

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037469.D
 Acq On : 20 Oct 2018 3:01
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 8PPM
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:35 PM

Quant Time: Oct 20 07:02:06 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	51358	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	243346	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	162001	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	391156	20.00	ng	0.00
76) Chrysene-d12	21.77	240	368299	20.00	ng	0.00
87) Perylene-d12	25.10	264	366574	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	451873	147.10	ng	0.00
7) Phenol-d6	7.25	99	658319	141.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	364591	83.93	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	247298	139.96	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	881785	82.08	ng	0.00
79) Terphenyl-d14	20.09	244	1342730	77.90	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.54	88	11489	7.375	ng	92
3) Pyridine	3.94	79	30019	7.645	ng	93
4) n-Nitrosodimethylamine	3.86	42	11880	8.494	ng	# 97
6) Aniline	7.43	93	38787	6.845	ng	97
8) 2-Chlorophenol	7.67	128	29449	8.195	ng	98
9) Benzaldehyde	7.25	77	23702	8.157	ng	92
10) Phenol	7.27	94	41706	8.510	ng	92
11) bis(2-Chloroethyl)ether	7.53	93	30658	8.236	ng	94
12) 1,3-Dichlorobenzene	8.00	146	32242	8.059	ng	97
13) 1,4-Dichlorobenzene	8.14	146	32257	7.882	ng	97
14) 1,2-Dichlorobenzene	8.47	146	31840	8.088	ng	97
15) Benzyl Alcohol	8.34	79	25593	7.457	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	54685	8.210	ng	96
17) 2-Methylphenol	8.54	107	26248	8.101	ng	96
18) Hexachloroethane	9.19	117	11822	8.474	ng	91
19) n-Nitroso-di-n-propylamine	8.91	70	24291	7.594	ng	92
20) 3+4-Methylphenols	8.86	107	38529	8.317	ng	92
22) Acetophenone	8.94	105	47933	7.854	ng	# 97
24) Nitrobenzene	9.32	77	37160	8.234	ng	95
25) Isophorone	9.84	82	68419	8.620	ng	98
26) 2-Nitrophenol	10.04	139	14691	7.226	ng	92
27) 2,4-Dimethylphenol	10.08	122	30950	8.527	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	44591	8.575	ng	99
29) 2,4-Dichlorophenol	10.56	162	30782	7.617	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	32915	7.489	ng	98
31) Naphthalene	10.98	128	105001	8.785	ng	99
32) Benzoic acid	10.13	122	10982m	4.658	ng	
33) 4-Chloroaniline	11.09	127	33896	6.036	ng	98
34) Hexachlorobutadiene	11.24	225	19185	7.365	ng	95
35) Caprolactam	11.85	113	10435	6.438	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	35250	7.734	ng	97
37) 2-Methylnaphthalene	12.58	142	77663	8.914	ng	98
38) 1-Methylnaphthalene	12.80	142	76258	9.012	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	39569	7.572	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	20521	8.221	ng	89
43) 2,4,6-Trichlorophenol	13.17	196	25296	7.246	ng	92
44) 2,4,5-Trichlorophenol	13.24	196	29737	7.824	ng	98
46) 1,1'-Biphenyl	13.58	154	103300	7.699	ng	99
47) 2-Chloronaphthalene	13.62	162	80385	7.920	ng	95
48) 2-Nitroaniline	13.82	65	21690	7.047	ng	98
49) Acenaphthylene	14.46	152	136491	8.939	ng	95
50) Dimethylphthalate	14.19	163	104811	8.363	ng	98
51) 2,6-Dinitrotoluene	14.32	165	21321	7.690	ng	97
52) Acenaphthene	14.80	154	79265	8.429	ng	97
53) 3-Nitroaniline	14.65	138	21179	6.881	ng #	94
54) 2,4-Dinitrophenol	14.85	184	2290	9.601	ng #	90
55) Dibenzofuran	15.13	168	130271	8.362	ng	98
56) 4-Nitrophenol	14.93	139	13849	6.079	ng	92
57) 2,4-Dinitrotoluene	15.10	165	28962	7.958	ng #	91
58) Fluorene	15.79	166	105958	9.082	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	24912	7.655	ng	98
60) Diethylphthalate	15.54	149	106466	8.275	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	54817	8.061	ng	97
62) 4-Nitroaniline	15.80	138	23496	7.683	ng	99
63) Azobenzene	16.07	77	103247	8.410	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	7956	11.697	ng	91
66) n-Nitrosodiphenylamine	15.99	169	93748	7.968	ng	97
67) 4-Bromophenyl-phenylether	16.67	248	32431	7.550	ng	95
68) Hexachlorobenzene	16.78	284	34468	7.742	ng	99
69) Atrazine	16.93	200	32320	7.597	ng	94
70) Pentachlorophenol	17.13	266	13473	4.518	ng	98
71) Phenanthrene	17.53	178	178676	8.988	ng	96
72) Anthracene	17.62	178	177944	9.121	ng	99
73) Carbazole	17.89	167	158395	8.117	ng	98
74) Di-n-butylphthalate	18.43	149	177896	8.195	ng	97
75) Fluoranthene	19.53	202	204063	9.050	ng	97
77) Benzidine	19.72	184	31635	2.526	ng	96
78) Pyrene	19.89	202	210027	8.723	ng	99
80) Butylbenzylphthalate	20.77	149	73047	7.413	ng	98
81) Benzo(a)anthracene	21.75	228	189547	8.701	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	47209	5.591	ng	99
83) Chrysene	21.82	228	178014	8.498	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	102870	7.448	ng	98
85) Di-n-octyl phthalate	22.88	149	166198	7.379	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	158896	7.072	ng	93
88) Benzo(b)fluoranthene	24.04	252	171591	8.538	ng	100
89) Benzo(k)fluoranthene	24.11	252	173074	8.790	ng	98
90) Benzo(a)pyrene	24.95	252	161907	8.478	ng	100
91) Dibenzo(a,h)anthracene	29.00	278	123832	7.030	ng	95
92) Benzo(g,h,i)perylene	30.12	276	139399	7.822	ng	99

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



#1

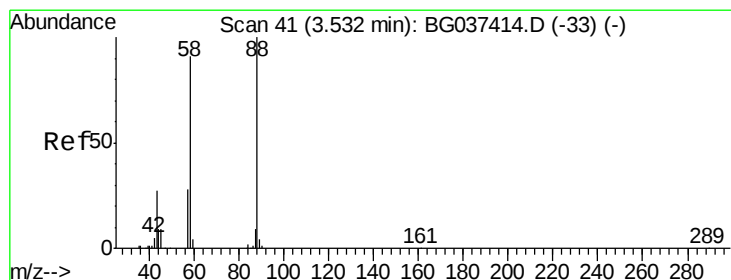
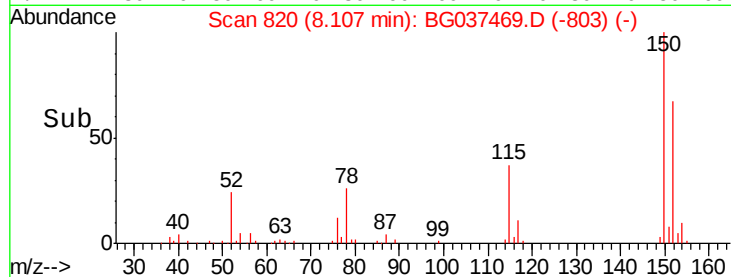
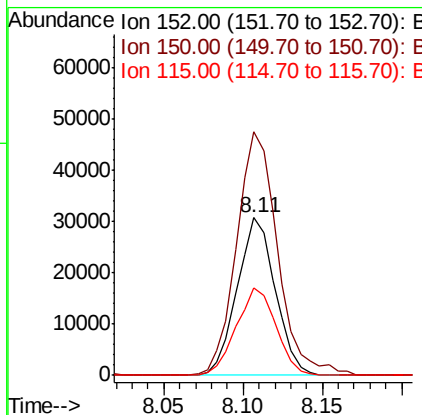
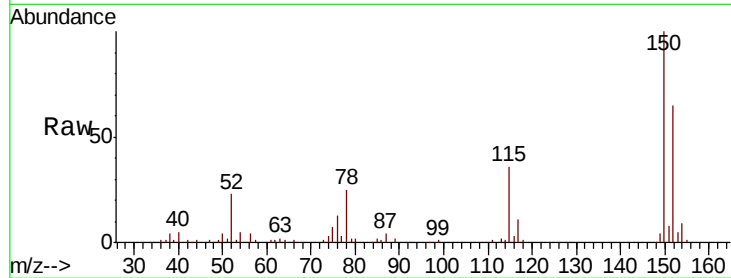
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.0	189.0
115	55.4	45.5	68.3

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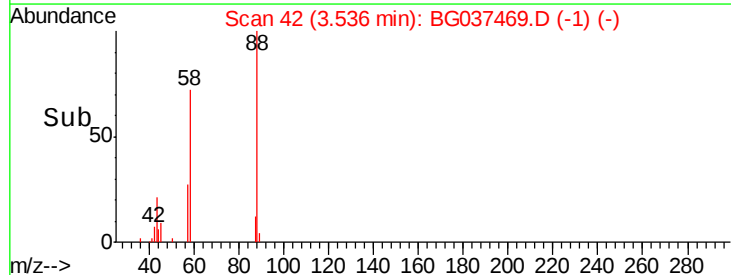
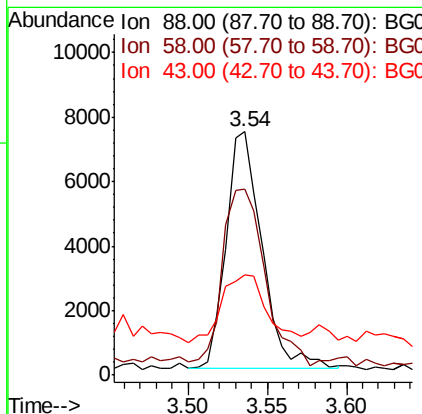
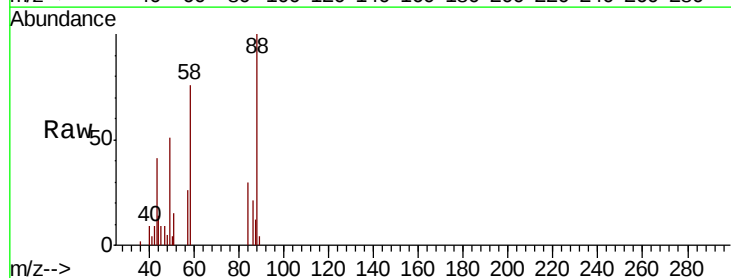
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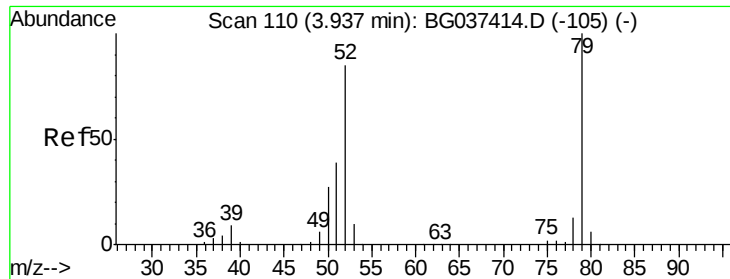


#2

1,4-Dioxane
Concen: 7.375 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	74.4	111.6
43	36.4	25.8	38.8





#3

Pyridine

Concen: 7.645 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

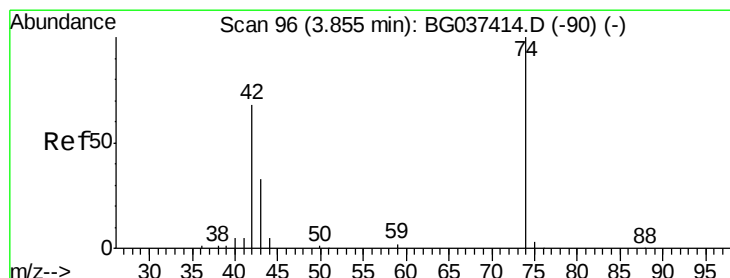
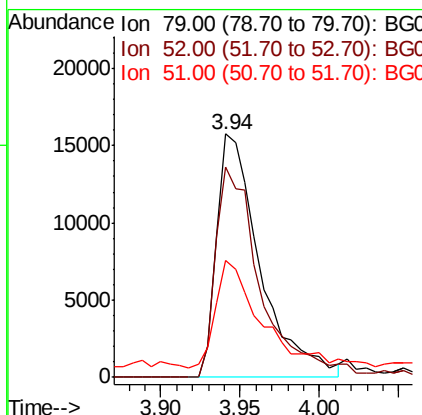
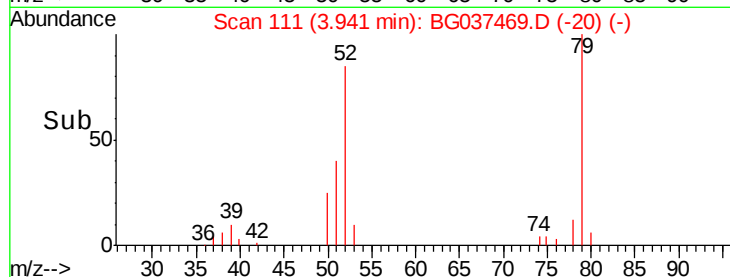
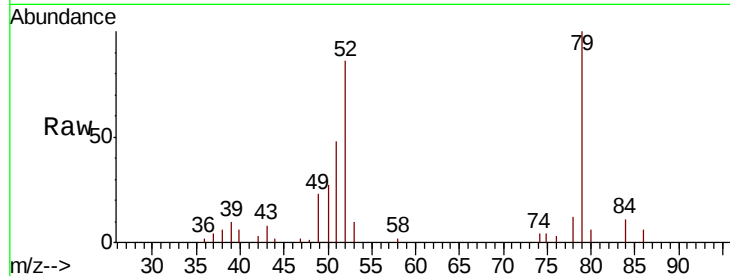
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	79	Resp:	30019
Ion	Ratio	Lower	Upper
79	100		
52	86.4	74.2	111.2
51	48.2	34.6	51.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 8.494 ng

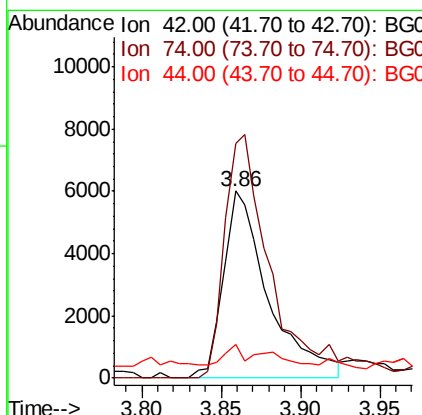
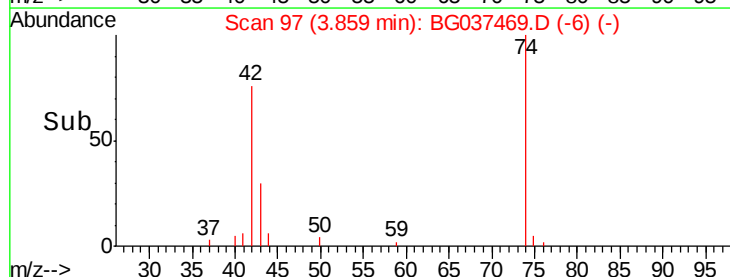
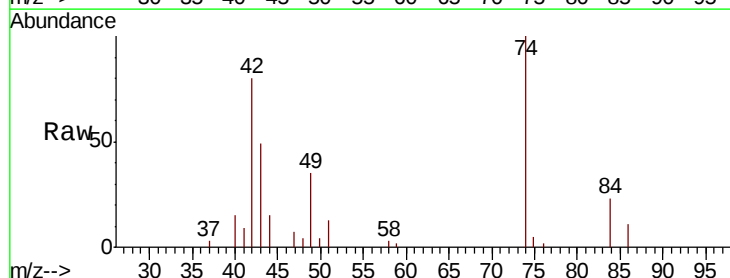
RT: 3.86 min Scan# 97

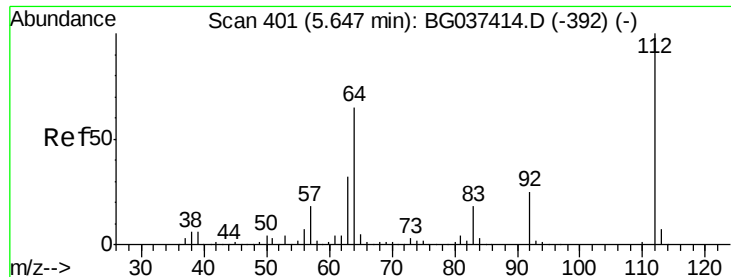
Delta R.T. 0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	42	Resp:	11880
Ion	Ratio	Lower	Upper
42	100		
74	125.2	102.0	153.0
44	18.2	9.6	14.4#





#5

2-Fluorophenol

Concen: 147.098 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

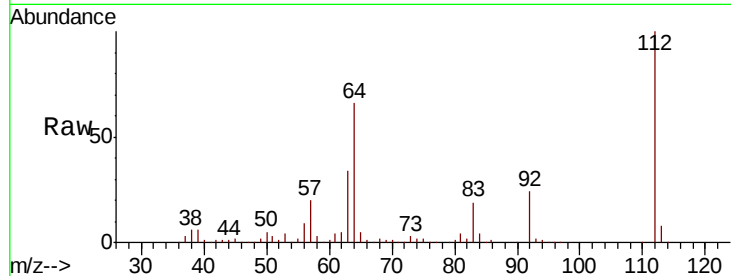
ClientSampleId :

MDL-WATER-03-QT4-2018

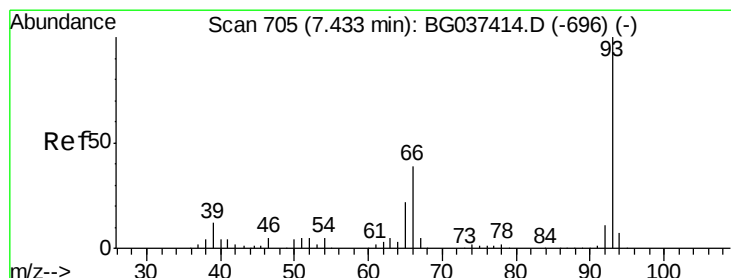
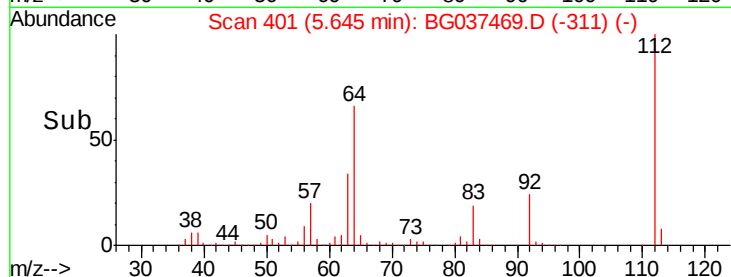
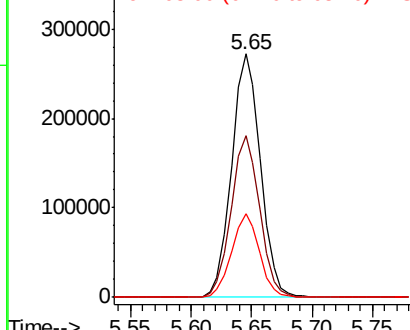
Tgt Ion:	112	Resp:	451873
Ion Ratio	Lower	Upper	
112	100		
64	66.3	53.1	79.7
63	34.4	27.3	40.9

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



#6

Aniline

Concen: 6.845 ng

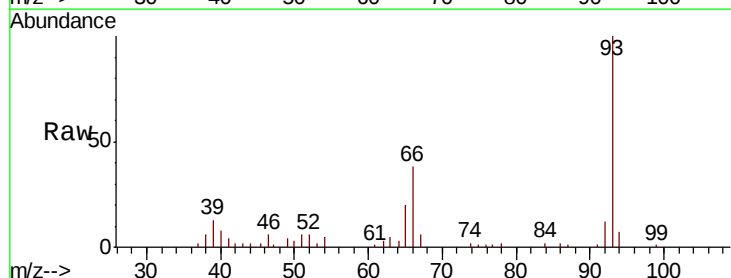
RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

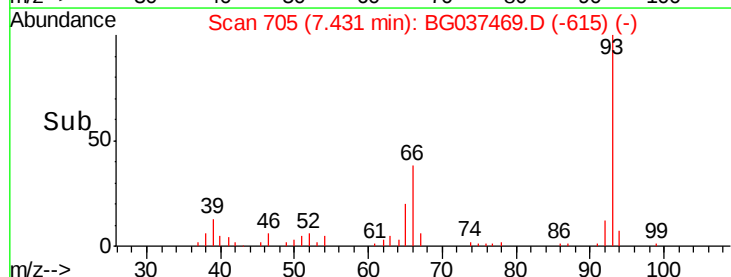
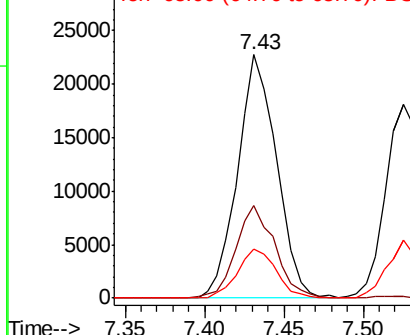
Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	93	Resp:	38787
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.8	49.2
65	20.2	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: 141.722 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

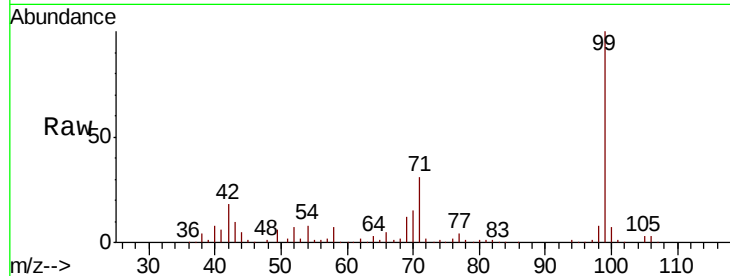
ClientSampleId :

MDL-WATER-03-QT4-2018

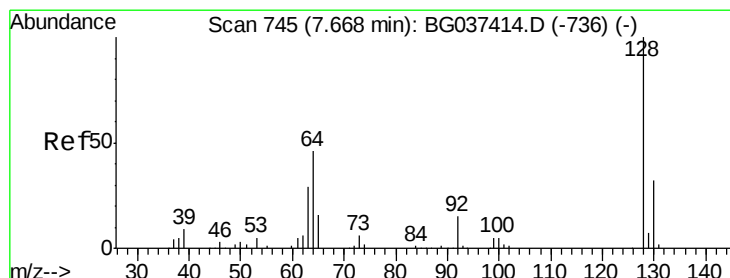
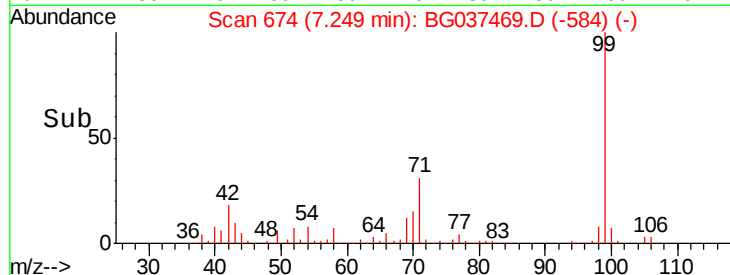
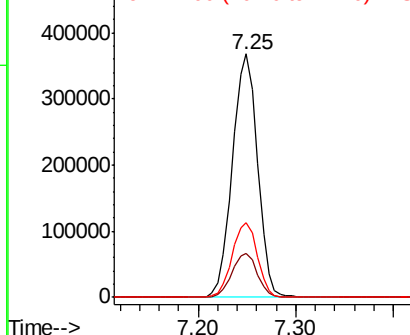
Tgt Ion:	99	Resp:	658319
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	30.7	25.5	38.3

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



#8

2-Chlorophenol

Concen: 8.195 ng

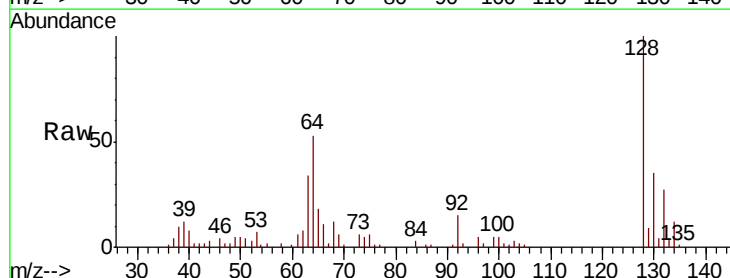
RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

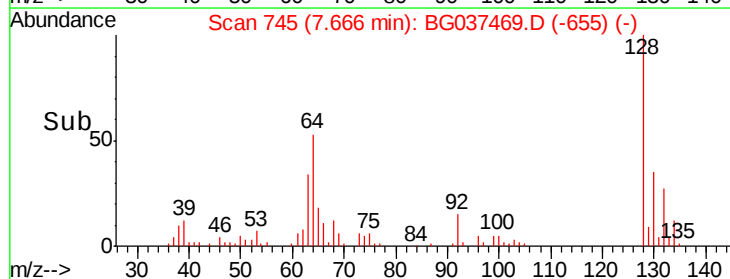
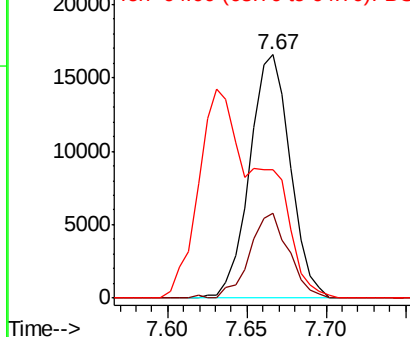
Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	128	Resp:	29449
Ion	Ratio	Lower	Upper
128	100		
130	34.7	12.0	52.0
64	52.7	32.9	72.9



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





#9

Benzaldehyde

Concen: 8.157 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

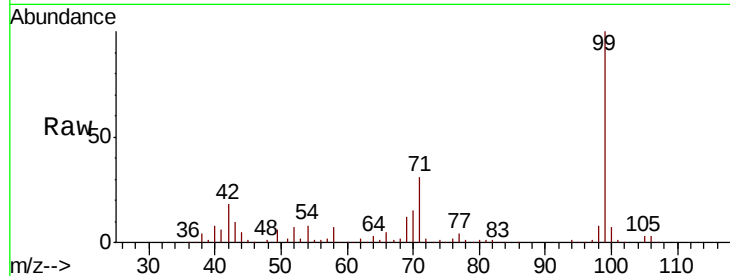
ClientSampleId :

MDL-WATER-03-QT4-2018

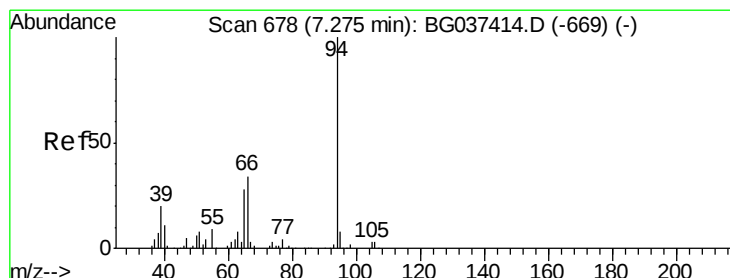
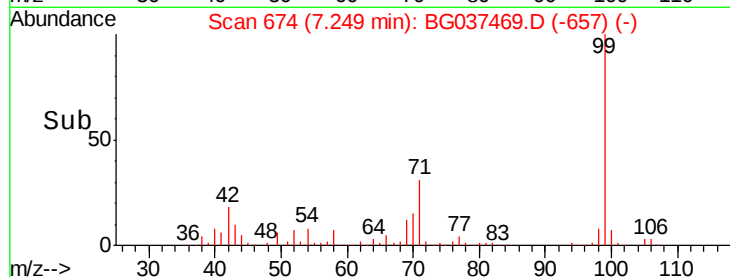
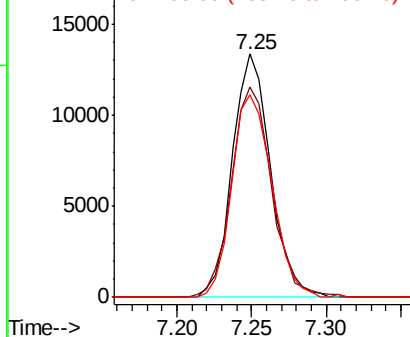
Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.3	72.6	112.6
106	83.2	71.3	111.3

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



#10

Phenol

Concen: 8.510 ng

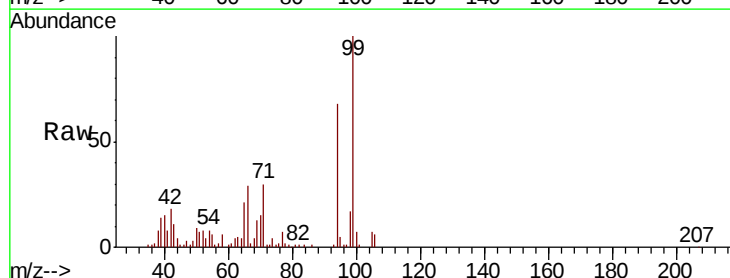
RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

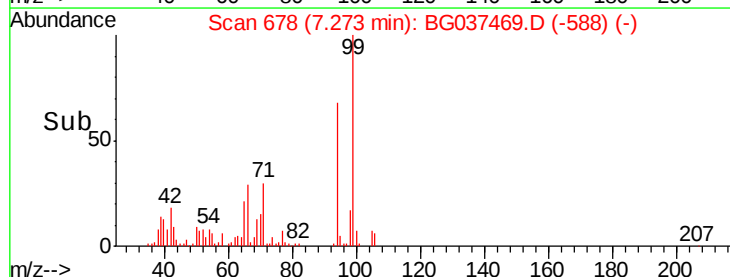
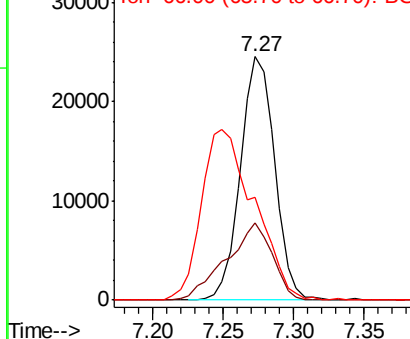
Lab File: BG037469.D

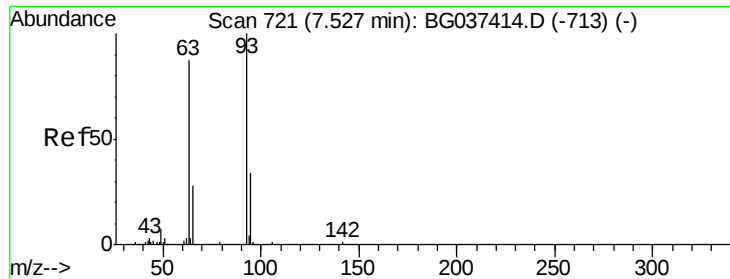
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.7	49.7
66	42.4	15.9	55.9



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





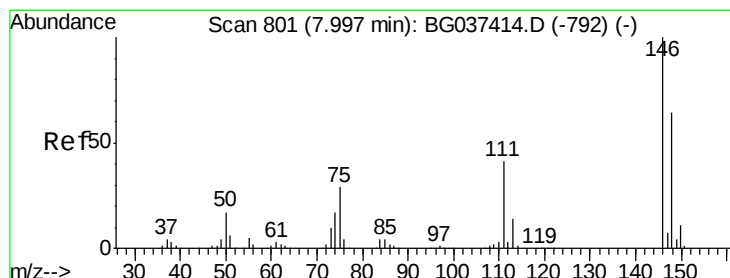
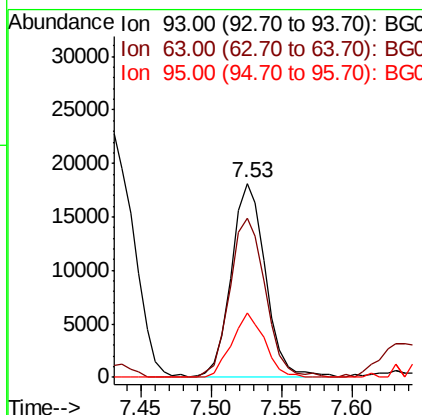
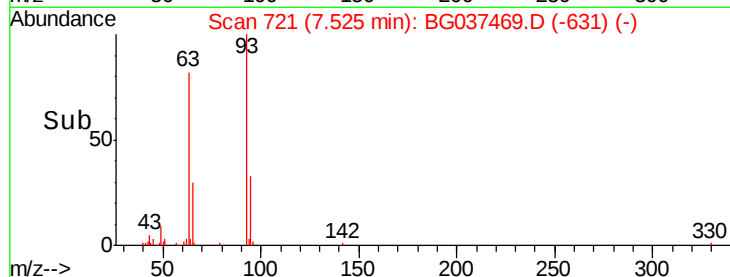
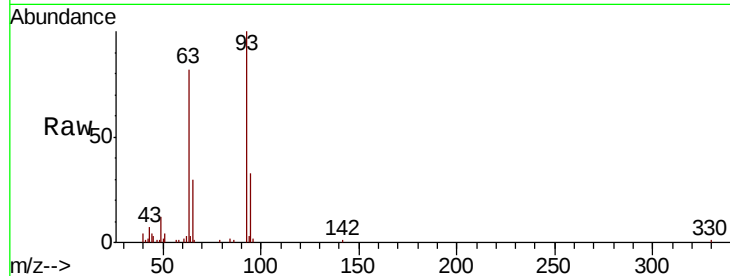
#11
 bis(2-Chloroethyl)ether
 Concen: 8.236 ng
 RT: 7.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	30658		
63	82.4	69.5	109.5	
95	33.0	12.6	52.6	

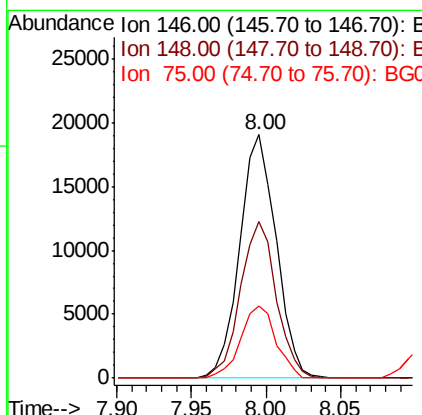
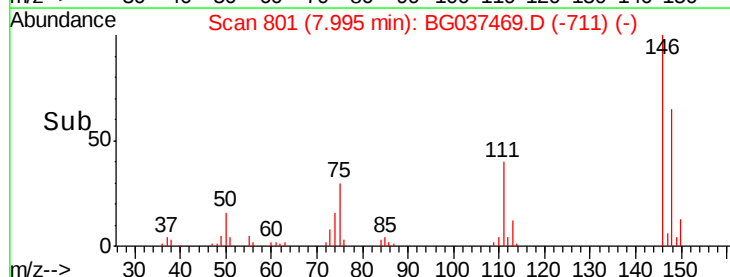
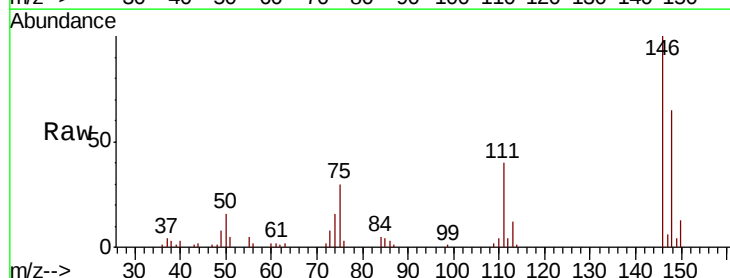
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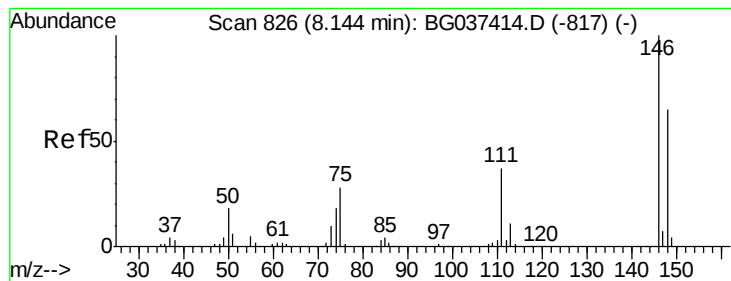
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 8.059 ng
 RT: 8.00 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	32242		
148	64.6	49.8	74.8	
75	29.9	23.2	34.8	





#13

1,4-Dichlorobenzene

Concen: 7.882 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

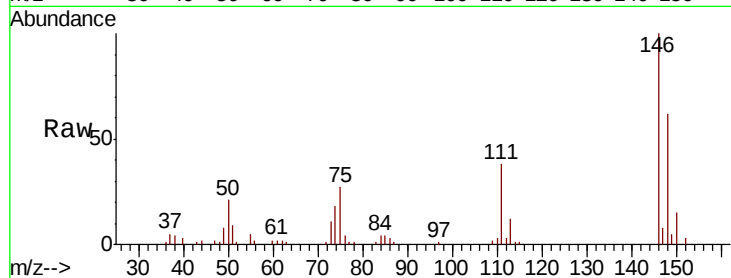
ClientSampleId :

MDL-WATER-03-QT4-2018

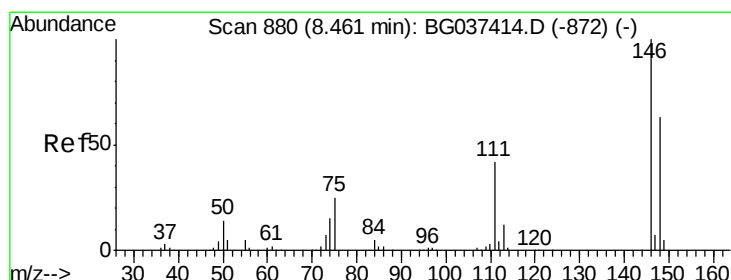
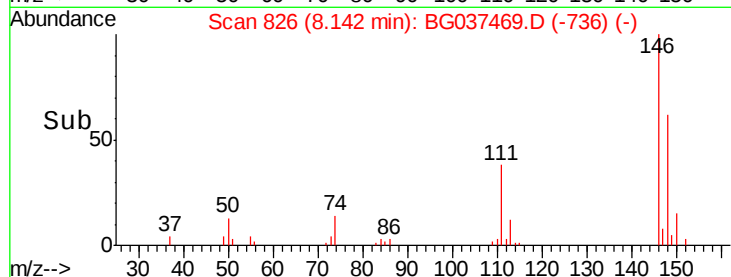
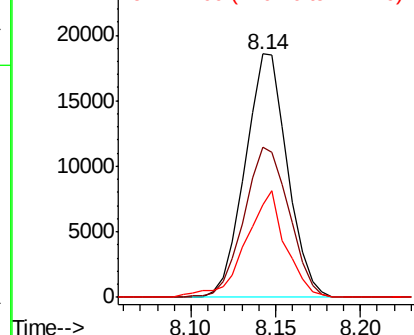
Tgt Ion:	146	Resp:	32257
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.0	76.6
111	37.9	32.4	48.6

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



#14

1,2-Dichlorobenzene

Concen: 8.088 ng

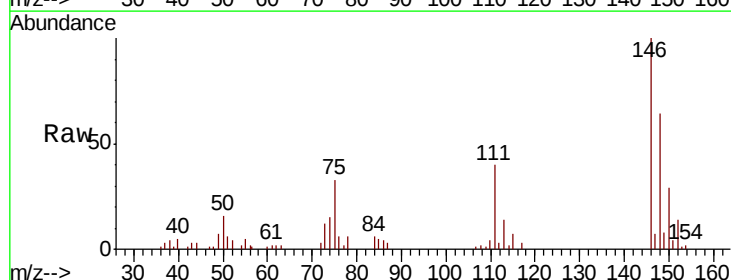
RT: 8.47 min Scan# 881

Delta R.T. 0.00 min

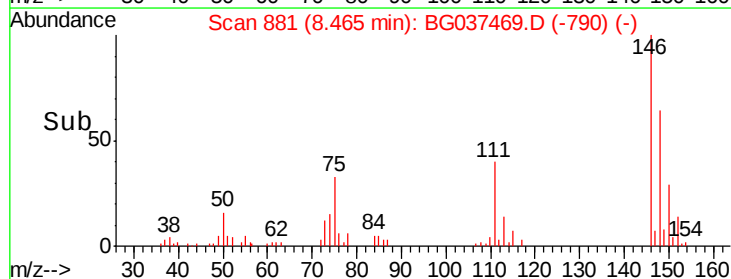
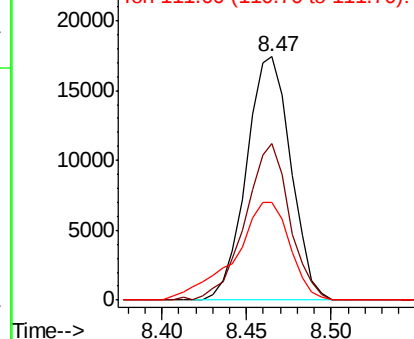
Lab File: BG037469.D

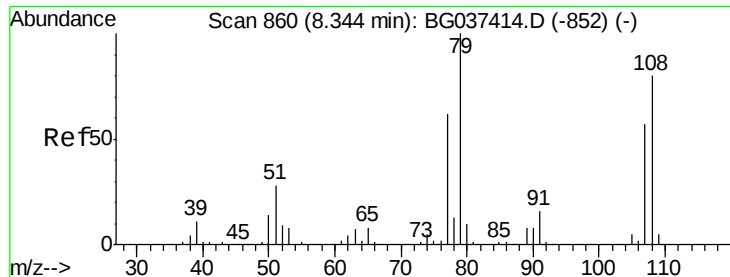
Acq: 20 Oct 2018 3:01

Tgt Ion:	146	Resp:	31840
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.4	75.6
111	40.3	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 7.457 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

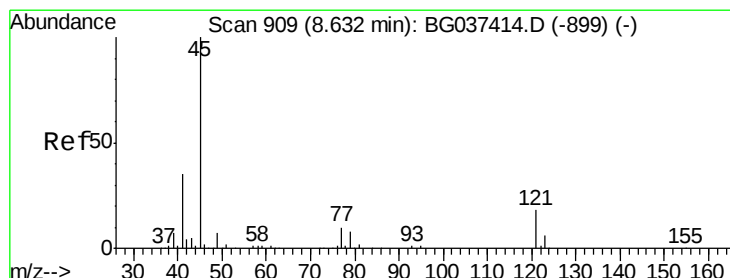
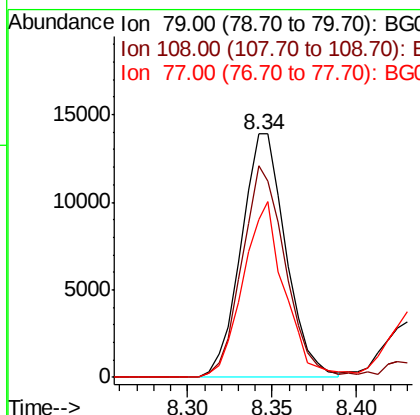
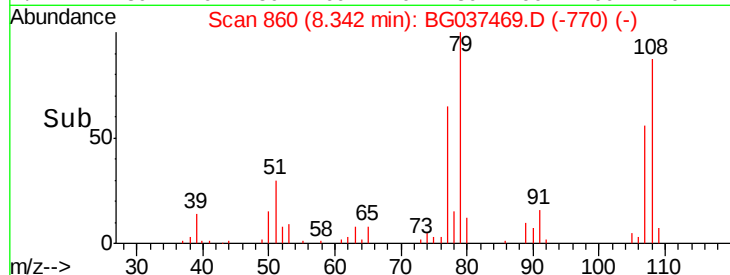
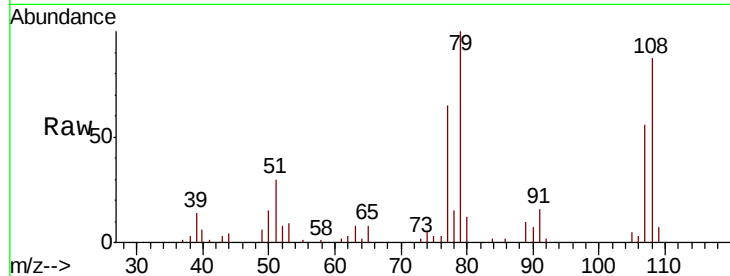
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	79	Resp:	25593
Ion	Ratio	Lower	Upper
79	100		
108	87.0	65.8	98.8
77	64.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.210 ng

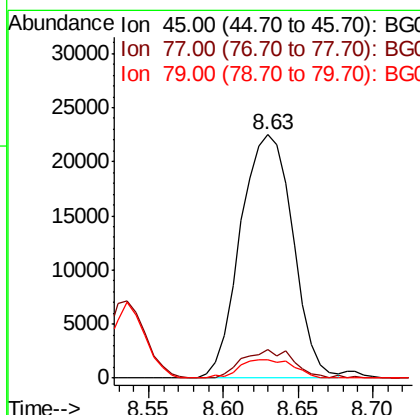
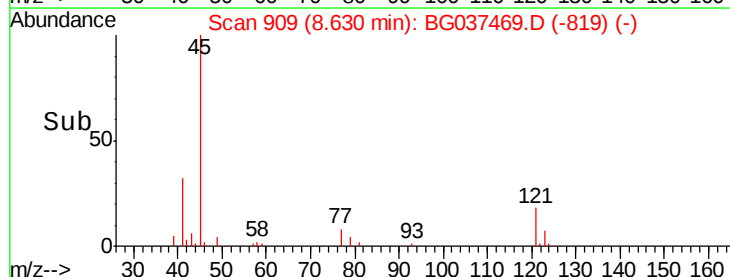
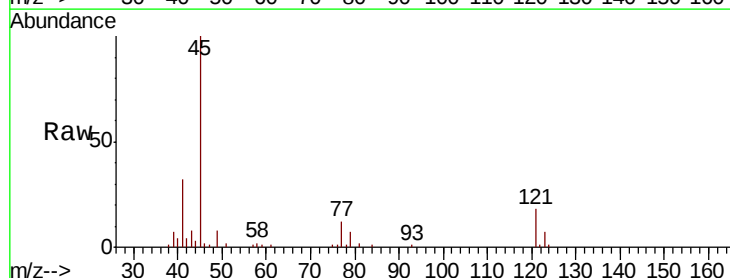
RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	45	Resp:	54685
Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	30.0
79	7.4	0.0	29.0





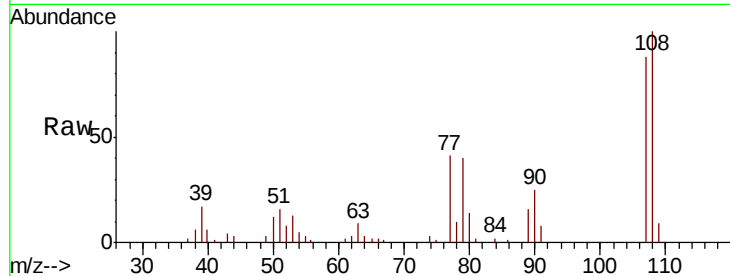
#17
2-Methylphenol
Concen: 8.101 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	26248		
108	113.5	87.9	131.9	
77	46.2	35.1	52.7	
79	45.8	34.5	51.7	

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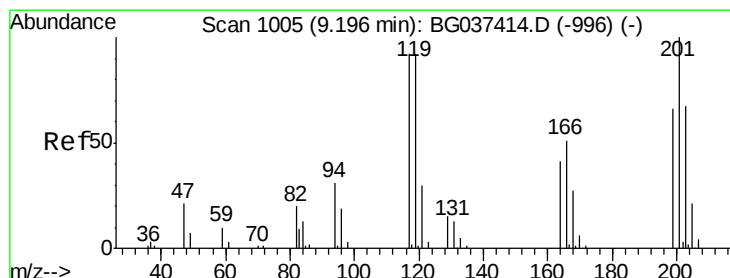
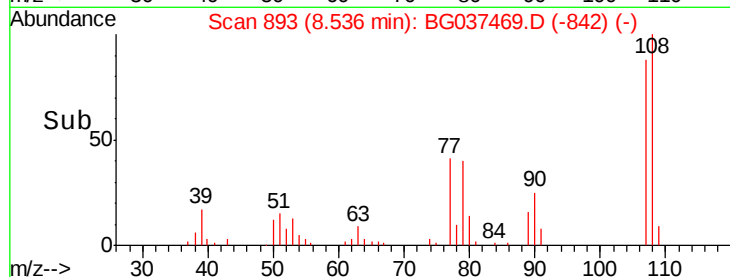
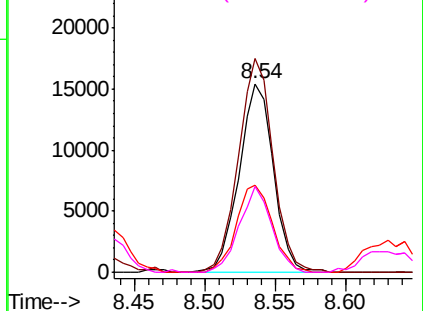
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 8.474 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

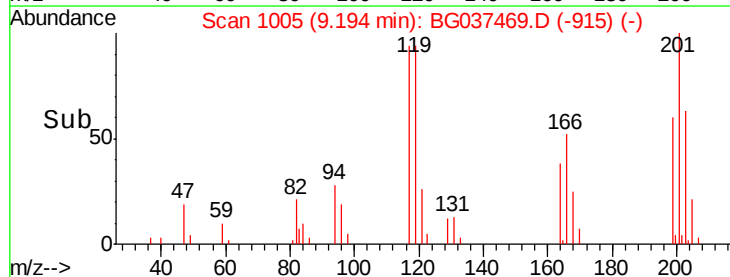
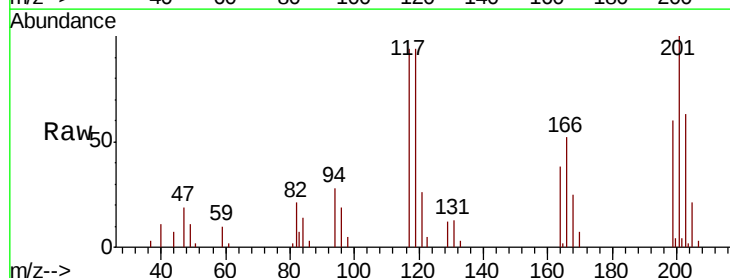
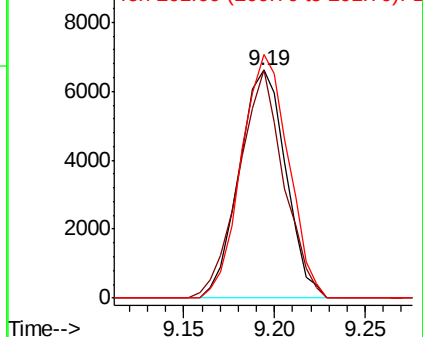
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	11822		
119	100.3	74.6	111.8	
201	110.6	80.8	121.2	

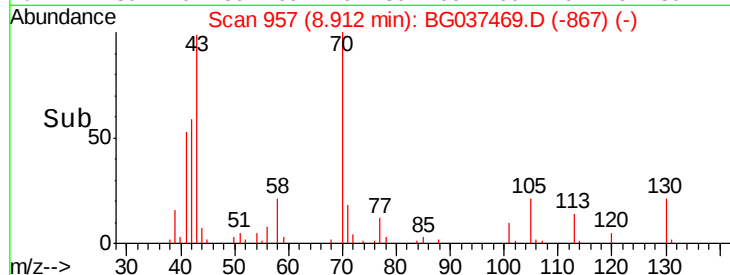
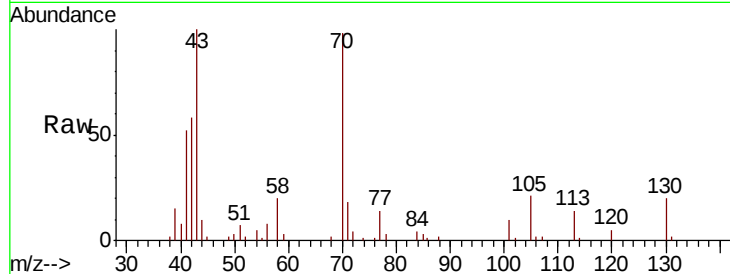
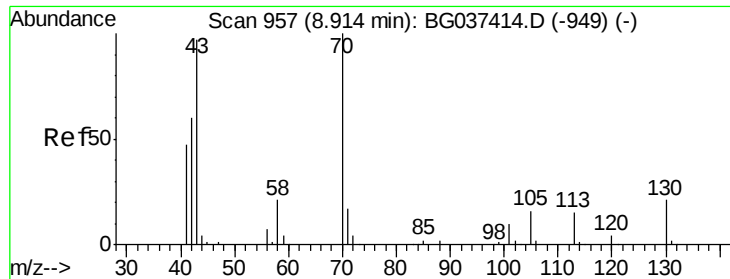
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





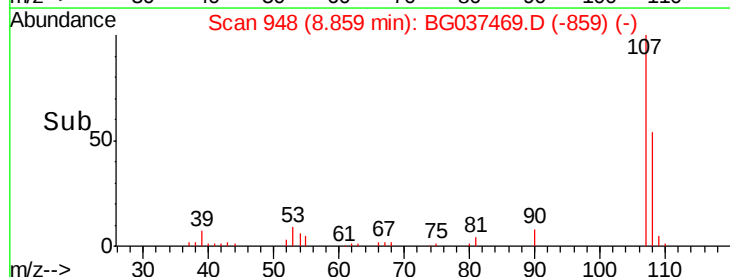
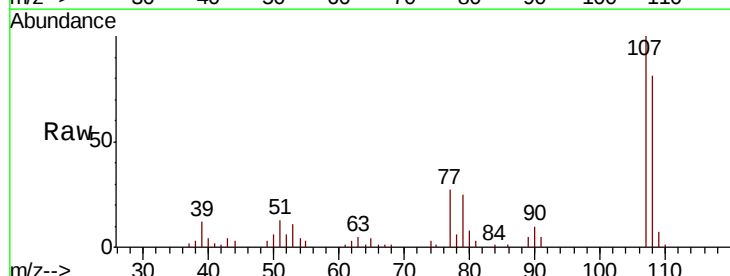
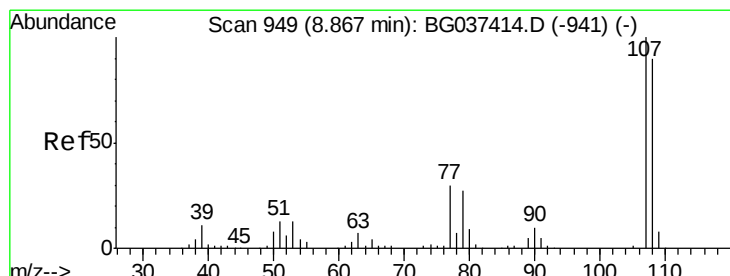
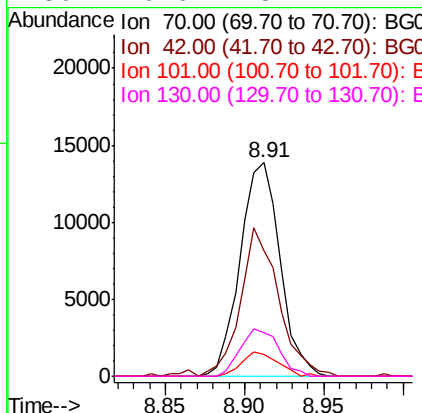
#19
n-Nitroso-di-n-propylamine
Concen: 7.594 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.8	53.9	80.9
101	10.5	8.2	12.2
130	20.6	18.2	27.4

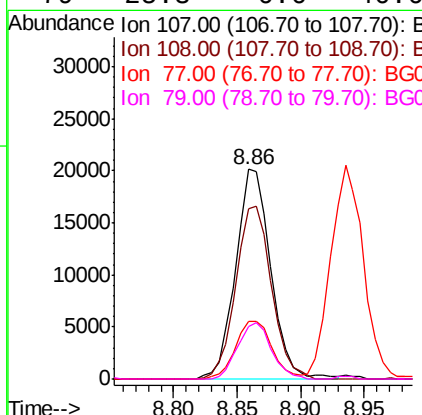
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#20
3+4-Methylphenols
Concen: 8.317 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.1	69.9	109.9
77	27.5	11.2	51.2
79	25.3	6.6	46.6





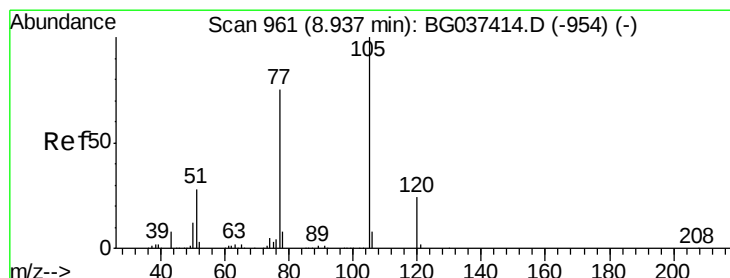
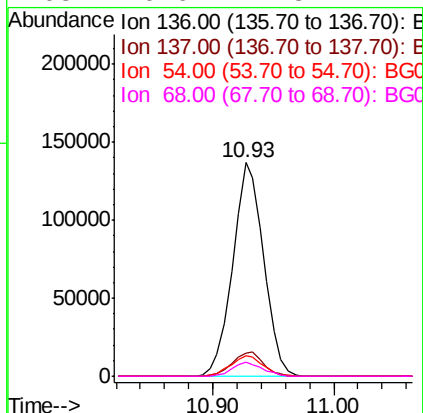
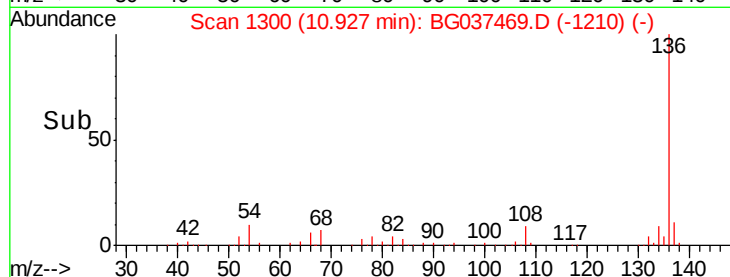
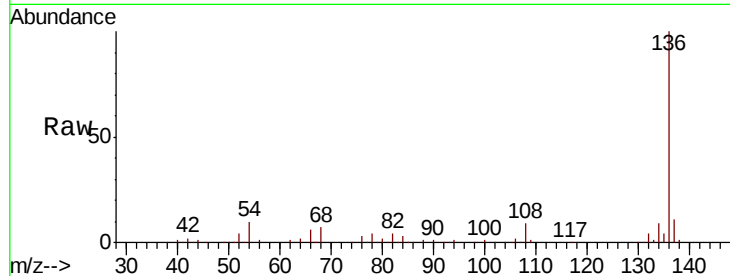
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	243346		
137	10.9	9.6	14.4	
54	9.7	7.9	11.9	
68	6.6	4.8	7.2	

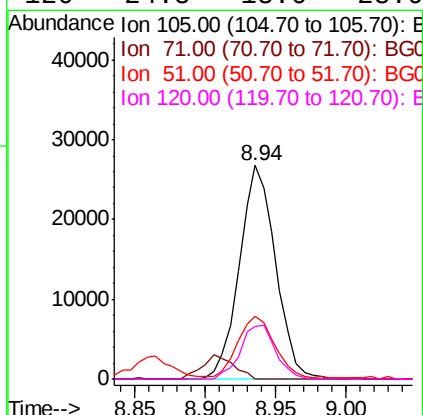
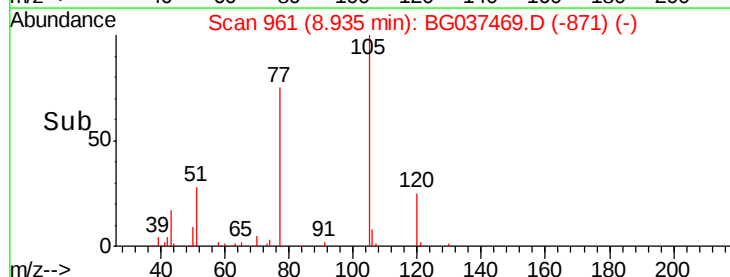
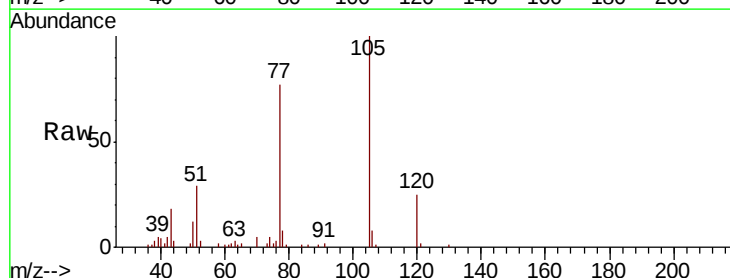
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#22
Acetophenone
Concen: 7.854 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	47933		
71	0.0	1.2	1.8#	
51	29.2	25.0	37.6	
120	24.5	18.6	28.0	





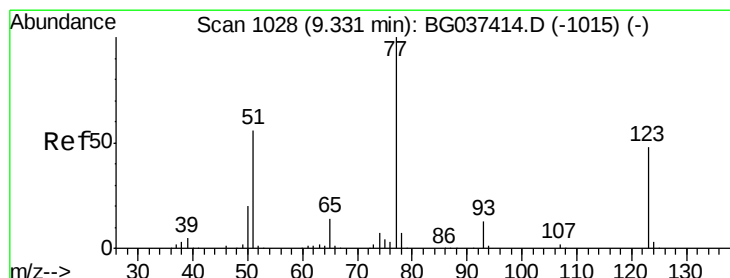
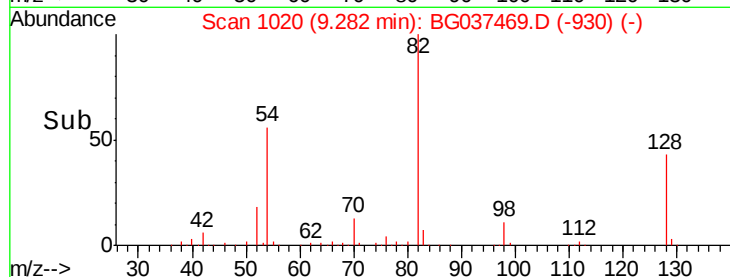
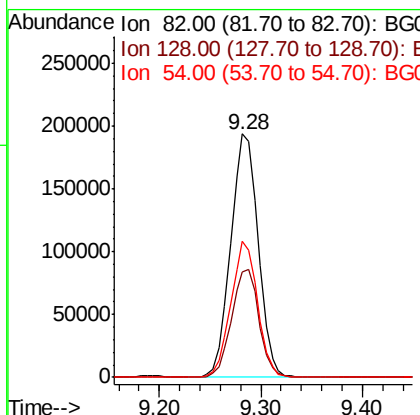
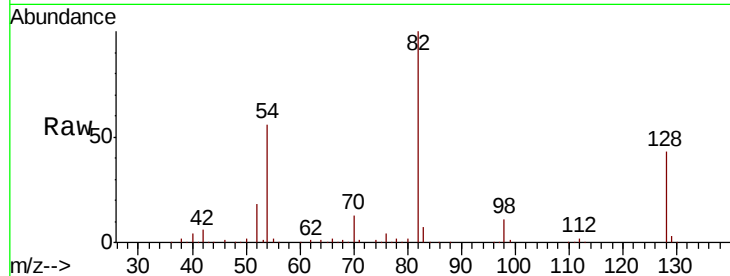
#23
 Nitrobenzene-d5
 Concen: 83.930 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	364591		
128	43.3	34.6	51.8	
54	56.1	45.3	67.9	

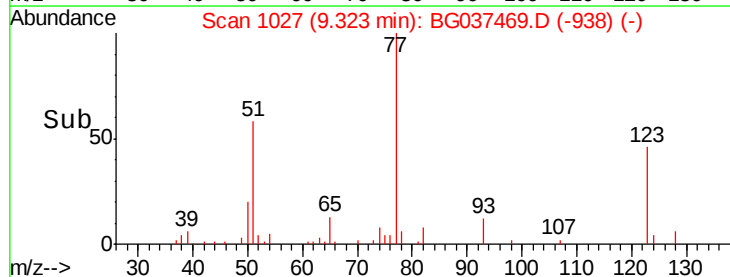
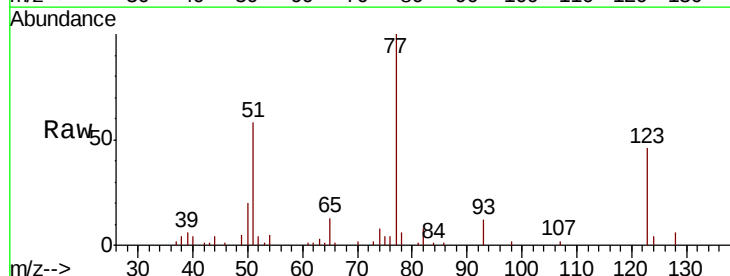
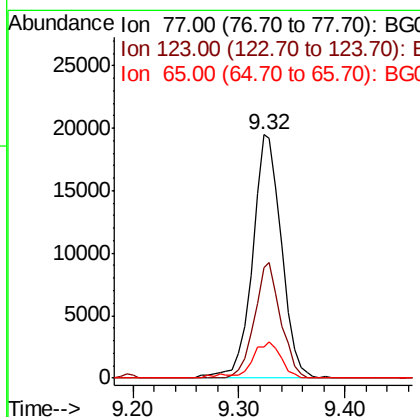
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#24
 Nitrobenzene
 Concen: 8.234 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	37160		
123	45.6	33.6	50.4	
65	12.8	11.3	16.9	





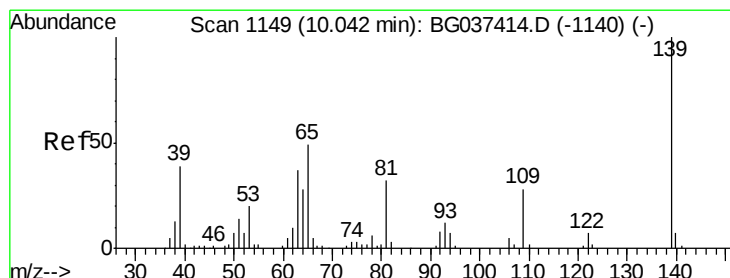
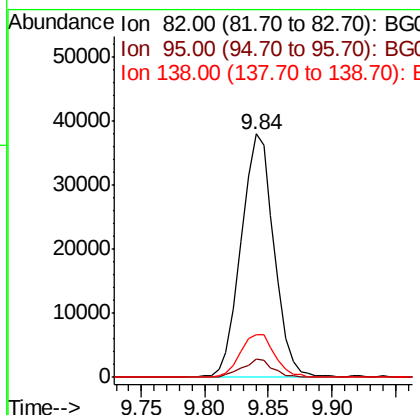
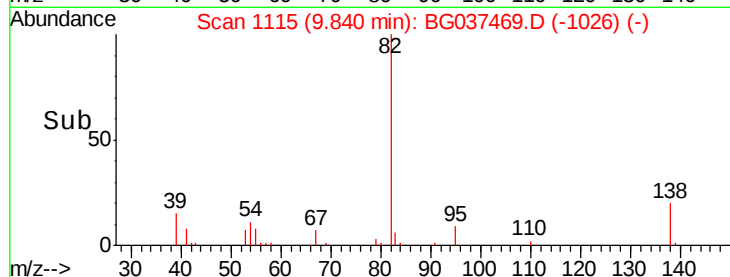
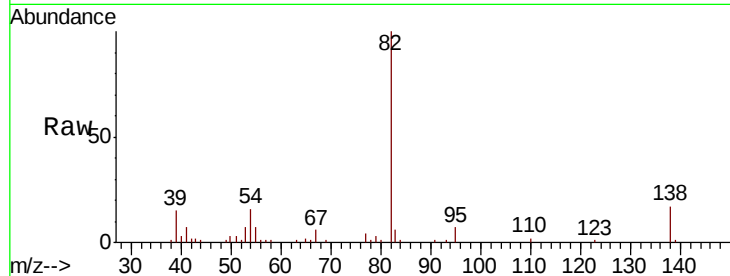
#25
Isophorone
Concen: 8.620 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	68419		
95	7.5	5.3	7.9	
138	17.3	13.3	19.9	

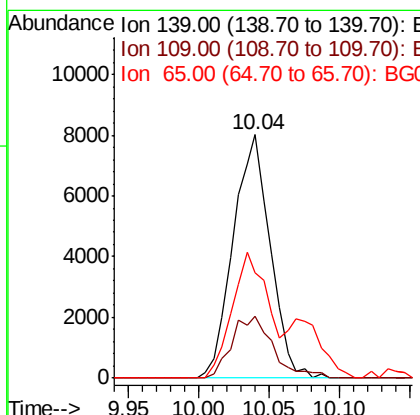
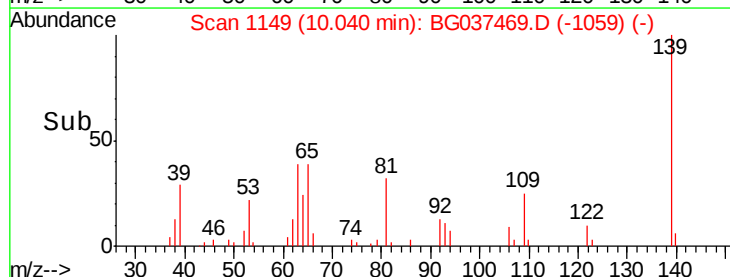
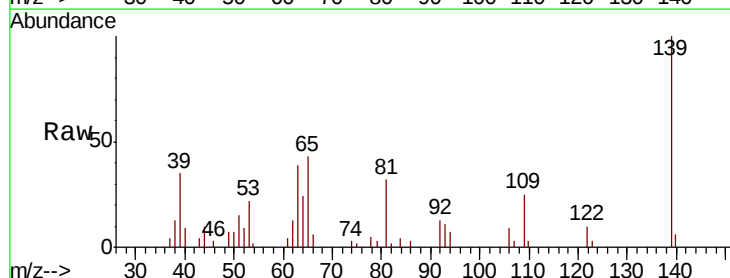
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#26
2-Nitrophenol
Concen: 7.226 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	14691		
109	25.4	23.3	34.9	
65	43.4	39.8	59.8	





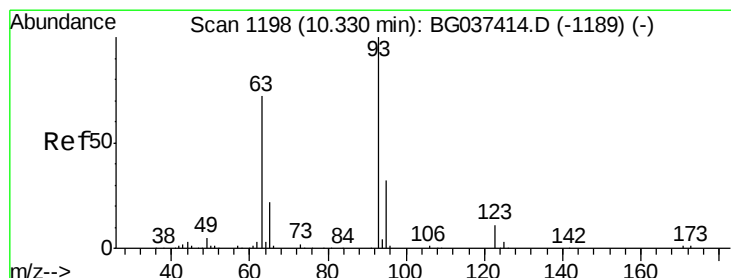
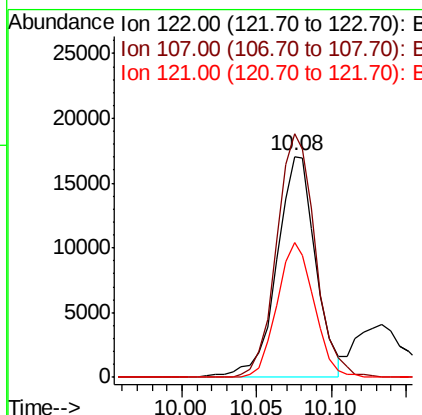
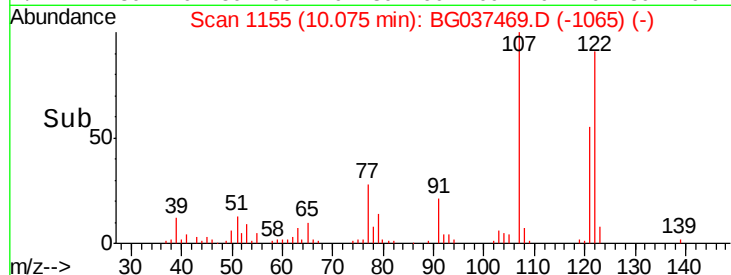
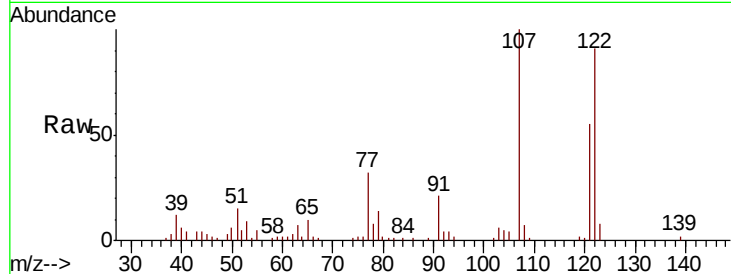
#27
 2,4-Dimethylphenol
 Concen: 8.527 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion:	122	Resp:	30950
Ion Ratio	Lower	Upper	
122	100		
107	110.3	94.2	141.2
121	61.1	47.3	70.9

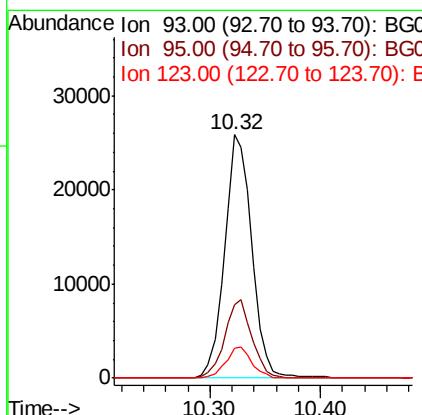
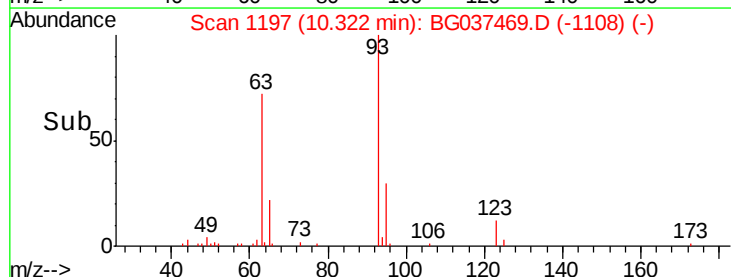
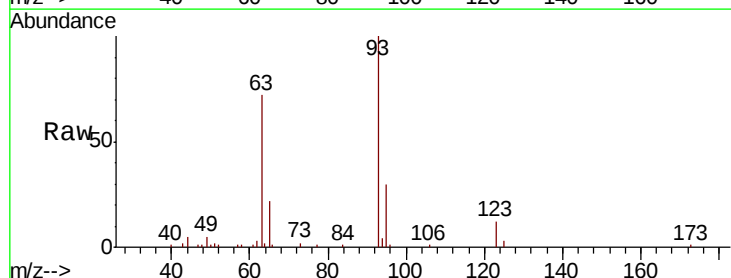
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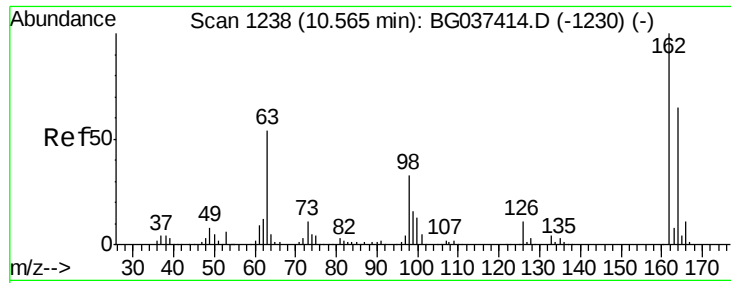
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 8.575 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:	93	Resp:	44591
Ion Ratio	Lower	Upper	
93	100		
95	30.2	24.6	37.0
123	12.2	9.1	13.7





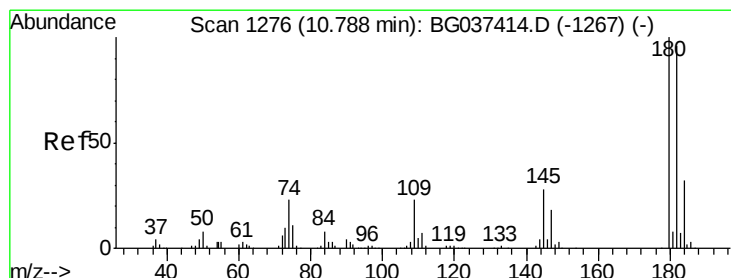
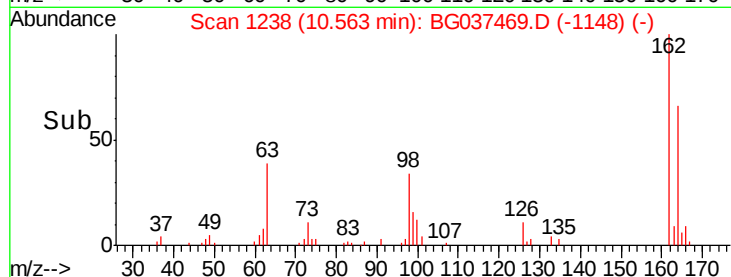
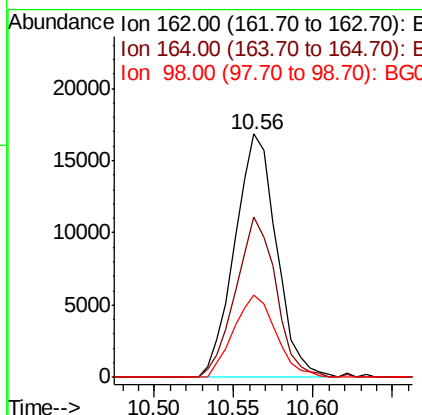
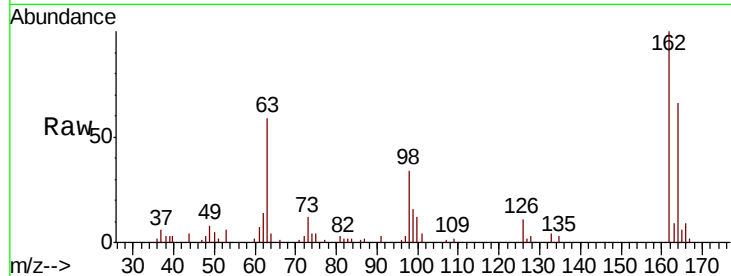
#29
2,4-Dichlorophenol
Concen: 7.617 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	30782		
164	66.0	43.2	83.2	
98	33.7	16.0	56.0	

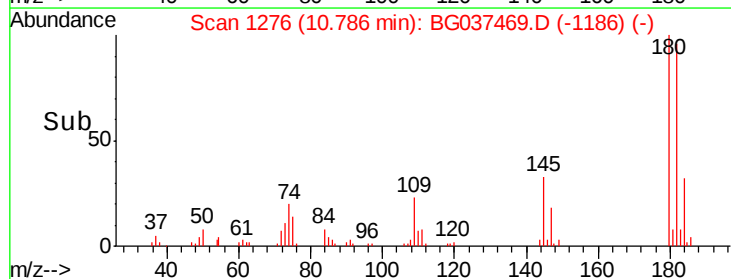
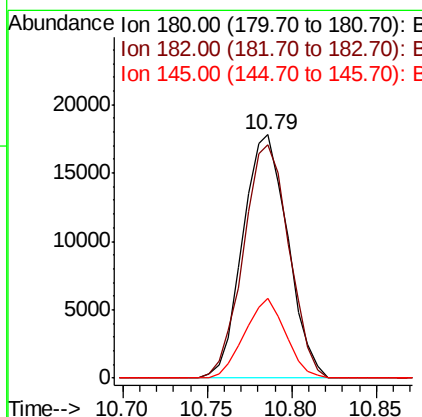
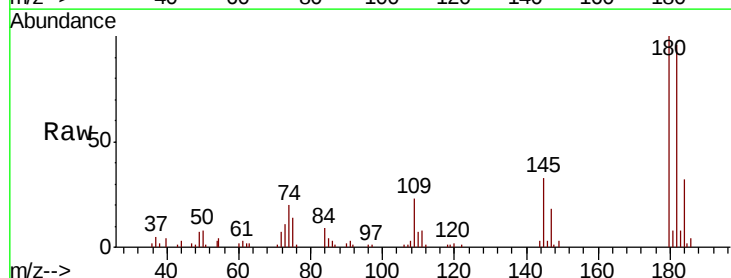
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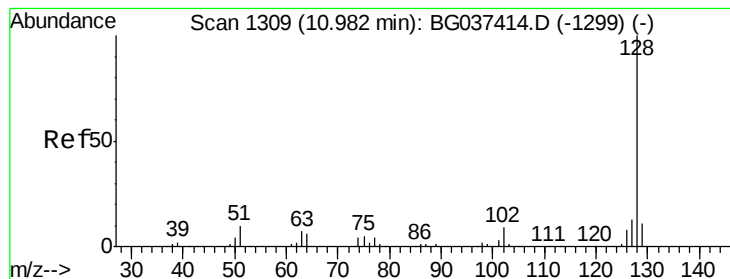
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 7.489 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	32915		
182	96.0	77.7	116.5	
145	32.7	23.3	34.9	





#31

Naphthalene

Concen: 8.785 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG037469.D

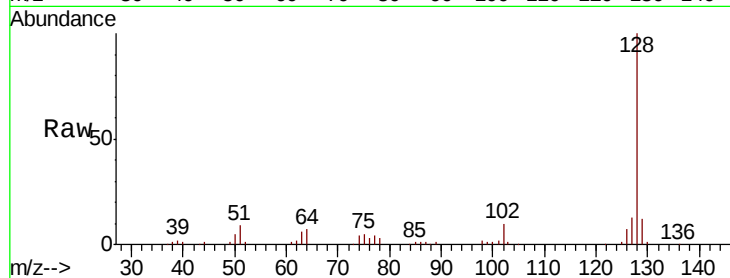
Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

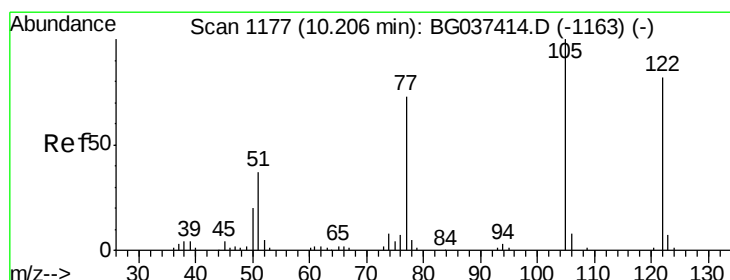
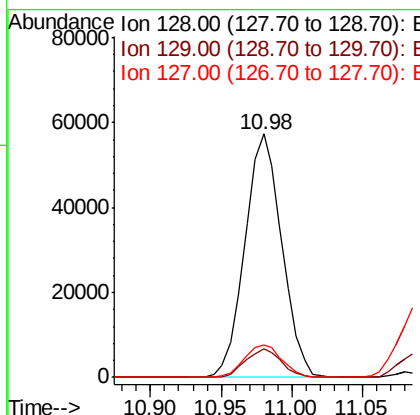
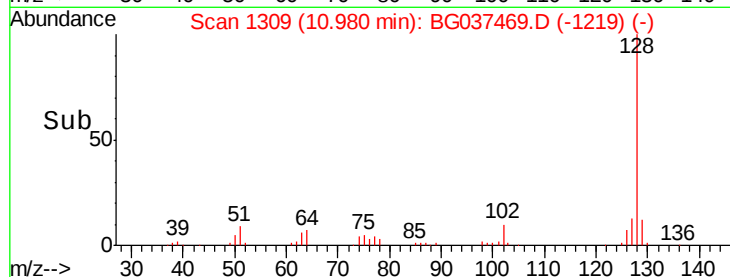
MDL-WATER-03-QT4-2018



Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.0	13.6	
127	13.5	11.1	16.7	

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#32

Benzoic acid

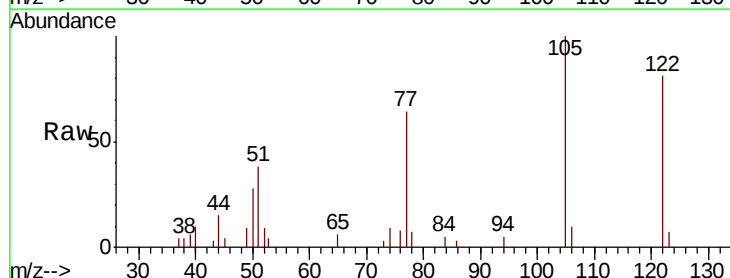
Concen: 4.658 ng m

RT: 10.13 min Scan# 1165

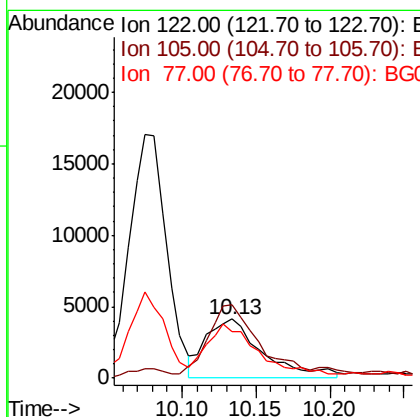
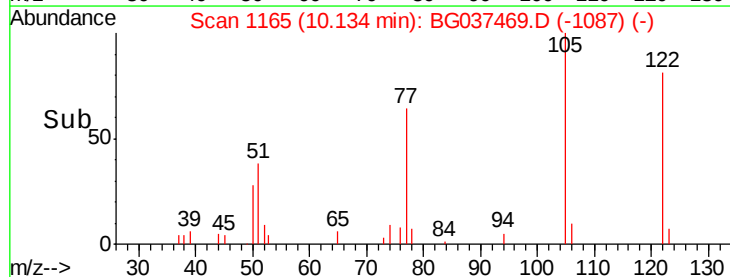
Delta R.T. -0.07 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01



Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.9	106.7	146.7	
77	79.4	72.2	112.2	





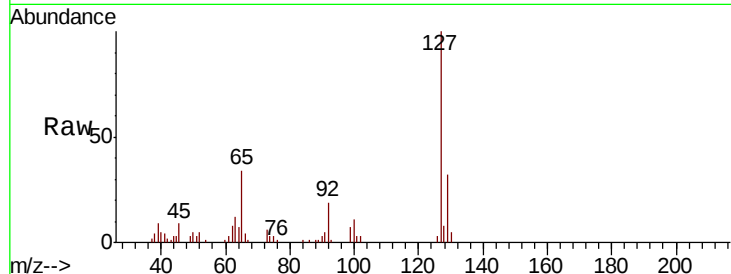
#33
4-Chloroaniline
Concen: 6.036 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	27.1	40.7	
65	34.3	26.6	39.8	
92	19.3	16.4	24.6	

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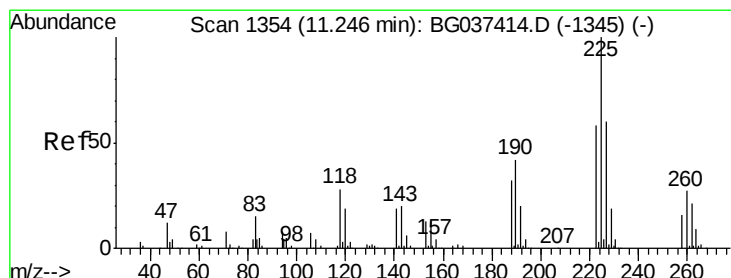
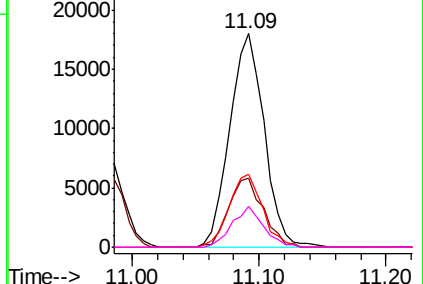
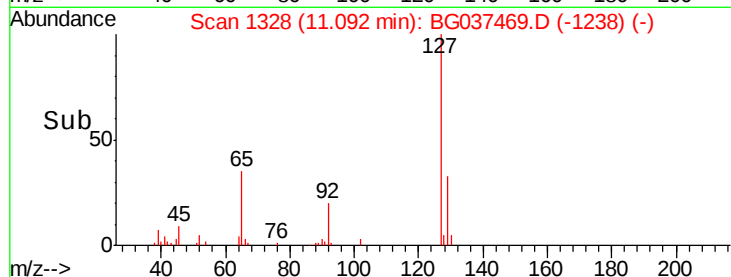
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

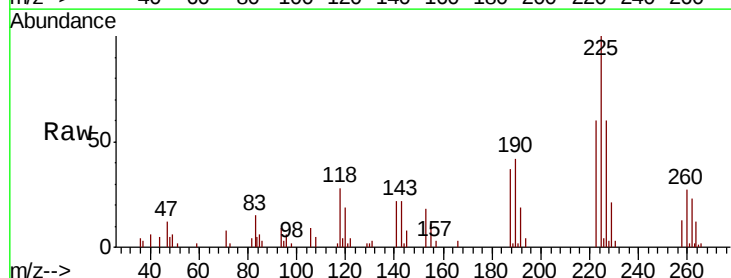
Ion 65.00 (64.70 to 65.70): BGO

Ion 92.00 (91.70 to 92.70): BGO



#34
Hexachlorobutadiene
Concen: 7.365 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.2	48.2	72.4	
227	60.6	51.6	77.4	

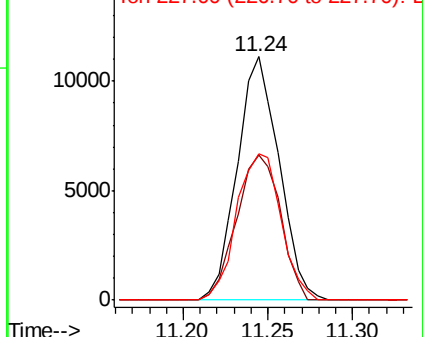
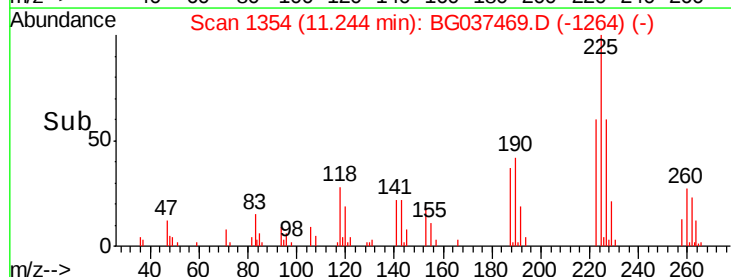


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





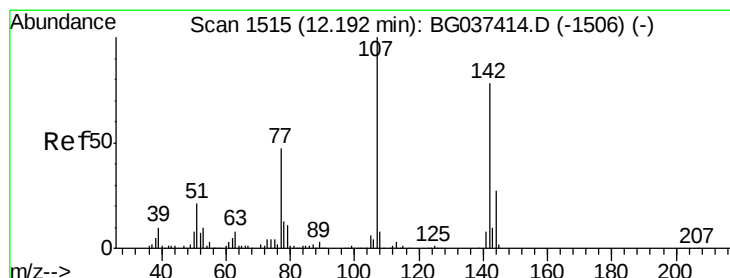
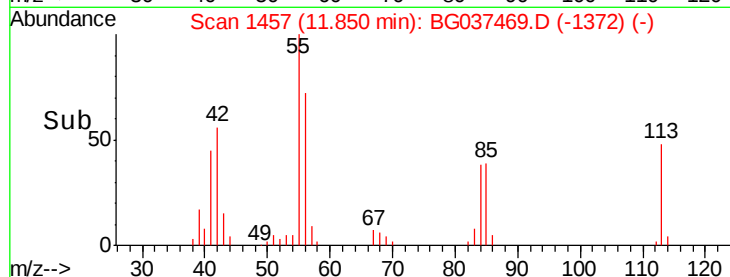
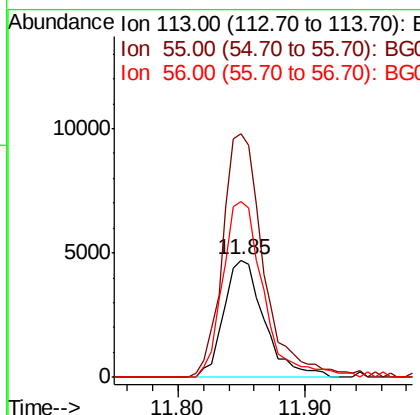
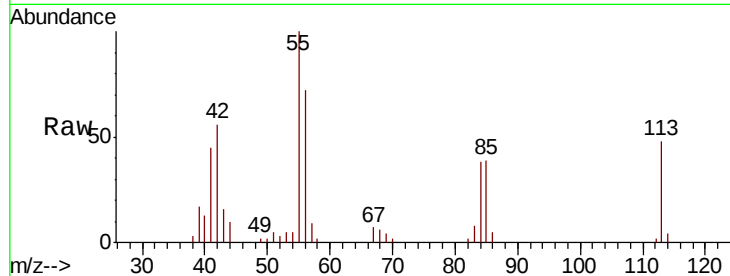
#35
 Caprolactam
 Concen: 6.438 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.03 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion:113 Resp: 10435
 Ion Ratio Lower Upper
 113 100
 55 207.3 176.6 216.6
 56 150.1 128.3 168.3

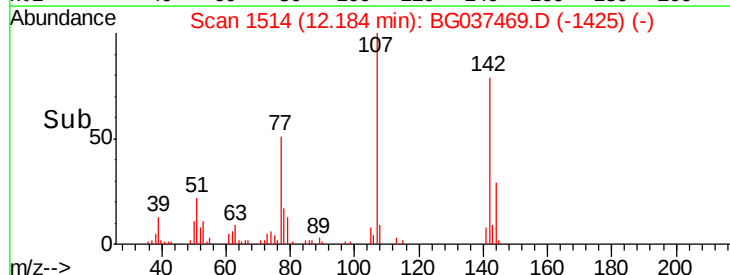
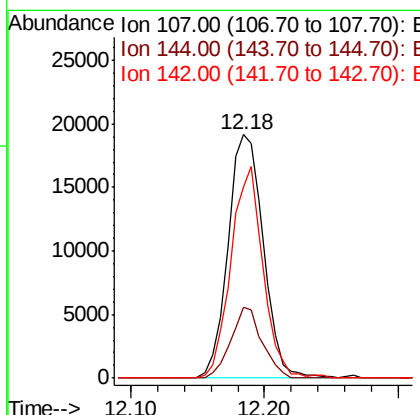
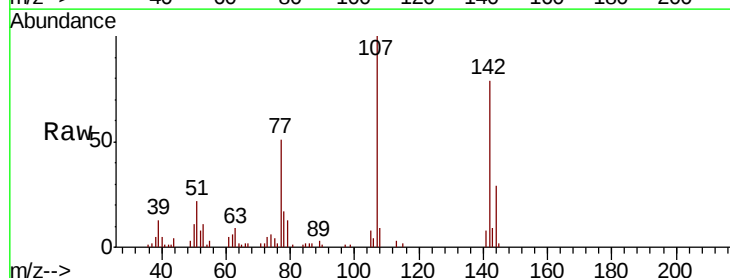
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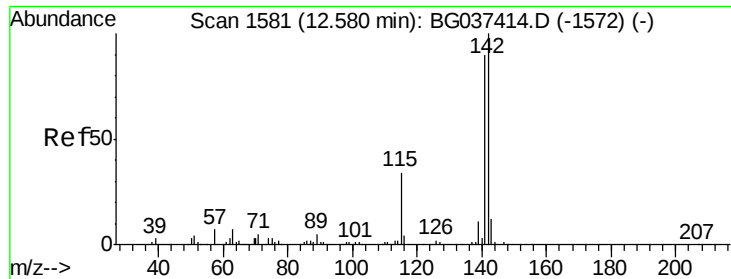
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#36
 4-Chloro-3-methylphenol
 Concen: 7.734 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:107 Resp: 35250
 Ion Ratio Lower Upper
 107 100
 144 29.2 20.7 31.1
 142 78.7 64.4 96.6





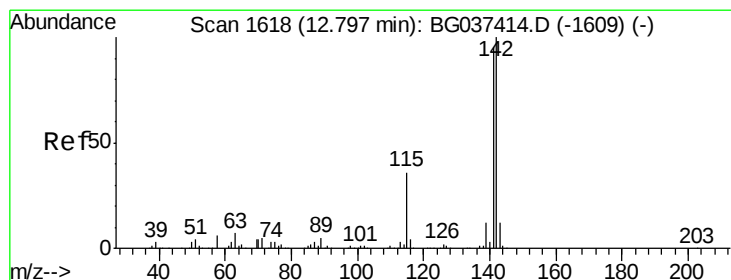
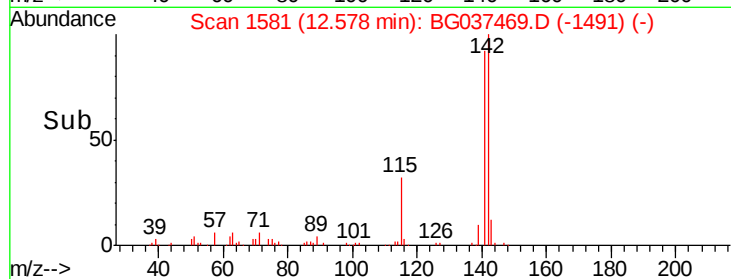
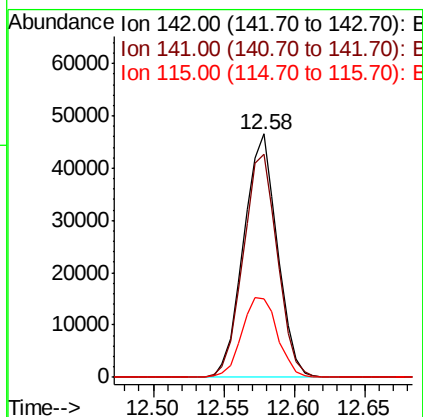
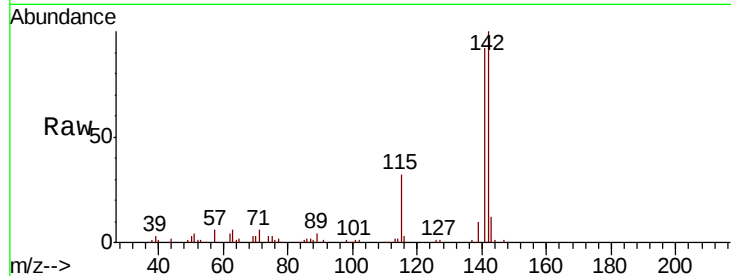
#37
 2-Methylnaphthalene
 Concen: 8.914 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
115	32.5	27.8	41.8

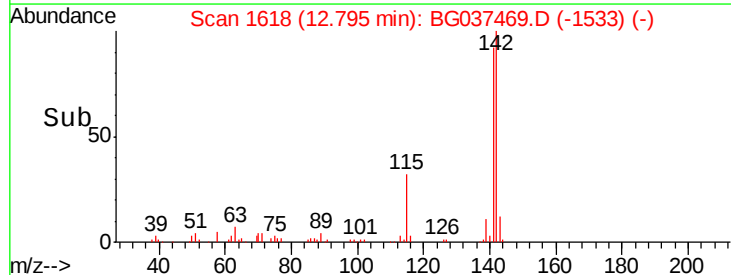
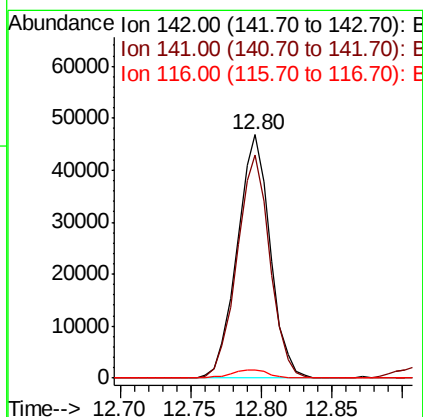
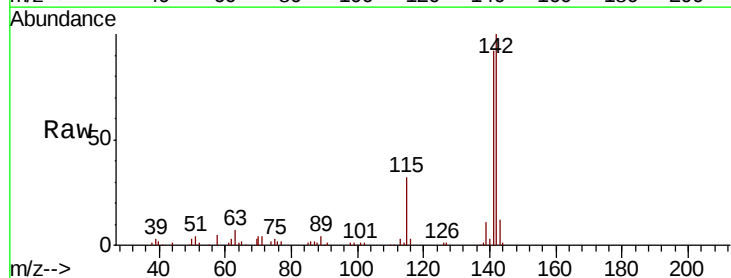
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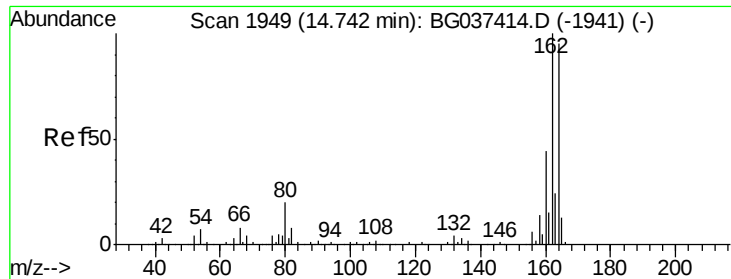
Sohil
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#38
 1-Methylnaphthalene
 Concen: 9.012 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.2	112.8
116	3.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

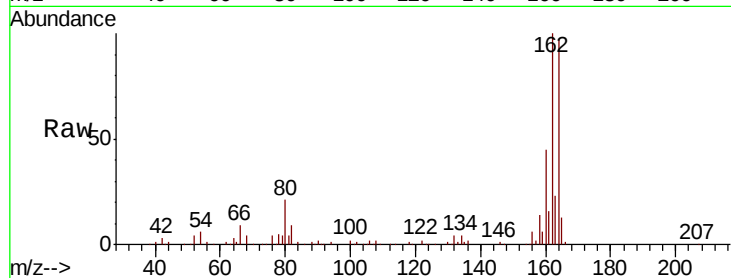
ClientSampleId :

MDL-WATER-03-QT4-2018

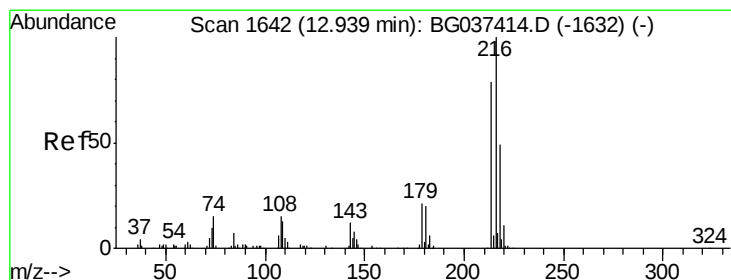
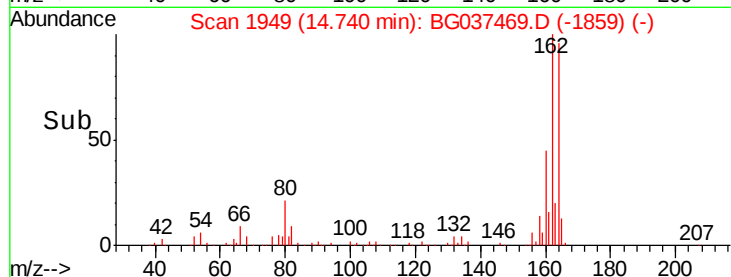
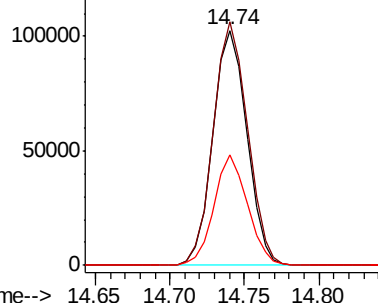
Tgt Ion:	164	Resp:	162001
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.3	121.9
160	46.8	36.3	54.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.572 ng

RT: 12.94 min Scan# 1642

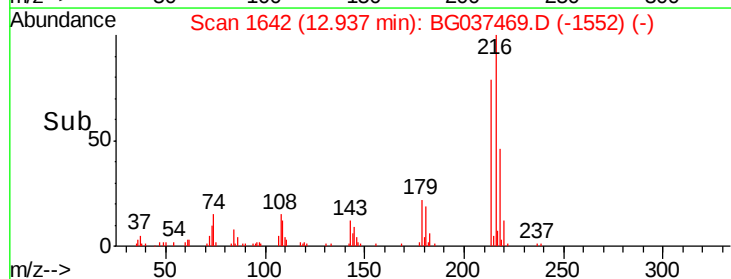
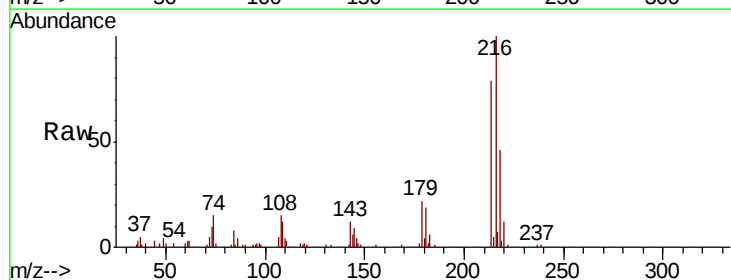
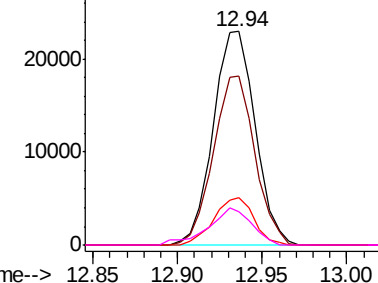
Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	216	Resp:	39569
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.8	95.6
179	21.2	17.4	26.0
108	17.8	13.9	20.9

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.221 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

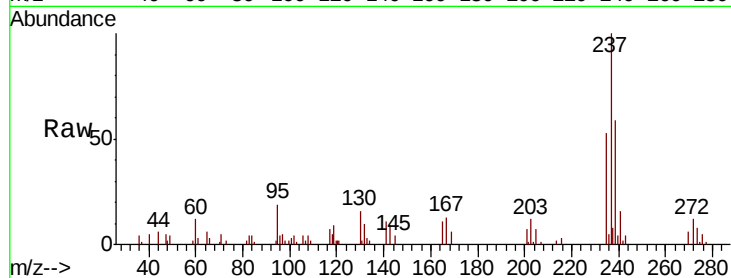
ClientSampleId :

MDL-WATER-03-QT4-2018

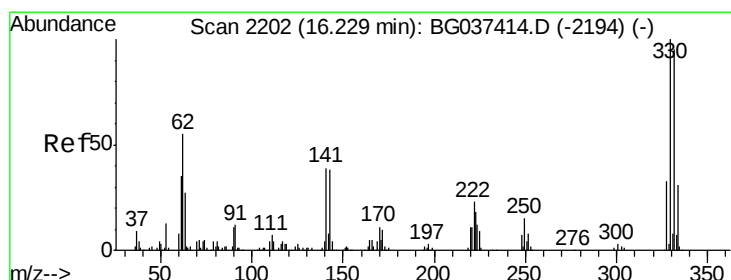
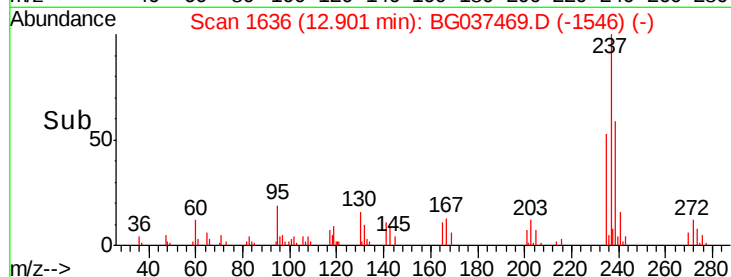
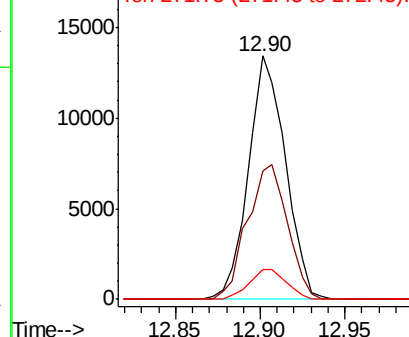
Tgt Ion:	237	Resp:	20521
Ion Ratio	Lower	Upper	
237	100		
235	52.6	42.5	82.5
272	12.5	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 139.959 ng

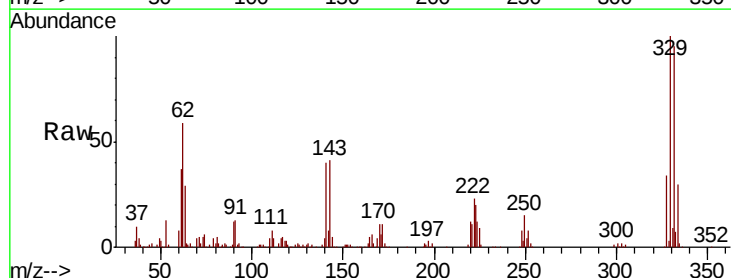
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

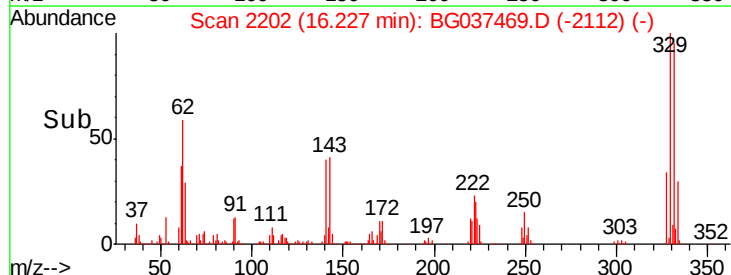
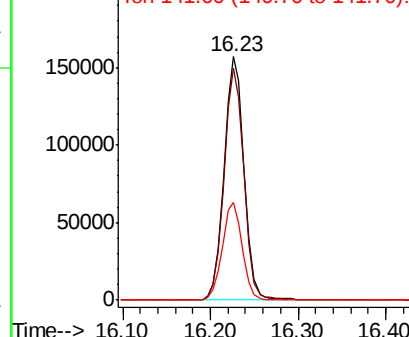
Lab File: BG037469.D

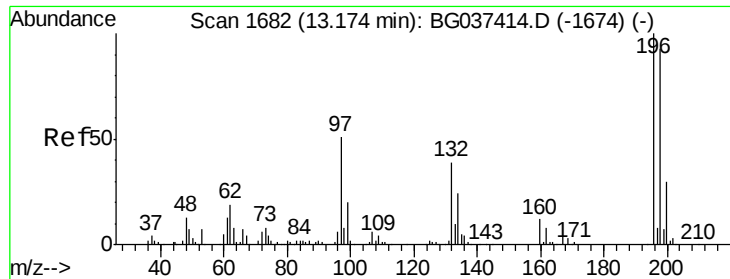
Acq: 20 Oct 2018 3:01

Tgt Ion:	330	Resp:	247298
Ion Ratio	Lower	Upper	
330	100		
332	94.5	78.4	117.6
141	39.9	32.2	48.2



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





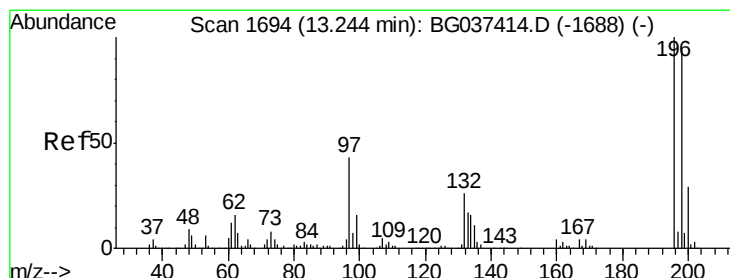
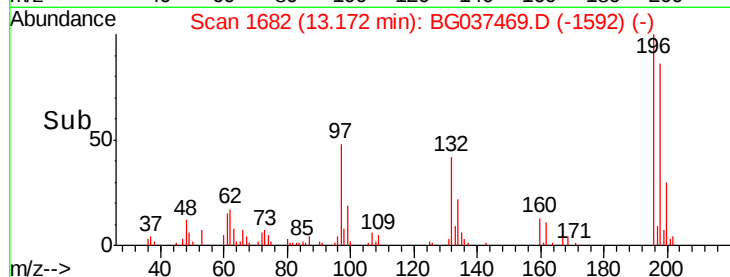
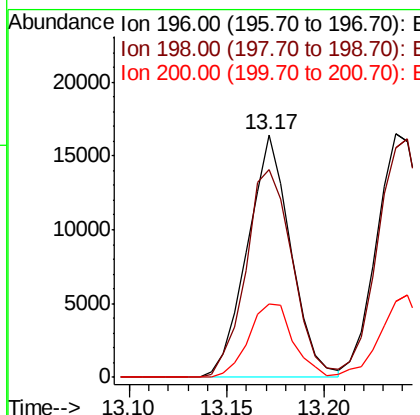
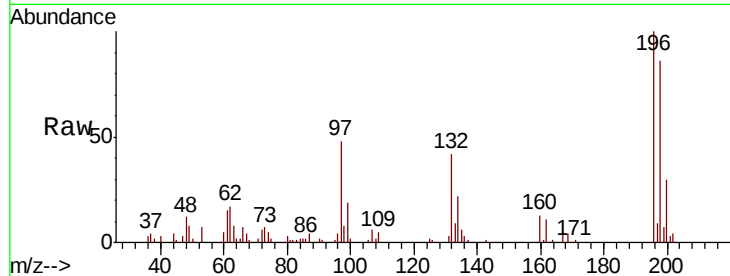
#43
 2,4,6-Trichlorophenol
 Concen: 7.246 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	25296		
198	85.5	76.4	114.6	
200	30.3	24.9	37.3	

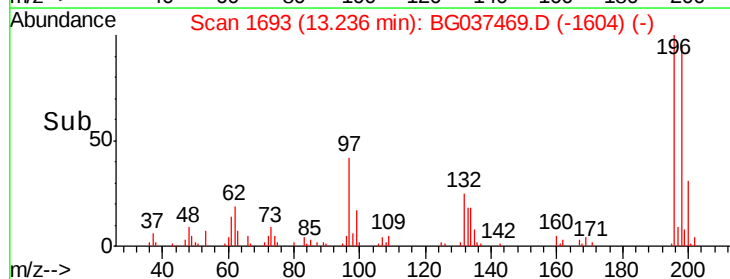
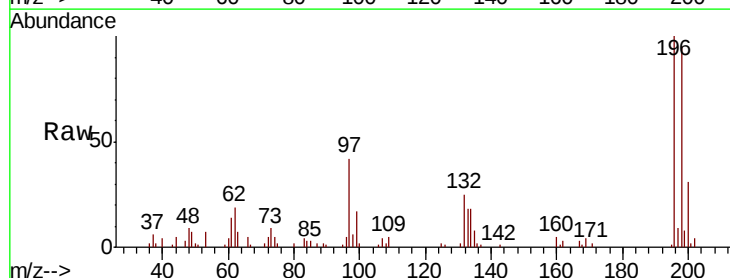
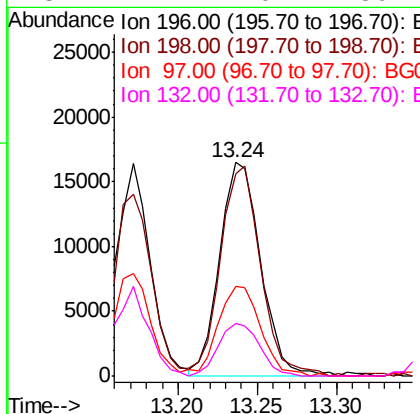
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#44
 2,4,5-Trichlorophenol
 Concen: 7.824 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29737		
198	94.5	74.2	111.2	
97	42.1	34.1	51.1	
132	24.7	20.2	30.4	





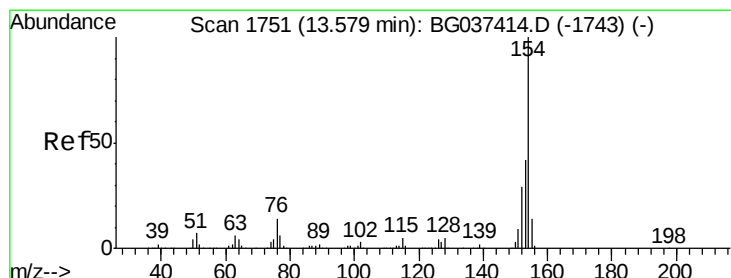
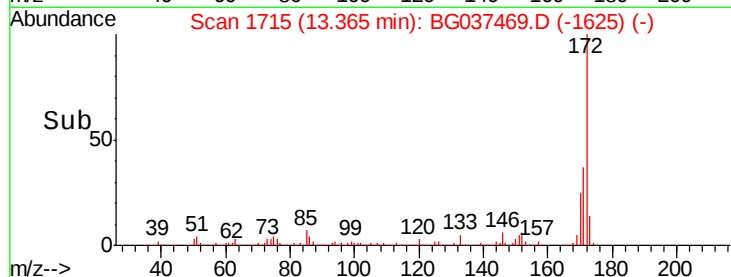
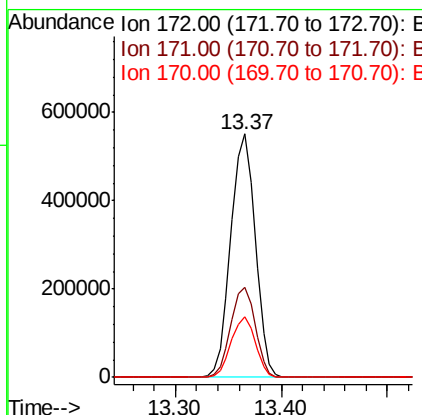
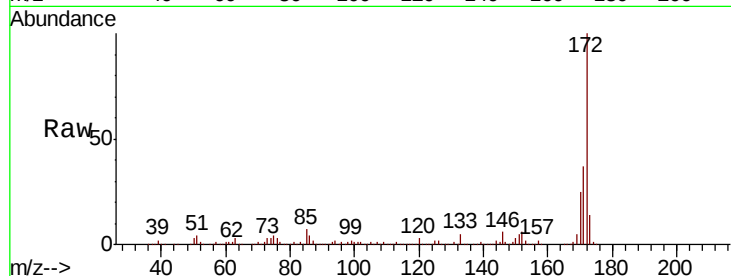
#45
2-Fluorobiphenyl
Concen: 82.079 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	881785		
171	37.0		31.0	46.4
170	24.6		20.2	30.2

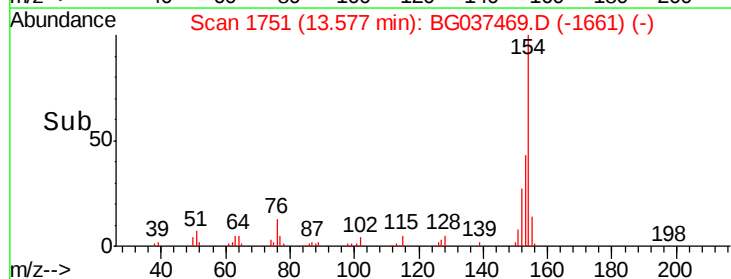
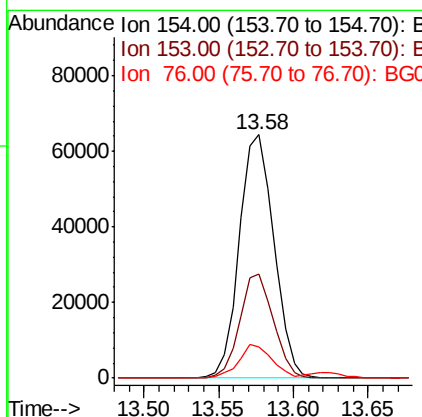
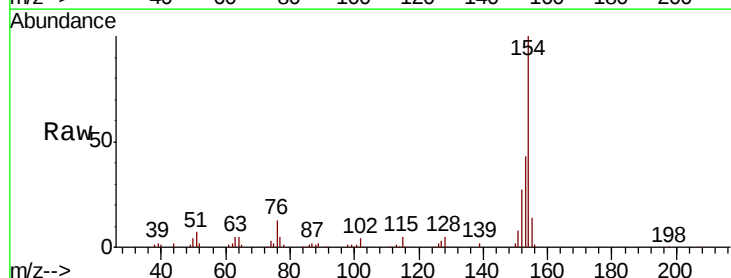
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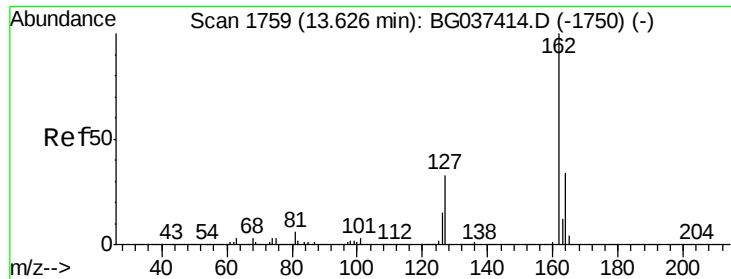
Sohil
10/22/2018 3:39:35 PM



#46
1,1'-Biphenyl
Concen: 7.699 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	103300		
153	42.6		22.1	62.1
76	13.0		0.0	33.2





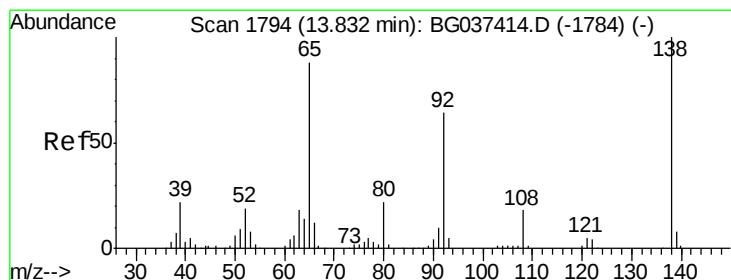
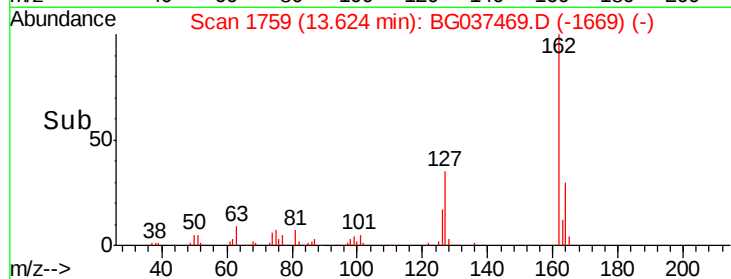
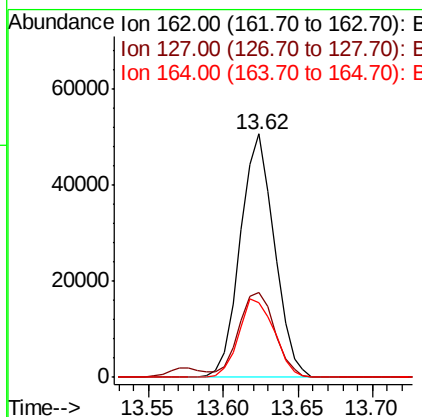
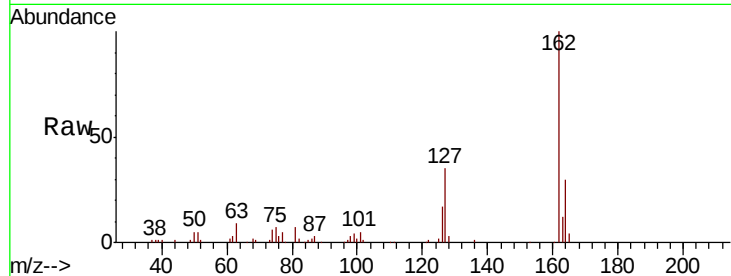
#47
2-Chloronaphthalene
Concen: 7.920 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	80385		
127	34.9	30.5	45.7	
164	30.5	26.4	39.6	

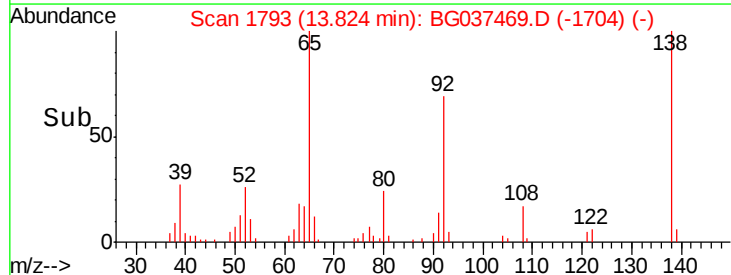
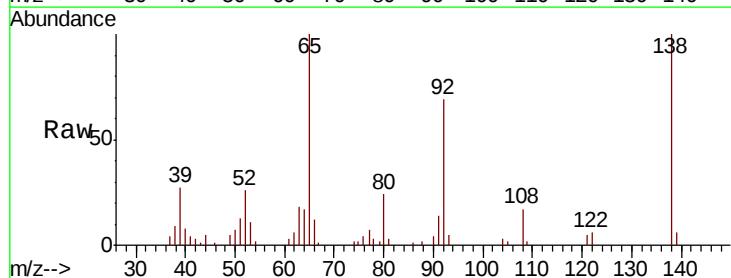
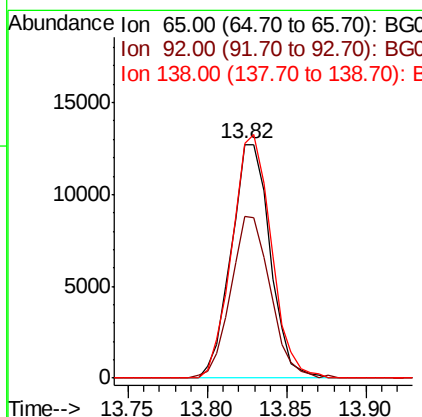
Manual Integrations
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#48
2-Nitroaniline
Concen: 7.047 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	21690		
92	69.3	53.2	79.8	
138	100.2	79.3	118.9	





#49

Acenaphthylene

Concen: 8.939 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

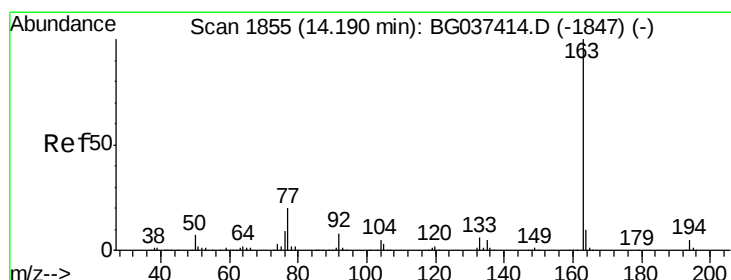
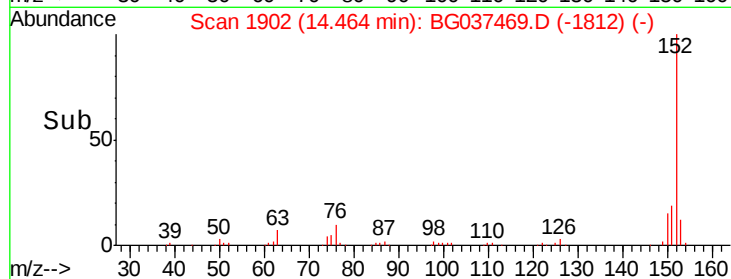
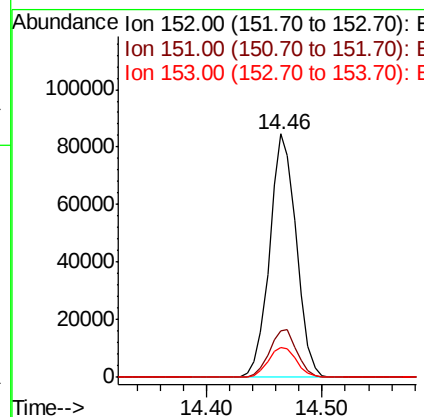
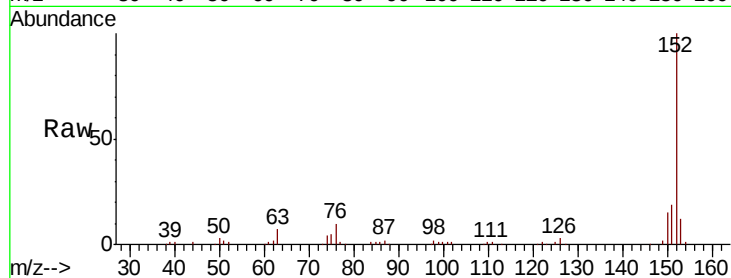
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	152	Resp:	136491
Ion Ratio	Lower	Upper	
152	100		
151	19.1	17.1	25.7
153	12.2	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 8.363 ng

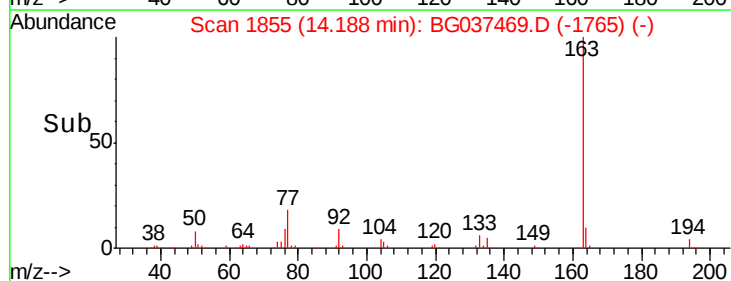
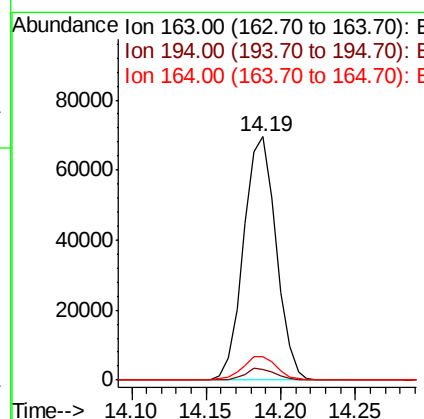
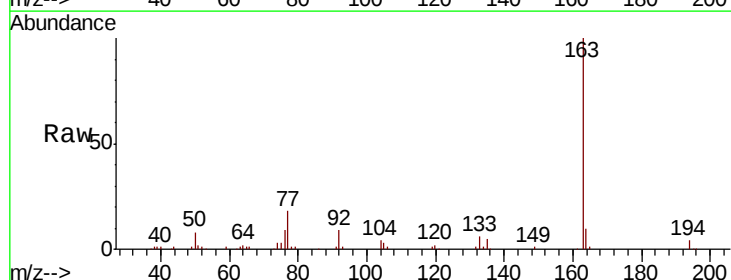
RT: 14.19 min Scan# 1855

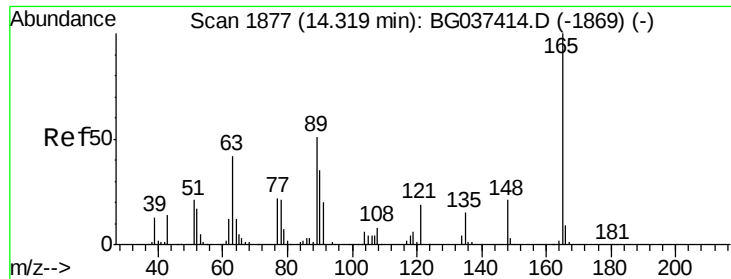
Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	163	Resp:	104811
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.6	8.5	12.7





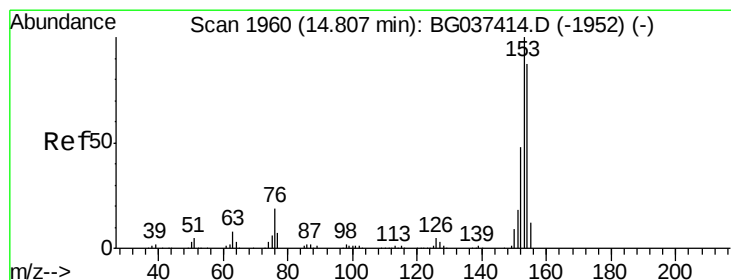
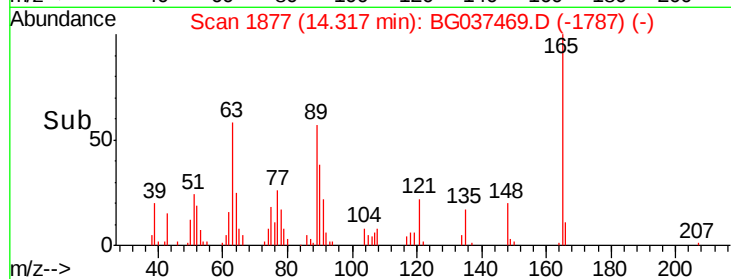
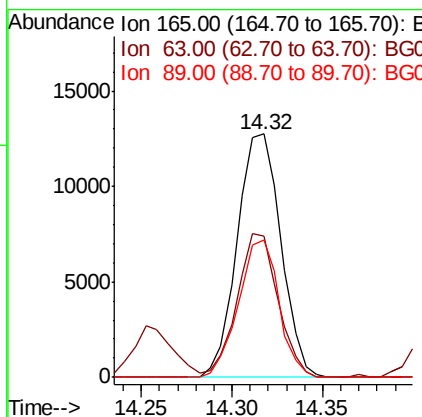
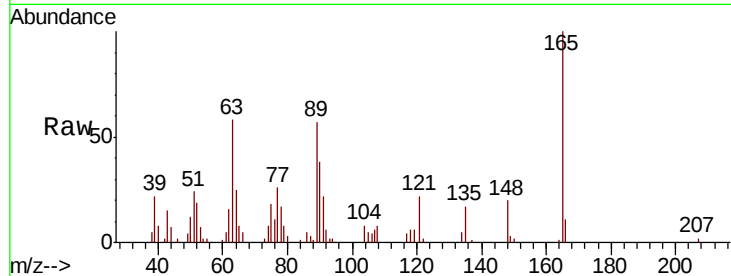
#51
 2,6-Dinitrotoluene
 Concen: 7.690 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	21321		
63	58.0	43.4	65.2	
89	56.7	45.8	68.6	

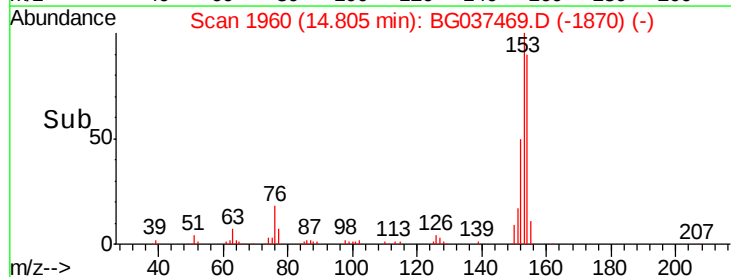
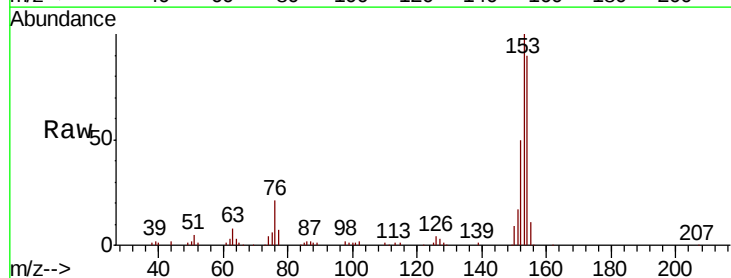
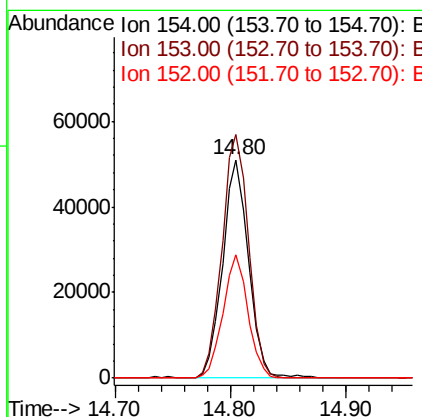
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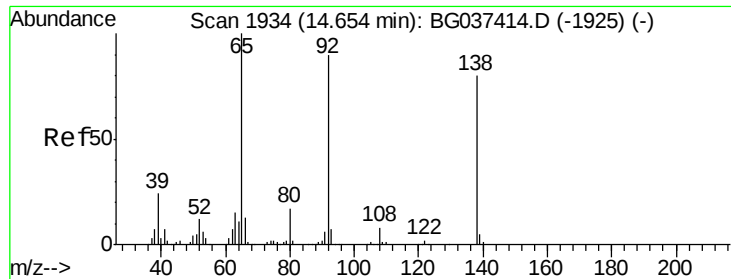
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#52
 Acenaphthene
 Concen: 8.429 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	79265		
153	111.6	93.4	140.0	
152	56.3	44.7	67.1	





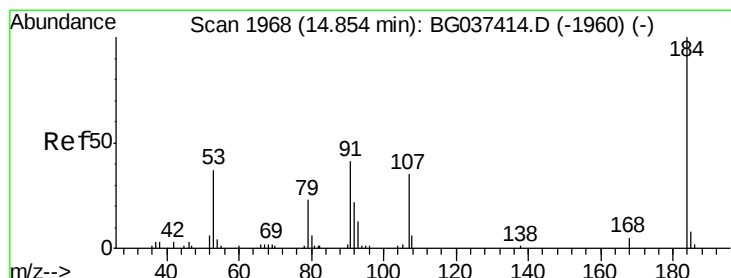
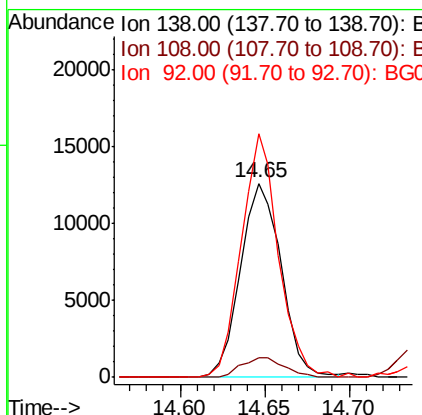
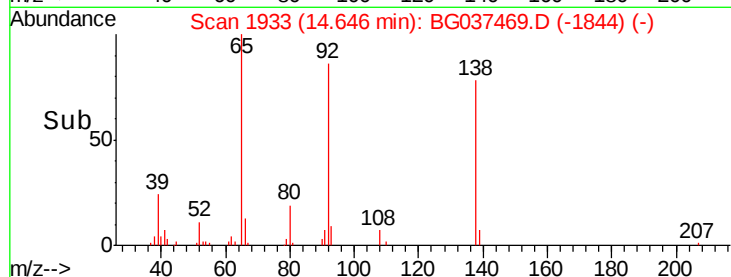
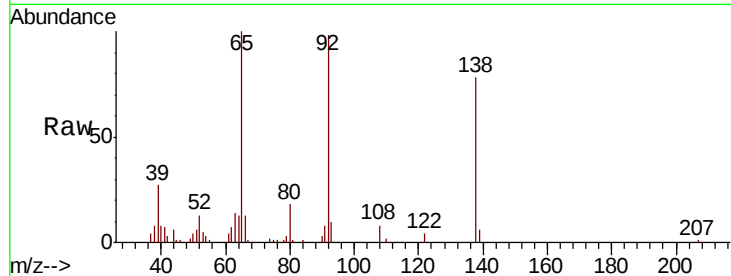
#53
3-Nitroaniline
Concen: 6.881 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion:138 Resp: 21179
Ion Ratio Lower Upper
138 100
108 10.3 11.0 16.6#
92 125.7 95.2 142.8

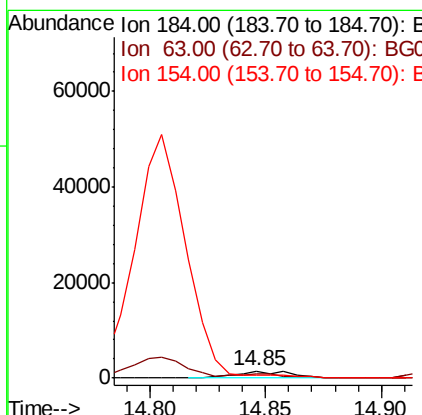
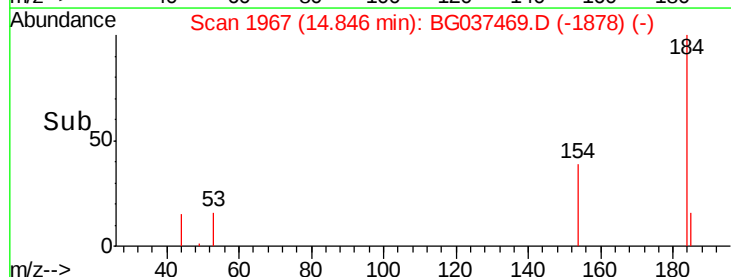
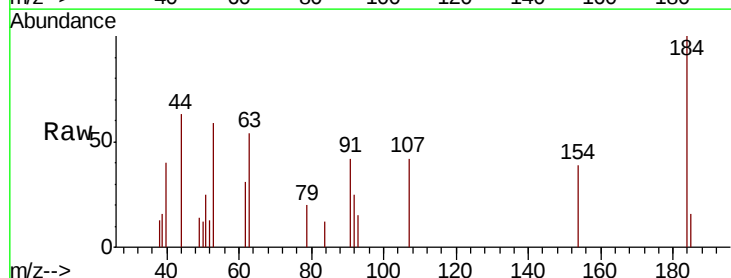
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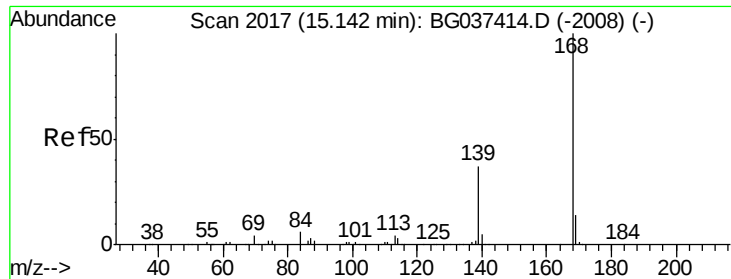
Sohil
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#54
2,4-Dinitrophenol
Concen: 9.601 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:184 Resp: 2290
Ion Ratio Lower Upper
184 100
63 54.5 42.6 63.8
154 39.3 41.8 62.6#





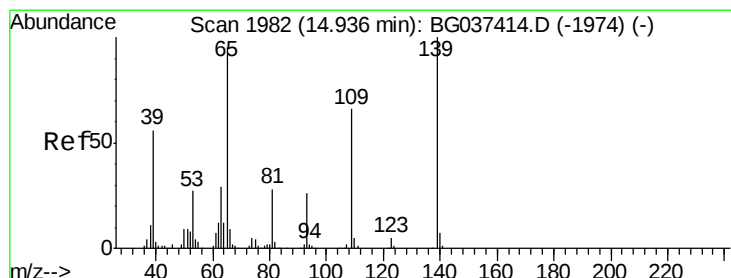
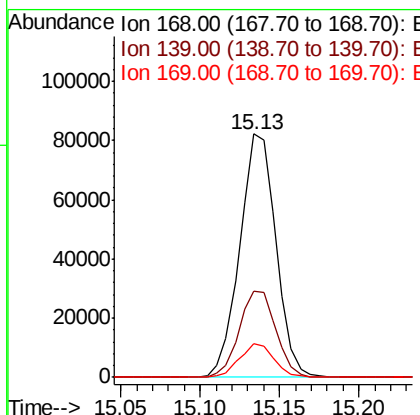
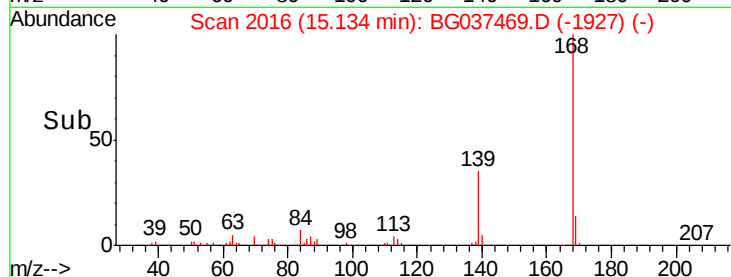
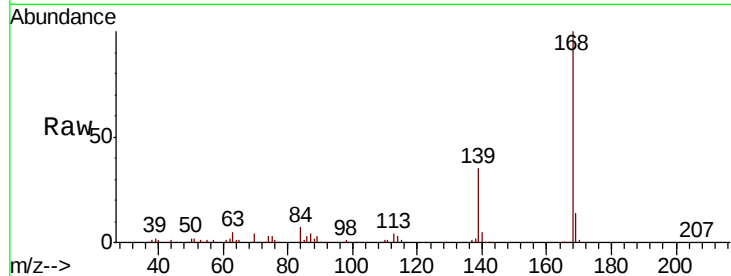
#55
Dibenzenofuran
Concen: 8.362 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.2	29.4	44.0
169	13.9	11.0	16.6

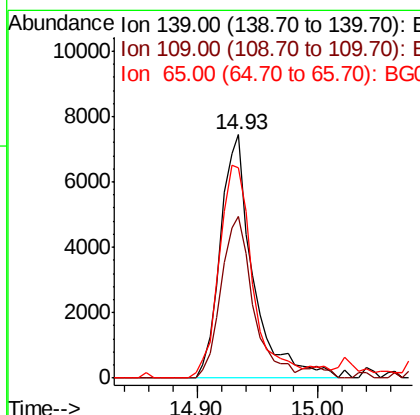
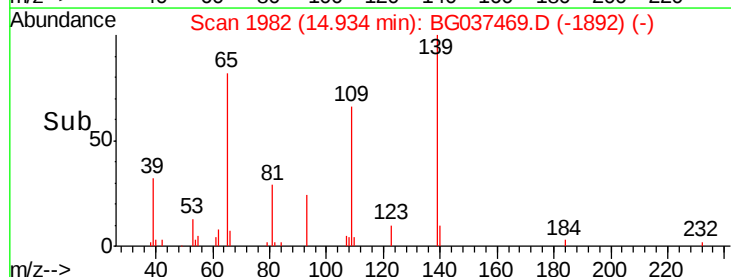
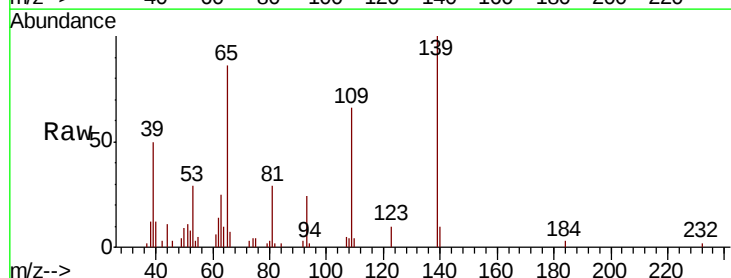
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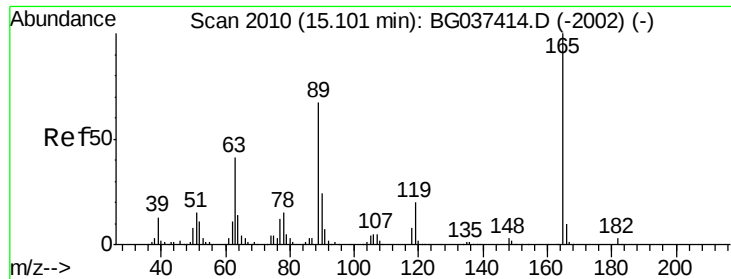
Sohil
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#56
4-Nitrophenol
Concen: 6.079 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	49.5	89.5
65	86.3	76.8	116.8





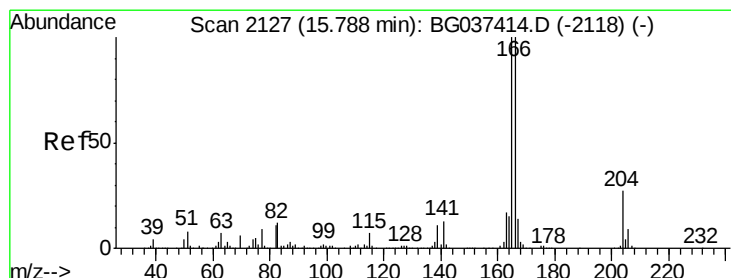
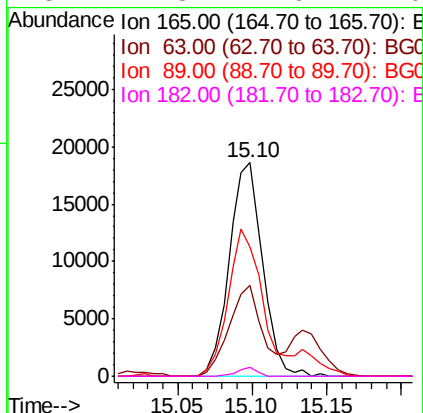
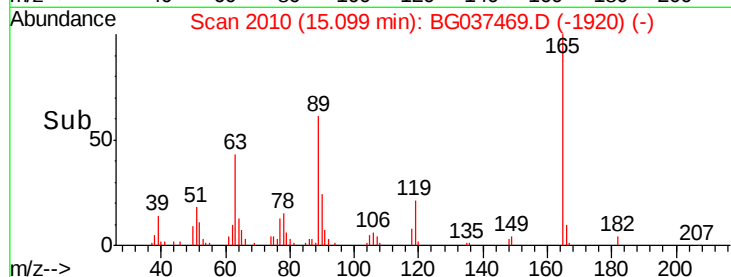
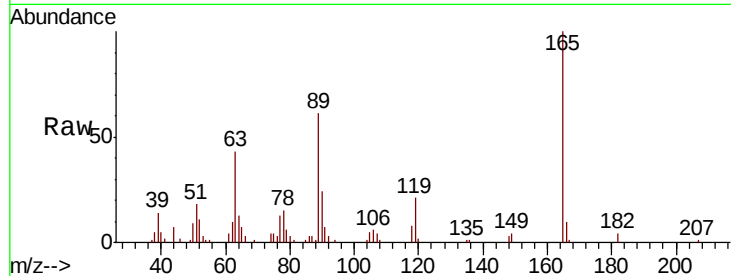
#57
2,4-Dinitrotoluene
Concen: 7.958 ng
RT: 15.10 min Scan# 210
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	42.5	33.4	50.0
89	60.5	57.2	85.8
182	4.3	2.6	4.0#

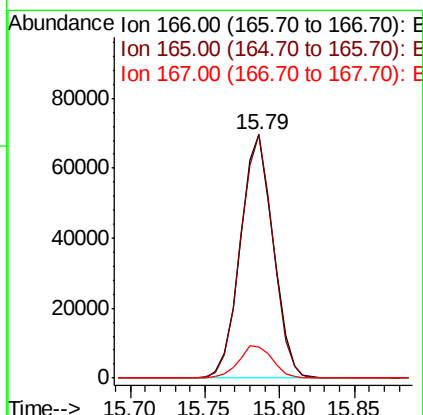
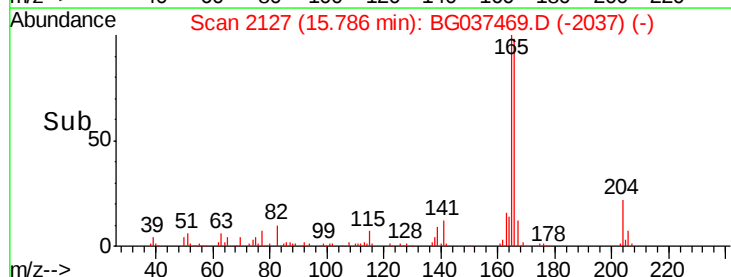
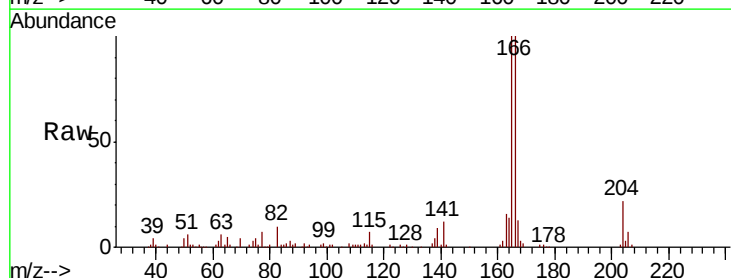
Manual Integrations
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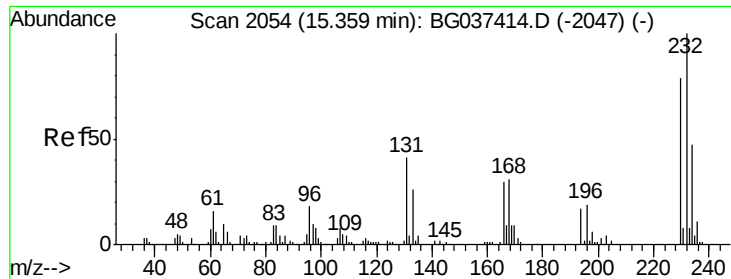
Sohil
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#58
Fluorene
Concen: 9.082 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	100.0	79.0	118.6
167	12.8	11.3	16.9





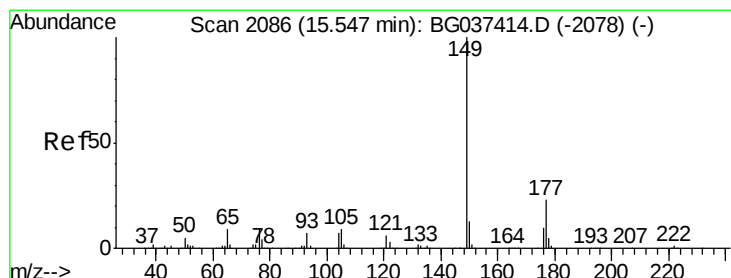
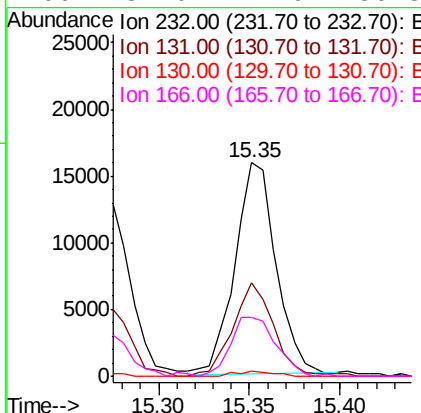
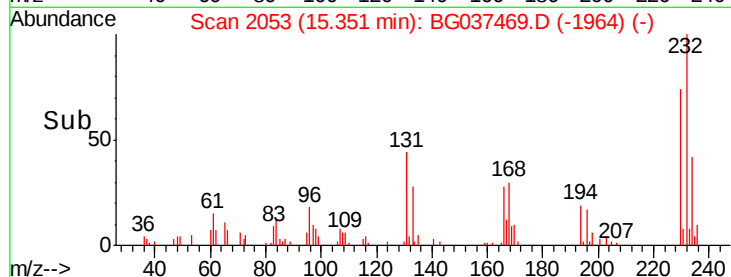
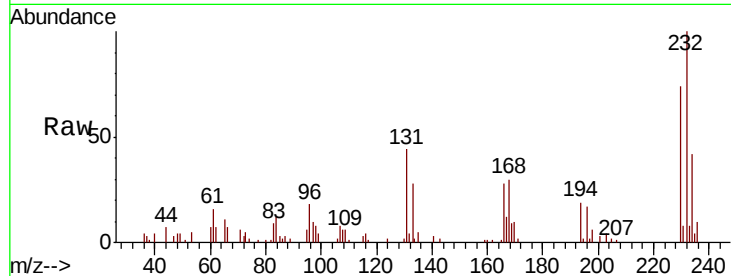
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.655 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion:	232	Resp:	24912
Ion Ratio	Lower	Upper	
232	100		
131	43.9	33.7	50.5
130	2.2	2.1	3.1
166	31.0	24.6	36.8

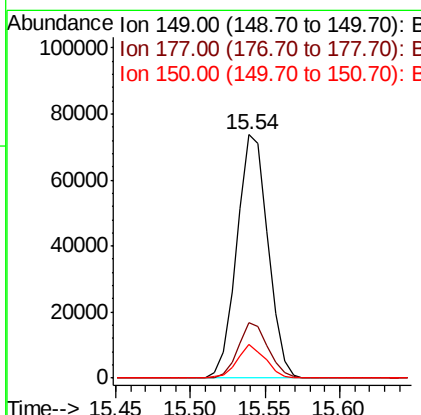
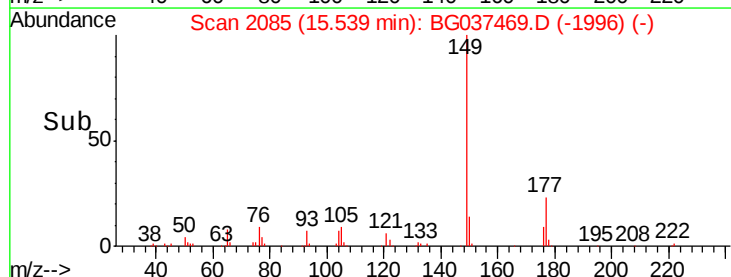
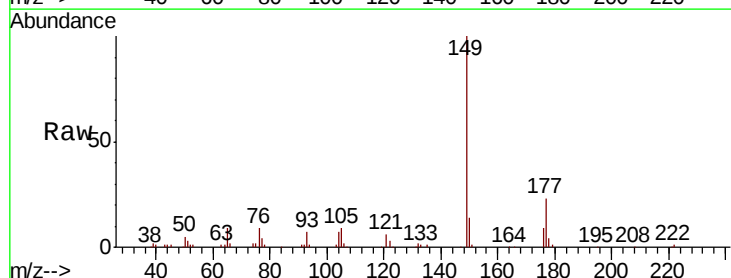
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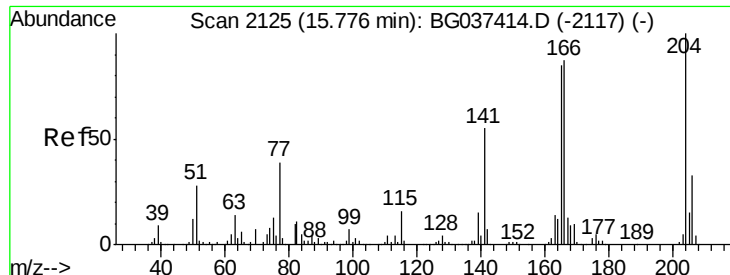
Sohil
10/22/2018 3:39:35 PM



#60
Diethylphthalate
Concen: 8.275 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:	149	Resp:	106466
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.3	27.5
150	13.7	10.0	15.0





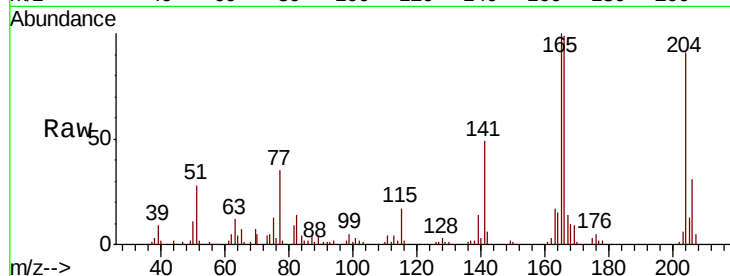
#61
4-Chlorophenyl-phenylether
Concen: 8.061 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.6	39.8
141	53.9	45.4	68.2

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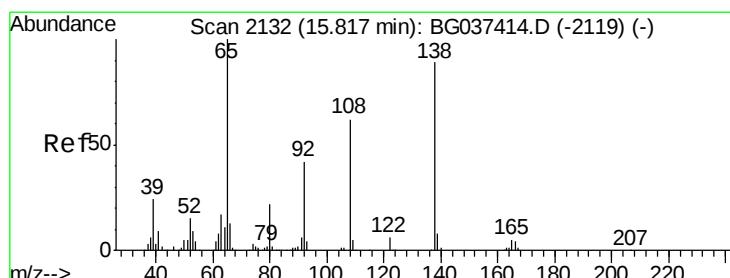
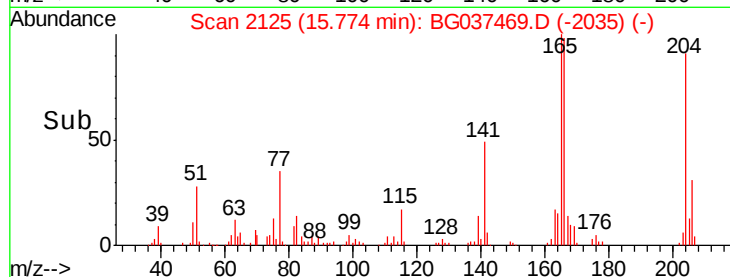
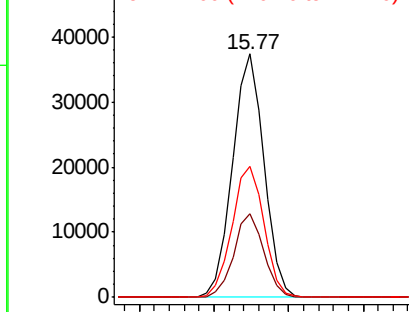


Abundance

Ion 204.00 (203.70 to 204.70): E

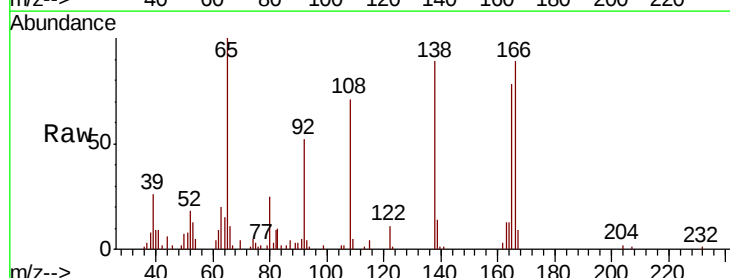
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 7.683 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.1	36.4	76.4
108	79.7	60.1	100.1

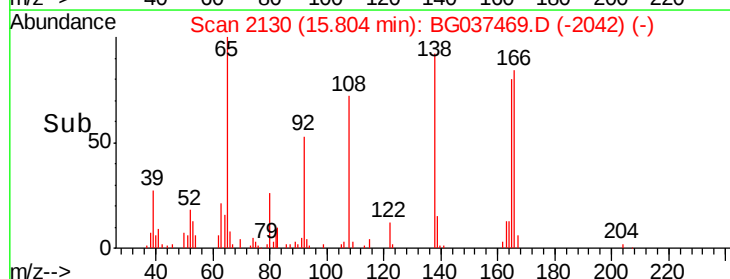
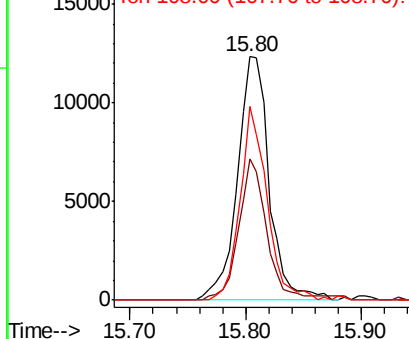


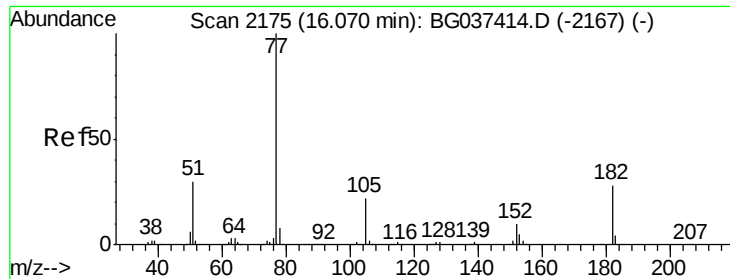
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





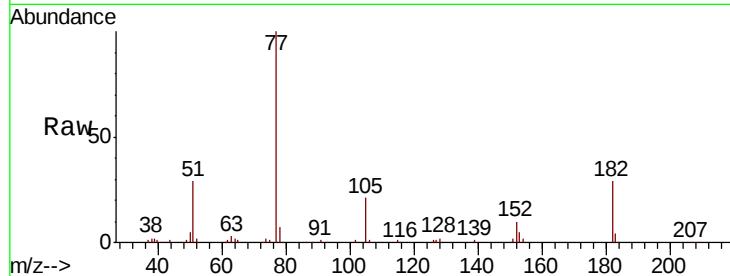
#63
Azobenzene
Concen: 8.410 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

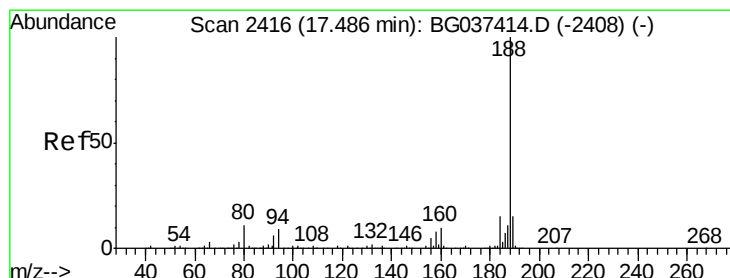
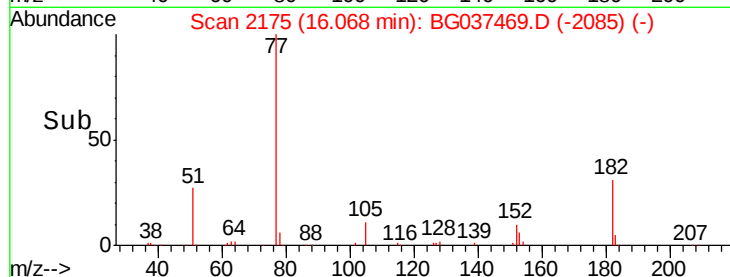
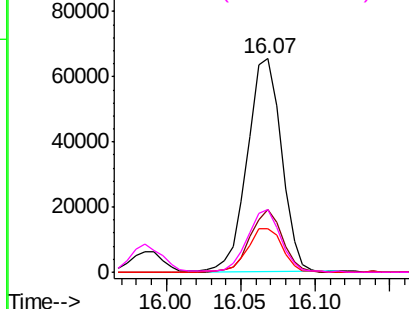
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.0	48.0
105	20.6	1.3	41.3
51	29.3	10.7	50.7

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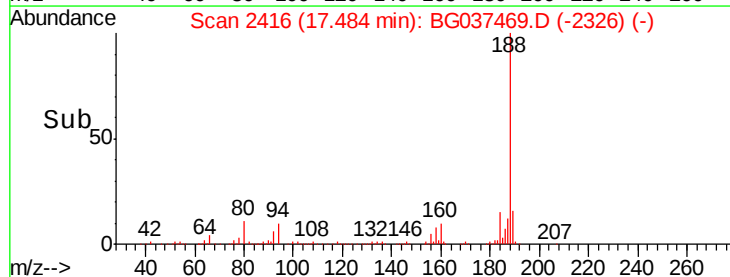
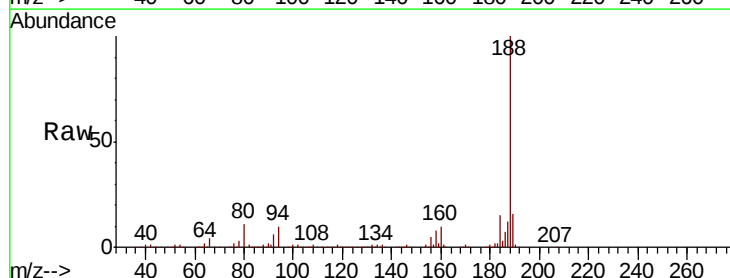
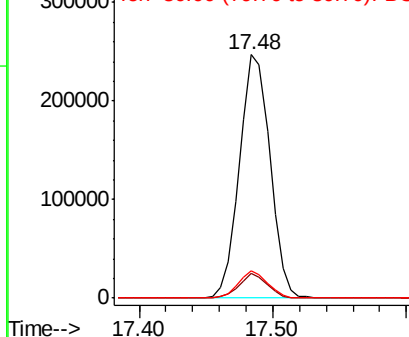
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

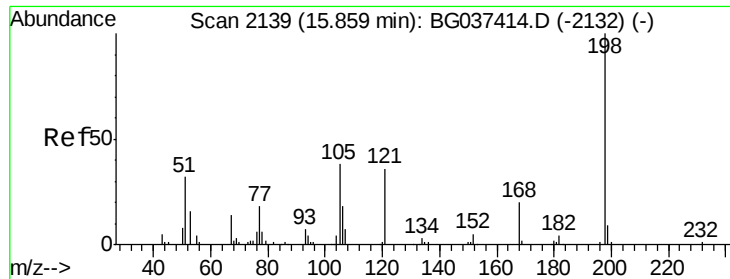


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.2	10.8
80	11.0	7.7	11.5

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





#65

4,6-Dinitro-2-methylphenol

Concen: 11.697 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

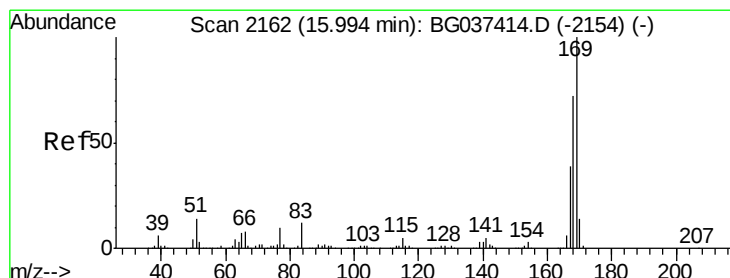
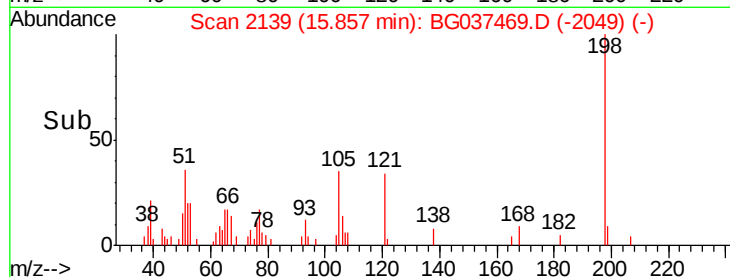
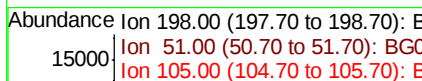
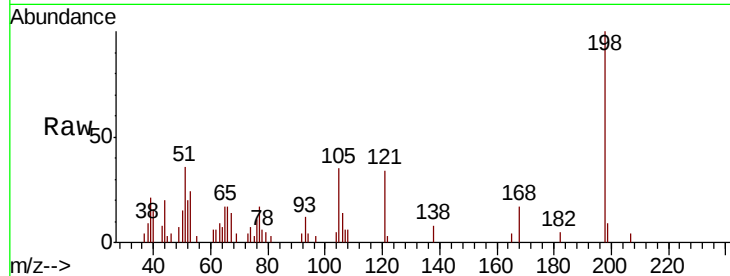
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	198	Resp:	7956
Ion Ratio	Lower	Upper	
198	100		
51	35.9	22.7	62.7
105	35.4	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 7.968 ng

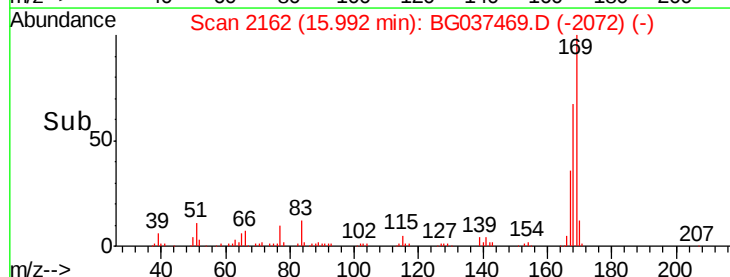
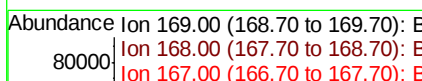
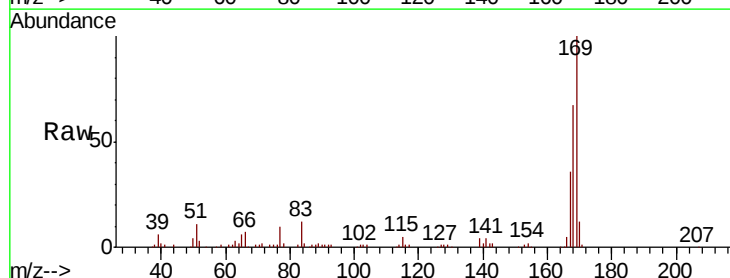
RT: 15.99 min Scan# 2162

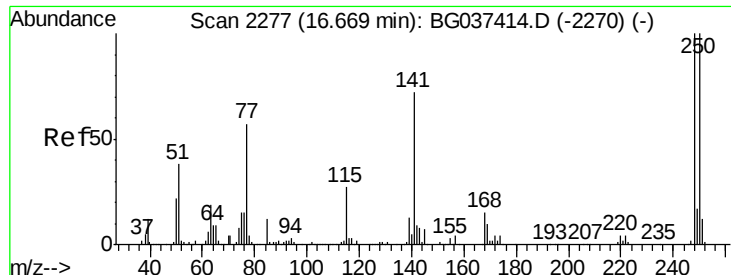
Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	169	Resp:	93748
Ion Ratio	Lower	Upper	
169	100		
168	67.2	55.7	83.5
167	36.3	31.3	46.9





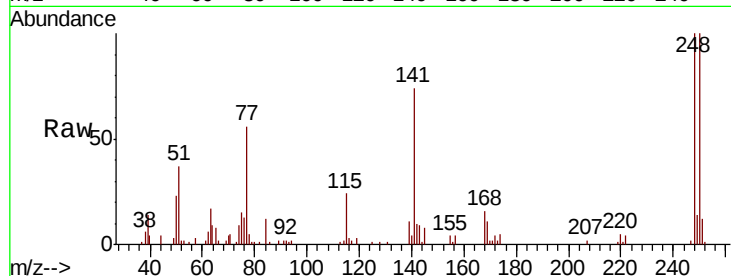
#67
 4-Bromophenyl-phenylether
 Concen: 7.550 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	32431		
250	100.5	77.0	115.6	
141	74.6	55.5	83.3	

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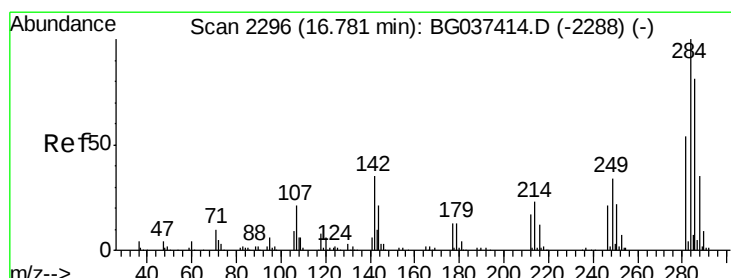
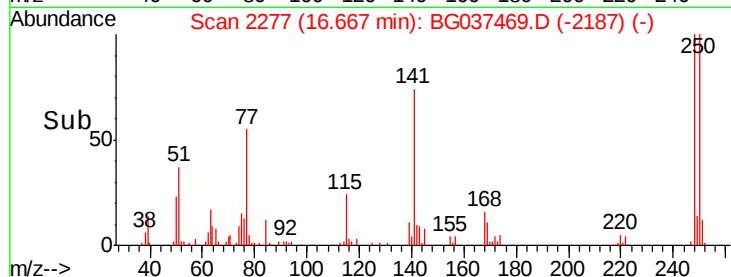
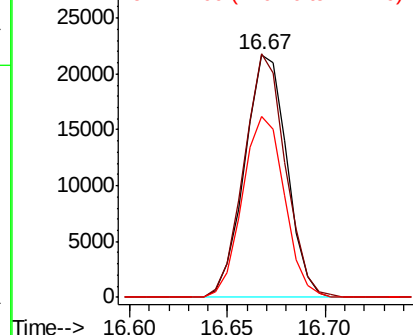


Abundance

Ion 248.00 (247.70 to 248.70): E

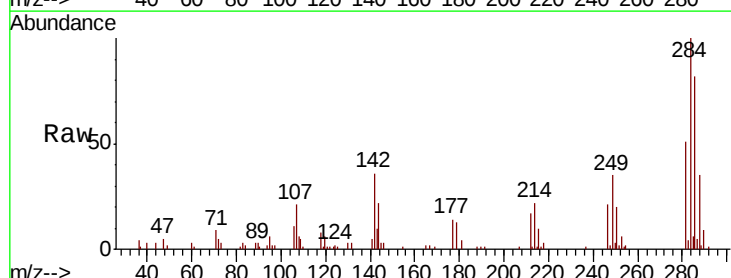
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 7.742 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	34468		
142	35.9	28.1	42.1	
249	37.9	29.8	44.8	

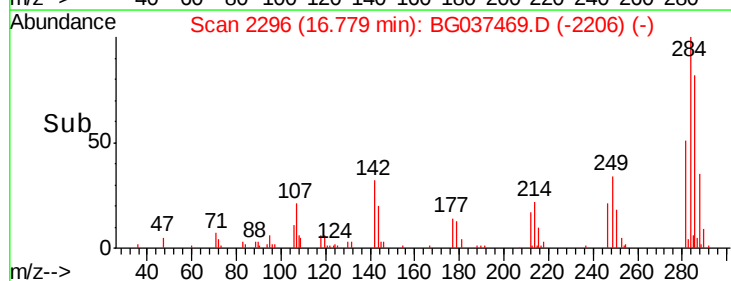
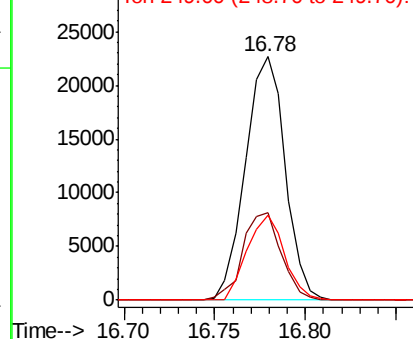


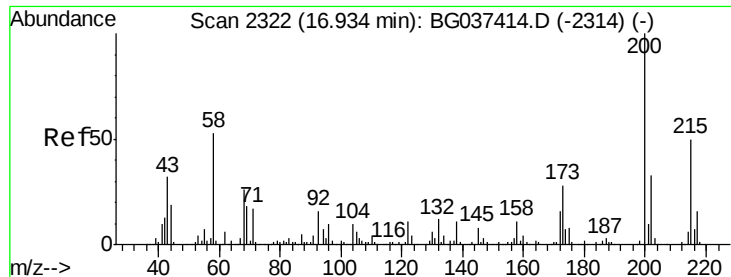
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





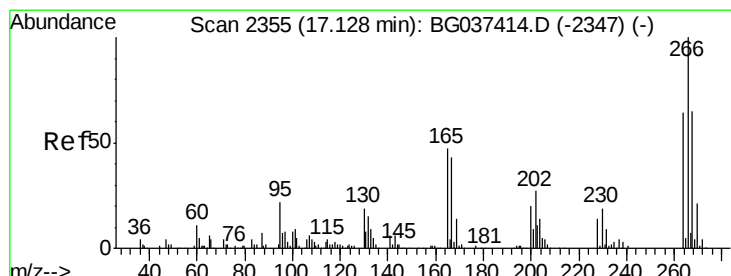
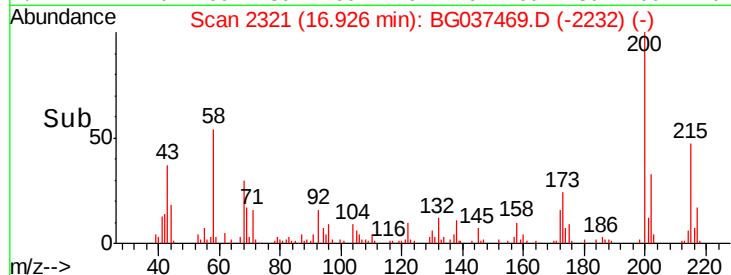
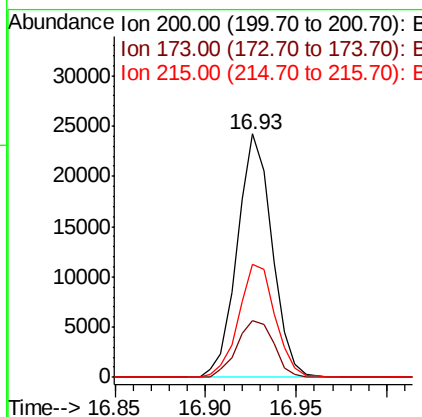
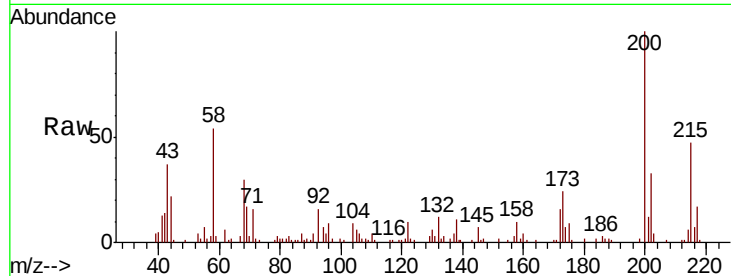
#69
Atrazine
Concen: 7.597 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.5	6.1	46.1
215	46.7	30.8	70.8

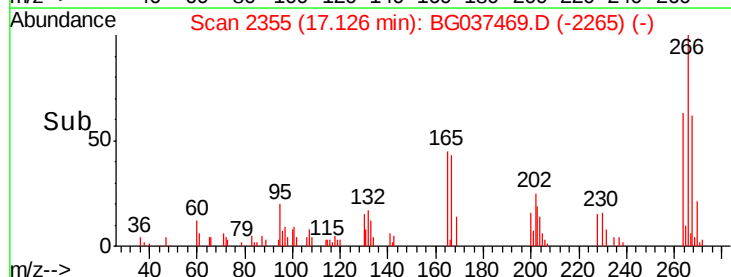
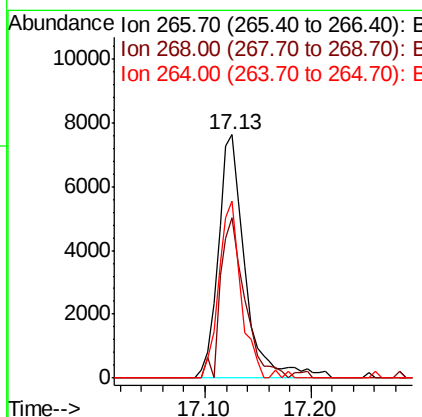
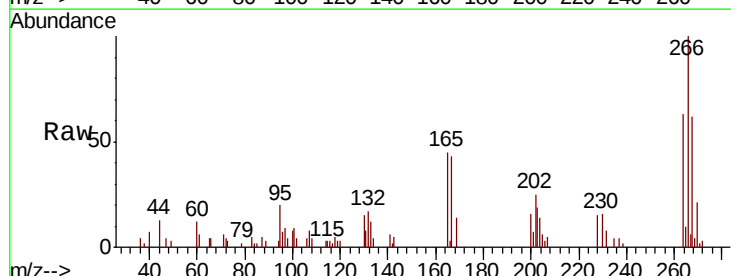
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#70
Pentachlorophenol
Concen: 4.518 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.0	55.0	82.6
264	72.7	58.9	88.3





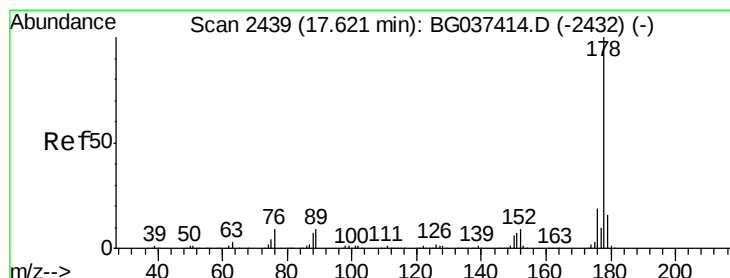
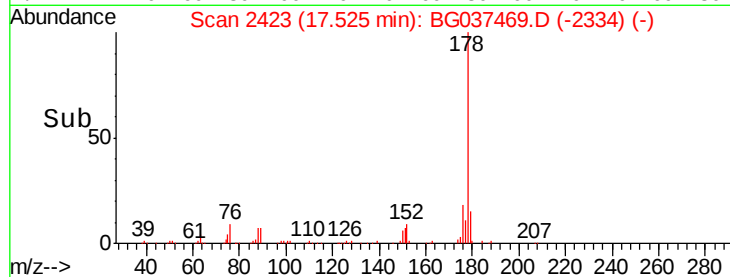
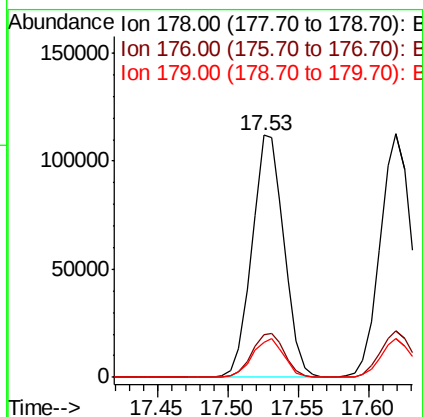
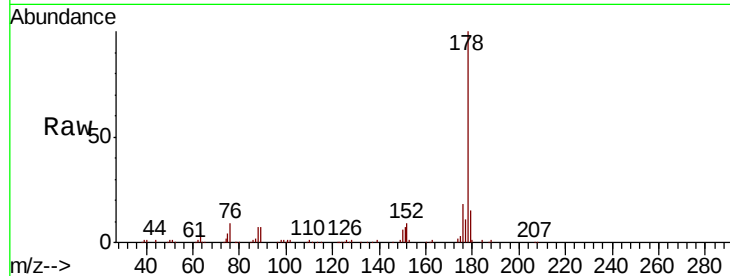
#71
Phenanthrene
Concen: 8.988 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.1	24.1
179	14.6	13.0	19.4

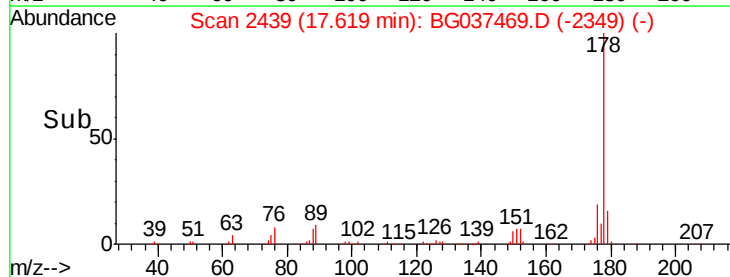
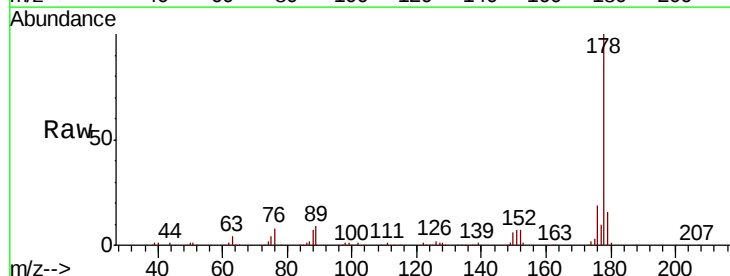
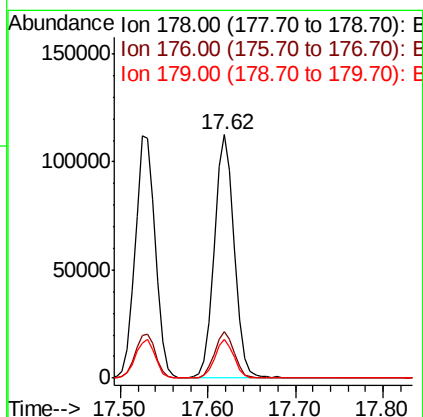
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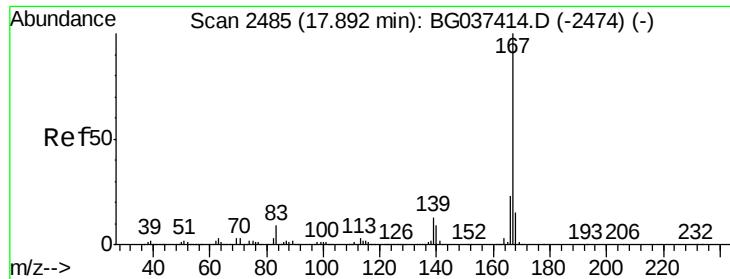
Sohil
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#72
Anthracene
Concen: 9.121 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.9	12.8	19.2





#73

Carbazole

Concen: 8.117 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

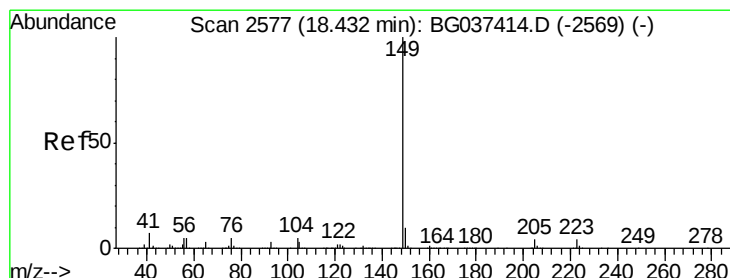
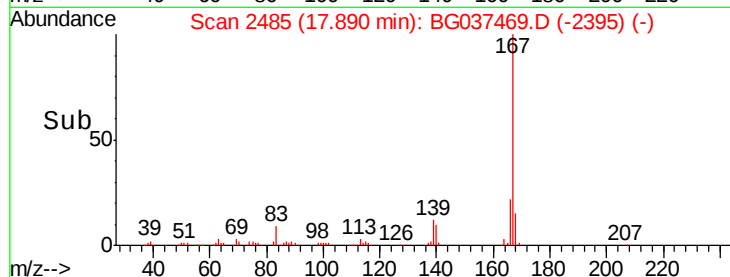
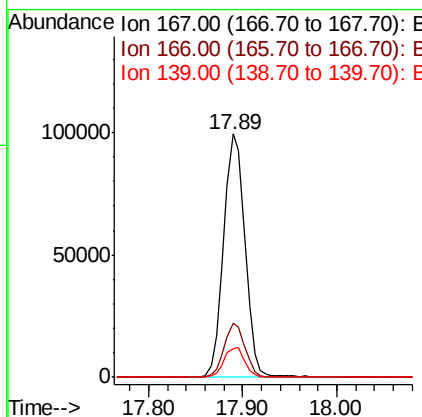
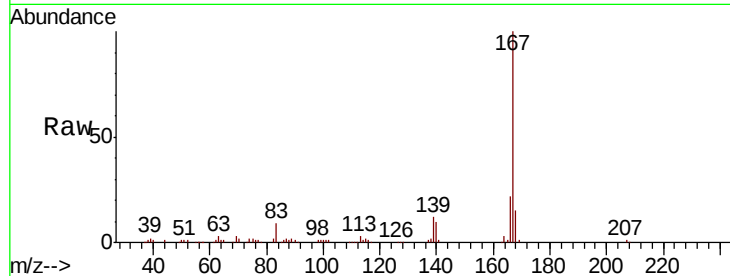
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	167	Resp:	158395
Ion Ratio		Lower	Upper
167	100		
166	22.4	18.3	27.5
139	11.6	10.5	15.7

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#74

Di-n-butylphthalate

Concen: 8.195 ng

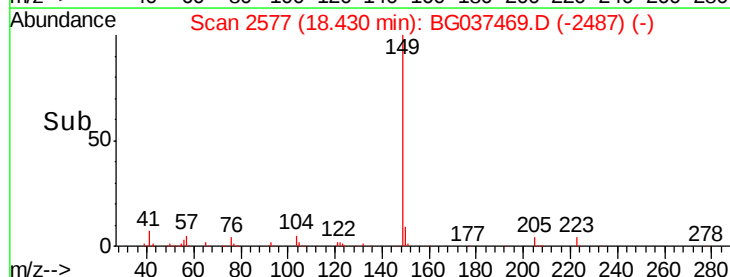
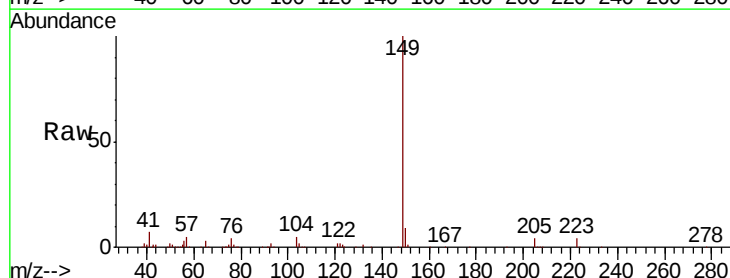
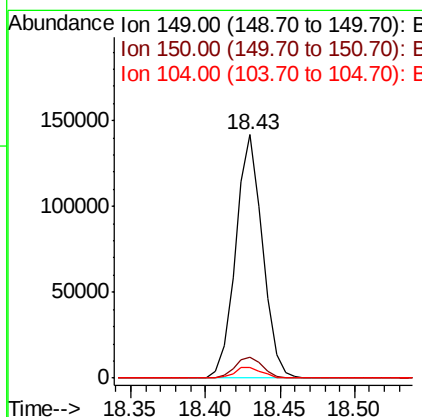
RT: 18.43 min Scan# 2577

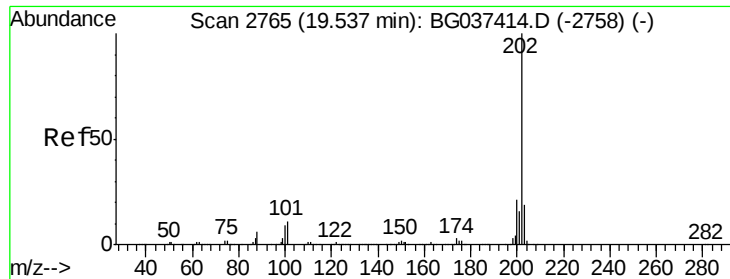
Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	149	Resp:	177896
Ion Ratio		Lower	Upper
149	100		
150	8.7	8.2	12.2
104	4.5	4.0	6.0





#75

Fluoranthene

Concen: 9.050 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

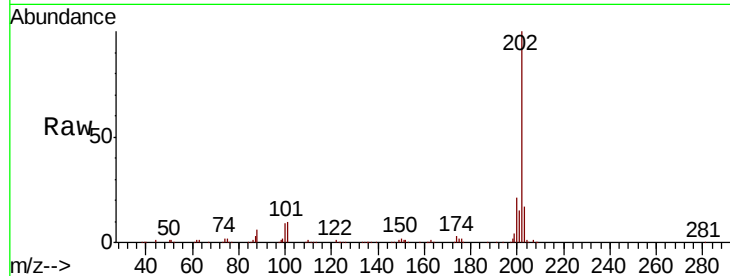
ClientSampleId :

MDL-WATER-03-QT4-2018

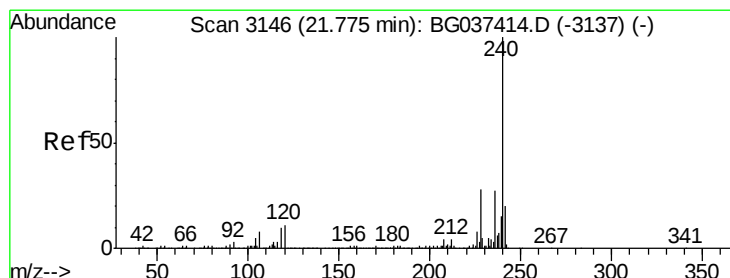
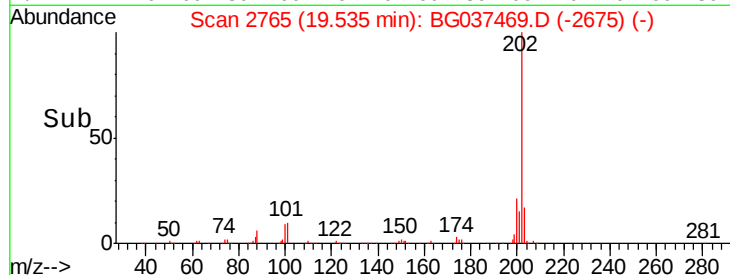
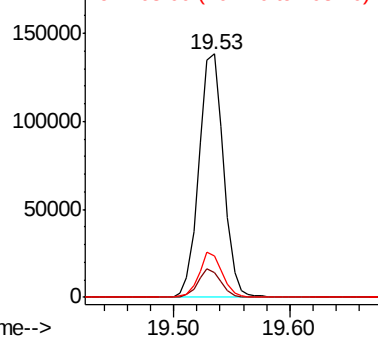
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		204063		
101	10.3	0.0	30.7		
203	16.9	0.0	38.5		

Manual Integrations
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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

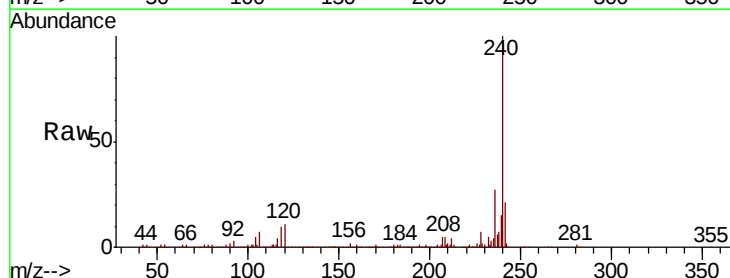
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

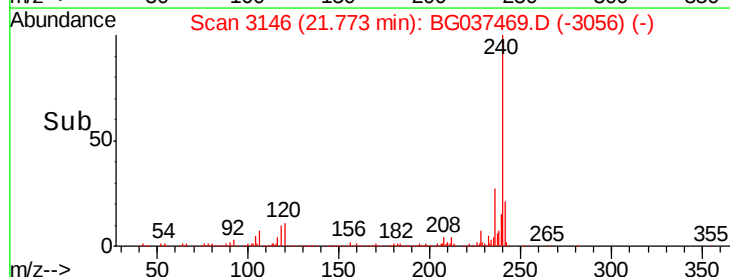
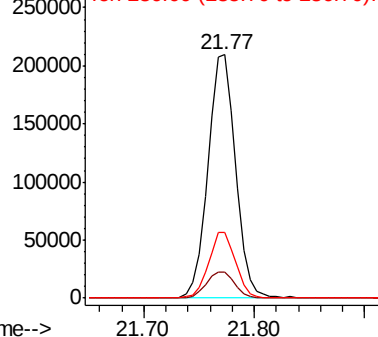
Lab File: BG037469.D

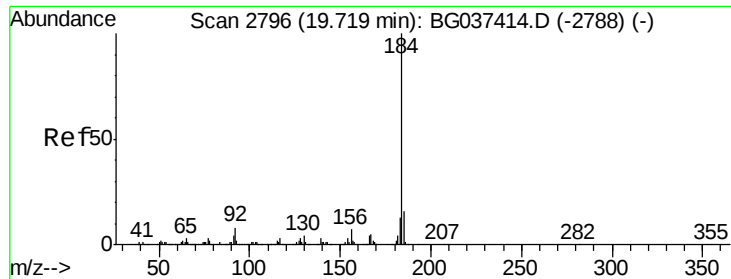
Acq: 20 Oct 2018 3:01

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		368299		
120	10.8	8.1	12.1		
236	26.8	21.4	32.0		



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





#77

Benzidine

Concen: 2.526 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

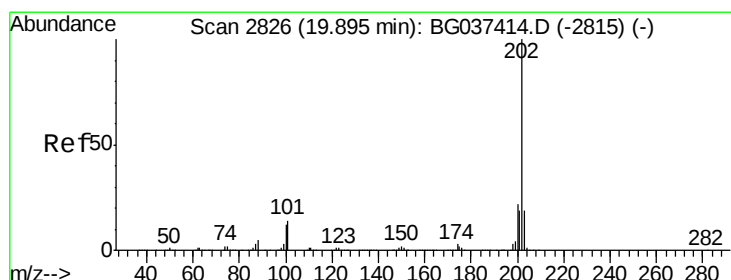
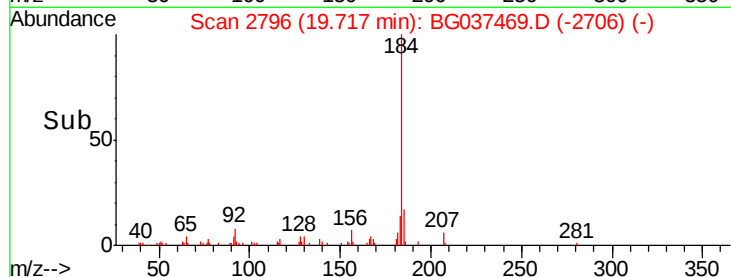
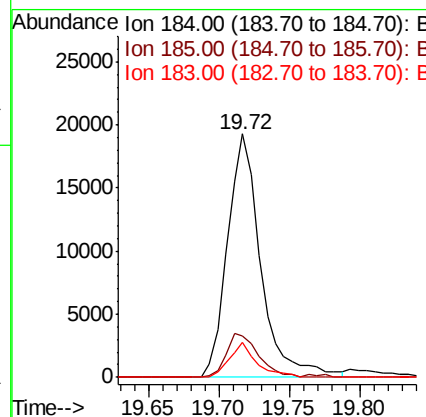
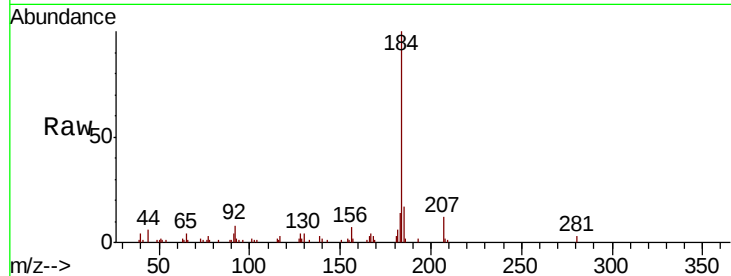
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	184	Resp:	31635
Ion Ratio	Lower	Upper	
184	100		
185	17.2	12.6	18.8
183	14.4	10.2	15.2

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#78

Pyrene

Concen: 8.723 ng

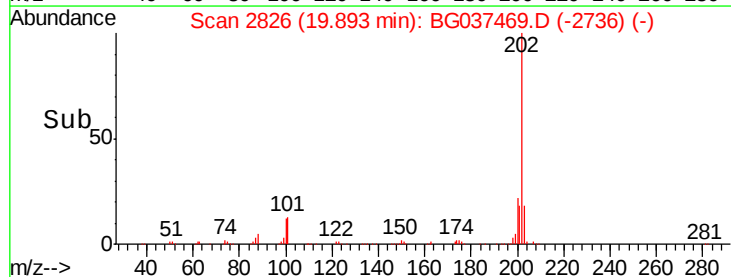
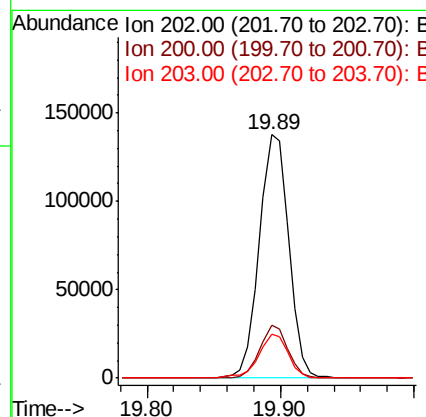
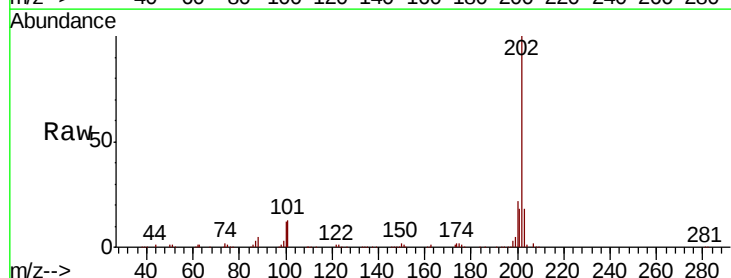
RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	202	Resp:	210027
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.6
203	18.2	15.2	22.8





#79

Terphenyl-d14

Concen: 77.901 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:244 Resp: 1342730

Ion Ratio Lower Upper

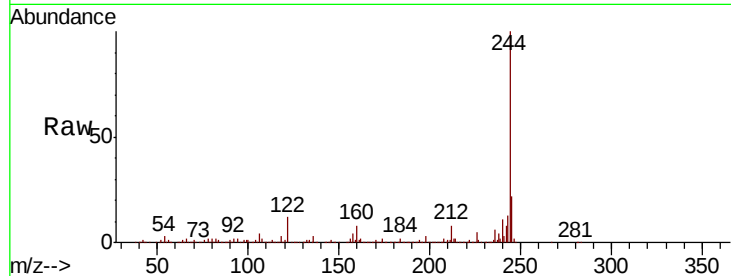
244 100

212 8.4 6.5 9.7

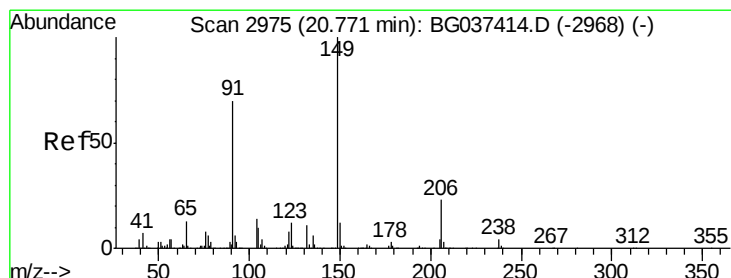
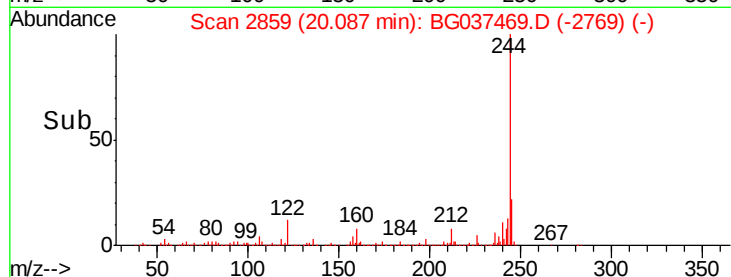
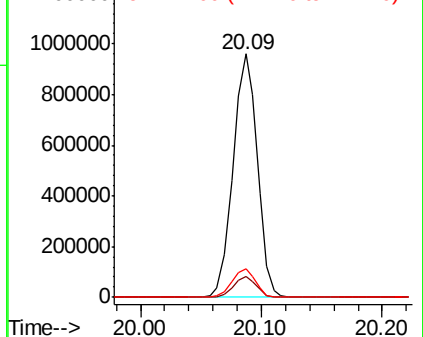
122 12.0 9.0 13.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.413 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

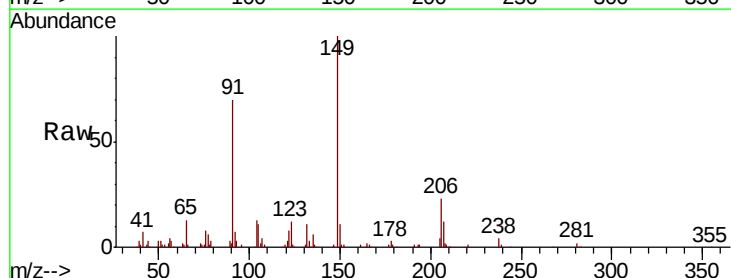
Tgt Ion:149 Resp: 73047

Ion Ratio Lower Upper

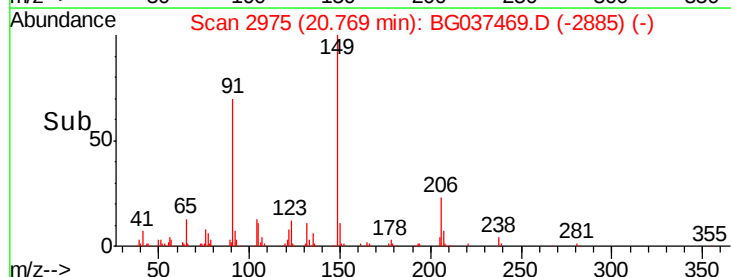
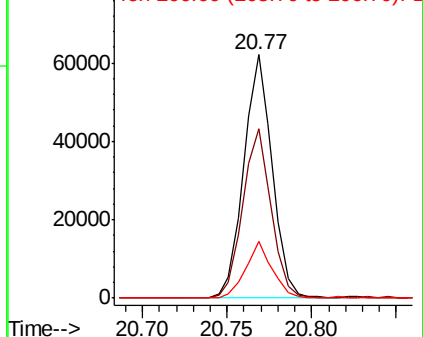
149 100

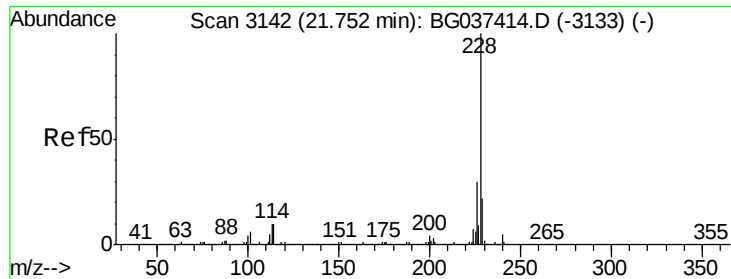
91 69.6 57.0 85.4

206 23.4 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





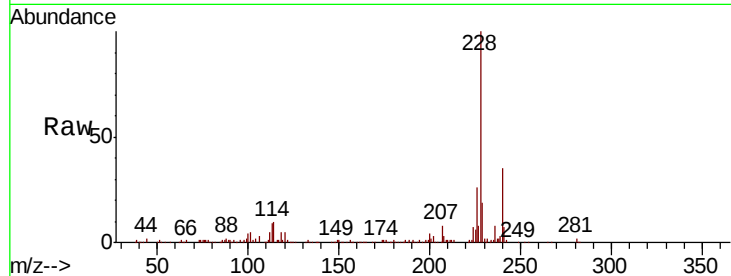
#81
Benzo(a)anthracene
Concen: 8.701 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	189547		
226	26.4		22.6	33.8
229	19.3		16.3	24.5

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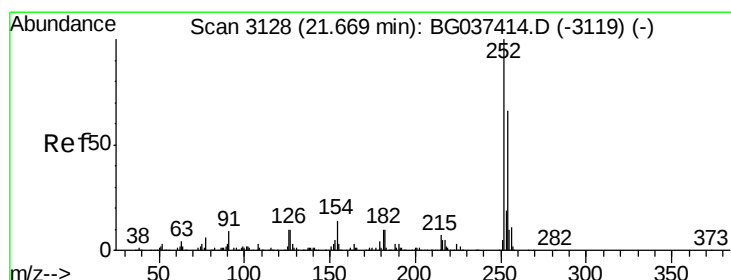
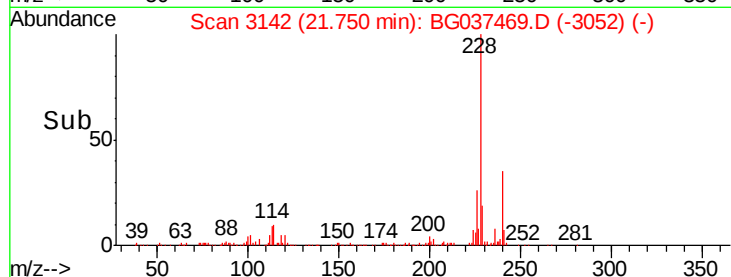
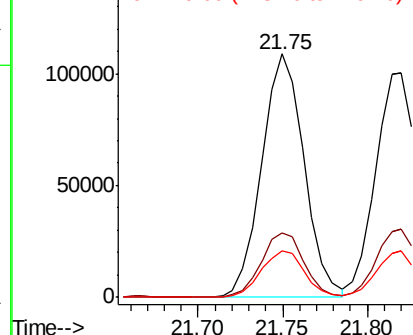


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 5.591 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

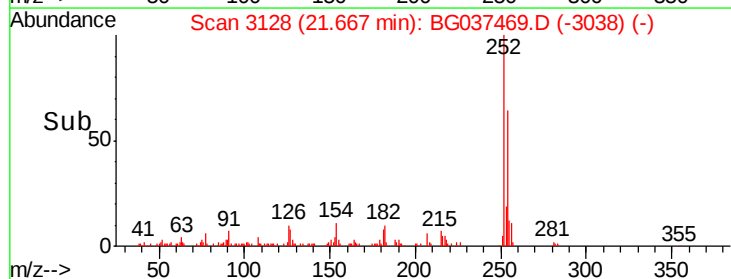
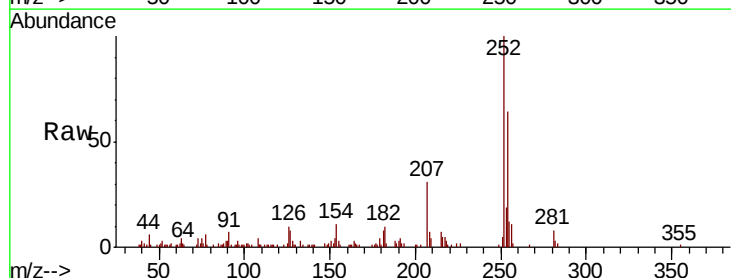
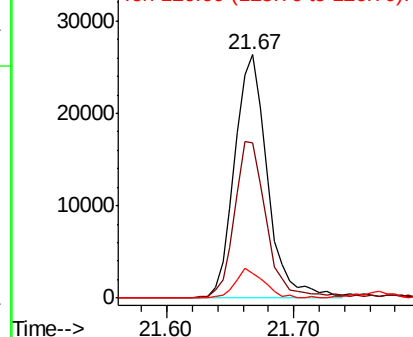
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	47209		
254	63.8		52.0	78.0
126	10.4		8.2	12.4

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





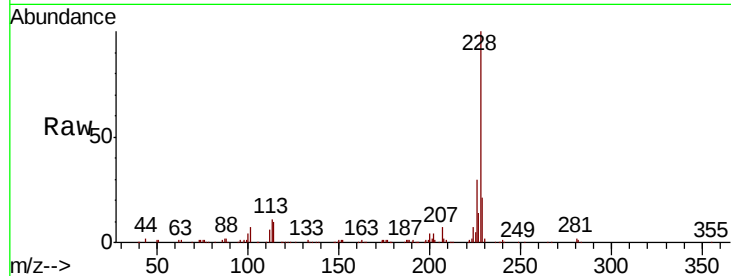
#83
Chrysene
 Concen: 8.498 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	20.6	16.5	24.7

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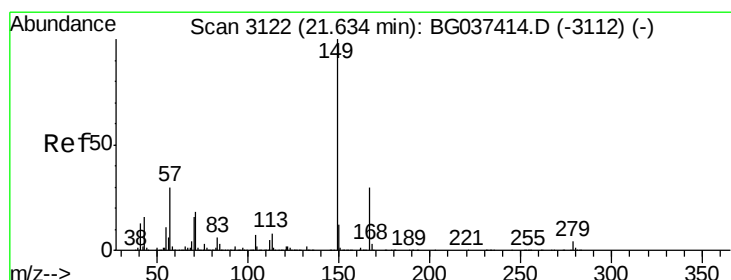
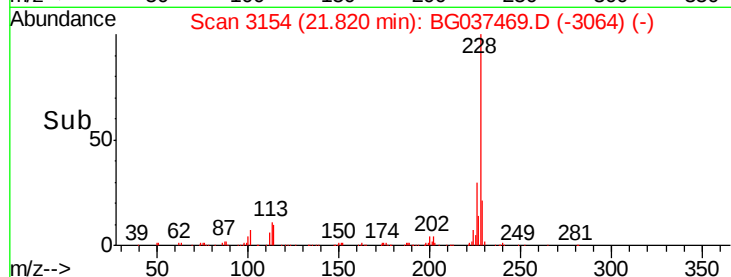
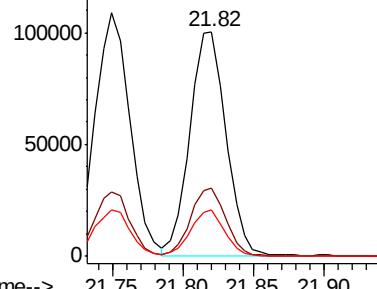


Abundance

Ion 228.00 (227.70 to 228.70): E

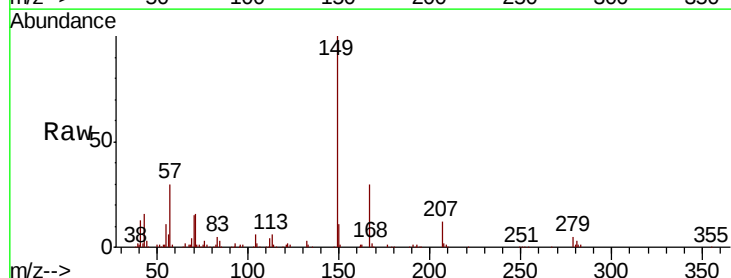
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
 Concen: 7.448 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.0	34.4
279	4.7	3.6	5.4

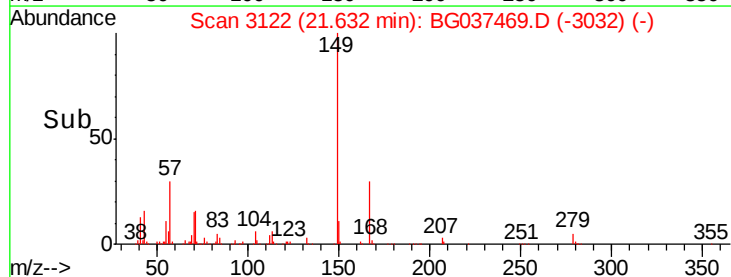
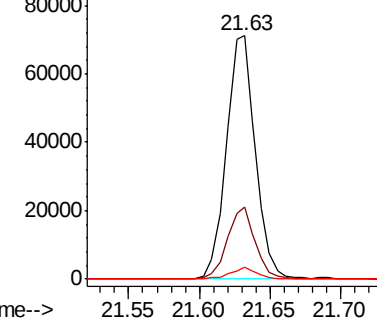


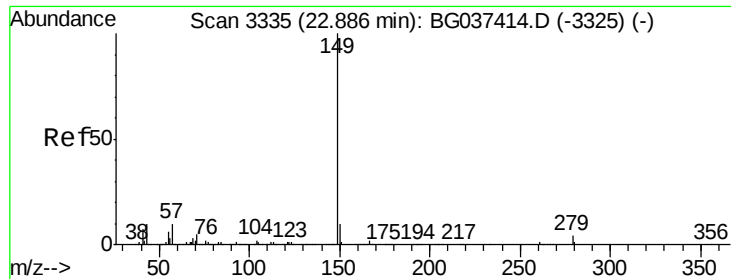
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





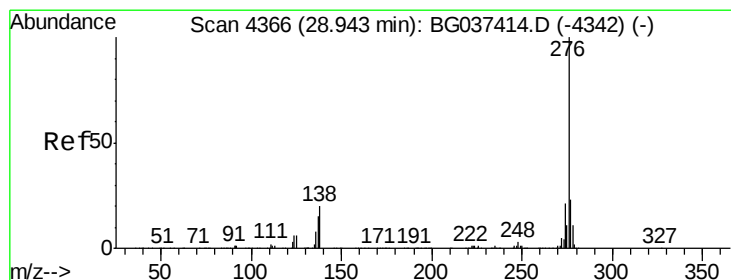
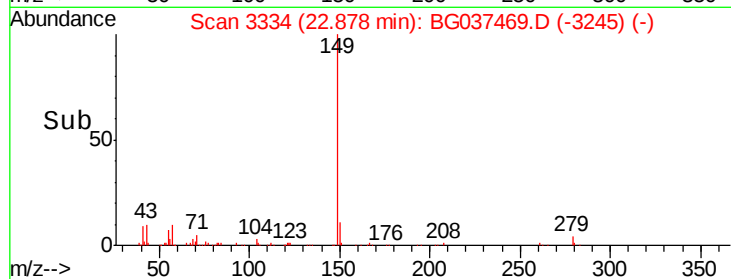
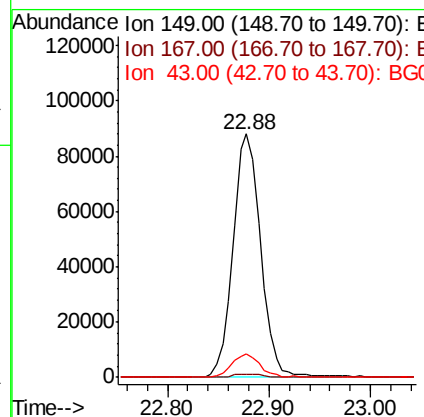
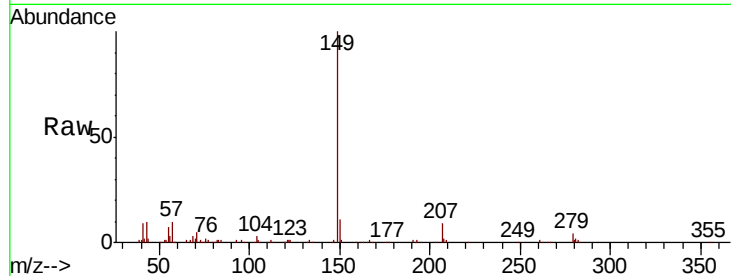
#85
Di-n-octyl phthalate
Concen: 7.379 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.3	1.9
43	9.9	8.7	13.1

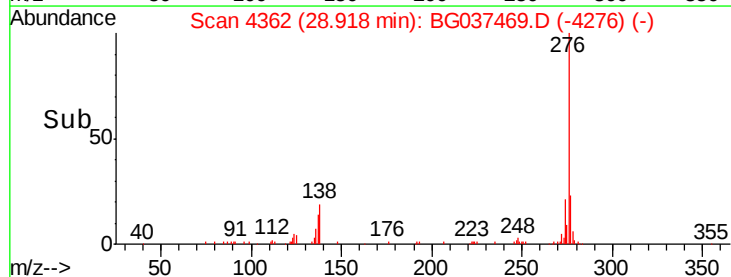
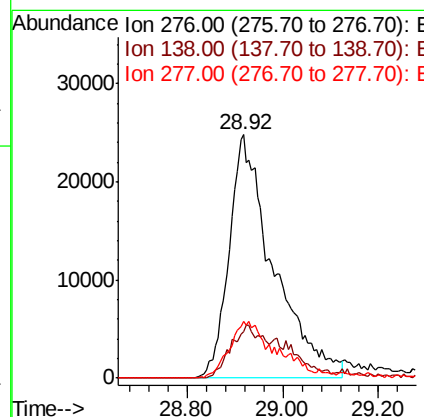
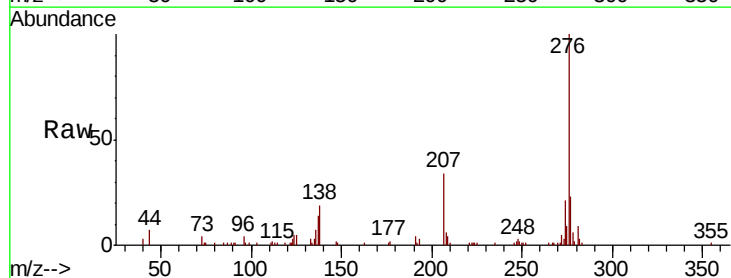
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#86
Indeno(1,2,3-cd)pyrene
Concen: 7.072 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.8	12.0	18.0
277	20.6	20.6	30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

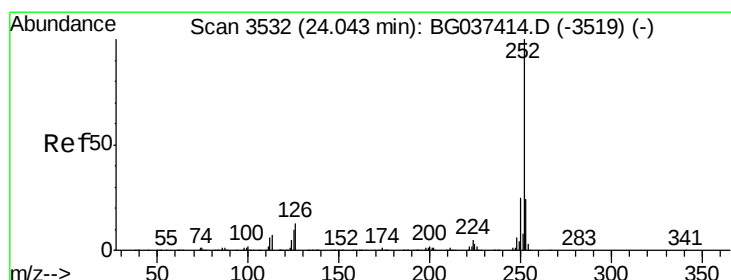
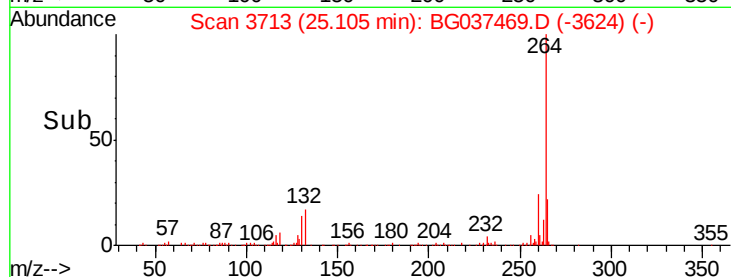
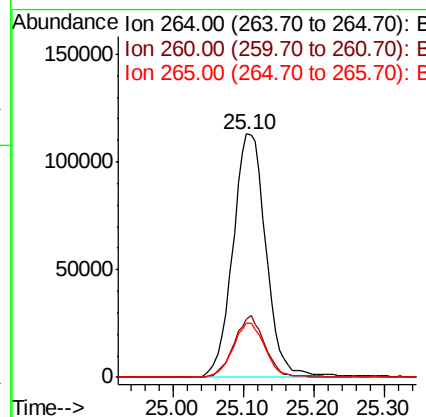
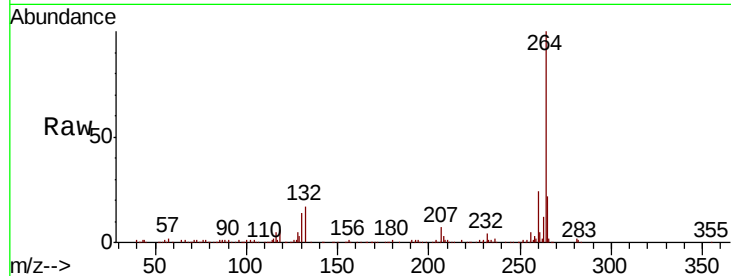
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	264	Resp:	366574
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	22.4	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 8.538 ng

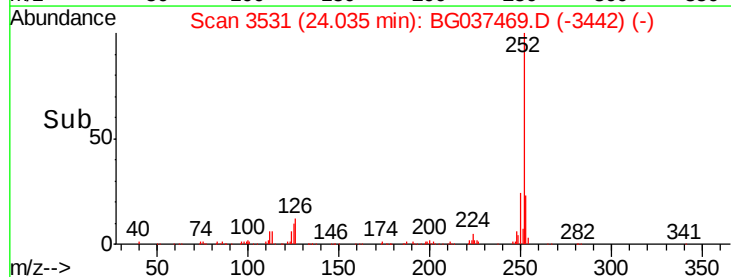
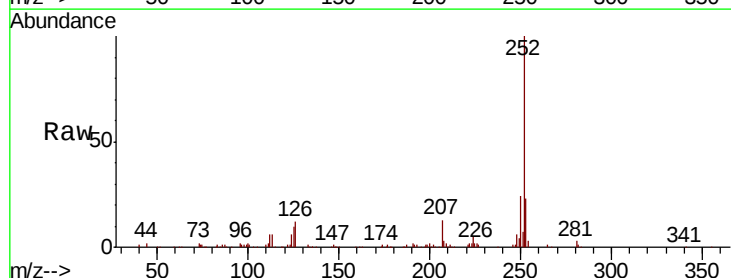
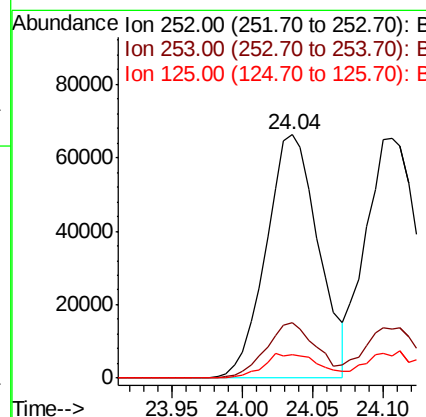
RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:	252	Resp:	171591
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	9.5	7.8	11.6





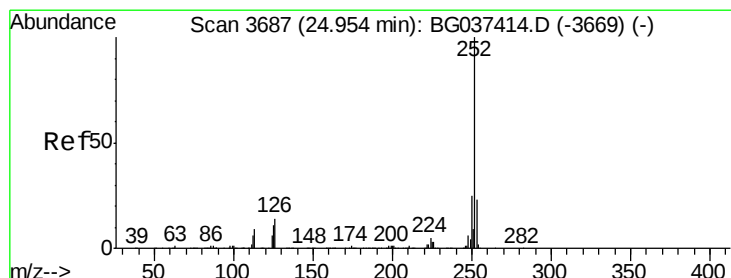
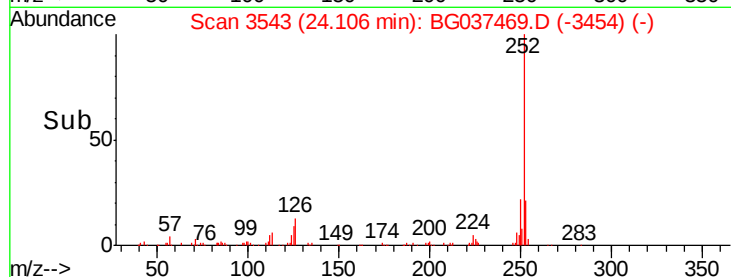
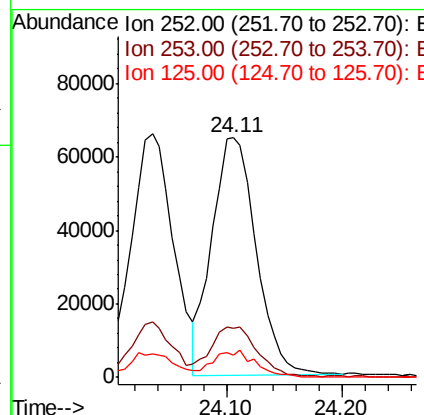
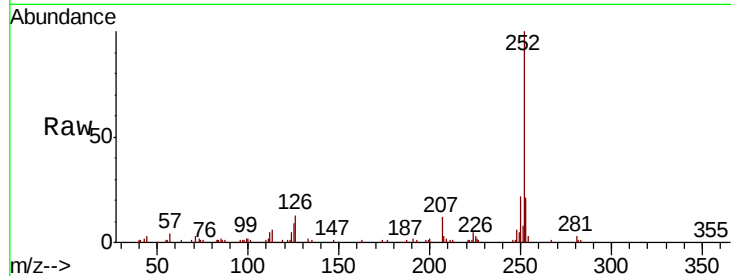
#89
Benzo(k)fluoranthene
Concen: 8.790 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.2
125	9.1	7.4	11.0

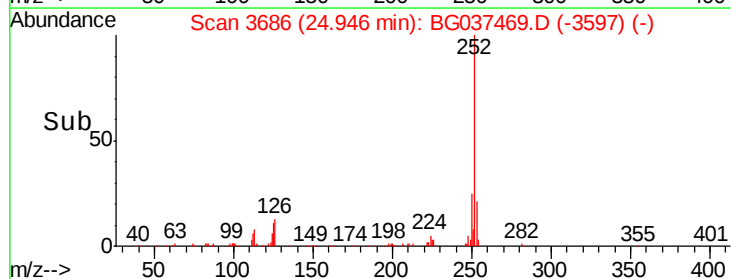
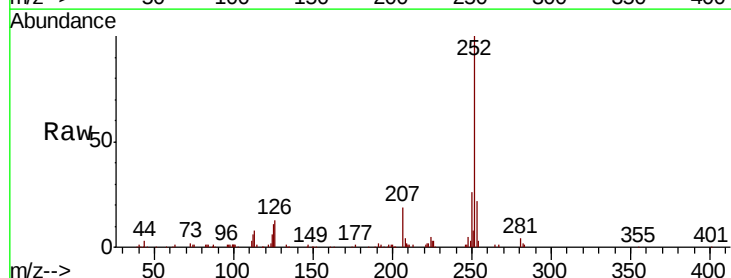
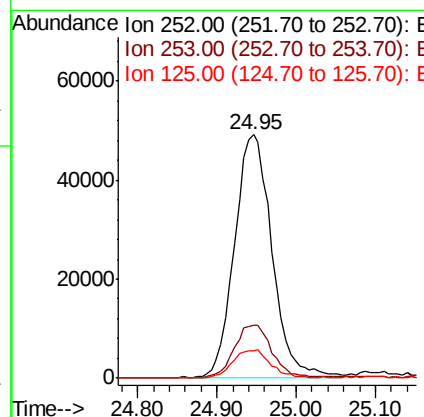
Manual Integrations
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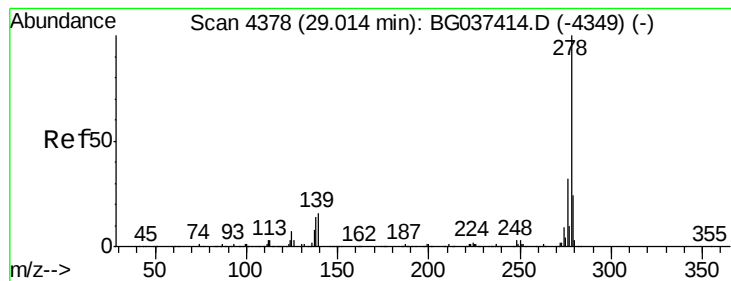
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#90
Benzo(a)pyrene
Concen: 8.478 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.4	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 7.030 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

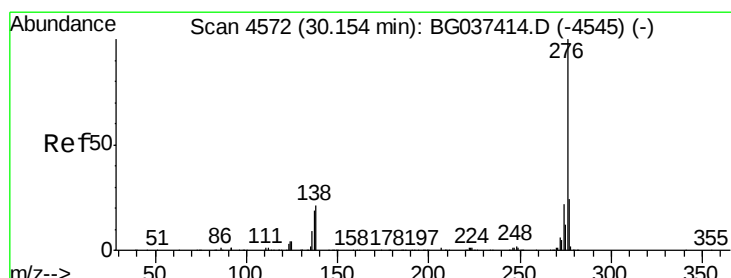
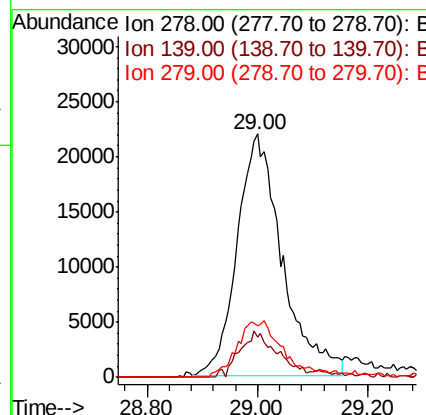
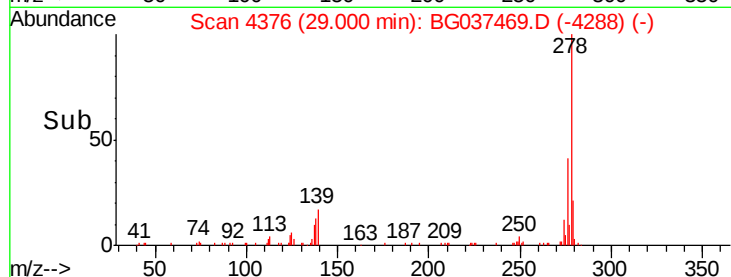
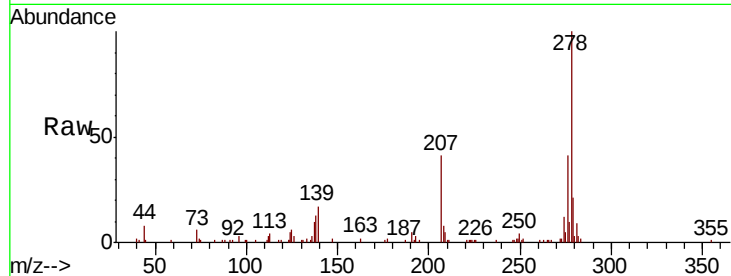
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	16.7	11.5	17.3	
279	21.2	18.6	27.8	

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 7.822 ng

RT: 30.12 min Scan# 4567

Delta R.T. -0.03 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	22.8	18.9	28.3	
138	21.2	17.2	25.8	

