

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043885.D
 Acq On : 3 Jan 2020 12:52
 Operator : JU
 Sample : K5111-09
 Misc : MDL-MDL-WTR-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:43 AM

Quant Time: Jan 03 13:30:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 12:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	114045	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	522331	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	357654	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	784589	20.00	ng	0.00
76) Chrysene-d12	21.58	240	695127	20.00	ng	0.00
87) Perylene-d12	24.72	264	779111	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	876085	141.05	ng	0.00
7) Phenol-d6	7.12	99	1231831	141.88	ng	0.00
23) Nitrobenzene-d5	9.12	82	956846	98.00	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	536706	143.40	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2064325	104.57	ng	0.00
79) Terphenyl-d14	19.95	244	2822293	98.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	22066	8.148	ng	91
3) Pyridine	3.83	79	55623	6.952	ng	90
4) n-Nitrosodimethylamine	3.75	42	24571	6.898	ng	# 98
6) Aniline	7.28	93	90662	7.950	ng	98
8) 2-Chlorophenol	7.53	128	56229	7.711	ng	95
9) Benzaldehyde	7.09	77	55152	9.925	ng	99
10) Phenol	7.15	94	70530	7.885	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	61563	7.973	ng	97
12) 1,3-Dichlorobenzene	7.85	146	65870	7.720	ng	96
13) 1,4-Dichlorobenzene	8.00	146	66227	7.866	ng	99
14) 1,2-Dichlorobenzene	8.32	146	62289	7.708	ng	96
15) Benzyl Alcohol	8.19	79	50307	7.342	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	87140	7.294	ng	99
17) 2-Methylphenol	8.40	107	46498	7.183	ng	94
18) Hexachloroethane	9.05	117	24133	7.367	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	48845	7.554	ng	# 93
20) 3+4-Methylphenols	8.73	107	66521	7.366	ng	98
22) Acetophenone	8.78	105	97218	7.487	ng	99
24) Nitrobenzene	9.16	77	72061	7.452	ng	98
25) Isophorone	9.68	82	136663	7.461	ng	96
26) 2-Nitrophenol	9.87	139	27842	6.085	ng	98
27) 2,4-Dimethylphenol	9.93	122	37388	5.429	ng	94
28) bis(2-Chloroethoxy)methane	10.17	93	89914	7.363	ng	97
29) 2,4-Dichlorophenol	10.41	162	54992	6.694	ng	94
30) 1,2,4-Trichlorobenzene	10.63	180	67247	7.301	ng	96
31) Naphthalene	10.81	128	204045	8.073	ng	97
32) Benzoic acid	10.00	122	12811m	2.493	ng	
33) 4-Chloroaniline	10.91	127	85026	7.053	ng	97
34) Hexachlorobutadiene	11.11	225	39190	6.968	ng	98
35) Caprolactam	11.65	113	20968	6.856	ng	91
36) 4-Chloro-3-methylphenol	12.04	107	60113	6.874	ng	96
37) 2-Methylnaphthalene	12.42	142	152921	8.036	ng	99
38) 1-Methylnaphthalene	12.64	142	148486	8.233	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	75779	7.229	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	37871	6.968	nq	93
43) 2,4,6-Trichlorophenol	13.03	196	42569	5.902	nq	95
44) 2,4,5-Trichlorophenol	13.09	196	49512	6.655	nq	96
46) 1,1'-Biphenyl	13.43	154	203586	7.939	nq	97
47) 2-Chloronaphthalene	13.47	162	152496	7.359	nq	98
48) 2-Nitroaniline	13.66	65	40117	6.019	nq	94
49) Acenaphthylene	14.31	152	247439	8.308	nq	95
50) Dimethylphthalate	14.05	163	202826	7.987	nq	97
51) 2,6-Dinitrotoluene	14.15	165	38473	6.703	nq	90
52) Acenaphthene	14.66	154	153596	7.354	nq	99
53) 3-Nitroaniline	14.48	138	43249	6.635	nq	96
54) 2,4-Dinitrophenol	14.69	184	8637	3.338	nq	89
55) Dibenzofuran	14.99	168	251989	8.764	nq	93
56) 4-Nitrophenol	14.79	139	32522	6.511	nq	94
57) 2,4-Dinitrotoluene	14.94	165	51314	6.570	nq	94
58) Fluorene	15.64	166	194357	8.529	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	46215	7.224	nq	98
60) Diethylphthalate	15.41	149	207330	8.163	nq	94
61) 4-Chlorophenyl-phenylether	15.64	204	97746	7.899	nq	96
62) 4-Nitroaniline	15.64	138	44867	6.970	nq	94
63) Azobenzene	15.93	77	196409	8.338	nq	96
65) 4,6-Dinitro-2-methylphenol	15.71	198	19068	4.997	nq	93
66) n-Nitrosodiphenylamine	15.84	169	177303	7.674	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	62029	7.029	nq	92
68) Hexachlorobenzene	16.65	284	67505	7.100	nq	98
69) Atrazine	16.79	200	54078	7.200	nq	99
70) Pentachlorophenol	16.98	266	25282	4.823	nq	93
71) Phenanthrene	17.38	178	317226	8.429	nq	93
72) Anthracene	17.46	178	316781	8.517	nq	94
73) Carbazole	17.73	167	285832	8.320	nq	94
74) Di-n-butylphthalate	18.31	149	347424	7.921	nq	# 93
75) Fluoranthene	19.39	202	366800	8.523	nq	93
77) Benzidine	19.56	184	129235	7.396	nq	99
78) Pyrene	19.74	202	384038	8.464	nq	91
80) Butylbenzylphthalate	20.64	149	142497	6.596	nq	93
81) Benzo(a)anthracene	21.57	228	355543	8.249	nq	92
82) 3,3'-Dichlorobenzidine	21.48	252	125401	7.364	nq	94
83) Chrysene	21.63	228	332608	8.121	nq	92
84) Bis(2-ethylhexyl)phthalate	21.50	149	218090	7.317	nq	93
85) Di-n-octyl phthalate	22.68	149	350325	6.991	nq	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	384172	6.902	nq	# 90
88) Benzo(b)fluoranthene	23.72	252	339709	7.376	nq	95
89) Benzo(k)fluoranthene	23.79	252	352731	8.053	nq	95
90) Benzo(a)pyrene	24.56	252	312928	7.198	nq	97
91) Dibenzo(a,h)anthracene	28.31	278	327945	7.512	nq	95
92) Benzo(g,h,i)perylene	29.34	276	318569	7.346	nq	94

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



#1

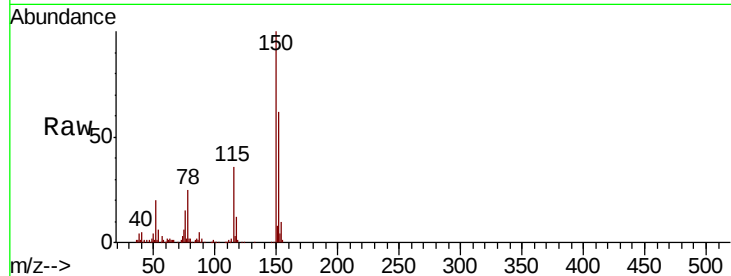
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.0	190.4
115	57.3	47.8	71.8

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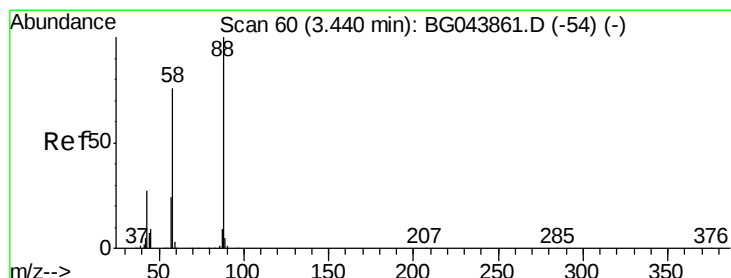
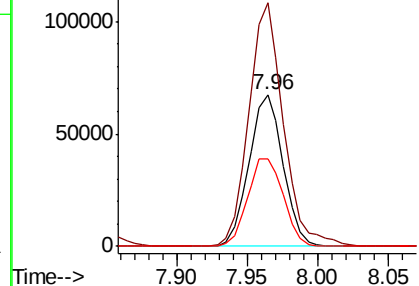
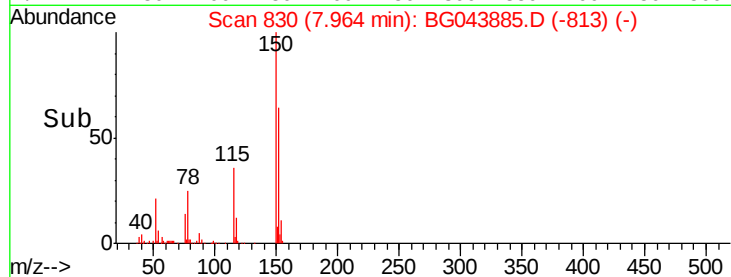


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

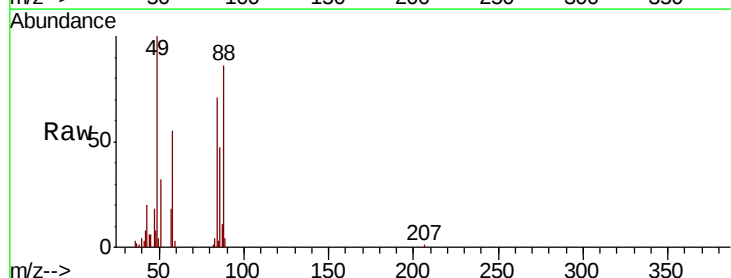
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 8.148 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	59.8	89.8
43	27.1	22.9	34.3

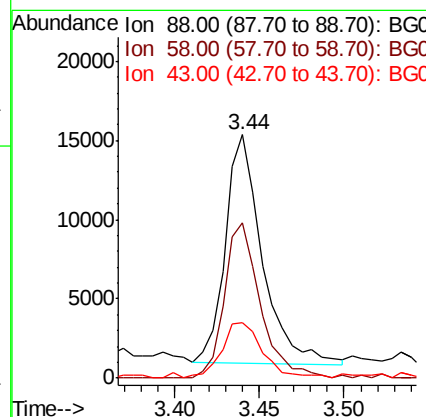
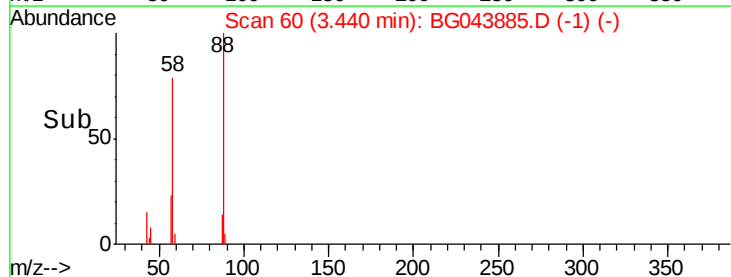


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 6.952 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

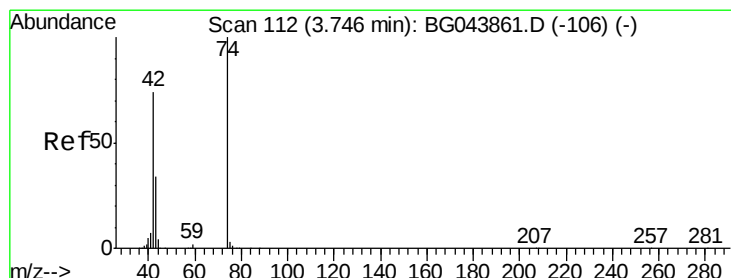
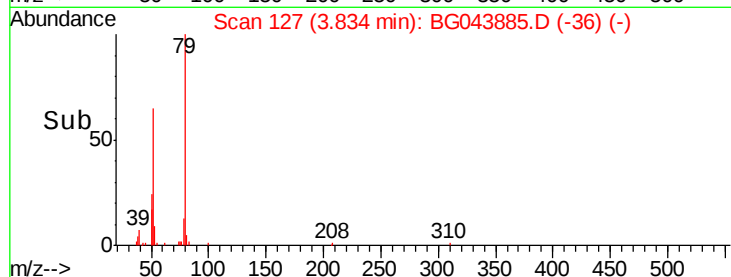
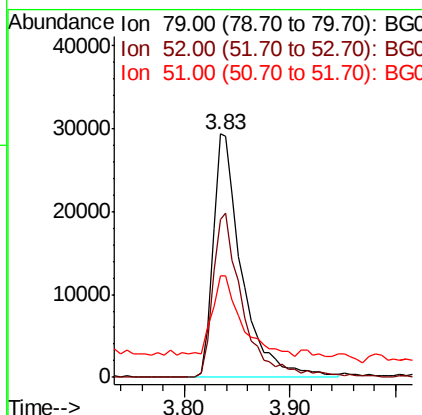
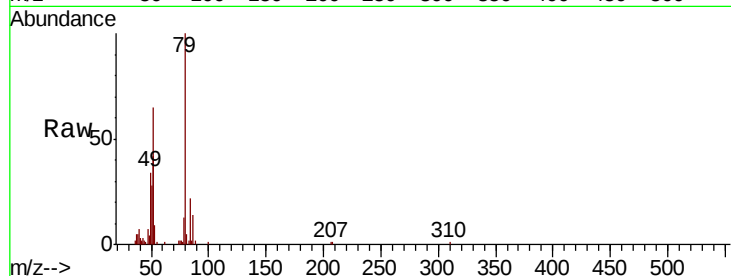
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	79	Resp:	55623
Ion	Ratio	Lower	Upper
79	100		
52	64.9	58.9	88.3
51	41.8	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 6.898 ng

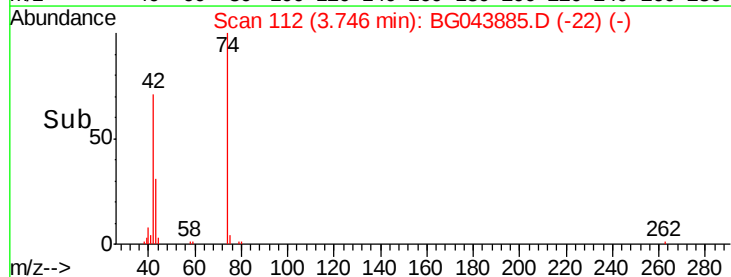
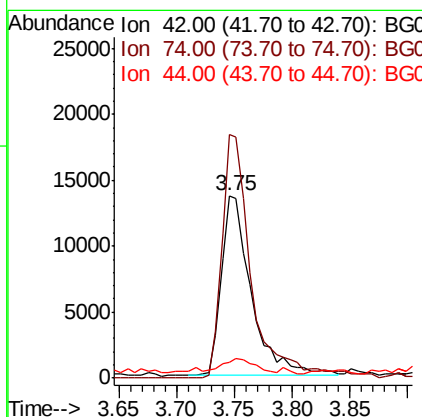
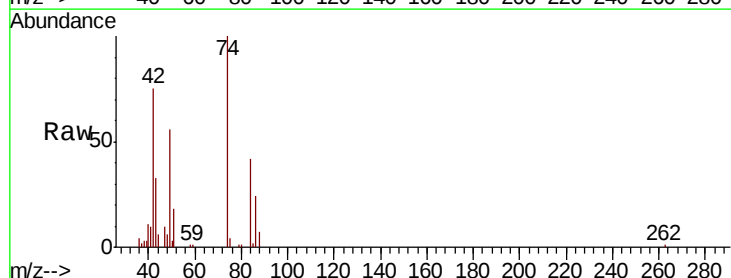
RT: 3.75 min Scan# 112

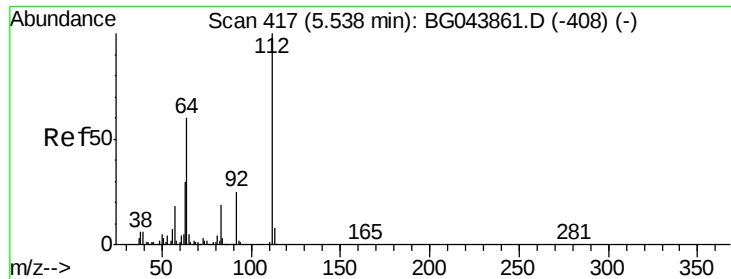
Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	42	Resp:	24571
Ion	Ratio	Lower	Upper
42	100		
74	133.4	108.6	162.8
44	8.5	5.0	7.6#





#5

2-Fluorophenol

Concen: 141.049 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

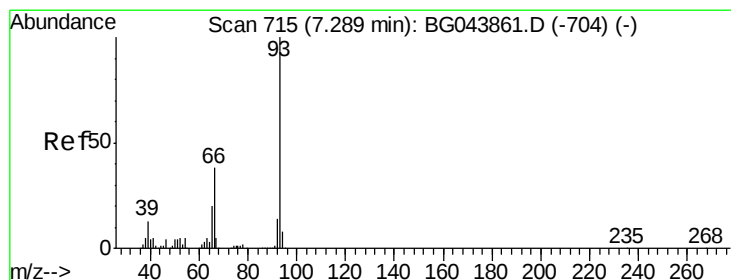
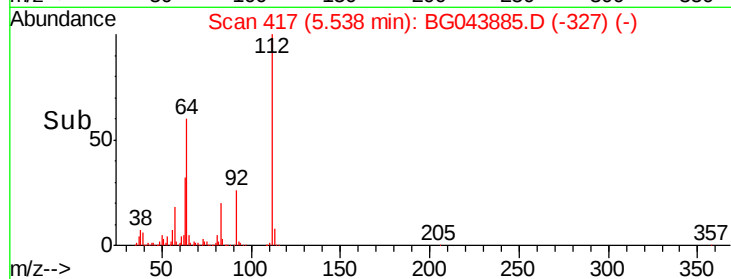
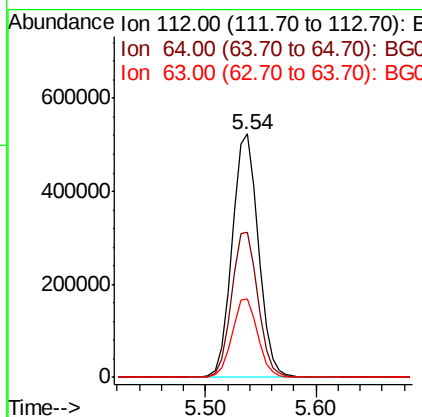
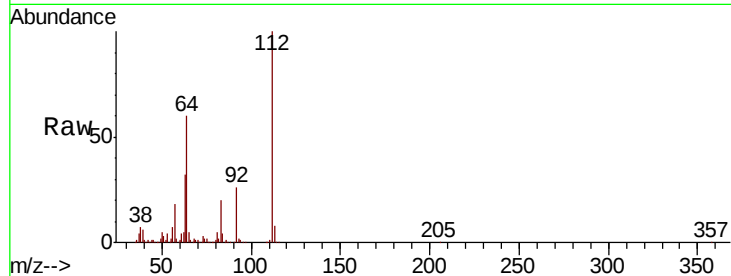
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	112	Resp:	876085
Ion Ratio	Lower	Upper	
112	100		
64	59.6	47.8	71.6
63	32.2	24.3	36.5

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#6

Aniline

Concen: 7.950 ng

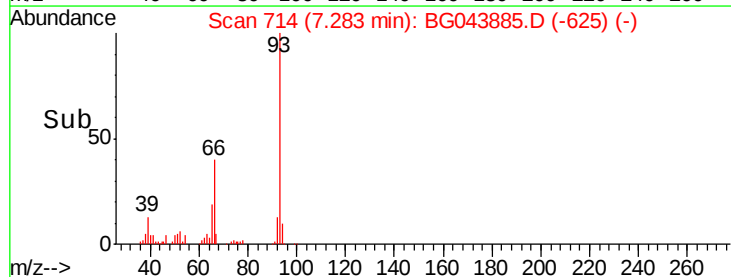
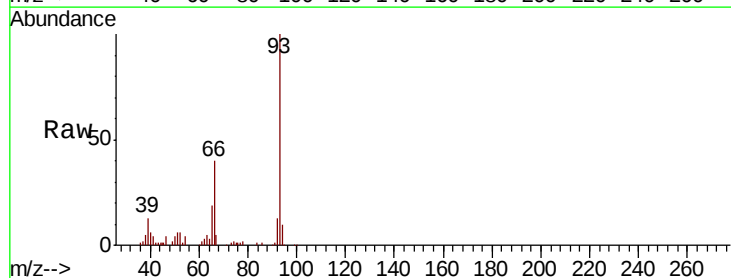
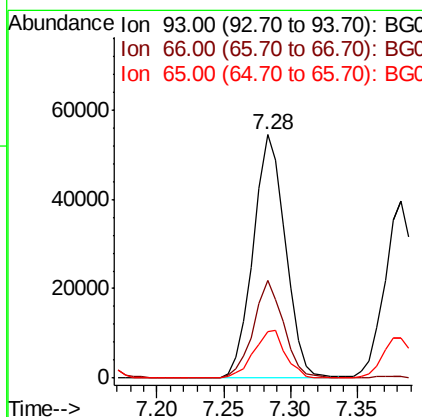
RT: 7.28 min Scan# 714

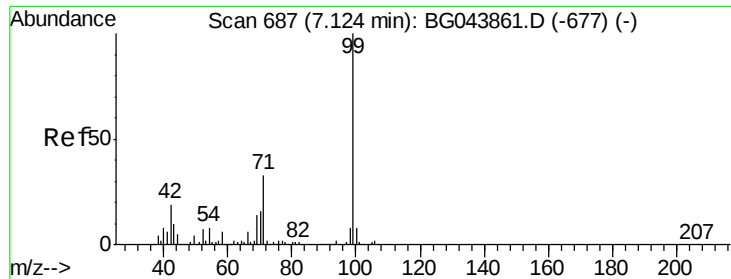
Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	93	Resp:	90662
Ion Ratio	Lower	Upper	
93	100		
66	39.9	30.8	46.2
65	19.3	16.0	24.0





#7

Phenol-d6

Concen: 141.881 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

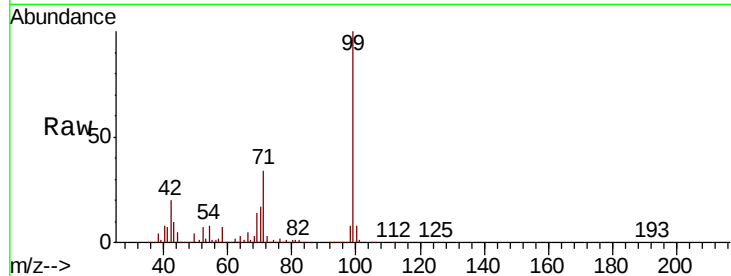
ClientSampleId :

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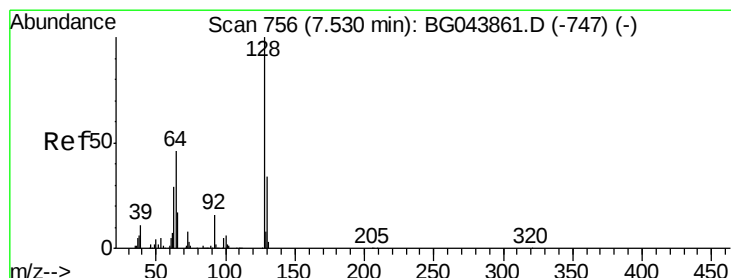
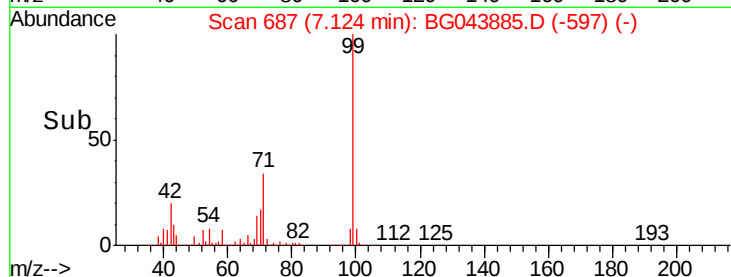
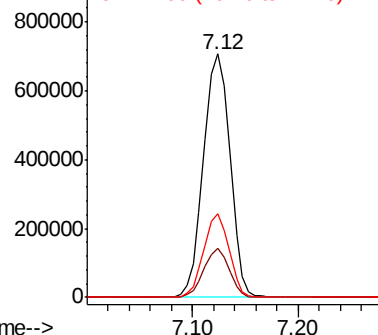
Tot Ion:	99	Resp:	1231831
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.9	22.3
71	34.2	26.4	39.6

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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: 7.711 ng

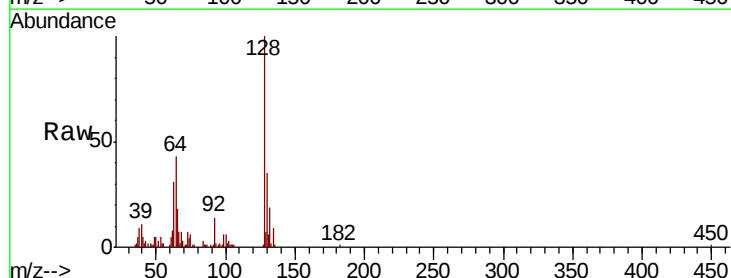
RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

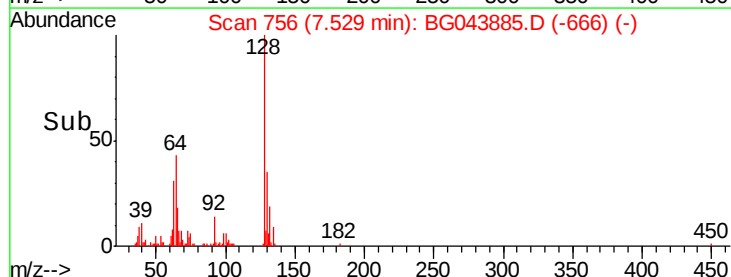
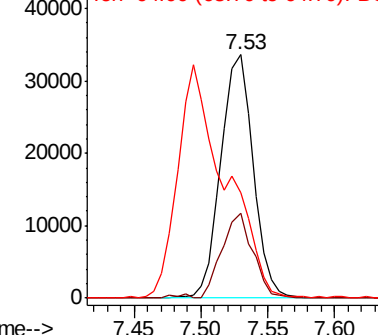
Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	128	Resp:	56229
Ion	Ratio	Lower	Upper
128	100		
130	34.8	13.8	53.8
64	43.2	27.6	67.6



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: 9.925 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

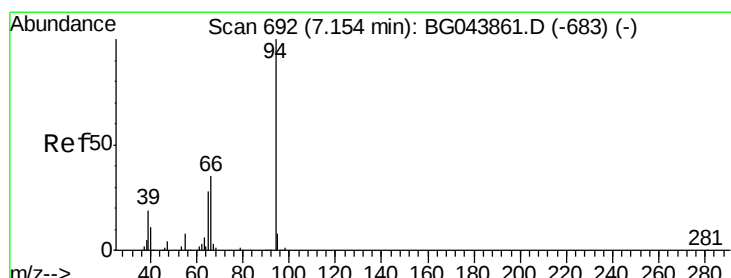
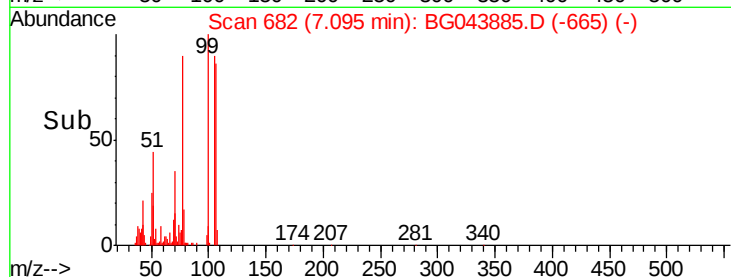
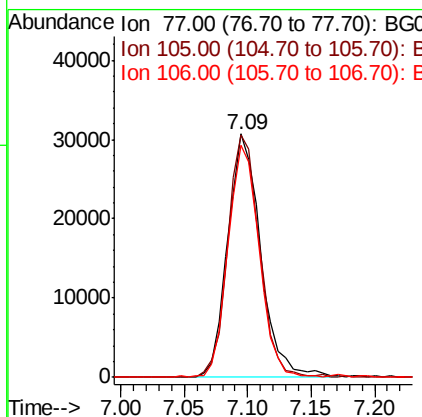
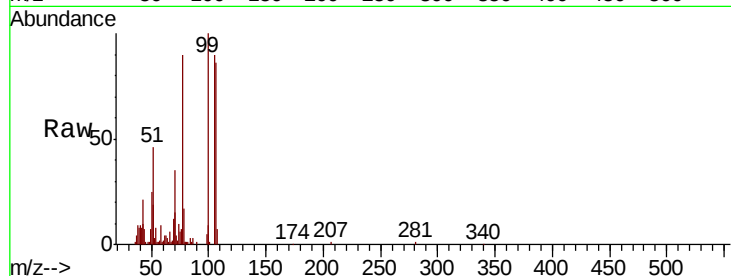
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	80.2	120.2
106	95.5	77.2	117.2

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#10

Phenol

Concen: 7.885 ng

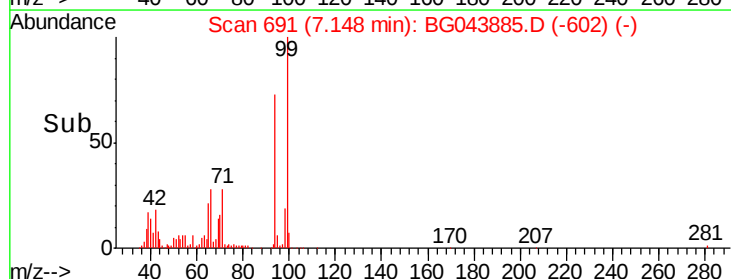
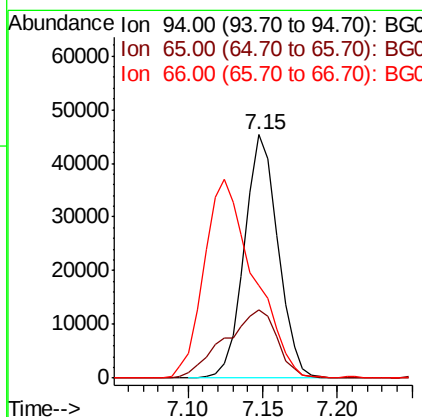
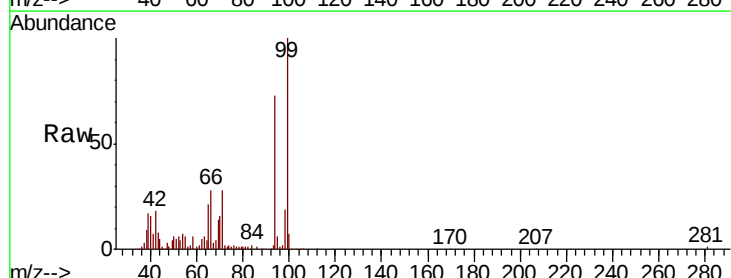
RT: 7.15 min Scan# 691

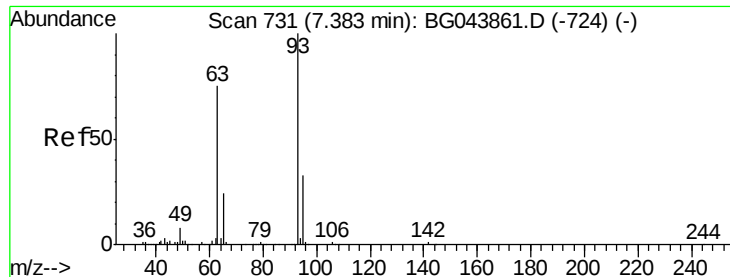
Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.1	48.1
66	38.3	15.6	55.6





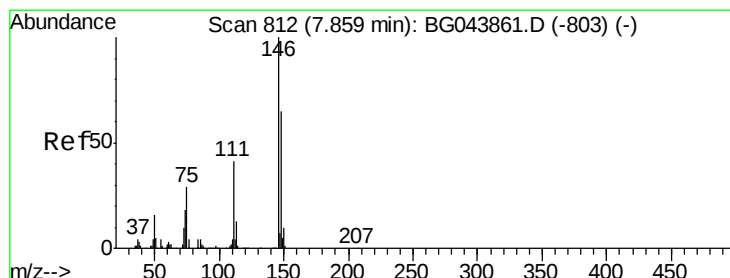
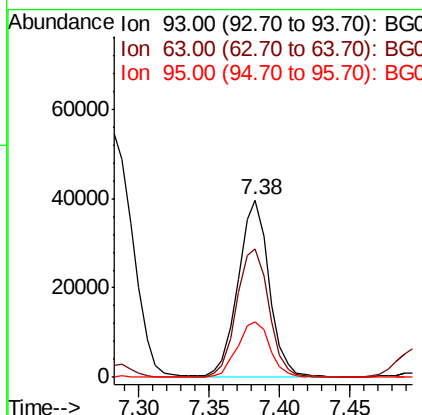
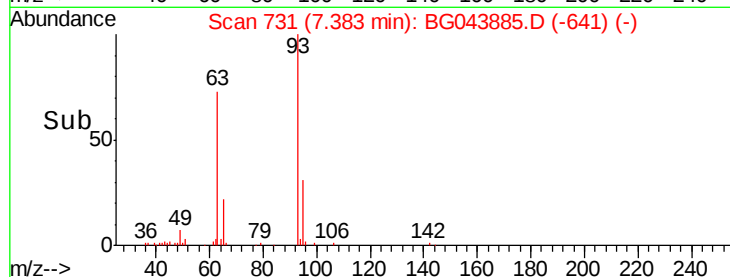
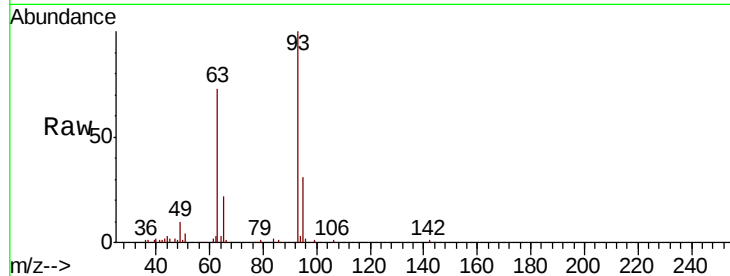
#11
bis(2-Chloroethyl)ether
Concen: 7.973 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	55.0	95.0
95	31.5	13.3	53.3

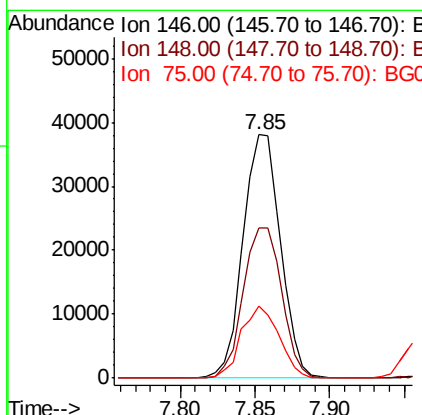
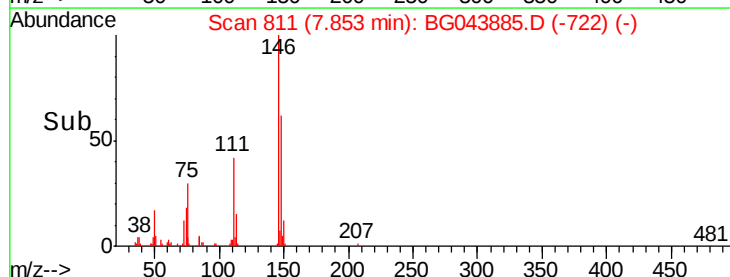
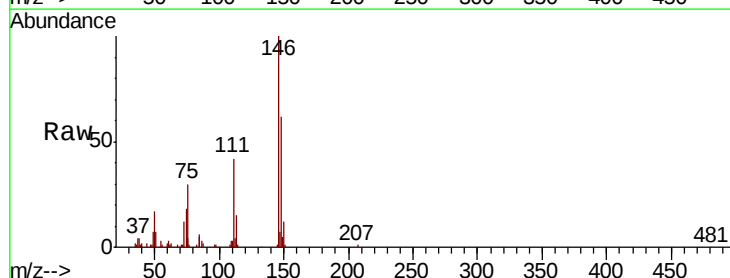
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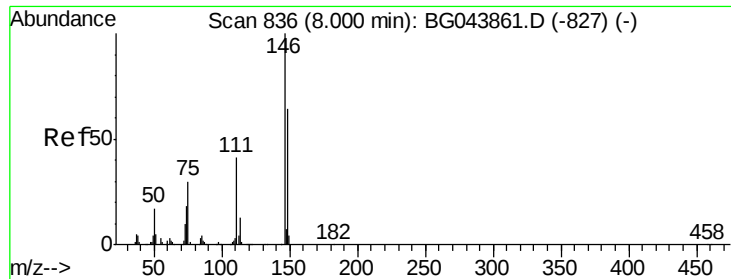
mohammad
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#12
1,3-Dichlorobenzene
Concen: 7.720 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.1	78.1
75	29.7	23.0	34.4





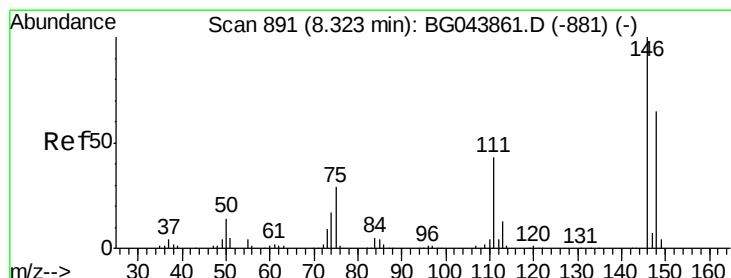
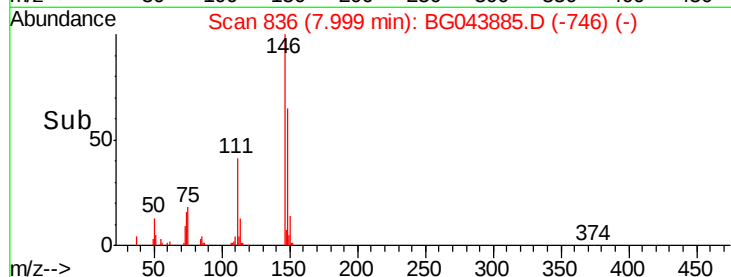
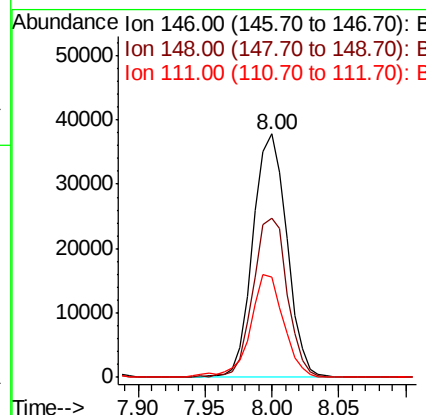
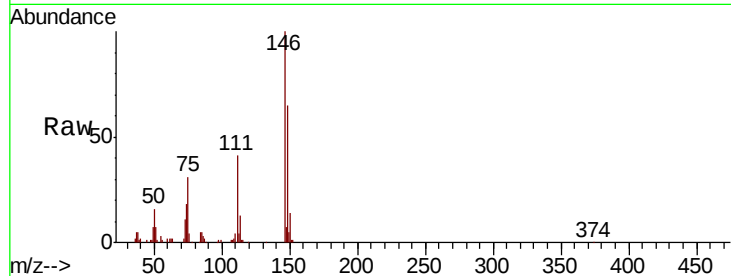
#13
1,4-Dichlorobenzene
Concen: 7.866 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.2	76.8
111	41.1	33.1	49.7

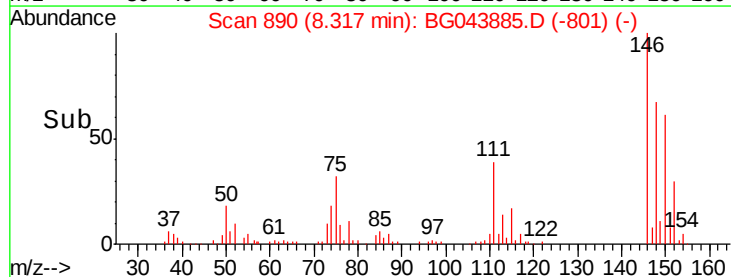
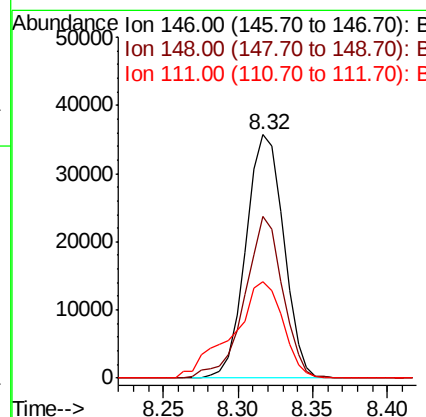
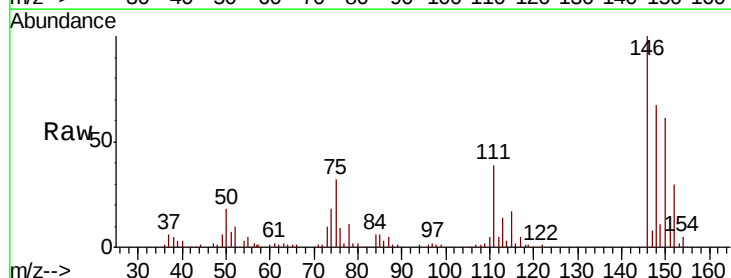
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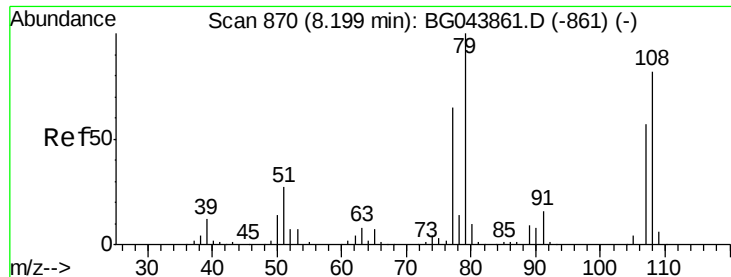
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#14
1,2-Dichlorobenzene
Concen: 7.708 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.7	77.5
111	39.5	34.4	51.6





#15

Benzyl Alcohol

Concen: 7.342 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

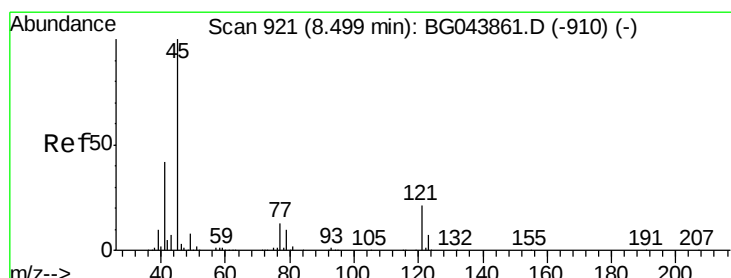
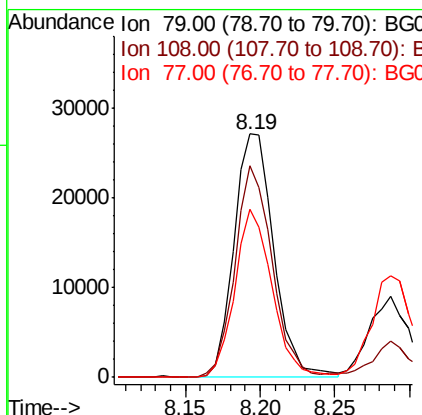
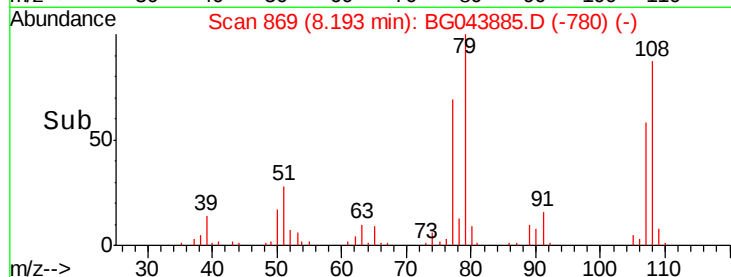
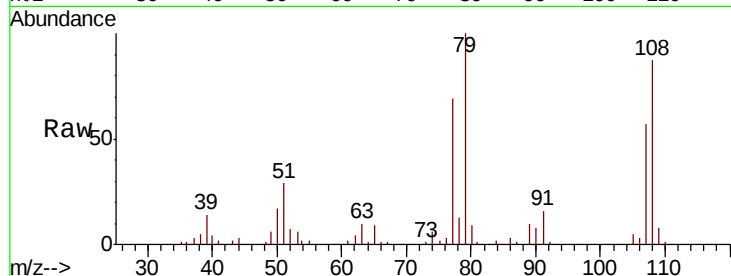
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	79	Resp:	50307
Ion	Ratio	Lower	Upper
79	100		
108	86.7	65.6	98.4
77	68.9	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.294 ng

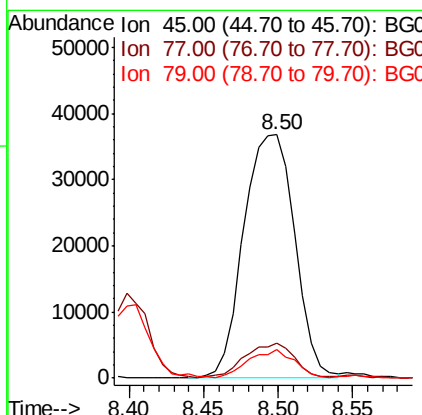
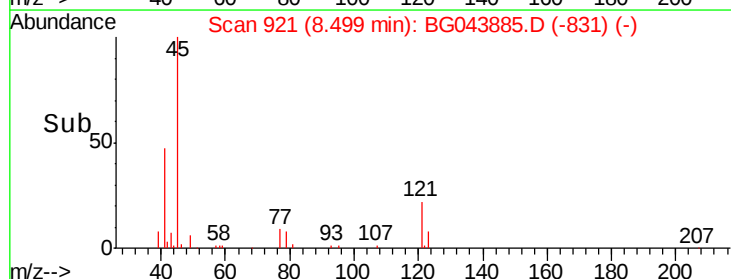
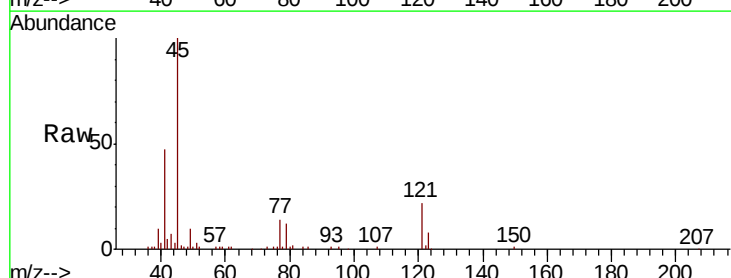
RT: 8.50 min Scan# 921

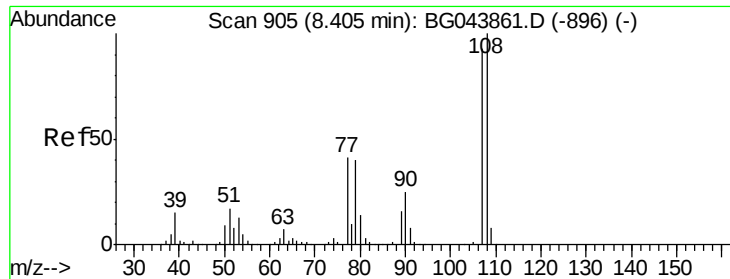
Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	45	Resp:	87140
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.8
79	11.7	0.0	31.0





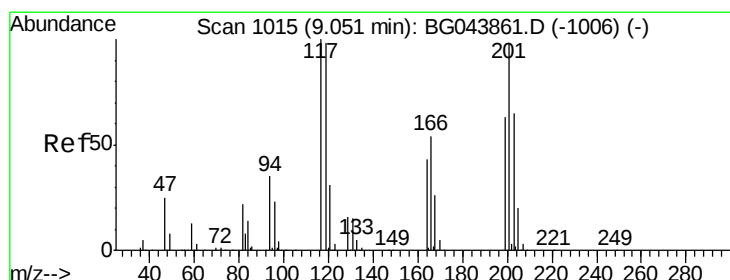
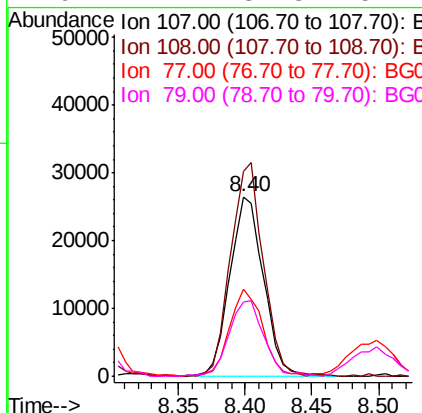
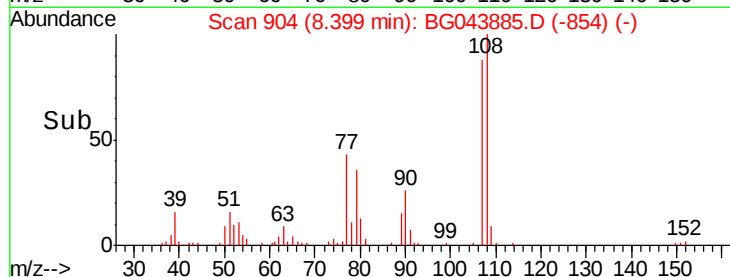
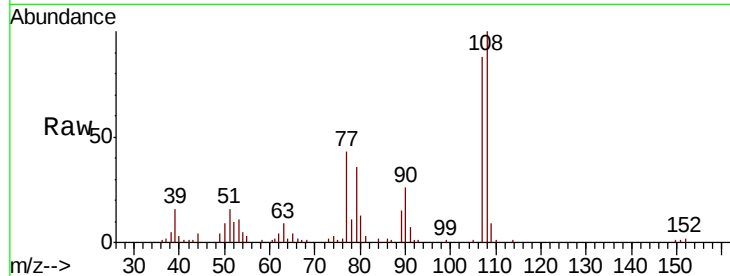
#17
2-Methylphenol
Concen: 7.183 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:	107	Resp:	46498
Ion Ratio	Lower	Upper	
107	100		
108	114.0	86.1	129.1
77	48.6	35.4	53.0
79	41.2	34.8	52.2

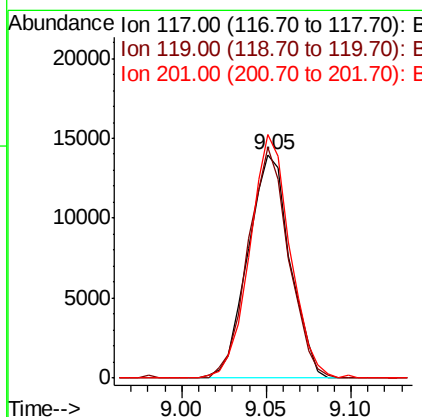
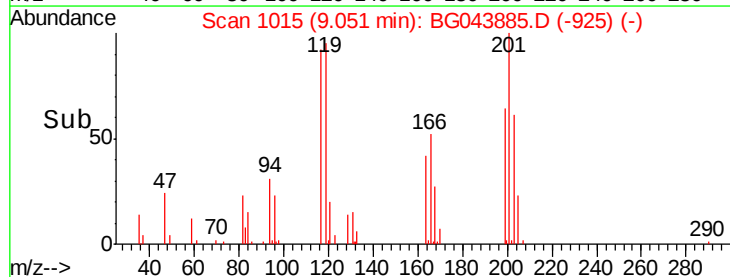
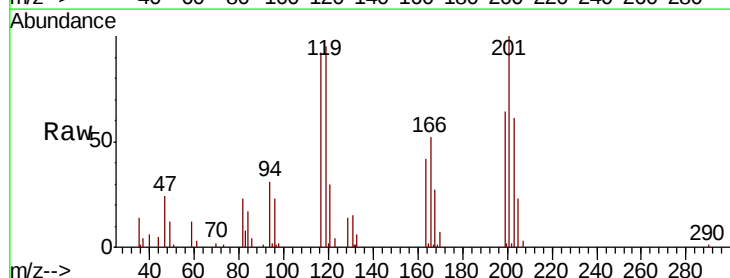
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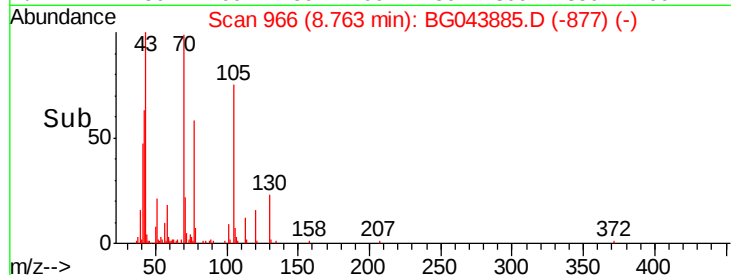
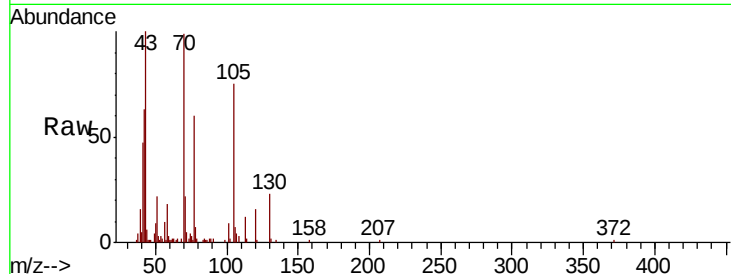
mohammad
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#18
Hexachloroethane
Concen: 7.367 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion:	117	Resp:	24133
Ion Ratio	Lower	Upper	
117	100		
119	103.6	78.1	117.1
201	109.0	78.6	117.8





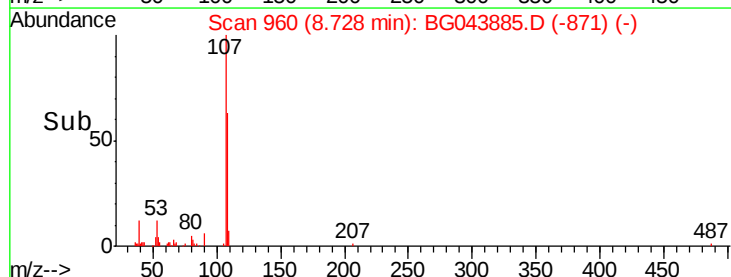
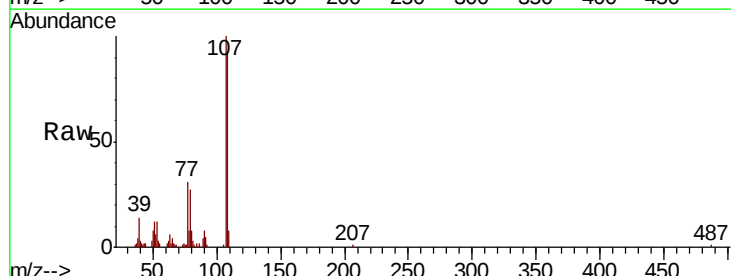
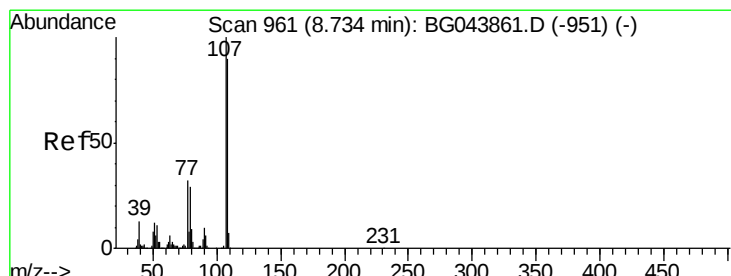
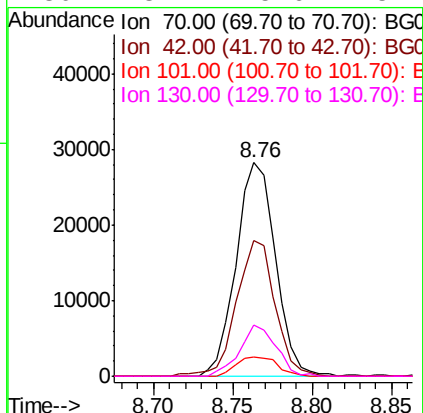
#19
n-Nitroso-di-n-propylamine
Concen: 7.554 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	47.0	70.4	
101	9.2	7.2	10.8	
130	23.7	15.6	23.4	

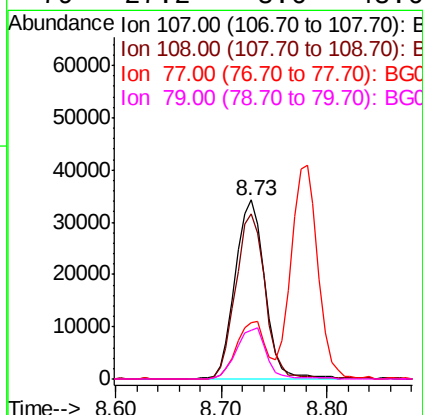
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#20
3+4-Methylphenols
Concen: 7.366 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	70.3	110.3	
77	31.3	12.4	52.4	
79	27.2	8.6	48.6	





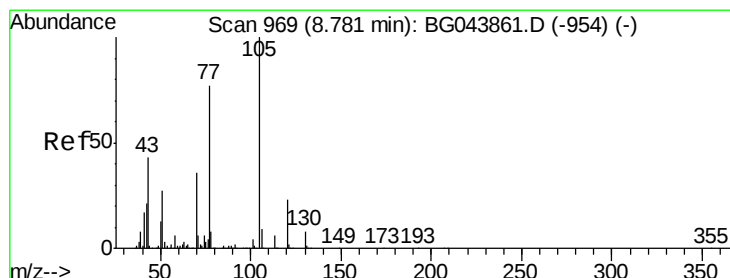
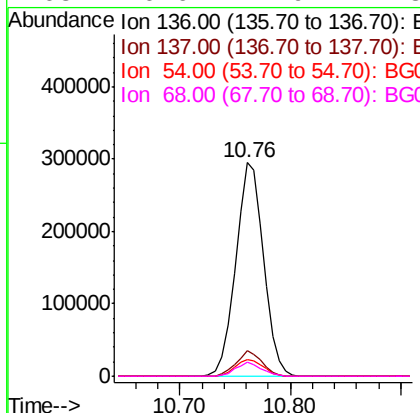
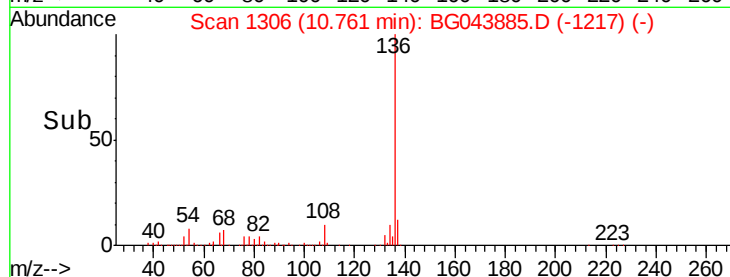
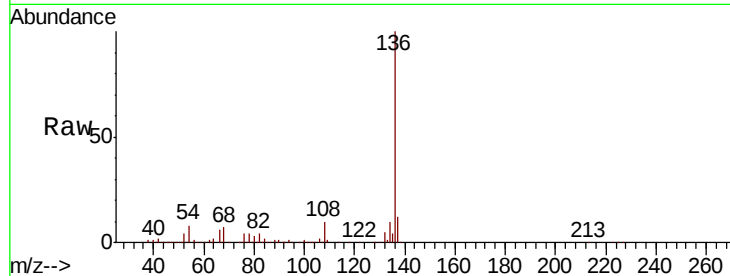
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		522331		
137	11.8	8.8	13.2		
54	7.6	7.0	10.4		
68	6.6	4.9	7.3		

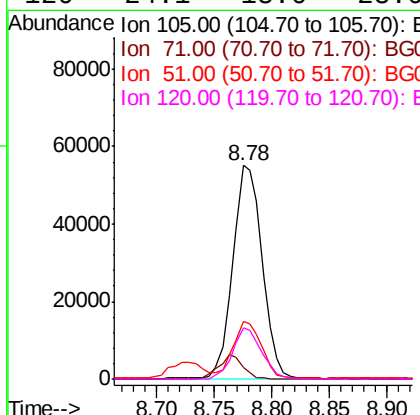
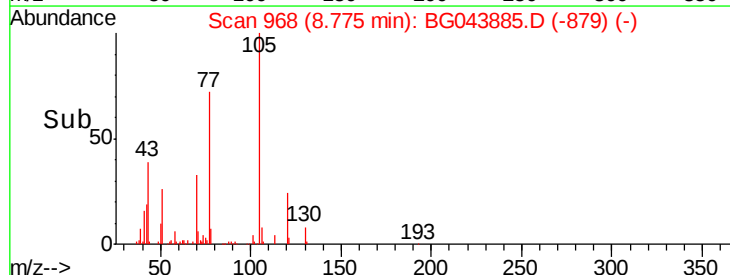
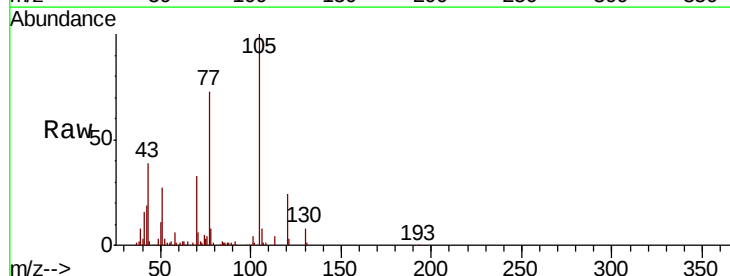
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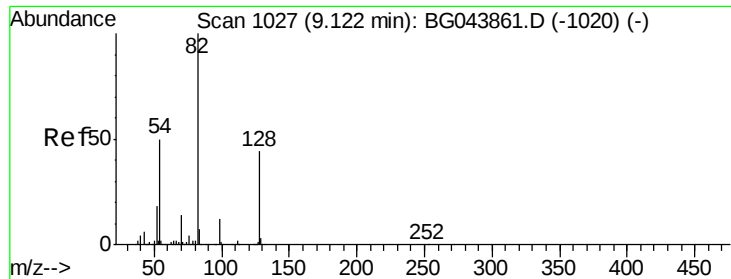
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#22
Acetophenone
Concen: 7.487 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		97218		
71	5.6	4.8	7.2		
51	27.0	21.4	32.0		
120	24.1	18.6	28.0		





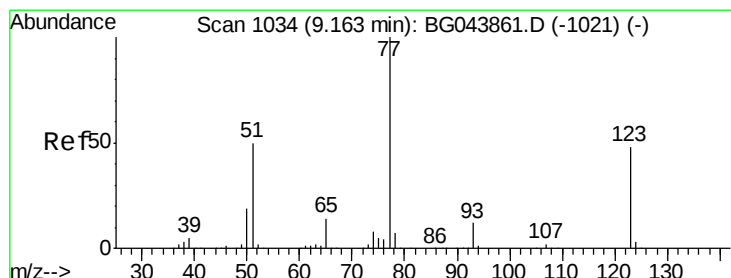
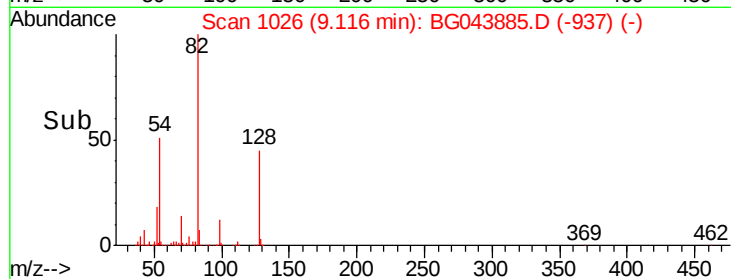
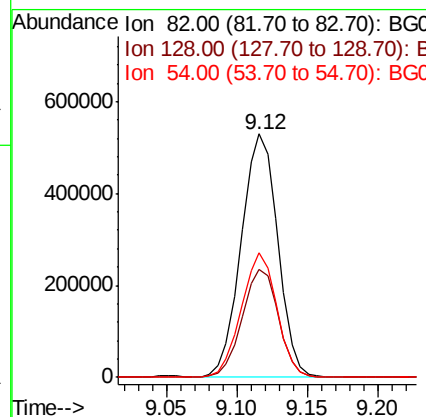
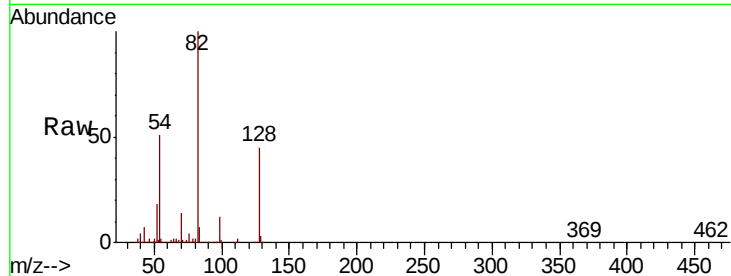
#23
Nitrobenzene-d5
Concen: 97.998 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	35.1	52.7	
54	51.3	40.1	60.1	

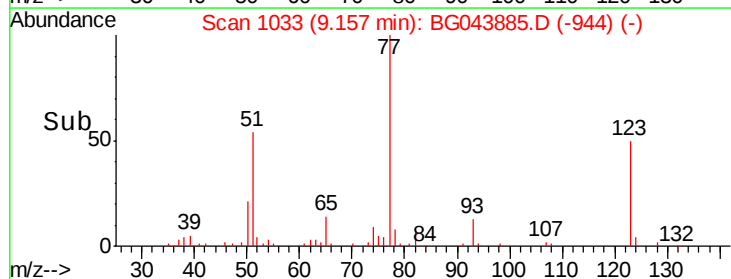
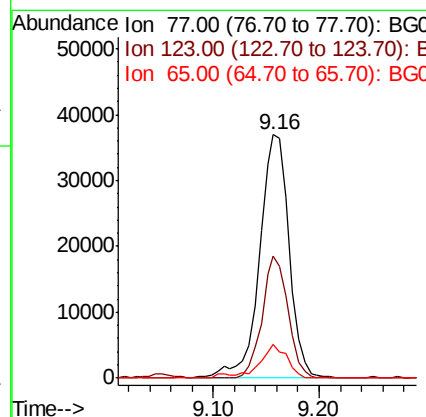
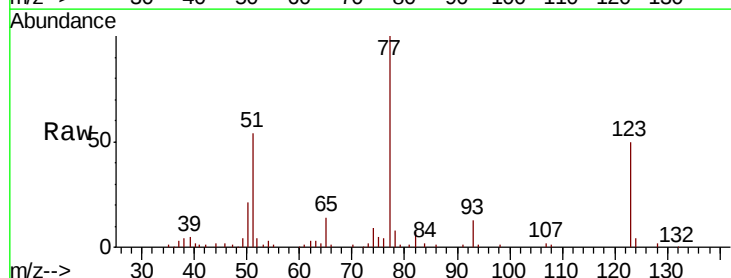
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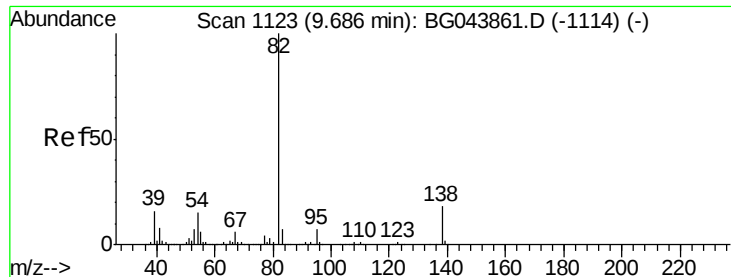
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#24
Nitrobenzene
Concen: 7.452 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.0	38.7	58.1	
65	13.6	11.1	16.7	





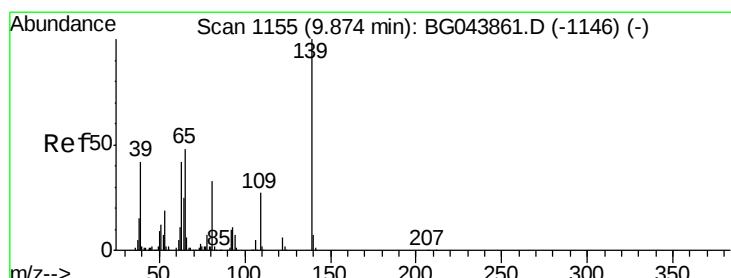
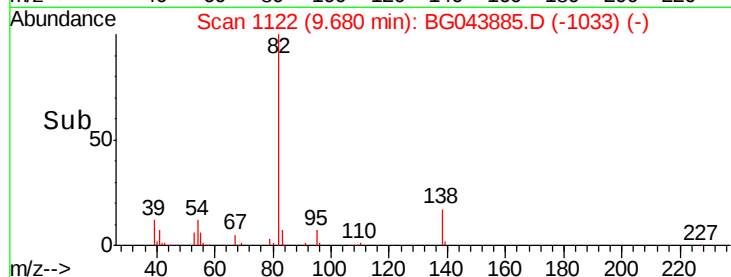
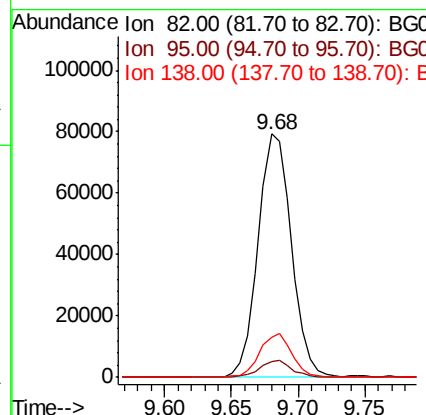
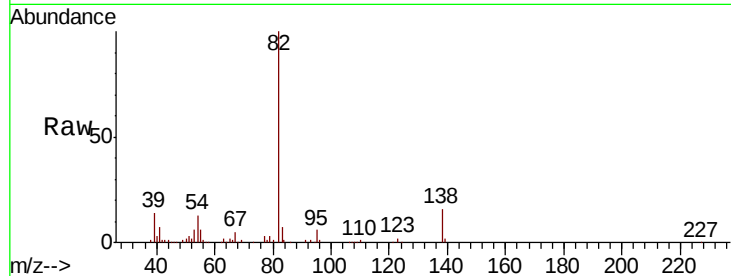
#25
Isophorone
Concen: 7.461 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	5.8	8.6	
138	16.2	14.6	22.0	

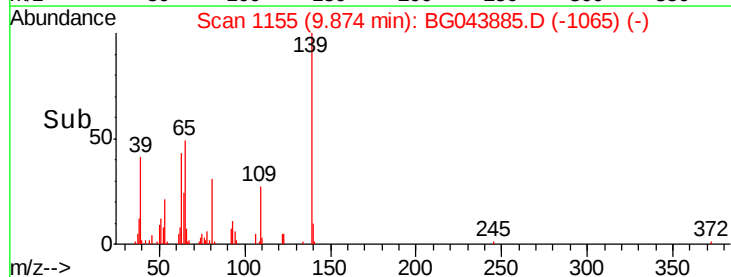
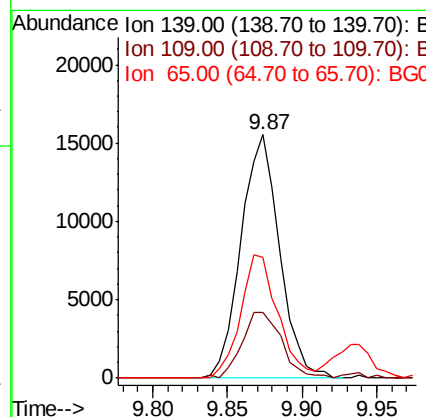
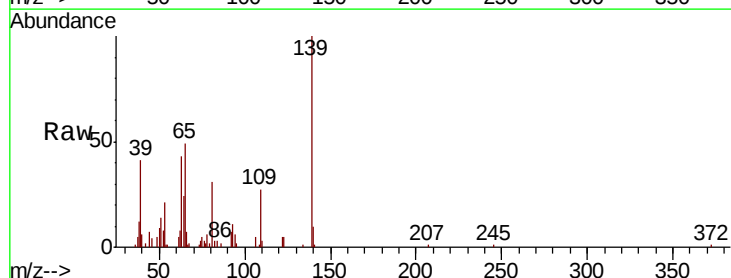
Manual Integrations
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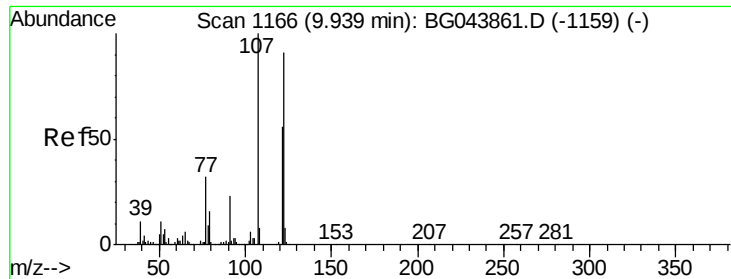
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#26
2-Nitrophenol
Concen: 6.085 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.1	21.3	31.9	
65	49.4	38.6	57.8	





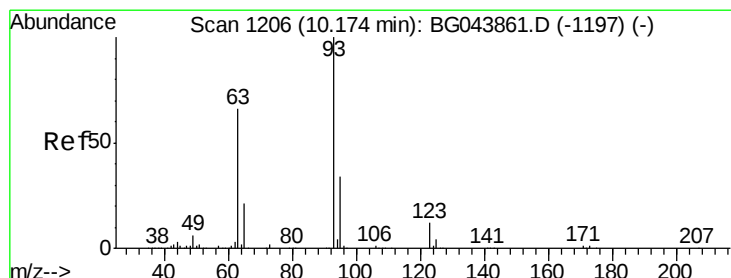
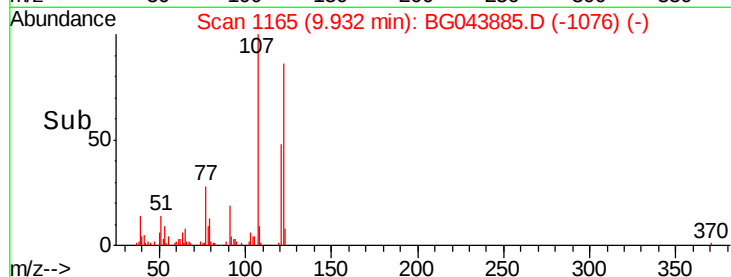
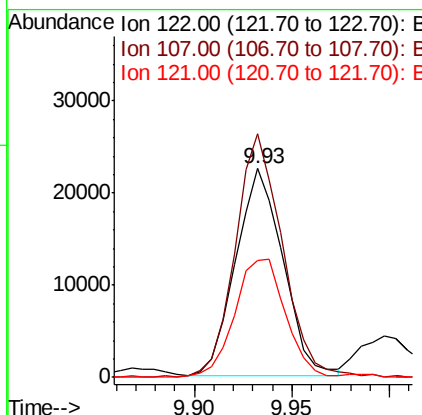
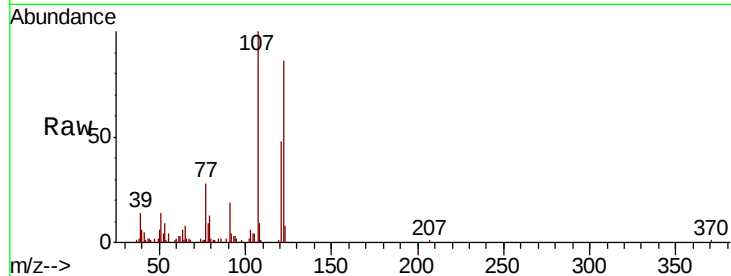
#27
 2,4-Dimethylphenol
 Concen: 5.429 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.5	88.0	132.0	
121	56.0	49.0	73.4	

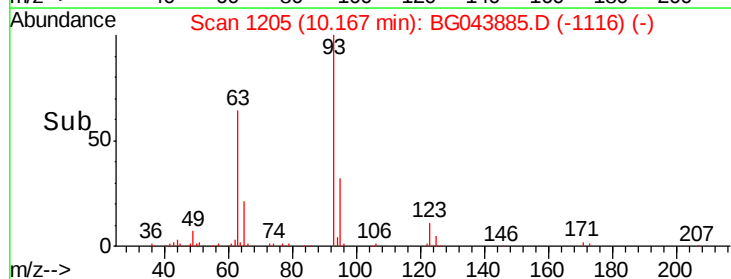
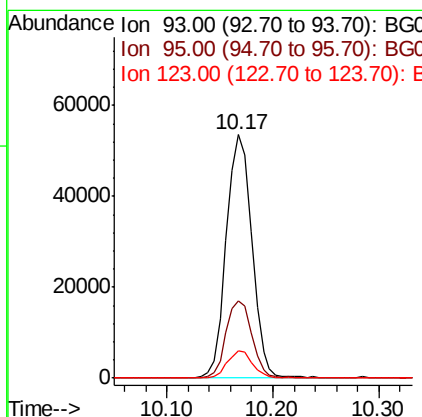
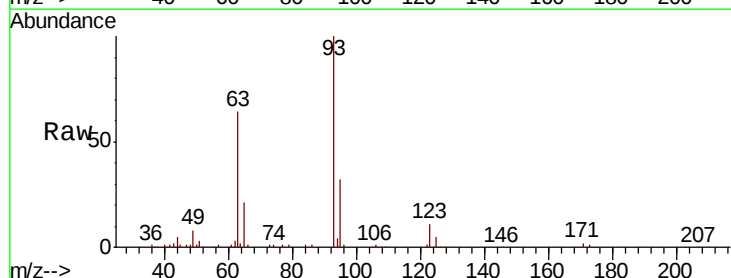
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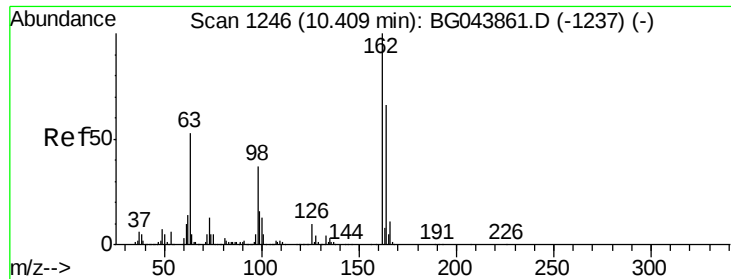
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#28
 bis(2-Chloroethoxy)methane
 Concen: 7.363 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.9	27.2	40.8	
123	11.0	9.7	14.5	





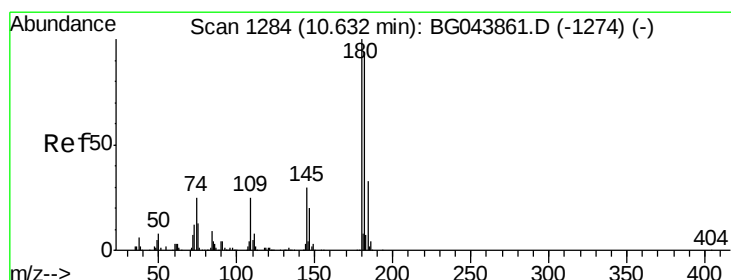
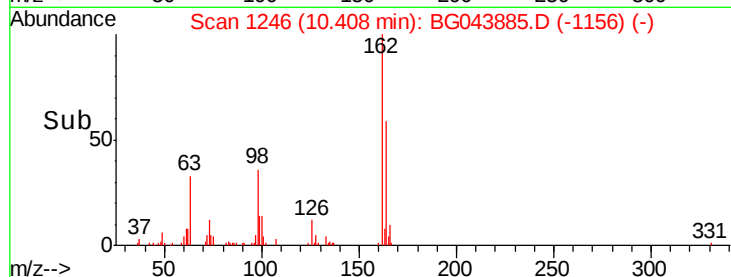
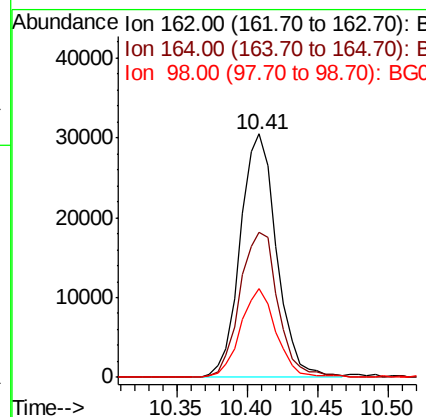
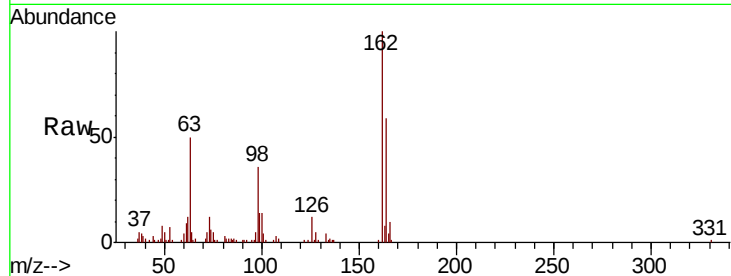
#29
 2,4-Dichlorophenol
 Concen: 6.694 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	54992		
164	59.3		46.3	86.3
98	36.4		17.3	57.3

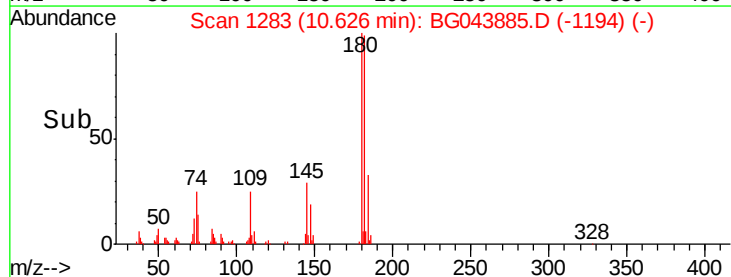
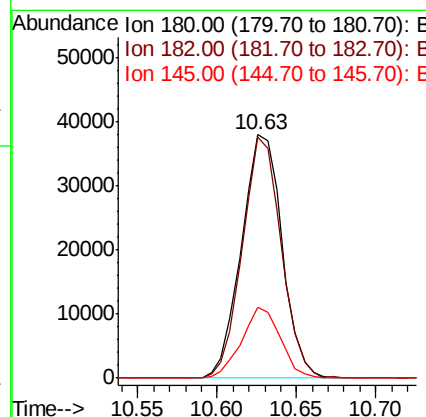
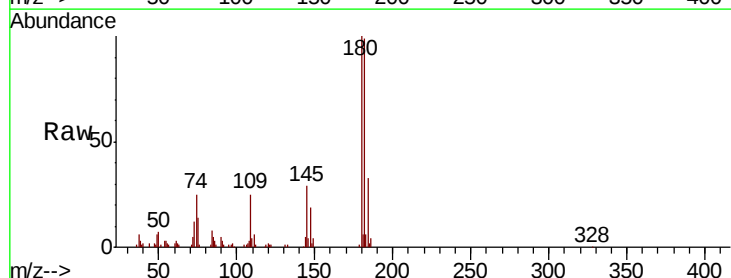
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#30
 1,2,4-Trichlorobenzene
 Concen: 7.301 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67247		
182	98.9		75.0	112.4
145	29.3		24.2	36.4





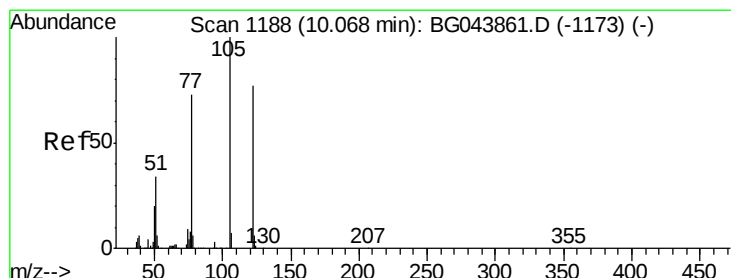
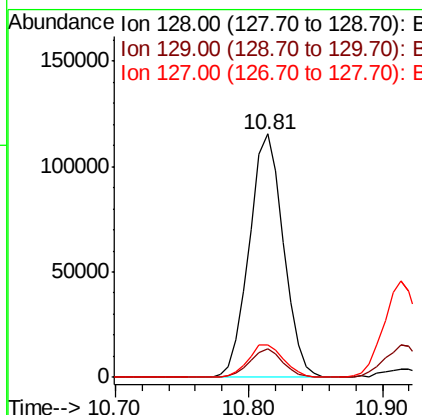
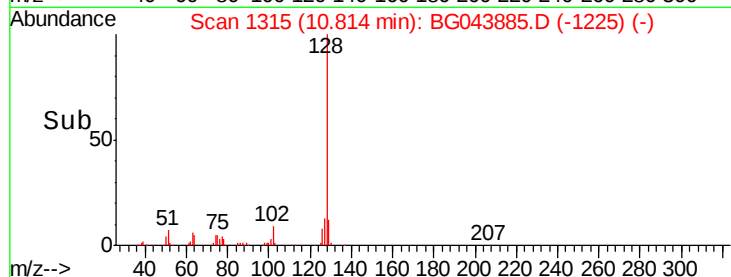
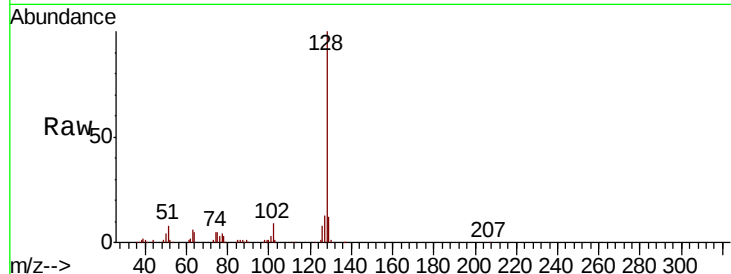
#31
Naphthalene
Concen: 8.073 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.2	12.0	18.0

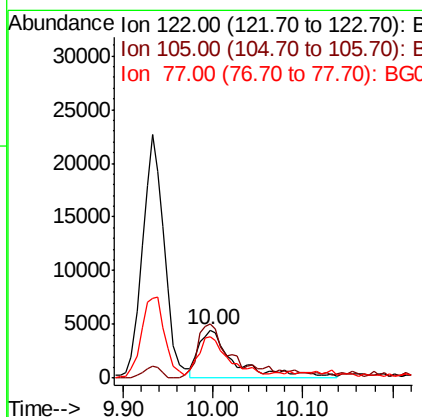
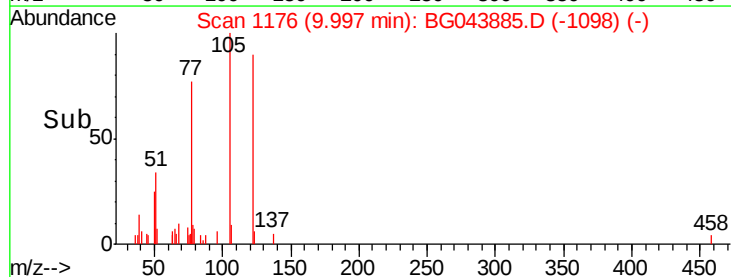
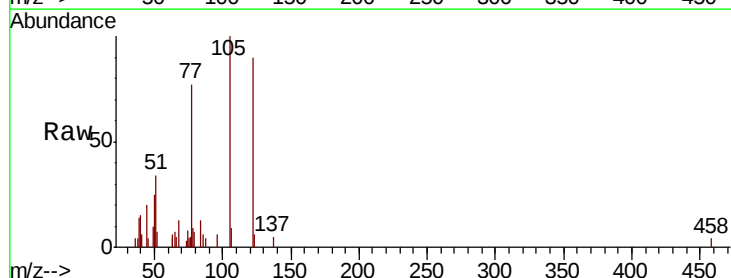
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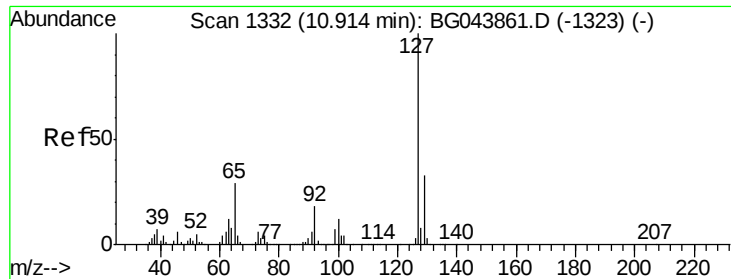
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#32
Benzoic acid
Concen: 2.493 ng m
RT: 10.00 min Scan# 1176
Delta R.T. -0.07 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.5	106.4	146.4
77	85.5	74.6	114.6





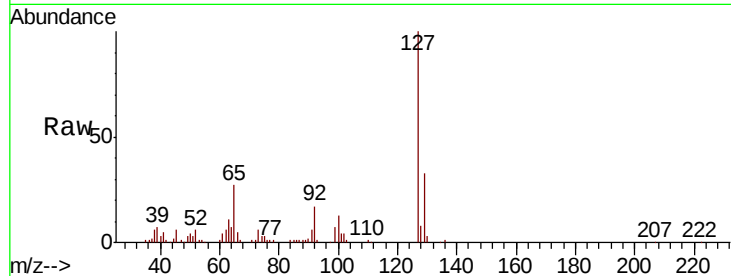
#33
4-Chloroaniline
Concen: 7.053 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	40.0
65	26.6	23.3	34.9
92	16.9	14.7	22.1

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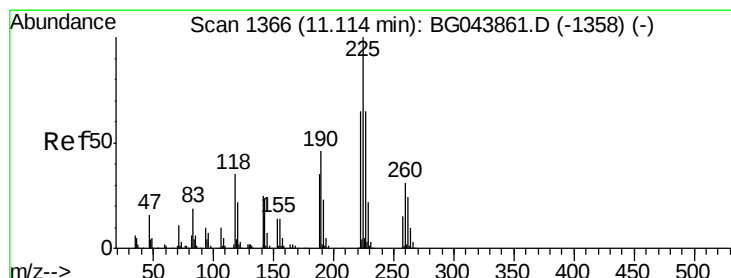
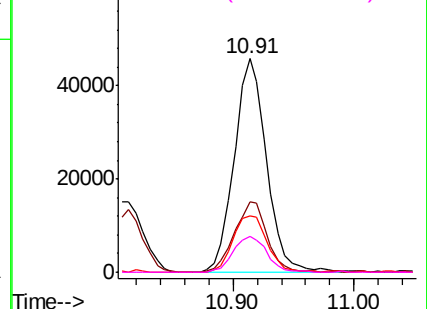
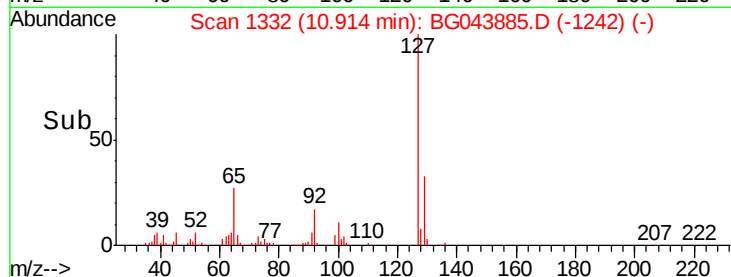
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

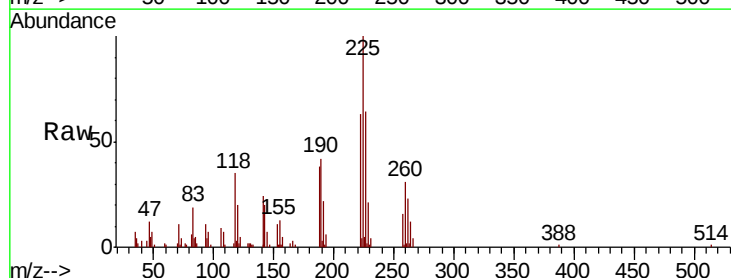
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 6.968 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.2	78.4
227	63.9	52.1	78.1

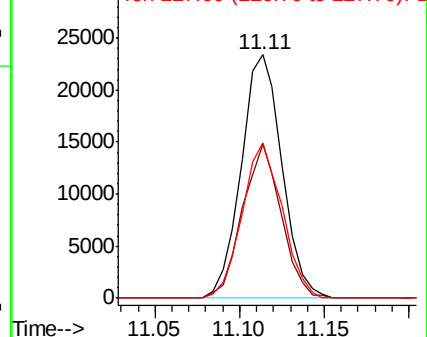
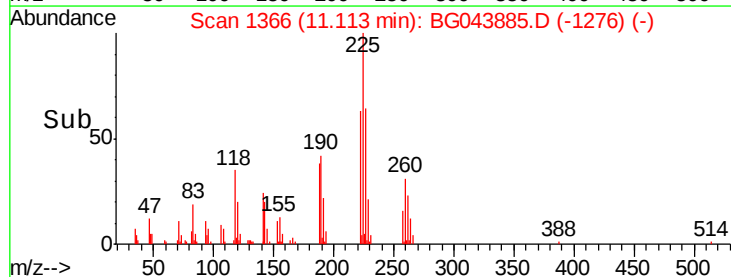


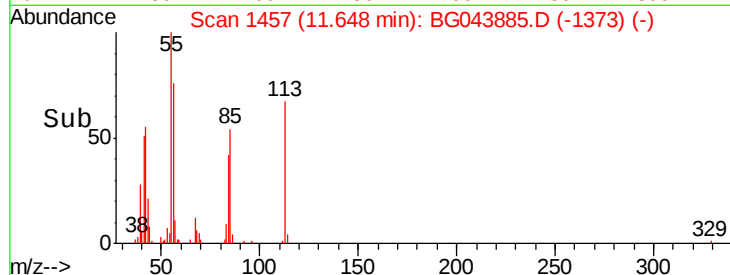
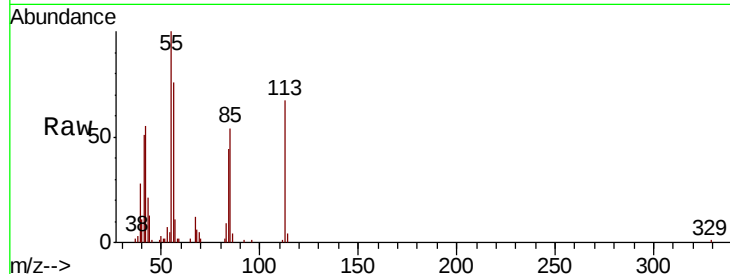
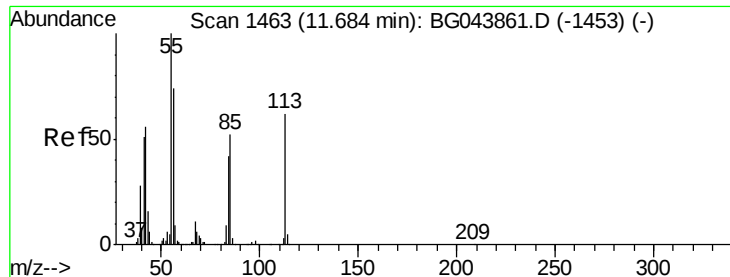
Abundance

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: 6.856 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.04 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:113 Resp: 20968

Ion Ratio Lower Upper

113 100

55 149.2 142.5 182.5

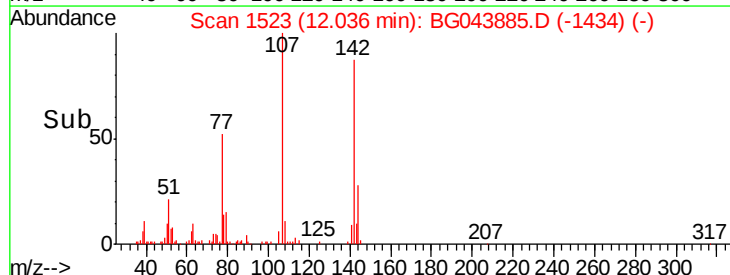
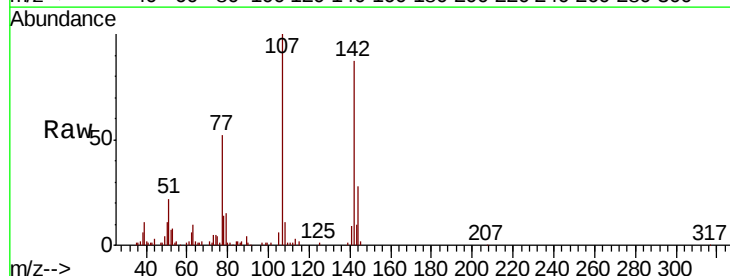
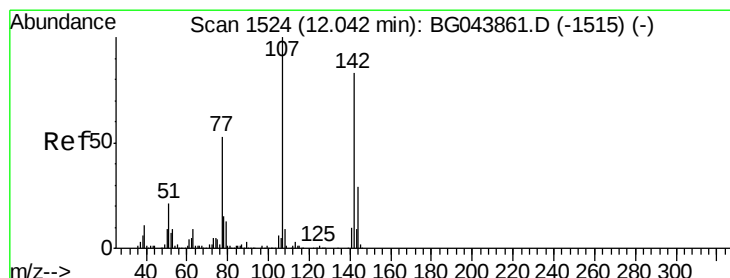
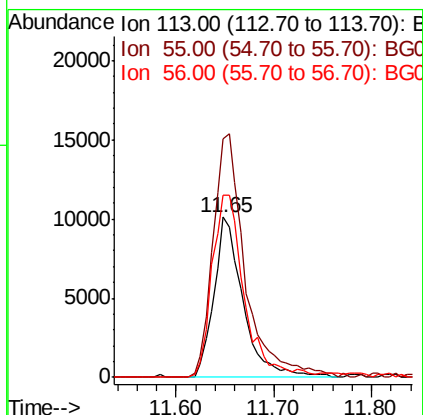
56 113.5 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 6.874 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

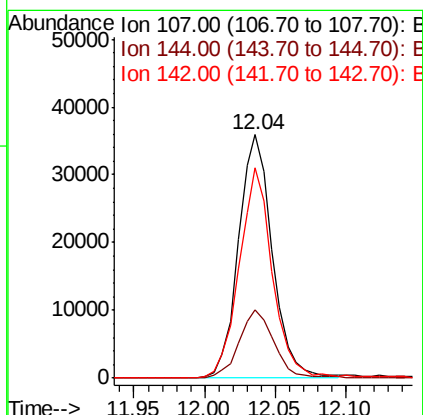
Tgt Ion:107 Resp: 60113

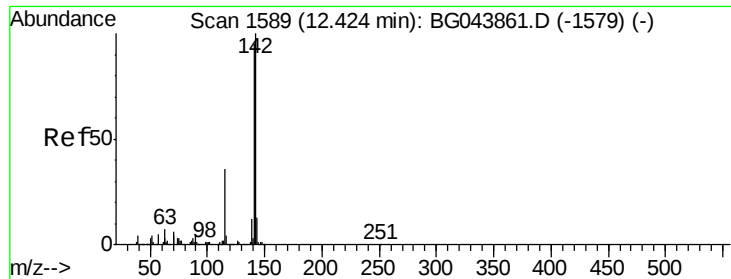
Ion Ratio Lower Upper

107 100

144 27.9 23.4 35.2

142 86.6 66.3 99.5





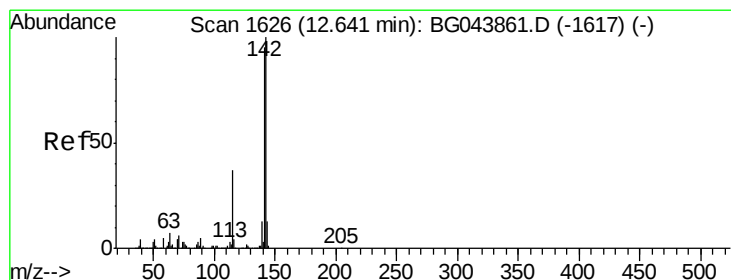
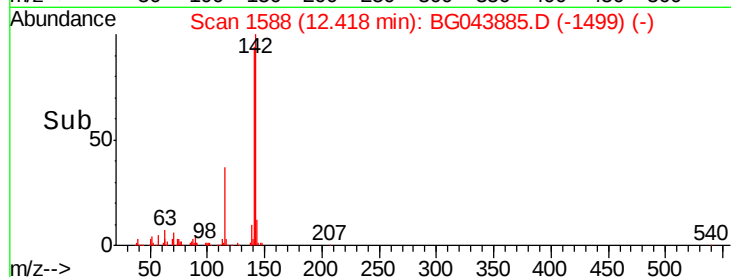
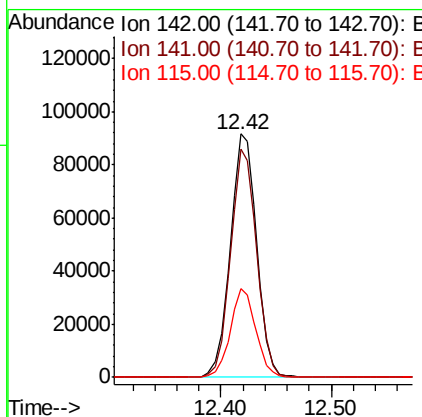
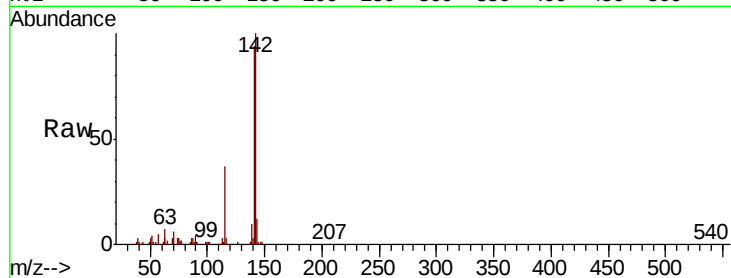
#37
2-Methylnaphthalene
Concen: 8.036 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.8
115	36.6	28.6	42.8

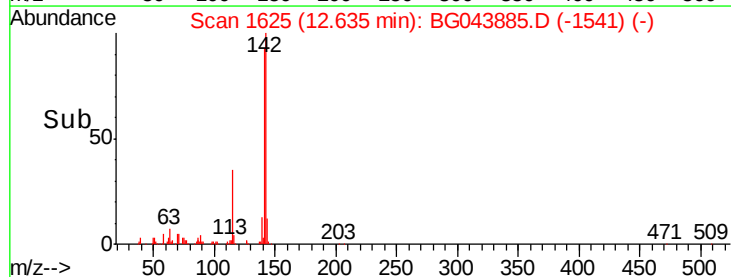
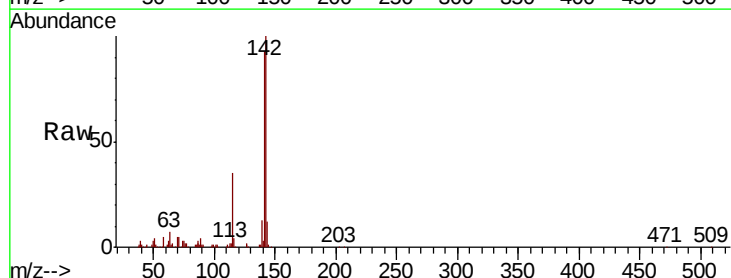
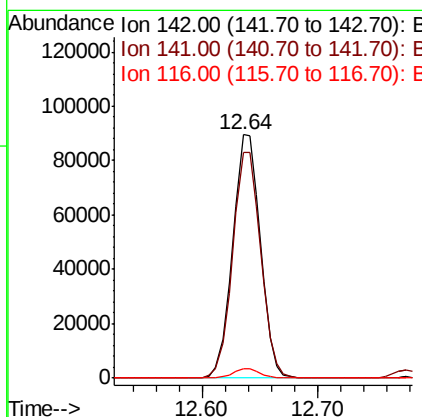
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#38
1-Methylnaphthalene
Concen: 8.233 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

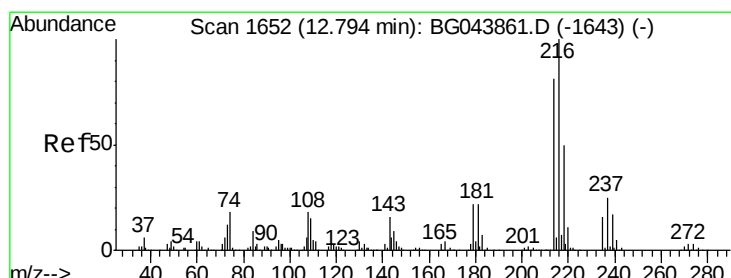
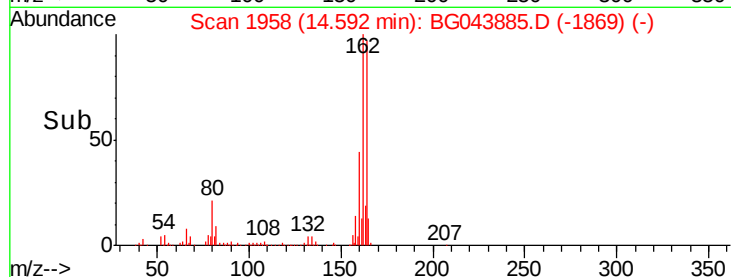
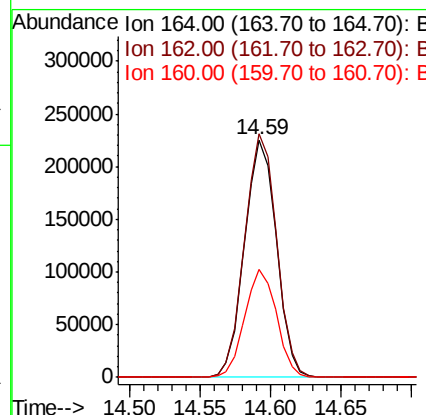
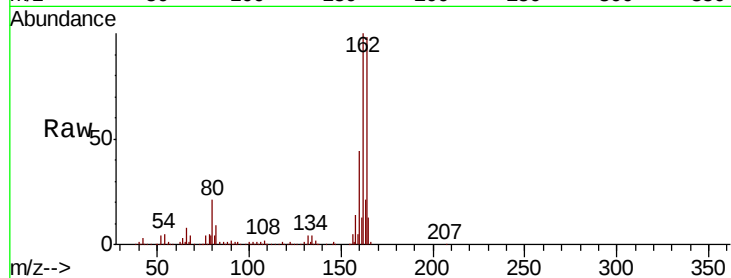
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	164	Resp:	357654
Ion Ratio	Lower	Upper	
164	100		
162	102.5	83.0	124.4
160	45.3	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.229 ng

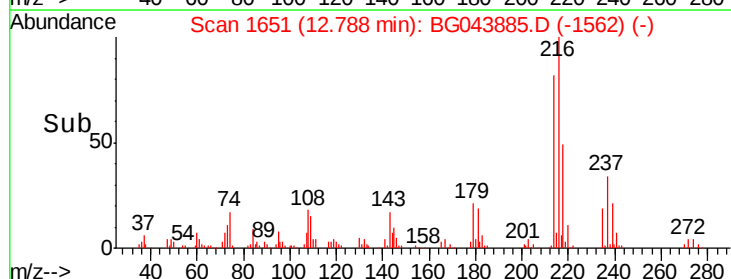
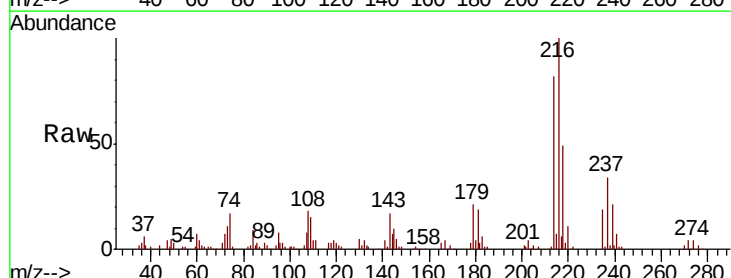
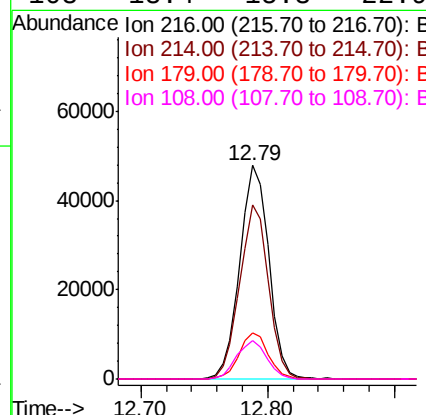
RT: 12.79 min Scan# 1651

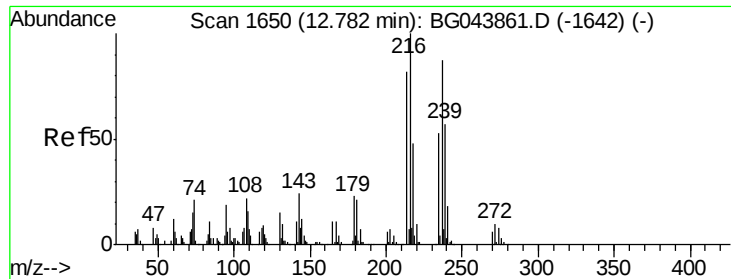
Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	216	Resp:	75779
Ion Ratio	Lower	Upper	
216	100		
214	80.5	63.8	95.8
179	21.4	17.3	25.9
108	18.4	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 6.968 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

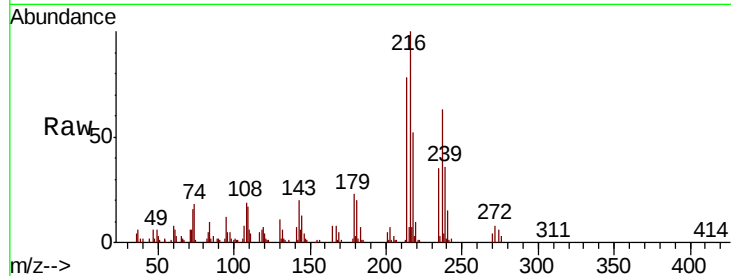
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	237	Resp:	37871
Ion Ratio	Lower	Upper	
237	100		
235	54.9	41.1	81.1
272	12.0	0.0	31.7

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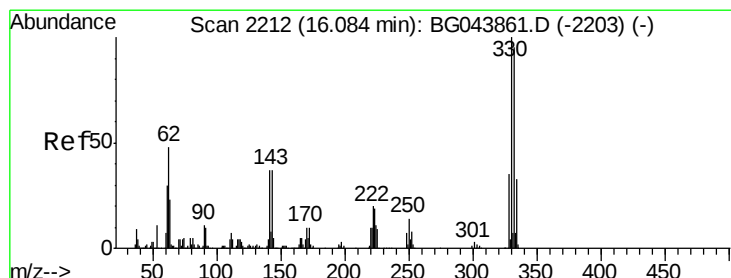
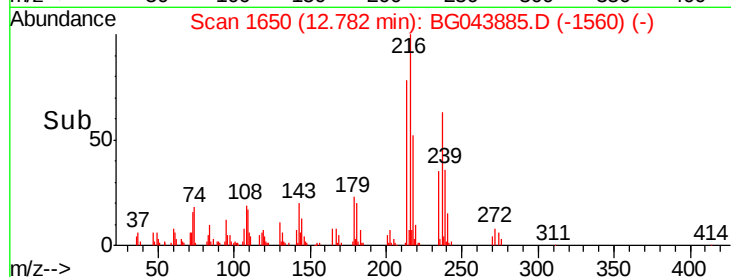
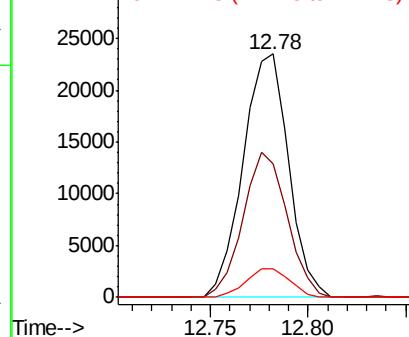


Abundance

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: 143.398 ng

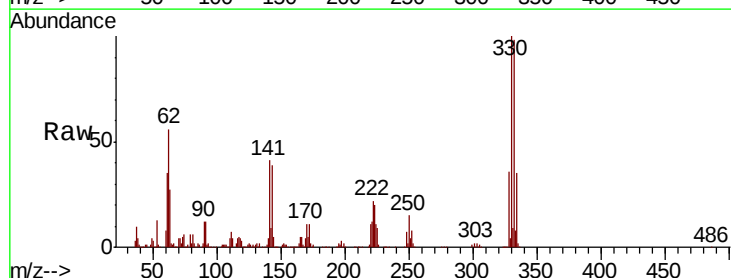
RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	330	Resp:	536706
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.2	115.8
141	41.3	33.1	49.7

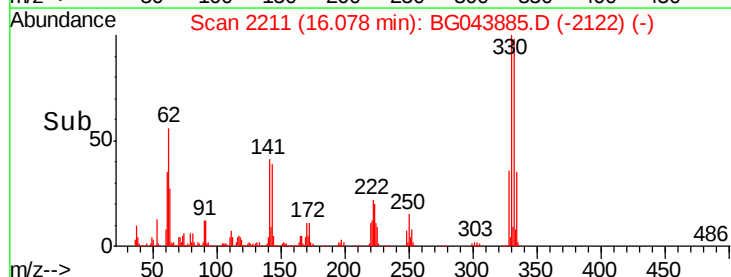
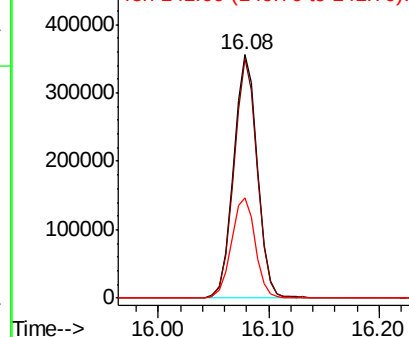


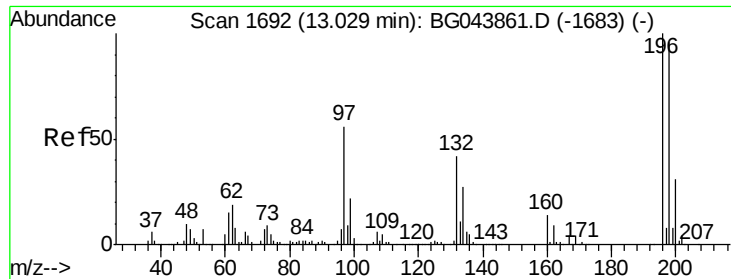
Abundance

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





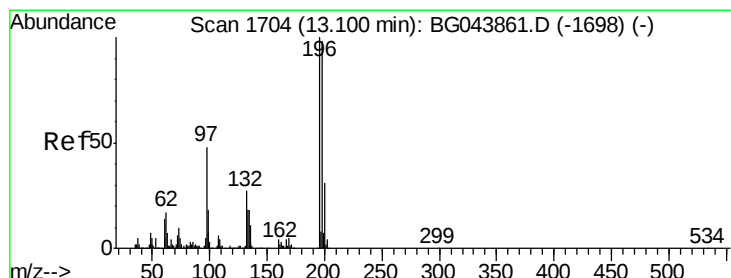
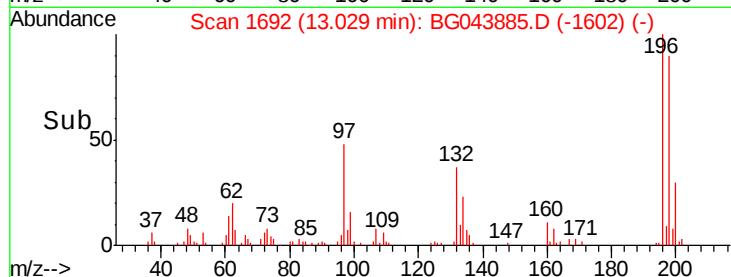
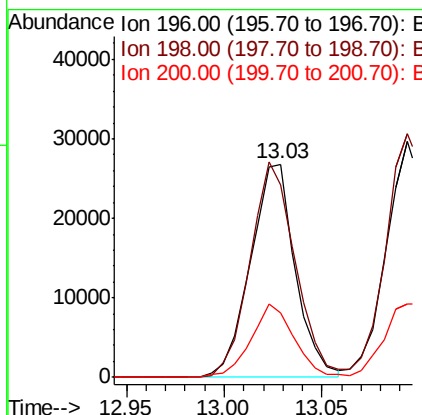
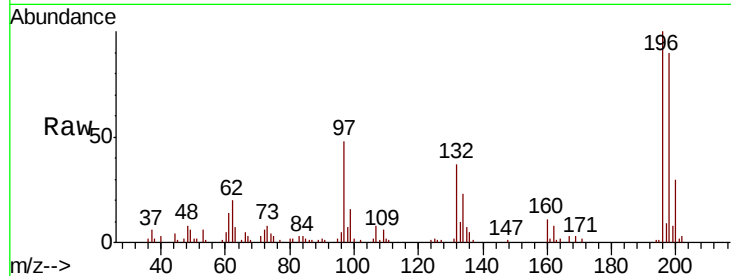
#43
 2,4,6-Trichlorophenol
 Concen: 5.902 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.0	76.6	115.0
200	30.1	24.6	37.0

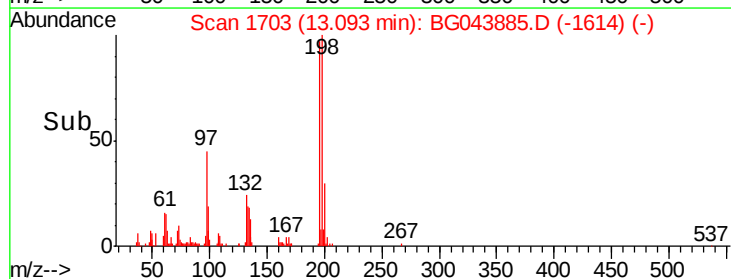
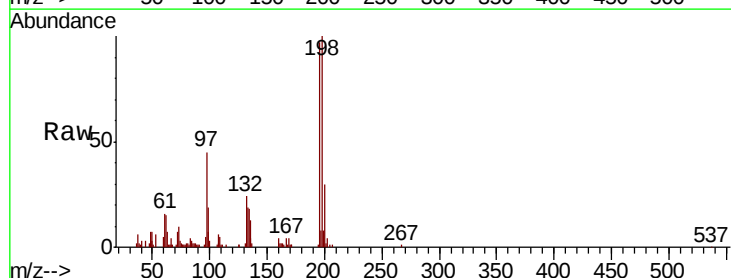
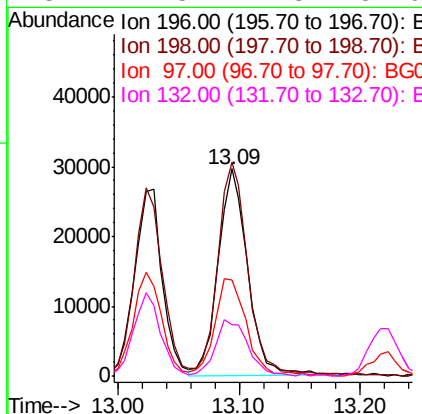
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#44
 2,4,5-Trichlorophenol
 Concen: 6.655 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.0	78.3	117.5
97	46.5	38.8	58.2
132	24.8	21.3	31.9





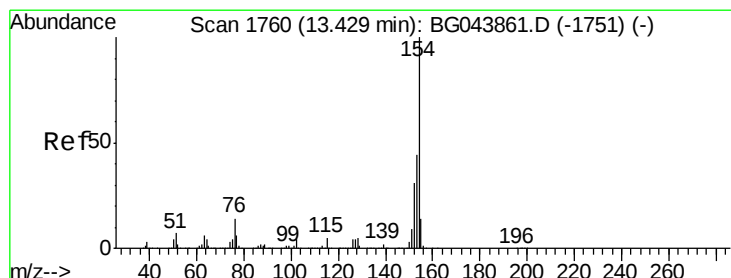
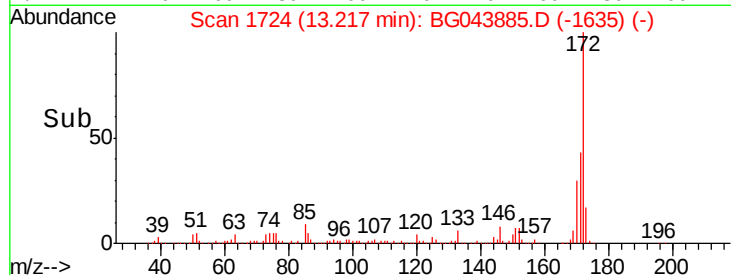
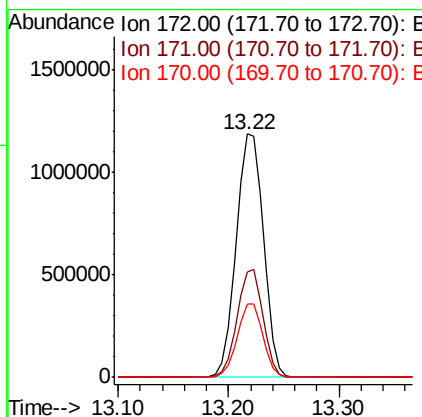
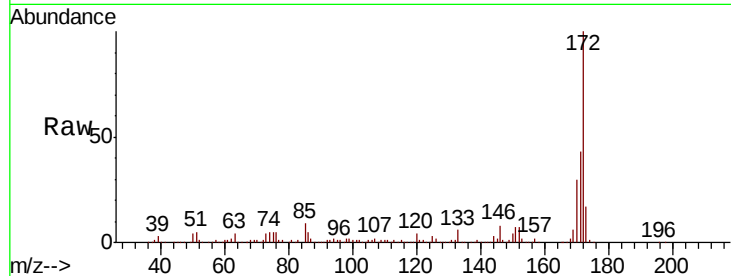
#45
 2-Fluorobiphenyl
 Concen: 104.573 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.2	35.8	53.8
170	30.0	24.2	36.4

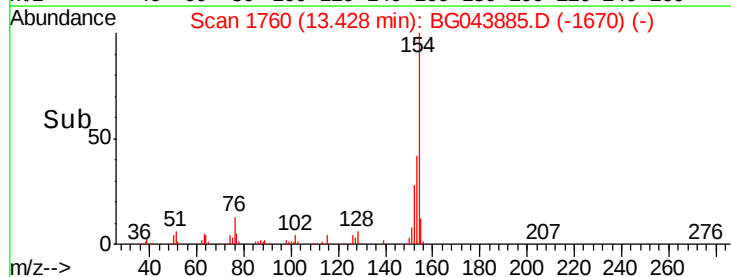
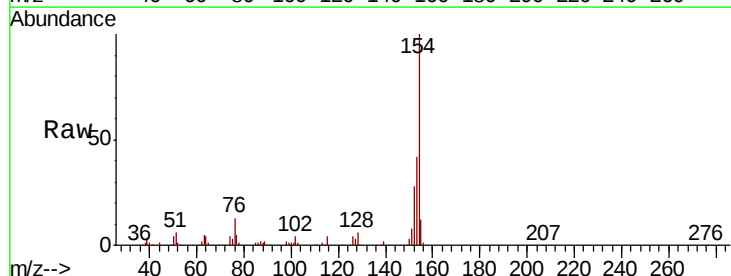
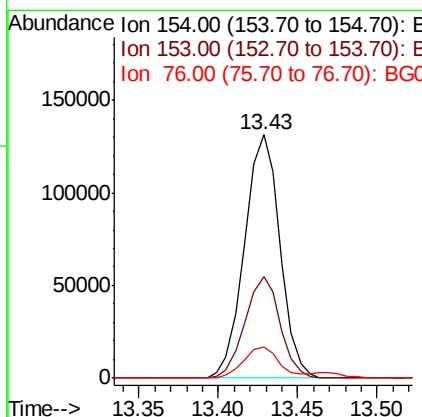
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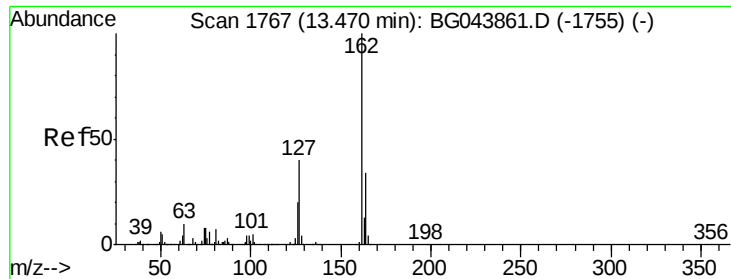
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#46
 1,1'-Biphenyl
 Concen: 7.939 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.6	63.6
76	12.9	0.0	34.4





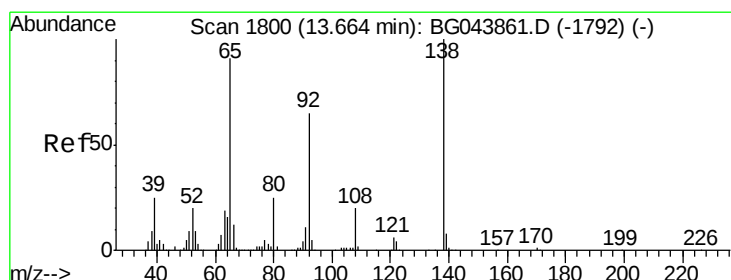
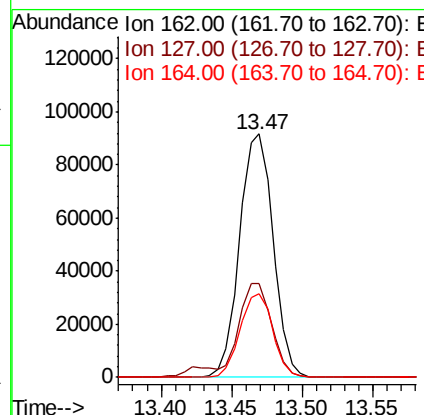
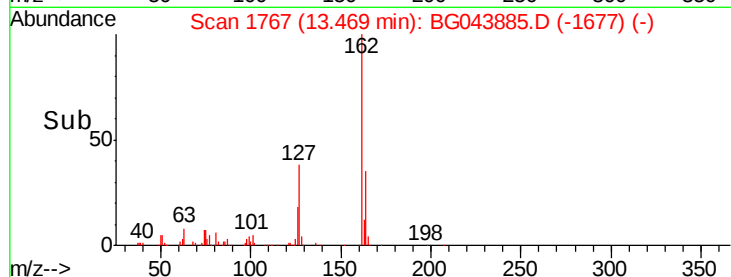
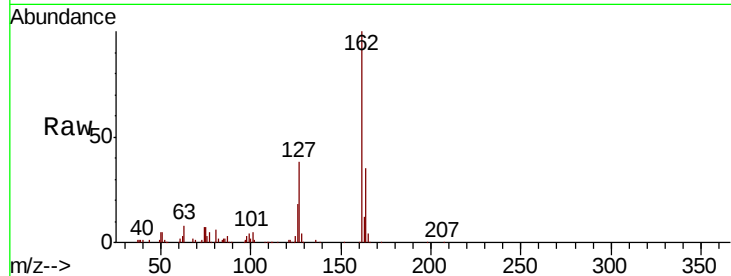
#47
2-Chloronaphthalene
Concen: 7.359 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.3	32.1	48.1	
164	34.5	27.5	41.3	

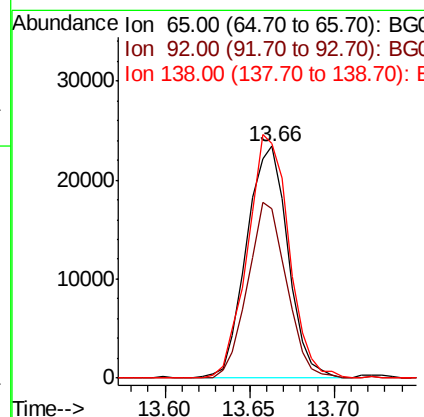
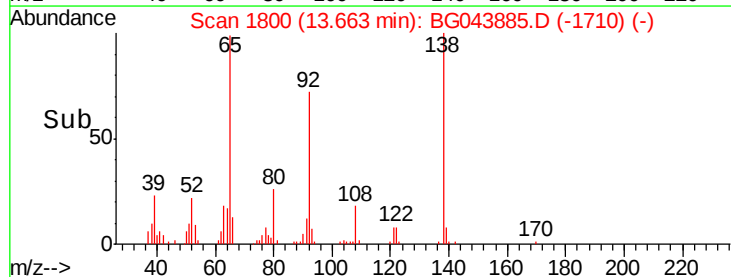
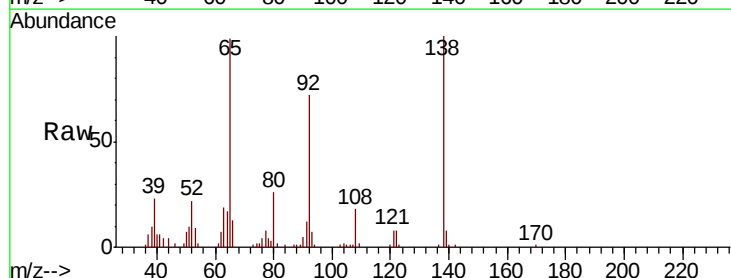
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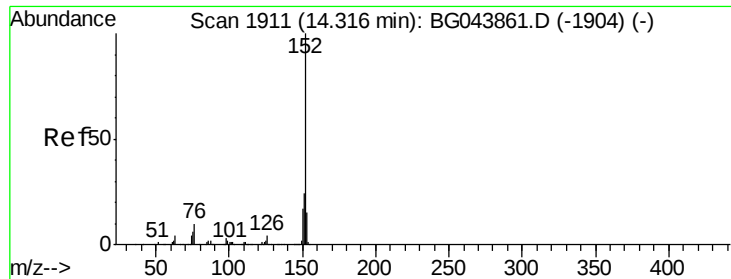
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#48
2-Nitroaniline
Concen: 6.019 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.4	57.4	86.2	
138	101.5	88.2	132.4	





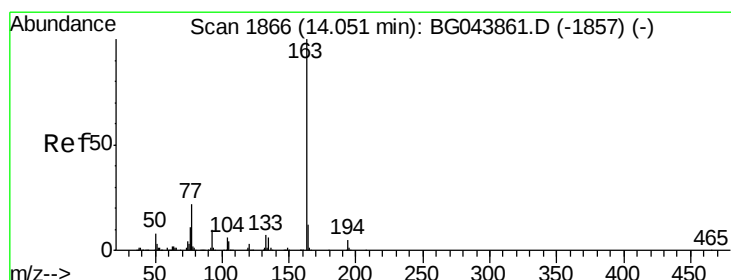
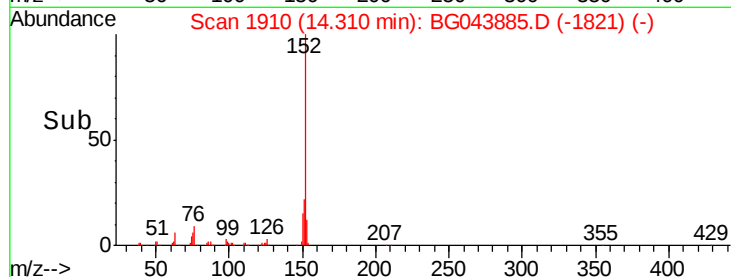
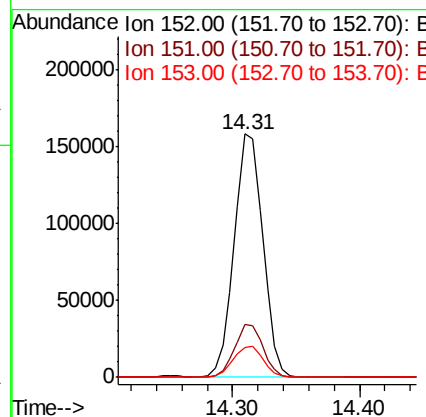
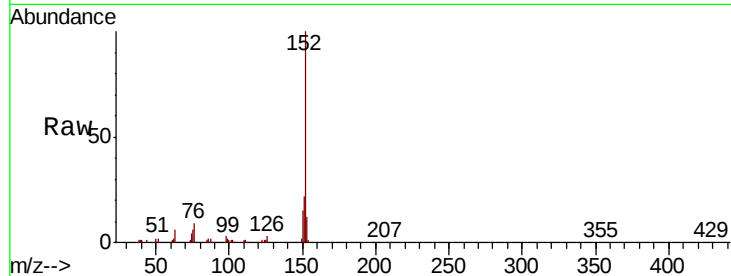
#49
Acenaphthylene
Concen: 8.308 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
152	100	247439		
151	21.9		19.4	29.2
153	12.5		12.0	18.0

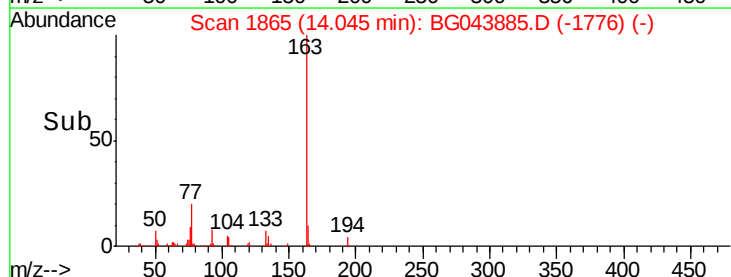
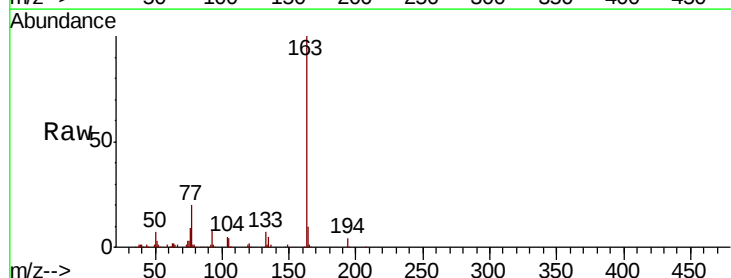
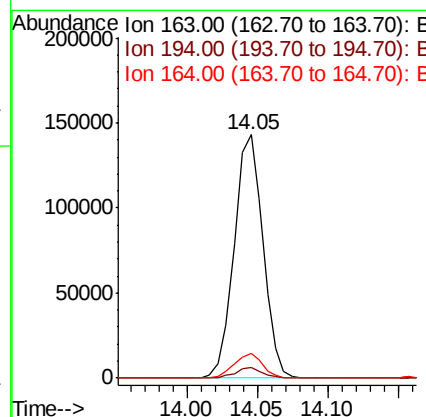
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#50
Dimethylphthalate
Concen: 7.987 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	202826		
194	4.2		3.7	5.5
164	9.9		9.3	13.9





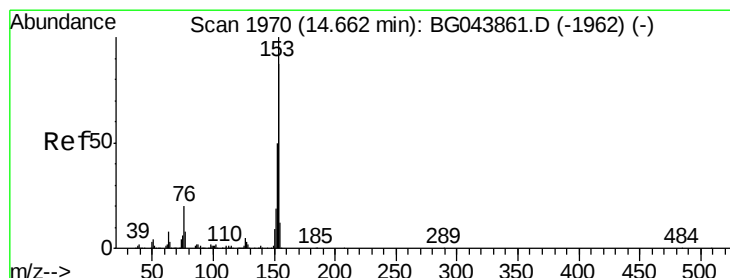
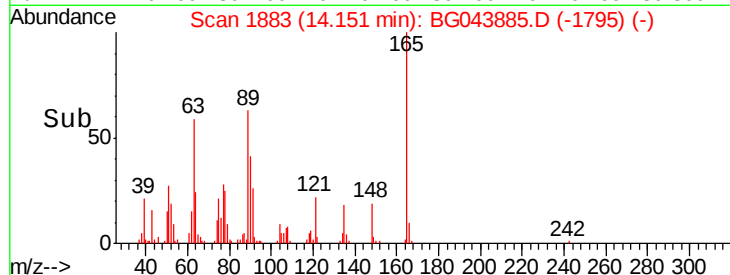
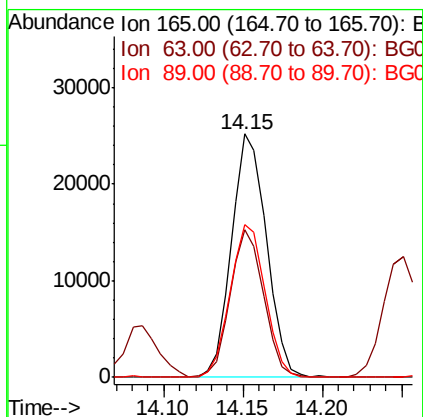
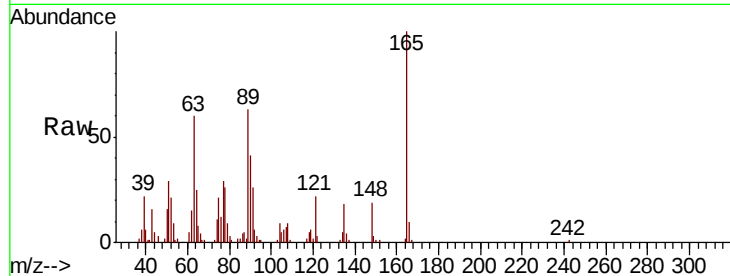
#51
2,6-Dinitrotoluene
Concen: 6.703 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:	165	Resp:	38473
Ion Ratio	Lower	Upper	
165	100		
63	60.5	43.1	64.7
89	62.9	43.8	65.6

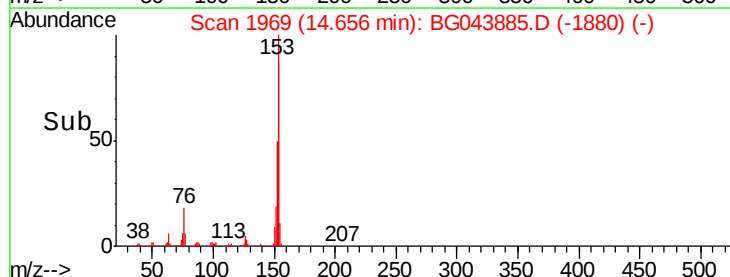
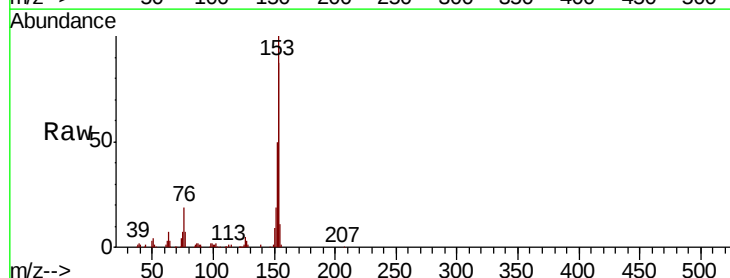
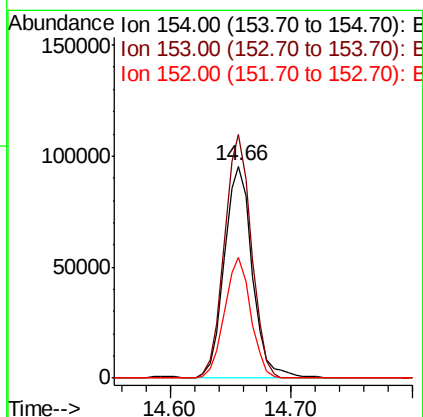
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#52
Acenaphthene
Concen: 7.354 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion:	154	Resp:	153596
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.6	137.4
152	57.3	45.4	68.0





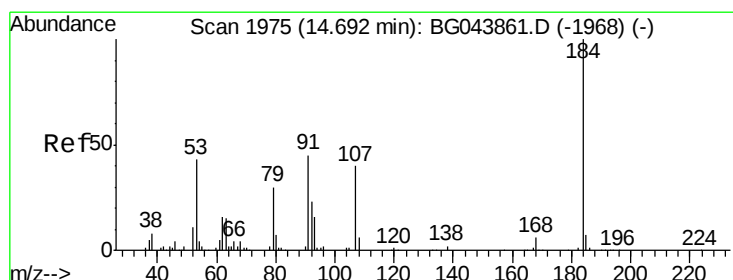
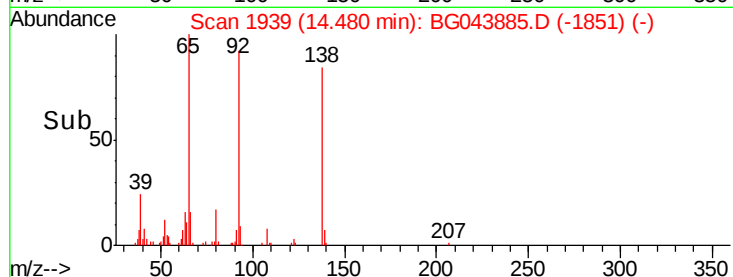
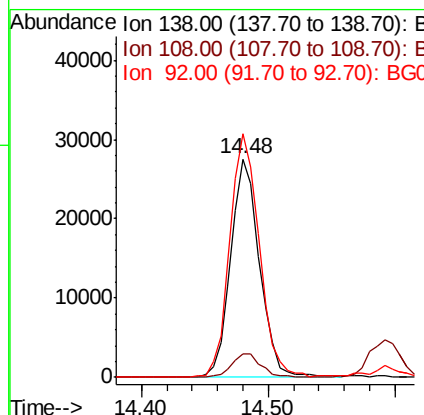
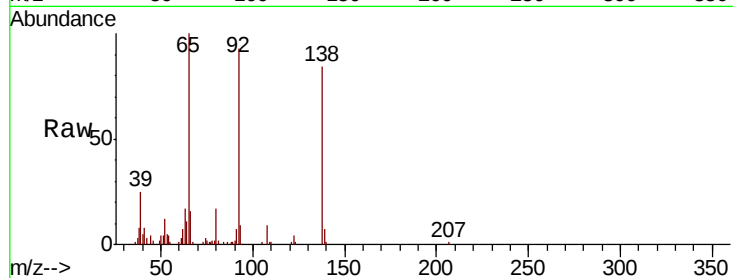
#53
3-Nitroaniline
Concen: 6.635 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:138 Resp: 43249
Ion Ratio Lower Upper
138 100
108 10.9 7.4 11.2
92 111.4 92.1 138.1

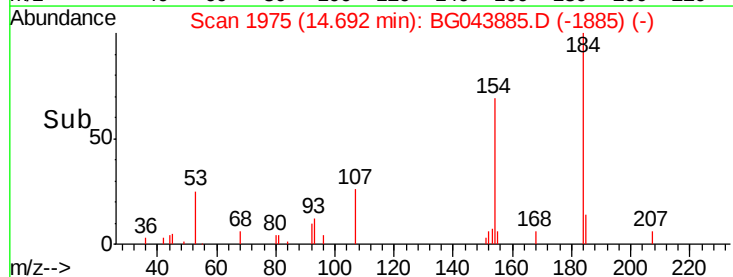
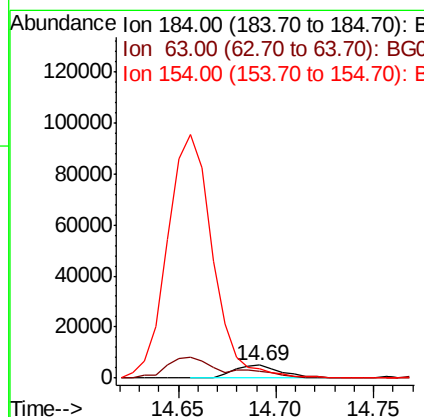
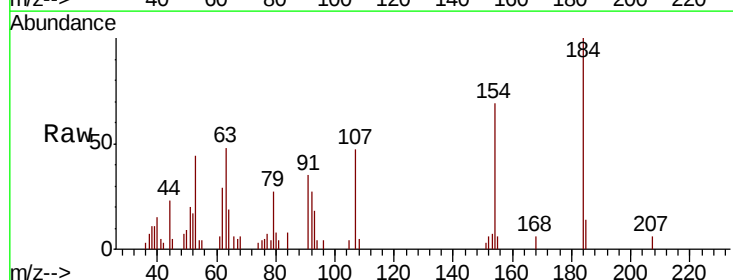
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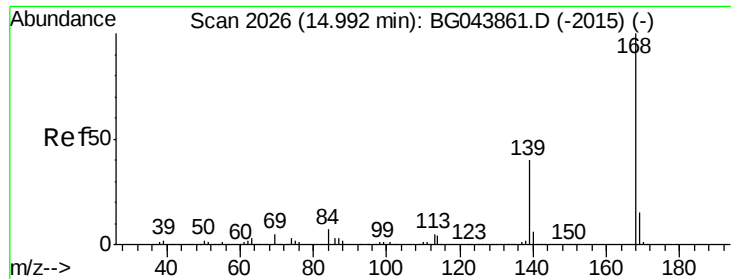
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#54
2,4-Dinitrophenol
Concen: 3.338 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion:184 Resp: 8637
Ion Ratio Lower Upper
184 100
63 48.4 46.6 70.0
154 69.3 50.2 75.4





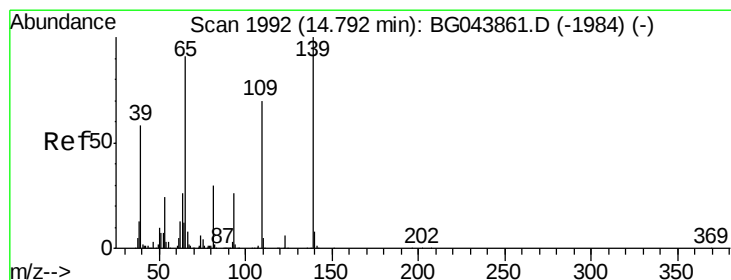
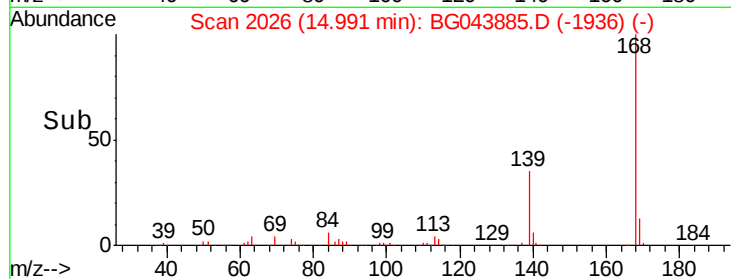
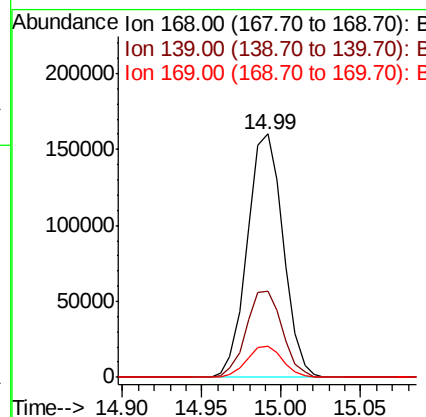
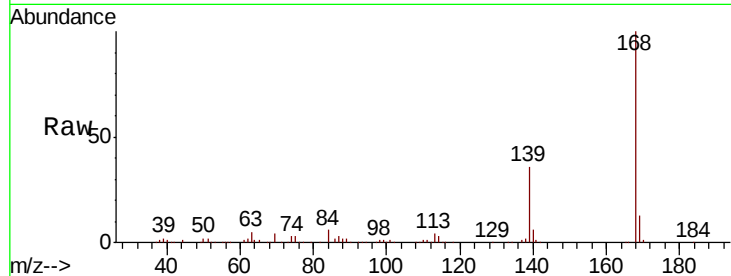
#55
Dibenzenofuran
Concen: 8.764 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
168	100	251989		
139	35.6		32.2	48.2
169	12.6		12.2	18.2

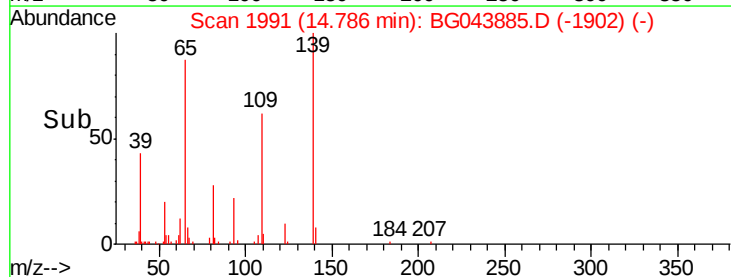
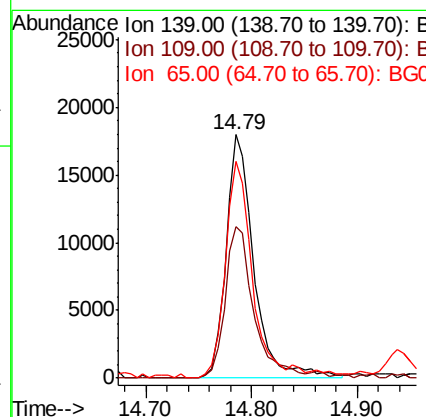
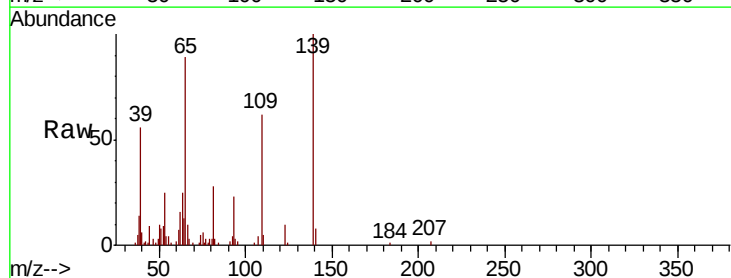
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#56
4-Nitrophenol
Concen: 6.511 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	32522		
109	62.3		50.4	90.4
65	89.0		71.4	111.4





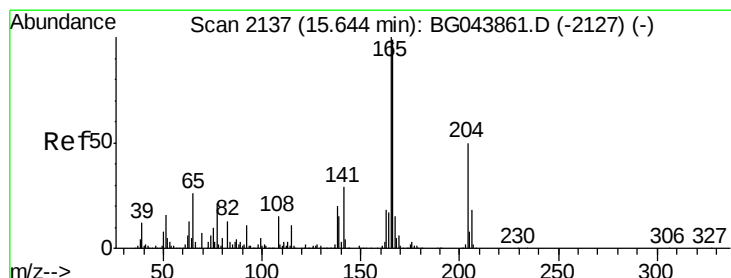
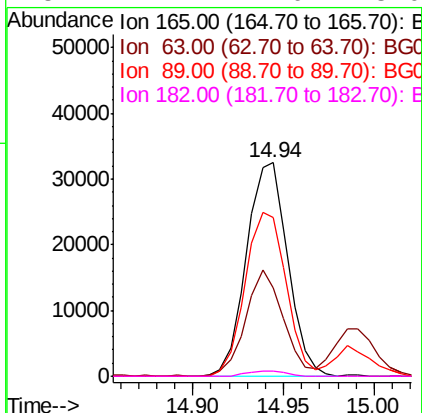
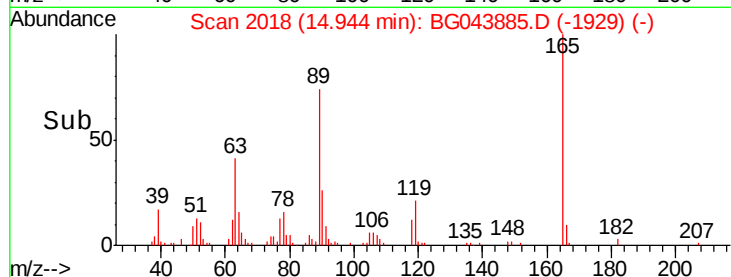
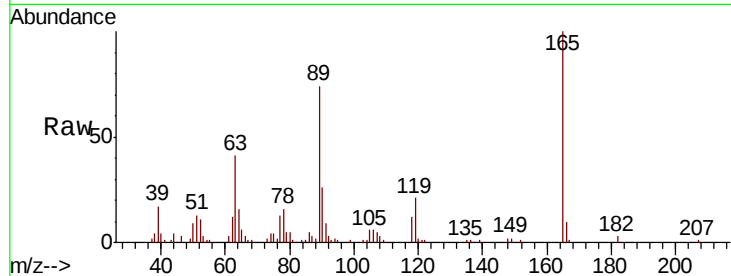
#57
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	51314		
63	41.5		31.9	47.9
89	74.4		53.8	80.6
182	2.7		2.0	3.0

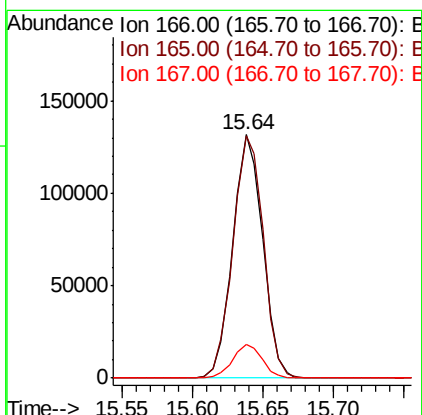
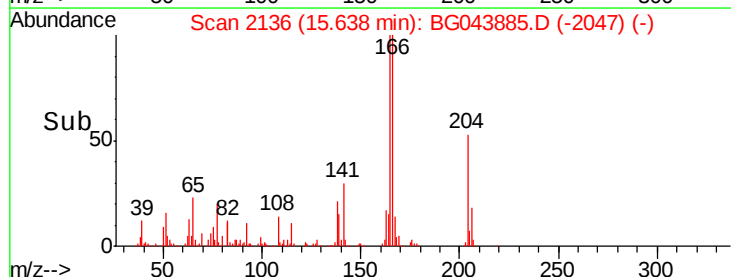
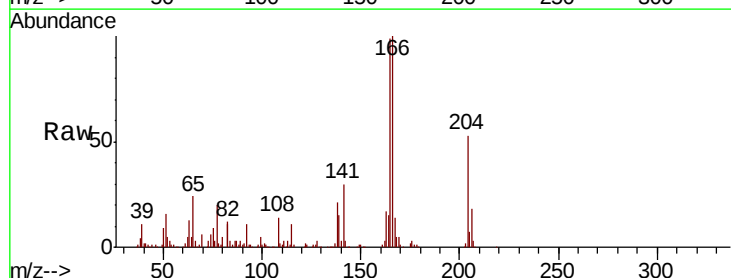
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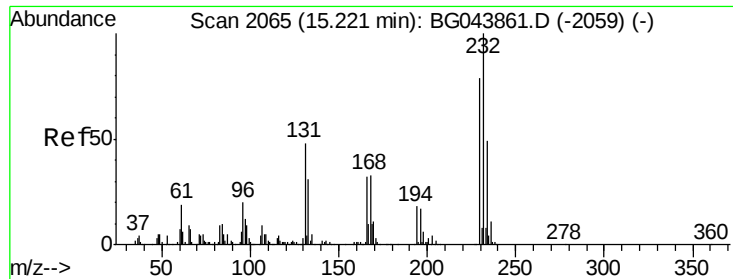
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#58
Fluorene
Concen: 8.529 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	194357		
165	99.5		80.8	121.2
167	14.0		12.1	18.1





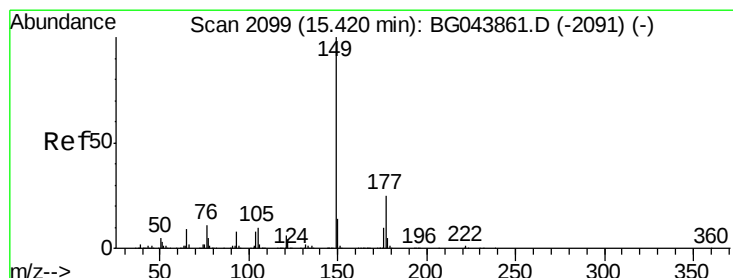
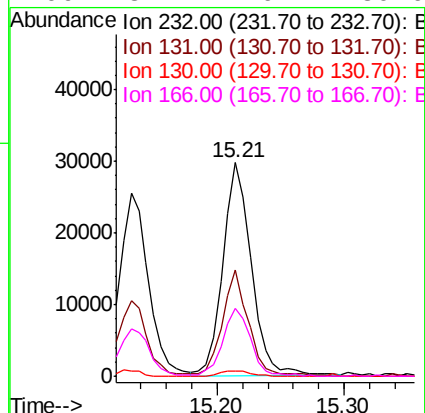
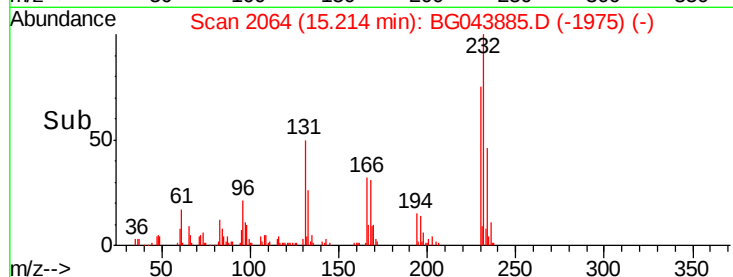
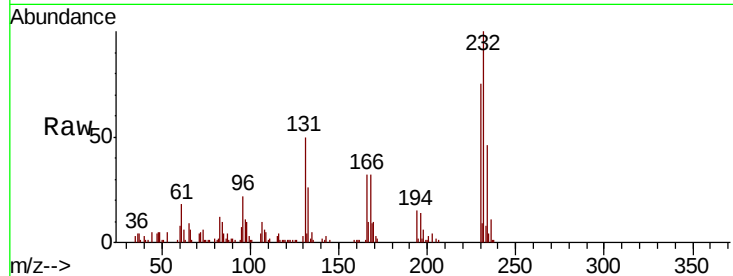
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.224 ng
RT: 15.21 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:	232	Resp:	46215
Ion Ratio	Lower	Upper	
232	100		
131	46.2	38.2	57.2
130	2.8	2.2	3.2
166	31.7	26.4	39.6

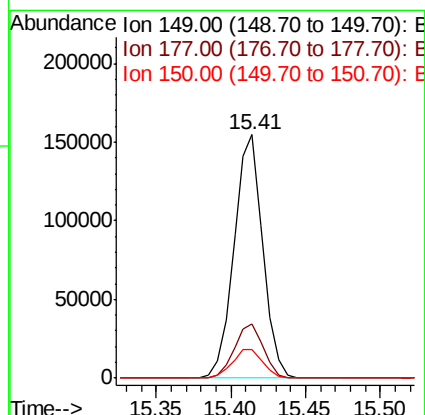
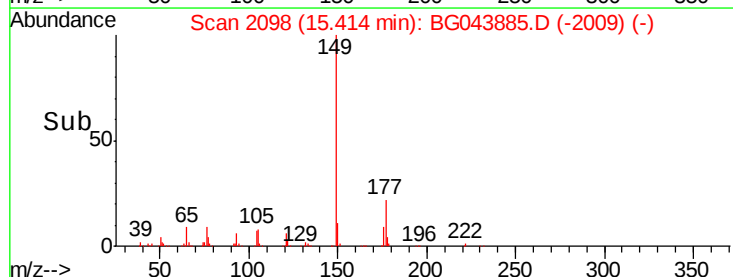
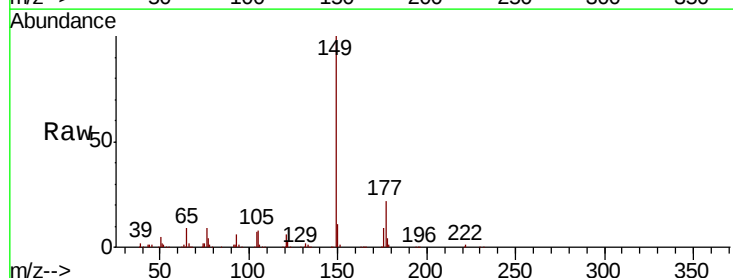
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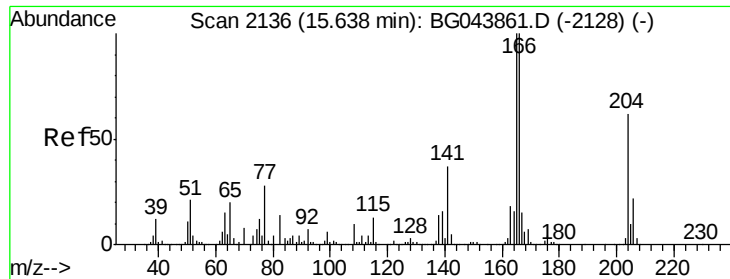
mohammad
1/6/2020 11:41:43 AM



#60
Diethylphthalate
Concen: 8.163 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion:	149	Resp:	207330
Ion Ratio	Lower	Upper	
149	100		
177	22.3	20.0	30.0
150	11.5	11.1	16.7





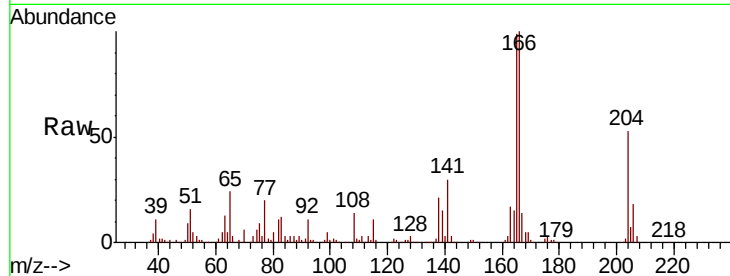
#61
 4-Chlorophenyl-phenylether
 Concen: 7.899 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.2	42.2
141	56.7	48.2	72.2

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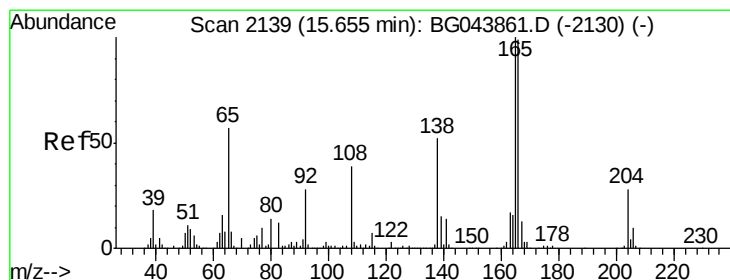
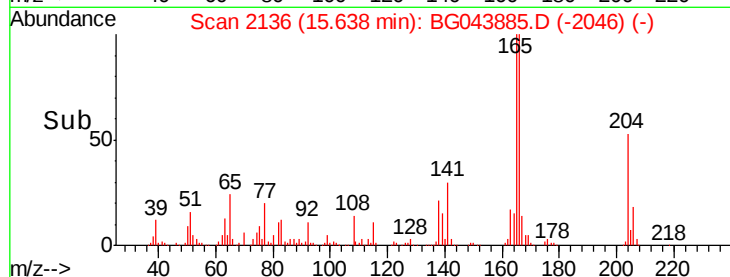
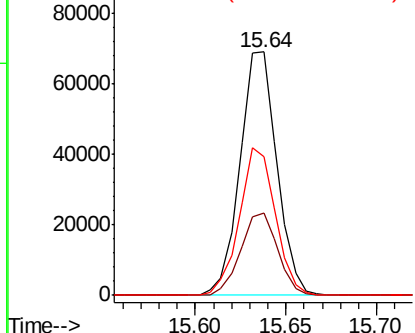


Abundance

Ion 204.00 (203.70 to 204.70): E

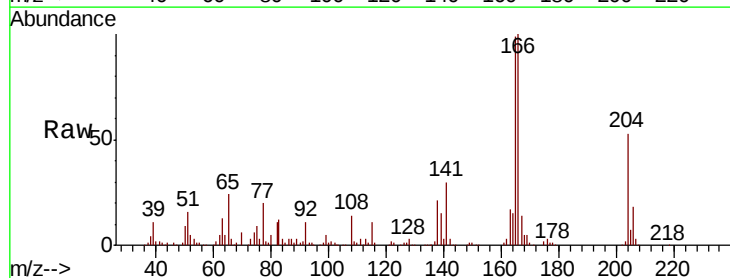
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 6.970 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.02 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	34.3	74.3
108	67.9	55.0	95.0

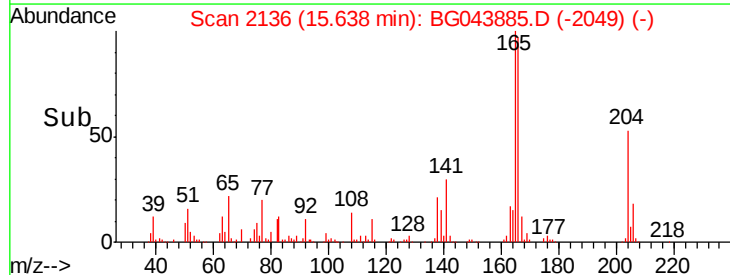
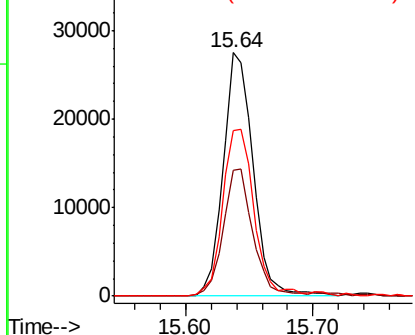


Abundance

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





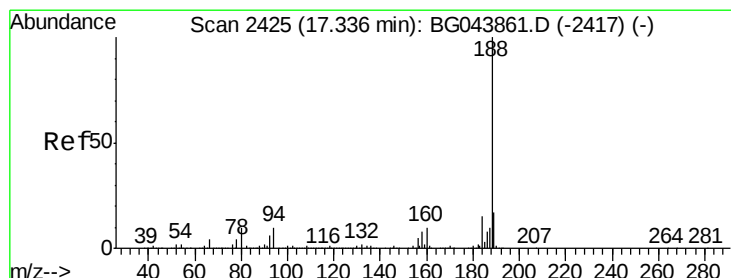
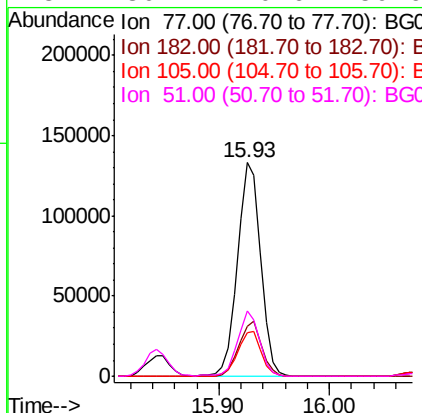
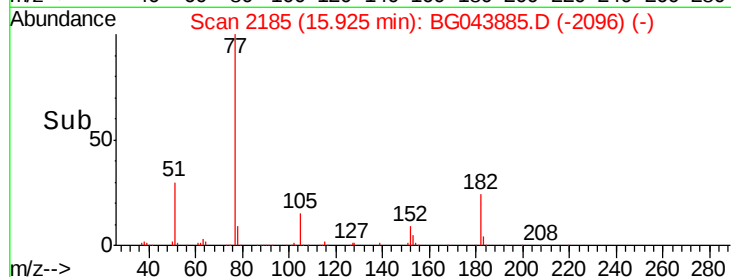
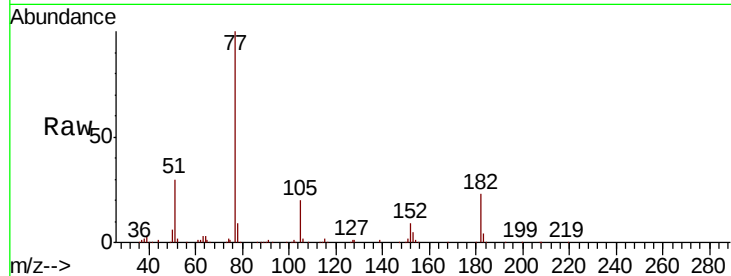
#63
Azobenzene
Concen: 8.338 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.5	7.3	47.3		
105	20.4	3.2	43.2		
51	30.4	10.6	50.6		

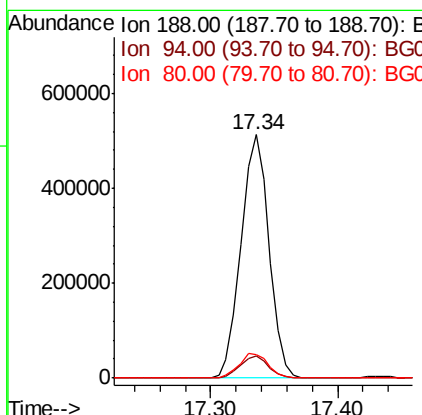
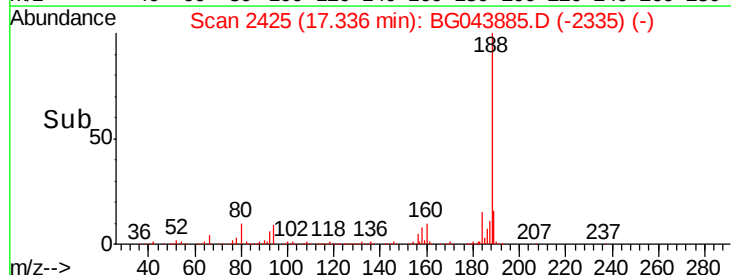
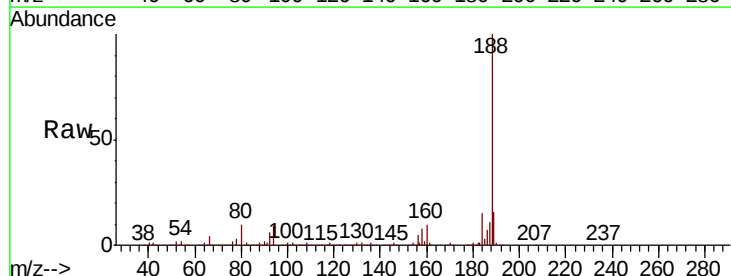
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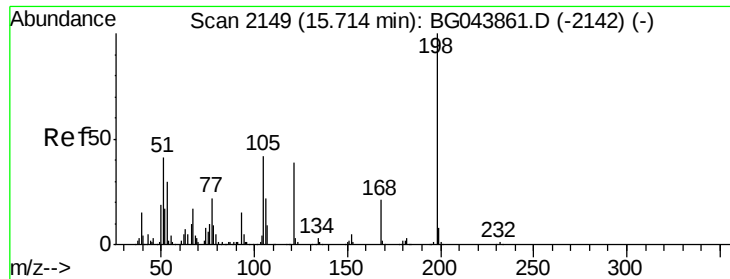
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.2	7.9	11.9		
80	9.9	8.2	12.4		





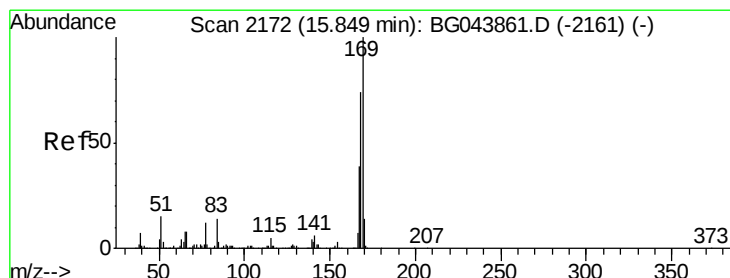
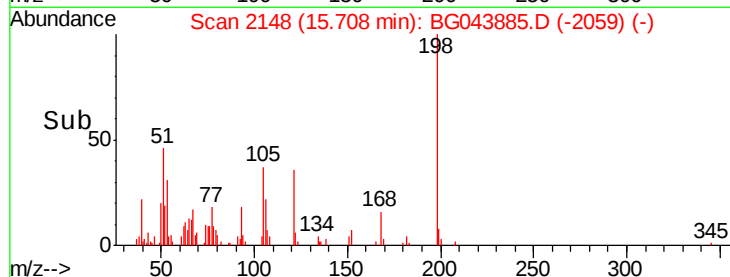
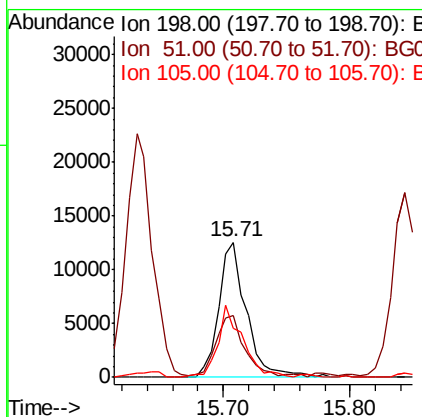
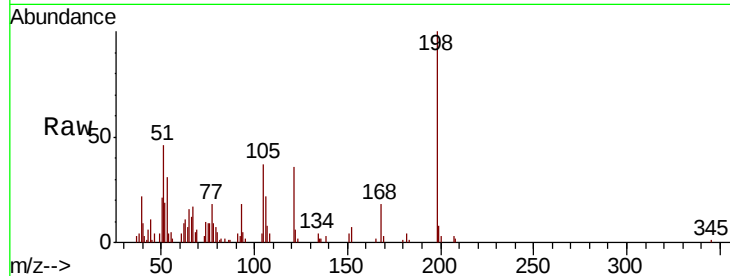
#65
4,6-Dinitro-2-methylphenol
Concen: 4.997 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	19068		
51	45.7		22.5	62.5
105	36.6		22.3	62.3

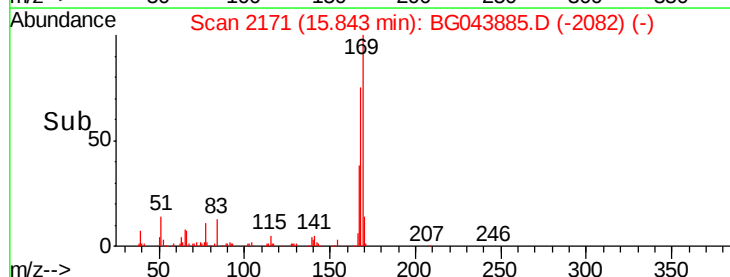
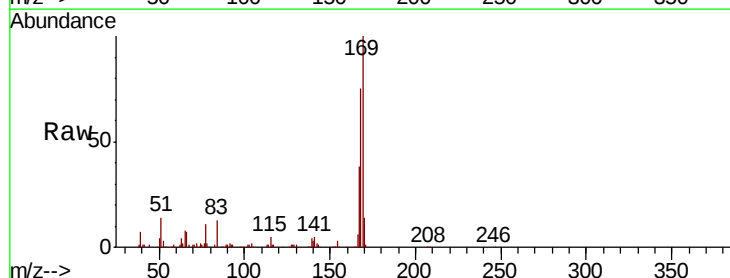
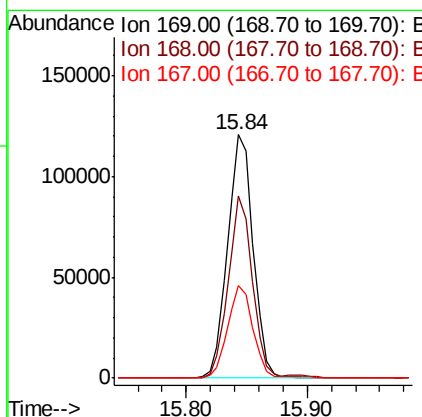
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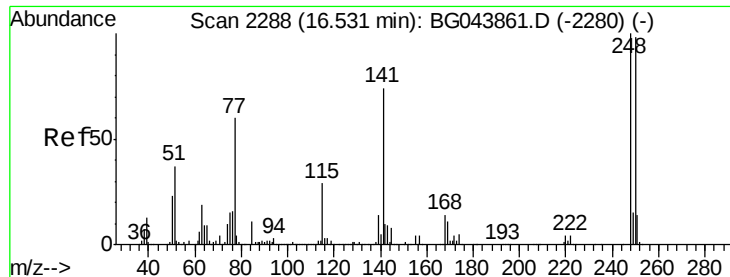
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#66
n-Nitrosodiphenylamine
Concen: 7.674 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	177303		
168	74.9		59.0	88.6
167	37.8		31.4	47.0





#67

4-Bromophenyl-phenylether

Concen: 7.029 ng

RT: 16.53 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

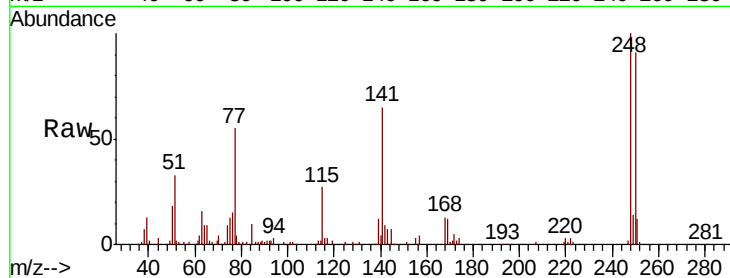
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	248	Resp:	62029
Ion Ratio	Lower	Upper	
248	100		
250	91.4	78.2	117.2
141	64.7	59.3	88.9

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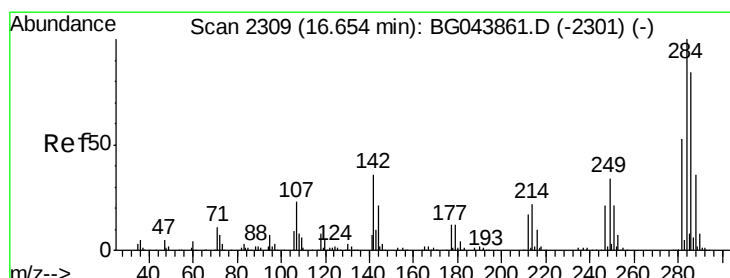
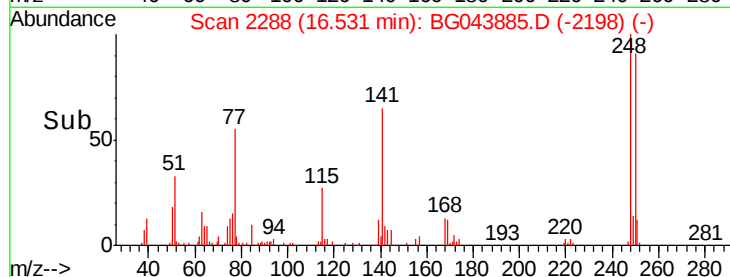
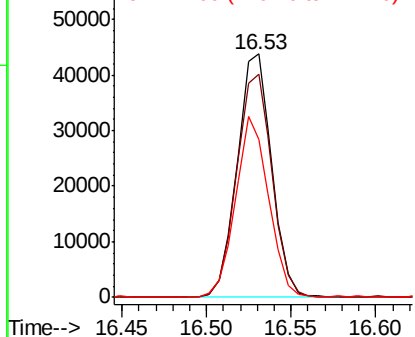


Abundance

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: 7.100 ng

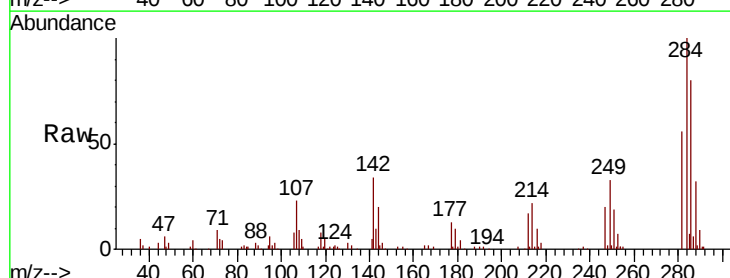
RT: 16.65 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	284	Resp:	67505
Ion Ratio	Lower	Upper	
284	100		
142	34.3	28.6	43.0
249	32.9	27.0	40.6

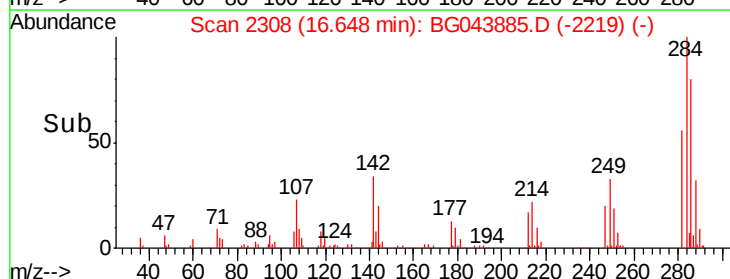
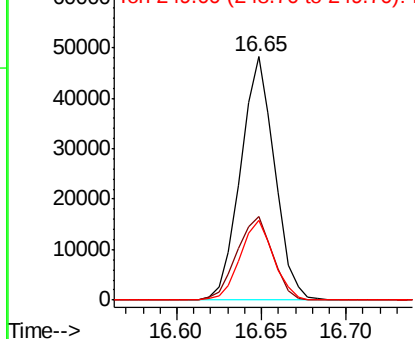


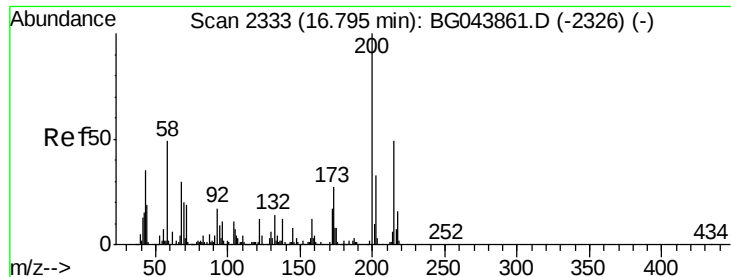
Abundance

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





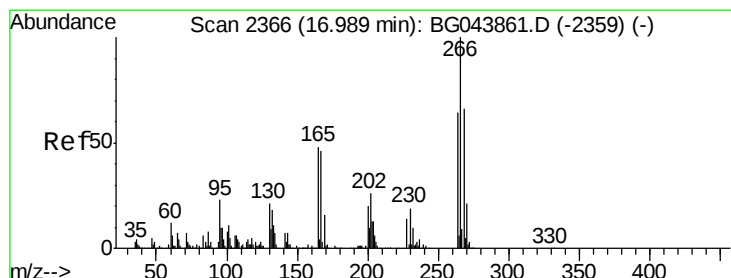
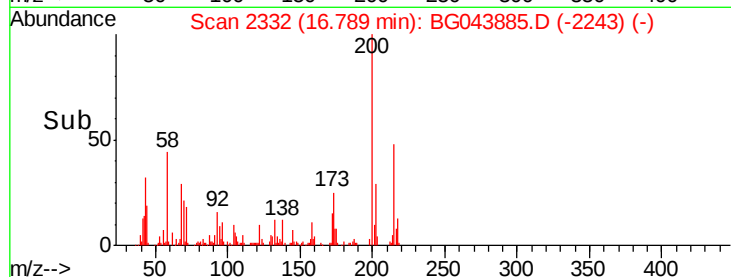
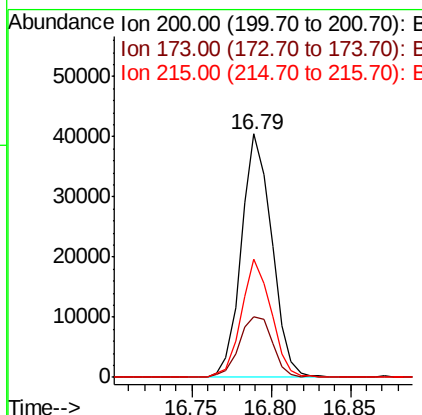
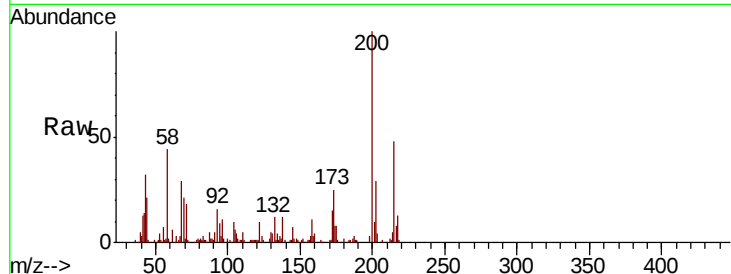
#69
Atrazine
Concen: 7.200 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	6.6	46.6
215	48.4	28.6	68.6

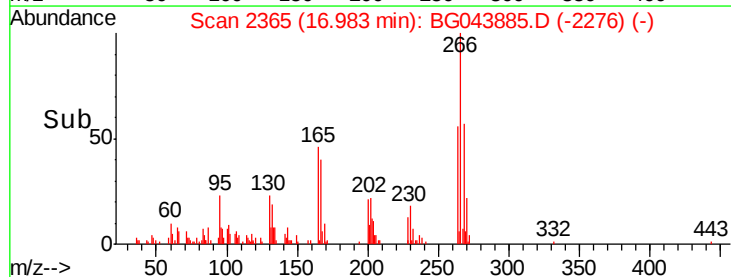
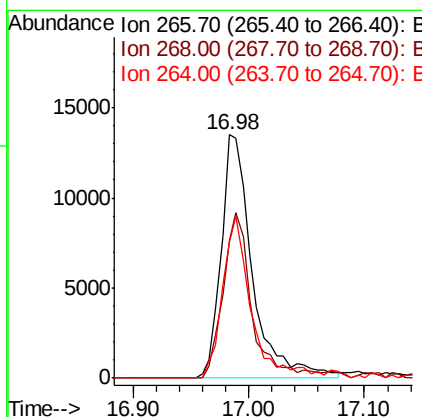
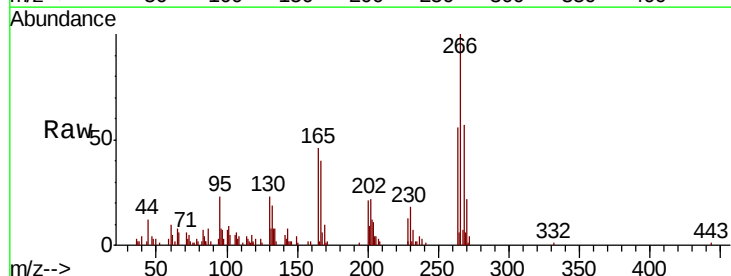
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#70
Pentachlorophenol
Concen: 4.823 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	52.6	79.0
264	56.0	50.8	76.2





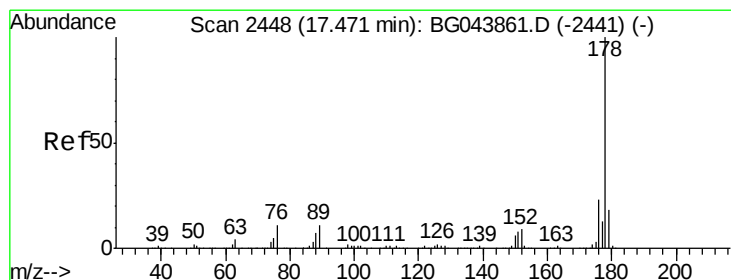
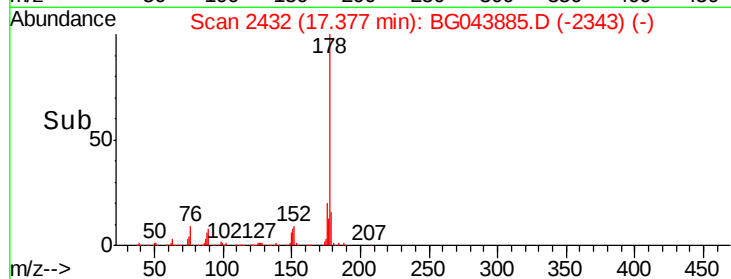
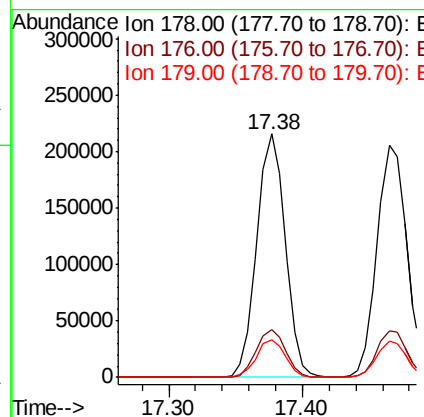
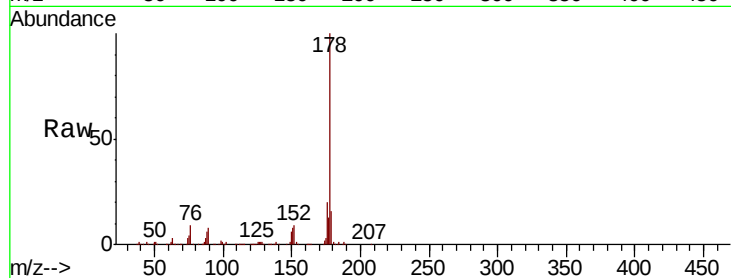
#71
Phenanthrene
Concen: 8.429 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	18.6	28.0
179	15.6	14.4	21.6

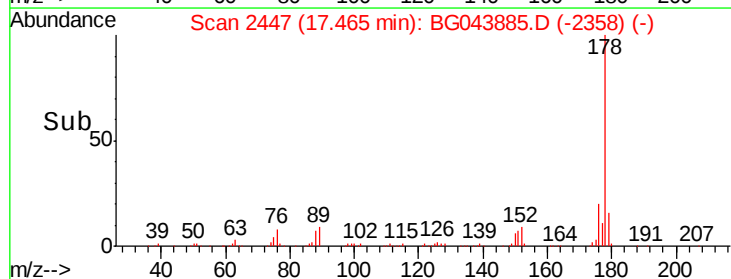
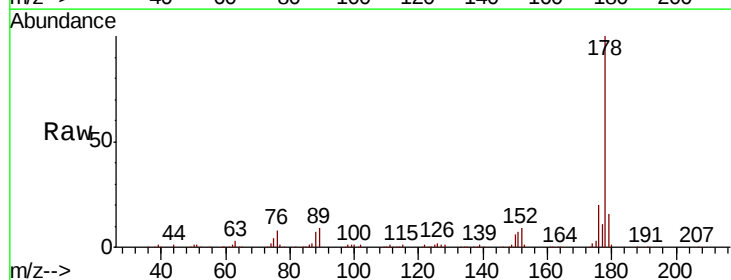
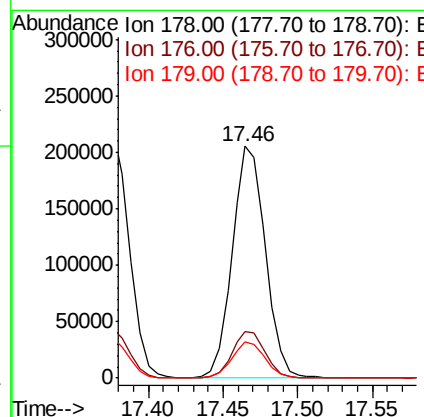
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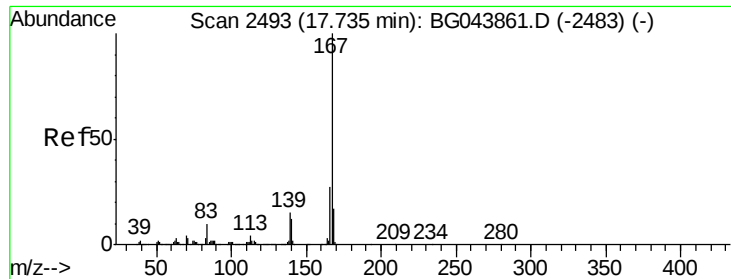
mohammad
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#72
Anthracene
Concen: 8.517 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	18.3	27.5
179	15.6	14.6	22.0





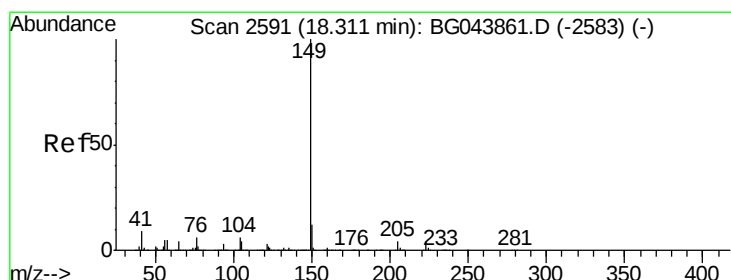
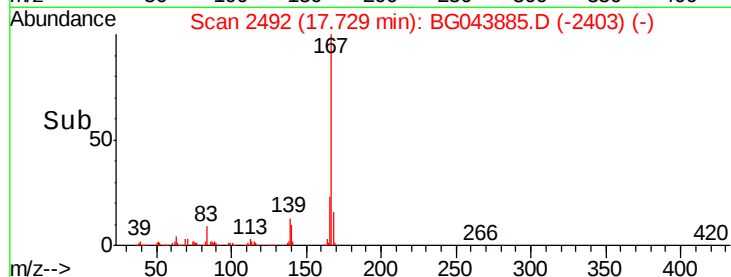
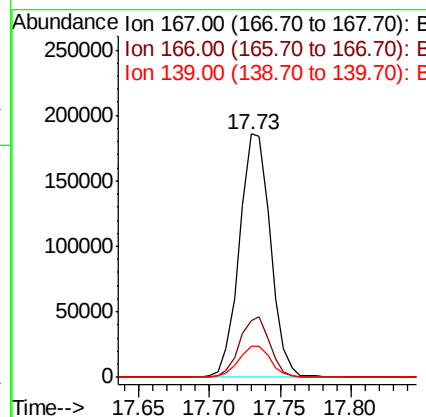
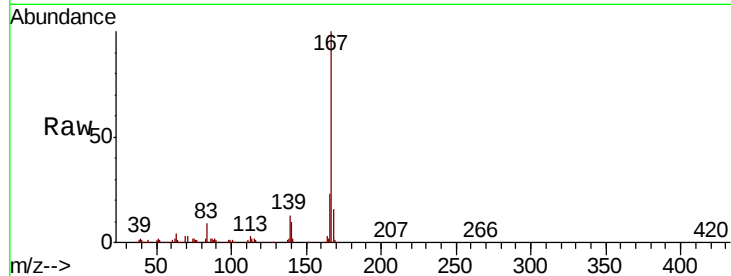
#73
 Carbazole
 Concen: 8.320 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.4	21.6	32.4	
139	13.0	12.1	18.1	

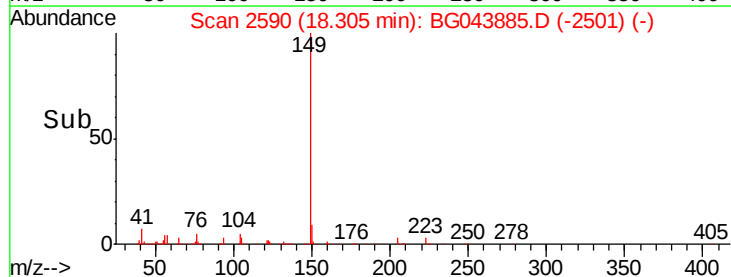
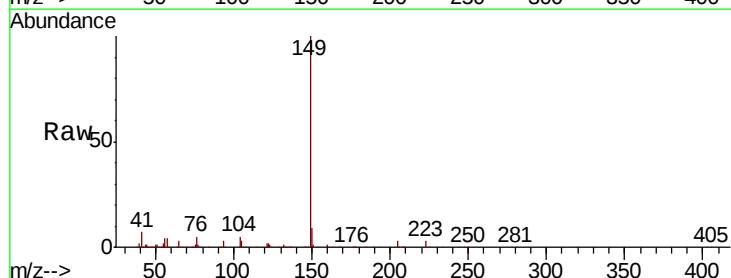
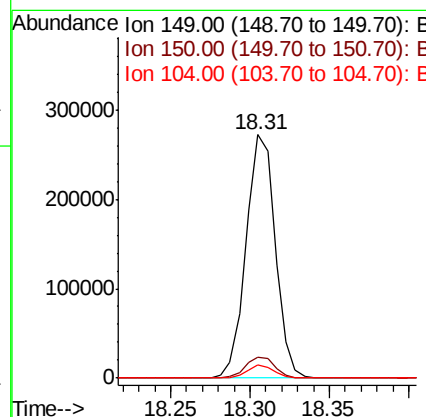
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#74
 Di-n-butylphthalate
 Concen: 7.921 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.8	9.7	14.5#	
104	5.2	5.0	7.4	





#75

Fluoranthene

Concen: 8.523 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

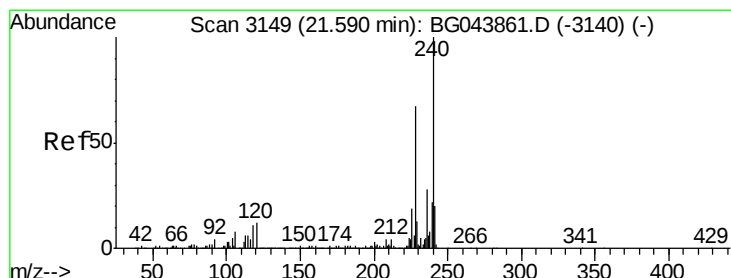
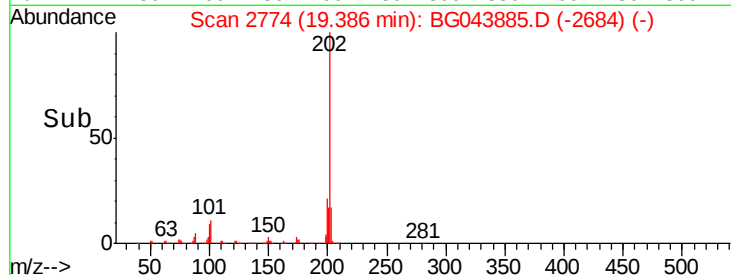
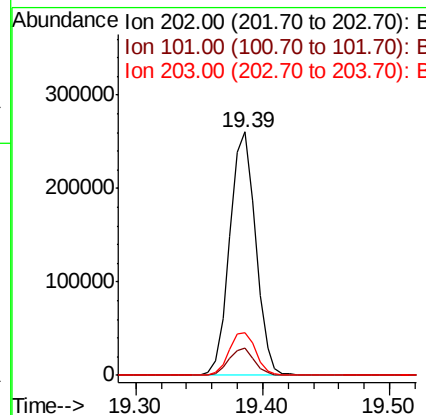
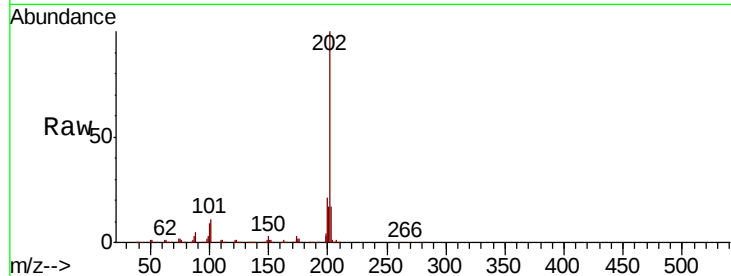
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
202	100	366800		
101	11.3	0.0	33.3	
203	17.5	1.6	41.6	

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#76

Chrysene-d12

Concen: 20.000 ng

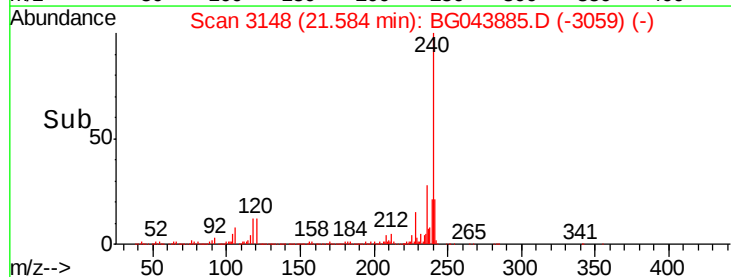
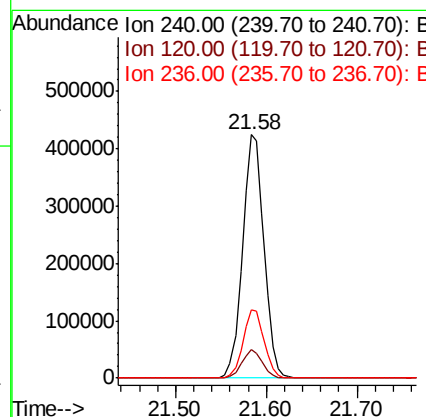
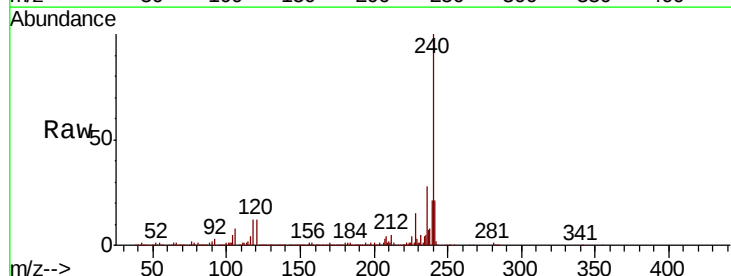
RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	695127		
120	11.6	9.6	14.4	
236	28.1	22.2	33.2	





#77

Benzidine

Concen: 7.396 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

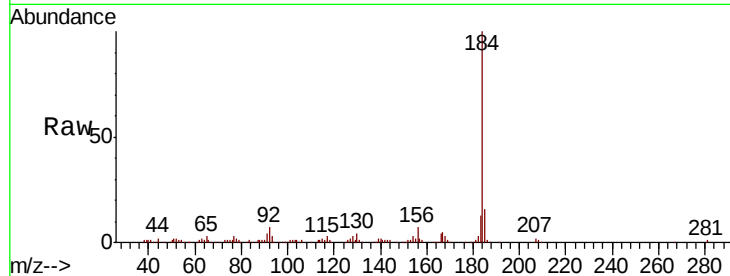
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	184	Resp:	129235
Ion Ratio	Lower	Upper	
184	100		
185	16.4	13.4	20.0
183	12.5	10.6	15.8

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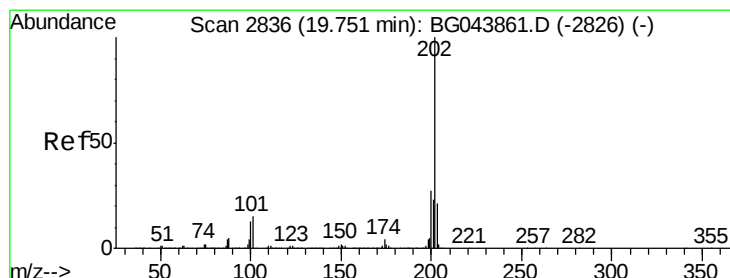
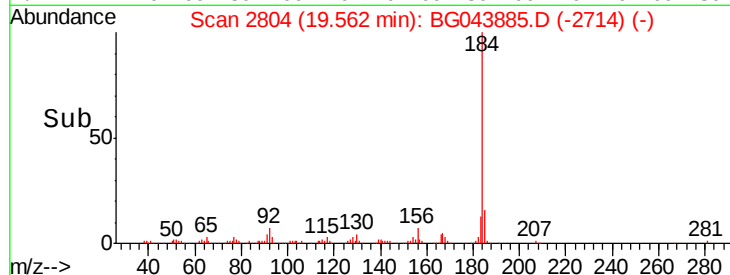
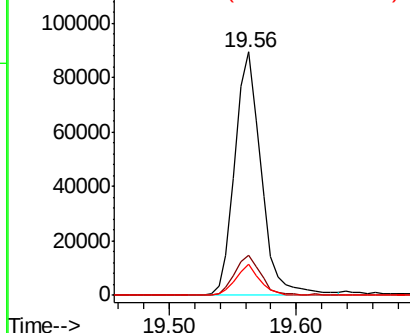


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.464 ng

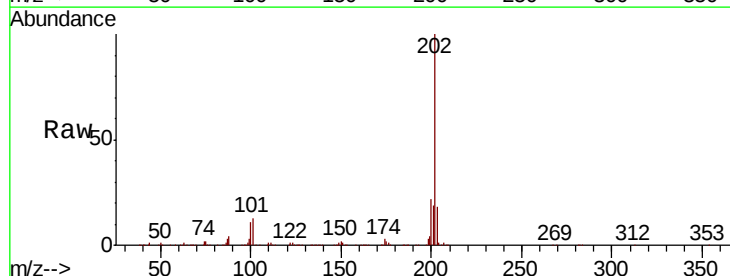
RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	202	Resp:	384038
Ion Ratio	Lower	Upper	
202	100		
200	22.1	21.7	32.5
203	17.6	17.0	25.6

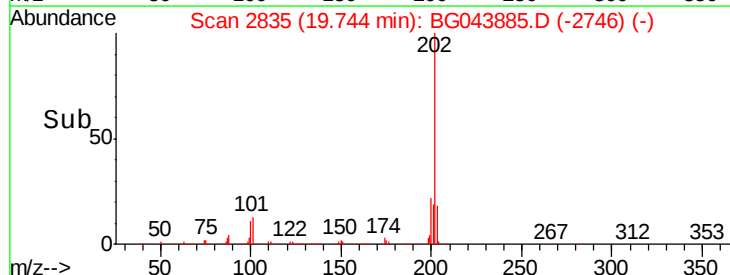
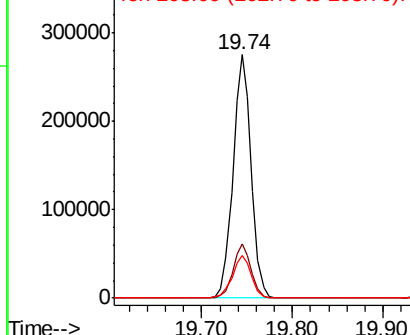


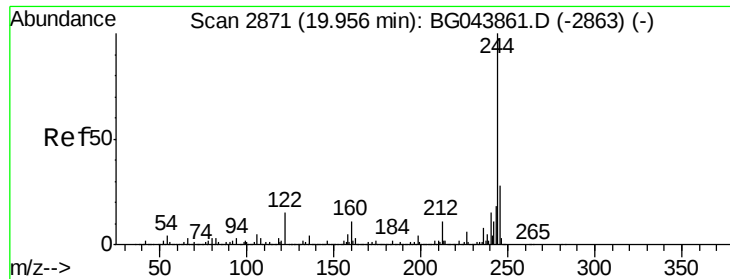
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





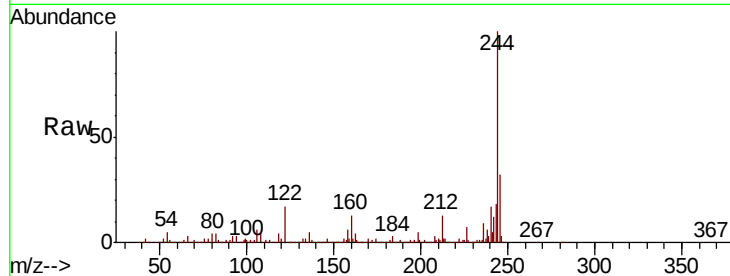
#79
 Terphenyl-d14
 Concen: 98.017 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

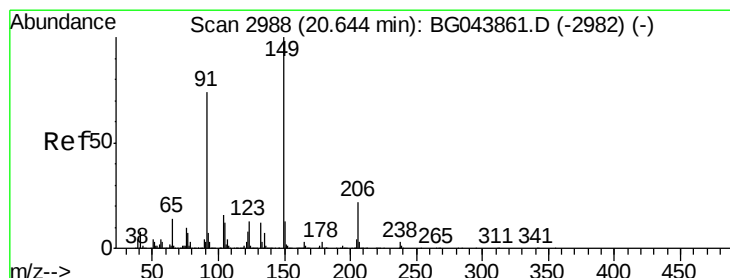
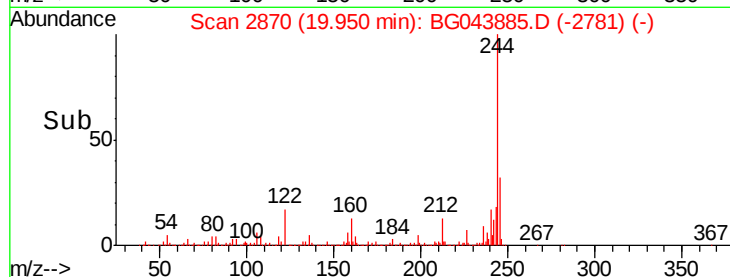
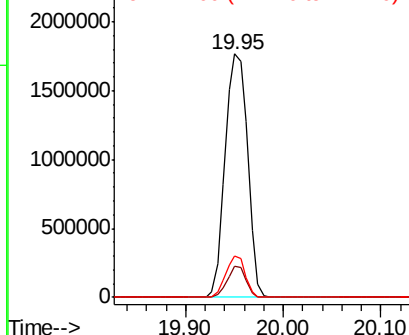
Tot Ion	Ratio	Lower	Upper
244	100		
212	12.6	8.6	13.0
122	17.1	11.9	17.9

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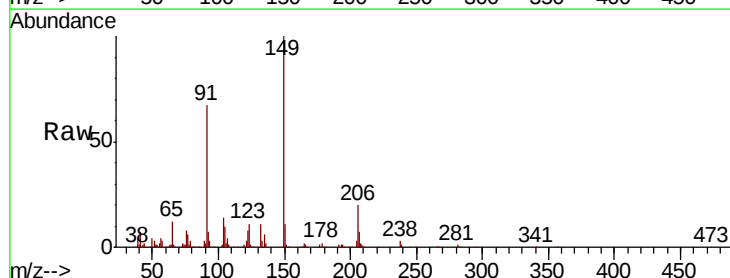


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

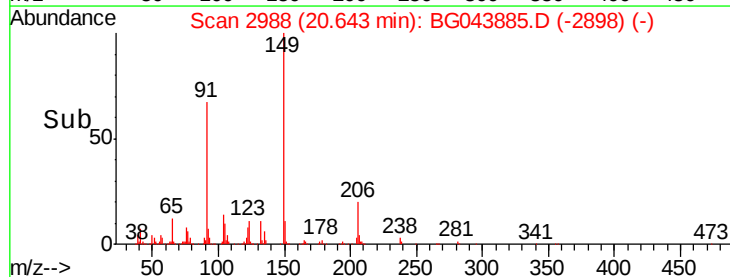
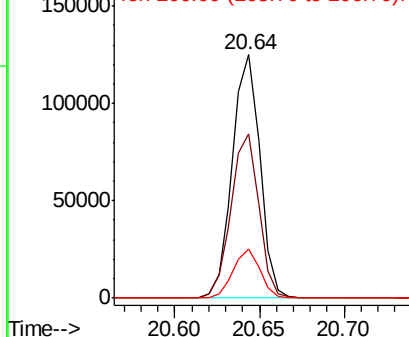


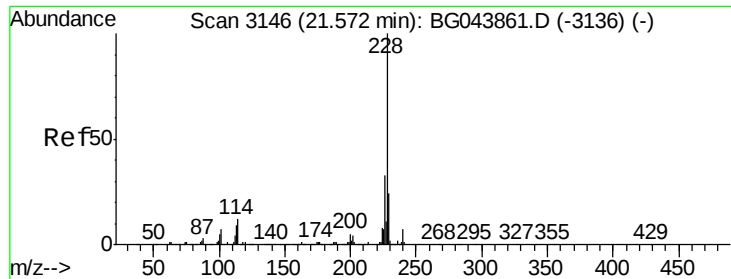
#80
 Butylbenzylphthalate
 Concen: 6.596 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	59.5	89.3
206	20.4	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: 8.249 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

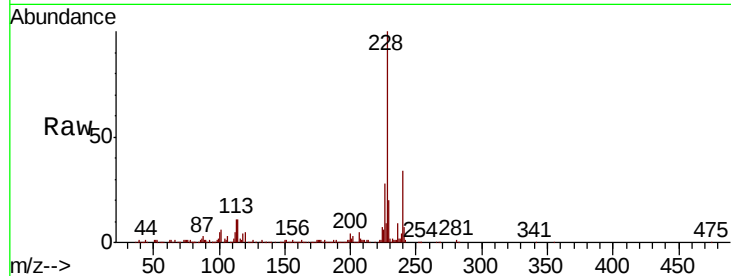
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	228	Resp:	355543
Ion Ratio	Lower	Upper	
228	100		
226	28.3	26.2	39.4
229	20.1	18.9	28.3

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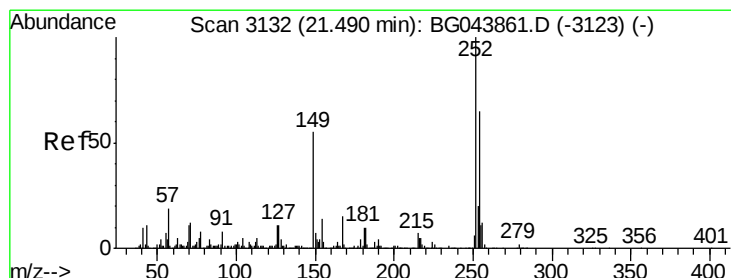
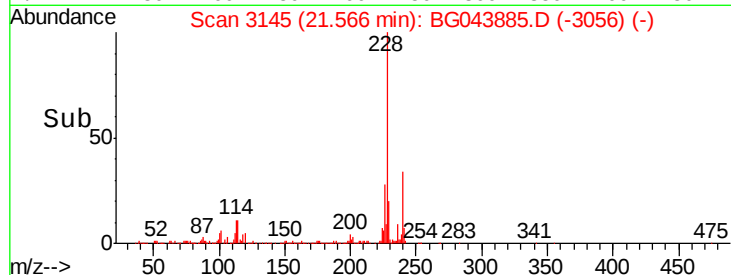
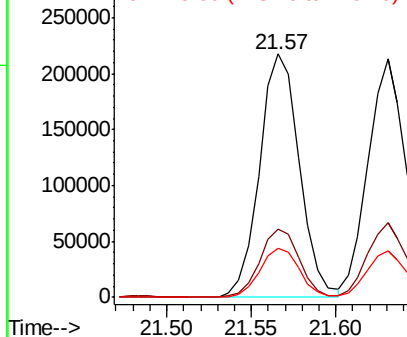


Abundance

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: 7.364 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

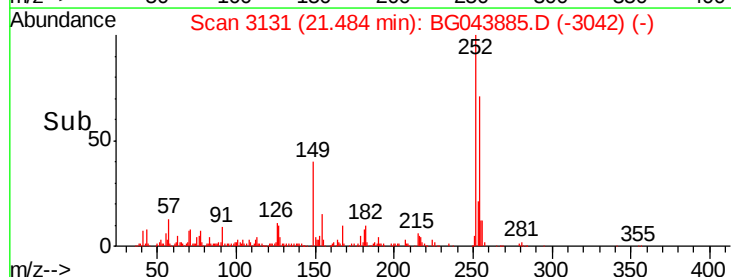
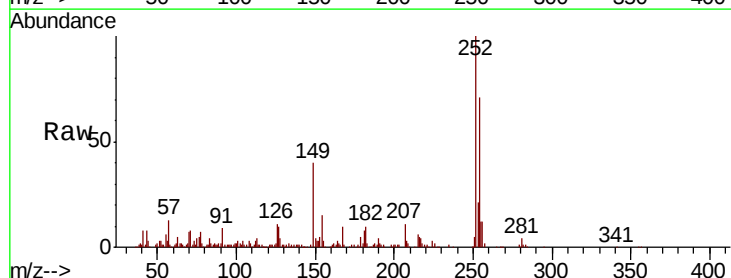
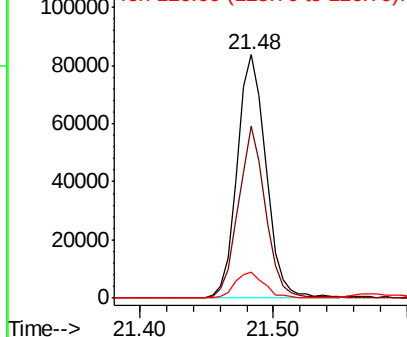
Tgt Ion:	252	Resp:	125401
Ion Ratio	Lower	Upper	
252	100		
254	70.6	52.1	78.1
126	10.9	9.1	13.7

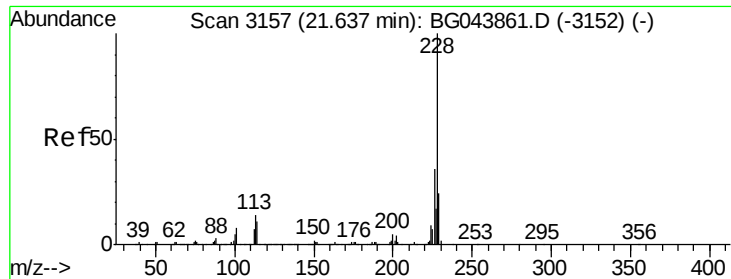
Abundance

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





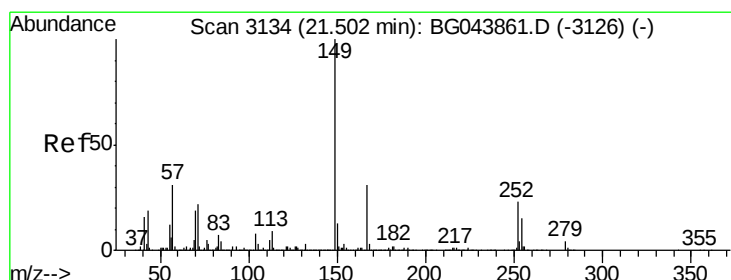
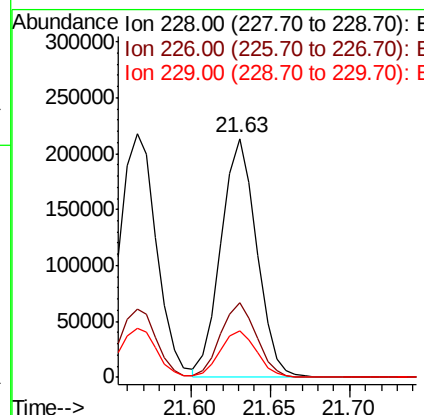
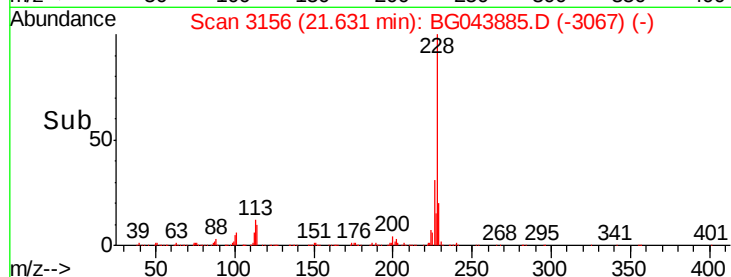
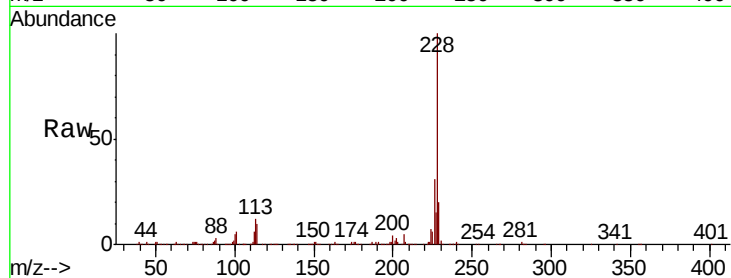
#83
 Chrvsene
 Concen: 8.121 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	28.8	43.2
229	19.5	19.0	28.6

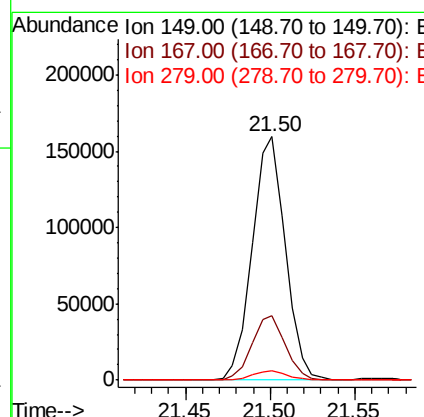
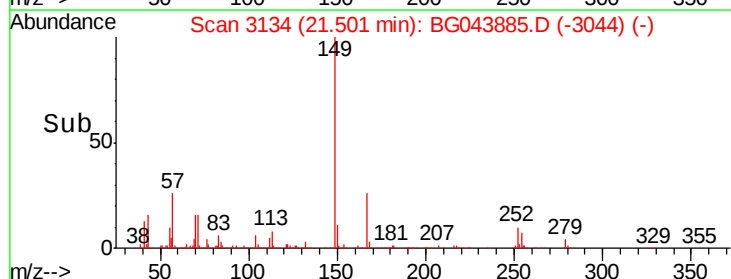
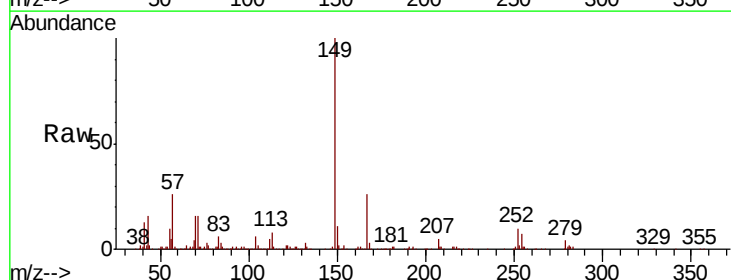
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.317 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG043885.D
 Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	24.7	37.1
279	3.9	3.3	4.9





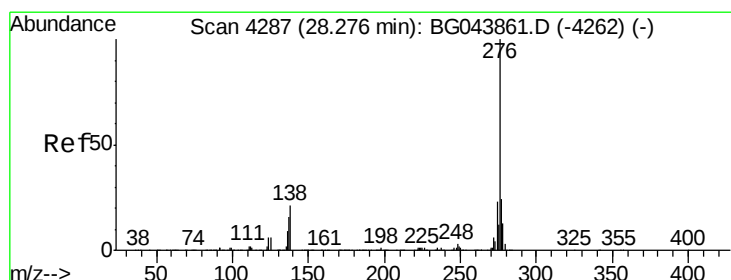
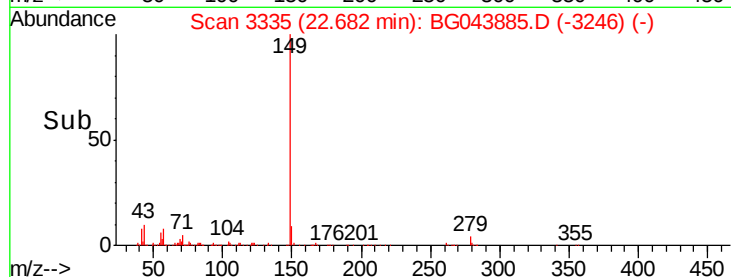
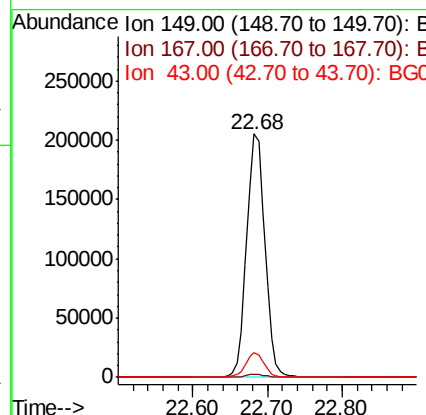
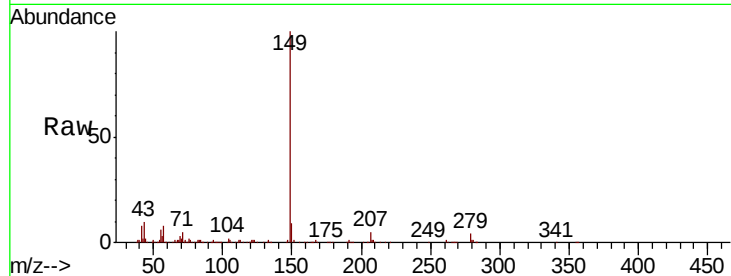
#85
Di-n-octyl phthalate
Concen: 6.991 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.4	2.0
43	10.0	8.8	13.2

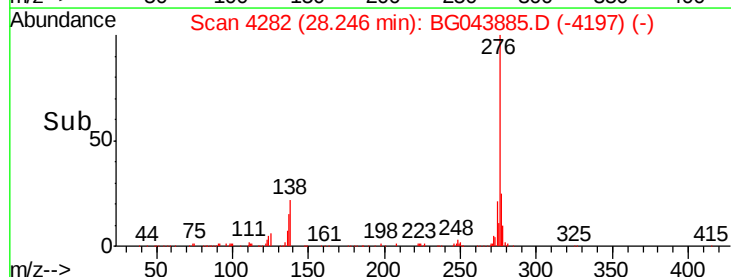
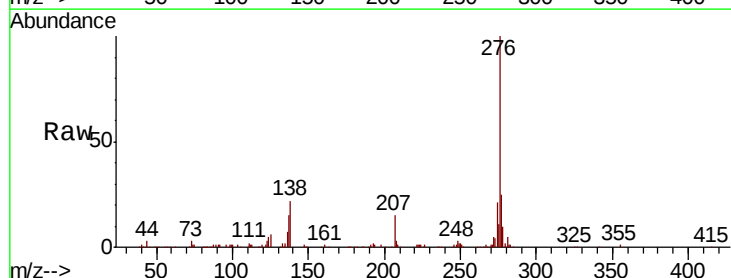
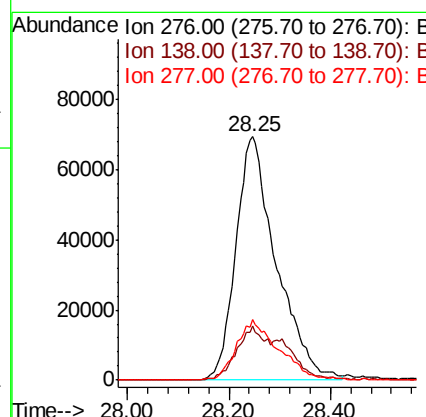
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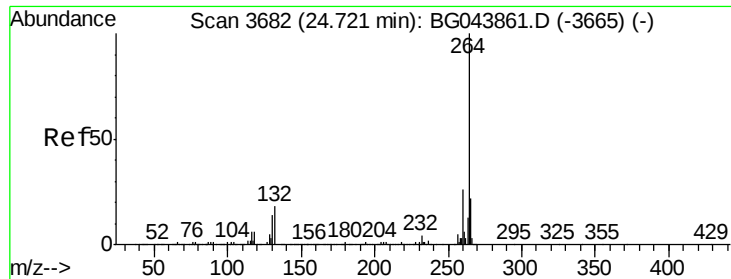
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.902 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.03 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.9	21.0	31.4#
277	26.1	21.1	31.7





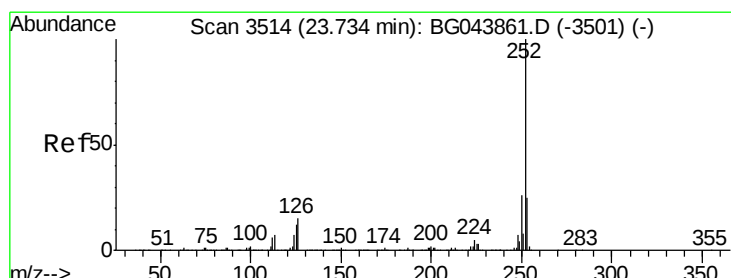
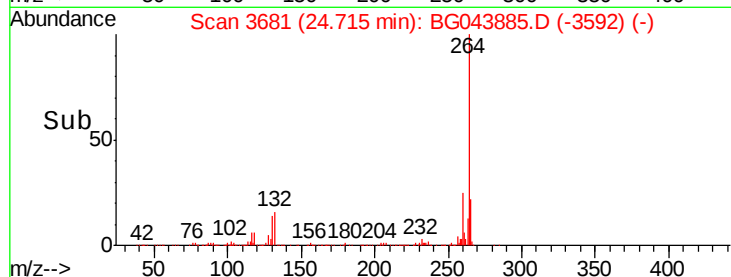
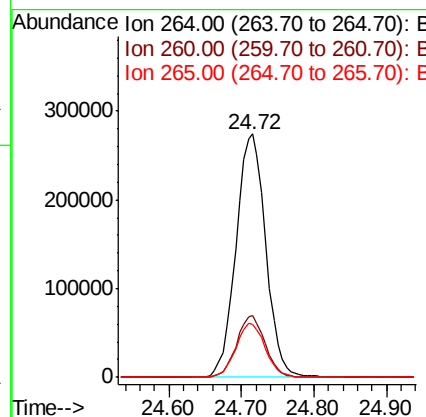
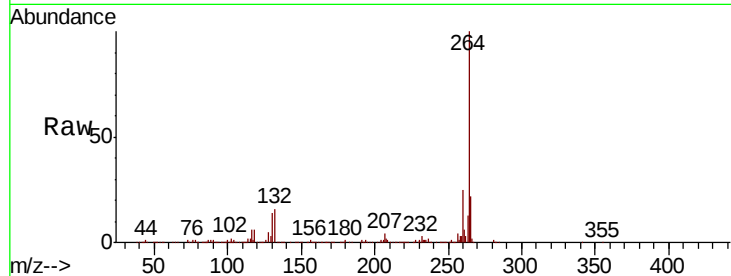
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	21.8	17.4	26.2

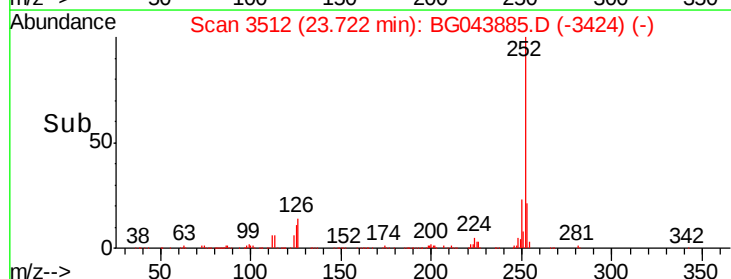
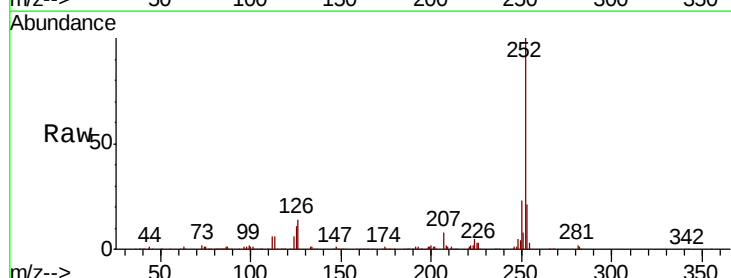
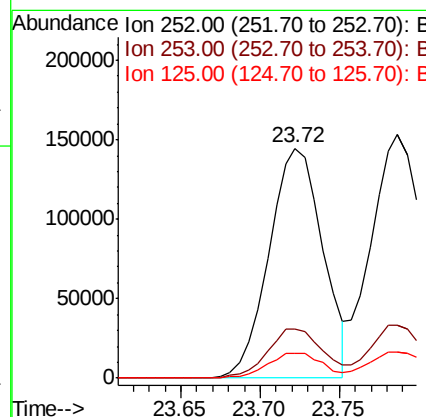
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#88
Benzo(b)fluoranthene
Concen: 7.376 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.7	29.5
125	10.9	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 8.053 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Instrument :

BNA_G

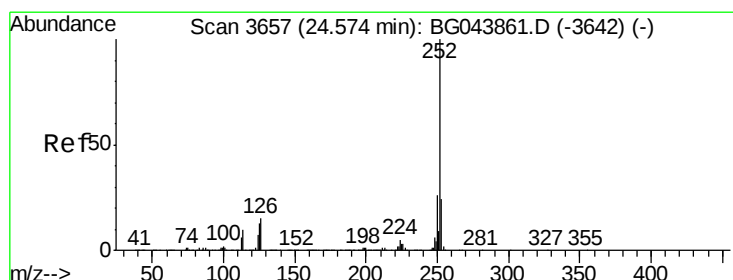
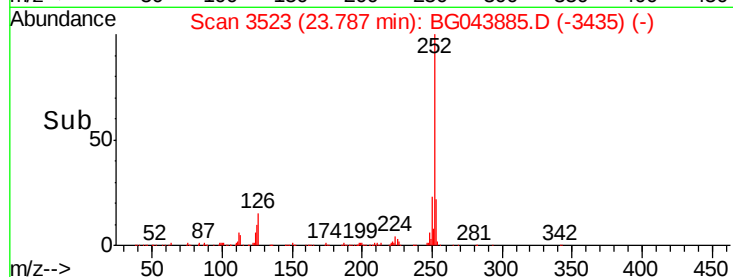
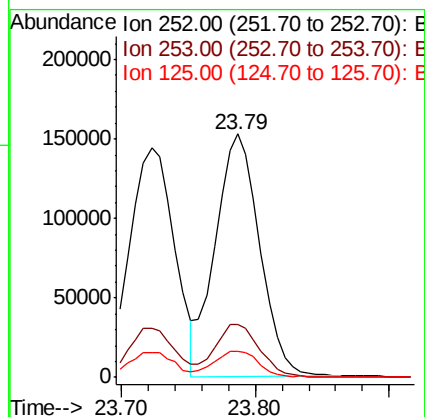
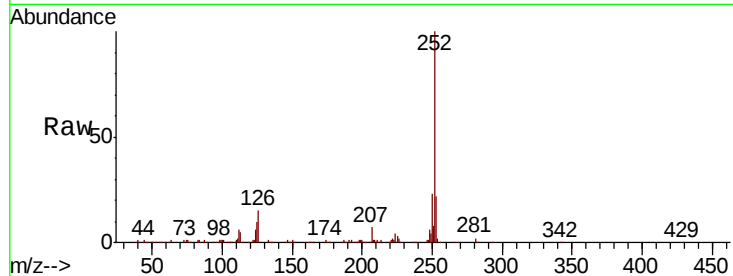
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	252	Resp:	352731
Ion Ratio	Lower	Upper	
252	100		
253	21.5	19.4	29.2
125	10.5	9.9	14.9

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#90

Benzo(a)pyrene

Concen: 7.198 ng

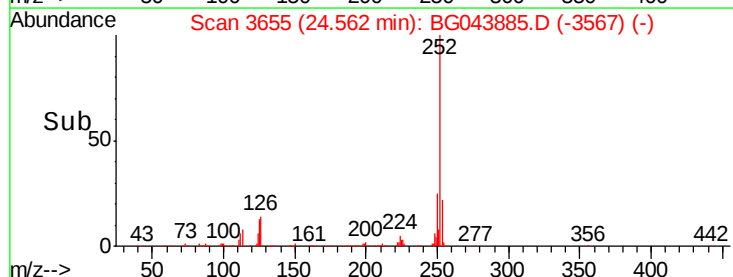
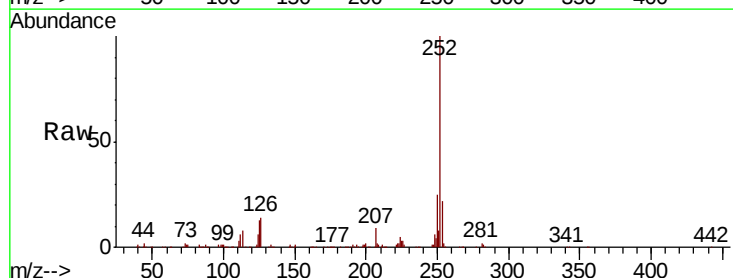
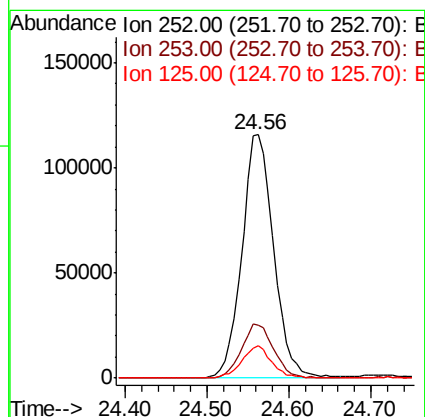
RT: 24.56 min Scan# 3655

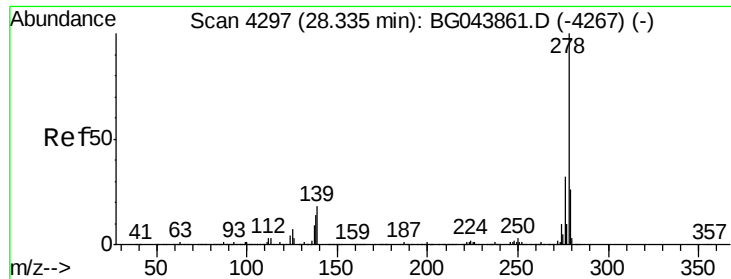
Delta R.T. -0.01 min

Lab File: BG043885.D

Acq: 3 Jan 2020 12:52

Tgt Ion:	252	Resp:	312928
Ion Ratio	Lower	Upper	
252	100		
253	21.9	19.3	28.9
125	13.3	10.4	15.6





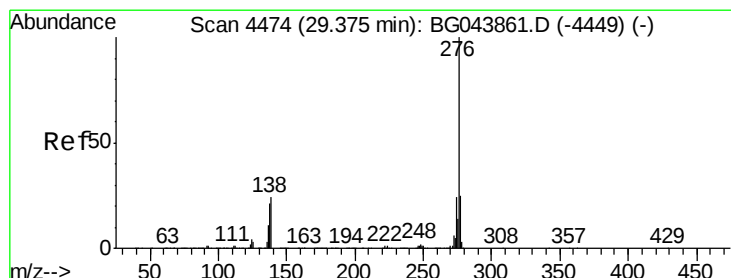
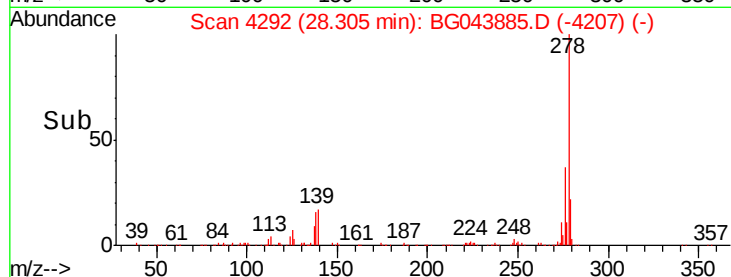
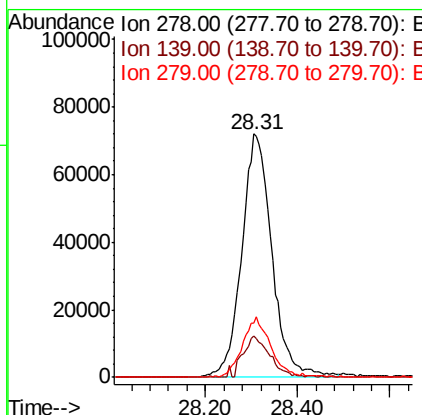
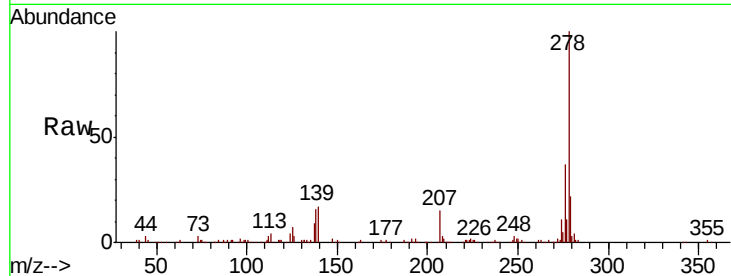
#91
Dibenzo(a,h)anthracene
Concen: 7.512 ng
RT: 28.31 min Scan# 4292
Delta R.T. -0.03 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.2	21.4
279	22.1	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 7.346 ng
RT: 29.34 min Scan# 4468
Delta R.T. -0.04 min
Lab File: BG043885.D
Acq: 3 Jan 2020 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	20.2	30.4
138	21.0	19.0	28.6

