluoranthene	19.54	202	513344	22.801	ng	98
77) Benzidine	19.72	184	87111	7.046	ng	97
78) Pyrene	19.89	202	515682	21.696	ng	97
80) Butylbenzylphthalate	20.77	149	198078	20.363	ng	96
81) Benzo(a)anthracene	21.75	228	473735	22.028	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	123909	14.864	ng	98
83) Chrysene	21.82	228	434165	20.995	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	278841	20.450	ng	98
85) Di-n-octyl phthalate	22.88	149	459393	20.661	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	442701	19.959	ng	# 95
88) Benzo(b)fluoranthene	24.04	252	439330	21.603	ng	99
89) Benzo(k)fluoranthene	24.11	252	433615	21.763	ng	98
90) Benzo(a)pyrene	24.95	252	428269	22.162	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	354936	19.912	ng	# 96
92) Benzo(g,h,i)perylene	30.12	276	368488	20.433	ng	99

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



#1

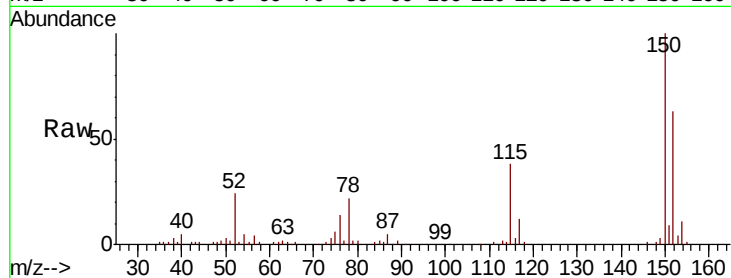
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	59.6	45.5	68.3

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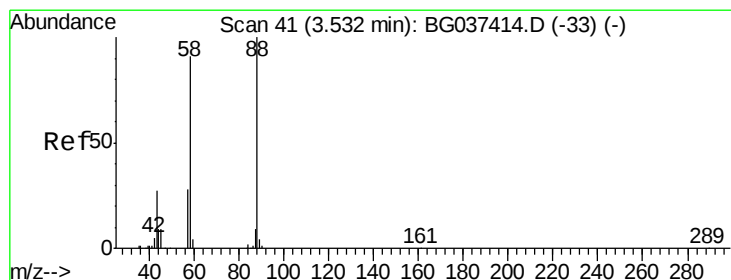
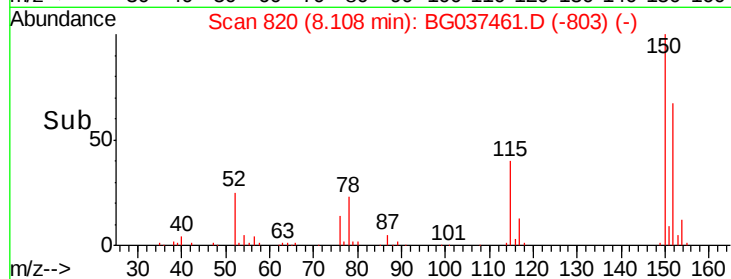
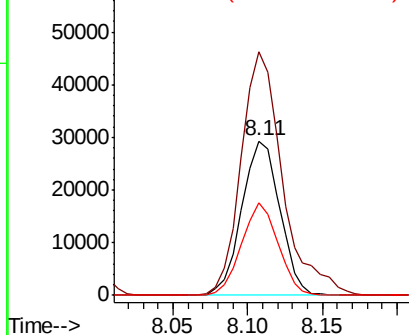


Abundance

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: 16.505 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

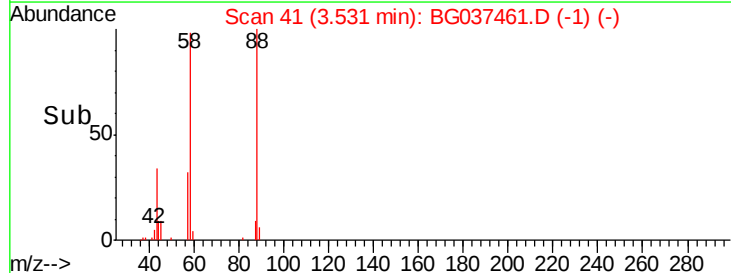
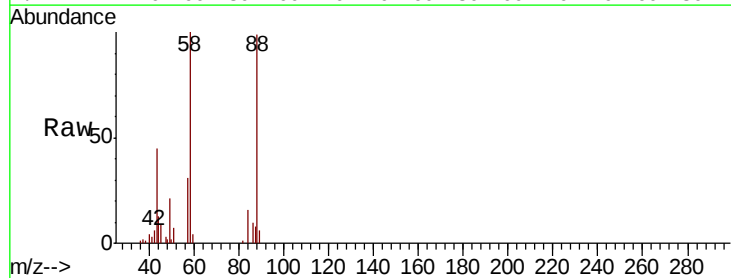
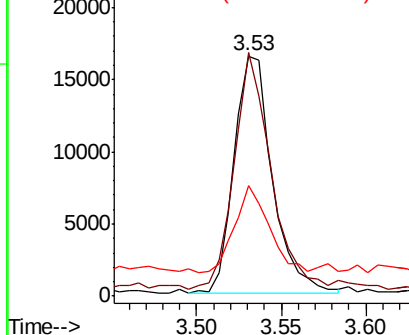
Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.5	74.4	111.6
43	32.5	25.8	38.8

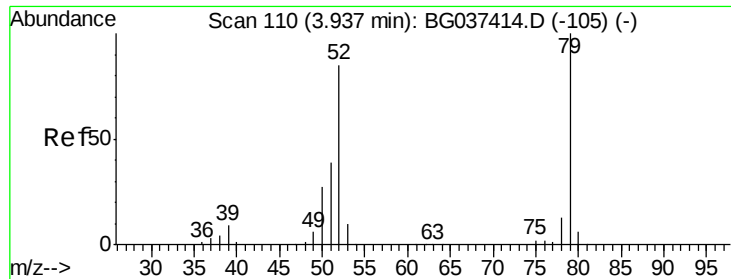
Abundance

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: 18.843 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

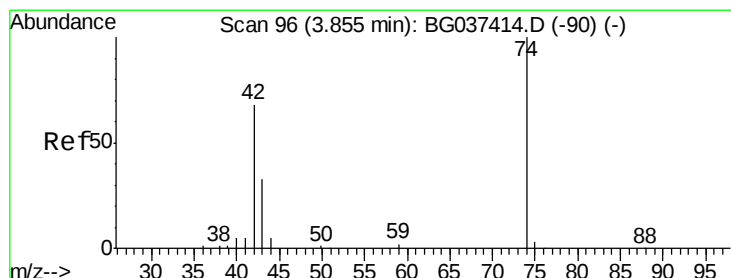
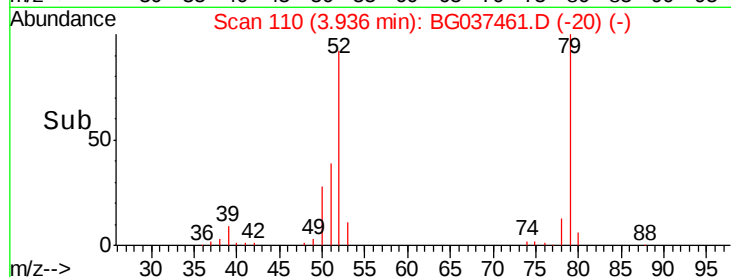
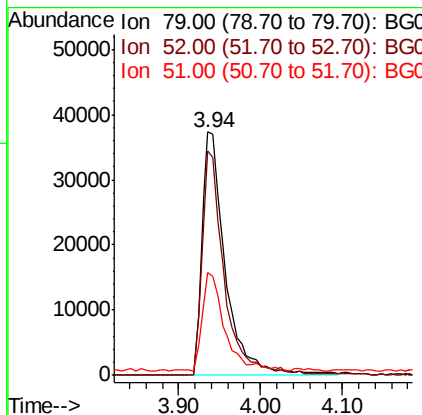
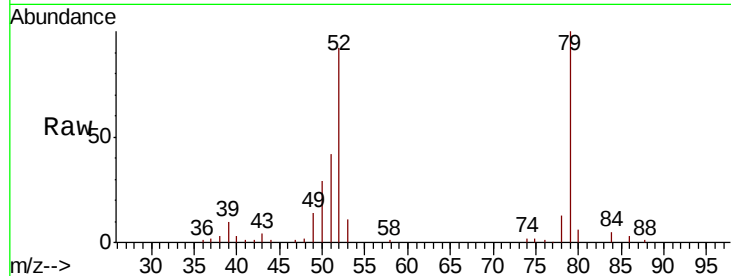
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	79	Resp:	74407
Ion Ratio	Lower	Upper	
79	100		
52	91.9	74.2	111.2
51	42.1	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 21.754 ng

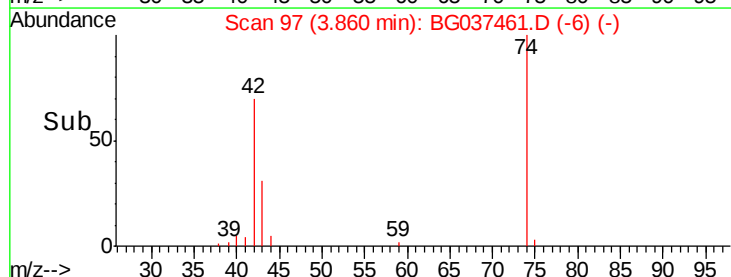
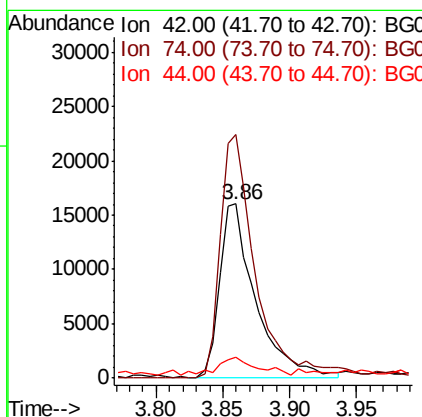
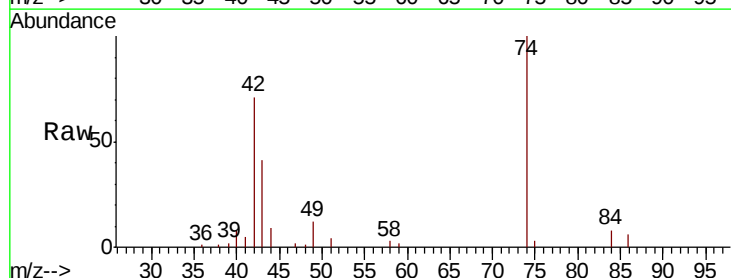
RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	42	Resp:	30598
Ion Ratio	Lower	Upper	
42	100		
74	140.0	102.0	153.0
44	11.9	9.6	14.4





#5

2-Fluorophenol

Concen: 148.821 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

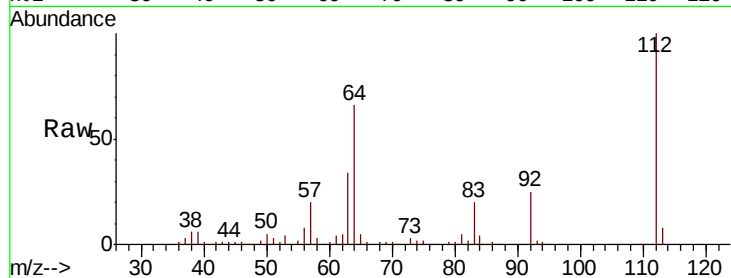
ClientSampleId :

LOQ-WATER-02-QT4-2018

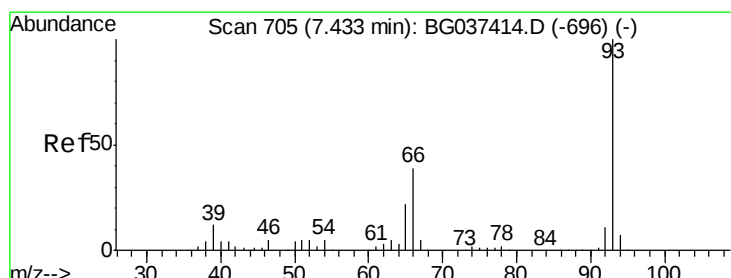
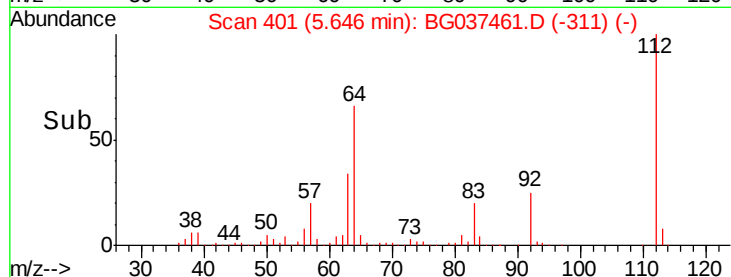
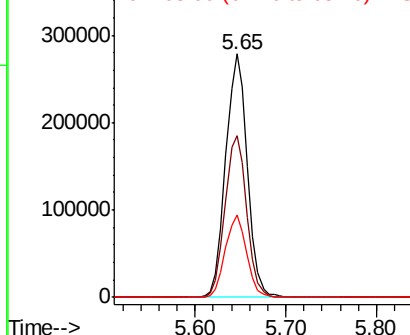
Tgt Ion:	112	Resp:	459774
Ion Ratio	Lower	Upper	
112	100		
64	66.5	53.1	79.7
63	33.6	27.3	40.9

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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: 16.926 ng

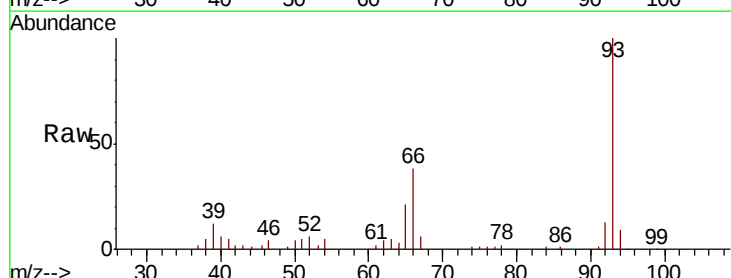
RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

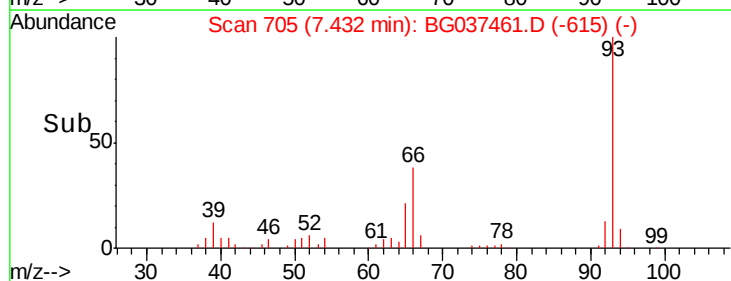
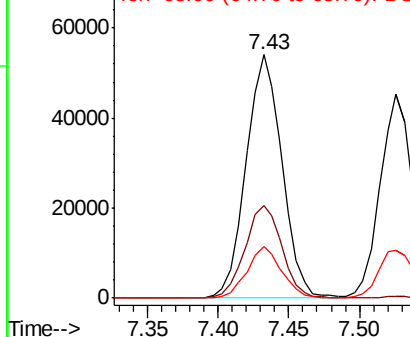
Lab File: BG037461.D

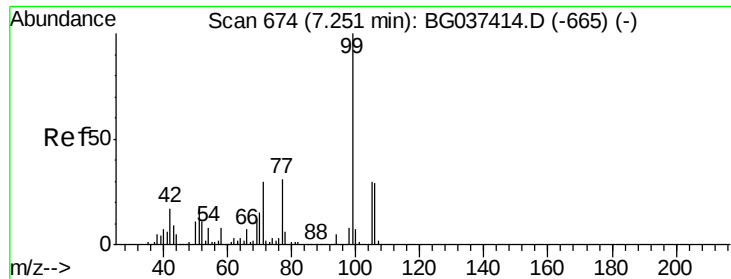
Acq: 19 Oct 2018 19:51

Tgt Ion:	93	Resp:	96460
Ion Ratio	Lower	Upper	
93	100		
66	38.1	32.8	49.2
65	21.1	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: 142.165 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

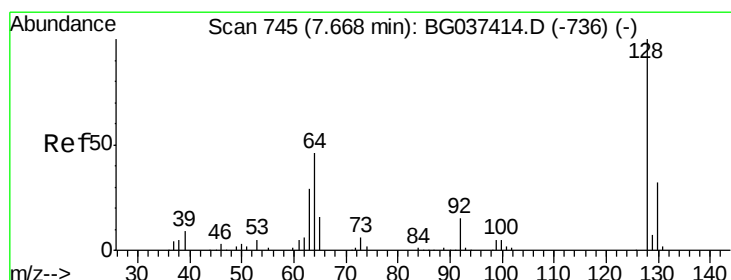
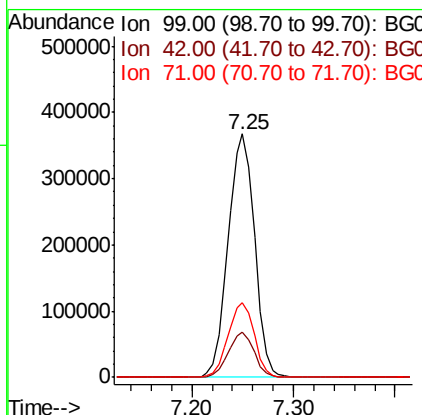
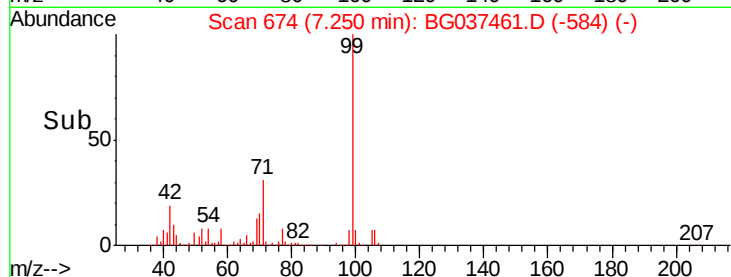
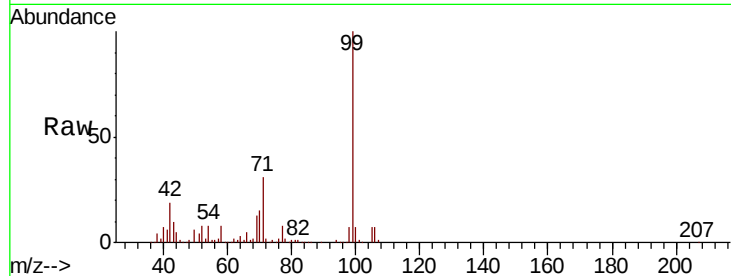
ClientSampleId :

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Tgt Ion:	99	Resp:	664140
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	30.5	25.5	38.3

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#8

2-Chlorophenol

Concen: 20.236 ng

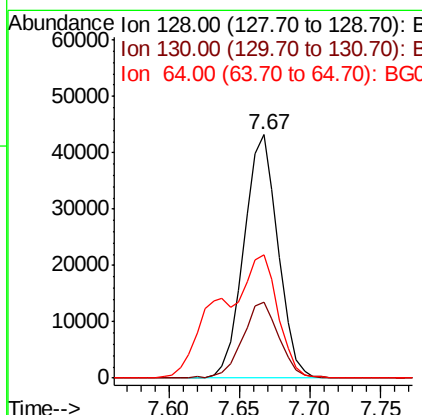
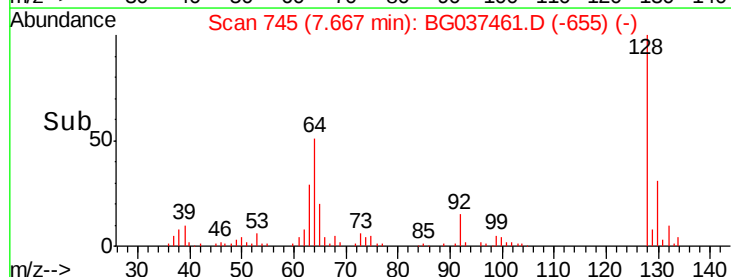
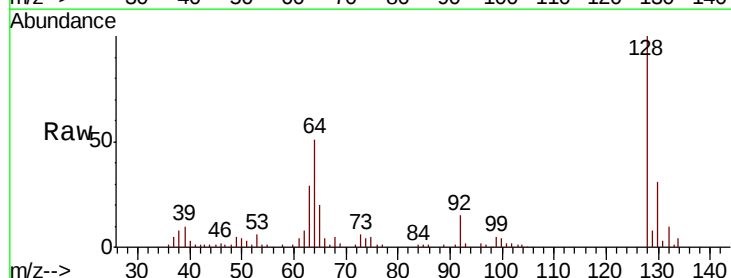
RT: 7.67 min Scan# 745

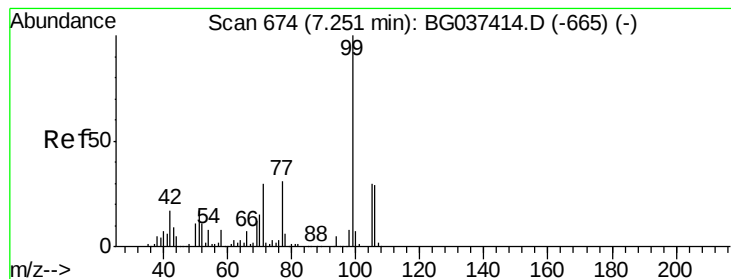
Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	128	Resp:	73136
Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.0	52.0
64	50.8	32.9	72.9





#9

Benzaldehyde

Concen: 17.527 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

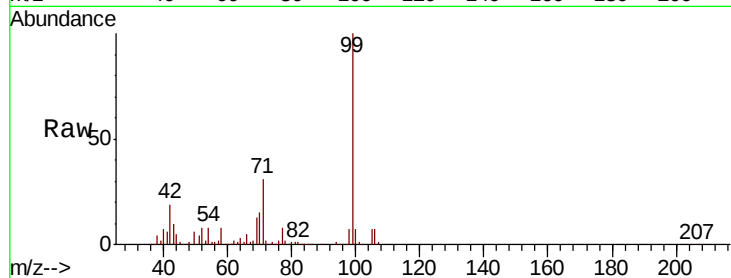
ClientSampleId :

LOQ-WATER-02-QT4-2018

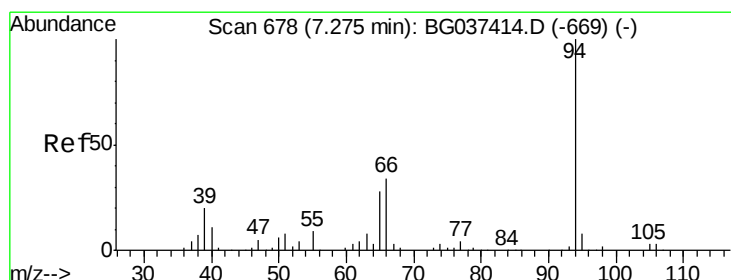
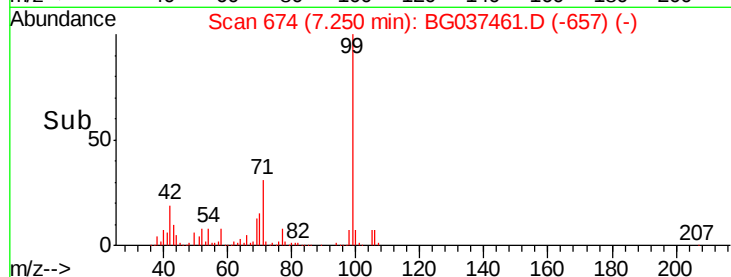
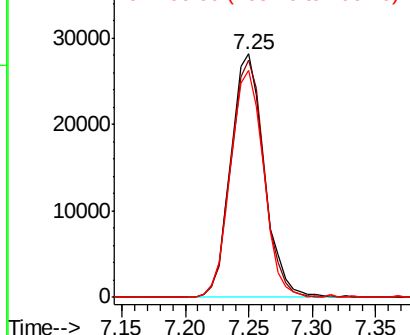
Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.2	72.6	112.6
106	93.3	71.3	111.3

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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: 20.834 ng

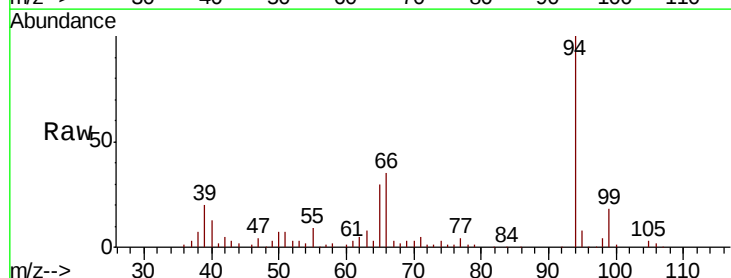
RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

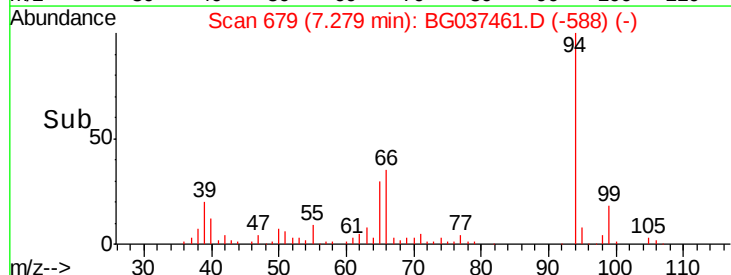
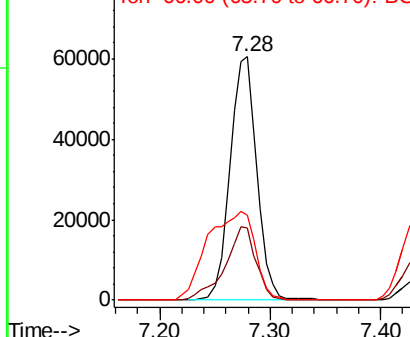
Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.7	49.7
66	34.8	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





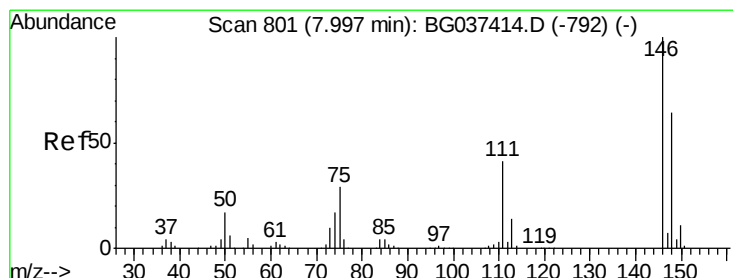
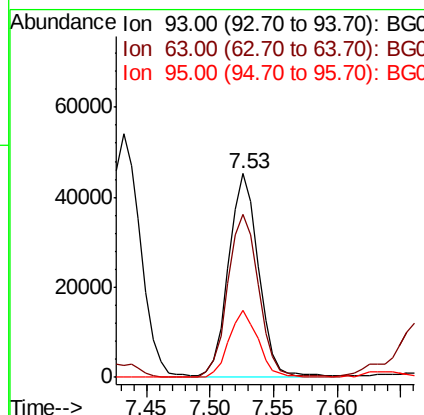
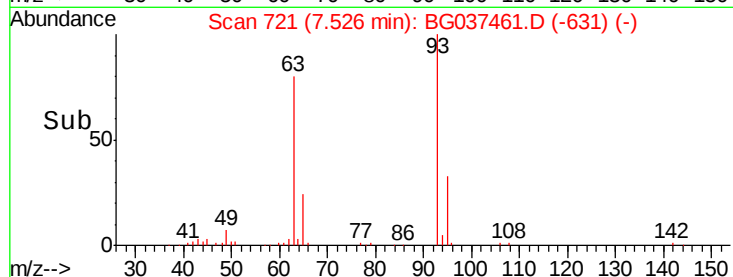
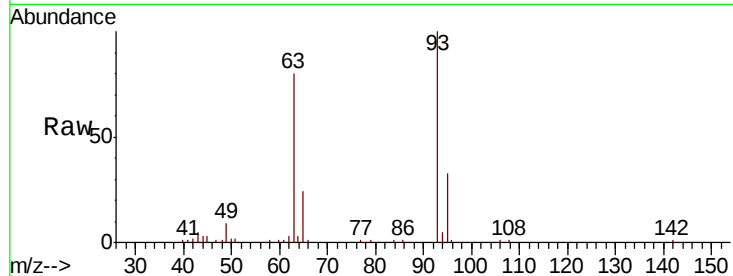
#11
bis(2-Chloroethyl)ether
Concen: 19.888 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.2	69.5	109.5
95	32.6	12.6	52.6

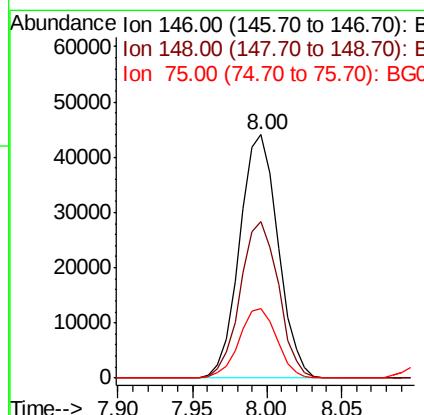
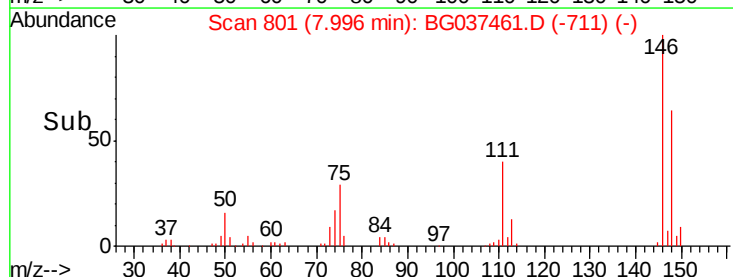
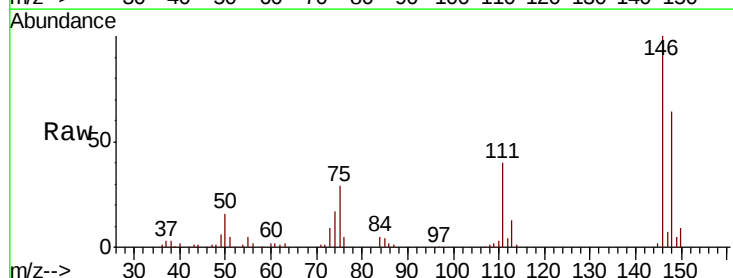
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#12
1,3-Dichlorobenzene
Concen: 19.549 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.8	74.8
75	28.8	23.2	34.8





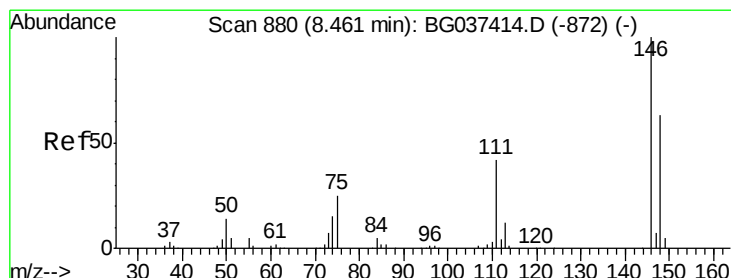
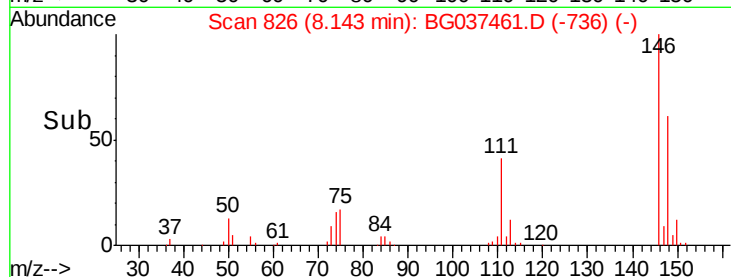
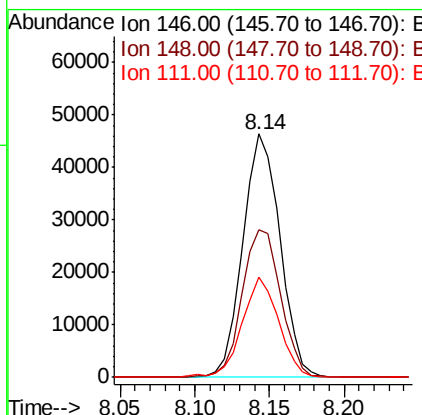
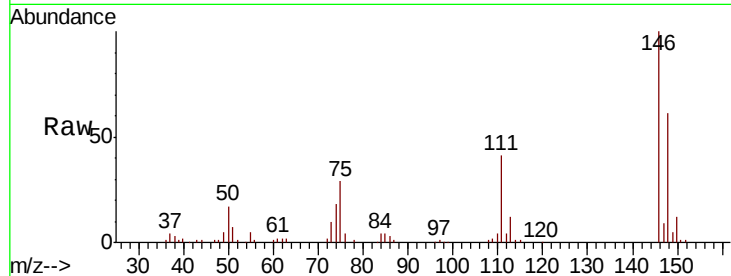
#13
 1,4-Dichlorobenzene
 Concen: 19.398 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	51.0	76.6
111	41.4	32.4	48.6

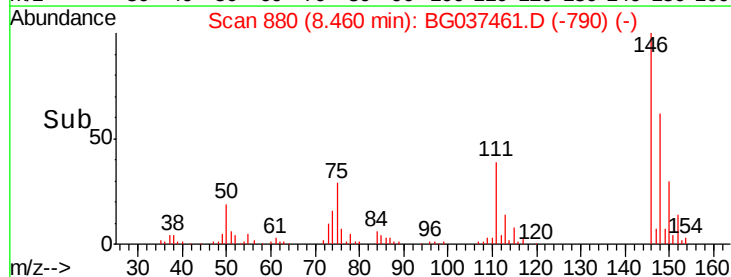
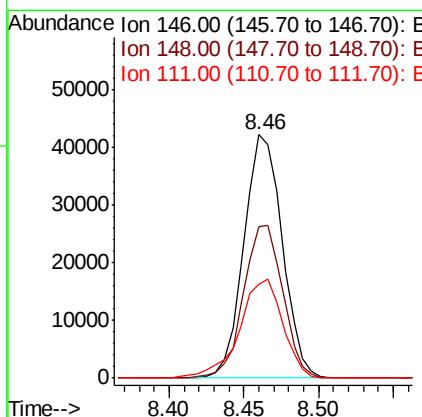
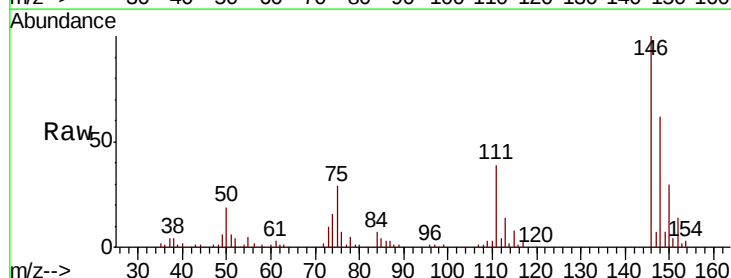
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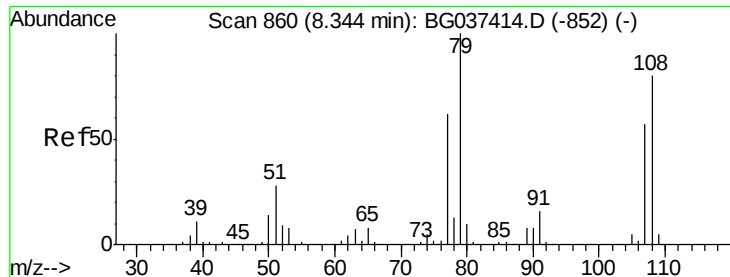
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#14
 1,2-Dichlorobenzene
 Concen: 18.935 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.4	75.6
111	38.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 19.520 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

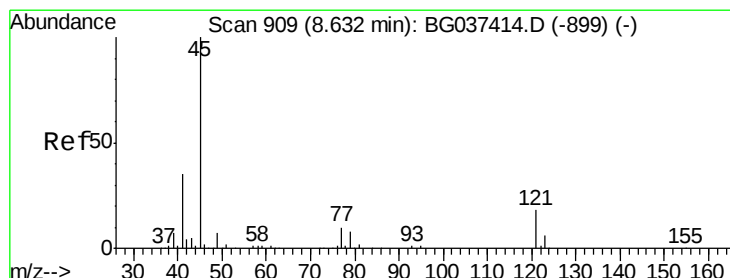
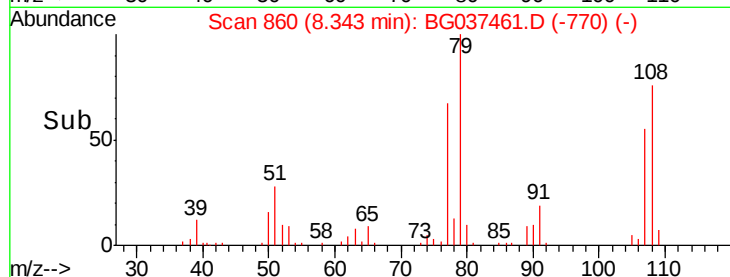
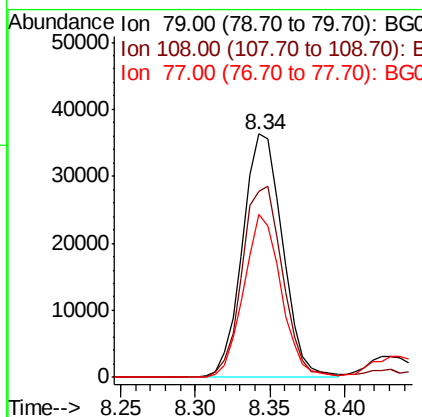
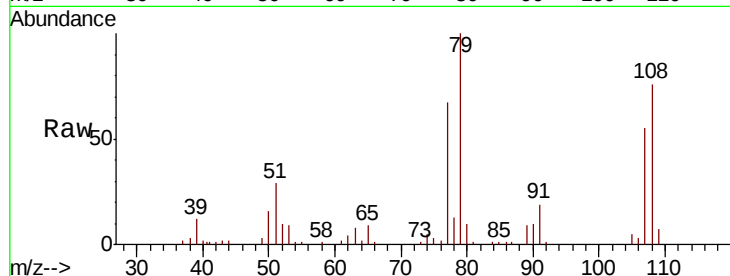
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	79	Resp:	67380
Ion	Ratio	Lower	Upper
79	100		
108	76.3	65.8	98.8
77	66.7	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.822 ng

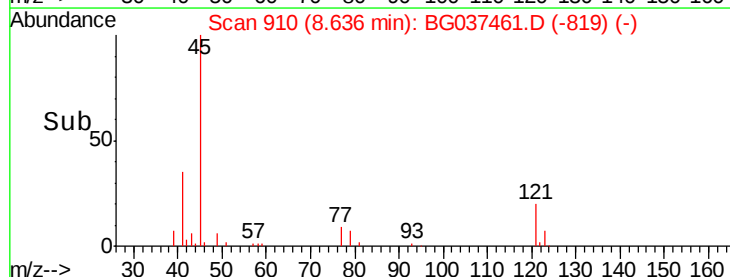
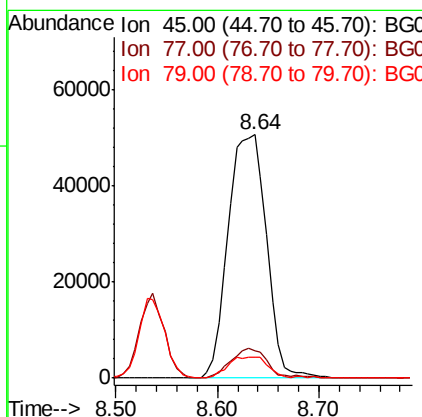
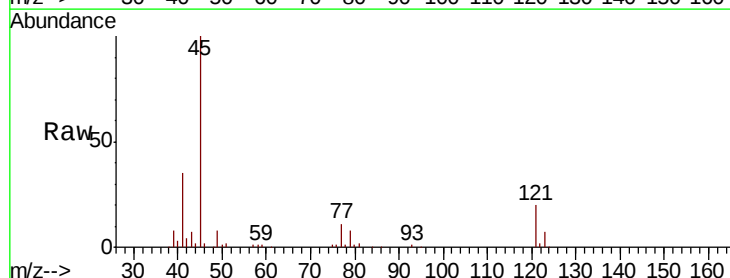
RT: 8.64 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	45	Resp:	132778
Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.0
79	8.4	0.0	29.0





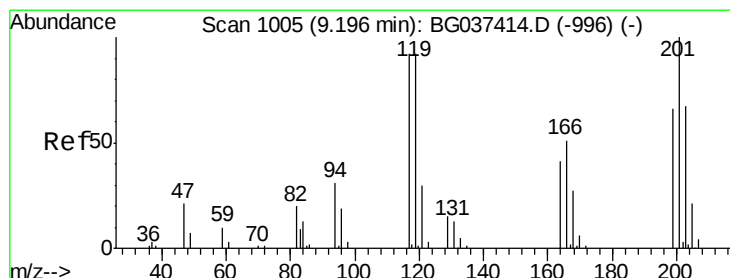
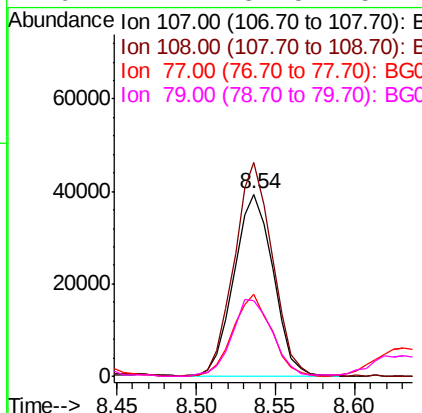
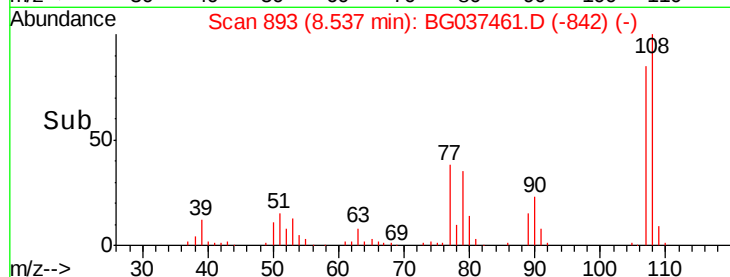
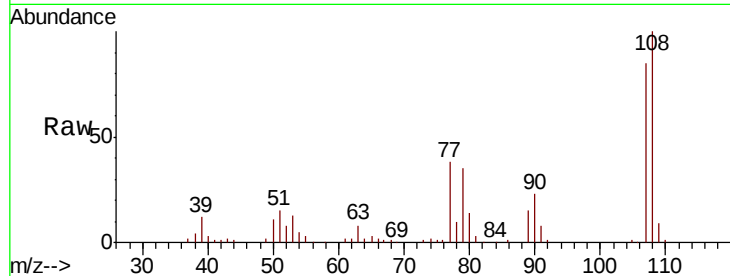
#17
2-Methylphenol
Concen: 20.755 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	67634		
108	117.2	87.9	131.9	
77	45.0	35.1	52.7	
79	41.4	34.5	51.7	

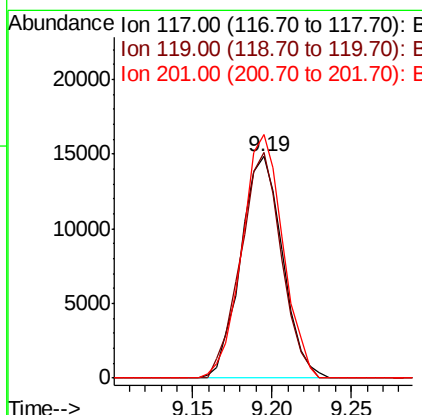
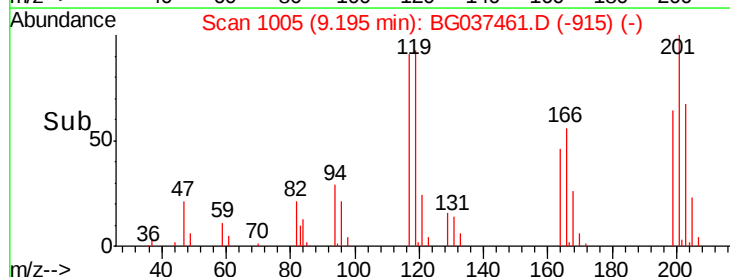
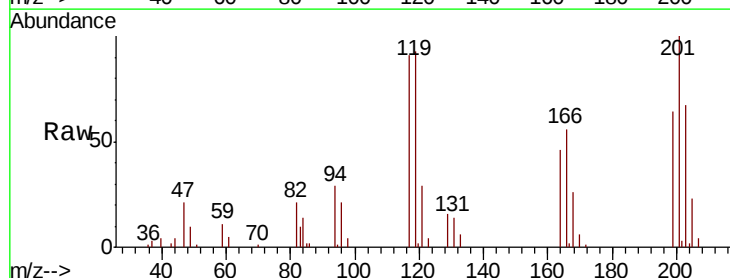
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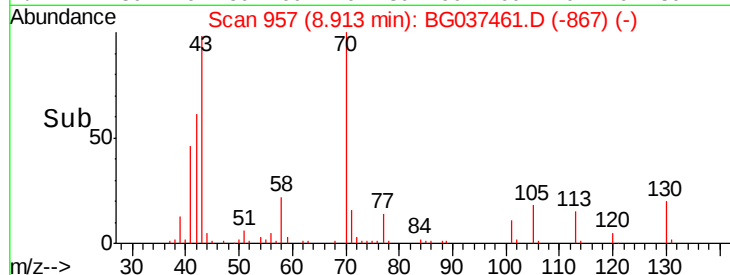
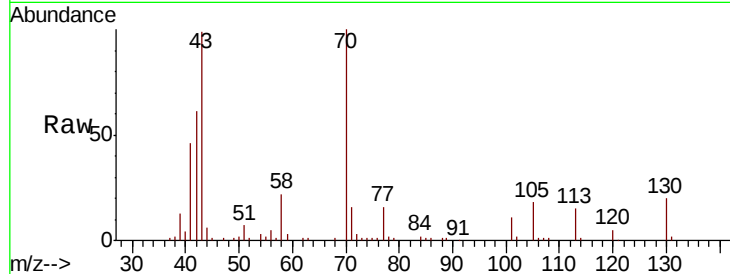
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#18
Hexachloroethane
Concen: 19.386 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27201		
119	101.8	74.6	111.8	
201	112.7	80.8	121.2	





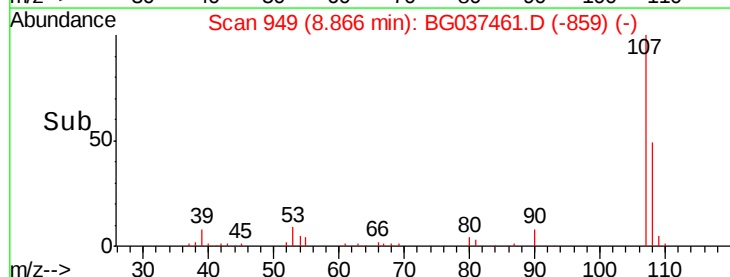
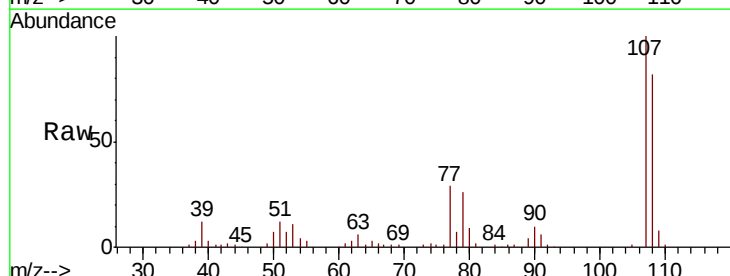
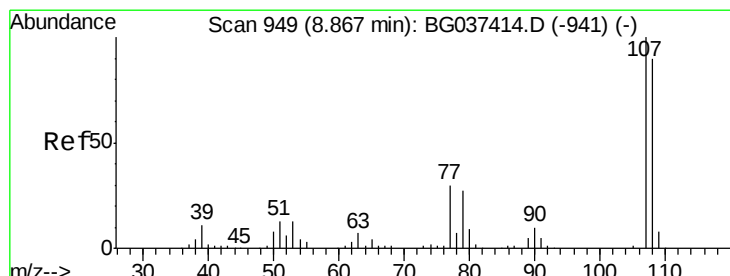
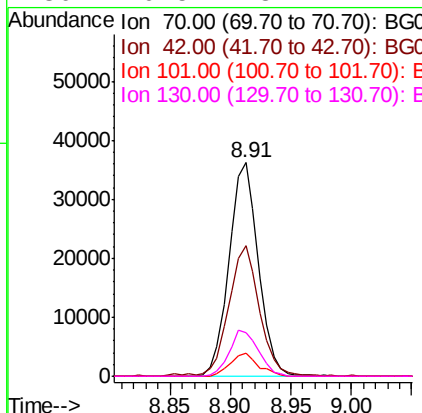
#19
n-Nitroso-di-n-propylamine
Concen: 18.981 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.4	53.9	80.9	
101	10.8	8.2	12.2	
130	20.5	18.2	27.4	

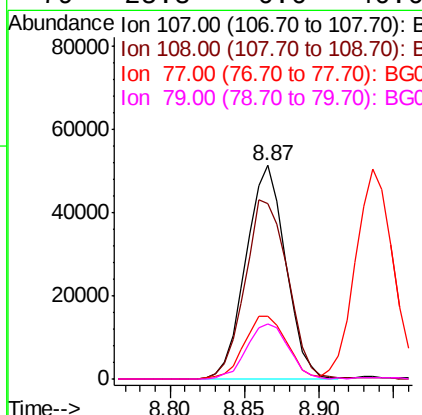
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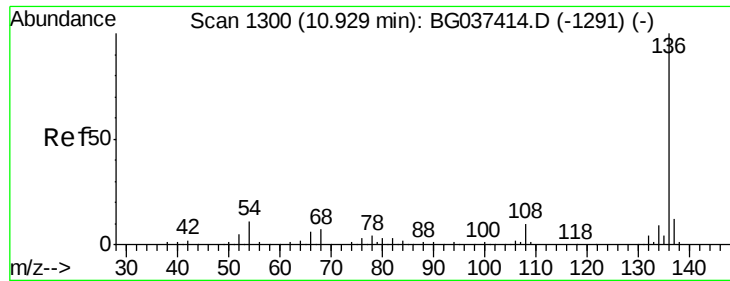
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#20
3+4-Methylphenols
Concen: 20.289 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.2	69.9	109.9	
77	29.3	11.2	51.2	
79	25.8	6.6	46.6	





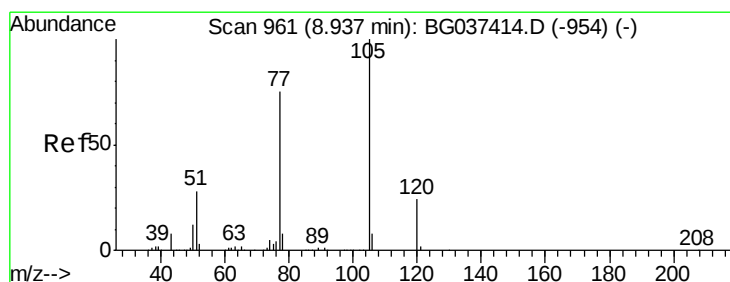
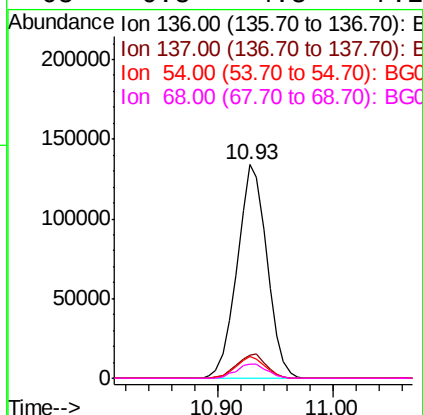
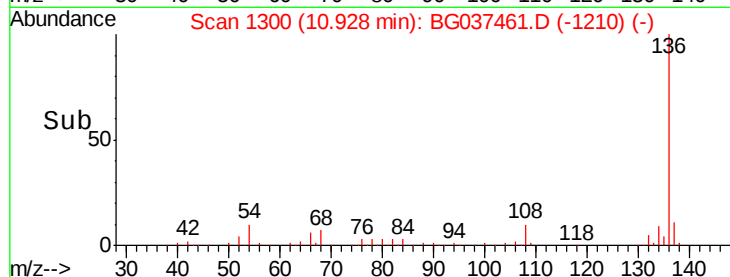
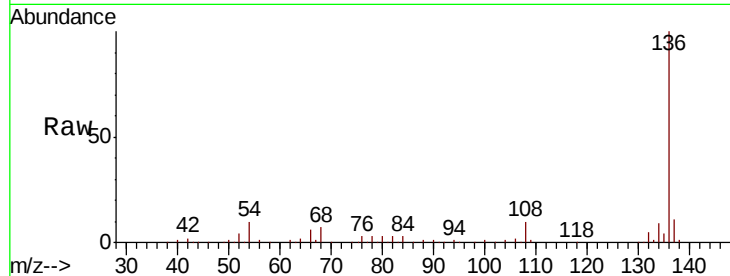
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	238479		
137	10.6		9.6	14.4
54	10.1		7.9	11.9
68	6.8		4.8	7.2

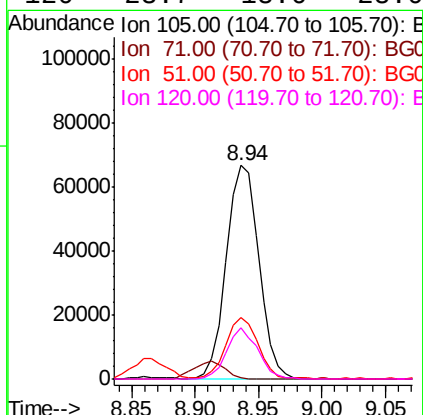
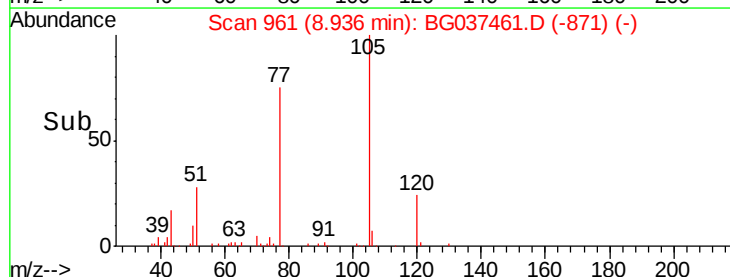
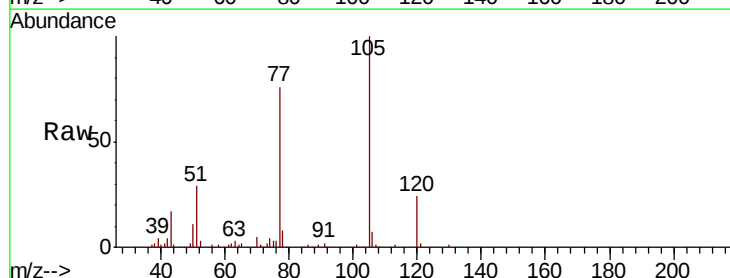
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#22
Acetophenone
Concen: 19.919 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119132		
71	0.7		1.2	1.8#
51	28.9		25.0	37.6
120	23.7		18.6	28.0





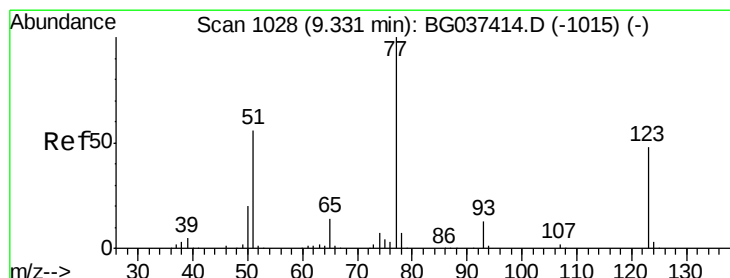
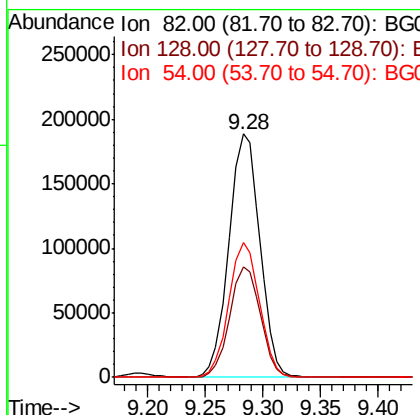
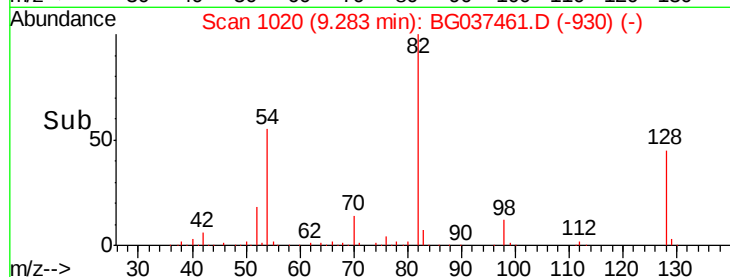
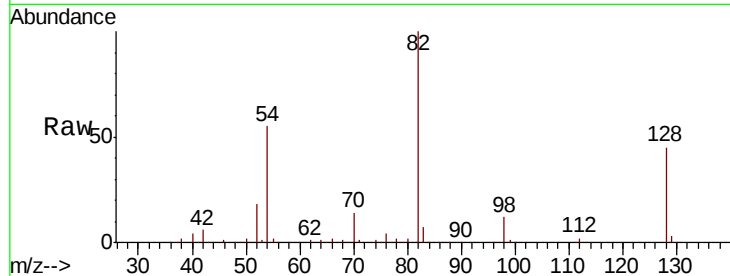
#23
Nitrobenzene-d5
Concen: 82.620 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	351723		
128	45.1	34.6	51.8	
54	55.3	45.3	67.9	

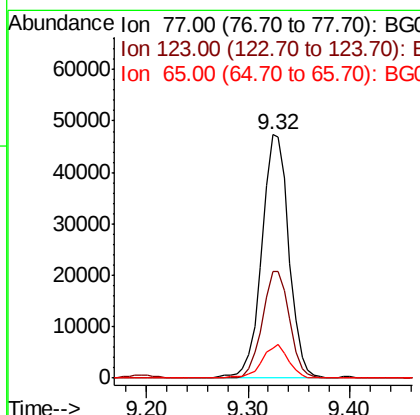
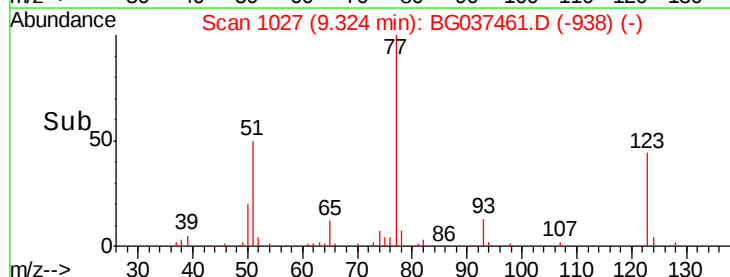
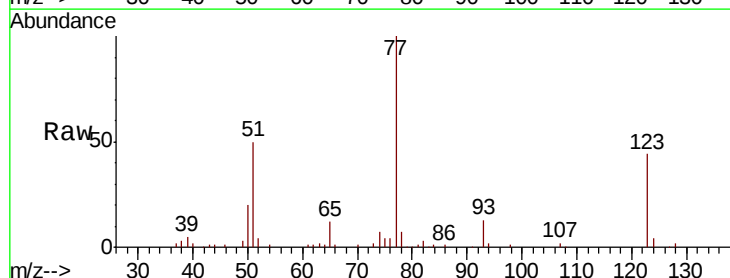
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#24
Nitrobenzene
Concen: 20.080 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	88802		
123	43.9	33.6	50.4	
65	12.2	11.3	16.9	





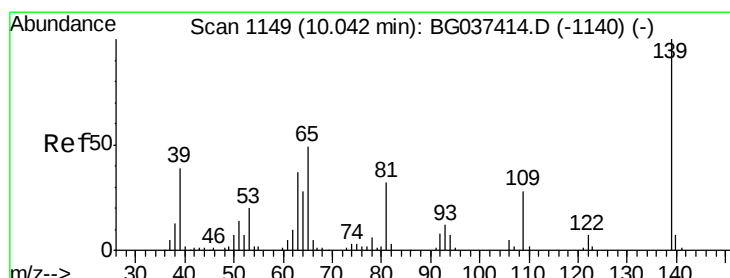
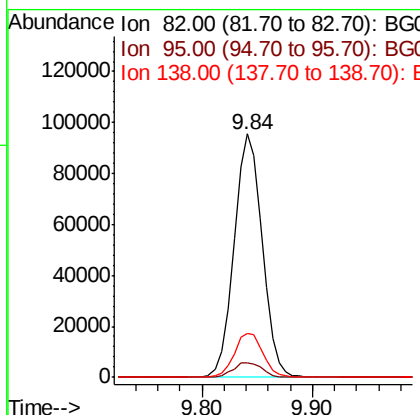
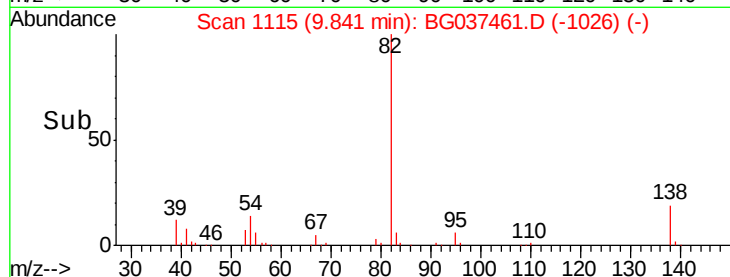
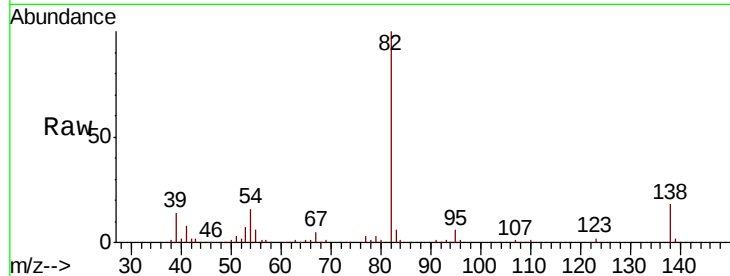
#25
Isophorone
Concen: 21.953 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	170759		
95	6.2	5.3	7.9	
138	18.0	13.3	19.9	

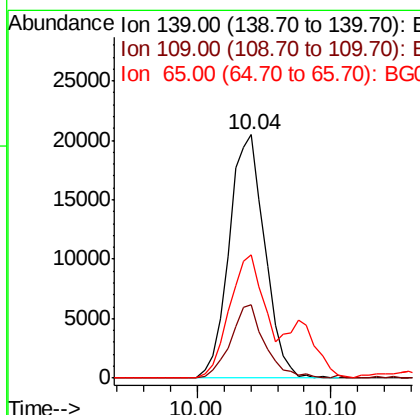
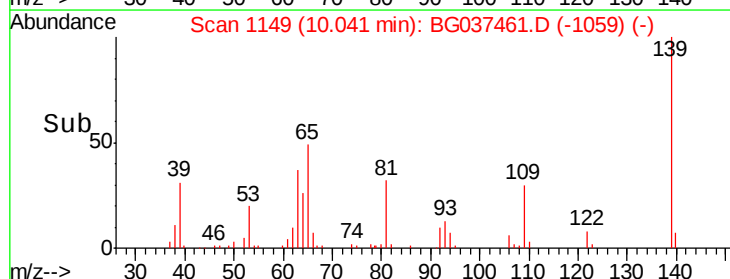
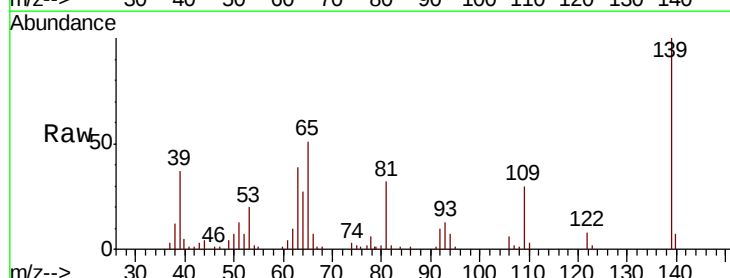
Manual Integrations
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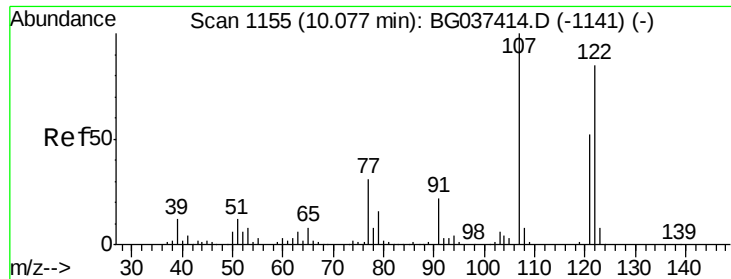
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#26
2-Nitrophenol
Concen: 19.024 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	37901		
109	30.2	23.3	34.9	
65	50.7	39.8	59.8	





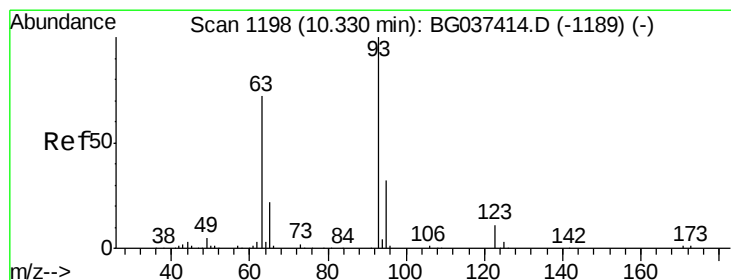
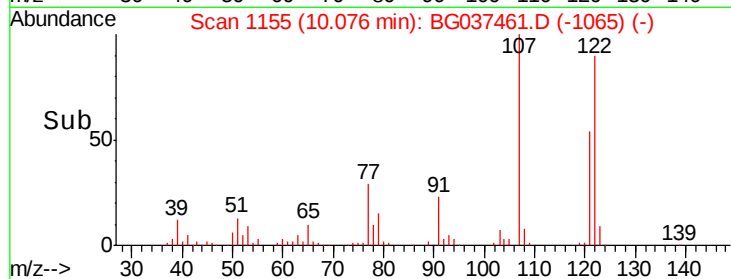
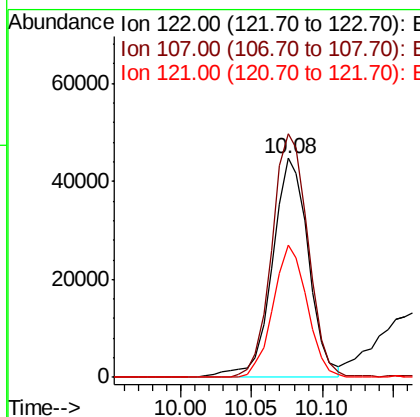
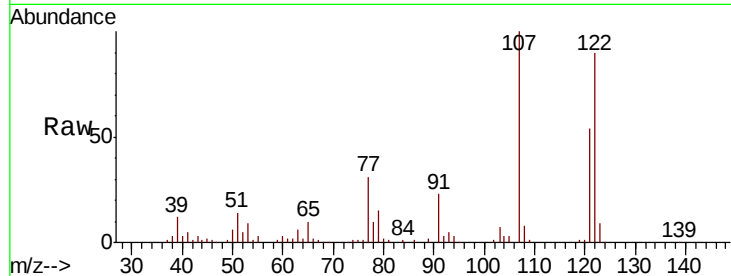
#27
 2,4-Dimethylphenol
 Concen: 22.606 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	80415		
107	111.1	94.2	141.2	
121	60.1	47.3	70.9	

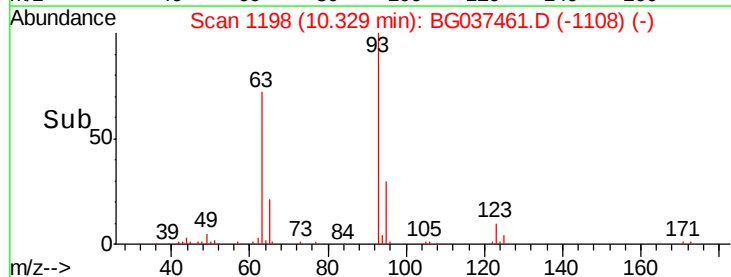
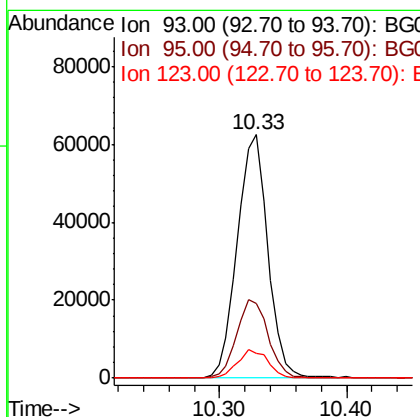
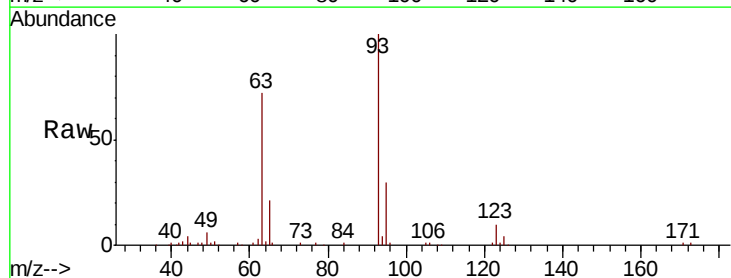
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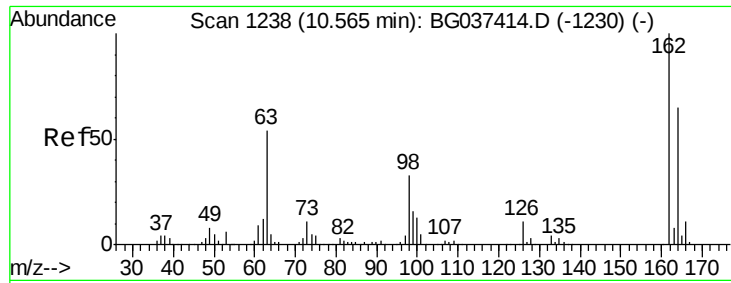
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 20.426 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	104096		
95	30.4	24.6	37.0	
123	10.2	9.1	13.7	





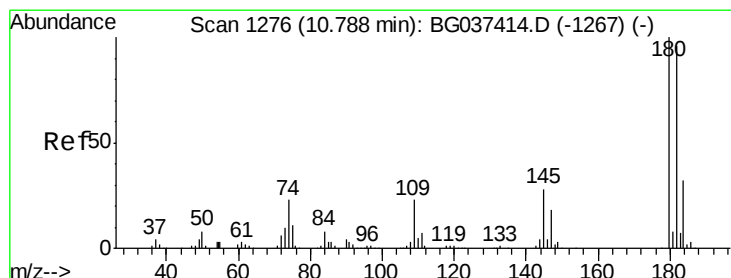
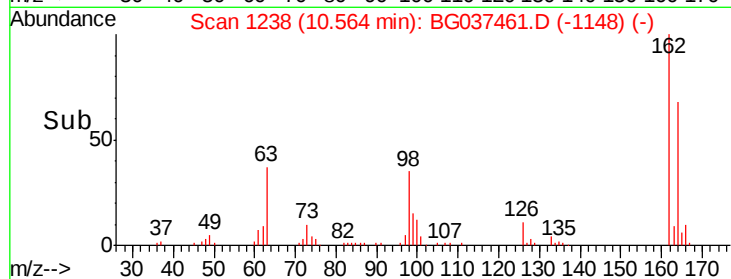
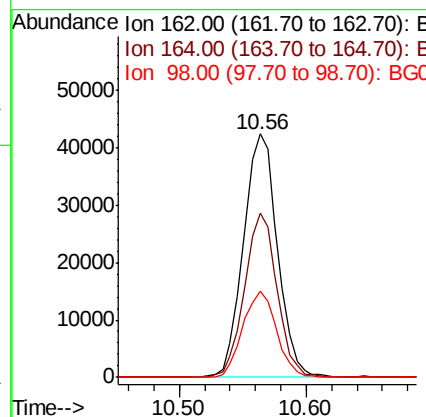
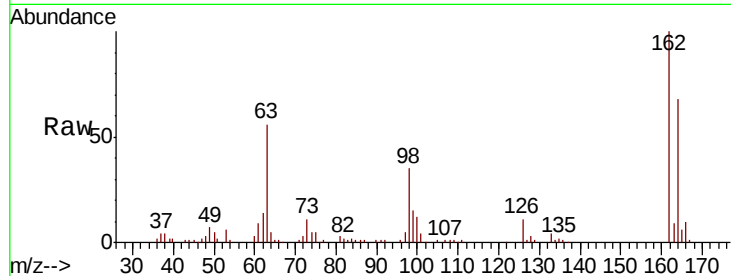
#29
 2,4-Dichlorophenol
 Concen: 19.932 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	78944		
164	67.6	43.2	83.2	
98	35.3	16.0	56.0	

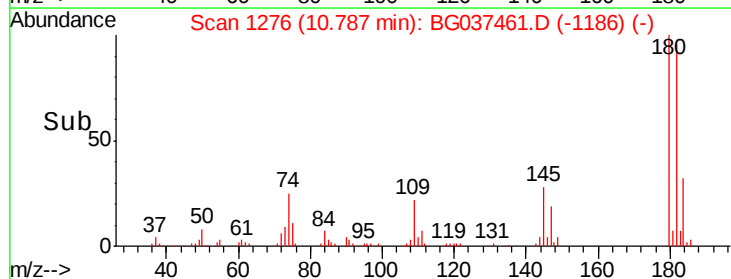
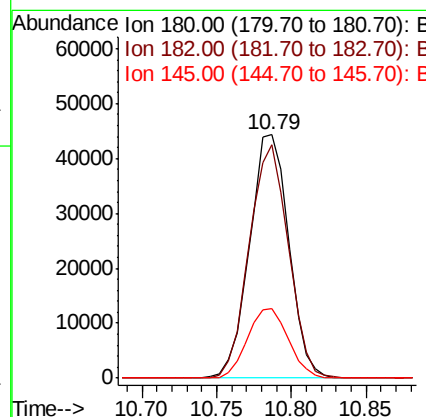
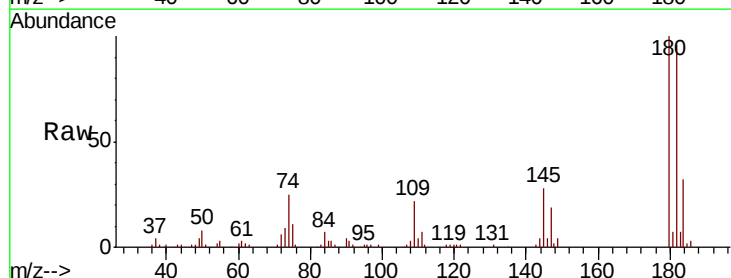
Manual Integrations
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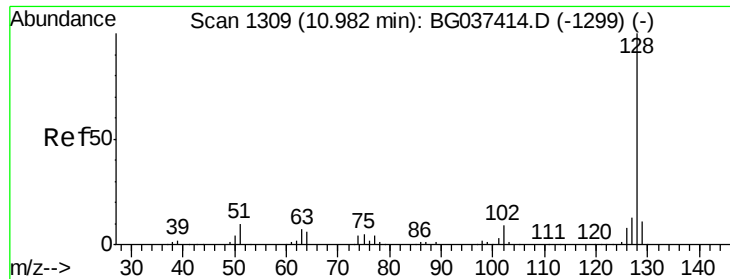
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 18.709 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80579		
182	95.9	77.7	116.5	
145	28.5	23.3	34.9	





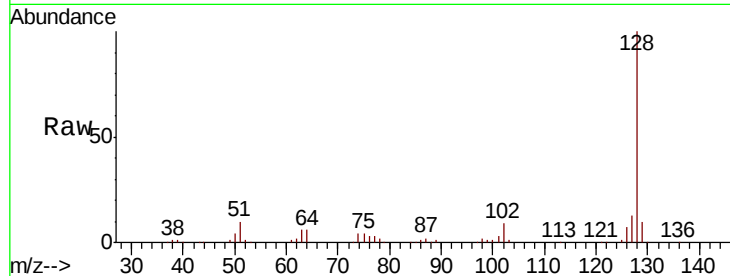
#31
Naphthalene
Concen: 21.373 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	250356		
129	10.4	9.0	13.6	
127	13.4	11.1	16.7	

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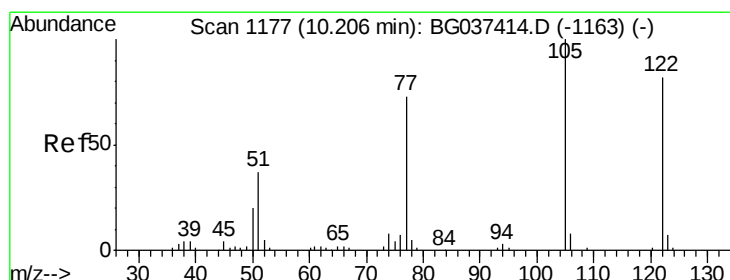
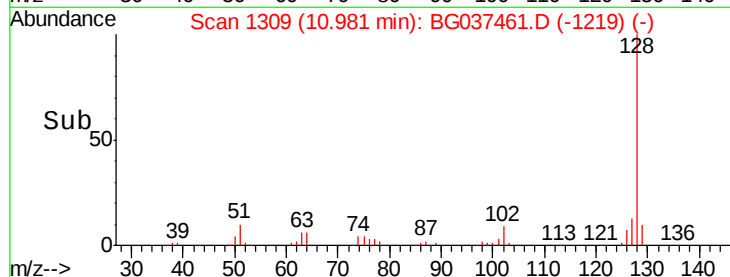
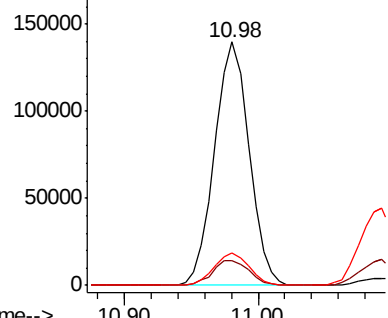


Abundance

Ion 128.00 (127.70 to 128.70): E

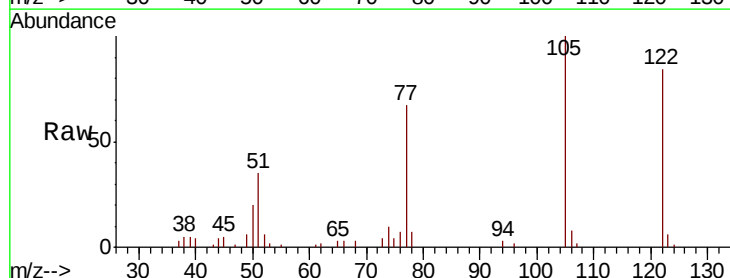
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.157 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	37330		
105	118.6	106.7	146.7	
77	80.0	72.2	112.2	

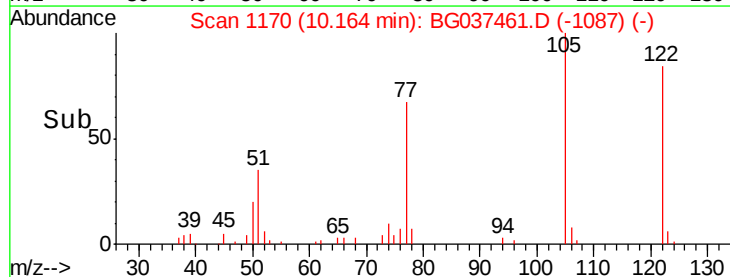
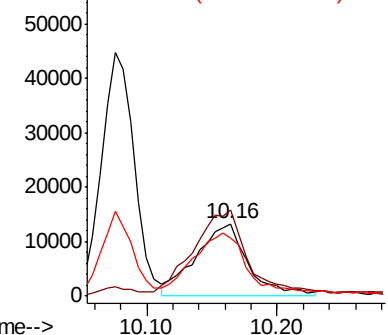


Abundance

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): BGO





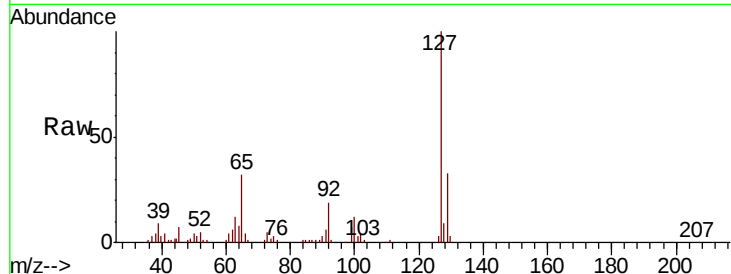
#33
4-Chloroaniline
Concen: 15.451 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

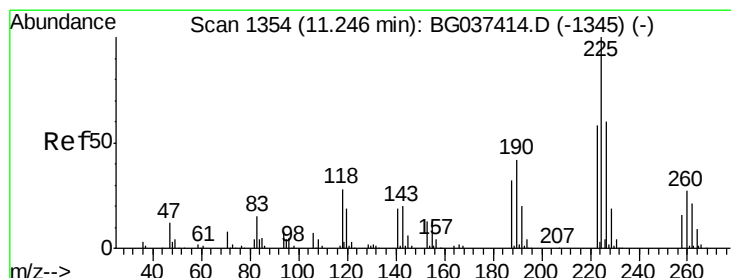
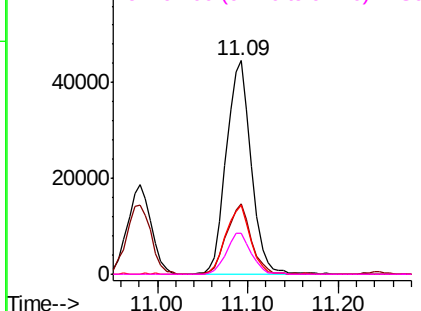
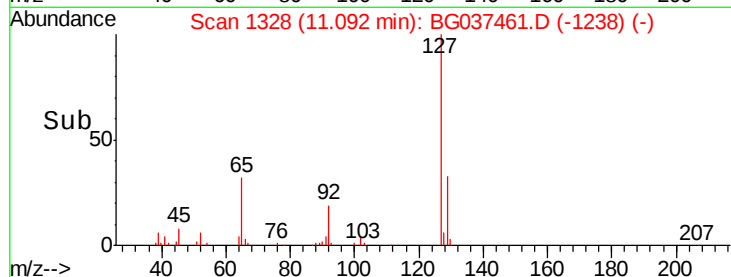
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	85040		
129	32.7	27.1	40.7	
65	32.2	26.6	39.8	
92	18.9	16.4	24.6	

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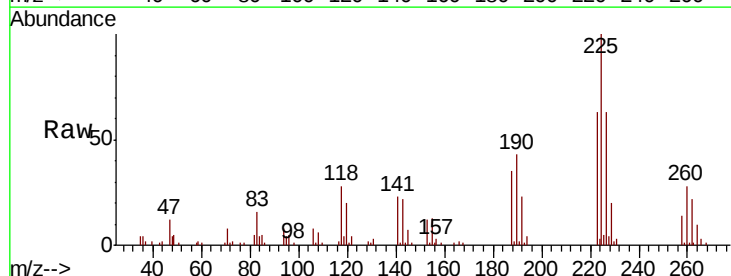


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

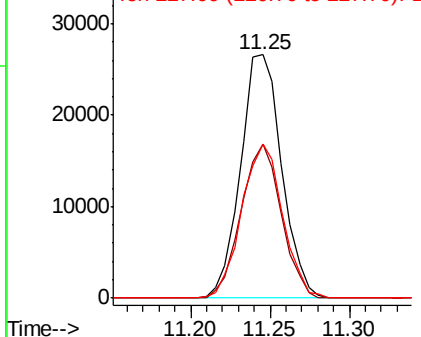
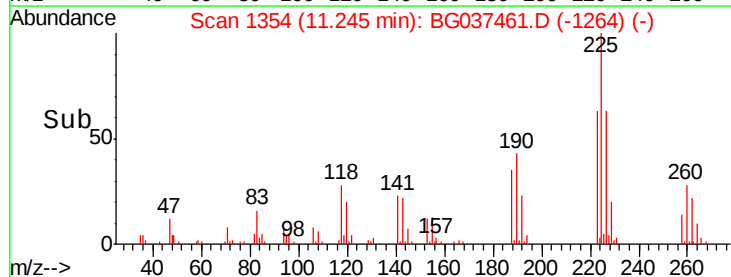


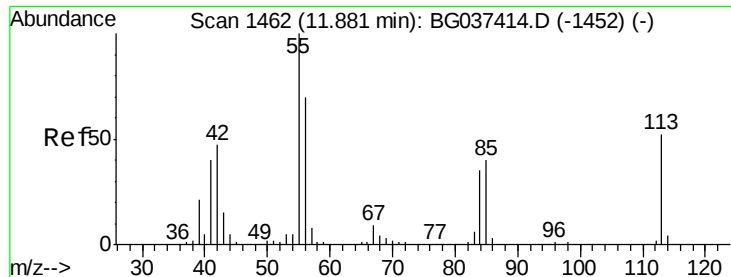
#34
Hexachlorobutadiene
Concen: 18.826 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48057		
223	60.7	48.2	72.4	
227	64.3	51.6	77.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.048 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:113 Resp: 28668

Ion Ratio Lower Upper

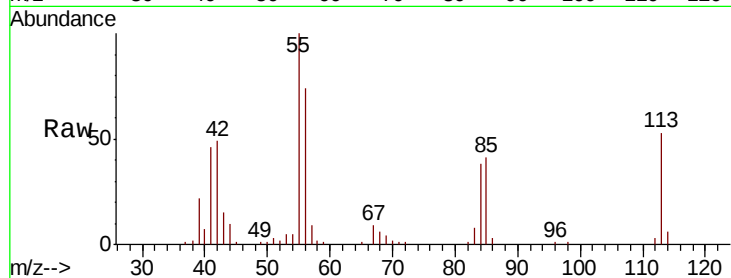
113 100

55 188.3 176.6 216.6

56 140.2 128.3 168.3

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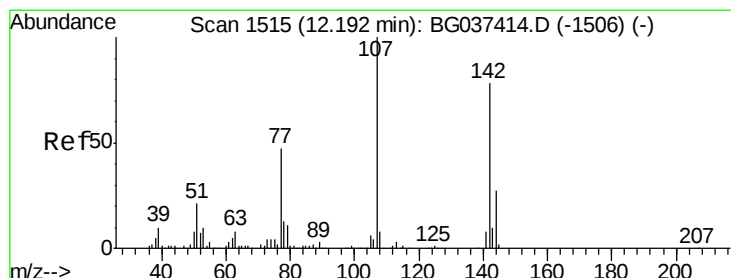
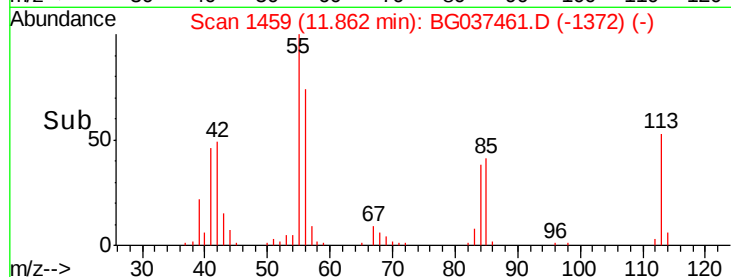
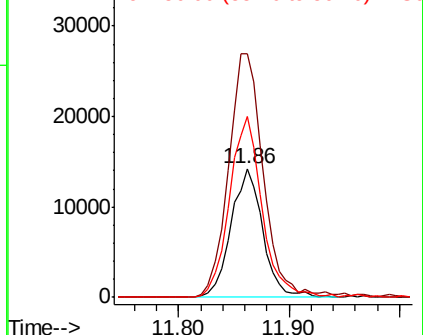
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 20.056 ng

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

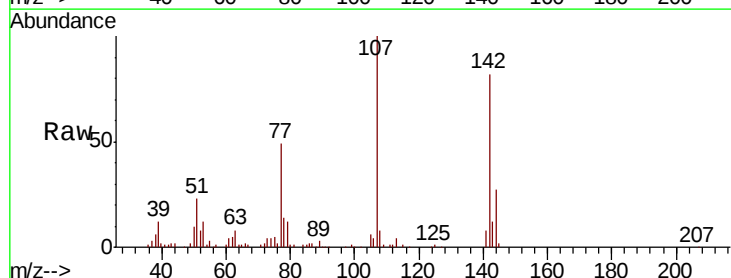
Tgt Ion:107 Resp: 89583

Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

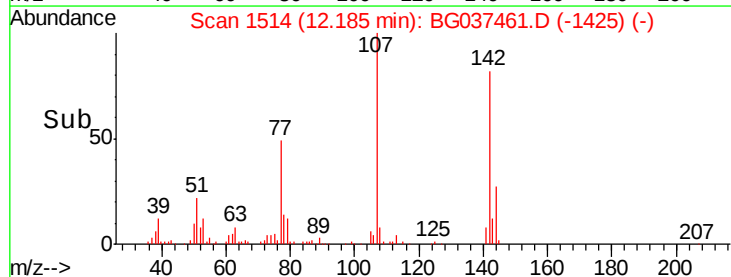
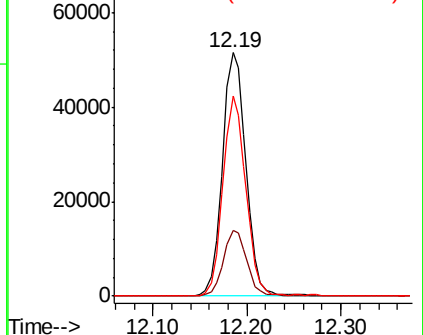
142 82.3 64.4 96.6



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





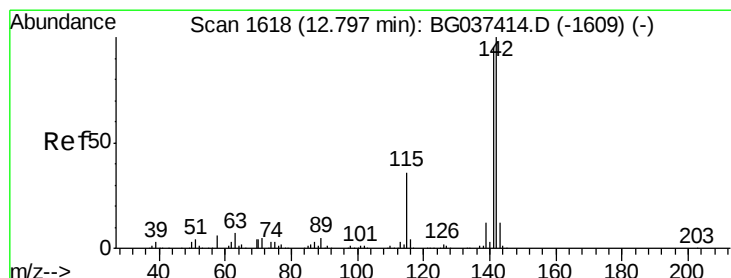
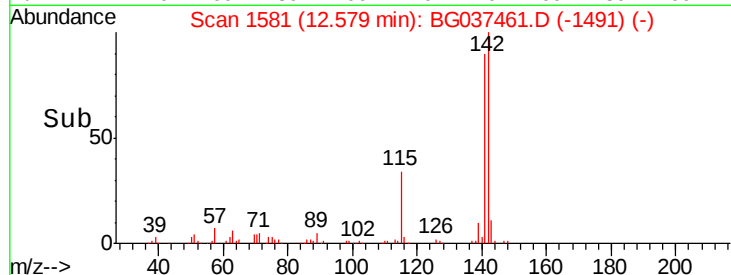
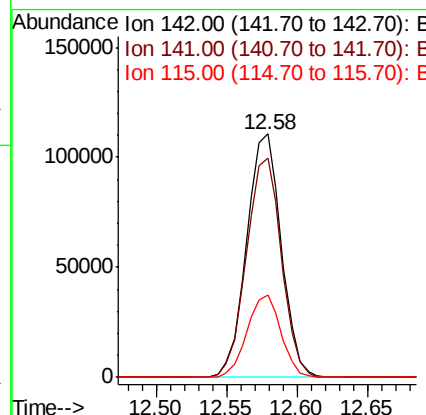
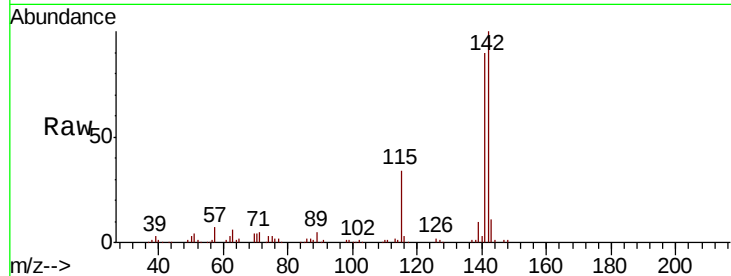
#37
 2-Methylnaphthalene
 Concen: 22.251 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	189996		
141	90.1	71.9	107.9	
115	34.0	27.8	41.8	

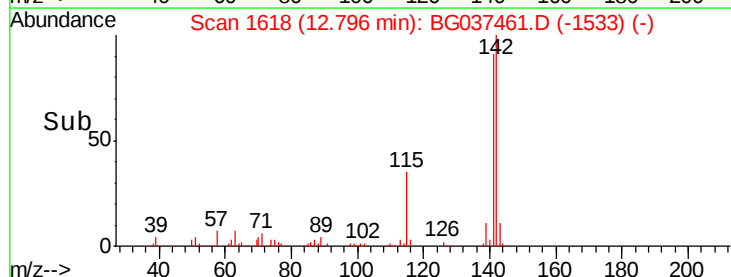
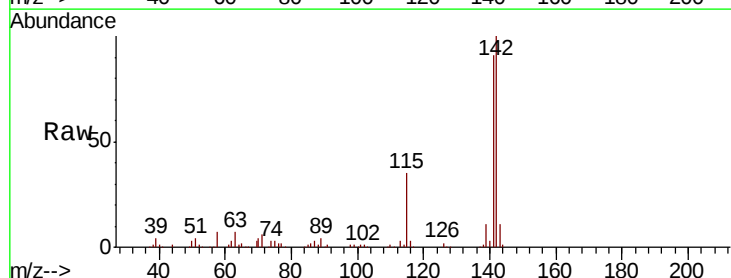
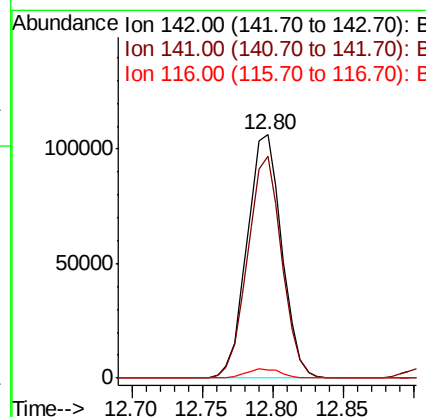
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#38
 1-Methylnaphthalene
 Concen: 22.112 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	183355		
141	91.0	75.2	112.8	
116	3.4	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

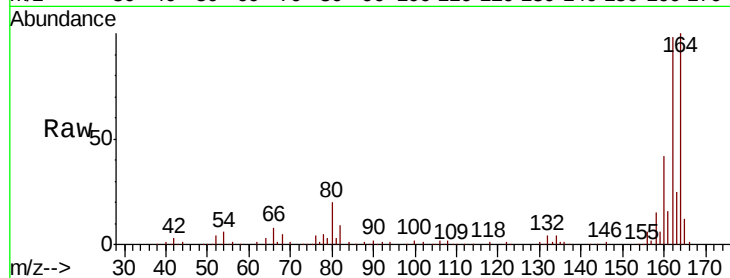
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	164	Resp:	157047
Ion Ratio	Lower	Upper	
164	100		
162	98.2	81.3	121.9
160	41.9	36.3	54.5

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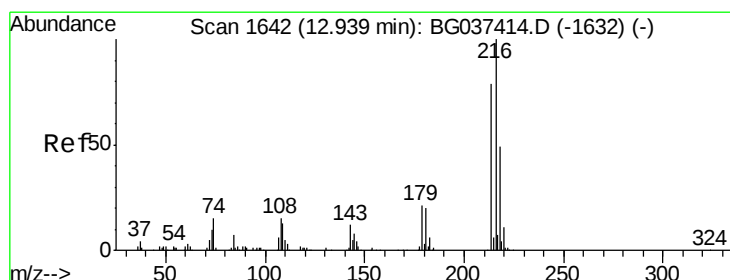
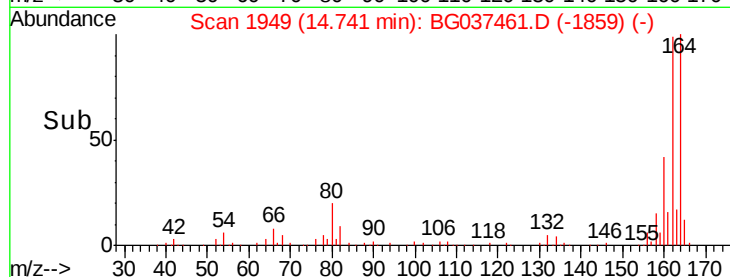
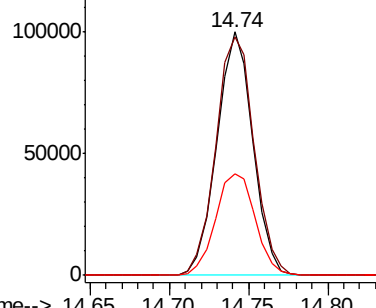


Abundance

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: 18.432 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	216	Resp:	93367
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.8	95.6
179	21.6	17.4	26.0
108	17.3	13.9	20.9

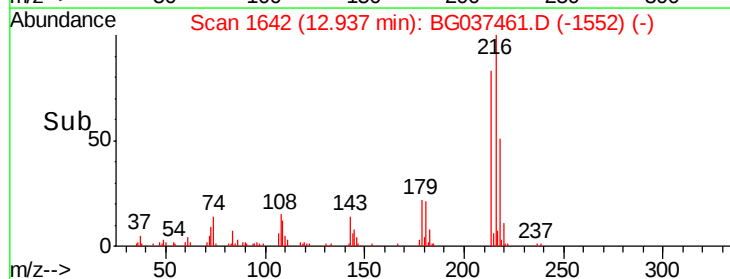
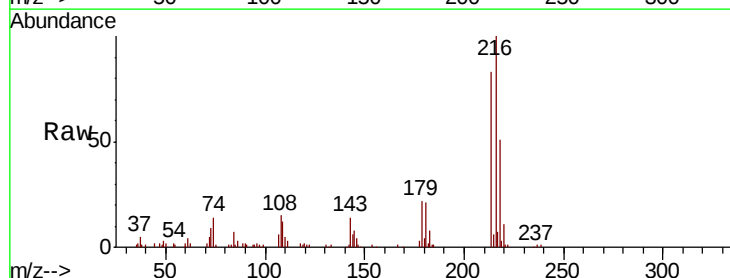
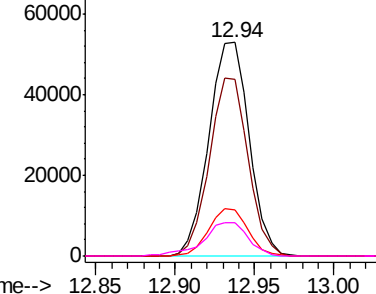
Abundance

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: 22.119 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

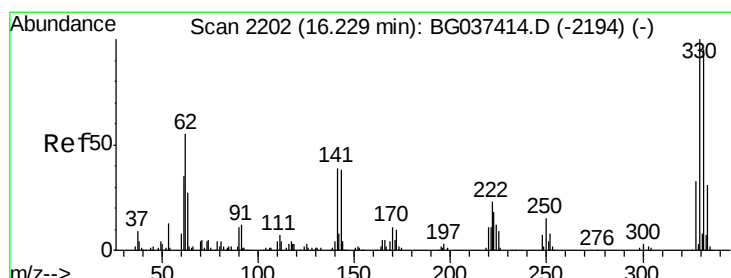
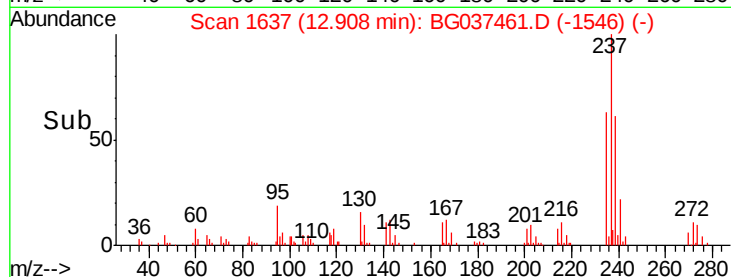
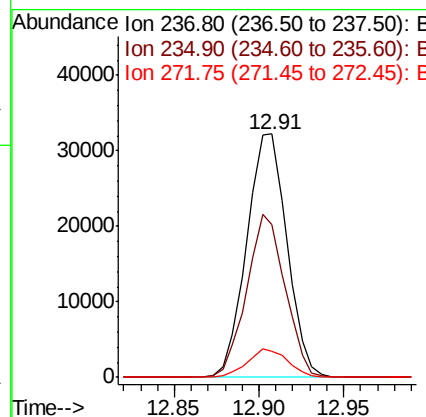
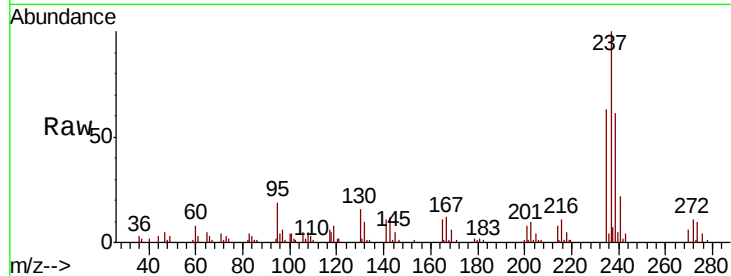
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	237	Resp:	53521
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.5	82.5
272	10.8	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 142.863 ng

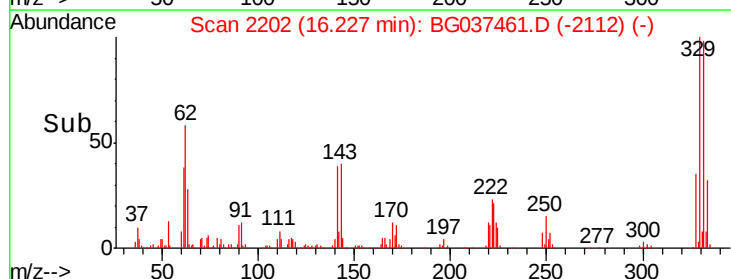
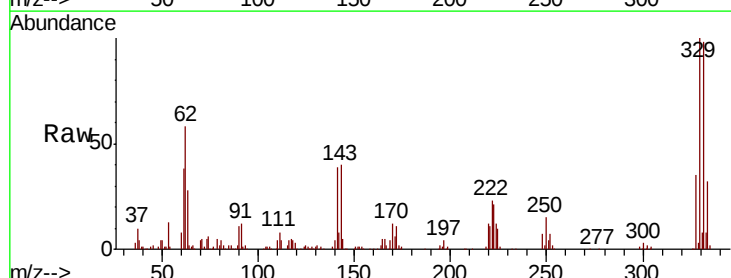
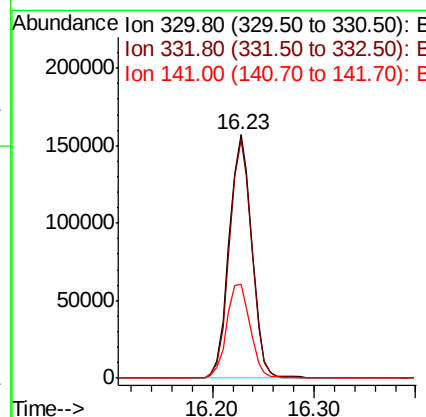
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	330	Resp:	244710
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.4	117.6
141	39.9	32.2	48.2





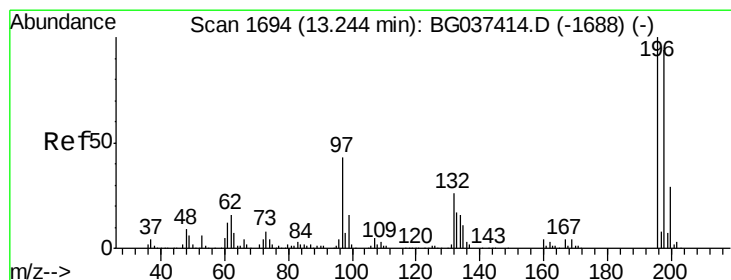
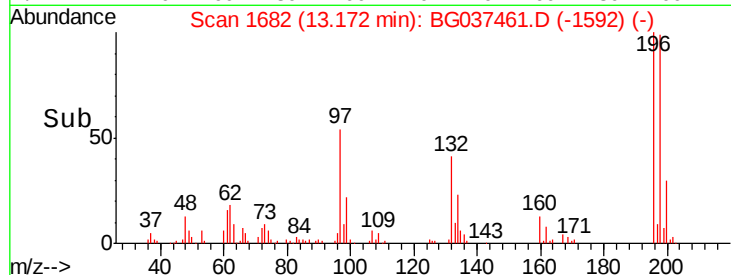
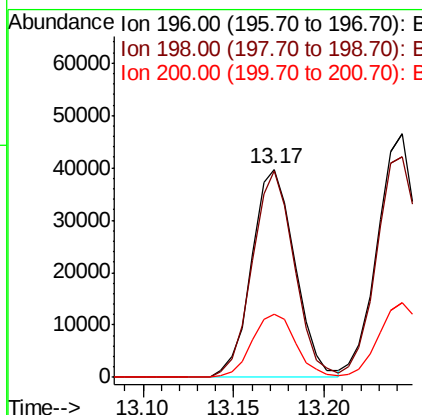
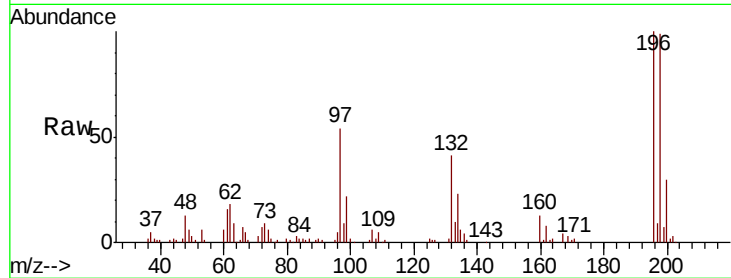
#43
 2,4,6-Trichlorophenol
 Concen: 19.452 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65829		
198	99.3	76.4	114.6	
200	30.4	24.9	37.3	

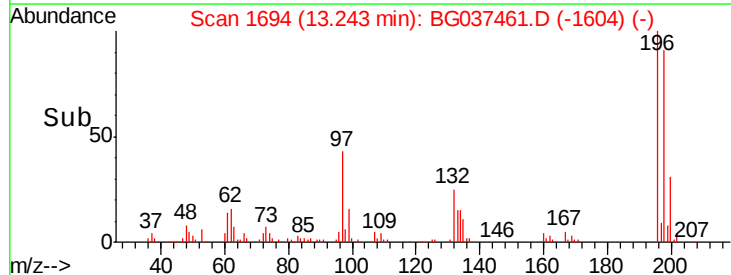
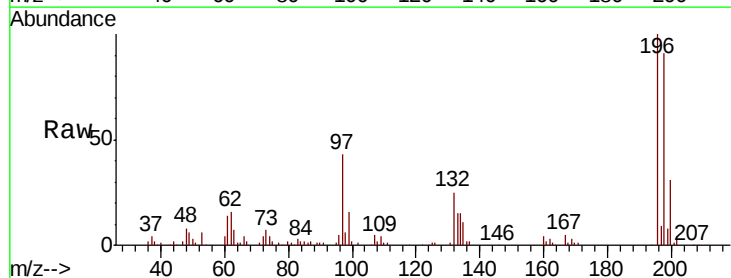
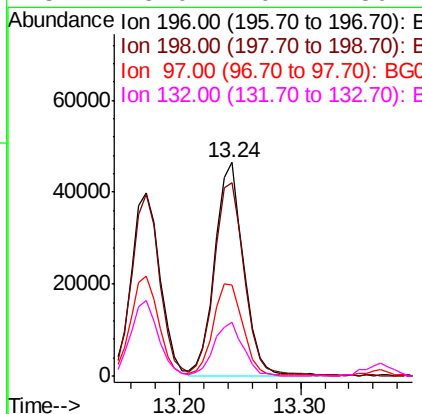
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#44
 2,4,5-Trichlorophenol
 Concen: 20.864 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76877		
198	90.8	74.2	111.2	
97	42.7	34.1	51.1	
132	25.0	20.2	30.4	





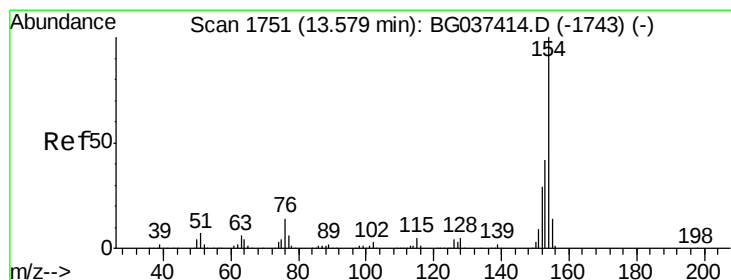
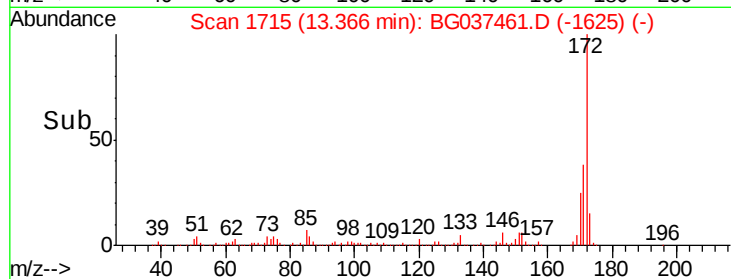
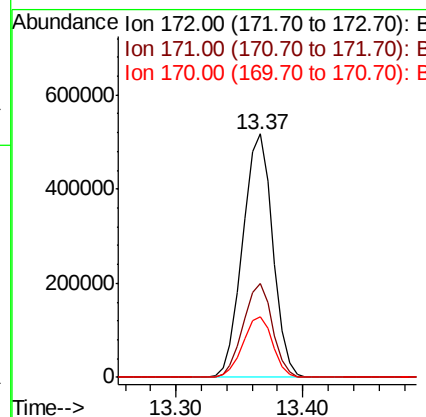
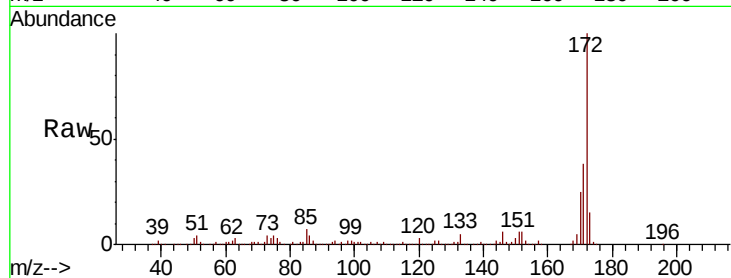
#45
 2-Fluorobiphenyl
 Concen: 81.399 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.1	20.2	30.2

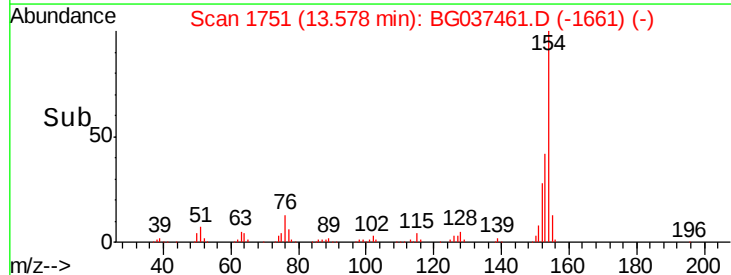
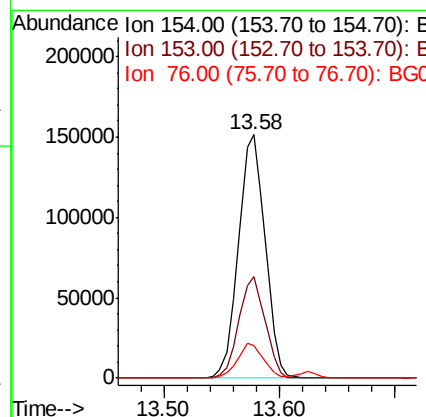
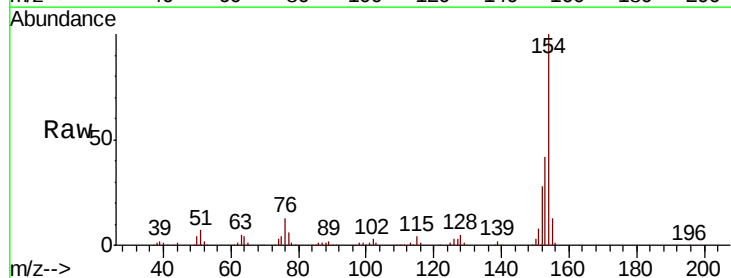
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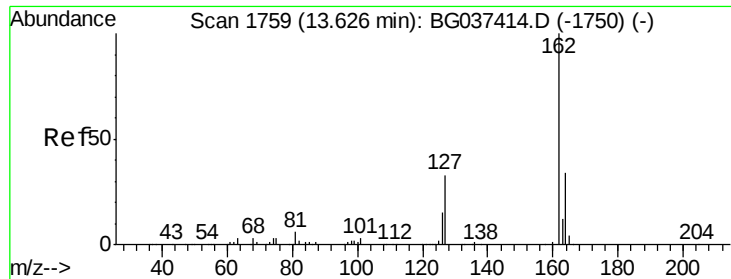
Sohil
 10/22/2018 3:39:25 PM



#46
 1,1'-Biphenyl
 Concen: 18.571 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	13.1	0.0	33.2





#47

2-Chloronaphthalene

Concen: 19.538 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

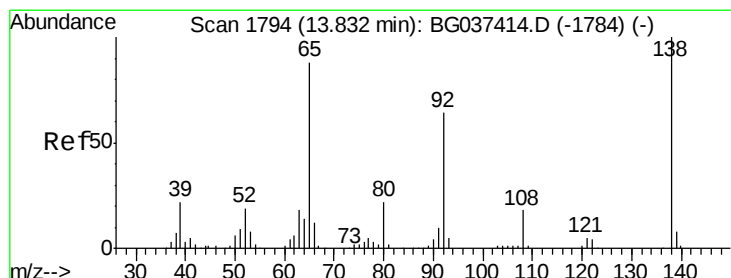
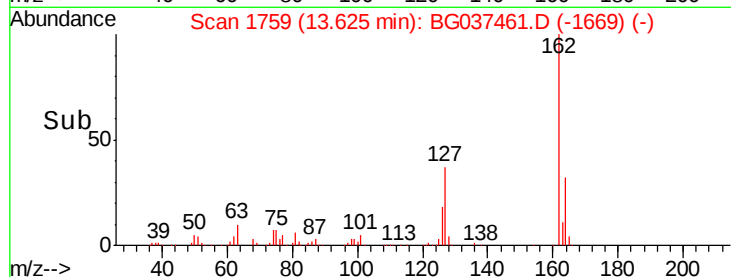
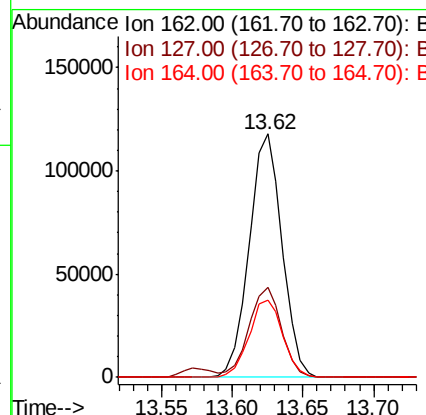
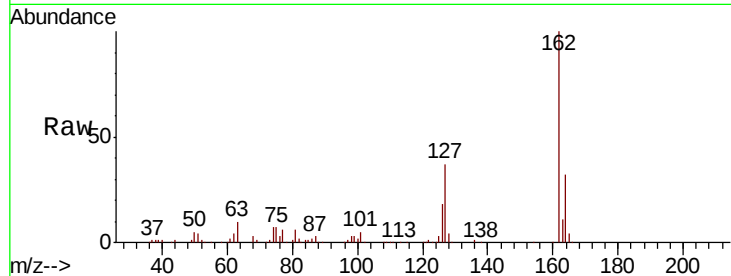
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	162	Resp:	192245
Ion Ratio		Lower	Upper
162	100		
127	37.2	30.5	45.7
164	32.0	26.4	39.6

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#48

2-Nitroaniline

Concen: 19.599 ng

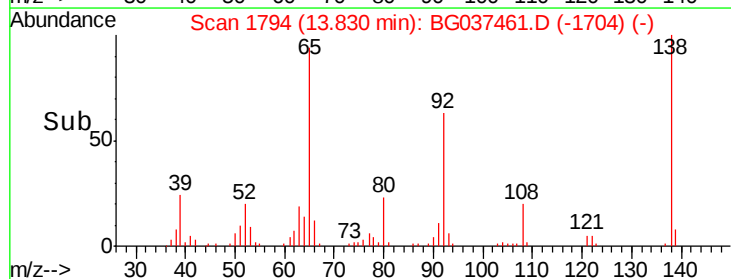
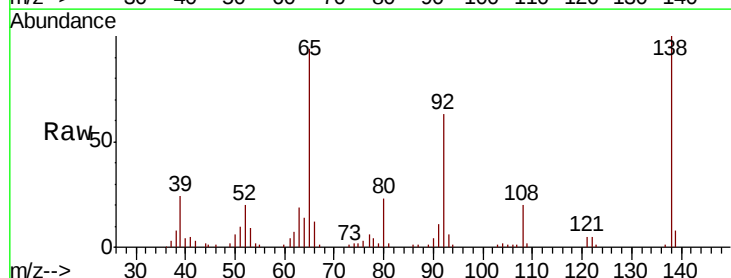
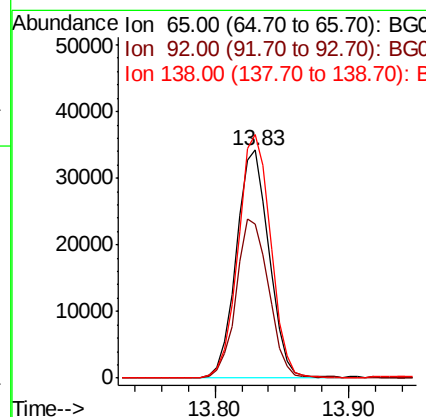
RT: 13.83 min Scan# 1794

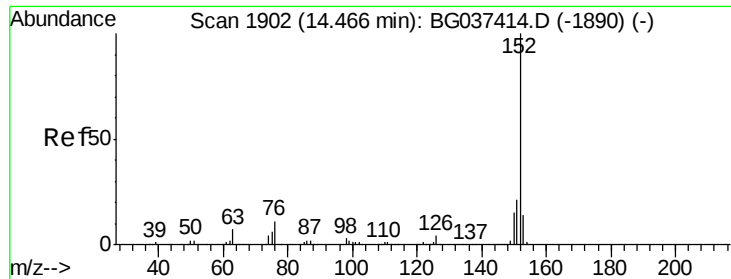
Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	65	Resp:	58481
Ion Ratio		Lower	Upper
65	100		
92	67.7	53.2	79.8
138	106.7	79.3	118.9





#49

Acenaphthylene

Concen: 21.674 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

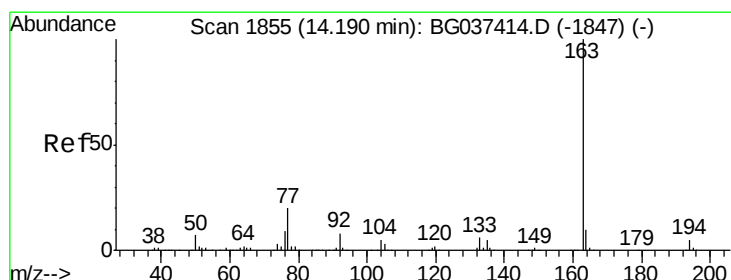
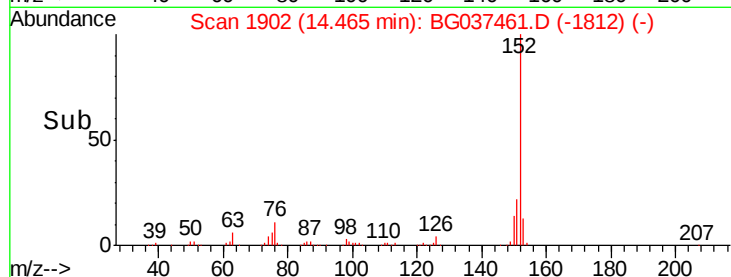
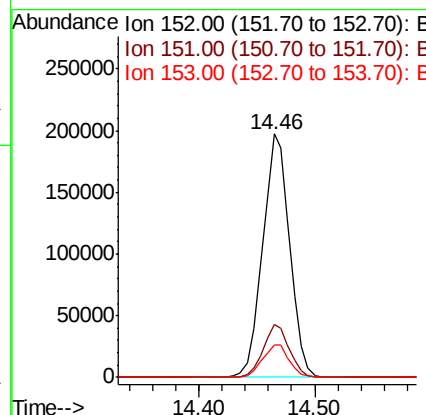
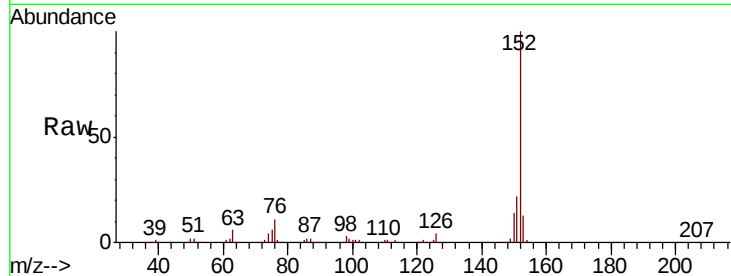
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	152	Resp:	320812
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.1	25.7
153	13.4	11.1	16.7

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#50

Dimethylphthalate

Concen: 20.997 ng

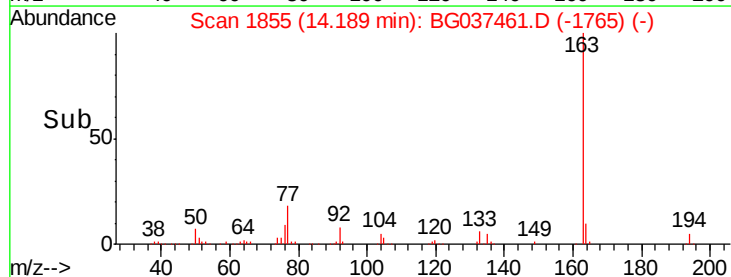
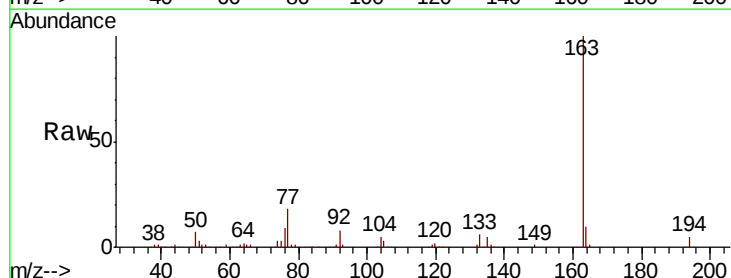
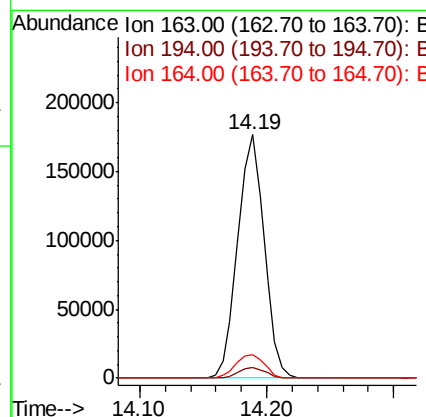
RT: 14.19 min Scan# 1855

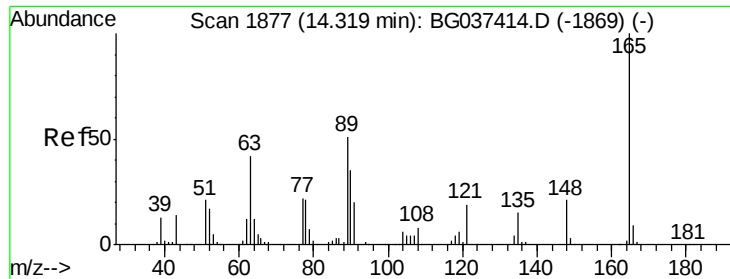
Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	163	Resp:	255097
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	9.7	8.5	12.7





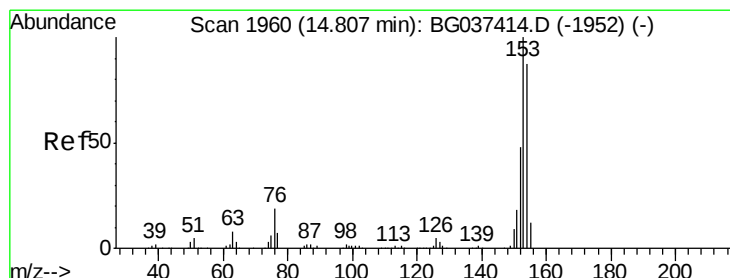
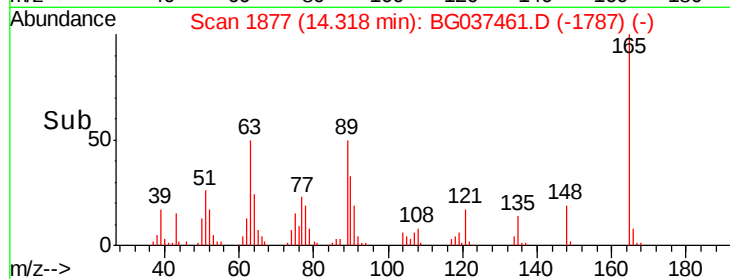
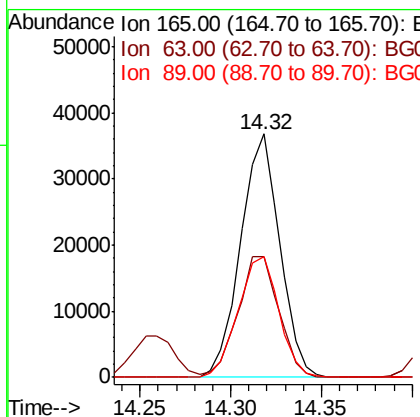
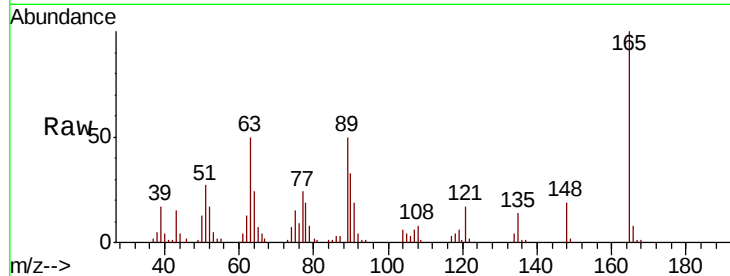
#51
2,6-Dinitrotoluene
Concen: 20.539 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	55203		
63	49.6	43.4	65.2	
89	49.6	45.8	68.6	

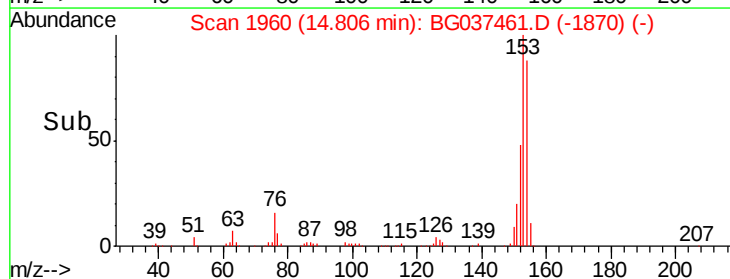
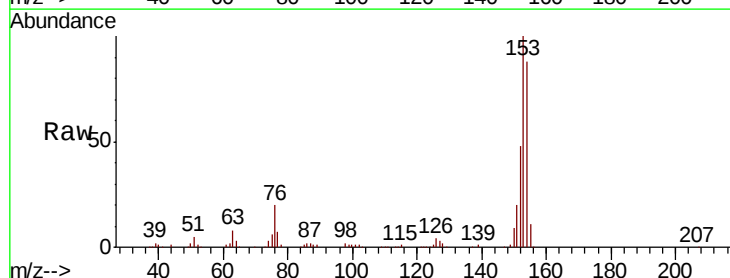
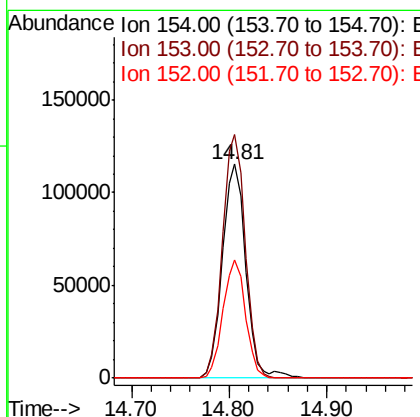
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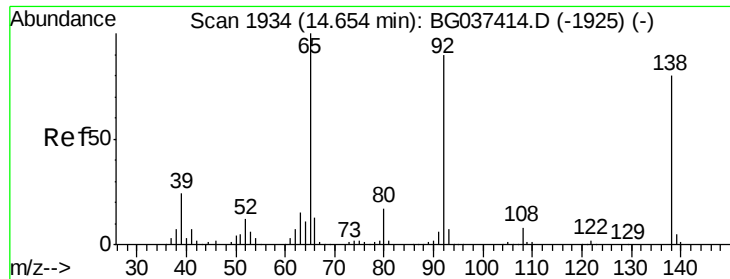
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#52
Acenaphthene
Concen: 20.908 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	190595		
153	113.9	93.4	140.0	
152	55.2	44.7	67.1	





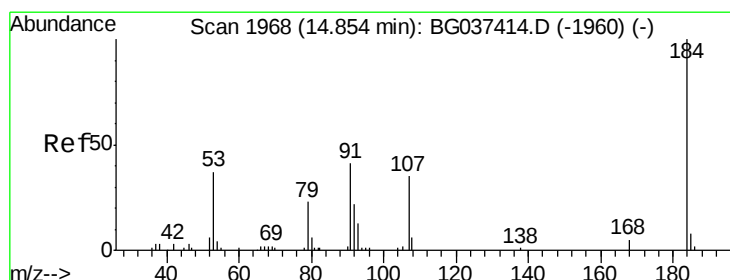
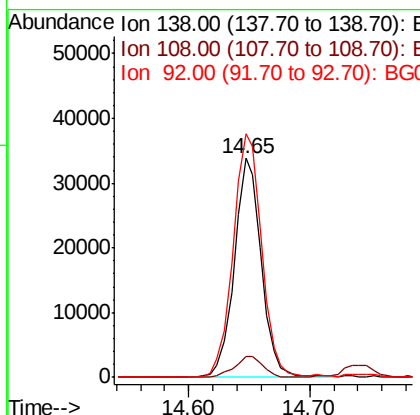
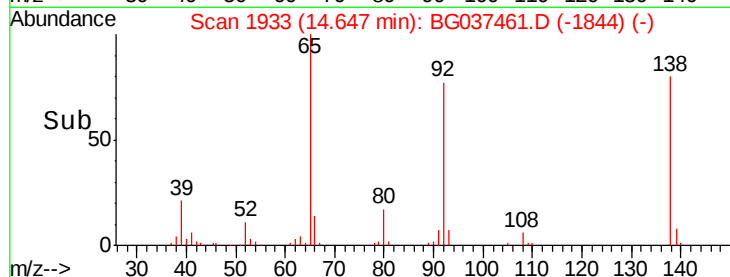
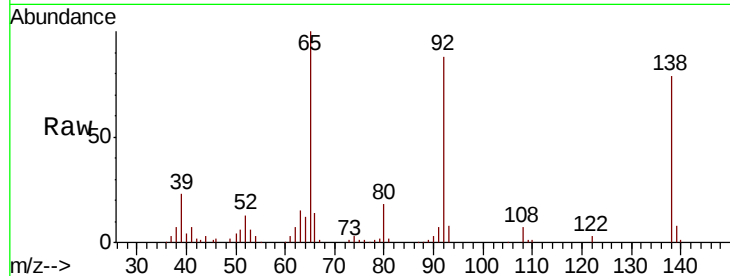
#53
 3-Nitroaniline
 Concen: 17.613 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	11.0	16.6#
92	111.1	95.2	142.8

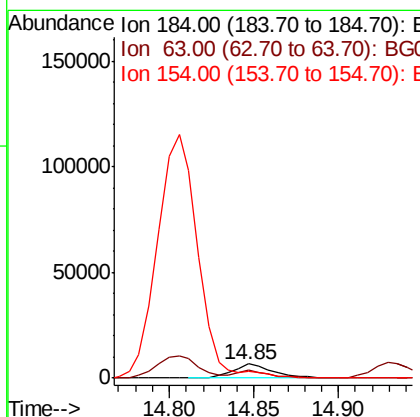
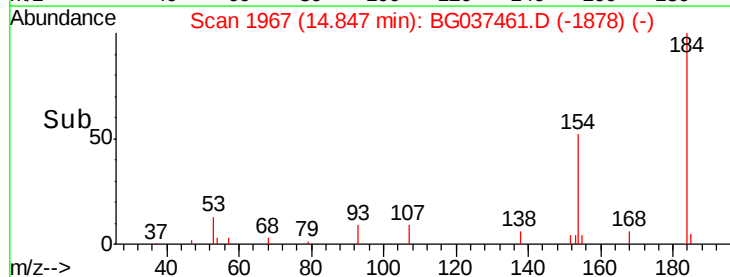
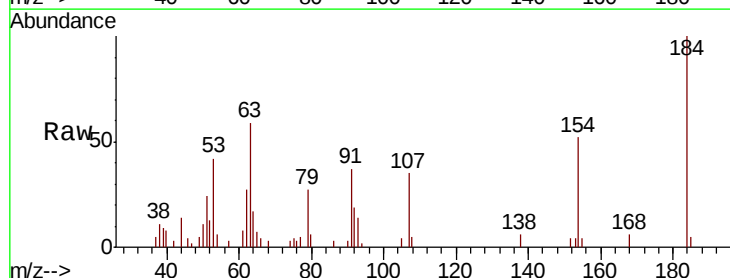
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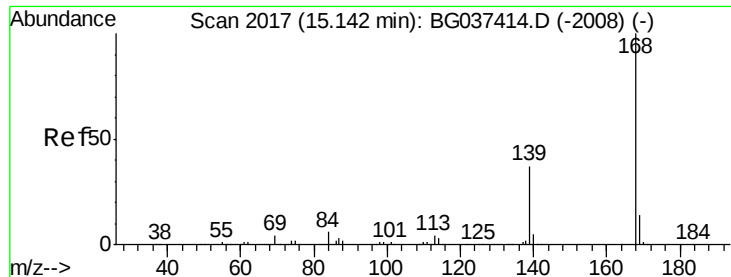
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 20.705 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	42.6	63.8
154	52.3	41.8	62.6





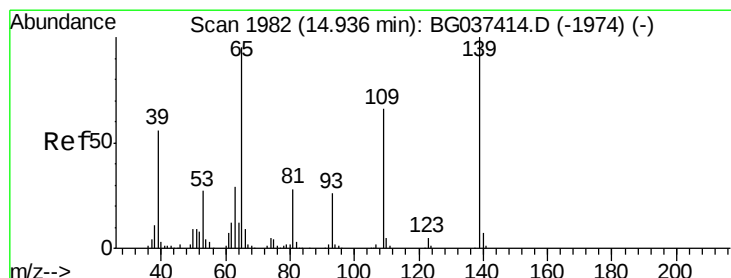
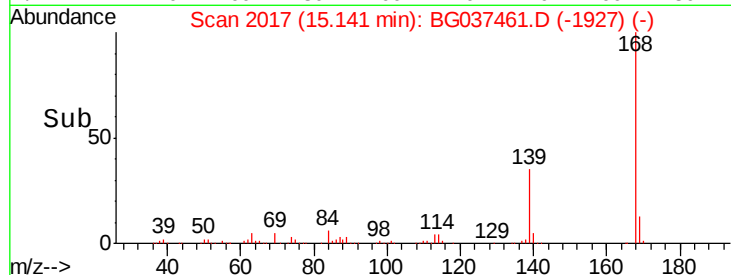
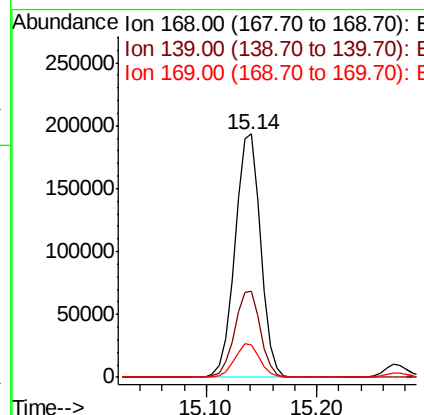
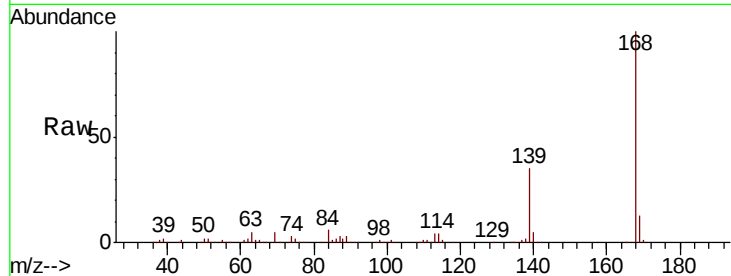
#55
Dibenzenofuran
Concen: 20.810 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	314298		
139	35.3	29.4	44.0	
169	13.4	11.0	16.6	

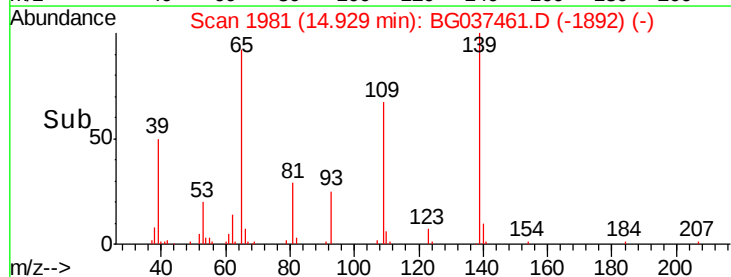
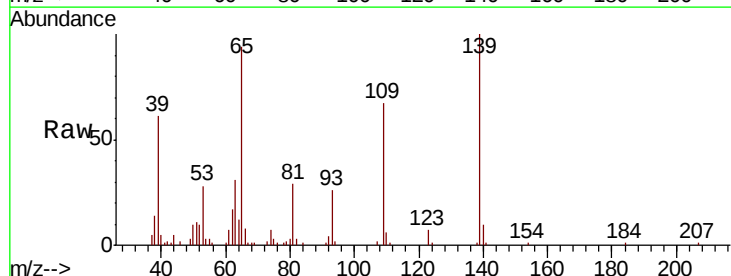
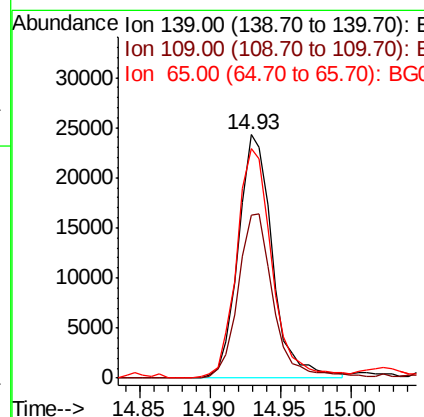
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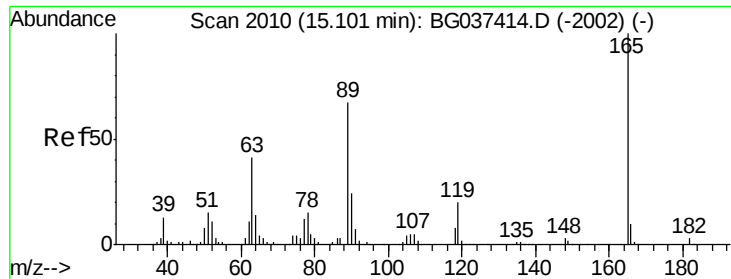
Sohil
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#56
4-Nitrophenol
Concen: 18.610 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	41101		
109	67.1	49.5	89.5	
65	94.1	76.8	116.8	





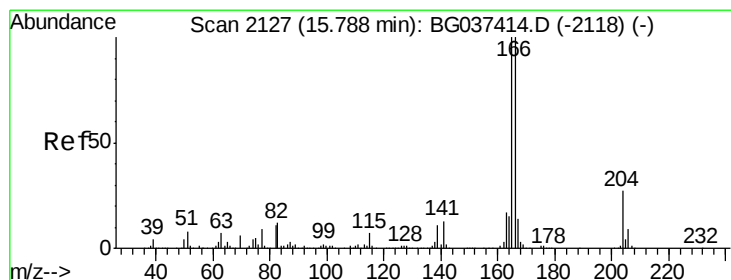
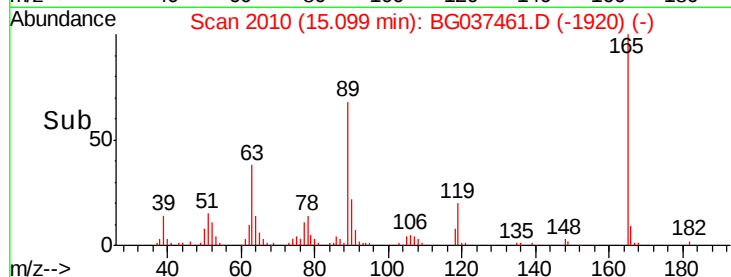
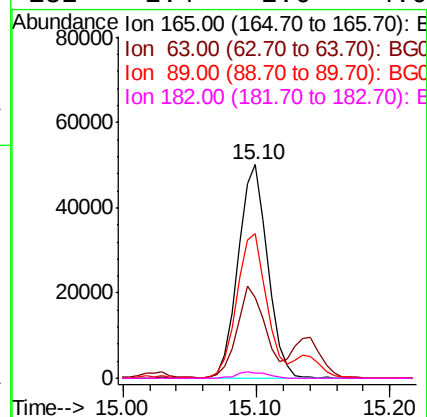
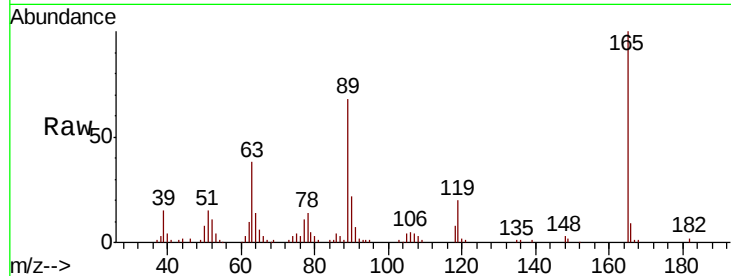
#57
2,4-Dinitrotoluene
Concen: 21.733 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	76676		
63	37.7	33.4	50.0	
89	67.6	57.2	85.8	
182	2.4	2.6	4.0	

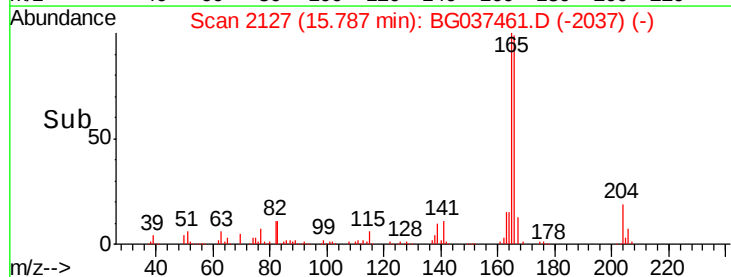
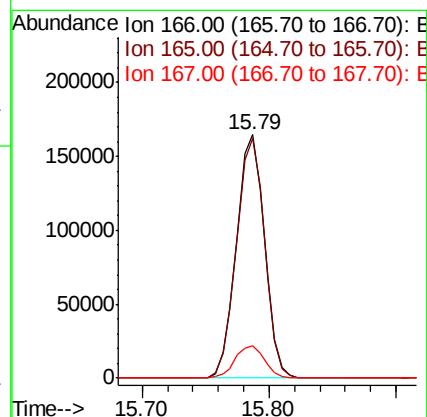
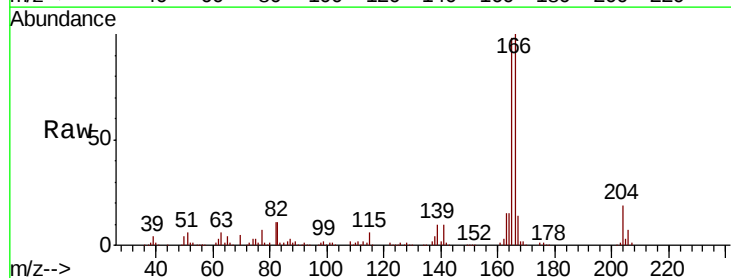
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#58
Fluorene
Concen: 22.230 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	251431		
165	98.4	79.0	118.6	
167	13.5	11.3	16.9	





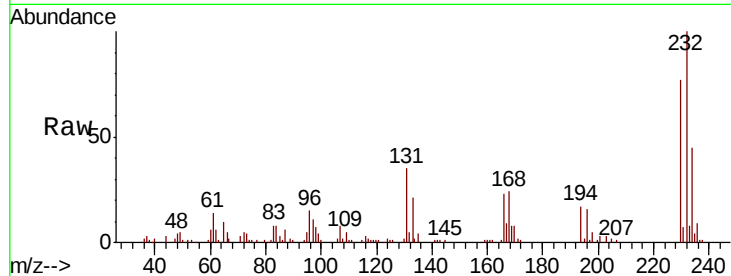
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.478 ng
RT: 15.28 min Scan# 2040
Delta R.T. -0.08 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	61451		
131	39.2	33.7	50.5	
130	2.2	2.1	3.1	
166	25.5	24.6	36.8	

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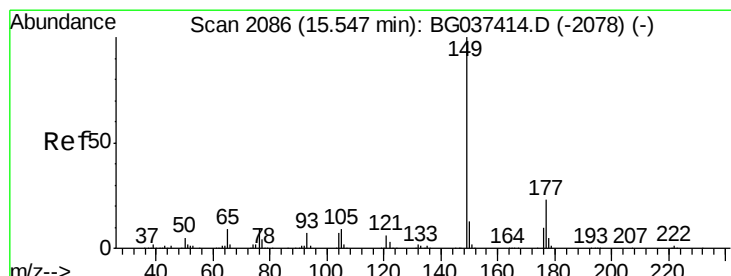
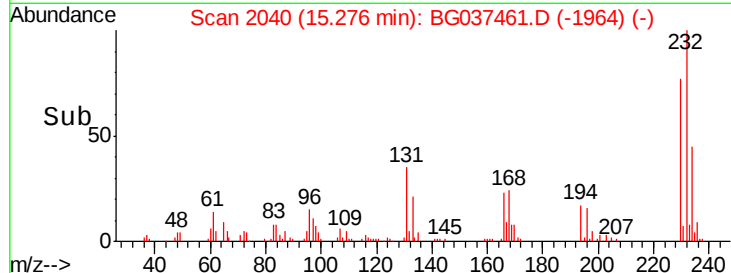
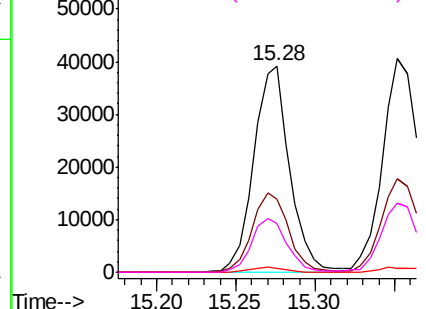
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

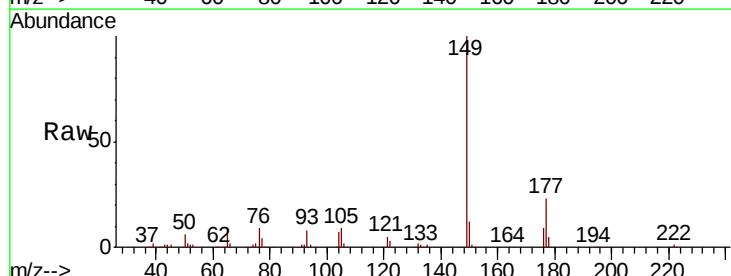
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 20.923 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	260974		
177	23.0	18.3	27.5	
150	12.4	10.0	15.0	

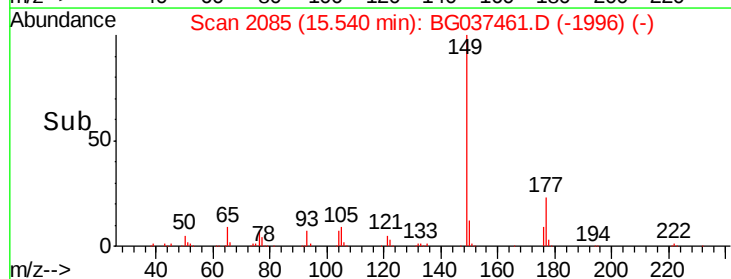
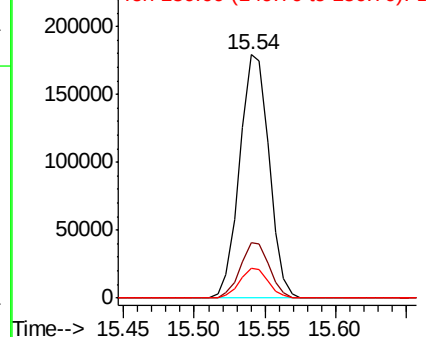


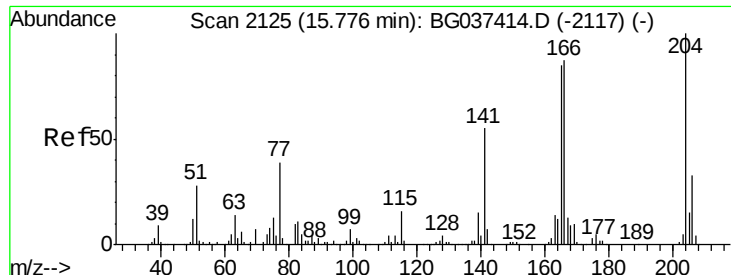
Abundance

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





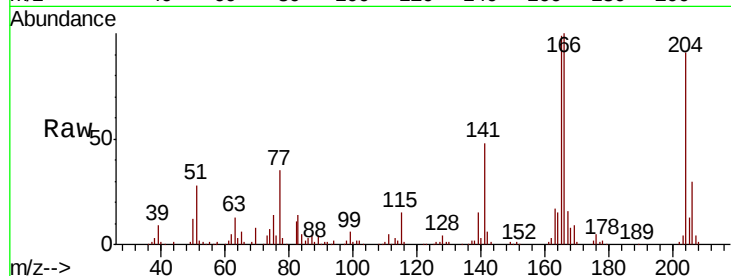
#61
4-Chlorophenyl-phenylether
Concen: 19.510 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	128618		
206	32.9	26.6	39.8	
141	53.4	45.4	68.2	

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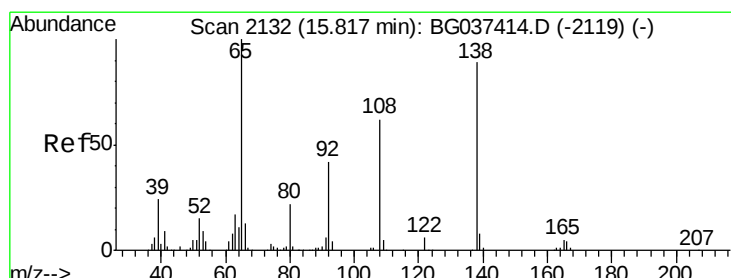
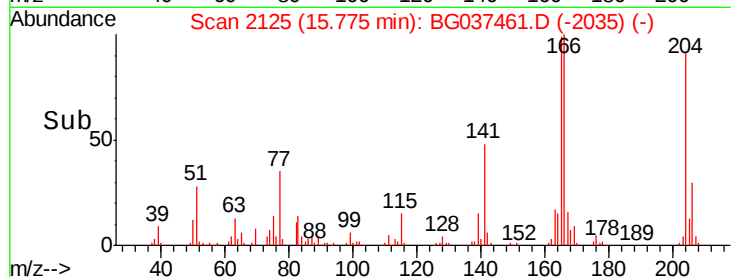
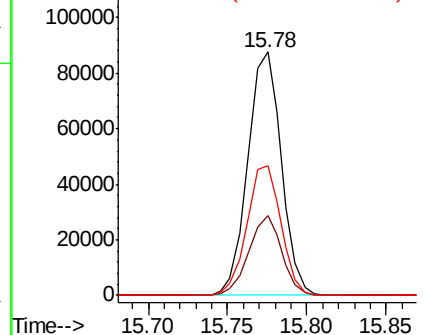


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 21.103 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

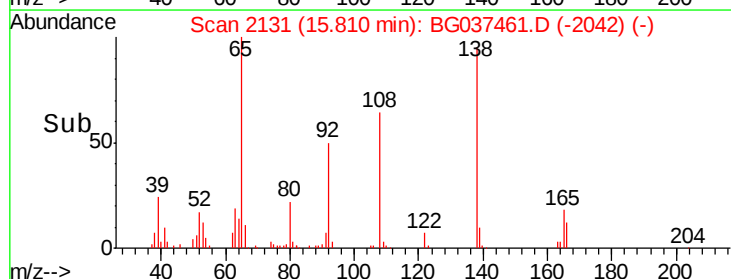
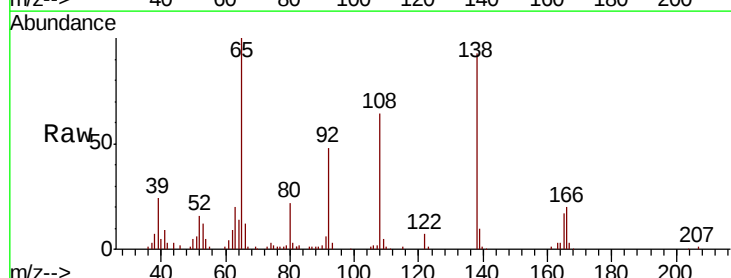
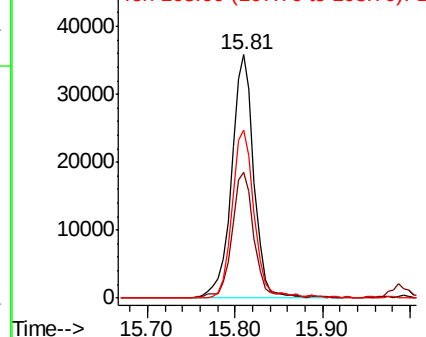
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	62566		
92	51.9	36.4	76.4	
108	69.2	60.1	100.1	

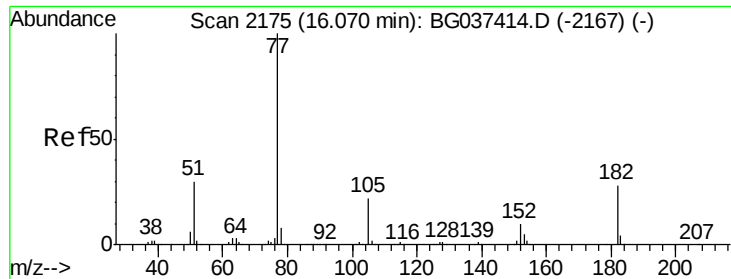
Abundance

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





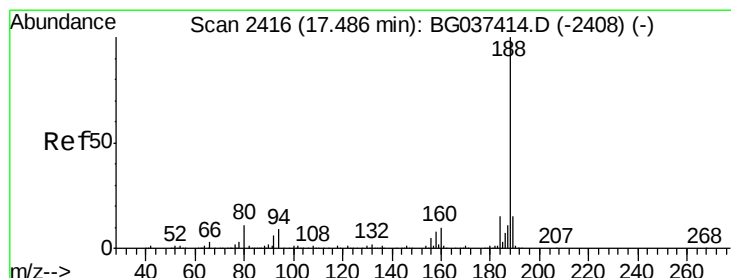
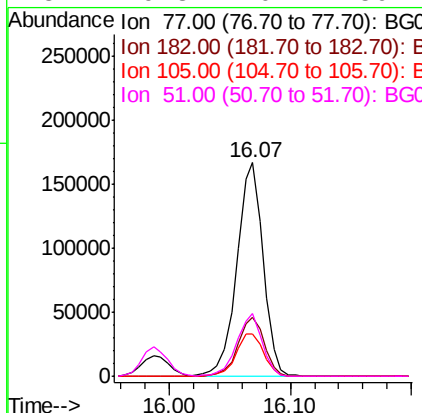
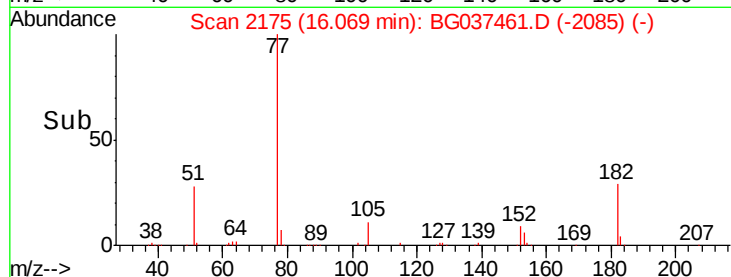
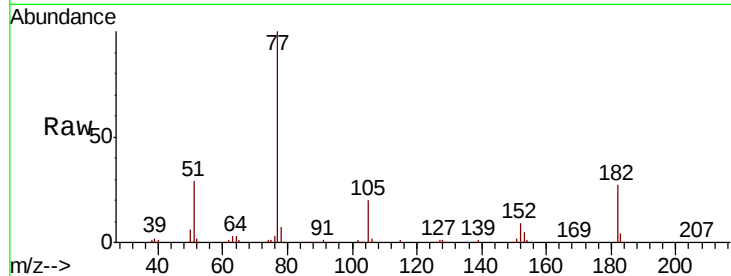
#63
Azobenzene
Concen: 21.264 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	253066		
182	27.5	8.0	48.0	
105	20.0	1.3	41.3	
51	29.3	10.7	50.7	

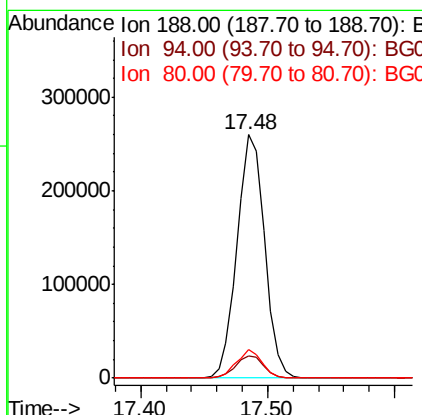
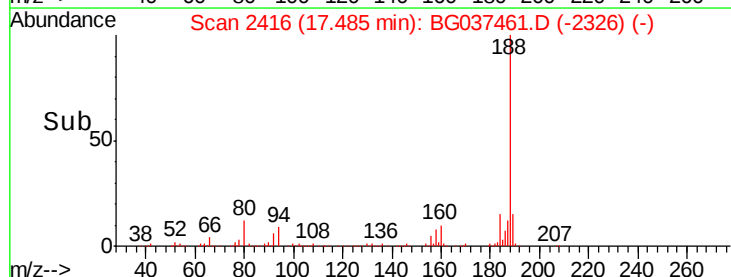
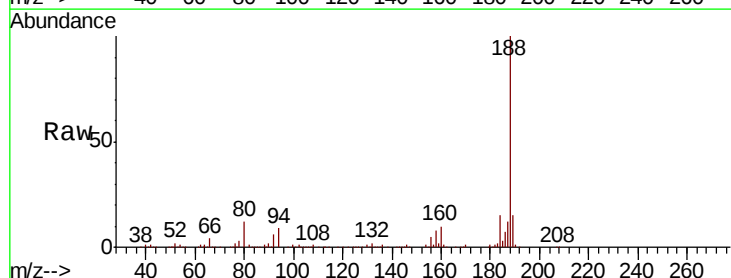
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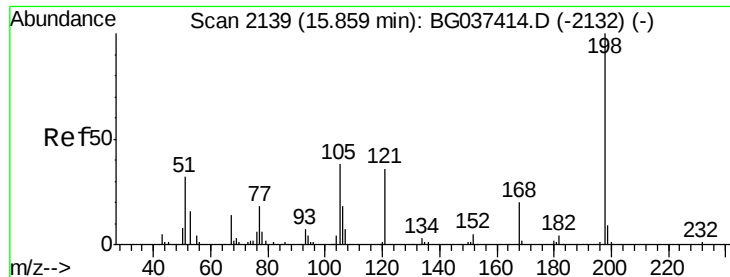
Sohil
10/22/2018 3:39:25 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	390575		
94	9.4	7.2	10.8	
80	11.8	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 19.548 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

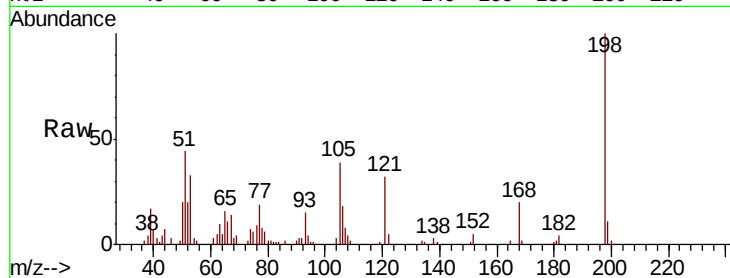
ClientSampleId :

LOQ-WATER-02-QT4-2018

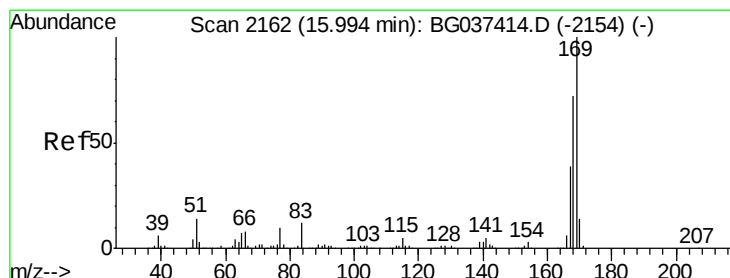
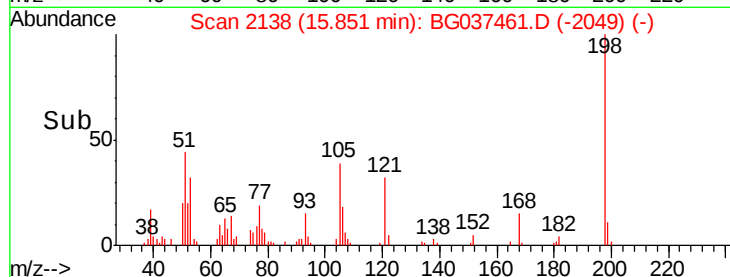
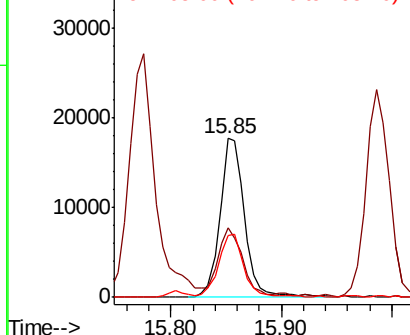
Tgt Ion:	198	Resp:	27503
Ion Ratio	Lower	Upper	
198	100		
51	44.0	22.7	62.7
105	39.1	19.7	59.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 19.367 ng

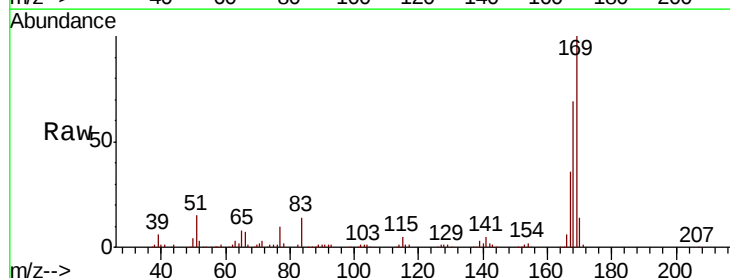
RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

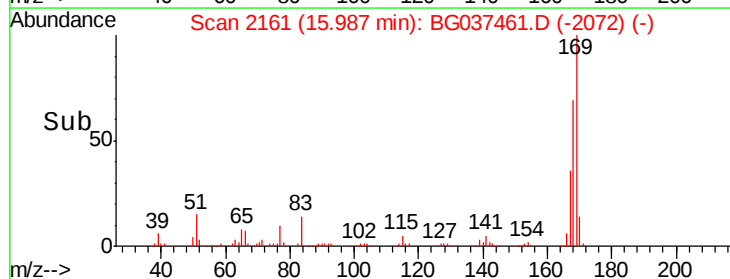
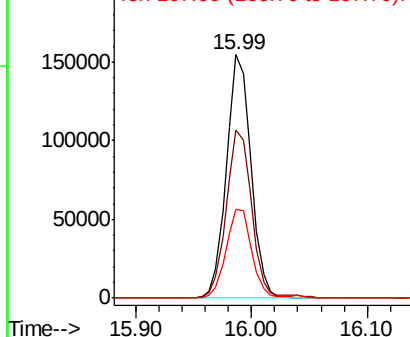
Lab File: BG037461.D

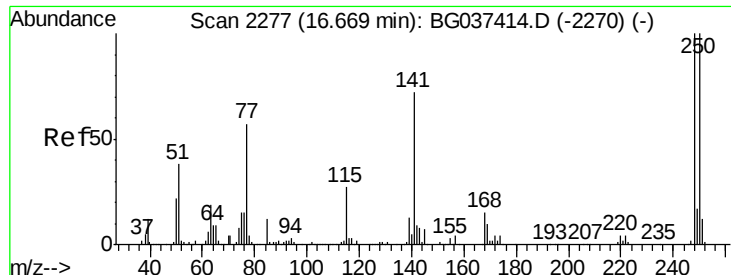
Acq: 19 Oct 2018 19:51

Tgt Ion:	169	Resp:	227533
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.7	83.5
167	36.4	31.3	46.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





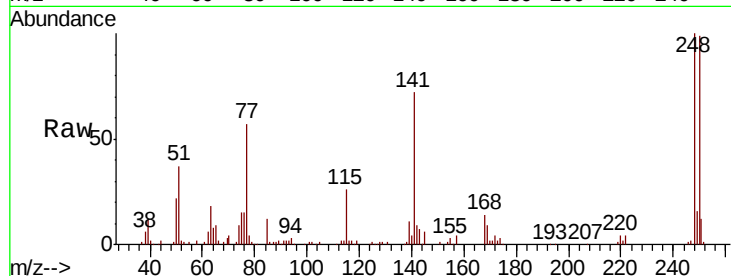
#67
 4-Bromophenyl-phenylether
 Concen: 18.414 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	78979		
250	99.1	77.0	115.6	
141	72.4	55.5	83.3	

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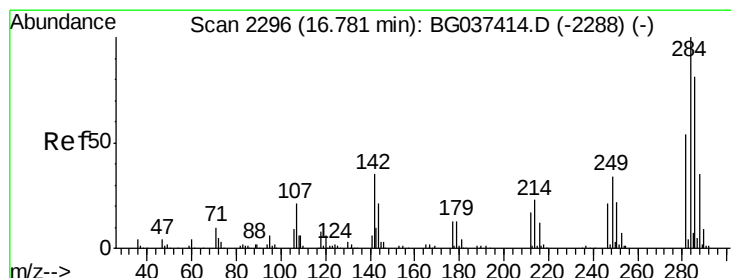
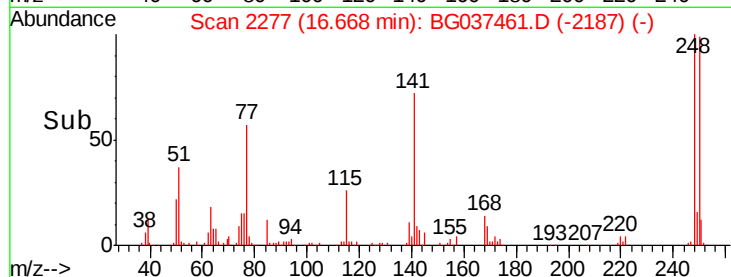
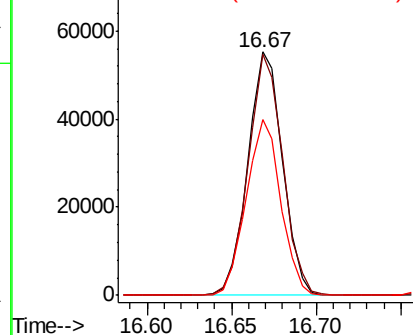


Abundance

Ion 248.00 (247.70 to 248.70): E

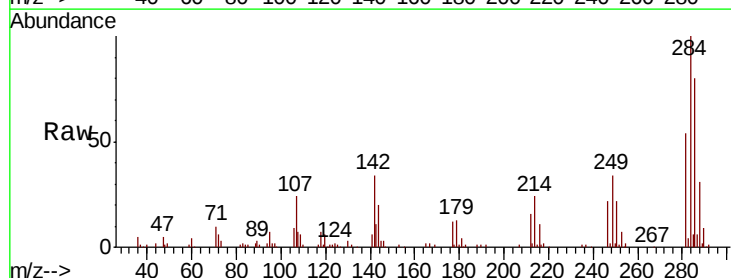
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 18.737 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	83293		
142	34.5	28.1	42.1	
249	36.3	29.8	44.8	

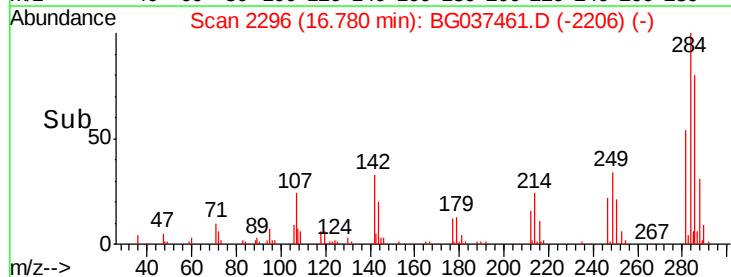
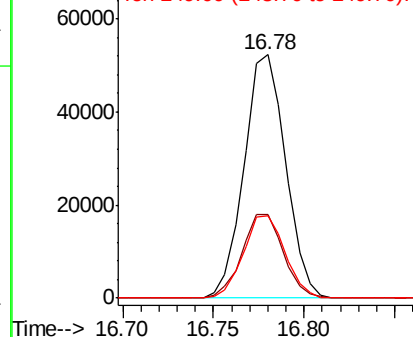


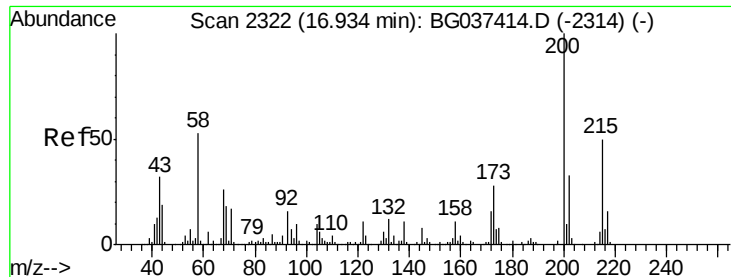
Abundance

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





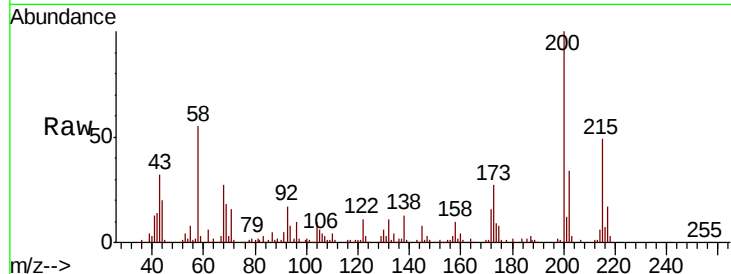
#69
 Atrazine
 Concen: 20.164 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	85652		
173	26.9	6.1	46.1	
215	48.9	30.8	70.8	

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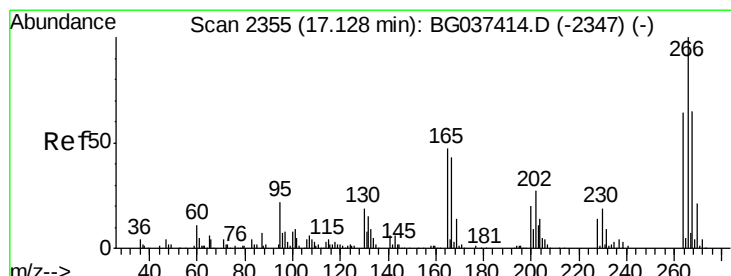
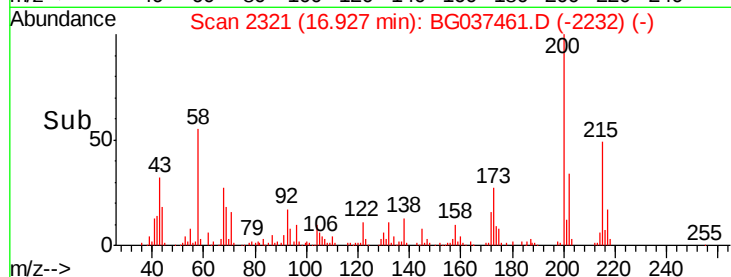
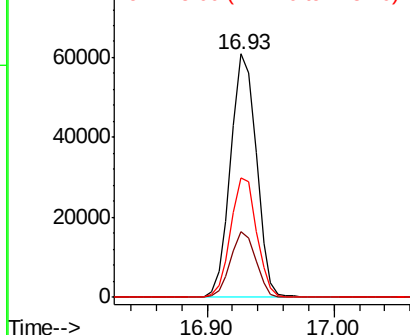


Abundance

Ion 200.00 (199.70 to 200.70): E

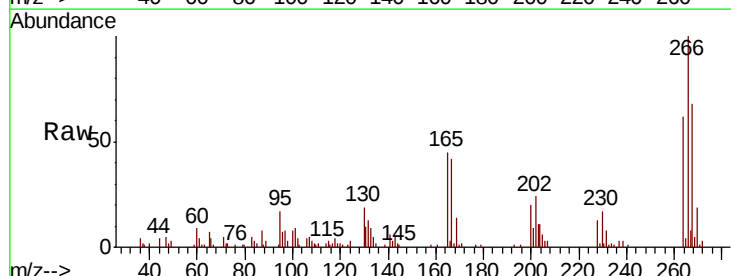
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 13.541 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	40319		
268	72.5	55.0	82.6	
264	66.5	58.9	88.3	

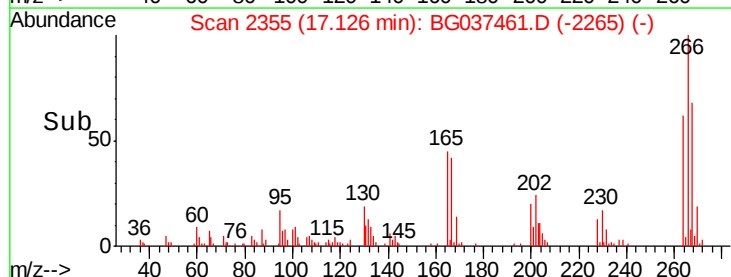
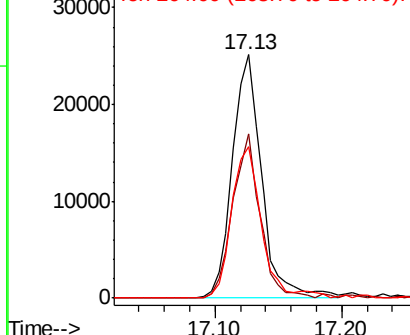


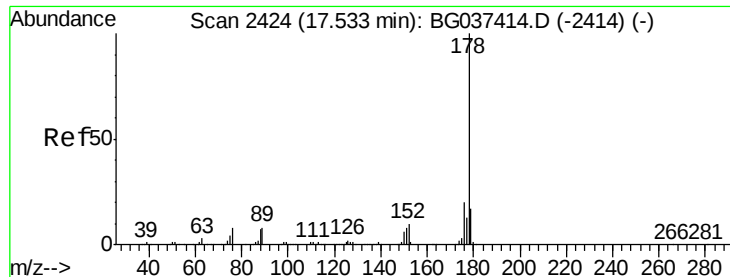
Abundance

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





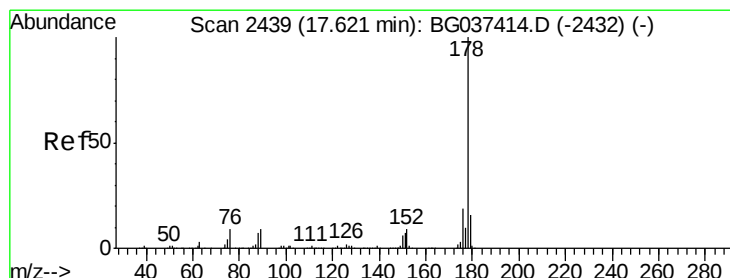
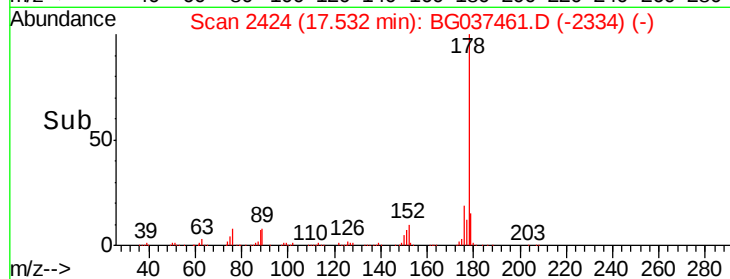
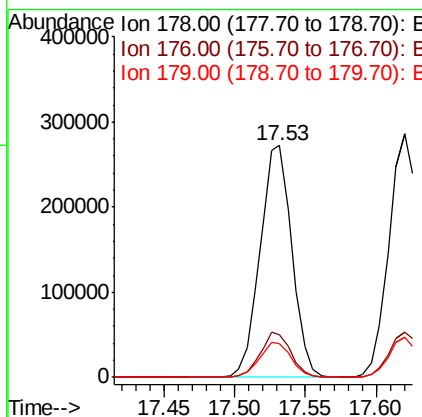
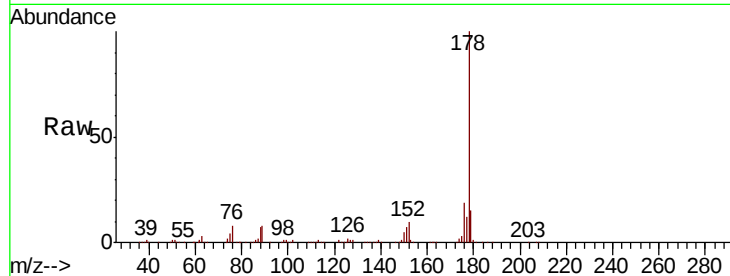
#71
Phenanthrene
Concen: 21.724 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.1	24.1
179	14.5	13.0	19.4

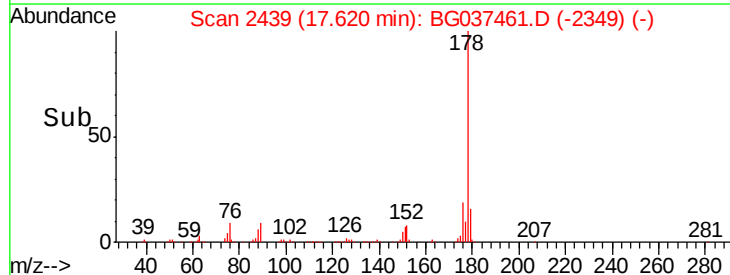
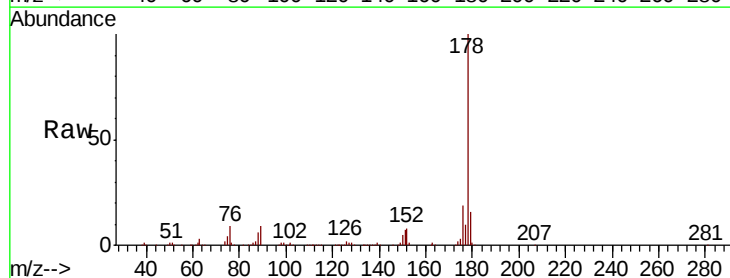
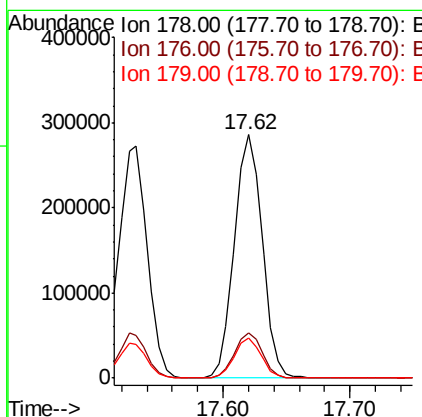
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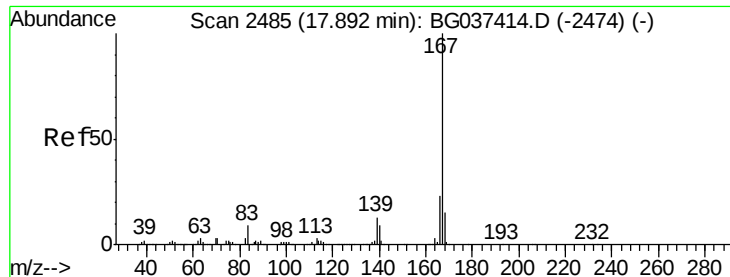
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#72
Anthracene
Concen: 22.258 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.3	12.8	19.2





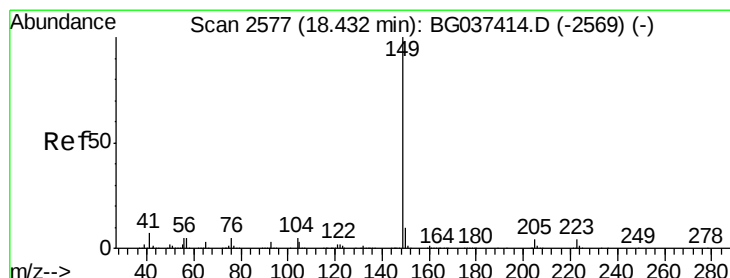
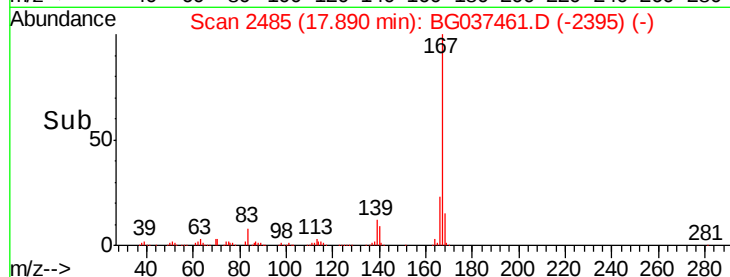
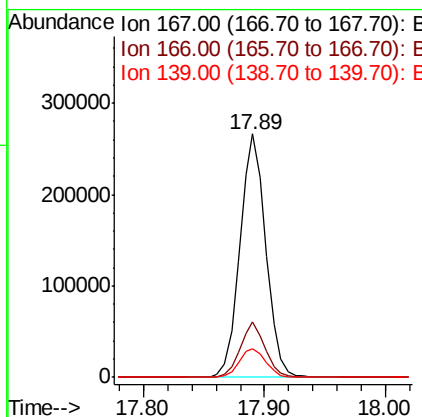
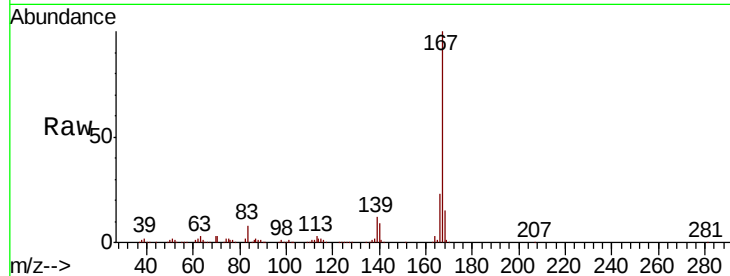
#73
 Carbazole
 Concen: 20.368 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	396894		
166	22.8	18.3	27.5	
139	11.9	10.5	15.7	

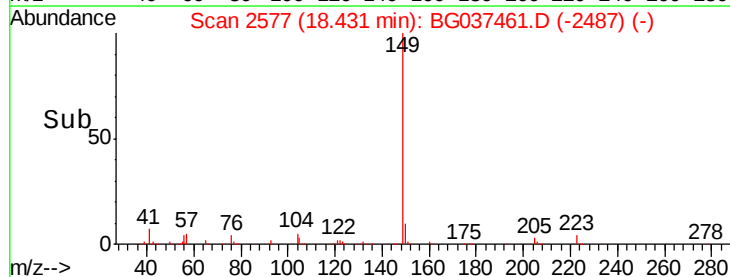
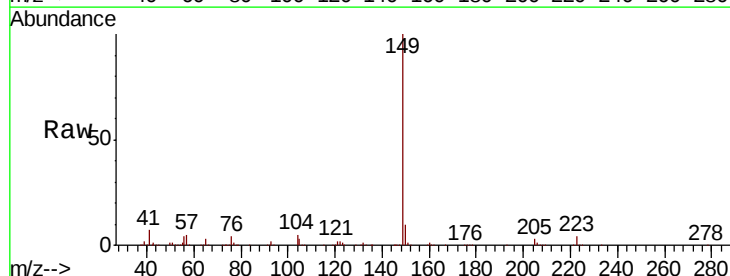
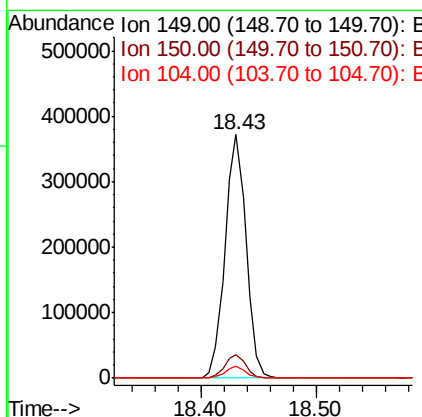
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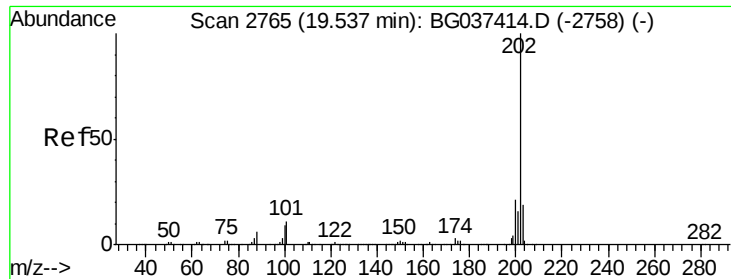
Sohil
 10/22/2018 3:39:25 PM



#74
 Di-n-butylphthalate
 Concen: 21.608 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	468387		
150	9.8	8.2	12.2	
104	4.9	4.0	6.0	





#75

Fluoranthene

Concen: 22.801 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

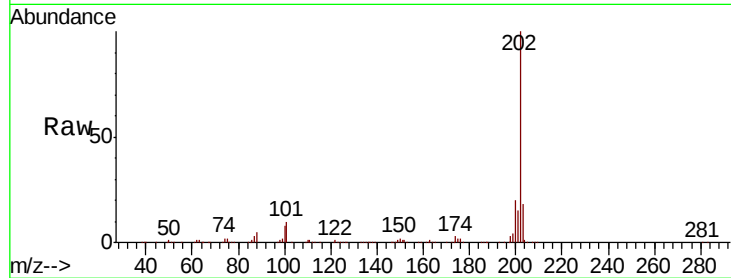
ClientSampleId :

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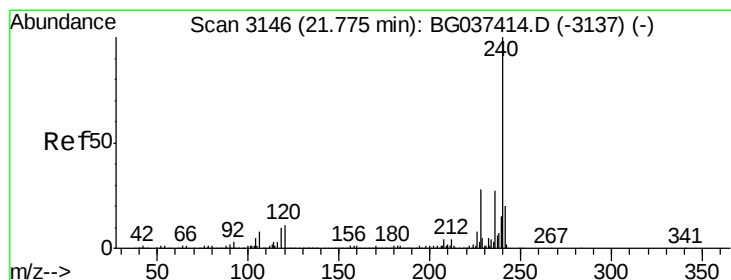
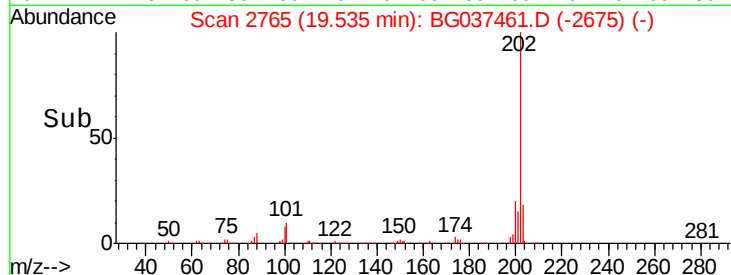
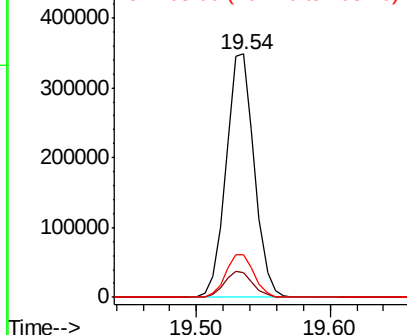
Tgt Ion:	202	Resp:	513344
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.7
203	17.7	0.0	38.5

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



#76

Chrysene-d12

Concen: 20.000 ng

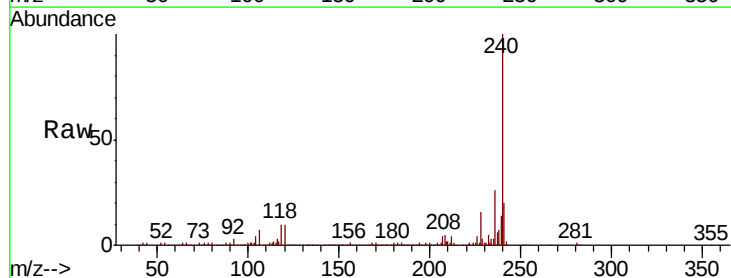
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

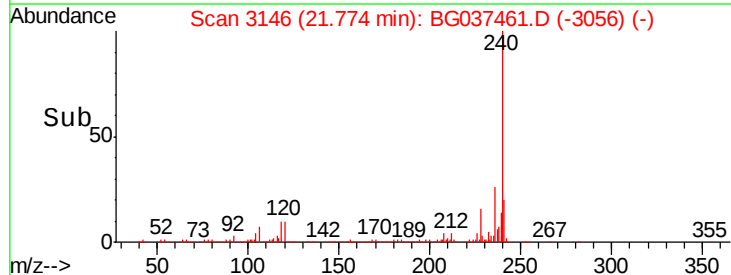
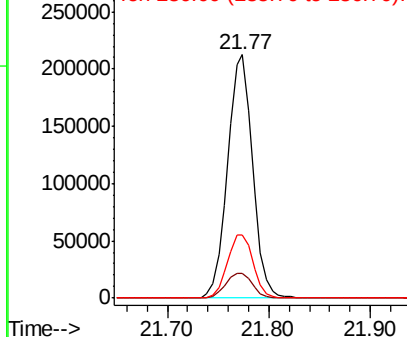
Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	240	Resp:	363594
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.1	12.1
236	25.8	21.4	32.0



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





#77

Benzidine

Concen: 7.046 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

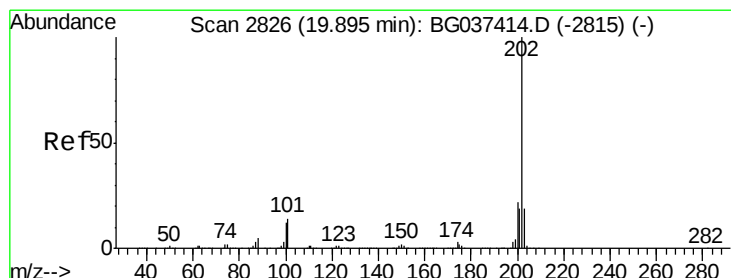
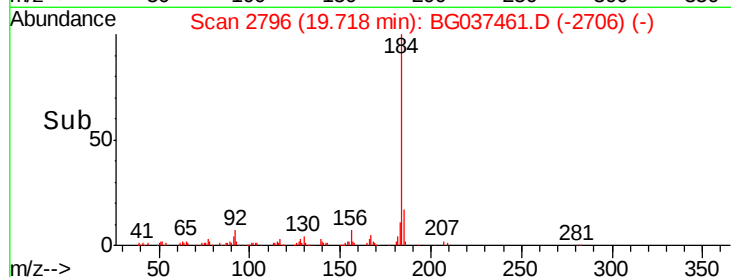
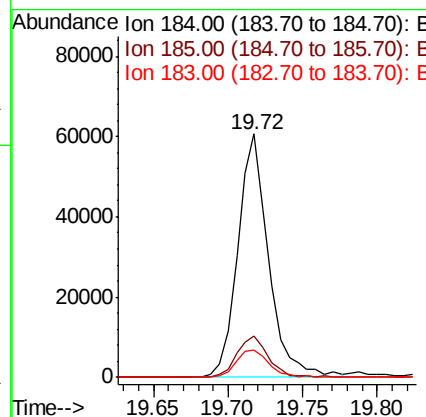
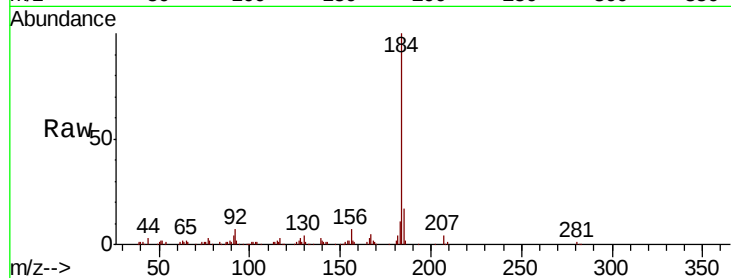
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	184	Resp:	87111
Ion Ratio	Lower	Upper	
184	100		
185	16.9	12.6	18.8
183	11.5	10.2	15.2

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#78

Pyrene

Concen: 21.696 ng

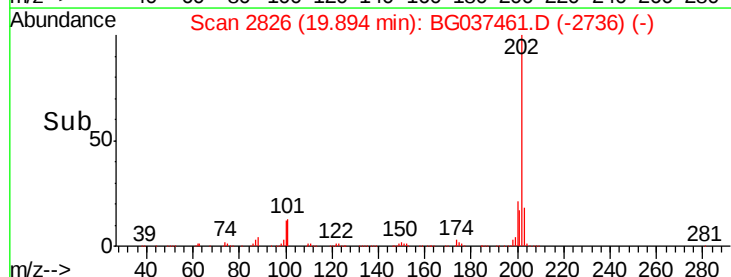
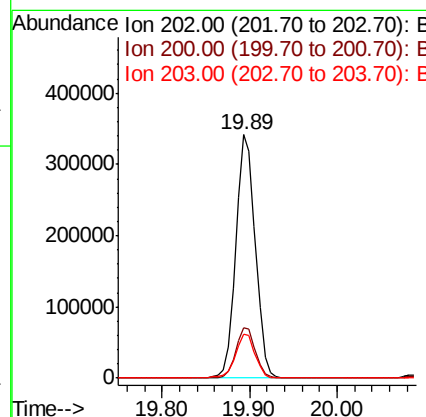
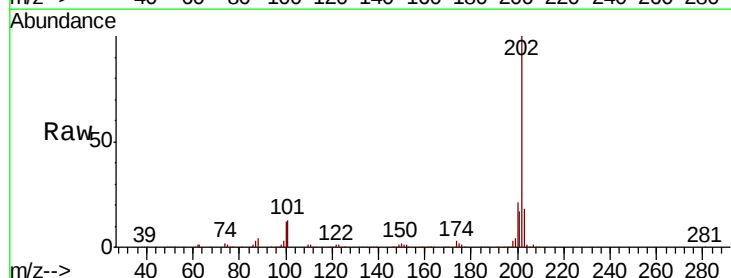
RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Tgt Ion:	202	Resp:	515682
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.8	26.6
203	18.0	15.2	22.8





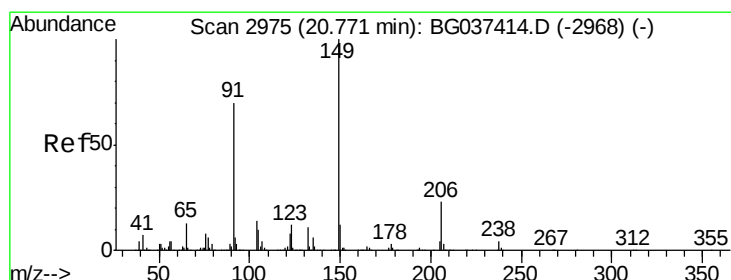
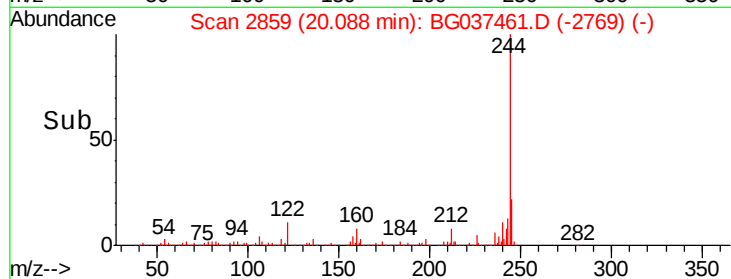
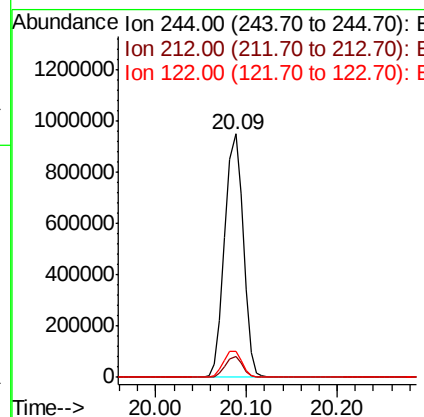
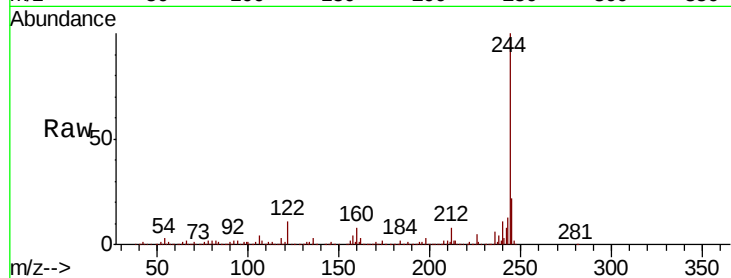
#79
 Terphenyl-d14
 Concen: 79.073 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.9	9.0	13.4

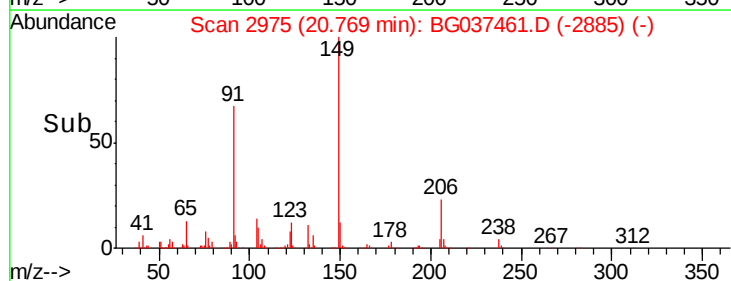
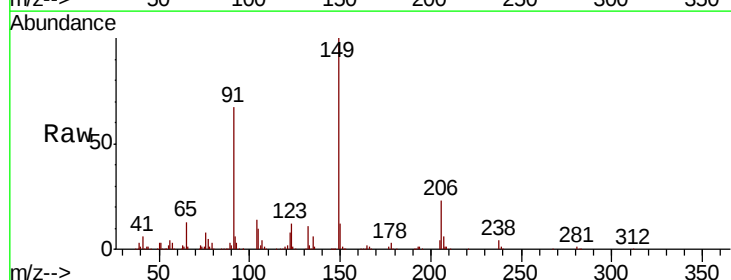
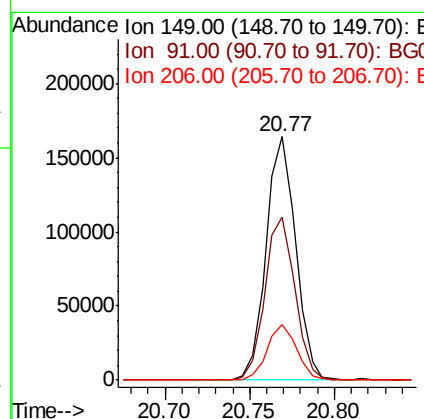
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#80
 Butylbenzylphthalate
 Concen: 20.363 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG037461.D
 Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	57.0	85.4
206	22.5	17.8	26.6





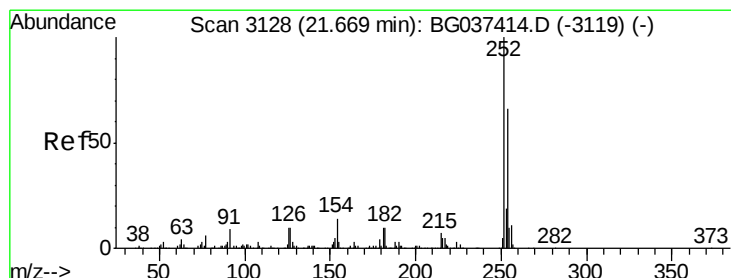
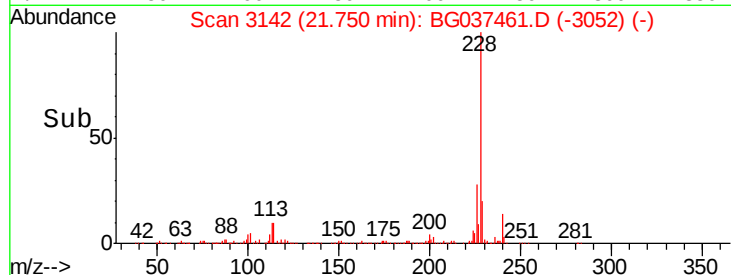
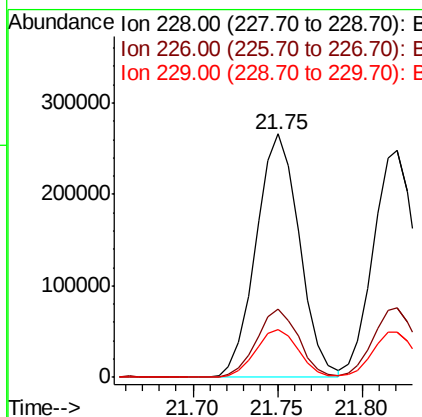
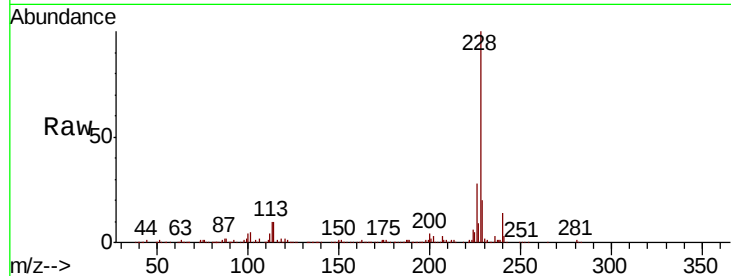
#81
Benzo(a)anthracene
Concen: 22.028 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	473735		
226	28.1	22.6	33.8	
229	19.6	16.3	24.5	

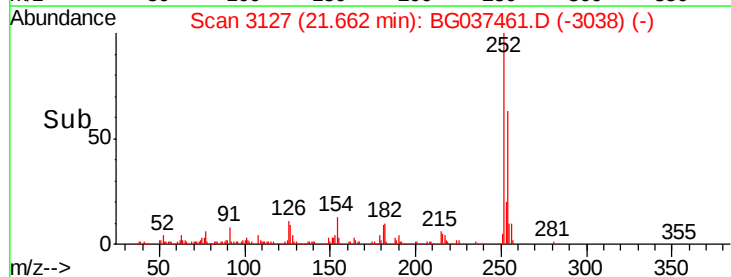
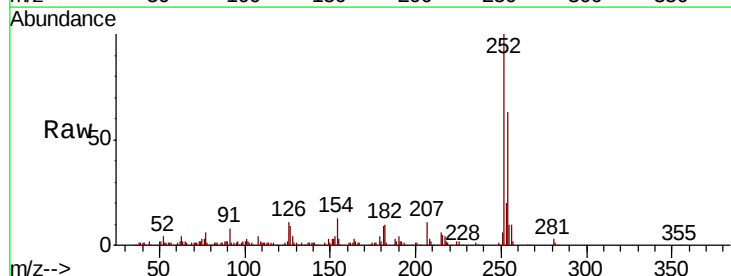
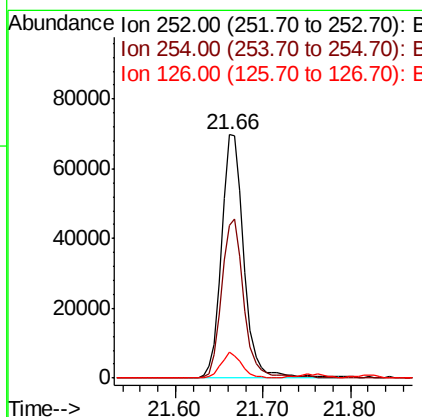
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#82
3,3'-Dichlorobenzidine
Concen: 14.864 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	123909		
254	62.9	52.0	78.0	
126	10.7	8.2	12.4	





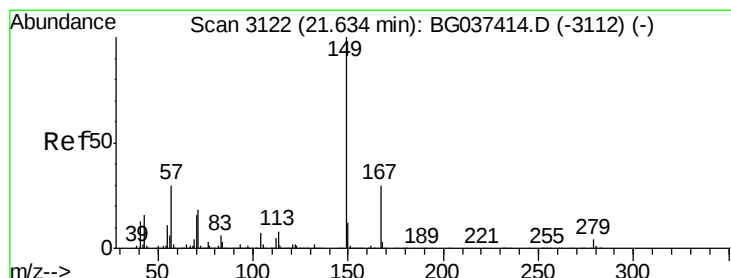
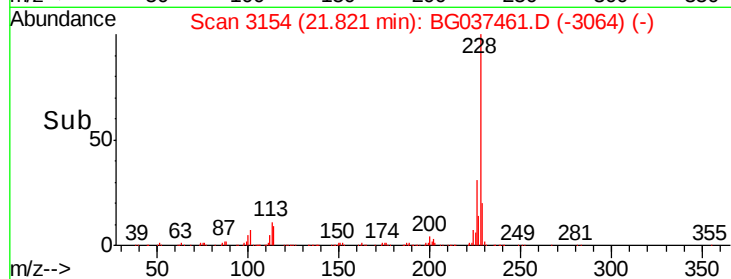
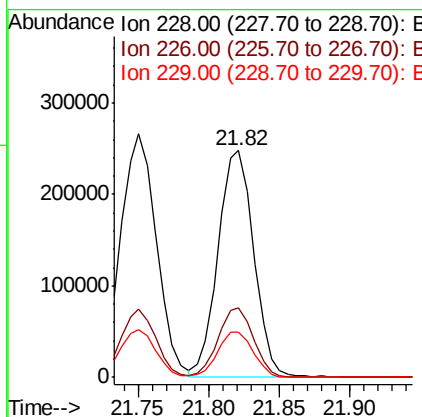
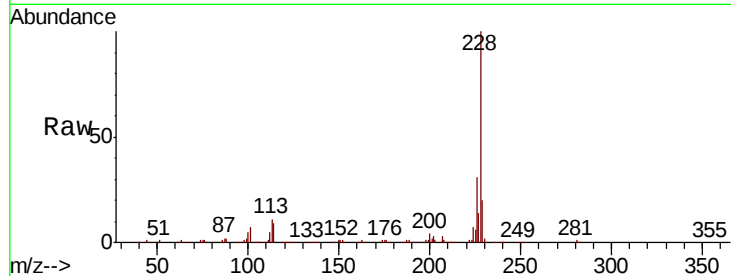
#83
Chrysene
Concen: 20.995 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	20.0	16.5	24.7

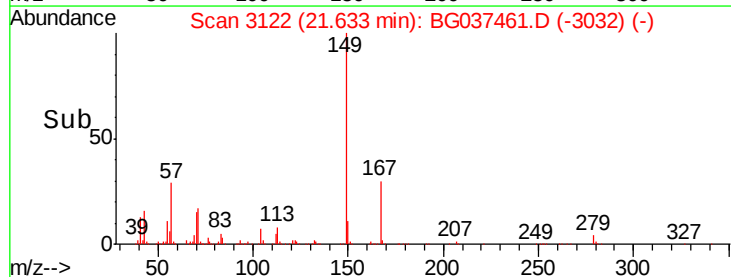
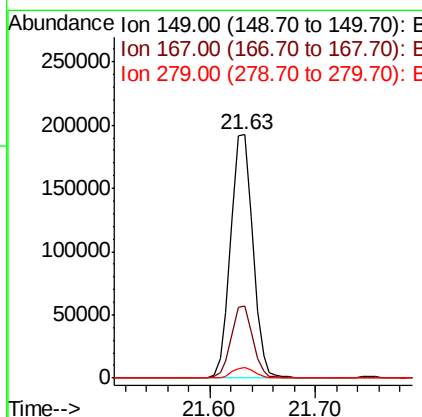
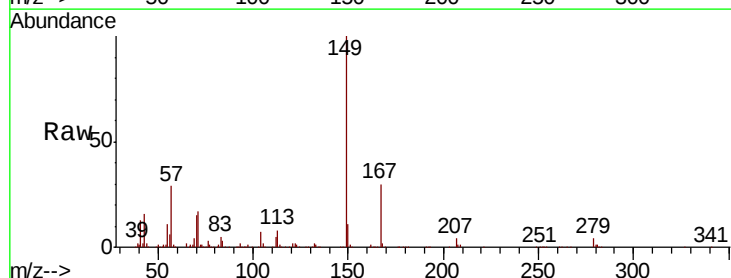
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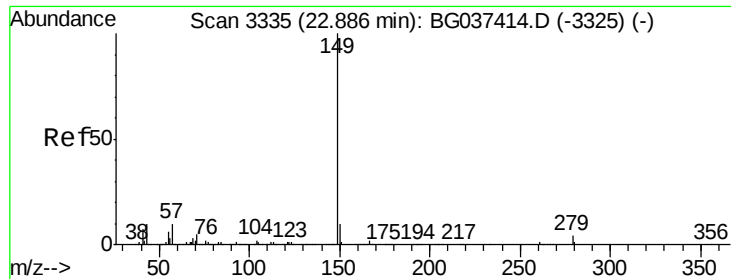
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#84
Bis(2-ethylhexyl)phthalate
Concen: 20.450 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.0	34.4
279	4.2	3.6	5.4





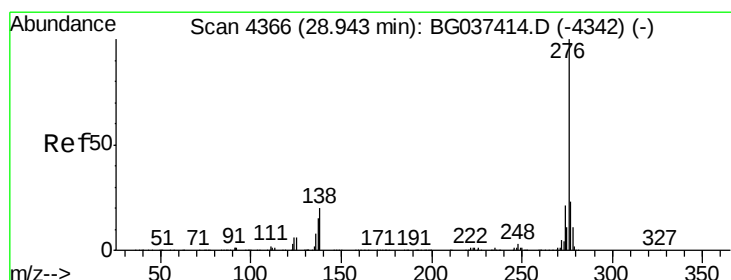
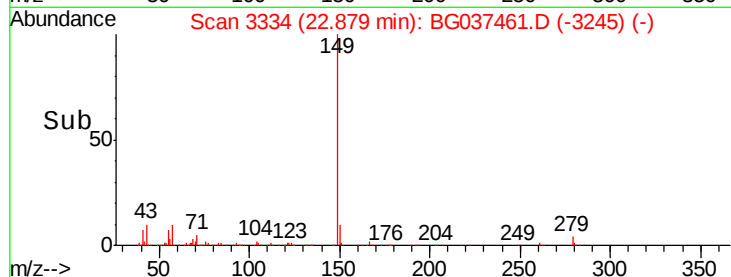
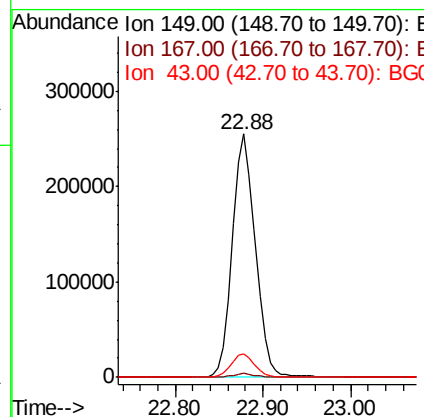
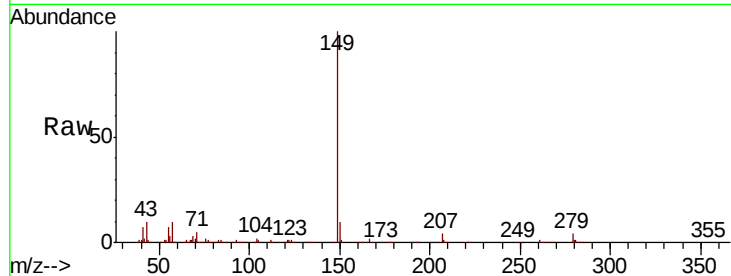
#85
Di-n-octyl phthalate
Concen: 20.661 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	9.9	8.7	13.1

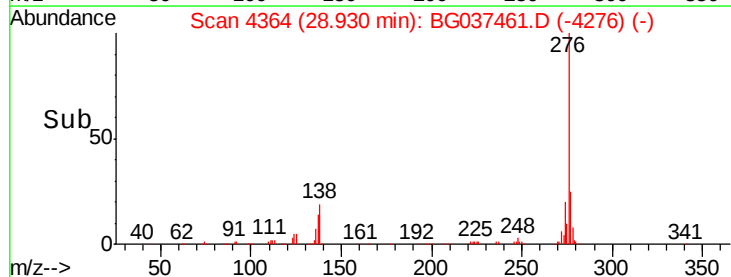
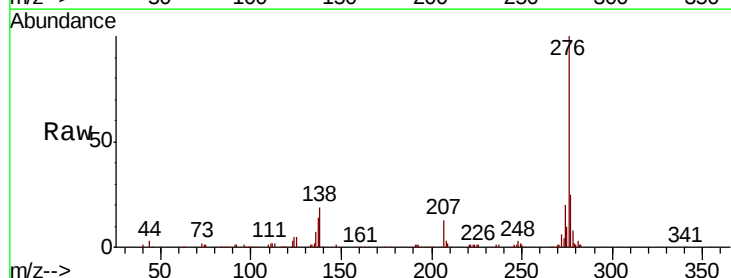
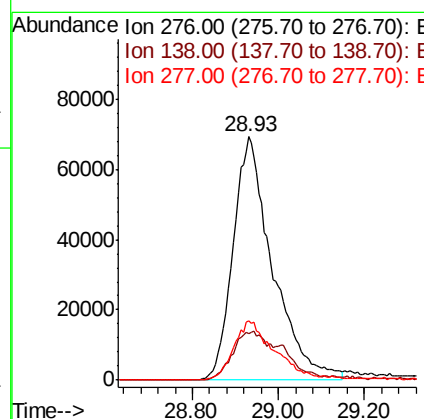
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#86
Indeno(1,2,3-cd)pyrene
Concen: 19.959 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.4	12.0	18.0#
277	25.2	20.6	30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

Instrument :

BNA_G

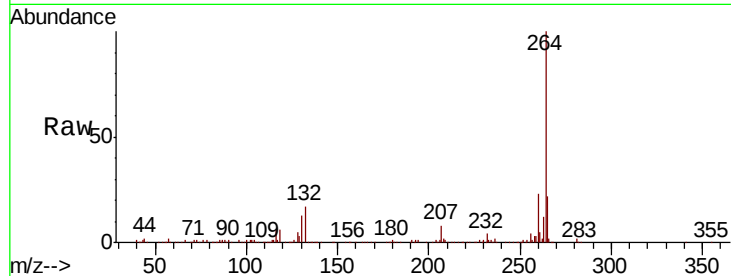
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	264	Resp:	370942
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.2	27.4
265	21.6	17.9	26.9

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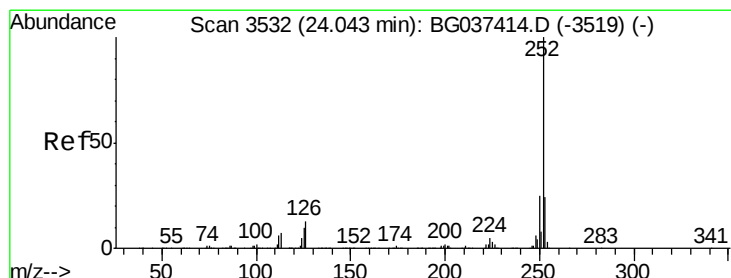
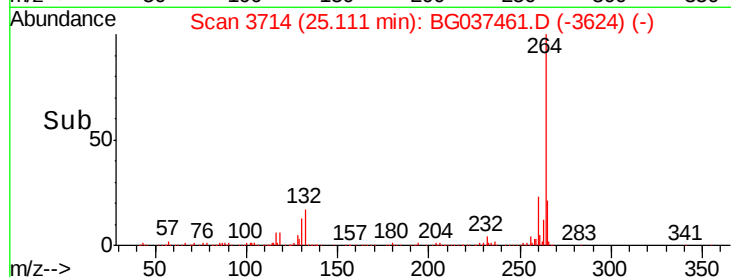
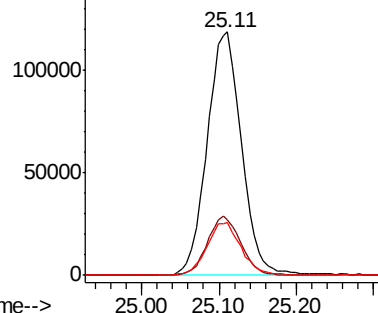


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 21.603 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037461.D

Acq: 19 Oct 2018 19:51

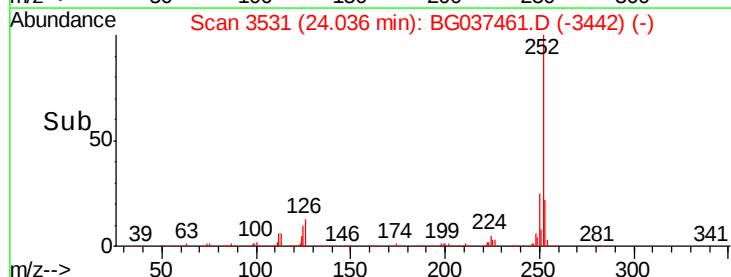
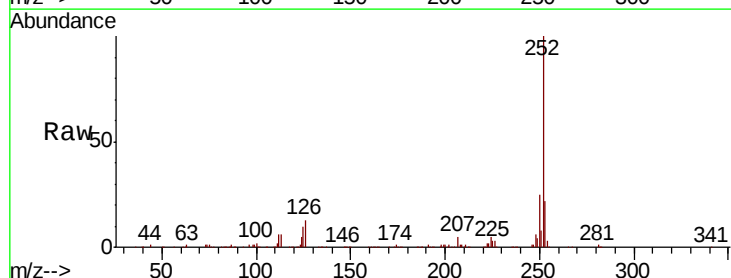
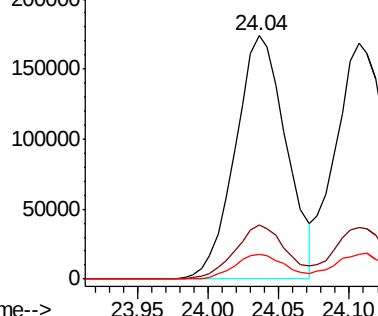
Tgt Ion:	252	Resp:	439330
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	10.1	7.8	11.6

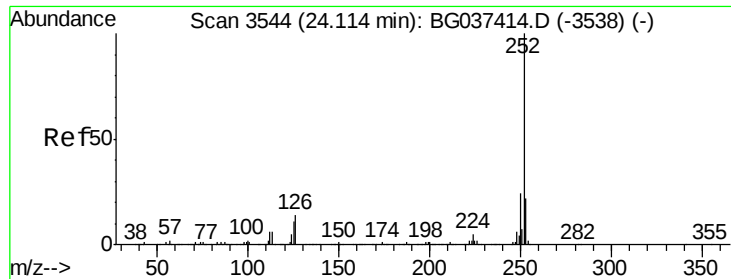
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





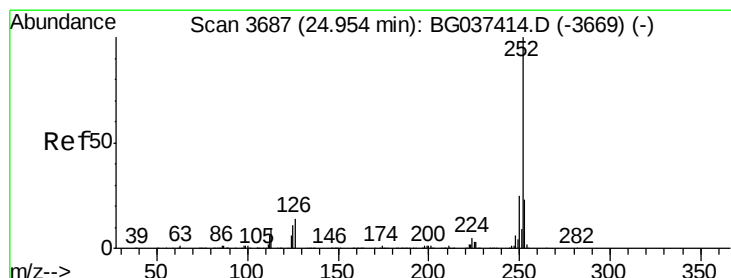
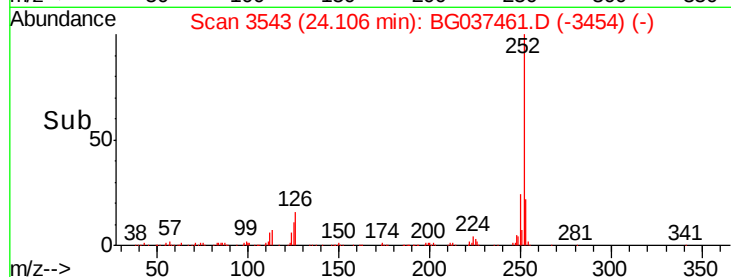
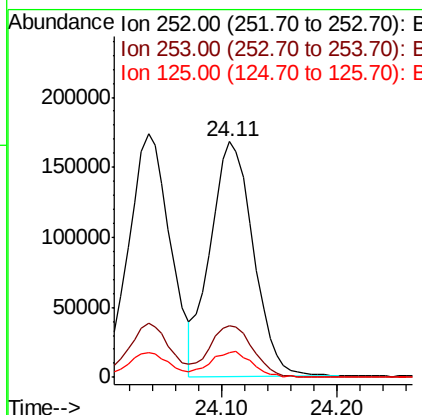
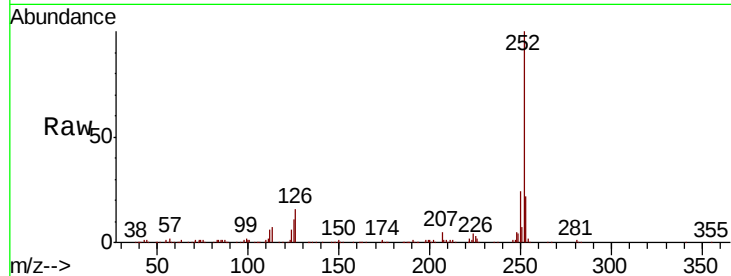
#89
Benzo(k)fluoranthene
Concen: 21.763 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	433615		
253	22.1	17.4	26.2	
125	10.8	7.4	11.0	

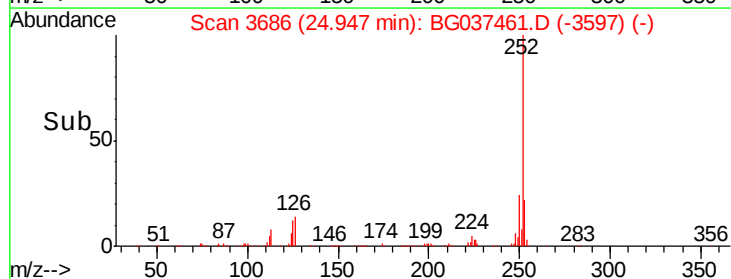
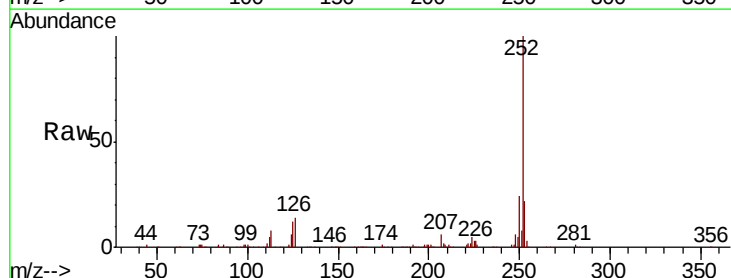
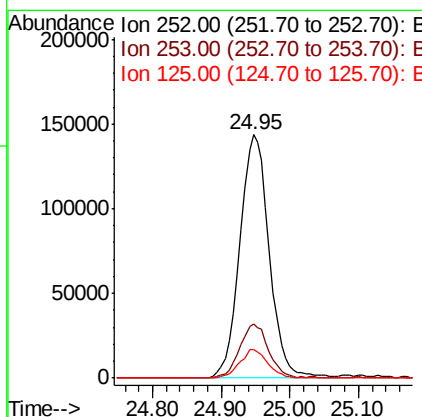
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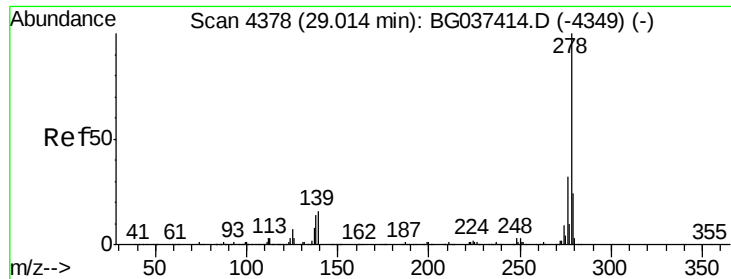
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#90
Benzo(a)pyrene
Concen: 22.162 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	428269		
253	22.1	17.4	26.2	
125	11.9	9.0	13.6	





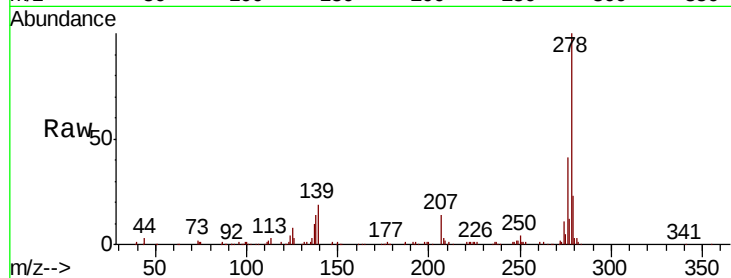
#91
Dibenzo(a,h)anthracene
Concen: 19.912 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

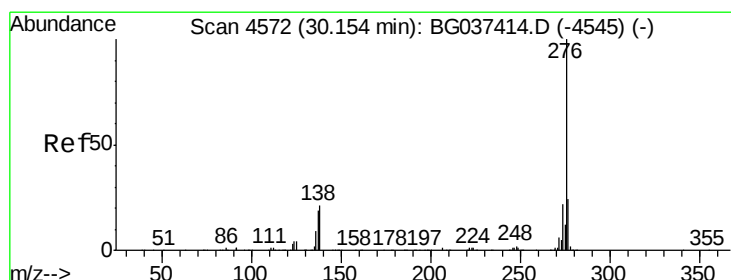
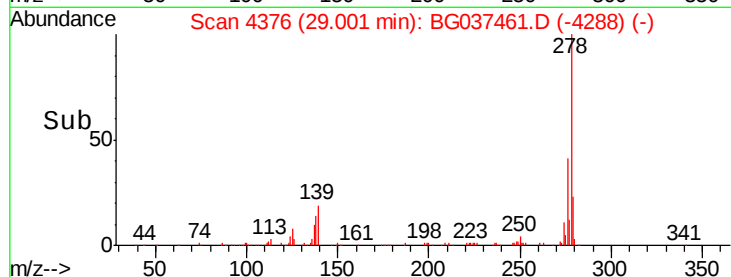
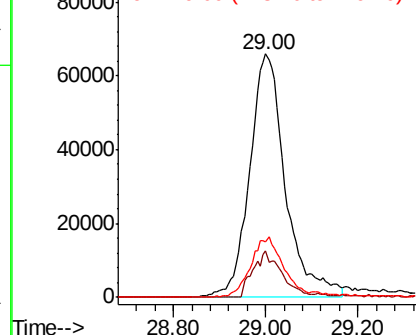
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.5	17.3#
279	23.0	18.6	27.8

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.433 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037461.D
Acq: 19 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.9	28.3
138	21.1	17.2	25.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

