

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032575.D
 Acq On : 6 Feb 2018 20:56
 Operator : SJ/JU
 Sample : J1161-09
 Misc : MDL-W-5 ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Manual Integrations
 APPROVED

Sohil
 2/7/2018 4:14:40 PM

Quant Time: Feb 07 14:24:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	15953	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	82675	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	58469	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	146066	20.00	ng	0.00
75) Chrysene-d12	22.40	240	190465	20.00	ng	-0.01
86) Perylene-d12	26.06	264	213330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	145949	183.76	ng	0.00
7) Phenol-d6	7.82	99	159151	150.16	ng	0.00
23) Nitrobenzene-d5	9.90	82	93010	70.27	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	157593	141.60	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	423334	86.06	ng	0.00
78) Terphenyl-d14	20.61	244	841317	94.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	1319	4.936	ng	# 40
3) Pyridine	4.26	79	2221	3.078	ng	# 84
4) n-Nitrosodimethylamine	4.19	42	1404	3.738	ng	# 1
6) Aniline	8.00	93	1238	0.937	ng	# 85
8) 2-Chlorophenol	8.25	128	5311	5.657	ng	# 90
9) Benzaldehyde	7.82	77	2846	5.199	ng	# 76
10) Phenol	7.85	94	4994	4.962	ng	# 58
11) bis(2-Chloroethyl)ether	8.09	93	3614	4.713	ng	# 77
12) 1,3-Dichlorobenzene	8.59	146	5050	3.977	ng	# 89
13) 1,4-Dichlorobenzene	8.75	146	5314	4.176	ng	# 73
14) 1,2-Dichlorobenzene	9.06	146	5680	4.556	ng	# 67
15) Benzyl Alcohol	8.95	79	1875	2.147	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.24	45	2581	3.552	ng	# 69
17) 2-Methylphenol	9.16	107	2604	3.185	ng	# 80
18) Hexachloroethane	9.83	117	1835	4.295	ng	# 69
19) n-Nitroso-di-n-propylamine	9.51	70	2155	3.067	ng	# 93
20) 3+4-Methylphenols	9.49	107	3096	2.700	ng	# 84
22) Acetophenone	9.55	105	4675	2.412	ng	# 86
24) Nitrobenzene	9.95	77	4277	3.342	ng	# 94
25) Isophorone	10.47	82	8307	3.686	ng	# 79
26) 2-Nitrophenol	10.69	139	2219	2.868	ng	# 77
27) 2,4-Dimethylphenol	10.72	122	3924	3.533	ng	# 79
28) bis(2-Chloroethoxy)methane	10.95	93	4249	3.438	ng	# 94
29) 2,4-Dichlorophenol	11.23	162	4642	3.155	ng	# 81
30) 1,2,4-Trichlorobenzene	11.44	180	6965	3.552	ng	# 81
31) Naphthalene	11.64	128	15654	3.877	ng	# 98
32) Benzoic acid	10.86	122	212	7.500	ng	# 1
33) 4-Chloroaniline	11.77	127	1448m	0.804	ng	#
34) Hexachlorobutadiene	11.90	225	5856	3.839	ng	# 98
35) Caprolactam	12.45	113	1408	3.334	ng	# 42
36) 4-Chloro-3-methylphenol	12.82	107	4488	3.216	ng	# 98
37) 2-Methylnaphthalene	13.20	142	13030	3.841	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	10680	3.904	ng	# 94
40) Hexachlorocyclopentadiene	13.52	237	4967	2.906	ng	# 90

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Manual Integrations
 APPROVED

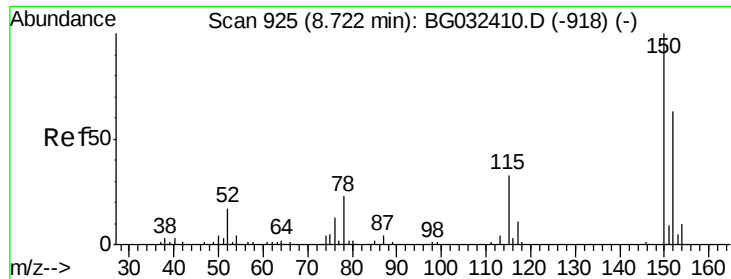
Sohil
 2/7/2018 4:14:40 PM

Quant Time: Feb 07 14:24:14 2018
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 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	13.79	196	5634m	3.787	nq	
43) 2,4,5-Trichlorophenol	13.86	196	4645	2.678	nq	# 87
45) 1,1'-Biphenyl	14.18	154	19256	3.898	nq	94
46) 2-Chloronaphthalene	14.23	162	14427	3.726	nq	94
47) 2-Nitroaniline	14.43	65	2571	3.003	nq	# 37
48) Acenaphthylene	15.07	152	21399	3.656	nq	95
49) Dimethylphthalate	14.77	163	19926	3.696	nq	97
50) 2,6-Dinitrotoluene	14.90	165	4117	3.638	nq	# 88
51) Acenaphthene	15.40	154	14253	3.511	nq	97
52) 3-Nitroaniline	15.24	138	1829m	1.851	nq	
53) 2,4-Dinitrophenol	15.47	184	93	4.229	nq	# 39
54) Dibenzofuran	15.74	168	23160	3.855	nq	97
55) 4-Nitrophenol	15.54	139	606	0.819	nq	# 71
56) 2,4-Dinitrotoluene	15.68	165	5353	3.323	nq	# 56
57) Fluorene	16.38	166	19695	3.945	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	6302	3.684	nq	# 82
59) Diethylphthalate	16.11	149	18966	3.612	nq	# 93
60) 4-Chlorophenyl-phenylether	16.36	204	12321	3.914	nq	98
61) 4-Nitroaniline	16.40	138	3166	2.989	nq	# 83
62) Azobenzene	16.65	77	11663	3.717	nq	# 77
64) 4,6-Dinitro-2-methylphenol	16.46	198	1602	1.468	nq	# 60
65) n-Nitrosodiphenylamine	16.57	169	18069	4.145	nq	91
66) 4-Bromophenyl-phenylether	17.25	248	8468	3.913	nq	89
67) Hexachlorobenzene	17.37	284	9653	4.031	nq	# 88
68) Atrazine	17.49	200	7635	4.080	nq	89
69) Pentachlorophenol	17.72	266	2551	1.700	nq	93
70) Phenanthrene	18.12	178	32984	4.049	nq	96
71) Anthracene	18.21	178	32761	4.039	nq	97
72) Carbazole	18.48	167	27725	3.869	nq	99
73) Di-n-butylphthalate	18.97	149	32038	4.038	nq	# 96
74) Fluoranthene	20.08	202	34473	3.227	nq	94
76) Benzidine	20.26	184	990	0.265	nq	# 66
77) Pyrene	20.44	202	44718	3.828	nq	96
79) Butylbenzylphthalate	21.29	149	15019	4.076	nq	# 77
80) Benzo(a)anthracene	22.38	228	48173	4.080	nq	99
81) 3,3'-Dichlorobenzidine	22.27	252	8189	1.790	nq	# 97
82) Chrysene	22.45	228	45505	3.991	nq	96
83) Bis(2-ethylhexyl)phthalate	22.21	149	19771	3.784	nq	# 91
84) Di-n-octyl phthalate	23.58	149	34891	4.210	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.30	276	64668	4.483	nq	# 65
87) Benzo(b)fluoranthene	24.89	252	52731	4.091	nq	# 98
88) Benzo(k)fluoranthene	24.96	252	49475	3.875	nq	# 91
89) Benzo(a)pyrene	25.89	252	49409	4.021	nq	# 89
90) Dibenzo(a,h)anthracene	30.37	278	50841	4.044	nq	95
91) Benzo(g,h,i)perylene	31.63	276	53794	4.311	nq	# 91

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



#1

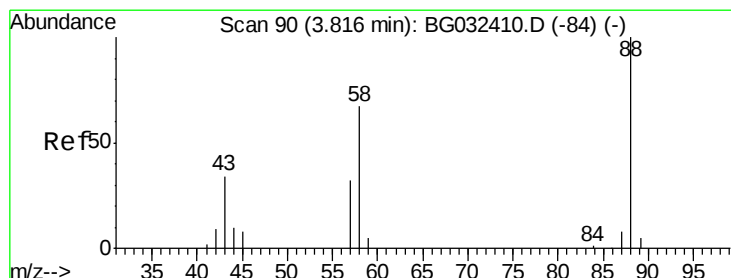
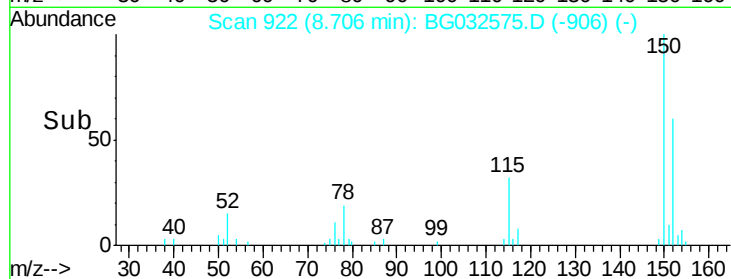
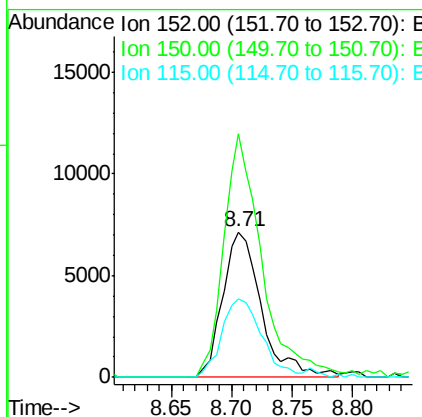
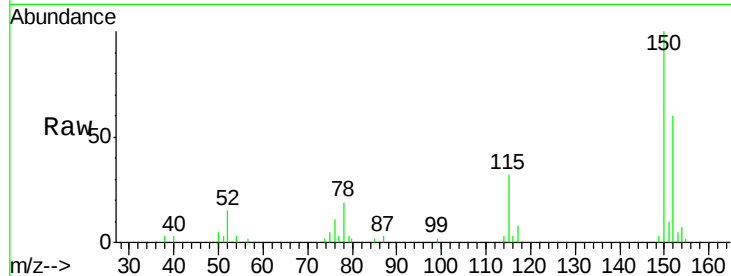
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.6	126.6	189.8
115	54.0	53.0	79.4

Manual Integrations
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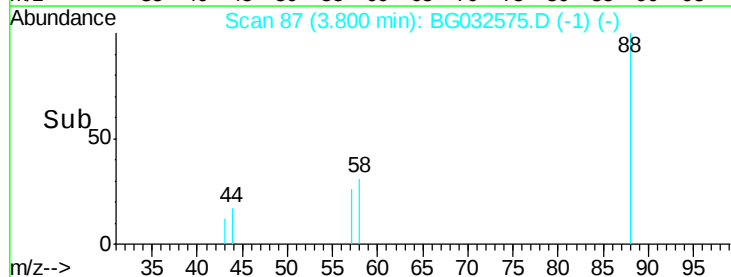
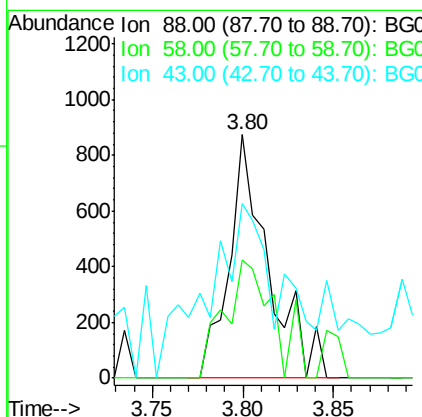
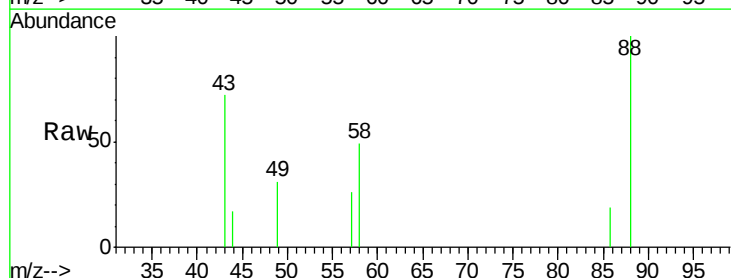
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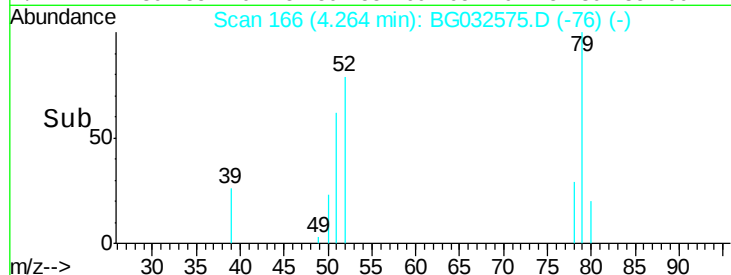
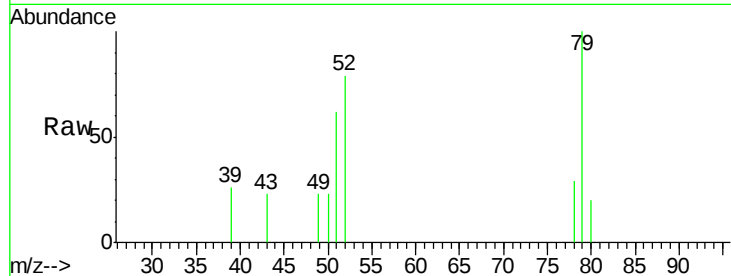
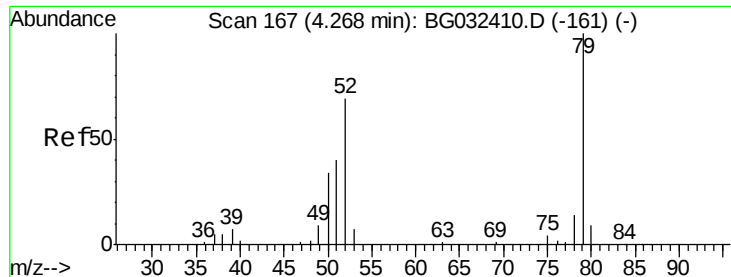


#2

1,4-Dioxane
Concen: 4.936 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	79.6	119.4#
43	104.2	27.4	41.0#





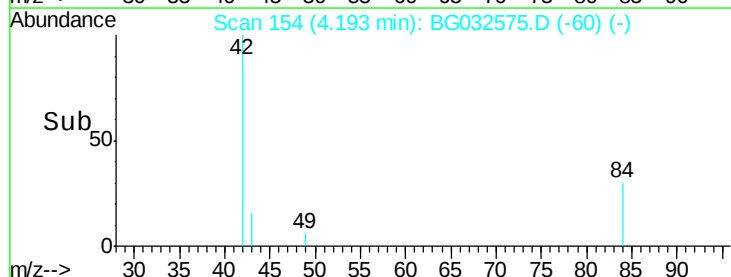
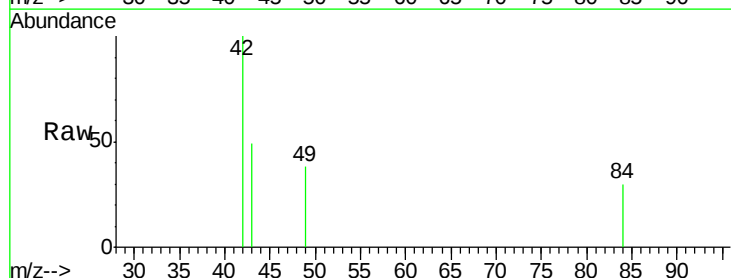
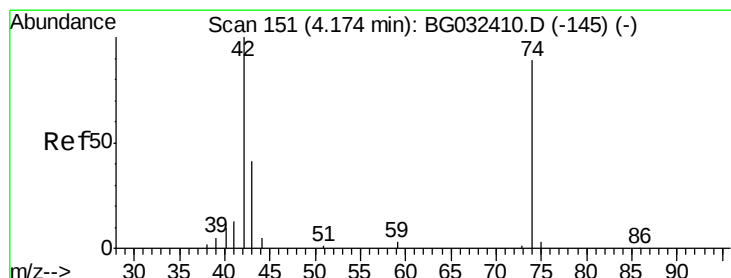
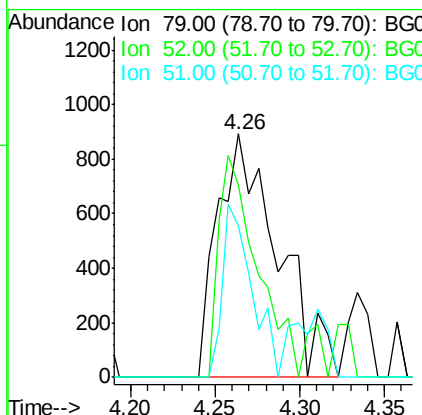
#3
 Pvridine
 Concen: 3.078 ng
 RT: 4.26 min Scan# 166
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.1	69.9	104.9
51	62.4	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

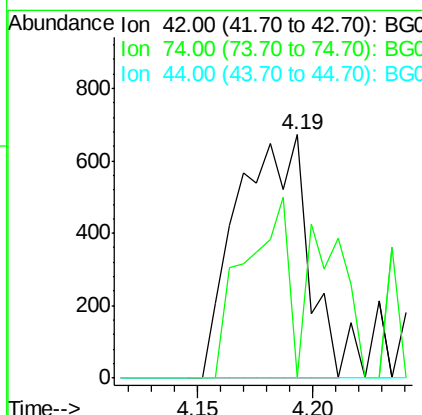
Manual Integrations
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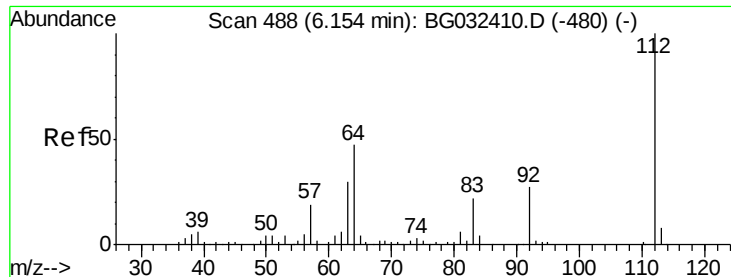
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#4
 n-Nitrosodimethylamine
 Concen: 3.738 ng
 RT: 4.19 min Scan# 154
 Delta R.T. 0.02 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7
44	0.0	18.9	28.3





#5

2-Fluorophenol

Concen: 183.757 ng

RT: 6.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

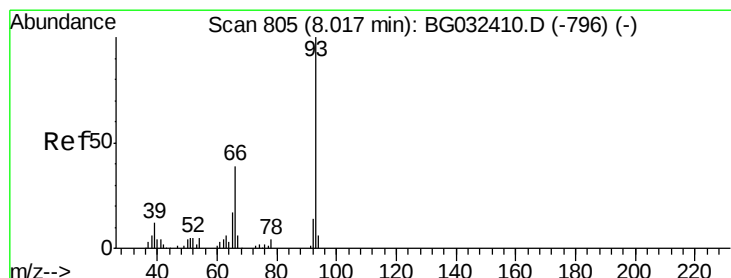
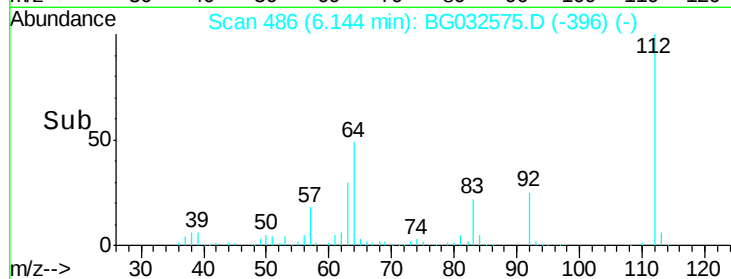
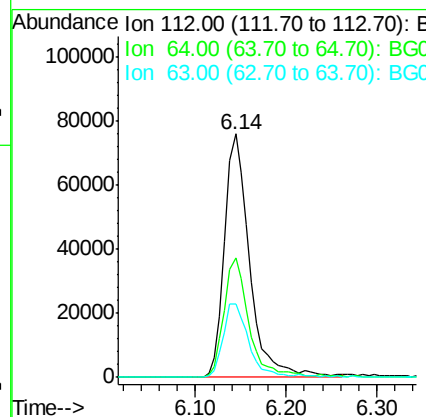
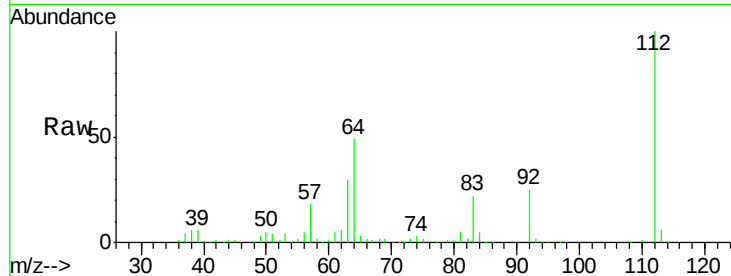
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	112	Resp:	145949
Ion Ratio	Lower	Upper	
112	100		
64	49.1	56.3	84.5#
63	30.2	30.1	45.1

Manual Integrations
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2/7/2018 4:14:40 PM



#6

Aniline

Concen: 0.937 ng

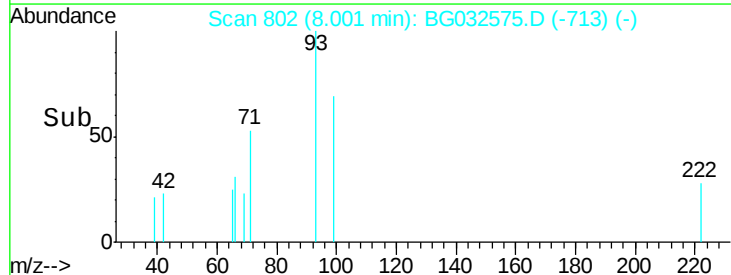
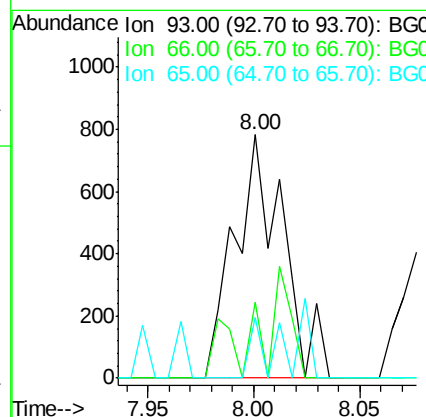
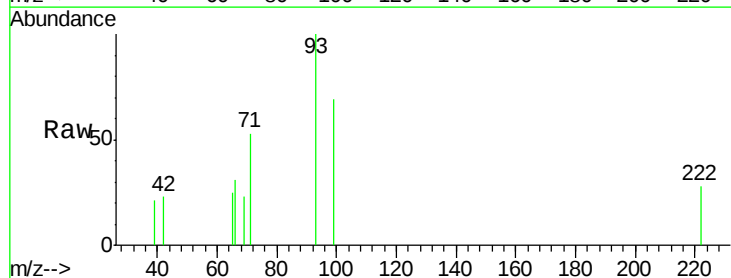
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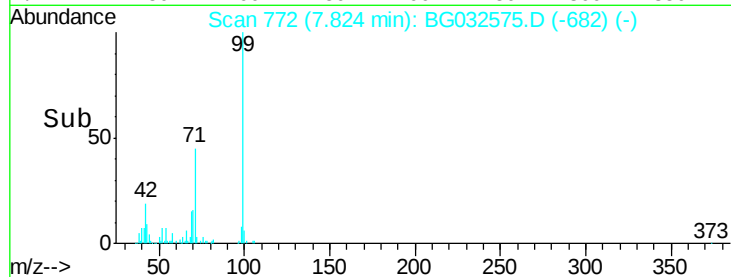
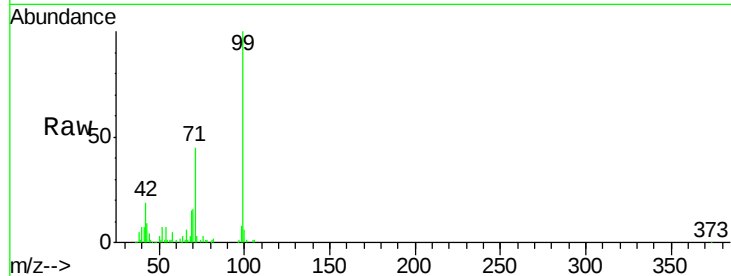
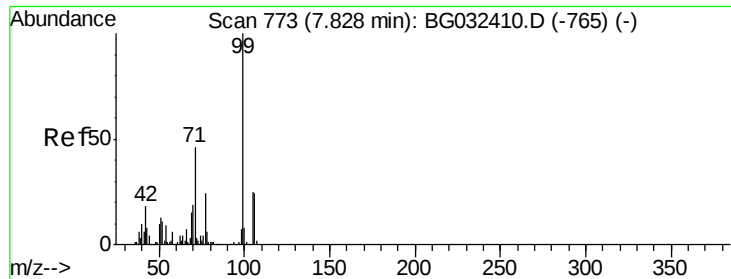
Delta R.T. -0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion:	93	Resp:	1238
Ion Ratio	Lower	Upper	
93	100		
66	31.4	33.7	50.5#
65	25.2	16.1	24.1#





#7

Phenol-d6

Concen: 150.162 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		159151		
42	19.0	14.1	21.1		
71	44.9	26.1	39.1		

Instrument :

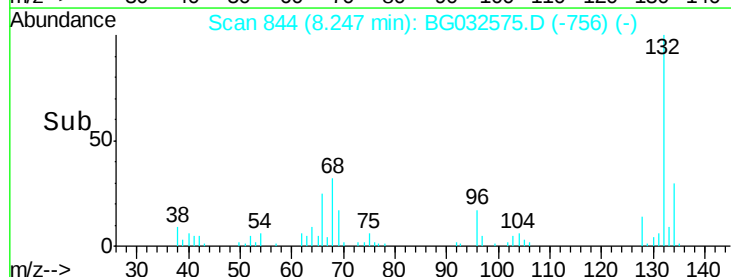
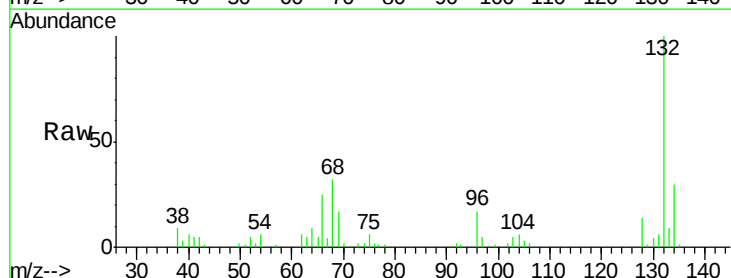
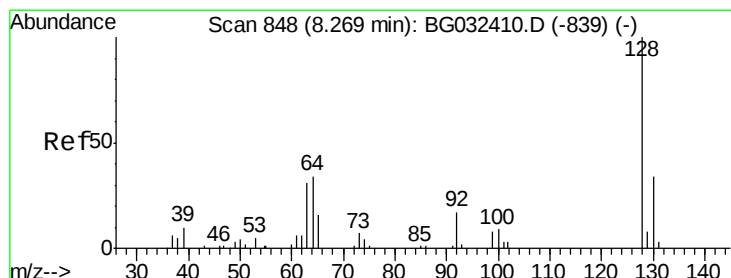
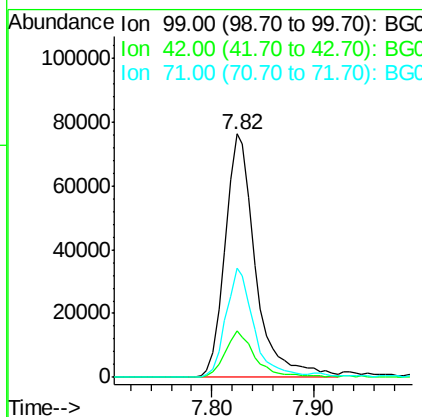
BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2018

Manual Integrations
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#8

2-Chlorophenol

Concen: 5.657 ng

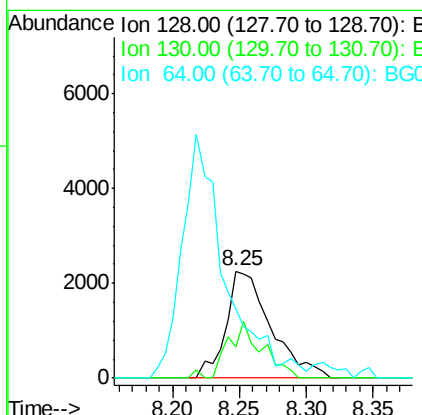
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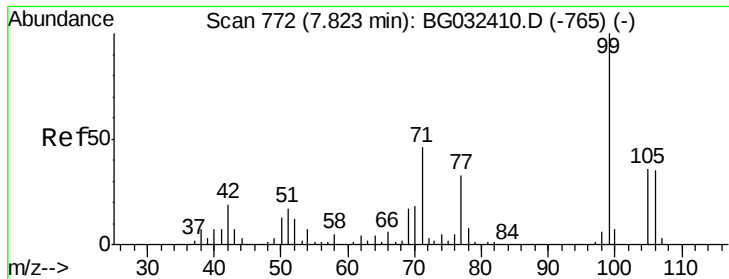
Delta R.T. -0.01 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		5311		
130	28.6	14.0	54.0		
64	65.3	37.7	77.7		





#9

Benzaldehyde

Concen: 5.199 ng

RT: 7.82 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

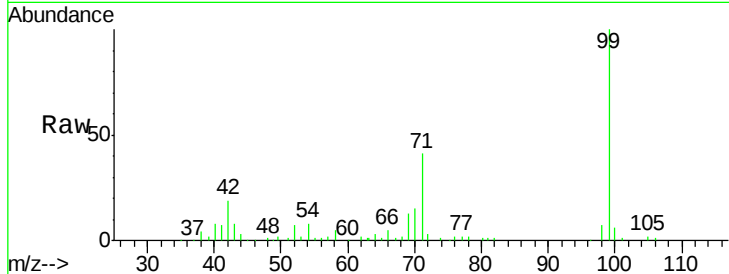
ClientSampleId :

MDL-WATER-03-QT1-2018

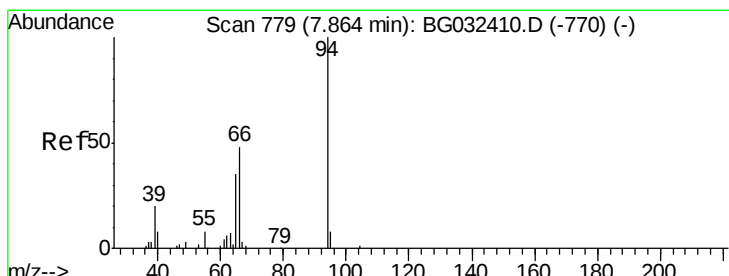
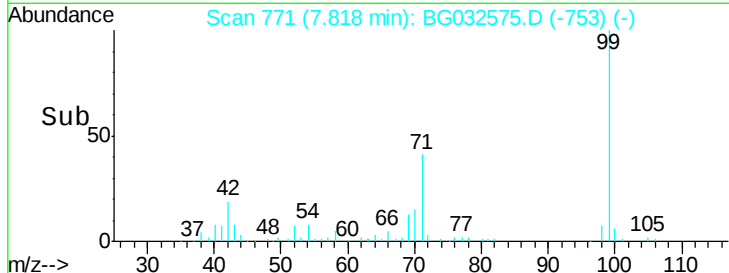
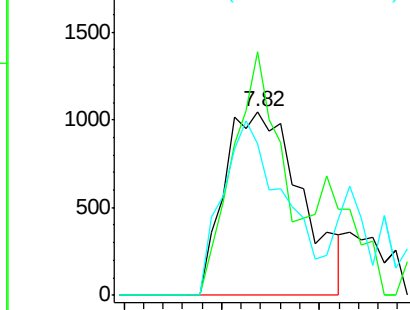
Tot Ion:	77	Resp:	2846
Ion	Ratio	Lower	Upper
77	100		
105	132.6	71.3	111.3#
106	82.4	64.2	104.2

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



#10

Phenol

Concen: 4.962 ng

RT: 7.85 min Scan# 776

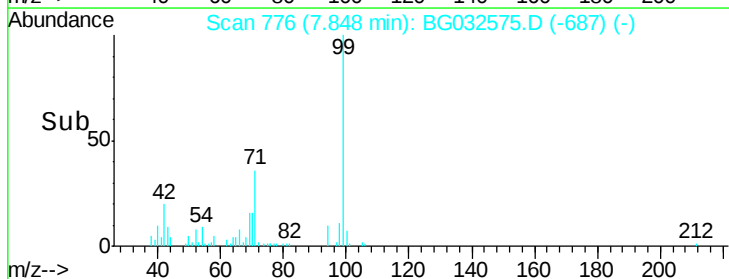
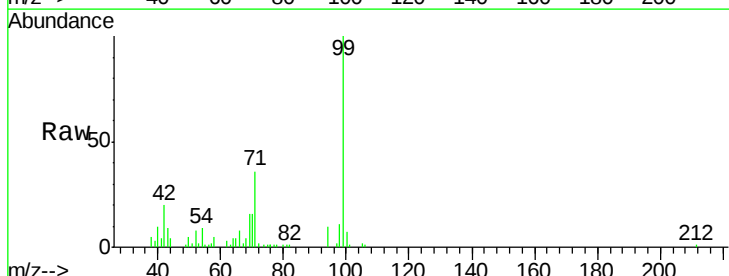
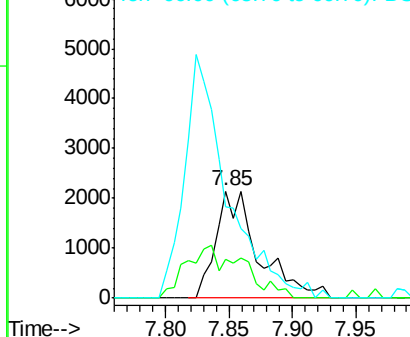
Delta R.T. -0.00 min

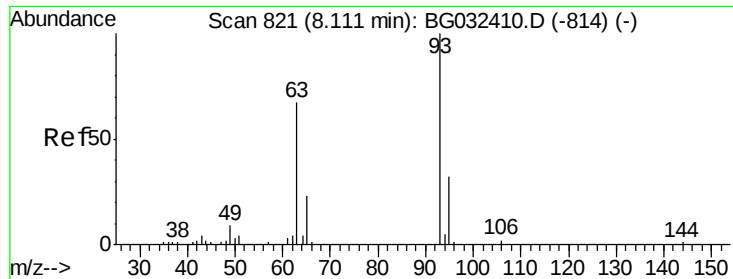
Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion:	94	Resp:	4994
Ion	Ratio	Lower	Upper
94	100		
65	35.8	11.9	51.9
66	85.1	22.2	62.2#

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





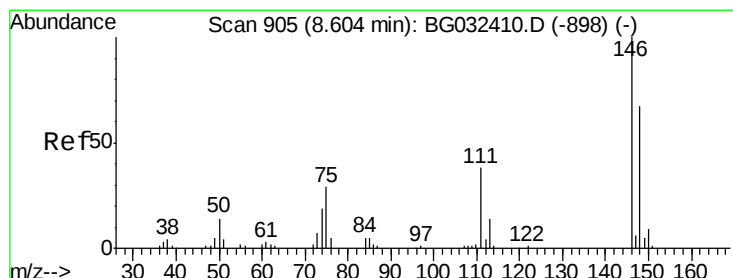
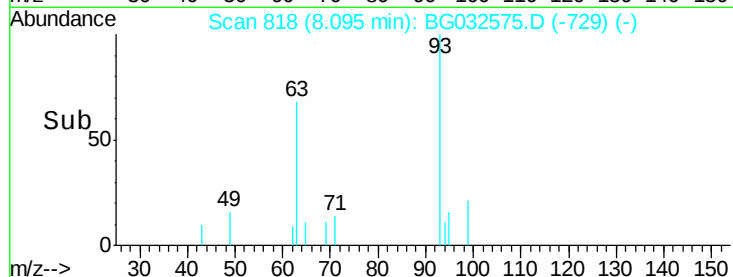
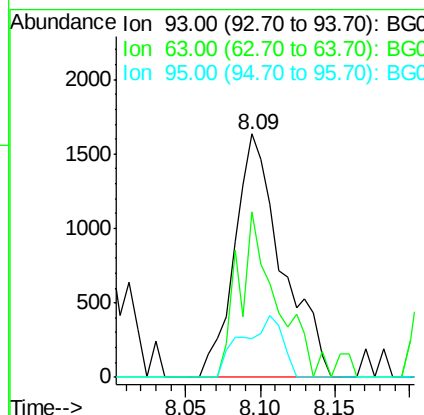
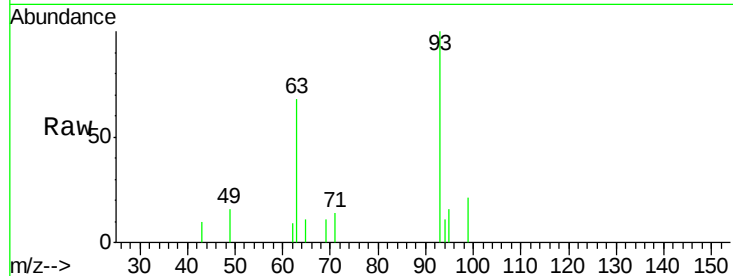
#11
bis(2-Chloroethyl)ether
Concen: 4.713 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	67.1	107.1
95	16.1	11.5	51.5

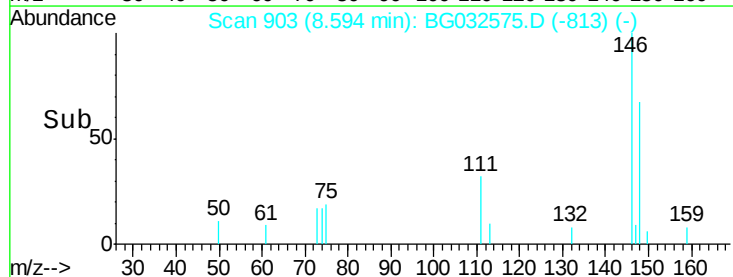
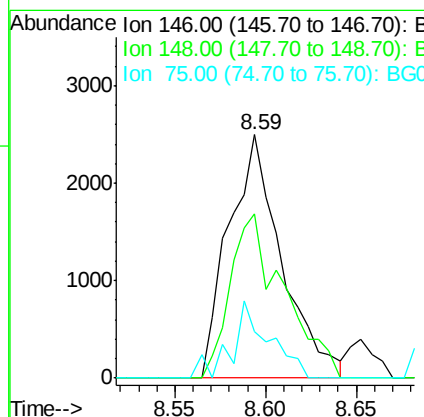
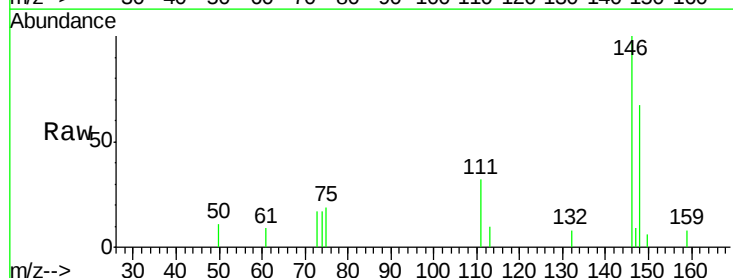
Manual Integrations
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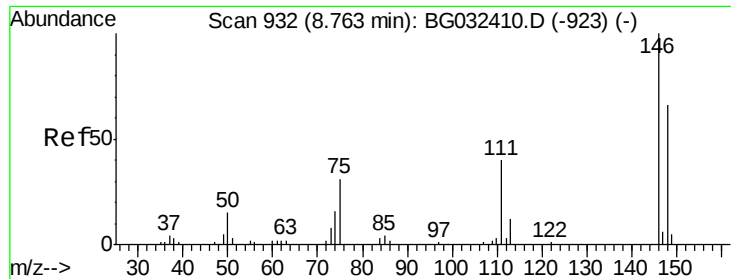
Sohil
2/7/2018 4:14:40 PM



#12
1,3-Dichlorobenzene
Concen: 3.977 ng
RT: 8.59 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.4	77.2
75	19.1	26.6	39.8#





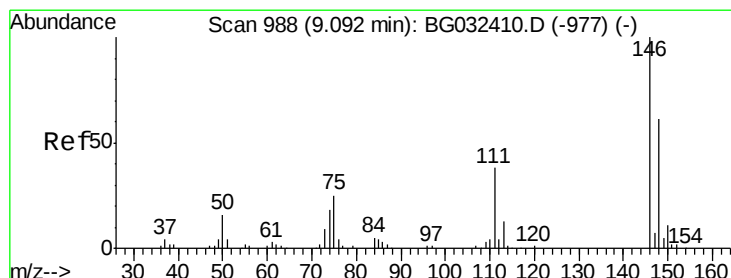
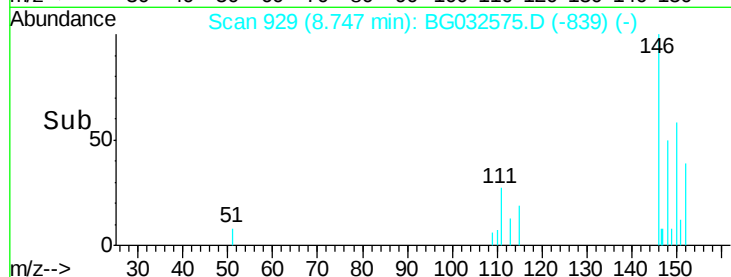
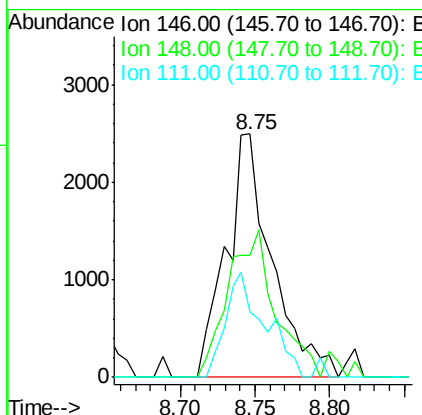
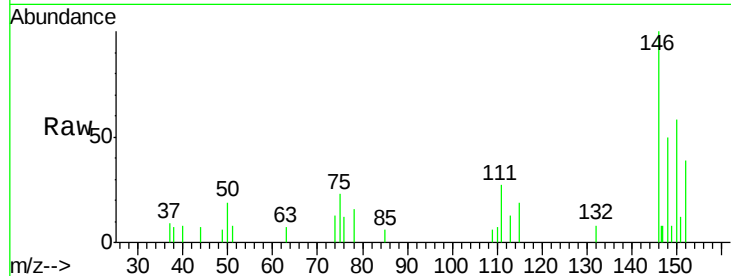
#13
 1,4-Dichlorobenzene
 Concen: 4.176 ng
 RT: 8.75 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	46.4	53.7	80.5#
111	24.9	35.2	52.8#

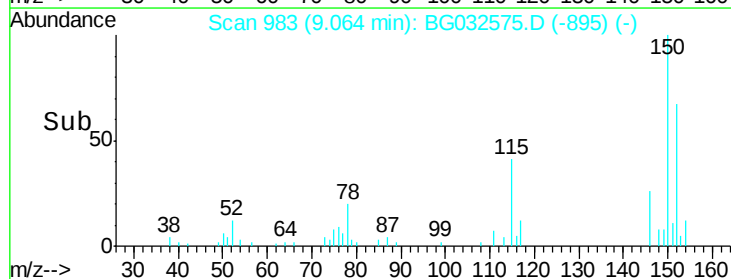
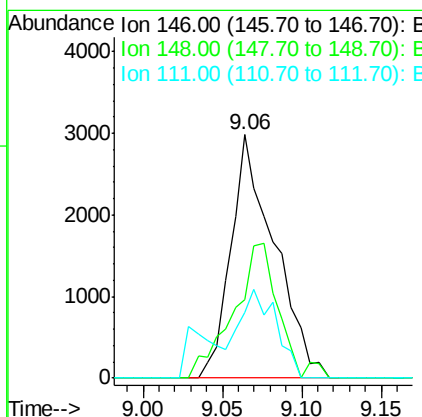
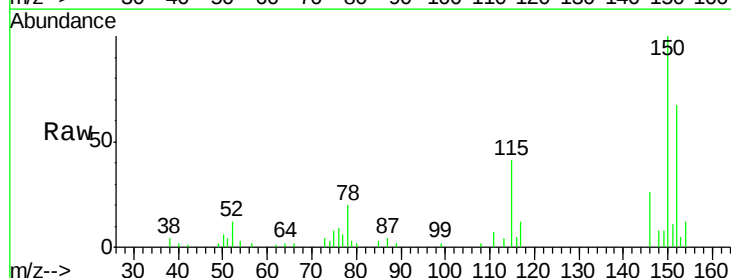
Manual Integrations
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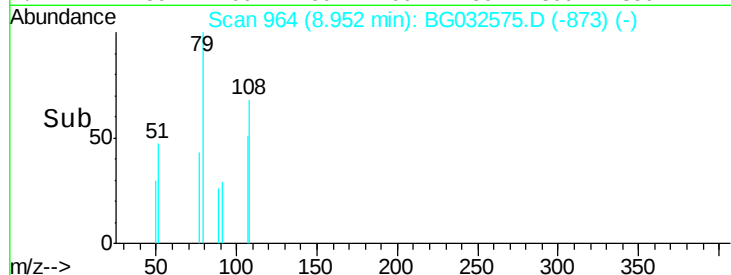
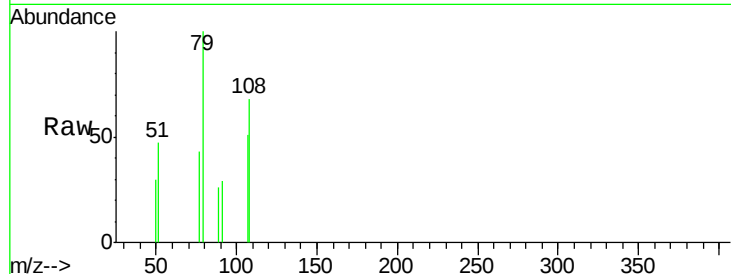
Sohil
 2/7/2018 4:14:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 4.556 ng
 RT: 9.06 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	32.0	49.3	73.9#
111	26.9	34.3	51.5#





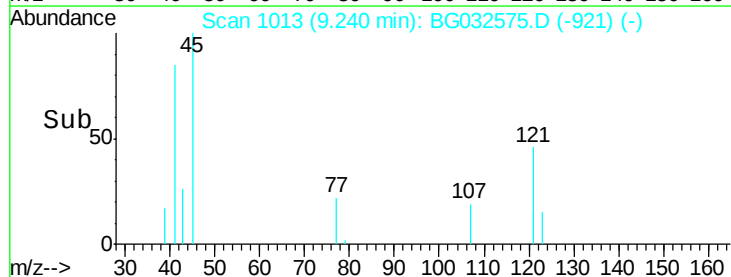
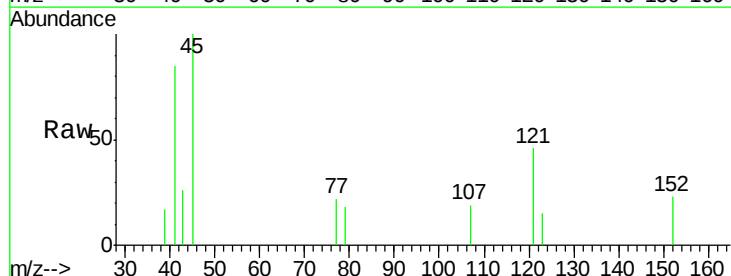
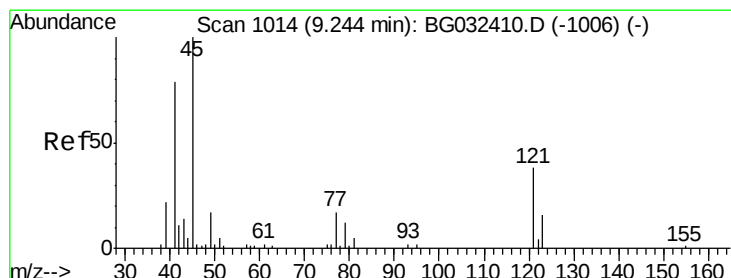
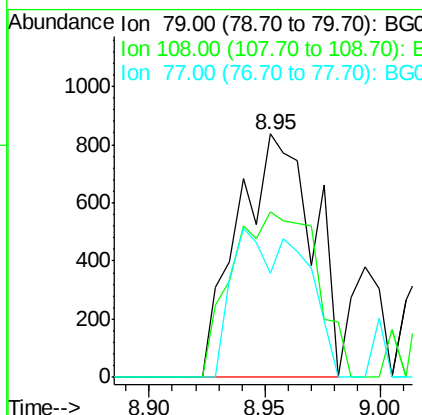
#15
Benzyl Alcohol
Concen: 2.147 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.1	57.2	85.8
77	42.9	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

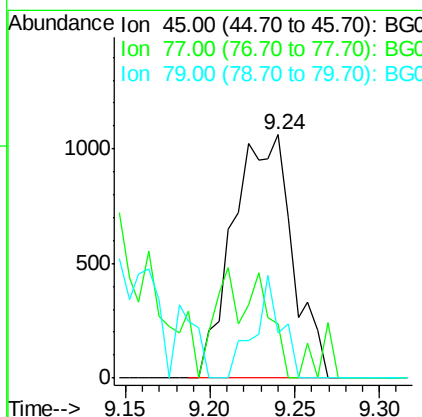
Manual Integrations
APPROVED

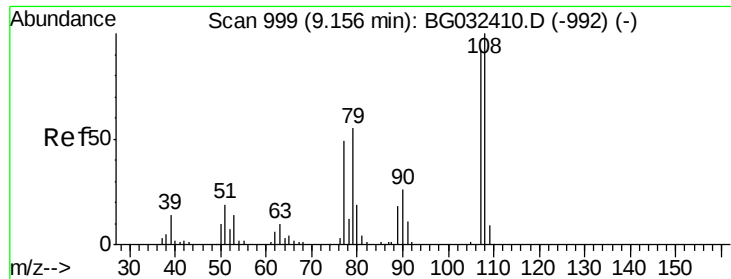
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.552 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	30.2
79	18.5	0.0	27.9





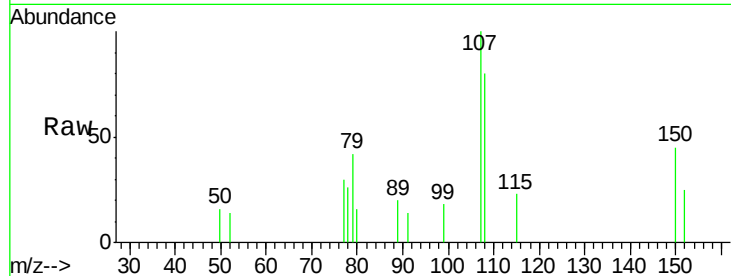
#17
2-Methylphenol
Concen: 3.185 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
107	100		
108	80.5	83.9	125.9#
77	30.4	37.2	55.8#
79	41.8	36.2	54.2

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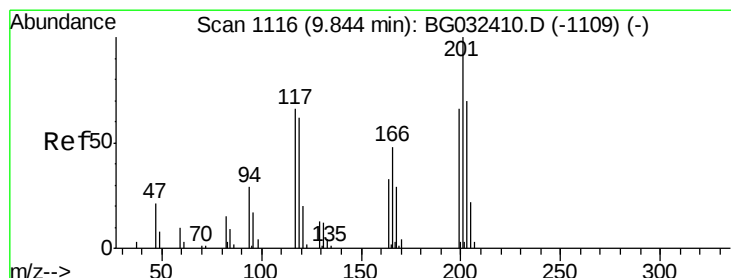
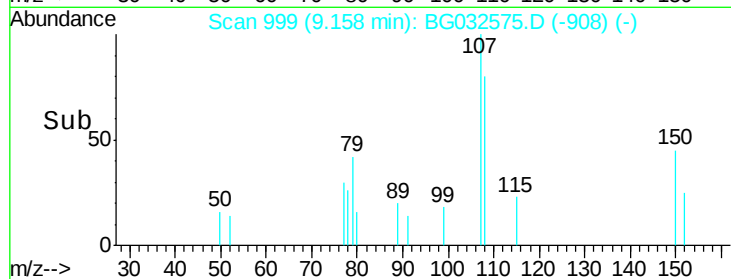
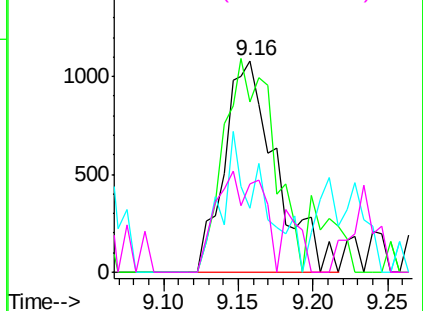
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

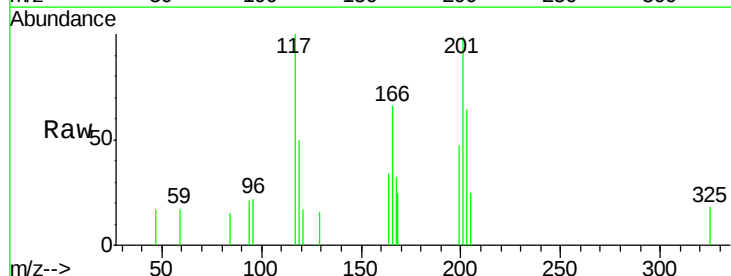
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 4.295 ng
RT: 9.83 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	50.4	76.7	115.1#
201	98.5	95.7	143.5

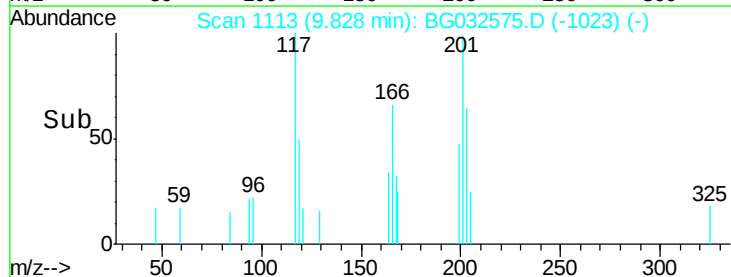
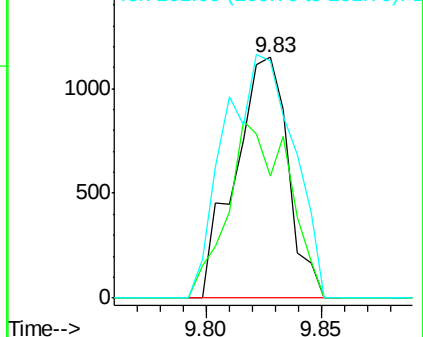


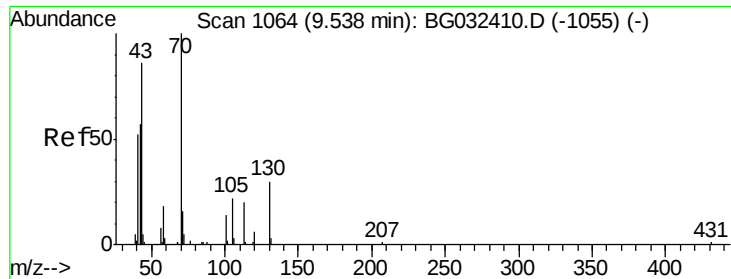
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





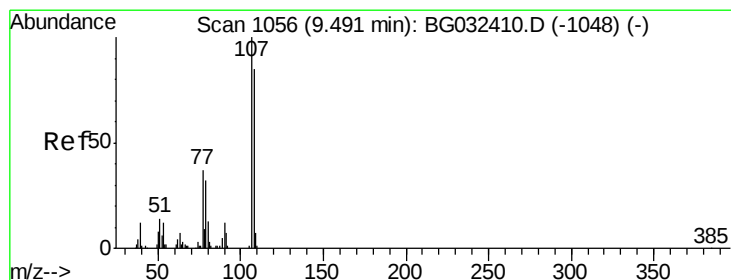
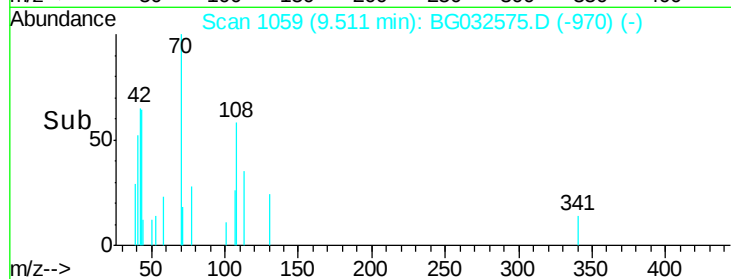
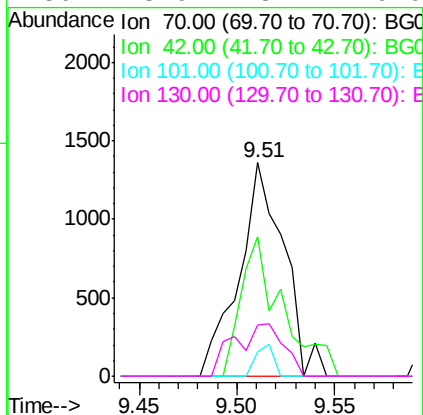
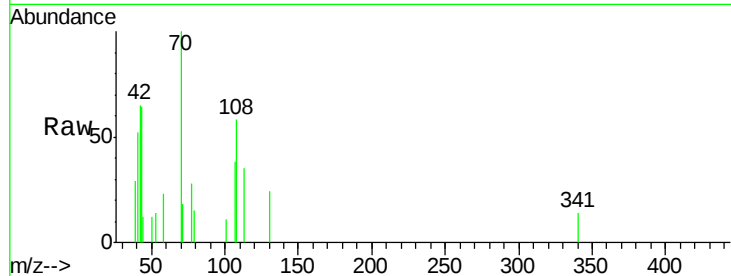
#19
n-Nitroso-di-n-propylamine
Concen: 3.067 ng
RT: 9.51 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.1	49.1	73.7	
101	11.5	8.5	12.7	
130	23.9	13.4	20.0	

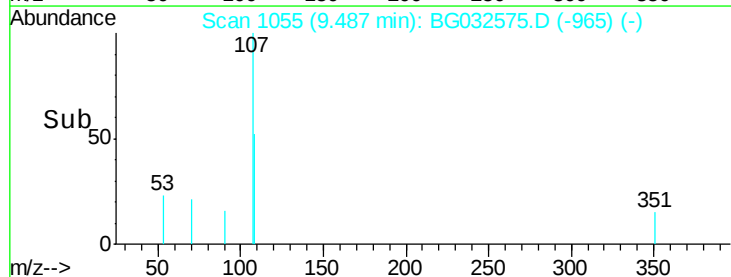
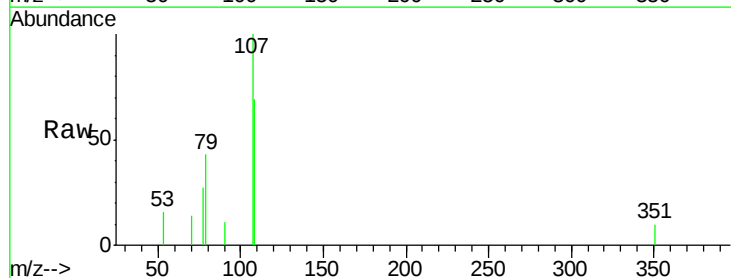
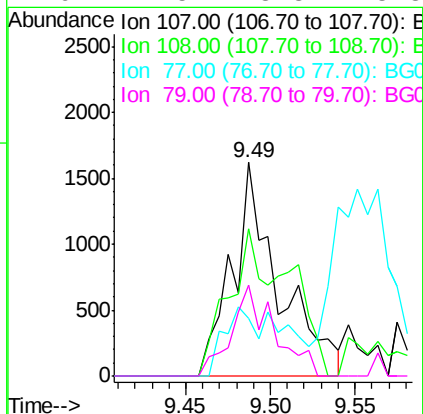
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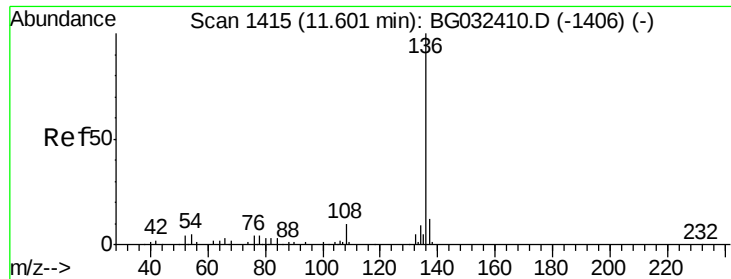
Sohil
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#20
3+4-Methylphenols
Concen: 2.700 ng
RT: 9.49 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	68.9	61.6	101.6	
77	27.0	13.9	53.9	
79	42.5	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

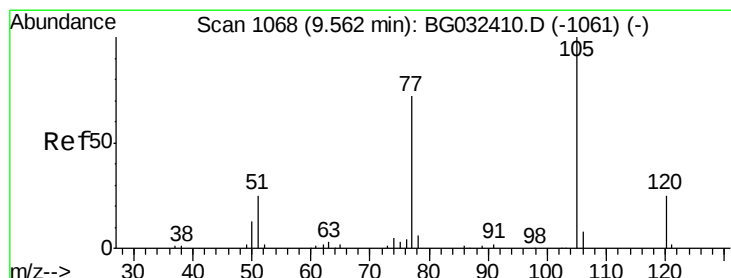
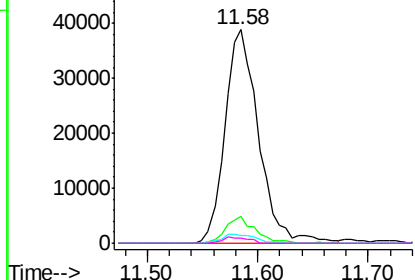
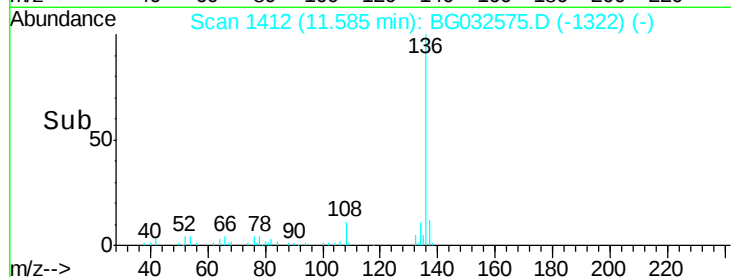
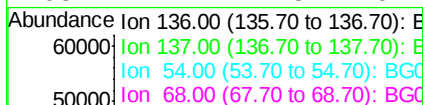
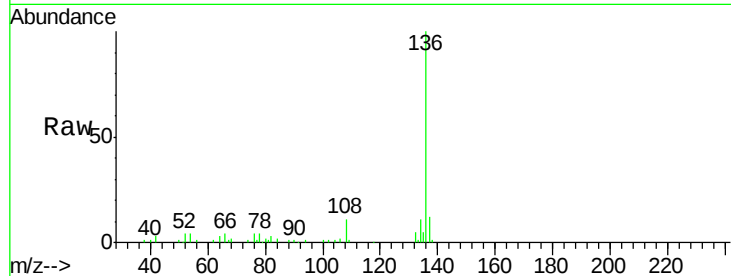
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	3.7	10.3	15.5#
68	2.2	4.5	6.7#

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#22

Acetophenone

Concen: 2.412 ng

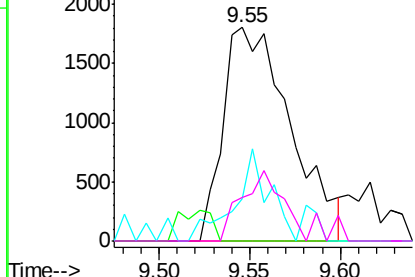
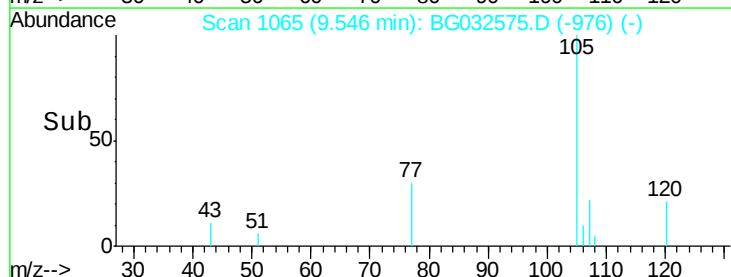
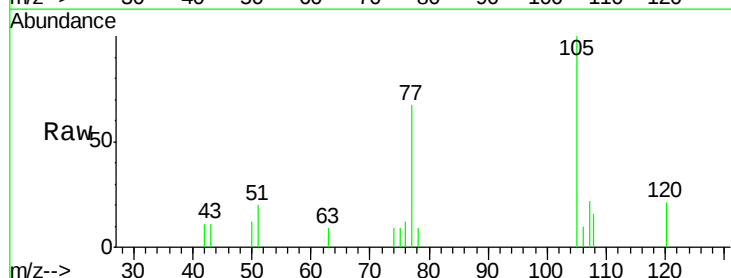
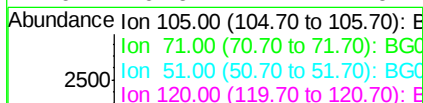
RT: 9.55 min Scan# 1065

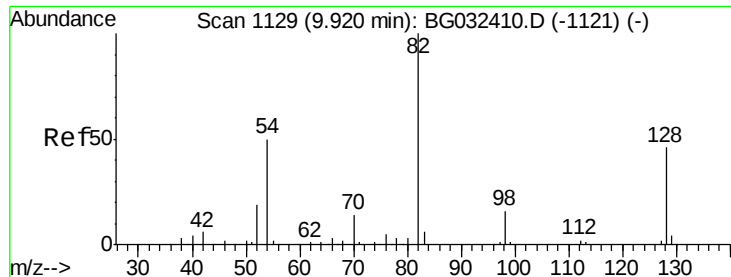
Delta R.T. -0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	19.8	26.1	39.1#
120	20.6	17.4	26.2





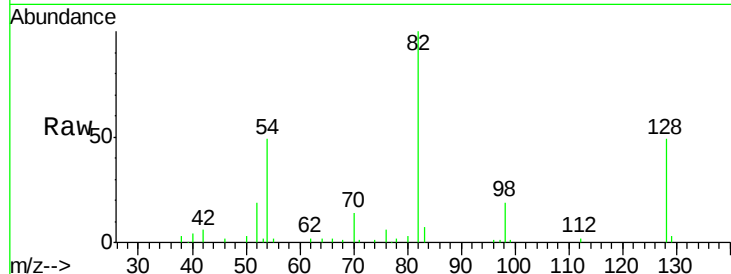
#23
Nitrobenzene-d5
Concen: 70.268 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

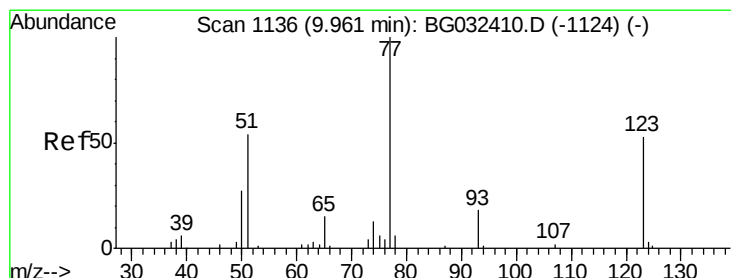
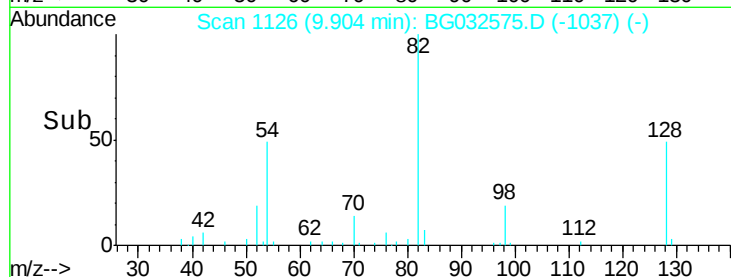
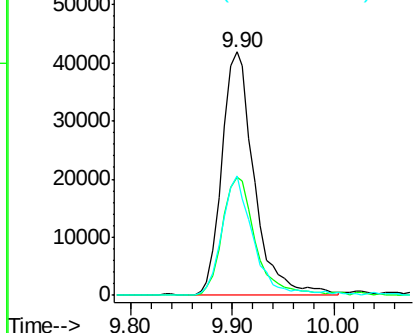
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	29.7	44.5
54	48.9	43.1	64.7

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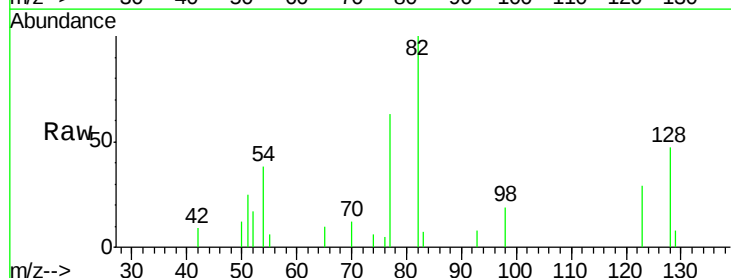


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

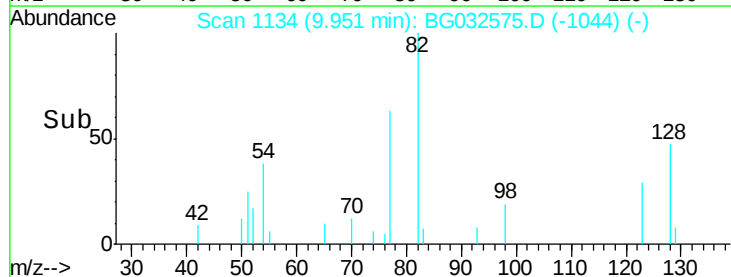
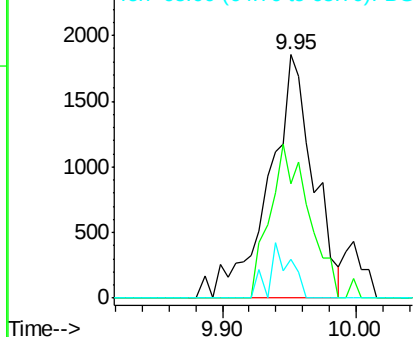


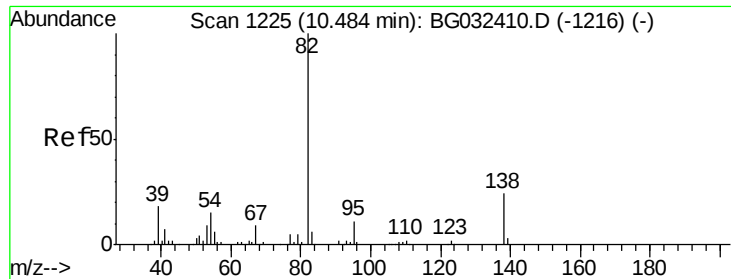
#24
Nitrobenzene
Concen: 3.342 ng
RT: 9.95 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	33.0	49.6
65	16.2	13.0	19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 3.686 ng

RT: 10.47 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

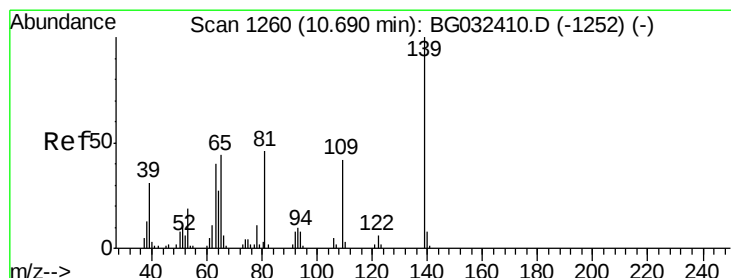
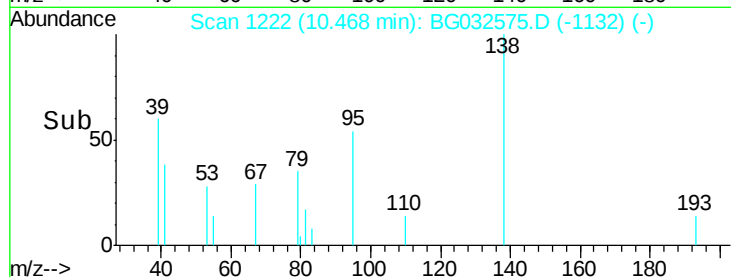
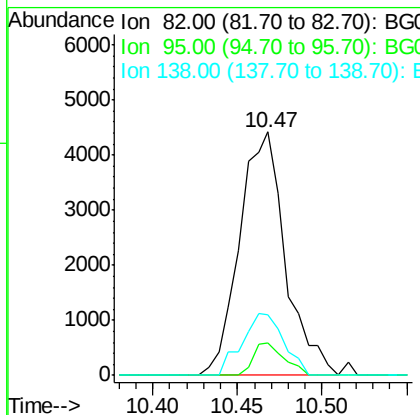
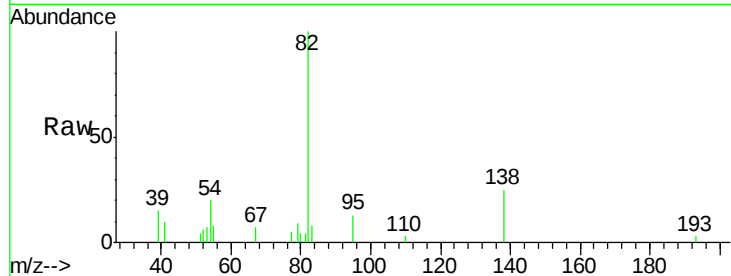
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	82	Resp:	8307
Ion	Ratio	Lower	Upper
82	100		
95	13.5	6.2	9.2#
138	25.0	12.1	18.1#

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#26

2-Nitrophenol

Concen: 2.868 ng

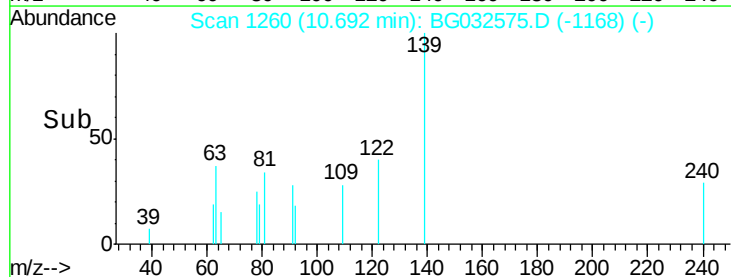
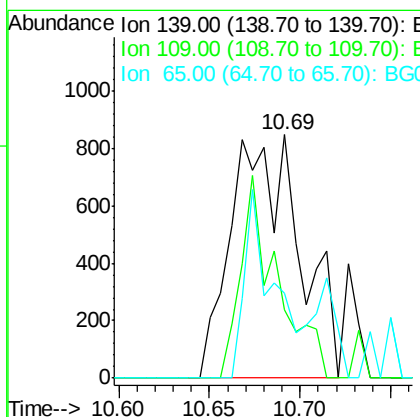
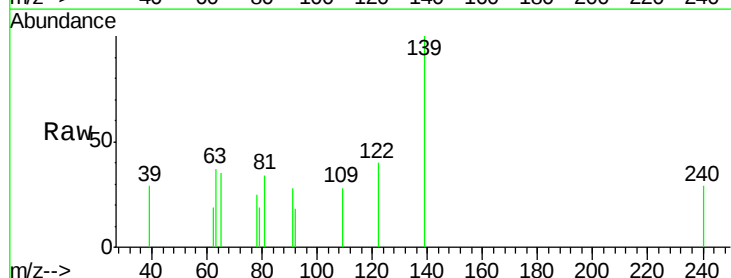
RT: 10.69 min Scan# 1260

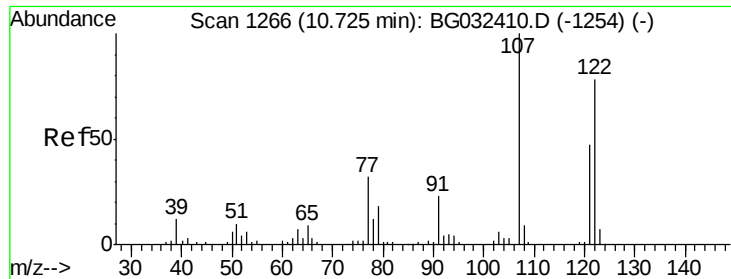
Delta R.T. 0.01 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion:	139	Resp:	2219
Ion	Ratio	Lower	Upper
139	100		
109	28.3	24.2	36.2
65	34.9	47.4	71.0#





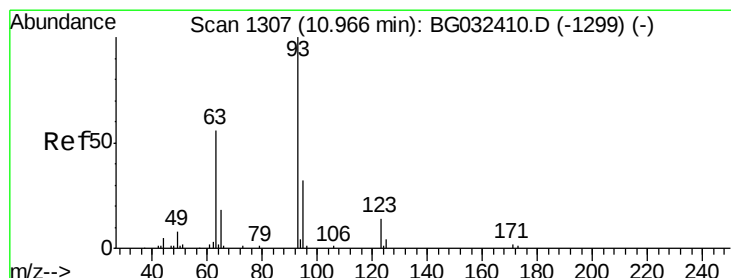
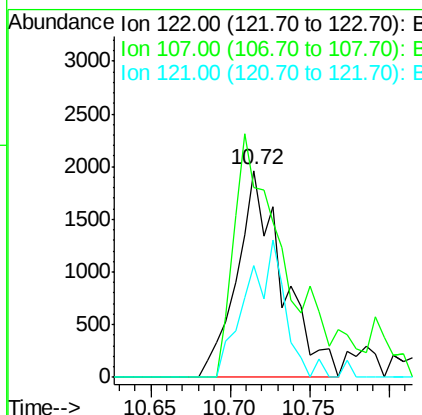
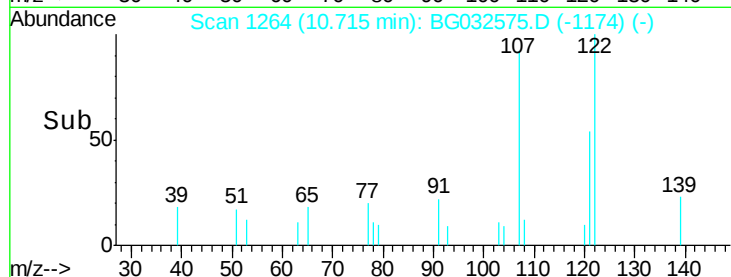
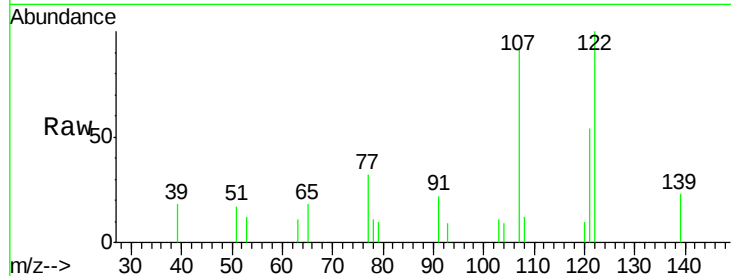
#27
 2,4-Dimethylphenol
 Concen: 3.533 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	92.0	100.2	150.2#
121	54.2	44.4	66.6

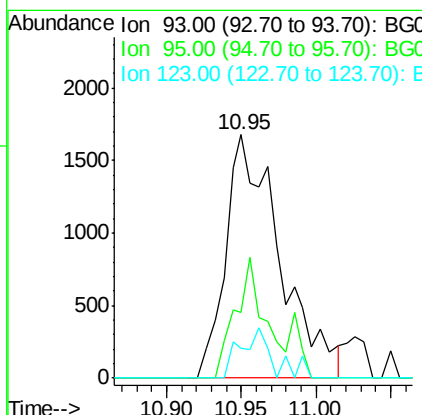
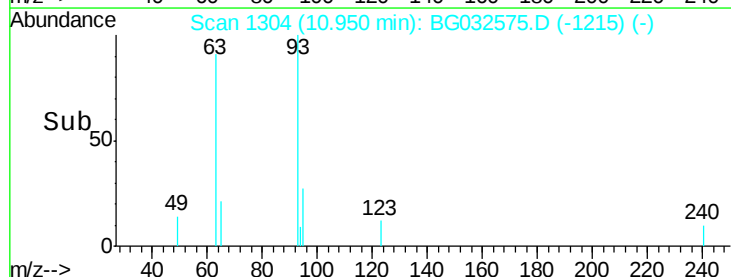
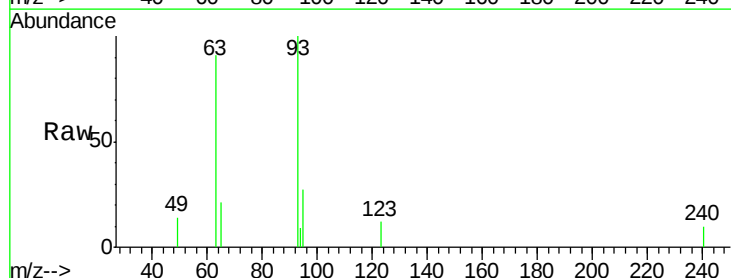
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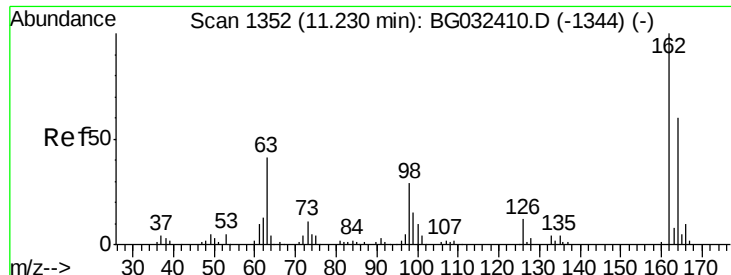
Sohil
 2/7/2018 4:14:40 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.438 ng
 RT: 10.95 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	27.1	24.3	36.5
123	12.0	8.4	12.6





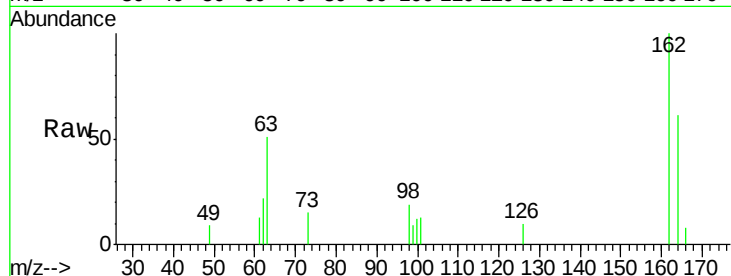
#29
 2,4-Dichlorophenol
 Concen: 3.155 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

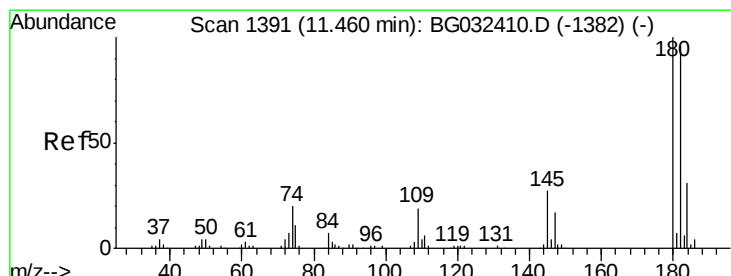
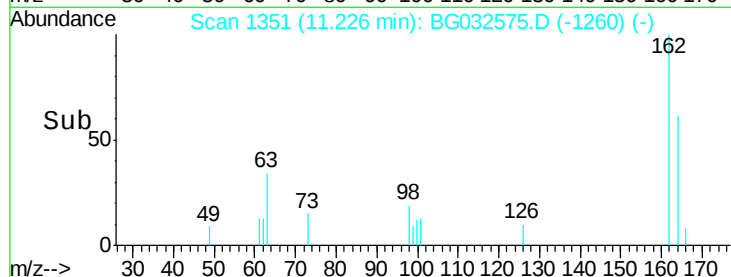
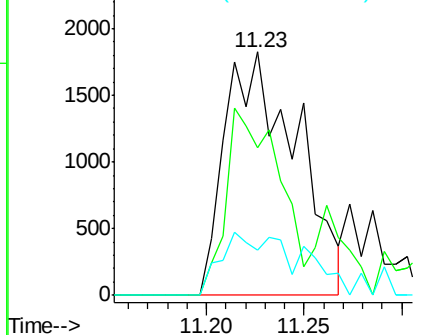
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	48.0	88.0
98	18.6	21.1	61.1

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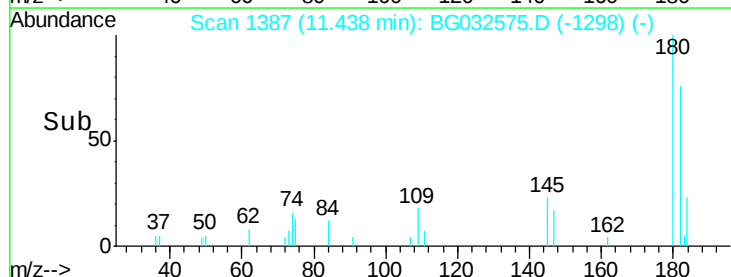
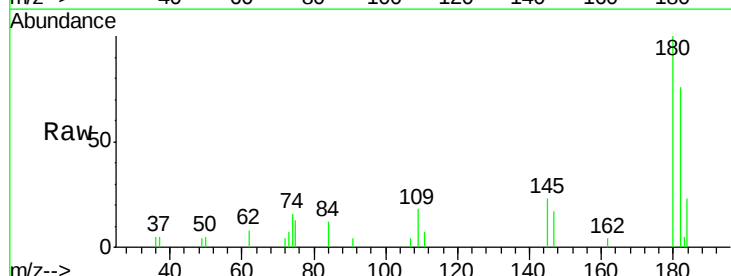
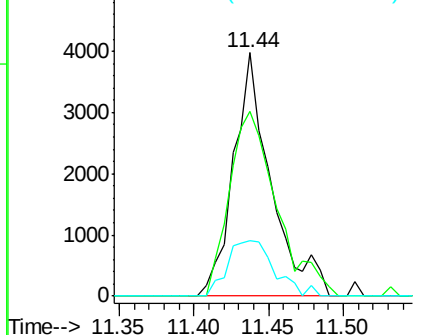
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

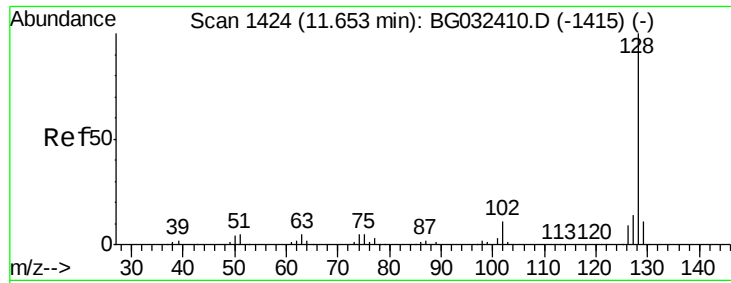


#30
 1,2,4-Trichlorobenzene
 Concen: 3.552 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	75.7	77.5	116.3
145	22.8	23.4	35.2

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





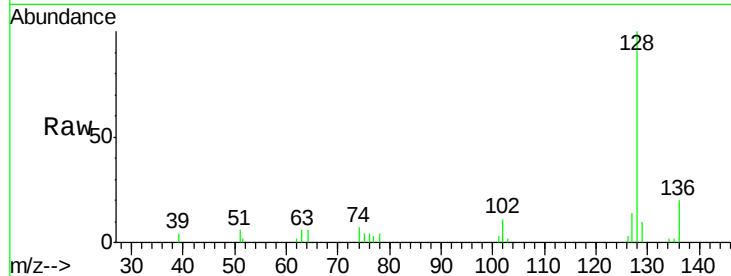
#31
Naphthalene
Concen: 3.877 ng
RT: 11.64 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

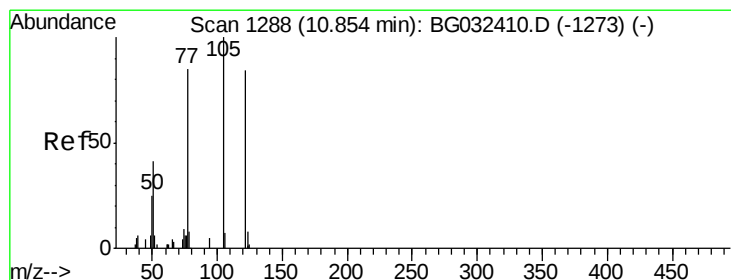
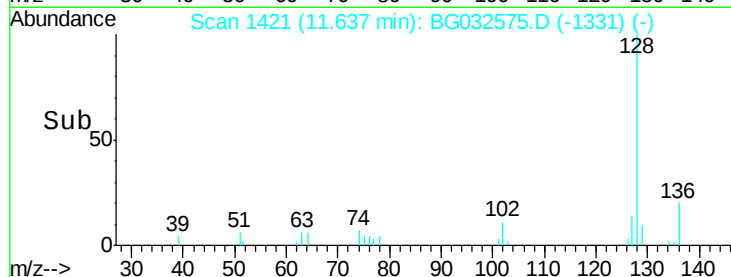
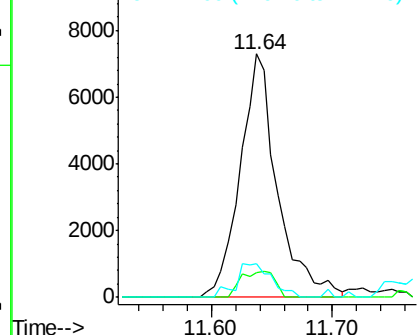
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	13.6	11.6	17.4

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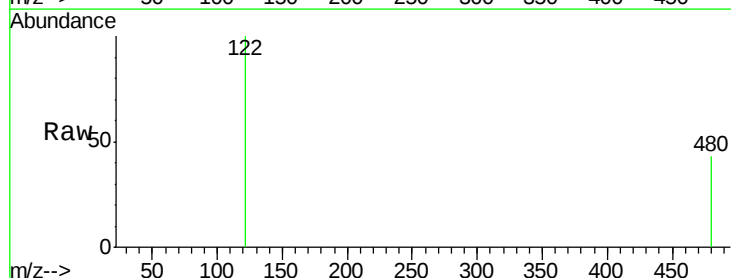


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

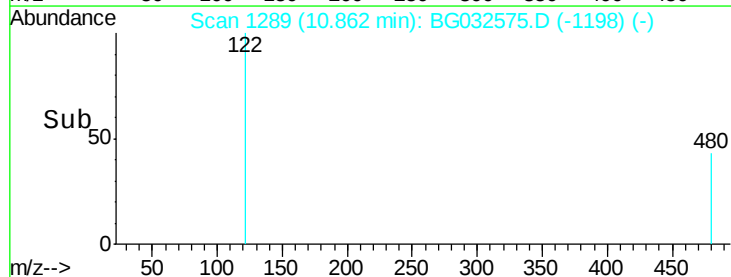
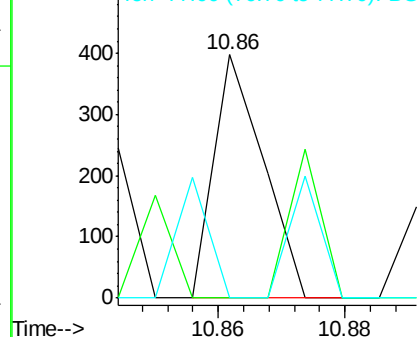


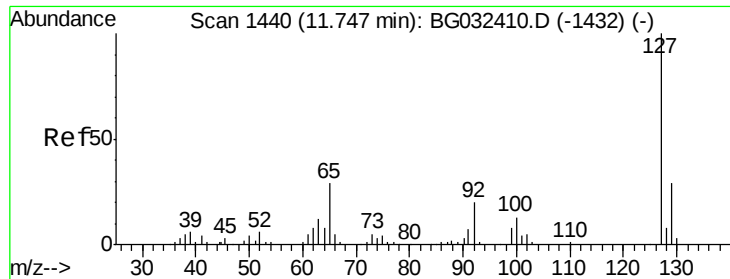
#32
Benzoic acid
Concen: 7.500 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





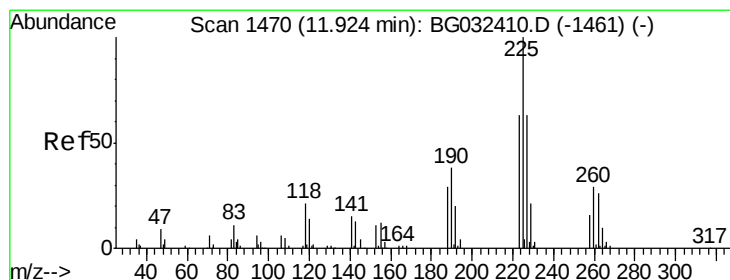
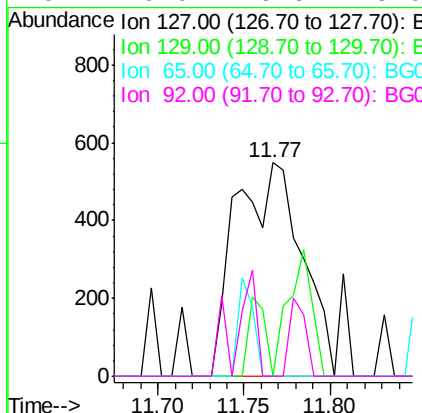
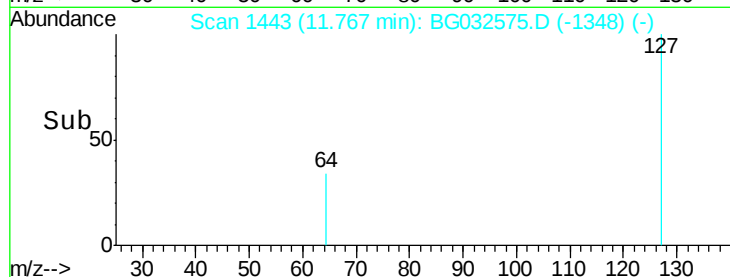
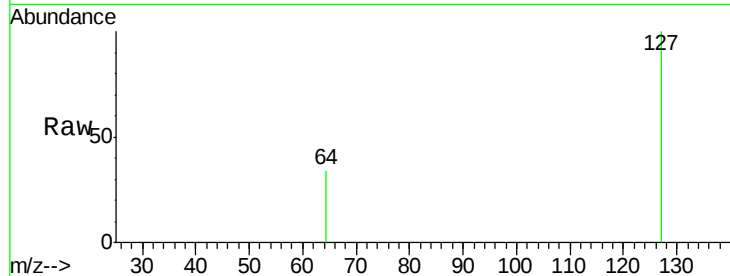
#33
4-Chloroaniline
Concen: 0.804 ng/mL
RT: 11.77 min Scan# 1443
Delta R.T. 0.03 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

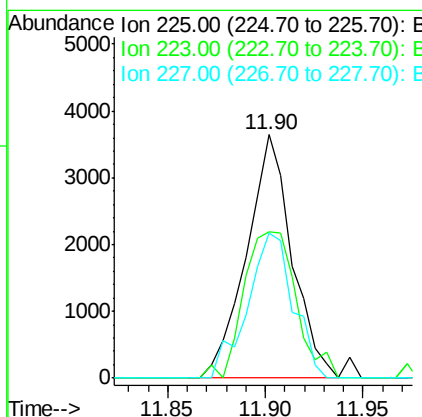
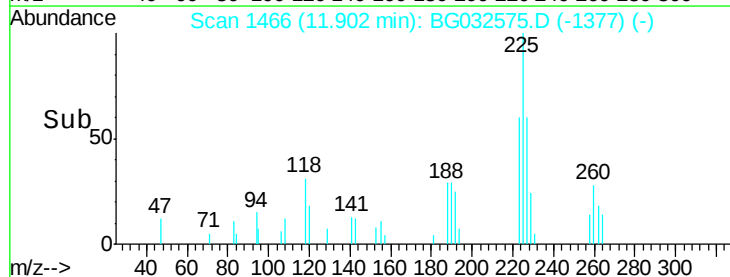
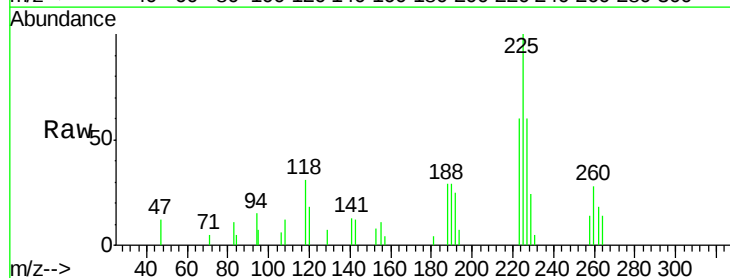
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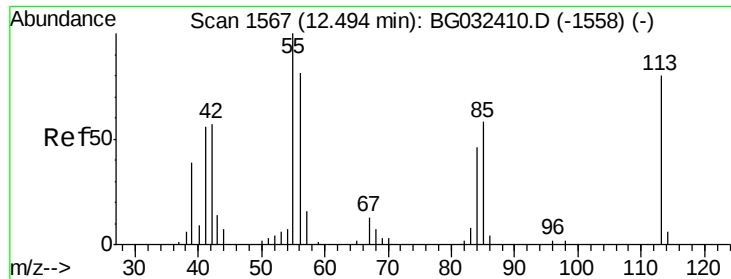
Sohil
2/7/2018 4:14:40 PM



#34
Hexachlorobutadiene
Concen: 3.839 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.7	74.5
227	59.7	48.1	72.1





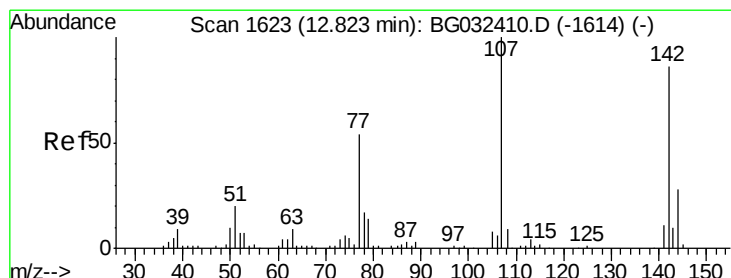
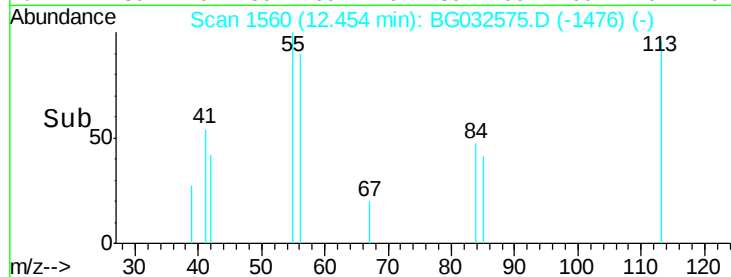
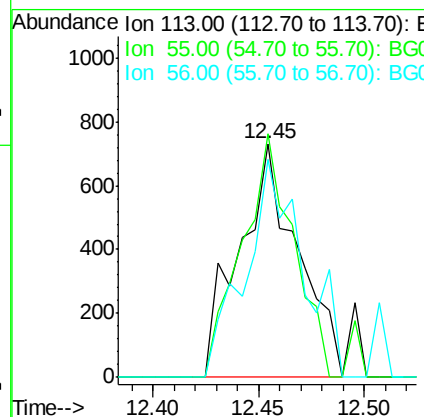
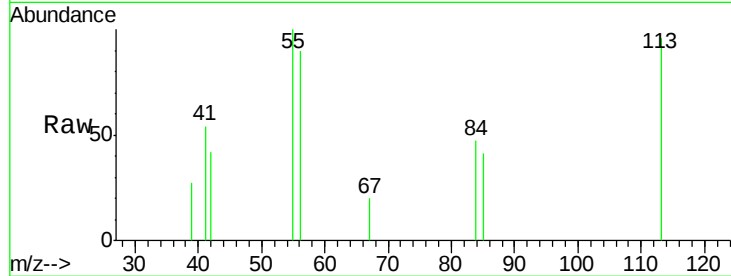
#35
 Caprolactam
 Concen: 3.334 ng
 RT: 12.45 min Scan# 1560
 Delta R.T. -0.03 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
113	100		
55	104.1	186.9	226.9#
56	93.2	130.9	170.9#

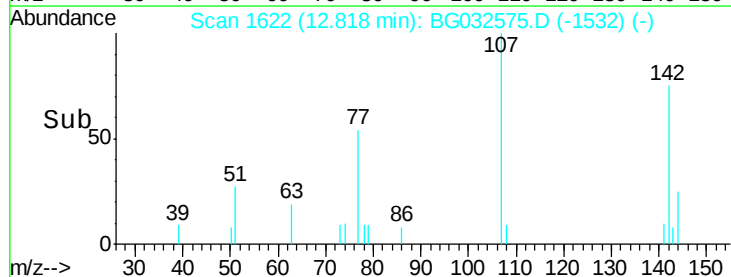
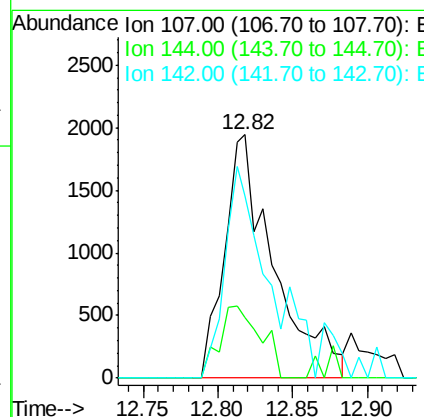
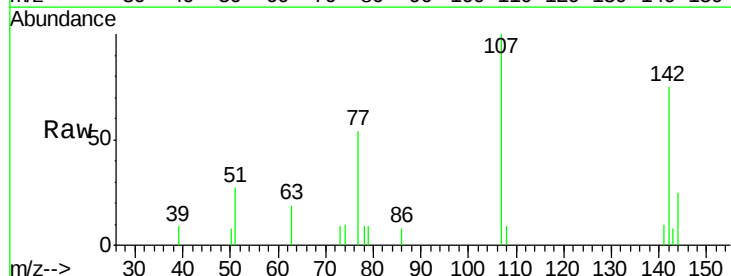
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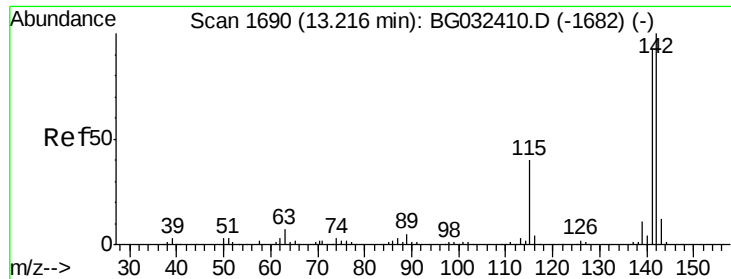
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 3.216 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	18.2	27.4
142	74.6	59.0	88.4





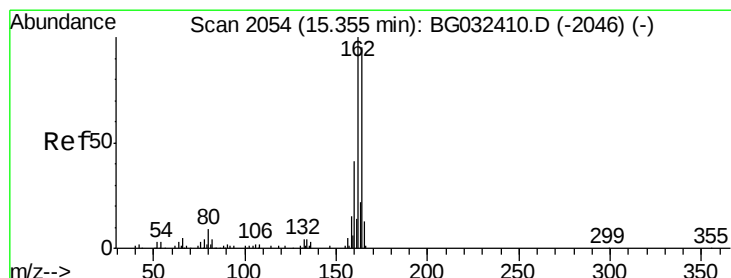
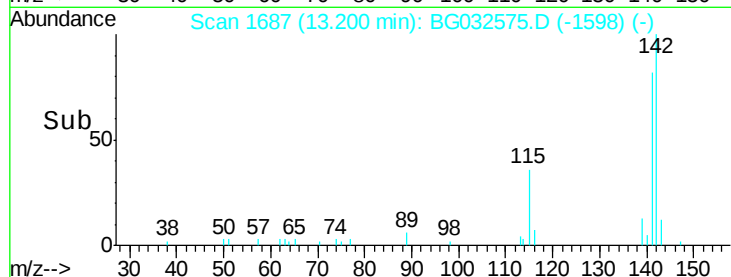
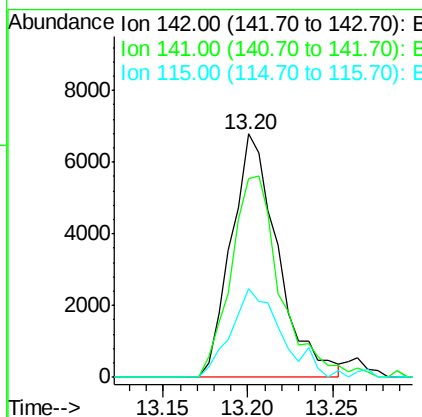
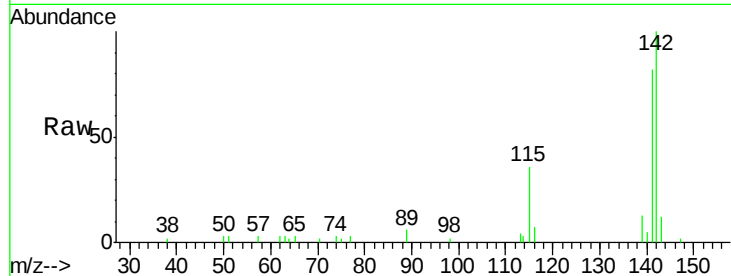
#37
2-Methylnaphthalene
Concen: 3.841 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	81.8	67.1	100.7
115	36.3	30.7	46.1

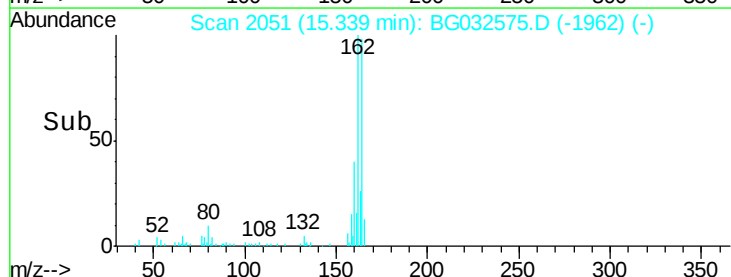
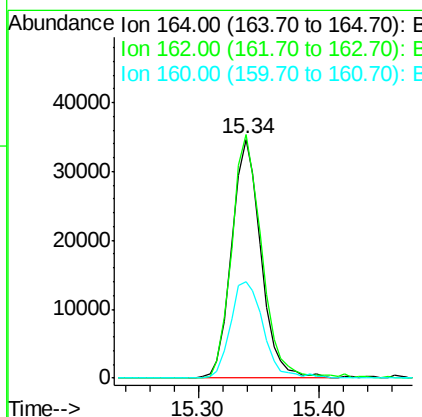
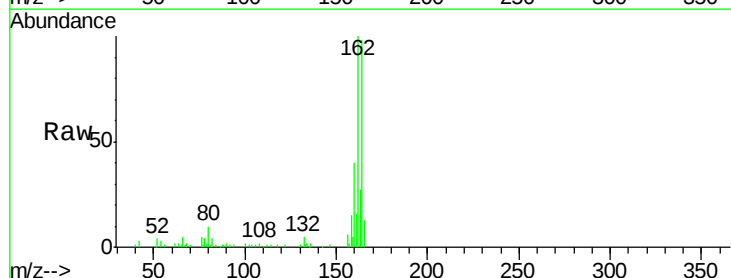
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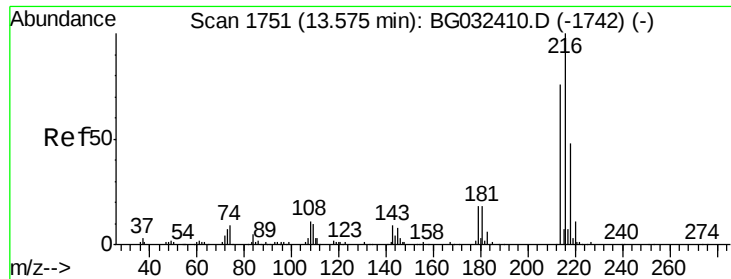
Sohil
2/7/2018 4:14:40 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	40.6	35.4	53.0





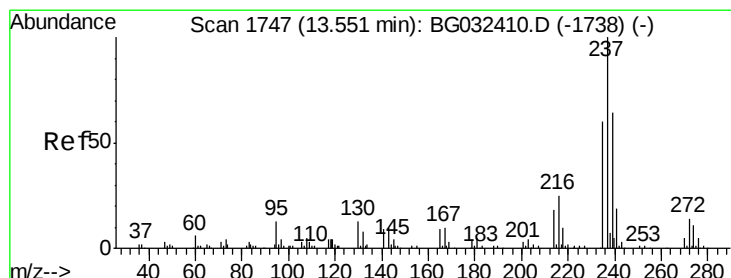
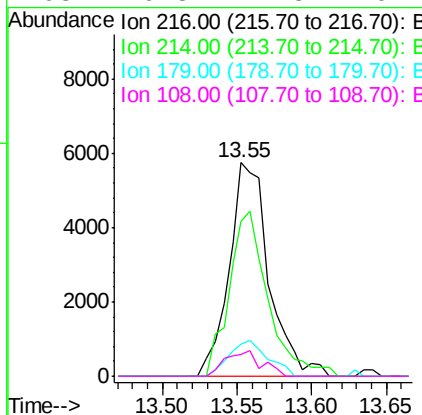
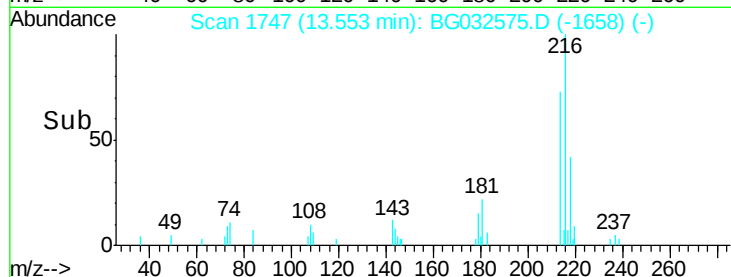
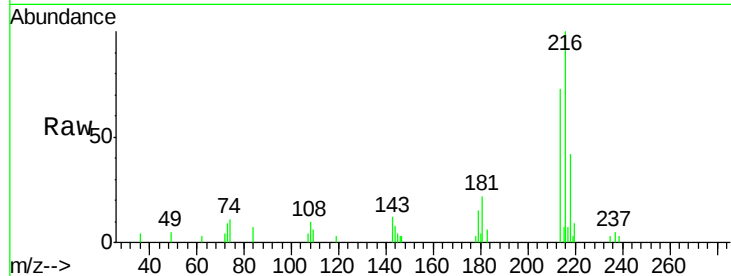
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.904 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.5	63.0	94.4
179	16.2	17.0	25.6#
108	10.8	12.8	19.2#

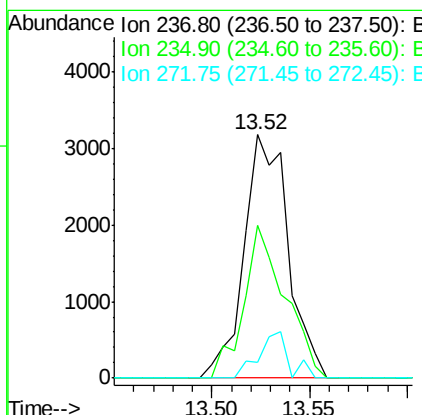
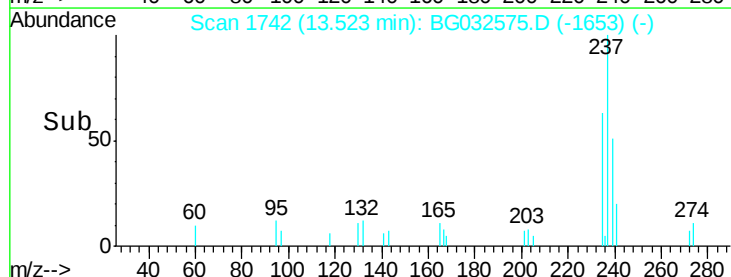
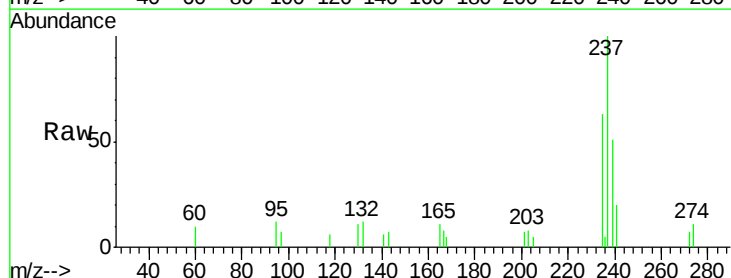
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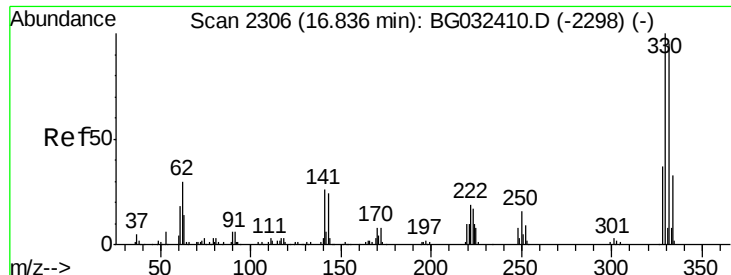
Sohil
 2/7/2018 4:14:40 PM



#40
 Hexachlorocyclopentadiene
 Concen: 2.906 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	6.7	0.0	31.8





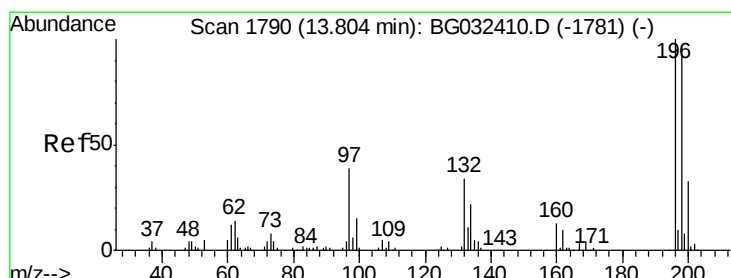
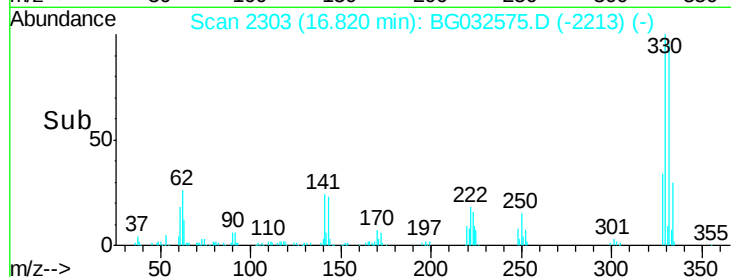
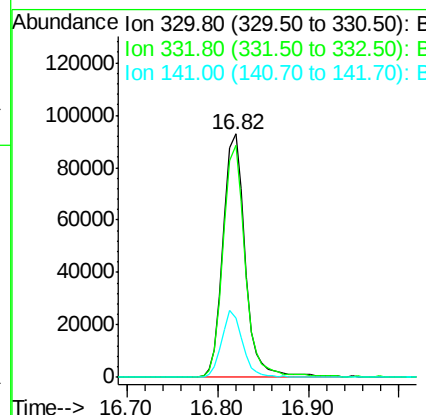
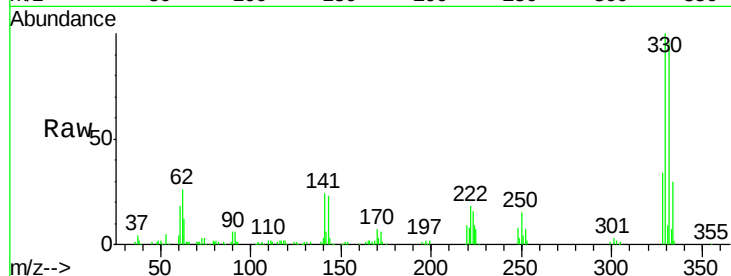
#41
 2,4,6-Tribromophenol
 Concen: 141.598 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	25.9	25.2	37.8

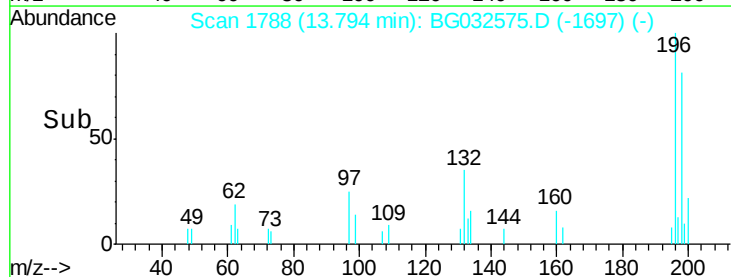
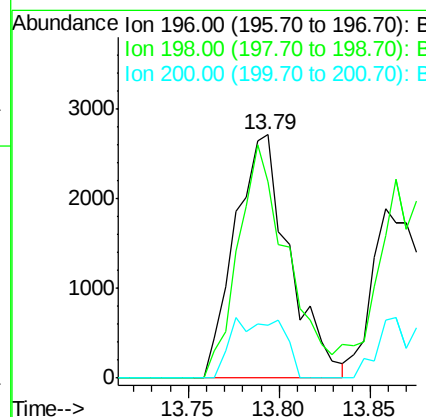
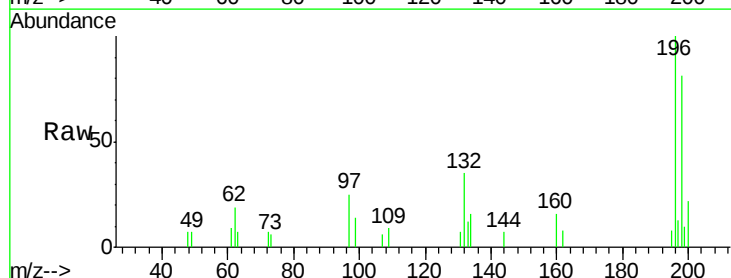
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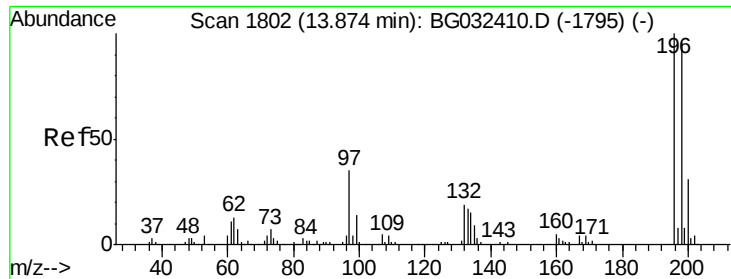
Sohil
 2/7/2018 4:14:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 3.787 ng m
 RT: 13.79 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	80.7	78.2	117.2
200	21.7	24.6	36.8#





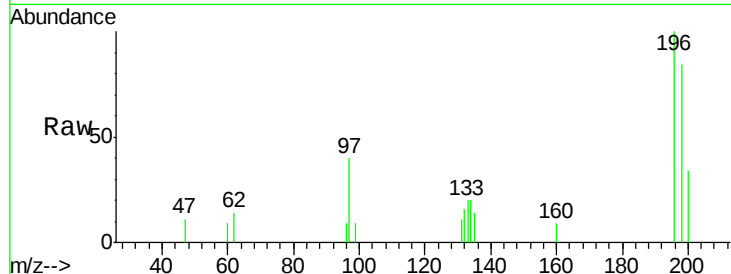
#43
 2,4,5-Trichlorophenol
 Concen: 2.678 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
196	100		
198	84.3	76.2	114.4
97	40.0	38.7	58.1
132	15.7	20.2	30.2

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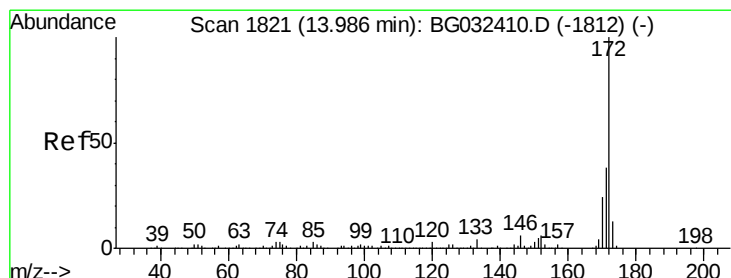
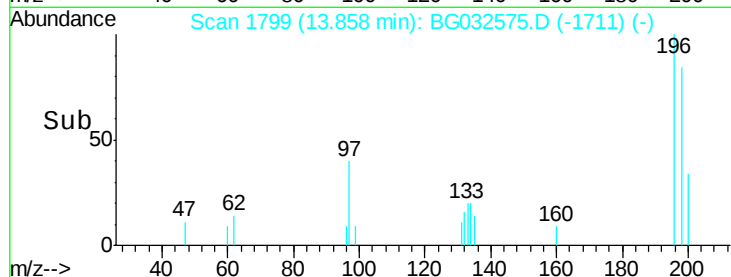
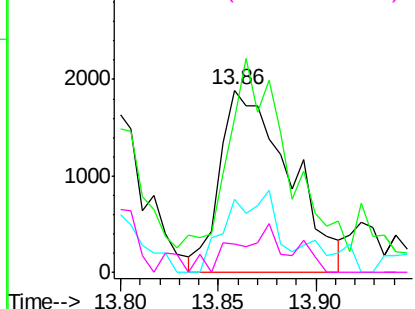
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.056 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

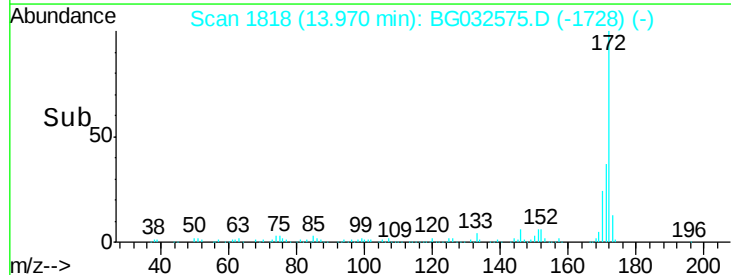
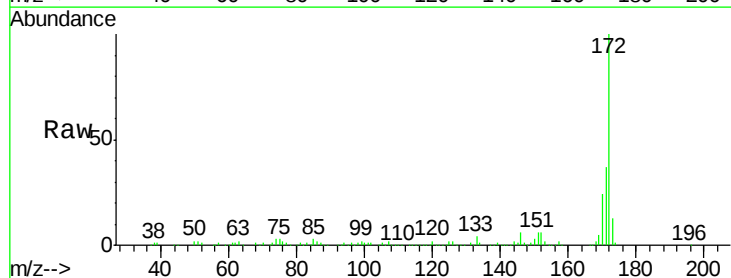
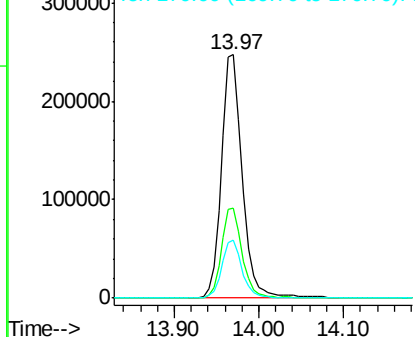
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.0	19.5	29.3

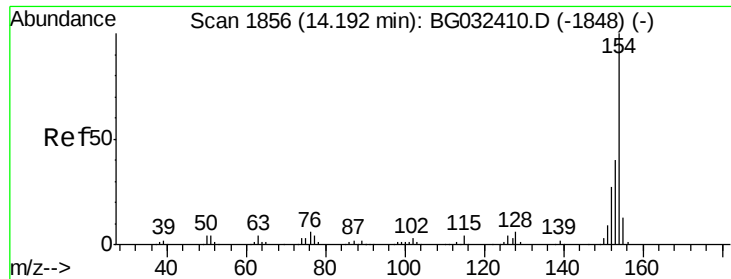
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





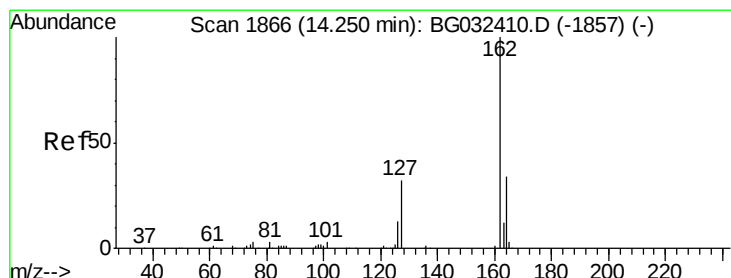
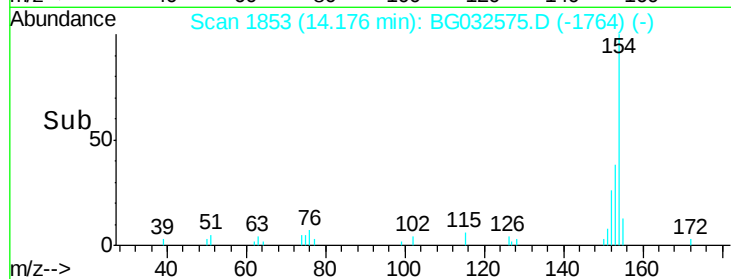
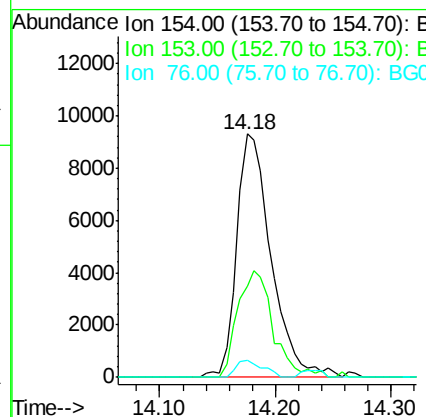
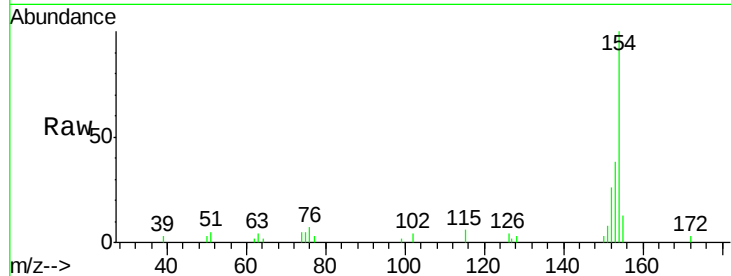
#45
 1,1'-Biphenyl
 Concen: 3.898 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.5	19.8	59.8
76	6.8	0.0	31.9

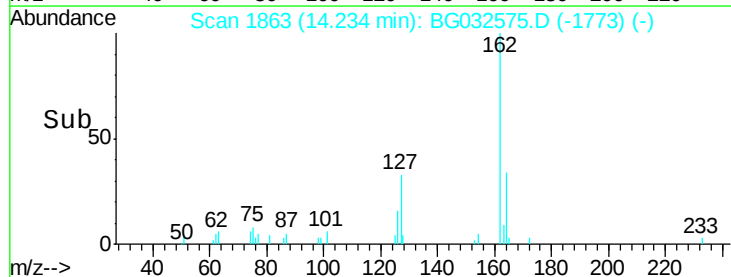
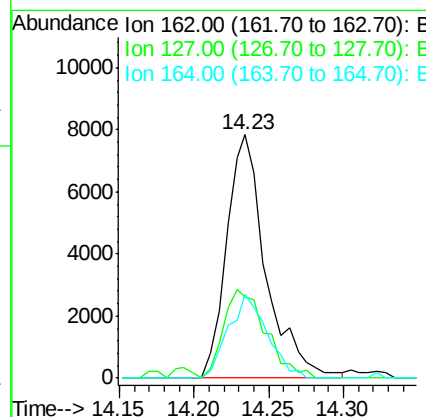
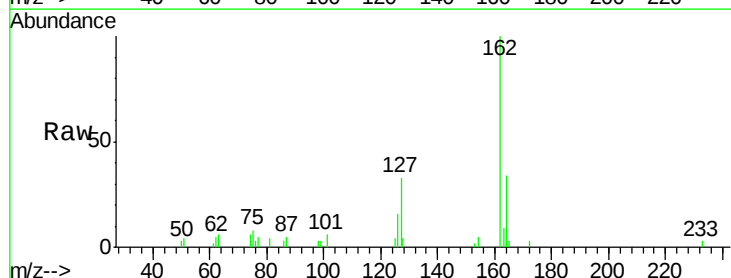
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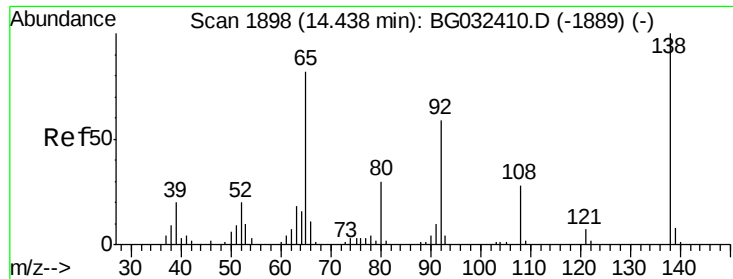
Sohil
 2/7/2018 4:14:40 PM



#46
 2-Chloronaphthalene
 Concen: 3.726 ng
 RT: 14.23 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.4	30.7	46.1
164	34.3	26.0	39.0





#47

2-Nitroaniline

Concen: 3.003 ng

RT: 14.43 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

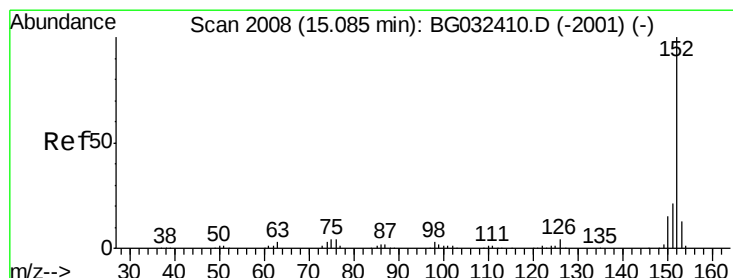
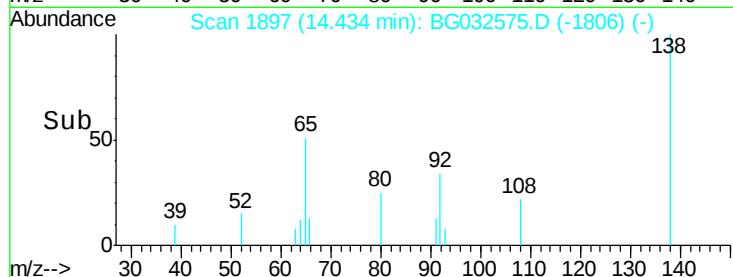
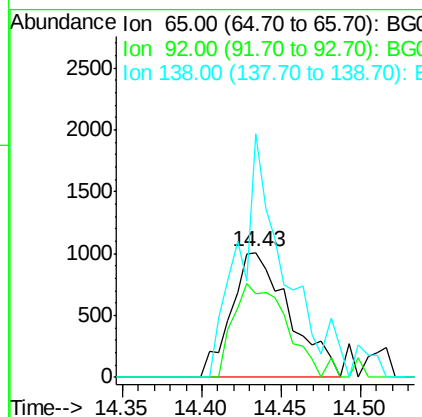
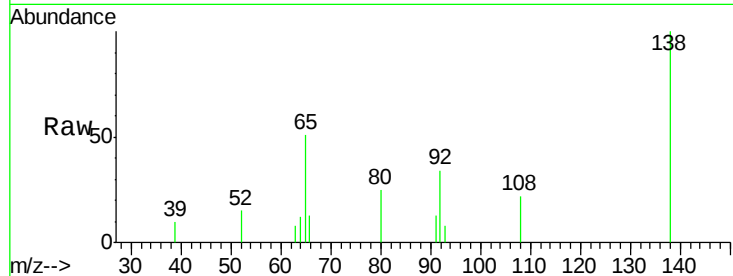
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	54.6	82.0
138	194.9	72.9	109.3

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#48

Acenaphthylene

Concen: 3.656 ng

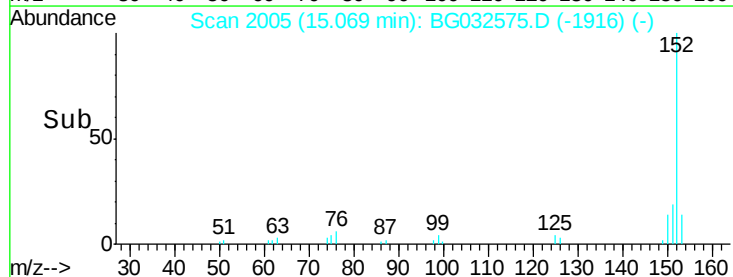
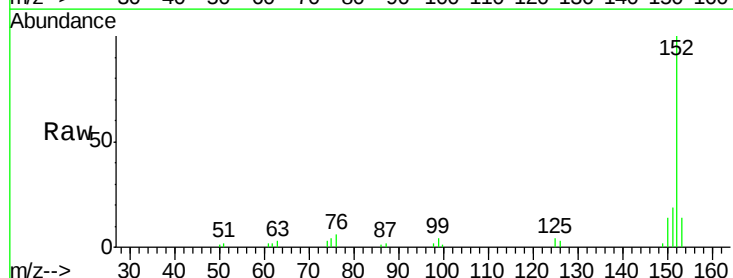
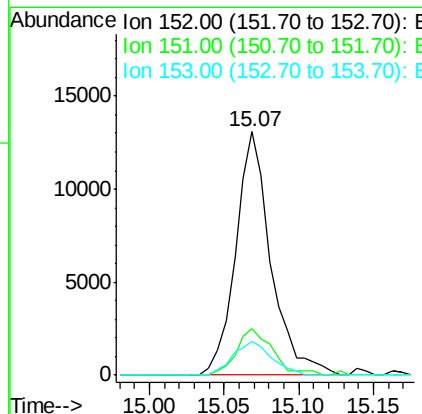
RT: 15.07 min Scan# 2005

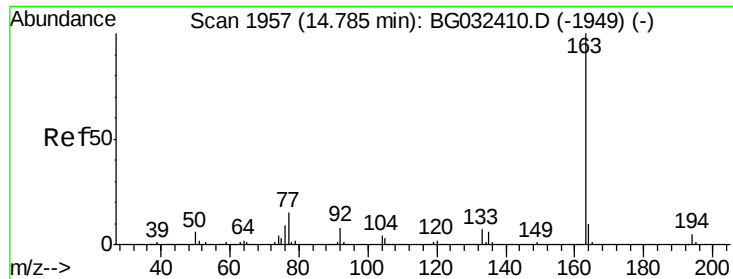
Delta R.T. -0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	17.2	25.8
153	14.0	10.2	15.4





#49

Dimethylphthalate

Concen: 3.696 ng

RT: 14.77 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

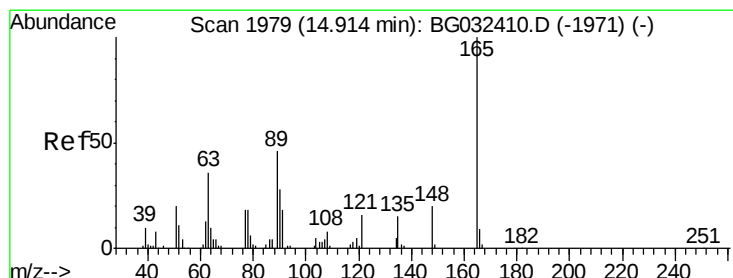
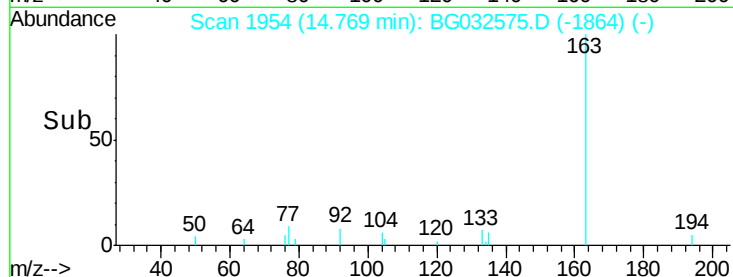
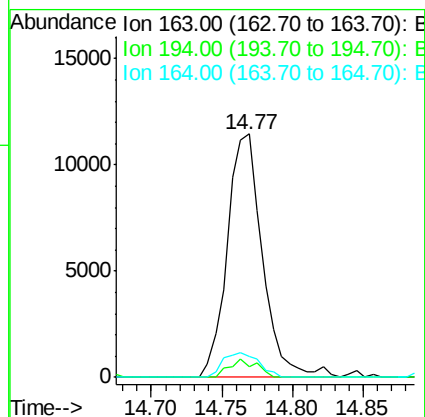
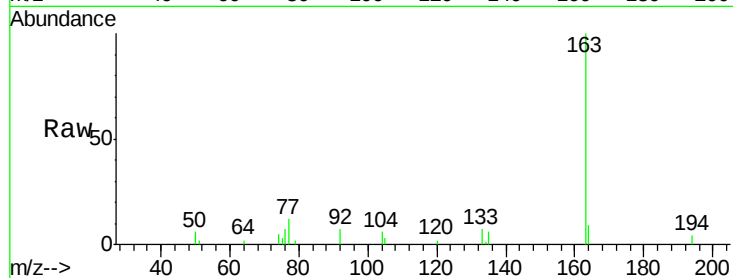
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	163	Resp:	19926
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	8.6	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 3.638 ng

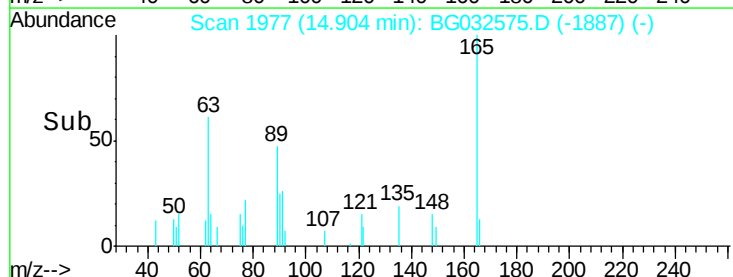
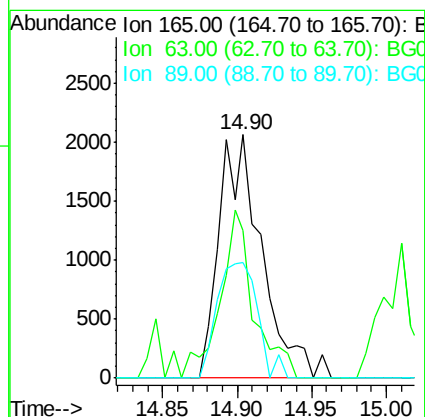
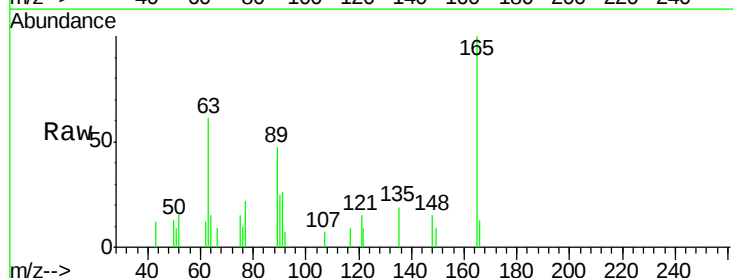
RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion:	165	Resp:	4117
Ion Ratio	Lower	Upper	
165	100		
63	60.9	52.7	79.1
89	47.3	49.2	73.8#





#51

Acenaphthene

Concen: 3.511 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

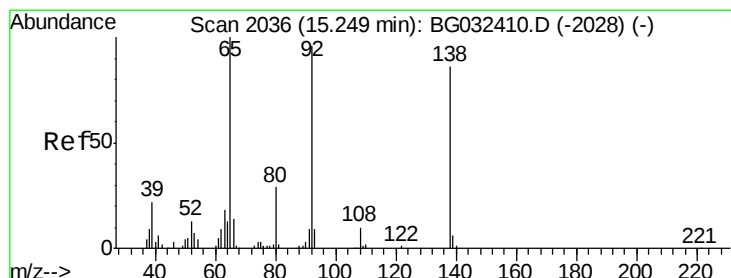
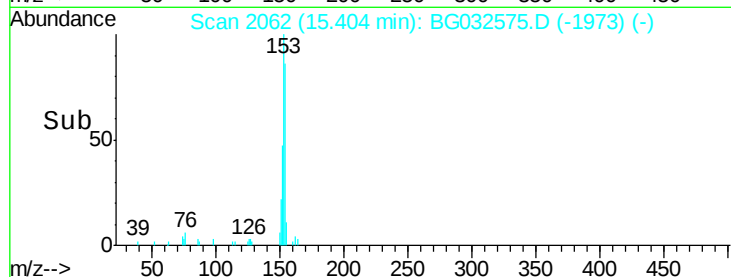
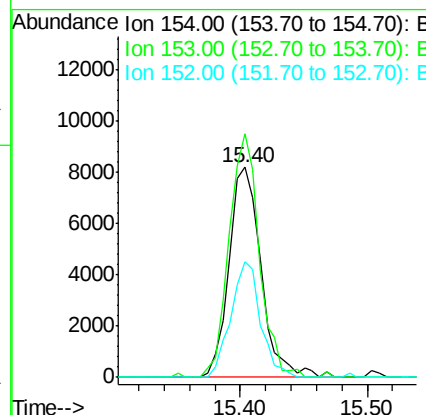
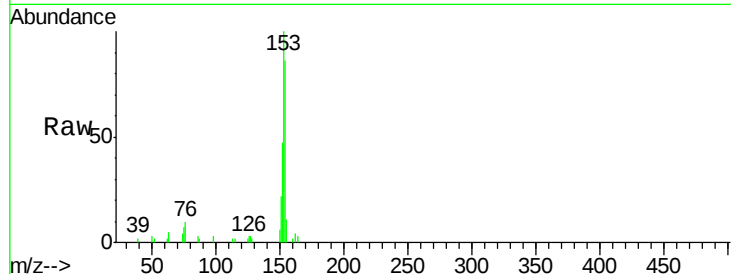
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.4	135.6
152	55.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 1.851 ng m

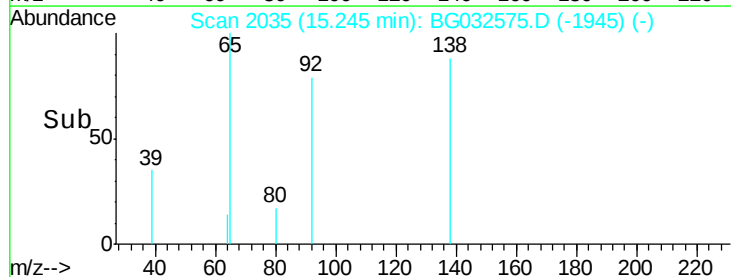
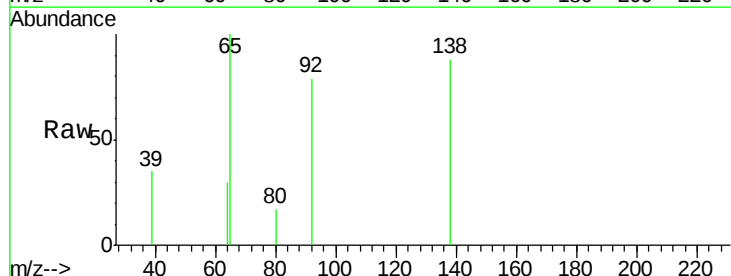
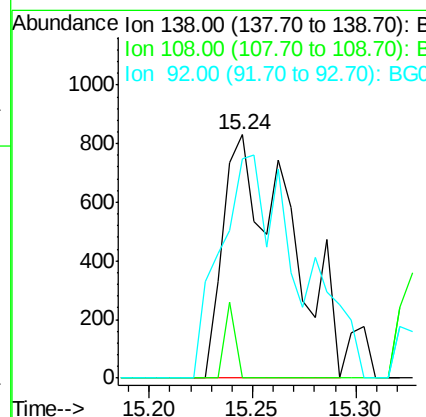
RT: 15.24 min Scan# 2035

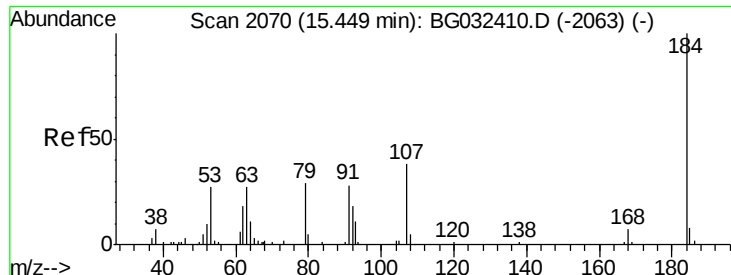
Delta R.T. 0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	90.0	105.8	158.8#





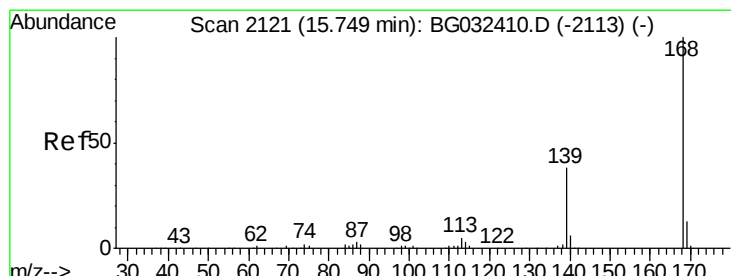
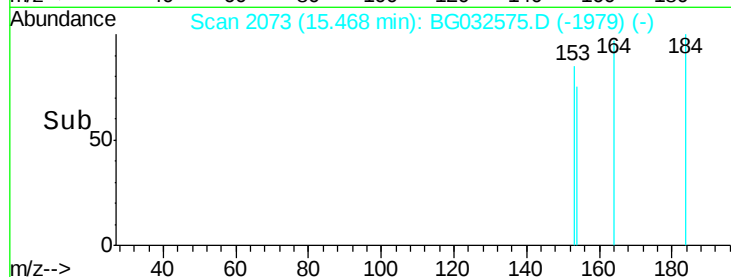
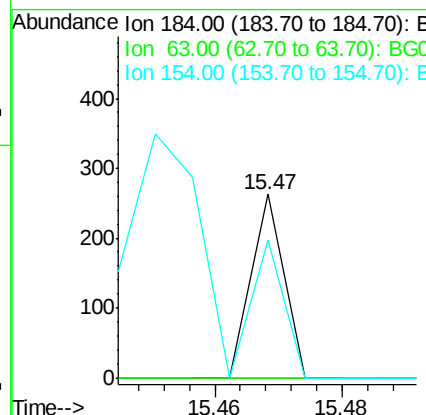
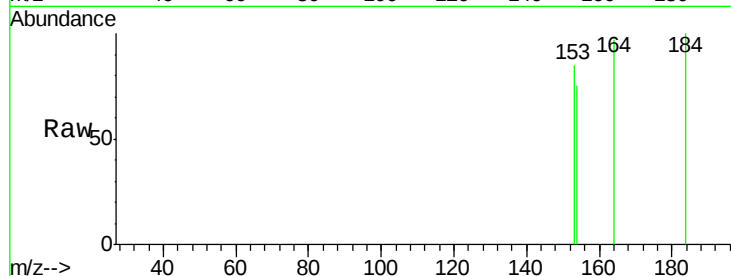
#53
2,4-Dinitrophenol
Concen: 4.229 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.02 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	74.9	101.8	152.8#

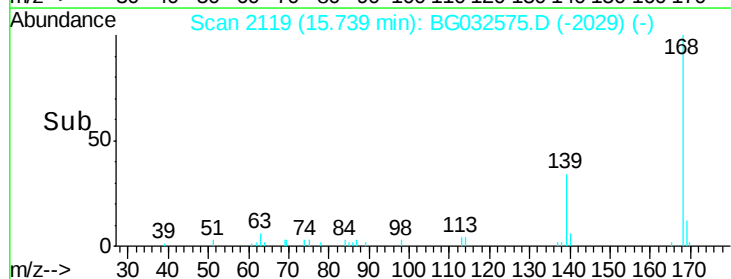
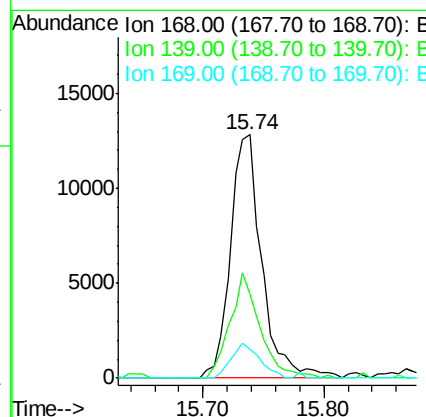
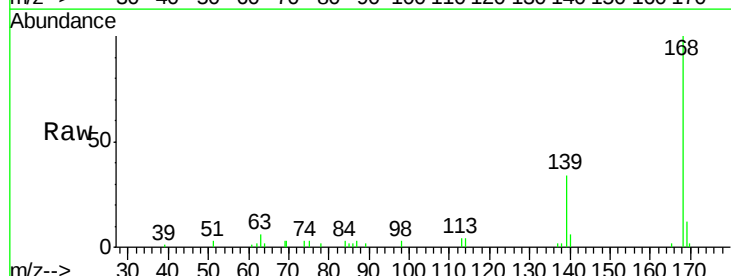
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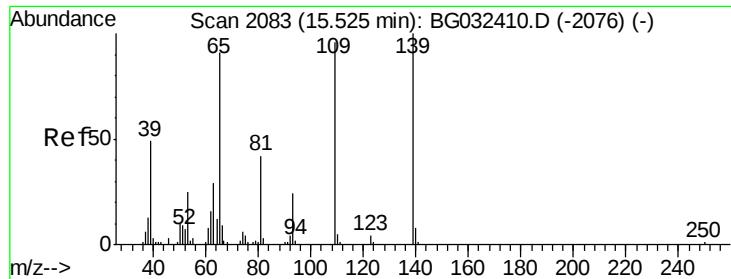
Sohil
2/7/2018 4:14:40 PM



#54
Dibenzofuran
Concen: 3.855 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.2	28.6	43.0
169	11.9	11.2	16.8





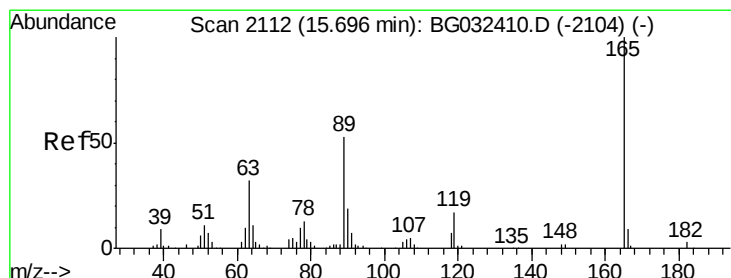
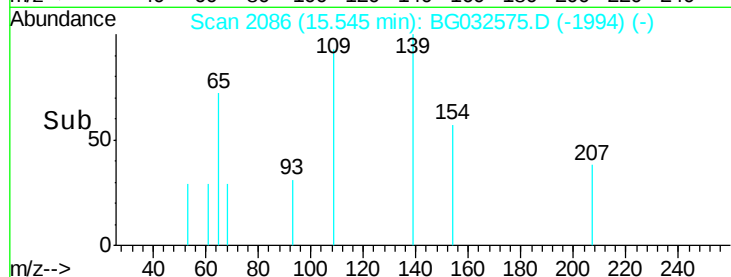
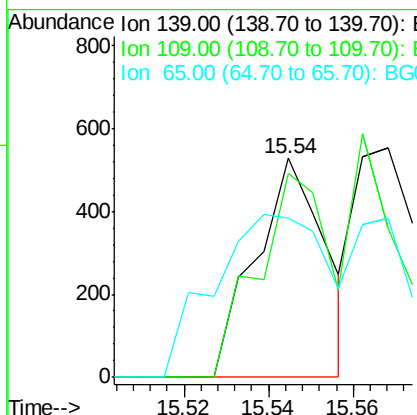
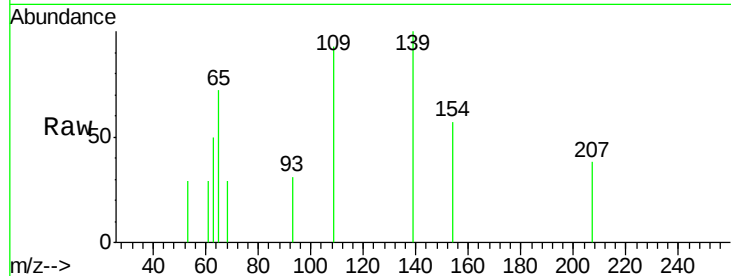
#55
4-Nitrophenol
Concen: 0.819 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
139	100		
109	93.2	62.2	102.2
65	72.4	97.2	137.2#

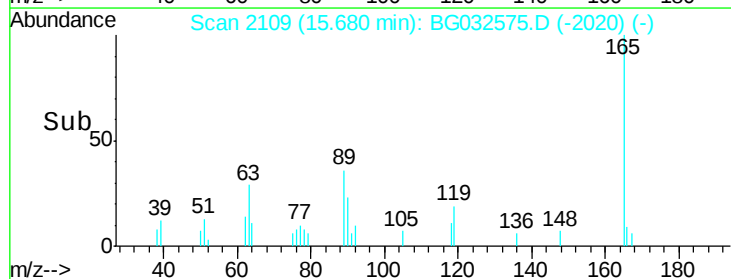
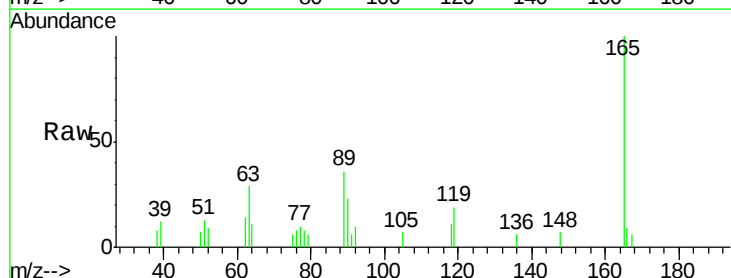
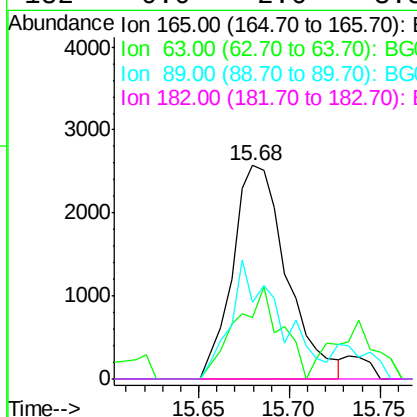
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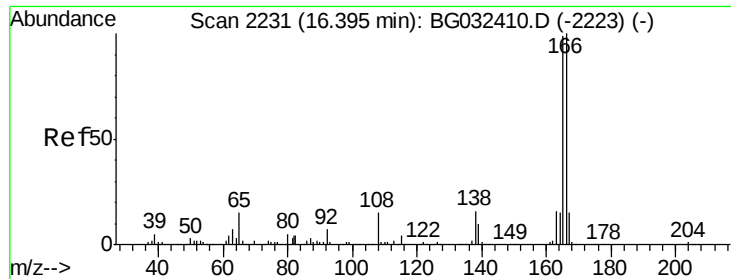
Sohil
2/7/2018 4:14:40 PM



#56
2,4-Dinitrotoluene
Concen: 3.323 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.0	42.0	63.0#
89	35.8	66.9	100.3#
182	0.0	2.6	3.8#





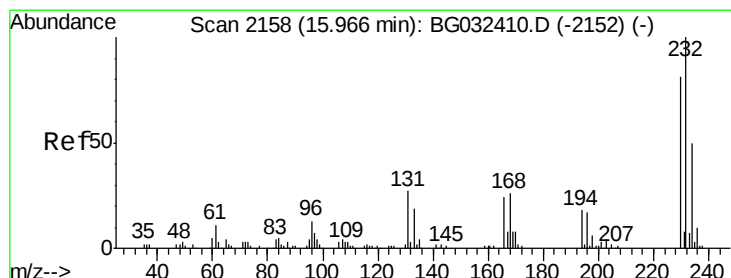
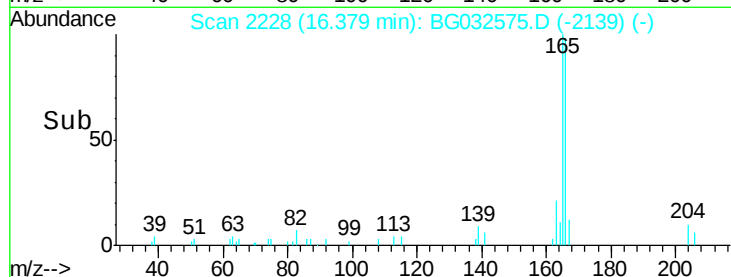
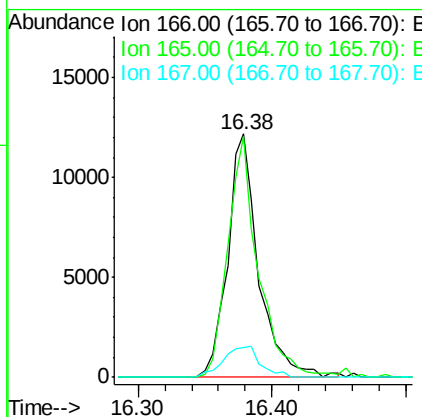
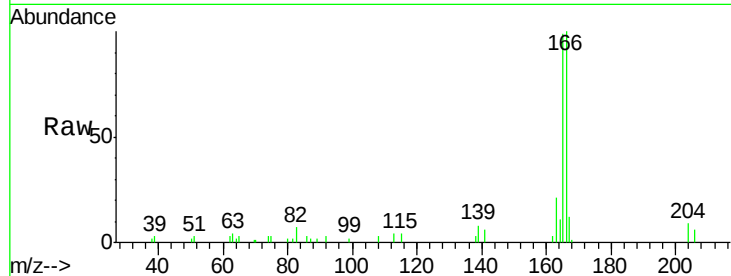
#57
 Fluorene
 Concen: 3.945 ng
 RT: 16.38 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.6	121.0
167	12.3	10.4	15.6

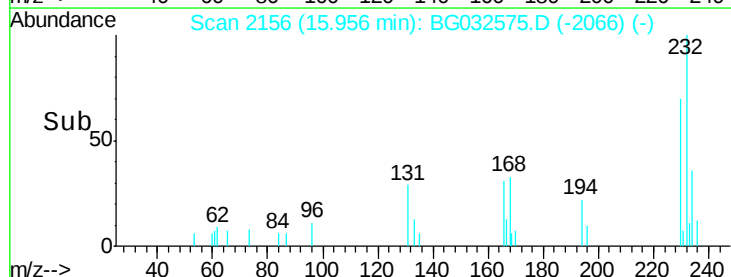
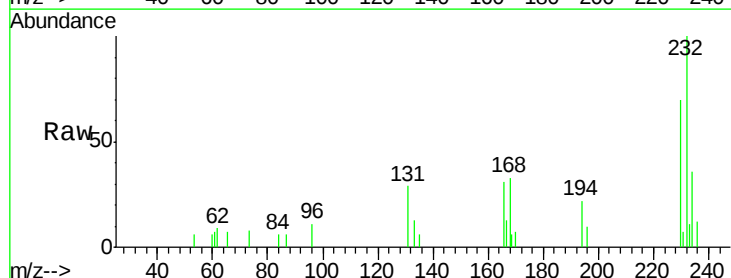
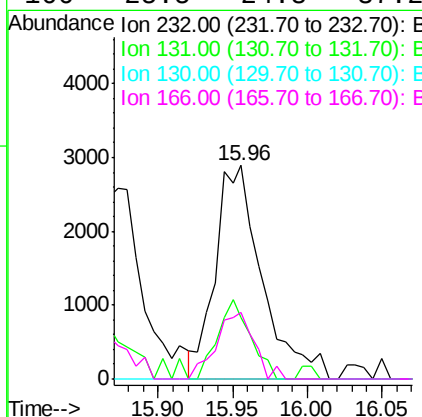
Manual Integrations
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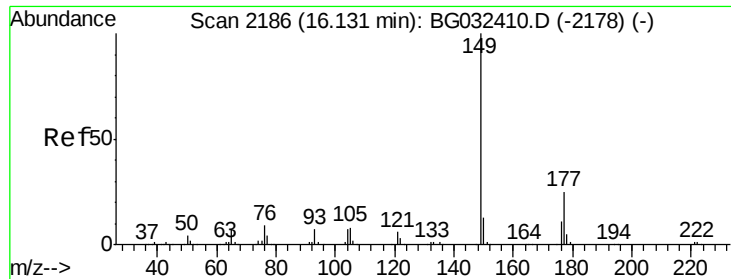
Sohil
 2/7/2018 4:14:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.684 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	26.2	33.5	50.3#
130	0.0	2.2	3.2#
166	25.5	24.8	37.2





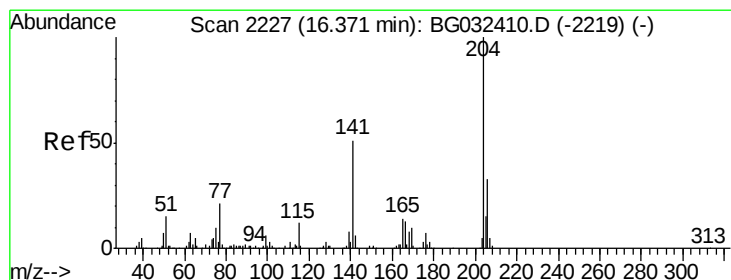
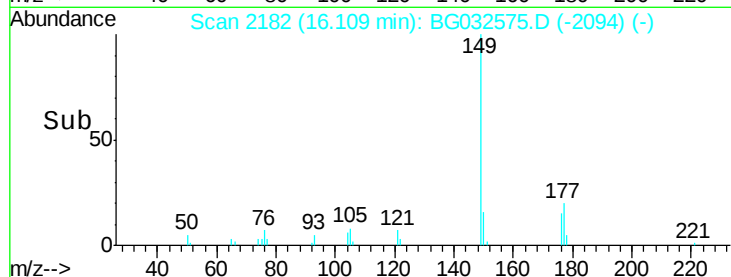
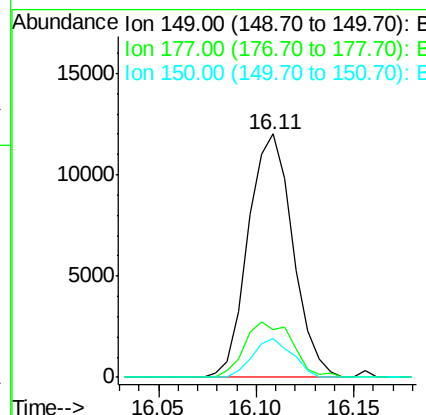
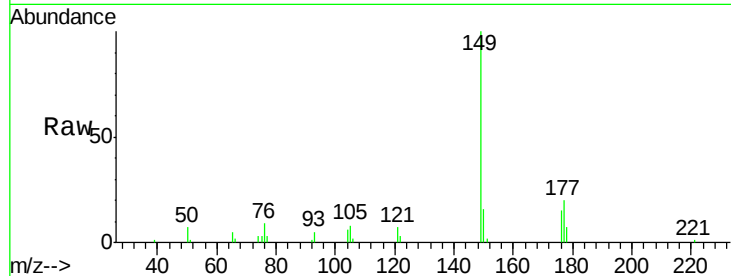
#59
Diethylphthalate
Concen: 3.612 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.7	18.5	27.7
150	16.0	10.2	15.2

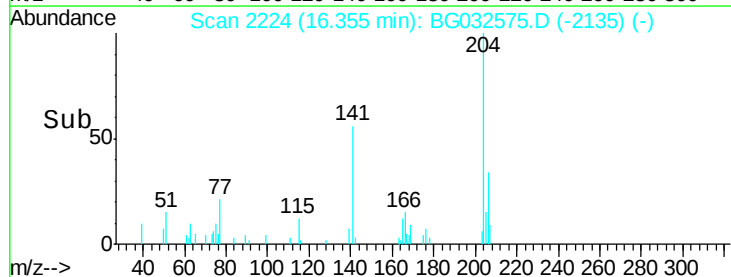
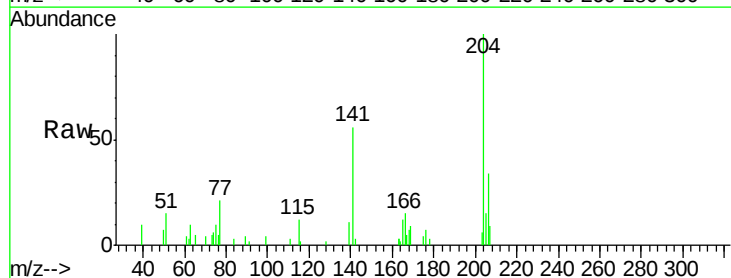
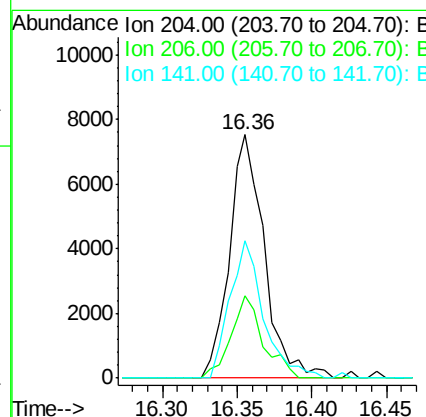
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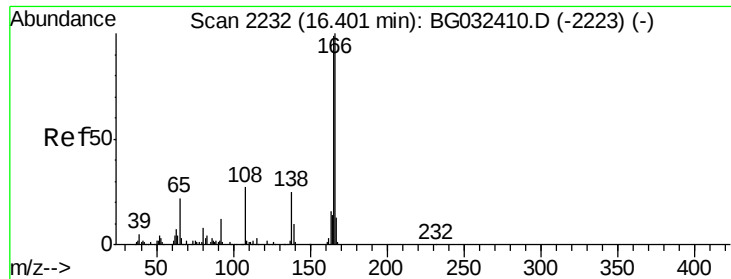
Sohil
2/7/2018 4:14:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 3.914 ng
RT: 16.36 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	56.3	45.8	68.6





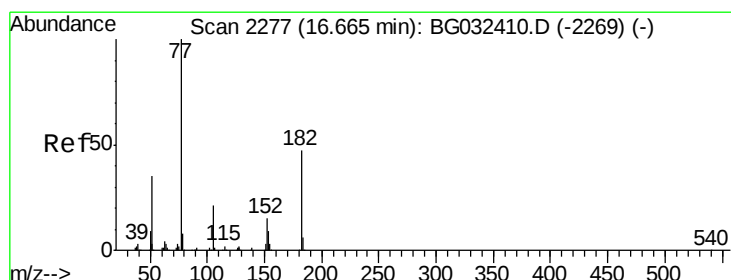
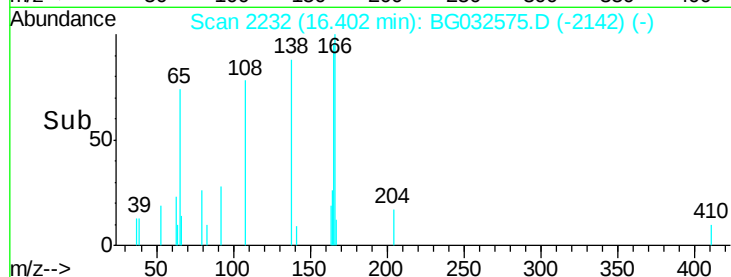
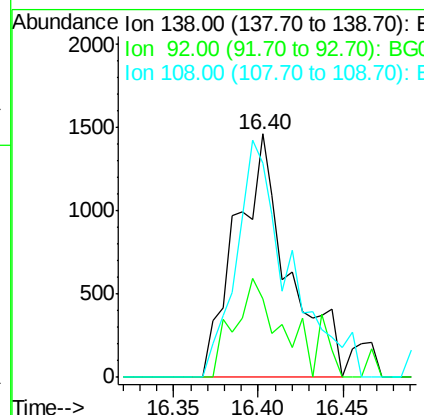
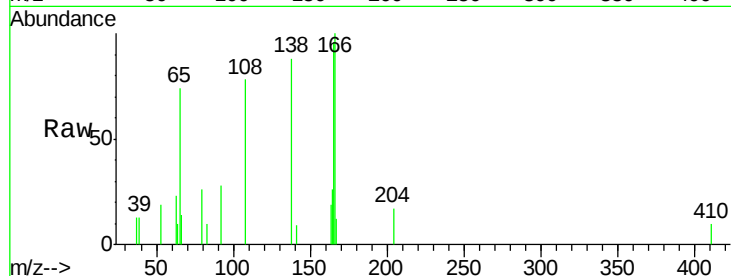
#61
4-Nitroaniline
Concen: 2.989 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	32.2	40.1	80.1#
108	88.0	65.4	105.4

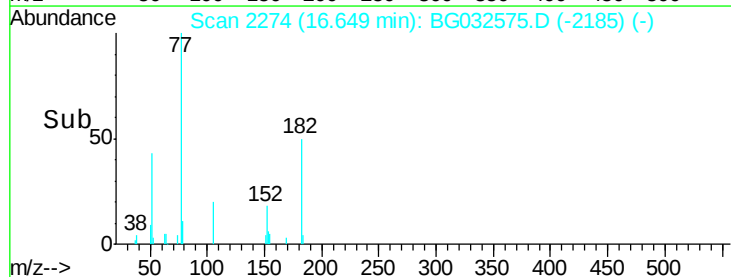
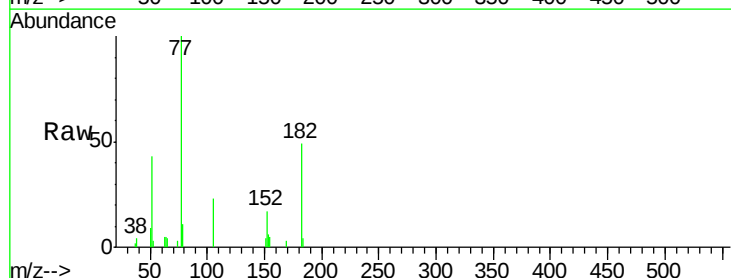
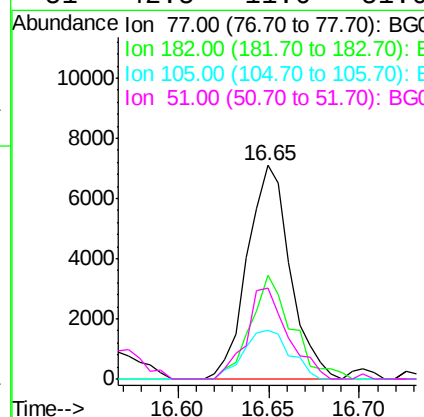
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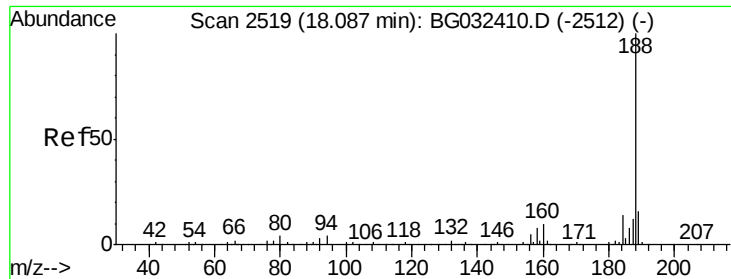
Sohil
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#62
Azobenzene
Concen: 3.717 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	48.6	7.4	47.4#
105	22.7	0.3	40.3
51	42.5	11.6	51.6





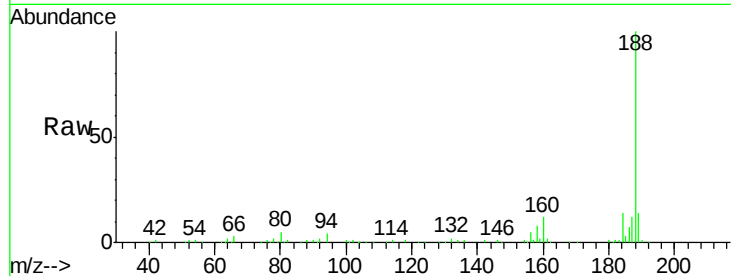
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

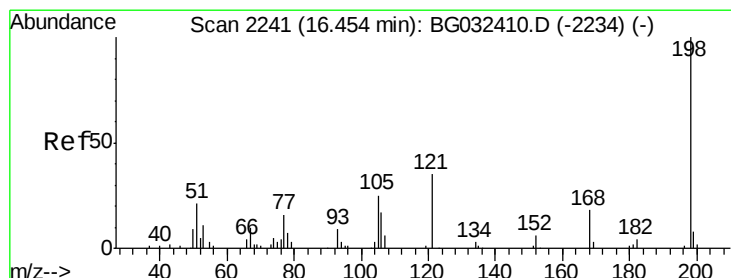
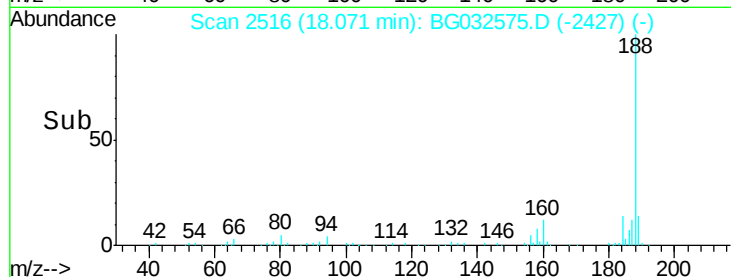
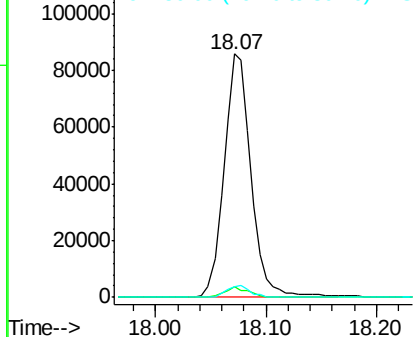
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.6	7.7	11.5#

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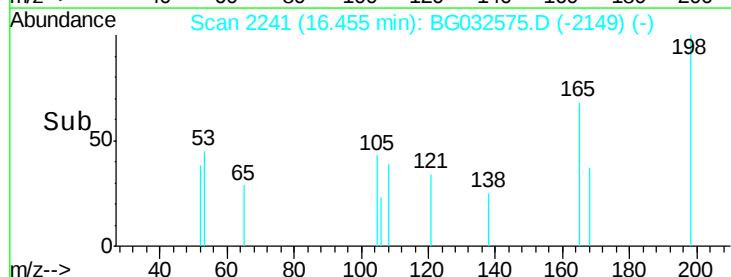
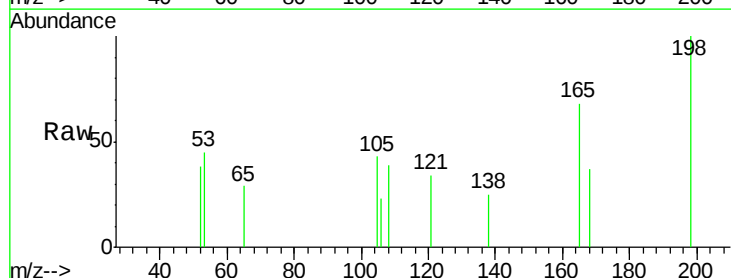
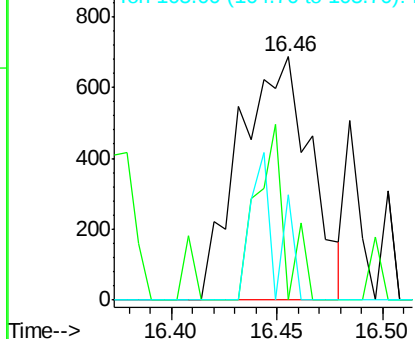
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

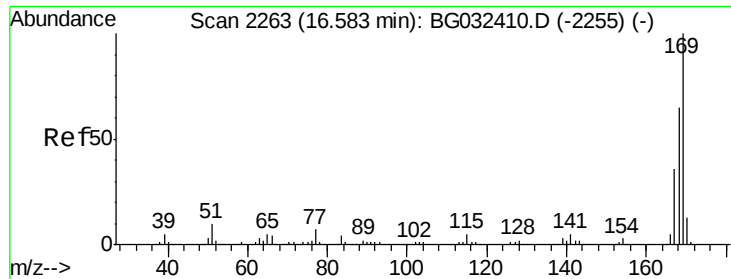


#64
4,6-Dinitro-2-methylphenol
Concen: 1.468 ng
RT: 16.46 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	43.1	23.8	63.8

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





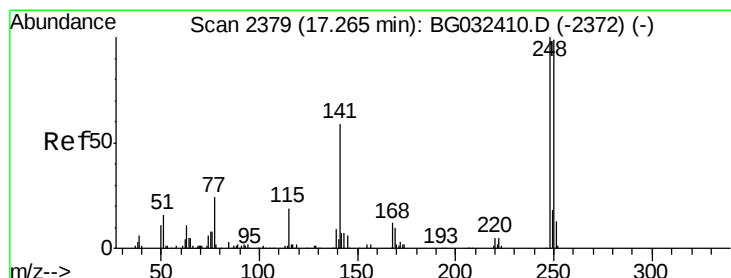
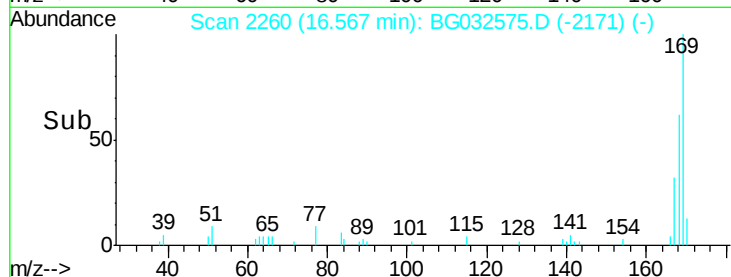
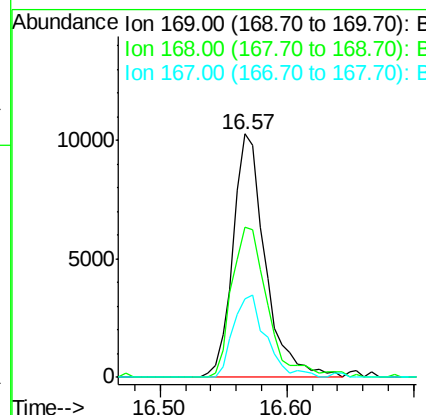
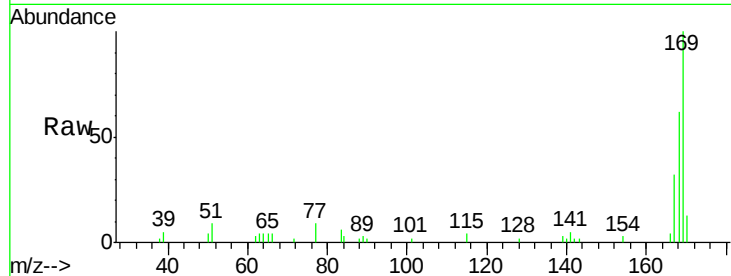
#65
 n-Nitrosodiphenylamine
 Concen: 4.145 ng
 RT: 16.57 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
169	100		
168	61.8	55.7	83.5
167	32.5	30.1	45.1

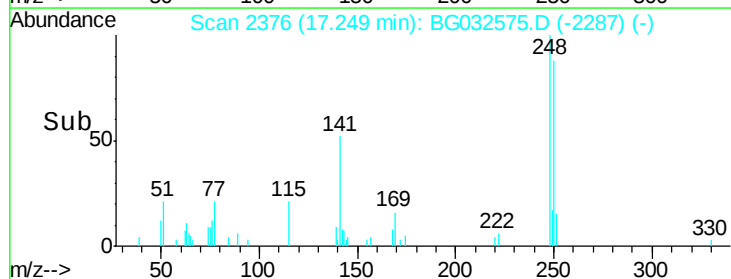
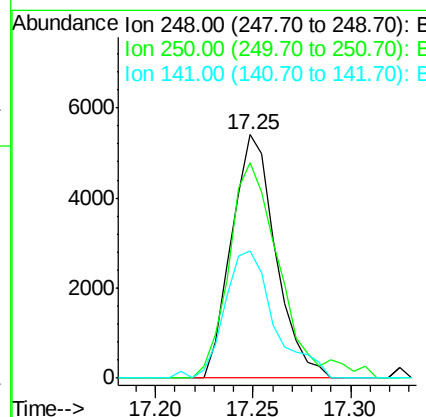
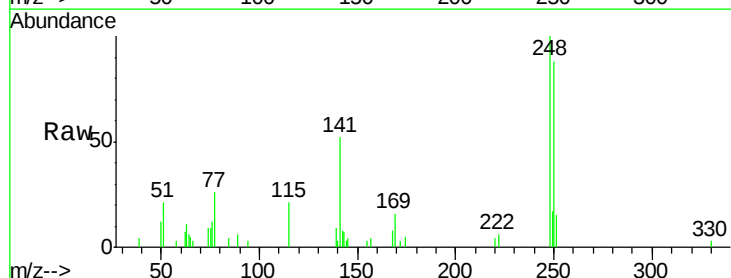
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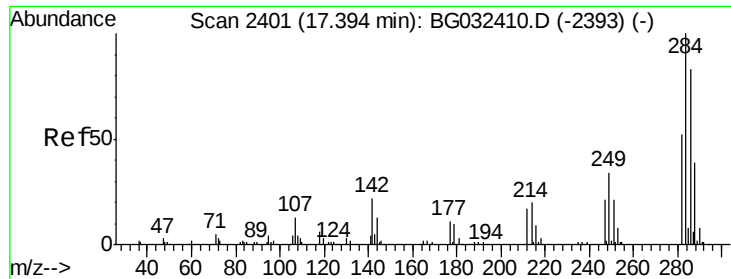
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 3.913 ng
 RT: 17.25 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	88.4	77.1	115.7
141	52.3	50.8	76.2





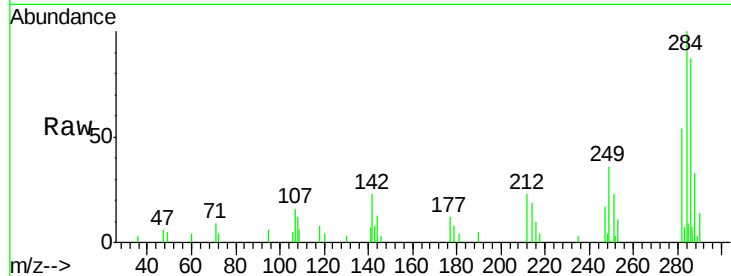
#67
Hexachlorobenzene
Concen: 4.031 ng
RT: 17.37 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

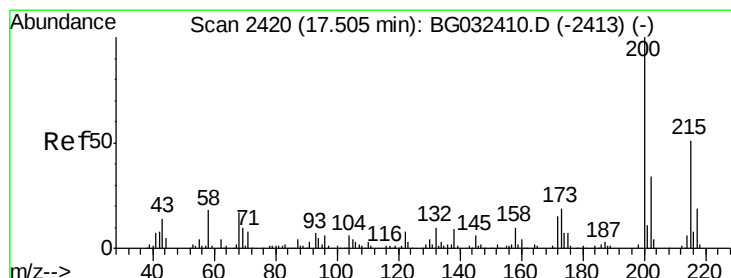
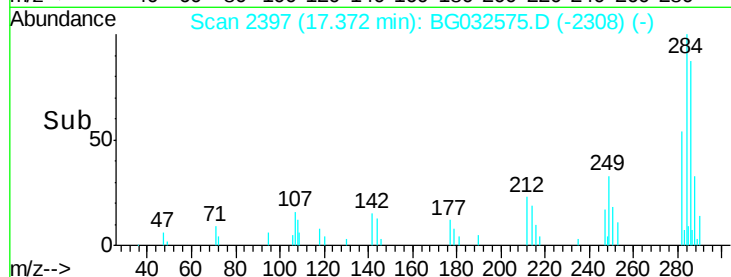
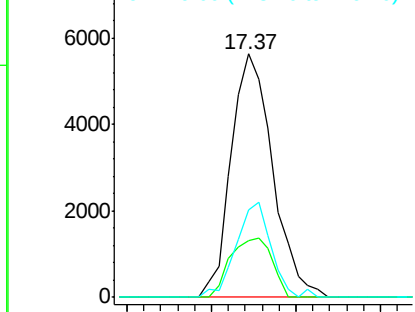
Tot Ion	Ratio	Resp	Lower	Upper
284	100	9653		
142	23.3		26.8	40.2#
249	35.9		26.3	39.5

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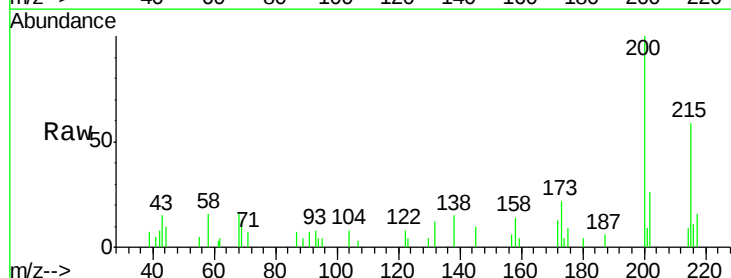


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

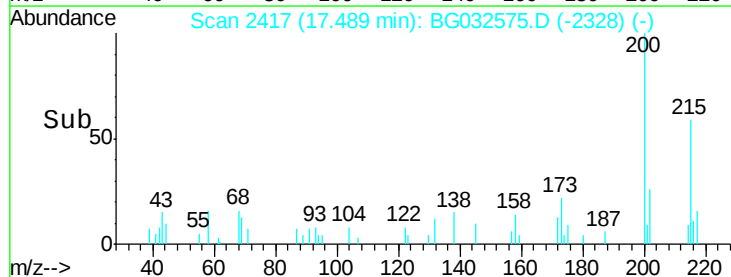
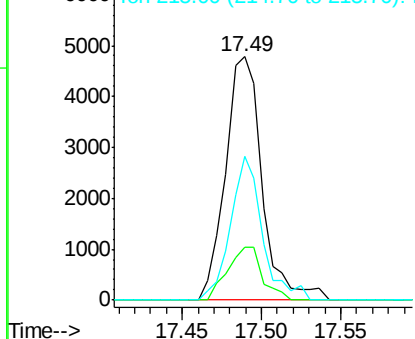


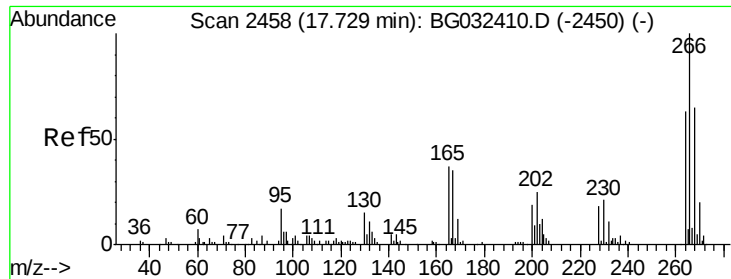
#68
Atrazine
Concen: 4.080 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	7635		
173	21.5		5.2	45.2
215	59.3		30.4	70.4



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





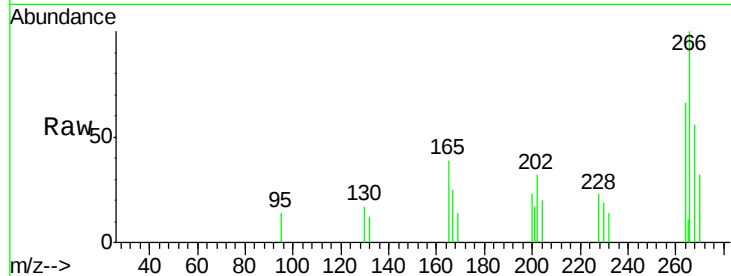
#69
 Pentachlorophenol
 Concen: 1.700 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
266	100		
268	56.4	51.1	76.7
264	66.1	49.6	74.4

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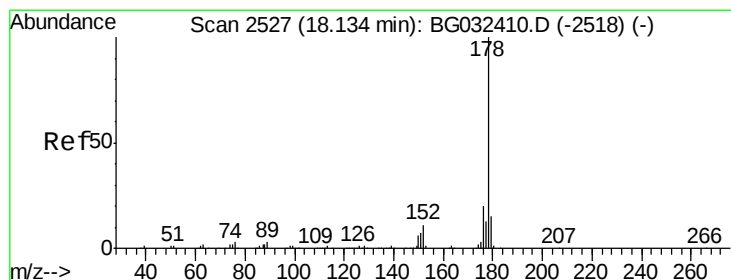
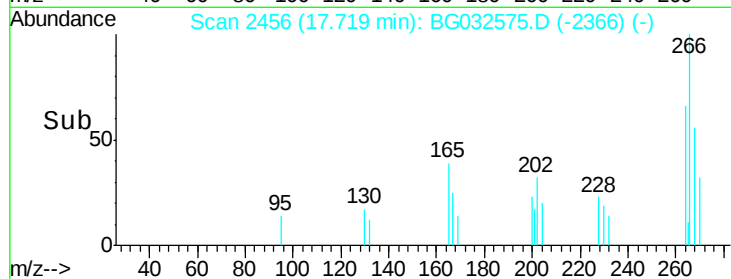
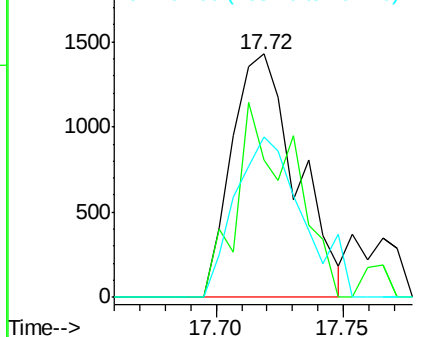


Abundance

Ion 265.70 (265.40 to 266.40): E

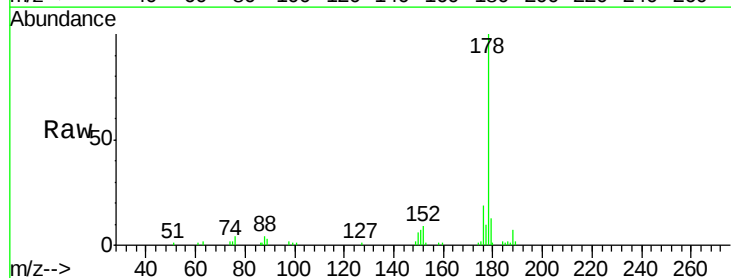
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 4.049 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	13.0	12.5	18.7

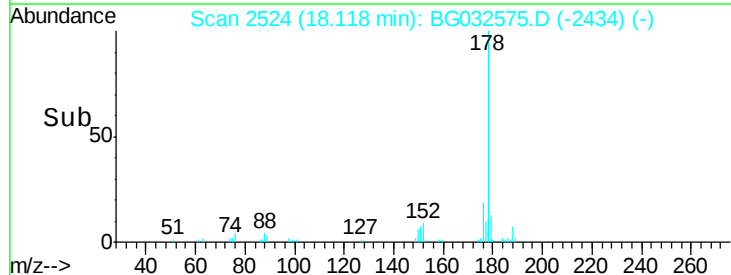
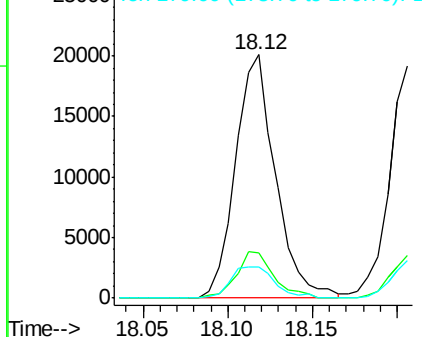


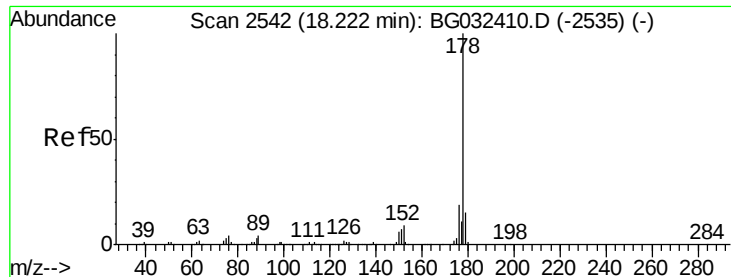
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





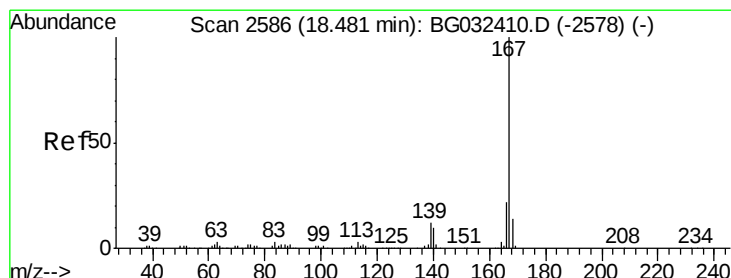
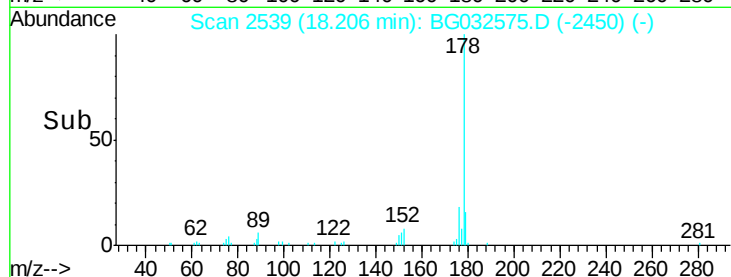
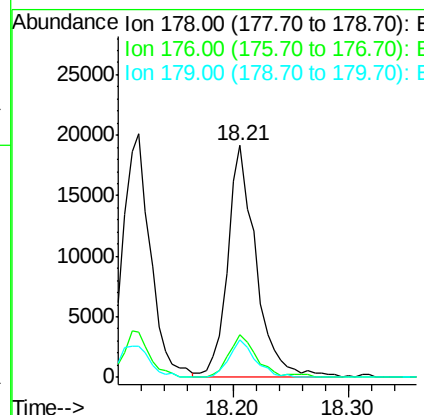
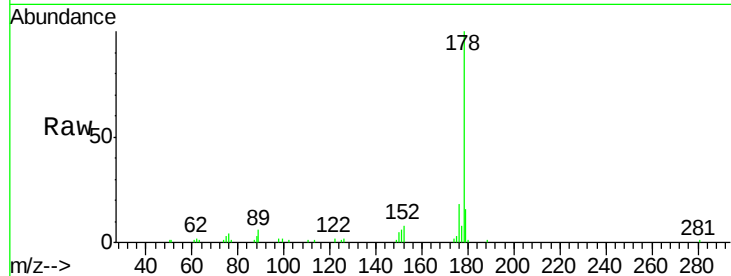
#71
 Anthracene
 Concen: 4.039 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	16.2	12.5	18.7

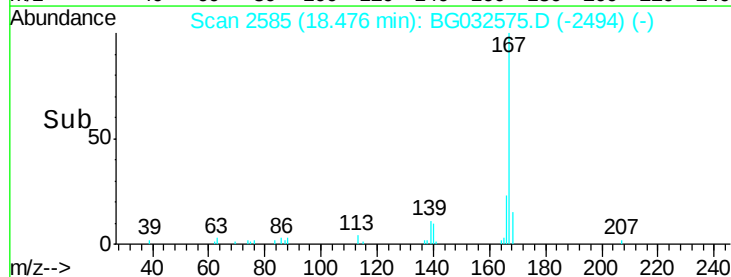
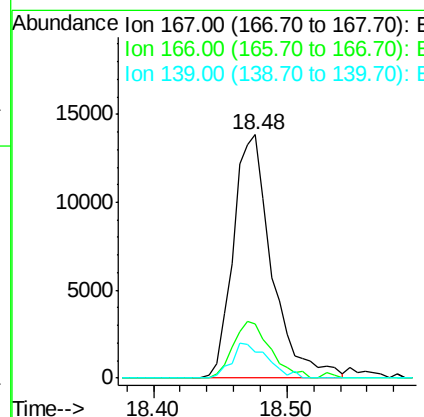
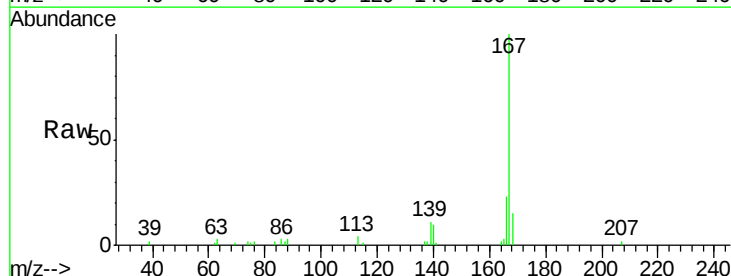
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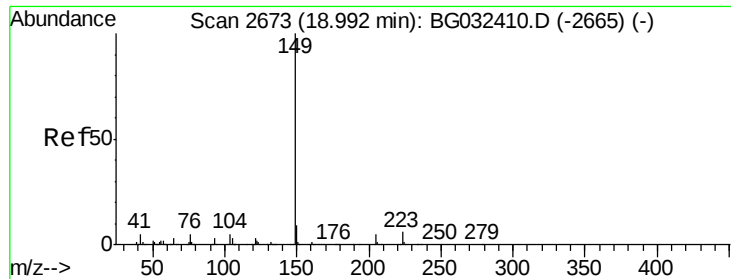
Sohil
 2/7/2018 4:14:40 PM



#72
 Carbazole
 Concen: 3.869 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	10.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 4.038 ng

RT: 18.97 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

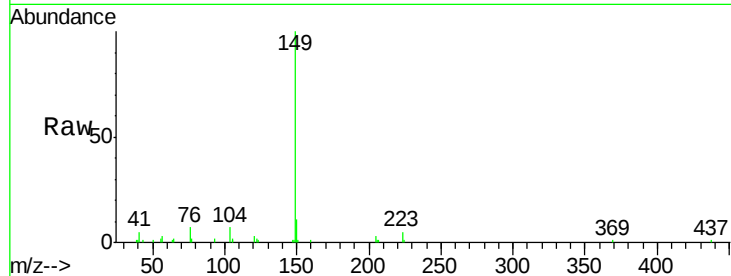
ClientSampleId :

MDL-WATER-03-QT1-2018

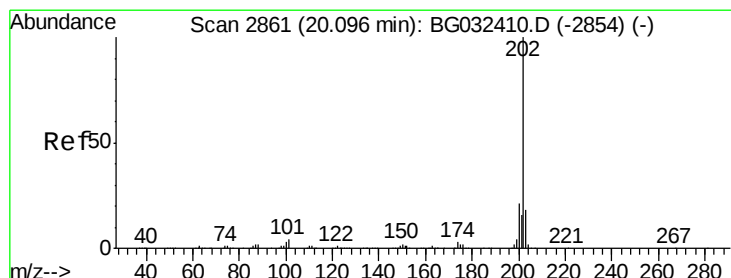
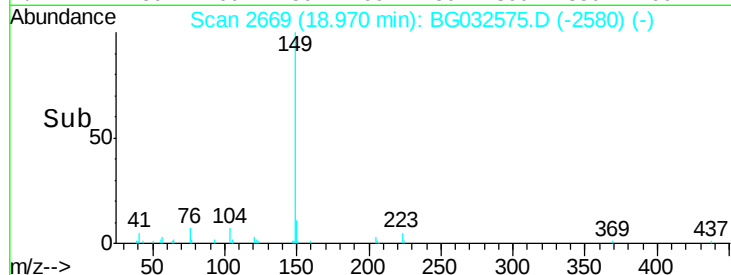
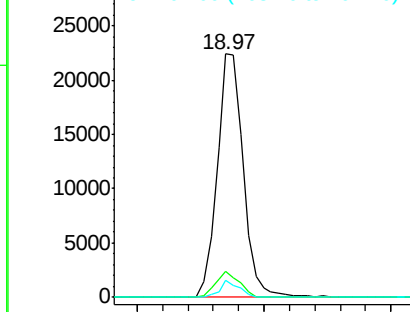
Tot Ion:	149	Resp:	32038
Ion Ratio	Lower	Upper	
149	100		
150	10.8	7.8	11.6
104	7.2	3.9	5.9

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



#74

Fluoranthene

Concen: 3.227 ng

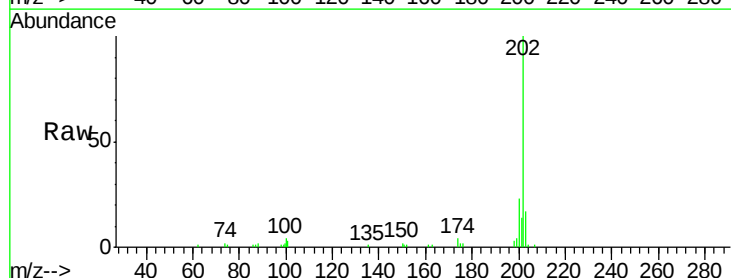
RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

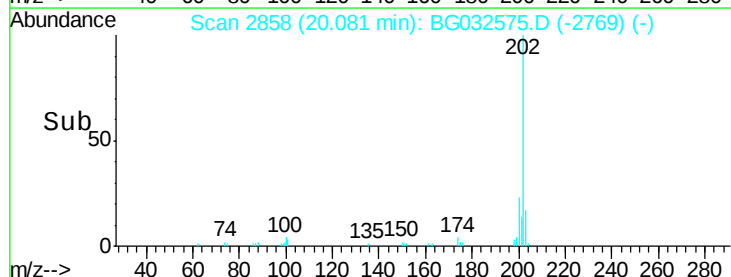
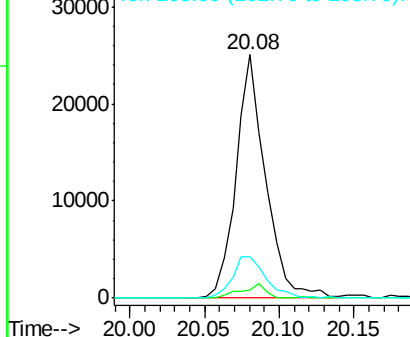
Lab File: BG032575.D

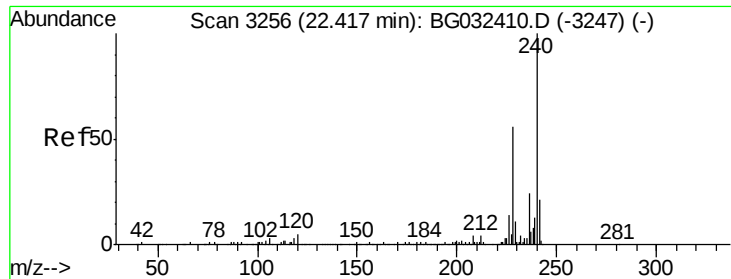
Acq: 6 Feb 2018 20:56

Tgt Ion:	202	Resp:	34473
Ion Ratio	Lower	Upper	
202	100		
101	3.5	0.0	28.9
203	17.0	0.0	37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

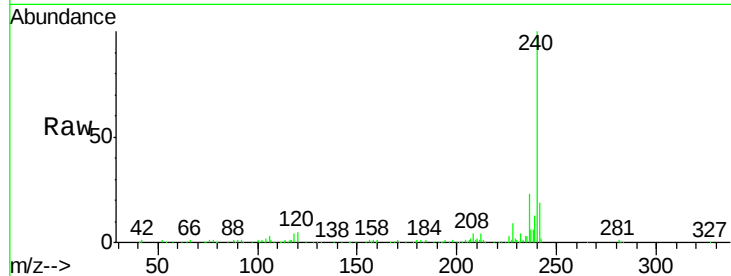
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	23.4	20.9	31.3

Manual Integrations
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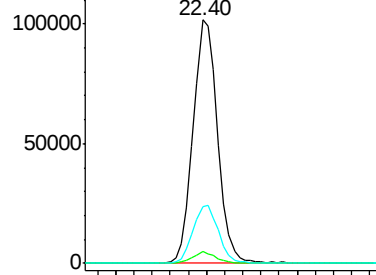
Sohil
2/7/2018 4:14:40 PM



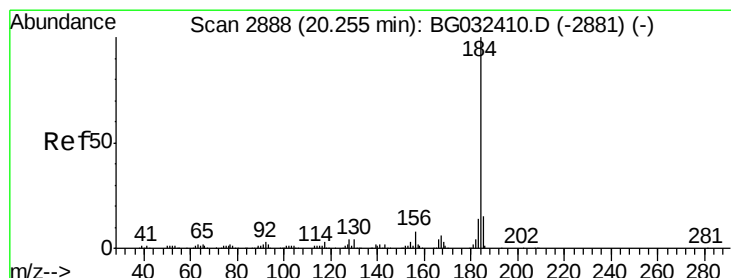
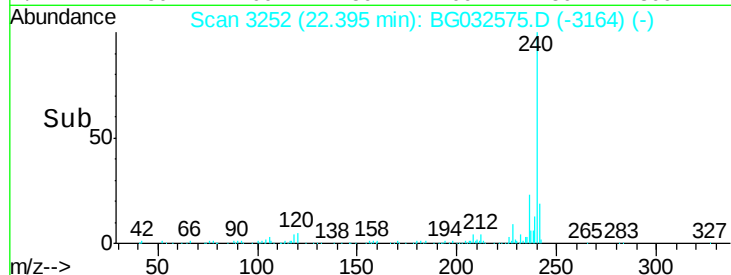
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 0.265 ng

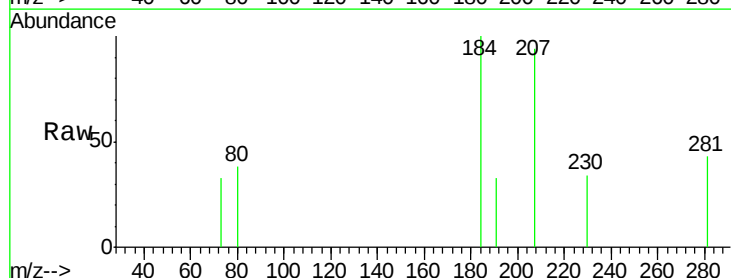
RT: 20.26 min Scan# 2889

Delta R.T. 0.02 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

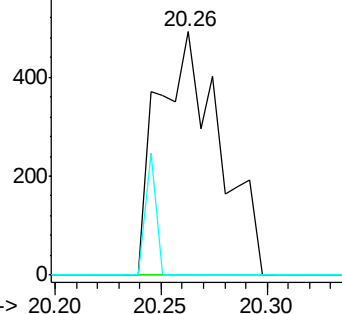
Tgt Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.1	16.7#
183	0.0	10.6	16.0#



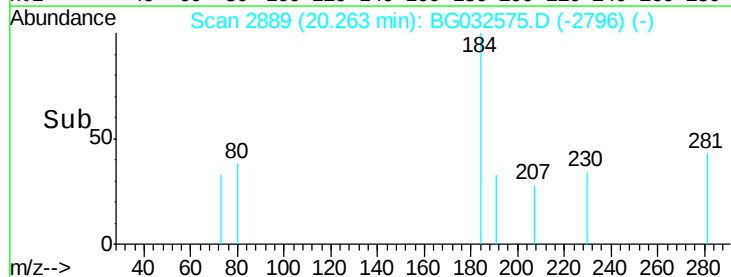
Abundance Ion 184.00 (183.70 to 184.70): E

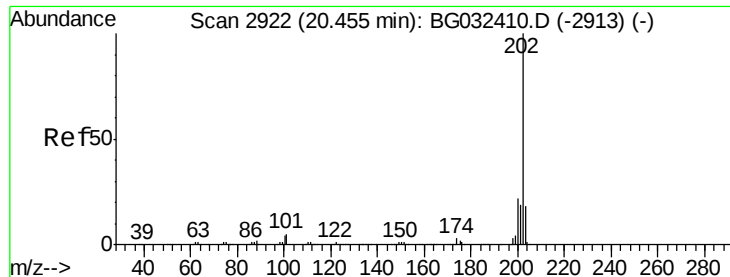
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





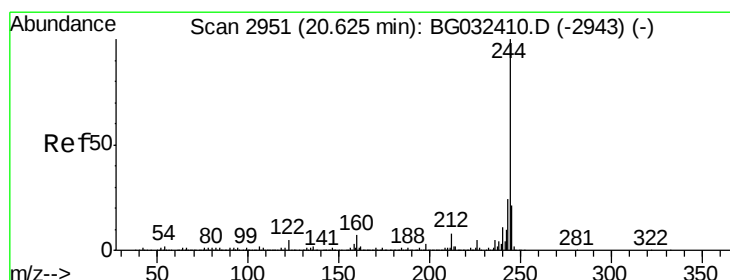
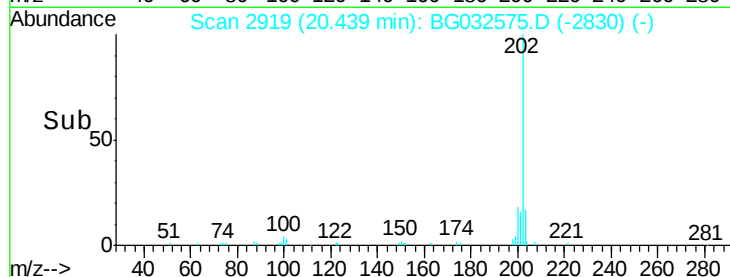
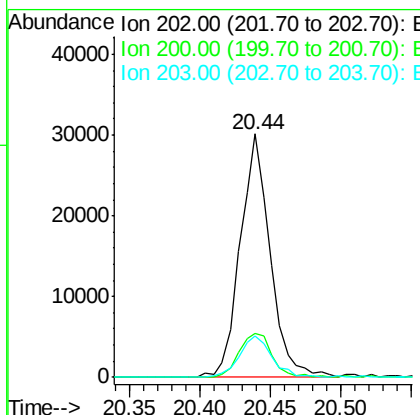
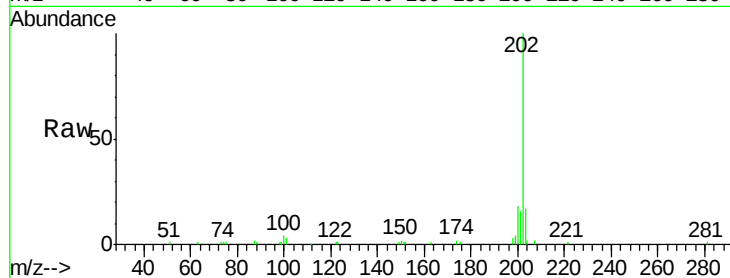
#77
Pvrene
Concen: 3.828 ng
RT: 20.44 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.2	16.9	25.3
203	17.1	13.9	20.9

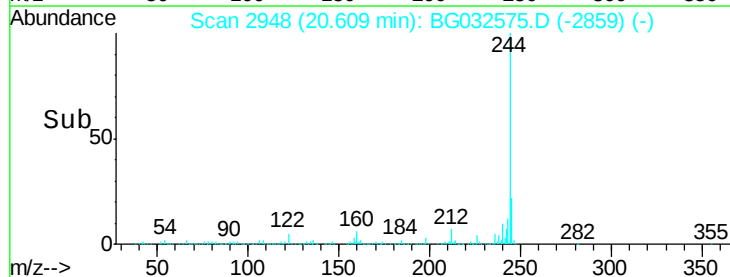
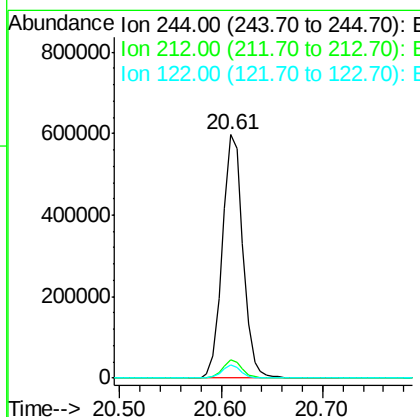
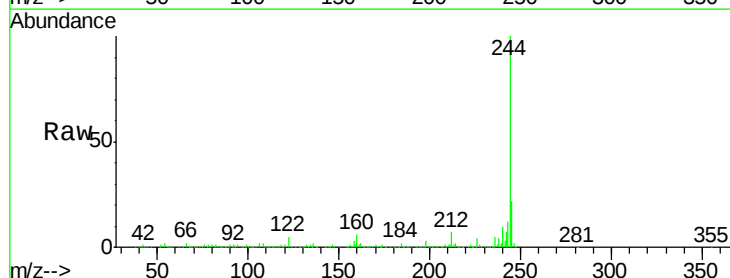
Manual Integrations
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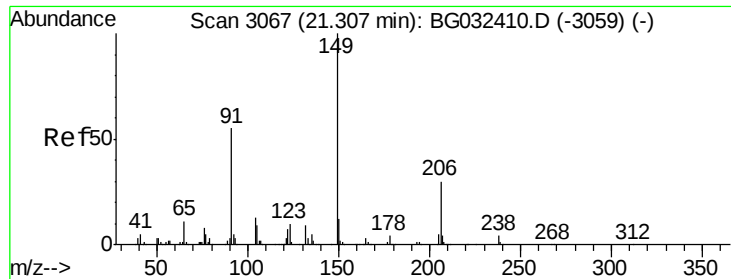
Sohil
2/7/2018 4:14:40 PM



#78
Terphenyl-d14
Concen: 94.619 ng
RT: 20.61 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	5.4	7.0	10.4#





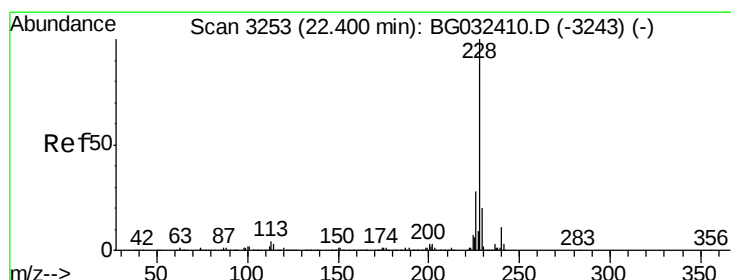
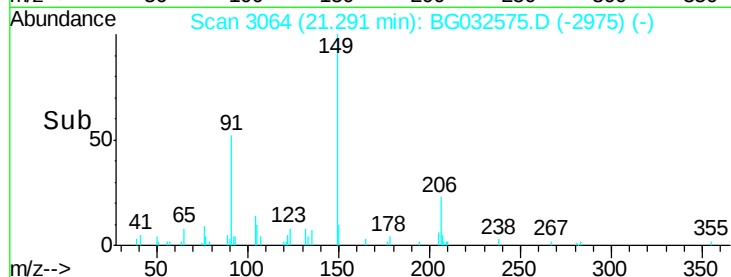
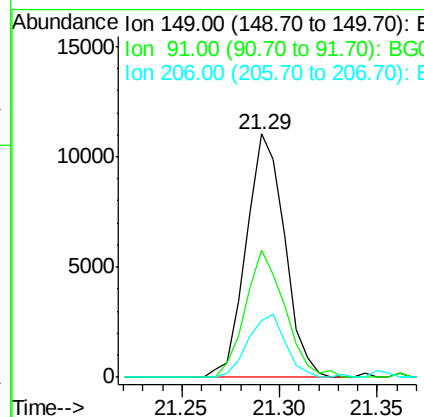
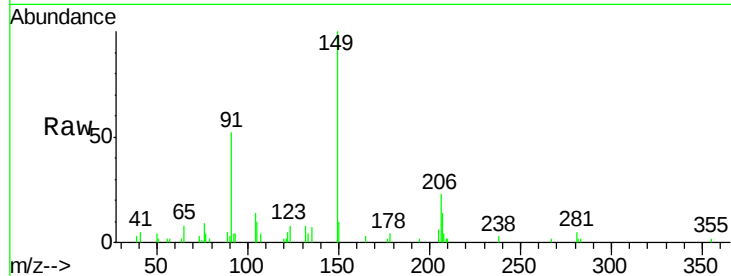
#79
Butylbenzylphthalate
Concen: 4.076 ng
RT: 21.29 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
149	100		
91	52.3	62.2	93.2#
206	23.3	18.6	27.8

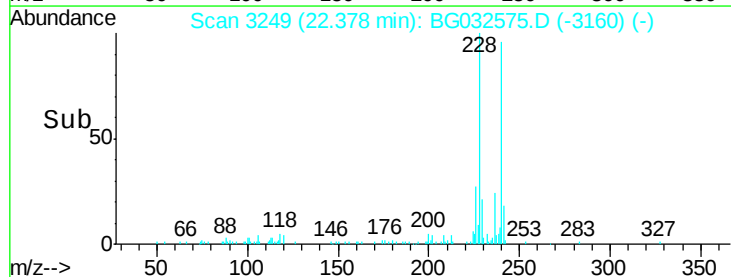
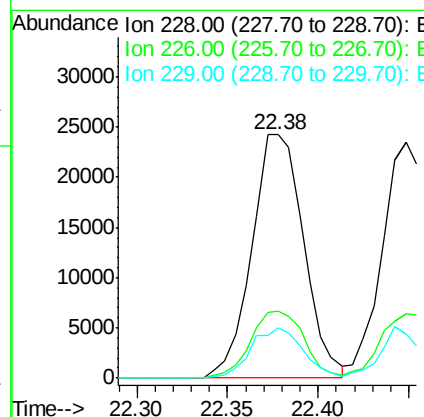
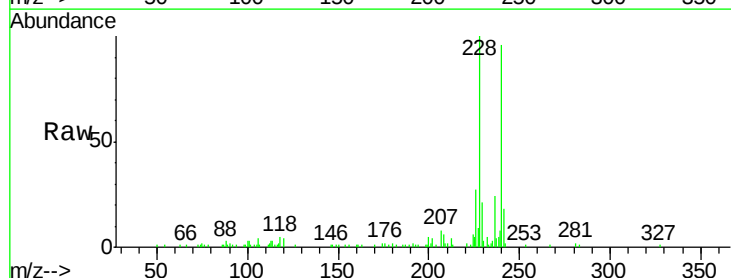
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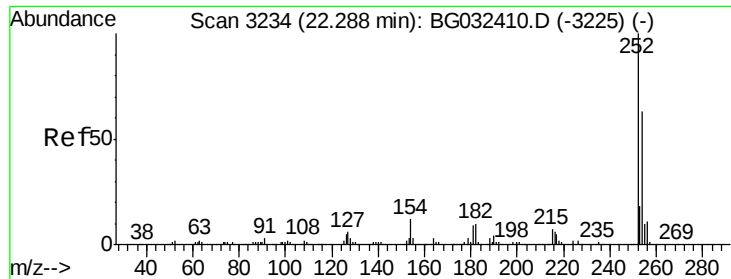
Sohil
2/7/2018 4:14:40 PM



#80
Benzo(a)anthracene
Concen: 4.080 ng
RT: 22.38 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.7	34.1
229	20.7	16.2	24.2





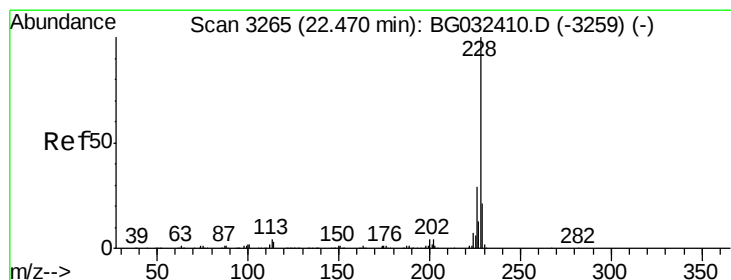
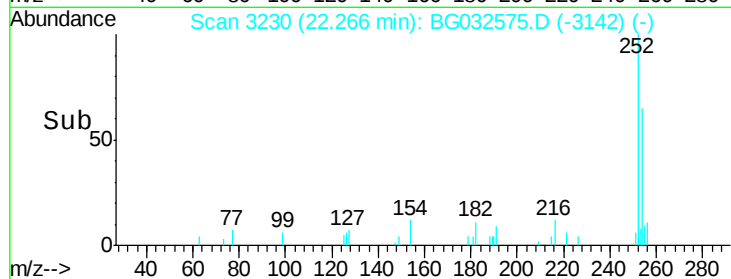
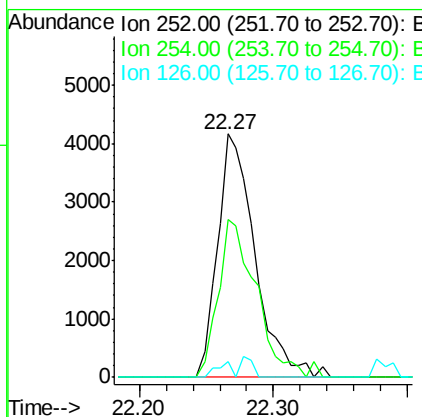
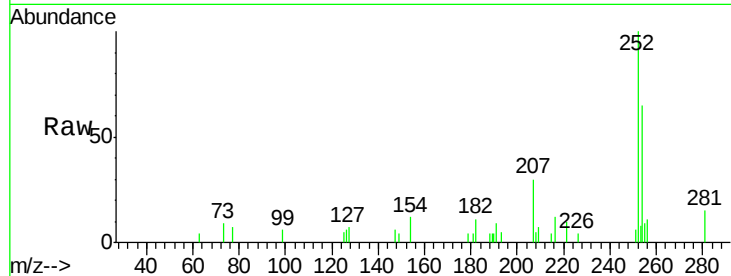
#81
 3,3'-Dichlorobenzidine
 Concen: 1.790 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	6.3	7.4	11.2

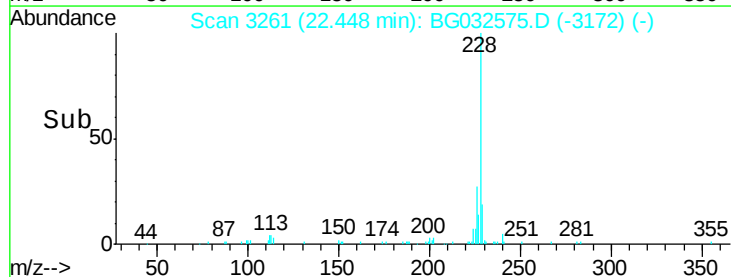
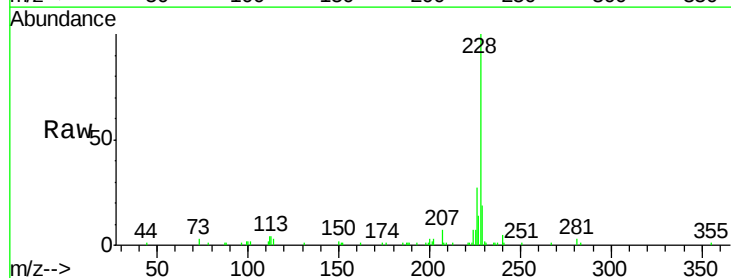
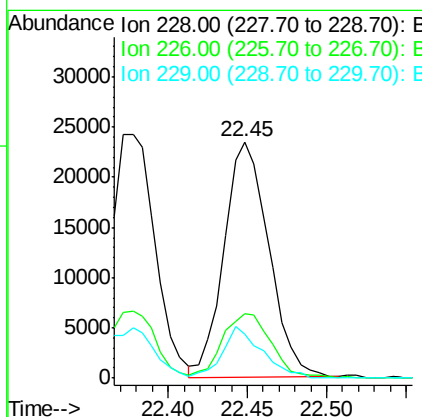
Manual Integrations
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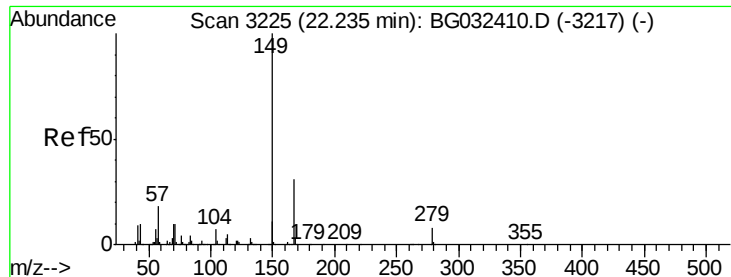
Sohil
 2/7/2018 4:14:40 PM



#82
 Chrysene
 Concen: 3.991 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.9	37.3
229	18.8	15.0	22.4





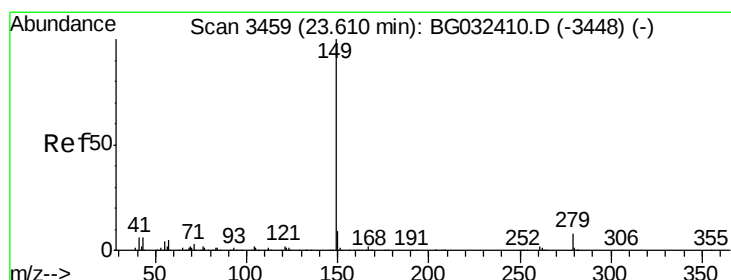
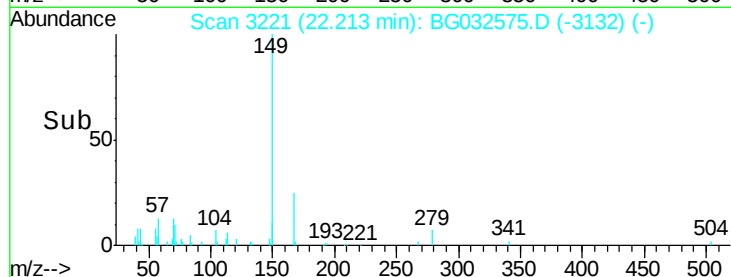
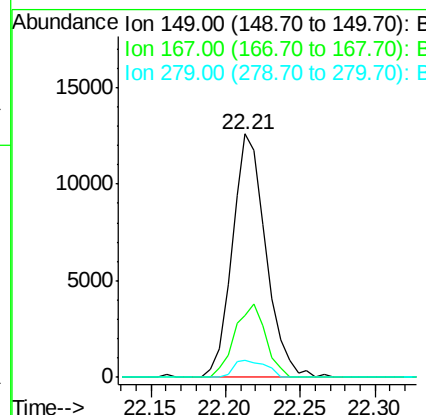
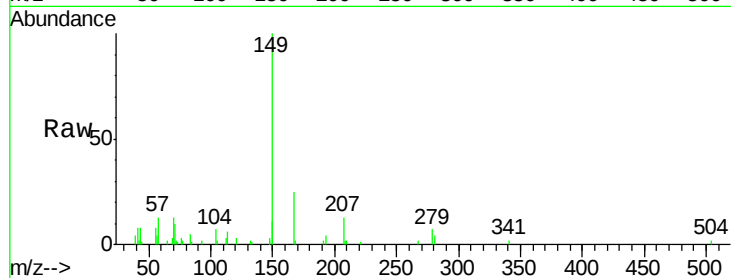
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.784 ng
 RT: 22.21 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	24.3	36.5
279	7.1	4.0	6.0

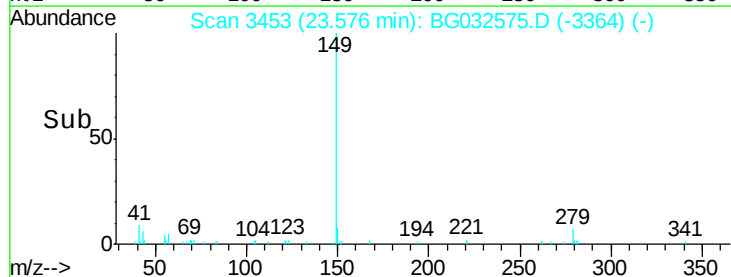
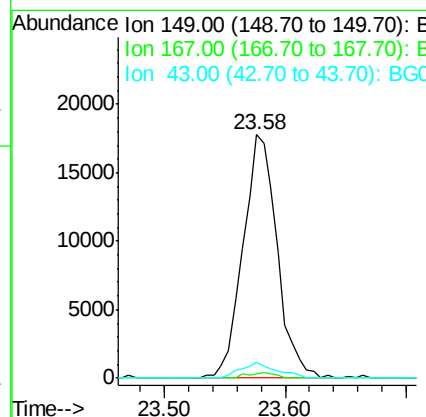
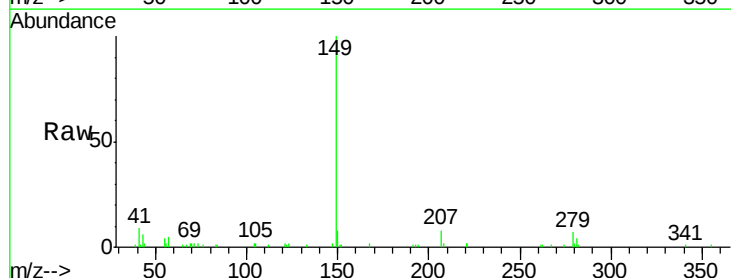
Manual Integrations
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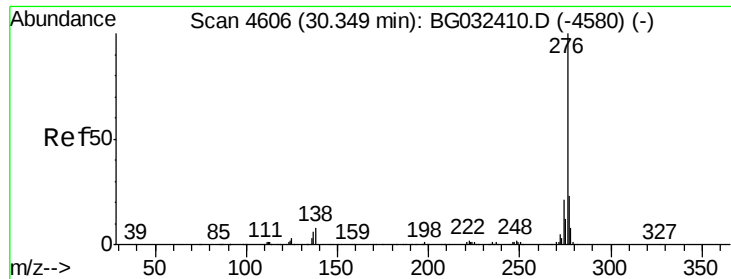
Sohil
 2/7/2018 4:14:40 PM



#84
 Di-n-octyl phthalate
 Concen: 4.210 ng
 RT: 23.58 min Scan# 3453
 Delta R.T. -0.00 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.6	8.9	13.3





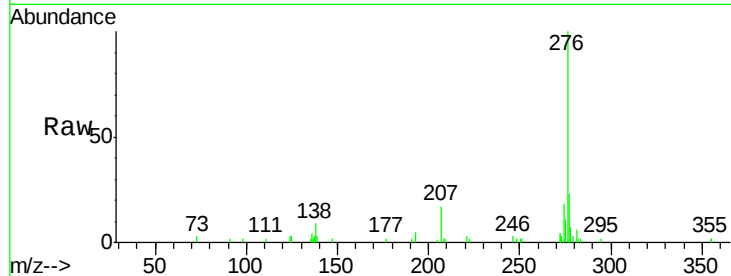
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.483 ng
RT: 30.30 min Scan# 4597
Delta R.T. -0.02 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

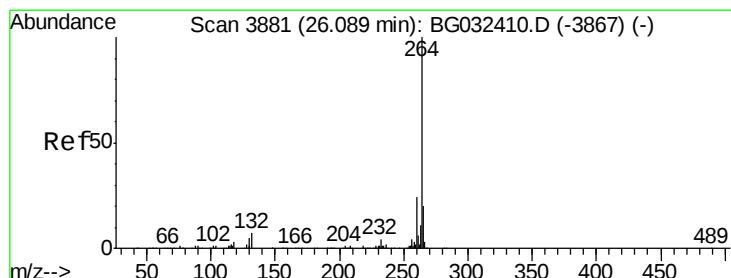
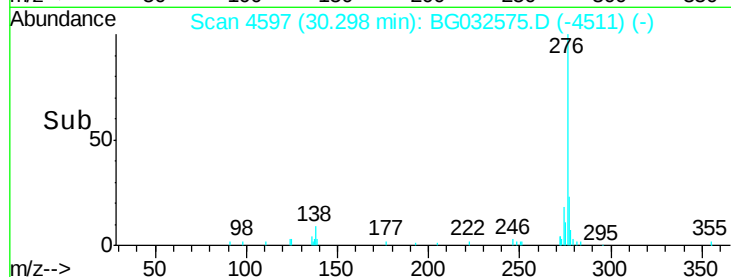
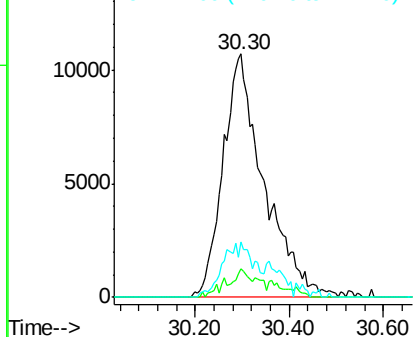
Tot Ion	Ratio	Lower	Upper
276	100		
138	1.8	16.0	24.0#
277	9.2	20.0	30.0#

Manual Integrations
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Sohil
2/7/2018 4:14:40 PM



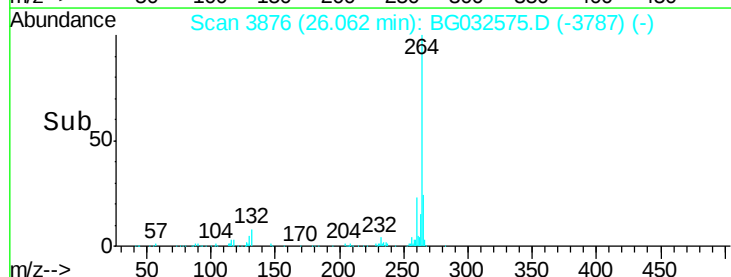
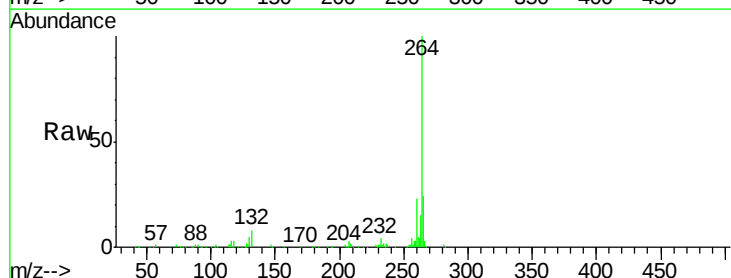
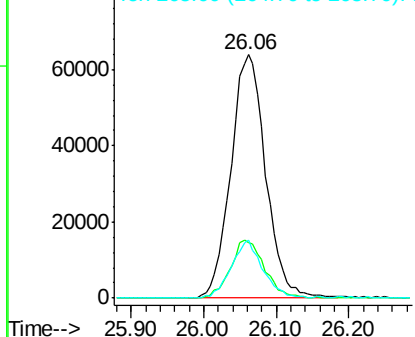
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

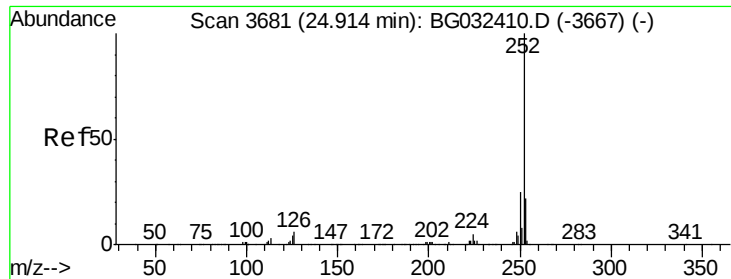


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	23.8	17.7	26.5

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





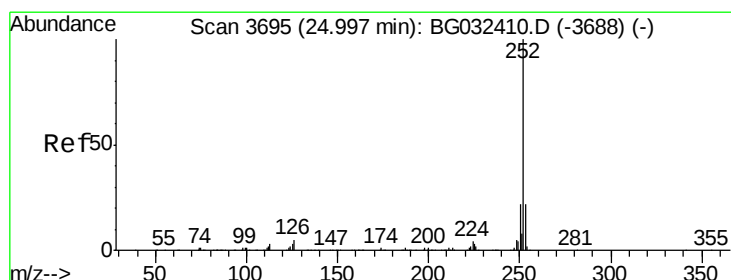
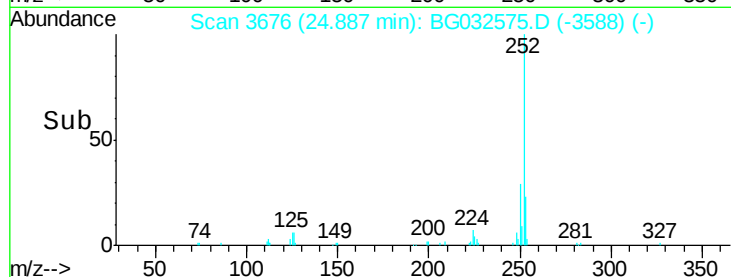
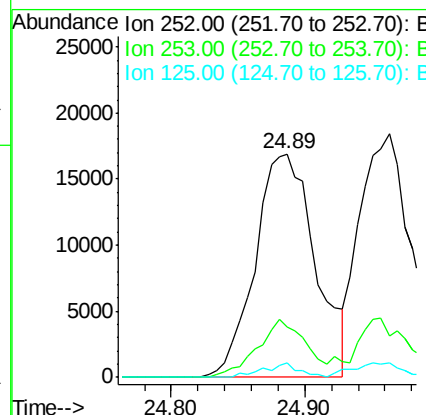
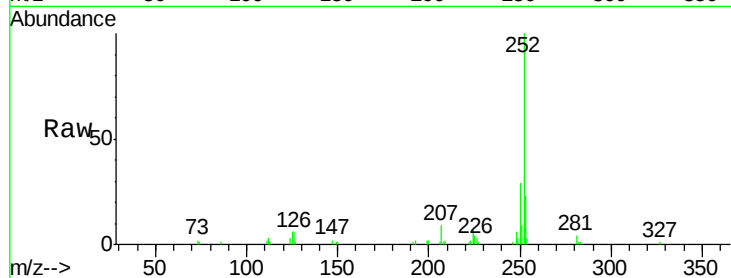
#87
Benzo(b)fluoranthene
Concen: 4.091 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	6.4	7.2	10.8

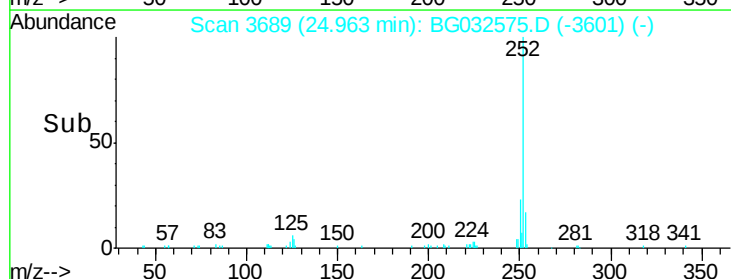
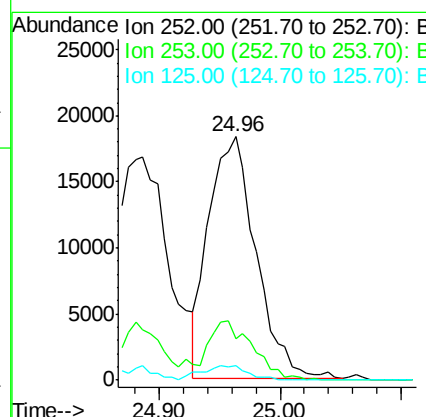
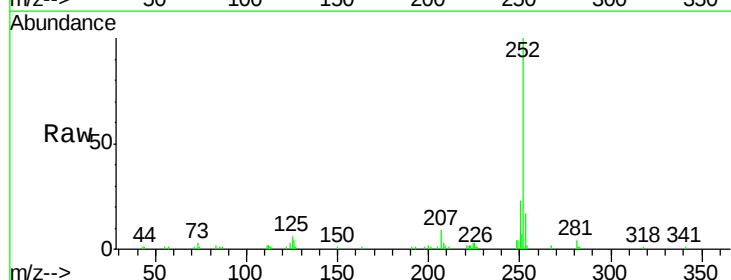
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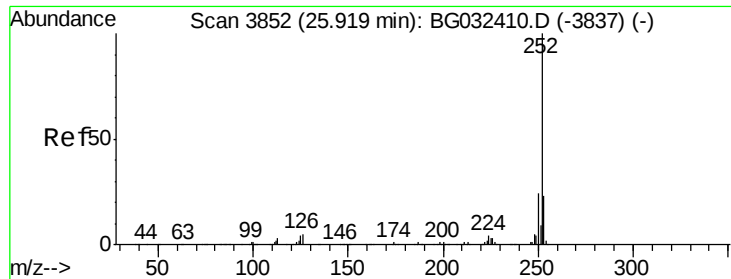
Sohil
2/7/2018 4:14:40 PM



#88
Benzo(k)fluoranthene
Concen: 3.875 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.01 min
Lab File: BG032575.D
Acq: 6 Feb 2018 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.8	17.4	26.2
125	5.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 4.021 ng

RT: 25.89 min Scan# 3846

Delta R.T. -0.02 min

Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Instrument :

BNA_G

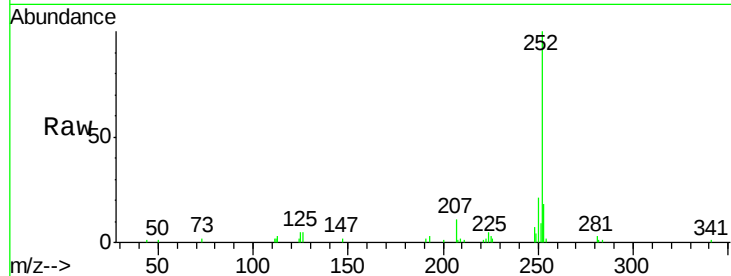
ClientSampleId :

MDL-WATER-03-QT1-2018

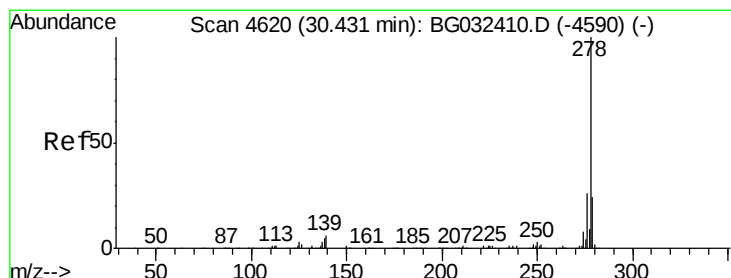
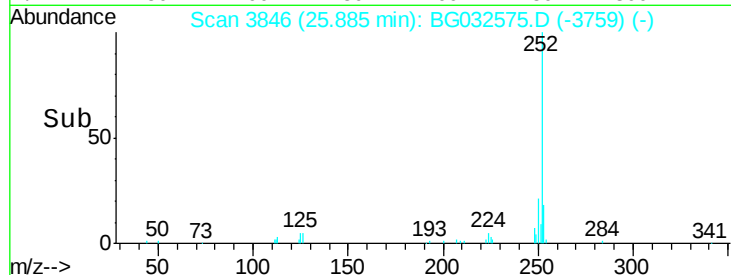
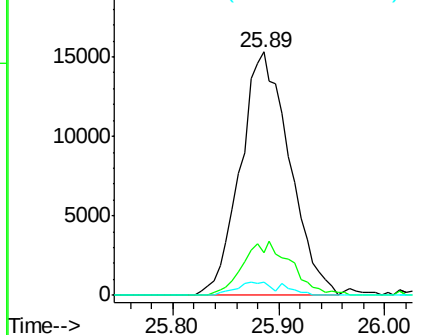
Tot Ion:	252	Resp:	49409
Ion Ratio	Lower	Upper	
252	100		
253	17.7	18.3	27.5#
125	5.2	7.3	10.9#

Manual Integrations
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2/7/2018 4:14:40 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.044 ng

RT: 30.37 min Scan# 4610

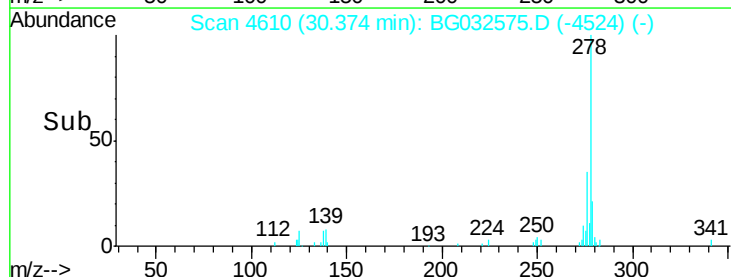
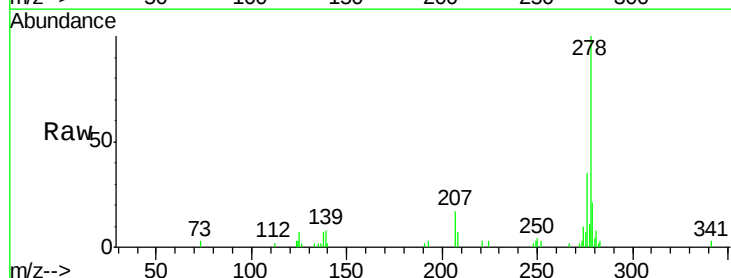
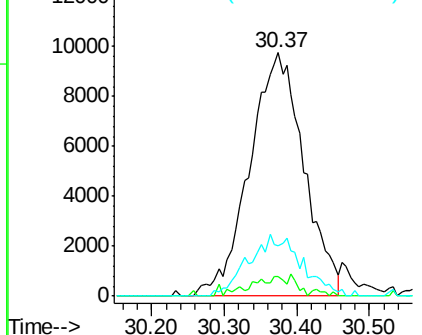
Delta R.T. -0.02 min

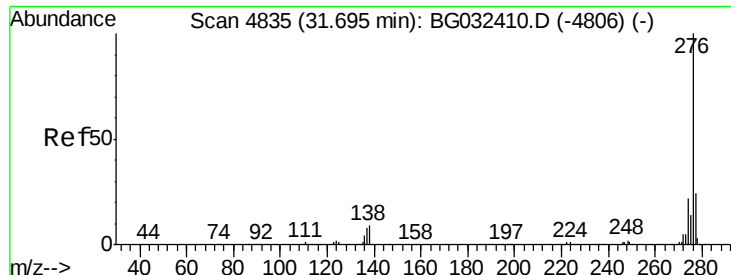
Lab File: BG032575.D

Acq: 6 Feb 2018 20:56

Tgt Ion:	278	Resp:	50841
Ion Ratio	Lower	Upper	
278	100		
139	10.2	9.8	14.6
279	20.8	18.4	27.6

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





#91
 Benzo(a,h,i)perylene
 Concen: 4.311 ng
 RT: 31.63 min Scan# 4824
 Delta R.T. -0.03 min
 Lab File: BG032575.D
 Acq: 6 Feb 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	20.7	18.3	27.5
138	11.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 2/7/2018 4:14:40 PM

