

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
 Data File : BG052373.D
 Acq On : 11 Feb 2022 17:05
 Operator : CG/JU
 Sample : M4068-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Feb 12 01:32:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 12 01:31:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	21024	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	90242	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	68192	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	173975	20.000	ng	0.00
76) Chrysene-d12	21.936	240	188051	20.000	ng	0.00
86) Perylene-d12	25.414	264	185320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	193573	160.469	ng	0.00
7) Phenol-d6	7.373	99	286505	153.932	ng	0.00
23) Nitrobenzene-d5	9.400	82	174484	84.033	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	161543	164.892	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	430367	87.695	ng	0.00
79) Terphenyl-d14	20.215	244	912707	85.706	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.584	88	2525	4.546	ng	86
3) Pyridine	4.007	79	4652	2.888	ng	# 94
4) n-Nitrosodimethylamine	3.908	42	2760	3.318	ng	# 56
6) Aniline	7.538	93	8887	4.110	ng	94
8) 2-Chlorophenol	7.791	128	5343	4.026	ng	81
9) Benzaldehyde	7.344	77	6542	5.726	ng	# 85
10) Phenol	7.397	94	7016	3.794	ng	# 70
11) bis(2-Chloroethyl)ether	7.626	93	5510	3.898	ng	92
12) 1,3-Dichlorobenzene	8.120	146	5765	3.813	ng	96
13) 1,4-Dichlorobenzene	8.120	146	5765	3.740	ng	96
14) 1,2-Dichlorobenzene	8.589	146	5763	3.791	ng	93
15) Benzyl Alcohol	8.460	79	5467	3.539	ng	# 79
16) 2,2'-oxybis(1-Chloropr...	8.748	45	7961	3.900	ng	98
17) 2-Methylphenol	8.678	107	4666	3.824	ng	# 77
18) Hexachloroethane	9.330	117	1974	3.683	ng	# 76
19) n-Nitroso-di-n-propyla...	9.030	70	5527	3.939	ng	# 83
20) 3+4-Methylphenols	9.001	107	6174	3.536	ng	89
22) Acetophenone	9.048	105	9272	3.888	ng	# 93
24) Nitrobenzene	9.447	77	8164	4.145	ng	# 83
25) Isophorone	9.964	82	14782	4.184	ng	# 90
26) 2-Nitrophenol	10.164	139	3207	3.842	ng	# 82
27) 2,4-Dimethylphenol	10.223	122	5407	4.374	ng	# 77
28) bis(2-Chloroethoxy)met...	10.446	93	7967	3.974	ng	# 87
29) 2,4-Dichlorophenol	10.710	162	4634	3.128	ng	96
30) 1,2,4-Trichlorobenzene	10.927	180	6229	3.601	ng	# 79
31) Naphthalene	11.115	128	19252	4.069	ng	# 95
32) Benzoic acid	10.346	122	603	0.831	ng	# 88
33) 4-Chloroaniline	11.215	127	7795	3.947	ng	# 90
34) Hexachlorobutadiene	11.403	225	4425	3.787	ng	95
35) Caprolactam	11.950	113	1831	3.391	ng	# 58
36) 4-Chloro-3-methylphenol	12.331	107	6208	3.683	ng	94
37) 2-Methylnaphthalene	12.713	142	14150	4.027	ng	96
38) 1-Methylnaphthalene	12.931	142	13744	4.037	ng	# 94
40) 1,2,4,5-Tetrachloroben...	13.078	216	9006	4.015	ng	# 95
41) Hexachlorocyclopentadiene	13.054	237	1490	1.573	ng	# 74
43) 2,4,6-Trichlorophenol	13.313	196	5324	3.629	ng	92

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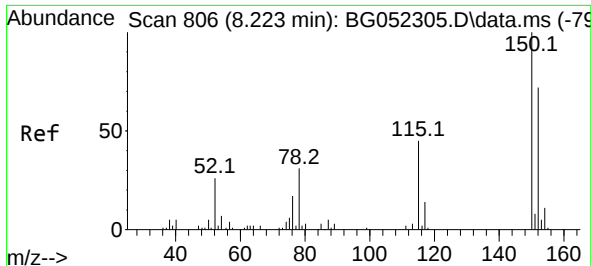
Quant Time: Feb 12 01:32:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 12 01:31:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	5433	3.418	ng	# 86
46) 1,1'-Biphenyl	13.706	154	20897	4.179	ng	93
47) 2-Chloronaphthalene	13.759	162	15343	3.983	ng	95
48) 2-Nitroaniline	13.947	65	4912	3.581	ng	# 83
49) Acenaphthylene	14.599	152	26132	4.167	ng	96
50) Dimethylphthalate	14.305	163	20455	3.916	ng	# 98
51) 2,6-Dinitrotoluene	14.429	165	4215	3.739	ng	93
52) Acenaphthene	14.934	154	15414	3.753	ng	93
53) 3-Nitroaniline	14.769	138	4097	3.497	ng	91
54) 2,4-Dinitrophenol	14.987	184	296	0.484	ng	# 46
55) Dibenzofuran	15.269	168	25921	4.013	ng	# 98
56) 4-Nitrophenol	15.092	139	2460	2.796	ng	# 77
57) 2,4-Dinitrotoluene	15.228	165	6041	3.765	ng	# 86
58) Fluorene	15.921	166	20965	4.066	ng	# 93
59) 2,3,4,6-Tetrachlorophenol	15.498	232	5173	3.406	ng	# 96
60) Diethylphthalate	15.662	149	21664	4.105	ng	95
61) 4-Chlorophenyl-phenyle...	15.897	204	11571	3.940	ng	95
62) 4-Nitroaniline	15.927	138	4738	3.841	ng	# 81
63) Azobenzene	16.197	77	20982	3.884	ng	93
65) 4,6-Dinitro-2-methylph...	15.997	198	2023	1.933	ng	89
66) n-Nitrosodiphenylamine	16.115	169	18031	3.762	ng	89
67) 4-Bromophenyl-phenylether	16.796	248	8125	3.840	ng	84
68) Hexachlorobenzene	16.931	284	8226	3.585	ng	95
69) Atrazine	17.049	200	7526	3.883	ng	86
70) Pentachlorophenol	17.284	266	1975	1.759	ng	92
71) Phenanthrene	17.665	178	35153	3.920	ng	99
72) Anthracene	17.754	178	35106	3.994	ng	98
73) Carbazole	18.018	167	32169	3.753	ng	98
74) Di-n-butylphthalate	18.558	149	37586	4.025	ng	99
75) Fluoranthene	19.669	202	46346	4.058	ng	99
77) Benzidine	19.833	184	21017	5.230	ng	99
78) Pyrene	20.027	202	48419	3.848	ng	97
80) Butylbenzylphthalate	20.896	149	16323	3.734	ng	95
81) Benzo(a)anthracene	21.913	228	49077	3.944	ng	97
82) 3,3'-Dichlorobenzidine	21.825	252	17345	3.993	ng	95
83) Chrysene	21.989	228	45389	3.849	ng	97
84) Bis(2-ethylhexyl)phtha...	21.795	149	23896	3.943	ng	98
85) Di-n-octyl phthalate	23.087	149	39034	3.841	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.414	276	49792	3.672	ng	# 58
88) Benzo(b)fluoranthene	24.298	252	46698	4.044	ng	# 90
89) Benzo(k)fluoranthene	24.368	252	45296	3.970	ng	# 95
90) Benzo(a)pyrene	25.243	252	45609	4.675	ng	99
91) Dibenzo(a,h)anthracene	29.473	278	45547	4.066	ng	# 94
92) Benzo(g,h,i)perylene	30.671	276	41719	3.795	ng	97

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

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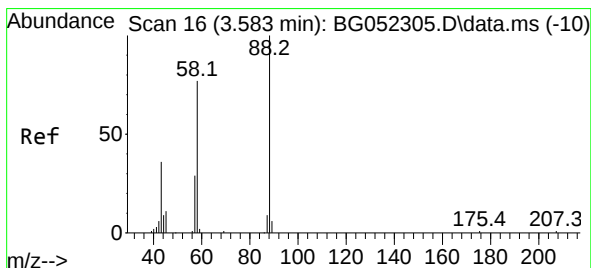
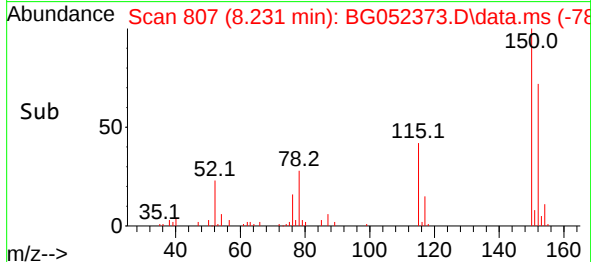
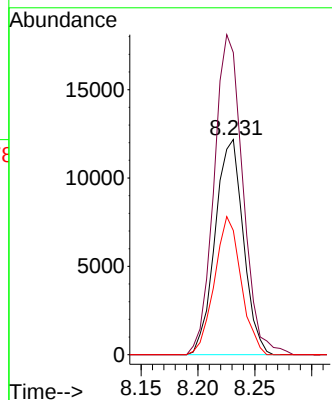
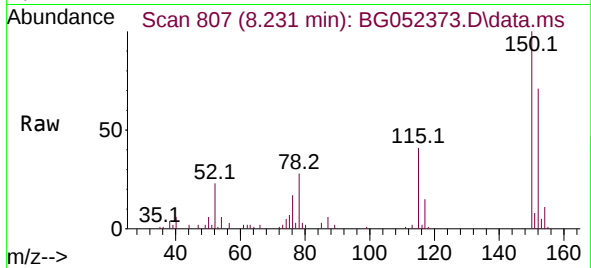
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.231 min Scan# 806
Delta R.T. 0.008 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

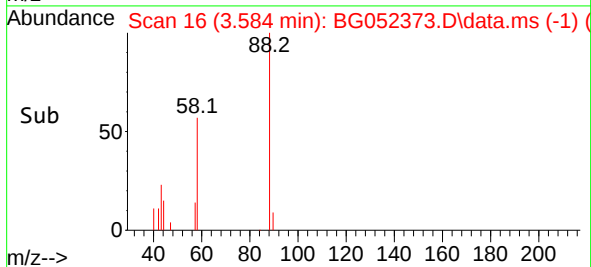
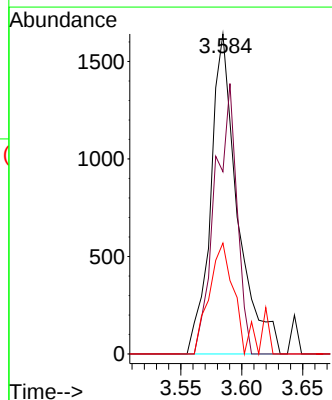
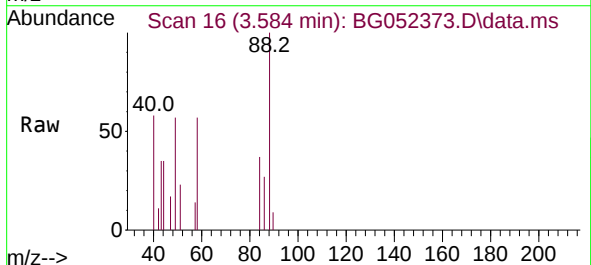
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

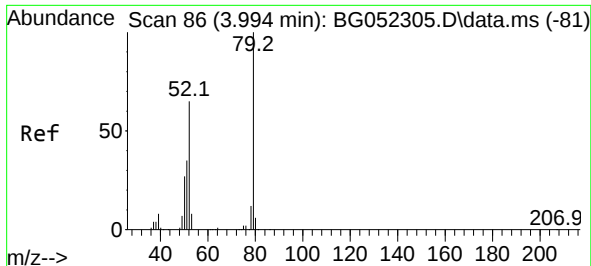
Tgt Ion:152 Resp: 21024
Ion Ratio Lower Upper
152 100
150 140.4 117.8 176.8
115 57.7 50.2 75.2



#2
1,4-Dioxane
Concen: 4.546 ng
RT: 3.584 min Scan# 16
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion: 88 Resp: 2525
Ion Ratio Lower Upper
88 100
58 68.4 65.8 98.8
43 32.8 31.6 47.4





#3

Pyridine

Concen: 2.888 ng

RT: 4.007 min Scan# 81

Delta R.T. 0.014 min

Lab File: BG052373.D

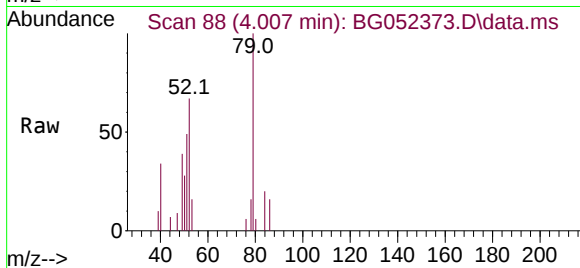
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Instrument :

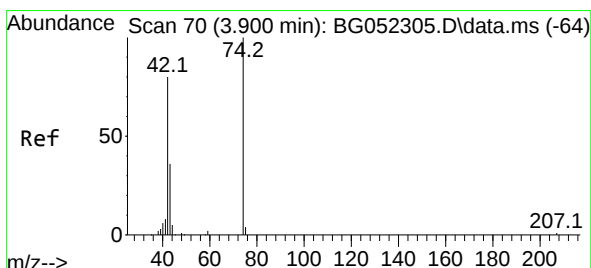
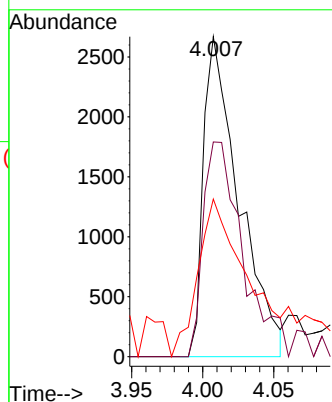
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 79	Resp: 4652
Ion Ratio	Lower Upper
79	100
52	67.1 55.0 82.6
51	49.2 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 3.318 ng

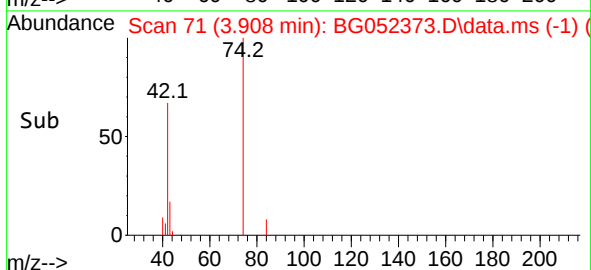
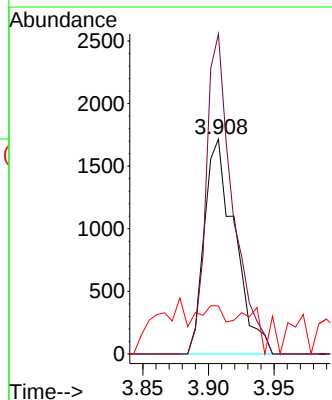
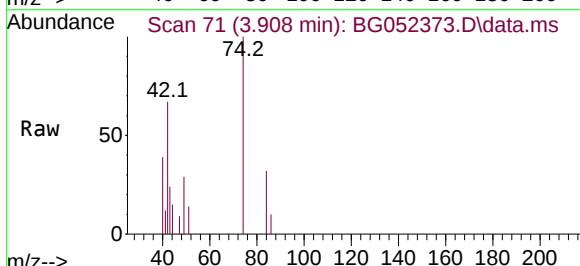
RT: 3.908 min Scan# 71

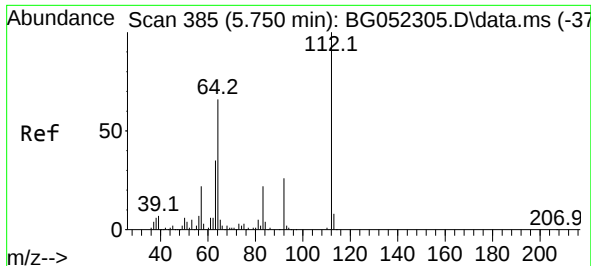
Delta R.T. 0.008 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Tgt Ion: 42	Resp: 2760
Ion Ratio	Lower Upper
42	100
74	149.0 83.0 124.4
44	22.3 5.0 7.6

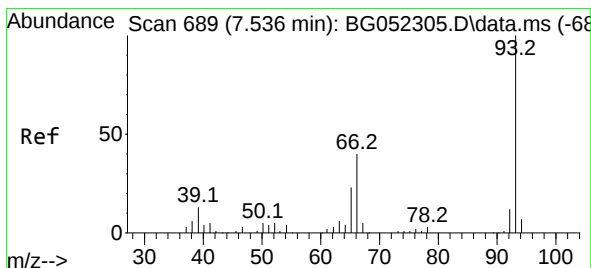
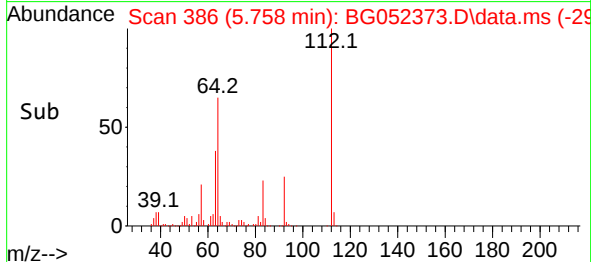
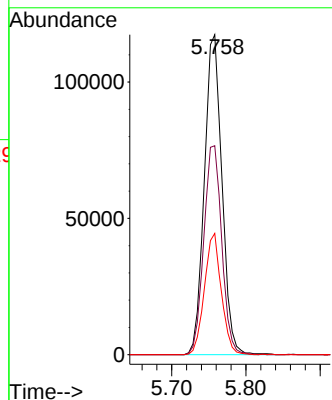
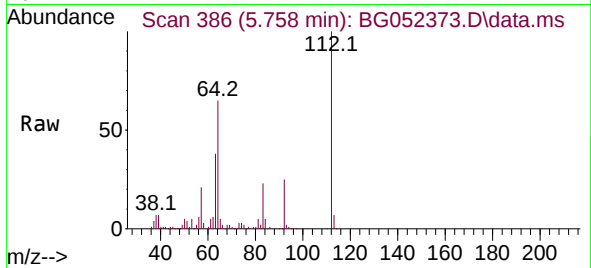




#5
2-Fluorophenol
Concen: 160.469 ng
RT: 5.758 min Scan# 385
Delta R.T. 0.008 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

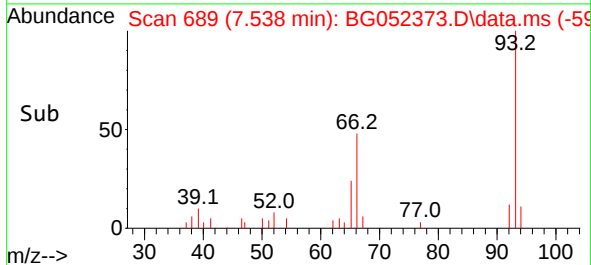
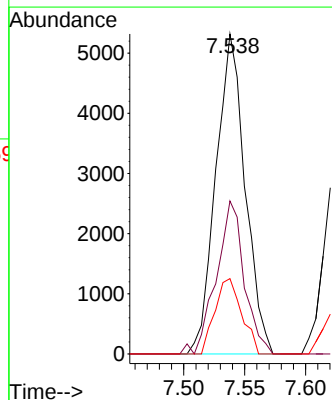
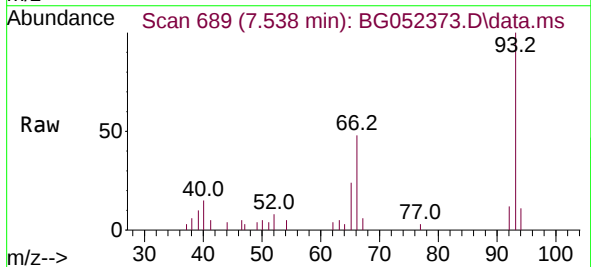
Instrument :
BNA_G
ClientSampleId :
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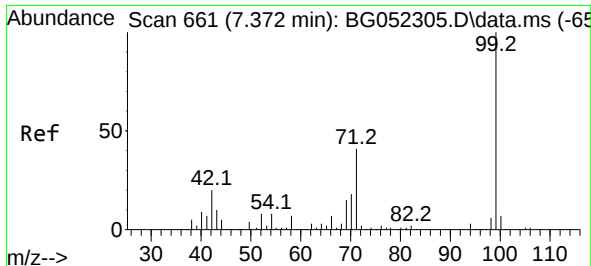
Tgt Ion:112 Resp: 193573
Ion Ratio Lower Upper
112 100
64 65.3 60.4 90.6
63 37.9 33.3 49.9



#6
Aniline
Concen: 4.110 ng
RT: 7.538 min Scan# 689
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion: 93 Resp: 8887
Ion Ratio Lower Upper
93 100
66 47.8 34.3 51.5
65 23.6 17.6 26.4

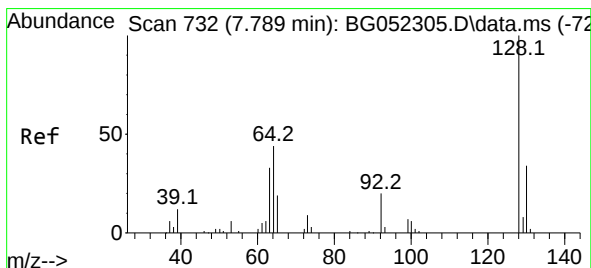
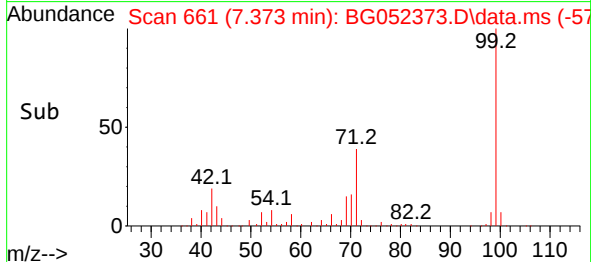
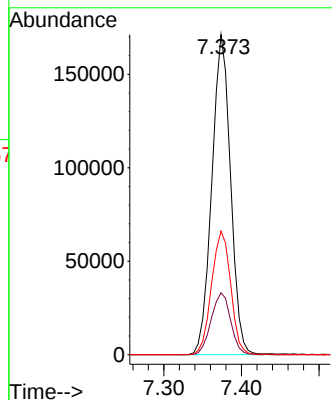
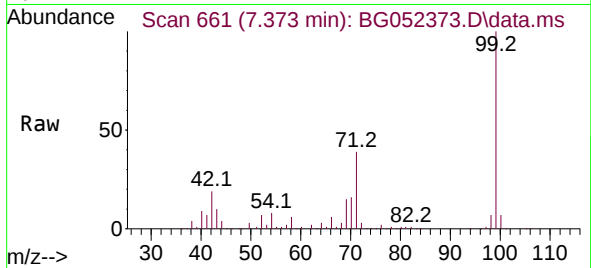




#7
Phenol-d6
Concen: 153.932 ng
RT: 7.373 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

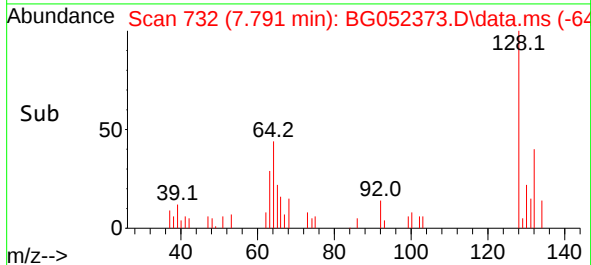
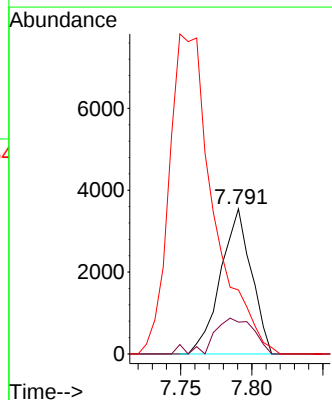
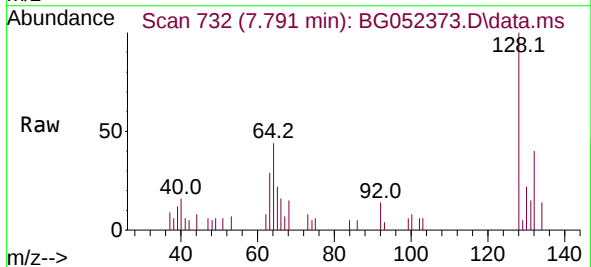
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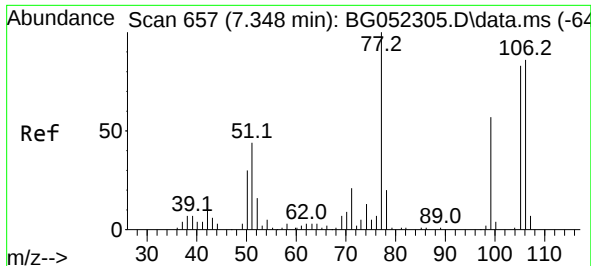
Tgt Ion: 99 Resp: 286505
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 38.6 33.4 50.2



#8
2-Chlorophenol
Concen: 4.026 ng
RT: 7.791 min Scan# 732
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:128 Resp: 5343
Ion Ratio Lower Upper
128 100
130 21.9 13.6 53.6
64 44.1 37.8 77.8

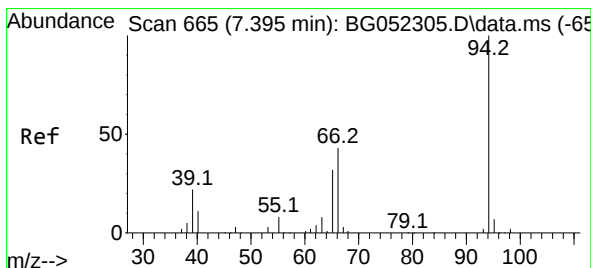
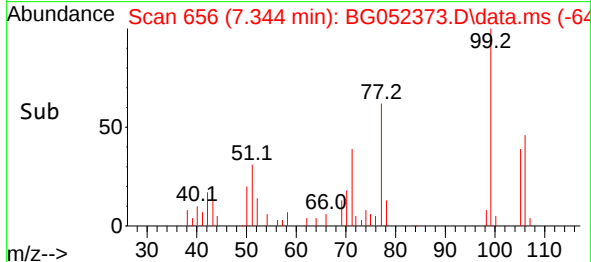
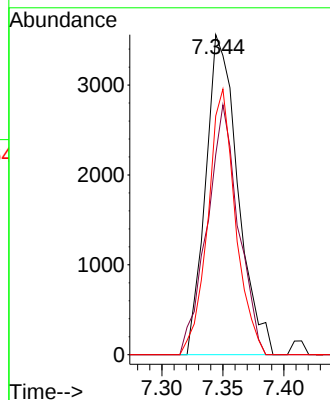
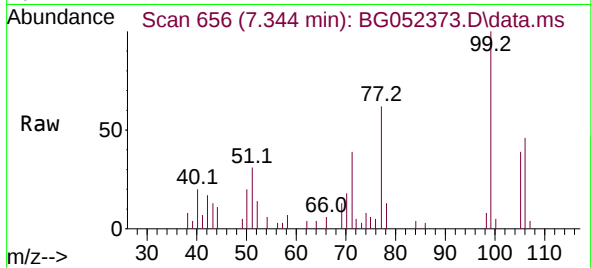




#9
Benzaldehyde
Concen: 5.726 ng
RT: 7.344 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

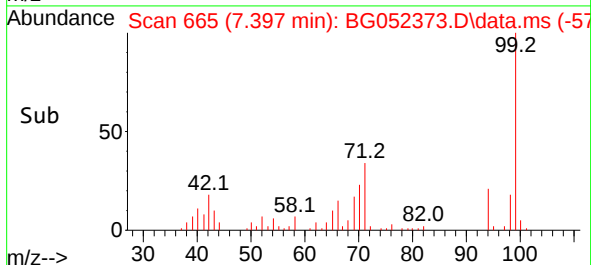
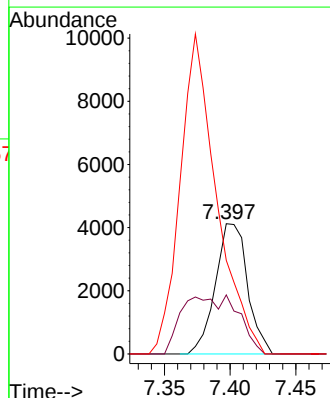
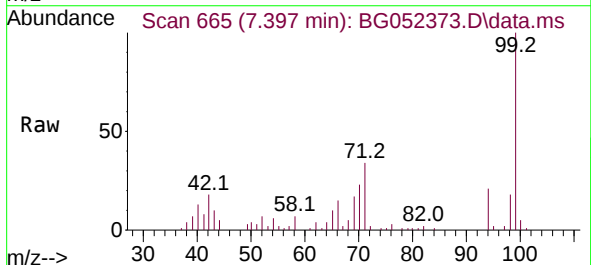
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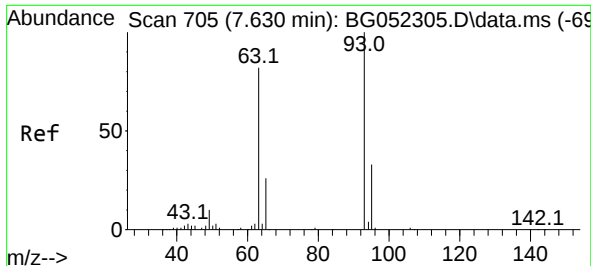
Tgt Ion: 77 Resp: 6542
Ion Ratio Lower Upper
77 100
105 62.5 66.1 106.1#
106 74.6 58.1 98.1



#10
Phenol
Concen: 3.794 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion: 94 Resp: 7016
Ion Ratio Lower Upper
94 100
65 45.3 14.1 54.1
66 71.8 26.6 66.6#

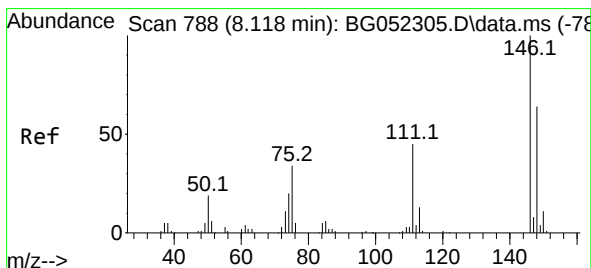
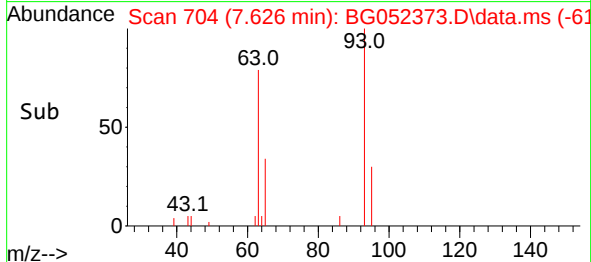
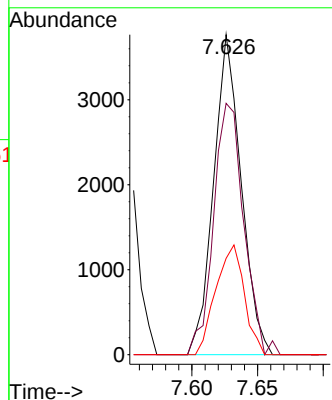
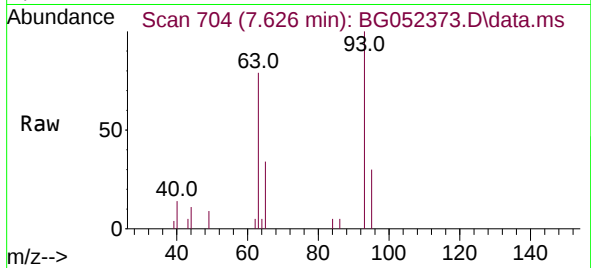




#11
bis(2-Chloroethyl)ether
Concen: 3.898 ng
RT: 7.626 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

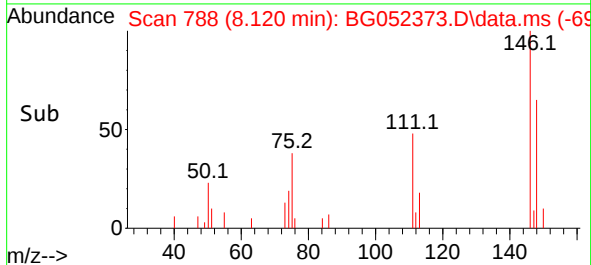
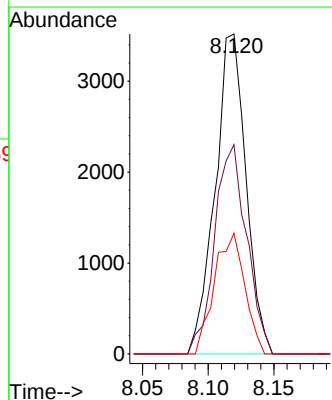
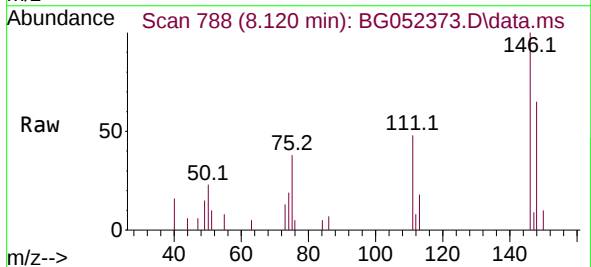
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

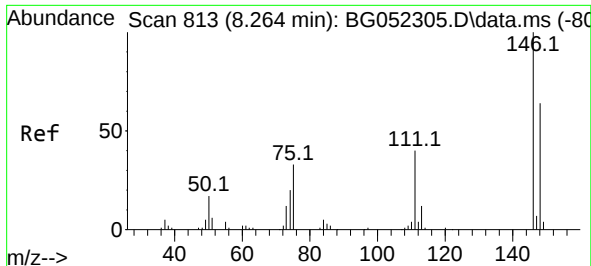
Tgt Ion: 93 Resp: 5510
Ion Ratio Lower Upper
93 100
63 78.5 67.1 107.1
95 30.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 3.813 ng
RT: 8.120 min Scan# 788
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:146 Resp: 5765
Ion Ratio Lower Upper
146 100
148 65.4 49.1 73.7
75 37.7 30.9 46.3

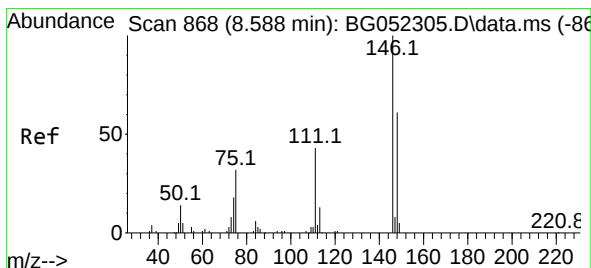
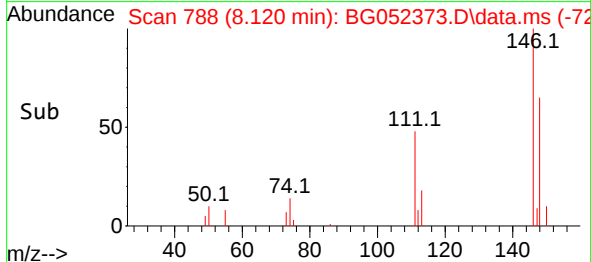
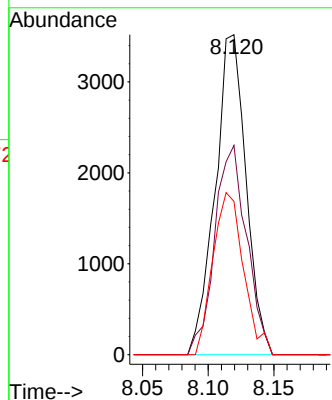
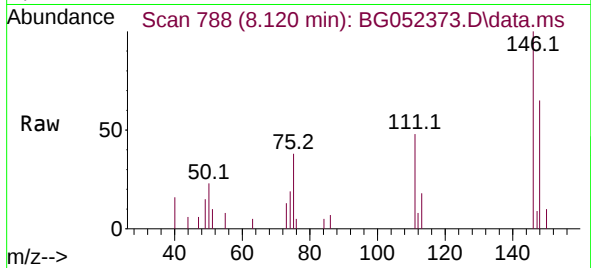




#13
1,4-Dichlorobenzene
Concen: 3.740 ng
RT: 8.120 min Scan# 713
Delta R.T. -0.145 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

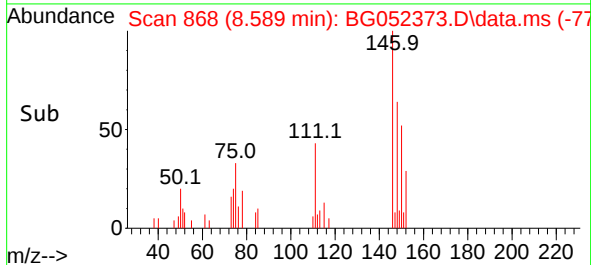
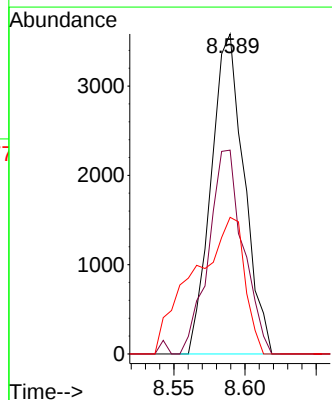
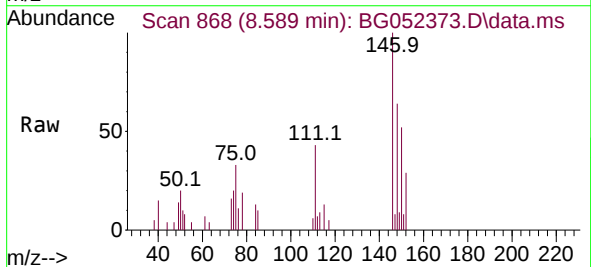
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

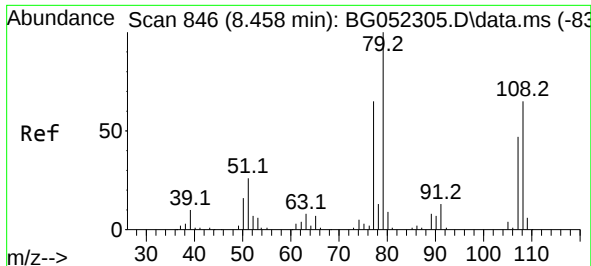
Tgt Ion:146 Resp: 5765
Ion Ratio Lower Upper
146 100
148 65.4 52.6 78.8
111 47.9 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 3.791 ng
RT: 8.589 min Scan# 868
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:146 Resp: 5763
Ion Ratio Lower Upper
146 100
148 63.7 46.5 69.7
111 42.7 37.0 55.4

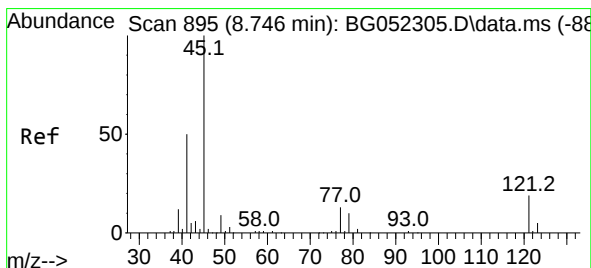
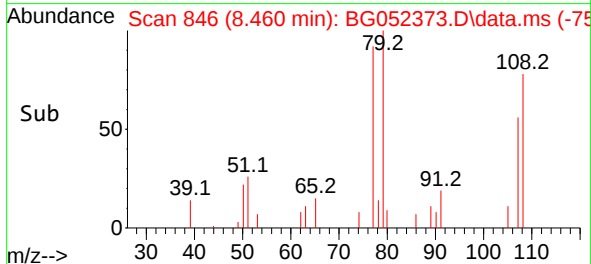
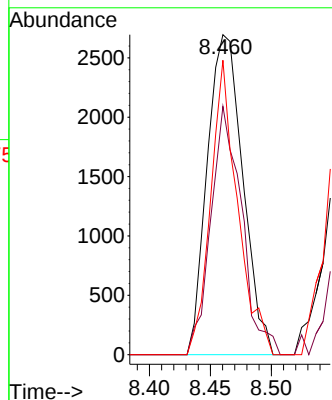
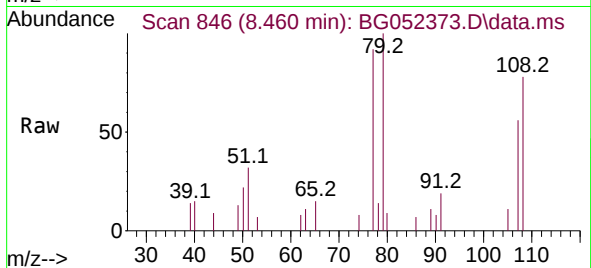




#15
Benzyl Alcohol
Concen: 3.539 ng
RT: 8.460 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

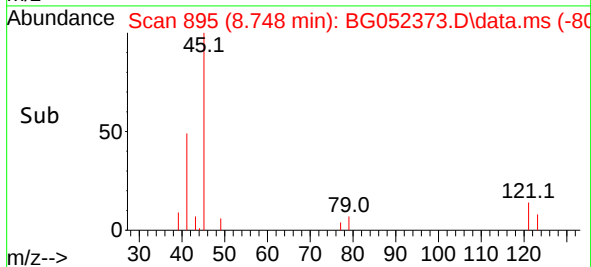
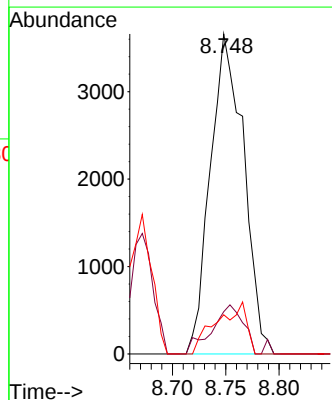
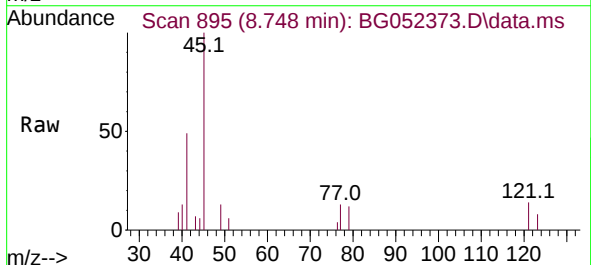
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

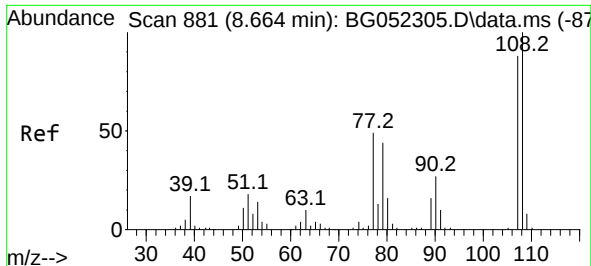
Tgt Ion: 79 Resp: 5467
Ion Ratio Lower Upper
79 100
108 77.6 53.8 80.6
77 92.0 54.4 81.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.900 ng
RT: 8.748 min Scan# 895
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion: 45 Resp: 7961
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.8
79 12.3 0.0 31.1

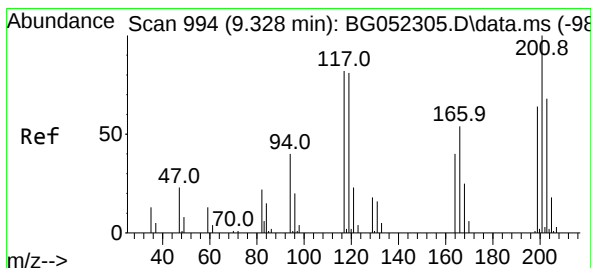
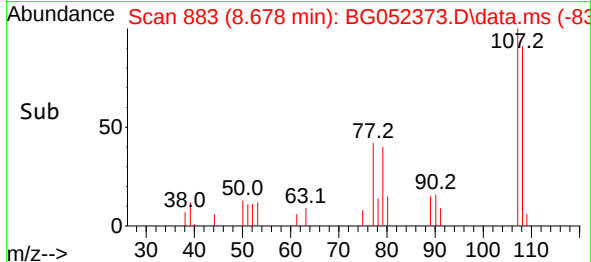
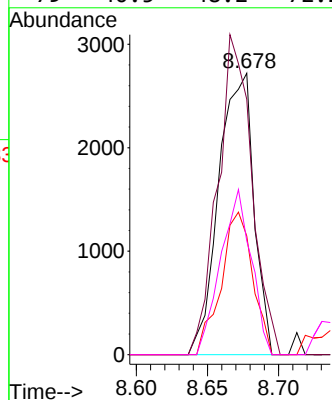
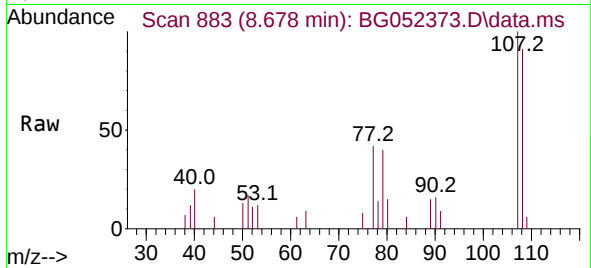




#17
2-Methylphenol
Concen: 3.824 ng
RT: 8.678 min Scan# 881
Delta R.T. 0.014 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

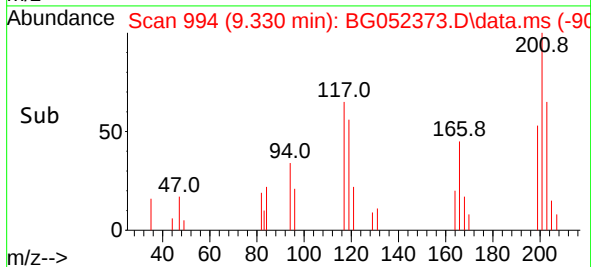
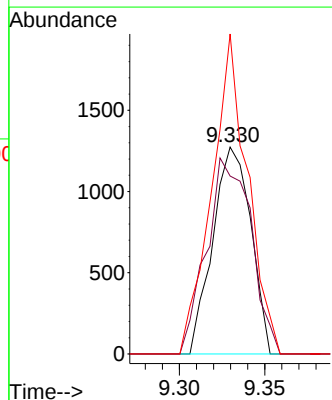
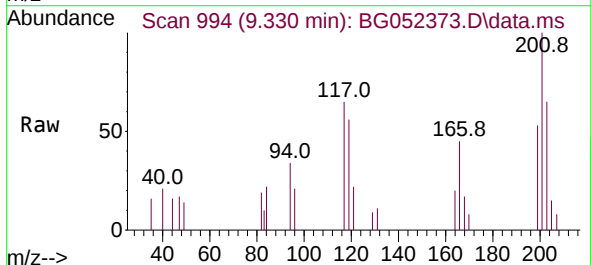
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

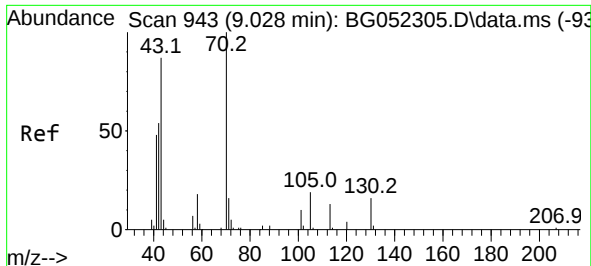
Tgt Ion:	107	Resp:	4666
Ion	Ratio	Lower	Upper
107	100		
108	90.7	90.3	135.5
77	42.2	49.0	73.6#
79	40.5	48.2	72.2#



#18
Hexachloroethane
Concen: 3.683 ng
RT: 9.330 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:	117	Resp:	1974
Ion	Ratio	Lower	Upper
117	100		
119	85.9	73.5	110.3
201	154.6	91.0	136.6#

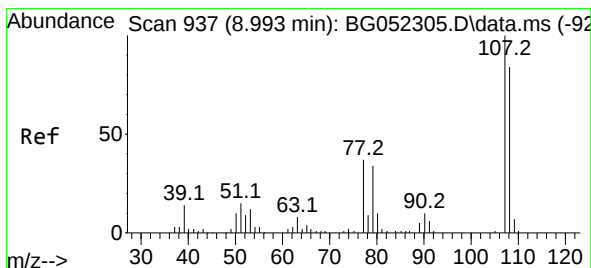
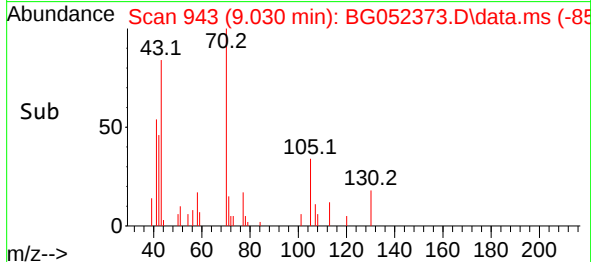
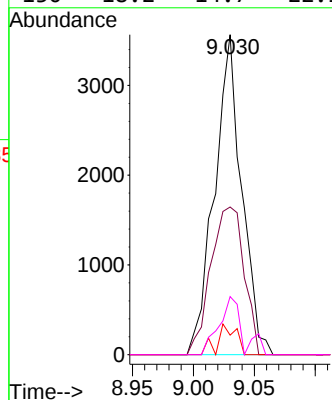
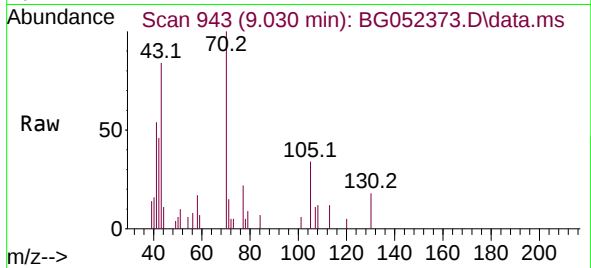




#19
n-Nitroso-di-n-propylamine
Concen: 3.939 ng
RT: 9.030 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

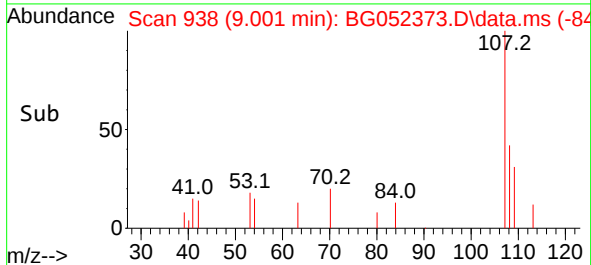
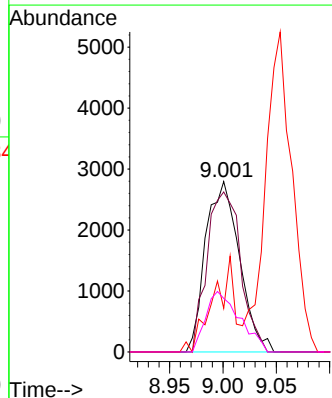
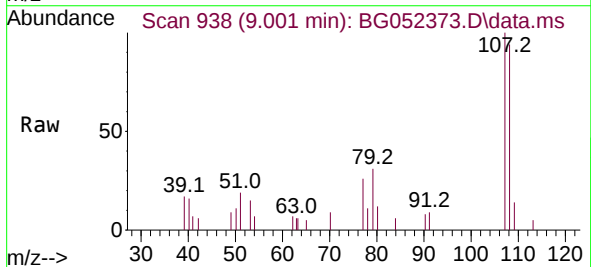
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

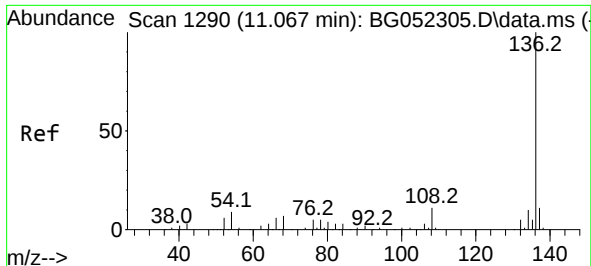
Tgt Ion:	70	Resp:	5527
Ion	Ratio	Lower	Upper
70	100		
42	46.2	51.8	77.6#
101	6.1	6.6	10.0#
130	18.2	14.7	22.1



#20
3+4-Methylphenols
Concen: 3.536 ng
RT: 9.001 min Scan# 938
Delta R.T. 0.008 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:	107	Resp:	6174
Ion	Ratio	Lower	Upper
107	100		
108	93.9	71.9	111.9
77	25.6	24.6	64.6
79	31.4	18.2	58.2

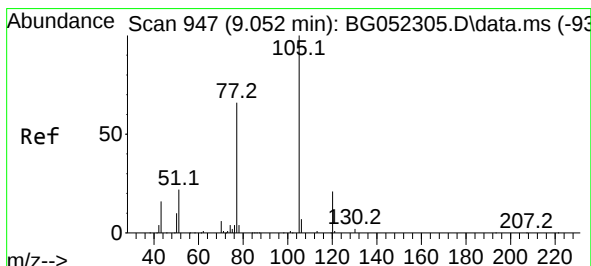
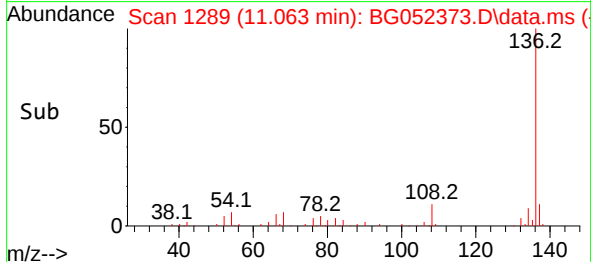
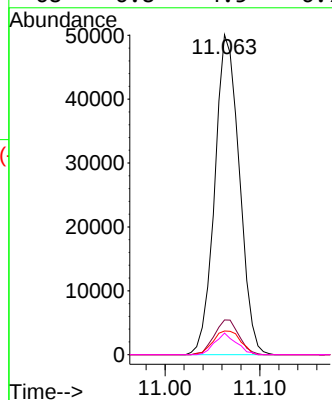
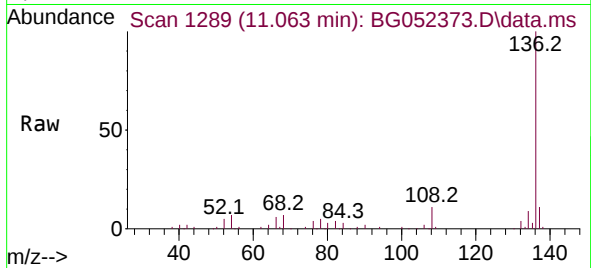




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

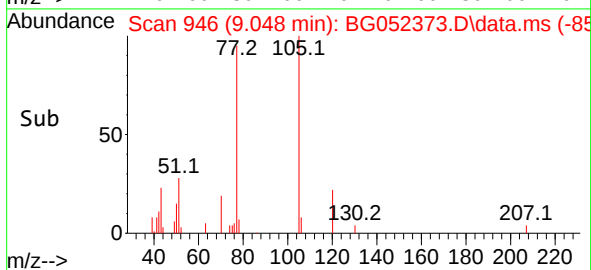
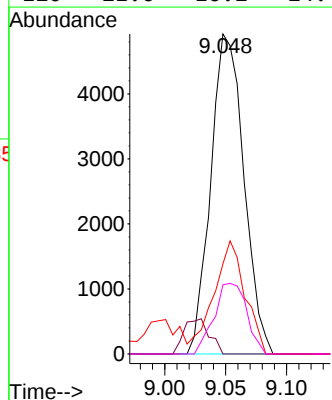
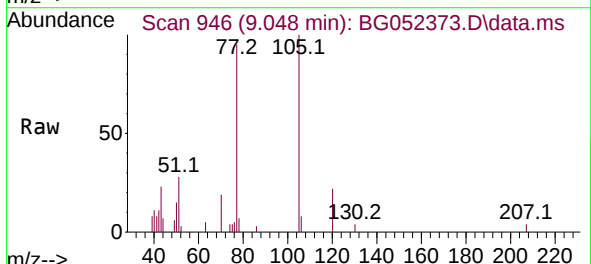
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

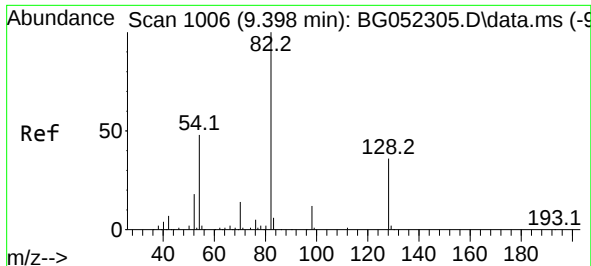
Tgt Ion:136	Resp:	90242
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	7.4	8.3 12.5#
68	6.8	4.5 6.7#



#22
Acetophenone
Concen: 3.888 ng
RT: 9.048 min Scan# 946
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:105	Resp:	9272
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.8 2.6#
51	28.2	27.0 40.4
120	21.6	16.2 24.4

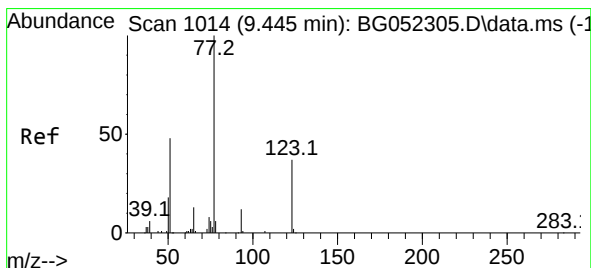
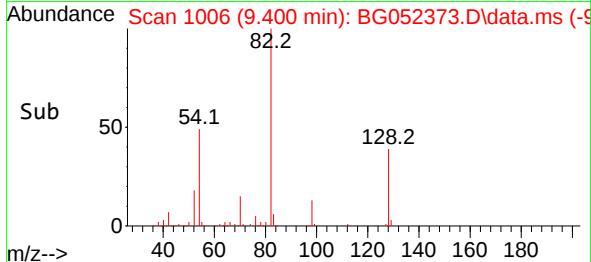
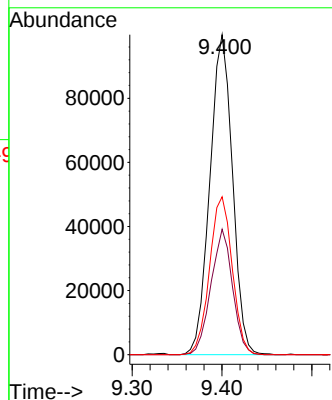
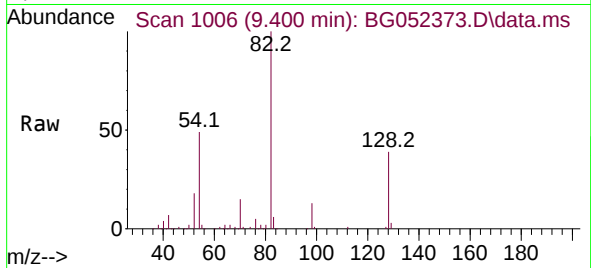




#23
Nitrobenzene-d5
Concen: 84.033 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

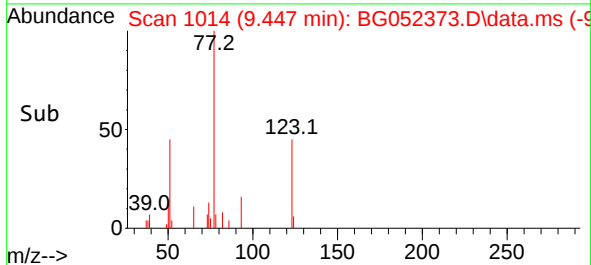
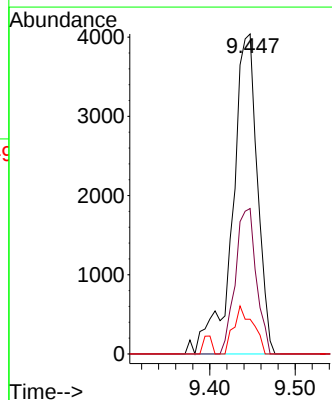
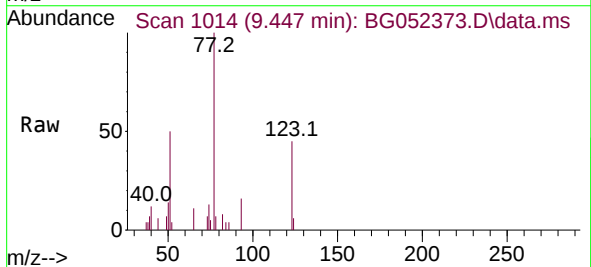
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

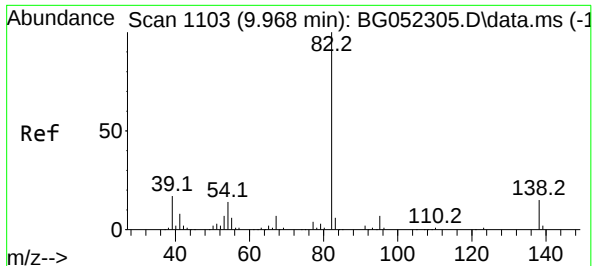
Tgt Ion: 82 Resp: 174484
Ion Ratio Lower Upper
82 100
128 39.2 27.0 40.4
54 49.4 41.0 61.6



#24
Nitrobenzene
Concen: 4.145 ng
RT: 9.447 min Scan# 1014
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion: 77 Resp: 8164
Ion Ratio Lower Upper
77 100
123 45.5 27.1 40.7#
65 10.9 11.2 16.8#

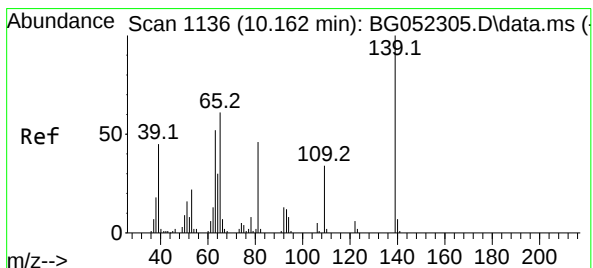
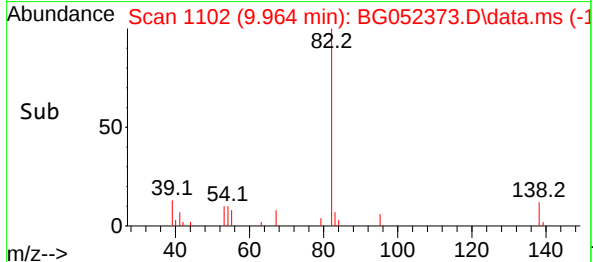
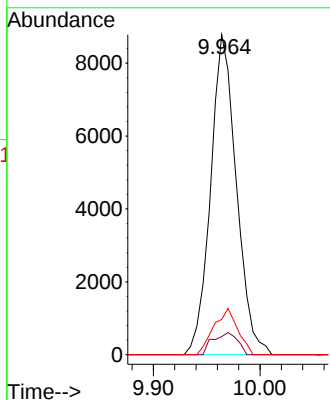
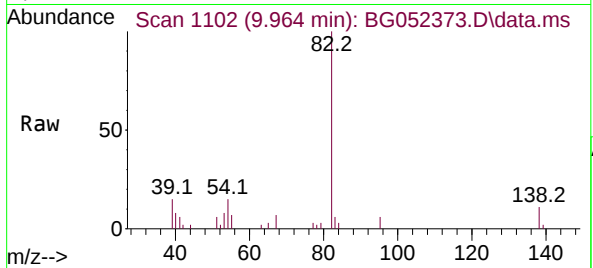




#25
Isophorone
Concen: 4.184 ng
RT: 9.964 min Scan# 1103
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

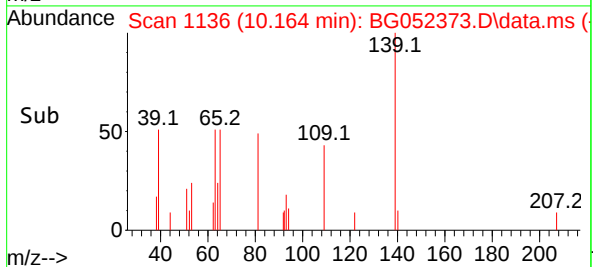
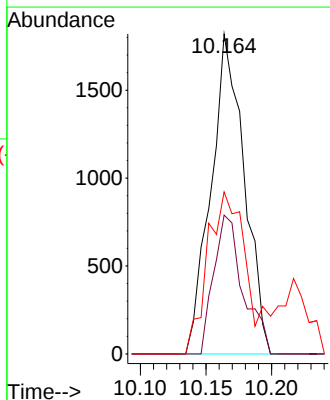
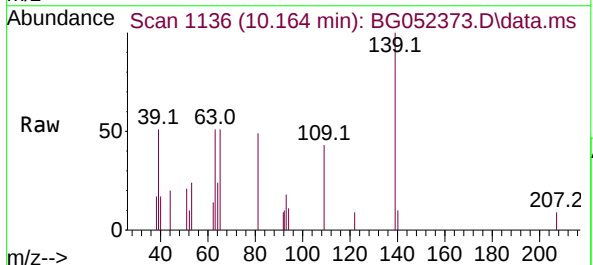
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

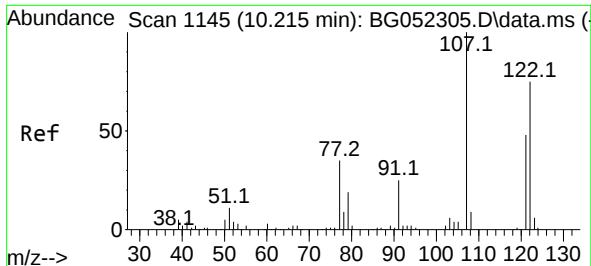
Tgt Ion: 82 Resp: 14782
Ion Ratio Lower Upper
82 100
95 5.7 6.6 9.8#
138 11.0 12.5 18.7#



#26
2-Nitrophenol
Concen: 3.842 ng
RT: 10.164 min Scan# 1136
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion: 139 Resp: 3207
Ion Ratio Lower Upper
139 100
109 43.4 30.4 45.6
65 50.7 55.7 83.5#

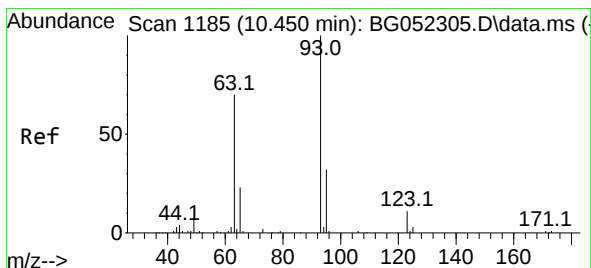
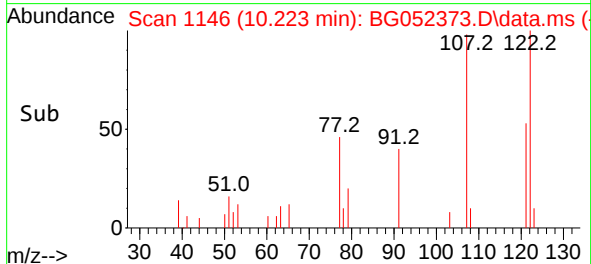
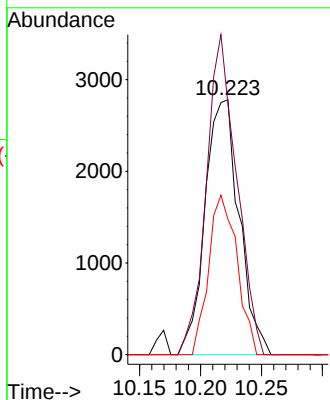
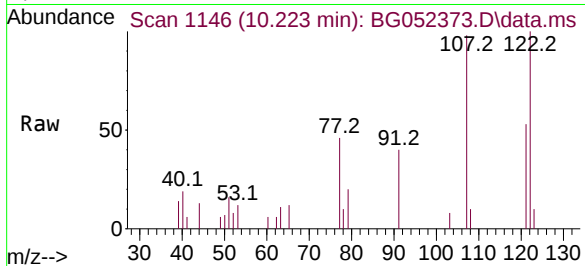




#27
2,4-Dimethylphenol
Concen: 4.374 ng
RT: 10.223 min Scan# 1146
Delta R.T. 0.008 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

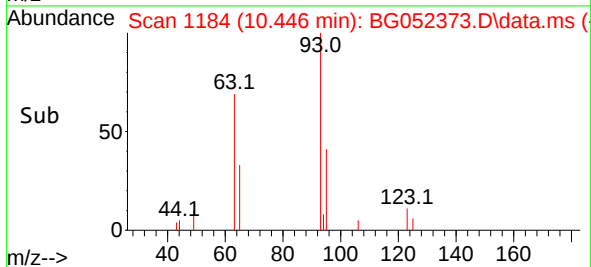
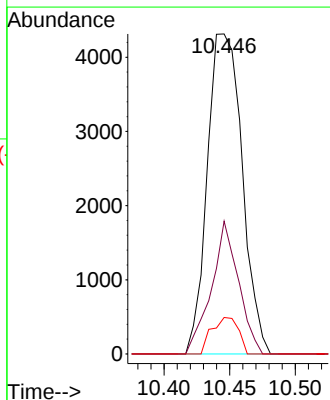
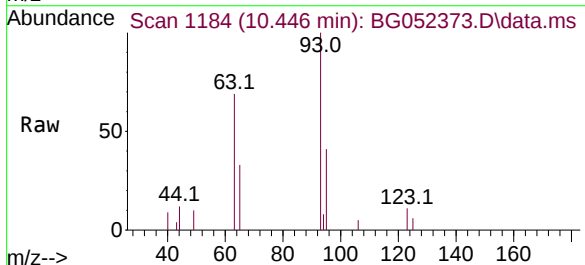
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

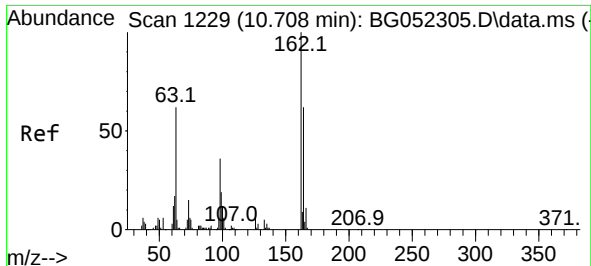
Tgt Ion:122 Resp: 5407
Ion Ratio Lower Upper
122 100
107 98.2 105.8 158.8#
121 53.1 48.6 72.8



#28
bis(2-Chloroethoxy)methane
Concen: 3.974 ng
RT: 10.446 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion: 93 Resp: 7967
Ion Ratio Lower Upper
93 100
95 41.5 26.1 39.1#
123 11.4 7.6 11.4#

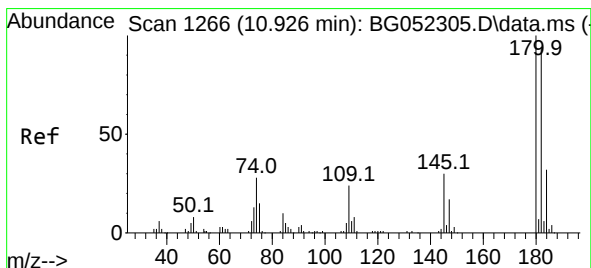
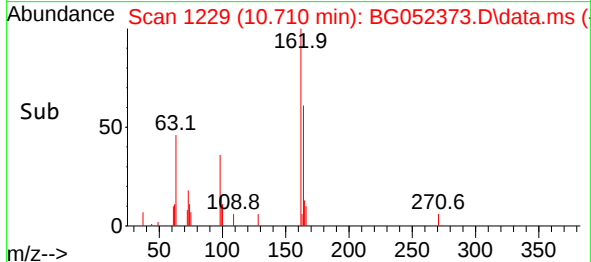
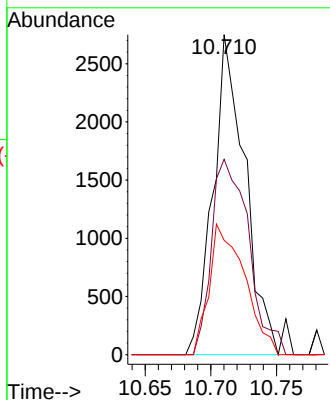
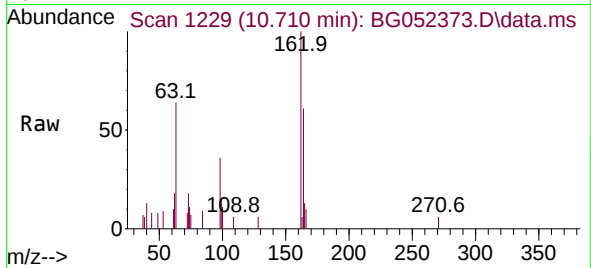




#29
2,4-Dichlorophenol
Concen: 3.128 ng
RT: 10.710 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

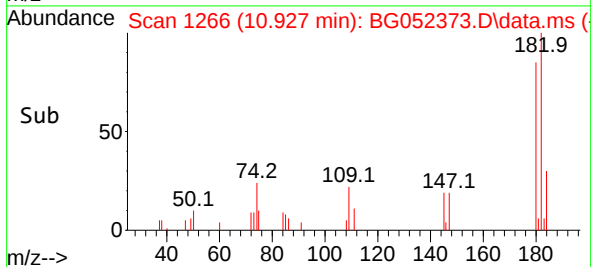
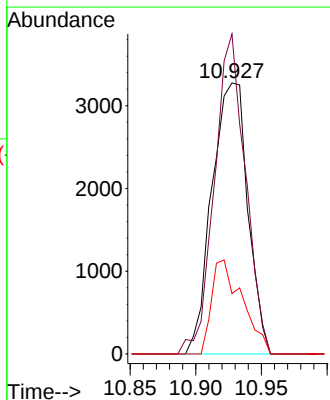
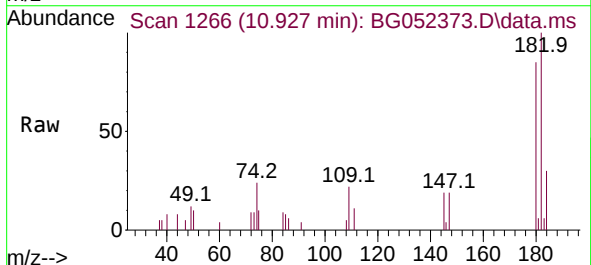
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

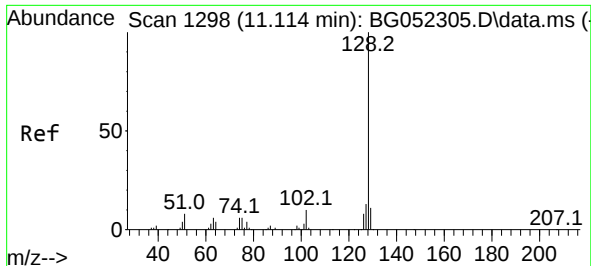
Tgt Ion:	162	Resp:	4634
Ion	Ratio	Lower	Upper
162	100		
164	61.1	44.3	84.3
98	35.7	17.2	57.2



#30
1,2,4-Trichlorobenzene
Concen: 3.601 ng
RT: 10.927 min Scan# 1266
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:	180	Resp:	6229
Ion	Ratio	Lower	Upper
180	100		
182	118.0	76.1	114.1#
145	22.3	24.0	36.0#

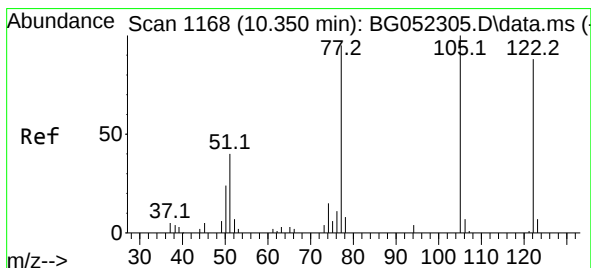
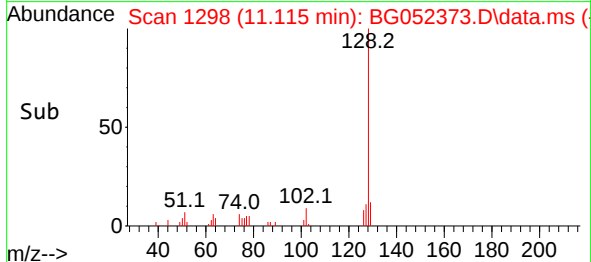
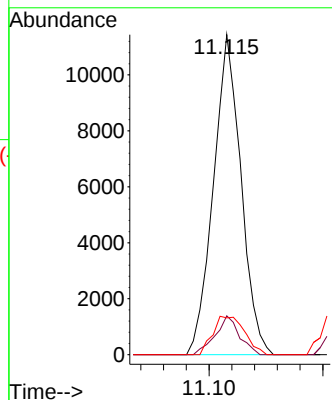
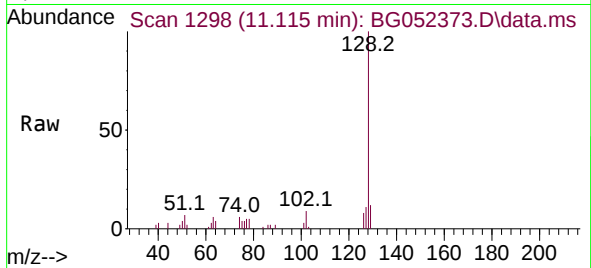




#31
Naphthalene
Concen: 4.069 ng
RT: 11.115 min Scan# 1115
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

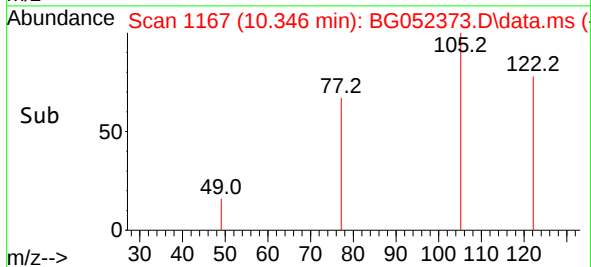
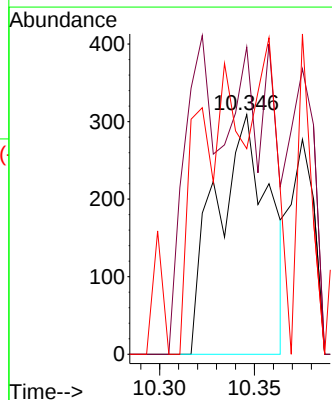
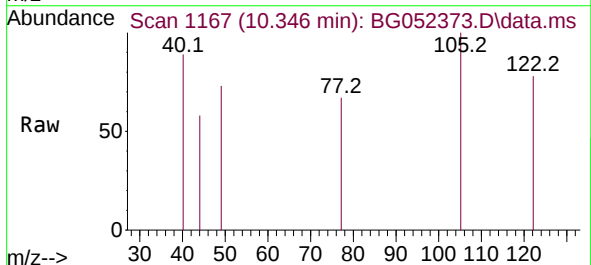
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

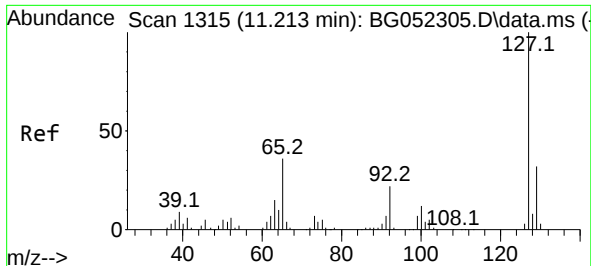
Tgt Ion:128 Resp: 19252
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 11.5 12.0 18.0#



#32
Benzoic acid
Concen: 0.831 ng
RT: 10.346 min Scan# 1167
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:122 Resp: 603
Ion Ratio Lower Upper
122 100
105 128.2 109.2 149.2
77 85.8 92.8 132.8#

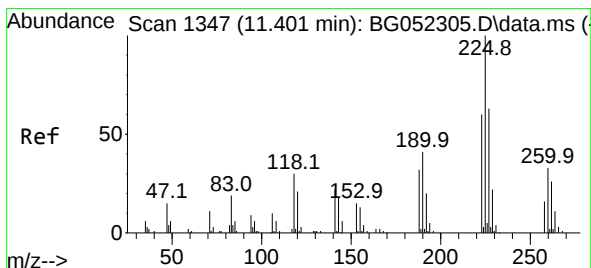
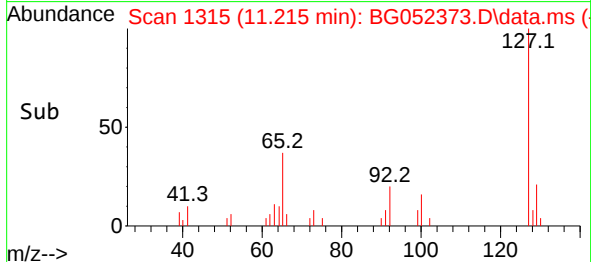
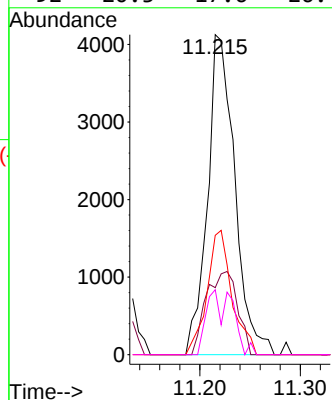
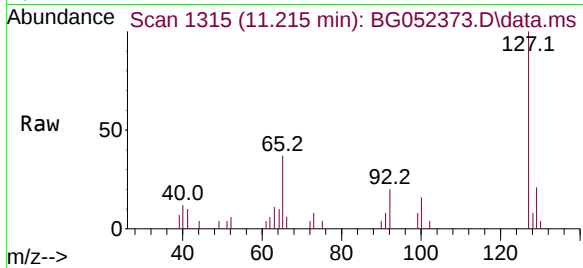




#33
4-Chloroaniline
Concen: 3.947 ng
RT: 11.215 min Scan# 1315
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

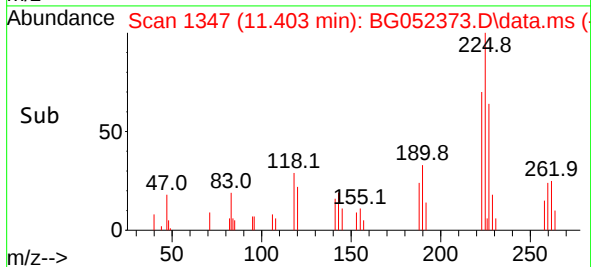
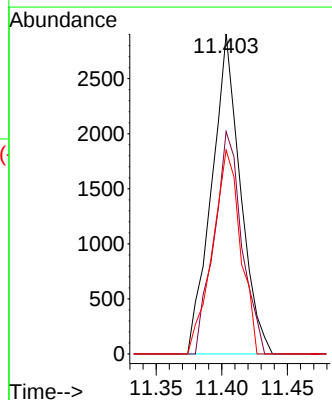
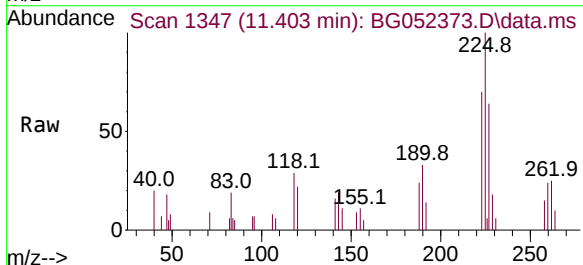
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

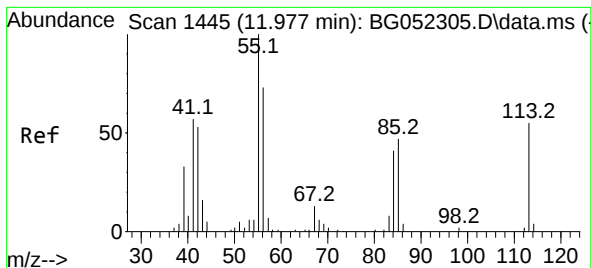
Tgt Ion:	127	Resp:	7795
Ion	Ratio	Lower	Upper
127	100		
129	20.9	27.0	40.6#
65	37.3	28.7	43.1
92	20.3	17.6	26.4



#34
Hexachlorobutadiene
Concen: 3.787 ng
RT: 11.403 min Scan# 1347
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:	225	Resp:	4425
Ion	Ratio	Lower	Upper
225	100		
223	69.5	51.6	77.4
227	63.7	53.9	80.9





#35

Caprolactam

Concen: 3.391 ng

RT: 11.950 min Scan# 1445

Delta R.T. -0.027 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

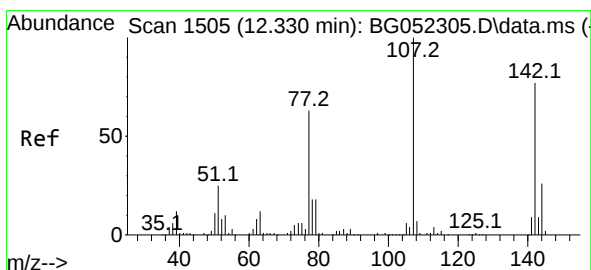
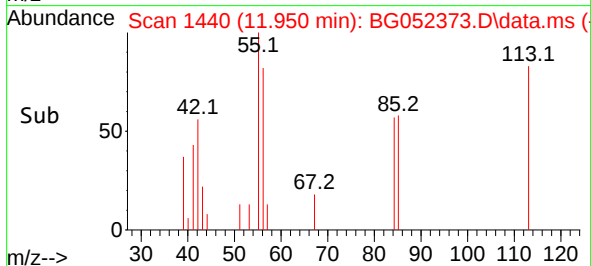
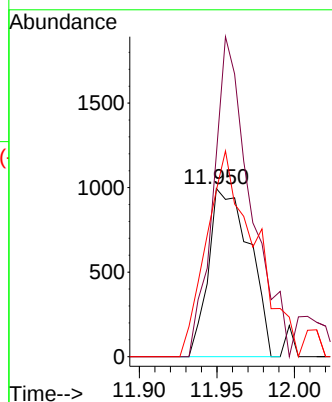
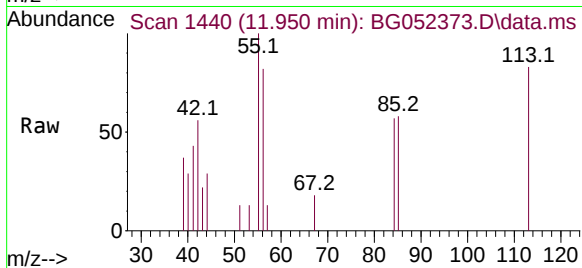
Tgt Ion:113 Resp: 1831

Ion Ratio Lower Upper

113 100

55 120.2 161.4 201.4#

56 98.9 132.6 172.6#



#36

4-Chloro-3-methylphenol

Concen: 3.683 ng

RT: 12.331 min Scan# 1505

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

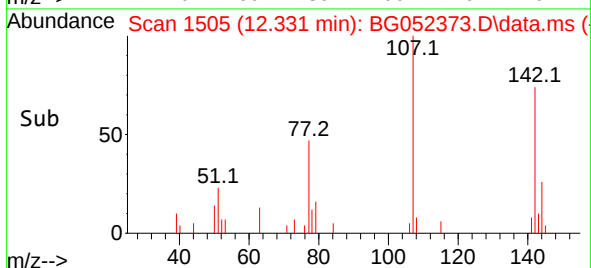
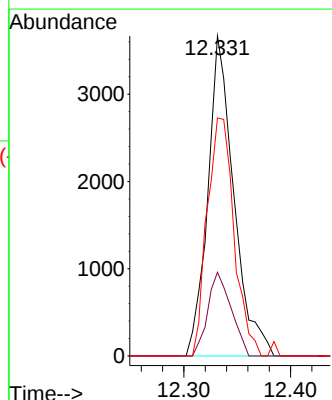
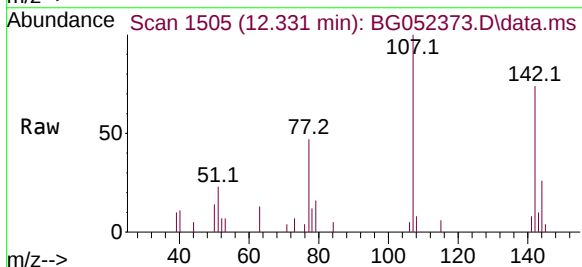
Tgt Ion:107 Resp: 6208

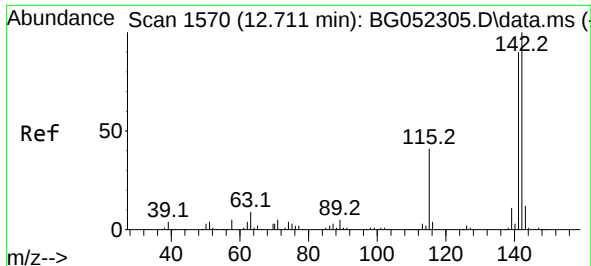
Ion Ratio Lower Upper

107 100

144 26.2 19.3 28.9

142 74.4 63.9 95.9

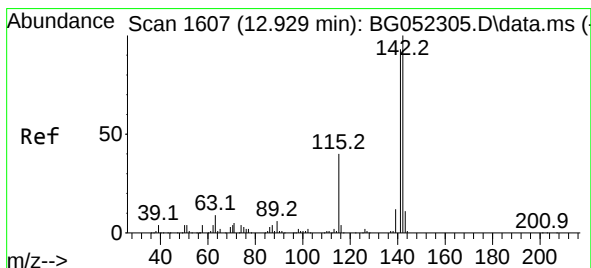
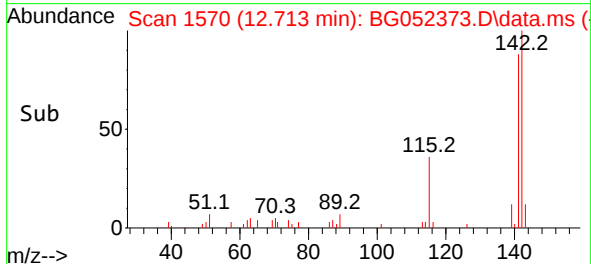
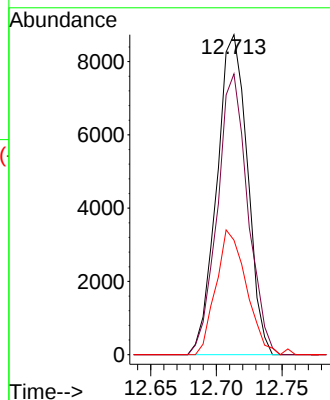
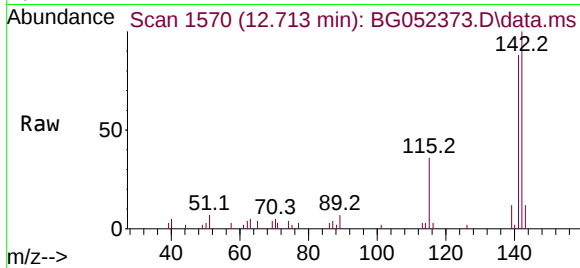




#37
2-Methylnaphthalene
Concen: 4.027 ng
RT: 12.713 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

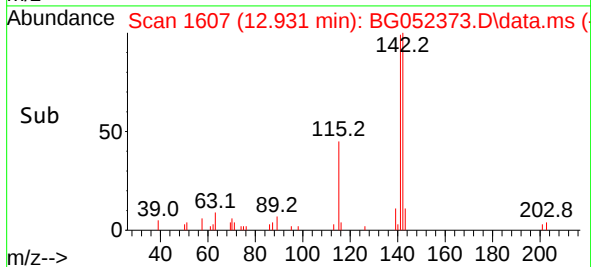
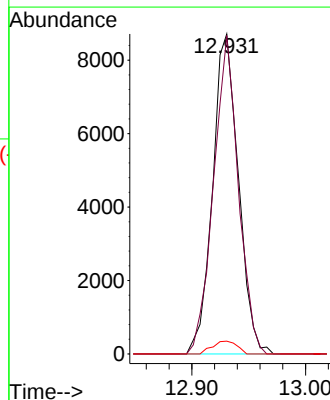
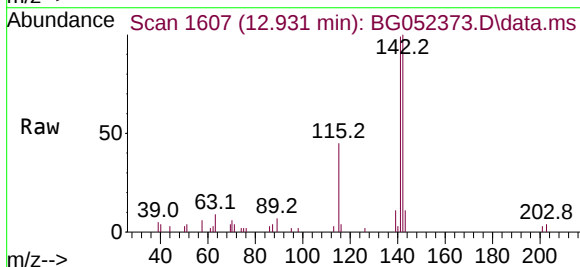
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

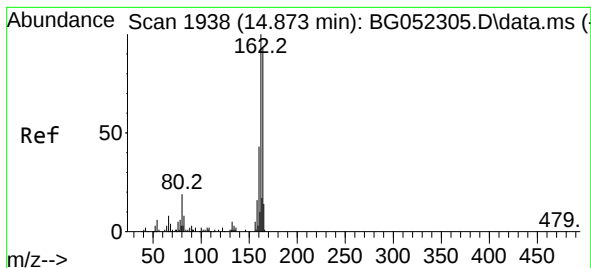
Tgt Ion:142 Resp: 14150
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5
115 35.8 32.2 48.4



#38
1-Methylnaphthalene
Concen: 4.037 ng
RT: 12.931 min Scan# 1607
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:142 Resp: 13744
Ion Ratio Lower Upper
142 100
141 99.5 75.0 112.4
116 4.0 4.2 6.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1938

Delta R.T. 0.002 min

Lab File: BG052373.D

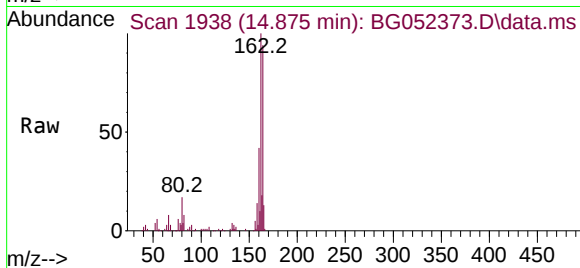
Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



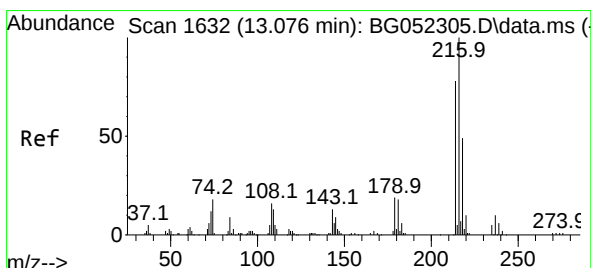
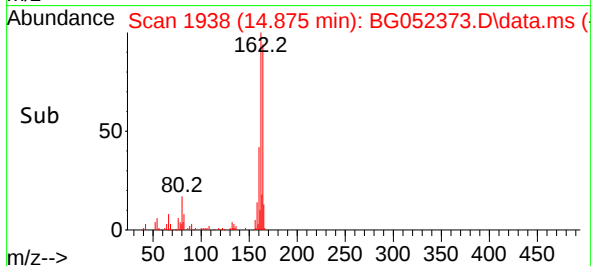
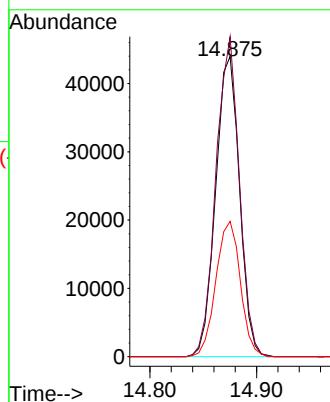
Tgt Ion:164 Resp: 68192

Ion Ratio Lower Upper

164 100

162 106.5 82.2 123.2

160 45.1 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.015 ng

RT: 13.078 min Scan# 1632

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Tgt Ion:216 Resp: 9006

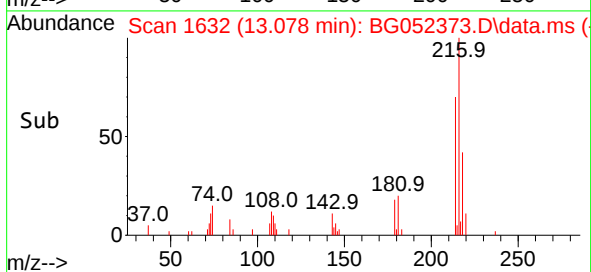
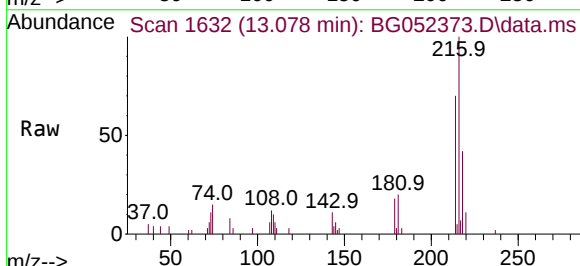
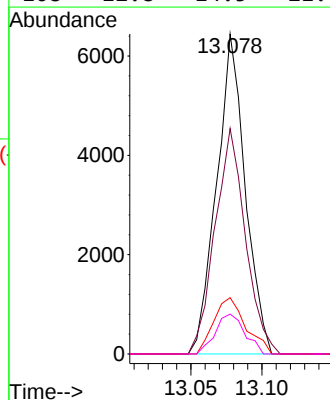
Ion Ratio Lower Upper

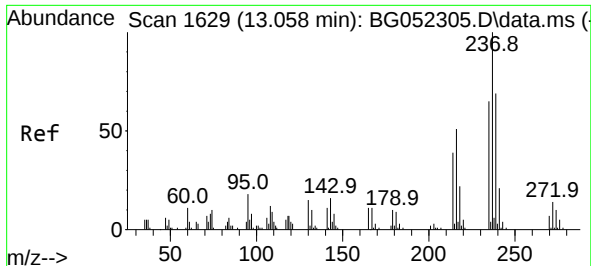
216 100

214 74.9 63.2 94.8

179 19.7 16.3 24.5

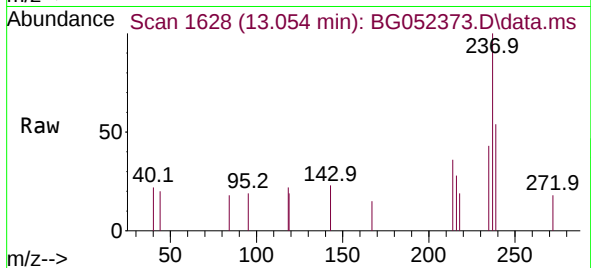
108 12.8 14.5 21.7#



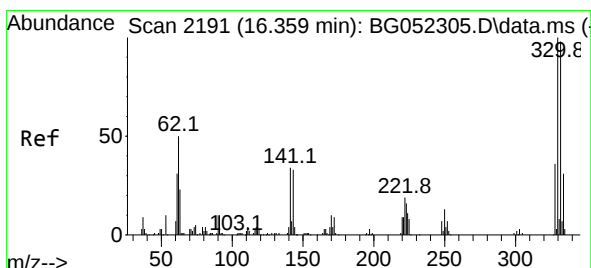
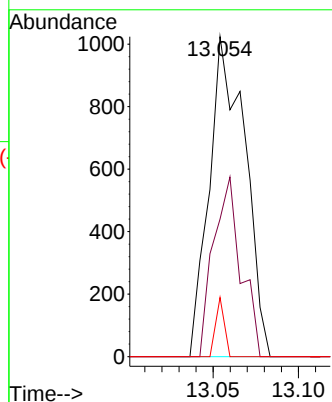
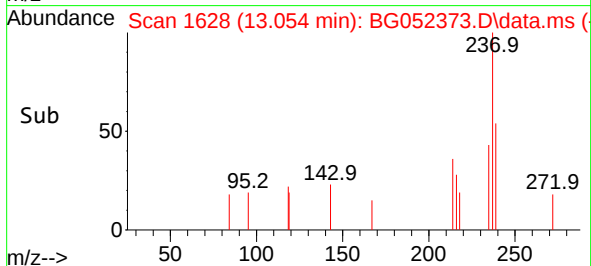


#41
Hexachlorocyclopentadiene
Concen: 1.573 ng
RT: 13.054 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

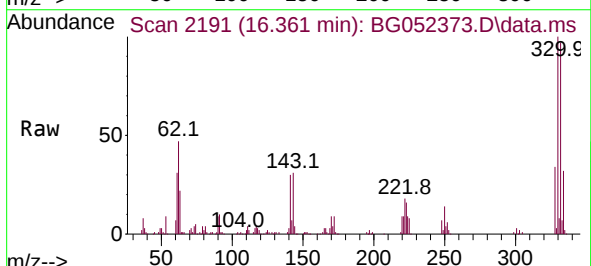
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



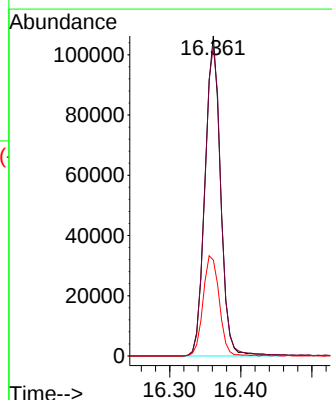
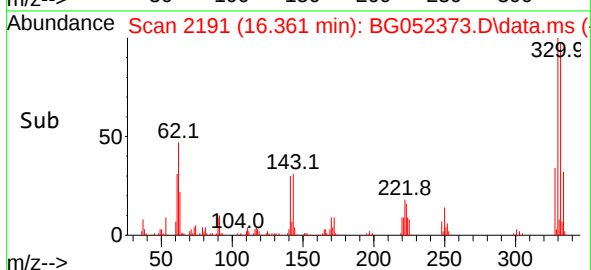
Tgt Ion:237 Resp: 1490
Ion Ratio Lower Upper
237 100
235 43.0 45.9 85.9#
272 18.5 0.0 33.0

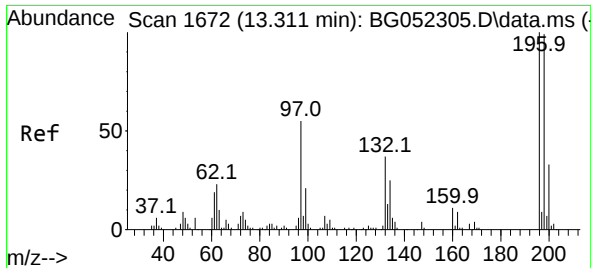


#42
2,4,6-Tribromophenol
Concen: 164.892 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05



Tgt Ion:330 Resp: 161543
Ion Ratio Lower Upper
330 100
332 100.0 78.6 117.8
141 32.7 28.8 43.2

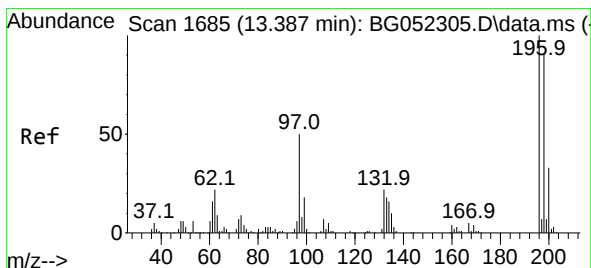
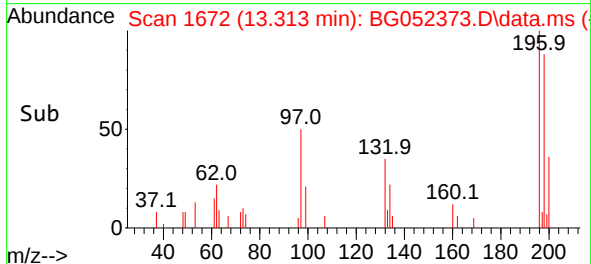
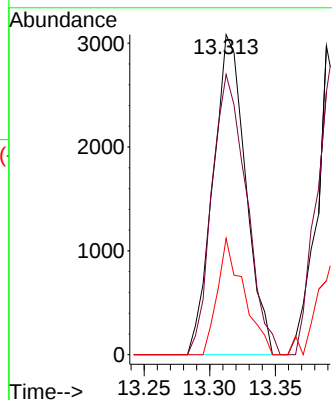
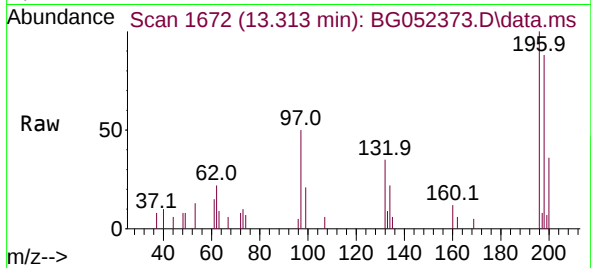




#43
2,4,6-Trichlorophenol
Concen: 3.629 ng
RT: 13.313 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

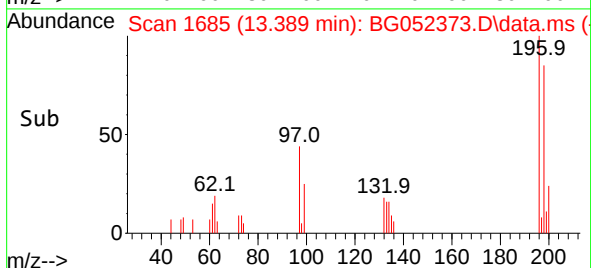
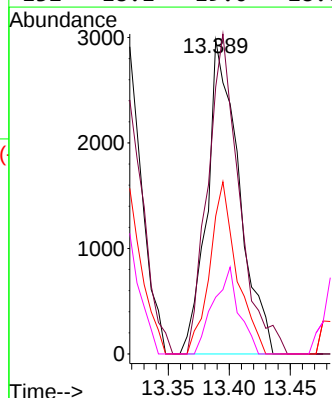
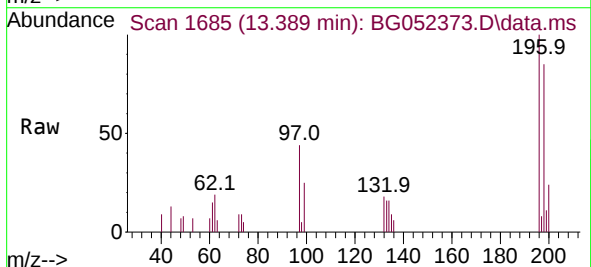
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

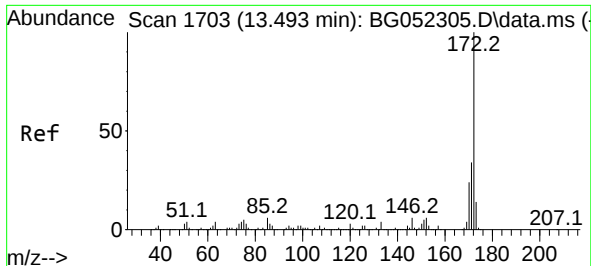
Tgt Ion:196 Resp: 5324
Ion Ratio Lower Upper
196 100
198 87.5 78.4 117.6
200 36.4 28.5 42.7



#44
2,4,5-Trichlorophenol
Concen: 3.418 ng
RT: 13.389 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:196 Resp: 5433
Ion Ratio Lower Upper
196 100
198 85.0 78.6 118.0
97 43.9 43.8 65.8
132 18.1 19.0 28.6#





#45

2-Fluorobiphenyl

Concen: 87.695 ng

RT: 13.495 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG052373.D

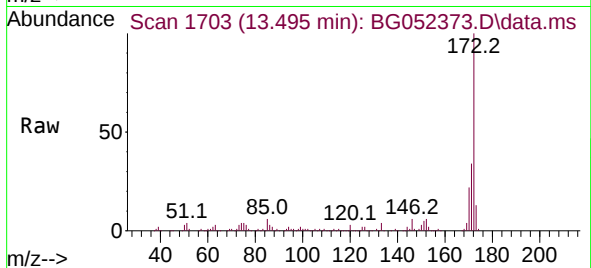
Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



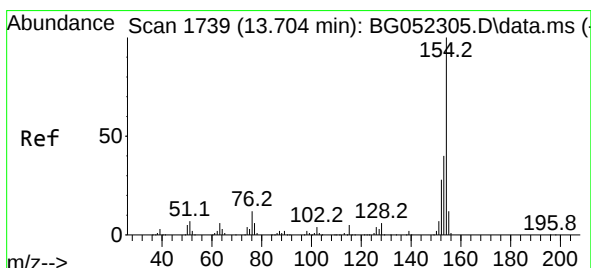
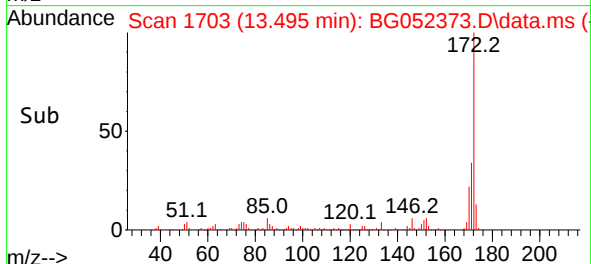
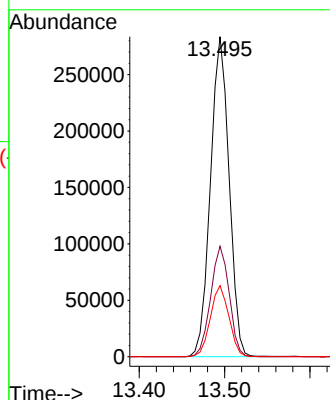
Tgt Ion:172 Resp: 430367

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.2 18.3 27.5



#46

1,1'-Biphenyl

Concen: 4.179 ng

RT: 13.706 min Scan# 1739

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

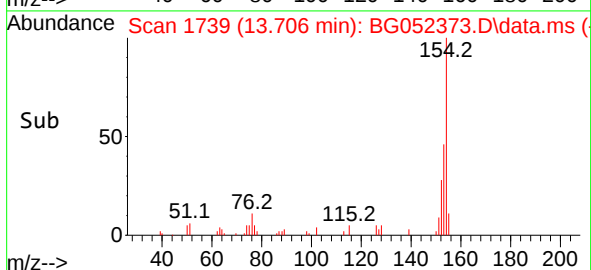
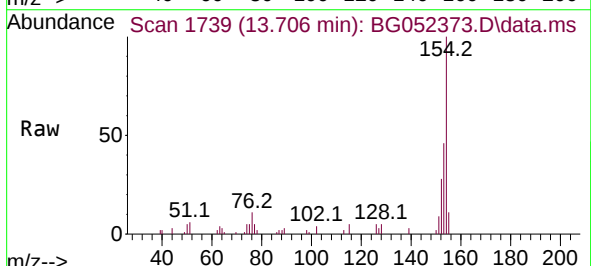
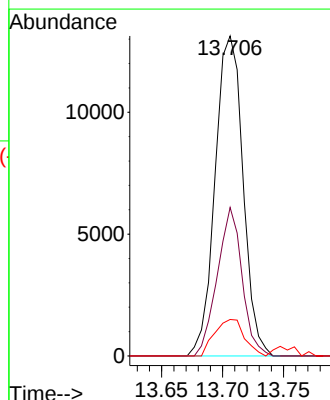
Tgt Ion:154 Resp: 20897

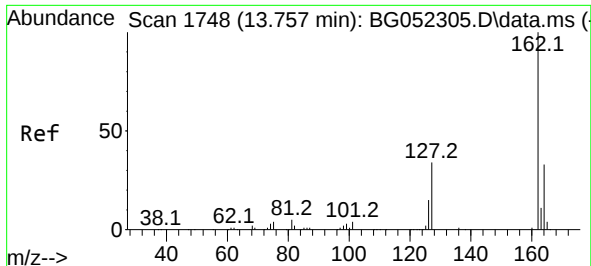
Ion Ratio Lower Upper

154 100

153 46.4 21.1 61.1

76 11.4 0.0 32.6





#47

2-Chloronaphthalene

Concen: 3.983 ng

RT: 13.759 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

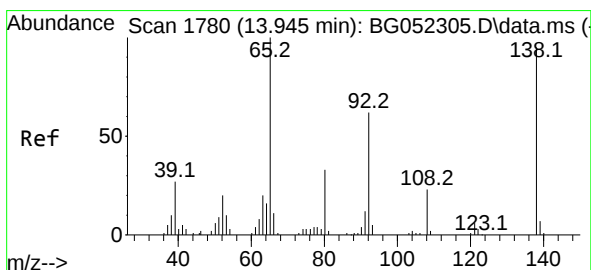
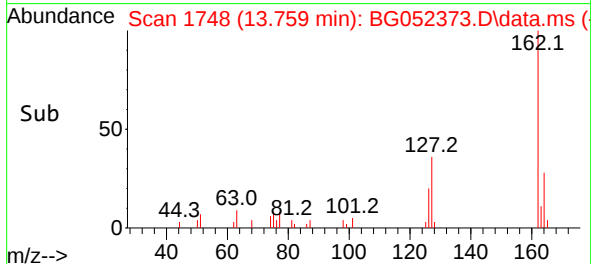
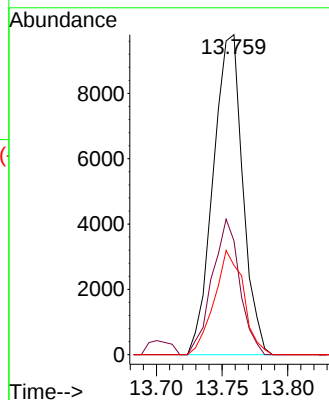
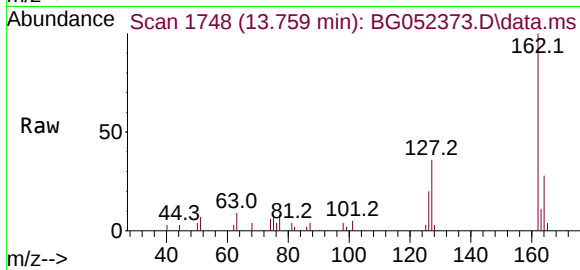
Tgt Ion:162 Resp: 15343

Ion Ratio Lower Upper

162 100

127 35.6 30.4 45.6

164 28.0 25.0 37.4



#48

2-Nitroaniline

Concen: 3.581 ng

RT: 13.947 min Scan# 1780

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

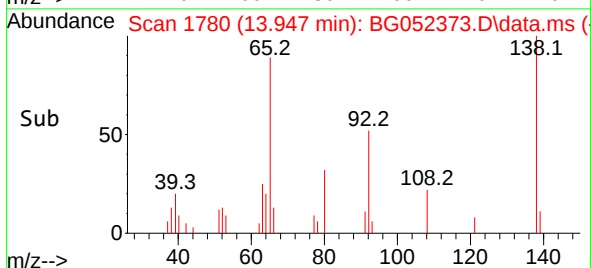
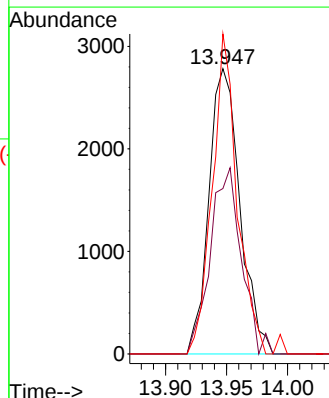
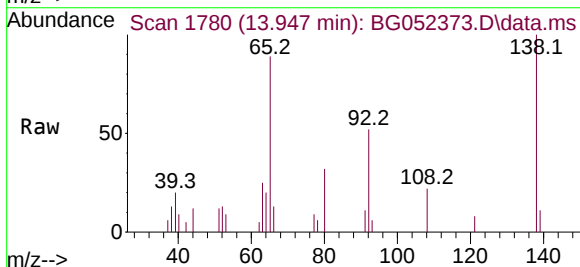
Tgt Ion: 65 Resp: 4912

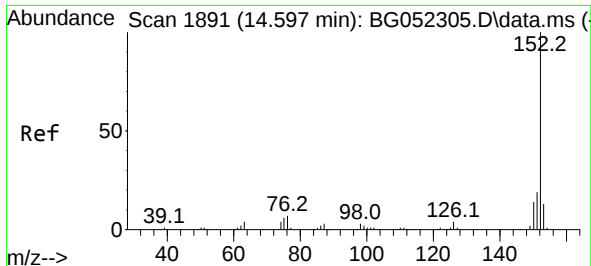
Ion Ratio Lower Upper

65 100

92 58.0 51.0 76.6

138 112.2 72.4 108.6#

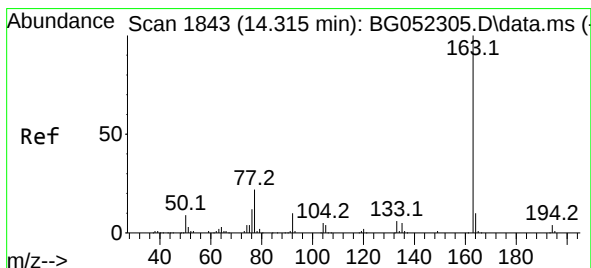
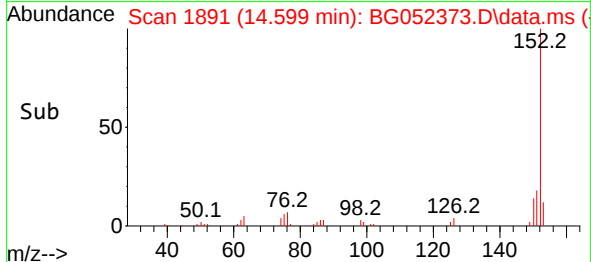
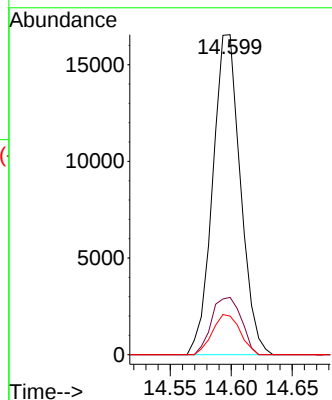
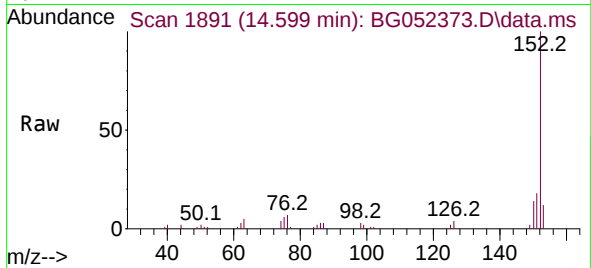




#49
Acenaphthylene
Concen: 4.167 ng
RT: 14.599 min Scan# 1891
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

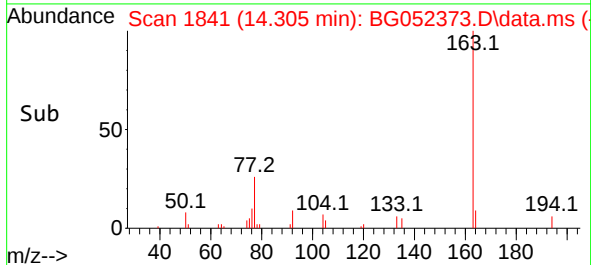
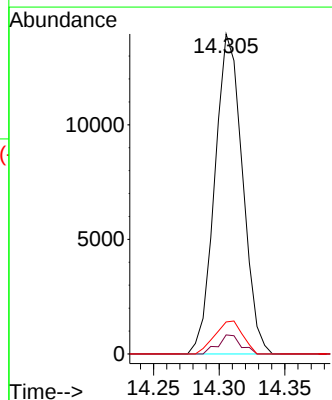
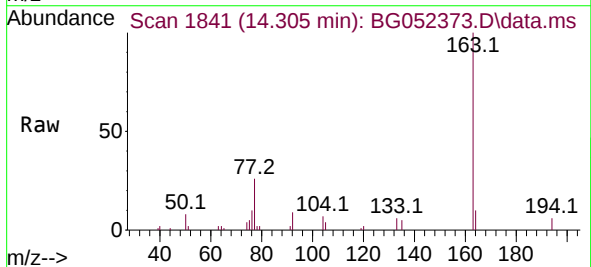
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

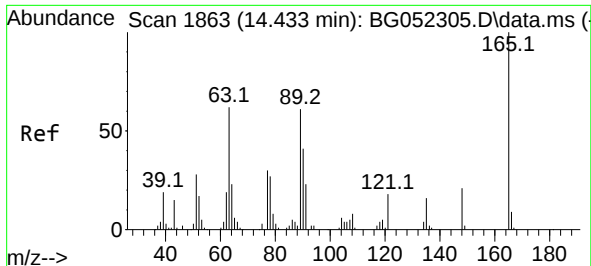
Tgt Ion:152 Resp: 26132
Ion Ratio Lower Upper
152 100
151 17.9 16.1 24.1
153 12.0 10.8 16.2



#50
Dimethylphthalate
Concen: 3.916 ng
RT: 14.305 min Scan# 1841
Delta R.T. -0.010 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:163 Resp: 20455
Ion Ratio Lower Upper
163 100
194 6.0 3.4 5.2#
164 10.0 8.4 12.6

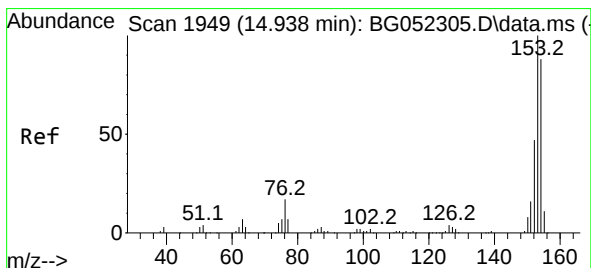
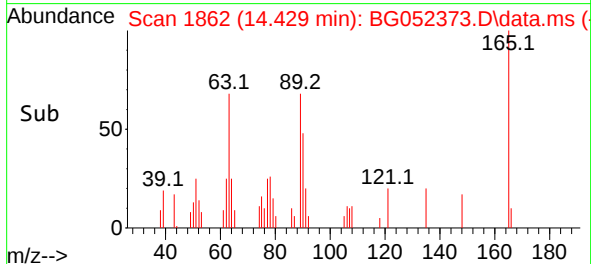
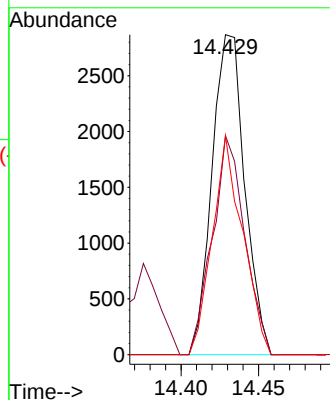
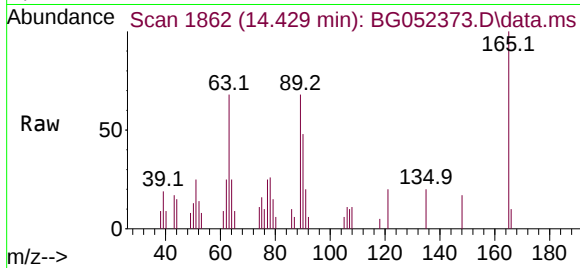




#51
2,6-Dinitrotoluene
Concen: 3.739 ng
RT: 14.429 min Scan# 1862
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

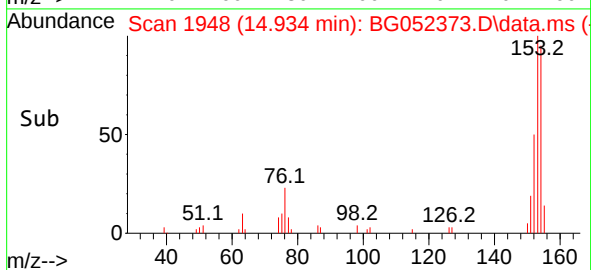
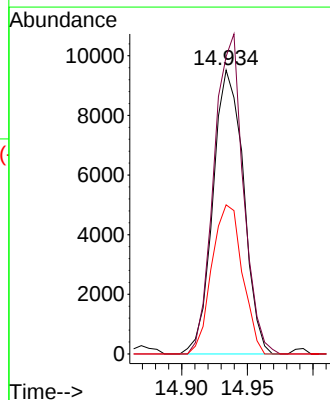
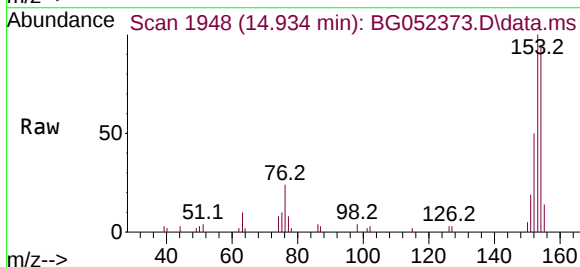
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

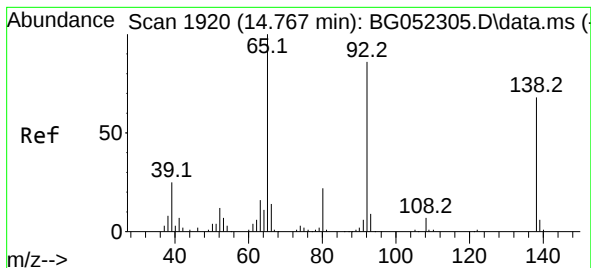
Tgt Ion:165 Resp: 4215
Ion Ratio Lower Upper
165 100
63 68.4 59.0 88.4
89 68.4 49.4 74.0



#52
Acenaphthene
Concen: 3.753 ng
RT: 14.934 min Scan# 1948
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:154 Resp: 15414
Ion Ratio Lower Upper
154 100
153 104.8 91.9 137.9
152 52.5 43.4 65.2

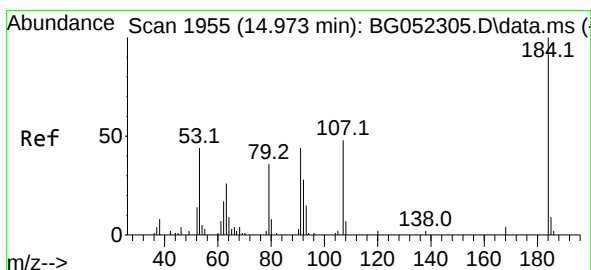
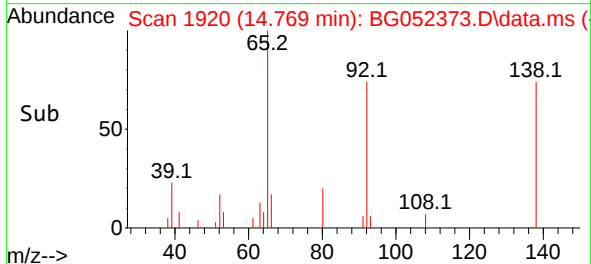
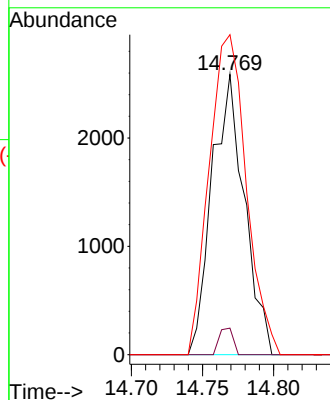
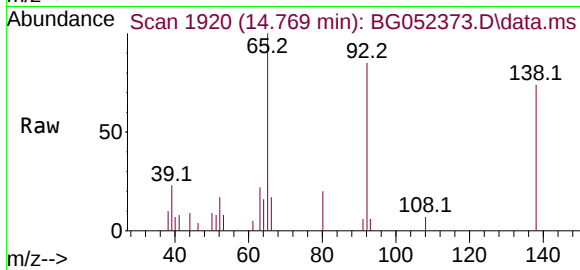




#53
3-Nitroaniline
Concen: 3.497 ng
RT: 14.769 min Scan# 1920
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

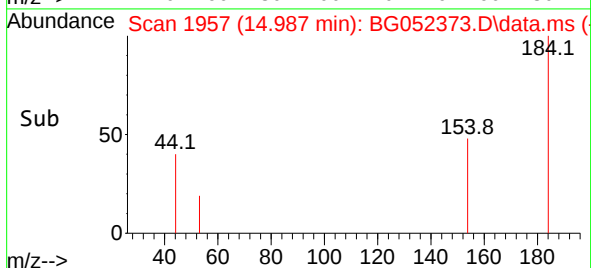
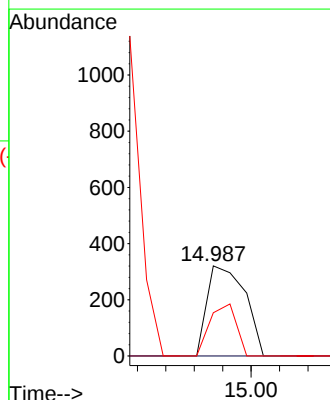
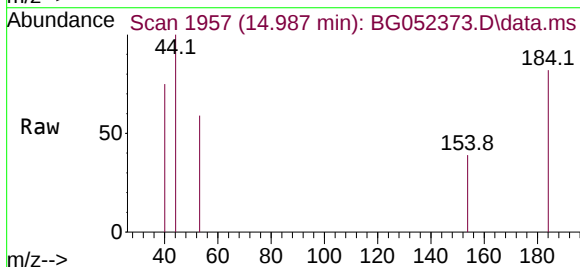
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

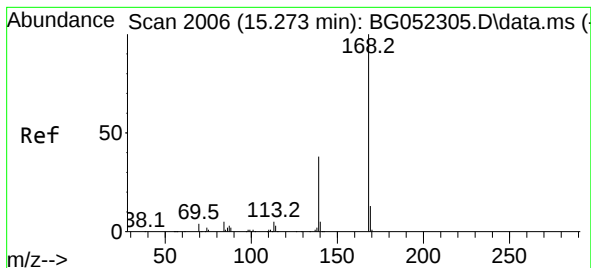
Tgt Ion:138 Resp: 4097
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 114.2 100.4 150.6



#54
2,4-Dinitrophenol
Concen: 0.484 ng
RT: 14.987 min Scan# 1957
Delta R.T. 0.014 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:184 Resp: 296
Ion Ratio Lower Upper
184 100
63 0.0 56.0 84.0#
154 48.0 50.2 75.2#





#55

Dibenzenofuran

Concen: 4.013 ng

RT: 15.269 min Scan# 20

Delta R.T. -0.004 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

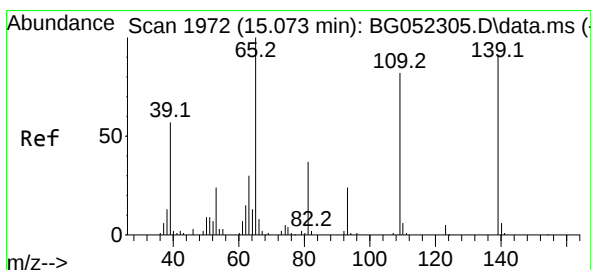
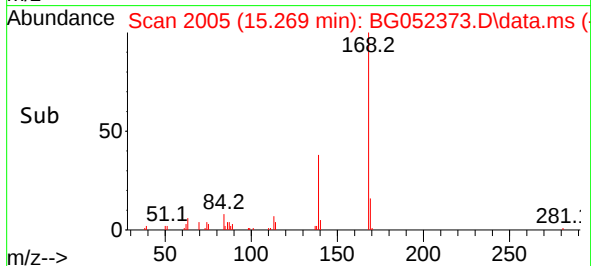
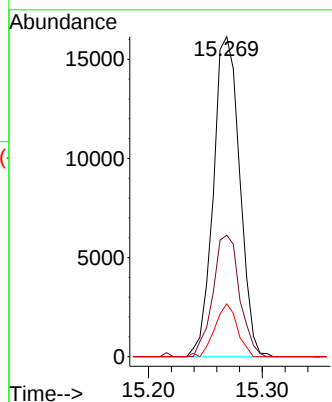
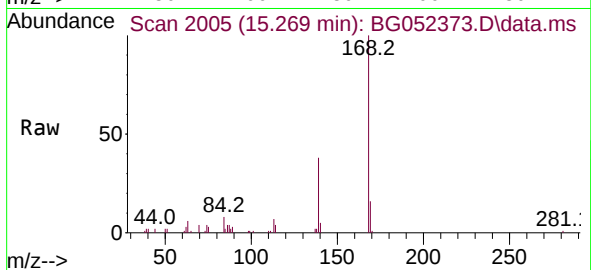
Tgt Ion:168 Resp: 25921

Ion Ratio Lower Upper

168 100

139 37.9 30.7 46.1

169 16.5 10.9 16.3#



#56

4-Nitrophenol

Concen: 2.796 ng

RT: 15.092 min Scan# 1975

Delta R.T. 0.019 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

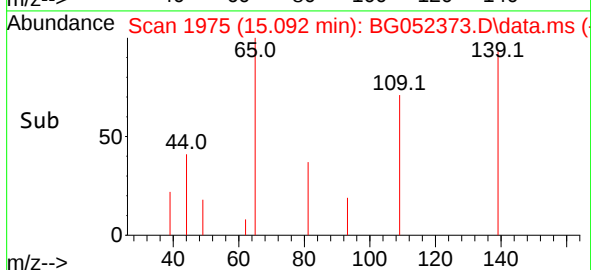
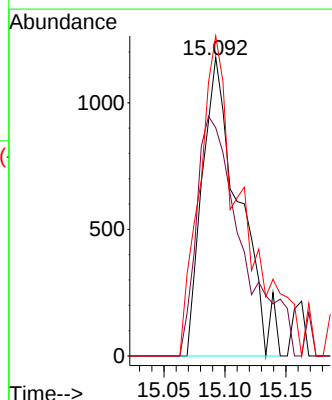
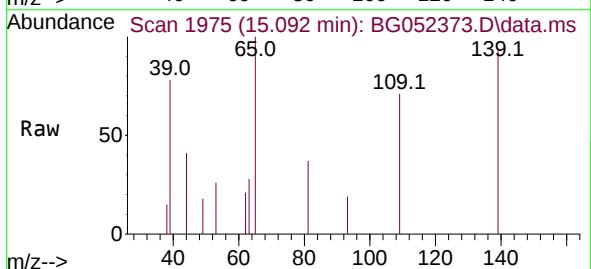
Tgt Ion:139 Resp: 2460

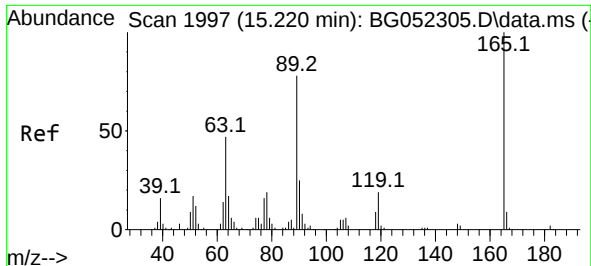
Ion Ratio Lower Upper

139 100

109 76.4 84.9 124.9#

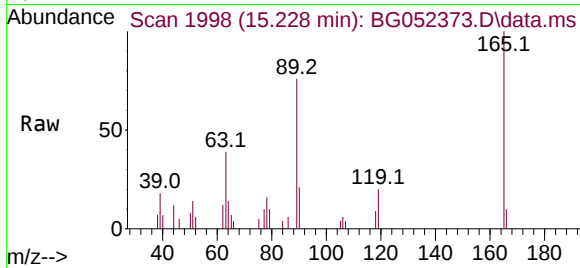
65 107.1 109.9 149.9#



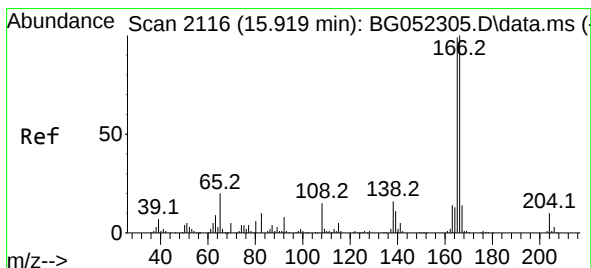
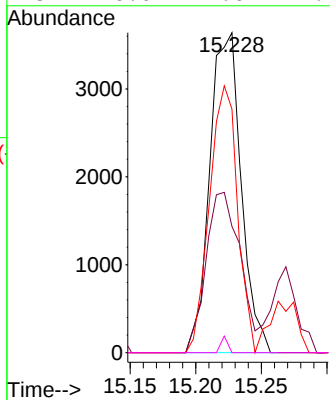
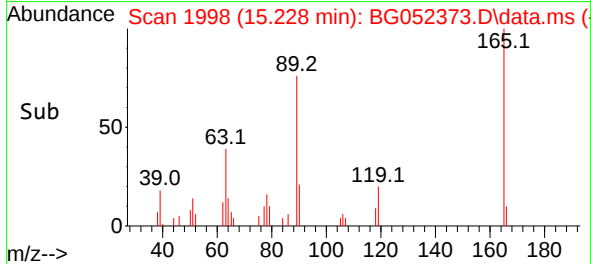


#57
2,4-Dinitrotoluene
Concen: 3.765 ng
RT: 15.228 min Scan# 1998
Delta R.T. 0.008 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

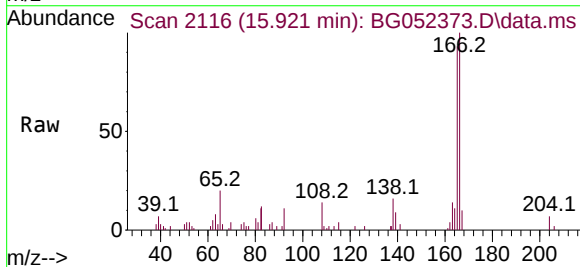
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



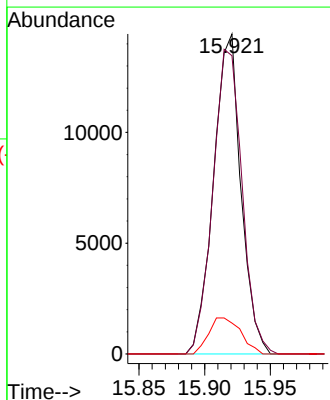
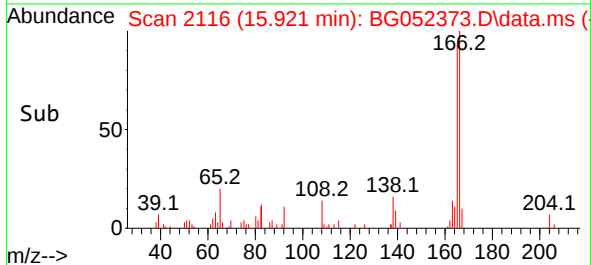
Tgt Ion:165 Resp: 6041
Ion Ratio Lower Upper
165 100
63 39.5 44.6 66.8#
89 76.1 67.4 101.0
182 0.0 1.6 2.4#

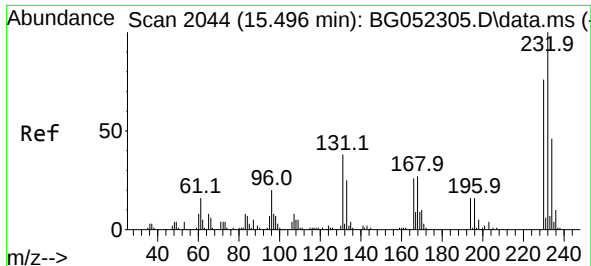


#58
Fluorene
Concen: 4.066 ng
RT: 15.921 min Scan# 2116
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05



Tgt Ion:166 Resp: 20965
Ion Ratio Lower Upper
166 100
165 93.2 80.0 120.0
167 9.6 11.1 16.7#

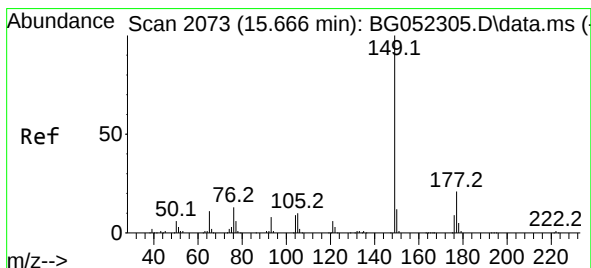
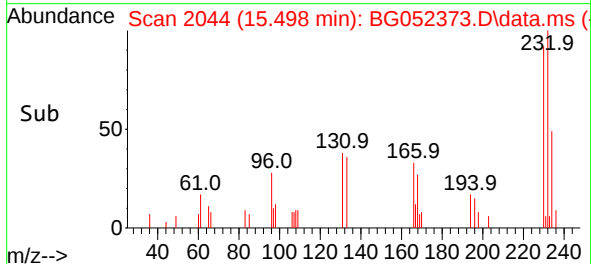
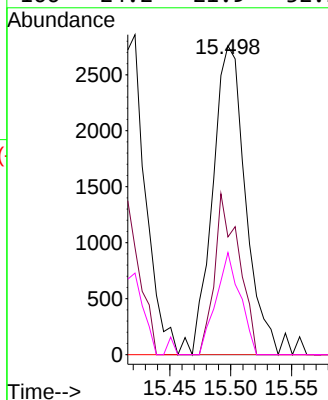
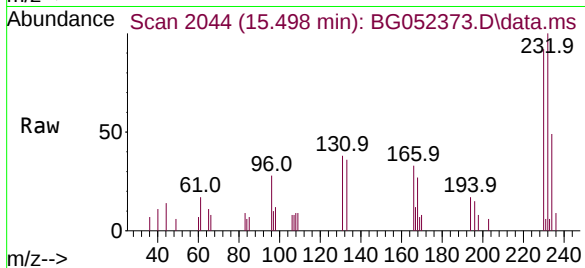




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.406 ng
RT: 15.498 min Scan# 2044
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

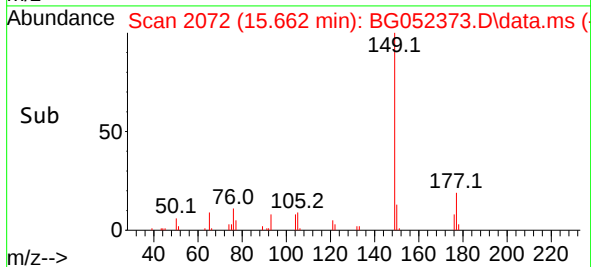
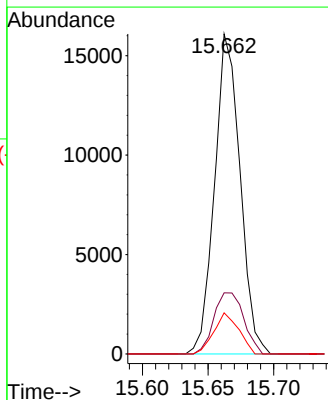
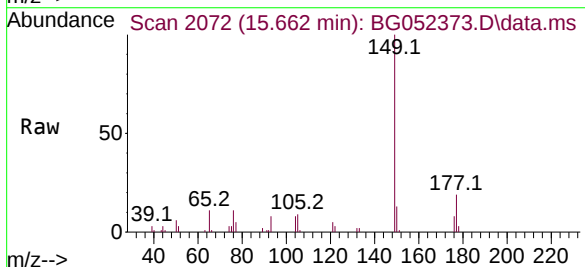
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

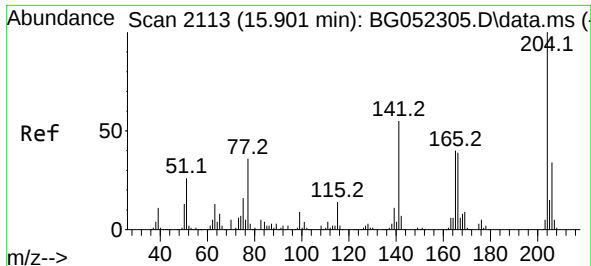
Tgt Ion:	232	Resp:	5173
Ion	Ratio	Lower	Upper
232	100		
131	38.6	32.2	48.4
130	0.0	2.2	3.4#
166	24.2	21.9	32.9



#60
Diethylphthalate
Concen: 4.105 ng
RT: 15.662 min Scan# 2072
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:	149	Resp:	21664
Ion	Ratio	Lower	Upper
149	100		
177	19.1	17.8	26.6
150	12.8	9.2	13.8

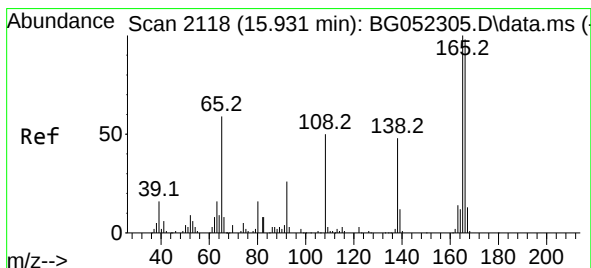
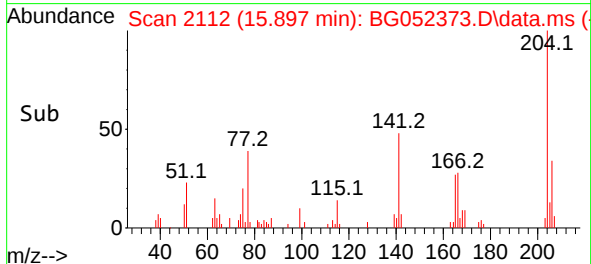
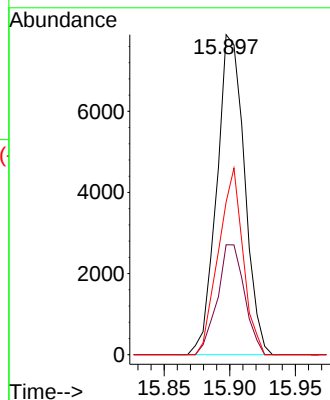
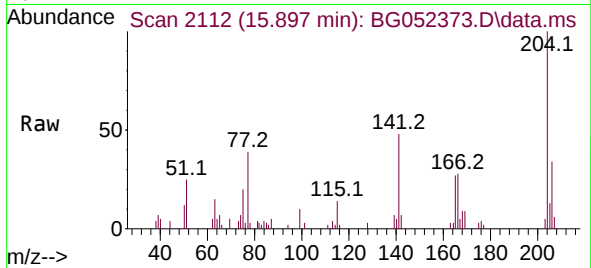




#61
4-Chlorophenyl-phenylether
Concen: 3.940 ng
RT: 15.897 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

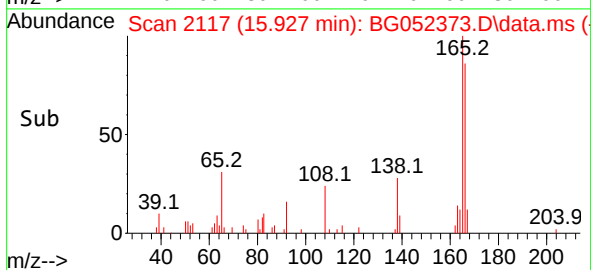
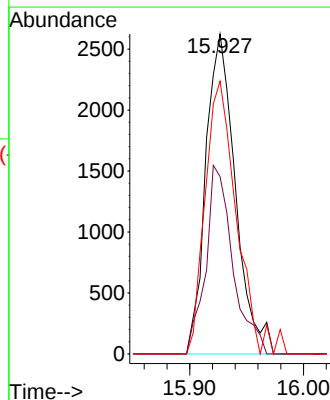
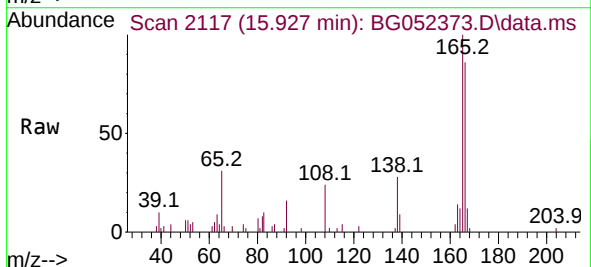
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

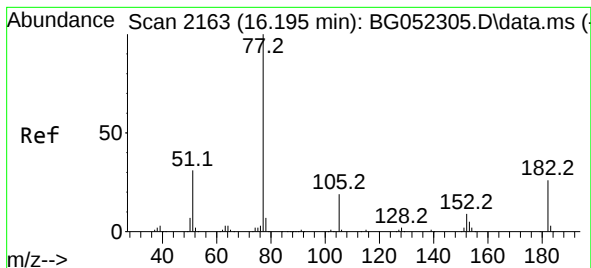
Tgt Ion:204 Resp: 11571
Ion Ratio Lower Upper
204 100
206 34.4 28.4 42.6
141 47.7 41.8 62.6



#62
4-Nitroaniline
Concen: 3.841 ng
RT: 15.927 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:138 Resp: 4738
Ion Ratio Lower Upper
138 100
92 55.4 35.5 75.5
108 85.3 96.4 136.4#





#63

Azobenzene

Concen: 3.884 ng

RT: 16.197 min Scan# 2163

Delta R.T. 0.002 min

Lab File: BG052373.D

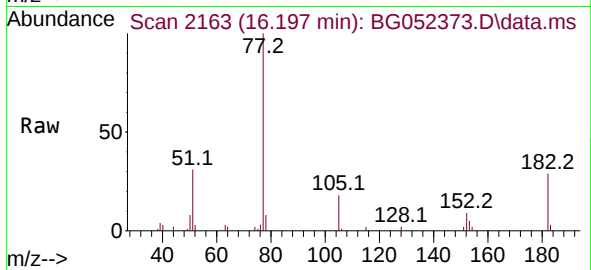
Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 77 Resp: 20982

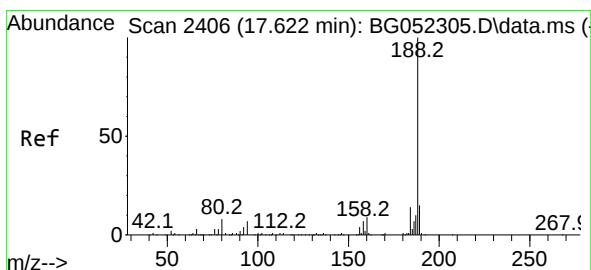
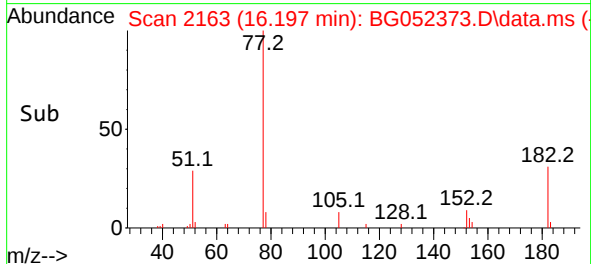
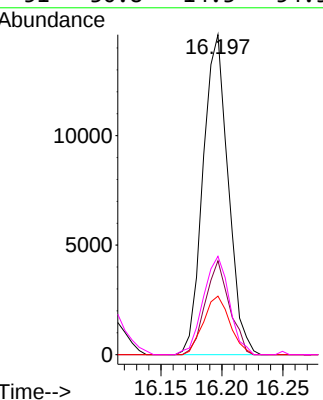
Ion Ratio Lower Upper

77 100

182 29.3 4.1 44.1

105 18.3 0.0 37.5

51 30.8 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

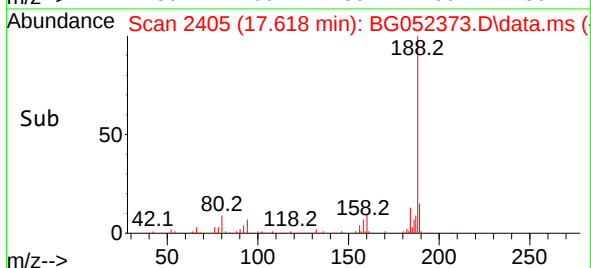
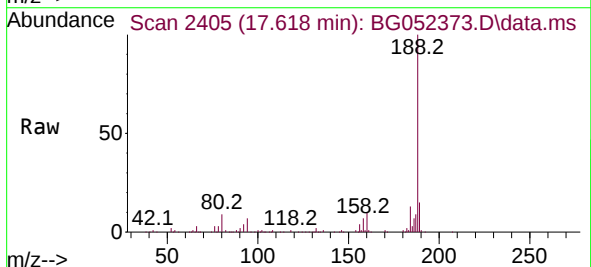
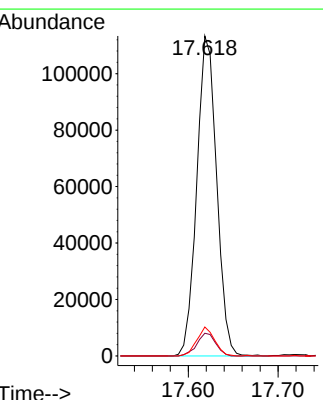
Tgt Ion: 188 Resp: 173975

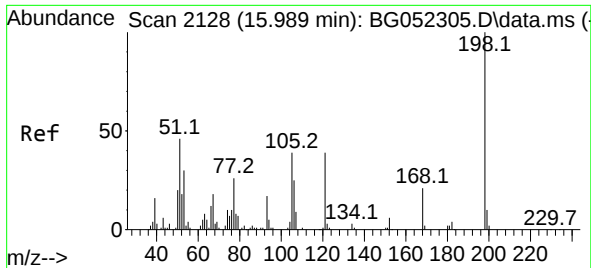
Ion Ratio Lower Upper

188 100

94 7.1 5.9 8.9

80 9.1 6.6 10.0

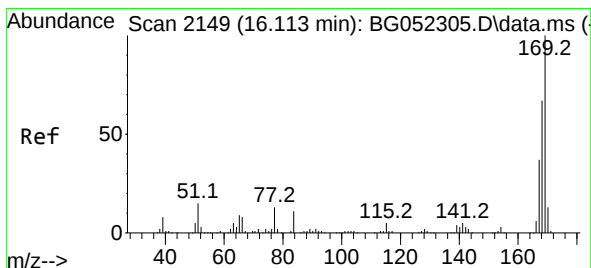
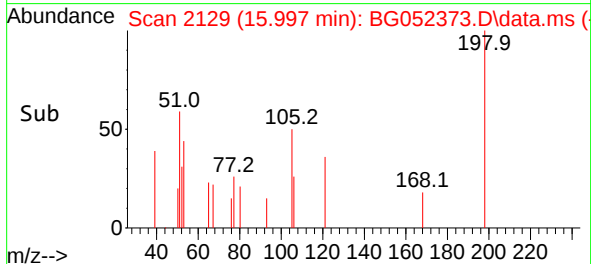
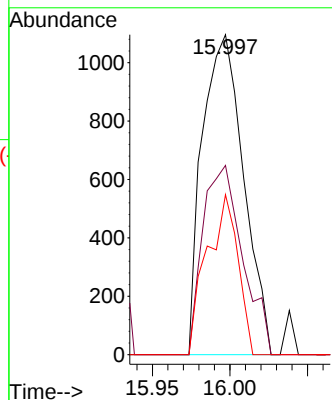
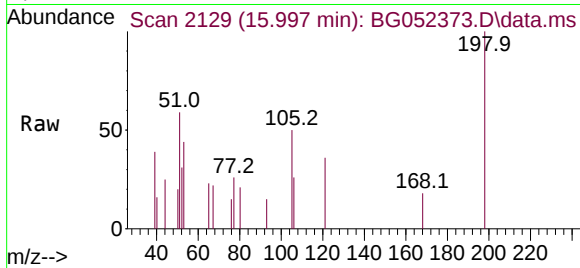




#65
4,6-Dinitro-2-methylphenol
Concen: 1.933 ng
RT: 15.997 min Scan# 2128
Delta R.T. 0.008 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

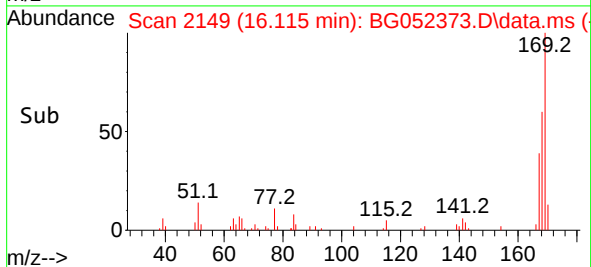
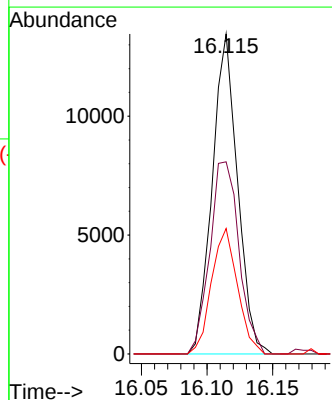
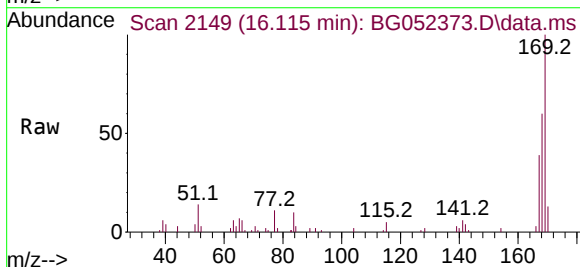
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

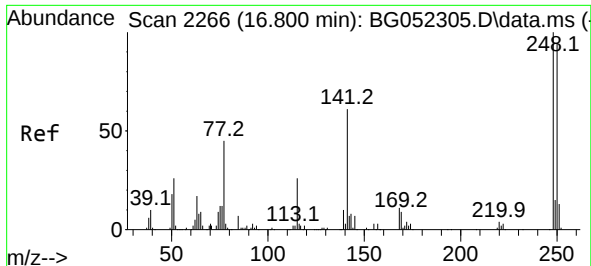
Tgt Ion:198 Resp: 2023
Ion Ratio Lower Upper
198 100
51 59.1 31.6 71.6
105 50.0 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 3.762 ng
RT: 16.115 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:169 Resp: 18031
Ion Ratio Lower Upper
169 100
168 60.0 57.4 86.0
167 39.2 29.5 44.3

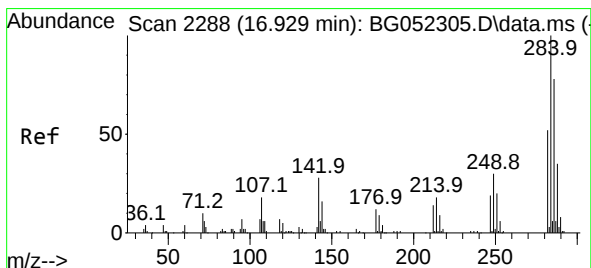
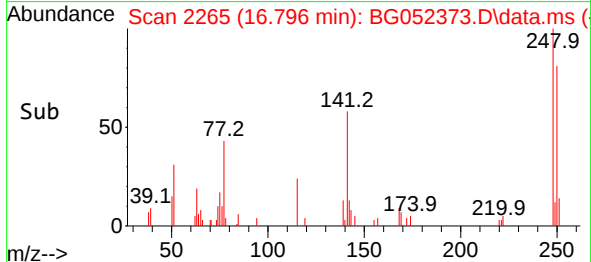
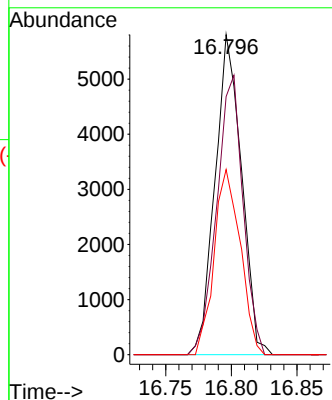
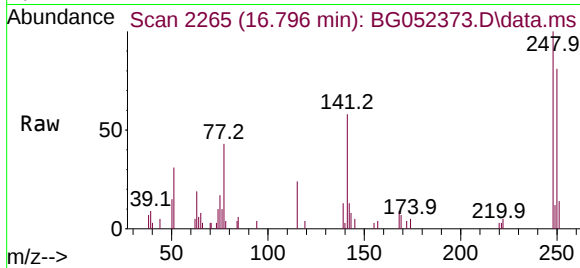




#67
 4-Bromophenyl-phenylether
 Concen: 3.840 ng
 RT: 16.796 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG052373.D
 Acq: 11 Feb 2022 17:05

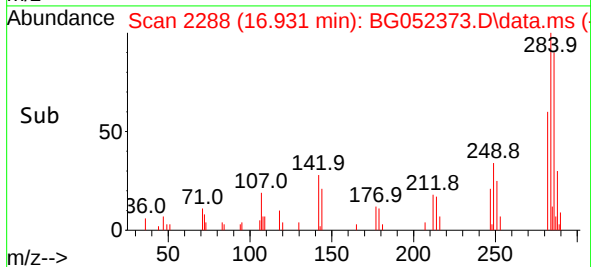
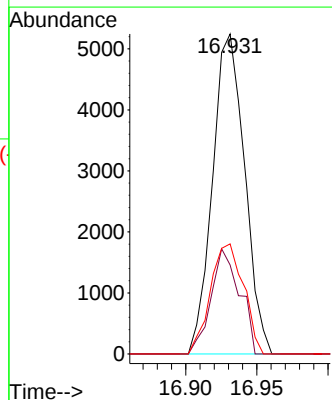
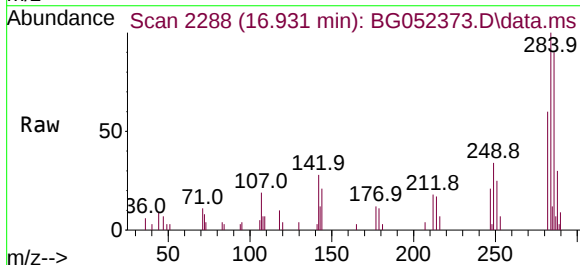
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

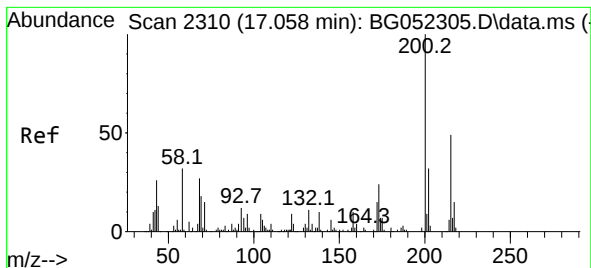
Tgt Ion:248 Resp: 8125
 Ion Ratio Lower Upper
 248 100
 250 80.7 79.6 119.4
 141 57.9 54.6 81.8



#68
 Hexachlorobenzene
 Concen: 3.585 ng
 RT: 16.931 min Scan# 2288
 Delta R.T. 0.002 min
 Lab File: BG052373.D
 Acq: 11 Feb 2022 17:05

Tgt Ion:284 Resp: 8226
 Ion Ratio Lower Upper
 284 100
 142 27.8 26.2 39.2
 249 34.4 26.9 40.3





#69

Atrazine

Concen: 3.883 ng

RT: 17.049 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG052373.D

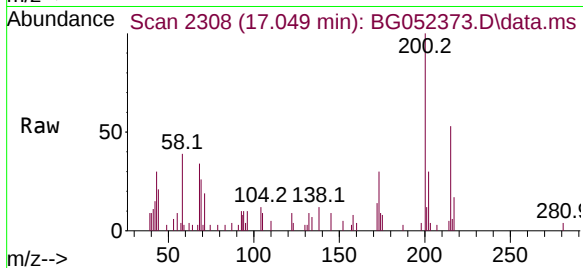
Acq: 11 Feb 2022 17:05

Instrument :

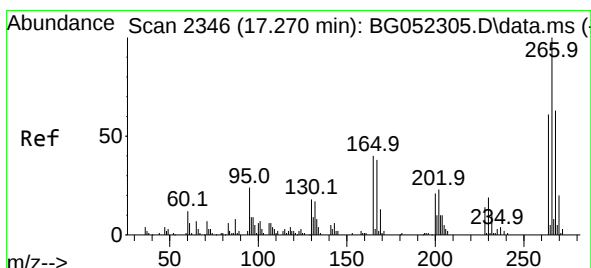
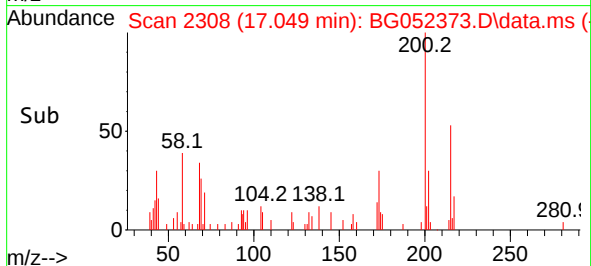
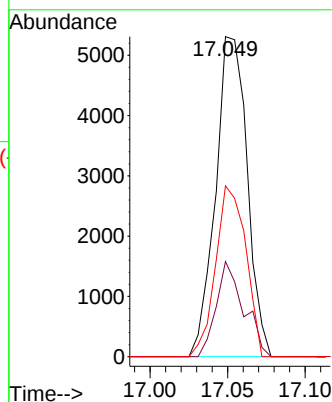
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion:	200	Resp:	7526
Ion Ratio	Lower	Upper	
200	100		
173	29.8	3.3	43.3
215	53.4	24.4	64.4



#70

Pentachlorophenol

Concen: 1.759 ng

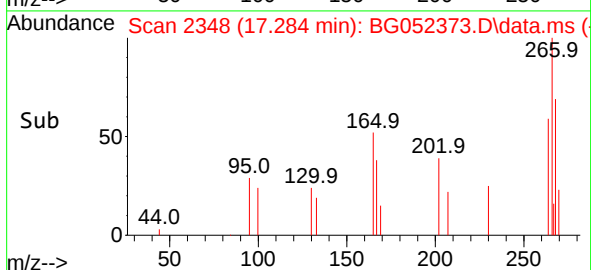
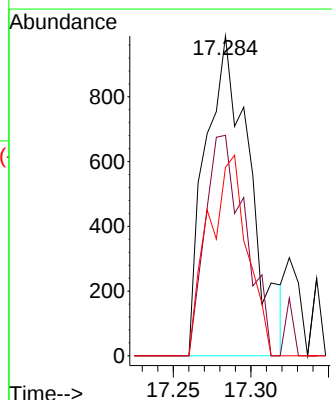
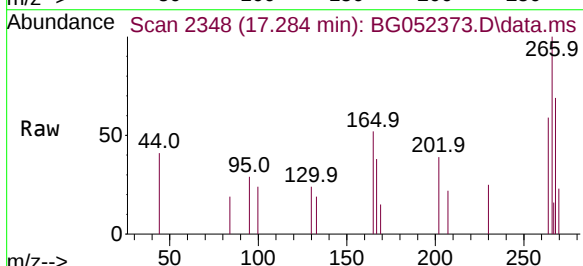
RT: 17.284 min Scan# 2348

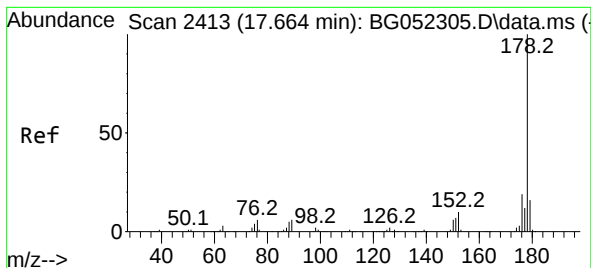
Delta R.T. 0.014 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Tgt Ion:	266	Resp:	1975
Ion Ratio	Lower	Upper	
266	100		
268	68.9	50.6	75.8
264	58.9	52.2	78.2





#71

Phenanthrene

Concen: 3.920 ng

RT: 17.665 min Scan# 2413

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

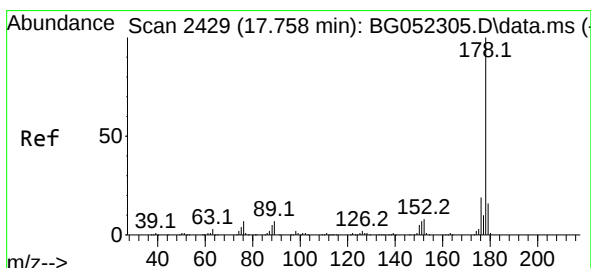
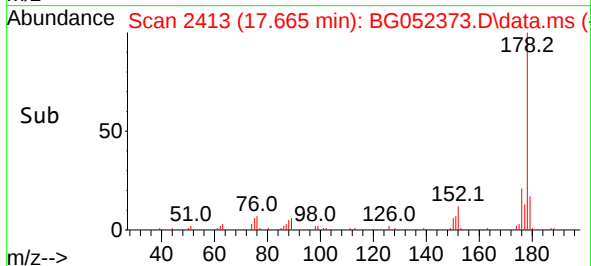
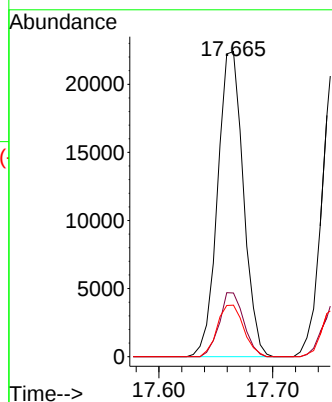
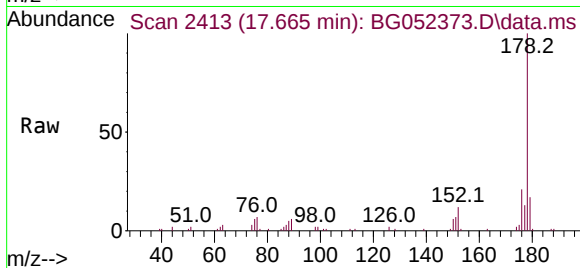
Tgt Ion:178 Resp: 35153

Ion Ratio Lower Upper

178 100

176 20.9 16.6 25.0

179 16.9 12.6 18.8



#72

Anthracene

Concen: 3.994 ng

RT: 17.754 min Scan# 2428

Delta R.T. -0.004 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

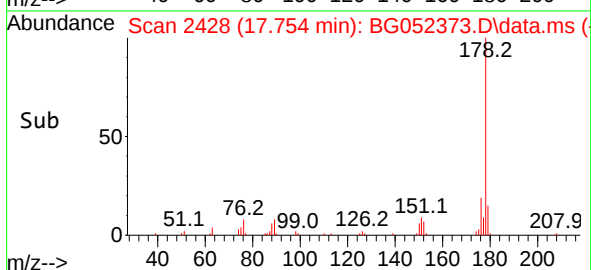
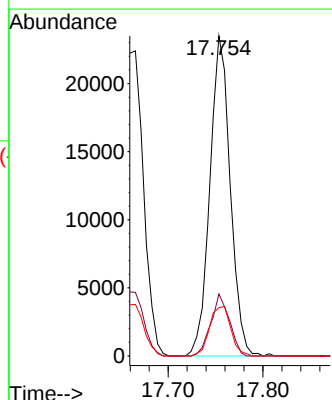
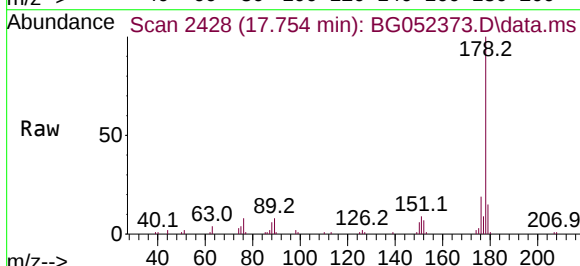
Tgt Ion:178 Resp: 35106

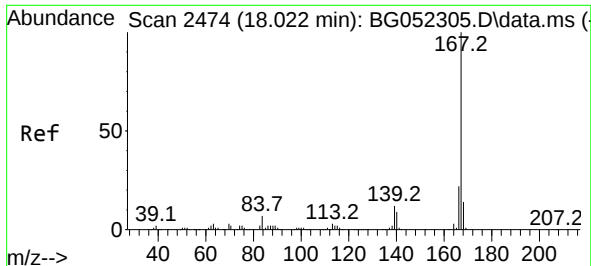
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.1 13.1 19.7

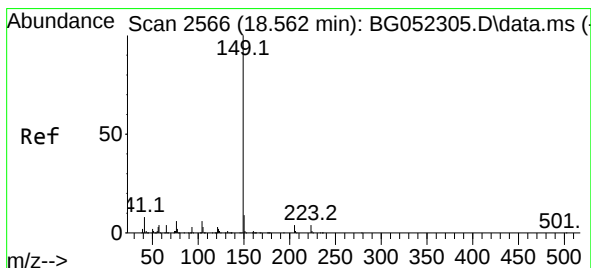
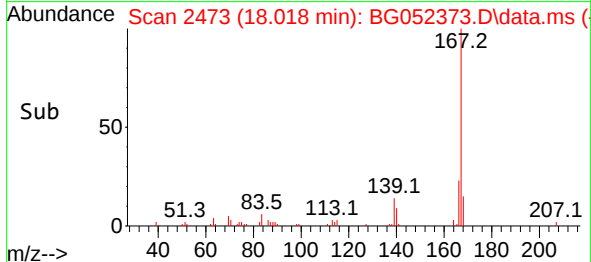
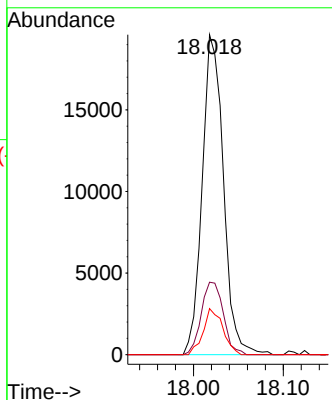
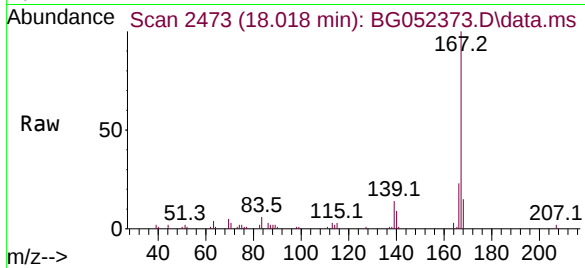




#73
Carbazole
Concen: 3.753 ng
RT: 18.018 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

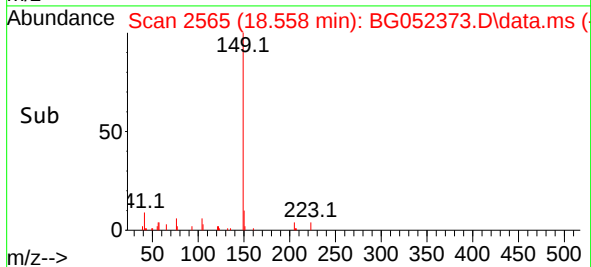
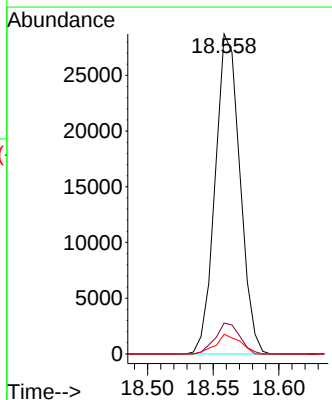
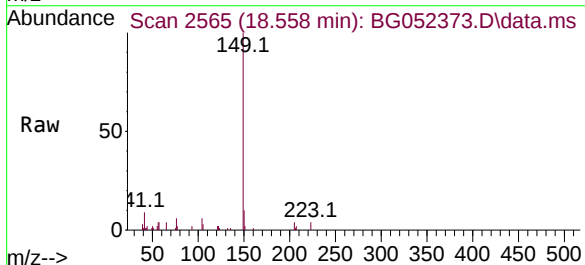
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

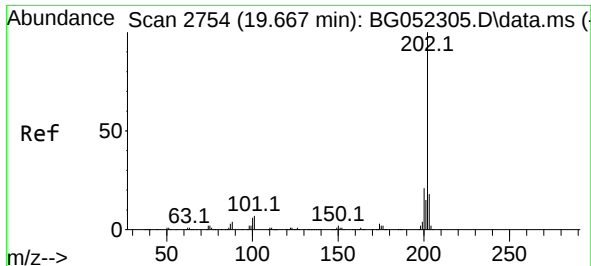
Tgt Ion:167 Resp: 32169
Ion Ratio Lower Upper
167 100
166 22.7 17.8 26.6
139 14.4 10.6 16.0



#74
Di-n-butylphthalate
Concen: 4.025 ng
RT: 18.558 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:149 Resp: 37586
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 6.2 5.4 8.2

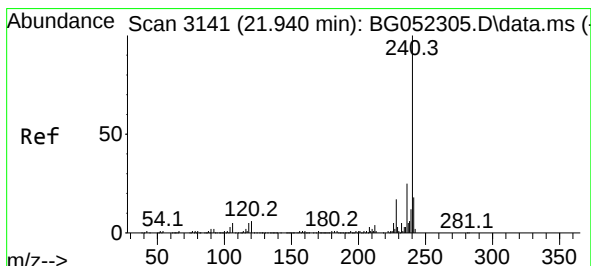
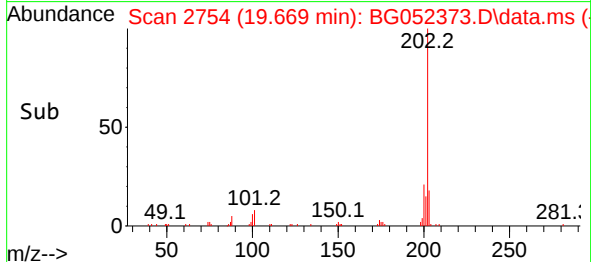
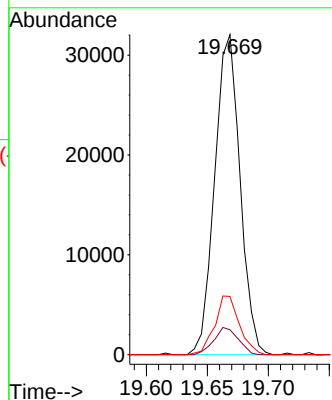
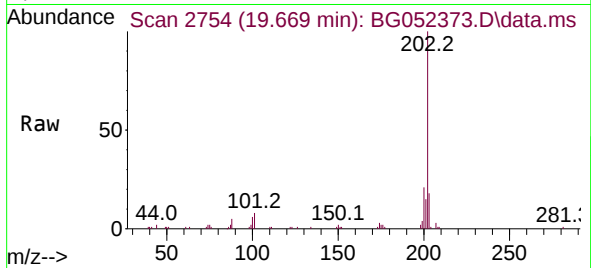




#75
Fluoranthene
Concen: 4.058 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

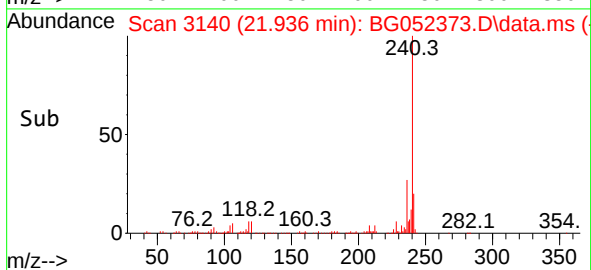
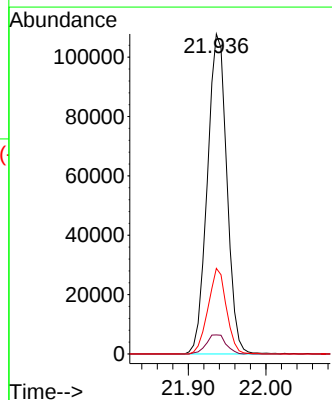
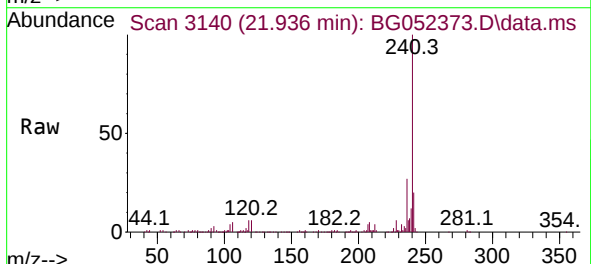
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

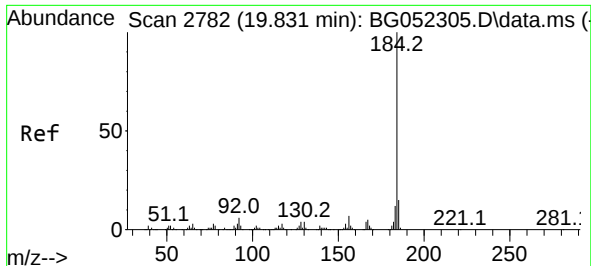
Tgt Ion:202 Resp: 46346
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 18.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:240 Resp: 188051
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 26.8 20.8 31.2

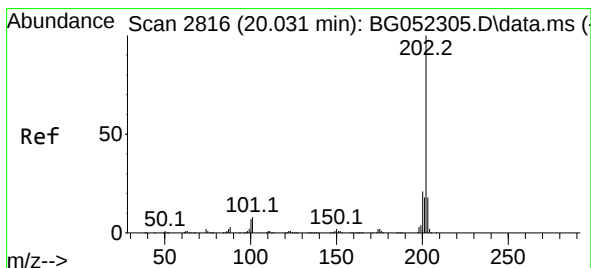
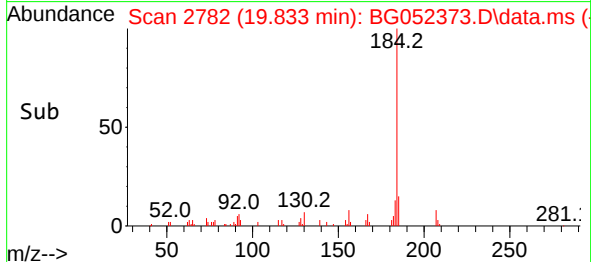
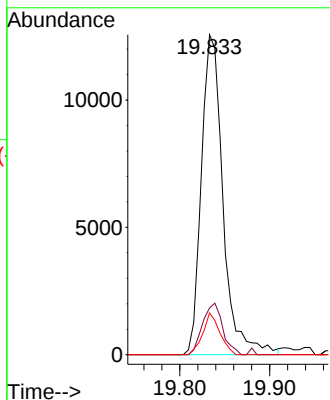
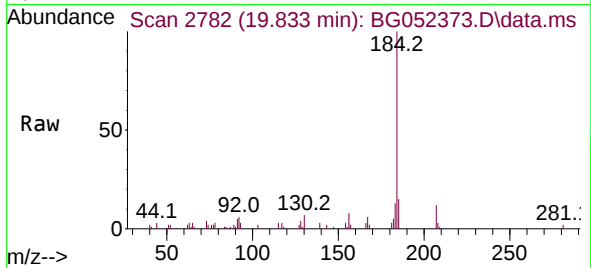




#77
Benzidine
Concen: 5.230 ng
RT: 19.833 min Scan# 21017
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

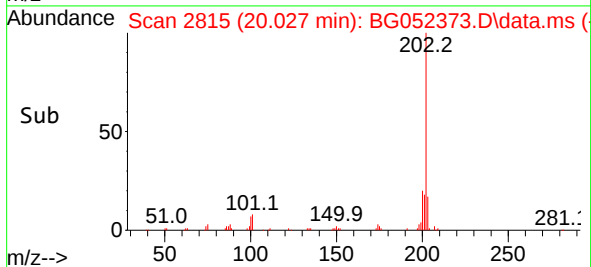
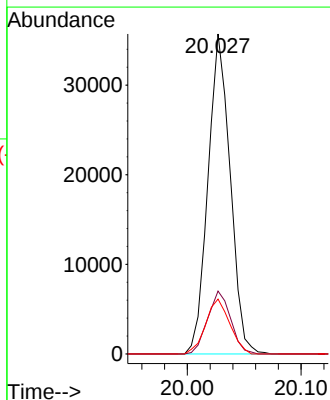
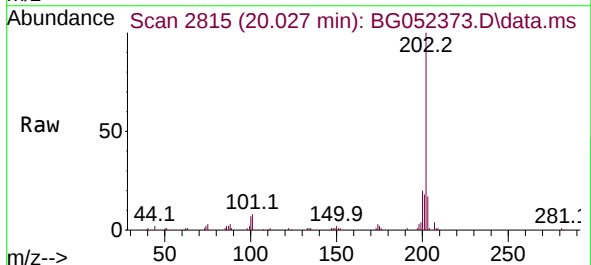
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

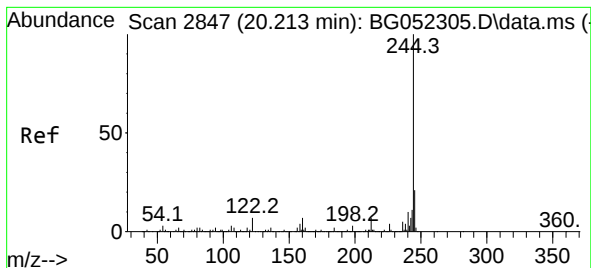
Tgt Ion:184 Resp: 21017
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 13.1 9.8 14.6



#78
Pyrene
Concen: 3.848 ng
RT: 20.027 min Scan# 2815
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:202 Resp: 48419
Ion Ratio Lower Upper
202 100
200 19.7 17.4 26.2
203 17.1 14.5 21.7





#79

Terphenyl-d14

Concen: 85.706 ng

RT: 20.215 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

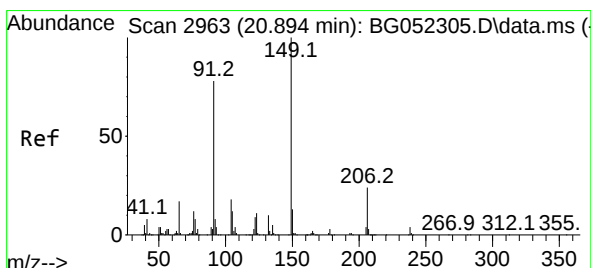
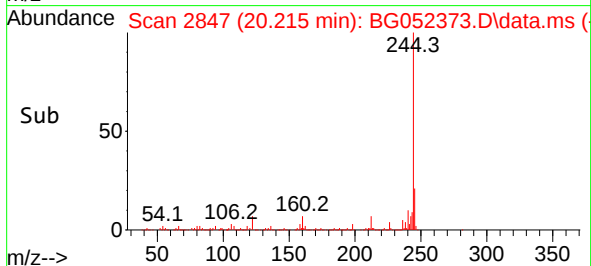
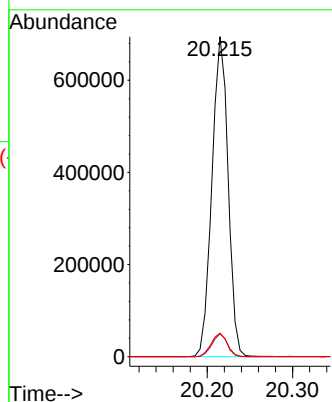
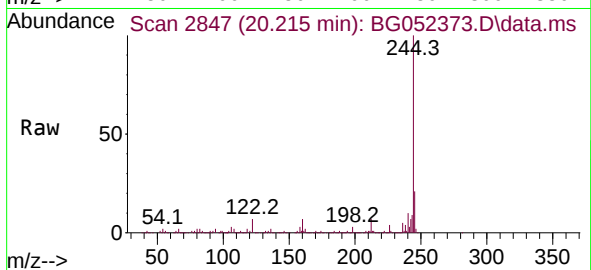
Tgt Ion:244 Resp: 912707

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 7.4 6.2 9.4



#80

Butylbenzylphthalate

Concen: 3.734 ng

RT: 20.896 min Scan# 2963

Delta R.T. 0.002 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

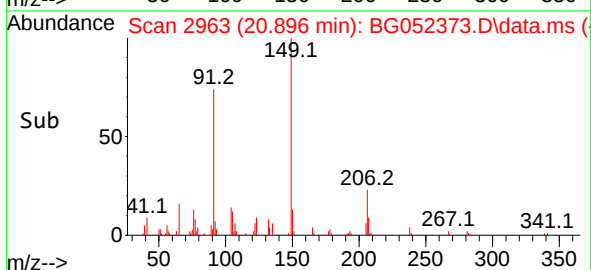
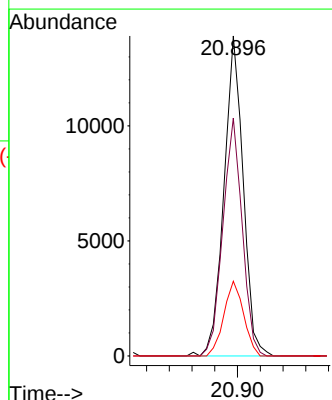
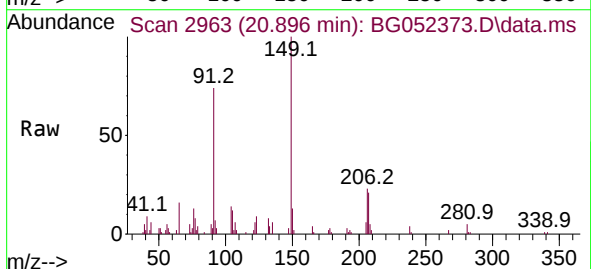
Tgt Ion:149 Resp: 16323

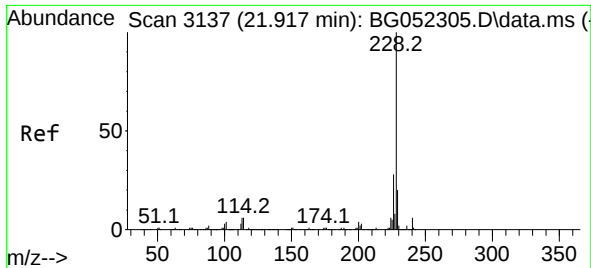
Ion Ratio Lower Upper

149 100

91 74.4 64.0 96.0

206 23.3 19.3 28.9

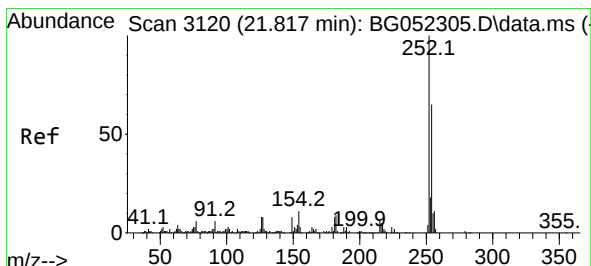
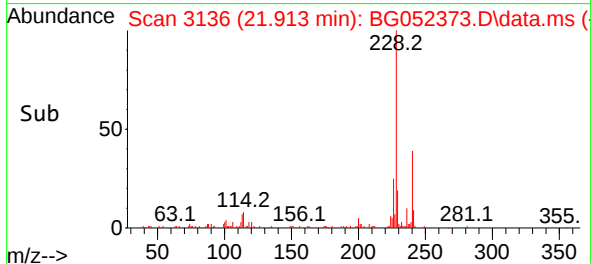
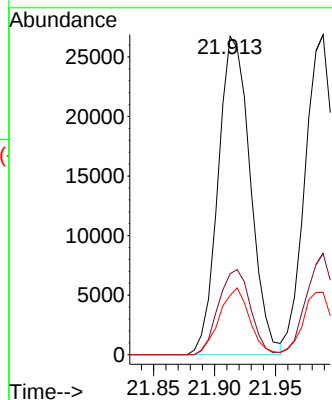
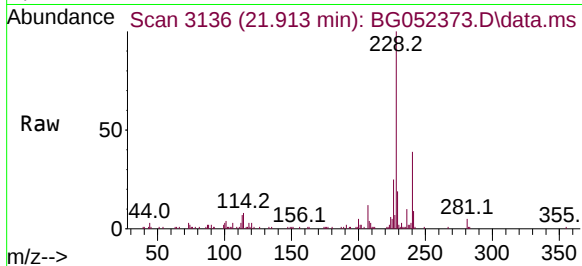




#81
Benzo(a)anthracene
Concen: 3.944 ng
RT: 21.913 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

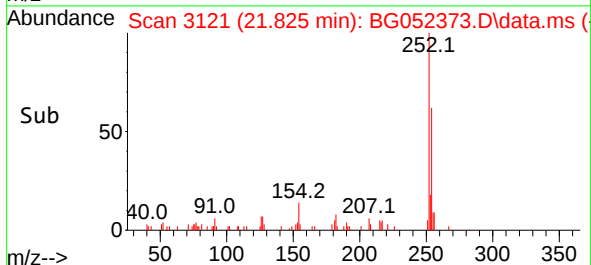
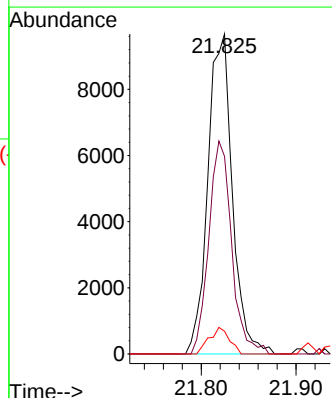
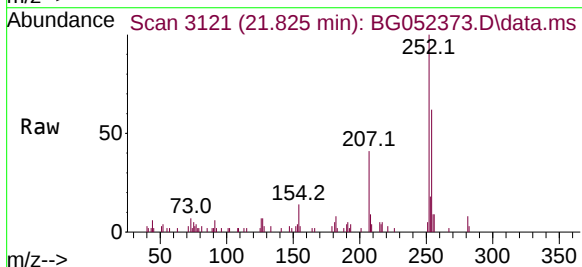
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

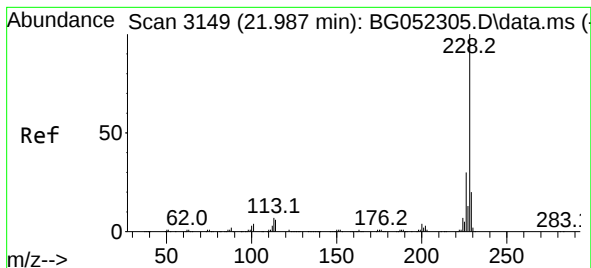
Tgt Ion:228	Resp:	49077
Ion Ratio	Lower	Upper
228	100	
226	25.4	21.6 32.4
229	18.6	16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 3.993 ng
RT: 21.825 min Scan# 3121
Delta R.T. 0.008 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:252	Resp:	17345
Ion Ratio	Lower	Upper
252	100	
254	61.8	52.6 79.0
126	7.1	6.4 9.6





#83

Chrysene

Concen: 3.849 ng

RT: 21.989 min Scan# 3149

Delta R.T. 0.002 min

Lab File: BG052373.D

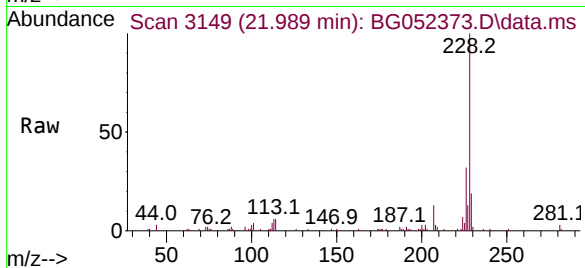
Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



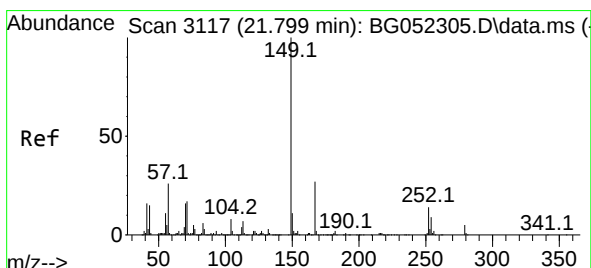
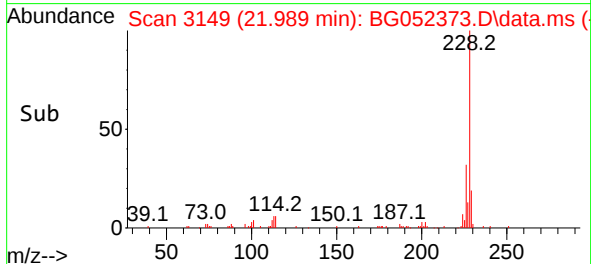
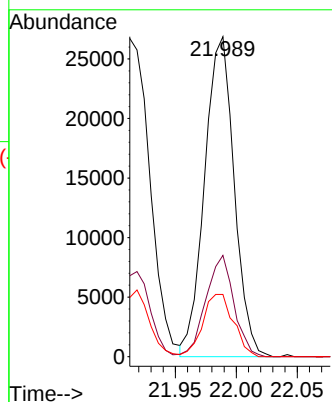
Tgt Ion:228 Resp: 45389

Ion Ratio Lower Upper

228 100

226 31.7 24.1 36.1

229 19.4 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.943 ng

RT: 21.795 min Scan# 3116

Delta R.T. -0.004 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

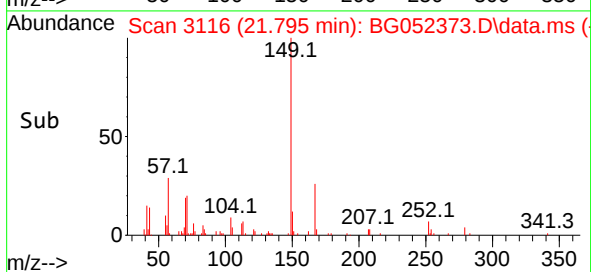
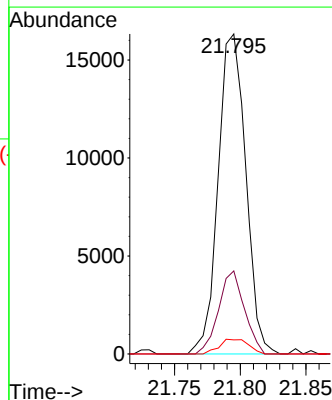
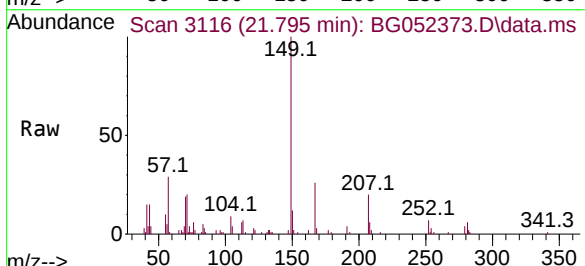
Tgt Ion:149 Resp: 23896

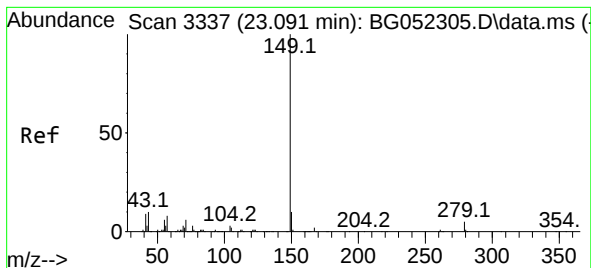
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.0

279 4.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 3.841 ng

RT: 23.087 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

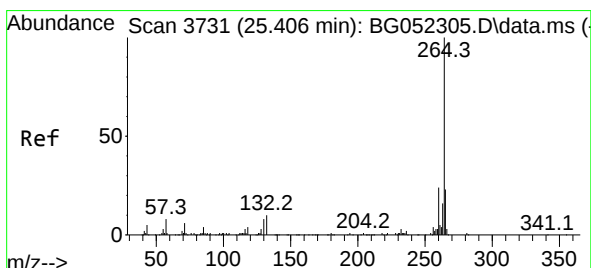
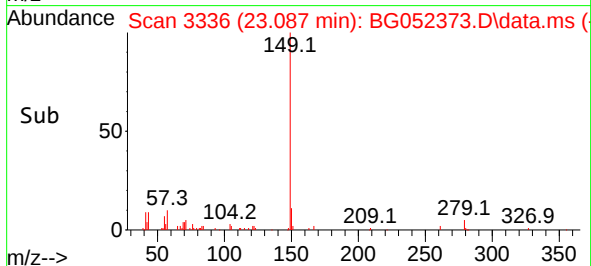
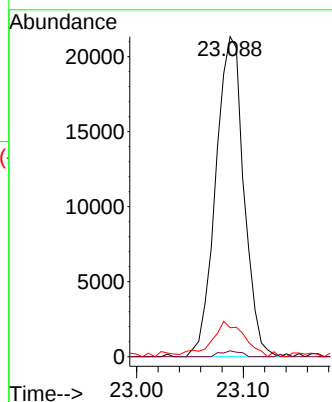
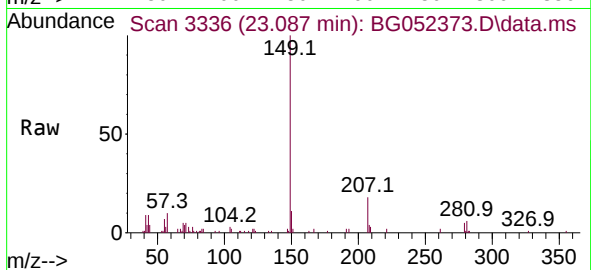
Tgt Ion:149 Resp: 39034

Ion Ratio Lower Upper

149 100

167 1.3 1.4 2.0#

43 12.9 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.414 min Scan# 3732

Delta R.T. 0.008 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

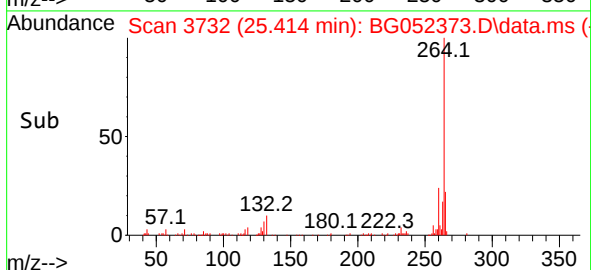
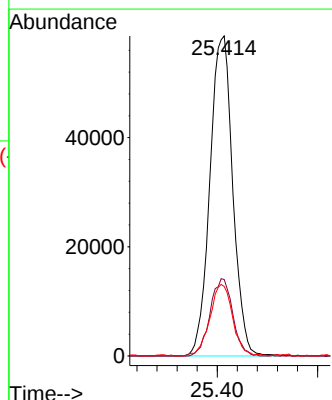
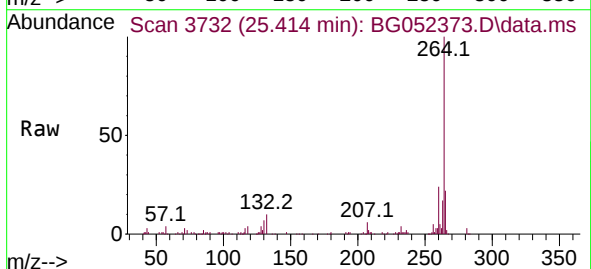
Tgt Ion:264 Resp: 185320

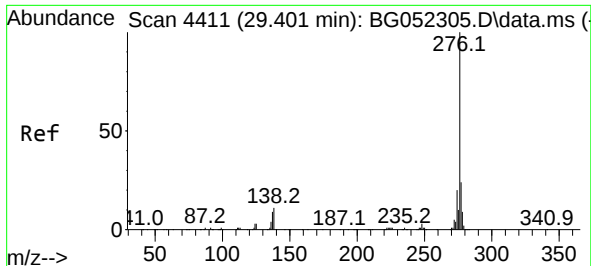
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.7 17.8 26.6

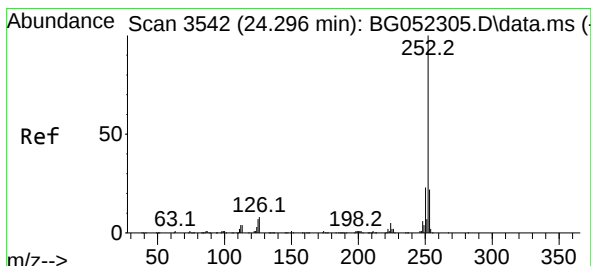
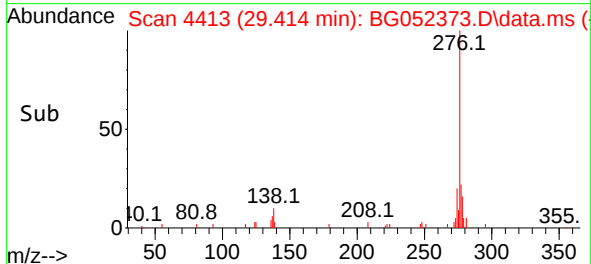
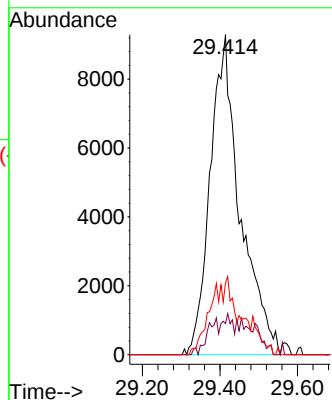
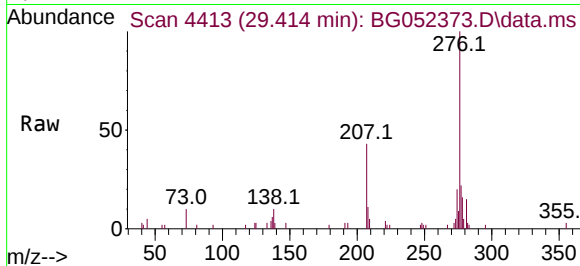




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.672 ng
 RT: 29.414 min Scan# 4411
 Delta R.T. 0.014 min
 Lab File: BG052373.D
 Acq: 11 Feb 2022 17:05

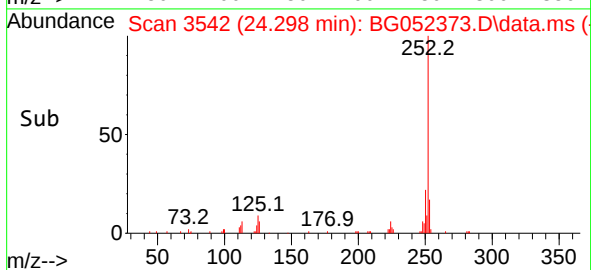
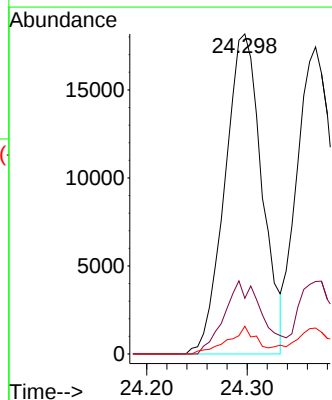
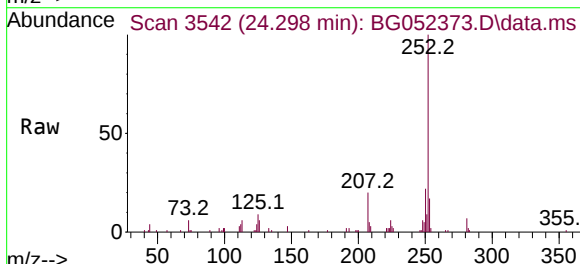
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

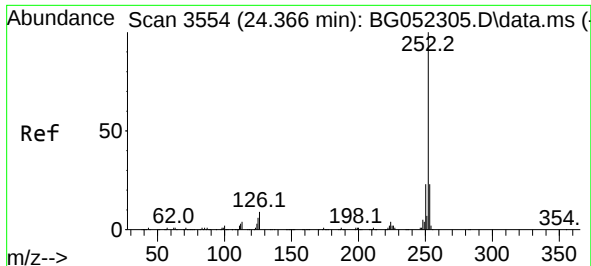
Tgt Ion:276 Resp: 49792
 Ion Ratio Lower Upper
 276 100
 138 1.8 6.1 9.1#
 277 0.0 20.2 30.4#



#88
 Benzo(b)fluoranthene
 Concen: 4.044 ng
 RT: 24.298 min Scan# 3542
 Delta R.T. 0.002 min
 Lab File: BG052373.D
 Acq: 11 Feb 2022 17:05

Tgt Ion:252 Resp: 46698
 Ion Ratio Lower Upper
 252 100
 253 17.4 18.3 27.5#
 125 8.7 5.4 8.2#

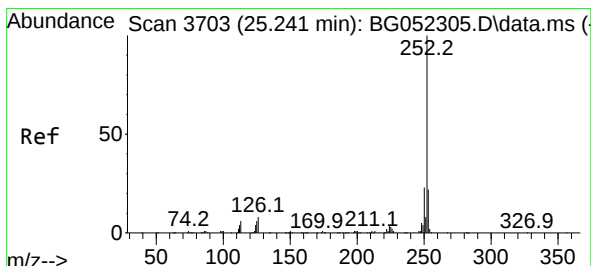
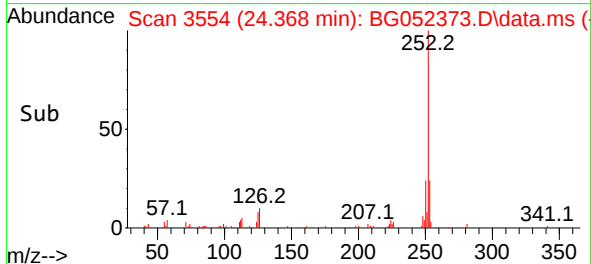
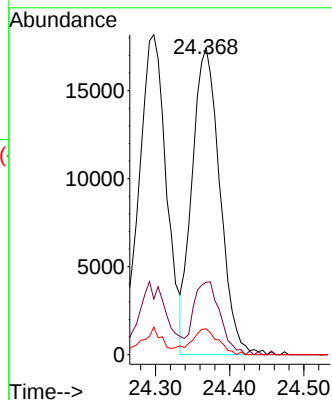
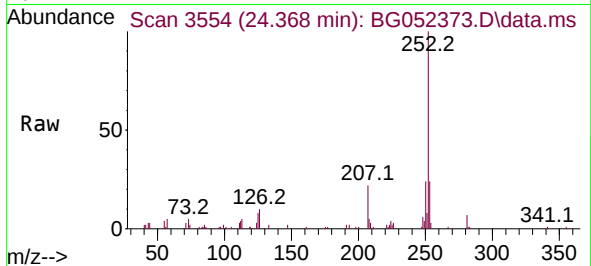




#89
Benzo(k)fluoranthene
Concen: 3.970 ng
RT: 24.368 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

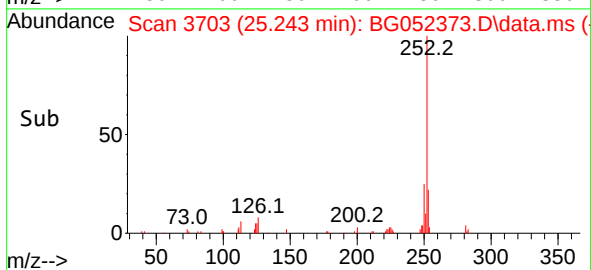
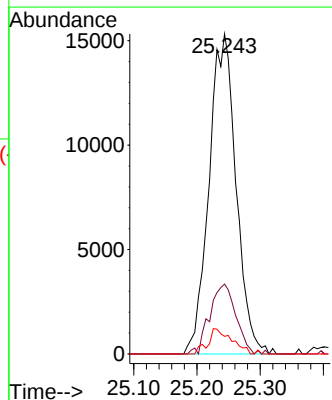
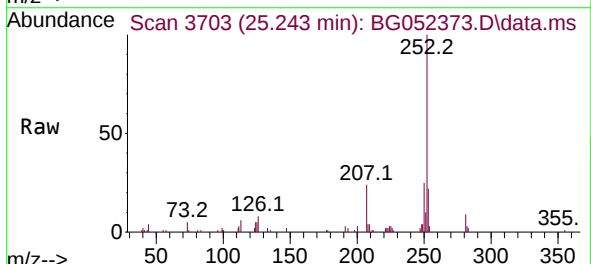
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

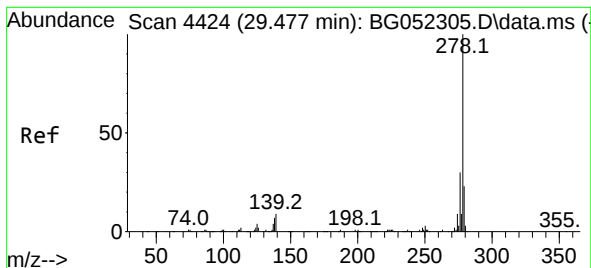
Tgt Ion:252 Resp: 45296
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 8.4 4.6 7.0#



#90
Benzo(a)pyrene
Concen: 4.675 ng
RT: 25.243 min Scan# 3703
Delta R.T. 0.002 min
Lab File: BG052373.D
Acq: 11 Feb 2022 17:05

Tgt Ion:252 Resp: 45609
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 5.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 4.066 ng

RT: 29.473 min Scan# 4423

Delta R.T. -0.004 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

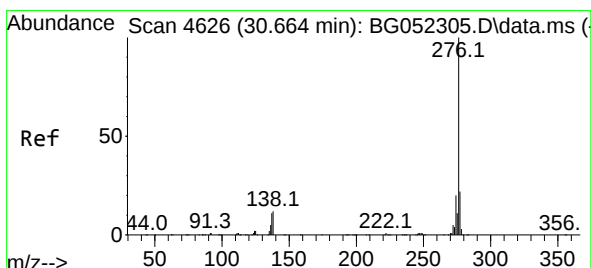
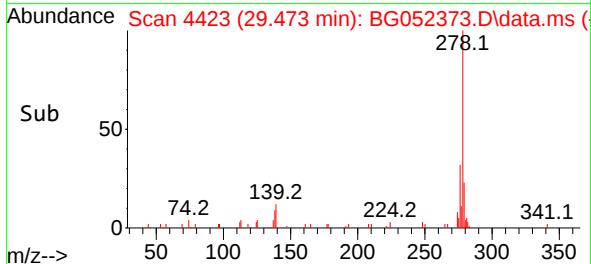
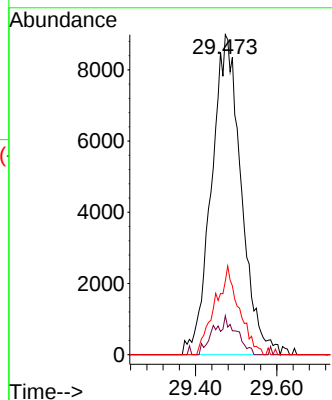
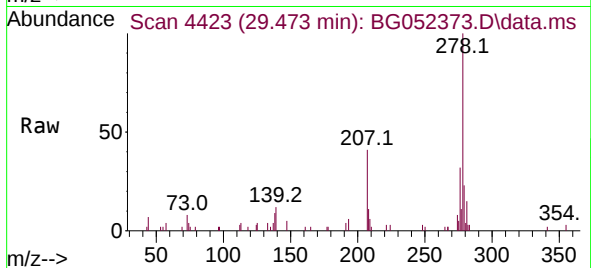
Tgt Ion:278 Resp: 45547

Ion Ratio Lower Upper

278 100

139 12.1 6.4 9.6#

279 22.9 20.1 30.1



#92

Benzo(g,h,i)perylene

Concen: 3.795 ng

RT: 30.671 min Scan# 4627

Delta R.T. 0.008 min

Lab File: BG052373.D

Acq: 11 Feb 2022 17:05

Tgt Ion:276 Resp: 41719

Ion Ratio Lower Upper

276 100

277 24.6 18.2 27.2

138 11.2 9.1 13.7

