

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037467.D
 Acq On : 20 Oct 2018 1:43
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 2PPM
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:30 PM

Quant Time: Oct 20 06:59:17 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	53659	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	248691	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	166475	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	394421	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373309	20.00	ng	0.00
87) Perylene-d12	25.11	264	356853	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	431555	134.46	ng	0.00
7) Phenol-d6	7.25	99	636430	131.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	369409	83.21	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	236805	130.42	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	892711	80.86	ng	0.00
79) Terphenyl-d14	20.09	244	1330735	76.17	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.53	88	3447	2.118	ng	89
3) Pyridine	3.95	79	7694	1.875	ng	92
4) n-Nitrosodimethylamine	3.86	42	3015	2.063	ng	# 64
6) Aniline	7.44	93	7527	1.271	ng	94
8) 2-Chlorophenol	7.66	128	7720	2.056	ng	90
9) Benzaldehyde	7.25	77	6161	2.029	ng	93
10) Phenol	7.28	94	9632	1.881	ng	85
11) bis(2-Chloroethyl)ether	7.52	93	7359	1.892	ng	90
12) 1,3-Dichlorobenzene	7.99	146	8192	1.960	ng	91
13) 1,4-Dichlorobenzene	8.14	146	8658m	2.025	ng	
14) 1,2-Dichlorobenzene	8.46	146	8472	2.060	ng	100
15) Benzyl Alcohol	8.35	79	6137	1.711	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.62	45	14081	2.023	ng	90
17) 2-Methylphenol	8.54	107	6628	1.958	ng	89
18) Hexachloroethane	9.19	117	2744	1.882	ng	86
19) n-Nitroso-di-n-propylamine	8.91	70	5953	1.781	ng	97
20) 3+4-Methylphenols	8.86	107	9236	1.908	ng	87
22) Acetophenone	8.93	105	12466	1.999	ng	# 97
24) Nitrobenzene	9.33	77	10207	2.213	ng	94
25) Isophorone	9.84	82	17363	2.141	ng	96
26) 2-Nitrophenol	10.03	139	3245	1.562	ng	89
27) 2,4-Dimethylphenol	10.07	122	7475	2.015	ng	87
28) bis(2-Chloroethoxy)methane	10.33	93	10561	1.987	ng	# 89
29) 2,4-Dichlorophenol	10.56	162	6865	1.662	ng	88
30) 1,2,4-Trichlorobenzene	10.78	180	8953	1.993	ng	92
31) Naphthalene	10.98	128	26155	2.141	ng	97
32) Benzoic acid	10.13	122	617	0.256	ng	# 65
33) 4-Chloroaniline	11.10	127	7619	1.328	ng	# 88
34) Hexachlorobutadiene	11.25	225	5164	1.940	ng	92
35) Caprolactam	11.85	113	1923	1.161	ng	# 71
36) 4-Chloro-3-methylphenol	12.18	107	7341	1.576	ng	95
37) 2-Methylnaphthalene	12.58	142	19689	2.211	ng	91
38) 1-Methylnaphthalene	12.80	142	19636	2.271	ng	# 81
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	10374	1.932	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	4378	1.707	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	5402	1.506	ng	95
44) 2,4,5-Trichlorophenol	13.24	196	6211	1.590	ng	91
46) 1,1'-Biphenyl	13.58	154	27794	2.016	ng	96
47) 2-Chloronaphthalene	13.62	162	21319	2.044	ng	97
48) 2-Nitroaniline	13.83	65	4737	1.498	ng	90
49) Acenaphthylene	14.46	152	33747	2.151	ng	99
50) Dimethylphthalate	14.19	163	26736	2.076	ng	# 97
51) 2,6-Dinitrotoluene	14.32	165	4430	1.555	ng	90
52) Acenaphthene	14.80	154	19393	2.007	ng	97
53) 3-Nitroaniline	14.65	138	4273	1.351	ng	96
54) 2,4-Dinitrophenol	14.86	184	58	6.194	ng	# 26
55) Dibenzofuran	15.13	168	33744	2.108	ng	97
56) 4-Nitrophenol	14.94	139	1822	0.778	ng	87
57) 2,4-Dinitrotoluene	15.10	165	5534	1.480	ng	# 95
58) Fluorene	15.78	166	25823	2.154	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	4787	1.431	ng	# 96
60) Diethylphthalate	15.54	149	25245	1.909	ng	93
61) 4-Chlorophenyl-phenylether	15.77	204	13426	1.921	ng	92
62) 4-Nitroaniline	15.81	138	4320	1.375	ng	89
63) Azobenzene	16.07	77	26010	2.062	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	746m	8.804	ng	
66) n-Nitrosodiphenylamine	15.99	169	22185	1.870	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	8568	1.978	ng	91
68) Hexachlorobenzene	16.77	284	8464	1.885	ng	96
69) Atrazine	16.92	200	7373	1.719	ng	93
70) Pentachlorophenol	17.12	266	1887	0.628	ng	# 60
71) Phenanthrene	17.53	178	44768	2.233	ng	99
72) Anthracene	17.62	178	43164	2.194	ng	99
73) Carbazole	17.89	167	35352	1.797	ng	94
74) Di-n-butylphthalate	18.43	149	40424	1.847	ng	97
75) Fluoranthene	19.53	202	48665	2.140	ng	94
77) Benzidine	19.72	184	5450	0.429	ng	96
78) Pyrene	19.89	202	50626	2.075	ng	94
80) Butylbenzylphthalate	20.77	149	15310	1.533	ng	95
81) Benzo(a)anthracene	21.75	228	46418	2.102	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	9442	1.103	ng	87
83) Chrysene	21.82	228	43601	2.054	ng	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	22262	1.590	ng	95
85) Di-n-octyl phthalate	22.88	149	33939	1.487	ng	96
86) Indeno(1,2,3-cd)pyrene	28.95	276	32263m	1.417	ng	
88) Benzo(b)fluoranthene	24.03	252	37469	1.915	ng	# 95
89) Benzo(k)fluoranthene	24.10	252	42498	2.217	ng	# 94
90) Benzo(a)pyrene	24.94	252	38264	2.058	ng	96
91) Dibenzo(a,h)anthracene	29.00	278	25564	1.491	ng	96
92) Benzo(g,h,i)perylene	30.12	276	30301	1.747	ng	# 86

(#) = 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

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Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

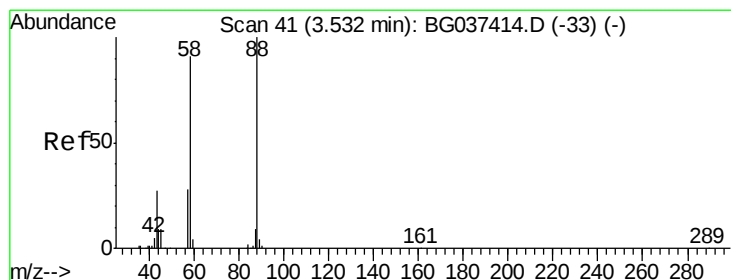
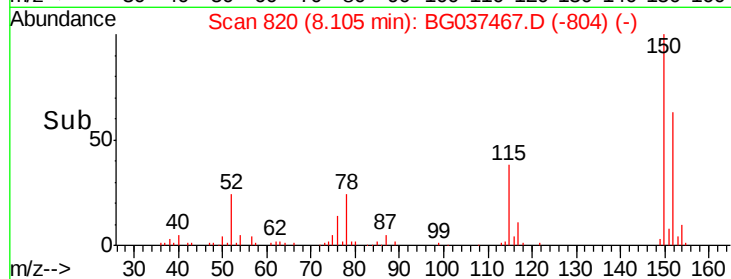
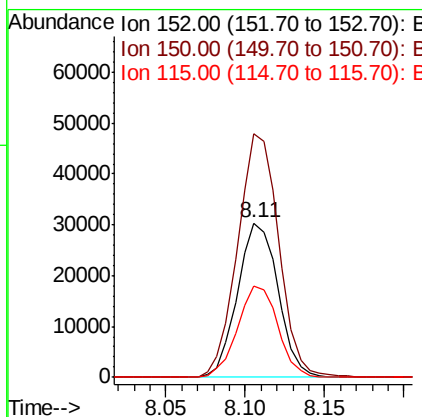
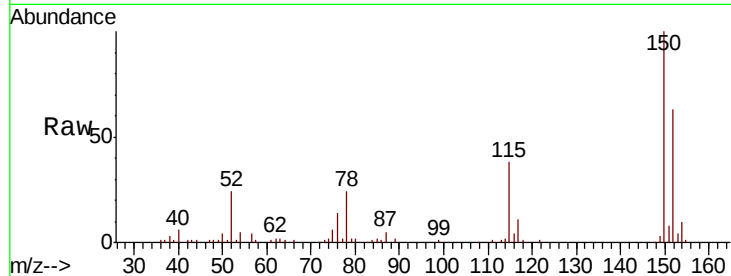
ClientSampleId :

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Tgt Ion:	152	Resp:	53659
Ion Ratio	Lower	Upper	
152	100		
150	158.0	126.0	189.0
115	59.6	45.5	68.3

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#2

1,4-Dioxane

Concen: 2.118 ng

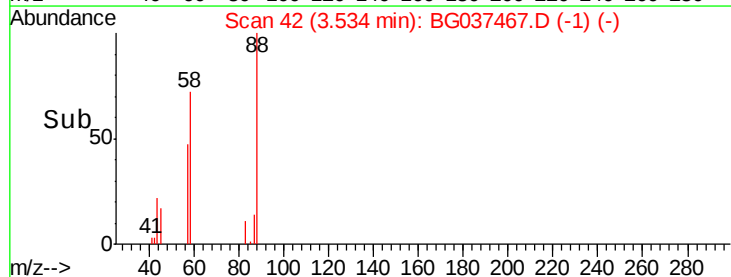
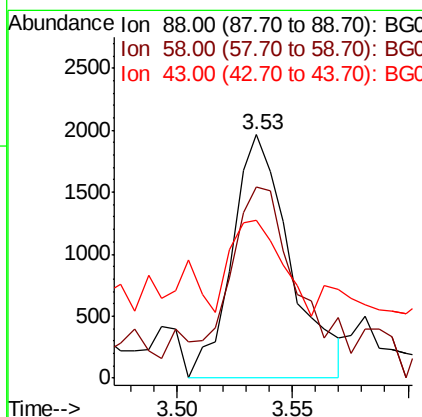
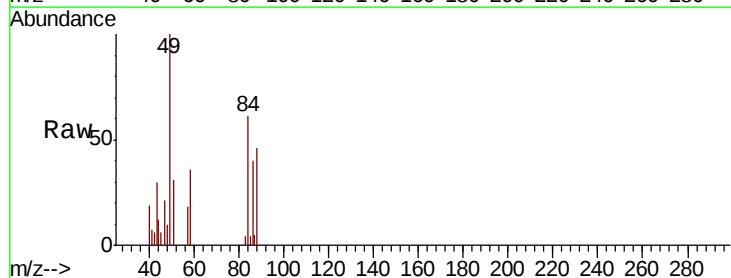
RT: 3.53 min Scan# 42

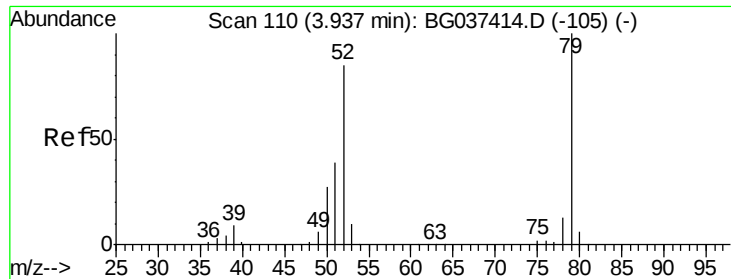
Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	88	Resp:	3447
Ion Ratio	Lower	Upper	
88	100		
58	80.3	74.4	111.6
43	34.1	25.8	38.8





#3

Pyridine

Concen: 1.875 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

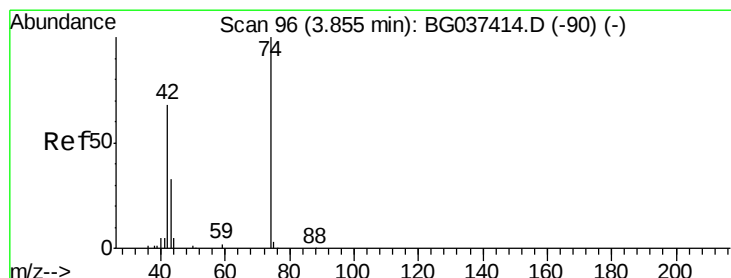
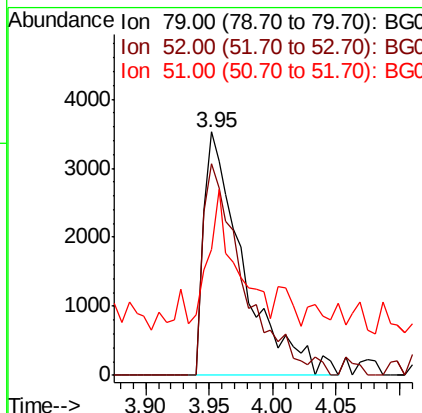
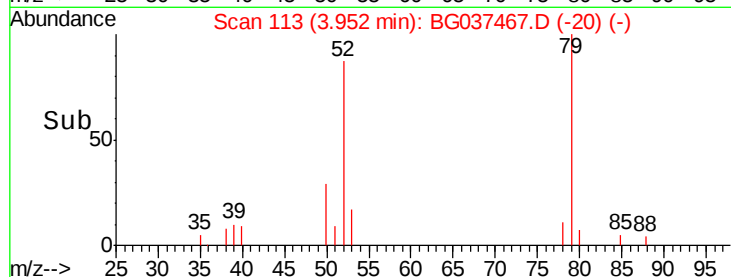
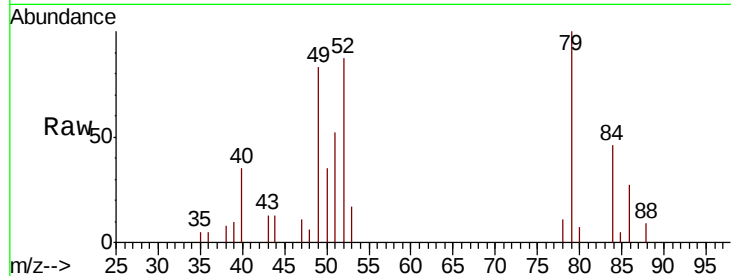
ClientSampleId :

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Tgt Ion:	79	Resp:	7694
Ion	Ratio	Lower	Upper
79	100		
52	86.7	74.2	111.2
51	51.6	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 2.063 ng

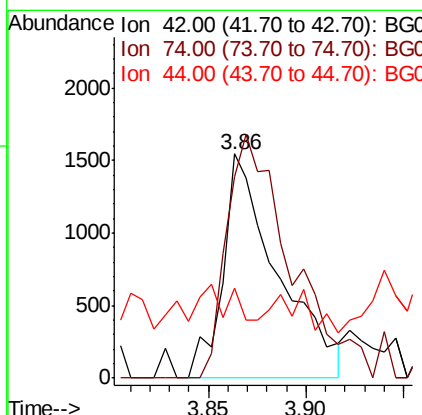
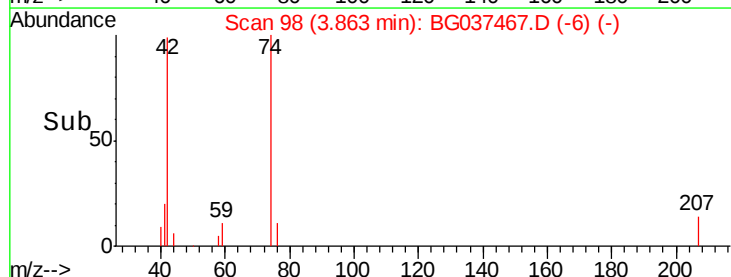
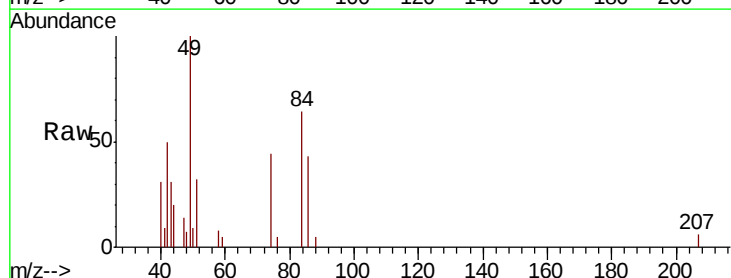
RT: 3.86 min Scan# 98

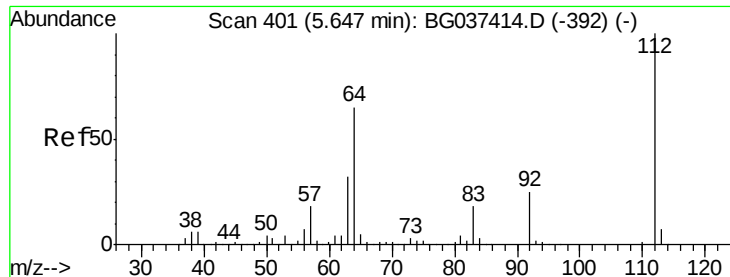
Delta R.T. 0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	42	Resp:	3015
Ion	Ratio	Lower	Upper
42	100		
74	89.7	102.0	153.0#
44	39.9	9.6	14.4#





#5

2-Fluorophenol

Concen: 134.460 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

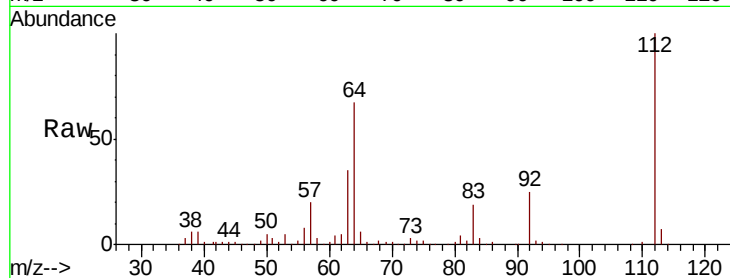
ClientSampleId :

MDL-WATER-03-QT4-2018

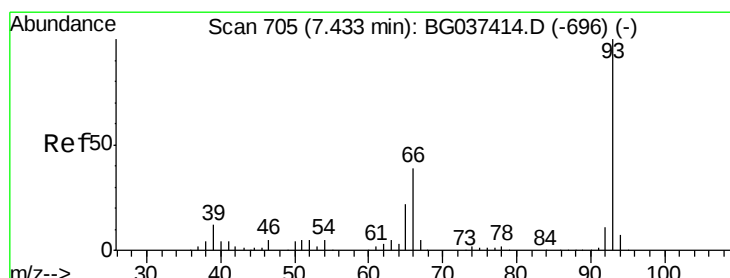
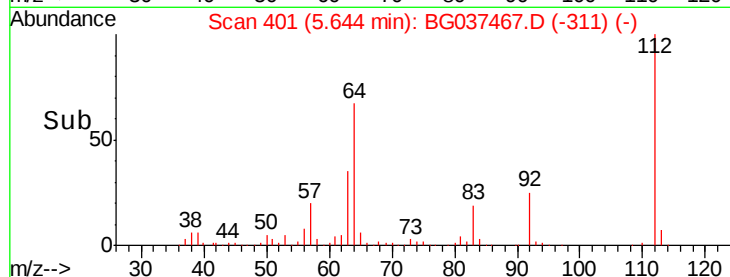
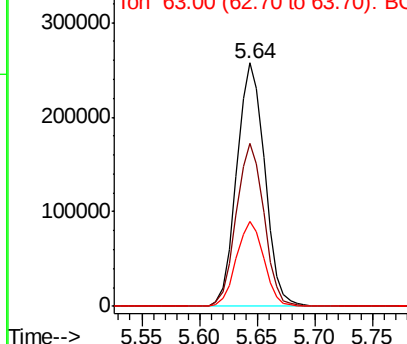
Tgt Ion:	112	Resp:	431555
Ion Ratio	Lower	Upper	
112	100		
64	67.2	53.1	79.7
63	34.7	27.3	40.9

Manual Integrations
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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: 1.271 ng

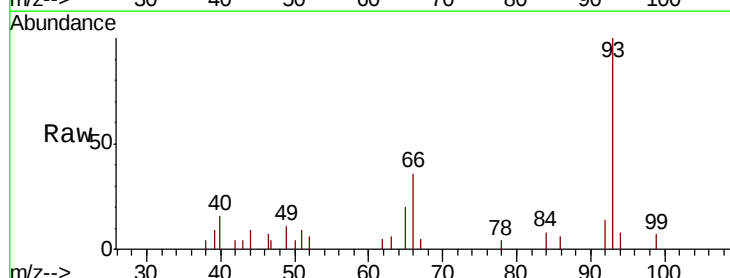
RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

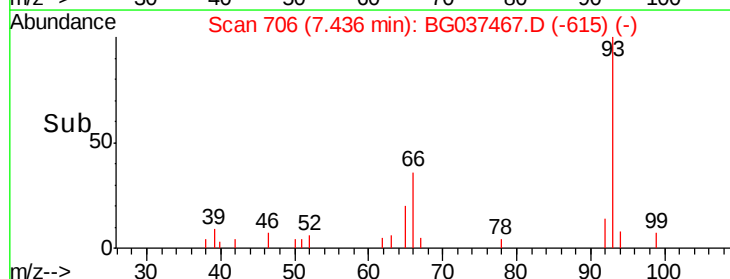
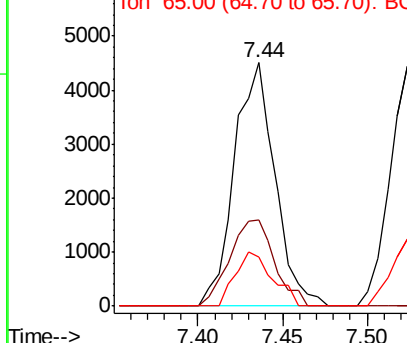
Lab File: BG037467.D

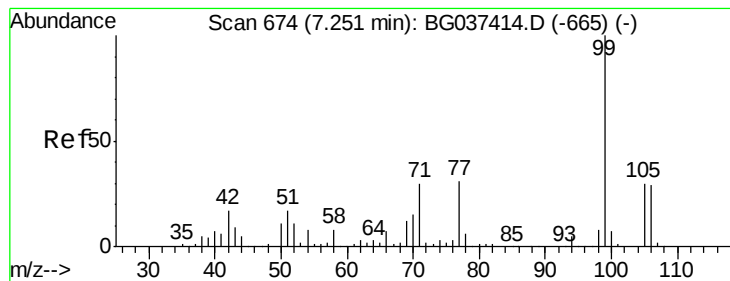
Acq: 20 Oct 2018 1:43

Tgt Ion:	93	Resp:	7527
Ion Ratio	Lower	Upper	
93	100		
66	35.6	32.8	49.2
65	19.9	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: 131.135 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

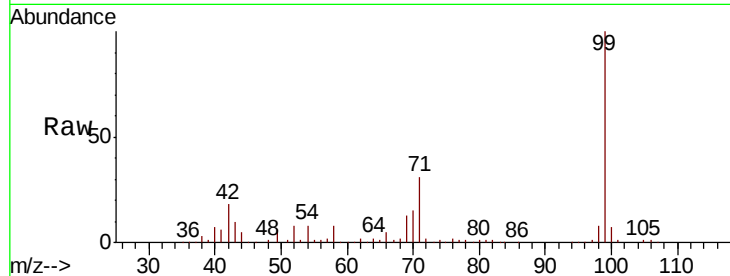
ClientSampleId :

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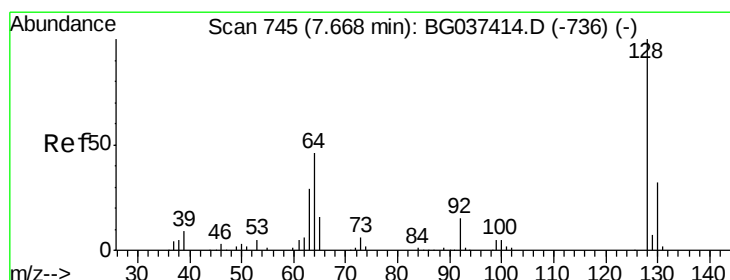
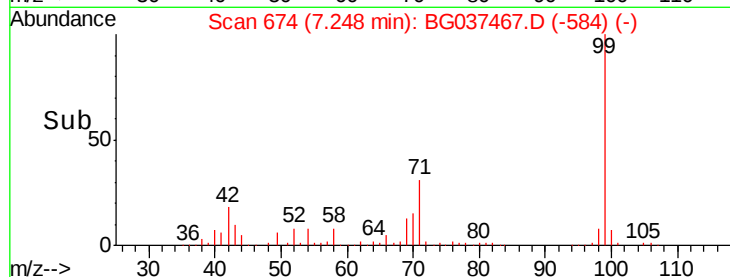
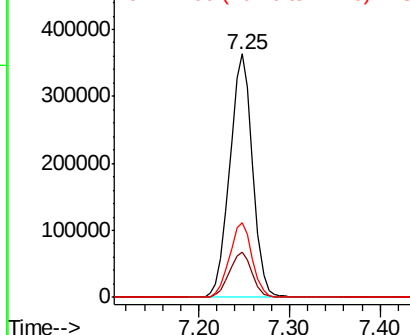
Tgt Ion:	99	Resp:	636430
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	30.9	25.5	38.3

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 2.056 ng

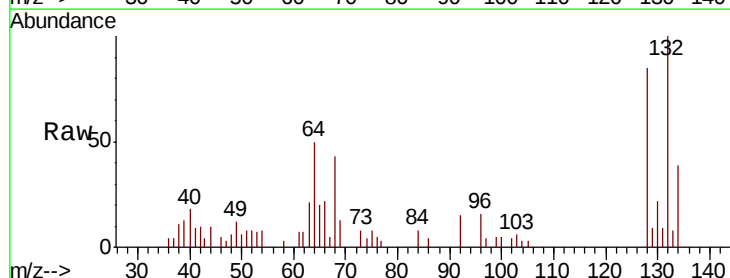
RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

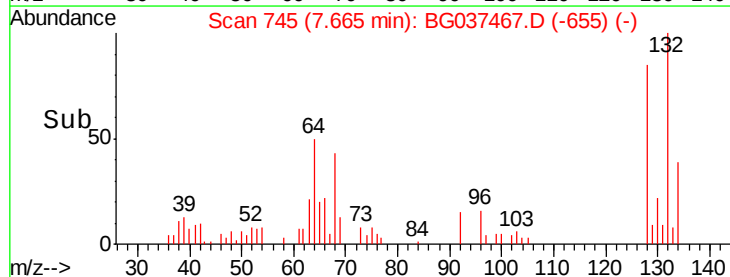
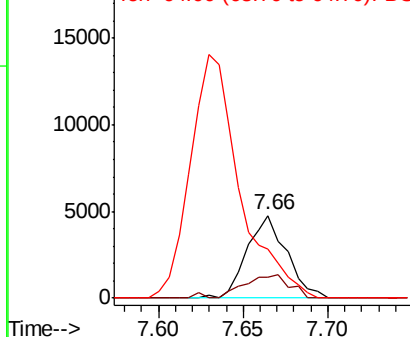
Lab File: BG037467.D

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Tgt Ion:	128	Resp:	7720
Ion	Ratio	Lower	Upper
128	100		
130	25.5	12.0	52.0
64	59.0	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.029 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

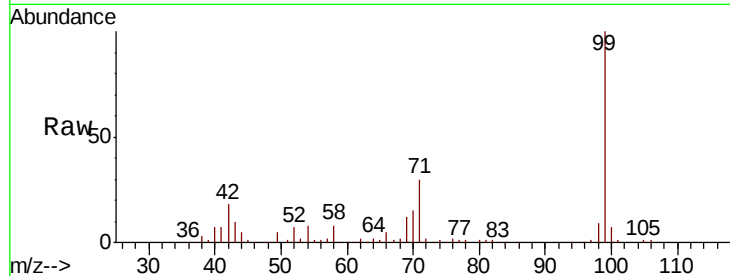
ClientSampleId :

MDL-WATER-03-QT4-2018

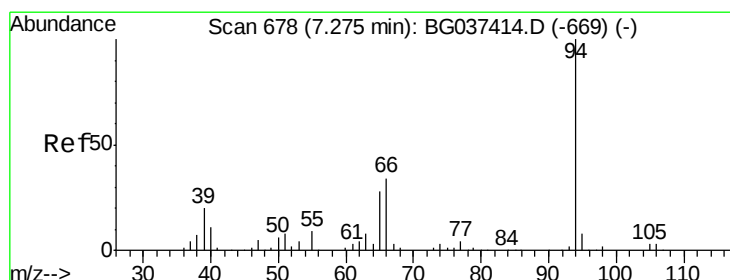
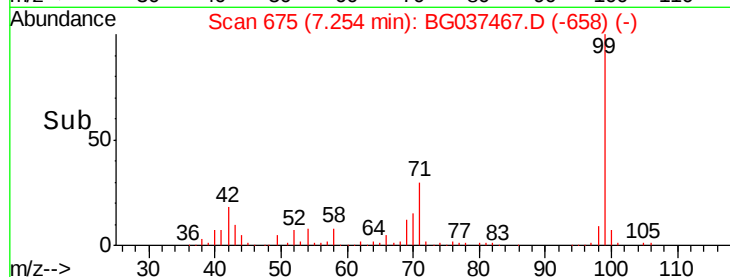
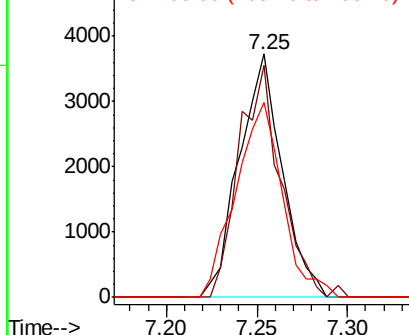
Tgt Ion:	77	Resp:	6161
Ion Ratio	Lower	Upper	
77	100		
105	95.4	72.6	112.6
106	80.0	71.3	111.3

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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: 1.881 ng

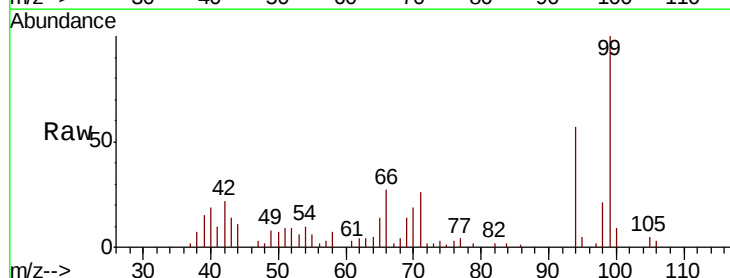
RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

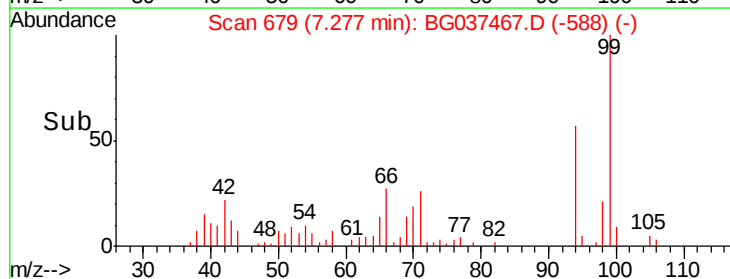
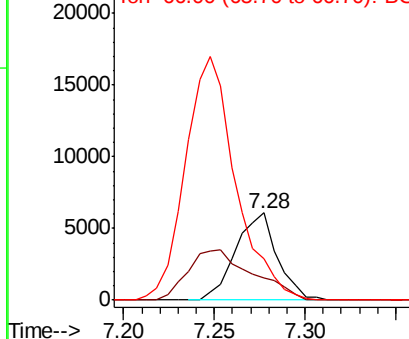
Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	94	Resp:	9632
Ion Ratio	Lower	Upper	
94	100		
65	25.1	9.7	49.7
66	47.7	15.9	55.9



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





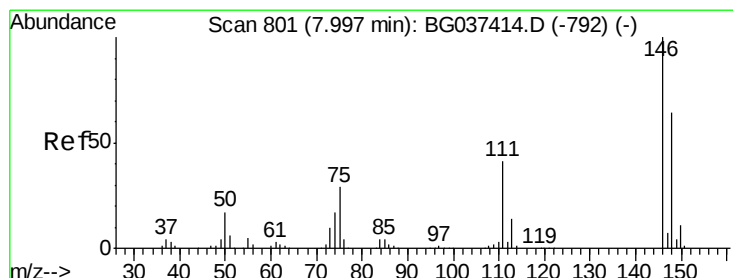
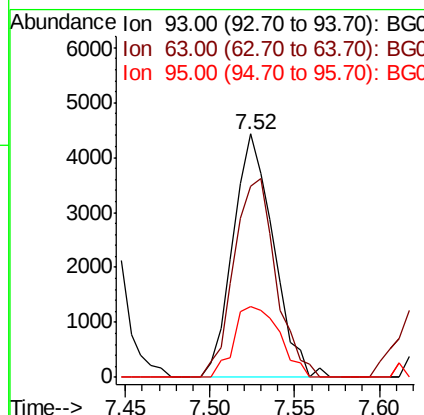
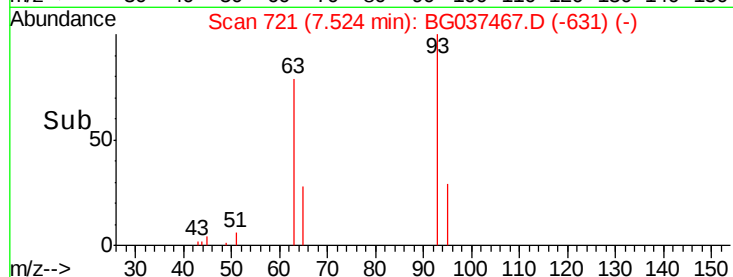
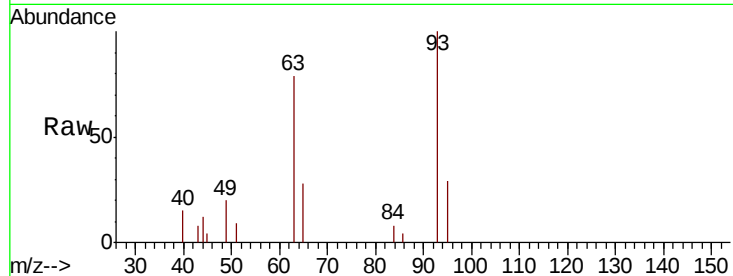
#11
bis(2-Chloroethyl)ether
Concen: 1.892 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion:	93	Resp:	7359
Ion	Ratio	Lower	Upper
93	100		
63	78.6	69.5	109.5
95	29.2	12.6	52.6

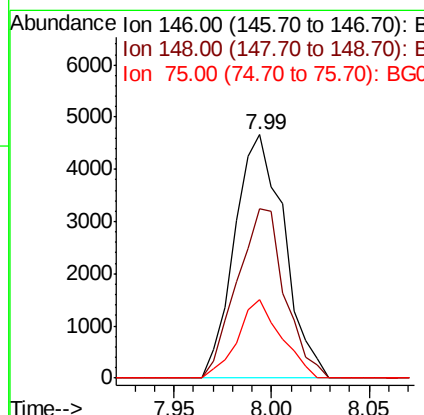
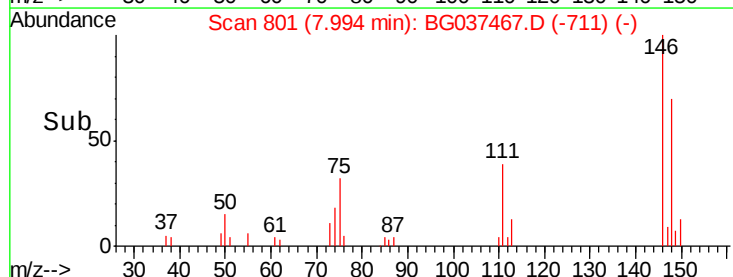
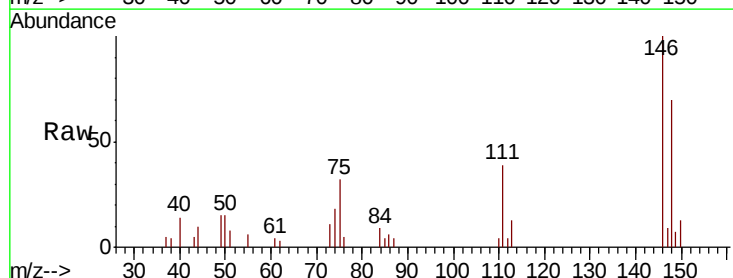
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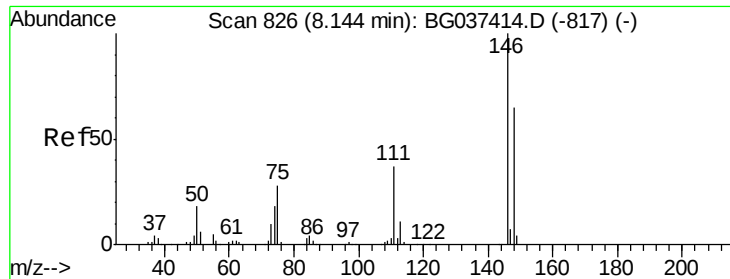
Sohil
10/22/2018 3:39:30 PM



#12
1,3-Dichlorobenzene
Concen: 1.960 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:	146	Resp:	8192
Ion	Ratio	Lower	Upper
146	100		
148	69.8	49.8	74.8
75	32.4	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 2.025 ng m

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

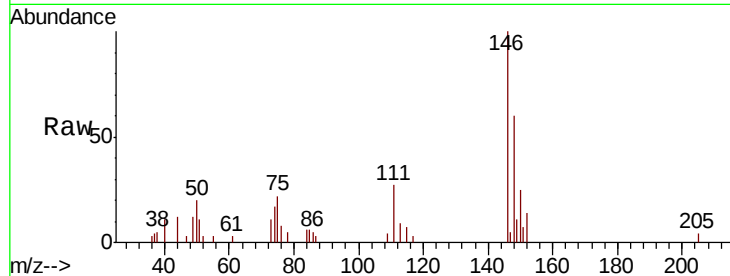
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	51.0	76.6
111	27.0	32.4	48.6

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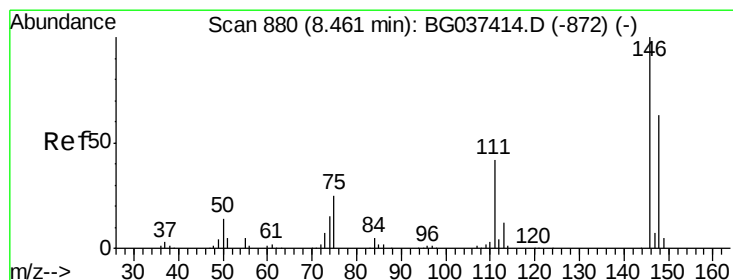
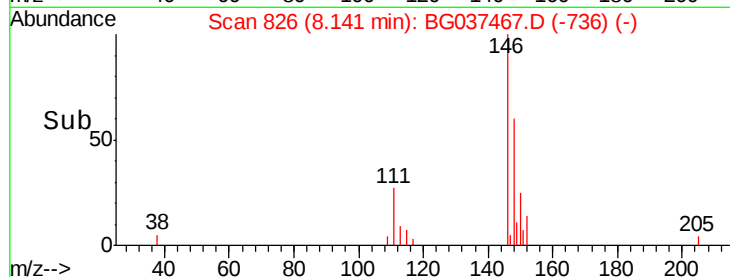
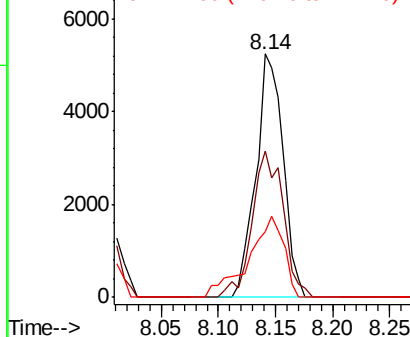


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.060 ng

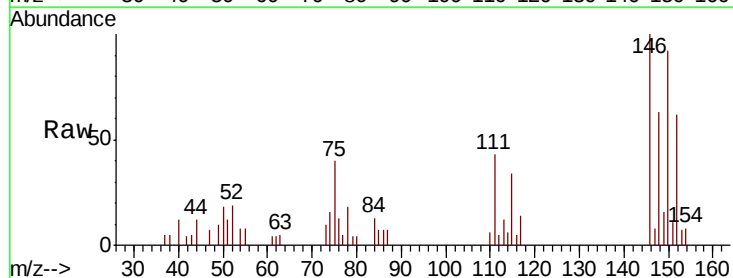
RT: 8.46 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	43.2	34.6	51.8

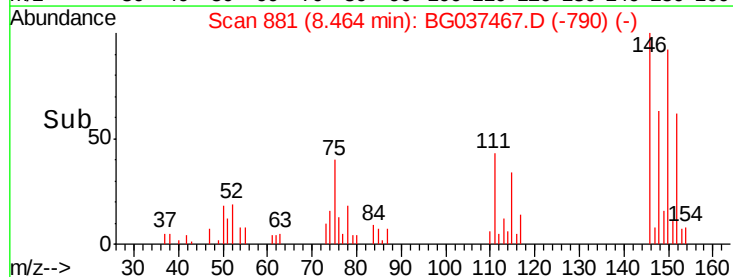
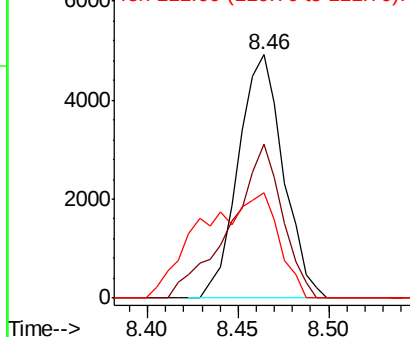


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.711 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 79 Resp: 6137

Ion Ratio Lower Upper

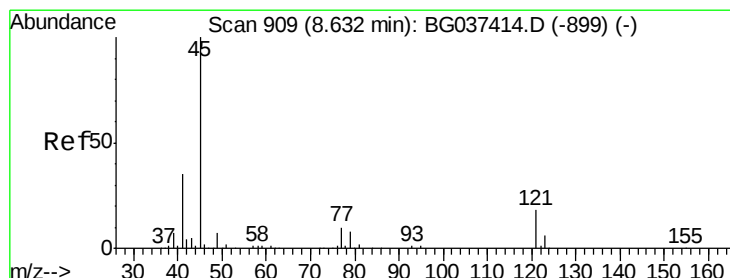
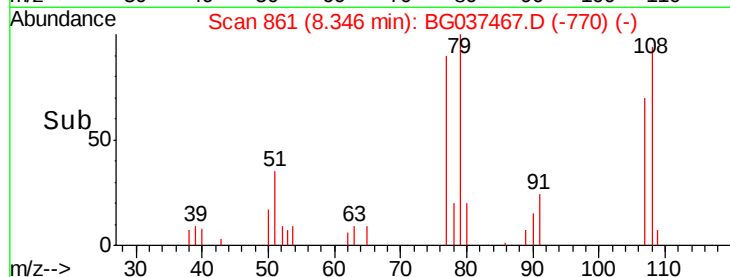
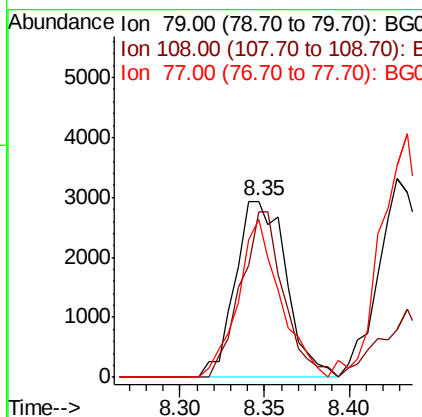
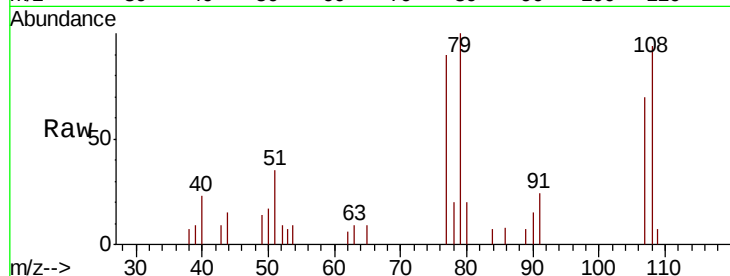
79 100

108 94.1 65.8 98.8

77 89.6 52.9 79.3#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.023 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

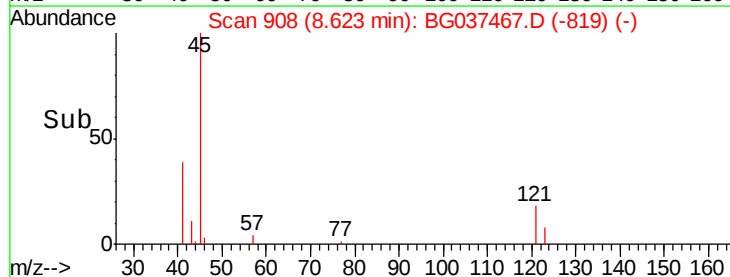
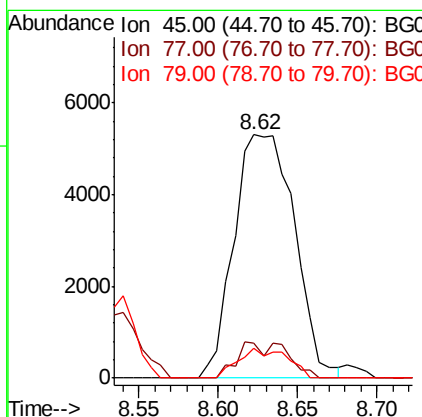
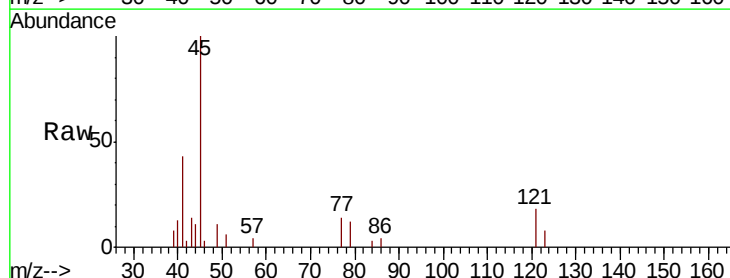
Tgt Ion: 45 Resp: 14081

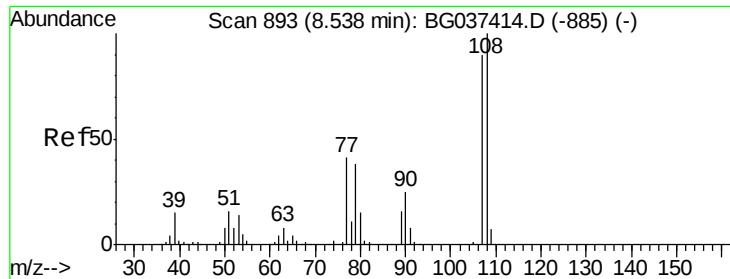
Ion Ratio Lower Upper

45 100

77 14.1 0.0 30.0

79 12.3 0.0 29.0





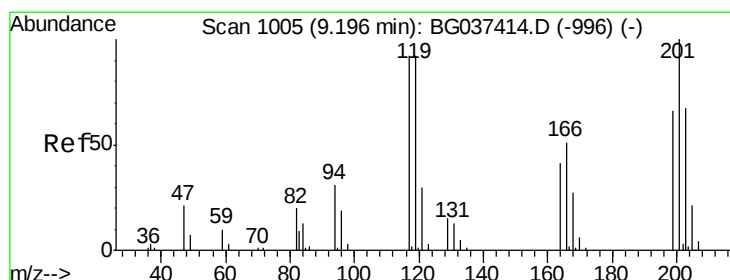
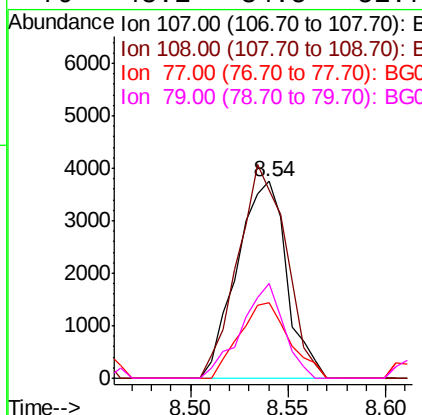
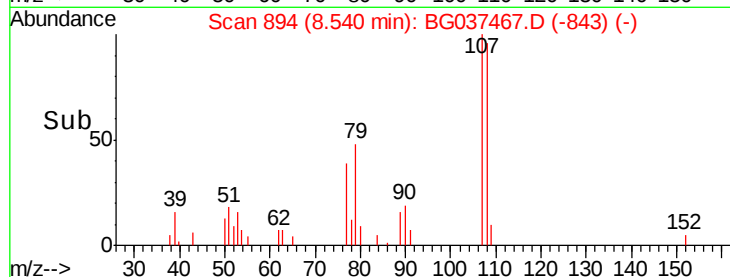
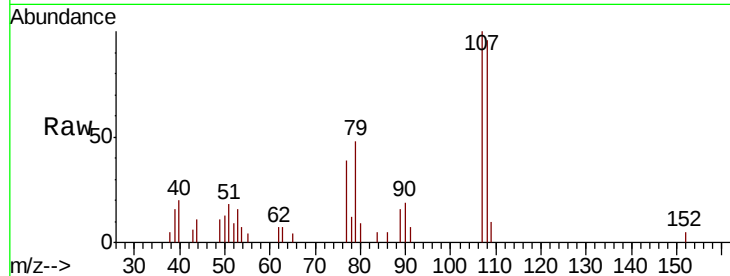
#17
2-Methylphenol
Concen: 1.958 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion:	107	Resp:	6628
Ion Ratio	Lower	Upper	
107	100		
108	96.1	87.9	131.9
77	38.6	35.1	52.7
79	48.1	34.5	51.7

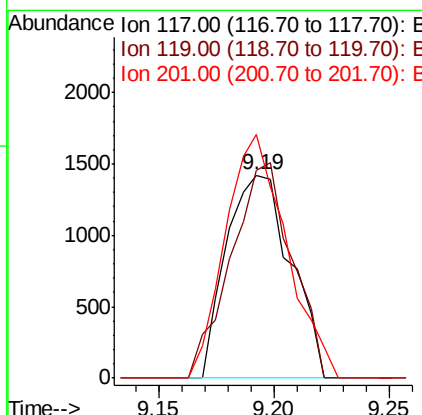
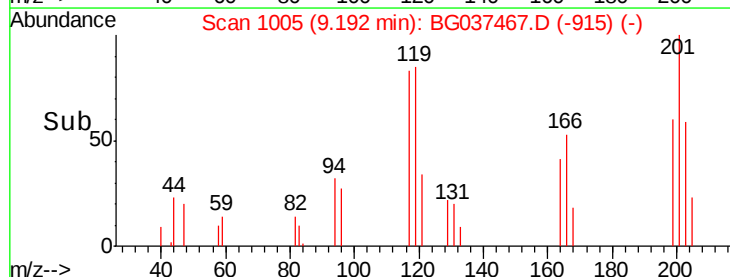
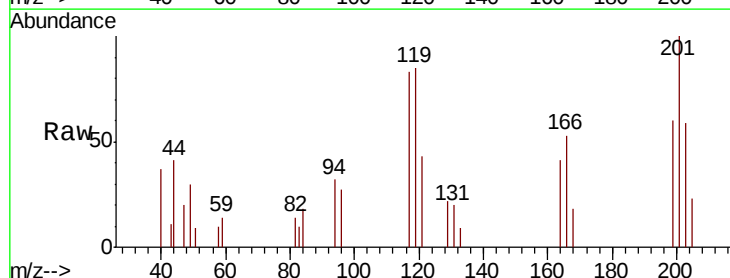
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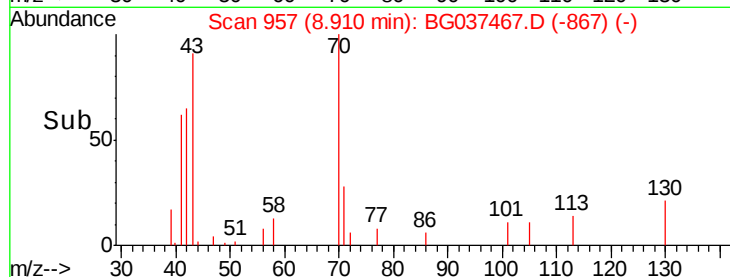
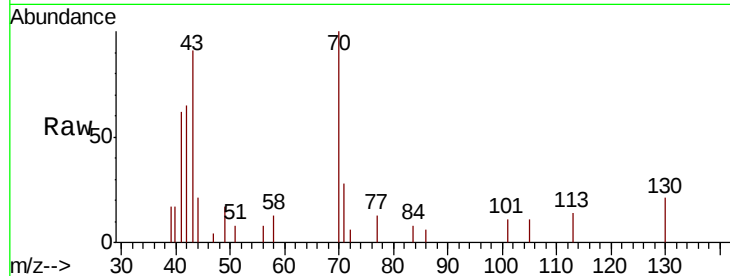
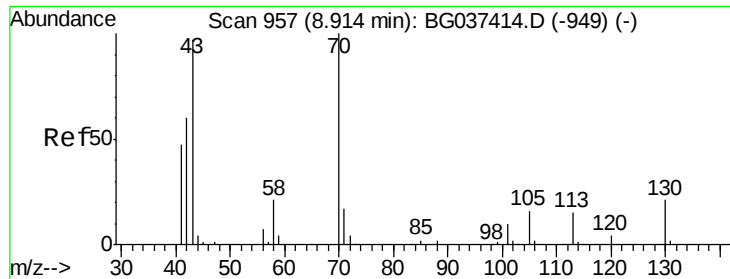
Sohil
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#18
Hexachloroethane
Concen: 1.882 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:	117	Resp:	2744
Ion Ratio	Lower	Upper	
117	100		
119	102.3	74.6	111.8
201	120.0	80.8	121.2





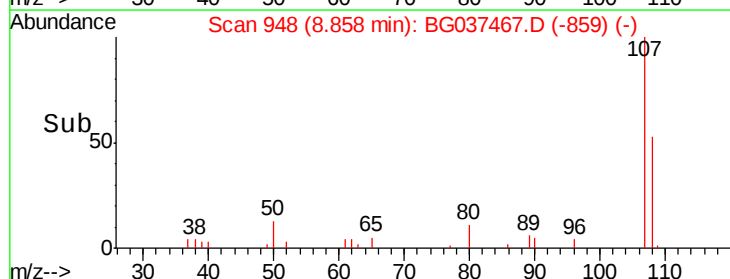
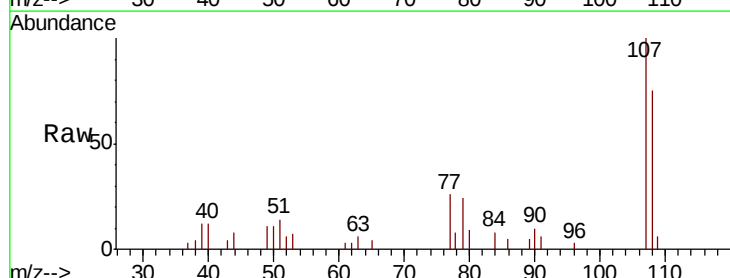
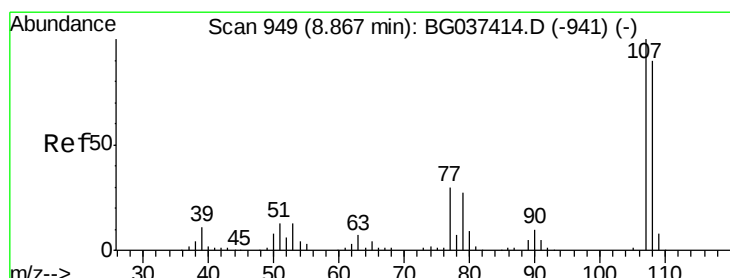
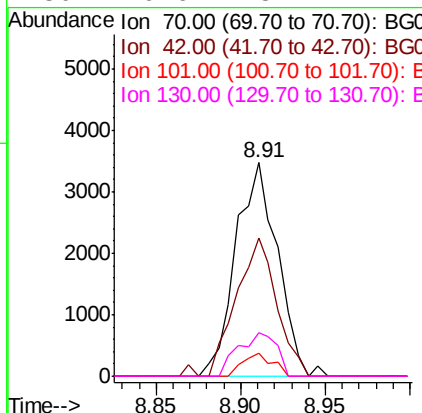
#19
n-Nitroso-di-n-propylamine
Concen: 1.781 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.9	80.9
101	10.7	8.2	12.2
130	20.6	18.2	27.4

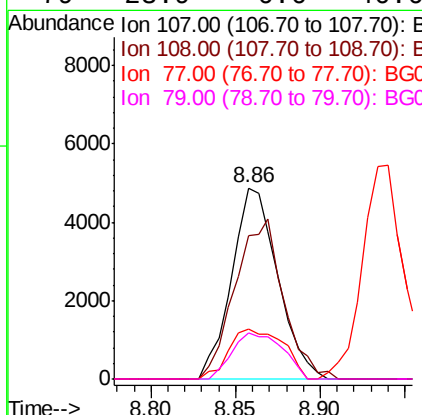
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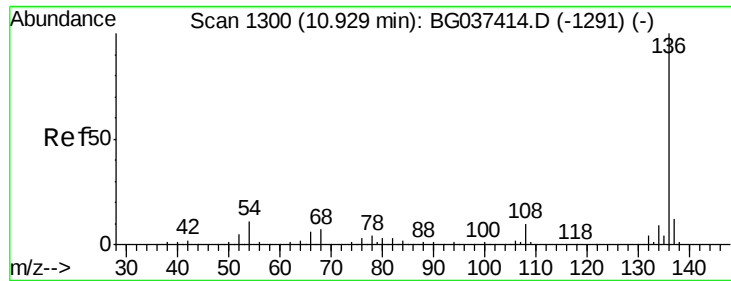
Sohil
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#20
3+4-Methylphenols
Concen: 1.908 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	74.9	69.9	109.9
77	26.2	11.2	51.2
79	23.9	6.6	46.6





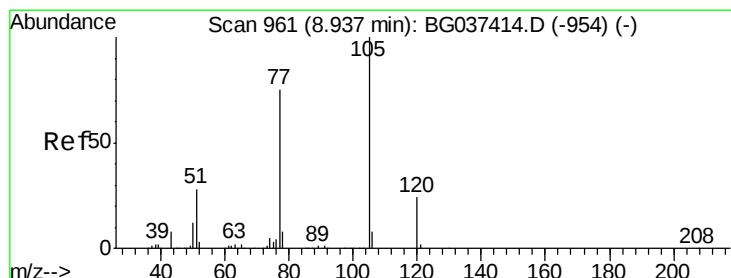
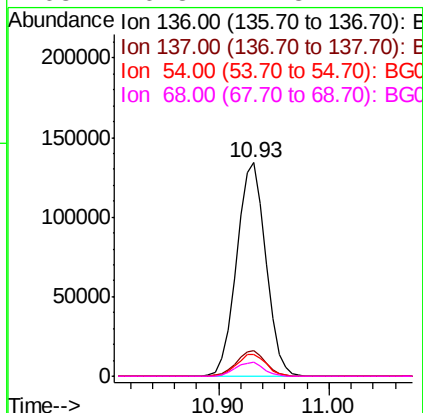
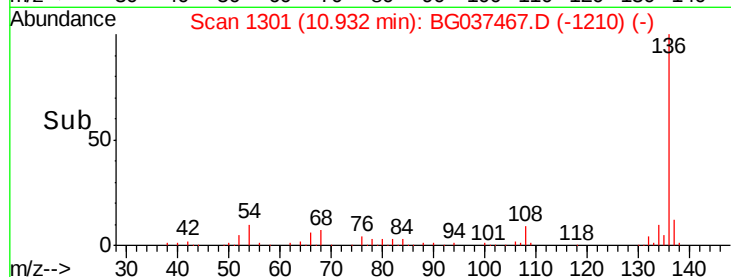
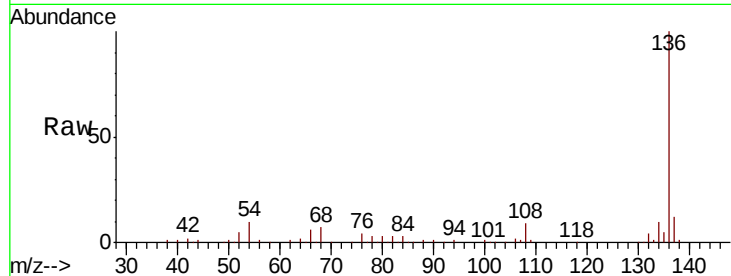
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	248691		
137	12.1	9.6	14.4	
54	10.0	7.9	11.9	
68	6.8	4.8	7.2	

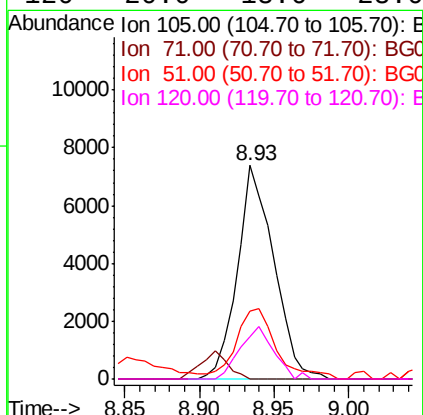
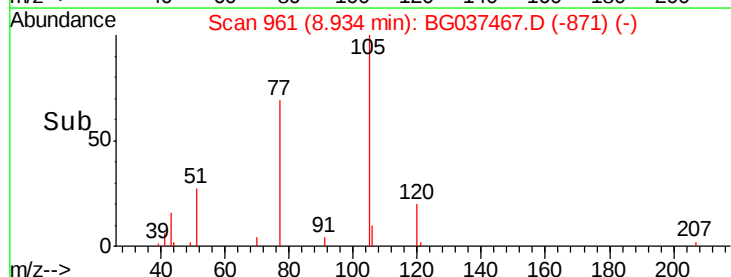
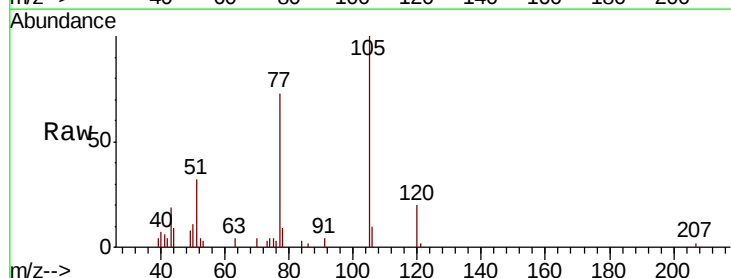
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#22
Acetophenone
Concen: 1.999 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	12466		
71	0.0	1.2	1.8#	
51	31.8	25.0	37.6	
120	20.0	18.6	28.0	





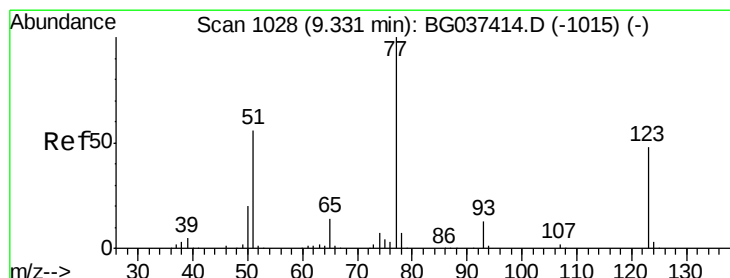
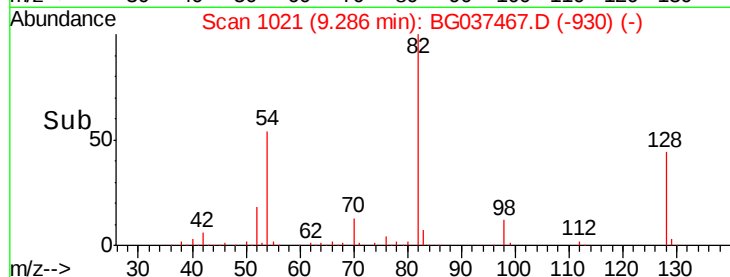
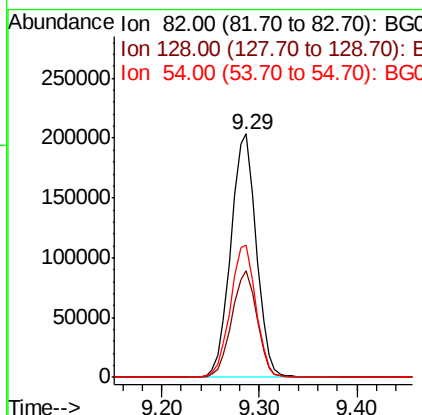
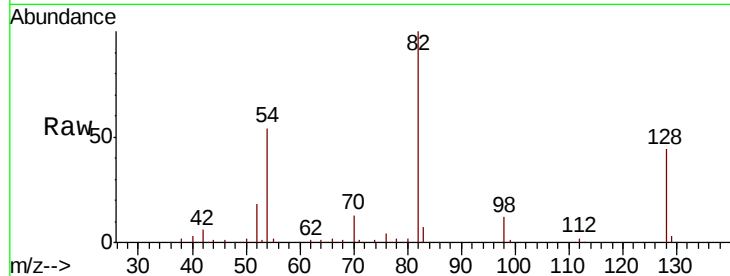
#23
 Nitrobenzene-d5
 Concen: 83.211 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	369409		
128	43.9	34.6	51.8	
54	54.3	45.3	67.9	

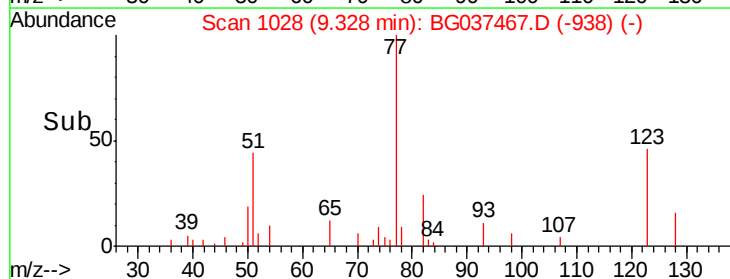
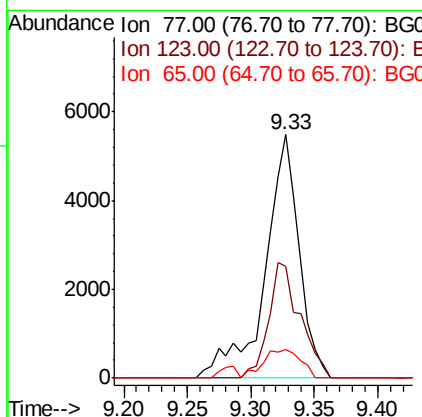
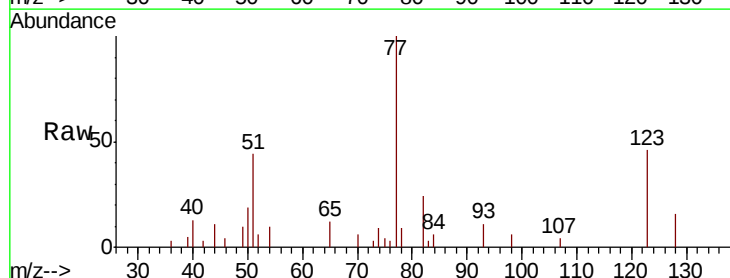
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#24
 Nitrobenzene
 Concen: 2.213 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	10207		
123	45.7	33.6	50.4	
65	12.0	11.3	16.9	





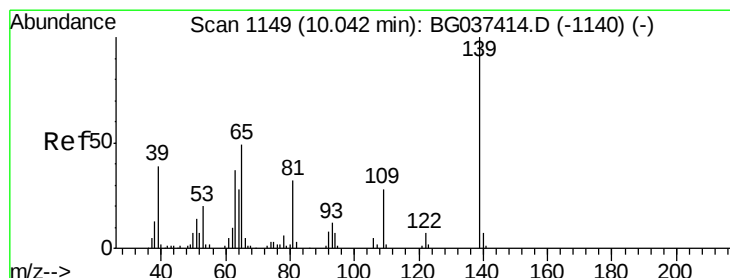
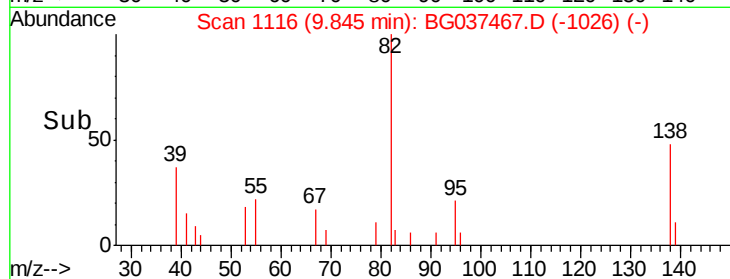
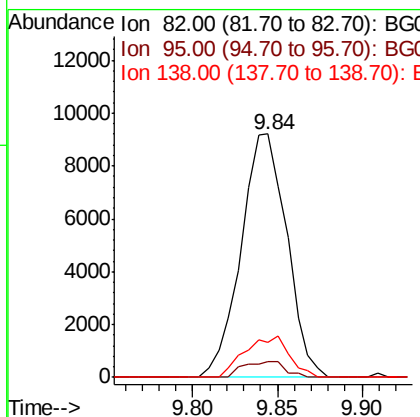
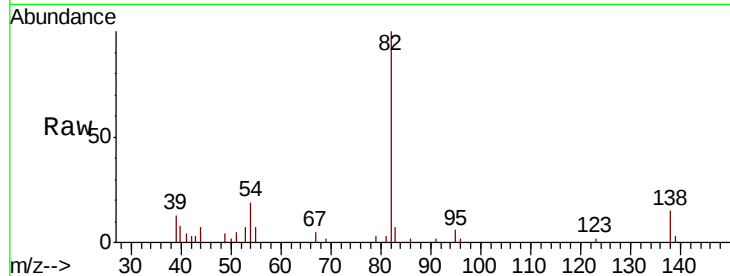
#25
Isophorone
Concen: 2.141 ng
RT: 9.84 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	17363		
95	6.5	5.3	7.9	
138	14.5	13.3	19.9	

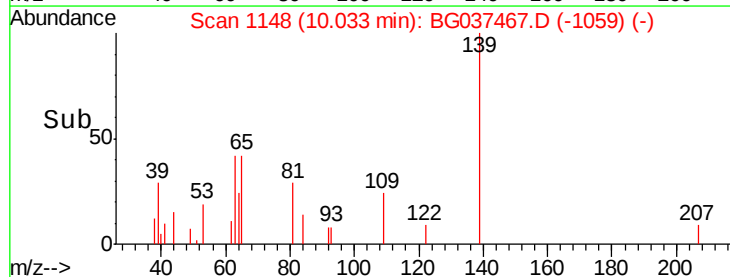
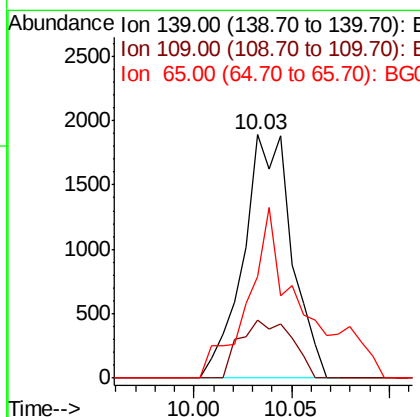
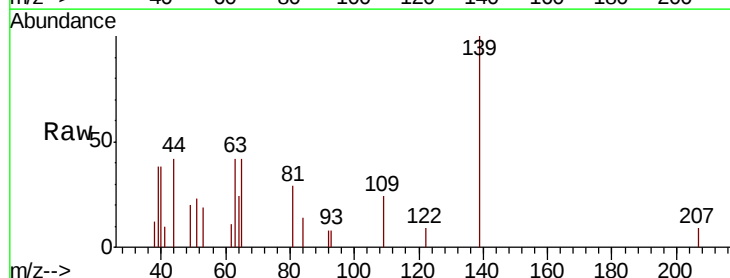
Manual Integrations
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#26
2-Nitrophenol
Concen: 1.562 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	3245		
109	23.9	23.3	34.9	
65	41.5	39.8	59.8	





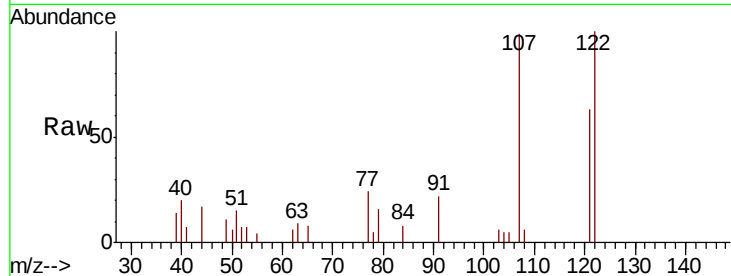
#27
2,4-Dimethylphenol
Concen: 2.015 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	99.1	94.2	141.2
121	63.1	47.3	70.9

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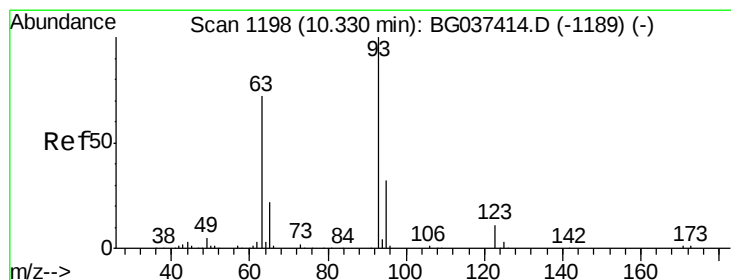
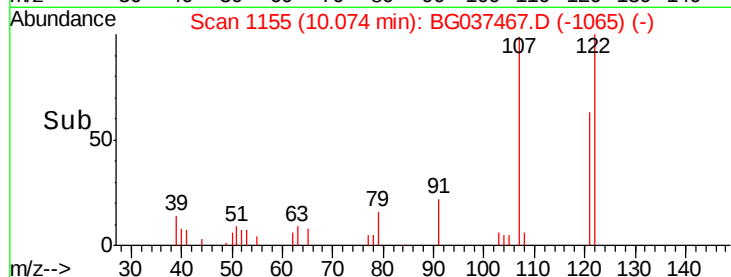
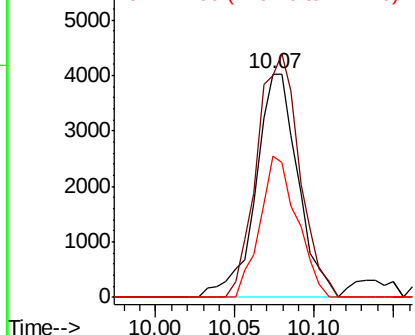


Abundance

Ion 122.00 (121.70 to 122.70): E

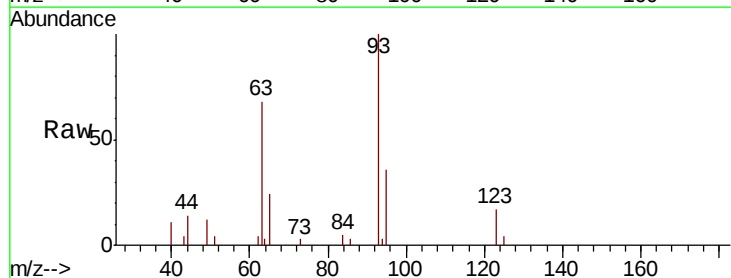
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 1.987 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.4	24.6	37.0
123	17.0	9.1	13.7

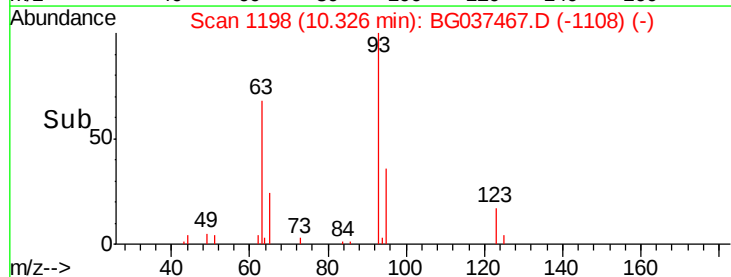
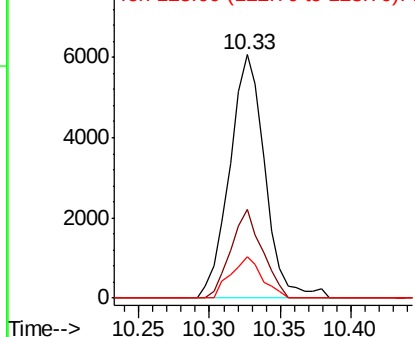


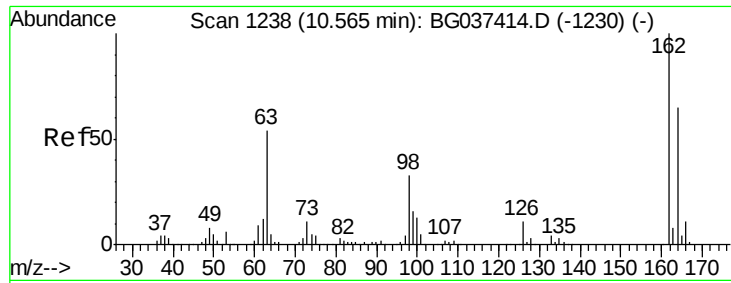
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





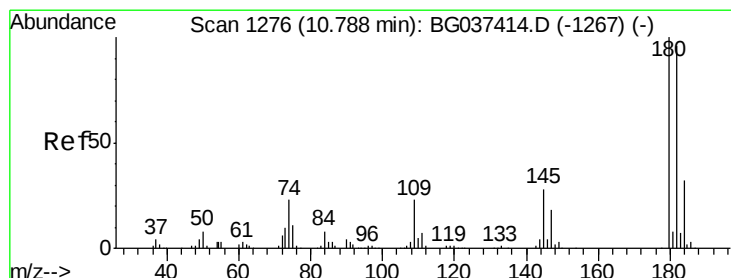
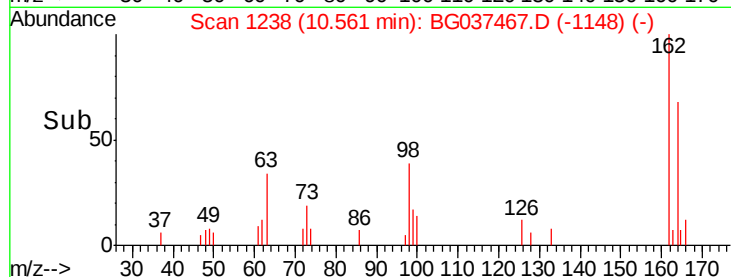
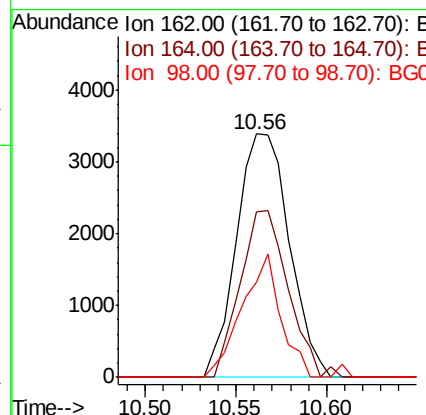
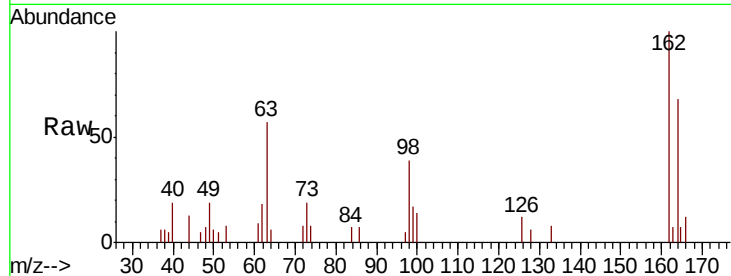
#29
 2,4-Dichlorophenol
 Concen: 1.662 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	75.3	43.2	83.2
98	38.9	16.0	56.0

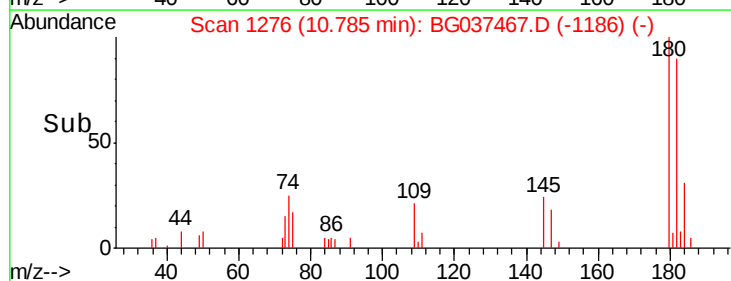
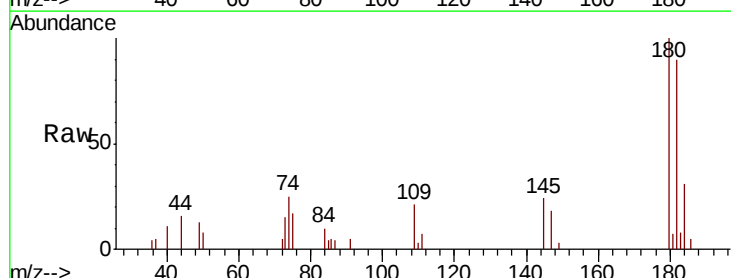
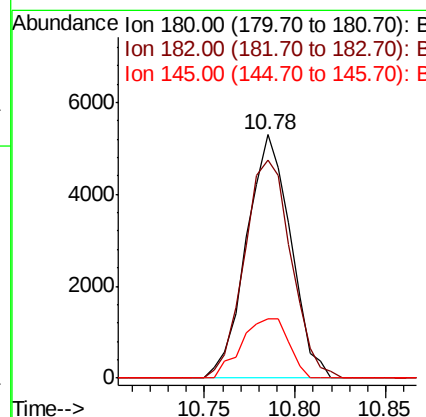
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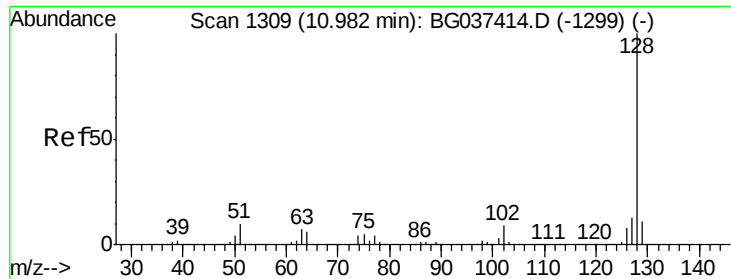
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#30
 1,2,4-Trichlorobenzene
 Concen: 1.993 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	89.7	77.7	116.5
145	24.2	23.3	34.9





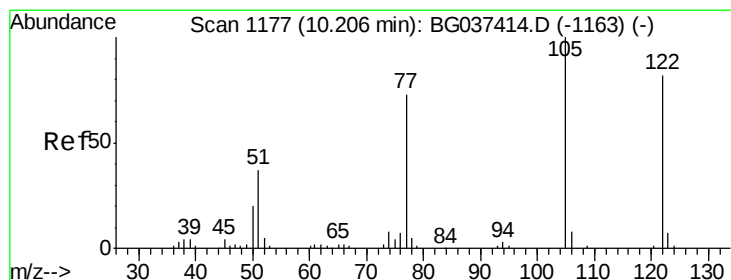
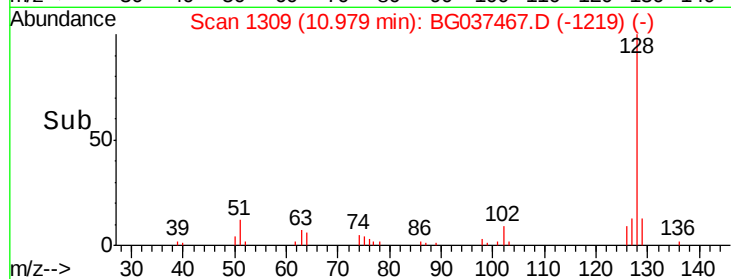
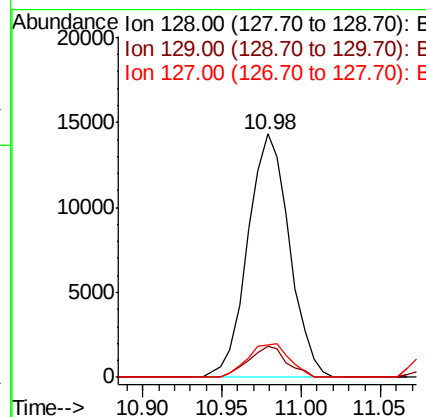
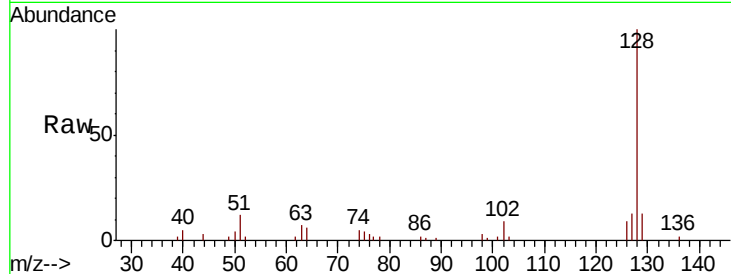
#31
Naphthalene
Concen: 2.141 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.8	9.0	13.6
127	13.1	11.1	16.7

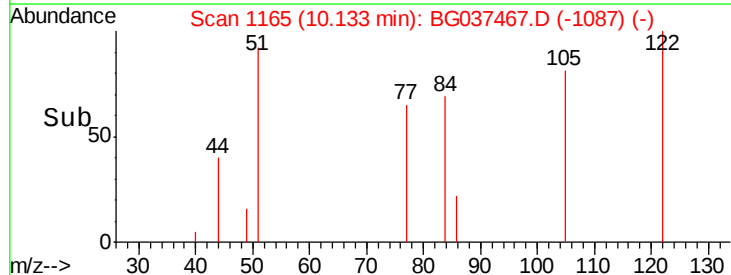
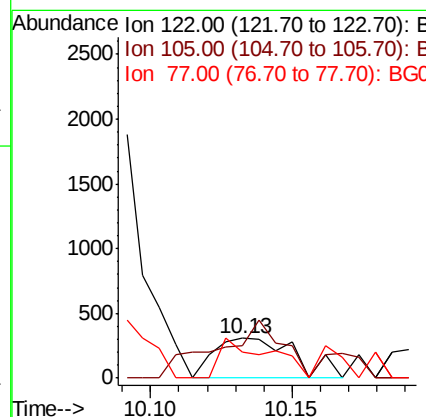
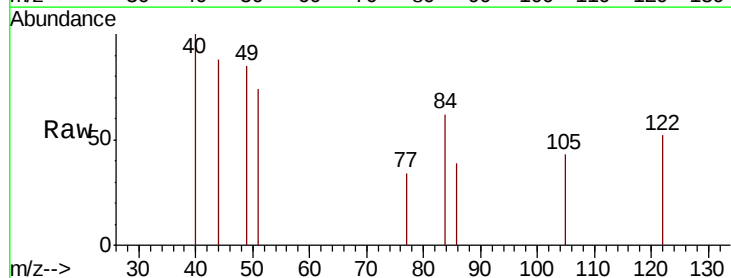
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#32
Benzoic acid
Concen: 0.256 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	81.2	106.7	146.7#
77	64.9	72.2	112.2#





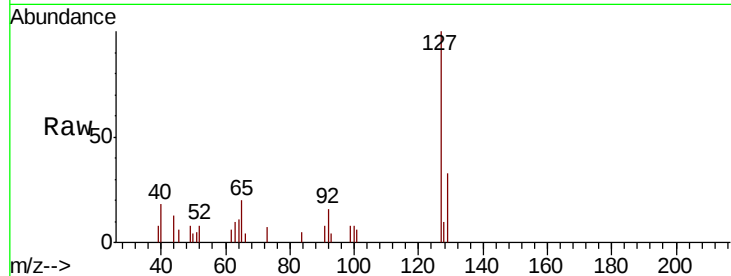
#33
4-Chloroaniline
Concen: 1.328 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

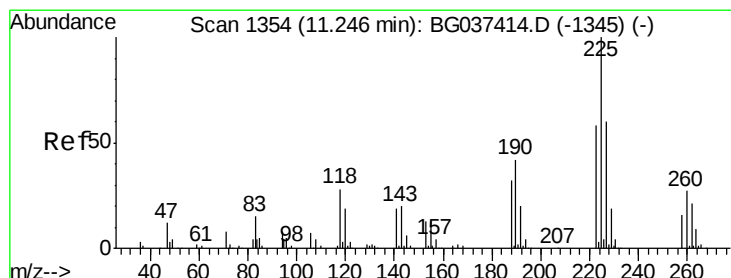
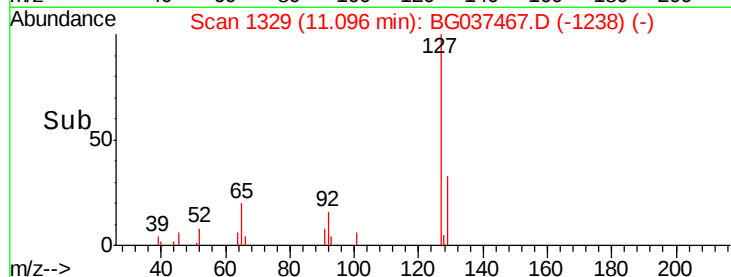
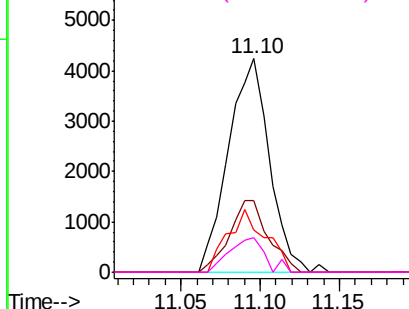
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	7619		
129	33.5	27.1	40.7	
65	19.7	26.6	39.8	
92	16.0	16.4	24.6	

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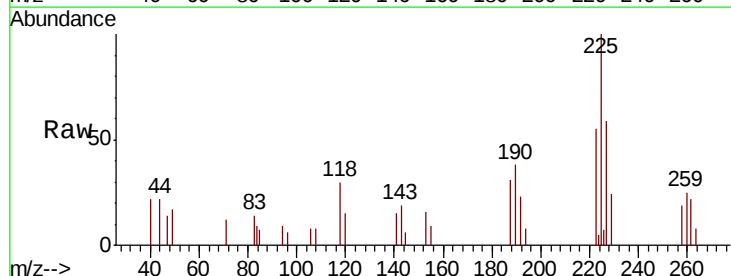


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

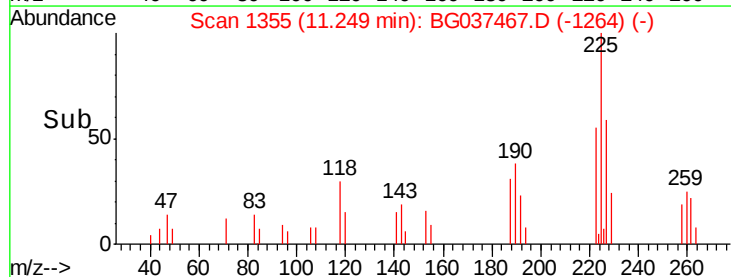
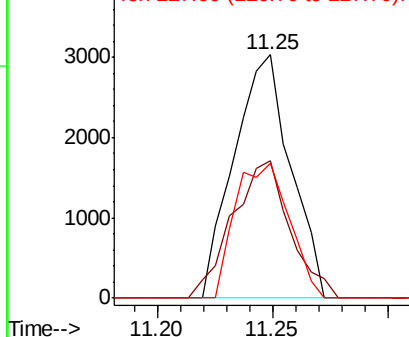


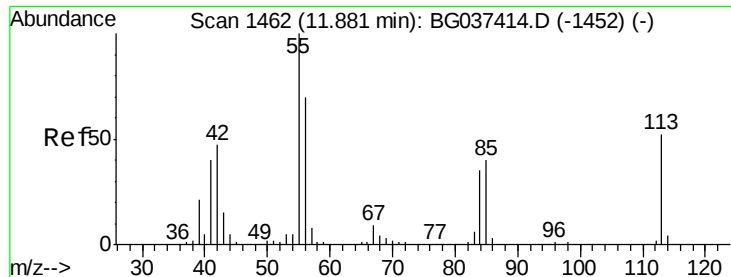
#34
Hexachlorobutadiene
Concen: 1.940 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	5164		
223	56.6	48.2	72.4	
227	55.6	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: 1.161 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:113 Resp: 1923

Ion Ratio Lower Upper

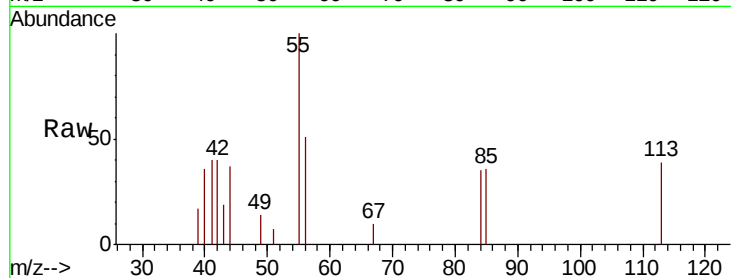
113 100

55 257.7 176.6 216.6#

56 131.3 128.3 168.3

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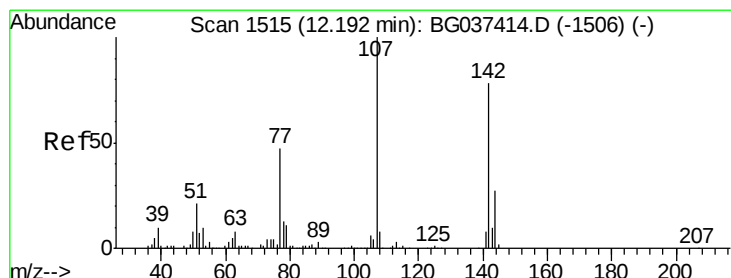
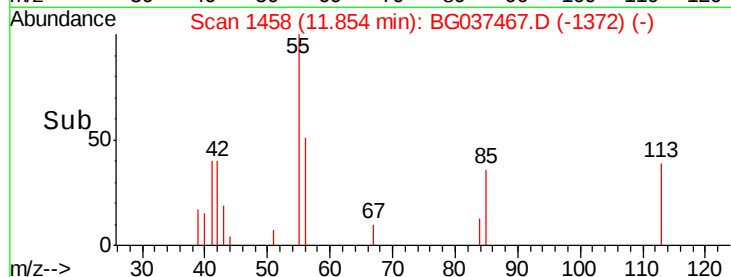
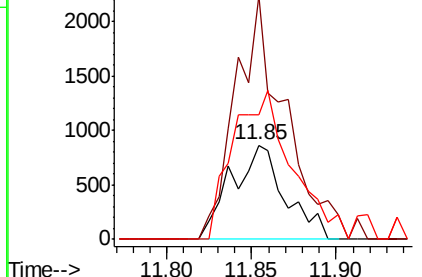
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 1.576 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:107 Resp: 7341

Ion Ratio Lower Upper

107 100

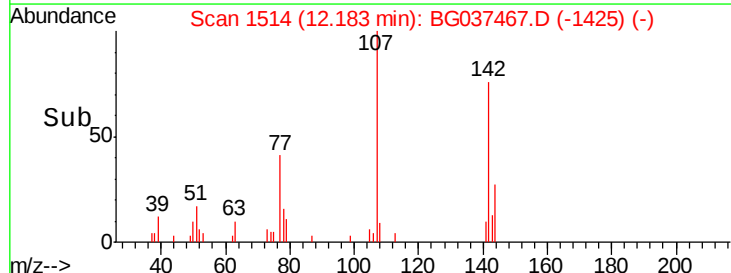
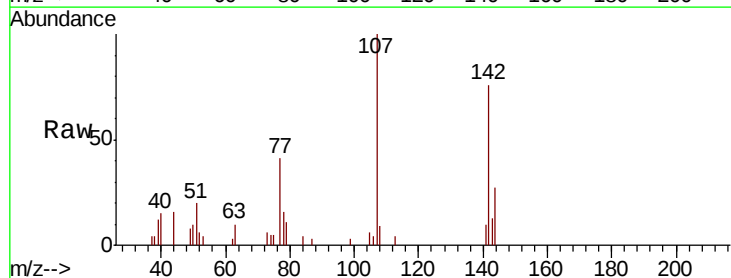
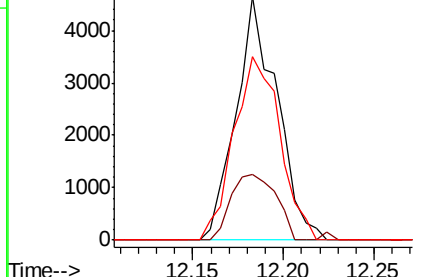
144 26.7 20.7 31.1

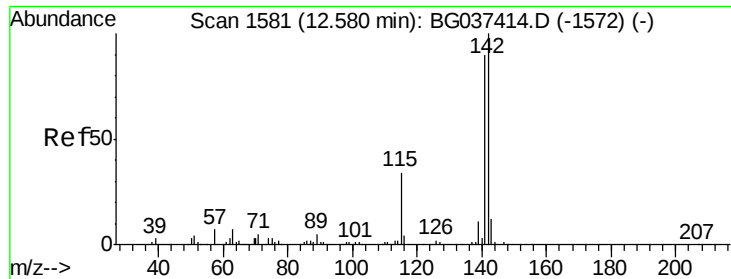
142 75.5 64.4 96.6

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





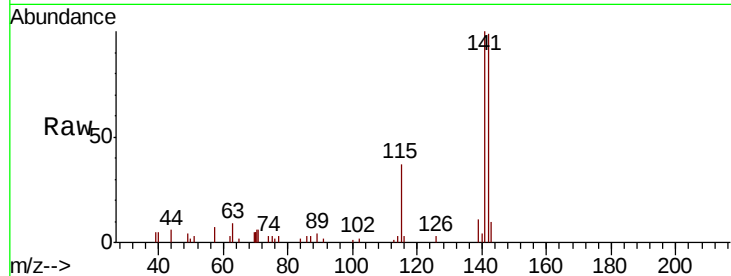
#37
2-Methylnaphthalene
Concen: 2.211 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	19689		
141	100.6	71.9	107.9	
115	36.8	27.8	41.8	

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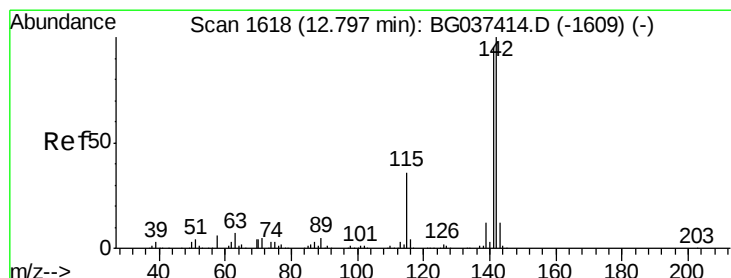
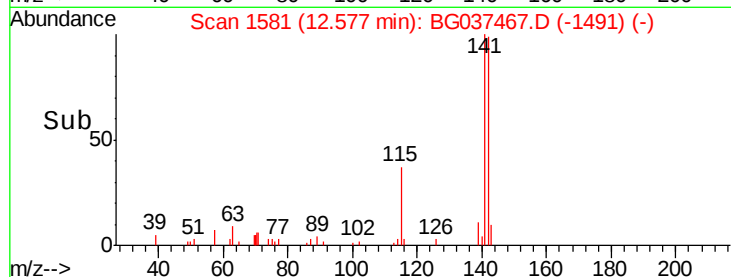
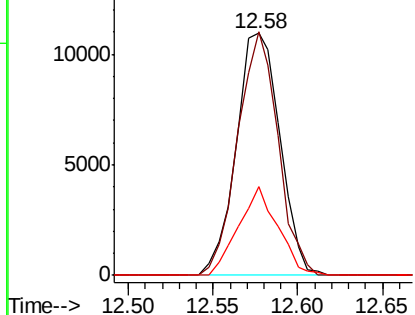


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 2.271 ng
RT: 12.80 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

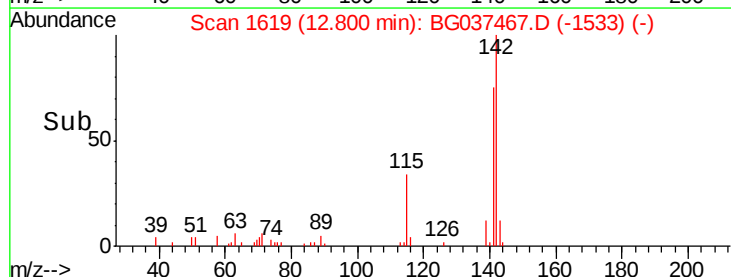
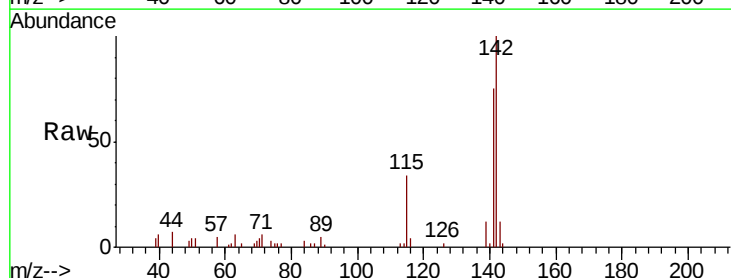
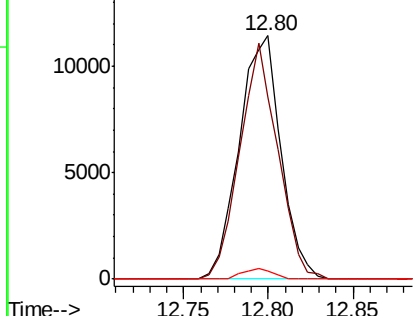
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	19636		
141	75.0	75.2	112.8#	
116	3.6	3.3	4.9	

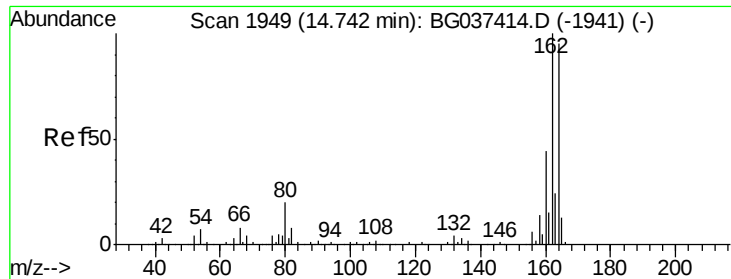
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

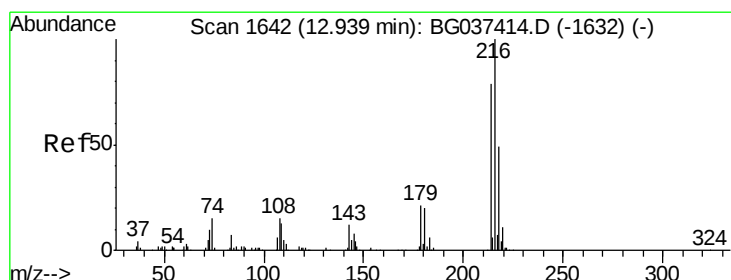
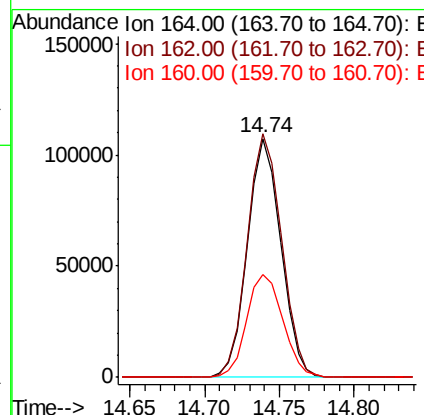
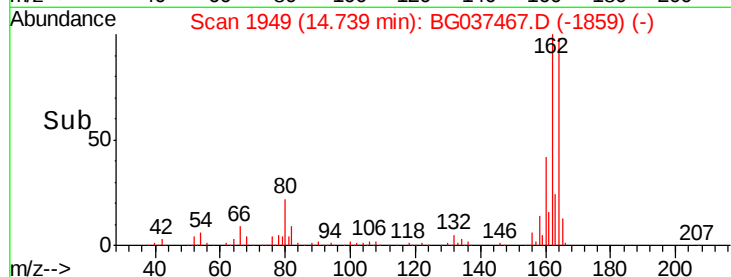
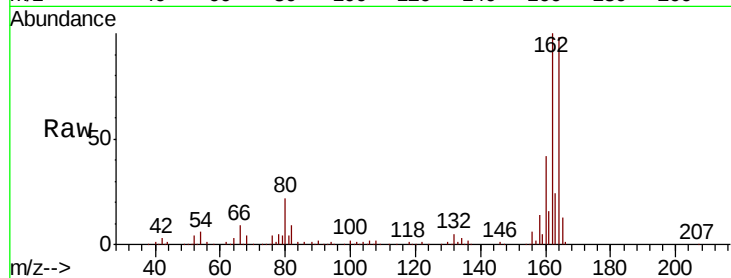
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	164	Resp:	166475
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.3	121.9
160	42.9	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 1.932 ng

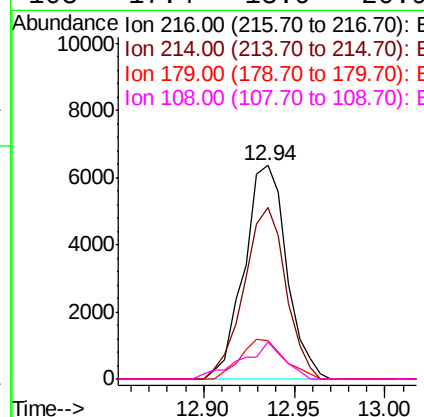
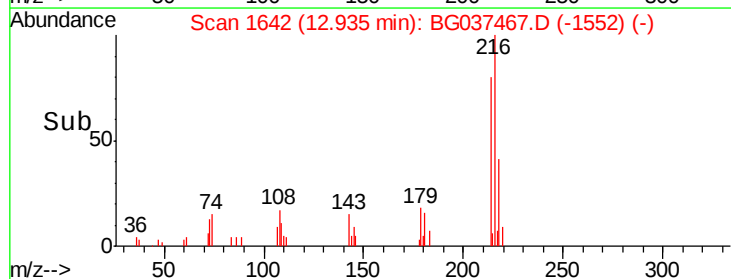
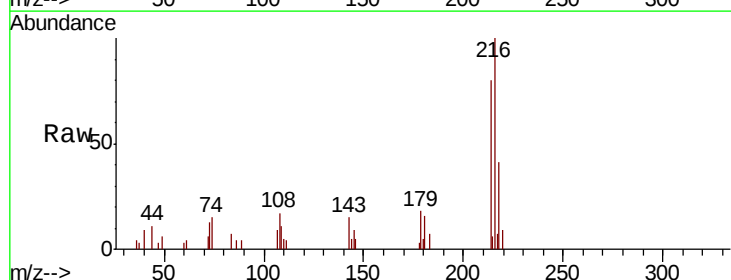
RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	216	Resp:	10374
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.8	95.6
179	19.1	17.4	26.0
108	17.4	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 1.707 ng

RT: 12.91 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

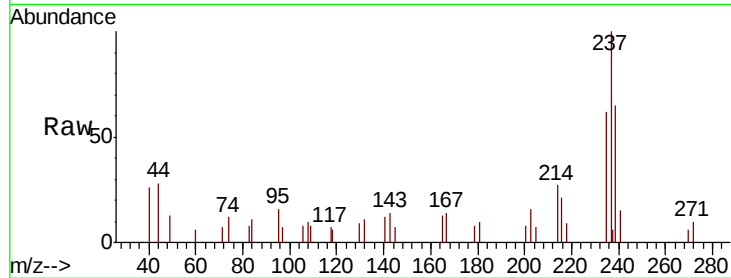
ClientSampleId :

MDL-WATER-03-QT4-2018

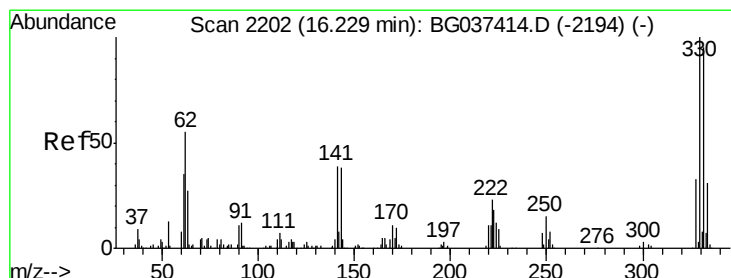
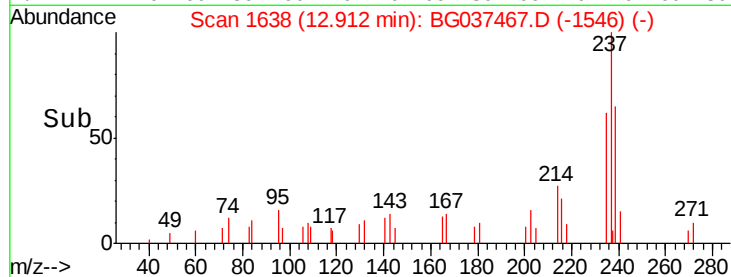
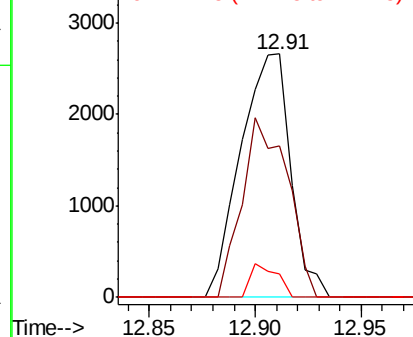
Tgt Ion:	237	Resp:	4378
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.5	82.5
272	9.8	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 130.419 ng

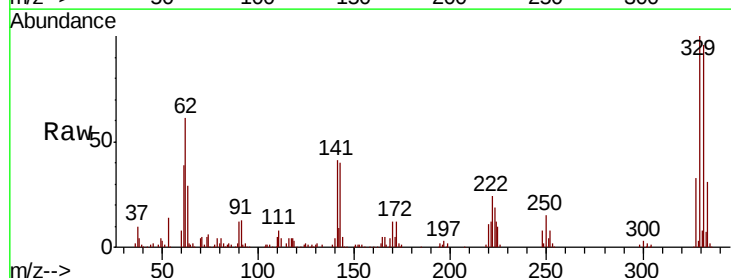
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

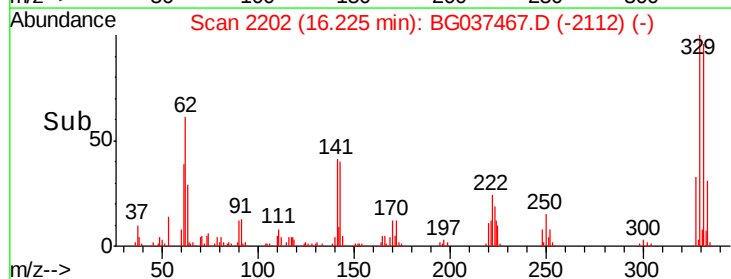
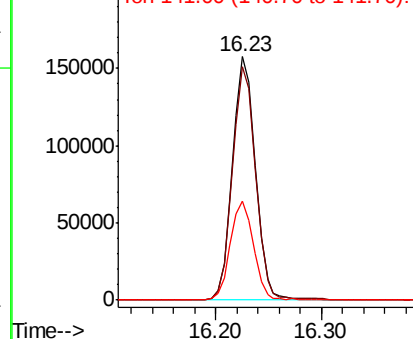
Lab File: BG037467.D

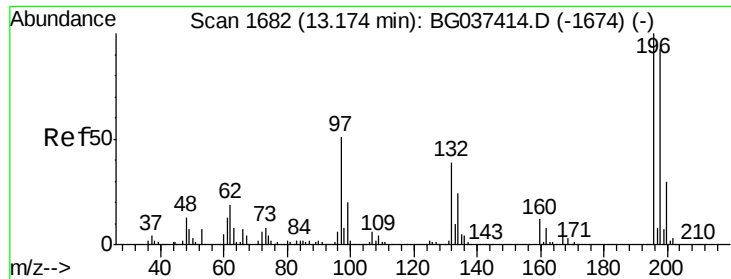
Acq: 20 Oct 2018 1:43

Tgt Ion:	330	Resp:	236805
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.4	117.6
141	41.1	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





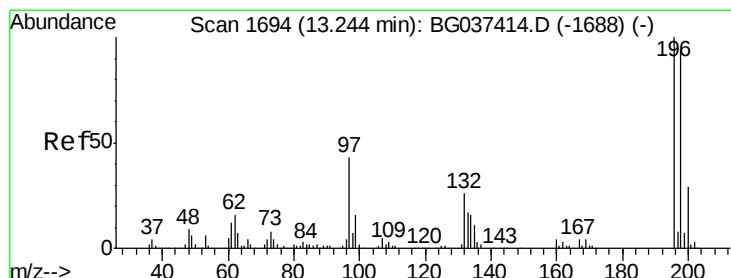
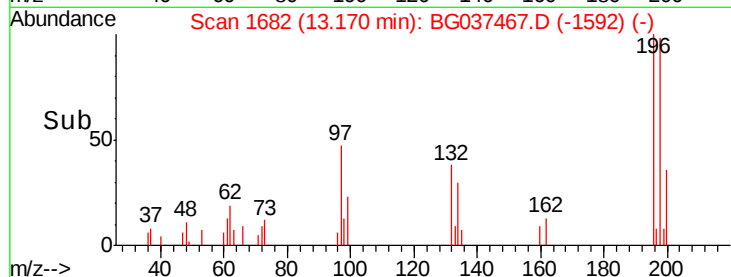
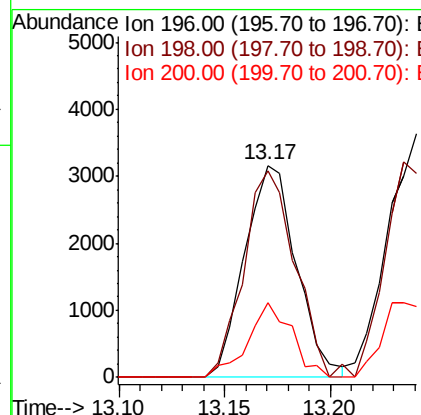
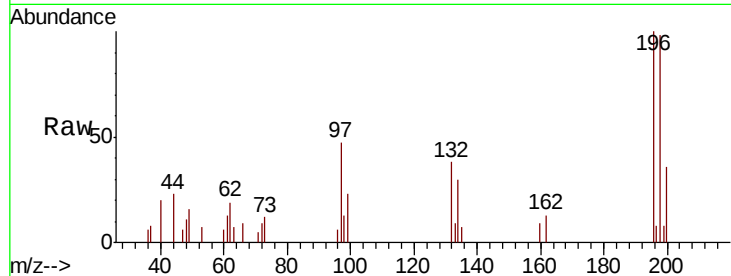
#43
 2,4,6-Trichlorophenol
 Concen: 1.506 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	5402		
198	90.2	76.4	114.6	
200	32.8	24.9	37.3	

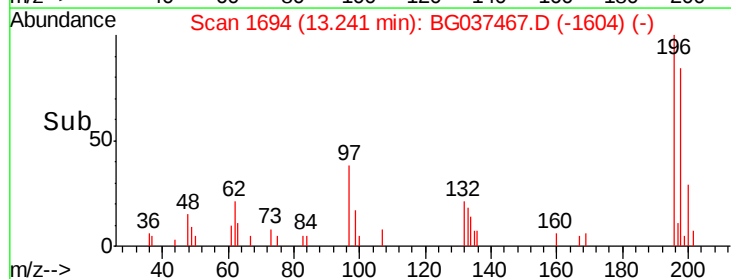
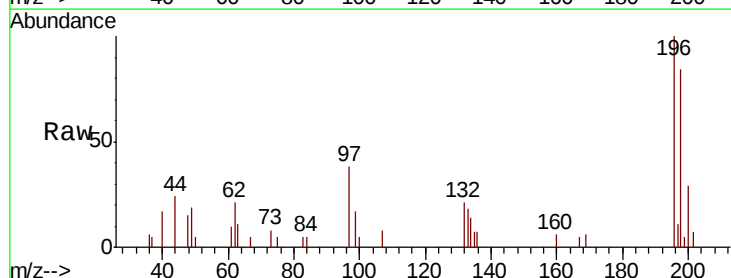
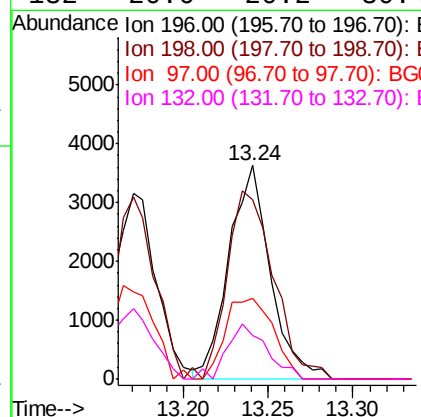
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 1.590 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	6211		
198	84.0	74.2	111.2	
97	37.6	34.1	51.1	
132	20.6	20.2	30.4	





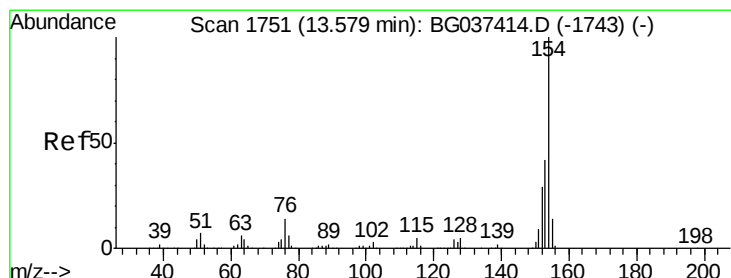
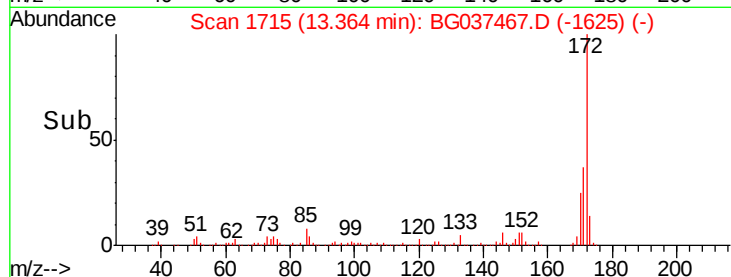
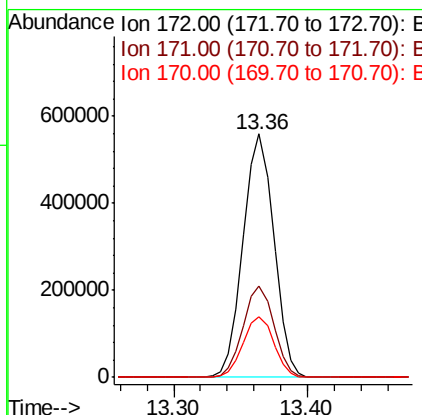
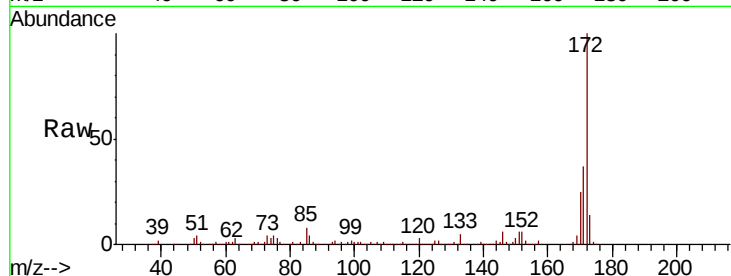
#45
2-Fluorobiphenyl
Concen: 80.862 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	892711		
171	37.4	31.0	46.4	
170	24.9	20.2	30.2	

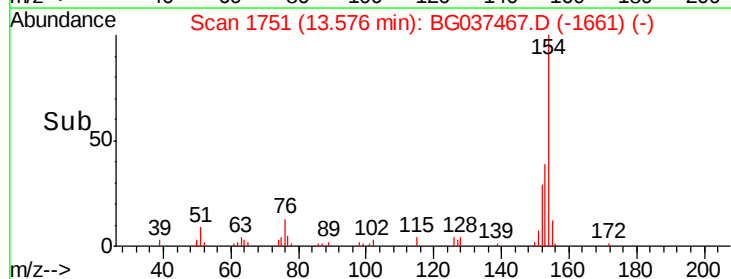
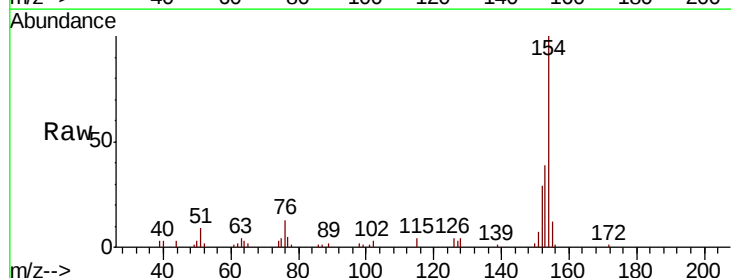
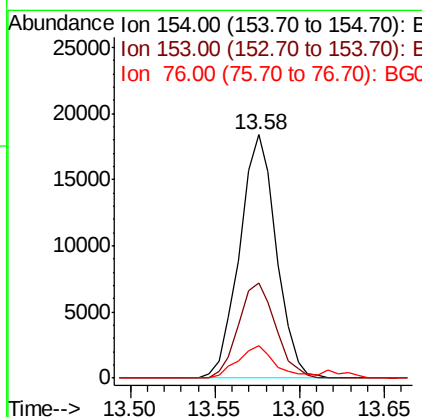
Manual Integrations
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#46
1,1'-Biphenyl
Concen: 2.016 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	27794		
153	39.1	22.1	62.1	
76	13.3	0.0	33.2	





#47

2-Chloronaphthalene

Concen: 2.044 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

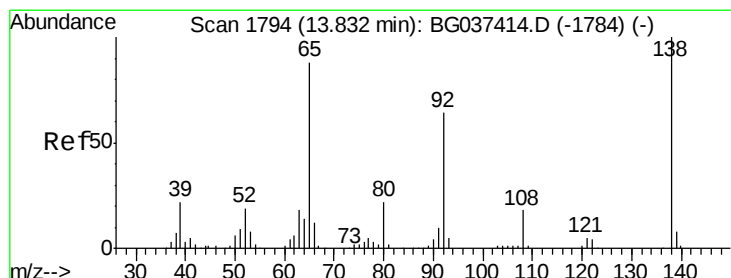
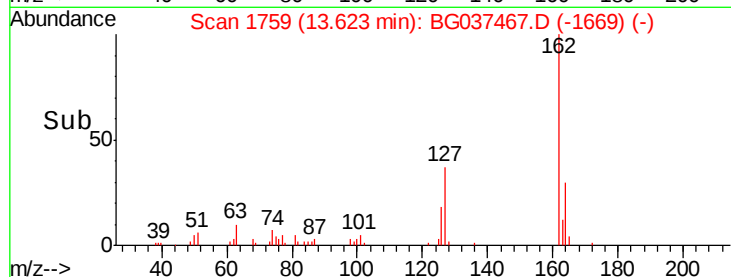
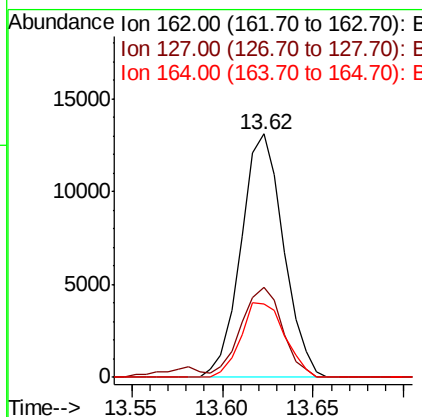
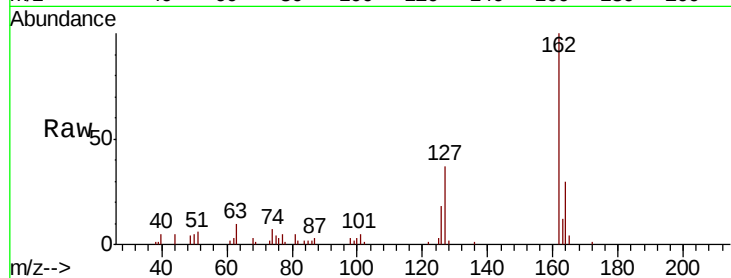
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	162	Resp:	21319
Ion Ratio	Lower	Upper	
162	100		
127	37.2	30.5	45.7
164	30.0	26.4	39.6

Manual Integrations
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#48

2-Nitroaniline

Concen: 1.498 ng

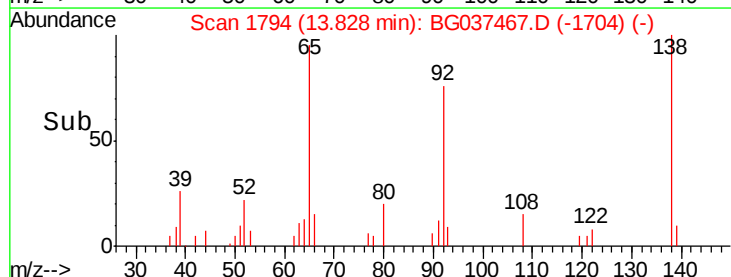
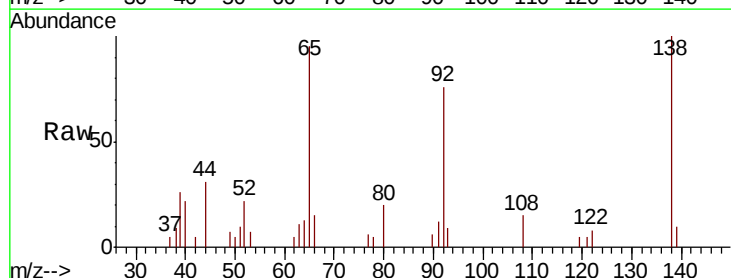
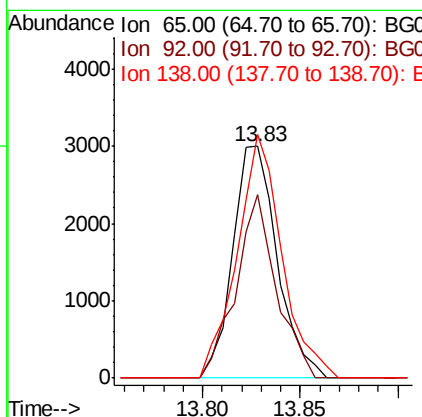
RT: 13.83 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	65	Resp:	4737
Ion Ratio	Lower	Upper	
65	100		
92	79.4	53.2	79.8
138	105.1	79.3	118.9





#49

Acenaphthylene

Concen: 2.151 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

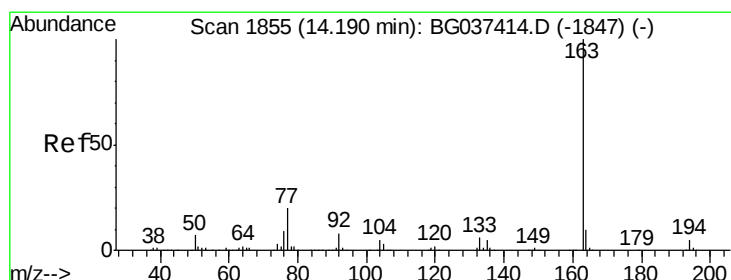
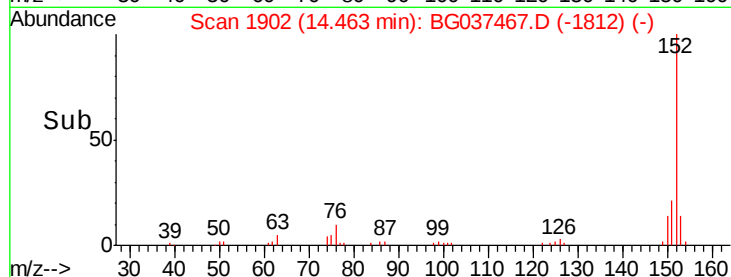
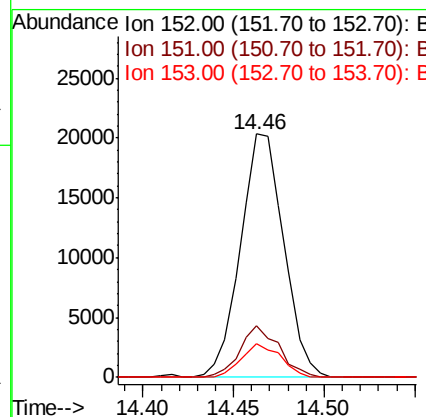
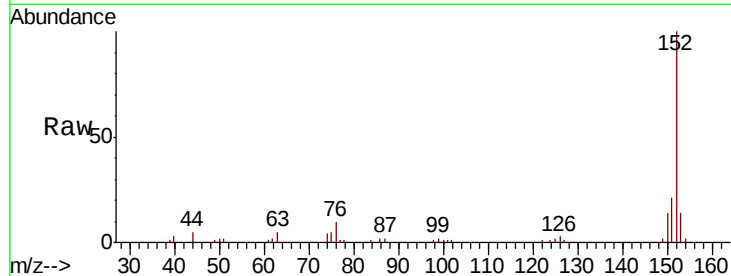
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	152	Resp:	33747
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.1	25.7
153	13.8	11.1	16.7

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#50

Dimethylphthalate

Concen: 2.076 ng

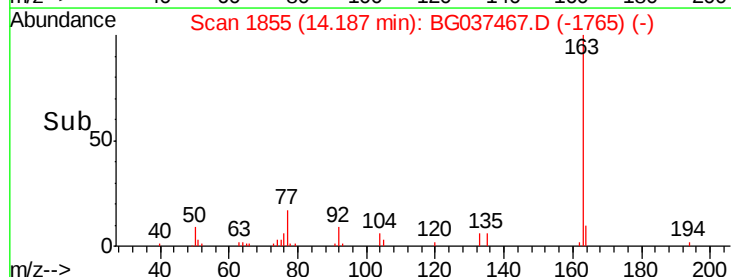
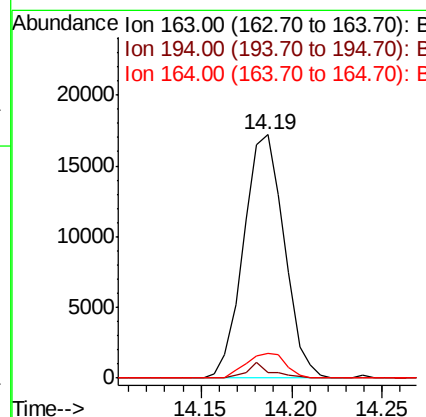
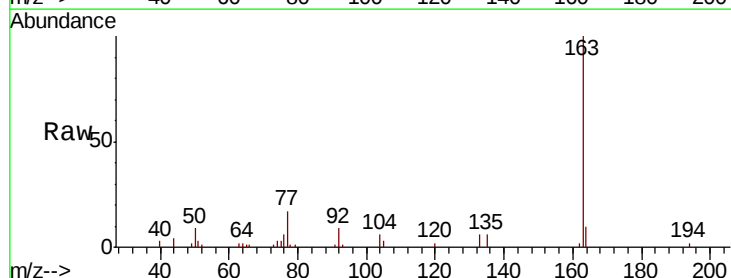
RT: 14.19 min Scan# 1855

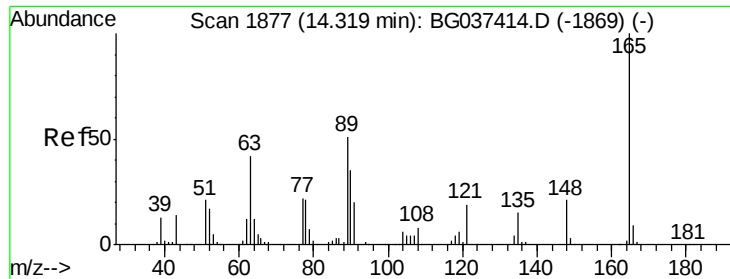
Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	163	Resp:	26736
Ion Ratio	Lower	Upper	
163	100		
194	2.3	3.5	5.3#
164	10.2	8.5	12.7





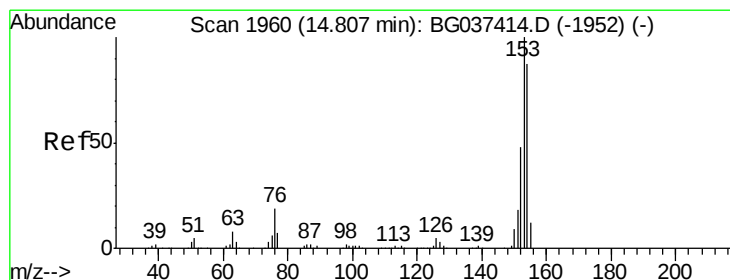
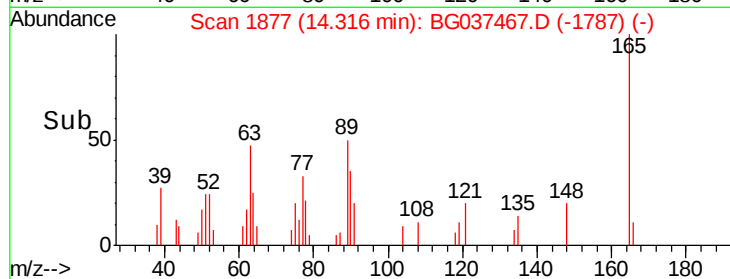
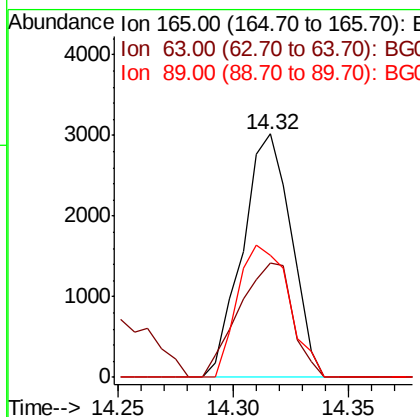
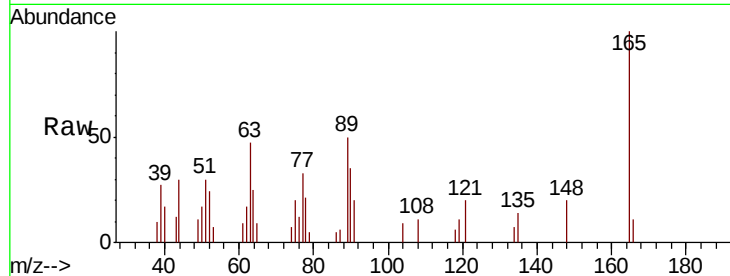
#51
 2,6-Dinitrotoluene
 Concen: 1.555 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion:	165	Resp:	4430
Ion Ratio	Lower	Upper	
165	100		
63	47.2	43.4	65.2
89	50.2	45.8	68.6

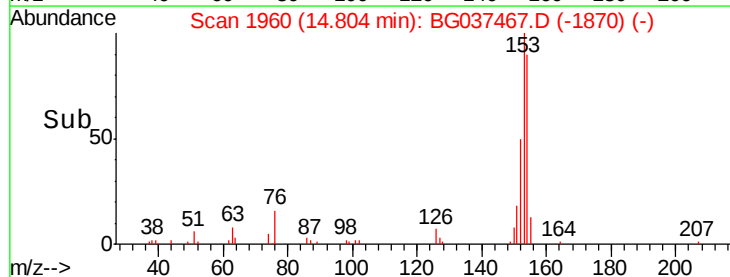
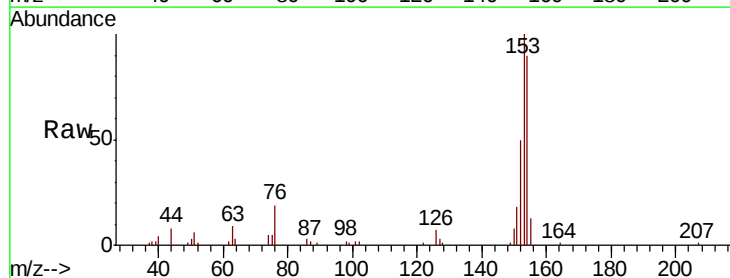
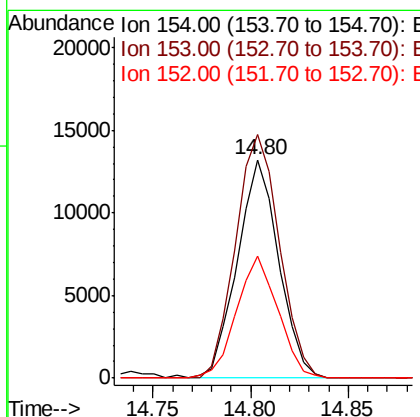
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#52
 Acenaphthene
 Concen: 2.007 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion:	154	Resp:	19393
Ion Ratio	Lower	Upper	
154	100		
153	111.5	93.4	140.0
152	56.1	44.7	67.1





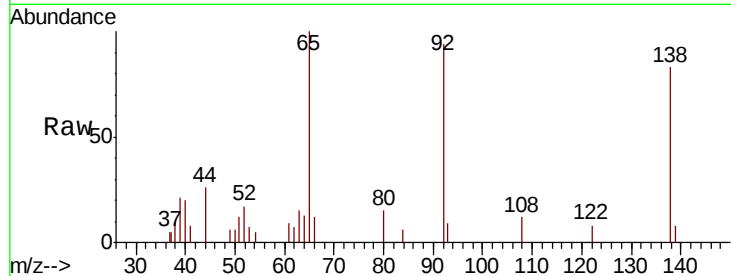
#53
3-Nitroaniline
Concen: 1.351 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

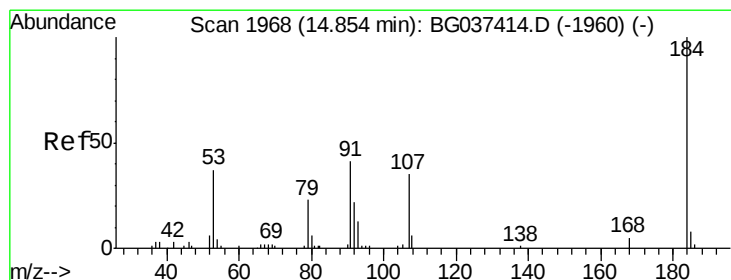
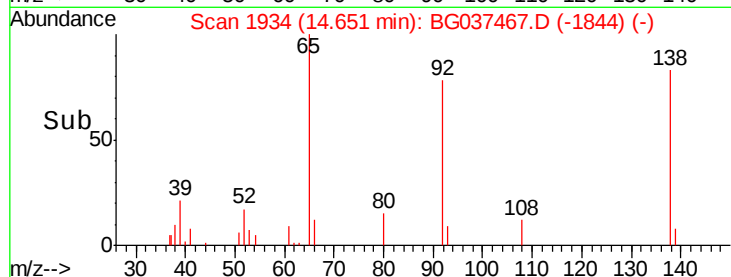
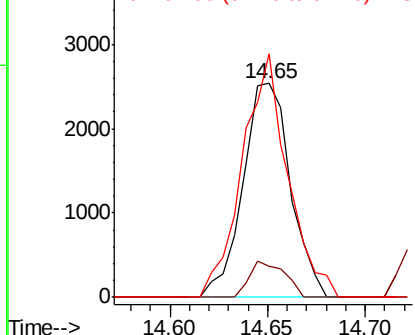
Tgt Ion:138 Resp: 4273
Ion Ratio Lower Upper
138 100
108 14.7 11.0 16.6
92 113.8 95.2 142.8

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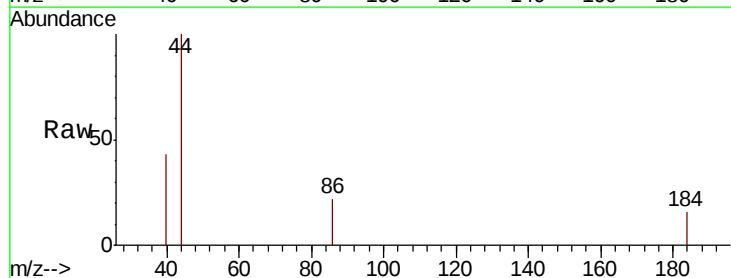


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

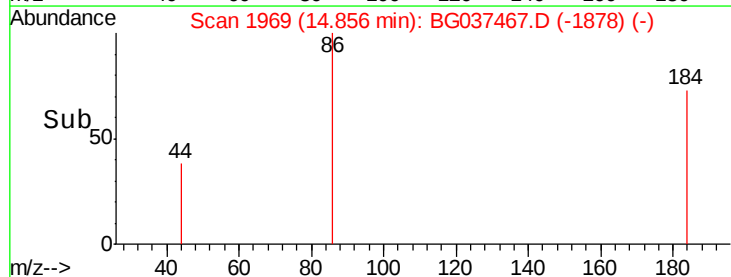
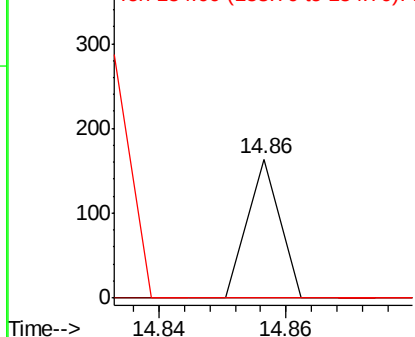


#54
2,4-Dinitrophenol
Concen: 6.194 ng
RT: 14.86 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 42.6 63.8#
154 0.0 41.8 62.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





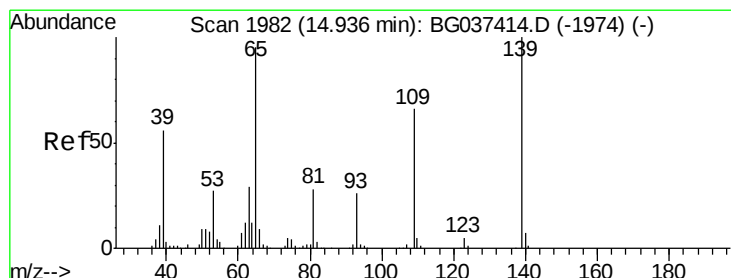
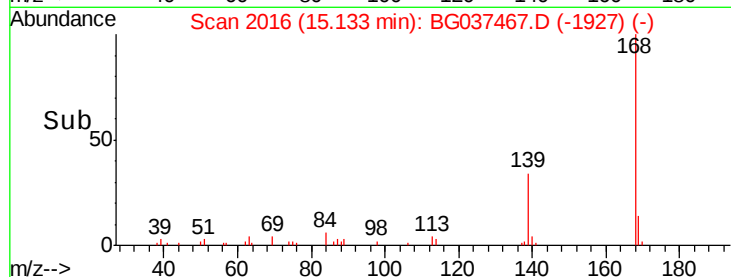
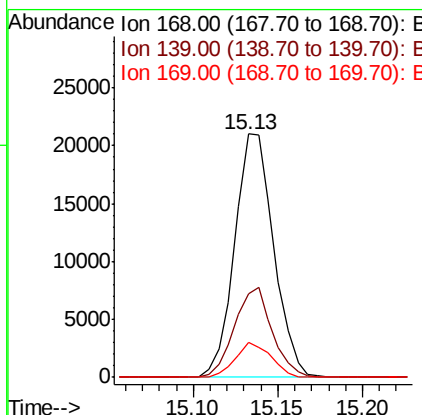
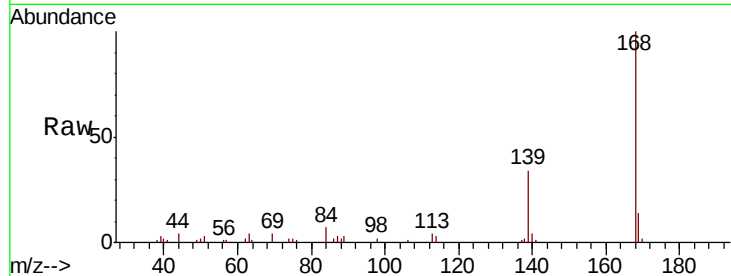
#55
Dibenzofuran
Concen: 2.108 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.4	29.4	44.0
169	14.4	11.0	16.6

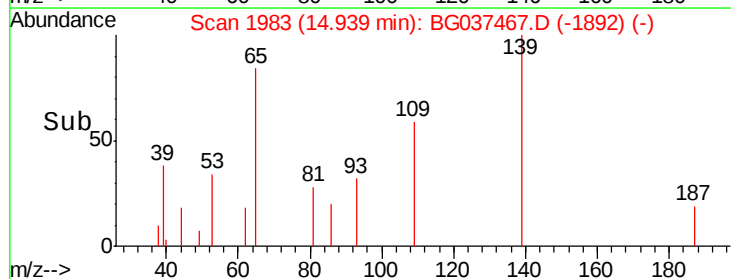
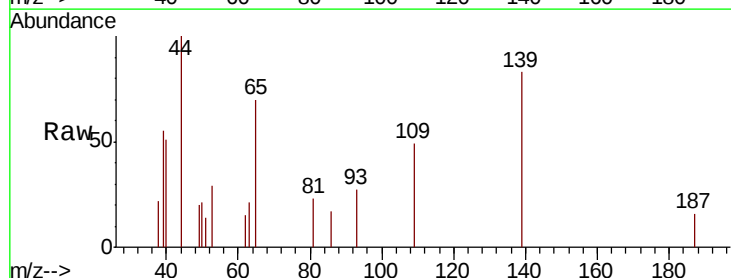
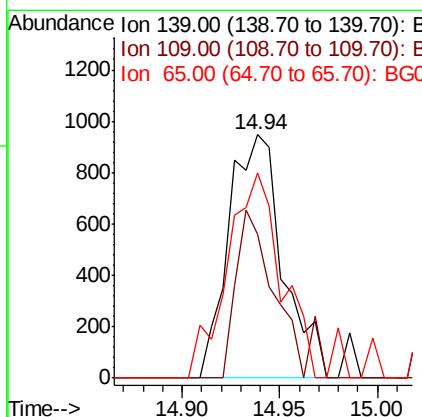
Manual Integrations
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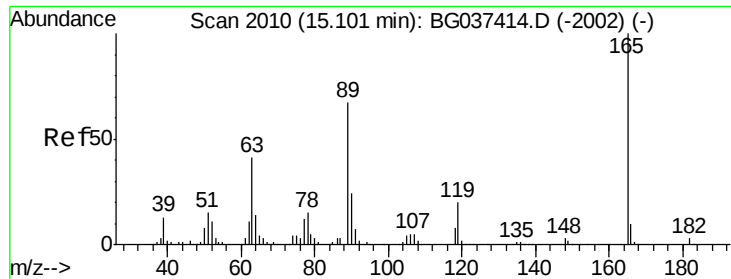
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#56
4-Nitrophenol
Concen: 0.778 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.0	49.5	89.5
65	84.1	76.8	116.8





#57

2,4-Dinitrotoluene

Concen: 1.480 ng

RT: 15.10 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

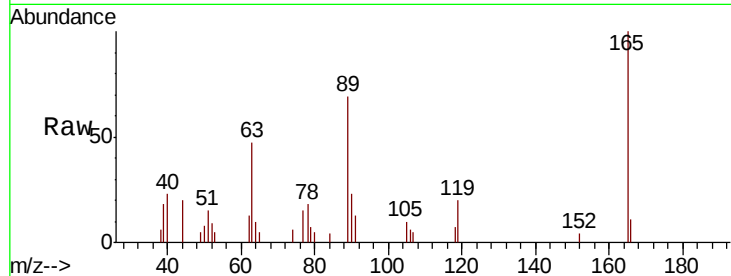
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	5534		
63	47.4	33.4	50.0	
89	69.0	57.2	85.8	
182	0.0	2.6	4.0	

Manual Integrations
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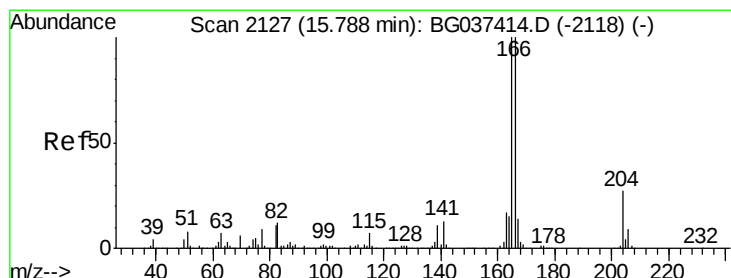
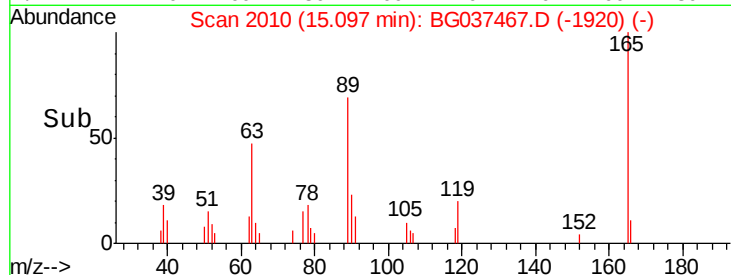
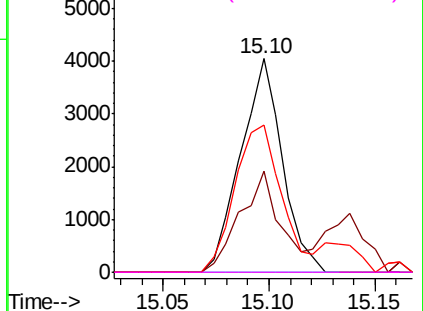
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 2.154 ng

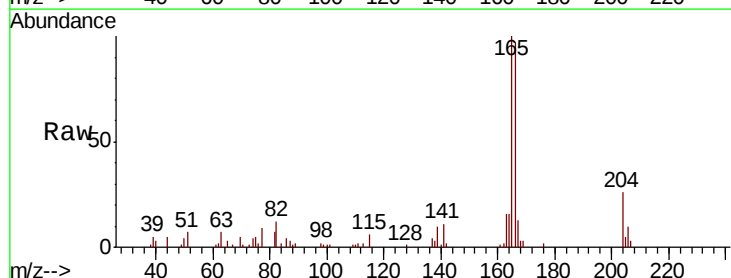
RT: 15.78 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	25823		
165	103.2	79.0	118.6	
167	12.9	11.3	16.9	

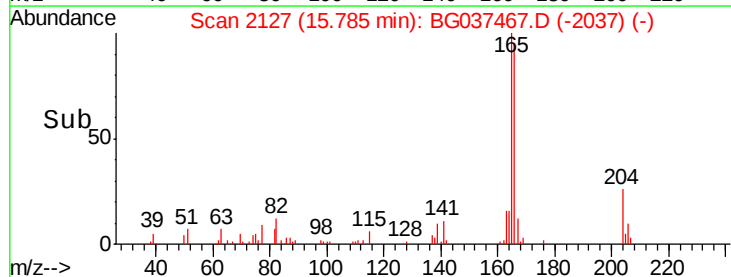
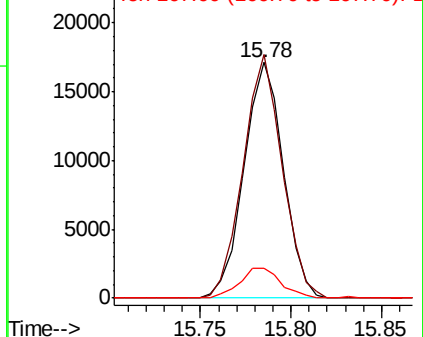


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





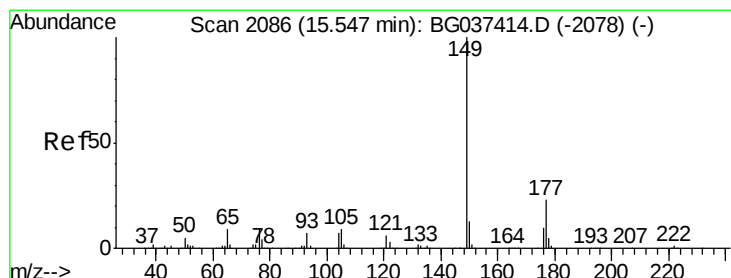
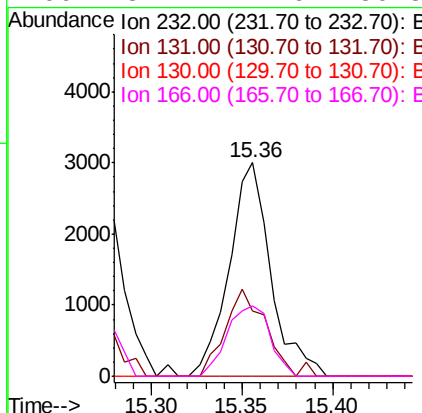
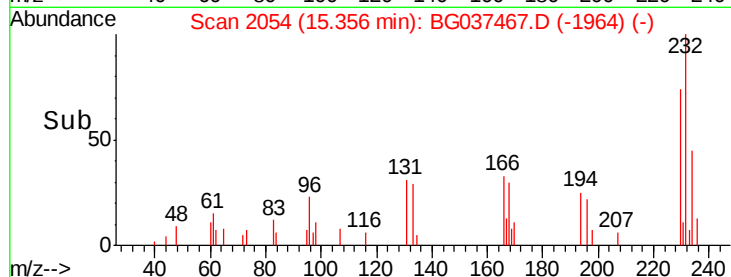
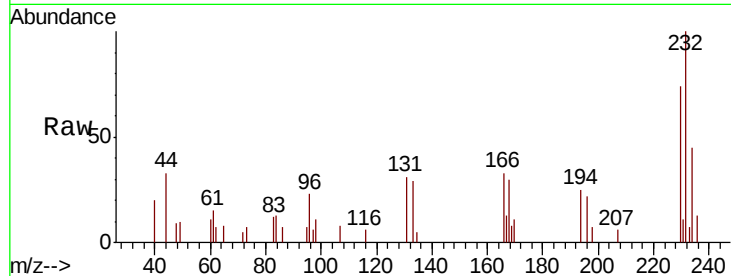
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.431 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion:	232	Resp:	4787
Ion Ratio	Lower	Upper	
232	100		
131	40.5	33.7	50.5
130	0.0	2.1	3.1
166	34.4	24.6	36.8

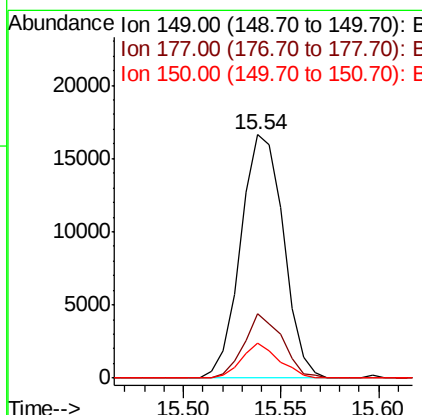
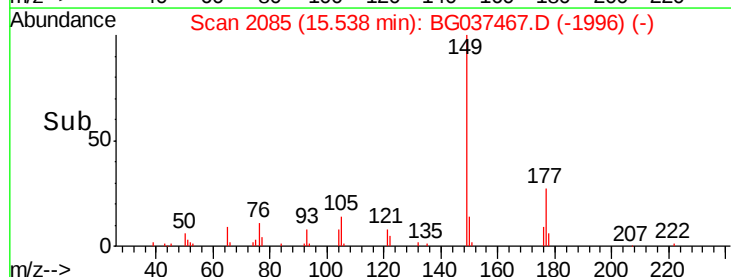
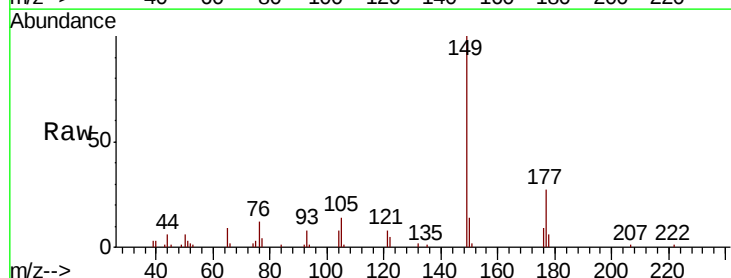
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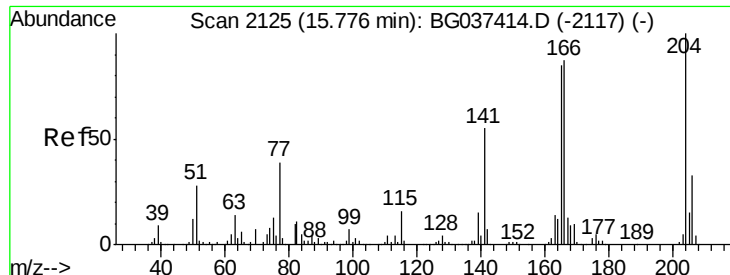
Sohil
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#60
 Diethylphthalate
 Concen: 1.909 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion:	149	Resp:	25245
Ion Ratio	Lower	Upper	
149	100		
177	26.7	18.3	27.5
150	14.4	10.0	15.0





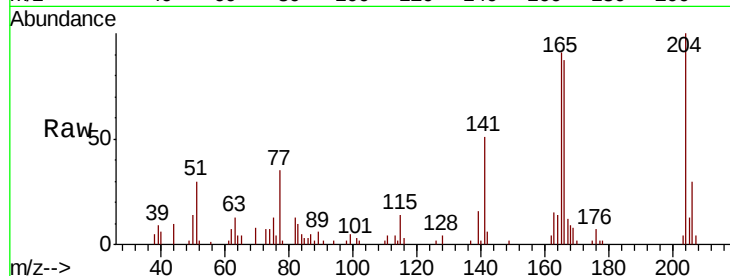
#61
4-Chlorophenyl-phenylether
Concen: 1.921 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
204	100		
206	29.7	26.6	39.8
141	50.5	45.4	68.2

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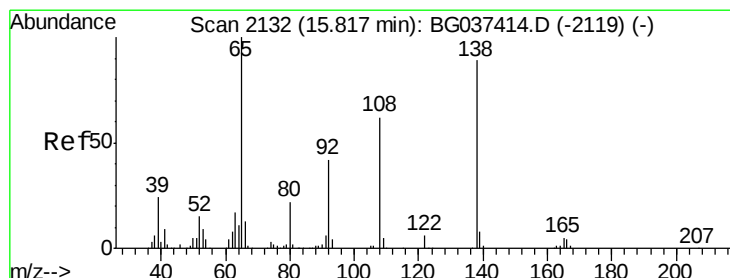
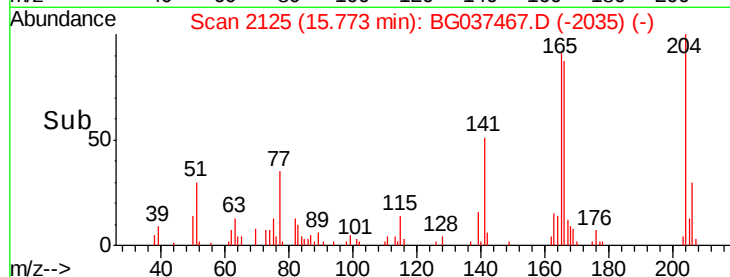
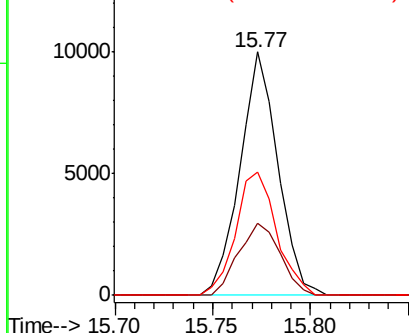


Abundance

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: 1.375 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

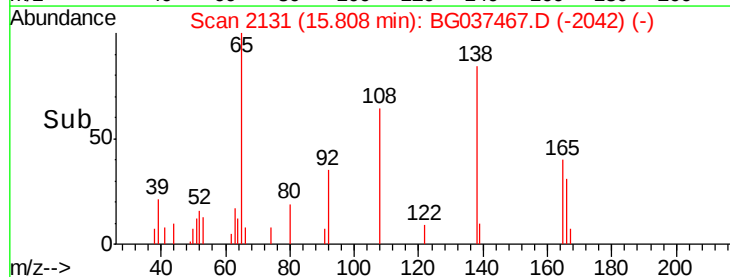
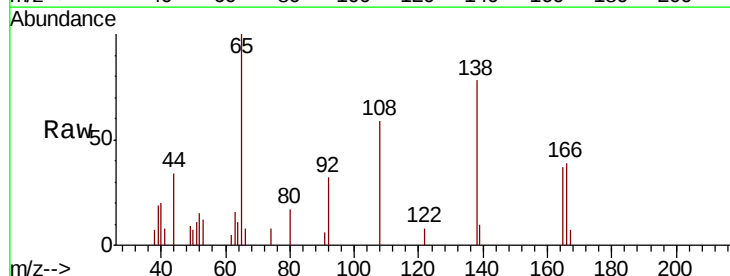
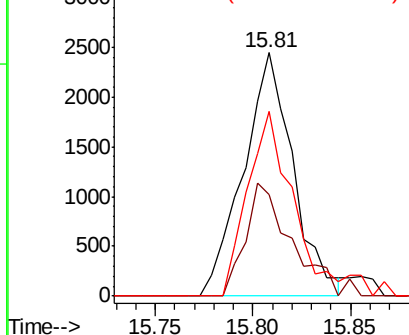
Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.7	36.4	76.4
108	75.8	60.1	100.1

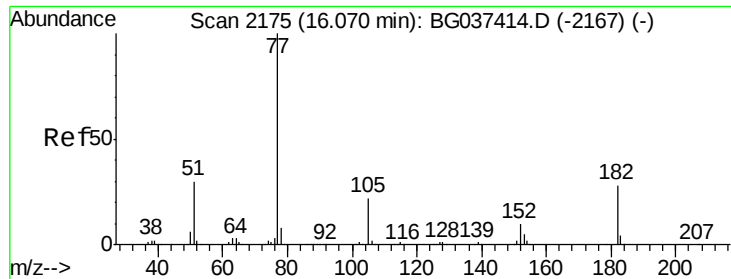
Abundance

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





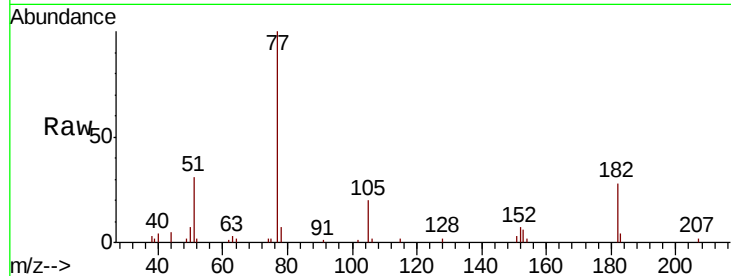
#63
Azobenzene
Concen: 2.062 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

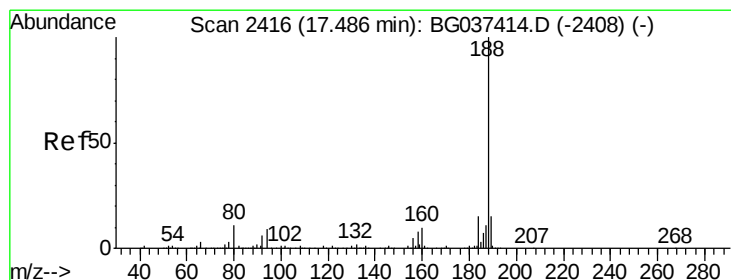
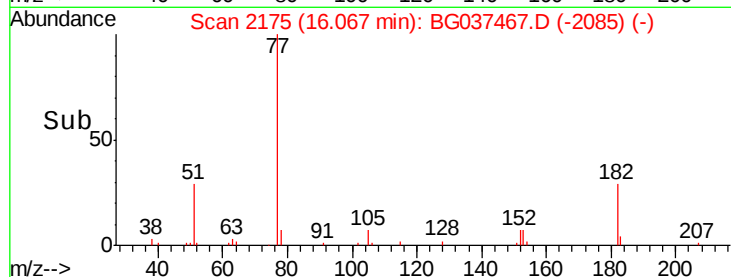
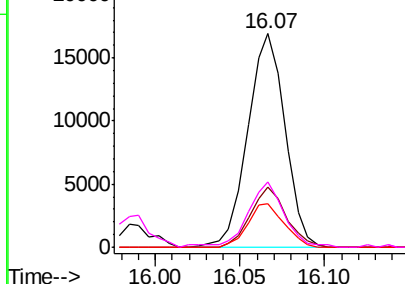
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.0	48.0
105	20.2	1.3	41.3
51	30.6	10.7	50.7

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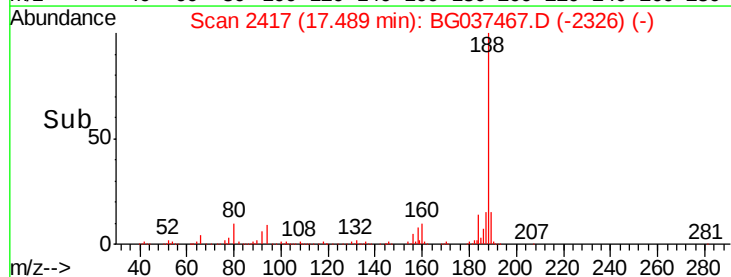
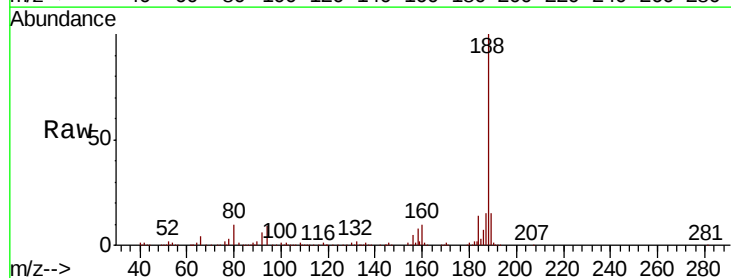
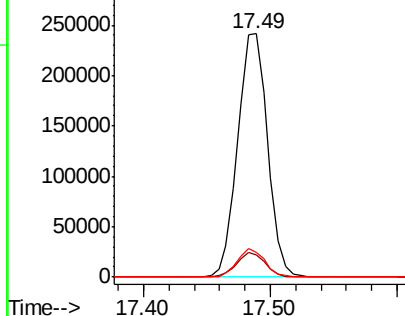
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

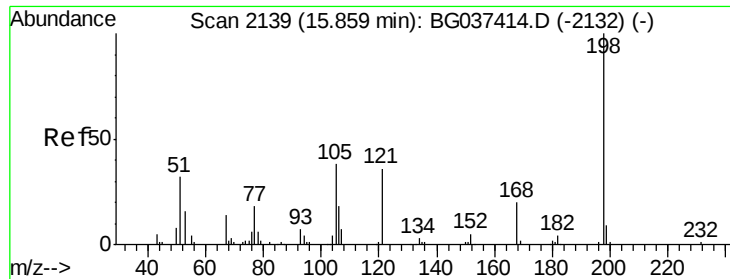


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.0	7.7	11.5

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





#65

4,6-Dinitro-2-methylphenol

Concen: 8.804 ng m

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

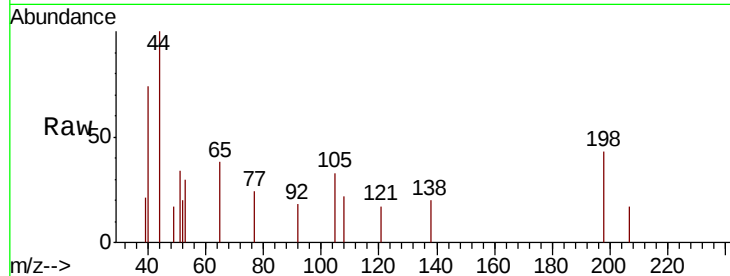
ClientSampleId :

MDL-WATER-03-QT4-2018

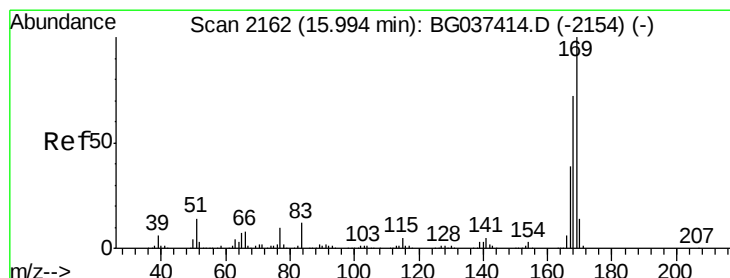
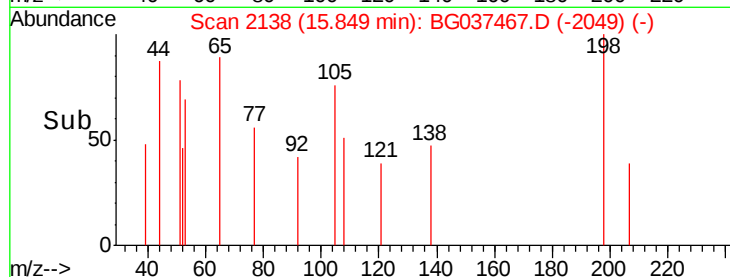
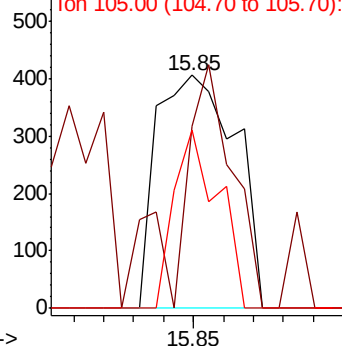
Tgt Ion:	198	Resp:	746
Ion Ratio	Lower	Upper	
198	100		
51	78.1	22.7	62.7#
105	76.4	19.7	59.7#

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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: 1.870 ng

RT: 15.99 min Scan# 2162

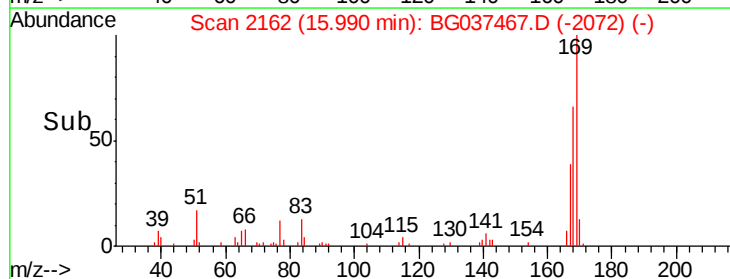
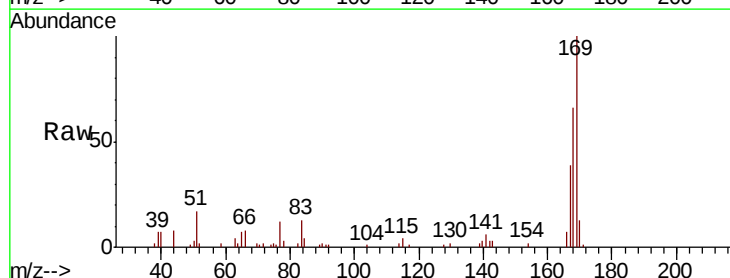
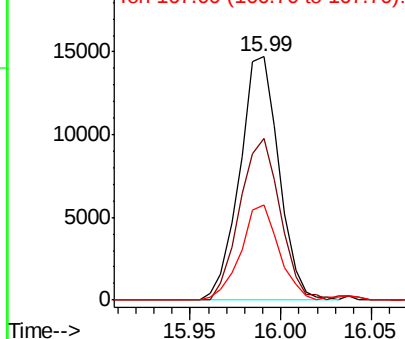
Delta R.T. -0.00 min

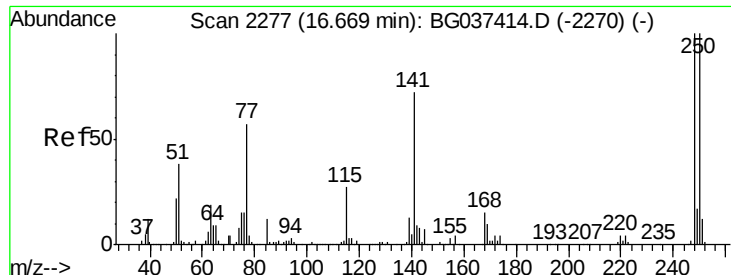
Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	169	Resp:	22185
Ion Ratio	Lower	Upper	
169	100		
168	66.5	55.7	83.5
167	39.1	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: 1.978 ng

RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

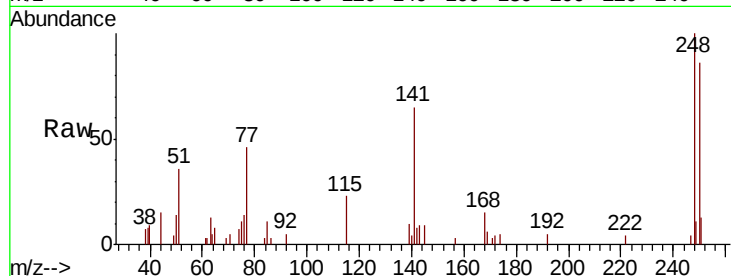
ClientSampleId :

MDL-WATER-03-QT4-2018

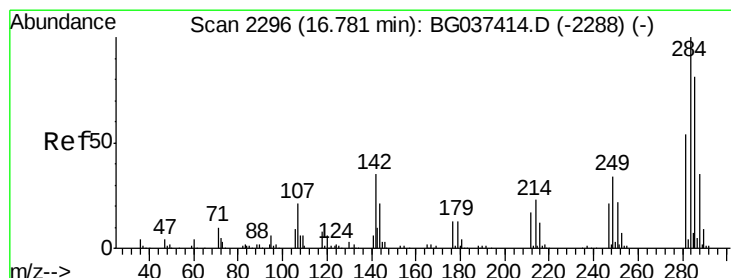
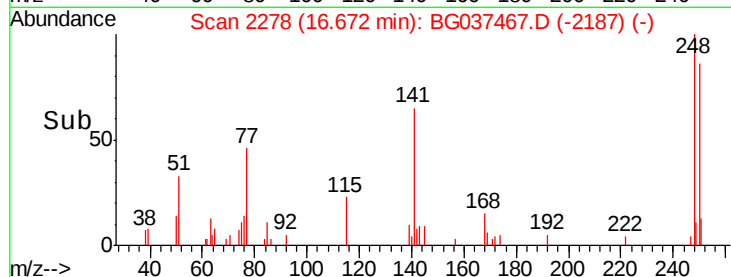
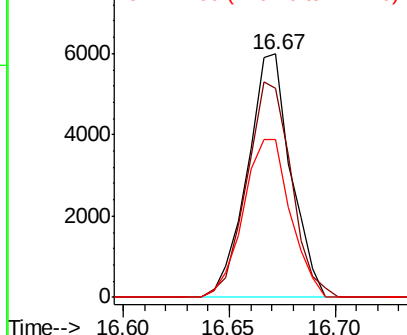
Tgt Ion:	248	Resp:	8568
Ion Ratio	Lower	Upper	
248	100		
250	86.0	77.0	115.6
141	64.7	55.5	83.3

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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: 1.885 ng

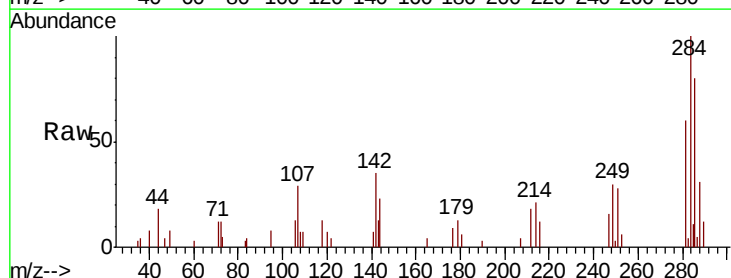
RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

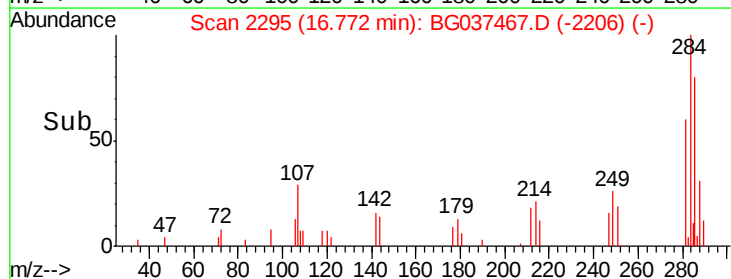
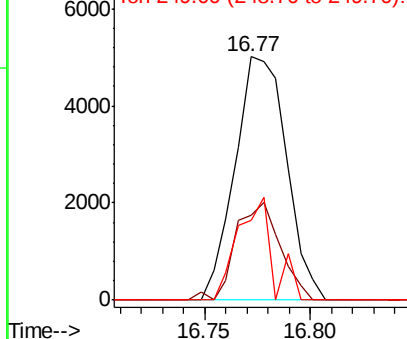
Lab File: BG037467.D

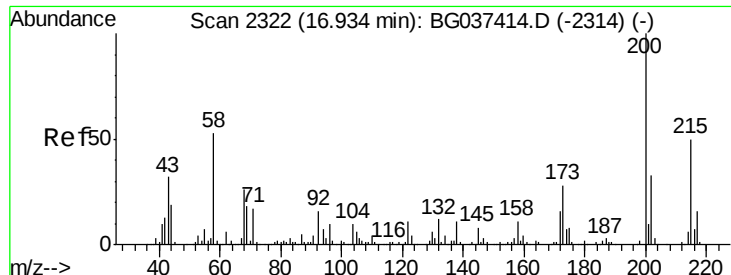
Acq: 20 Oct 2018 1:43

Tgt Ion:	284	Resp:	8464
Ion Ratio	Lower	Upper	
284	100		
142	34.7	28.1	42.1
249	33.0	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





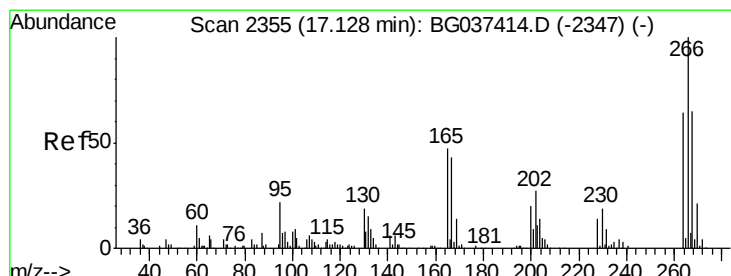
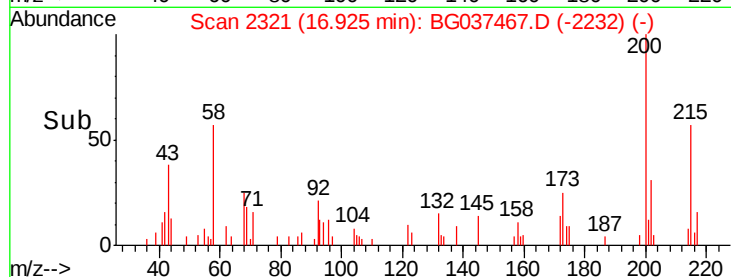
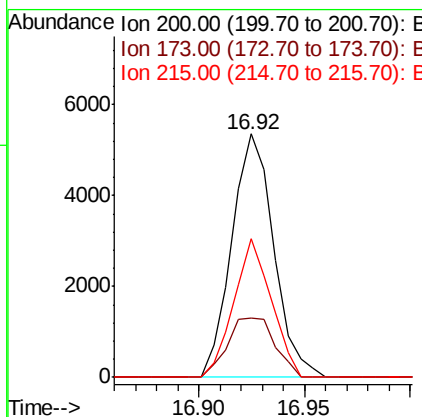
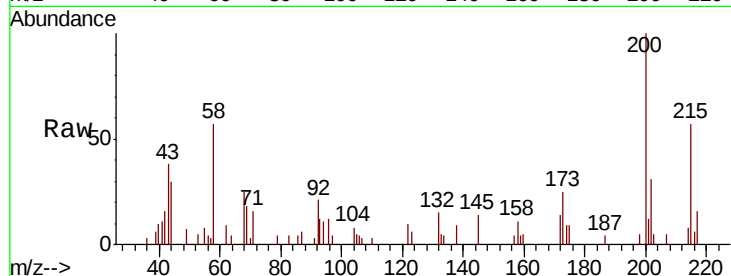
#69
Atrazine
Concen: 1.719 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.5	6.1	46.1
215	57.0	30.8	70.8

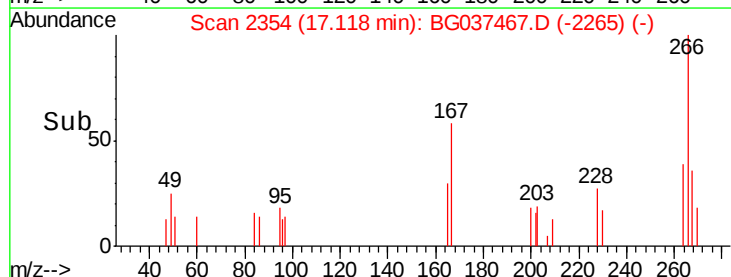
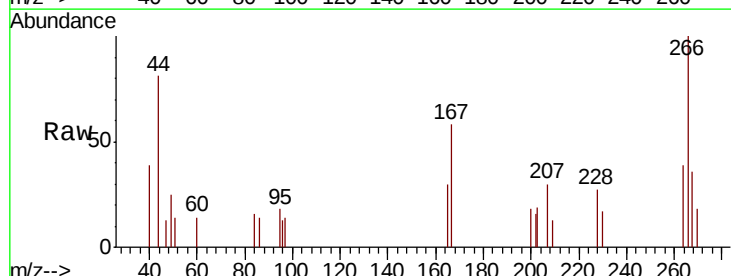
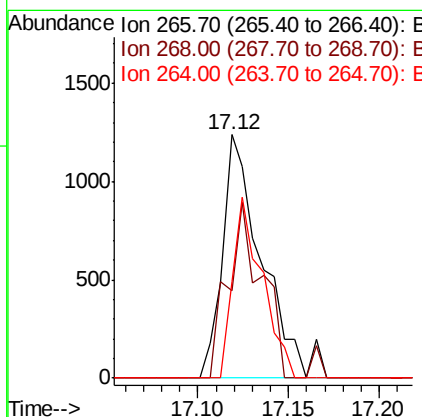
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#70
Pentachlorophenol
Concen: 0.628 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	35.9	55.0	82.6#
264	39.4	58.9	88.3#





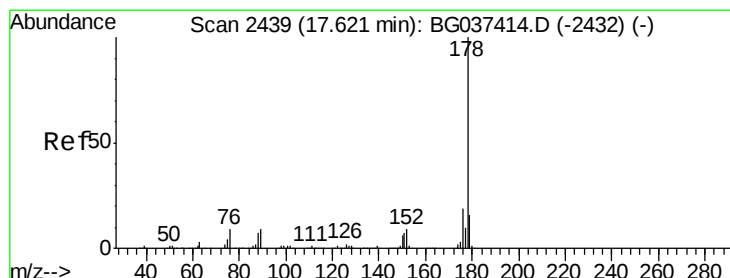
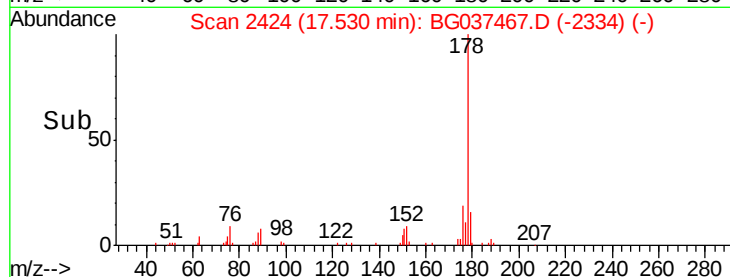
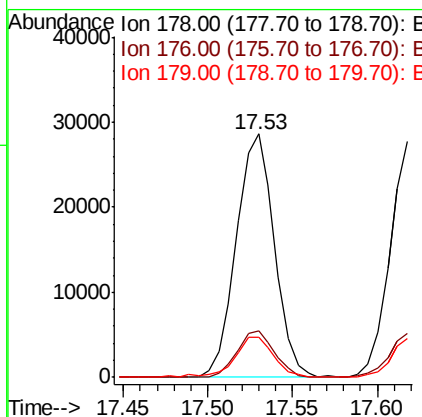
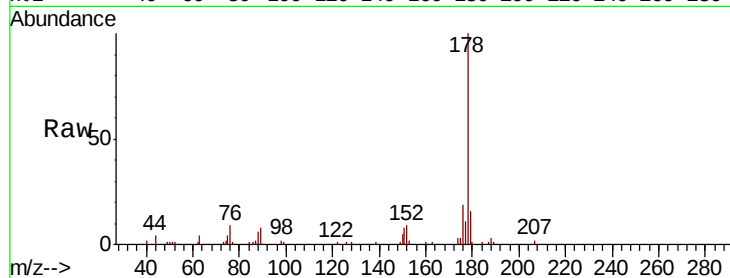
#71
Phenanthrene
Concen: 2.233 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.3	13.0	19.4

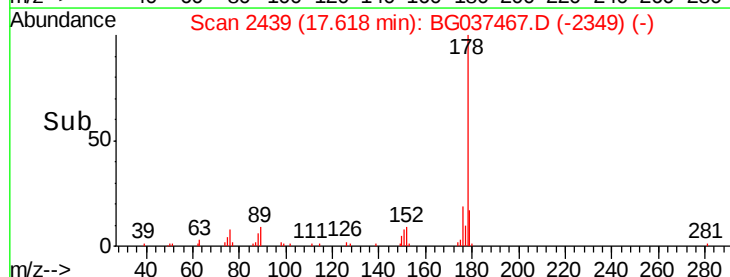
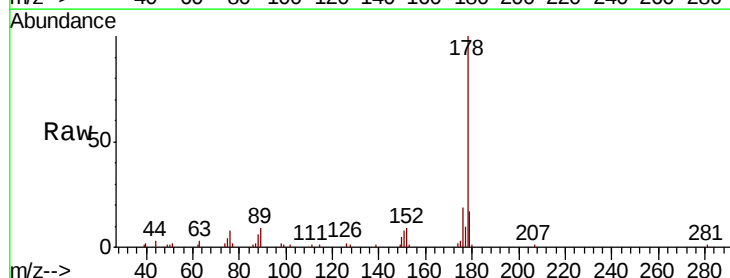
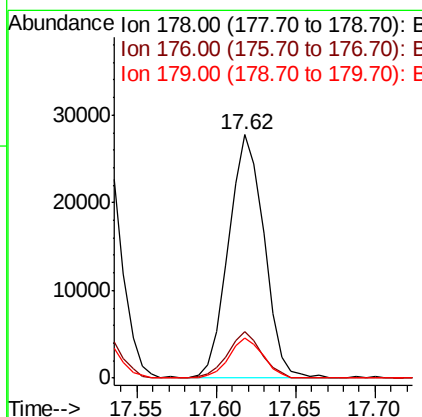
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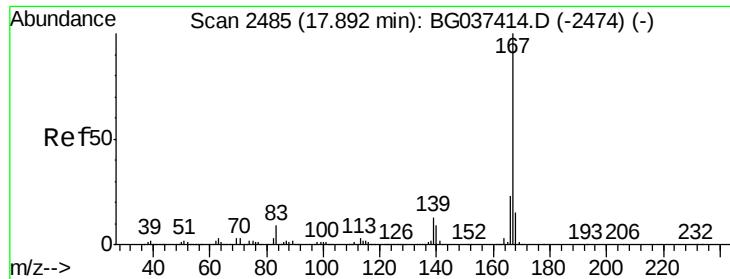
Sohil
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#72
Anthracene
Concen: 2.194 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.5	12.8	19.2





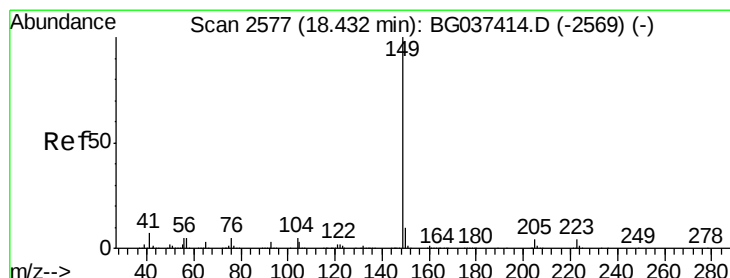
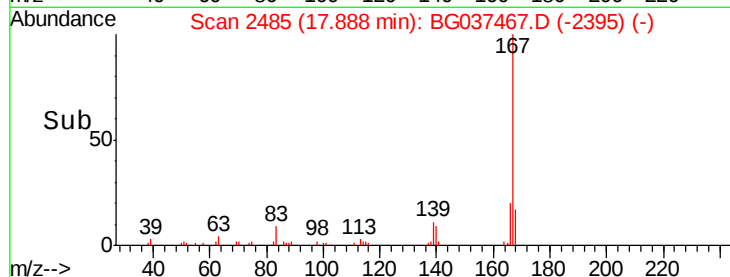
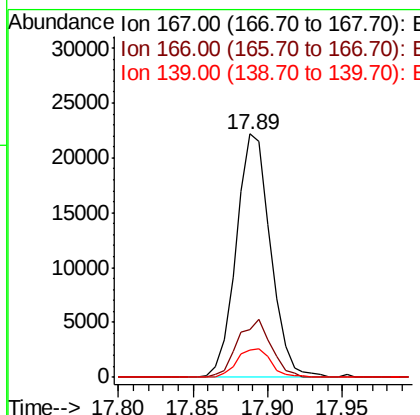
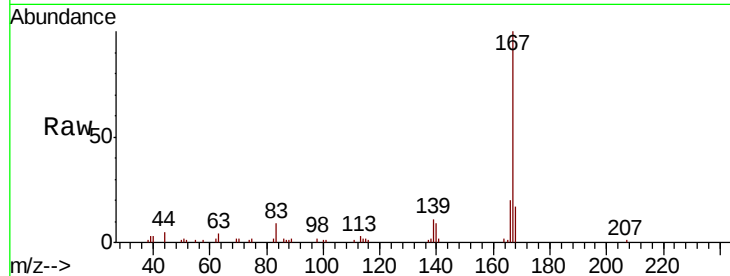
#73
 Carbazole
 Concen: 1.797 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	35352		
166	19.8	18.3	27.5	
139	11.1	10.5	15.7	

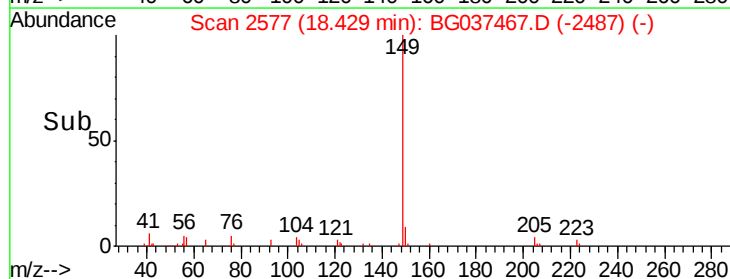
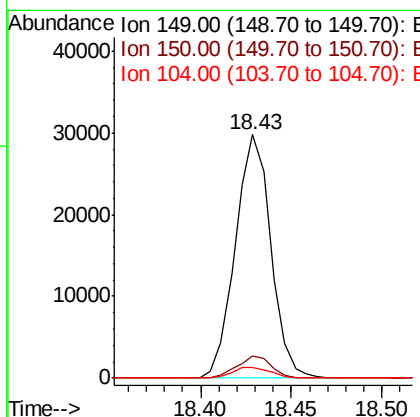
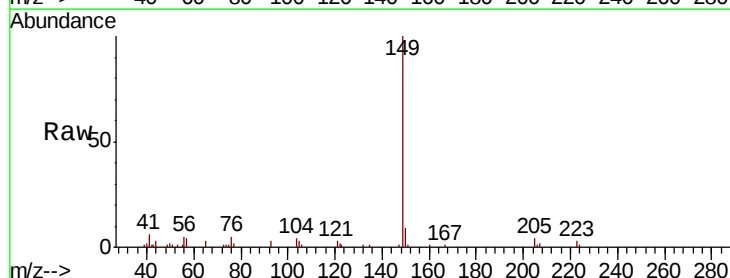
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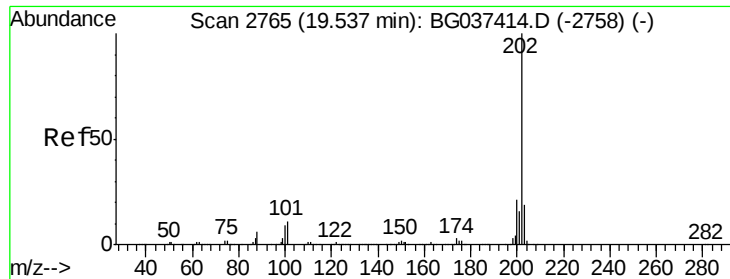
Sohil
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#74
 Di-n-butylphthalate
 Concen: 1.847 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	40424		
150	9.0	8.2	12.2	
104	4.5	4.0	6.0	





#75

Fluoranthene

Concen: 2.140 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

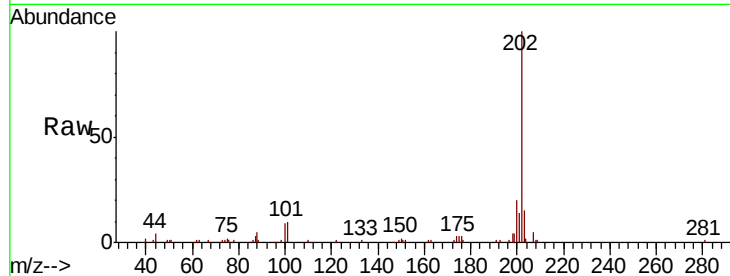
ClientSampleId :

MDL-WATER-03-QT4-2018

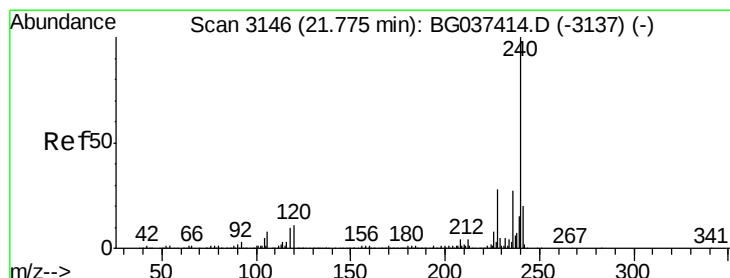
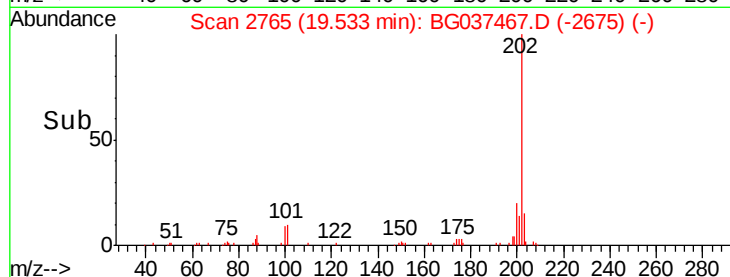
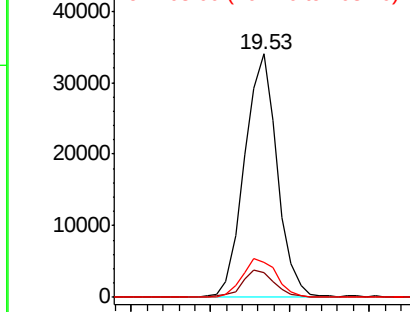
Tgt Ion:	202	Resp:	48665
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.7
203	14.6	0.0	38.5

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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

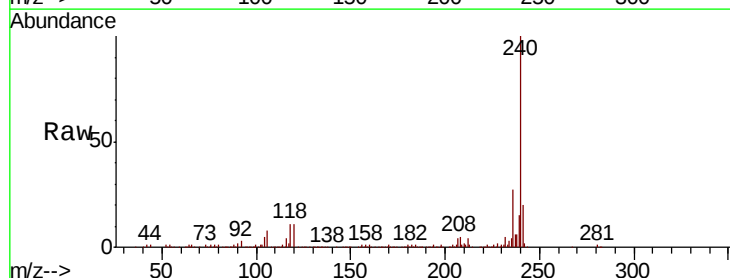
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

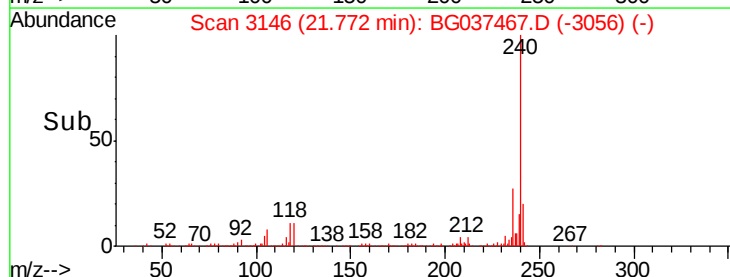
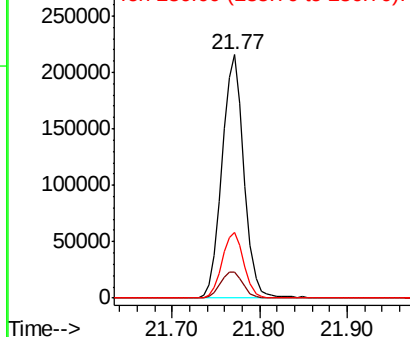
Lab File: BG037467.D

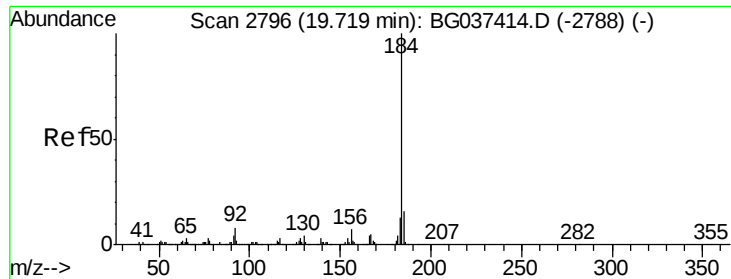
Acq: 20 Oct 2018 1:43

Tgt Ion:	240	Resp:	373309
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.1	12.1
236	27.2	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: 0.429 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

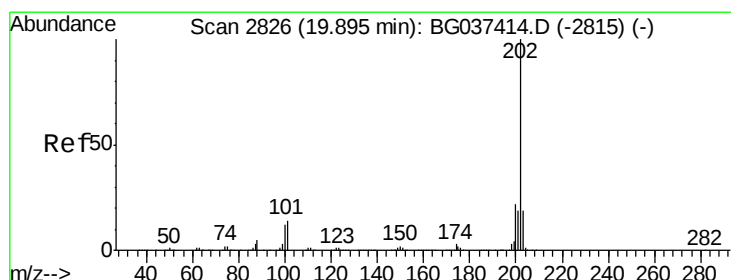
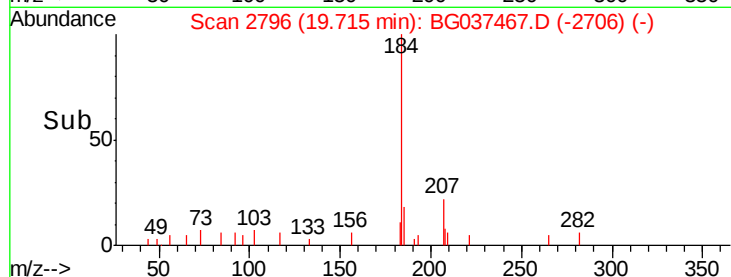
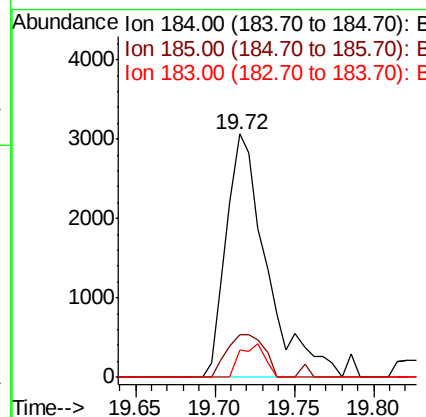
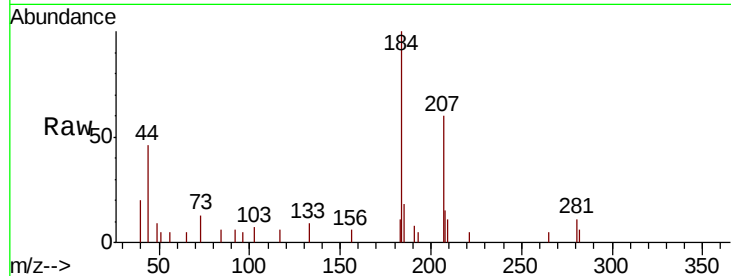
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	184	Resp:	5450
Ion Ratio	Lower	Upper	
184	100		
185	17.6	12.6	18.8
183	11.0	10.2	15.2

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#78

Pyrene

Concen: 2.075 ng

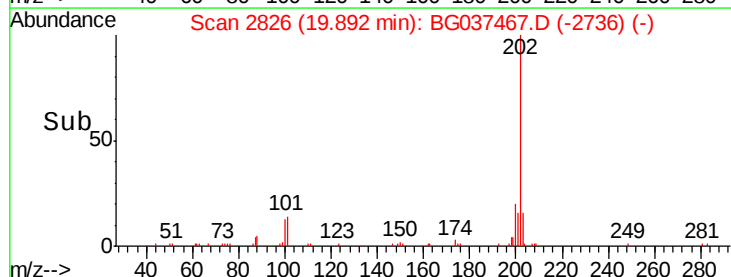
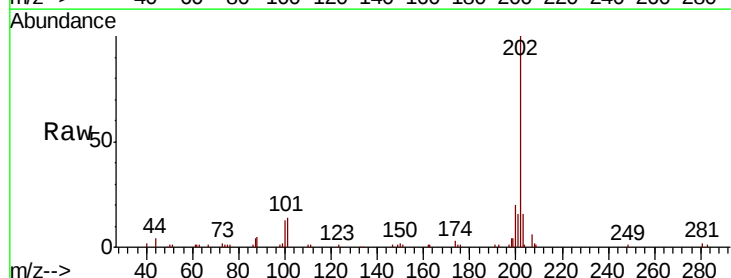
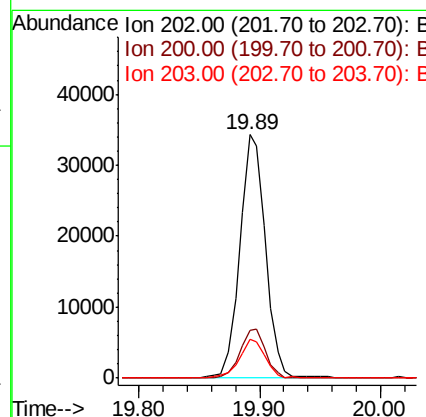
RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:	202	Resp:	50626
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.8	26.6
203	15.7	15.2	22.8





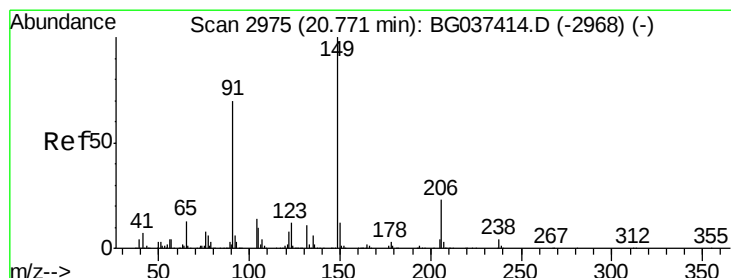
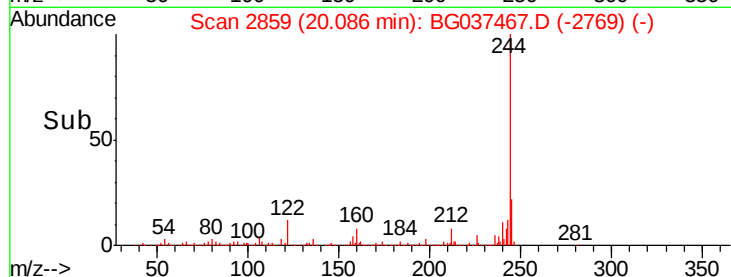
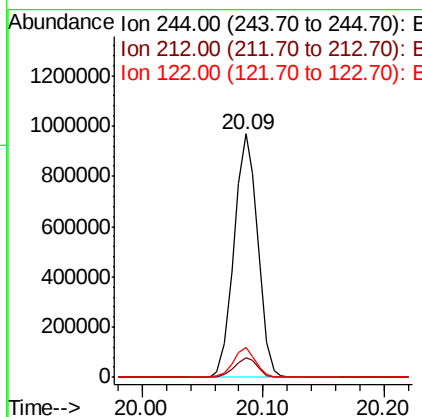
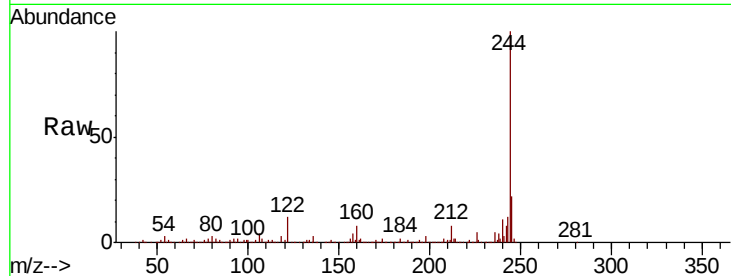
#79
 Terphenyl-d14
 Concen: 76.169 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion:244 Resp: 1330735
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 12.0 9.0 13.4

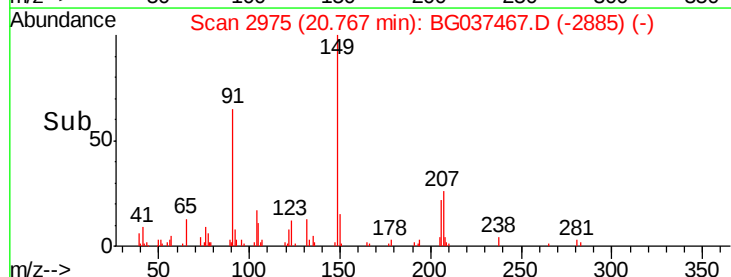
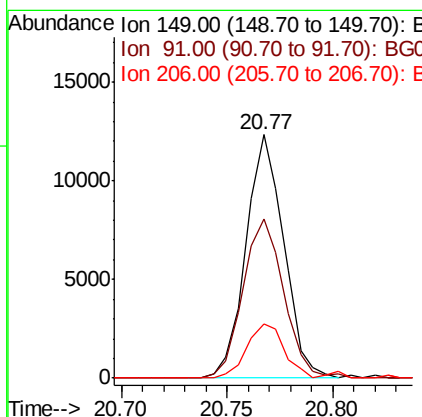
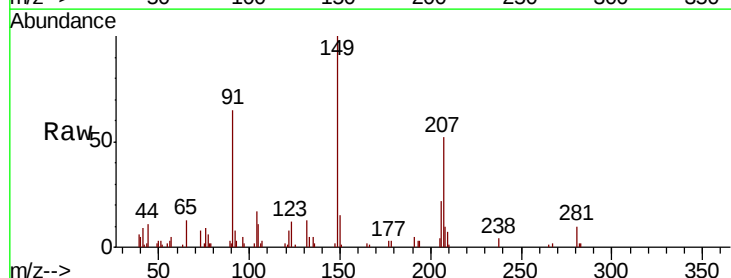
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#80
 Butylbenzylphthalate
 Concen: 1.533 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion:149 Resp: 15310
 Ion Ratio Lower Upper
 149 100
 91 65.3 57.0 85.4
 206 22.2 17.8 26.6





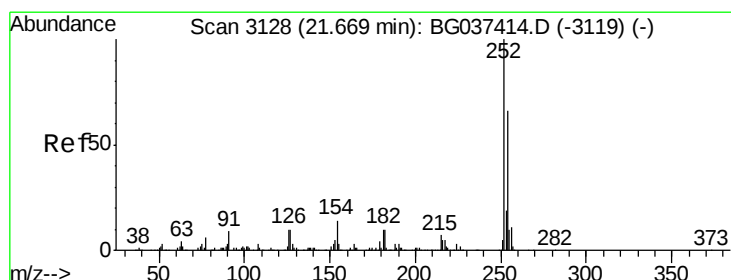
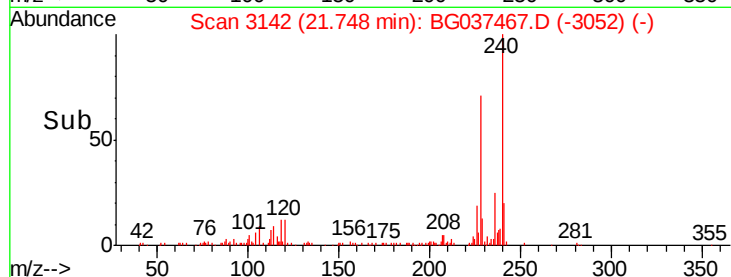
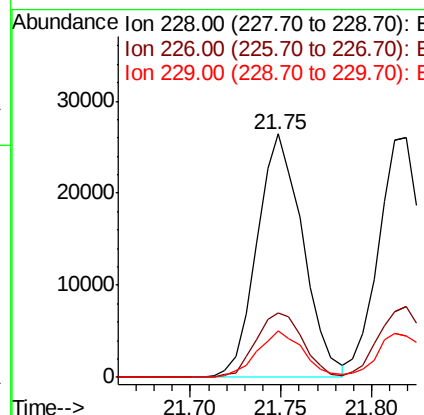
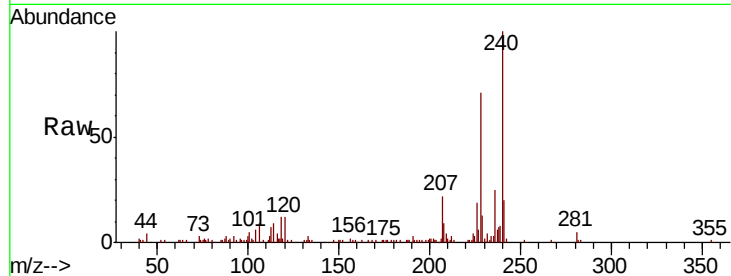
#81
Benzo(a)anthracene
Concen: 2.102 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	46418		
226	26.6		22.6	33.8
229	18.9		16.3	24.5

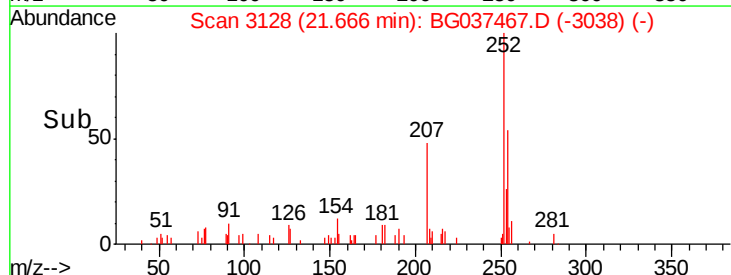
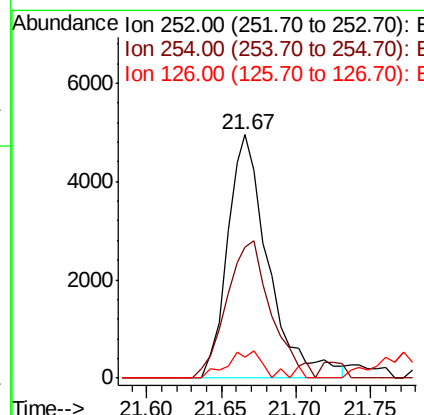
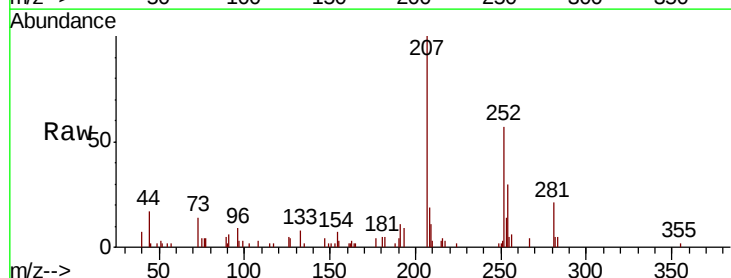
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#82
3,3'-Dichlorobenzidine
Concen: 1.103 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	9442		
254	54.0		52.0	78.0
126	8.7		8.2	12.4





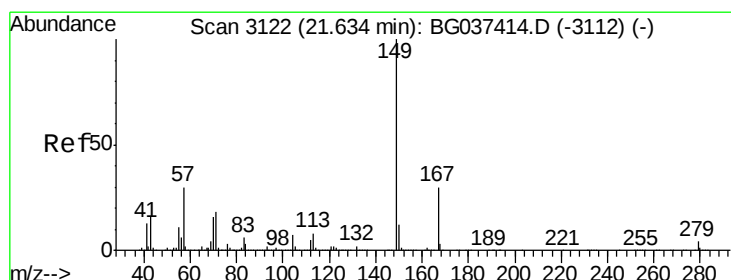
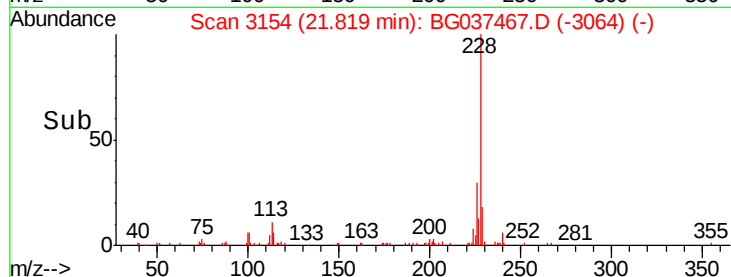
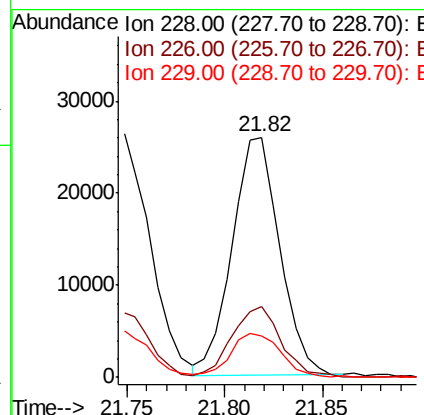
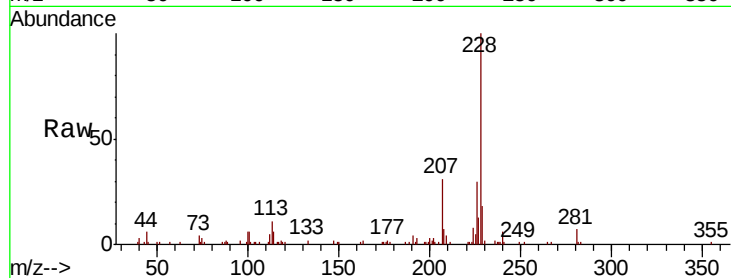
#83
Chrysene
Concen: 2.054 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.7	38.5
229	17.5	16.5	24.7

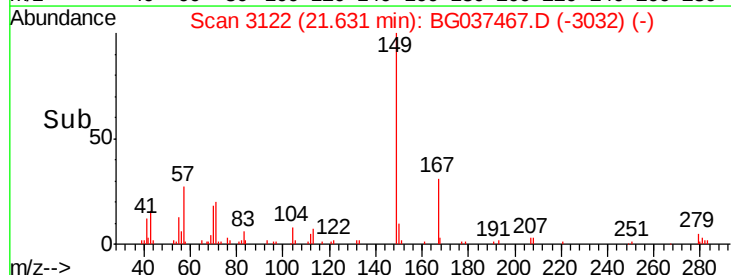
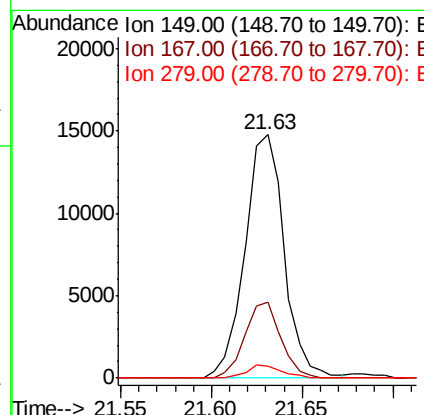
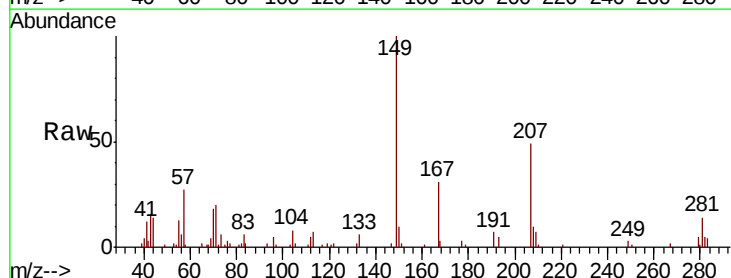
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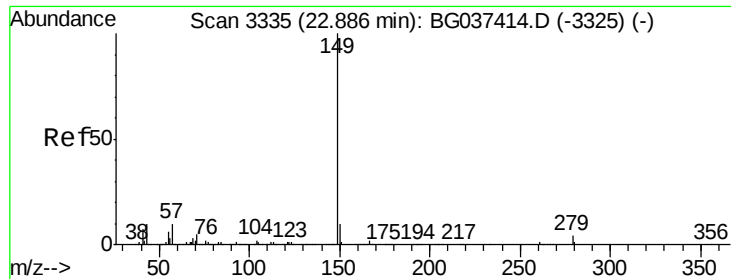
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.590 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.0	34.4
279	5.1	3.6	5.4





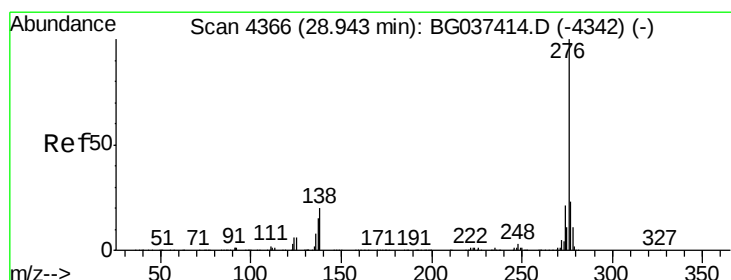
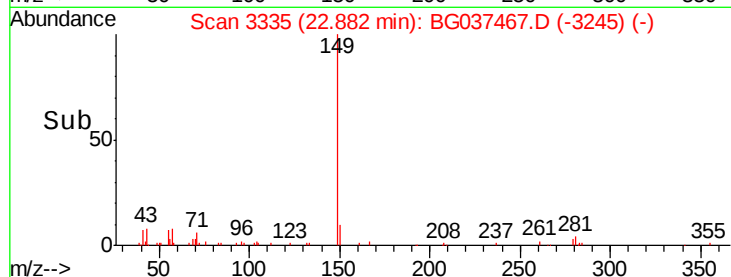
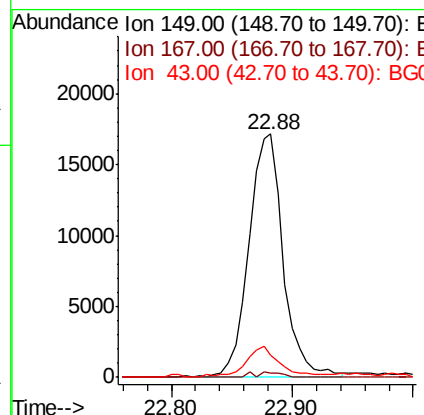
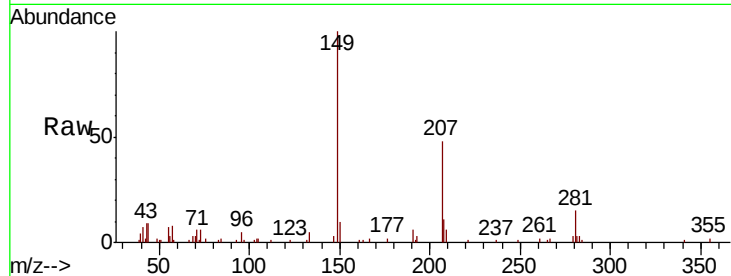
#85
Di-n-octyl phthalate
Concen: 1.487 ng
RT: 22.88 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	12.6	8.7	13.1

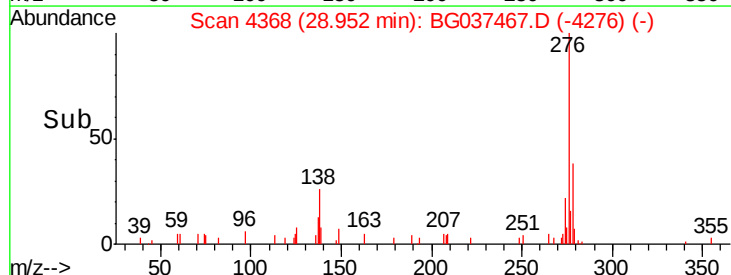
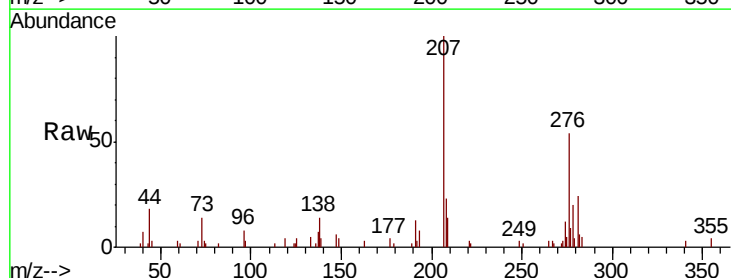
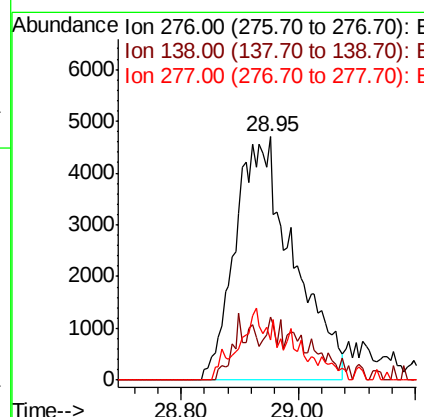
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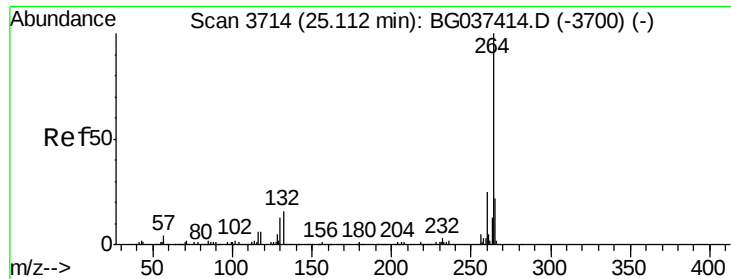
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 1.417 ng m
RT: 28.95 min Scan# 4368
Delta R.T. 0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.0	12.0	18.0#
277	12.2	20.6	30.8#





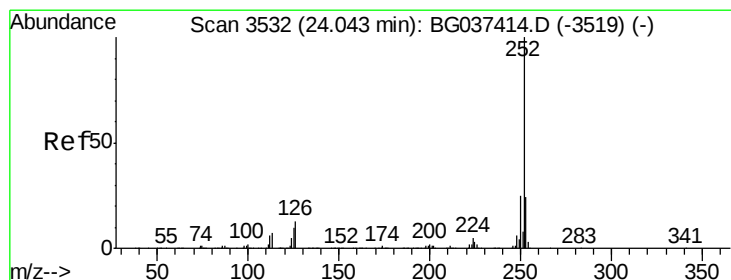
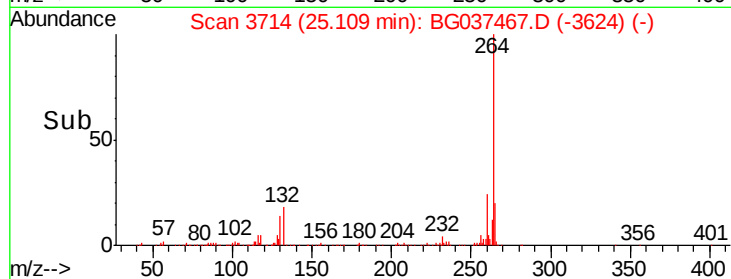
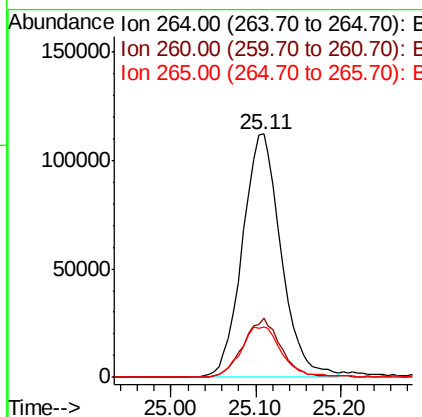
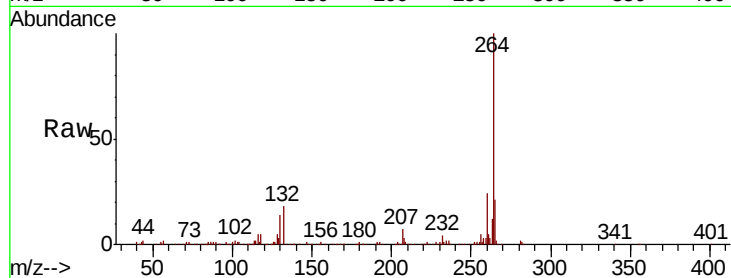
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.5	17.9	26.9

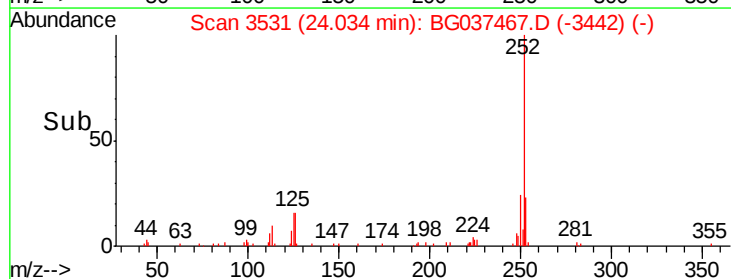
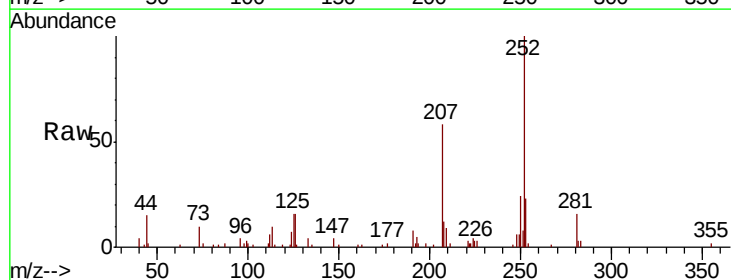
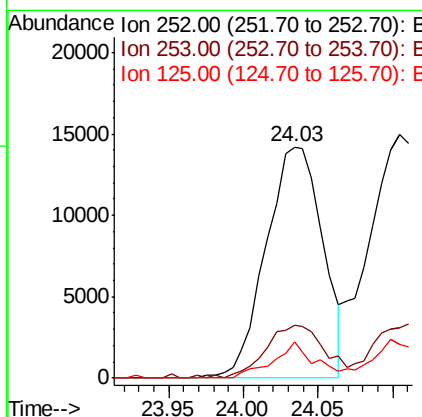
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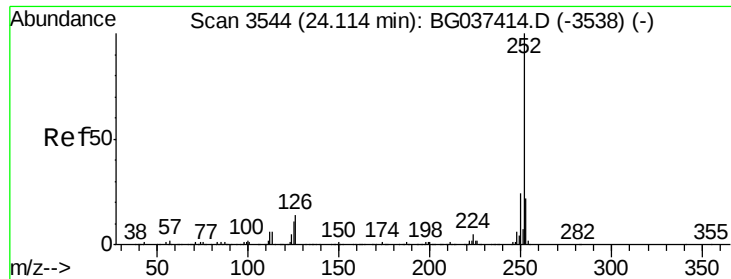
Sohil
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#88
Benzo(b)fluoranthene
Concen: 1.915 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	15.8	7.8	11.6#





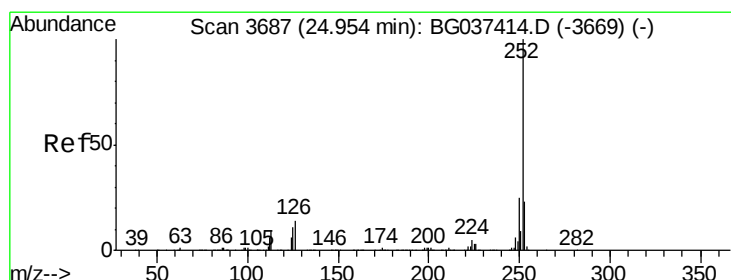
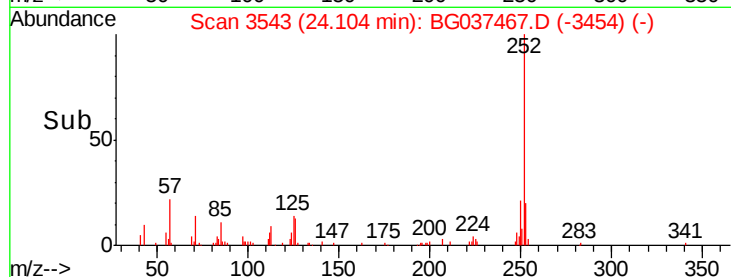
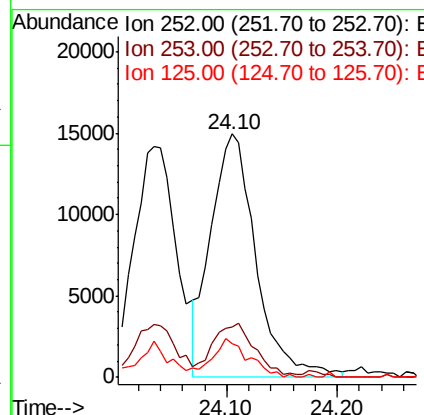
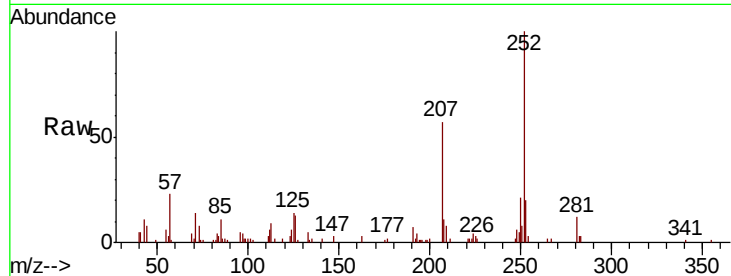
#89
Benzo(k)fluoranthene
Concen: 2.217 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.4	26.2
125	13.8	7.4	11.0

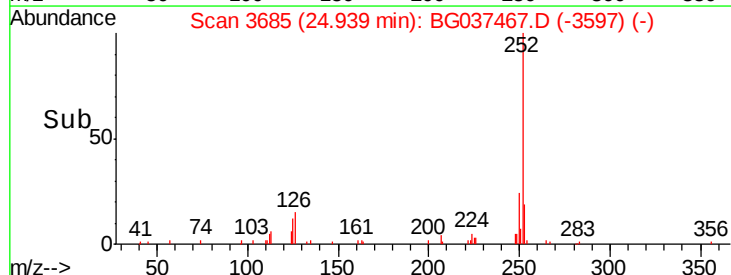
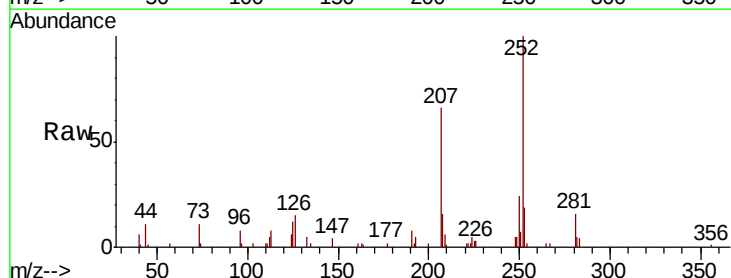
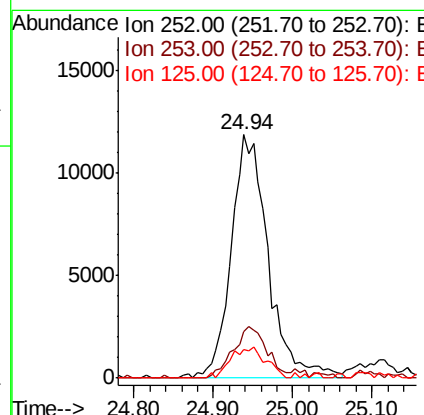
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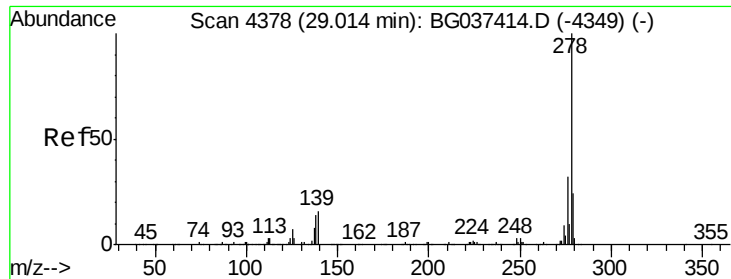
Sohil
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#90
Benzo(a)pyrene
Concen: 2.058 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.2	17.4	26.2
125	11.8	9.0	13.6





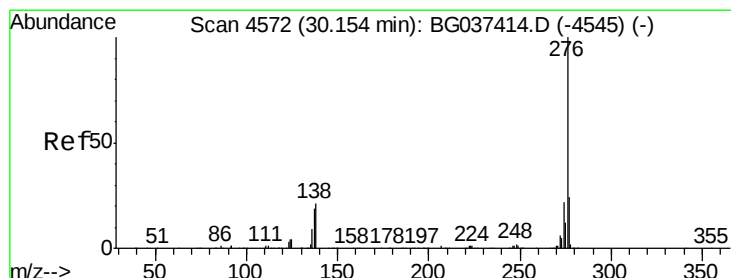
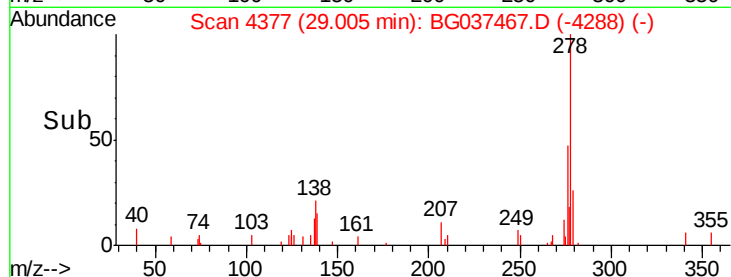
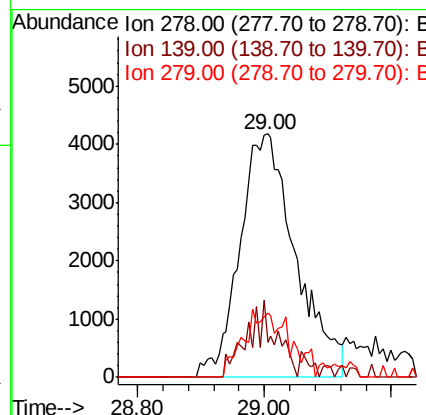
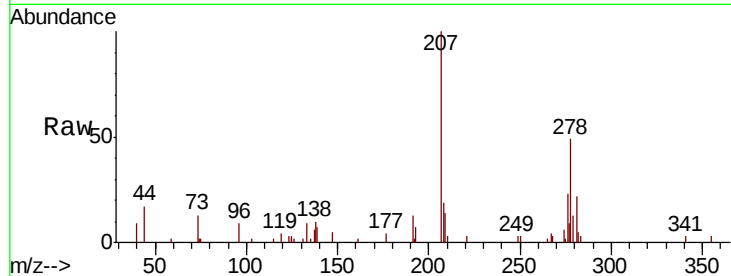
#91
Dibenzo(a,h)anthracene
Concen: 1.491 ng
RT: 29.00 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.5	17.3
279	26.3	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 1.747 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	18.7	18.9	28.3#
138	30.4	17.2	25.8#

