

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037440.D
 Acq On : 19 Oct 2018 5:09
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 1 PPM
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 10/19/2018 3:57:52 PM

Quant Time: Oct 19 10:22:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48985	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	229320	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	157759	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	386690	20.00	ng	0.00
76) Chrysene-d12	21.77	240	352667	20.00	ng	0.00
87) Perylene-d12	25.11	264	356936m	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	425613	145.26	ng	0.00
7) Phenol-d6	7.25	99	622441	140.49	ng	0.00
23) Nitrobenzene-d5	9.29	82	359568	87.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	251384	146.10	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	891264	85.19	ng	0.00
79) Terphenyl-d14	20.09	244	1364340	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	1545	1.040	ng	# 64
3) Pyridine	3.96	79	3641	0.972	ng	# 57
4) n-Nitrosodimethylamine	3.88	42	1470	1.102	ng	# 53
6) Aniline	7.43	93	3754	0.695	ng	96
8) 2-Chlorophenol	7.67	128	3829	1.117	ng	99
9) Benzaldehyde	7.25	77	3746	1.352	ng	# 77
10) Phenol	7.27	94	4759	1.018	ng	# 41
11) bis(2-Chloroethyl)ether	7.52	93	3754	1.057	ng	# 80
12) 1,3-Dichlorobenzene	7.99	146	3977	1.042	ng	94
13) 1,4-Dichlorobenzene	8.15	146	4093m	1.049	ng	
14) 1,2-Dichlorobenzene	8.46	146	3944	1.050	ng	93
15) Benzyl Alcohol	8.34	79	3550	1.084	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.64	45	6738	1.061	ng	95
17) 2-Methylphenol	8.54	107	3240	1.048	ng	# 83
18) Hexachloroethane	9.19	117	1297	0.975	ng	# 86
19) n-Nitroso-di-n-propylamine	8.91	70	2839	0.931	ng	# 94
20) 3+4-Methylphenols	8.86	107	4356	0.986	ng	95
22) Acetophenone	8.94	105	5703	0.992	ng	# 90
24) Nitrobenzene	9.32	77	5888	1.385	ng	97
25) Isophorone	9.85	82	7585	1.014	ng	# 95
26) 2-Nitrophenol	10.04	139	1919	1.002	ng	# 81
27) 2,4-Dimethylphenol	10.07	122	3347	0.978	ng	# 90
28) bis(2-Chloroethoxy)methane	10.33	93	5102	1.041	ng	# 91
29) 2,4-Dichlorophenol	10.56	162	3592	0.943	ng	83
30) 1,2,4-Trichlorobenzene	10.79	180	4140	1.000	ng	86
31) Naphthalene	10.98	128	12783	1.135	ng	97
33) 4-Chloroaniline	11.10	127	3849	0.727	ng	95
34) Hexachlorobutadiene	11.25	225	2502	1.019	ng	# 82
35) Caprolactam	11.86	113	1257	0.823	ng	# 71
36) 4-Chloro-3-methylphenol	12.20	107	4207	0.979	ng	# 78
37) 2-Methylnaphthalene	12.58	142	9389	1.144	ng	95
38) 1-Methylnaphthalene	12.80	142	10069m	1.263	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	5053	0.993	ng	95
41) Hexachlorocyclopentadiene	12.91	237	2024	0.833	ng	95

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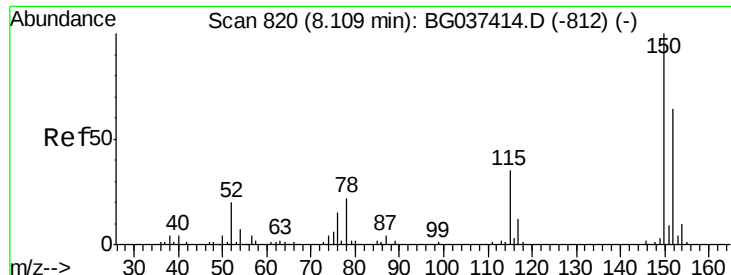
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.17	196	3031m	0.892	nq	
44) 2,4,5-Trichlorophenol	13.24	196	2730	0.738	nq	# 88
46) 1,1'-Biphenyl	13.58	154	13718	1.050	nq	89
47) 2-Chloronaphthalene	13.62	162	9884	1.000	nq	97
48) 2-Nitroaniline	13.83	65	2628	0.877	nq	90
49) Acenaphthylene	14.47	152	17026	1.145	nq	94
50) Dimethylphthalate	14.19	163	13230	1.084	nq	96
51) 2,6-Dinitrotoluene	14.31	165	2448	0.907	nq	# 87
52) Acenaphthene	14.80	154	9927	1.084	nq	93
53) 3-Nitroaniline	14.65	138	2195	0.732	nq	# 89
55) Dibenzofuran	15.13	168	16706	1.101	nq	97
56) 4-Nitrophenol	14.95	139	708	0.319	nq	# 50
57) 2,4-Dinitrotoluene	15.09	165	2746	0.775	nq	# 90
58) Fluorene	15.79	166	13501	1.188	nq	# 86
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2428	0.766	nq	# 98
60) Diethylphthalate	15.54	149	13152	1.050	nq	97
61) 4-Chlorophenyl-phenylether	15.77	204	7008	1.058	nq	96
62) 4-Nitroaniline	15.82	138	2197	0.738	nq	# 78
63) Azobenzene	16.07	77	12191	1.020	nq	94
65) 4,6-Dinitro-2-methylphenol	15.86	198	121m	8.557	nq	
66) n-Nitrosodiphenylamine	15.99	169	11432	0.983	nq	96
67) 4-Bromophenyl-phenylether	16.67	248	4146	0.976	nq	96
68) Hexachlorobenzene	16.78	284	4311	0.980	nq	# 81
69) Atrazine	16.93	200	3658	0.870	nq	94
70) Pentachlorophenol	17.13	266	766	0.260	nq	# 33
71) Phenanthrene	17.53	178	24465m	1.245	nq	
72) Anthracene	17.62	178	22074	1.145	nq	97
73) Carbazole	17.89	167	18408	0.954	nq	# 90
74) Di-n-butylphthalate	18.43	149	19873	0.926	nq	99
75) Fluoranthene	19.53	202	24607	1.104	nq	100
77) Benzidine	19.72	184	2282	0.190	nq	94
78) Pyrene	19.90	202	24976	1.083	nq	94
80) Butylbenzylphthalate	20.77	149	8207	0.870	nq	92
81) Benzo(a)anthracene	21.75	228	23079	1.106	nq	97
82) 3,3'-Dichlorobenzidine	21.67	252	5078	0.628	nq	89
83) Chrysene	21.81	228	23588	1.176	nq	93
84) Bis(2-ethylhexyl)phthalate	21.63	149	11349	0.858	nq	99
85) Di-n-octyl phthalate	22.88	149	17812	0.826	nq	# 87
86) Indeno(1,2,3-cd)pyrene	28.93	276	18798m	0.874	nq	
88) Benzo(b)fluoranthene	24.03	252	20869	1.066	nq	96
89) Benzo(k)fluoranthene	24.11	252	23210m	1.211	nq	
90) Benzo(a)pyrene	24.95	252	18425	0.991	nq	97
91) Dibenzo(a,h)anthracene	29.01	278	11978	0.698	nq	# 91
92) Benzo(g,h,i)perylene	30.12	276	17029m	0.981	nq	

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



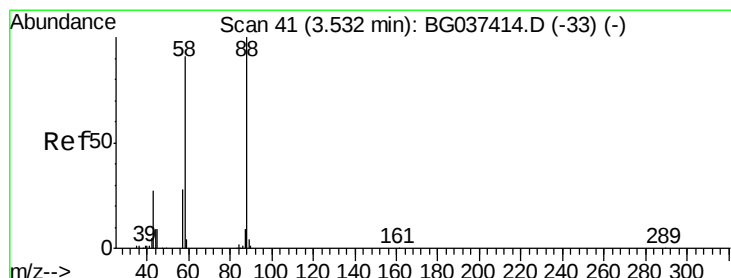
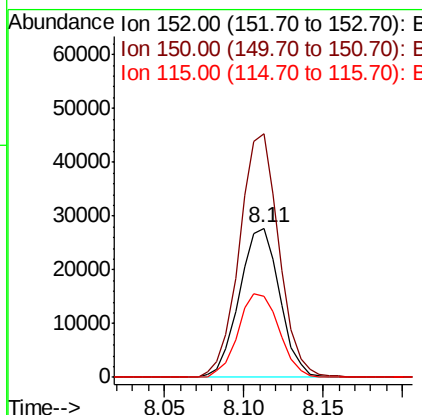
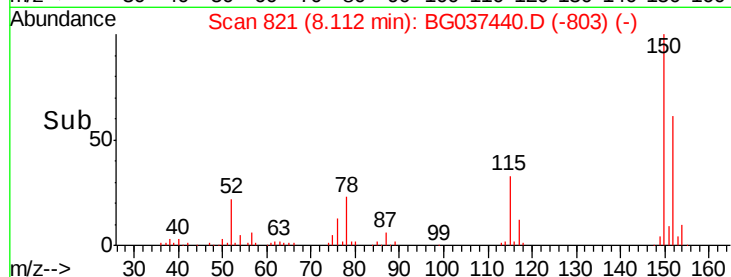
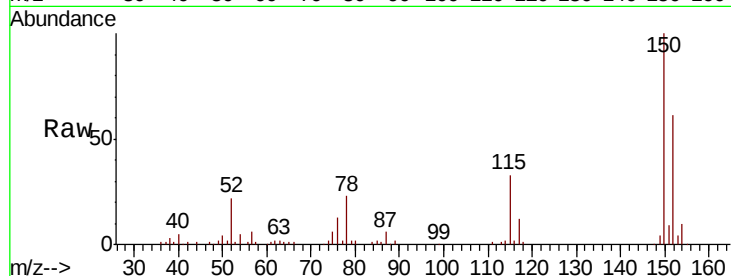
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	126.0	189.0
115	54.5	45.5	68.3

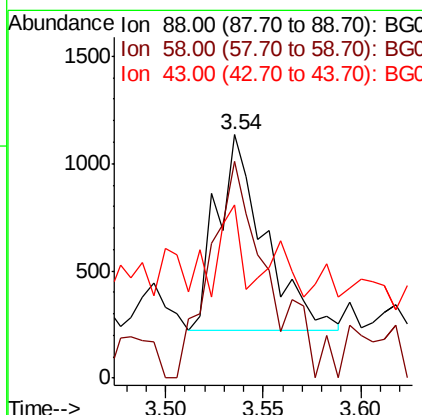
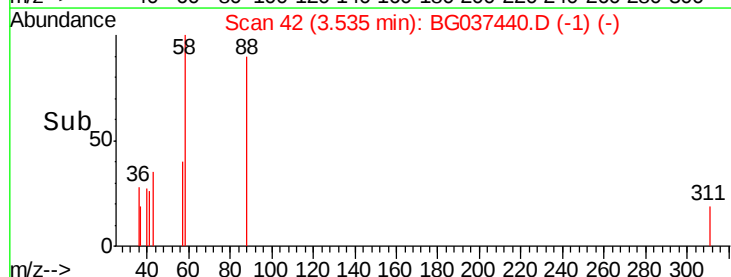
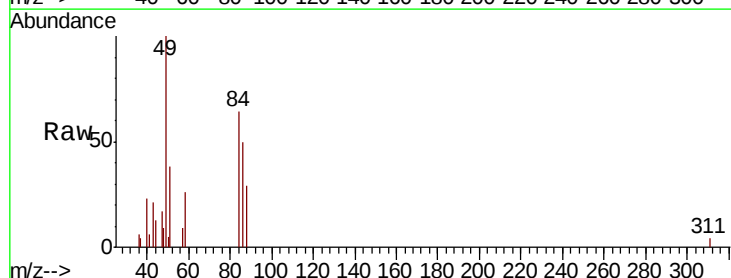
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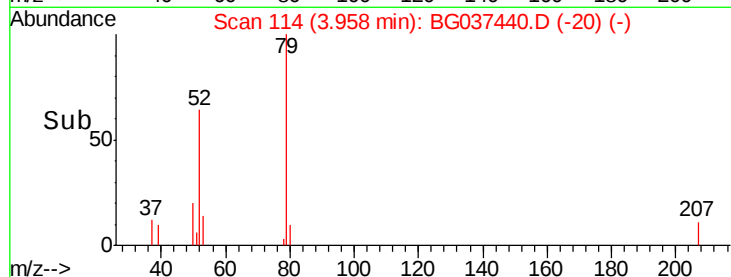
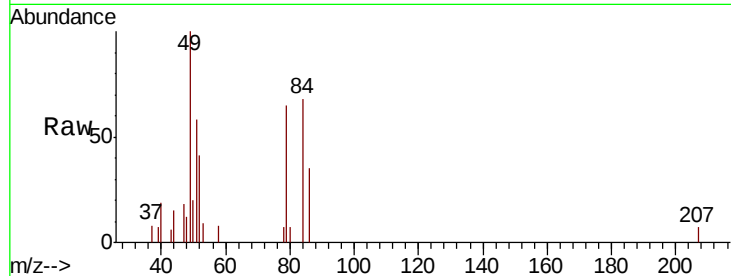
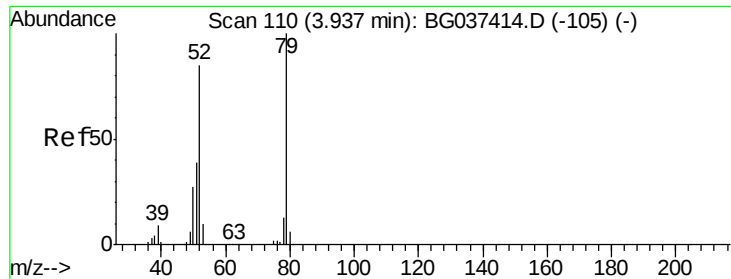
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#2
 1,4-Dioxane
 Concen: 1.040 ng
 RT: 3.54 min Scan# 42
 Delta R.T. 0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	134.4	74.4	111.6#
43	22.8	25.8	38.8#





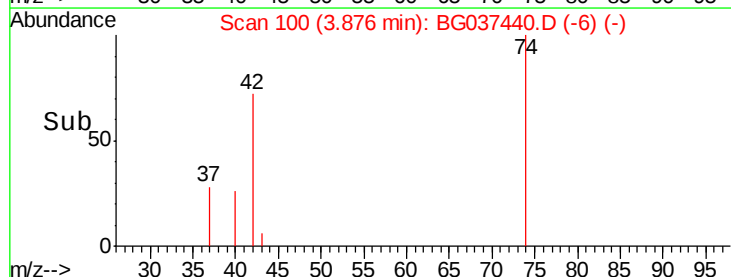
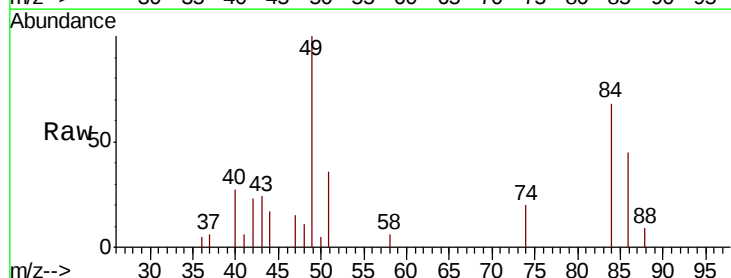
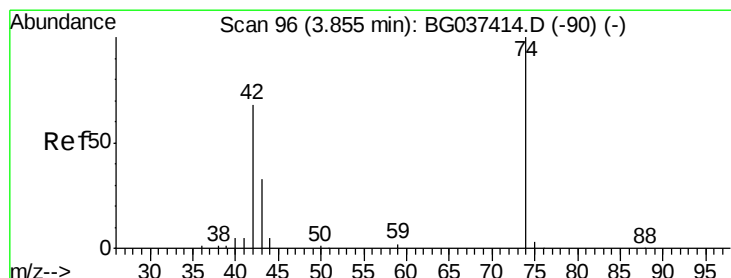
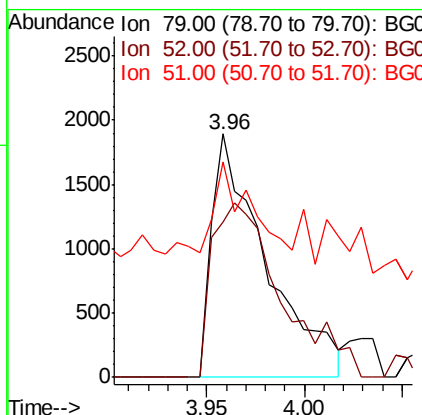
#3
Pvridine
Concen: 0.972 ng
RT: 3.96 min Scan# 114
Delta R.T. 0.02 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.7	74.2	111.2#
51	88.5	34.6	51.8#

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

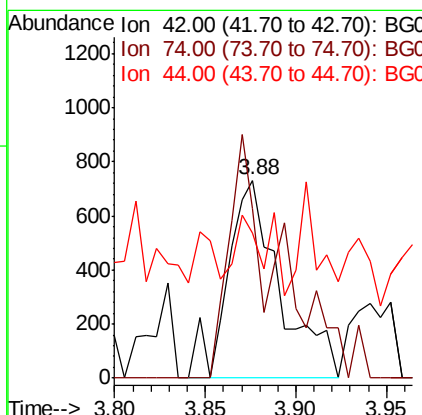
Manual Integrations
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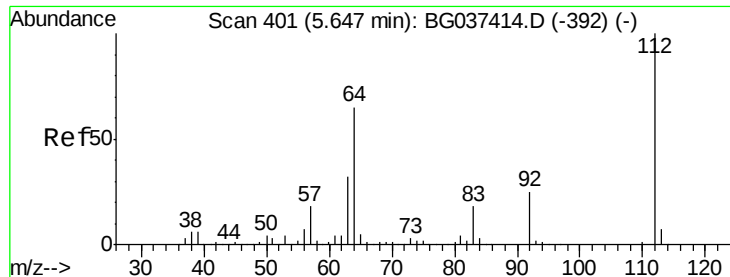
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#4
n-Nitrosodimethylamine
Concen: 1.102 ng
RT: 3.88 min Scan# 100
Delta R.T. 0.02 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	85.3	102.0	153.0#
44	73.5	9.6	14.4#





#5

2-Fluorophenol

Concen: 145.261 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

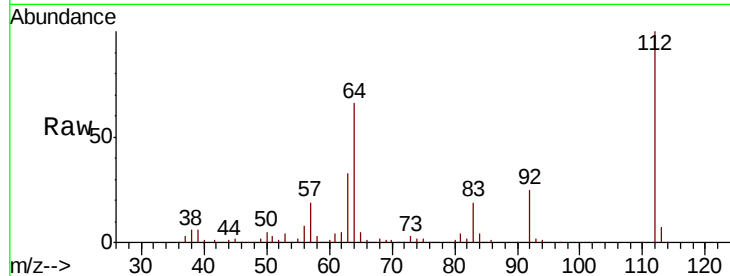
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MDL-WATER-03-QT4-2018

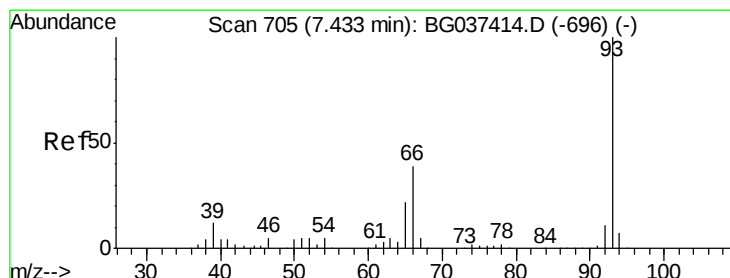
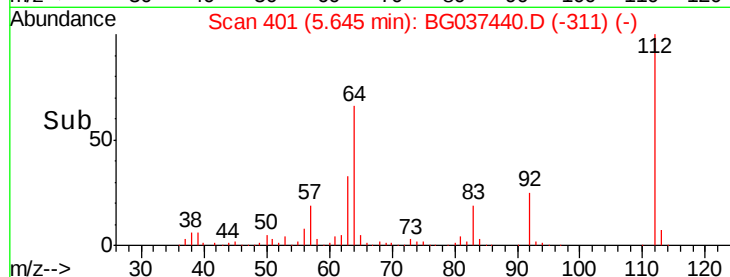
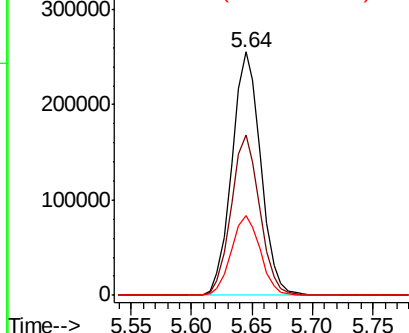
Tot Ion:	112	Resp:	425613
Ion Ratio	Lower	Upper	
112	100		
64	65.9	53.1	79.7
63	33.0	27.3	40.9

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



#6

Aniline

Concen: 0.695 ng

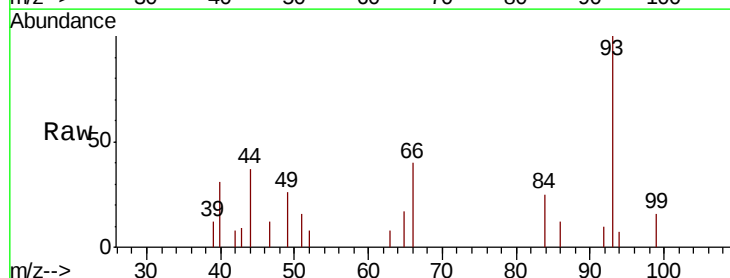
RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

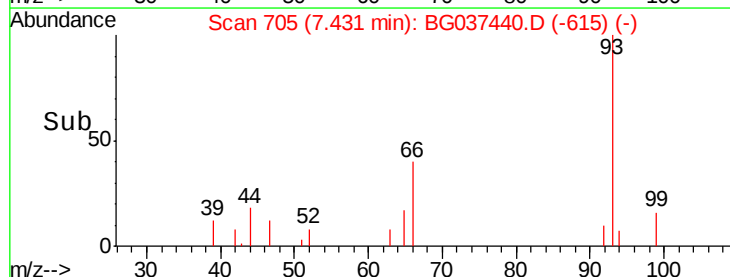
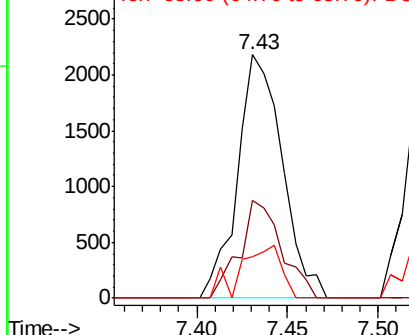
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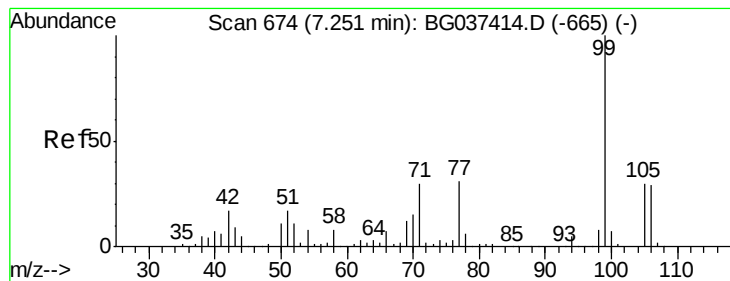
Acq: 19 Oct 2018 5:09

Tgt Ion:	93	Resp:	3754
Ion Ratio	Lower	Upper	
93	100		
66	39.9	32.8	49.2
65	16.8	16.4	24.6



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





#7

Phenol-d6

Concen: 140.490 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

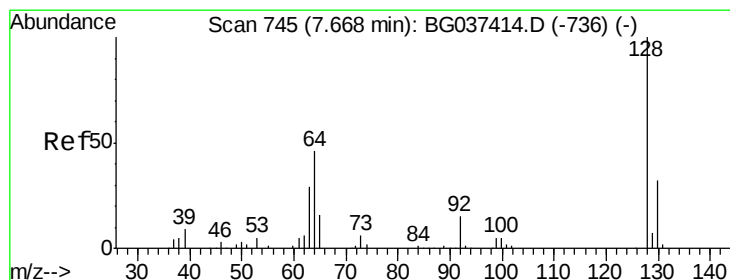
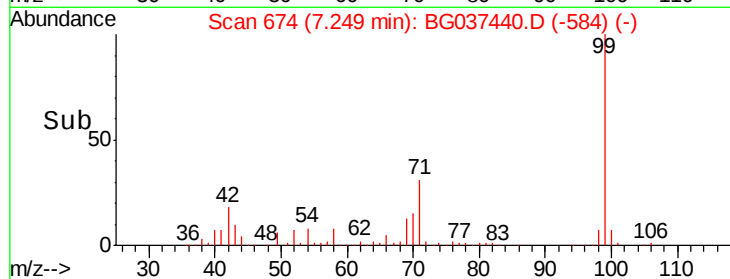
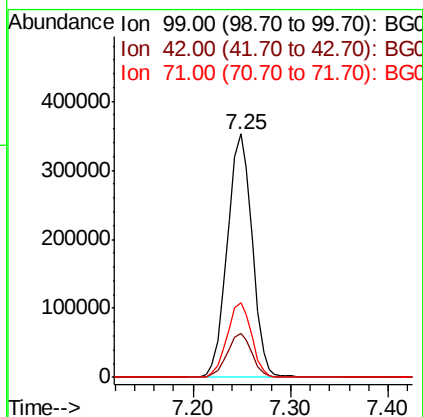
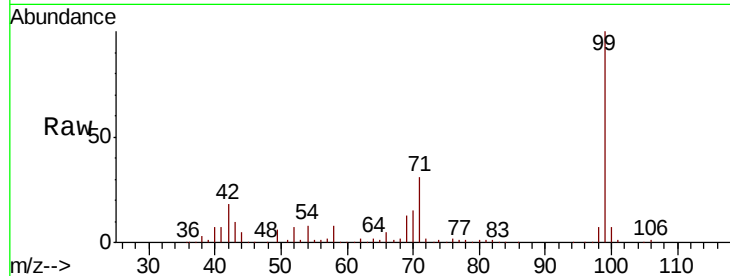
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	99	Resp:	622441
Ion Ratio	Lower	Upper	
99	100		
42	18.0	15.0	22.4
71	30.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 1.117 ng

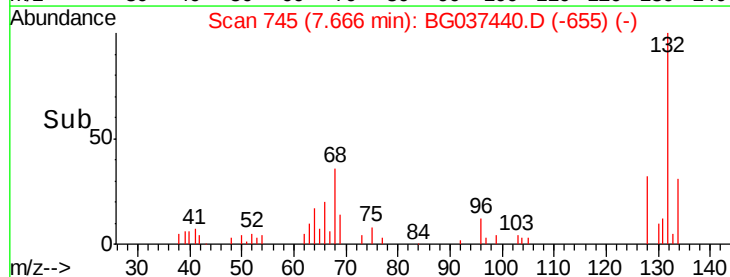
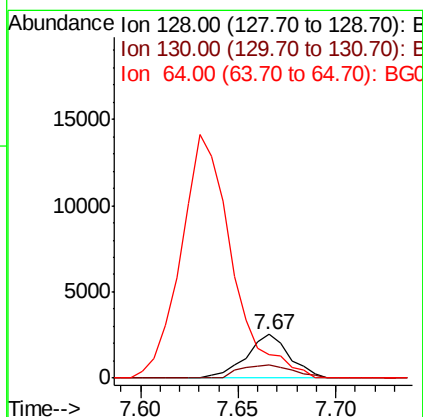
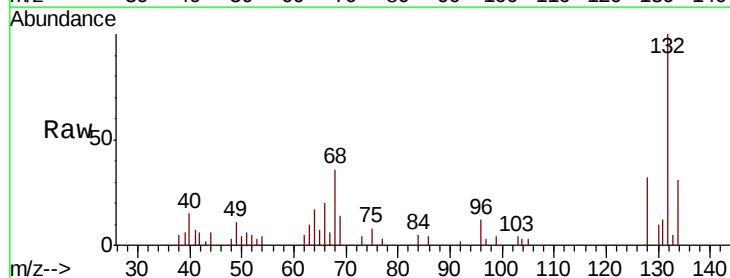
RT: 7.67 min Scan# 745

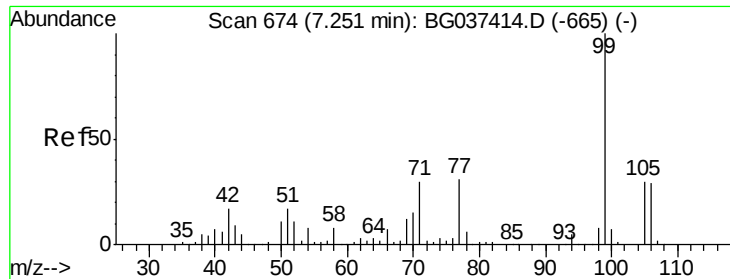
Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Tgt Ion:	128	Resp:	3829
Ion Ratio	Lower	Upper	
128	100		
130	30.3	12.0	52.0
64	53.1	32.9	72.9





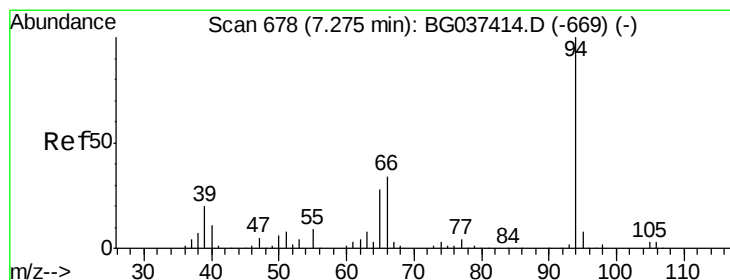
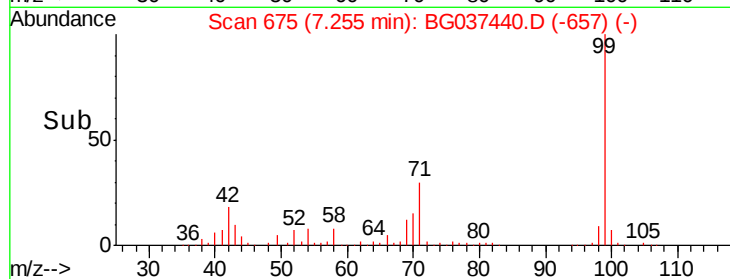
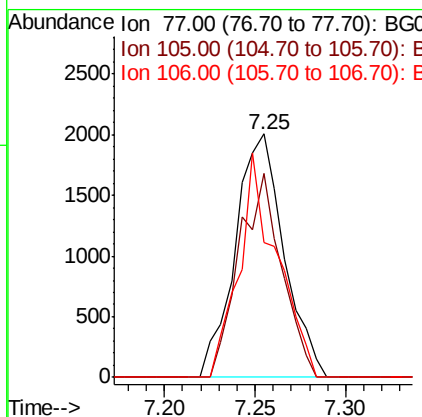
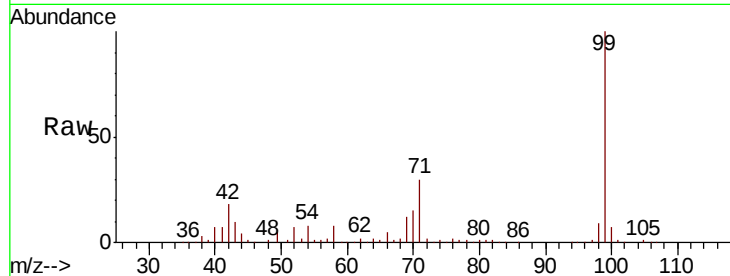
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Benzaldehyde
Concen: 1.352 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.8	72.6	112.6
106	55.5	71.3	111.3

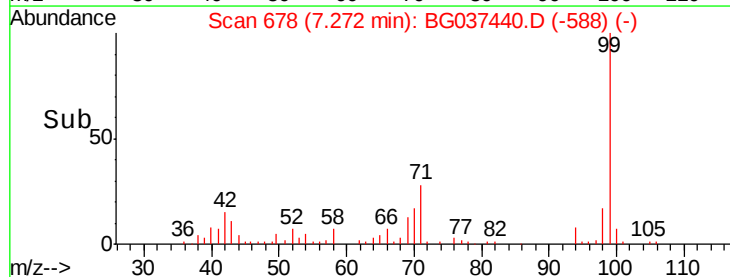
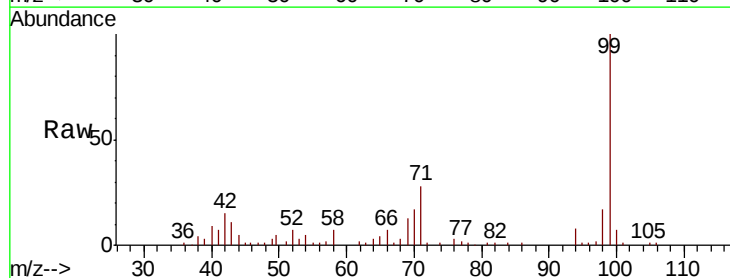
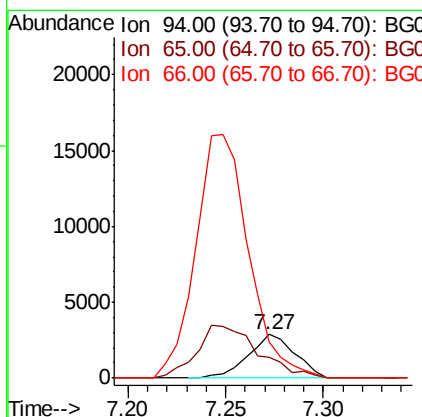
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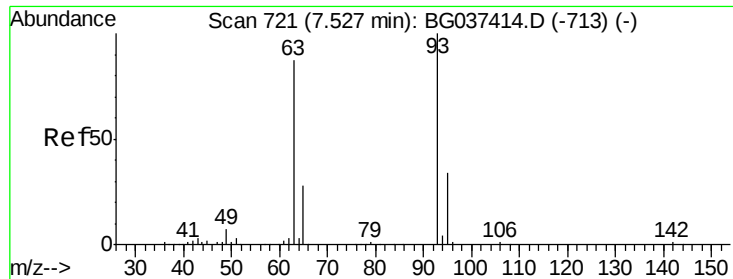
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#10
Phenol
Concen: 1.018 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	48.2	9.7	49.7
66	82.8	15.9	55.9





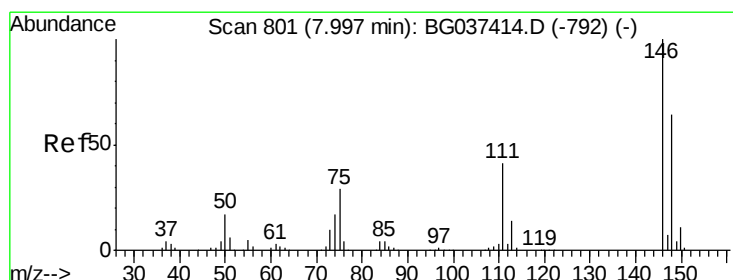
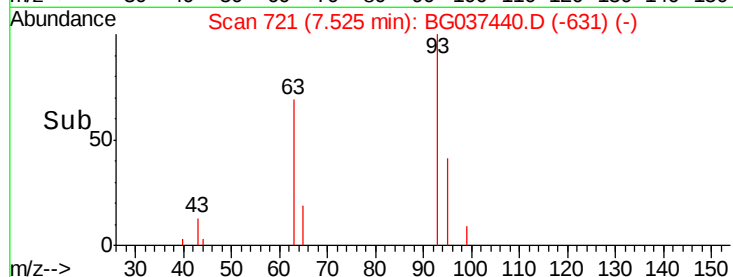
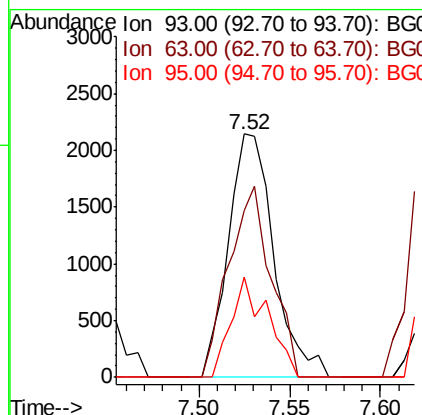
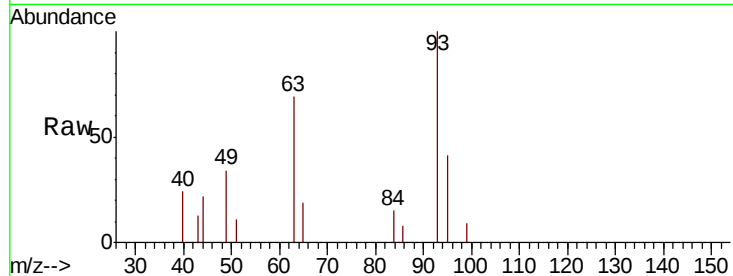
#11
bis(2-Chloroethyl)ether
Concen: 1.057 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.7	69.5	109.5#
95	41.4	12.6	52.6

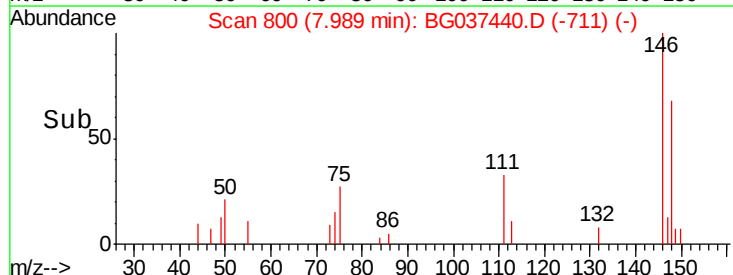
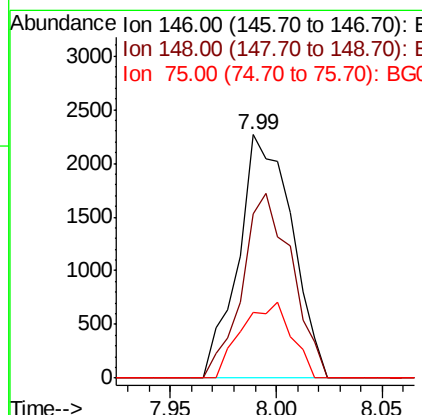
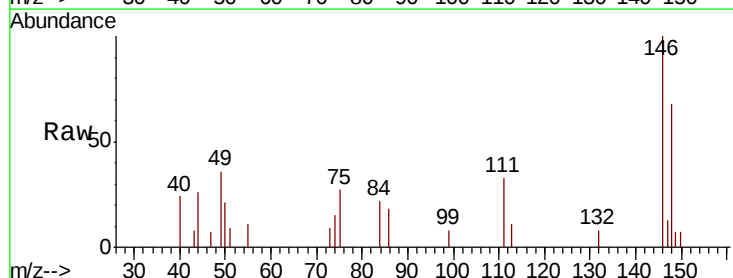
Manual Integrations
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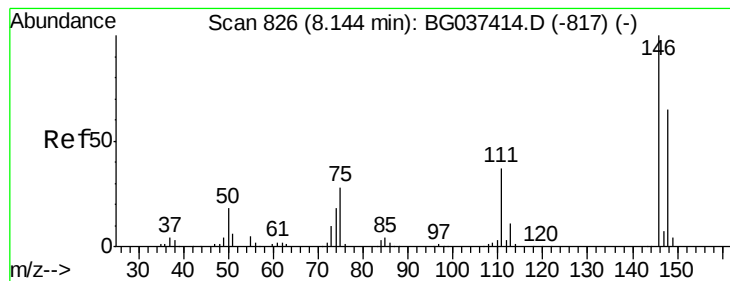
Sohil
10/19/2018 3:57:52 PM



#12
1,3-Dichlorobenzene
Concen: 1.042 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	49.8	74.8
75	27.0	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 1.049 ng m

RT: 8.15 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

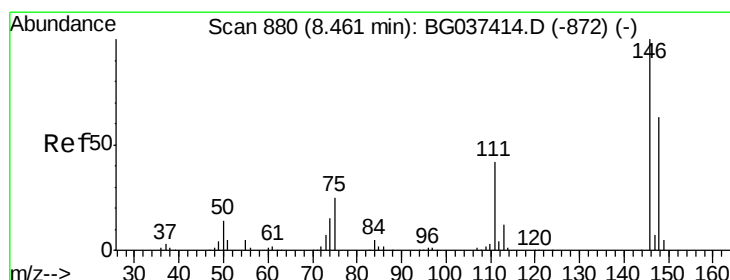
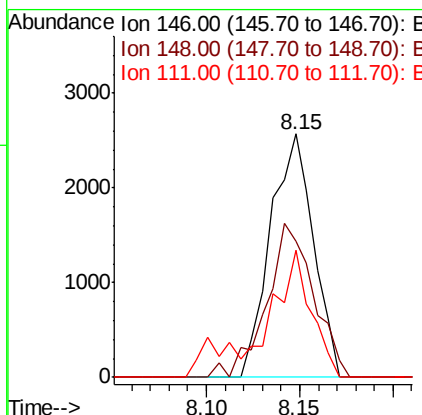
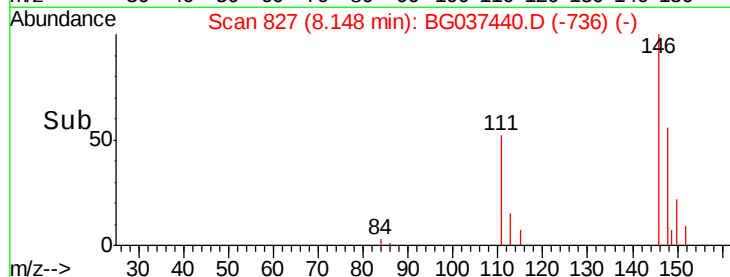
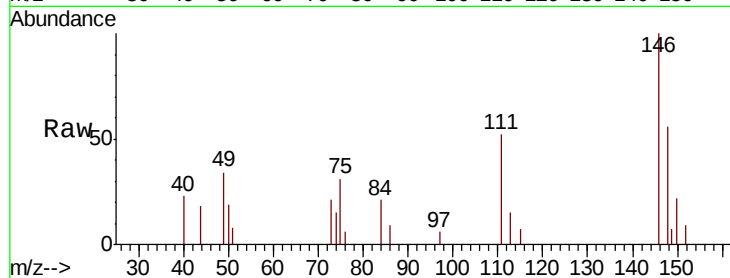
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	55.8	51.0	76.6
111	52.0	32.4	48.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 1.050 ng

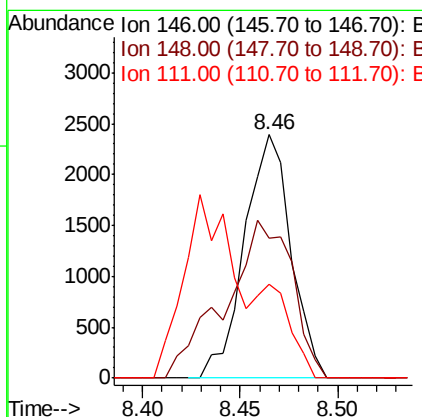
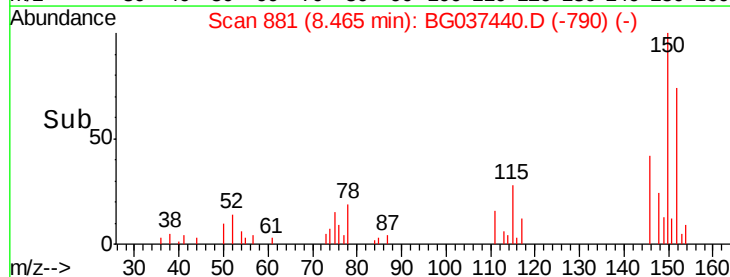
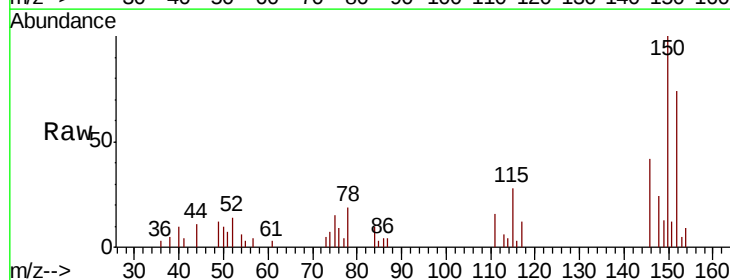
RT: 8.46 min Scan# 881

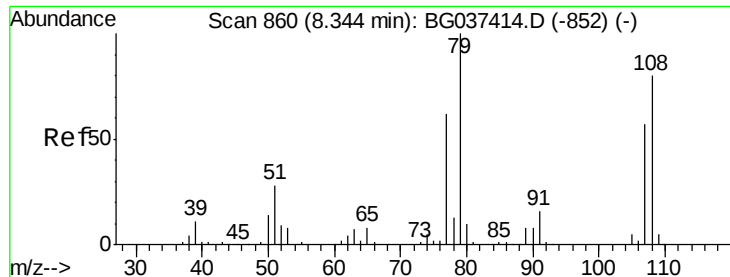
Delta R.T. 0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.5	50.4	75.6
111	38.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 1.084 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

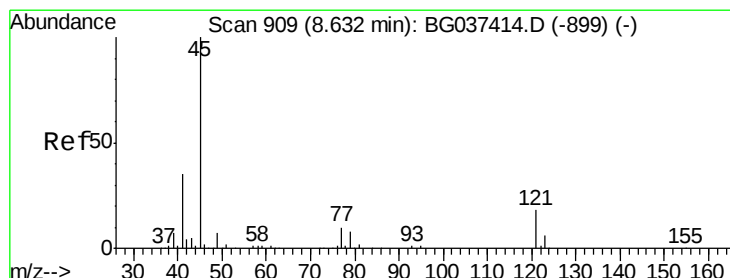
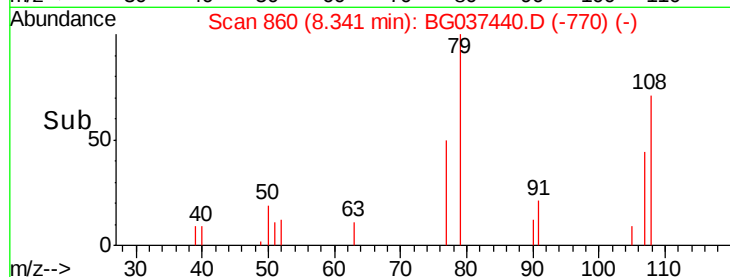
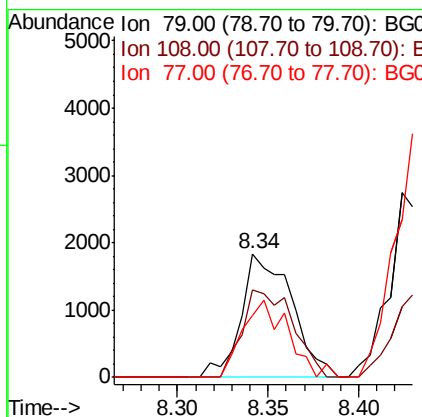
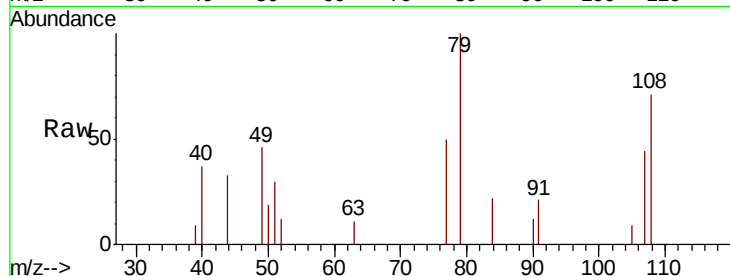
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	65.8	98.8
77	50.1	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 1.061 ng

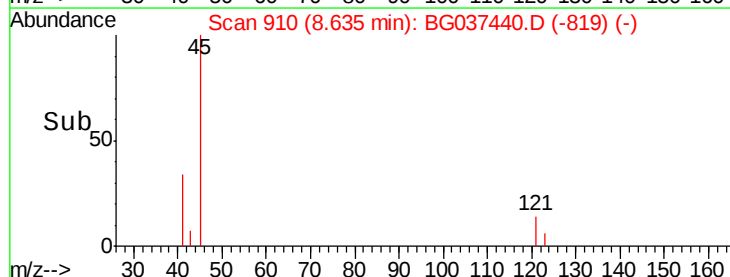
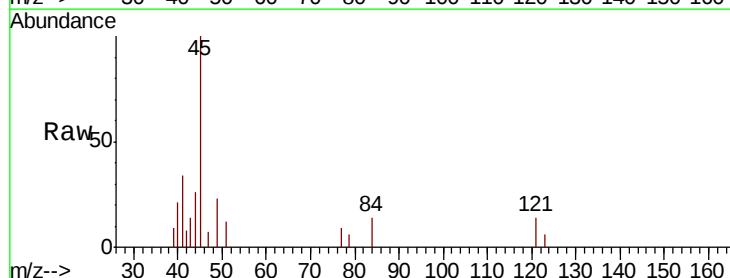
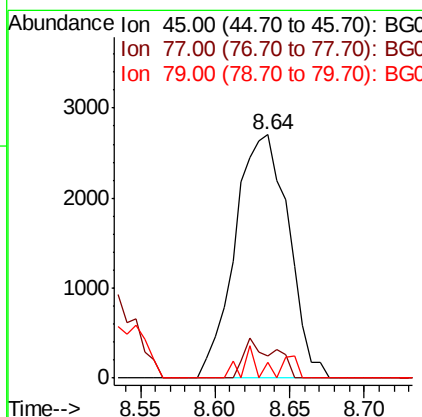
RT: 8.64 min Scan# 910

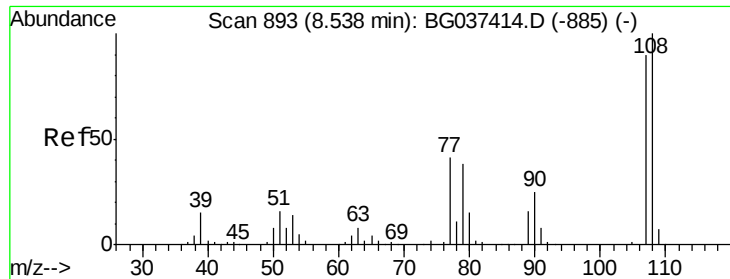
Delta R.T. 0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	30.0
79	6.2	0.0	29.0





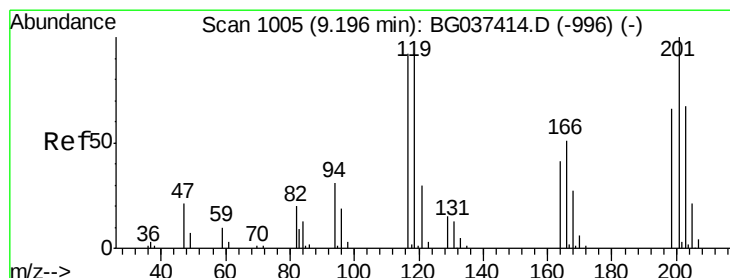
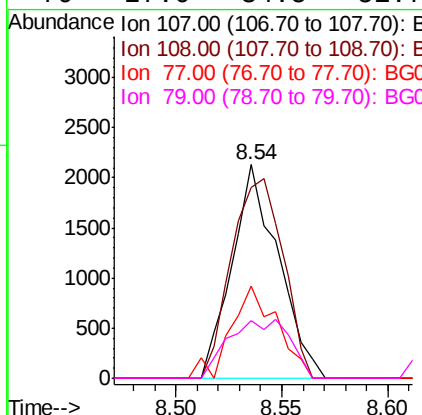
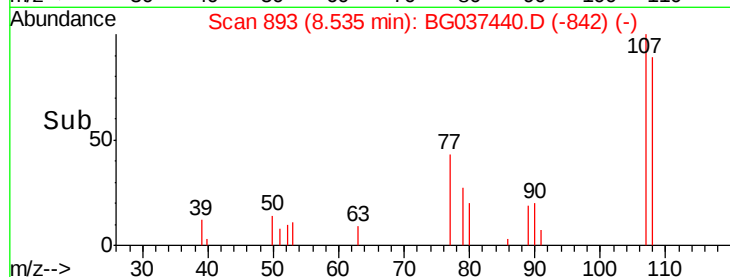
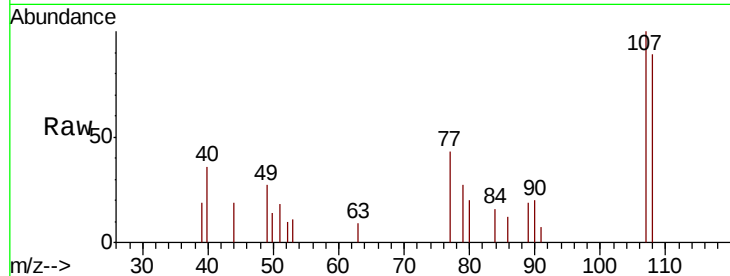
#17
2-Methylphenol
Concen: 1.048 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	89.4	87.9	131.9
77	43.3	35.1	52.7
79	27.0	34.5	51.7

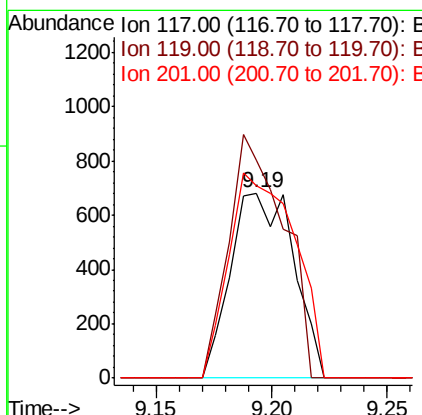
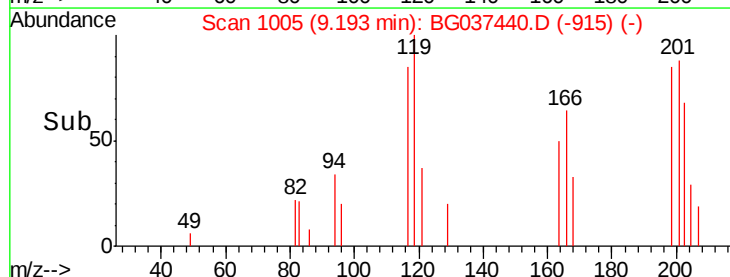
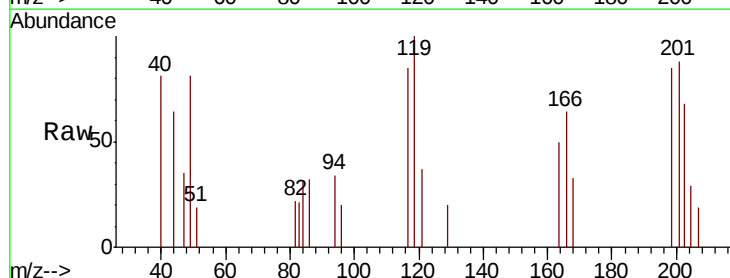
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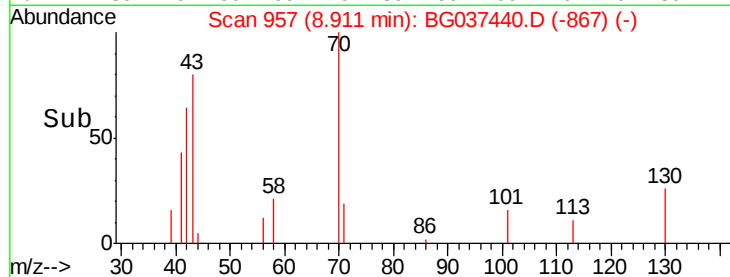
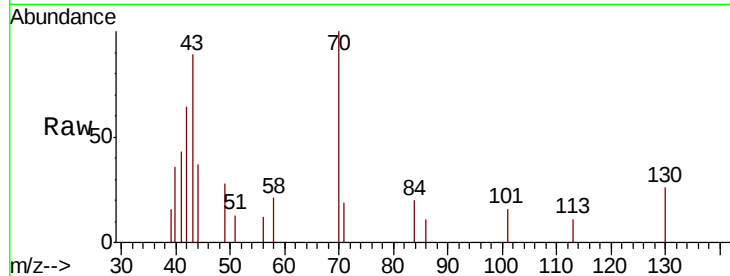
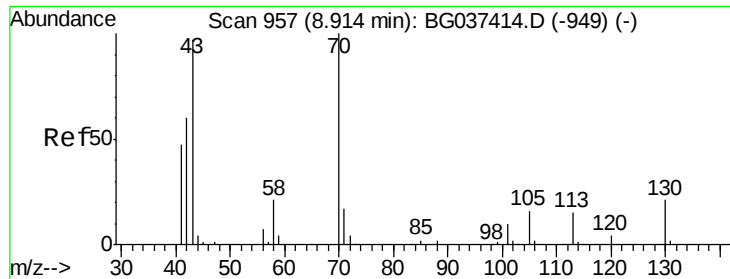
Sohil
10/19/2018 3:57:52 PM



#18
Hexachloroethane
Concen: 0.975 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	117.7	74.6	111.8
201	103.7	80.8	121.2





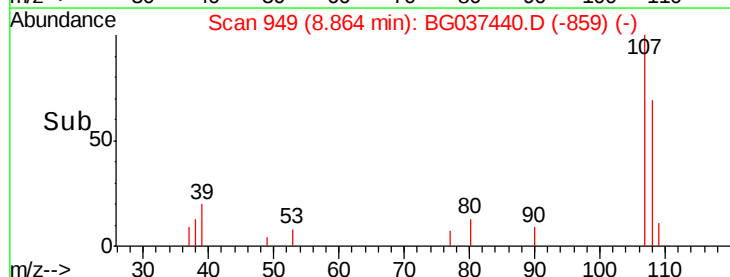
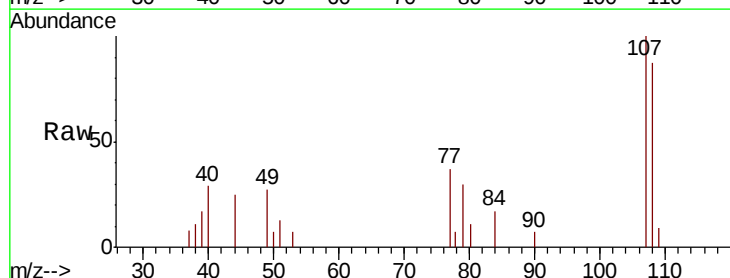
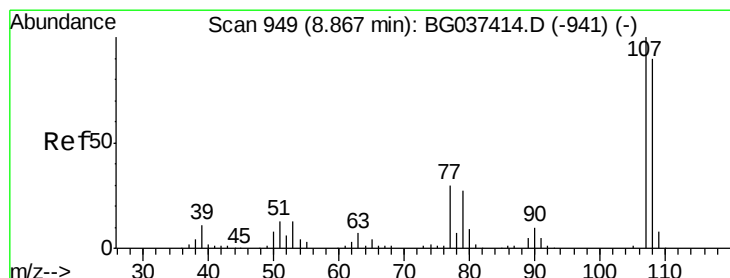
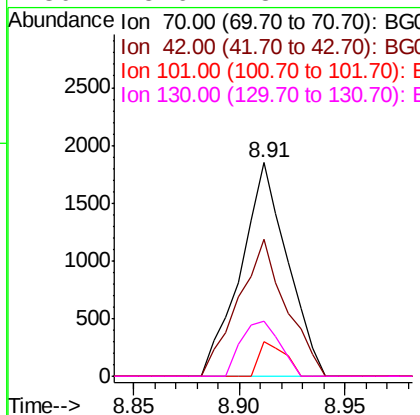
#19
n-Nitroso-di-n-propylamine
Concen: 0.931 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.9	80.9
101	16.4	8.2	12.2
130	25.6	18.2	27.4

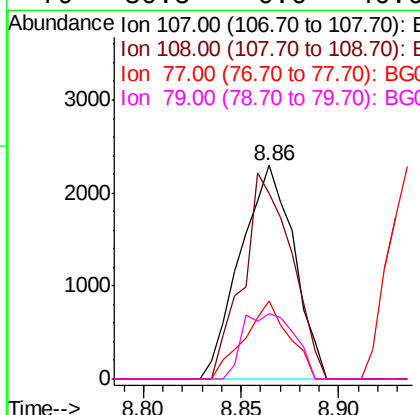
Manual Integrations
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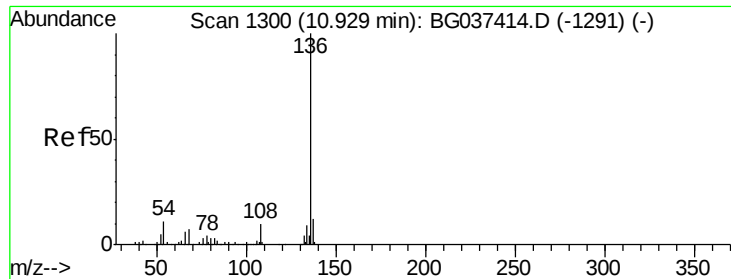
Sohil
10/19/2018 3:57:52 PM



#20
3+4-Methylphenols
Concen: 0.986 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	69.9	109.9
77	36.8	11.2	51.2
79	30.5	6.6	46.6





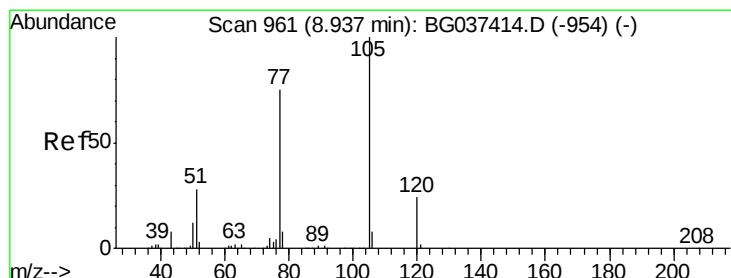
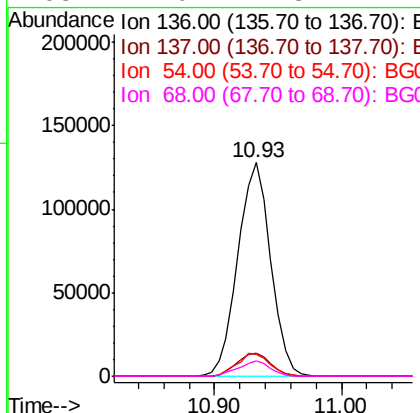
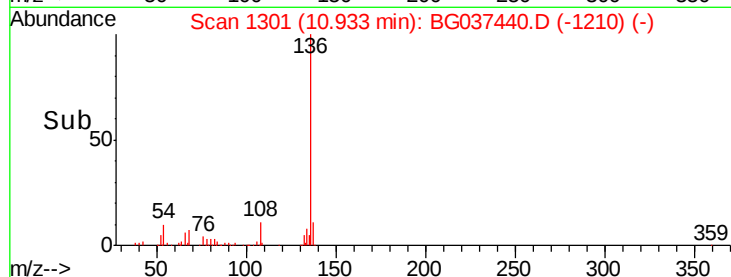
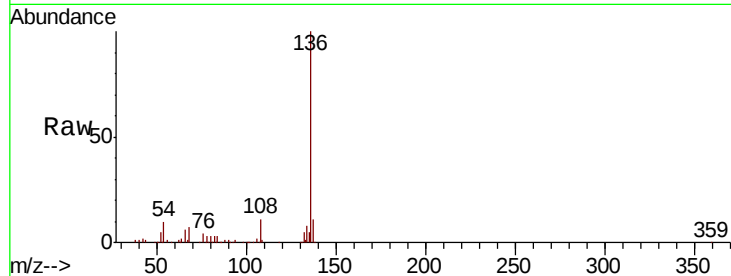
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	229320		
137	10.8		9.6	14.4
54	10.3		7.9	11.9
68	7.0		4.8	7.2

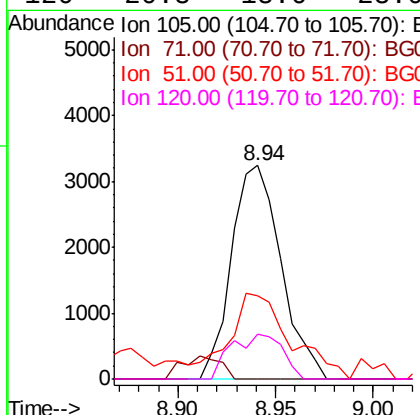
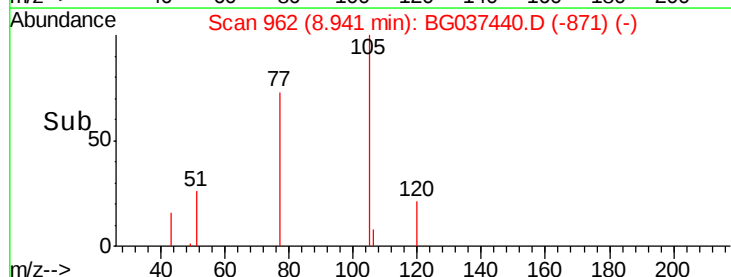
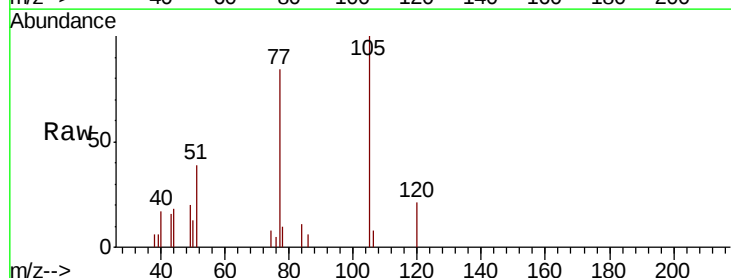
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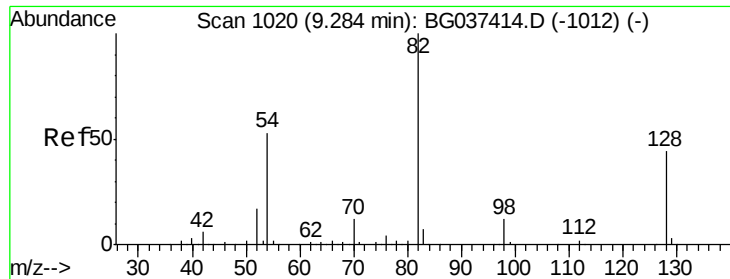
Sohil
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#22
Acetophenone
Concen: 0.992 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	5703		
71	0.0		1.2	1.8#
51	38.8		25.0	37.6#
120	20.8		18.6	28.0





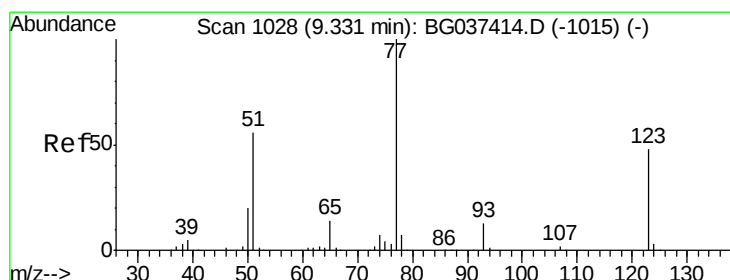
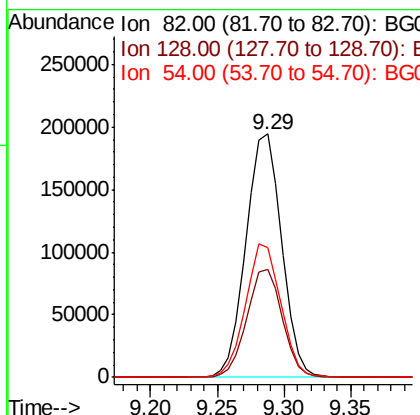
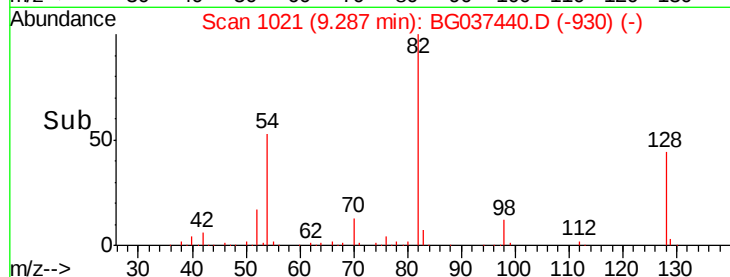
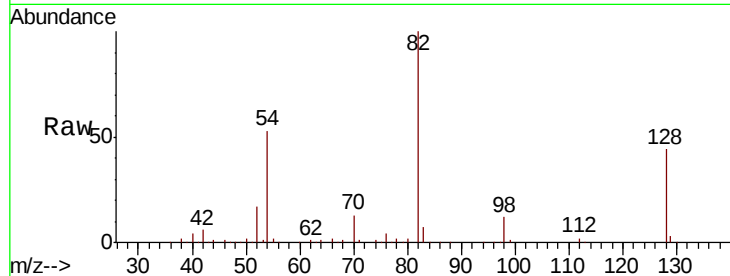
#23
Nitrobenzene-d5
Concen: 87.836 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	34.6	51.8	
54	53.3	45.3	67.9	

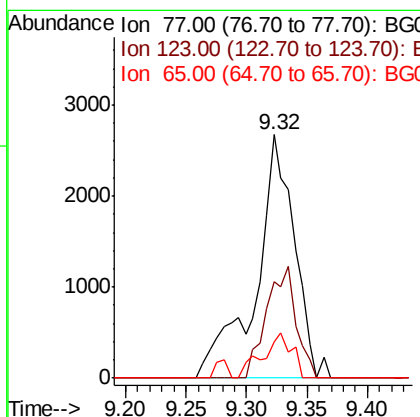
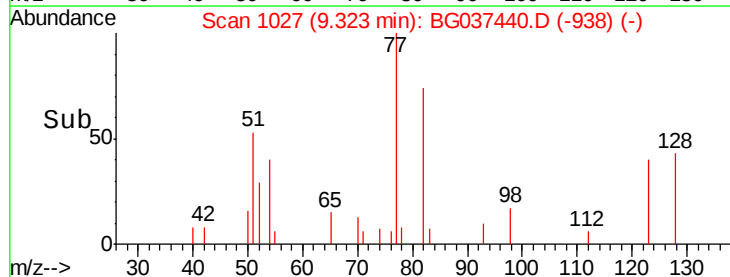
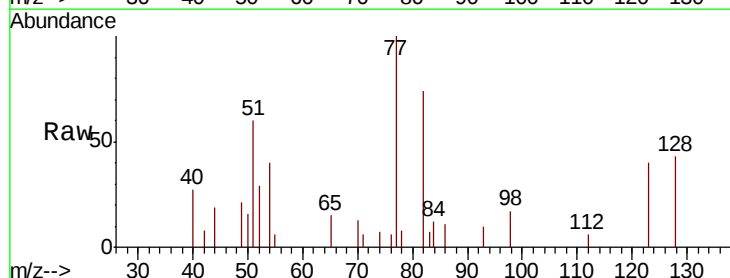
Manual Integrations
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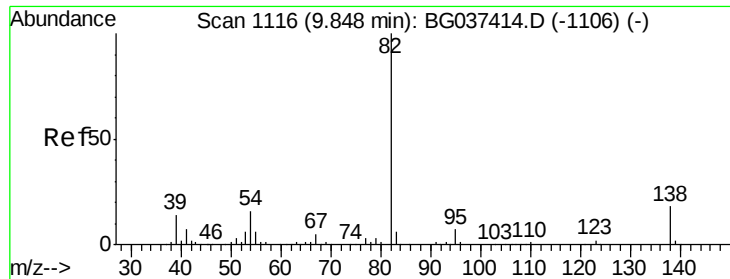
Sohil
10/19/2018 3:57:52 PM



#24
Nitrobenzene
Concen: 1.385 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.8	33.6	50.4	
65	15.0	11.3	16.9	





#25

Isophorone

Concen: 1.014 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

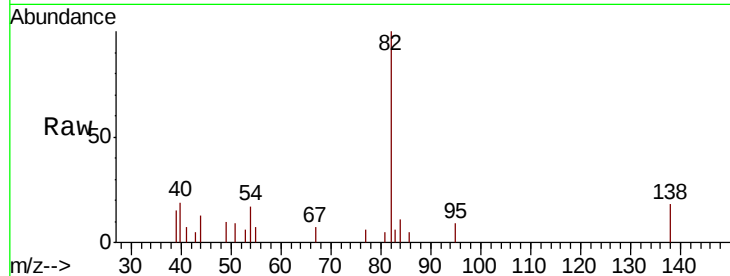
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.0	5.3	7.9#
138	18.2	13.3	19.9

Manual Integrations
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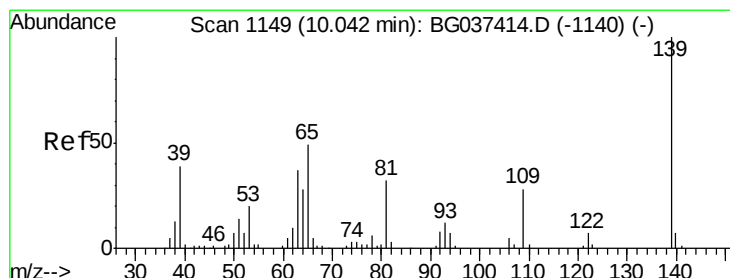
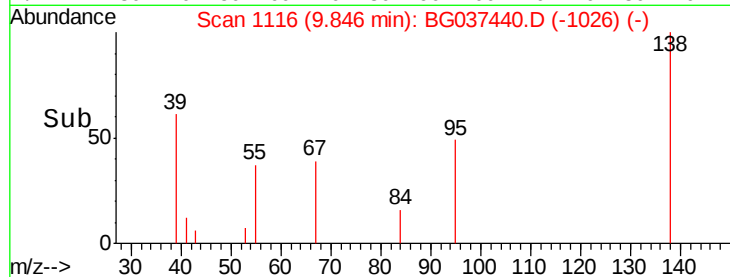
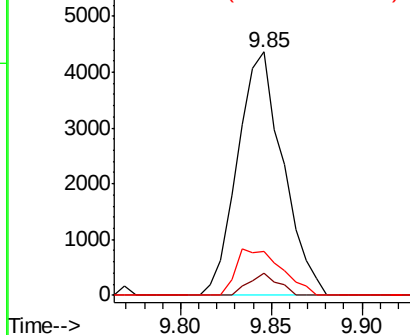


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 1.002 ng

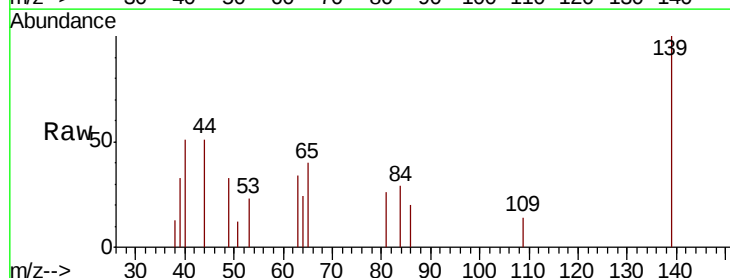
RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	14.3	23.3	34.9#
65	40.2	39.8	59.8

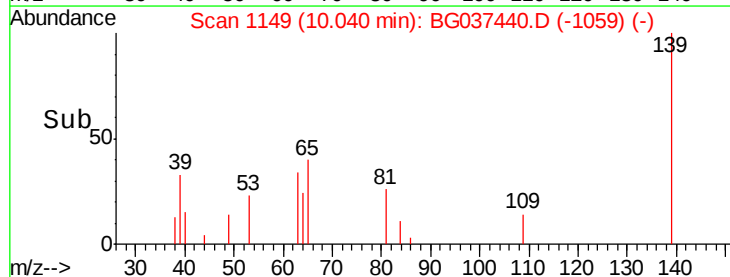
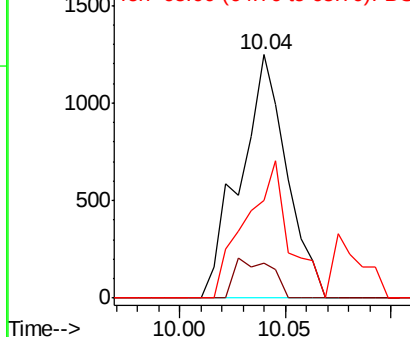


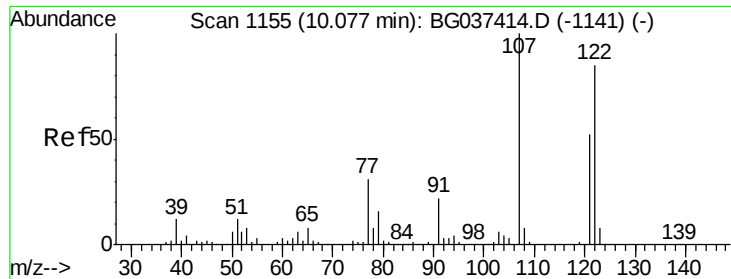
Abundance

Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





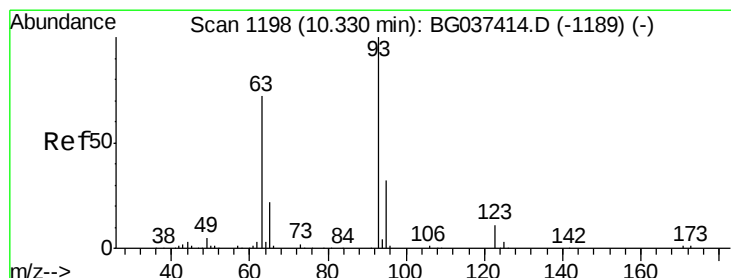
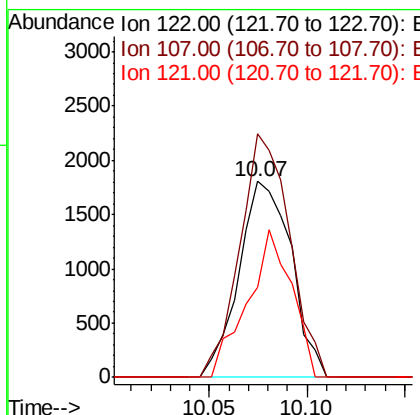
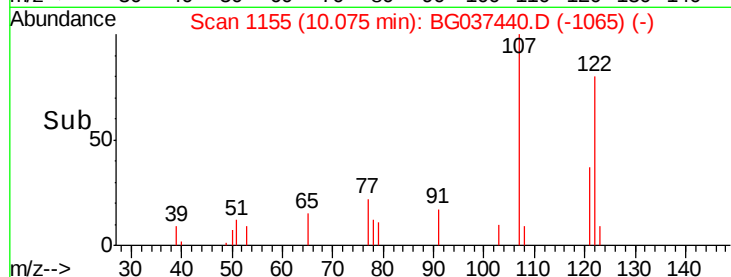
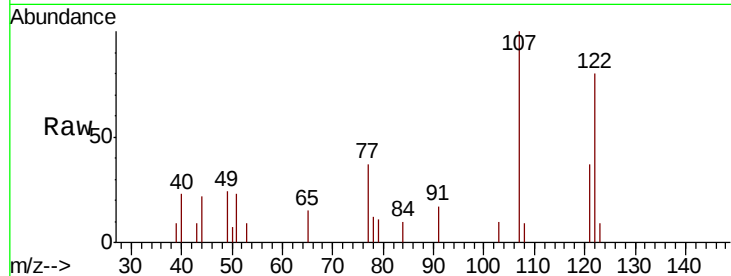
#27
 2,4-Dimethylphenol
 Concen: 0.978 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
3347	122	100			
	107	124.4	94.2	141.2	
	121	45.9	47.3	70.9	

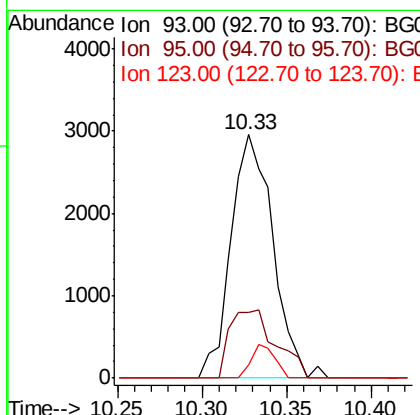
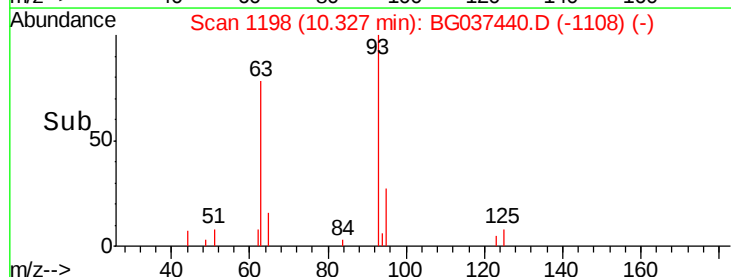
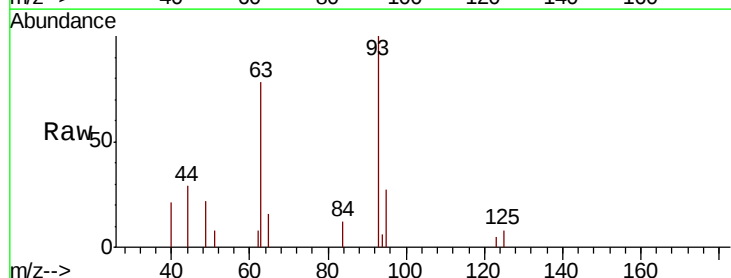
Manual Integrations
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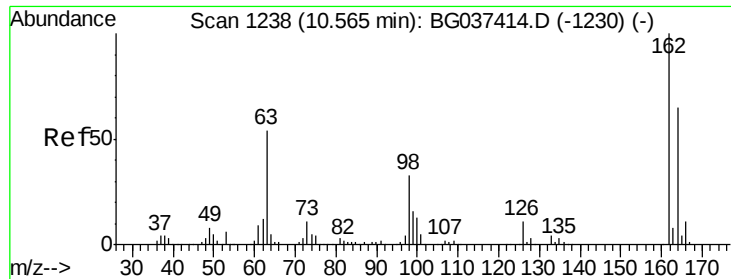
Sohil
 10/19/2018 3:57:52 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.041 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
5102	93	100			
	95	26.9	24.6	37.0	
	123	5.4	9.1	13.7	





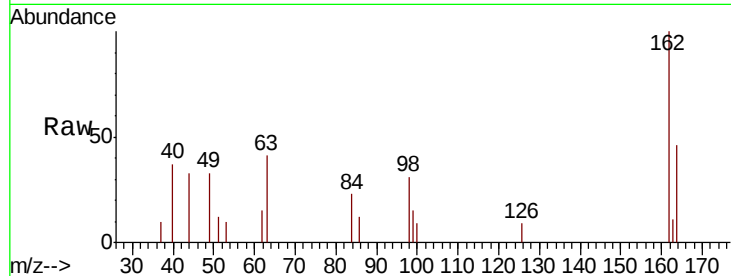
#29
2,4-Dichlorophenol
Concen: 0.943 ng
RT: 10.56 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

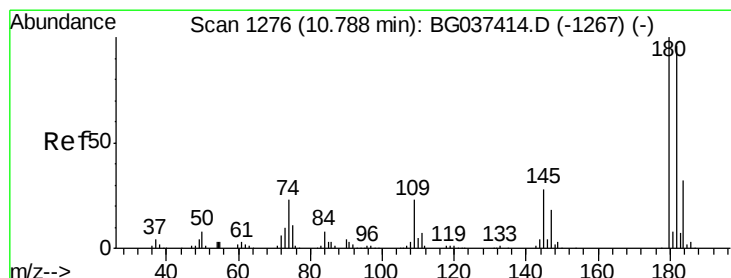
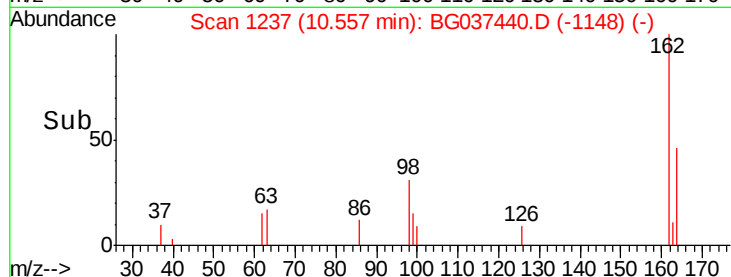
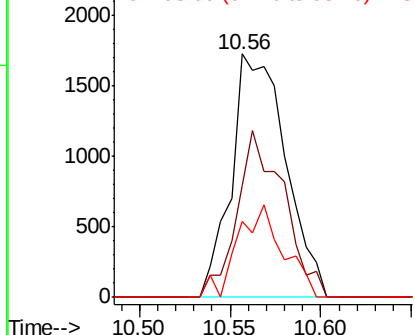
Tot Ion	Ratio	Lower	Upper
162	100		
164	45.9	43.2	83.2
98	31.2	16.0	56.0

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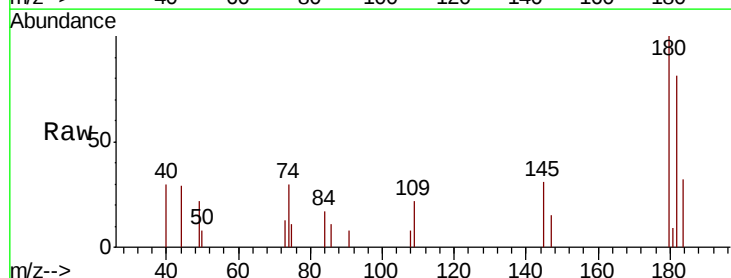


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

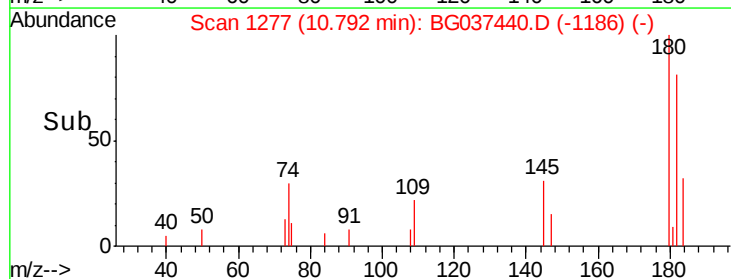
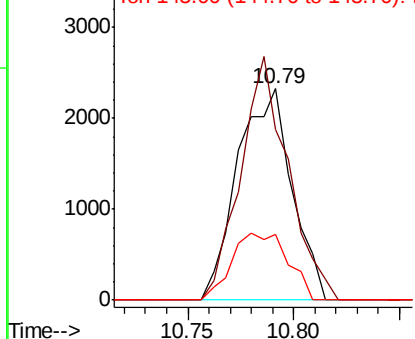


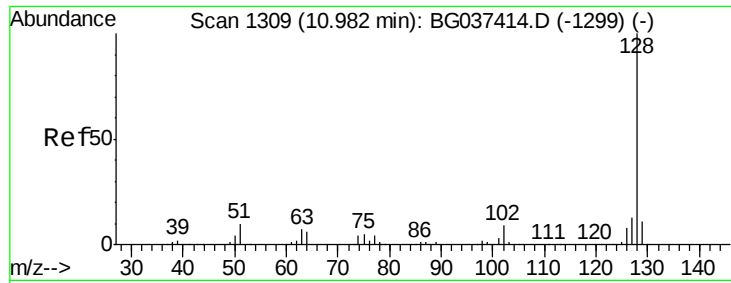
#30
1,2,4-Trichlorobenzene
Concen: 1.000 ng
RT: 10.79 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	80.6	77.7	116.5
145	31.1	23.3	34.9



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





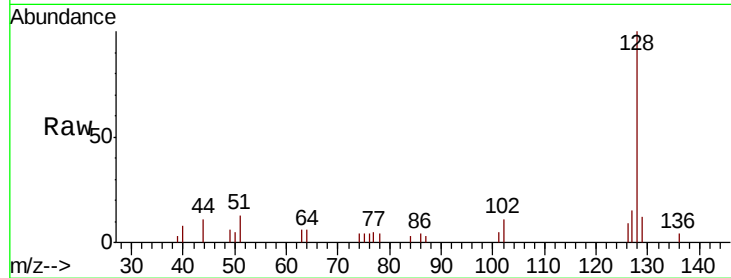
#31
Naphthalene
Concen: 1.135 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	15.0	11.1	16.7

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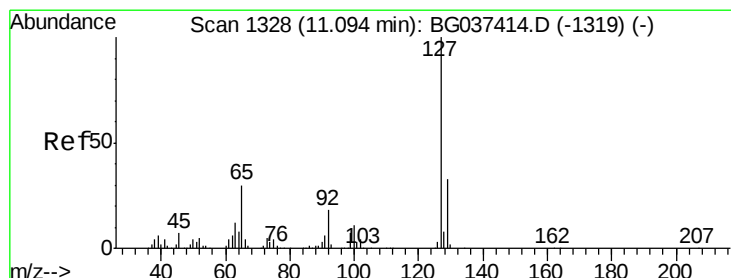
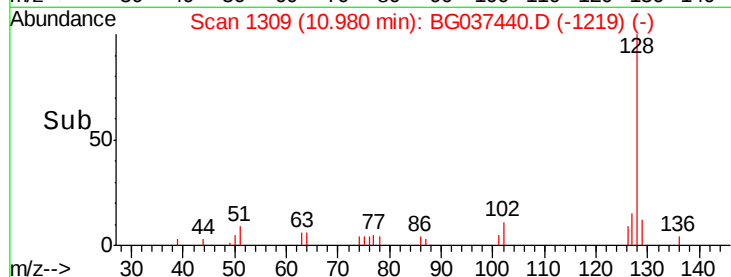
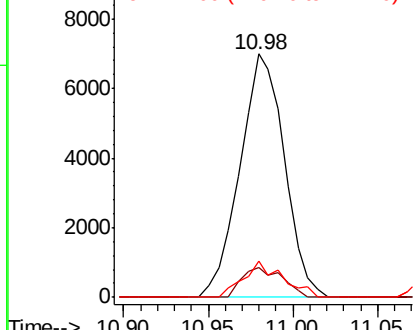


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 0.727 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.7	27.1	40.7
65	28.1	26.6	39.8
92	20.5	16.4	24.6

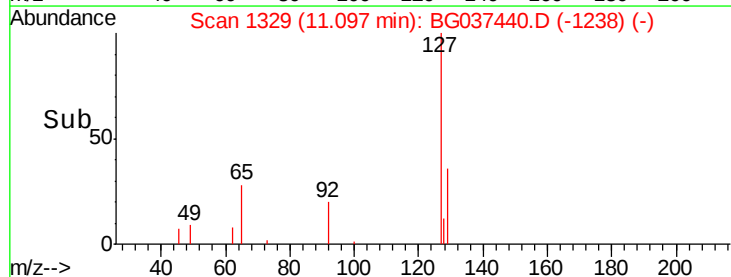
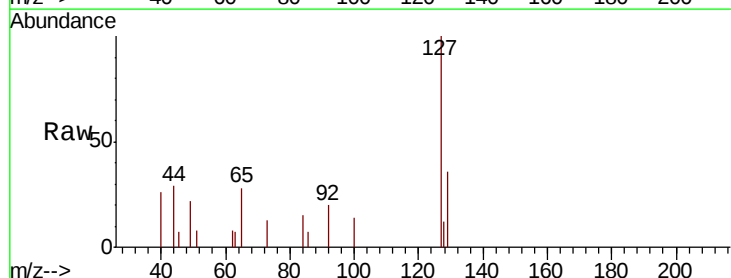
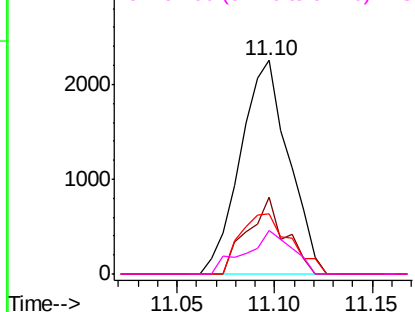
Abundance

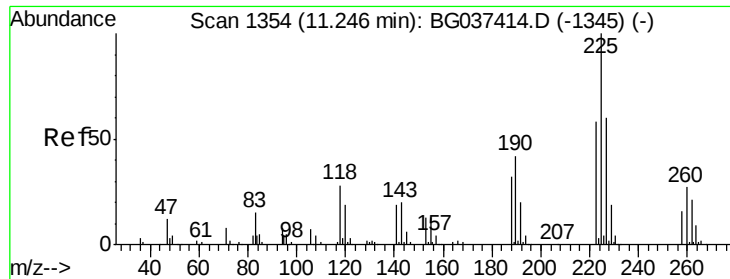
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





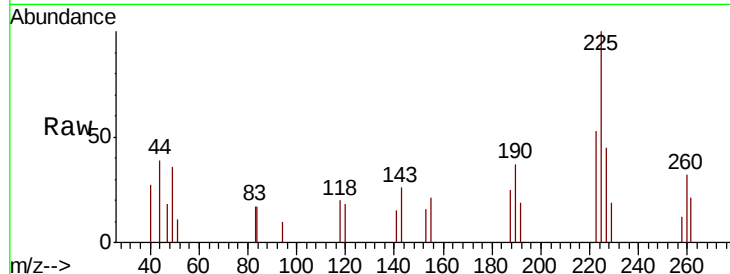
#34
Hexachlorobutadiene
Concen: 1.019 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
225	100		
223	52.5	48.2	72.4
227	45.4	51.6	77.4

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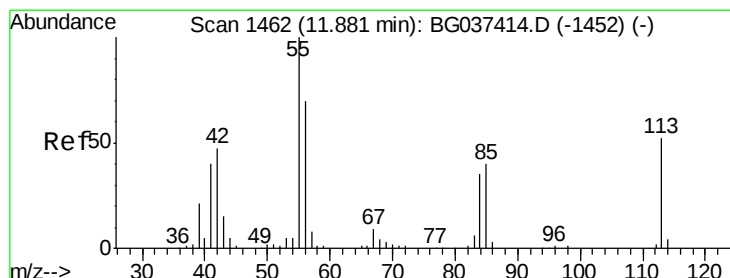
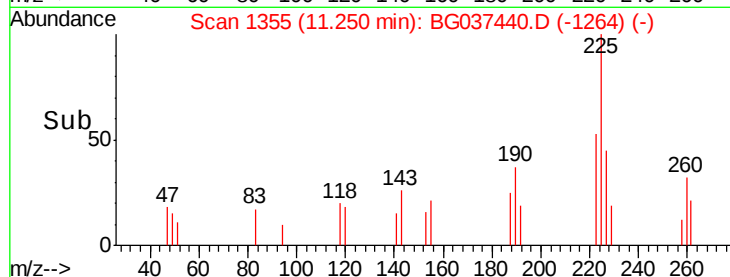
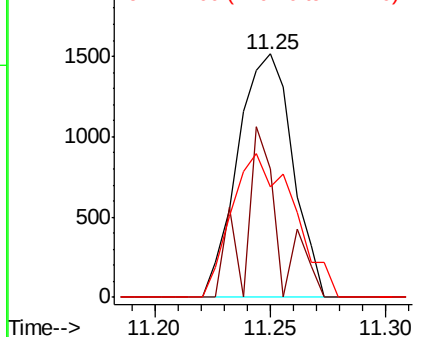


Abundance

Ion 225.00 (224.70 to 225.70): E

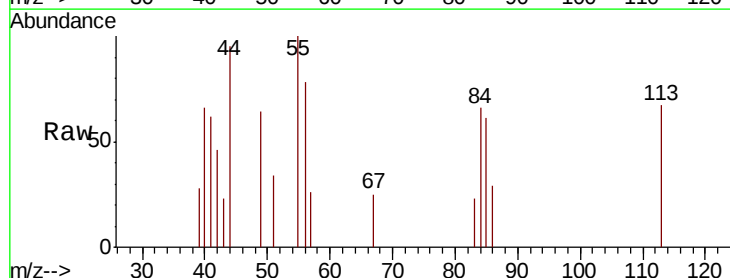
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 0.823 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.8	176.6	216.6
56	116.7	128.3	168.3

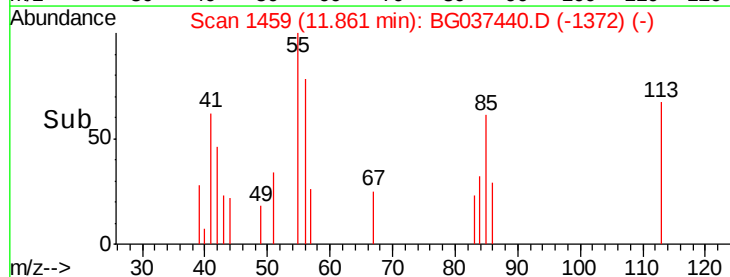
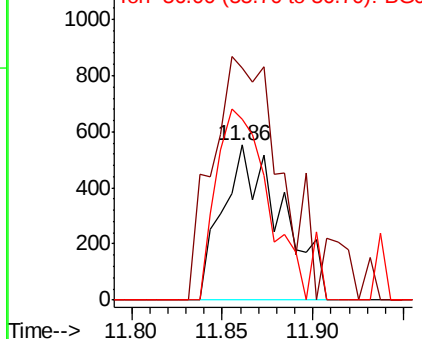


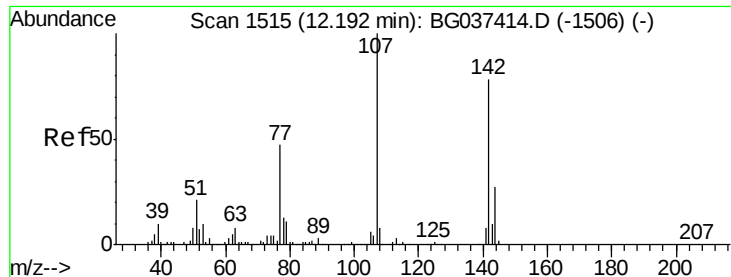
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





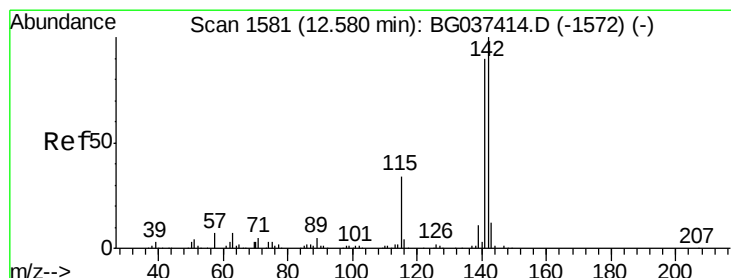
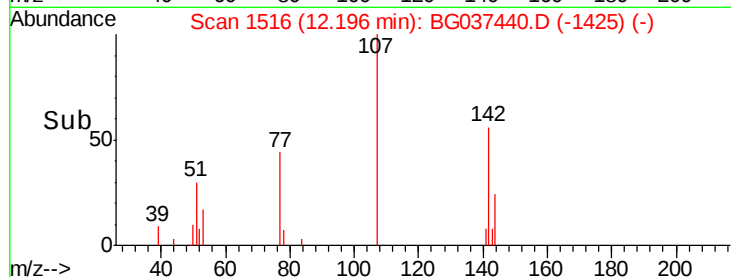
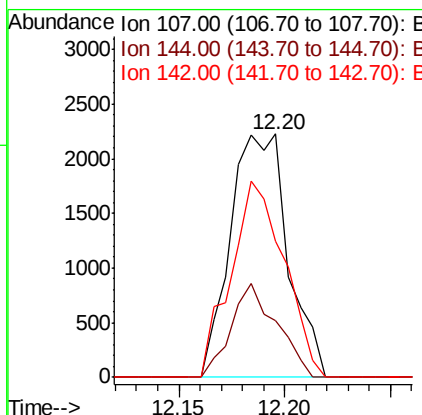
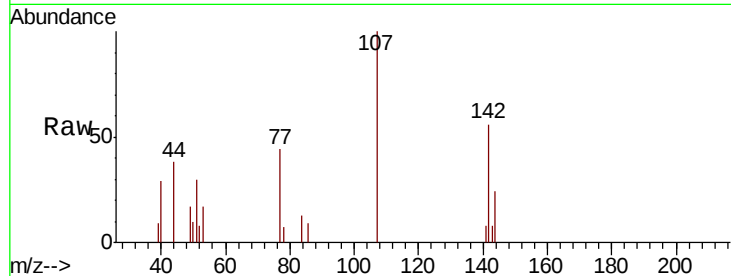
#36
 4-Chloro-3-methylphenol
 Concen: 0.979 ng
 RT: 12.20 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.7	31.1
142	56.0	64.4	96.6

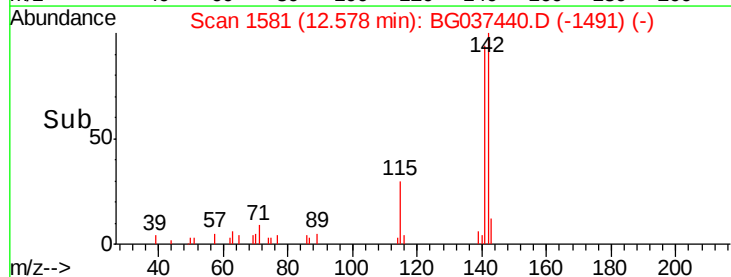
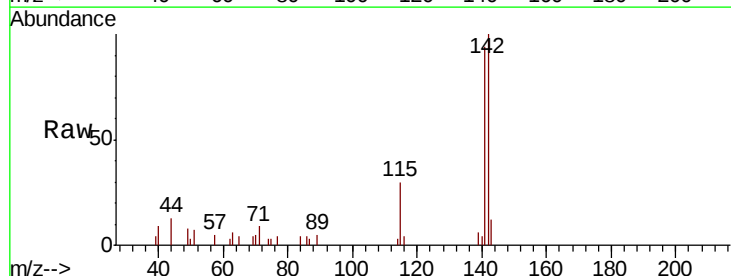
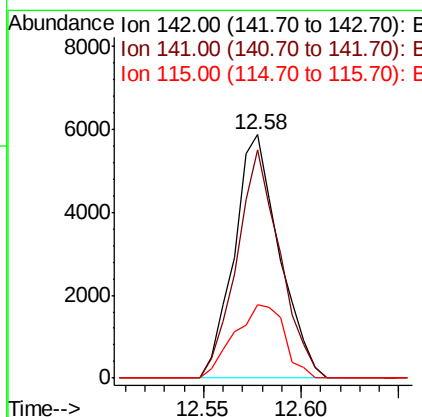
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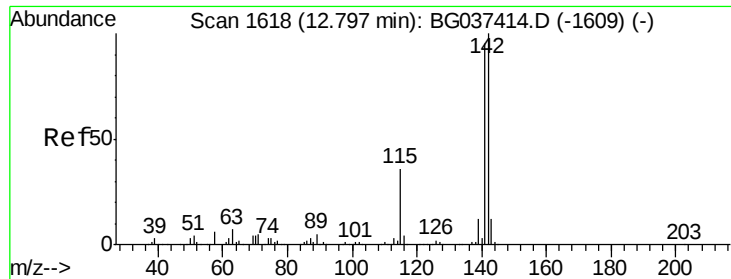
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#37
 2-Methylnaphthalene
 Concen: 1.144 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	71.9	107.9
115	30.2	27.8	41.8





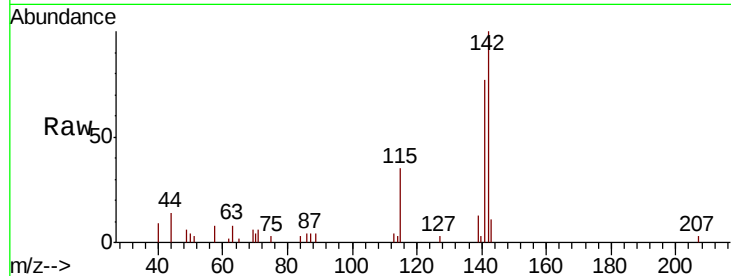
#38
1-Methylnaphthalene
Concen: 1.263 ng m
RT: 12.80 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	76.9	75.2	112.8
116	0.0	3.3	4.9#

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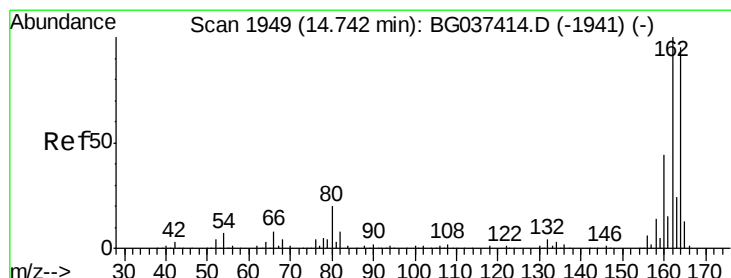
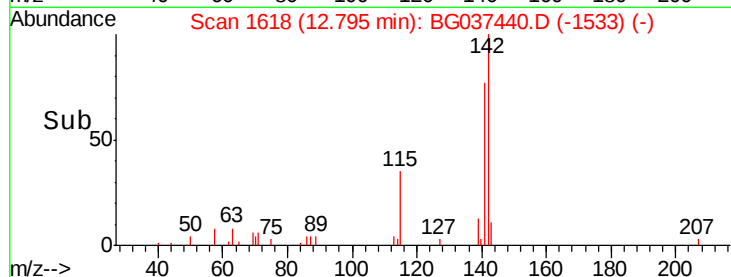
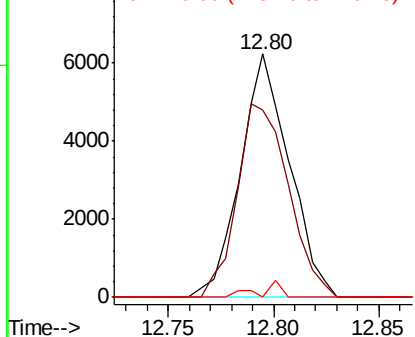


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

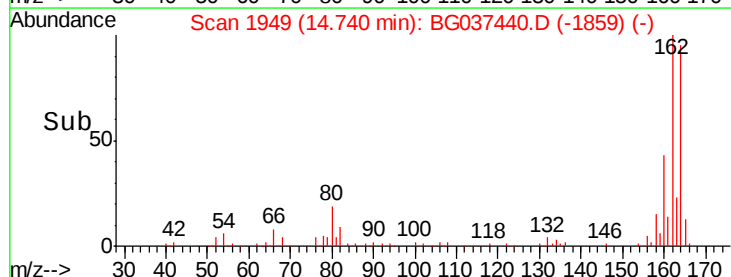
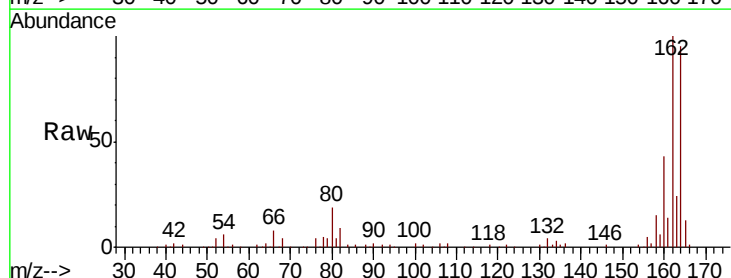
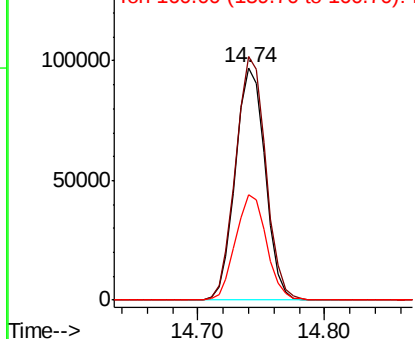
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.3	121.9
160	45.2	36.3	54.5

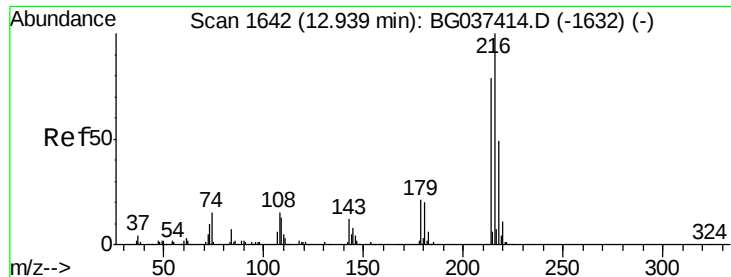
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





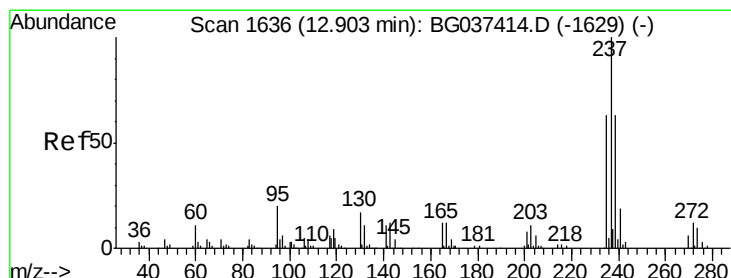
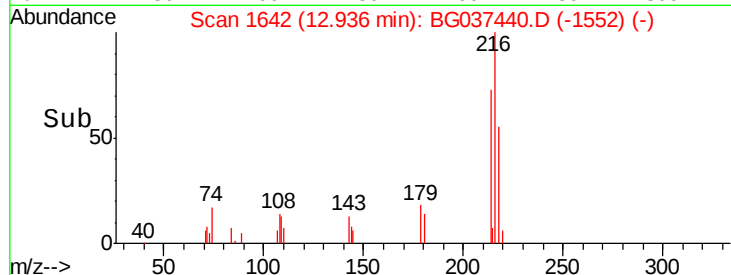
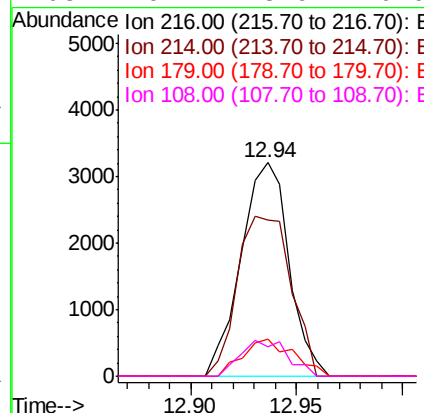
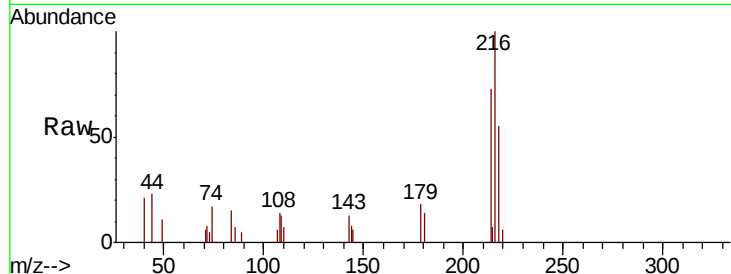
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.993 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion:	216	Resp:	5053
Ion Ratio	Lower	Upper	
216	100		
214	83.7	63.8	95.6
179	18.4	17.4	26.0
108	16.7	13.9	20.9

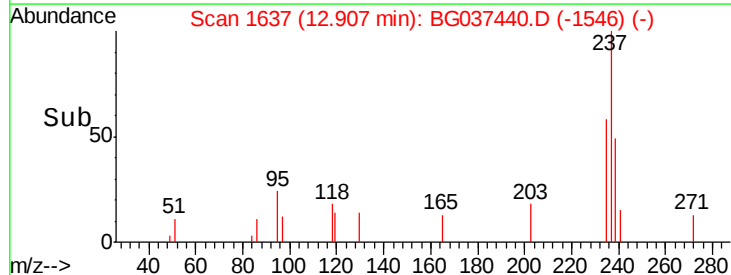
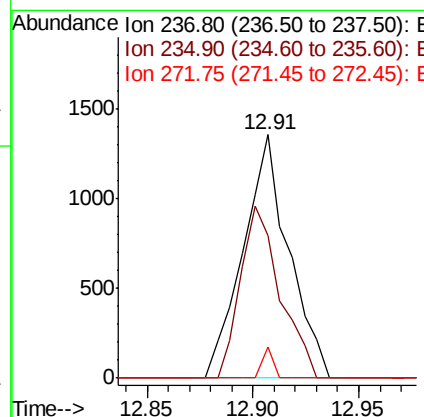
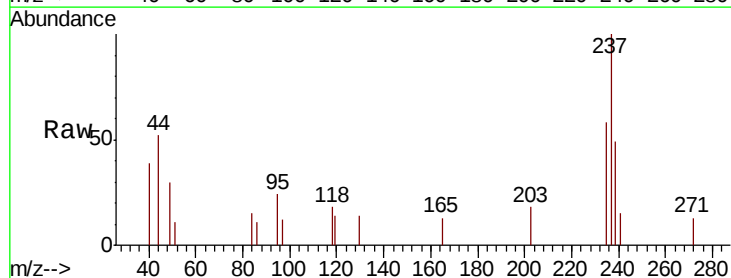
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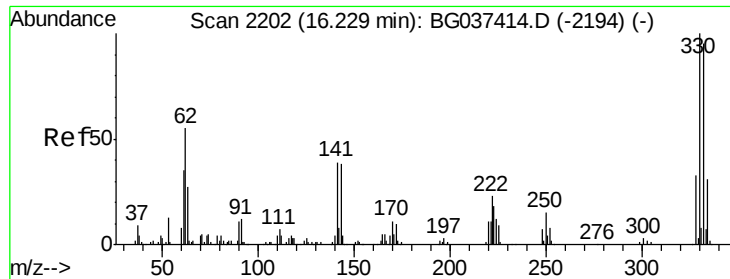
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#41
 Hexachlorocyclopentadiene
 Concen: 0.833 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion:	237	Resp:	2024
Ion Ratio	Lower	Upper	
237	100		
235	58.5	42.5	82.5
272	12.8	0.0	31.6





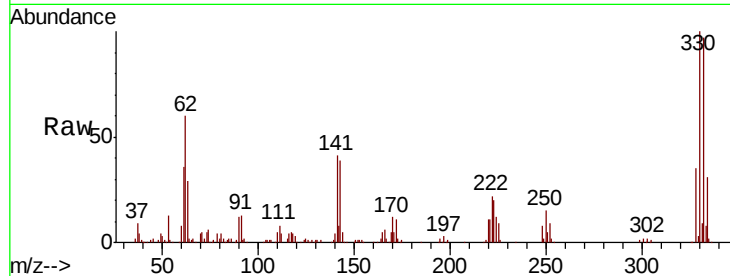
#42
 2,4,6-Tribromophenol
 Concen: 146.097 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	251384		
332	96.5		78.4	117.6
141	39.2		32.2	48.2

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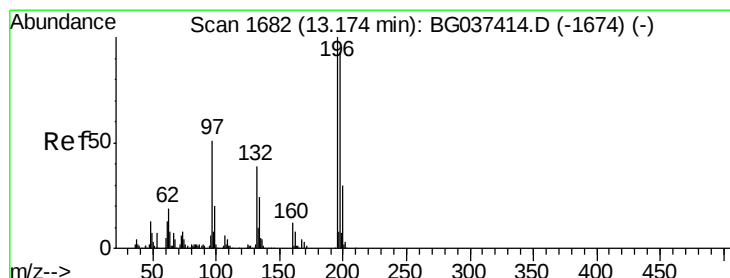
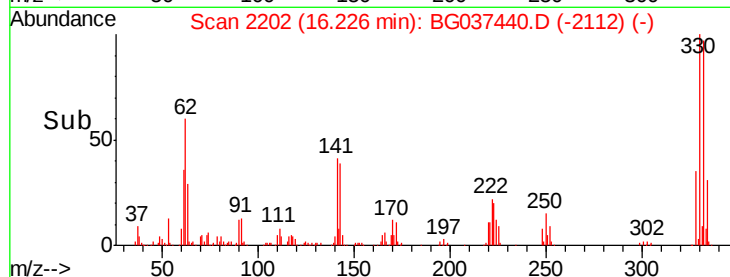
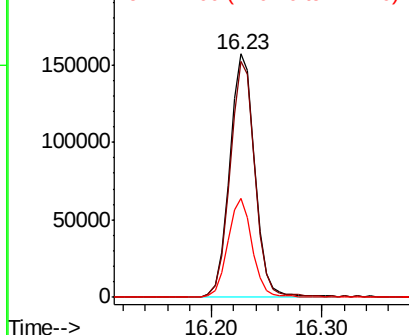


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 0.892 ng m
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

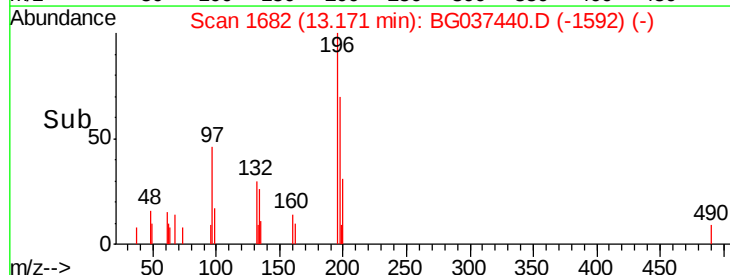
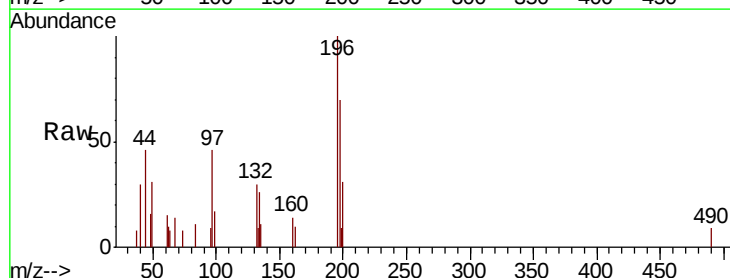
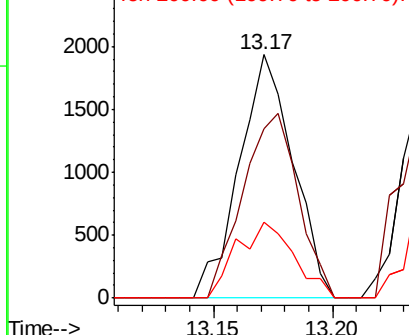
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	3031		
198	69.7		76.4	114.6#
200	31.2		24.9	37.3

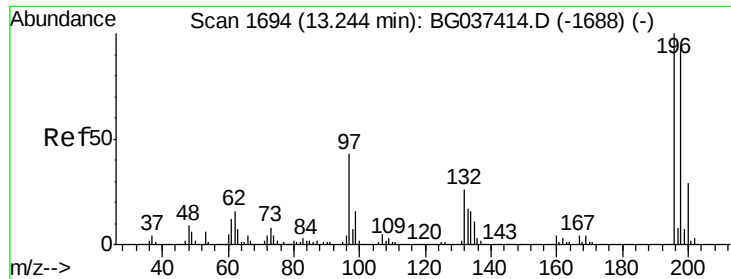
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





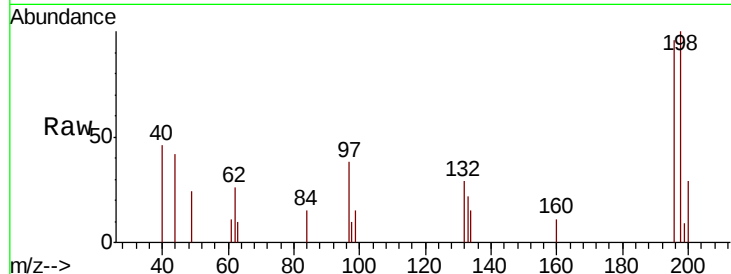
#44
 2,4,5-Trichlorophenol
 Concen: 0.738 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	104.0	74.2	111.2
97	50.2	34.1	51.1
132	30.5	20.2	30.4

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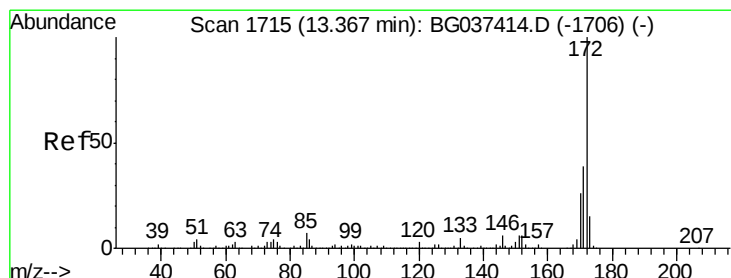
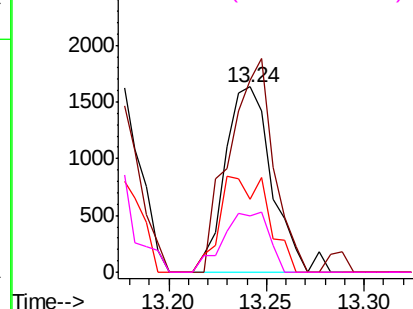
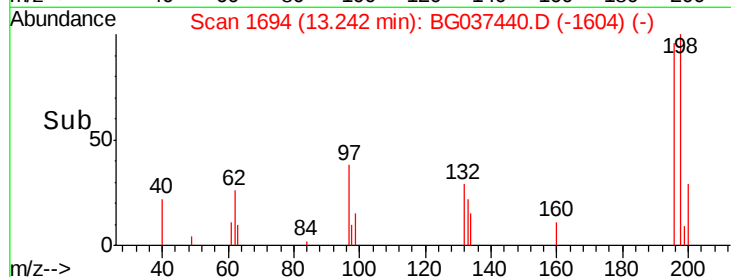
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

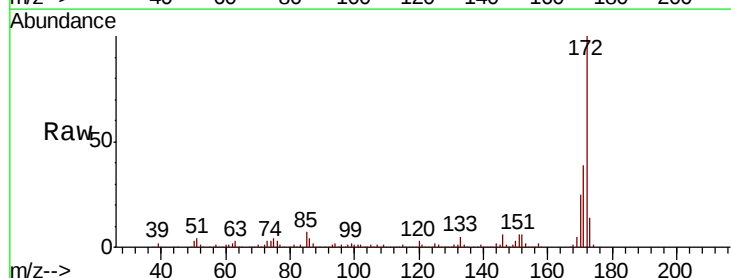
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.192 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	25.2	20.2	30.2

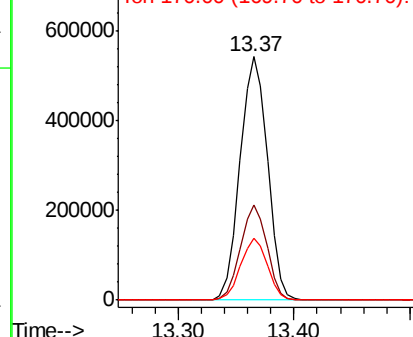
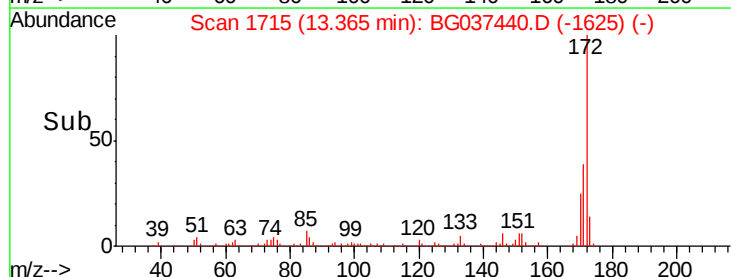


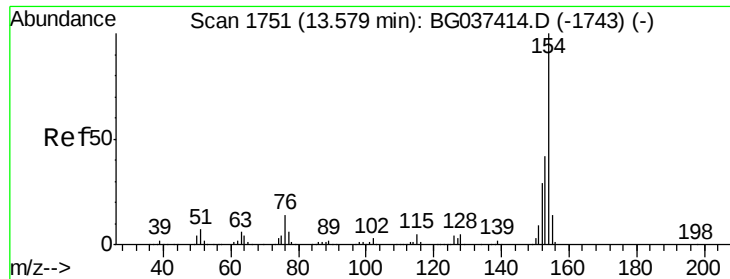
Abundance

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





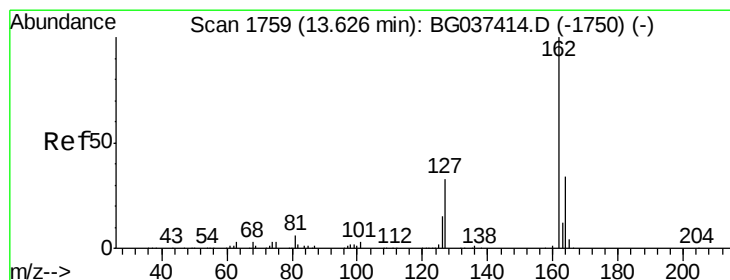
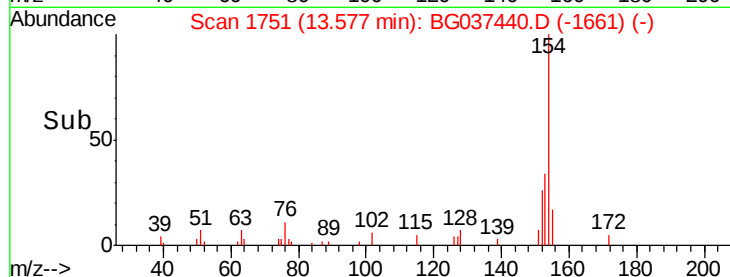
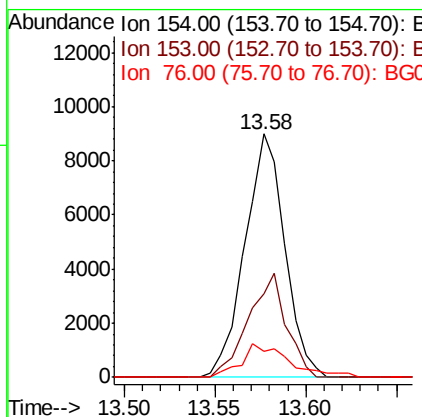
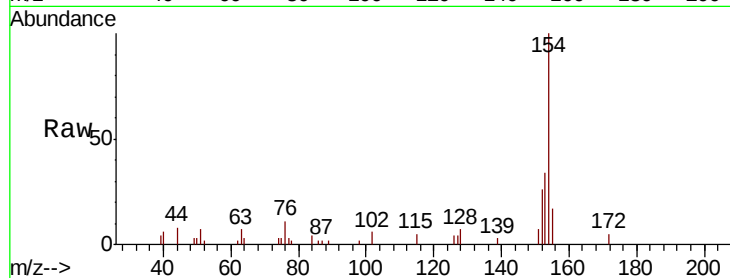
#46
 1,1'-Biphenyl
 Concen: 1.050 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	34.5	22.1	62.1
76	10.6	0.0	33.2

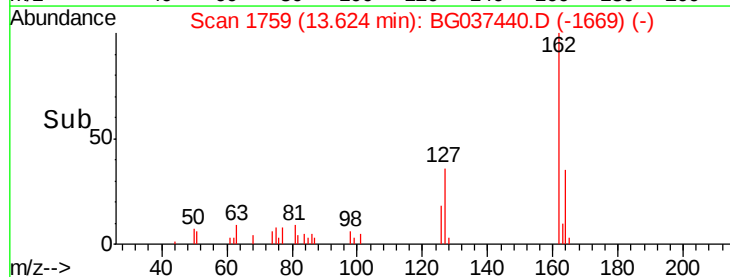
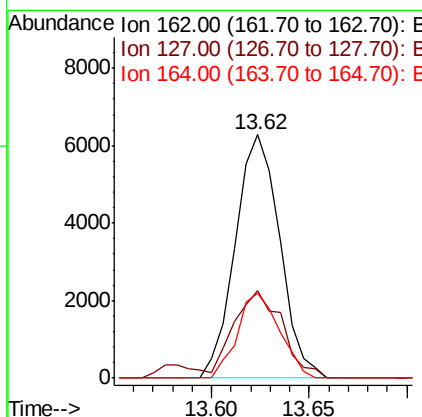
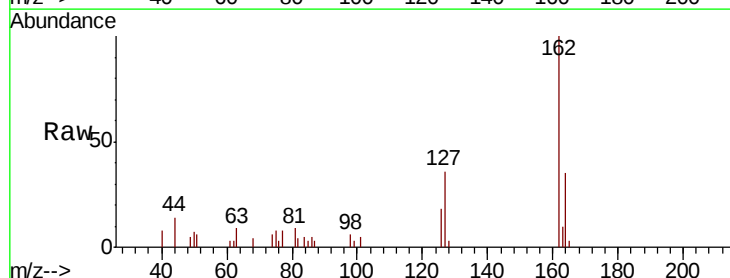
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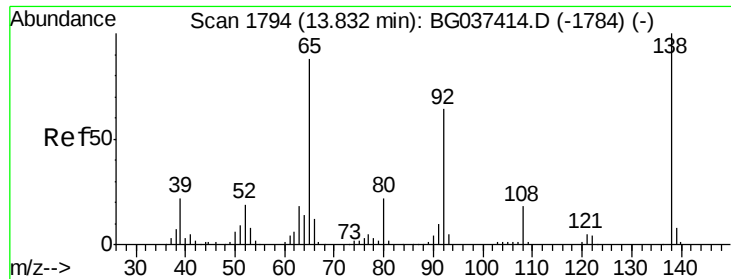
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#47
 2-Chloronaphthalene
 Concen: 1.000 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.5	45.7
164	34.6	26.4	39.6





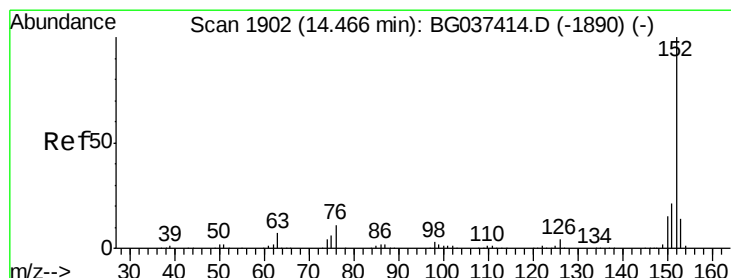
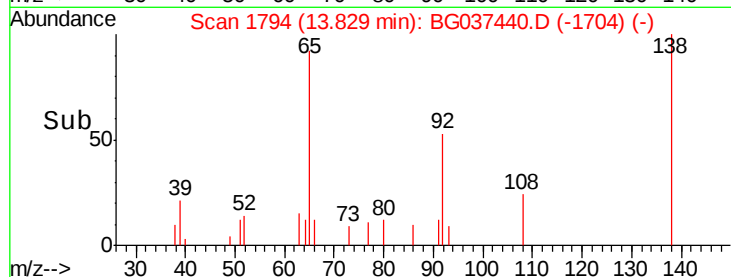
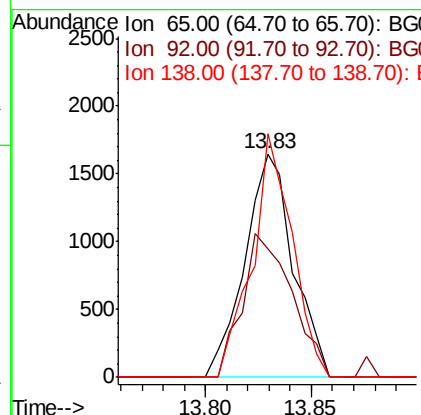
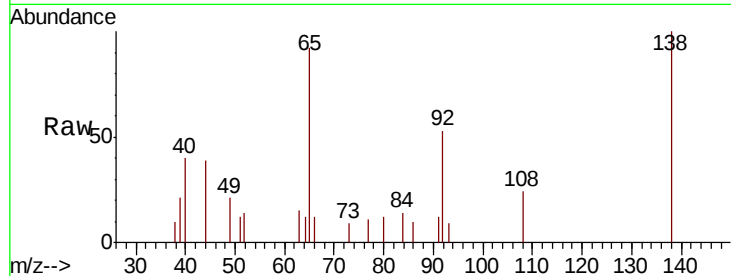
#48
 2-Nitroaniline
 Concen: 0.877 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion:	65	Resp:	2628
Ion	Ratio	Lower	Upper
65	100		
92	57.5	53.2	79.8
138	108.8	79.3	118.9

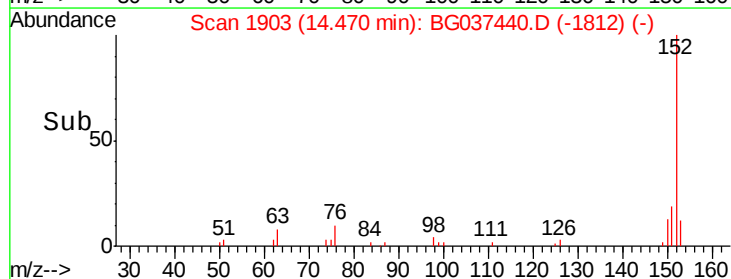
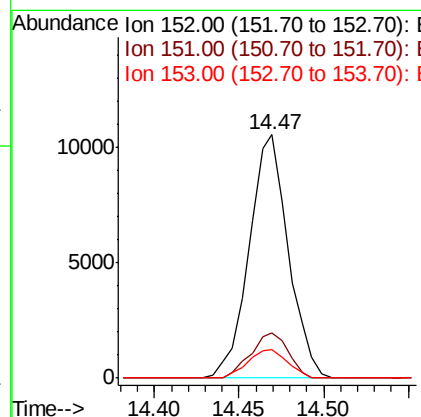
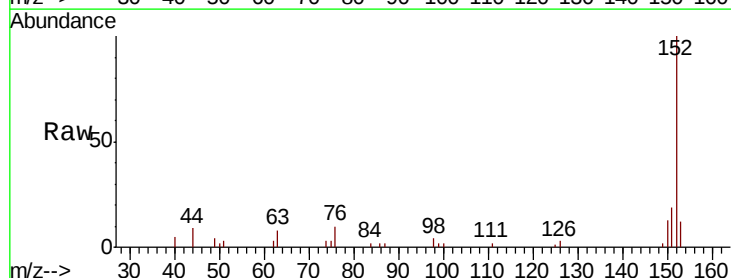
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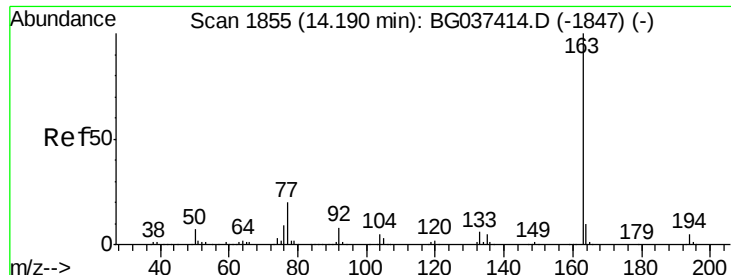
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#49
 Acenaphthylene
 Concen: 1.145 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion:	152	Resp:	17026
Ion	Ratio	Lower	Upper
152	100		
151	18.5	17.1	25.7
153	11.7	11.1	16.7





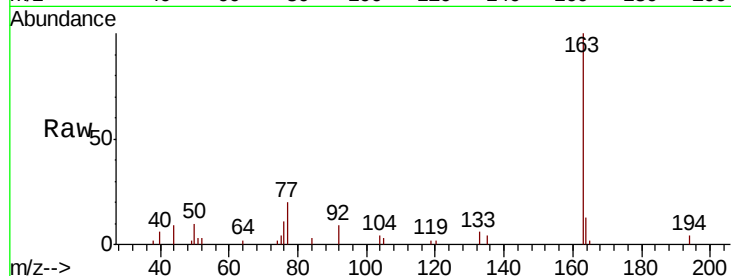
#50
Dimethylphthalate
Concen: 1.084 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	12.6	8.5	12.7

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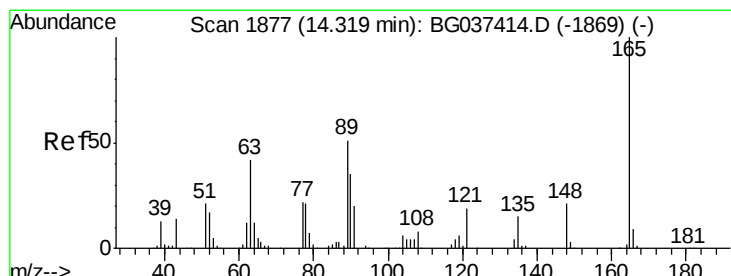
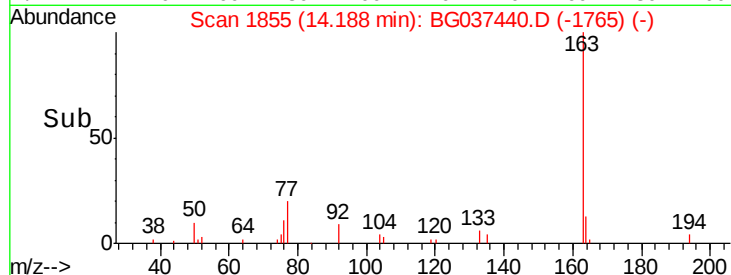
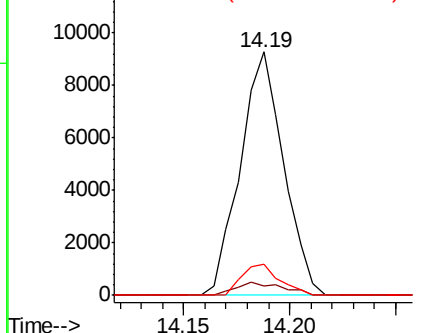


Abundance

Ion 163.00 (162.70 to 163.70): E

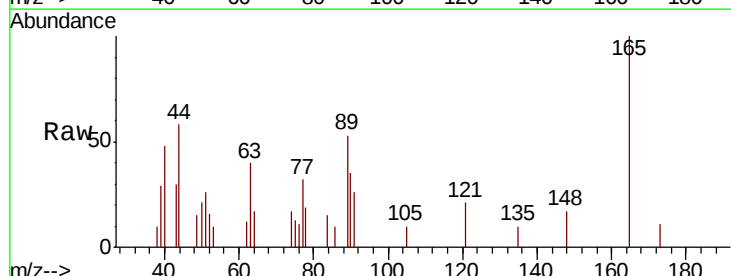
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 0.907 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.3	43.4	65.2#
89	52.8	45.8	68.6

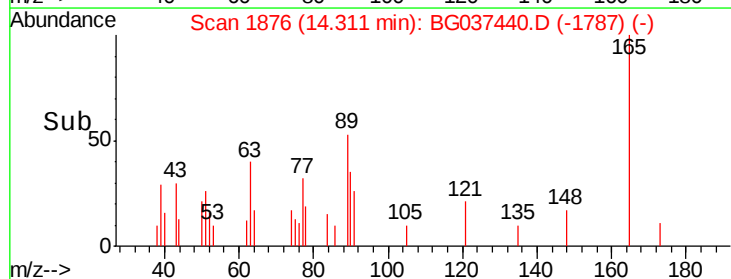
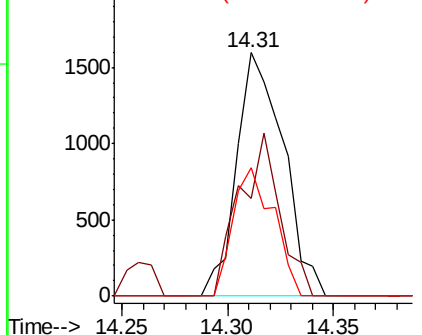


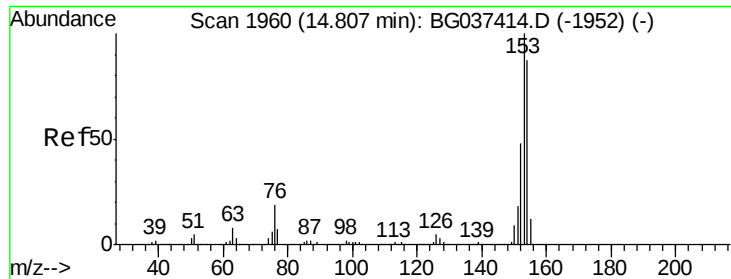
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 1.084 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

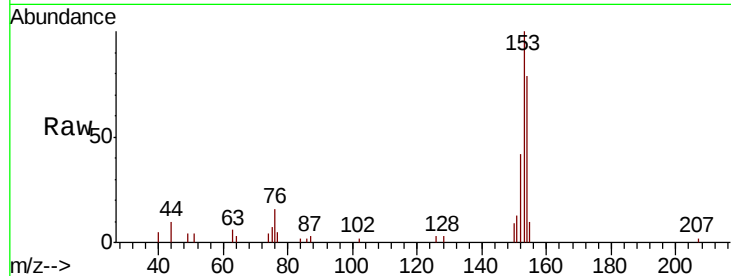
ClientSampleId :

MDL-WATER-03-QT4-2018

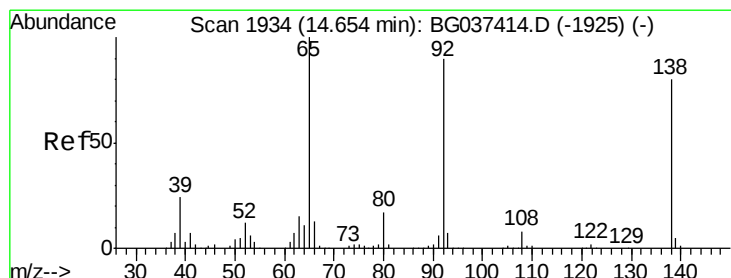
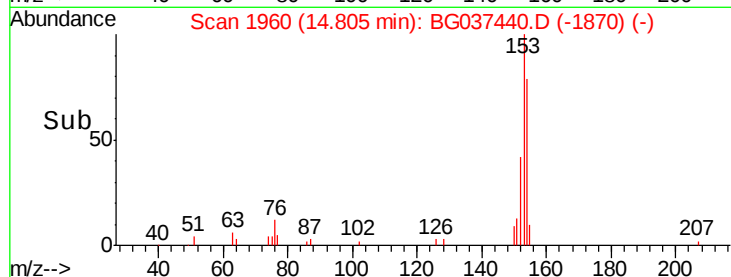
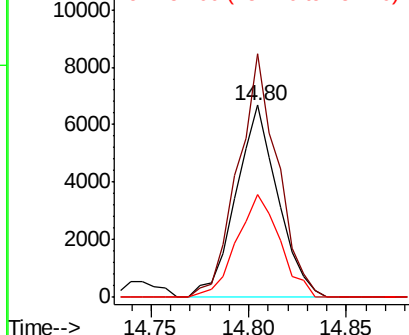
Tot Ion:	154	Resp:	9927
Ion	Ratio	Lower	Upper
154	100		
153	126.7	93.4	140.0
152	53.6	44.7	67.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.732 ng

RT: 14.65 min Scan# 1934

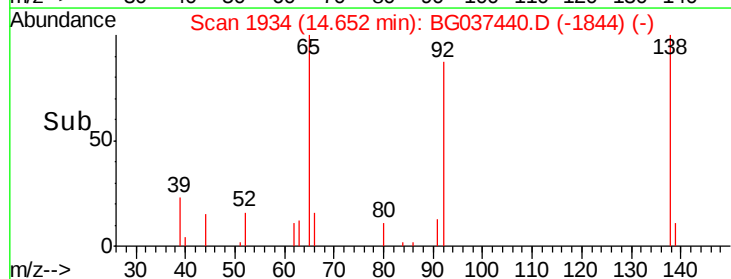
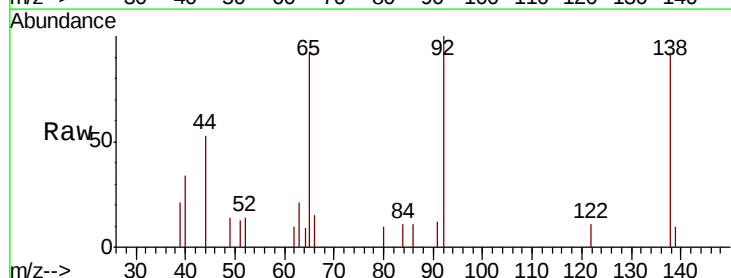
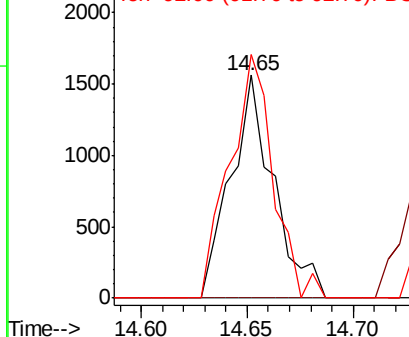
Delta R.T. -0.00 min

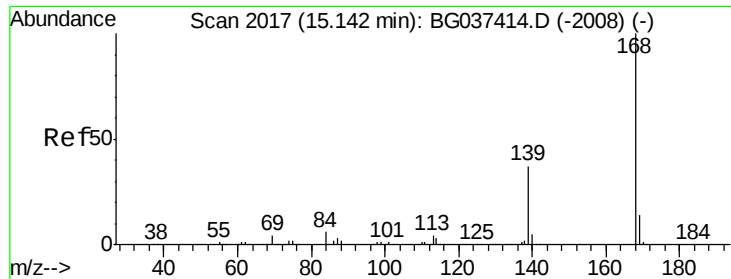
Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Tgt Ion:	138	Resp:	2195
Ion	Ratio	Lower	Upper
138	100		
108	0.0	11.0	16.6#
92	109.2	95.2	142.8

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





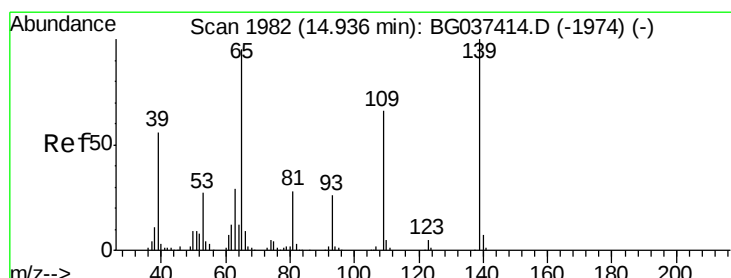
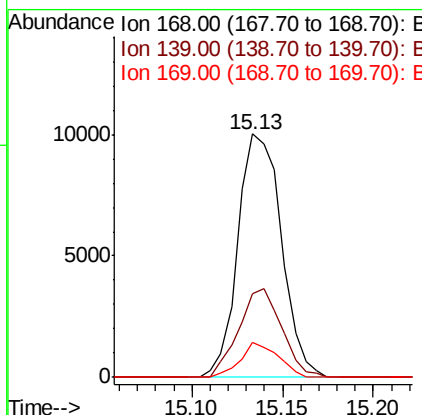
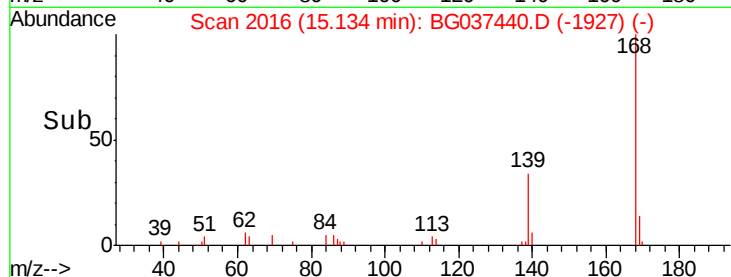
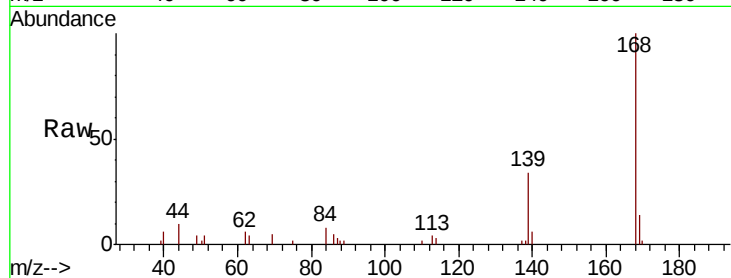
#55
Dibenzenofuran
Concen: 1.101 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.2	29.4	44.0
169	14.4	11.0	16.6

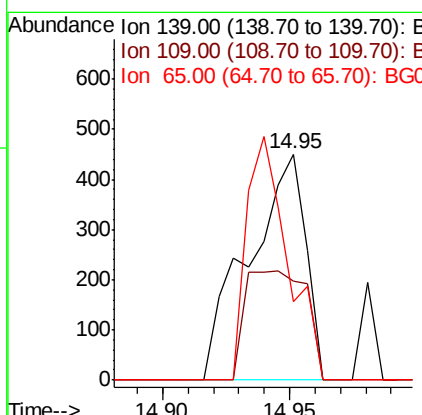
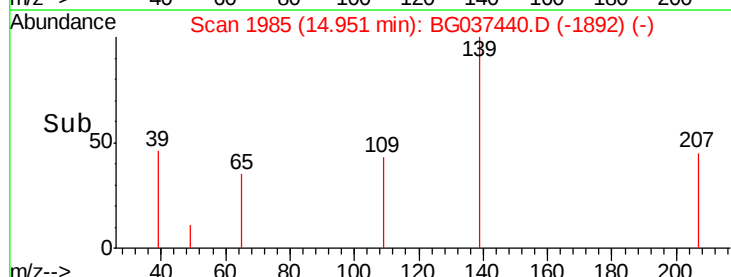
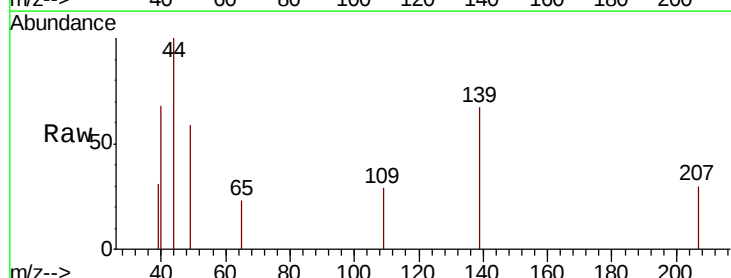
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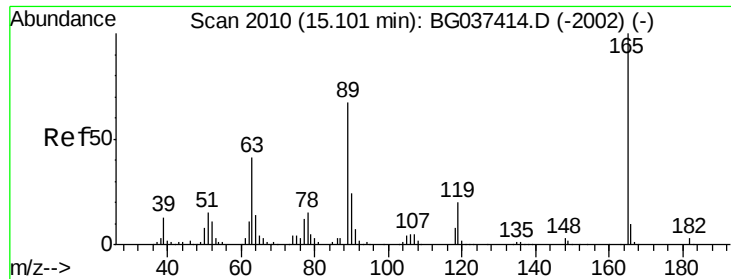
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#56
4-Nitrophenol
Concen: 0.319 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	43.5	49.5	89.5#
65	34.8	76.8	116.8#





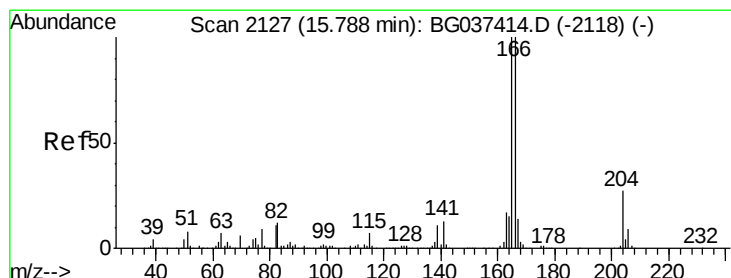
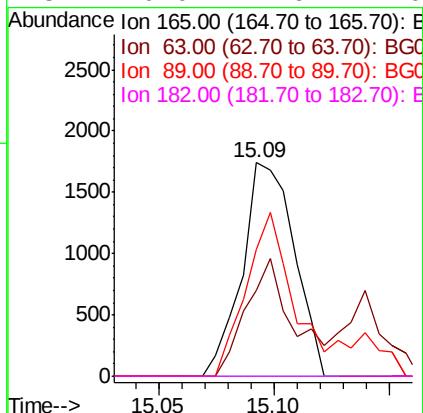
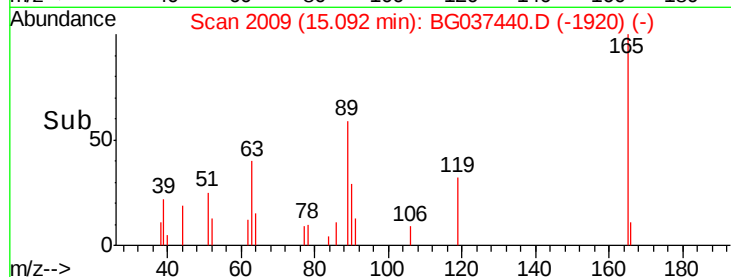
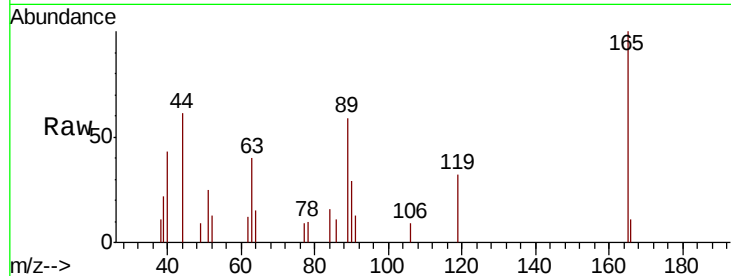
#57
2,4-Dinitrotoluene
Concen: 0.775 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	33.4	50.0
89	59.5	57.2	85.8
182	0.0	2.6	4.0

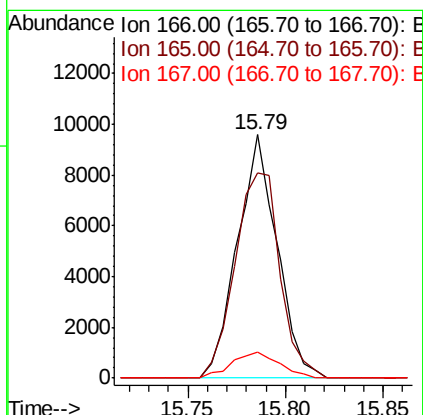
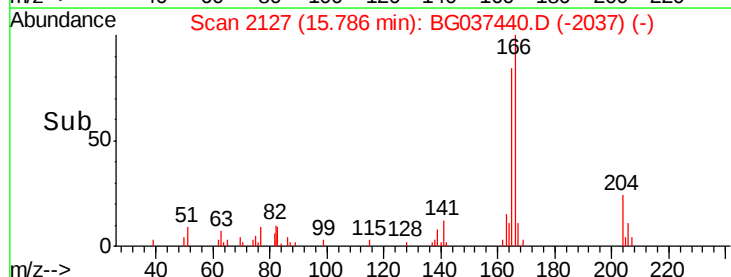
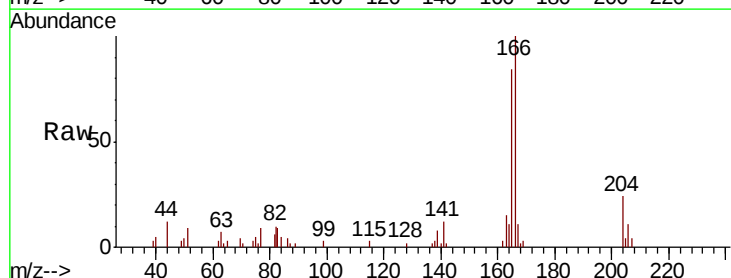
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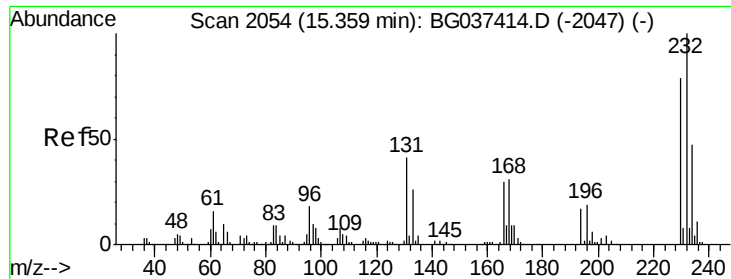
Sohil
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#58
Fluorene
Concen: 1.188 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	84.2	79.0	118.6
167	10.8	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 0.766 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:232 Resp: 2428

Ion Ratio Lower Upper

232 100

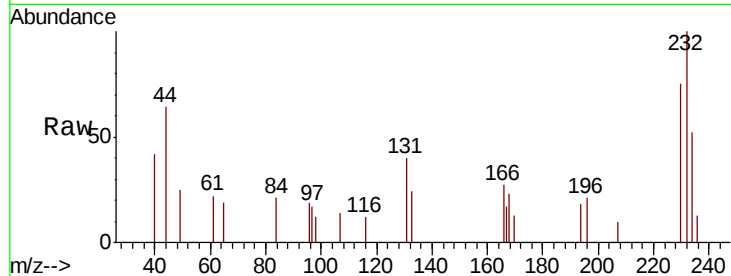
131 42.7 33.7 50.5

130 0.0 2.1 3.1#

166 29.2 24.6 36.8

Manual Integrations
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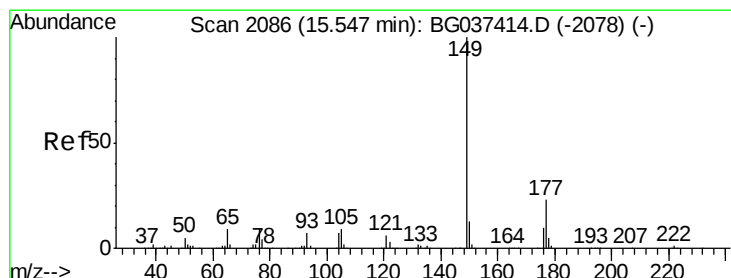
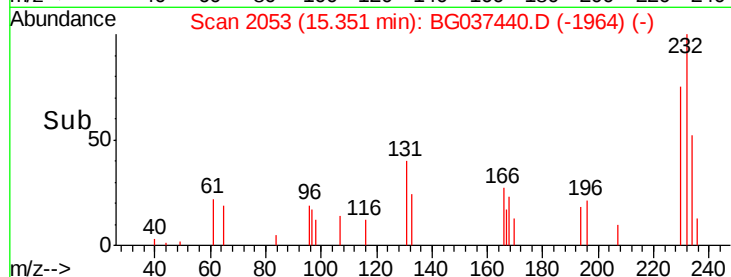
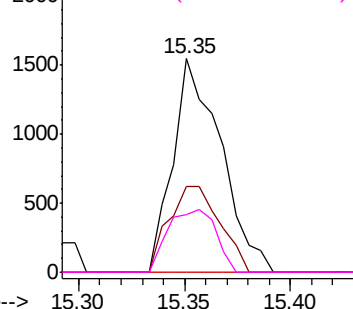


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 1.050 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

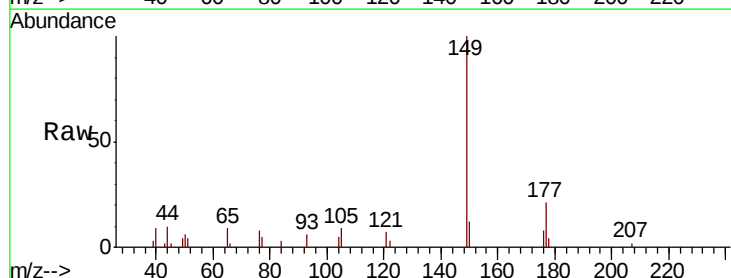
Tgt Ion:149 Resp: 13152

Ion Ratio Lower Upper

149 100

177 20.8 18.3 27.5

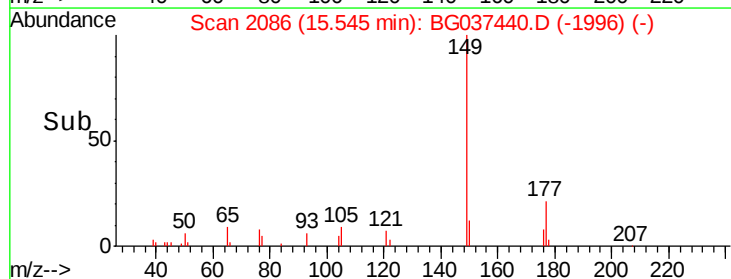
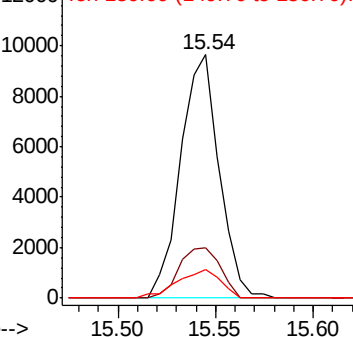
150 11.9 10.0 15.0

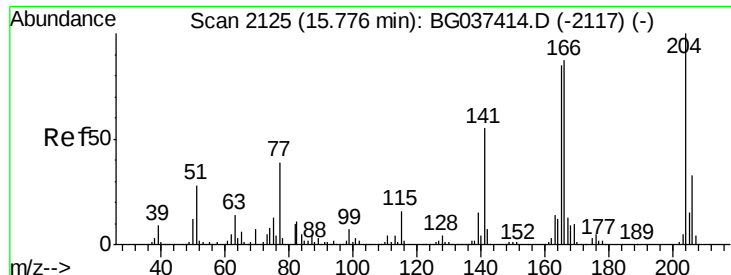


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





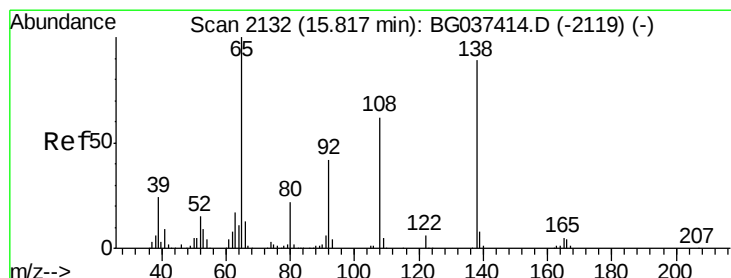
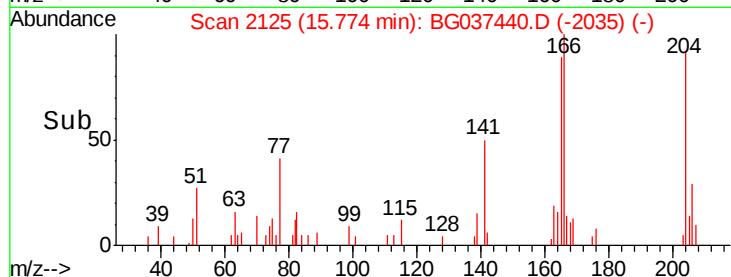
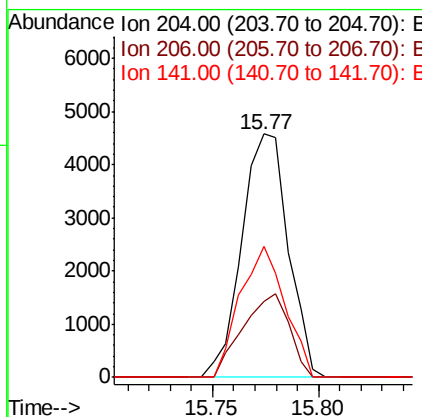
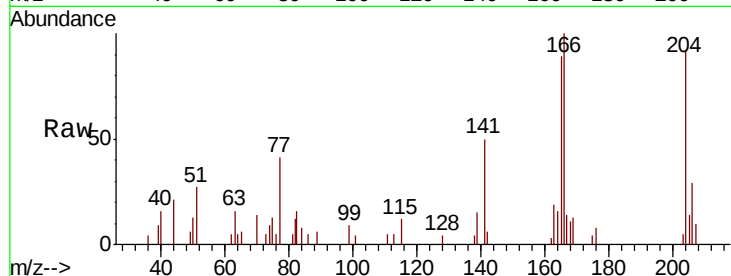
#61
4-Chlorophenyl-phenylether
Concen: 1.058 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.6	39.8
141	53.6	45.4	68.2

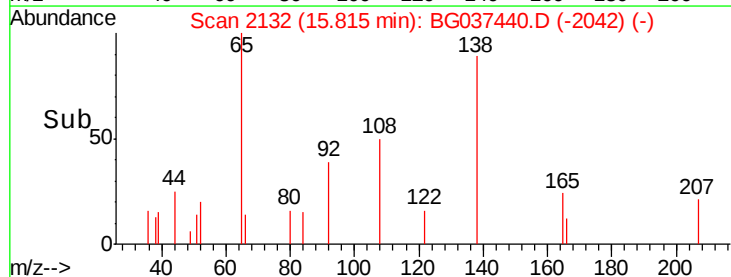
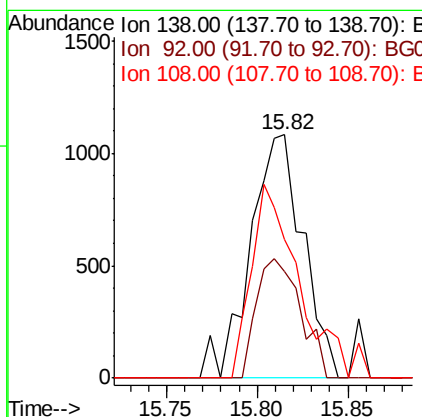
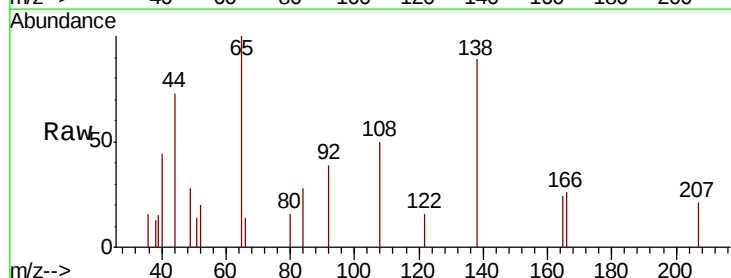
Manual Integrations
APPROVED

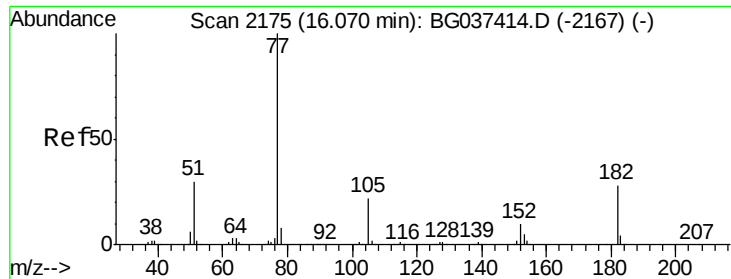
Sohil
10/19/2018 3:57:52 PM



#62
4-Nitroaniline
Concen: 0.738 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.9	36.4	76.4
108	56.9	60.1	100.1#





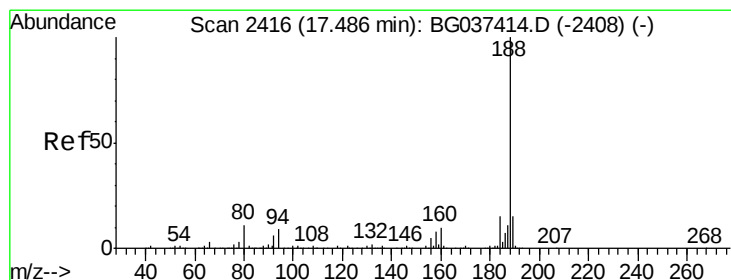
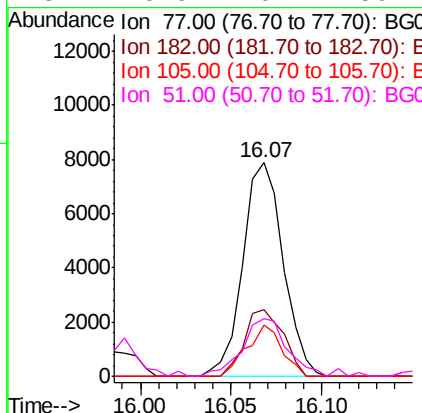
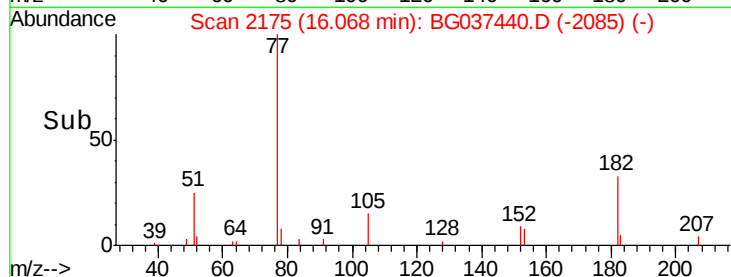
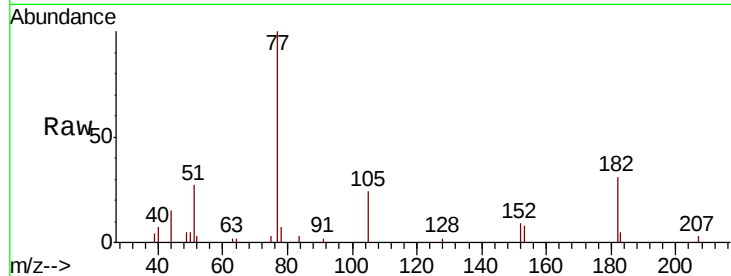
#63
Azobenzene
Concen: 1.020 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.1	8.0	48.0
105	24.2	1.3	41.3
51	26.9	10.7	50.7

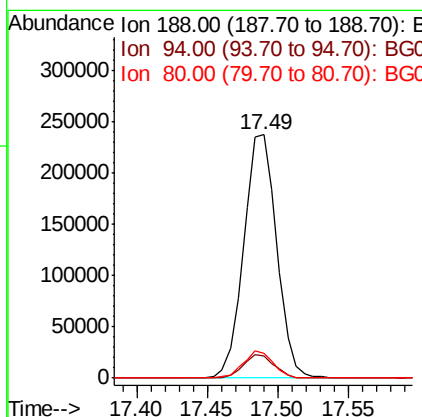
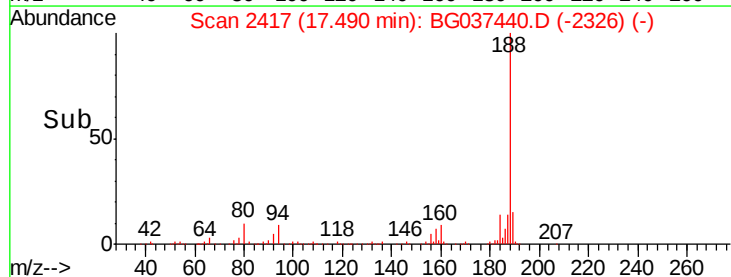
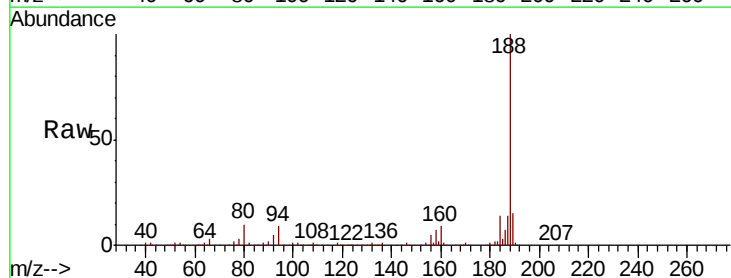
Manual Integrations
APPROVED

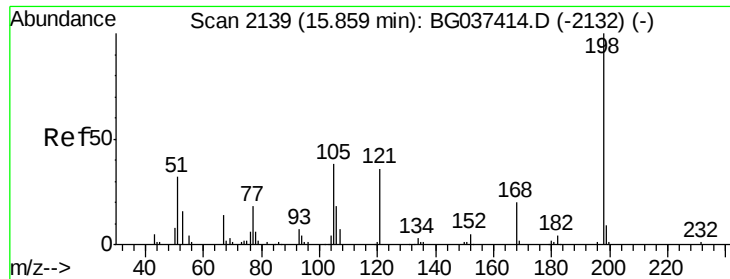
Sohil
10/19/2018 3:57:52 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.2	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.557 ng/ml

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

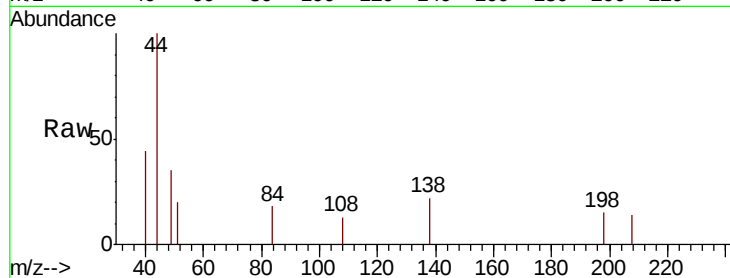
ClientSampleId :

MDL-WATER-03-QT4-2018

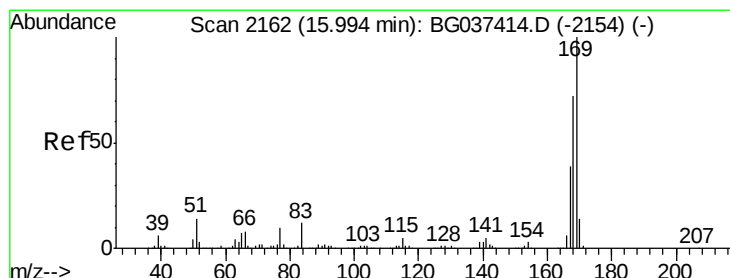
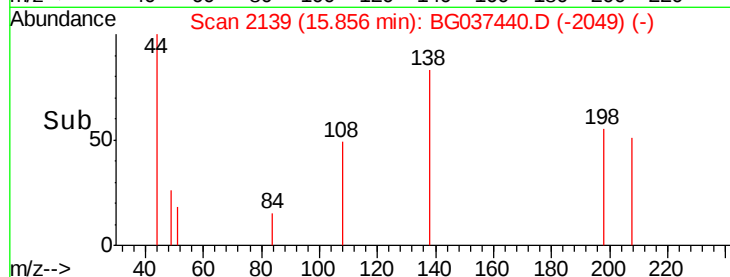
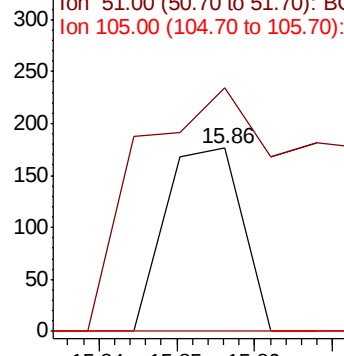
Tot Ion:	198	Resp:	121
Ion Ratio	Lower	Upper	
198	100		
51	133.0	22.7	62.7#
105	0.0	19.7	59.7#

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



#66

n-Nitrosodiphenylamine

Concen: 0.983 ng

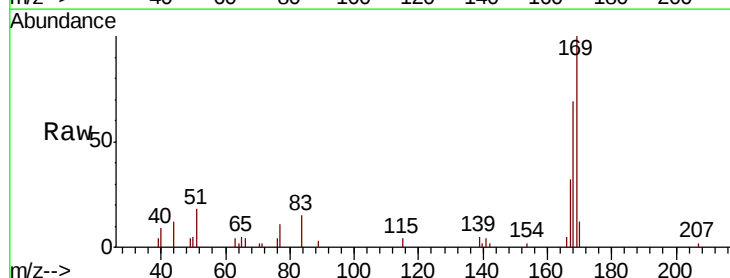
RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

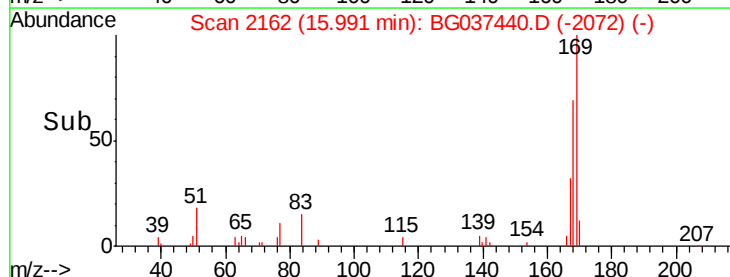
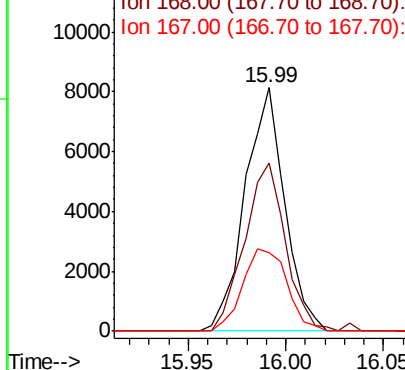
Lab File: BG037440.D

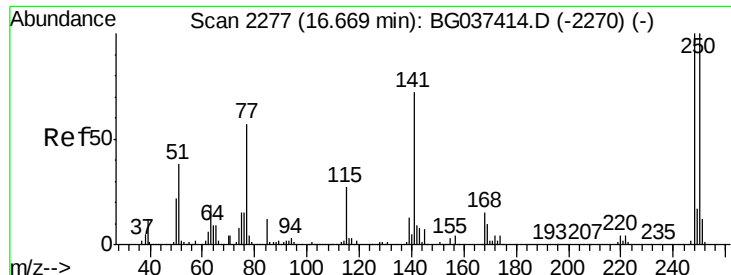
Acq: 19 Oct 2018 5:09

Tgt Ion:	169	Resp:	11432
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.7	83.5
167	32.3	31.3	46.9



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





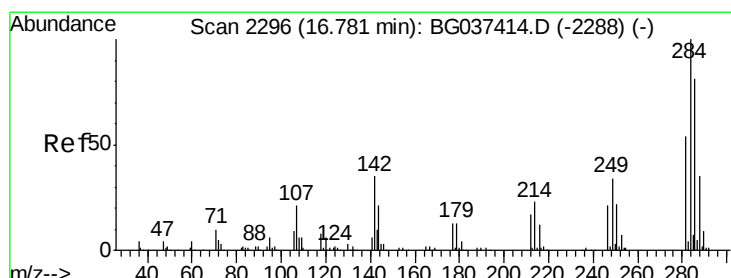
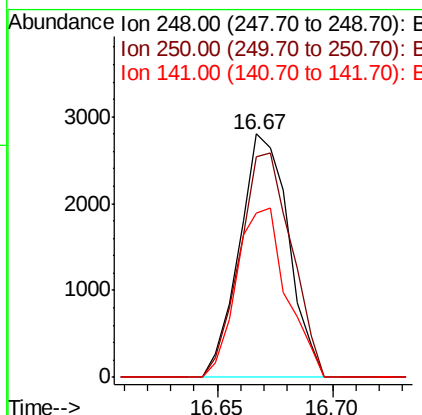
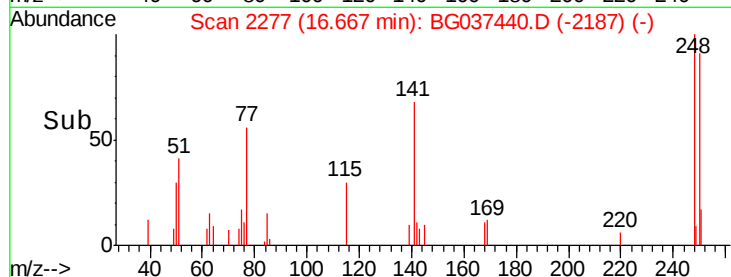
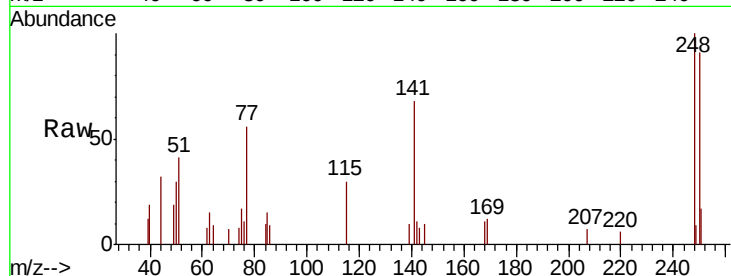
#67
4-Bromophenyl-phenylether
Concen: 0.976 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	90.5	77.0	115.6
141	67.6	55.5	83.3

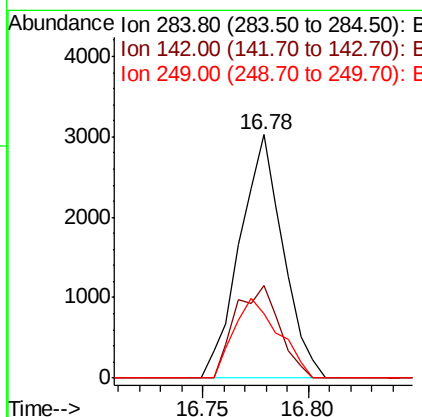
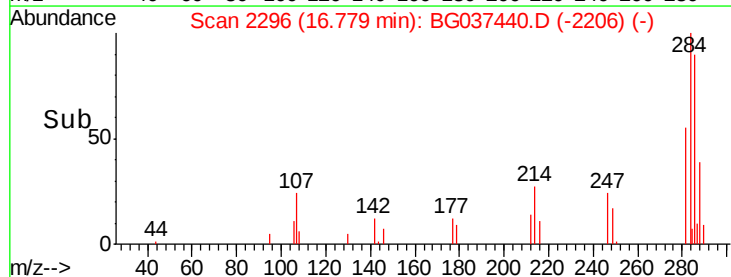
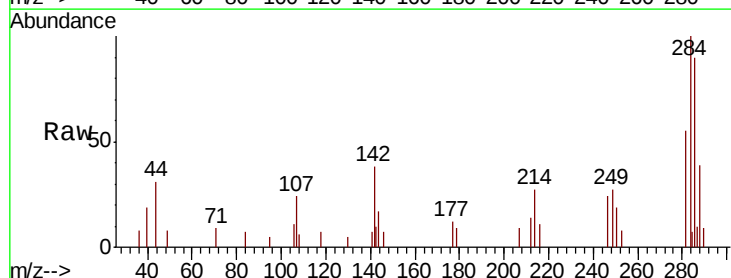
Manual Integrations
APPROVED

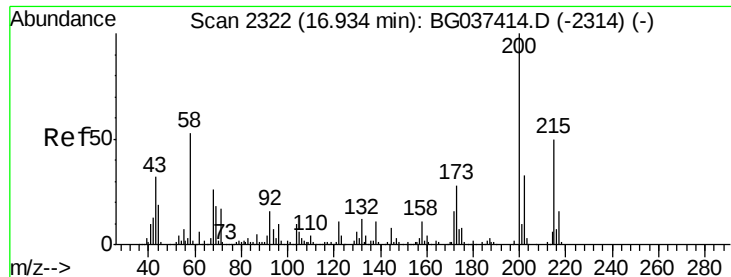
Sohil
10/19/2018 3:57:52 PM



#68
Hexachlorobenzene
Concen: 0.980 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.6	28.1	42.1#
249	24.9	29.8	44.8#





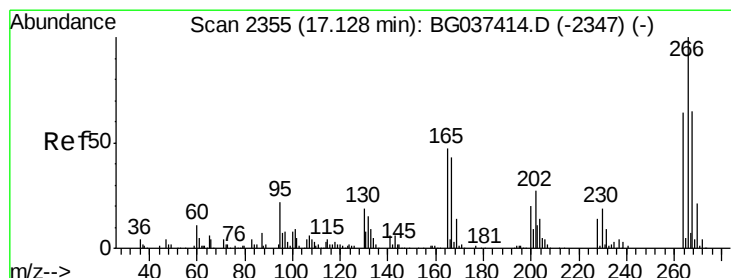
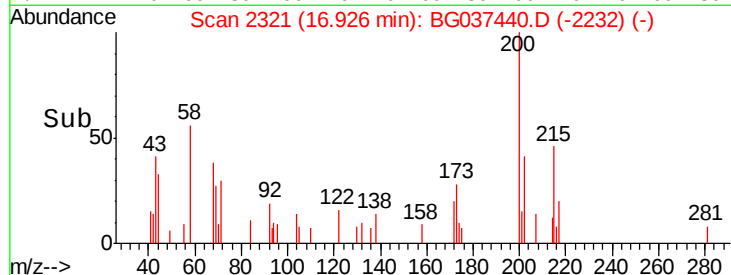
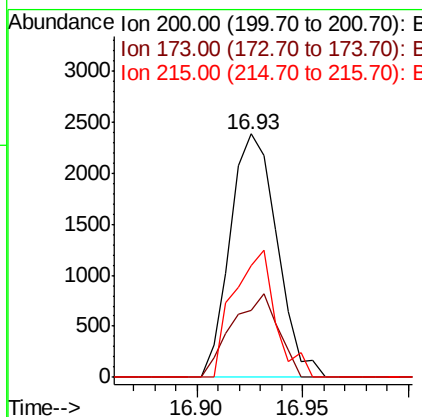
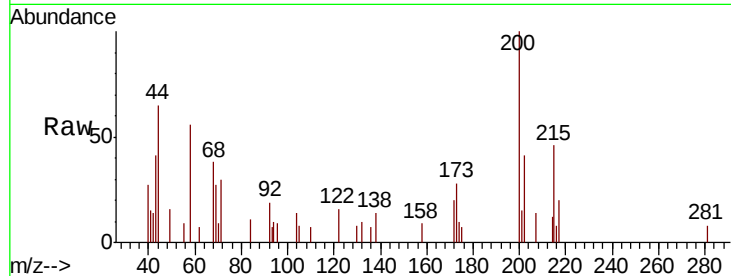
#69
Atrazine
Concen: 0.870 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.1	46.1
215	45.7	30.8	70.8

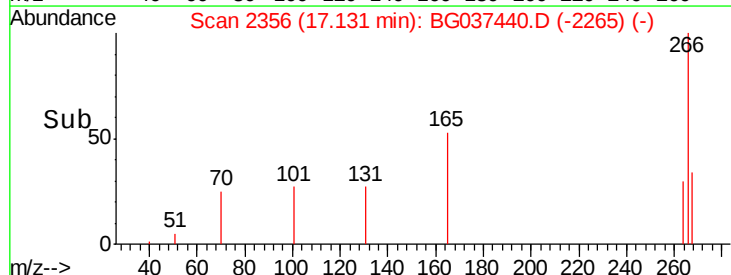
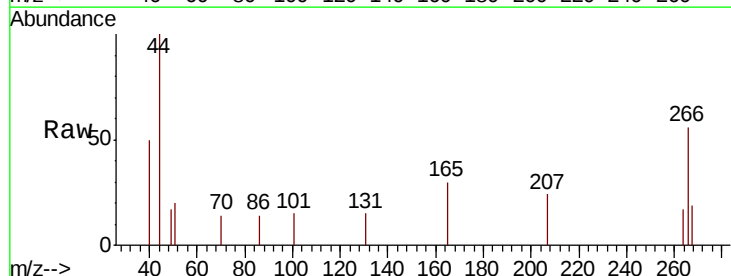
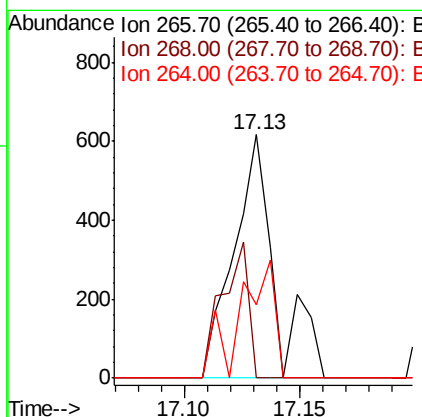
Manual Integrations
APPROVED

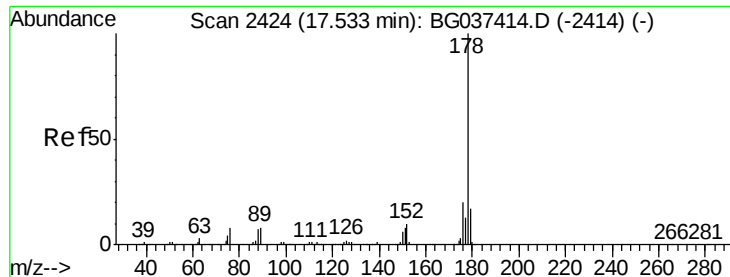
Sohil
10/19/2018 3:57:52 PM



#70
Pentachlorophenol
Concen: 0.260 ng
RT: 17.13 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.0	82.6#
264	30.3	58.9	88.3#





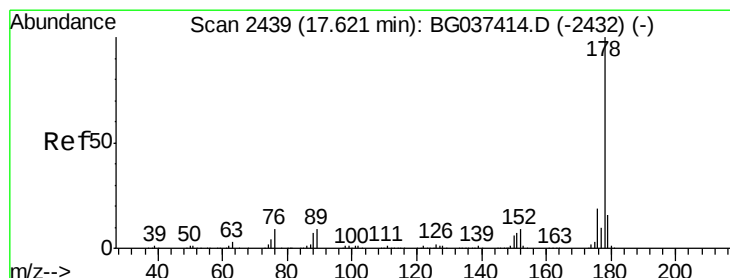
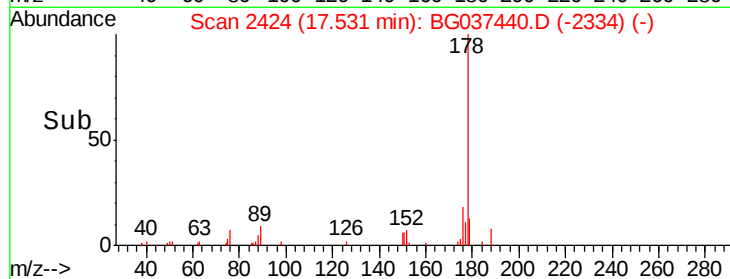
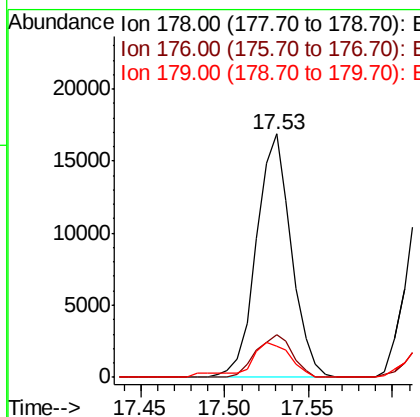
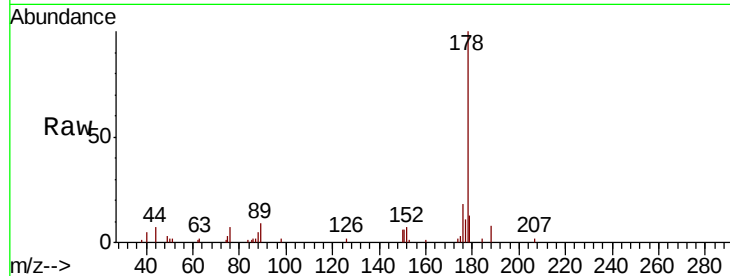
#71
Phenanthrene
Concen: 1.245 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.1	24.1
179	12.9	13.0	19.4

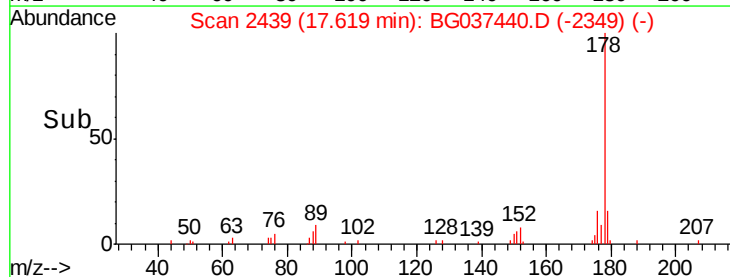
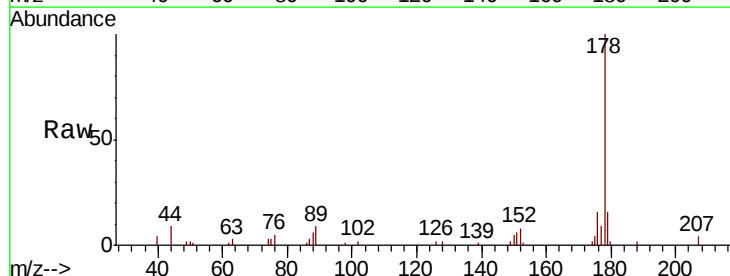
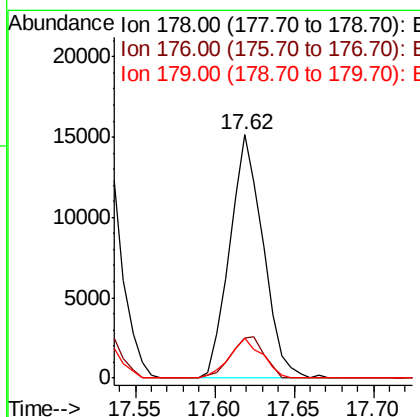
Manual Integrations
APPROVED

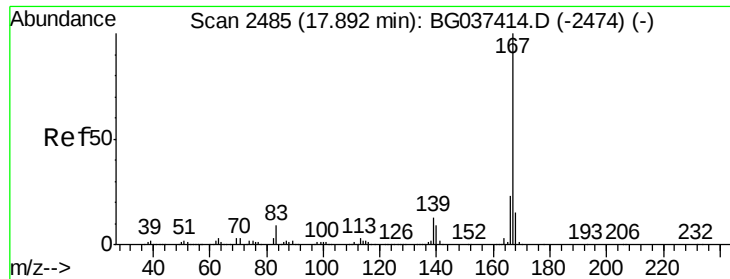
Sohil
10/19/2018 3:57:52 PM



#72
Anthracene
Concen: 1.145 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.0	22.4
179	16.3	12.8	19.2





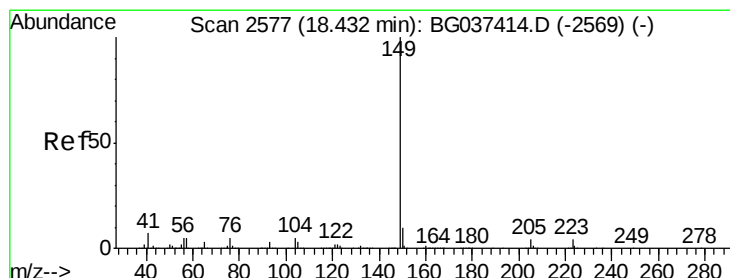
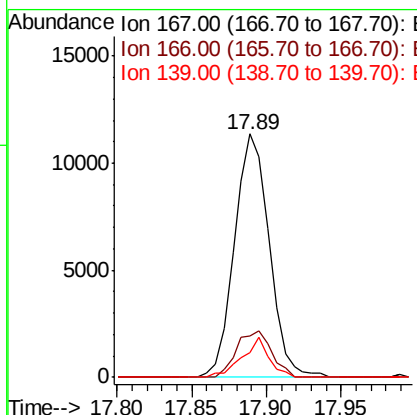
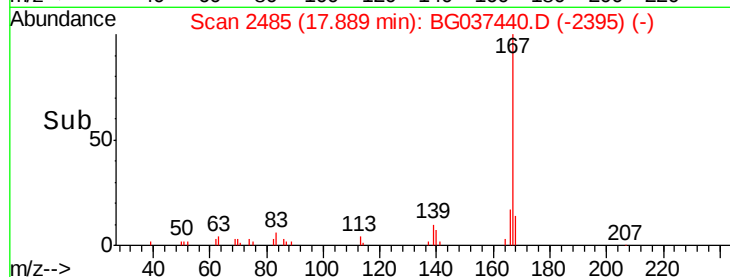
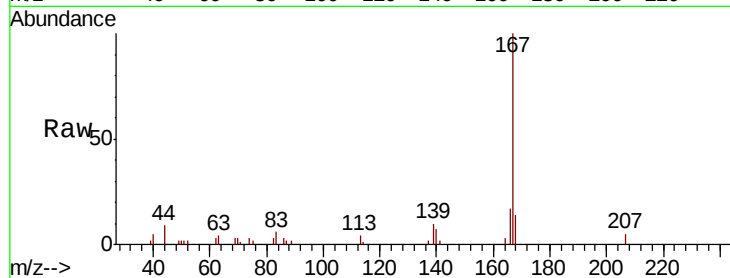
#73
 Carbazole
 Concen: 0.954 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	17.1	18.3	27.5#
139	10.0	10.5	15.7#

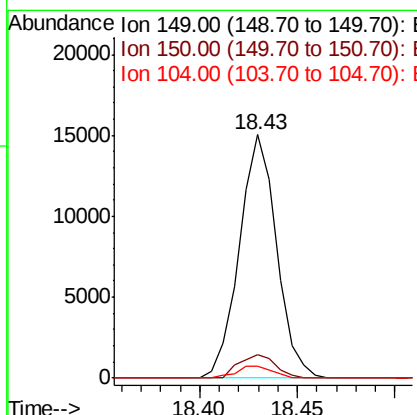
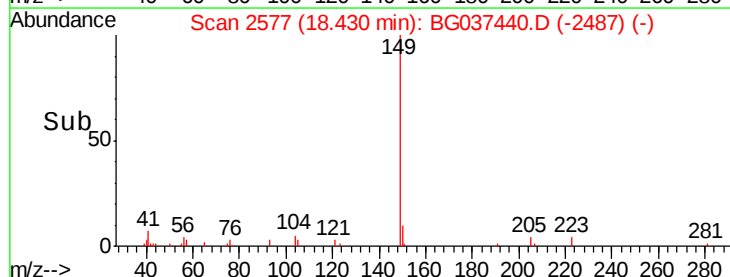
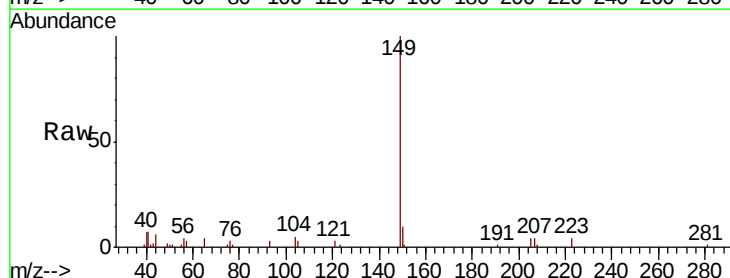
Manual Integrations
 APPROVED

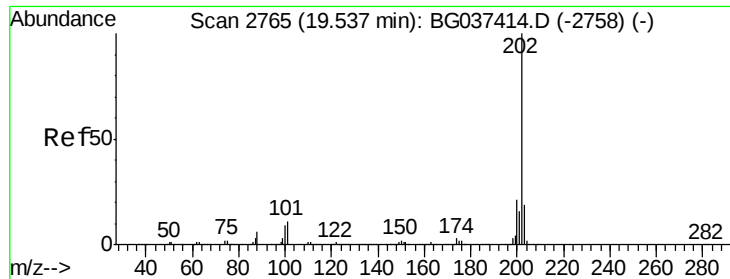
Sohil
 10/19/2018 3:57:52 PM



#74
 Di-n-butylphthalate
 Concen: 0.926 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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





#75

Fluoranthene

Concen: 1.104 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

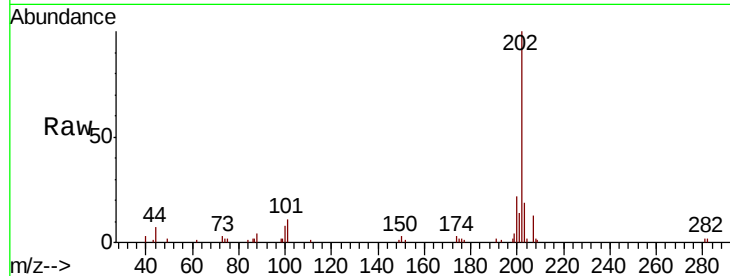
ClientSampleId :

MDL-WATER-03-QT4-2018

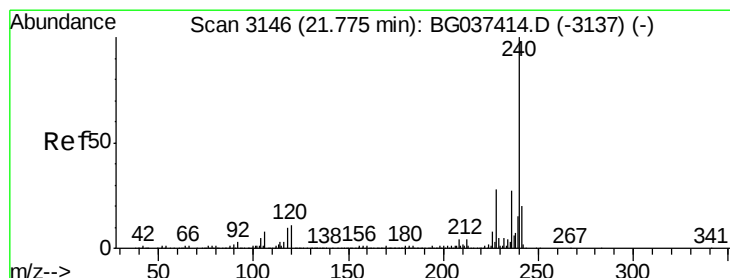
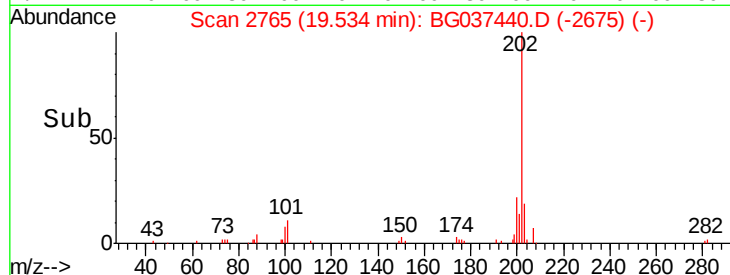
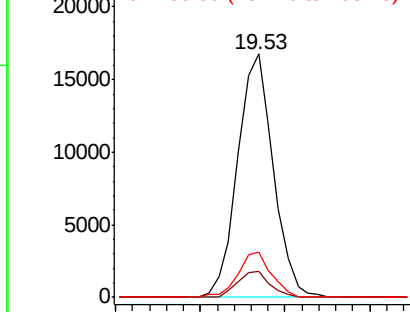
Tot Ion	Ratio	Resp	Lower	Upper
202	100	24607		
101	10.8	0.0	30.7	
203	18.6	0.0	38.5	

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



#76

Chrysene-d12

Concen: 20.000 ng

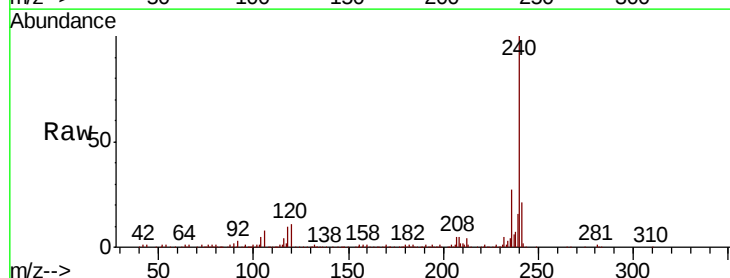
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

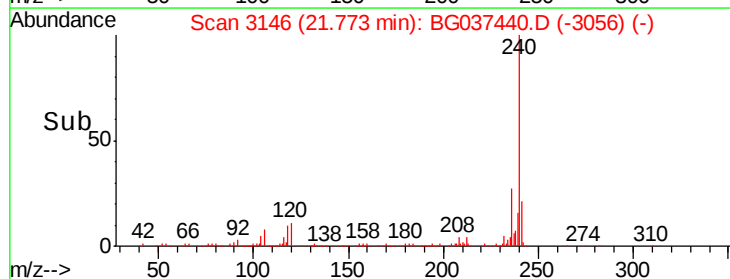
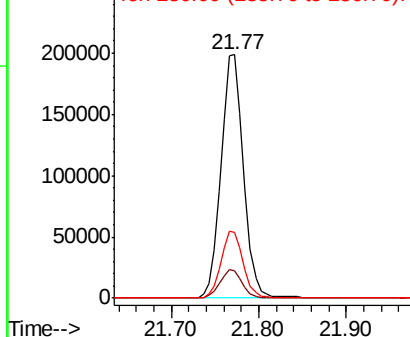
Lab File: BG037440.D

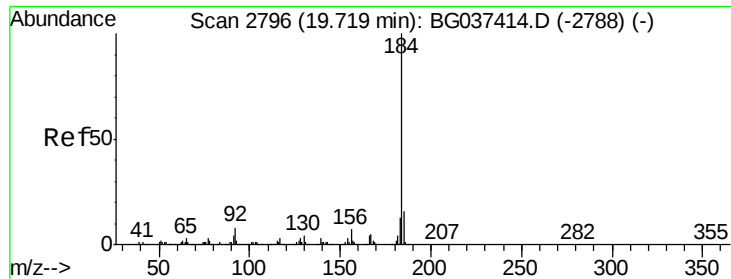
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	352667		
120	11.2	8.1	12.1	
236	27.1	21.4	32.0	



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





#77

Benzidine

Concen: 0.190 ng

RT: 19.72 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

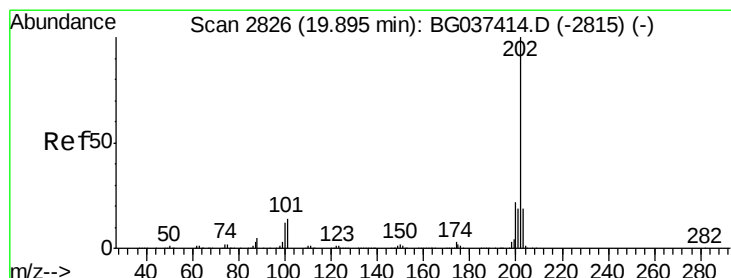
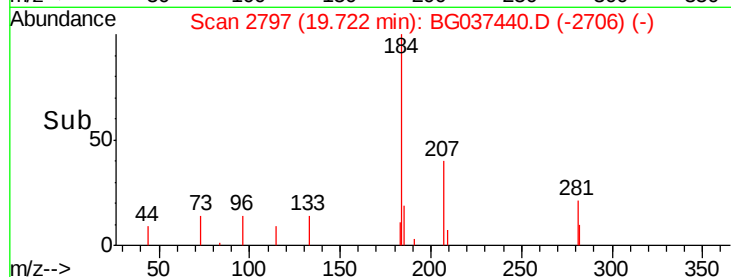
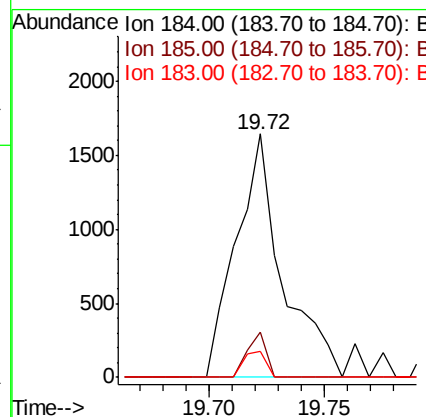
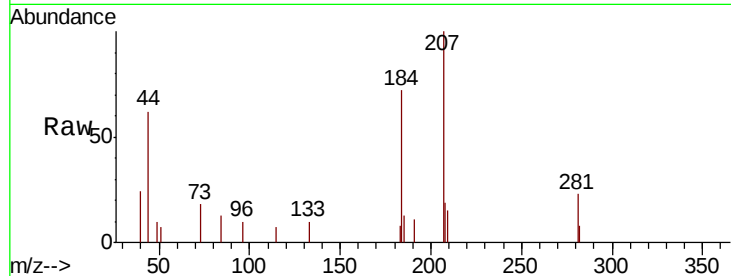
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	184	Resp:	2282
Ion Ratio	Lower	Upper	
184	100		
185	18.6	12.6	18.8
183	10.8	10.2	15.2

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#78

Pyrene

Concen: 1.083 ng

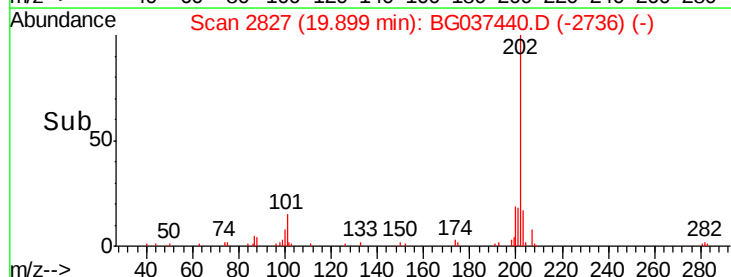
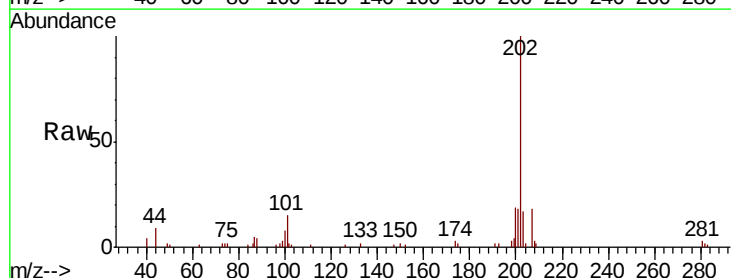
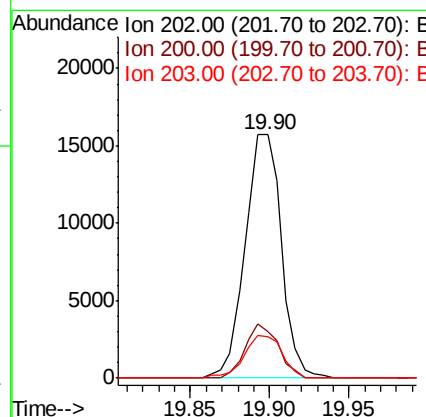
RT: 19.90 min Scan# 2827

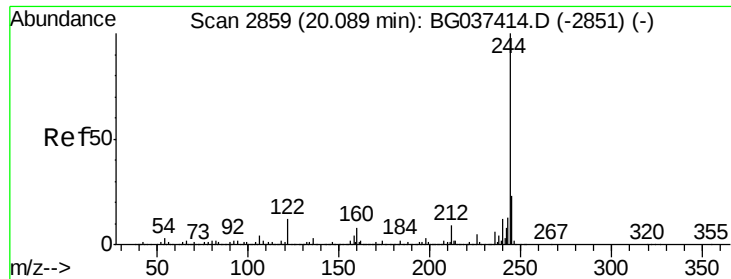
Delta R.T. 0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Tgt Ion:	202	Resp:	24976
Ion Ratio	Lower	Upper	
202	100		
200	19.1	17.8	26.6
203	16.8	15.2	22.8





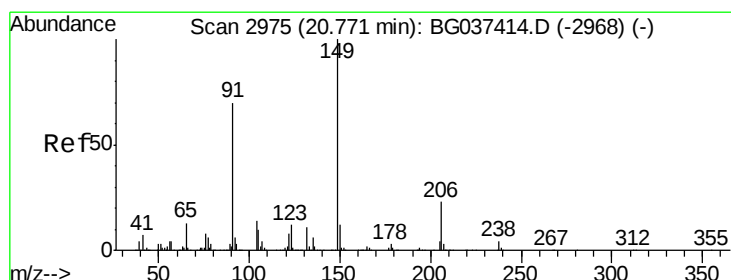
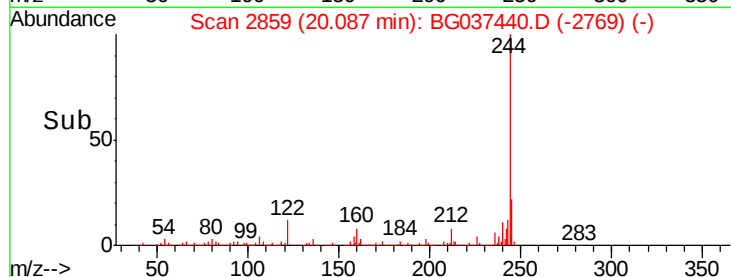
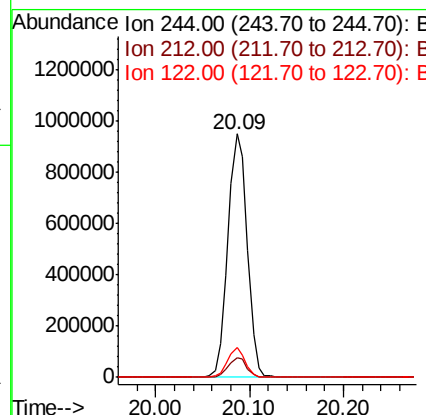
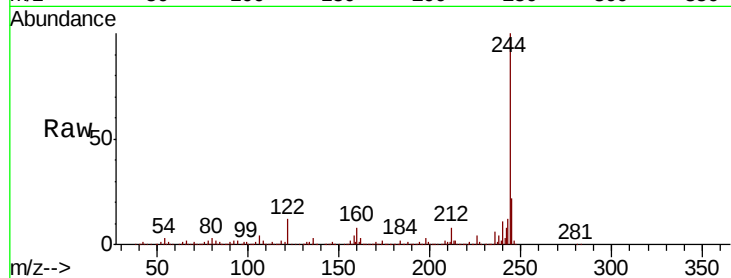
#79
 Terphenyl-d14
 Concen: 82.664 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	12.0	9.0	13.4

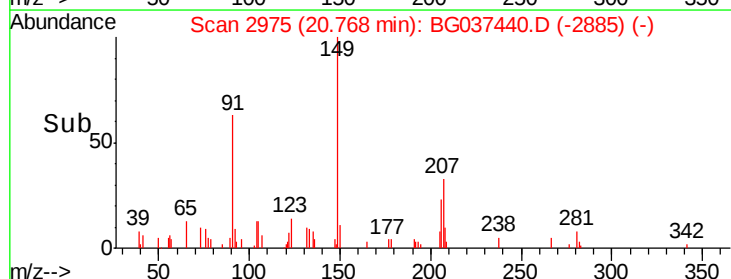
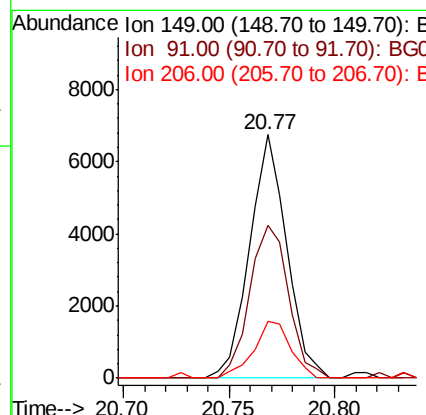
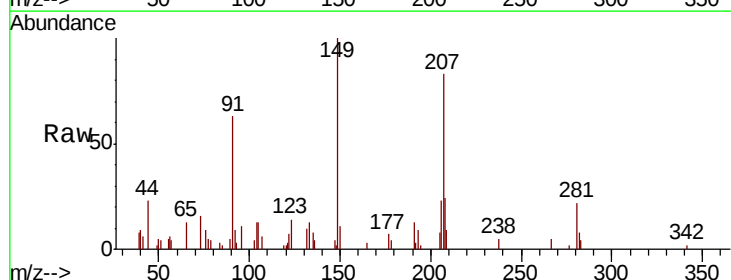
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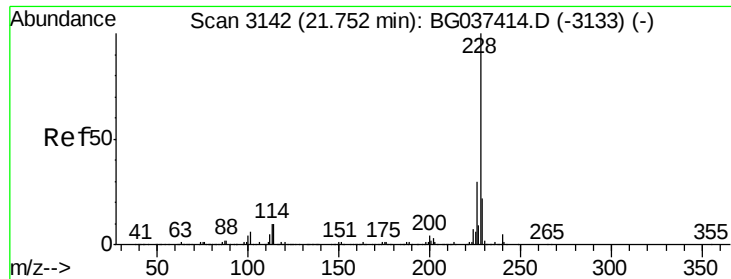
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#80
 Butylbenzylphthalate
 Concen: 0.870 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.7	57.0	85.4
206	23.1	17.8	26.6





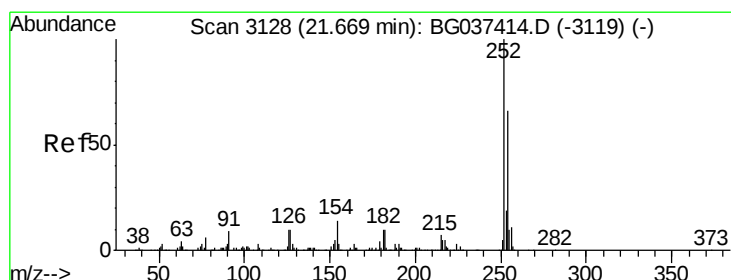
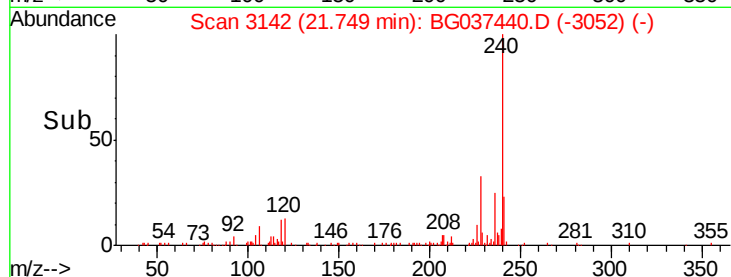
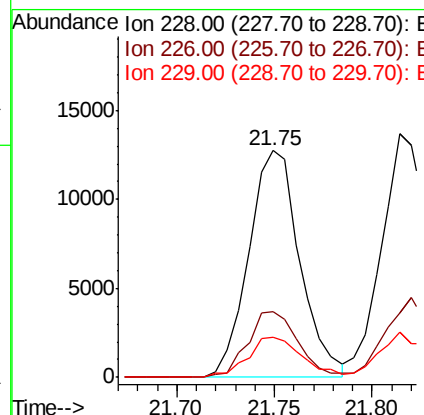
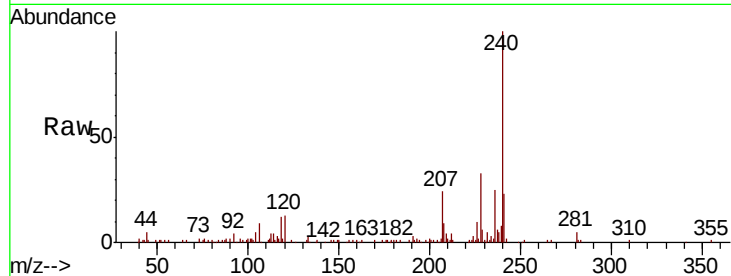
#81
Benzo(a)anthracene
Concen: 1.106 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	17.8	16.3	24.5

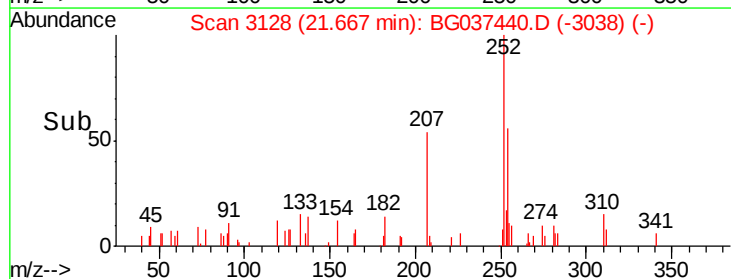
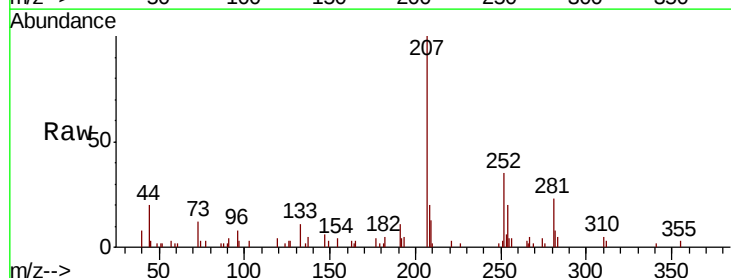
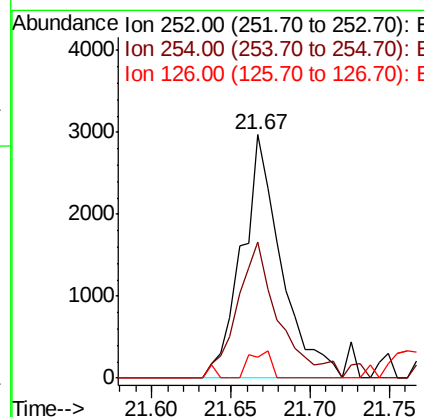
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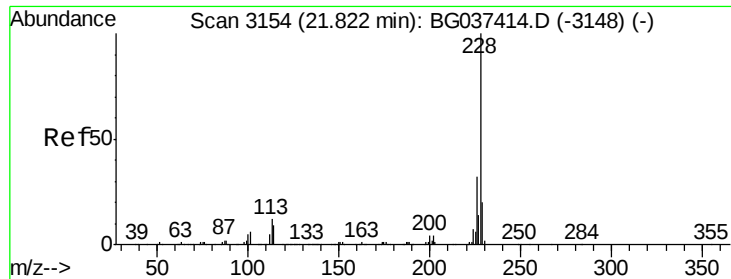
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#82
3,3'-Dichlorobenzidine
Concen: 0.628 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	55.9	52.0	78.0
126	8.4	8.2	12.4





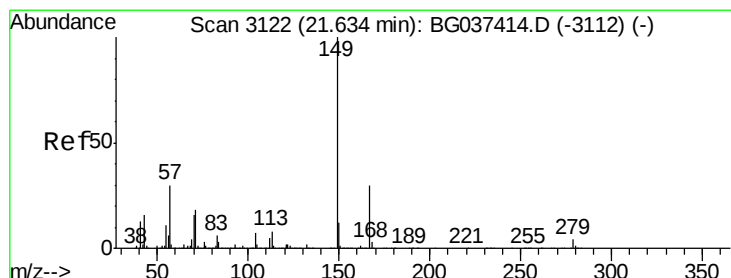
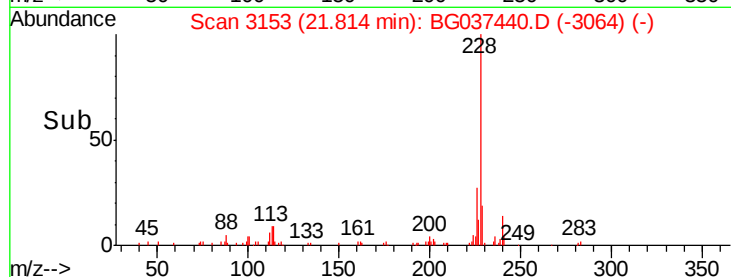
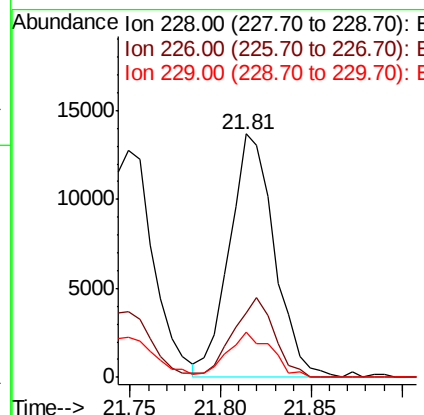
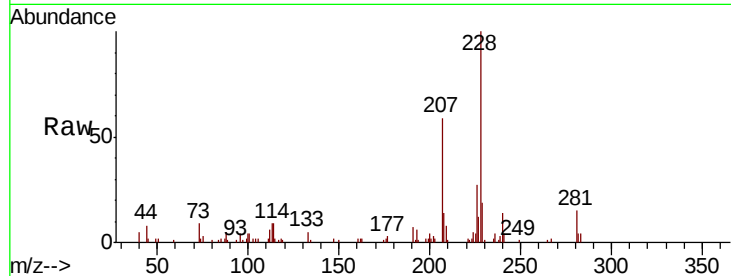
#83
 Chrysene
 Concen: 1.176 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

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

Tot Ion:	228	Resp:	23588
Ion Ratio	Lower	Upper	
228	100		
226	26.7	25.7	38.5
229	18.8	16.5	24.7

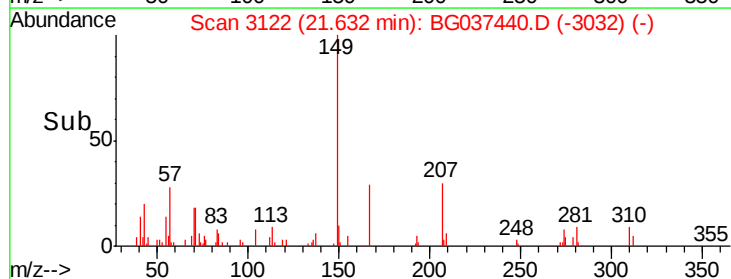
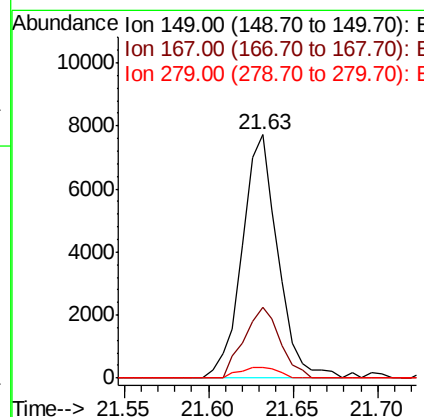
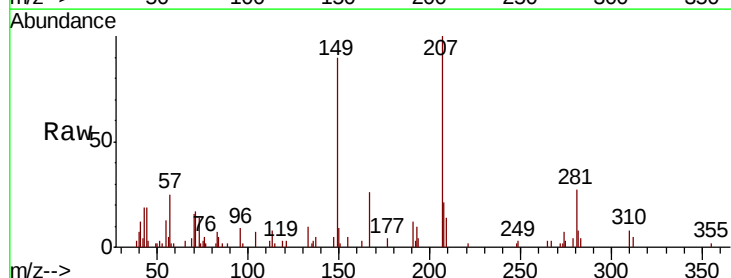
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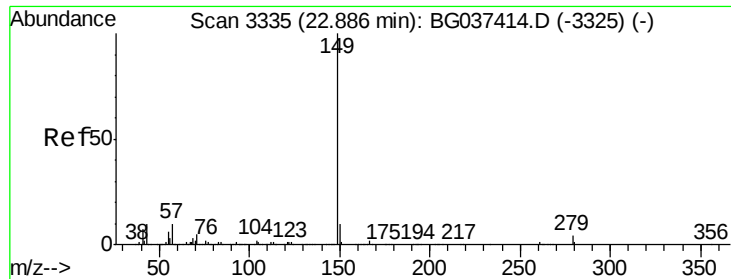
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.858 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037440.D
 Acq: 19 Oct 2018 5:09

Tgt Ion:	149	Resp:	11349
Ion Ratio	Lower	Upper	
149	100		
167	29.1	23.0	34.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 0.826 ng

RT: 22.88 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

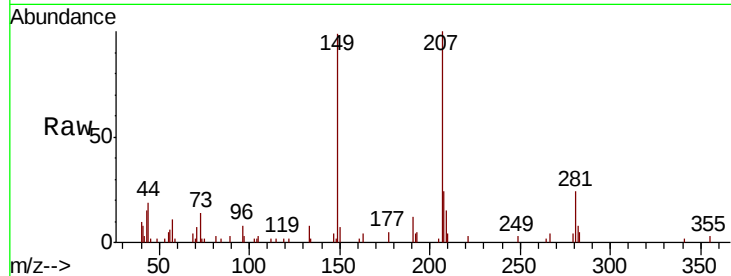
ClientSampleId :

MDL-WATER-03-QT4-2018

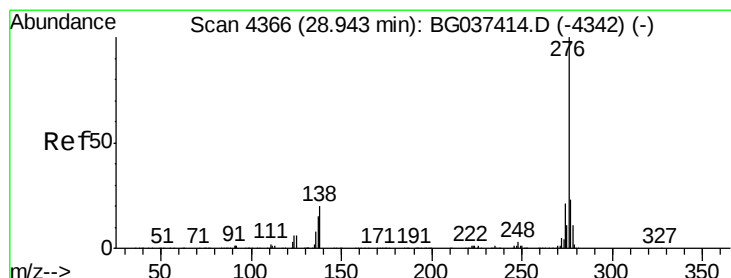
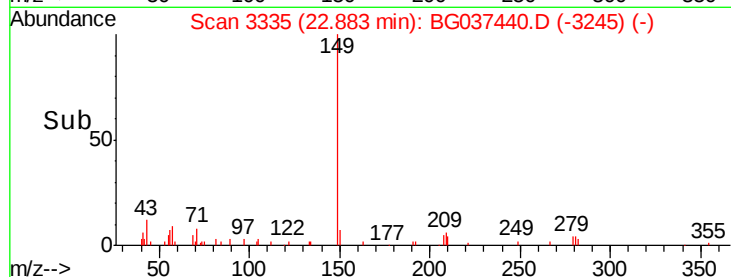
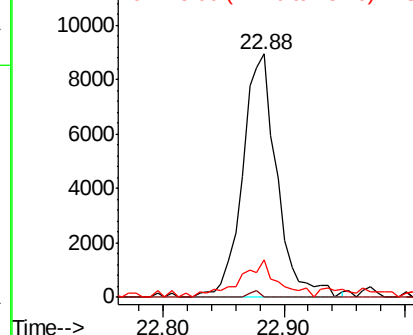
Tot Ion:	149	Resp:	17812
Ion Ratio	Lower	Upper	
149	100		
167	0.8	1.3	1.9#
43	16.4	8.7	13.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.874 ng m

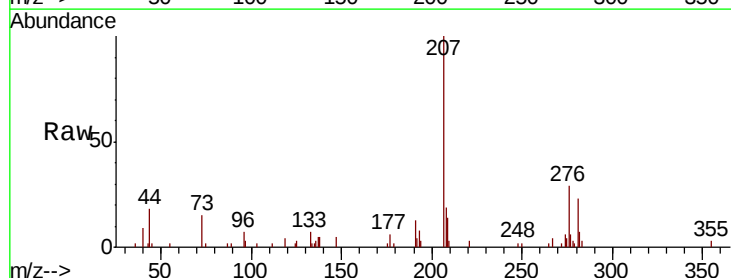
RT: 28.93 min Scan# 4364

Delta R.T. -0.01 min

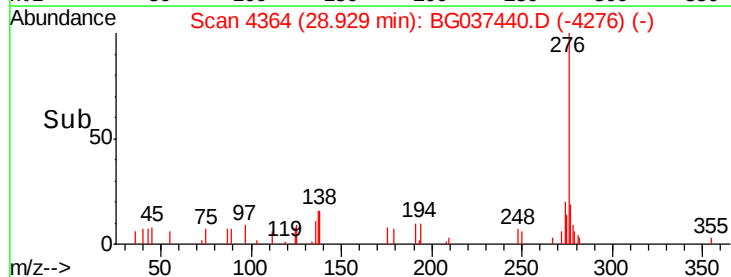
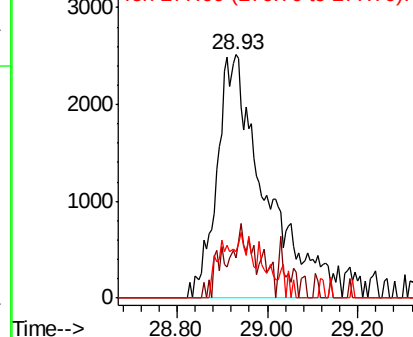
Lab File: BG037440.D

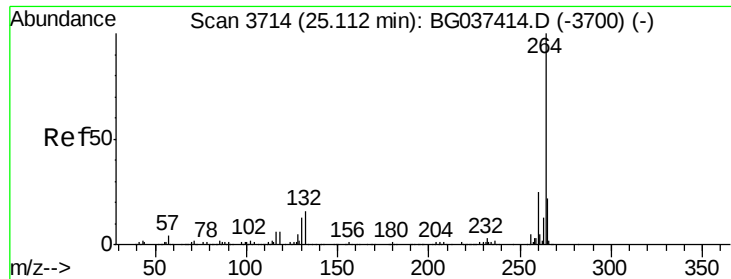
Acq: 19 Oct 2018 5:09

Tgt Ion:	276	Resp:	18798
Ion Ratio	Lower	Upper	
276	100		
138	0.0	12.0	18.0#
277	6.7	20.6	30.8#



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





#87

Pervlene-d12

Concen: 20.000 ng/mL

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Instrument :

BNA_G

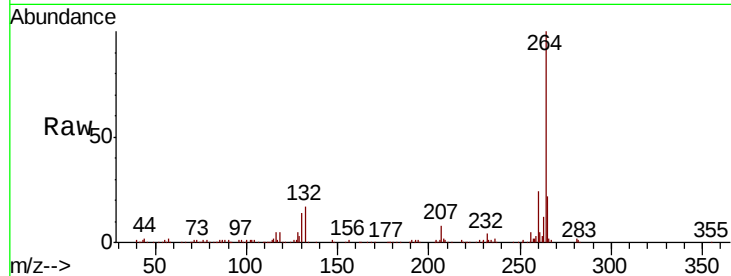
ClientSampleId :

MDL-WATER-03-QT4-2018

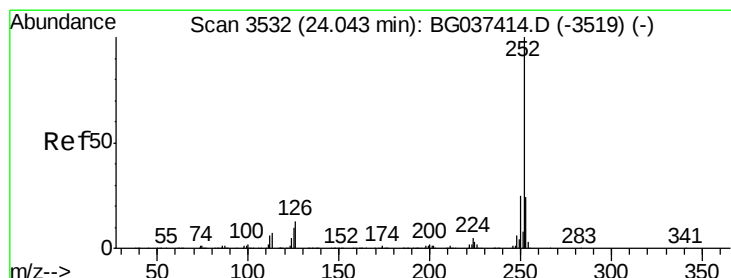
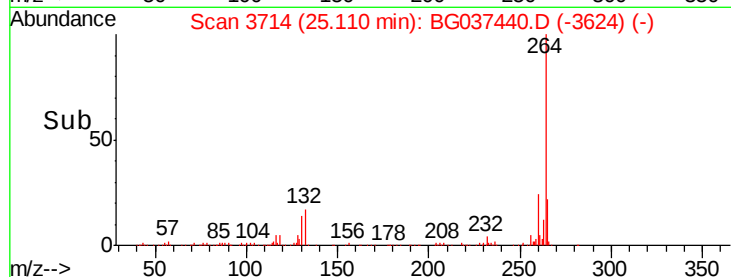
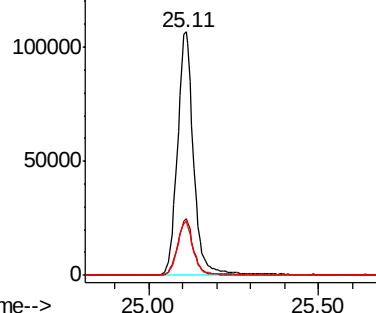
Tot Ion:	264	Resp:	356936
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	22.3	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 1.066 ng/mL

RT: 24.03 min Scan# 3531

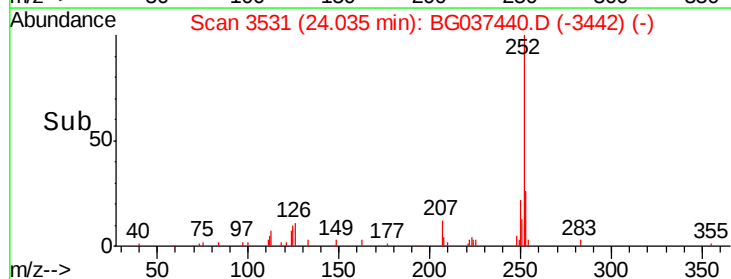
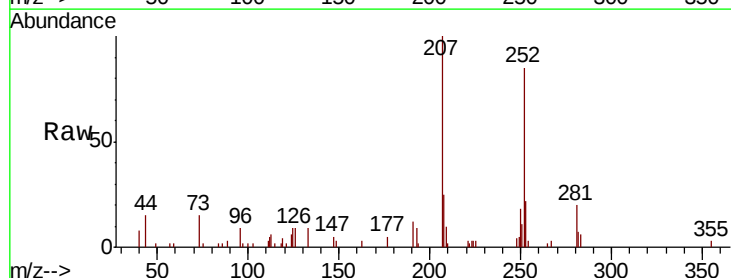
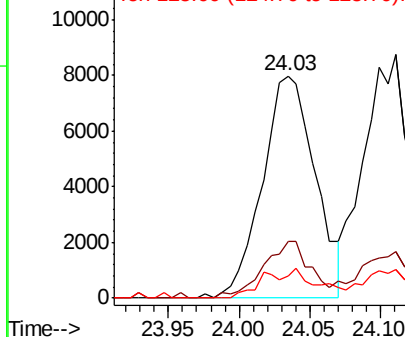
Delta R.T. -0.01 min

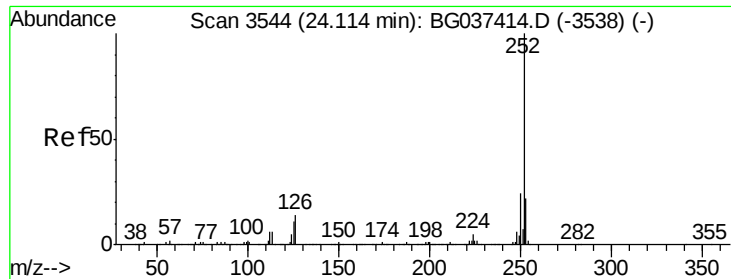
Lab File: BG037440.D

Acq: 19 Oct 2018 5:09

Tgt Ion:	252	Resp:	20869
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.2	27.2
125	10.1	7.8	11.6

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





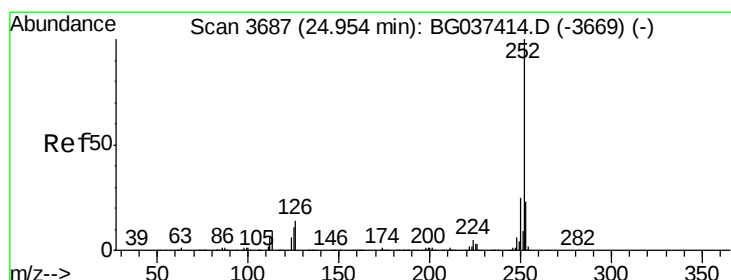
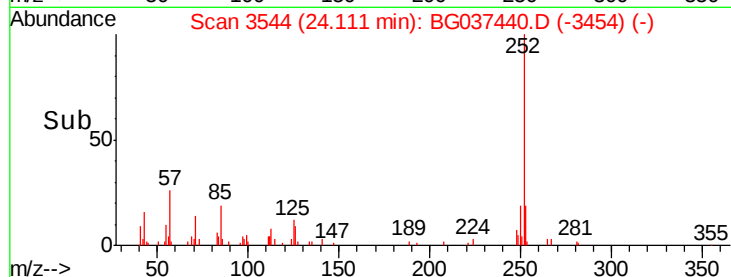
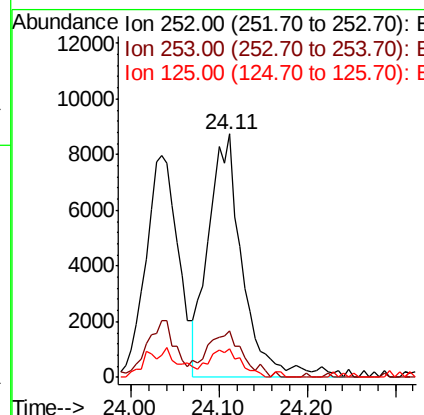
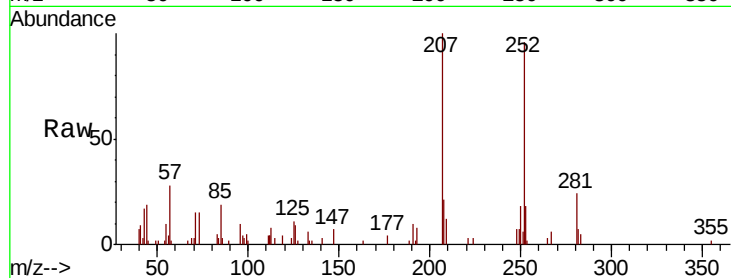
#89
Benzo(k)fluoranthene
Concen: 1.211 ng m
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	18.9	17.4	26.2
125	11.6	7.4	11.0

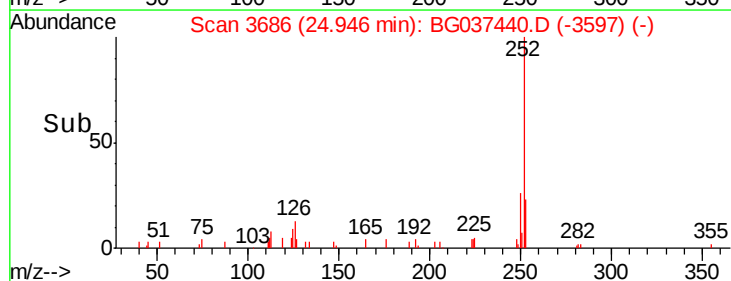
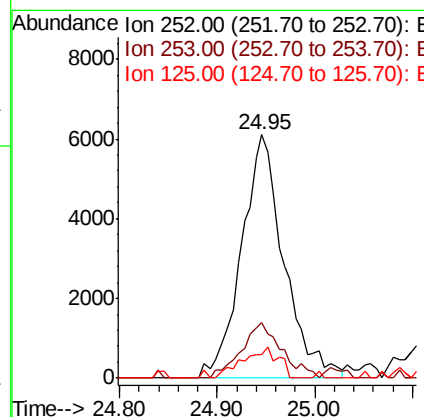
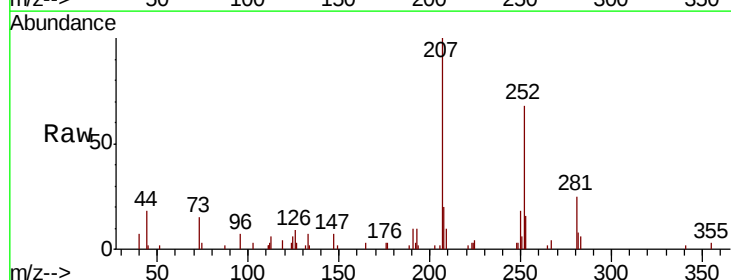
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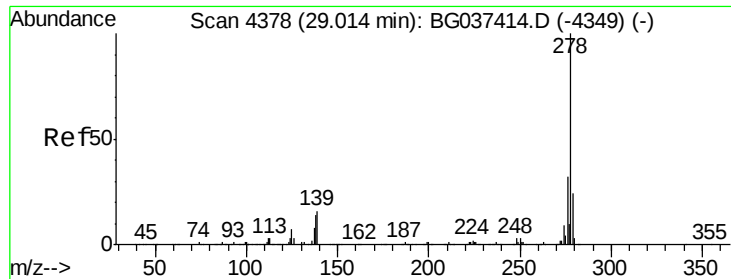
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#90
Benzo(a)pyrene
Concen: 0.991 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	9.4	9.0	13.6





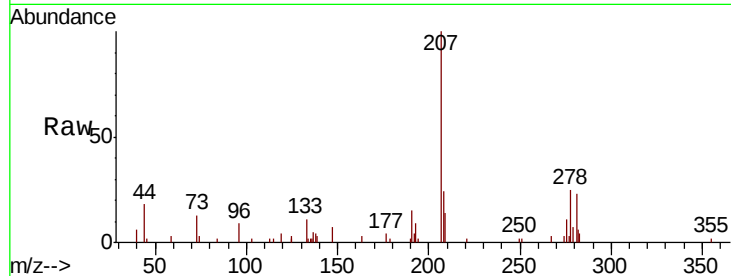
#91
Dibenzo(a,h)anthracene
Concen: 0.698 ng
RT: 29.01 min Scan# 4378
Delta R.T. -0.00 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	11.5	17.3#
279	28.0	18.6	27.8#

Manual Integrations
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Sohil
10/19/2018 3:57:52 PM

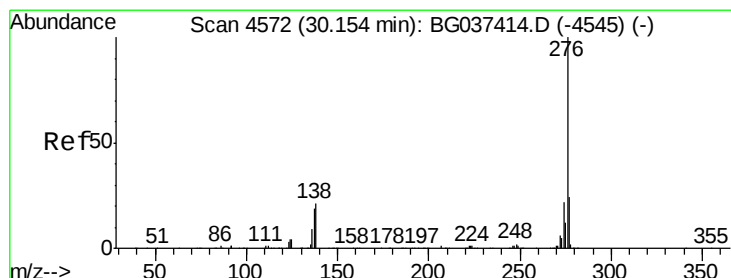
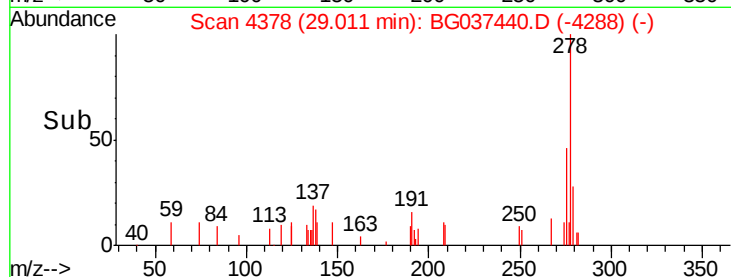
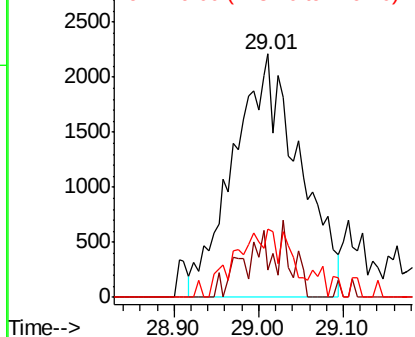


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 0.981 ng m
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037440.D
Acq: 19 Oct 2018 5:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.9	28.3
138	24.2	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

