

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056946.D
 Acq On : 31 Mar 2023 16:13
 Operator : CG/JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Apr 01 02:36:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	15544	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	65444	20.000	ng	0.00
39) Acenaphthene-d10	15.027	164	52562	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	130173	20.000	ng	0.00
76) Chrysene-d12	22.088	240	127676	20.000	ng	0.00
86) Perylene-d12	25.631	264	137290	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	98583	101.503	ng	0.00
7) Phenol-d6	7.538	99	146971	101.178	ng	0.00
23) Nitrobenzene-d5	9.588	82	120543	75.367	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	86440	102.942	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	289008	74.559	ng	0.00
79) Terphenyl-d14	20.338	244	584423	77.457	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.725	88	3287	7.720	ng	93
3) Pyridine	4.148	79	9193	6.704	ng	91
4) n-Nitrosodimethylamine	4.054	42	4921	7.805	ng	# 92
6) Aniline	7.726	93	13161	7.087	ng	95
8) 2-Chlorophenol	7.972	128	6909	7.142	ng	89
9) Benzaldehyde	7.538	77	8795	9.653	ng	81
10) Phenol	7.567	94	9924	6.895	ng	88
11) bis(2-Chloroethyl)ether	7.814	93	7341	7.160	ng	96
12) 1,3-Dichlorobenzene	8.301	146	8034	7.516	ng	96
13) 1,4-Dichlorobenzene	8.301	146	8034	7.447	ng	97
14) 1,2-Dichlorobenzene	8.777	146	7696	7.384	ng	90
15) Benzyl Alcohol	8.636	79	8661	7.176	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.936	45	9049	7.323	ng	96
17) 2-Methylphenol	8.836	107	6888	6.708	ng	92
18) Hexachloroethane	9.517	117	2660	6.746	ng	93
19) n-Nitroso-di-n-propyla...	9.212	70	7236	6.964	ng	# 92
20) 3+4-Methylphenols	9.165	107	8884	6.187	ng	94
22) Acetophenone	9.241	105	13680	7.025	ng	# 93
24) Nitrobenzene	9.635	77	11149	6.818	ng	# 91
25) Isophorone	10.152	82	20367	6.687	ng	96
26) 2-Nitrophenol	10.351	139	4195	6.646	ng	86
27) 2,4-Dimethylphenol	10.393	122	7333	6.580	ng	93
28) bis(2-Chloroethoxy)met...	10.628	93	10518	6.898	ng	# 87
29) 2,4-Dichlorophenol	10.880	162	7969	6.649	ng	97
30) 1,2,4-Trichlorobenzene	11.109	180	9178	7.207	ng	99
31) Naphthalene	11.303	128	24501	6.869	ng	# 96
32) Benzoic acid	10.522	122	252	0.329	ng	# 32
33) 4-Chloroaniline	11.397	127	10586	6.571	ng	92
34) Hexachlorobutadiene	11.585	225	7092	7.414	ng	# 88
35) Caprolactam	12.131	113	2940	7.113	ng	# 78
36) 4-Chloro-3-methylphenol	12.484	107	8618	6.430	ng	95
37) 2-Methylnaphthalene	12.883	142	18603	6.571	ng	91
38) 1-Methylnaphthalene	13.101	142	17570	6.609	ng	98
40) 1,2,4,5-Tetrachloroben...	13.242	216	12841	7.045	ng	98
41) Hexachlorocyclopentadiene	13.212	237	7241	7.210	ng	# 73
43) 2,4,6-Trichlorophenol	13.465	196	7211	6.200	ng	# 92

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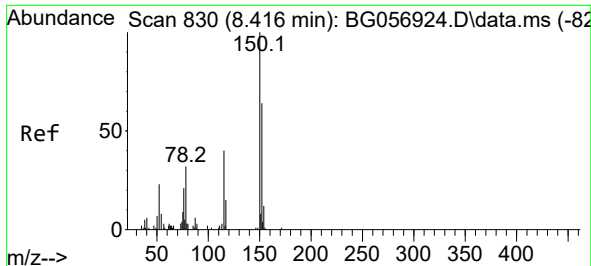
Quant Time: Apr 01 02:36:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.535	196	8201	5.952	ng	# 92
46) 1,1'-Biphenyl	13.864	154	28131	7.311	ng	94
47) 2-Chloronaphthalene	13.917	162	20540	7.218	ng	97
48) 2-Nitroaniline	14.105	65	6490	6.378	ng	87
49) Acenaphthylene	14.751	152	32902	7.037	ng	98
50) Dimethylphthalate	14.458	163	28768	6.946	ng	97
51) 2,6-Dinitrotoluene	14.587	165	6088	6.804	ng	# 82
52) Acenaphthene	15.092	154	22377	6.939	ng	98
53) 3-Nitroaniline	14.916	138	6013	6.789	ng	# 86
54) 2,4-Dinitrophenol	15.121	184	2348	4.662	ng	96
55) Dibenzofuran	15.421	168	34131	7.052	ng	99
56) 4-Nitrophenol	15.204	139	4367	6.668	ng	90
57) 2,4-Dinitrotoluene	15.368	165	8272	6.554	ng	# 92
58) Fluorene	16.067	166	28426	7.098	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.638	232	8232	6.562	ng	# 99
60) Diethylphthalate	15.809	149	28371	6.833	ng	# 93
61) 4-Chlorophenyl-phenyle...	16.044	204	16184	6.883	ng	99
62) 4-Nitroaniline	16.073	138	6616	7.210	ng	# 82
63) Azobenzene	16.337	77	28146	6.802	ng	96
65) 4,6-Dinitro-2-methylph...	16.132	198	4330	5.492	ng	88
66) n-Nitrosodiphenylamine	16.261	169	23740	6.794	ng	98
67) 4-Bromophenyl-phenylether	16.942	248	10486	6.510	ng	95
68) Hexachlorobenzene	17.066	284	11956	7.508	ng	92
69) Atrazine	17.189	200	11490	7.921	ng	92
70) Pentachlorophenol	17.407	266	5240	4.587	ng	95
71) Phenanthrene	17.812	178	47964	7.227	ng	98
72) Anthracene	17.900	178	49067	7.212	ng	99
73) Carbazole	18.159	167	43433	7.322	ng	96
74) Di-n-butylphthalate	18.687	149	47558	6.924	ng	98
75) Fluoranthene	19.797	202	58916	7.003	ng	97
77) Benzidine	19.962	184	33869	9.705	ng	# 94
78) Pyrene	20.156	202	60229	6.820	ng	97
80) Butylbenzylphthalate	21.019	149	20199	6.647	ng	# 85
81) Benzo(a)anthracene	22.065	228	60000	6.791	ng	97
82) 3,3'-Dichlorobenzidine	21.965	252	24940	8.359	ng	94
83) Chrysene	22.141	228	55363	6.692	ng	99
84) Bis(2-ethylhexyl)phtha...	21.924	149	28376	6.449	ng	98
85) Di-n-octyl phthalate	23.246	149	50212	6.771	ng	100
87) Indeno(1,2,3-cd)pyrene	29.719	276	70623	6.960	ng	94
88) Benzo(b)fluoranthene	24.497	252	62649	7.297	ng	98
89) Benzo(k)fluoranthene	24.573	252	62492	7.291	ng	97
90) Benzo(a)pyrene	25.460	252	54924	6.510	ng	98
91) Dibenzo(a,h)anthracene	29.778	278	59801	7.170	ng	# 97
92) Benzo(g,h,i)perylene	30.994	276	57122	6.995	ng	95

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

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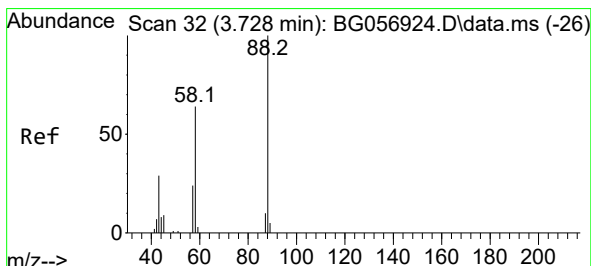
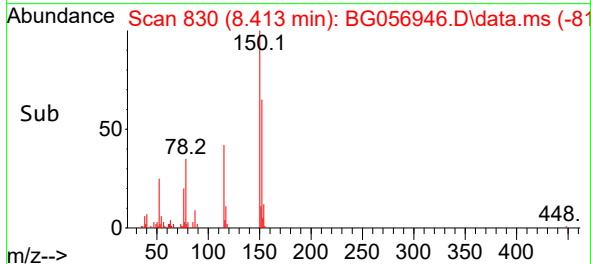
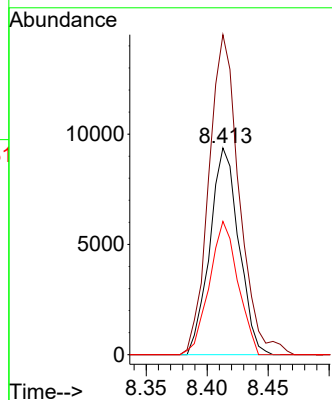
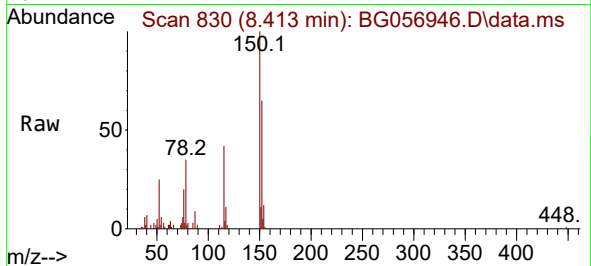




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

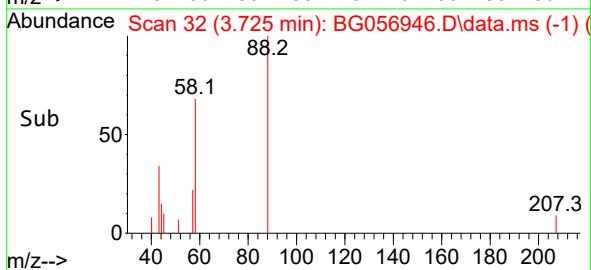
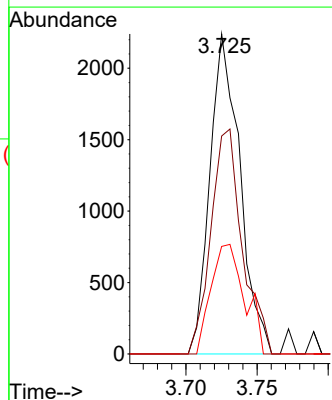
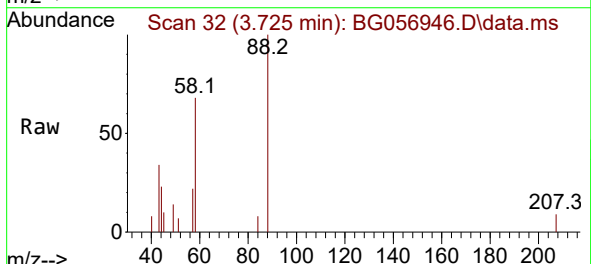
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:152 Resp: 15544
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 64.4 49.1 73.7



#2
1,4-Dioxane
Concen: 7.720 ng
RT: 3.725 min Scan# 32
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 88 Resp: 3287
Ion Ratio Lower Upper
88 100
58 73.8 55.9 83.9
43 38.4 25.7 38.5



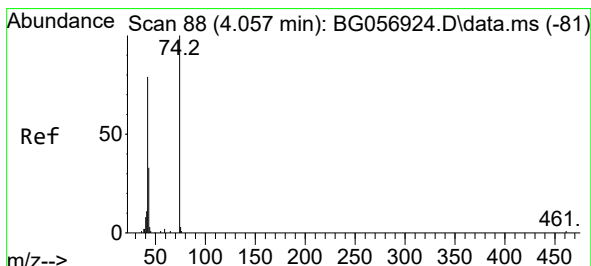
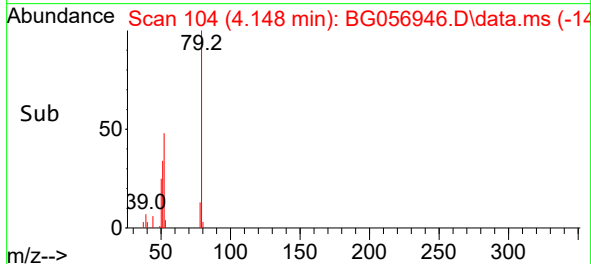
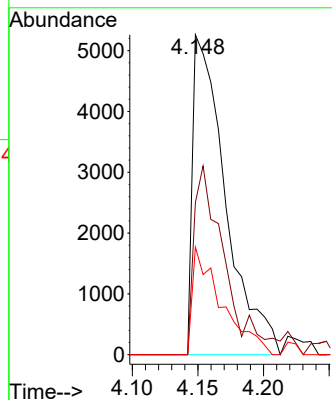
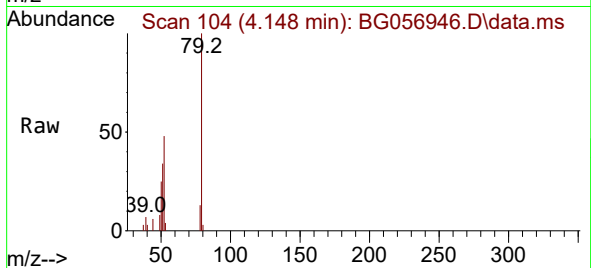


#3
 Pyridine
 Concen: 6.704 ng
 RT: 4.148 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 79 Resp: 9193

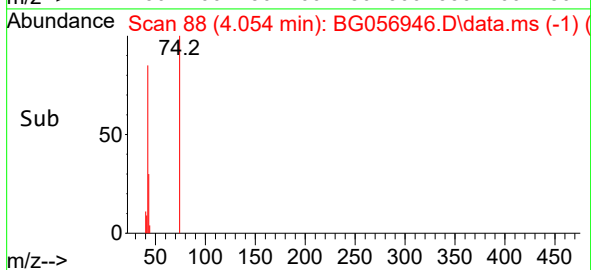
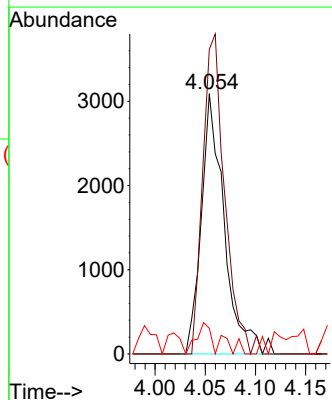
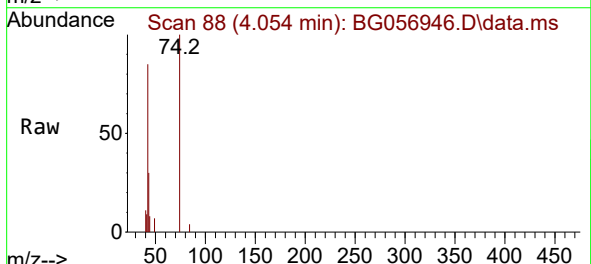
Ion	Ratio	Lower	Upper
79	100		
52	47.5	46.1	69.1
51	33.6	26.1	39.1

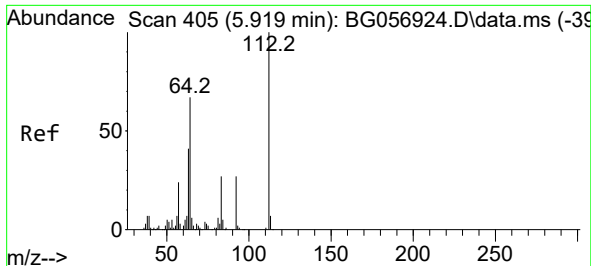


#4
 n-Nitrosodimethylamine
 Concen: 7.805 ng
 RT: 4.054 min Scan# 88
 Delta R.T. -0.003 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

Tgt Ion: 42 Resp: 4921

Ion	Ratio	Lower	Upper
42	100		
74	117.0	100.6	151.0
44	9.9	4.6	7.0

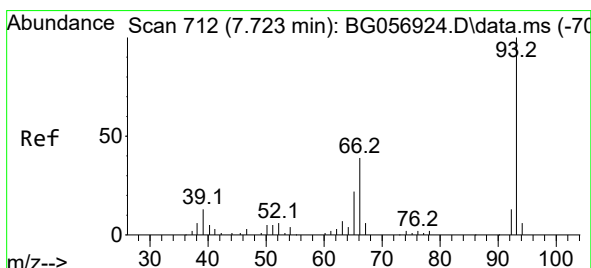
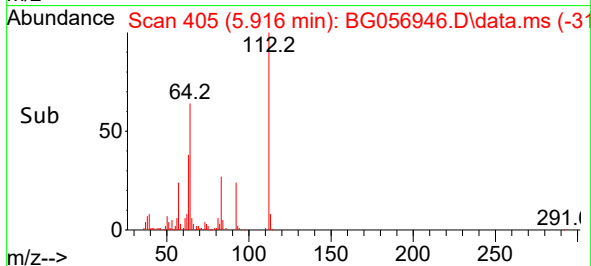
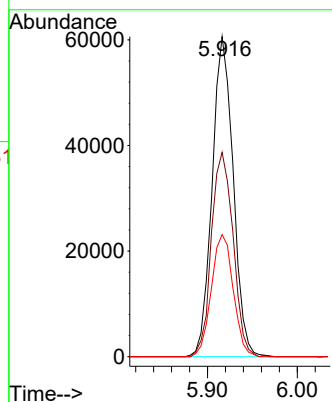
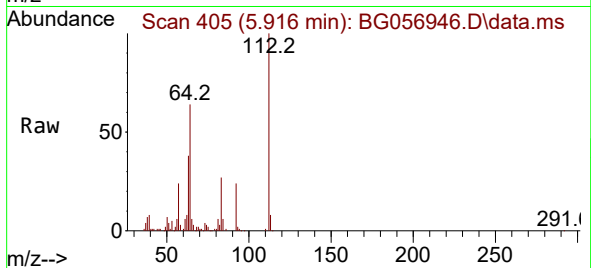




#5
2-Fluorophenol
Concen: 101.503 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

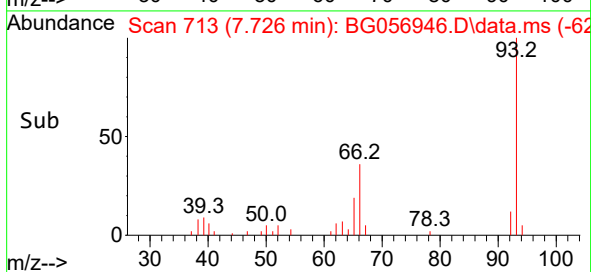
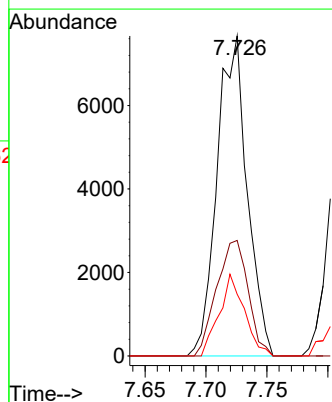
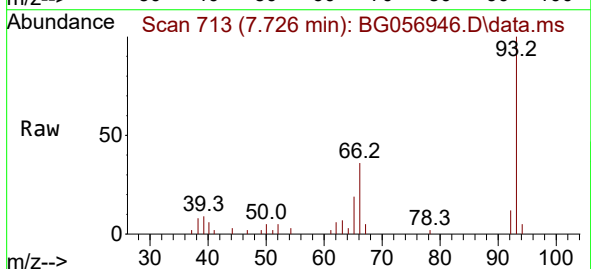
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

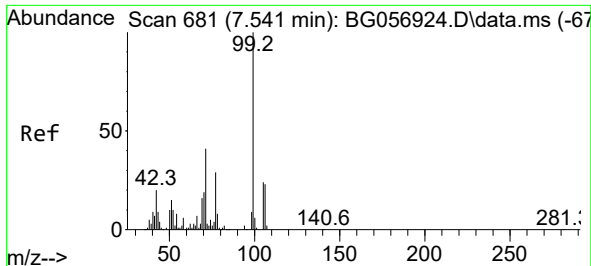
Tgt Ion:112 Resp: 98583
Ion Ratio Lower Upper
112 100
64 63.9 53.2 79.8
63 38.1 32.6 48.8



#6
Aniline
Concen: 7.087 ng
RT: 7.726 min Scan# 713
Delta R.T. 0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 93 Resp: 13161
Ion Ratio Lower Upper
93 100
66 36.1 31.4 47.0
65 19.3 17.3 25.9

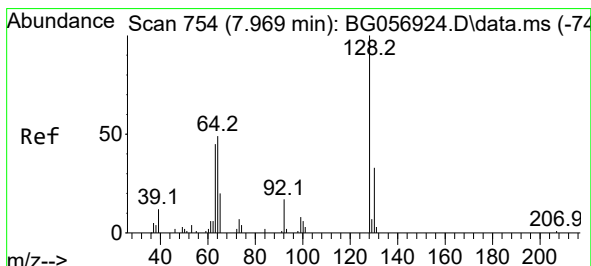
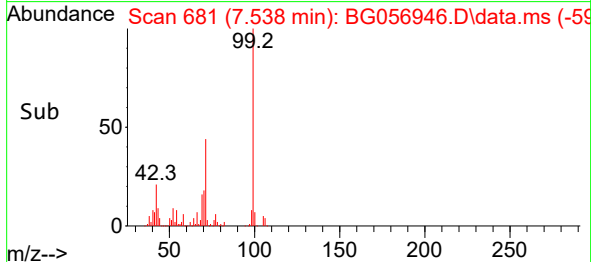
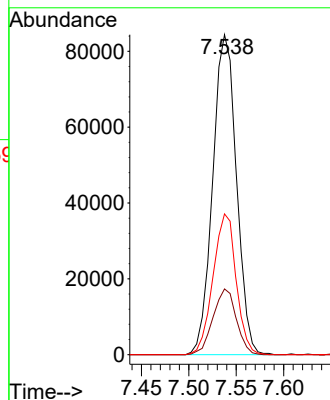
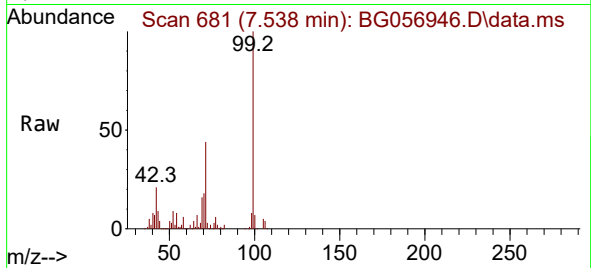




#7
Phenol-d6
Concen: 101.178 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

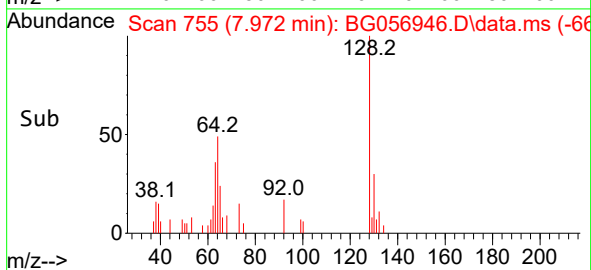
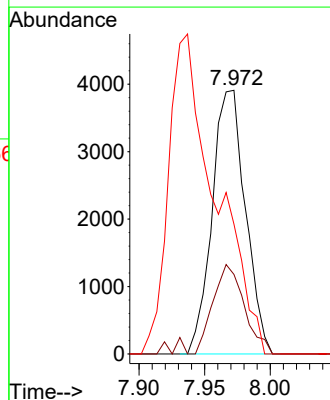
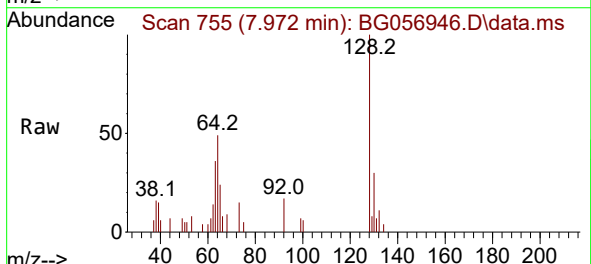
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 146971
Ion Ratio Lower Upper
99 100
42 20.5 15.7 23.5
71 44.0 32.5 48.7



#8
2-Chlorophenol
Concen: 7.142 ng
RT: 7.972 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 128 Resp: 6909
Ion Ratio Lower Upper
128 100
130 30.1 12.6 52.6
64 49.2 40.6 80.6

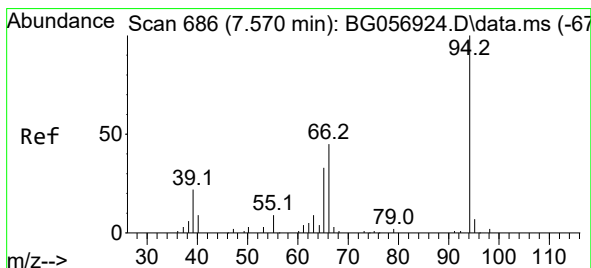
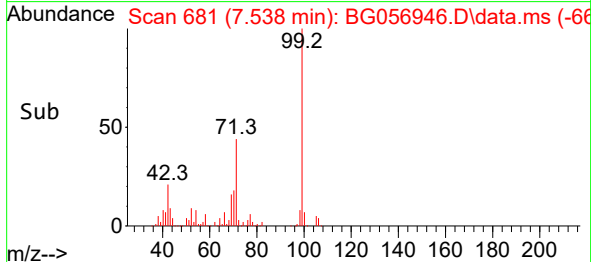
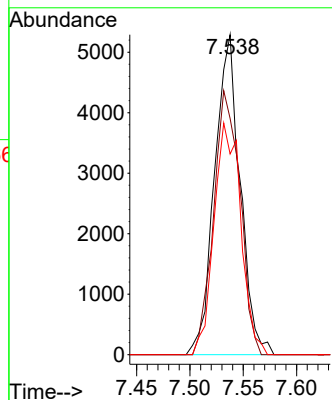
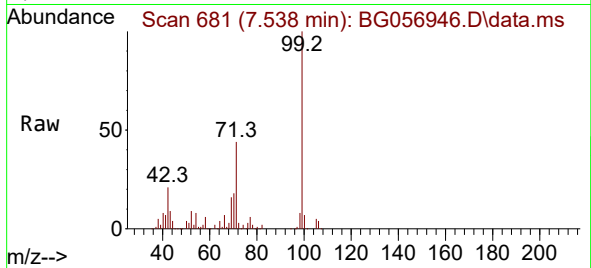




#9
Benzaldehyde
Concen: 9.653 ng
RT: 7.538 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

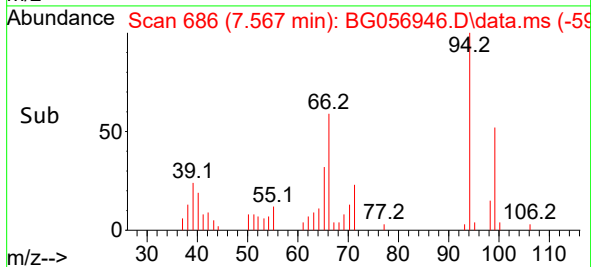
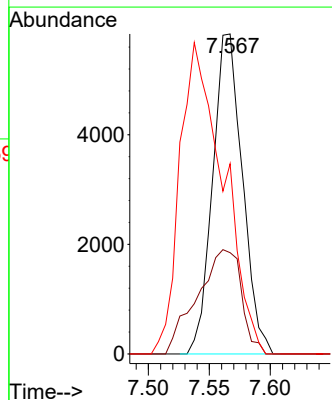
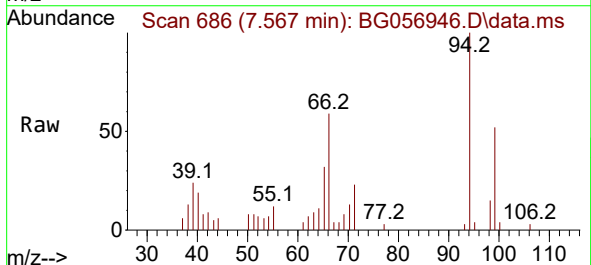
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

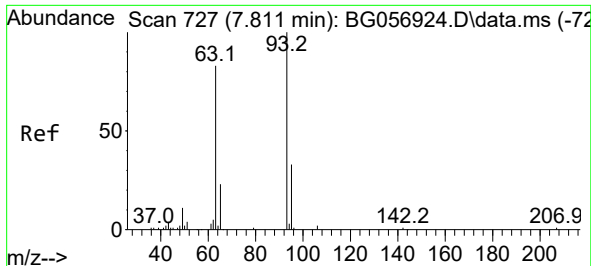
Tgt Ion: 77 Resp: 8795
Ion Ratio Lower Upper
77 100
105 73.8 73.6 113.6
106 62.7 56.7 96.7



#10
Phenol
Concen: 6.895 ng
RT: 7.567 min Scan# 686
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 94 Resp: 9924
Ion Ratio Lower Upper
94 100
65 31.6 13.3 53.3
66 59.4 26.7 66.7

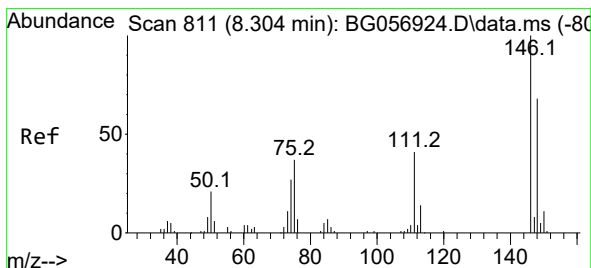
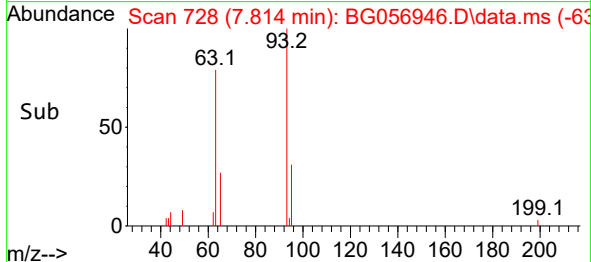
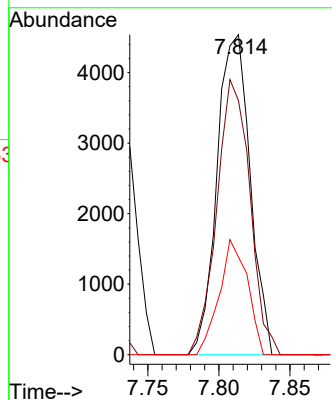
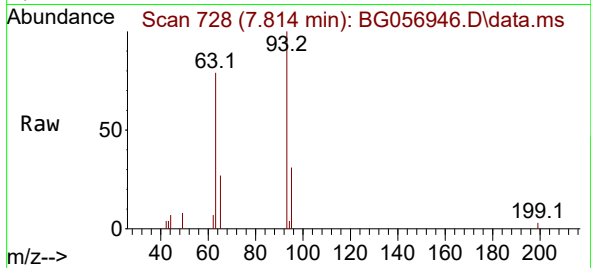




#11
bis(2-Chloroethyl)ether
Concen: 7.160 ng
RT: 7.814 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

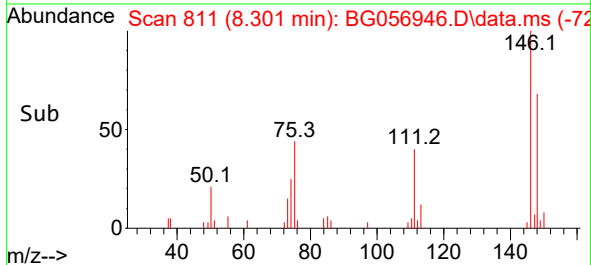
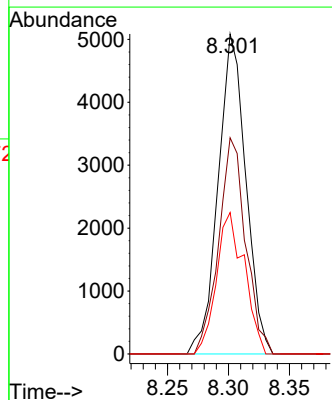
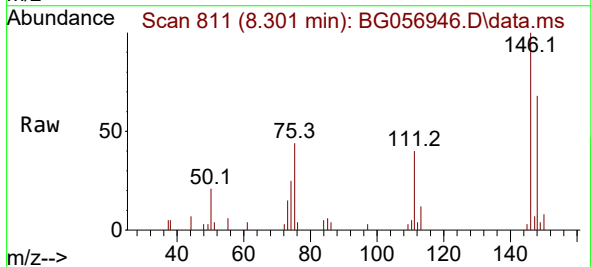
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 93 Resp: 7341
Ion Ratio Lower Upper
93 100
63 79.4 62.7 102.7
95 30.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 7.516 ng
RT: 8.301 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:146 Resp: 8034
Ion Ratio Lower Upper
146 100
148 67.5 54.2 81.4
75 44.2 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 7.447 ng

RT: 8.301 min Scan# 811

Delta R.T. -0.150 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

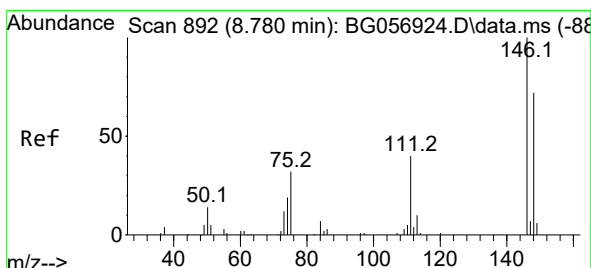
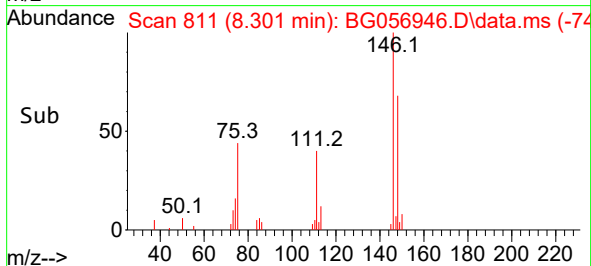
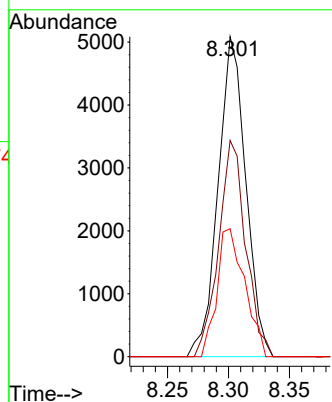
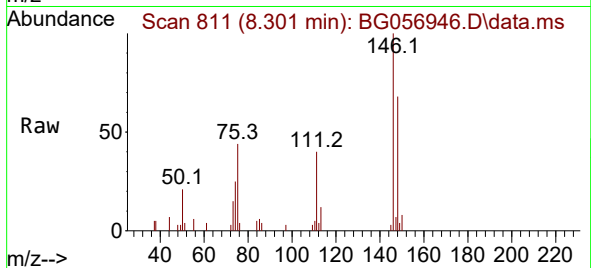
Tgt Ion:146 Resp: 8034

Ion Ratio Lower Upper

146 100

148 67.5 54.8 82.2

111 40.0 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 7.384 ng

RT: 8.777 min Scan# 892

Delta R.T. -0.003 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

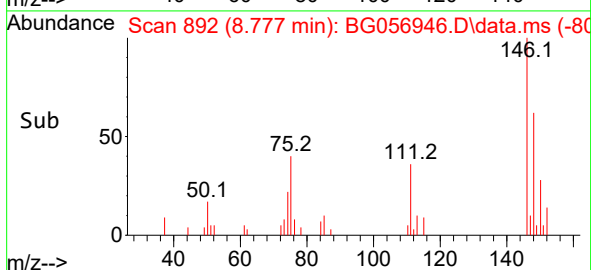
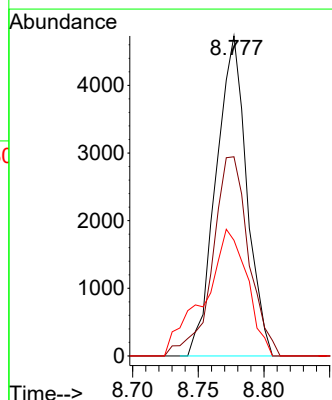
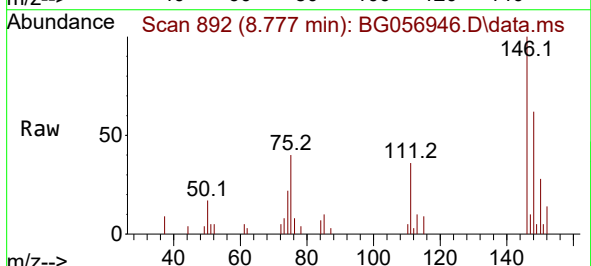
Tgt Ion:146 Resp: 7696

Ion Ratio Lower Upper

146 100

148 62.3 57.4 86.0

111 36.2 33.2 49.8

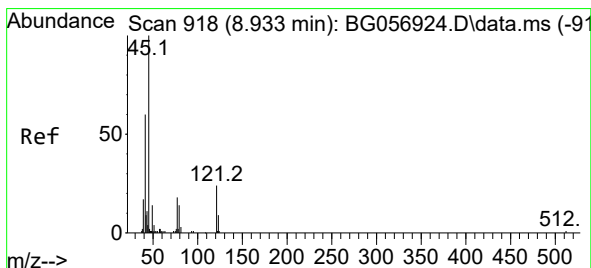
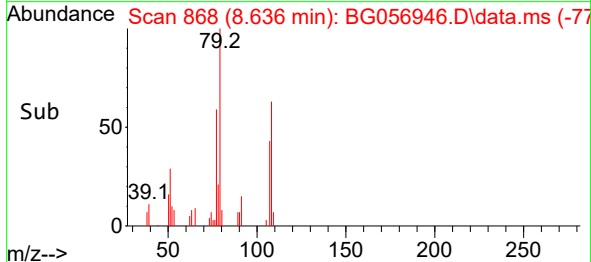
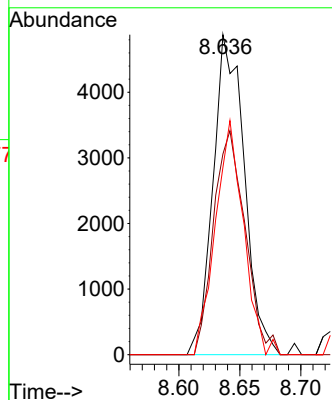
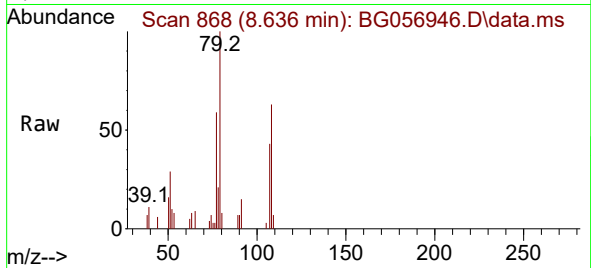




#15
Benzyl Alcohol
Concen: 7.176 ng
RT: 8.636 min Scan# 869
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

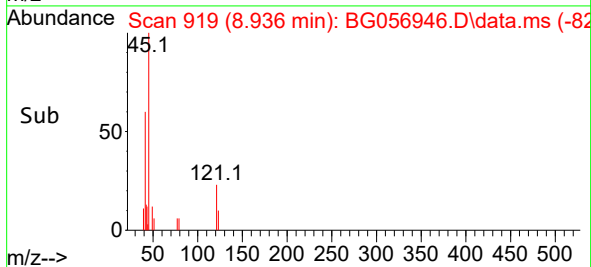
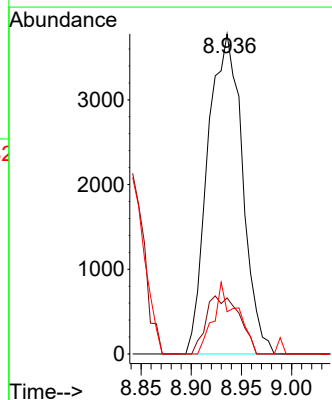
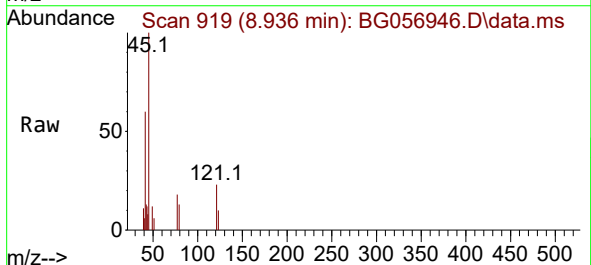
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 79	Resp: 8661
Ion Ratio	Lower Upper
79	100
108	62.7 51.2 76.8
77	58.6 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.323 ng
RT: 8.936 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 45	Resp: 9049
Ion Ratio	Lower Upper
45	100
77	17.5 0.0 38.7
79	13.2 0.0 35.1





#17

2-Methylphenol

Concen: 6.708 ng

RT: 8.836 min Scan# 903

Delta R.T. -0.009 min

Lab File: BG056946.D

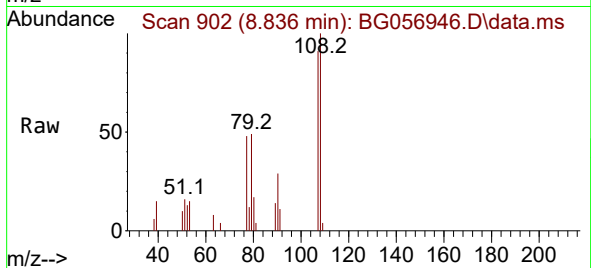
Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:107 Resp: 6888

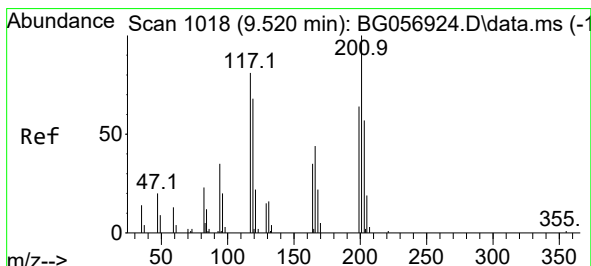
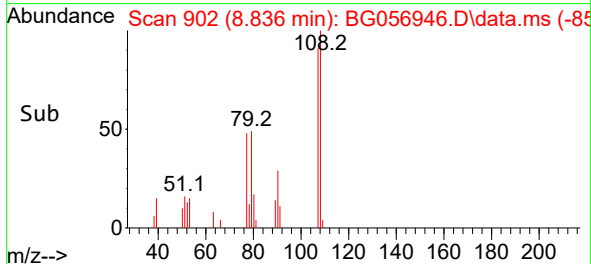
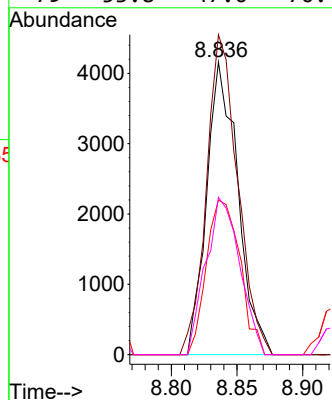
Ion Ratio Lower Upper

107 100

108 109.4 96.0 144.0

77 52.9 45.6 68.4

79 53.8 47.0 70.4



#18

Hexachloroethane

Concen: 6.746 ng

RT: 9.517 min Scan# 1018

Delta R.T. -0.003 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

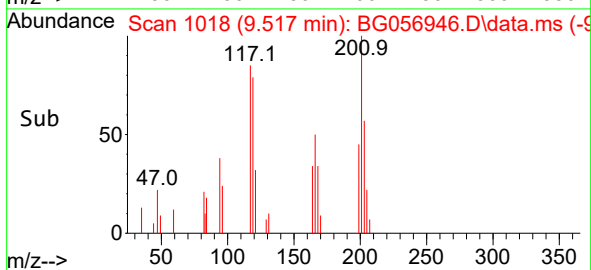
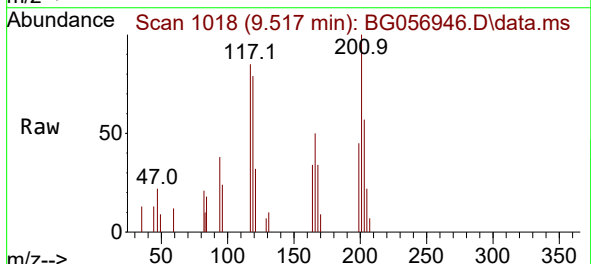
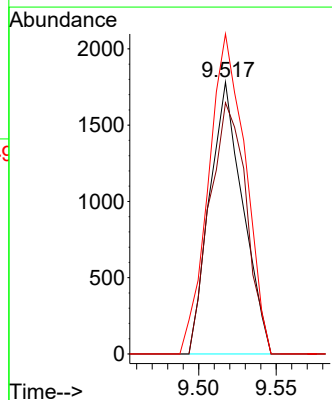
Tgt Ion:117 Resp: 2660

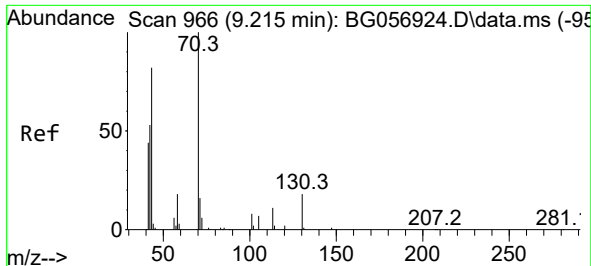
Ion Ratio Lower Upper

117 100

119 92.4 67.0 100.6

201 117.7 98.7 148.1

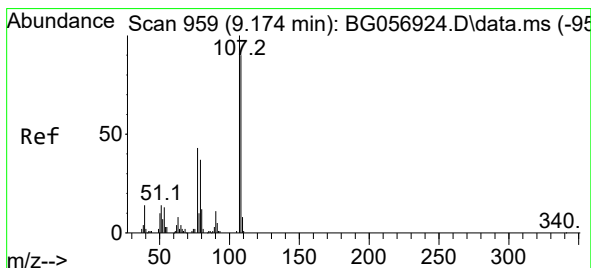
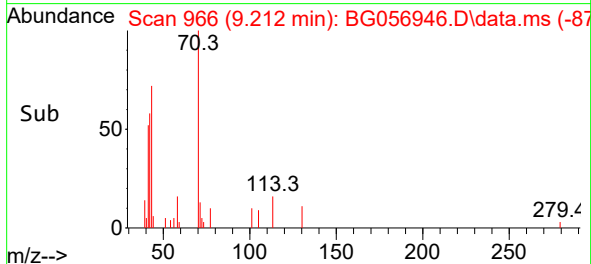
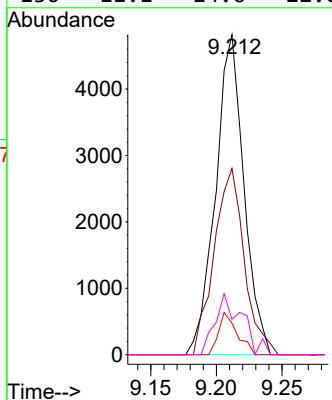
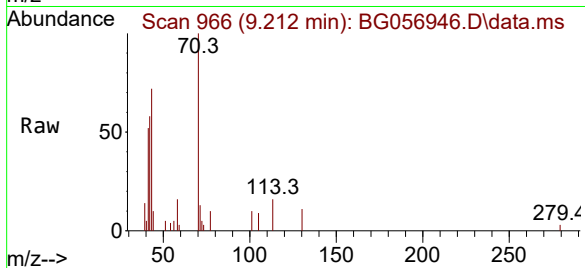




#19
n-Nitroso-di-n-propylamine
Concen: 6.964 ng
RT: 9.212 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

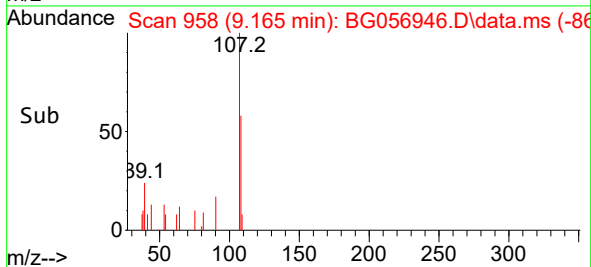
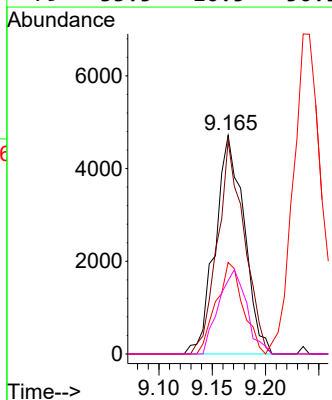
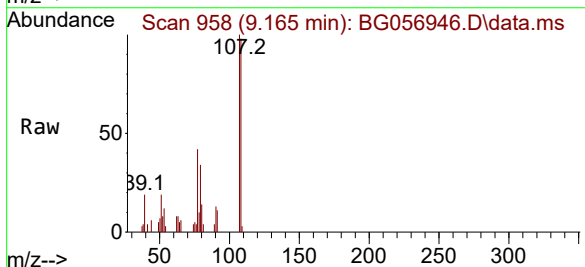
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

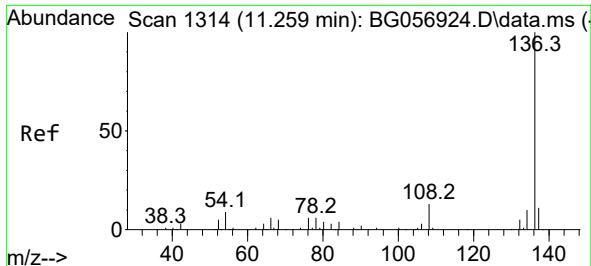
Tgt Ion:	70	Resp:	7236
Ion	Ratio	Lower	Upper
70	100		
42	58.2	43.4	65.0
101	9.8	6.2	9.2#
130	11.1	14.6	22.0#



#20
3+4-Methylphenols
Concen: 6.187 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:	107	Resp:	8884
Ion	Ratio	Lower	Upper
107	100		
108	97.6	69.9	109.9
77	41.9	22.7	62.7
79	33.5	16.5	56.5

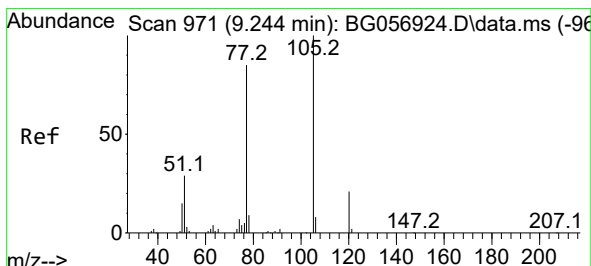
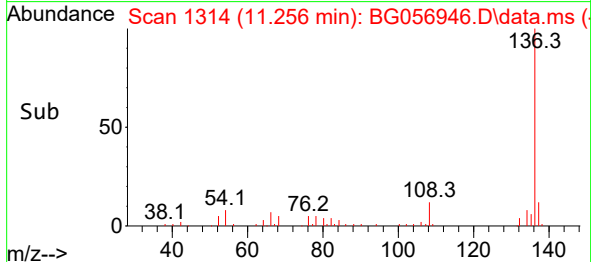
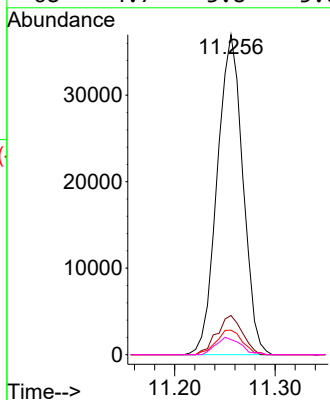
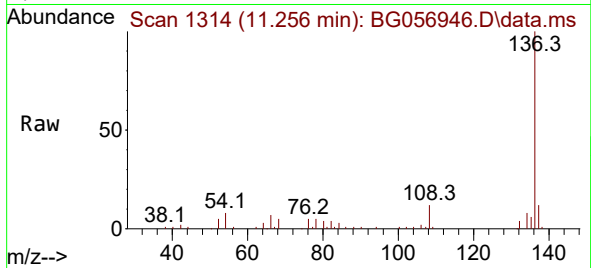




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

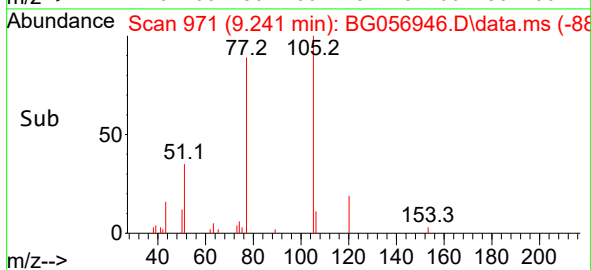
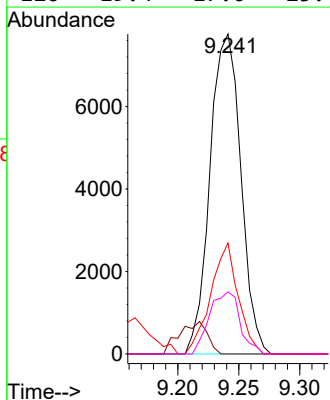
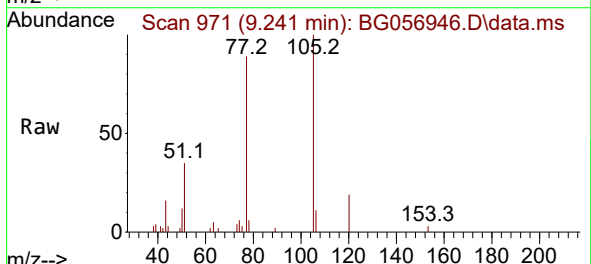
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

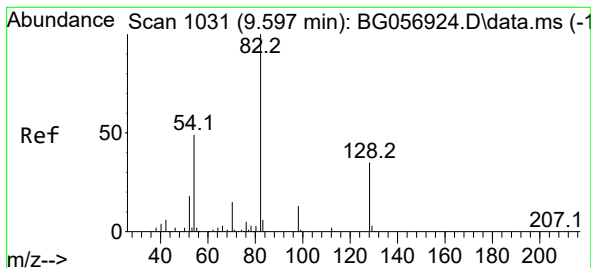
Tgt Ion:136	Resp:	65444
Ion Ratio	Lower	Upper
136	100	
137	12.3	8.6 13.0
54	7.6	6.9 10.3
68	4.7	3.8 5.6



#22
Acetophenone
Concen: 7.025 ng
RT: 9.241 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:105	Resp:	13680
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.7 1.1#
51	34.7	23.8 35.8
120	19.4	17.0 25.4





#23

Nitrobenzene-d5

Concen: 75.367 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.009 min

Lab File: BG056946.D

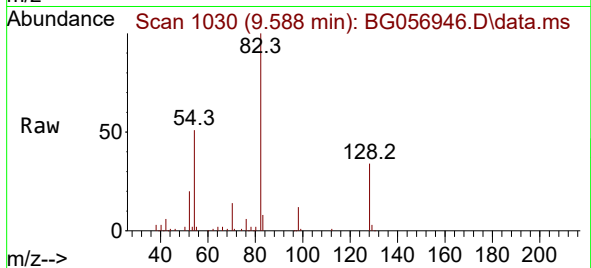
Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



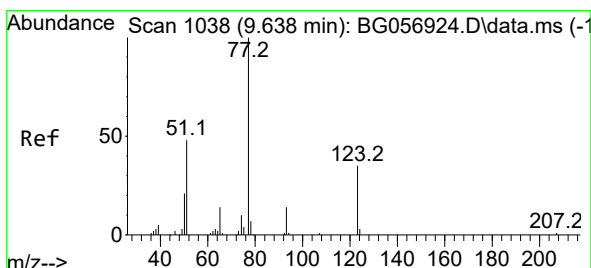
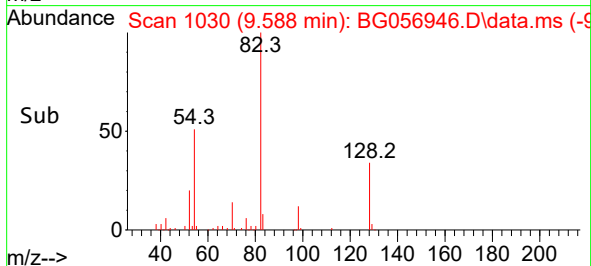
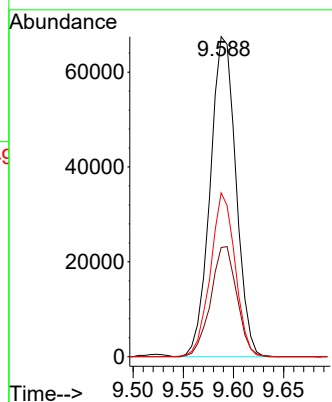
Tgt Ion: 82 Resp: 120543

Ion Ratio Lower Upper

82 100

128 34.1 27.9 41.9

54 51.2 39.4 59.2



#24

Nitrobenzene

Concen: 6.818 ng

RT: 9.635 min Scan# 1038

Delta R.T. -0.003 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

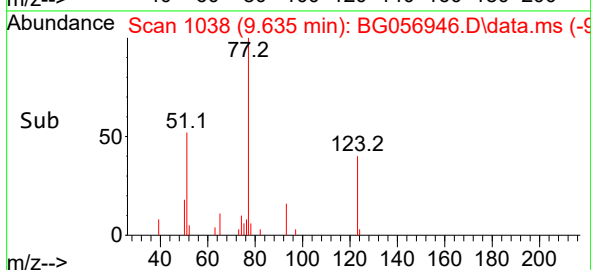
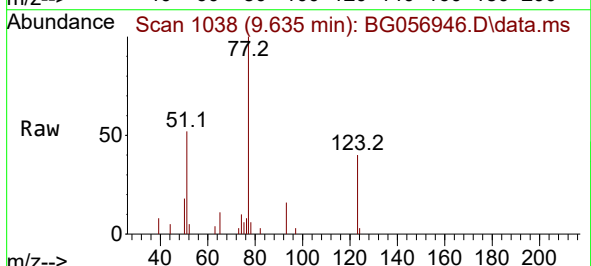
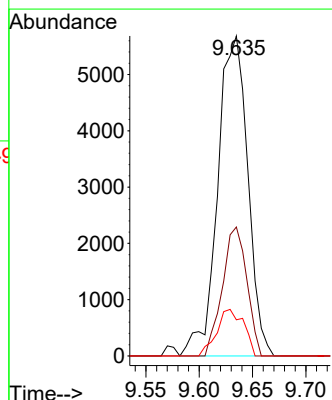
Tgt Ion: 77 Resp: 11149

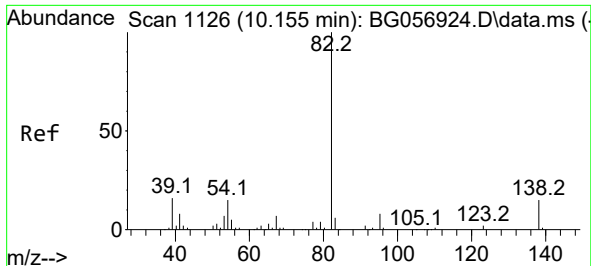
Ion Ratio Lower Upper

77 100

123 40.3 27.6 41.4

65 11.3 11.5 17.3#

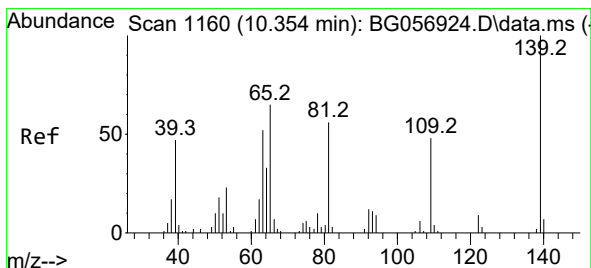
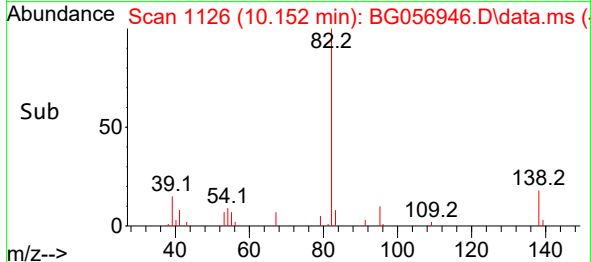
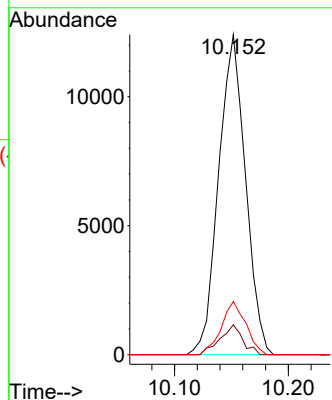
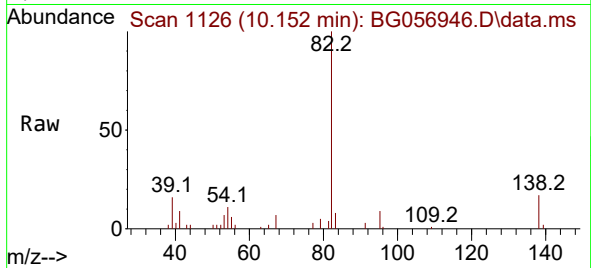




#25
Isophorone
Concen: 6.687 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

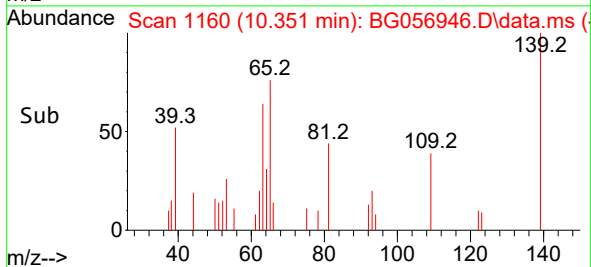
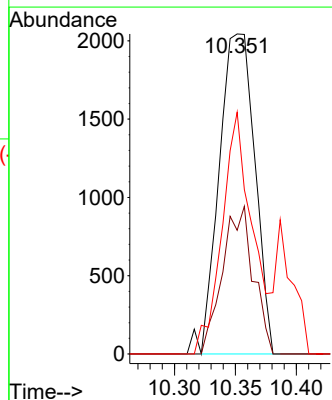
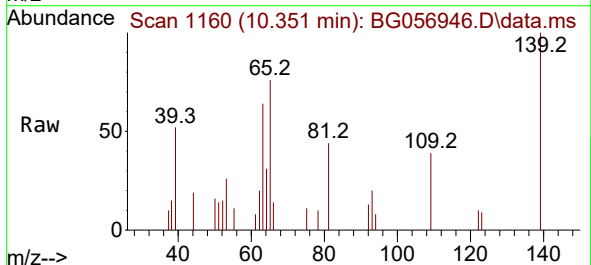
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

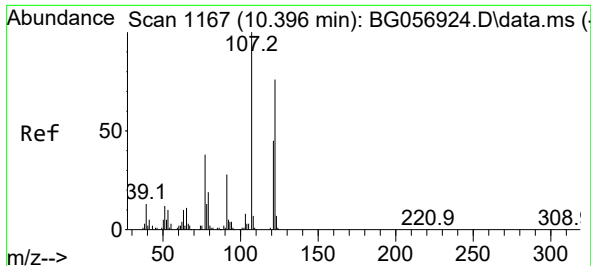
Tgt Ion: 82 Resp: 20367
Ion Ratio Lower Upper
82 100
95 9.4 6.3 9.5
138 16.6 11.8 17.8



#26
2-Nitrophenol
Concen: 6.646 ng
RT: 10.351 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:139 Resp: 4195
Ion Ratio Lower Upper
139 100
109 38.6 38.2 57.4
65 75.5 51.8 77.8

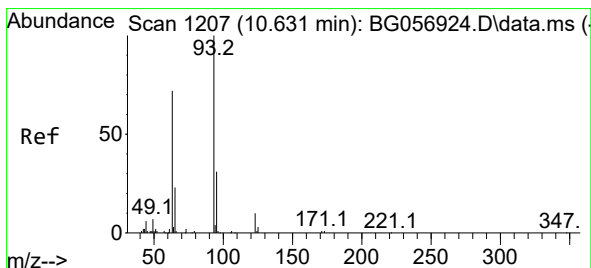
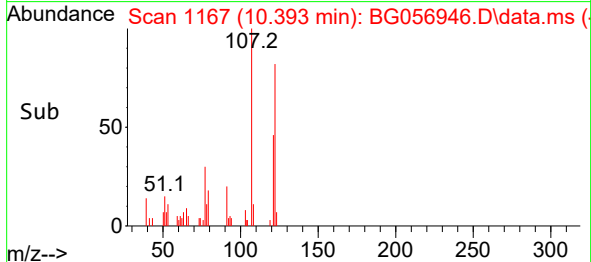
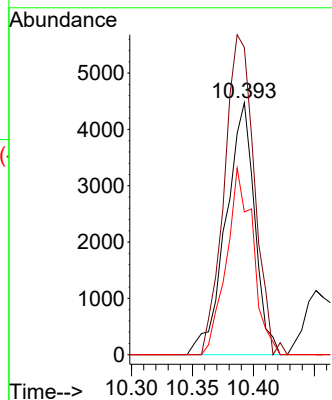
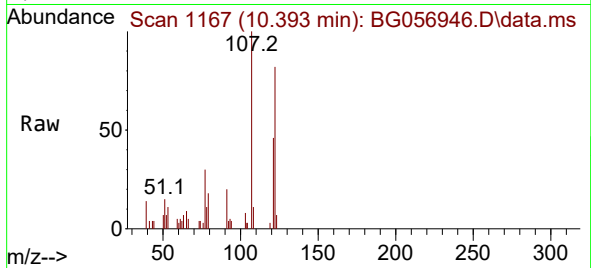




#27
2,4-Dimethylphenol
Concen: 6.580 ng
RT: 10.393 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

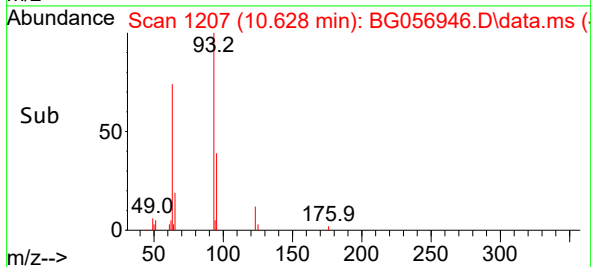
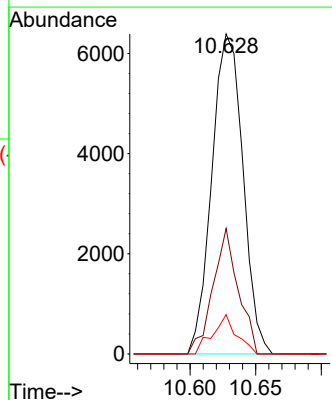
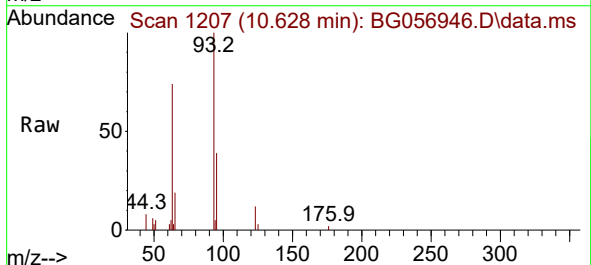
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

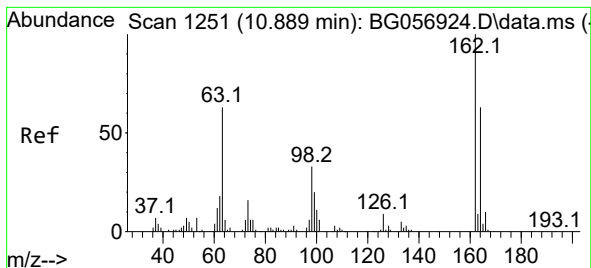
Tgt Ion:122 Resp: 7333
Ion Ratio Lower Upper
122 100
107 121.9 105.7 158.5
121 56.7 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 6.898 ng
RT: 10.628 min Scan# 1207
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 93 Resp: 10518
Ion Ratio Lower Upper
93 100
95 39.2 24.6 37.0#
123 12.3 7.8 11.6#





#29

2,4-Dichlorophenol

Concen: 6.649 ng

RT: 10.880 min Scan# 1250

Delta R.T. -0.009 min

Lab File: BG056946.D

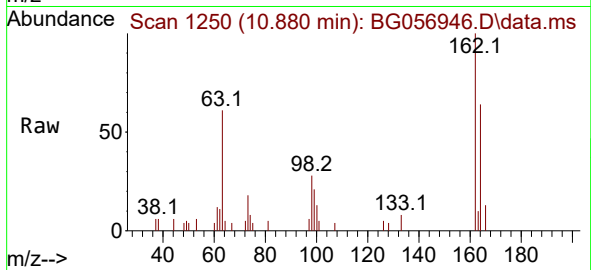
Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



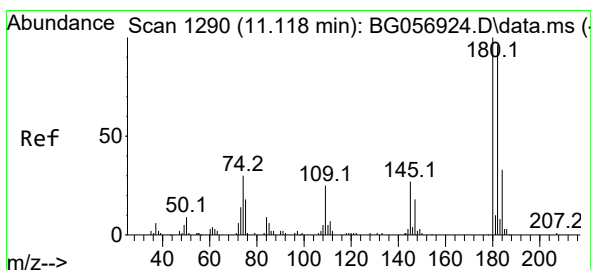
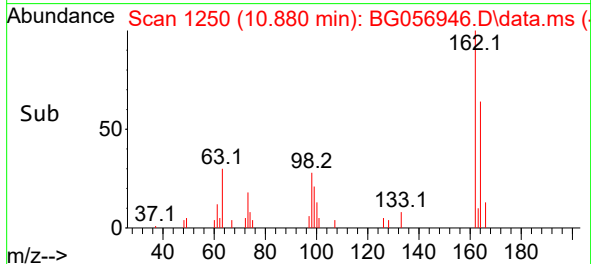
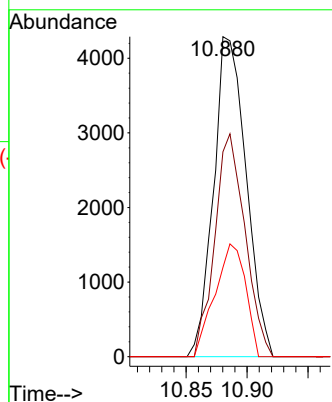
Tgt Ion:162 Resp: 7969

Ion Ratio Lower Upper

162 100

164 64.0 43.4 83.4

98 27.9 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 7.207 ng

RT: 11.109 min Scan# 1289

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

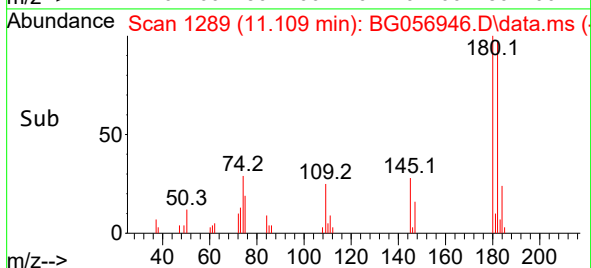
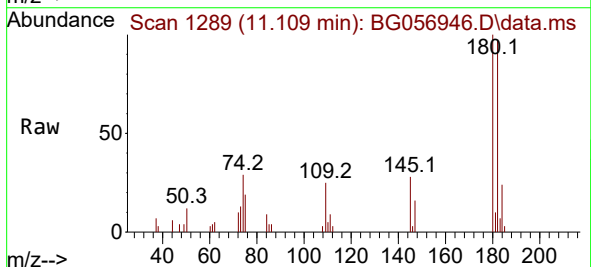
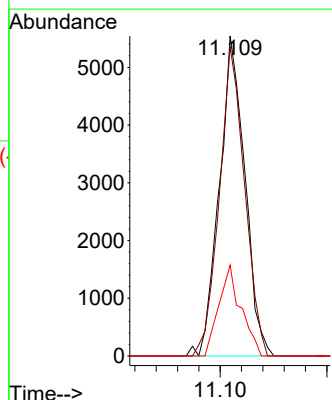
Tgt Ion:180 Resp: 9178

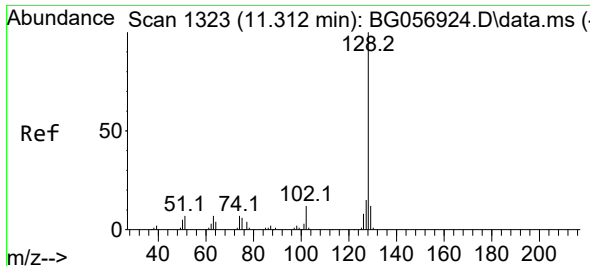
Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

145 28.4 21.3 31.9

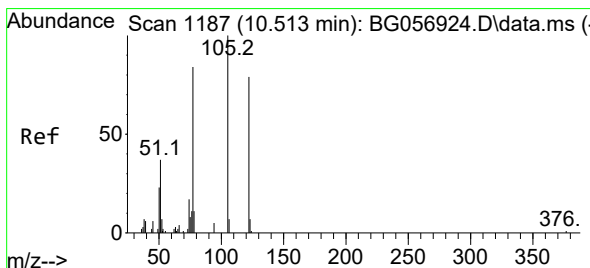
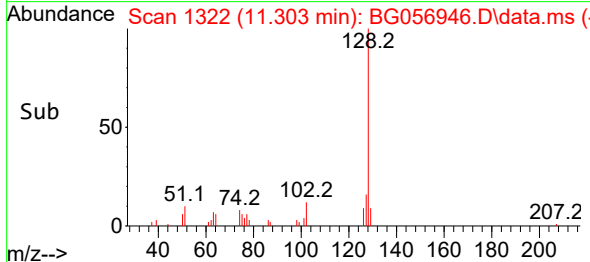
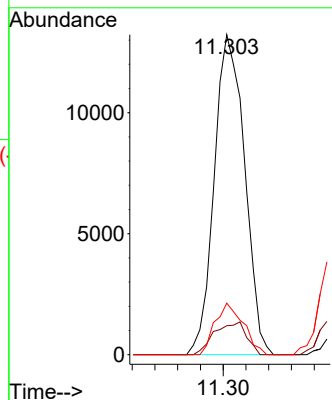
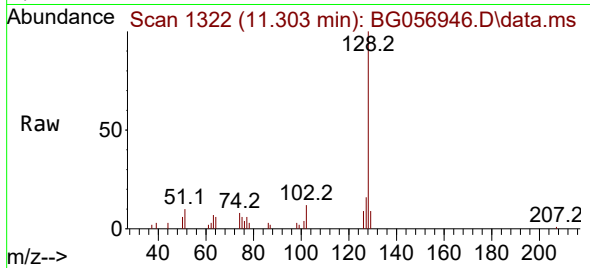




#31
Naphthalene
Concen: 6.869 ng
RT: 11.303 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

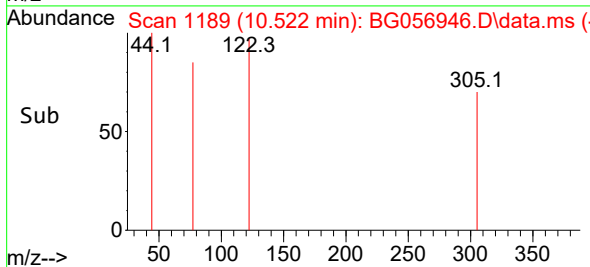
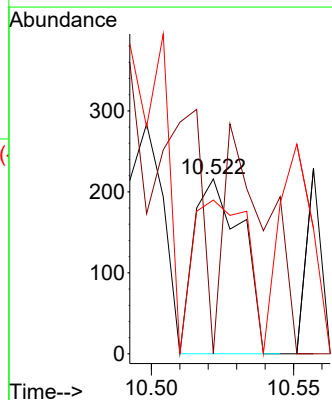
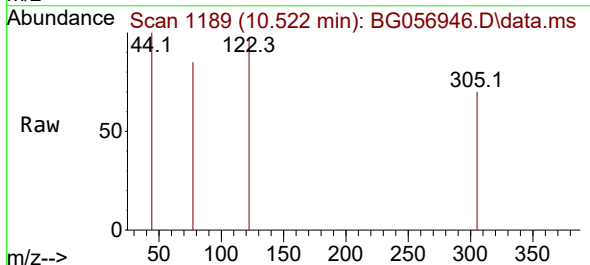
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

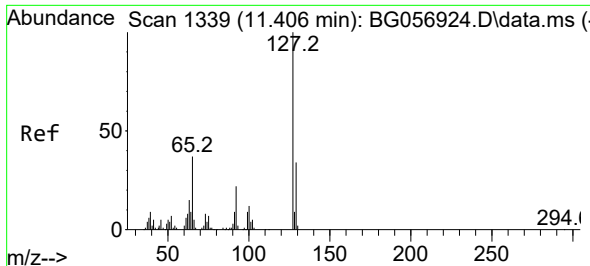
Tgt Ion:128 Resp: 24501
Ion Ratio Lower Upper
128 100
129 9.1 9.4 14.2#
127 16.1 12.2 18.4



#32
Benzoic acid
Concen: 0.329 ng
RT: 10.522 min Scan# 1189
Delta R.T. 0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:122 Resp: 252
Ion Ratio Lower Upper
122 100
105 0.0 105.4 145.4#
77 88.0 87.4 127.4

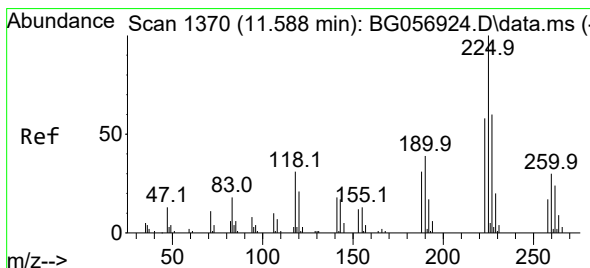
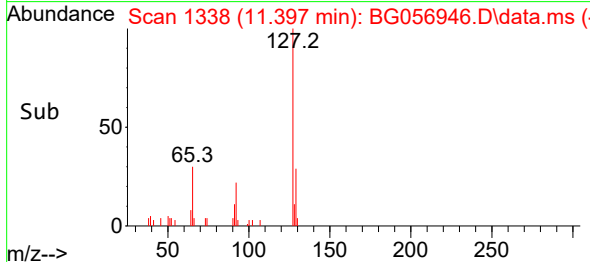
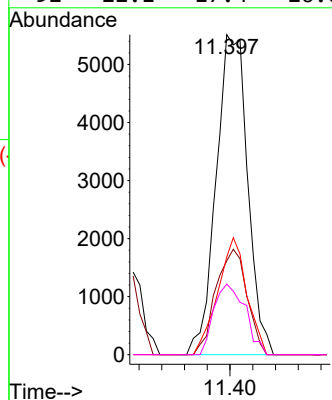
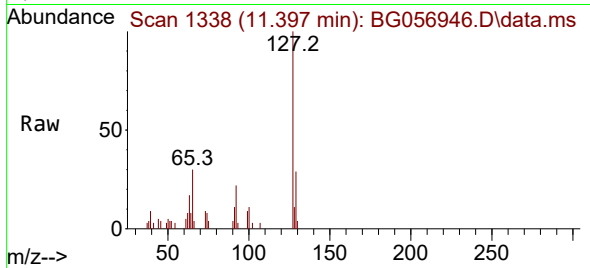




#33
4-Chloroaniline
Concen: 6.571 ng
RT: 11.397 min Scan# 1138
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

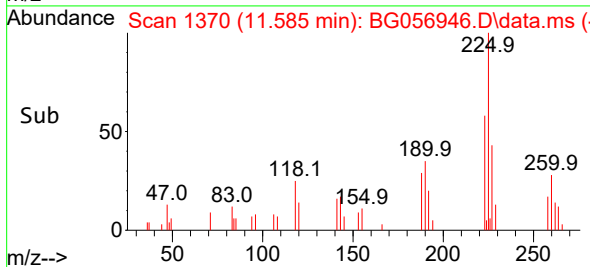
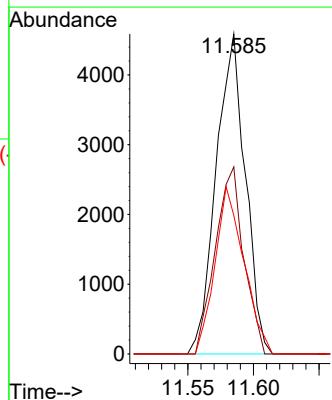
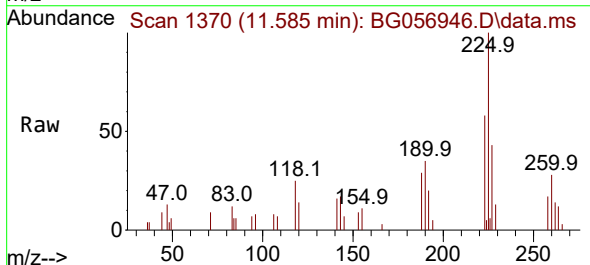
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

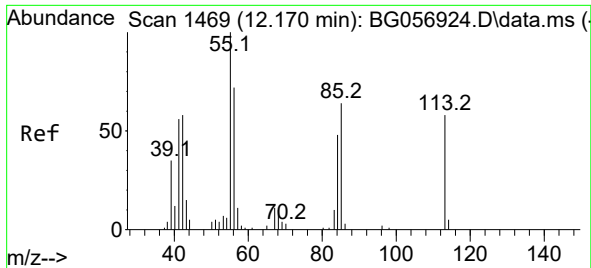
Tgt Ion:	127	Resp:	10586
Ion	Ratio	Lower	Upper
127	100		
129	29.3	27.6	41.4
65	30.5	29.8	44.8
92	22.1	17.4	26.0



#34
Hexachlorobutadiene
Concen: 7.414 ng
RT: 11.585 min Scan# 1370
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:	225	Resp:	7092
Ion	Ratio	Lower	Upper
225	100		
223	58.5	46.4	69.6
227	43.3	48.0	72.0#

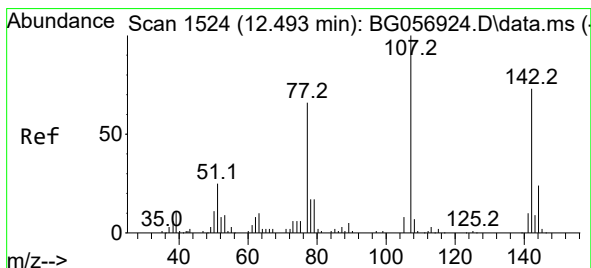
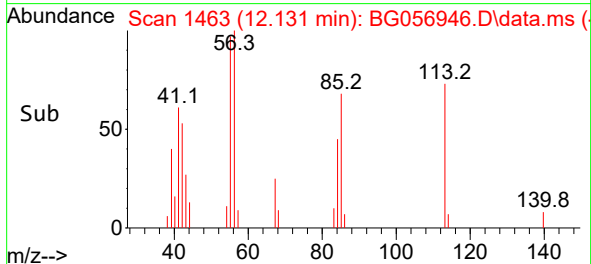
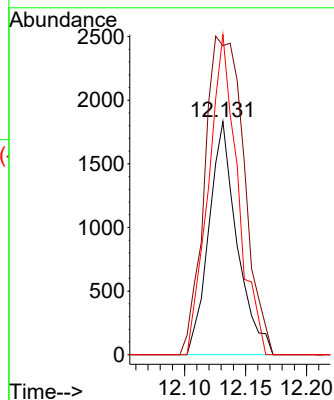
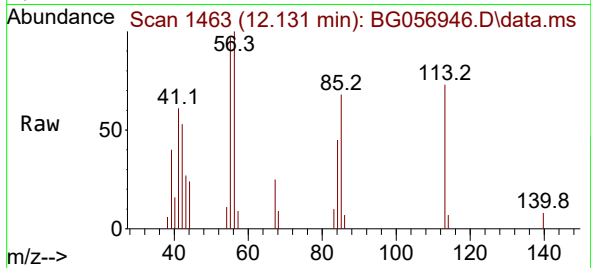




#35
 Caprolactam
 Concen: 7.113 ng
 RT: 12.131 min Scan# 1463
 Delta R.T. -0.038 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

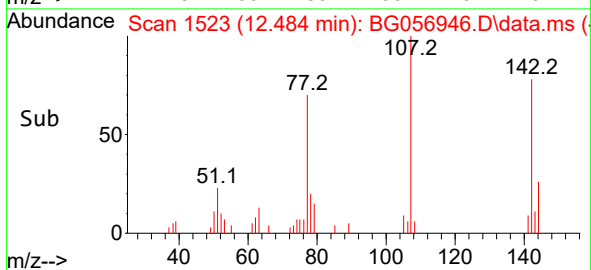
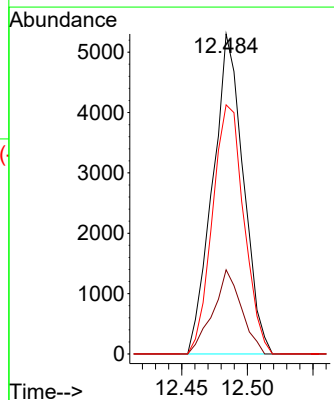
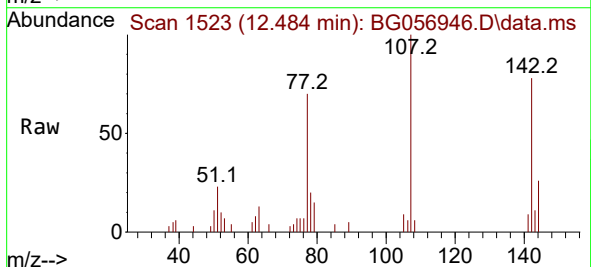
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

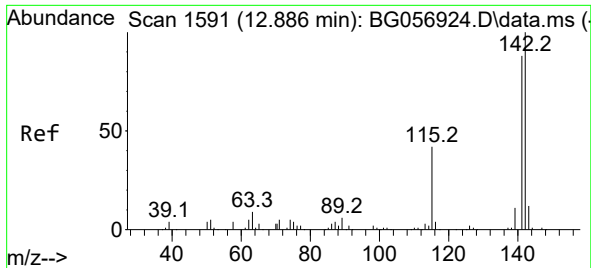
Tgt Ion:113 Resp: 2940
 Ion Ratio Lower Upper
 113 100
 55 132.5 151.6 191.6#
 56 137.3 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 6.430 ng
 RT: 12.484 min Scan# 1523
 Delta R.T. -0.009 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

Tgt Ion:107 Resp: 8618
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.0 28.4
 142 77.8 58.6 88.0

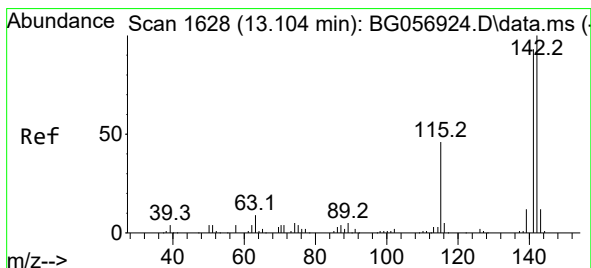
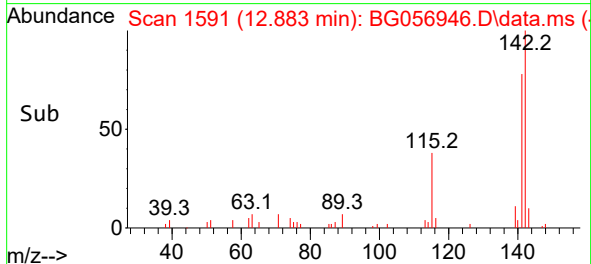
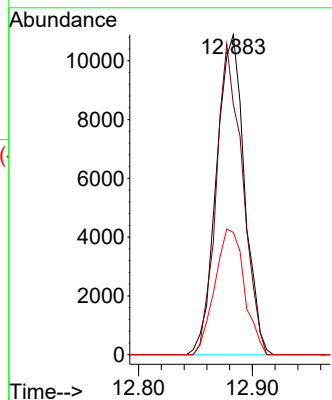
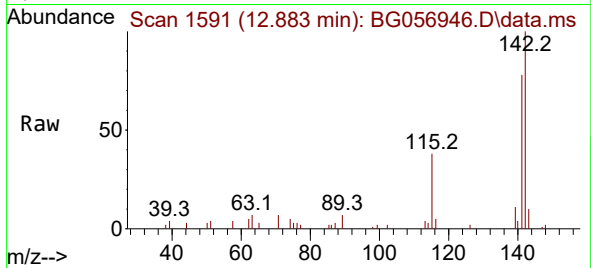




#37
2-Methylnaphthalene
Concen: 6.571 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

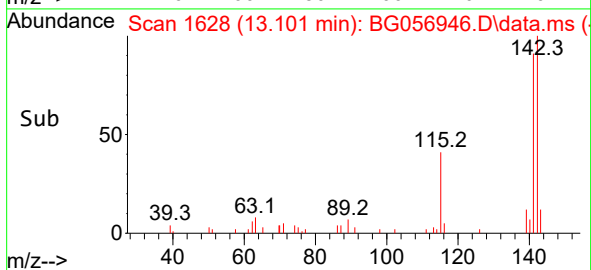
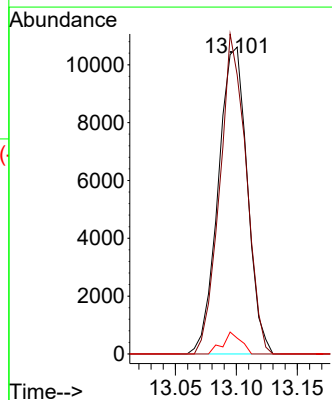
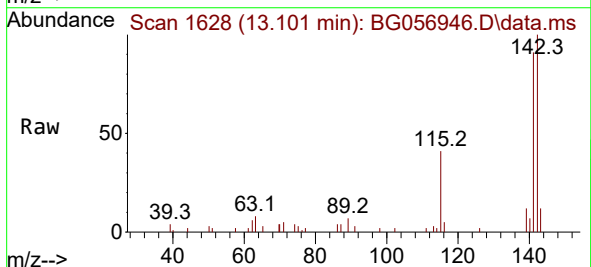
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:142 Resp: 18603
Ion Ratio Lower Upper
142 100
141 78.1 70.3 105.5
115 38.2 33.5 50.3



#38
1-Methylnaphthalene
Concen: 6.609 ng
RT: 13.101 min Scan# 1628
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:142 Resp: 17570
Ion Ratio Lower Upper
142 100
141 91.0 74.0 111.0
116 5.2 3.7 5.5

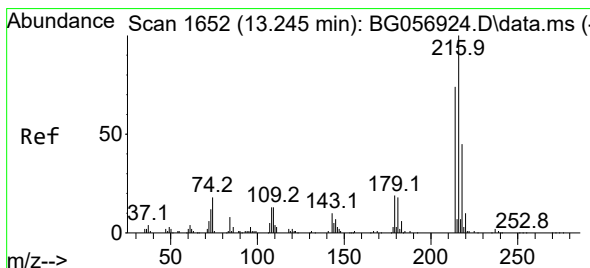
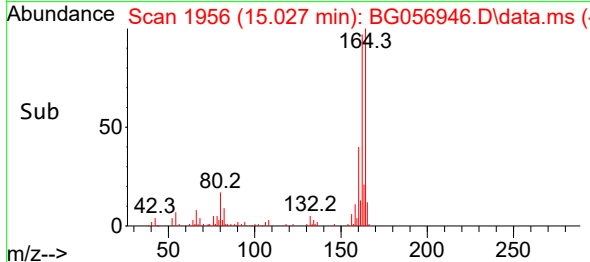
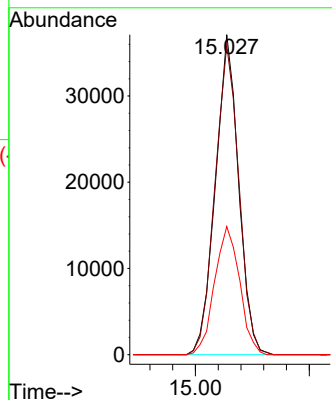
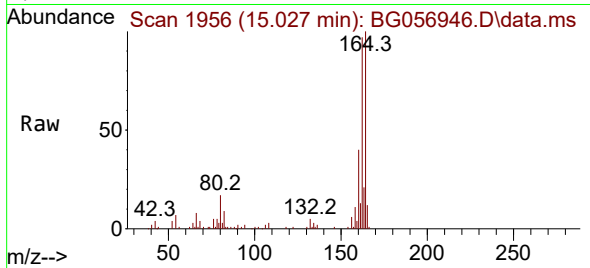




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.027 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

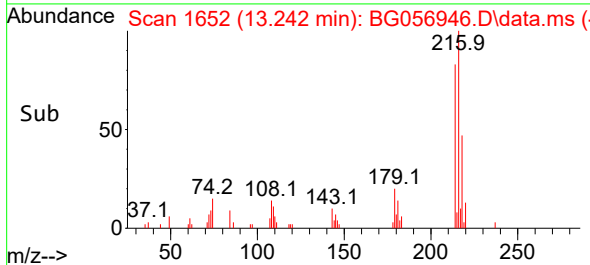
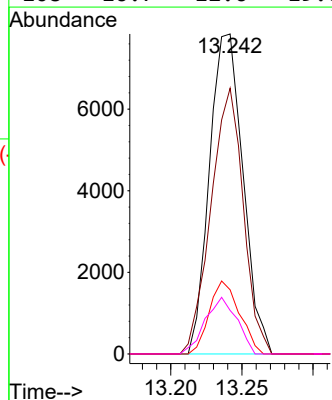
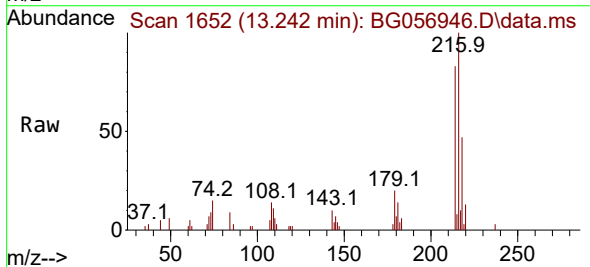
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

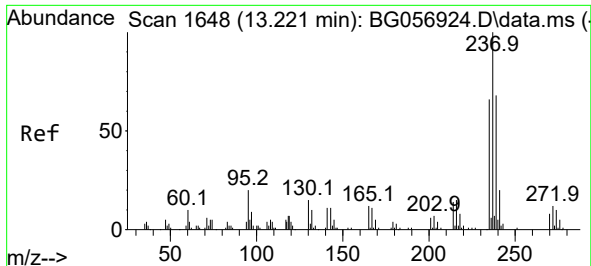
Tgt Ion:164 Resp: 52562
Ion Ratio Lower Upper
164 100
162 96.8 77.8 116.8
160 40.1 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.045 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

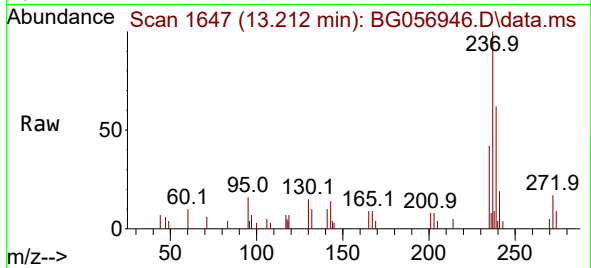
Tgt Ion:216 Resp: 12841
Ion Ratio Lower Upper
216 100
214 80.2 63.3 94.9
179 20.5 15.0 22.6
108 16.7 12.6 19.0



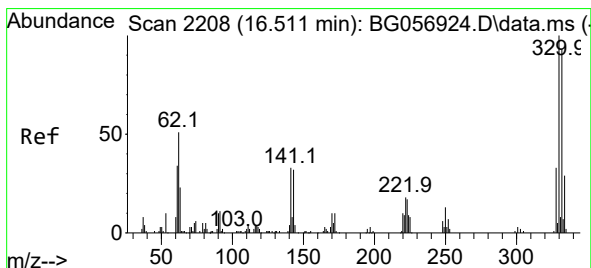
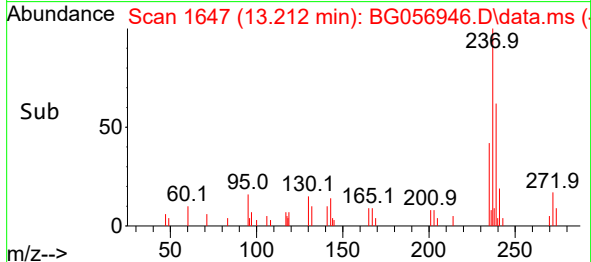
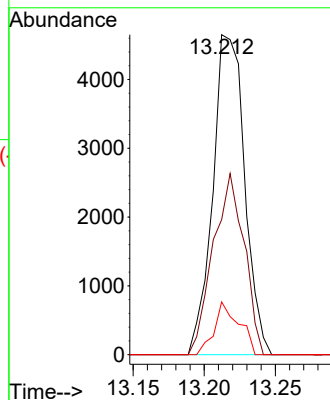


#41
Hexachlorocyclopentadiene
Concen: 7.210 ng
RT: 13.212 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

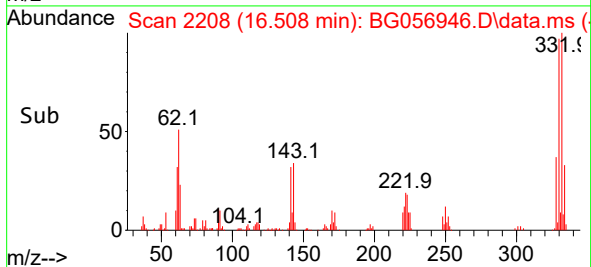
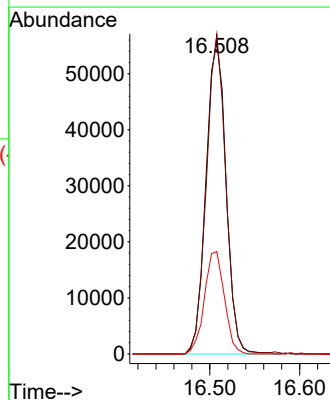
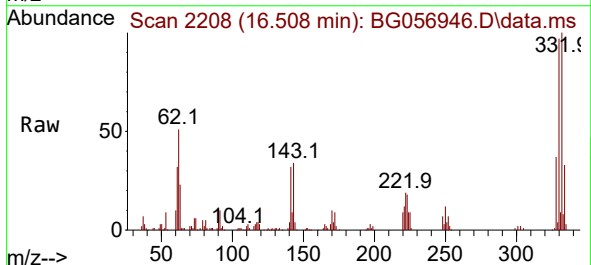


Tgt Ion:237 Resp: 7241
Ion Ratio Lower Upper
237 100
235 42.2 45.9 85.9#
272 16.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 102.942 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:330 Resp: 86440
Ion Ratio Lower Upper
330 100
332 98.9 76.1 114.1
141 32.6 25.8 38.6

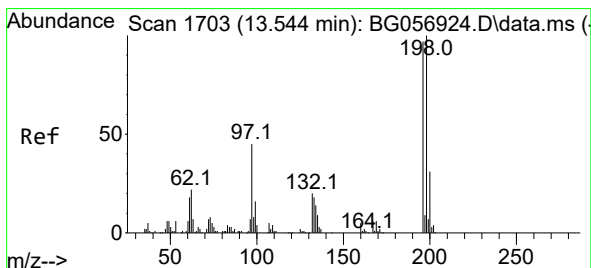
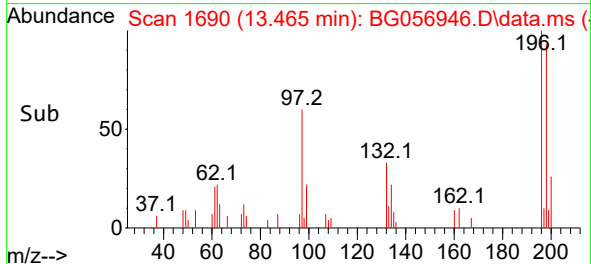
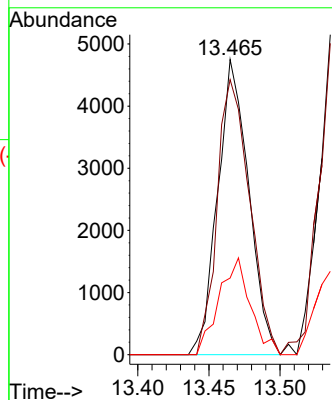
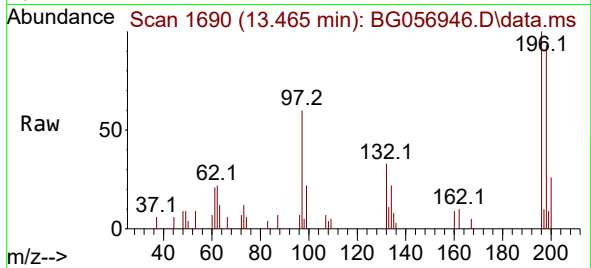




#43
2,4,6-Trichlorophenol
Concen: 6.200 ng
RT: 13.465 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

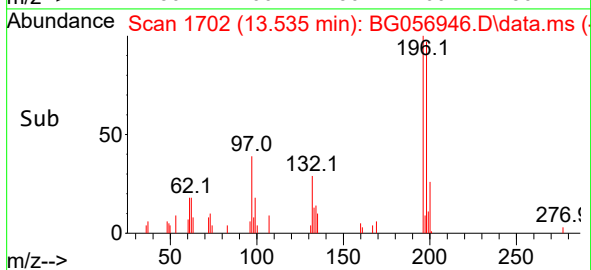
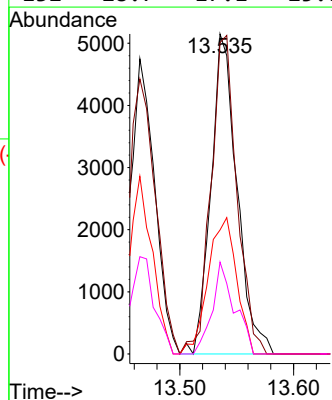
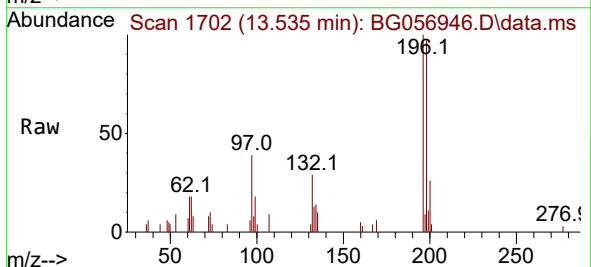
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

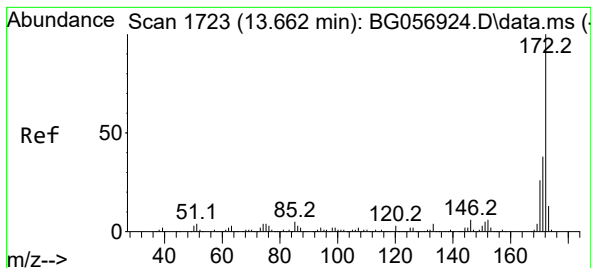
Tgt Ion:196 Resp: 7211
Ion Ratio Lower Upper
196 100
198 93.1 79.1 118.7
200 25.9 27.2 40.8#



#44
2,4,5-Trichlorophenol
Concen: 5.952 ng
RT: 13.535 min Scan# 1702
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:196 Resp: 8201
Ion Ratio Lower Upper
196 100
198 97.3 82.5 123.7
97 38.8 37.0 55.6
132 28.7 17.1 25.7#





#45

2-Fluorobiphenyl

Concen: 74.559 ng

RT: 13.653 min Scan# 1722

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

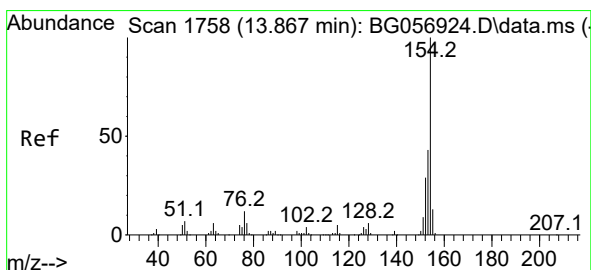
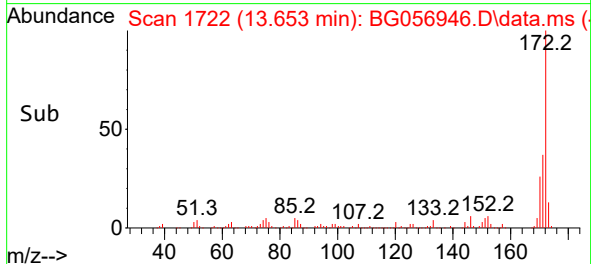
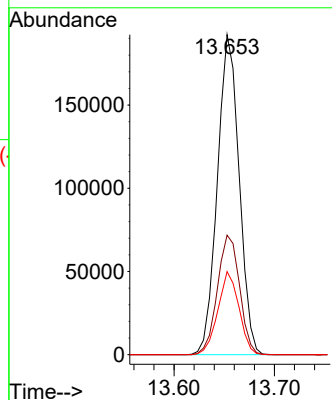
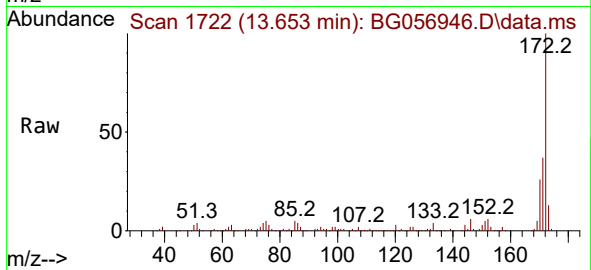
Tgt Ion:172 Resp: 289008

Ion Ratio Lower Upper

172 100

171 37.3 30.6 46.0

170 26.0 20.6 30.8



#46

1,1'-Biphenyl

Concen: 7.311 ng

RT: 13.864 min Scan# 1758

Delta R.T. -0.003 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

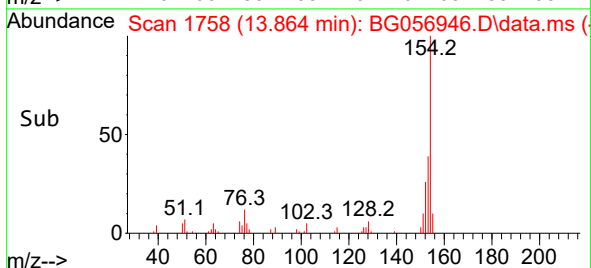
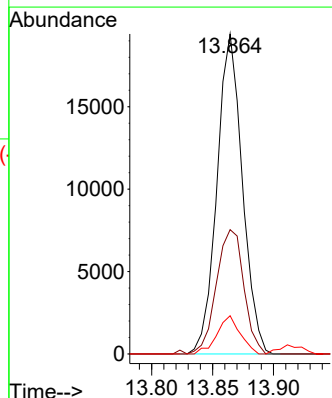
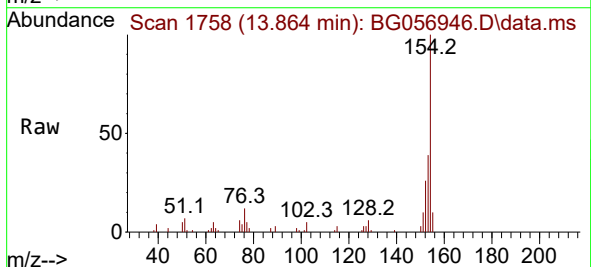
Tgt Ion:154 Resp: 28131

Ion Ratio Lower Upper

154 100

153 38.8 23.4 63.4

76 12.0 0.0 31.6

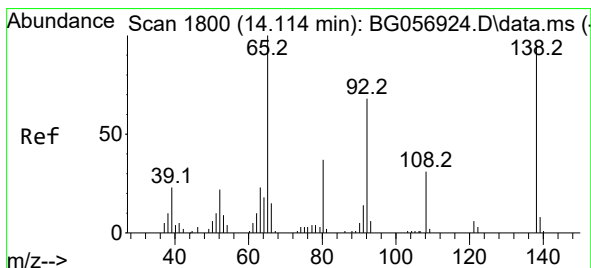
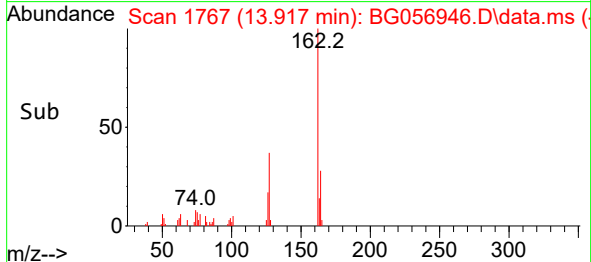
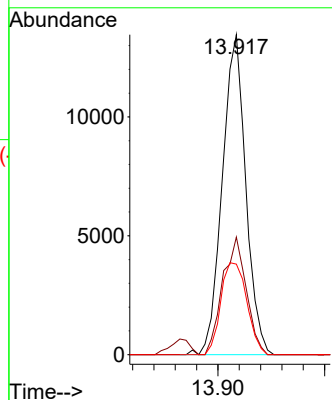
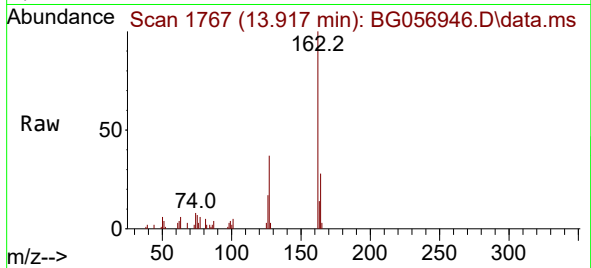




#47
2-Chloronaphthalene
Concen: 7.218 ng
RT: 13.917 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

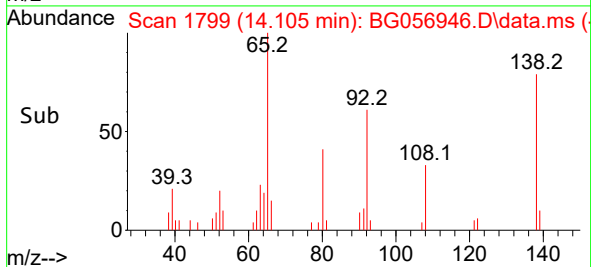
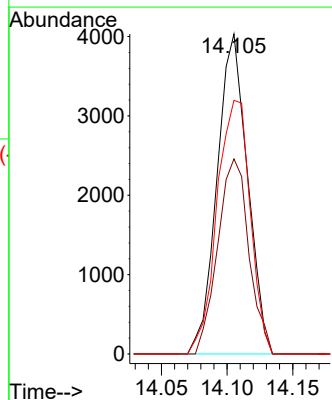
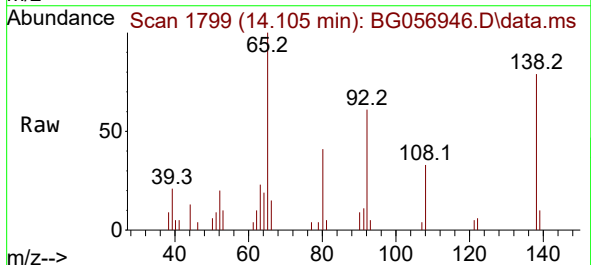
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

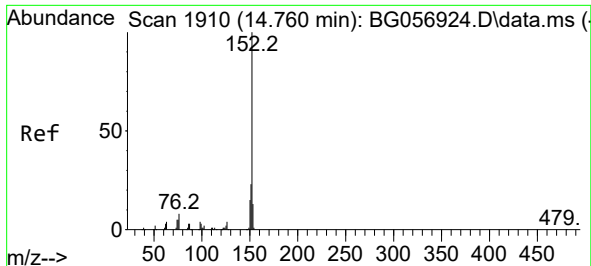
Tgt Ion:162 Resp: 20540
Ion Ratio Lower Upper
162 100
127 36.7 29.5 44.3
164 28.3 25.5 38.3



#48
2-Nitroaniline
Concen: 6.378 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 65 Resp: 6490
Ion Ratio Lower Upper
65 100
92 61.0 54.3 81.5
138 79.3 76.0 114.0

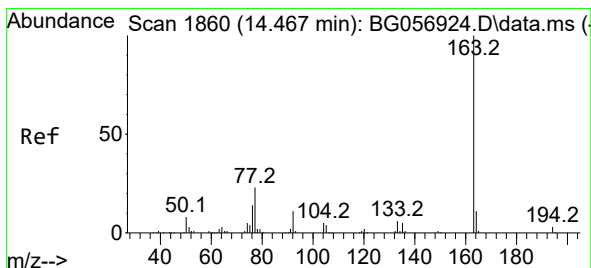
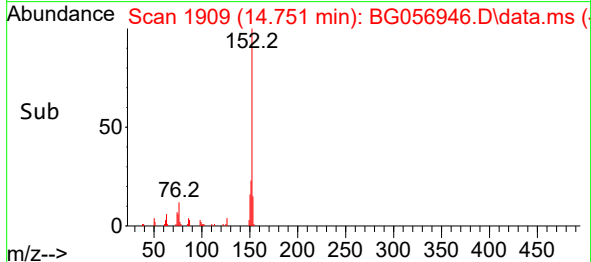
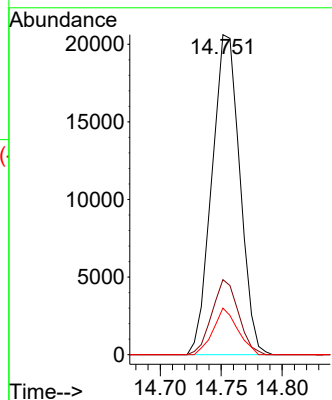
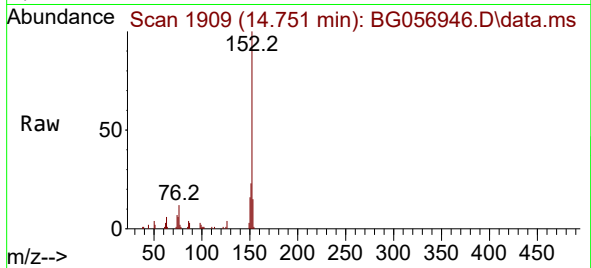




#49
Acenaphthylene
Concen: 7.037 ng
RT: 14.751 min Scan# 1910
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

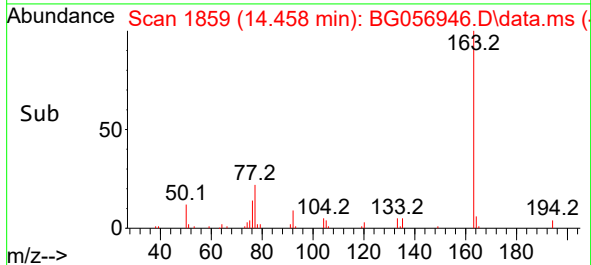
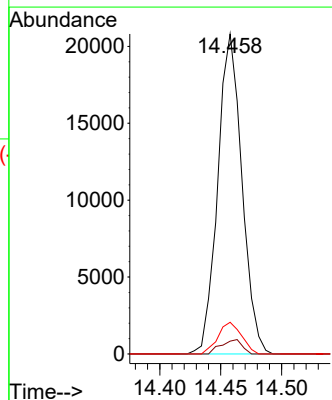
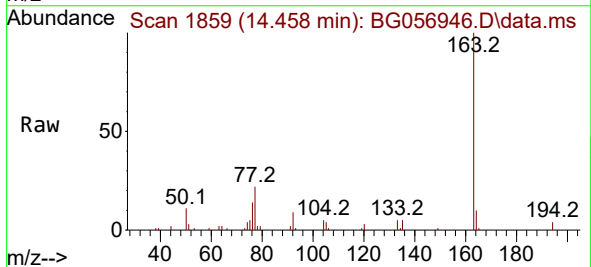
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	152	Resp:	32902
Ion Ratio	Lower	Upper	
152	100		
151	23.5	18.2	27.2
153	14.5	10.5	15.7



#50
Dimethylphthalate
Concen: 6.946 ng
RT: 14.458 min Scan# 1859
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:	163	Resp:	28768
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.8	4.2
164	9.9	8.8	13.2

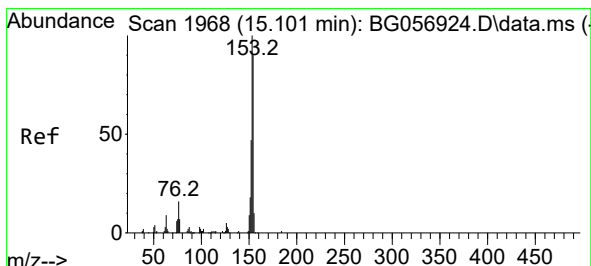
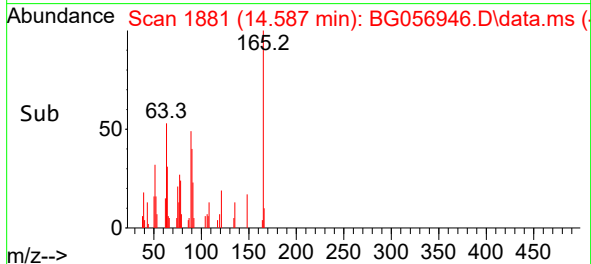
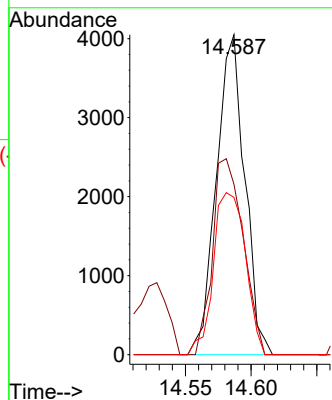
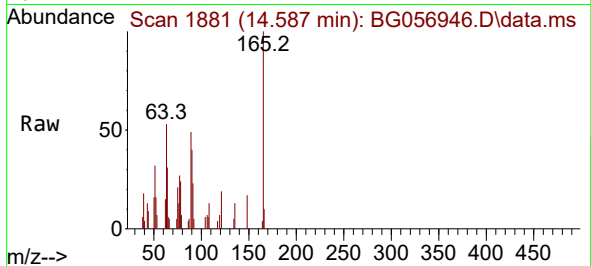




#51
2,6-Dinitrotoluene
Concen: 6.804 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

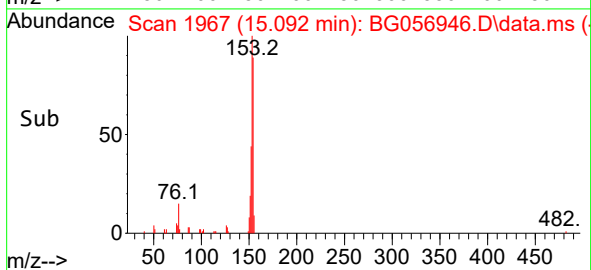
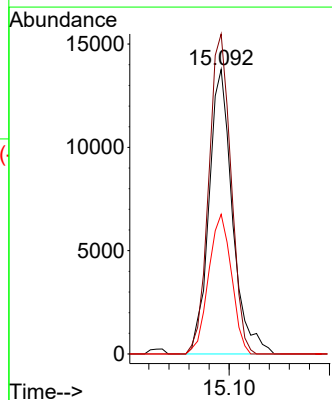
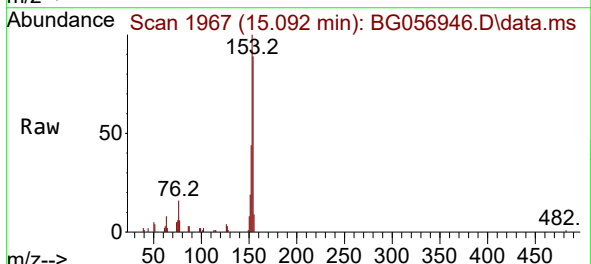
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

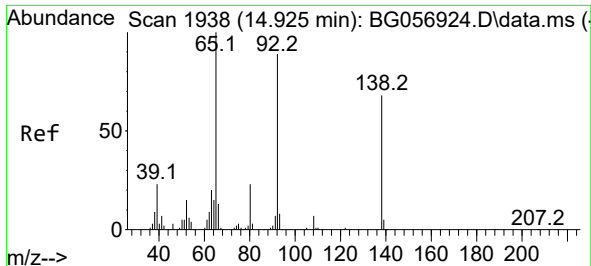
Tgt Ion:165 Resp: 6088
Ion Ratio Lower Upper
165 100
63 53.2 53.0 79.6
89 49.1 51.0 76.4#



#52
Acenaphthene
Concen: 6.939 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:154 Resp: 22377
Ion Ratio Lower Upper
154 100
153 112.5 88.9 133.3
152 49.1 41.8 62.8

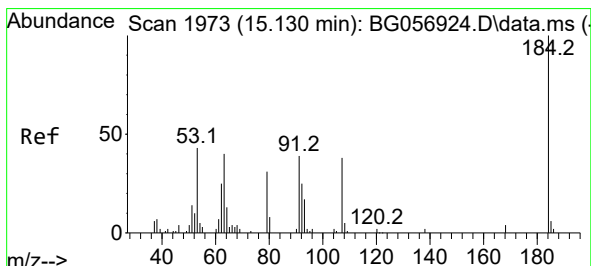
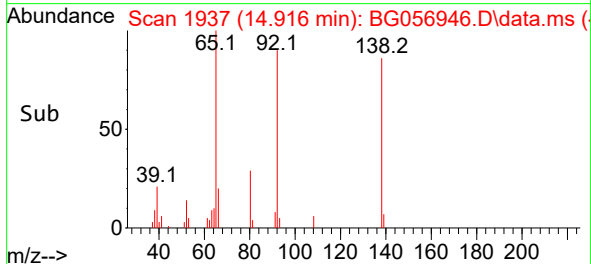
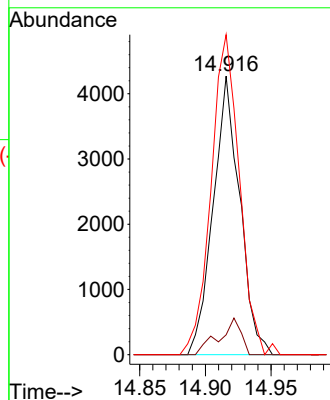
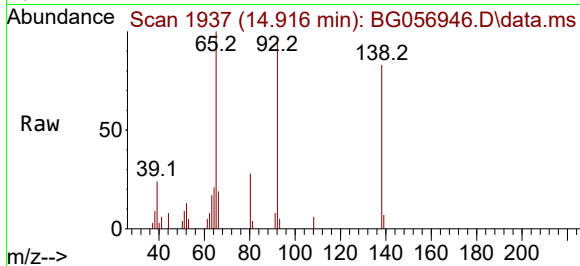




#53
3-Nitroaniline
Concen: 6.789 ng
RT: 14.916 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

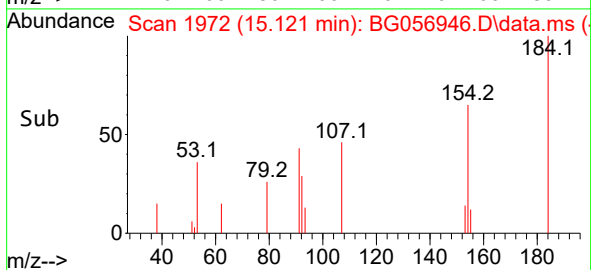
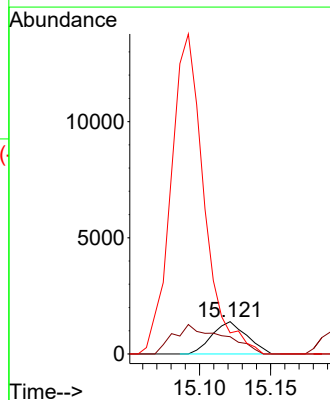
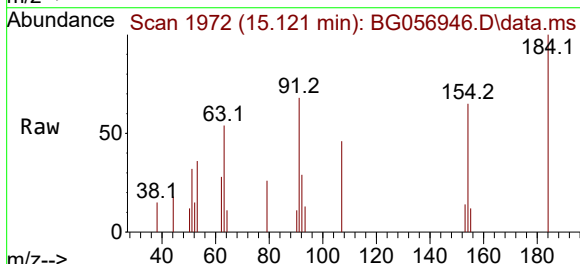
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:138 Resp: 6013
Ion Ratio Lower Upper
138 100
108 7.1 8.2 12.2#
92 114.9 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 4.662 ng
RT: 15.121 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:184 Resp: 2348
Ion Ratio Lower Upper
184 100
63 53.6 46.5 69.7
154 65.4 53.5 80.3

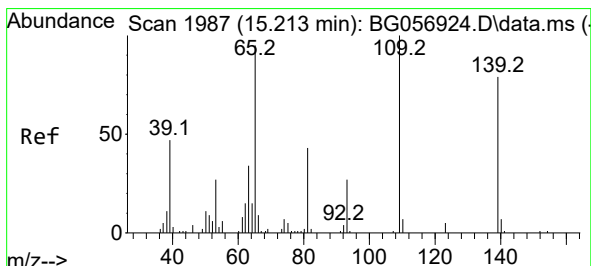
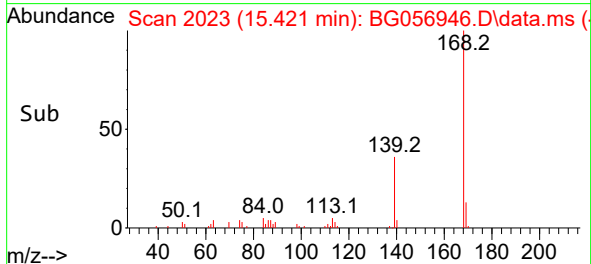
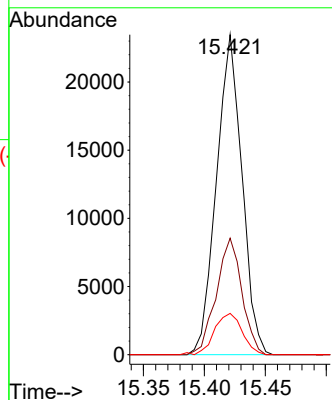
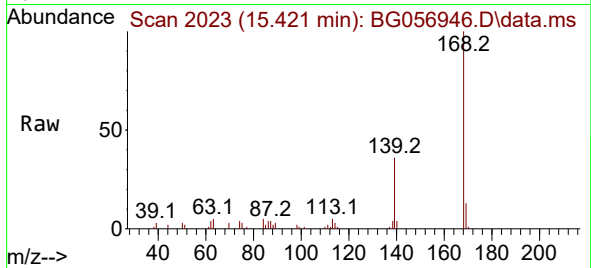




#55
Dibenzofuran
Concen: 7.052 ng
RT: 15.421 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

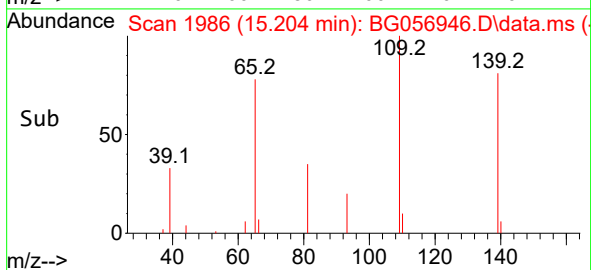
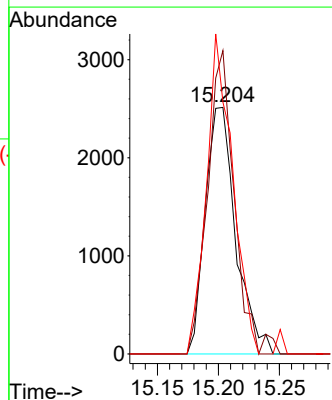
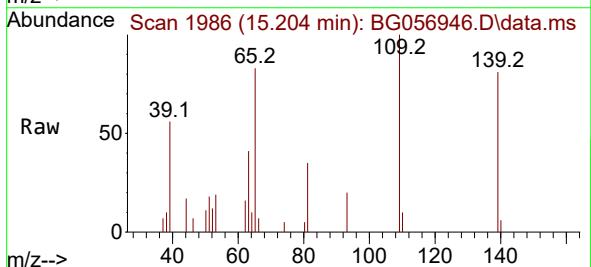
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

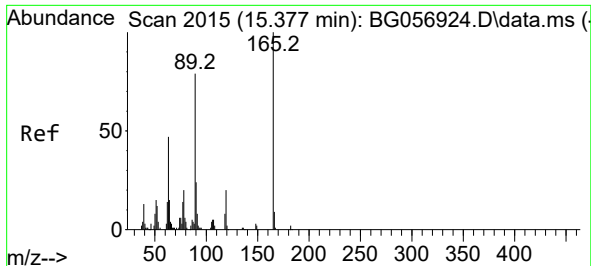
Tgt Ion:168 Resp: 34131
Ion Ratio Lower Upper
168 100
139 36.4 28.9 43.3
169 12.9 9.8 14.6



#56
4-Nitrophenol
Concen: 6.668 ng
RT: 15.204 min Scan# 1986
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:139 Resp: 4367
Ion Ratio Lower Upper
139 100
109 123.0 106.7 146.7
65 102.1 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 6.554 ng

RT: 15.368 min Scan# 2014

Delta R.T. -0.009 min

Lab File: BG056946.D

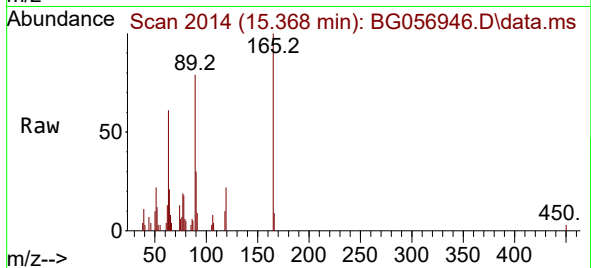
Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:165 Resp: 8272

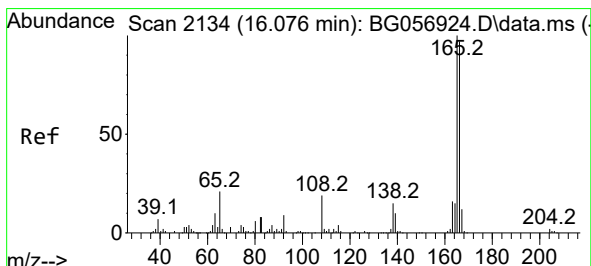
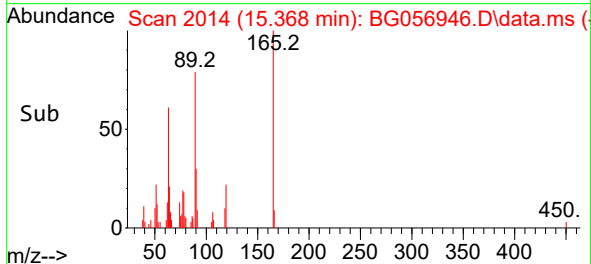
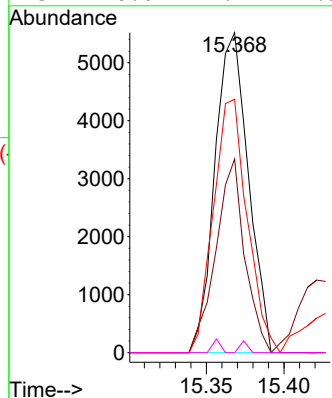
Ion Ratio Lower Upper

165 100

63 60.5 37.7 56.5#

89 79.2 63.2 94.8

182 0.0 1.7 2.5#



#58

Fluorene

Concen: 7.098 ng

RT: 16.067 min Scan# 2133

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

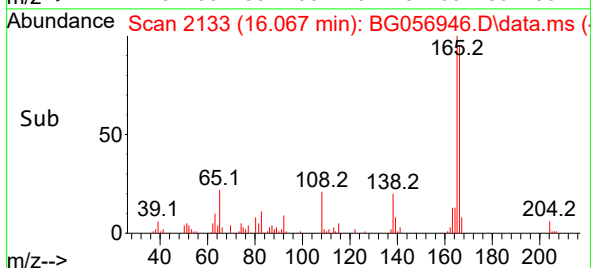
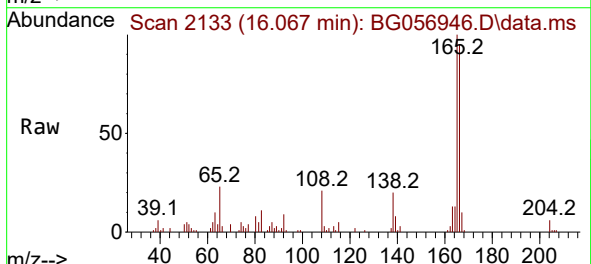
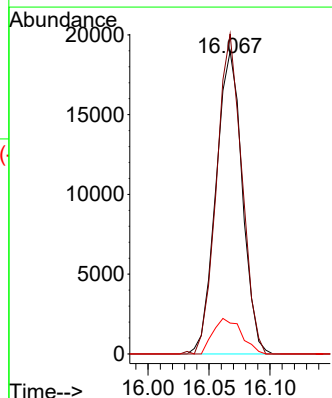
Tgt Ion:166 Resp: 28426

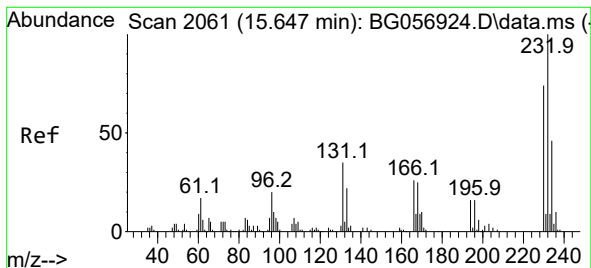
Ion Ratio Lower Upper

166 100

165 105.7 82.6 123.8

167 10.2 10.2 15.2

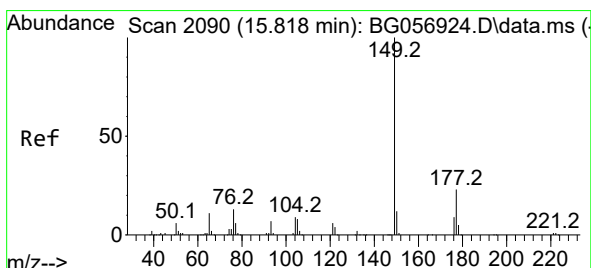
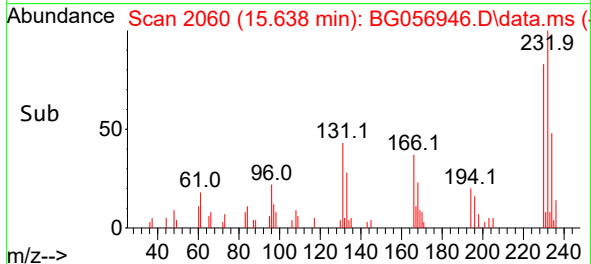
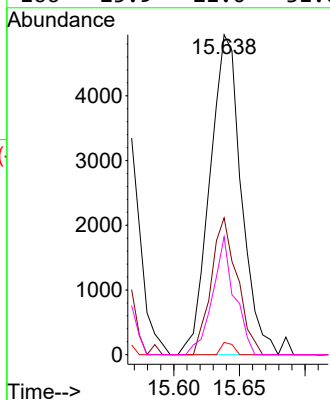
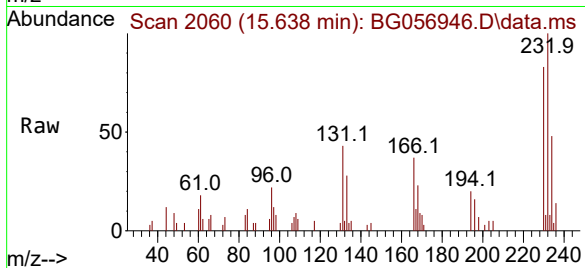




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.562 ng
RT: 15.638 min Scan# 2060
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

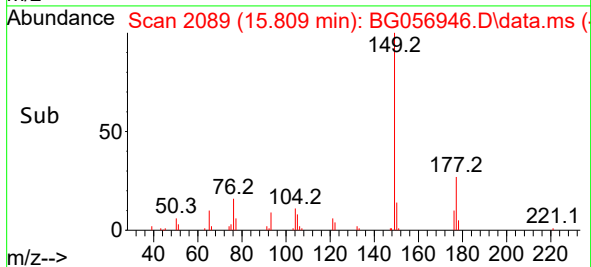
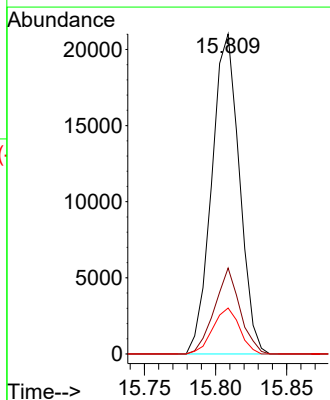
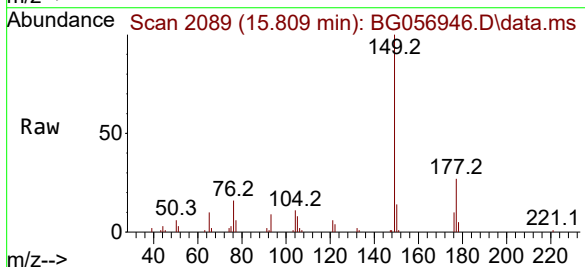
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

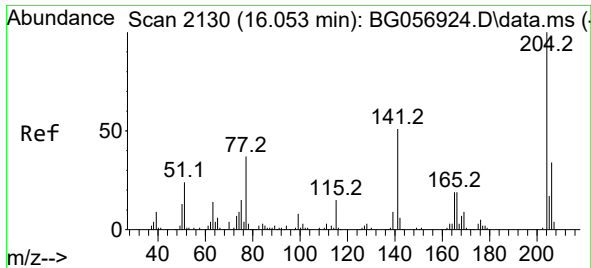
Tgt Ion:232 Resp: 8232
Ion Ratio Lower Upper
232 100
131 35.5 29.3 43.9
130 1.5 1.7 2.5#
166 25.9 21.0 31.6



#60
Diethylphthalate
Concen: 6.833 ng
RT: 15.809 min Scan# 2089
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:149 Resp: 28371
Ion Ratio Lower Upper
149 100
177 26.8 18.8 28.2
150 14.3 9.4 14.2#

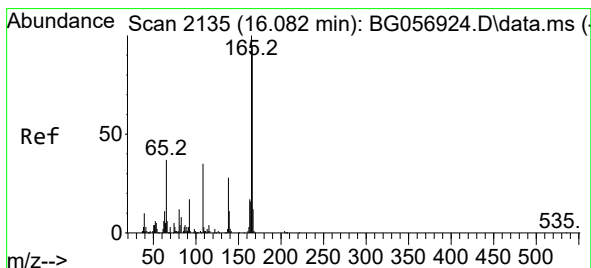
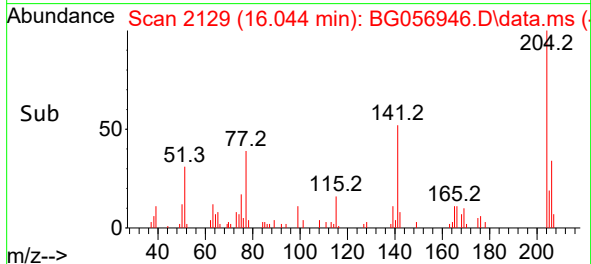
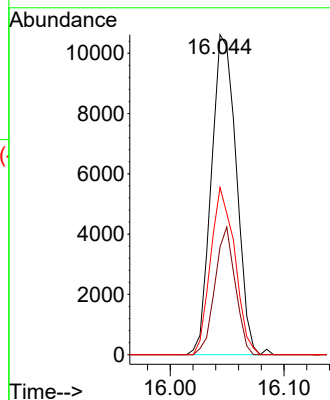
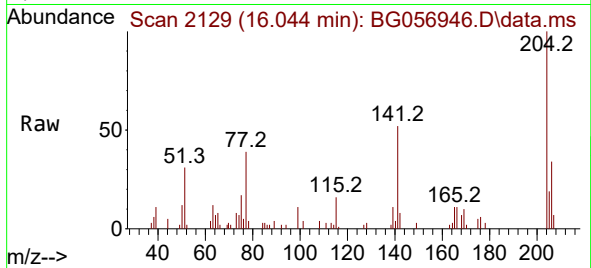




#61
4-Chlorophenyl-phenylether
Concen: 6.883 ng
RT: 16.044 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

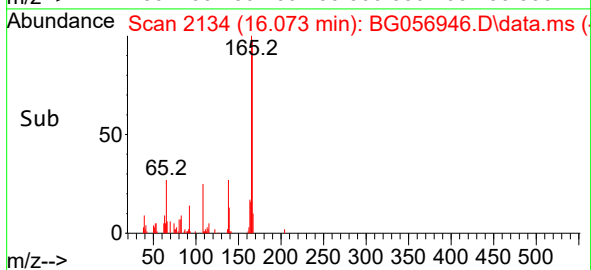
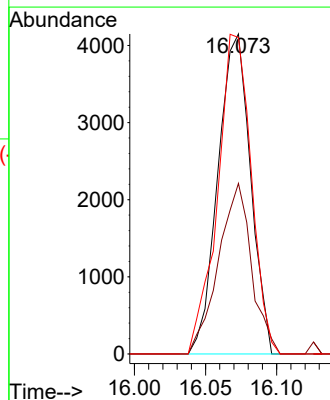
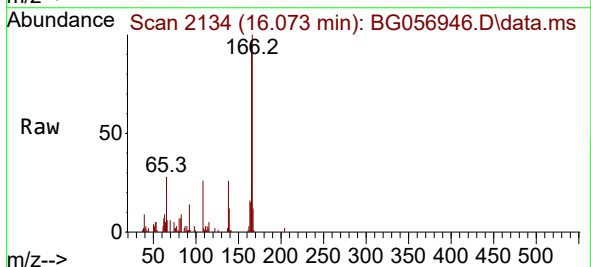
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

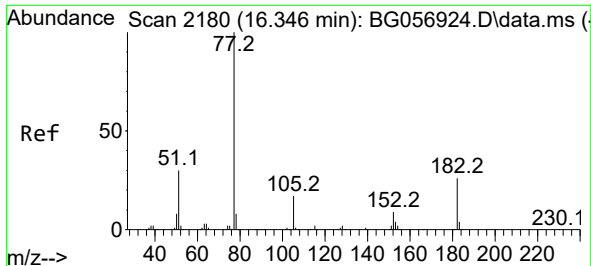
Tgt Ion:204 Resp: 16184
Ion Ratio Lower Upper
204 100
206 33.7 27.2 40.8
141 52.3 40.7 61.1



#62
4-Nitroaniline
Concen: 7.210 ng
RT: 16.073 min Scan# 2134
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:138 Resp: 6616
Ion Ratio Lower Upper
138 100
92 53.3 40.9 80.9
108 98.9 104.3 144.3#

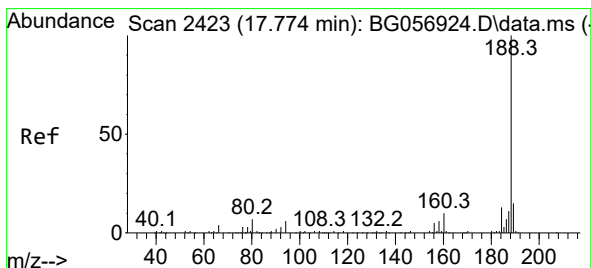
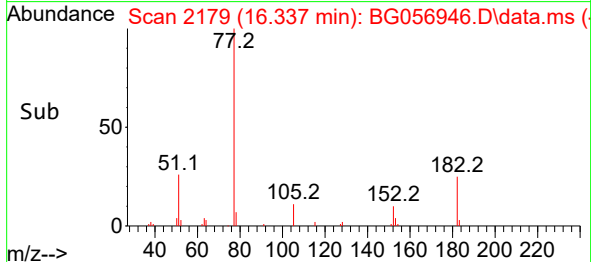
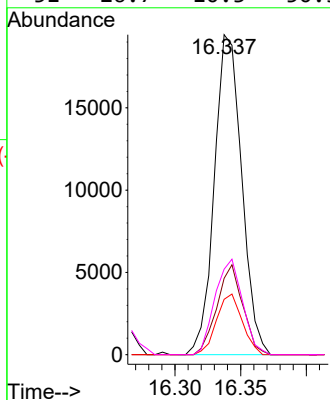
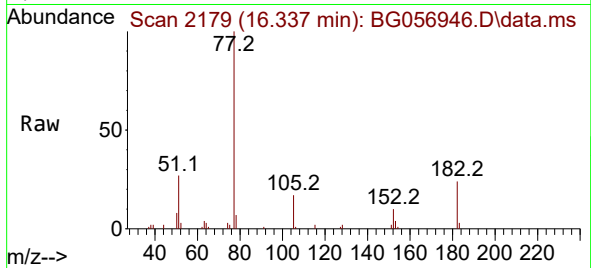




#63
Azobenzene
Concen: 6.802 ng
RT: 16.337 min Scan# 2180
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

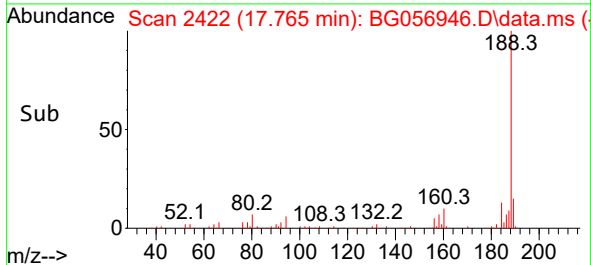
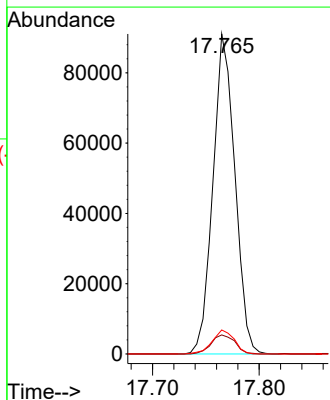
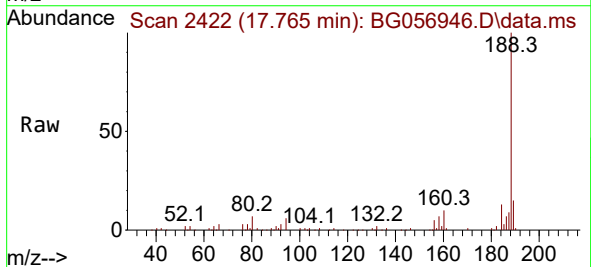
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

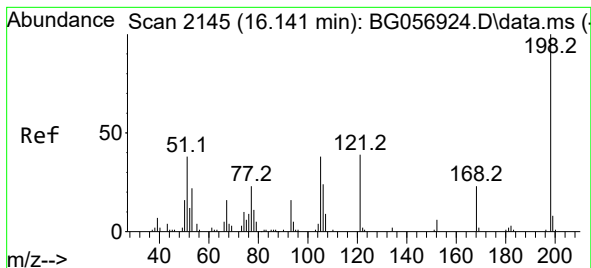
Tgt Ion: 77	Resp: 28146
Ion Ratio	Lower Upper
77 100	
182 23.8	5.9 45.9
105 17.3	0.0 36.8
51 26.7	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion: 188	Resp: 130173
Ion Ratio	Lower Upper
188 100	
94 6.0	4.6 6.8
80 7.5	5.5 8.3

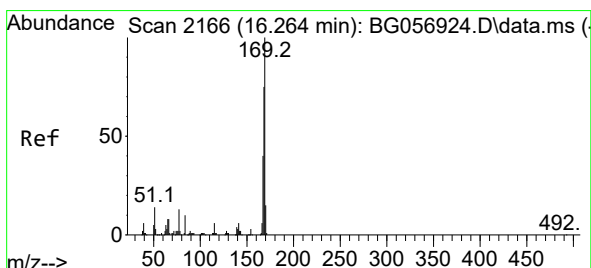
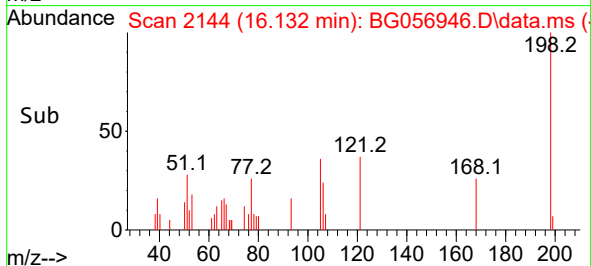
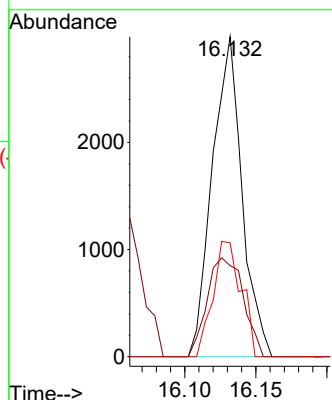
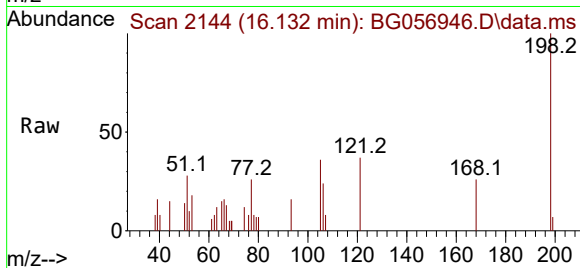




#65
4,6-Dinitro-2-methylphenol
Concen: 5.492 ng
RT: 16.132 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

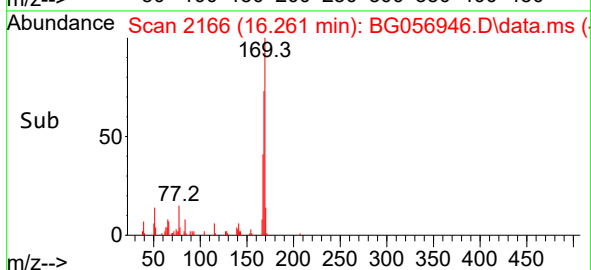
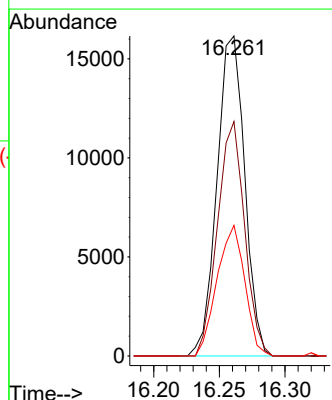
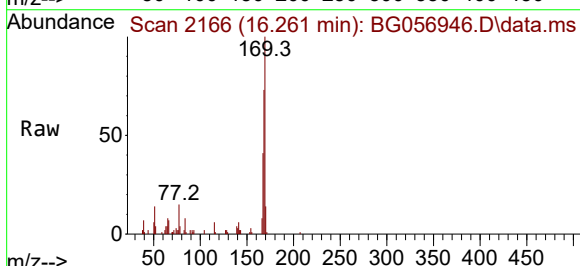
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

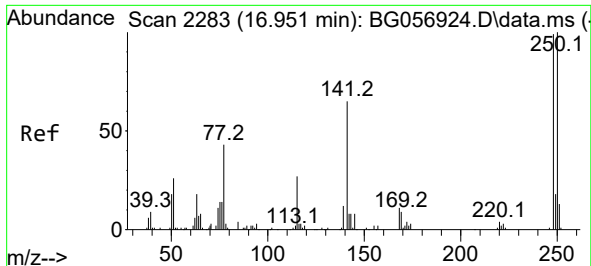
Tgt Ion:198 Resp: 4330
Ion Ratio Lower Upper
198 100
51 28.4 20.5 60.5
105 35.6 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 6.794 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:169 Resp: 23740
Ion Ratio Lower Upper
169 100
168 73.3 59.6 89.4
167 40.8 31.8 47.8

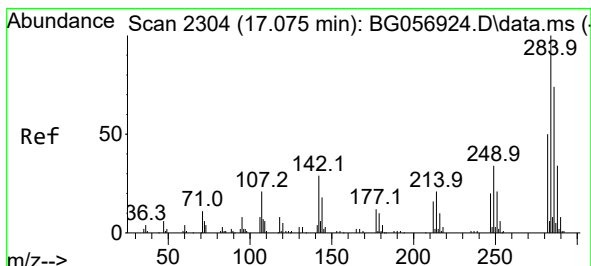
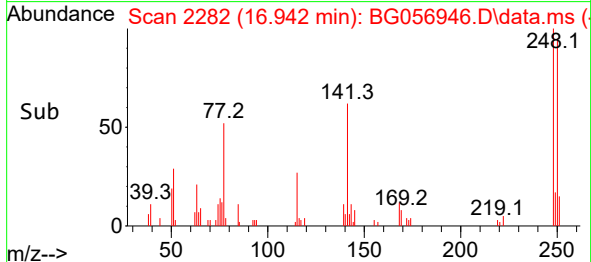
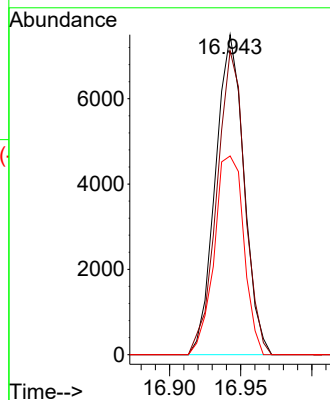
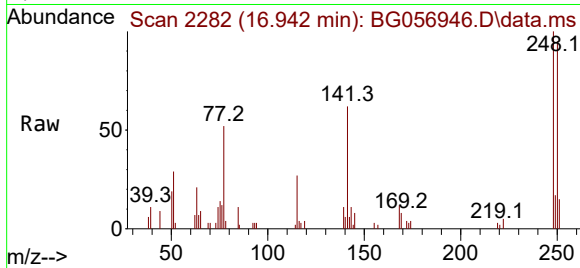




#67
4-Bromophenyl-phenylether
Concen: 6.510 ng
RT: 16.942 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

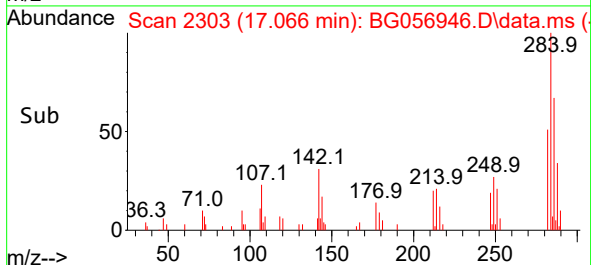
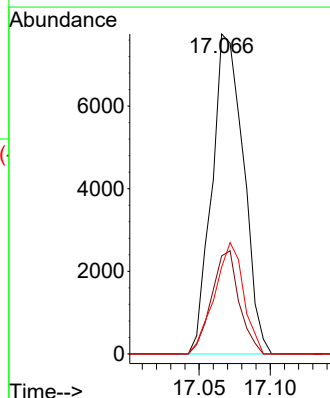
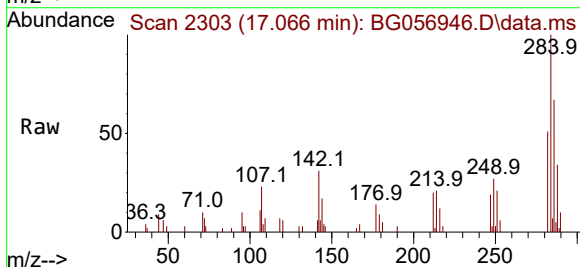
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

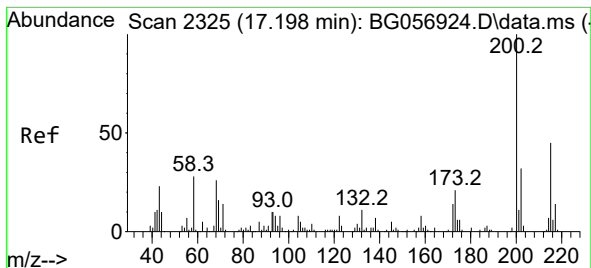
Tgt Ion:248 Resp: 10486
Ion Ratio Lower Upper
248 100
250 95.0 80.5 120.7
141 62.1 52.0 78.0



#68
Hexachlorobenzene
Concen: 7.508 ng
RT: 17.066 min Scan# 2303
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:284 Resp: 11956
Ion Ratio Lower Upper
284 100
142 30.6 23.0 34.4
249 27.1 27.1 40.7





#69

Atrazine

Concen: 7.921 ng

RT: 17.189 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

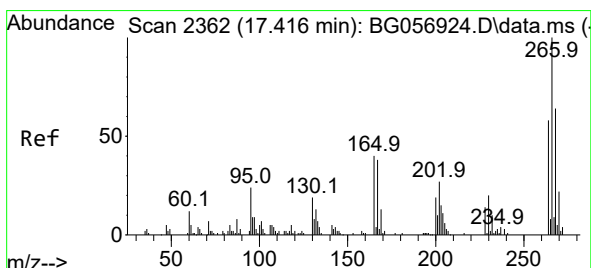
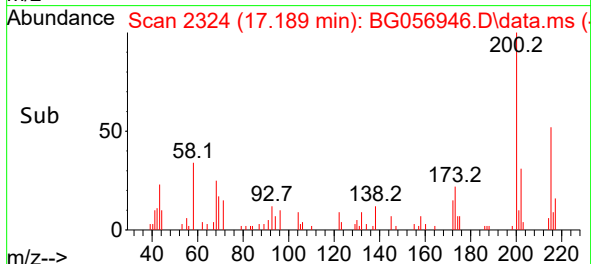
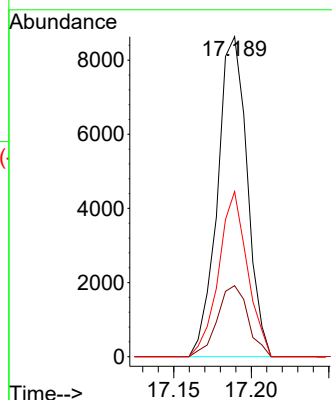
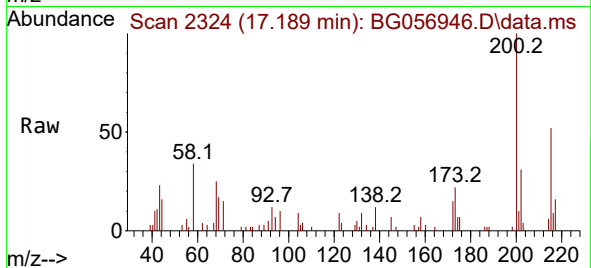
Tgt Ion:200 Resp: 11490

Ion Ratio Lower Upper

200 100

173 22.2 1.0 41.0

215 51.6 25.0 65.0



#70

Pentachlorophenol

Concen: 4.587 ng

RT: 17.407 min Scan# 2361

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

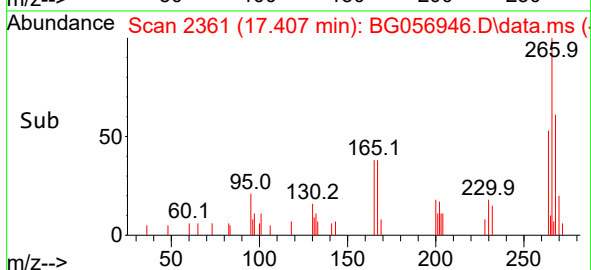
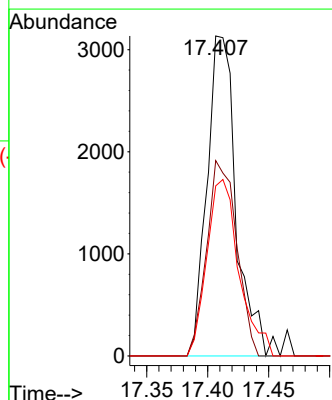
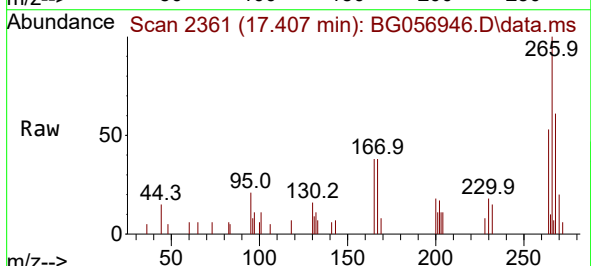
Tgt Ion:266 Resp: 5240

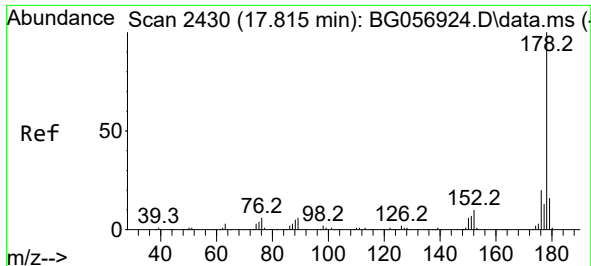
Ion Ratio Lower Upper

266 100

268 61.1 51.0 76.6

264 53.1 46.8 70.2

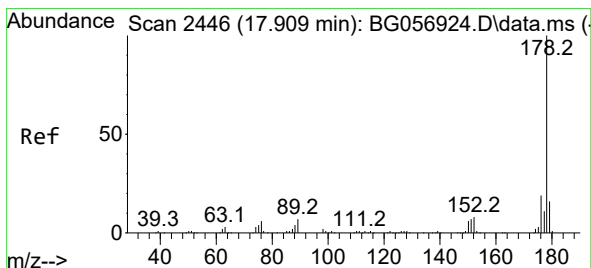
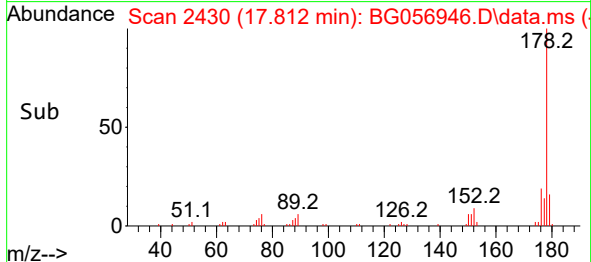
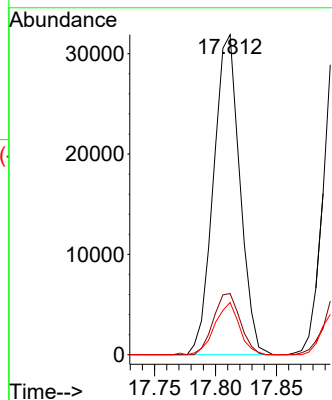
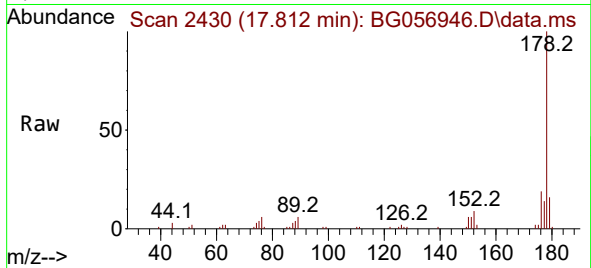




#71
Phenanthrene
Concen: 7.227 ng
RT: 17.812 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

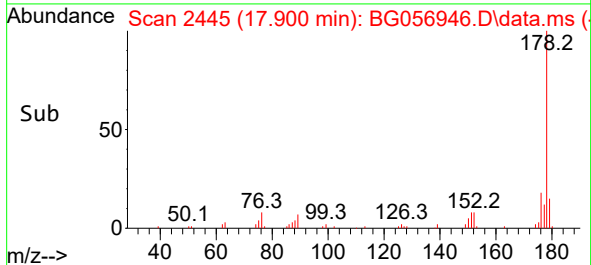
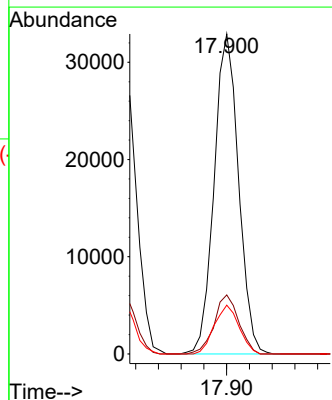
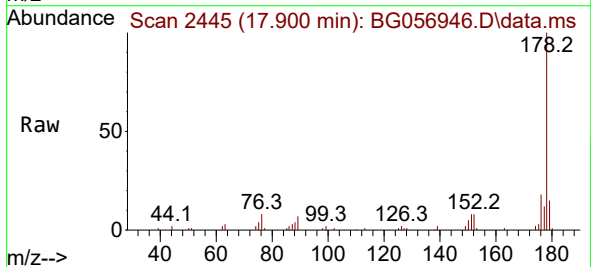
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

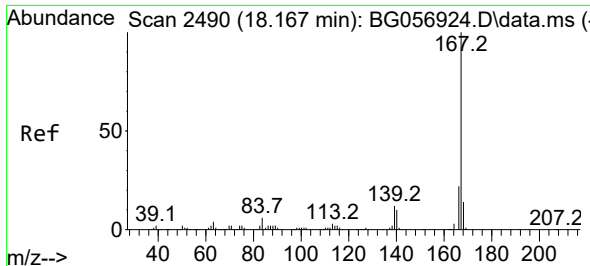
Tgt Ion:178 Resp: 47964
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 16.3 12.5 18.7



#72
Anthracene
Concen: 7.212 ng
RT: 17.900 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:178 Resp: 49067
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.2 12.4 18.6

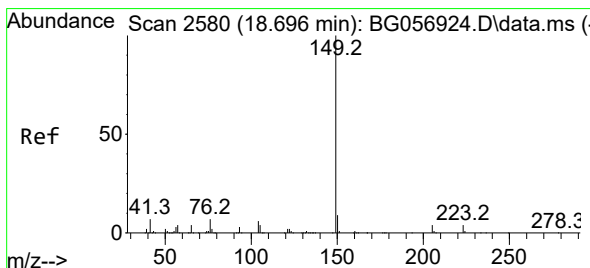
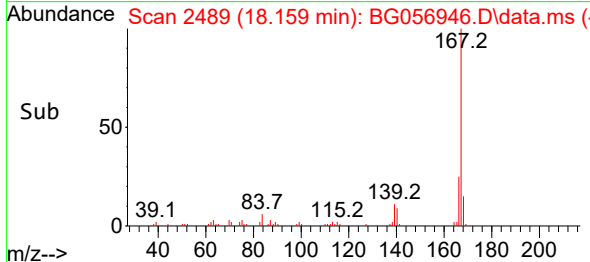
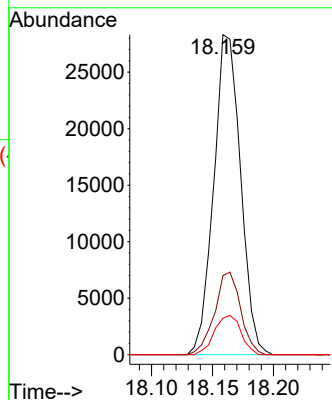
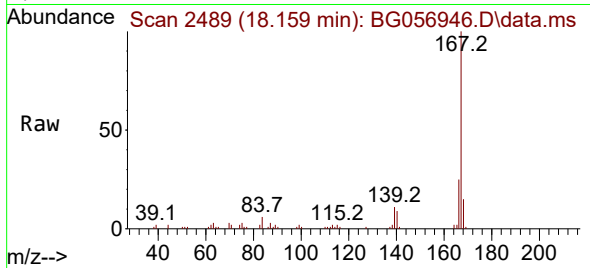




#73
Carbazole
Concen: 7.322 ng
RT: 18.159 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

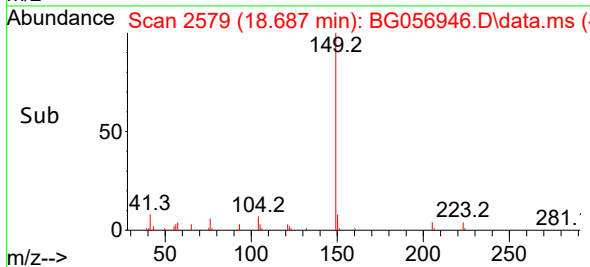
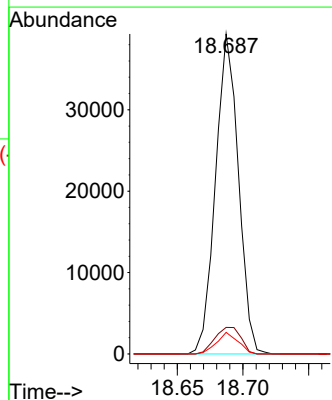
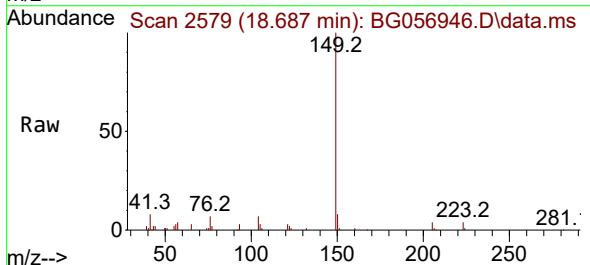
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

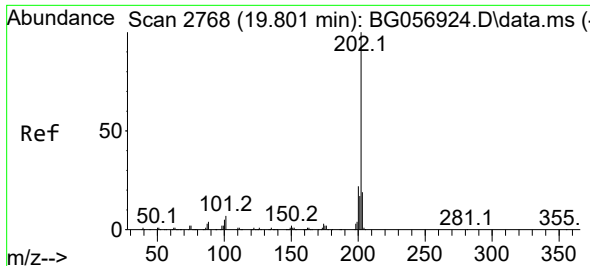
Tgt Ion:167 Resp: 43433
Ion Ratio Lower Upper
167 100
166 24.7 17.9 26.9
139 11.4 9.5 14.3



#74
Di-n-butylphthalate
Concen: 6.924 ng
RT: 18.687 min Scan# 2579
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:149 Resp: 47558
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.0
104 6.8 4.9 7.3

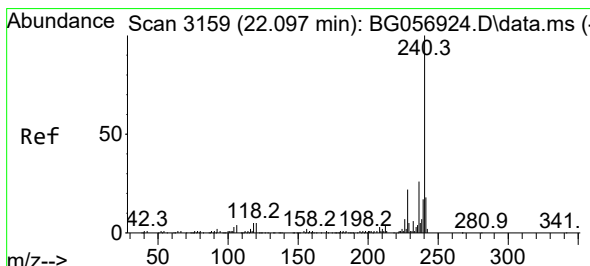
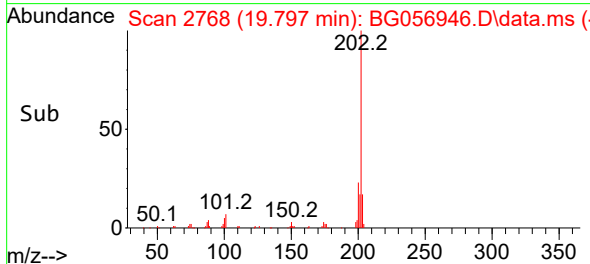
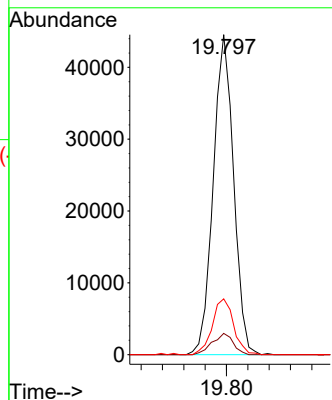
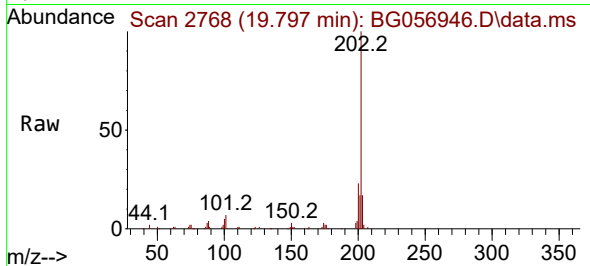




#75
Fluoranthene
Concen: 7.003 ng
RT: 19.797 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

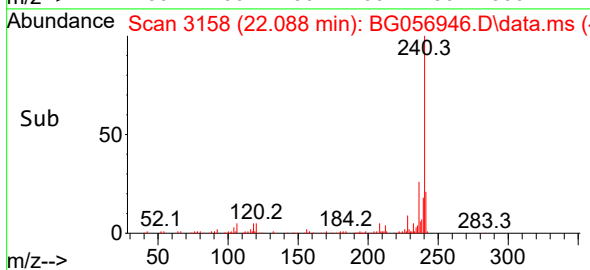
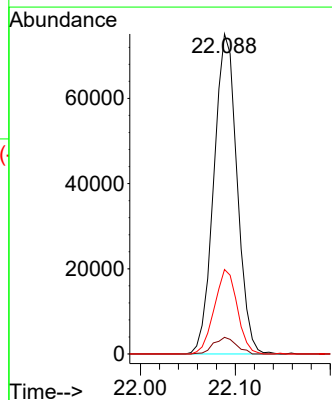
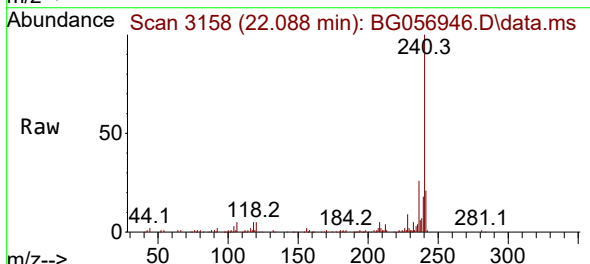
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

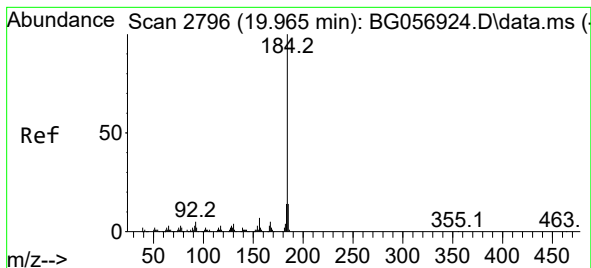
Tgt Ion:202 Resp: 58916
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.7
203 17.4 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.088 min Scan# 3158
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:240 Resp: 127676
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 26.4 21.0 31.6





#77

Benzidine

Concen: 9.705 ng

RT: 19.962 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

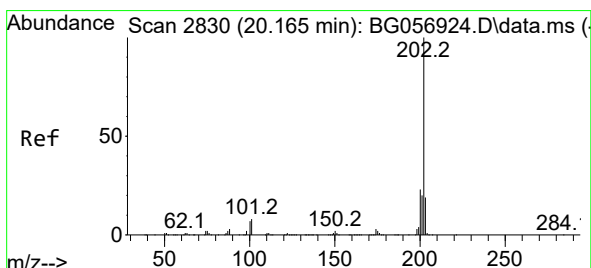
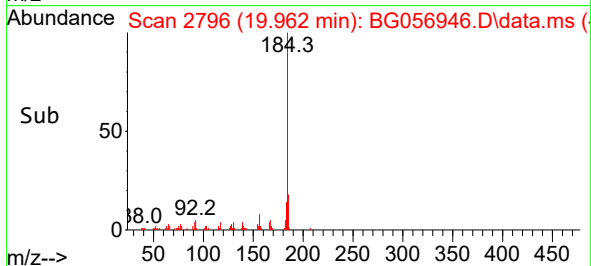
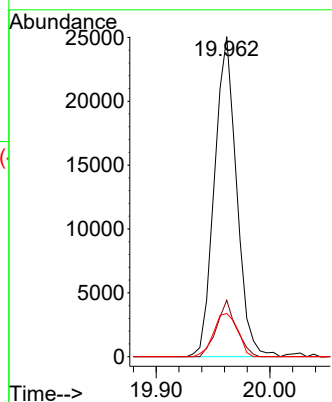
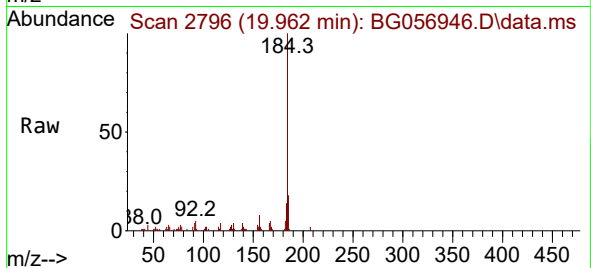
Tgt Ion:184 Resp: 33869

Ion Ratio Lower Upper

184 100

185 17.6 11.0 16.4#

183 13.5 11.4 17.0



#78

Pyrene

Concen: 6.820 ng

RT: 20.156 min Scan# 2829

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

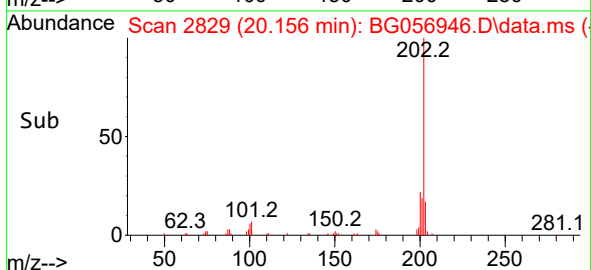
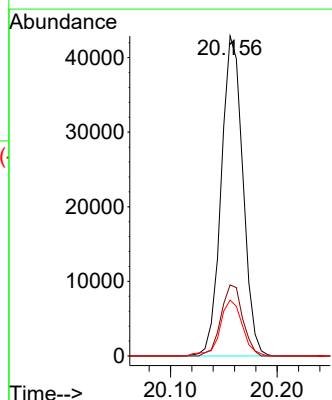
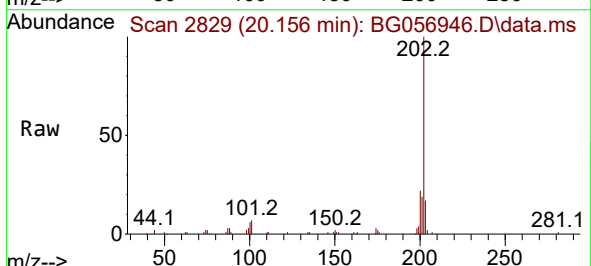
Tgt Ion:202 Resp: 60229

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

203 17.5 15.4 23.2

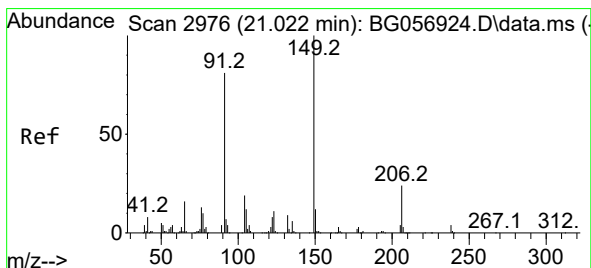
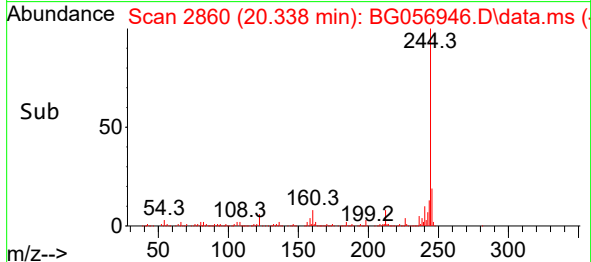
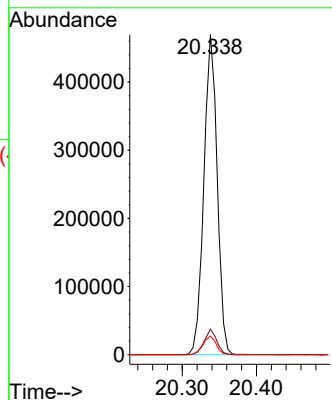
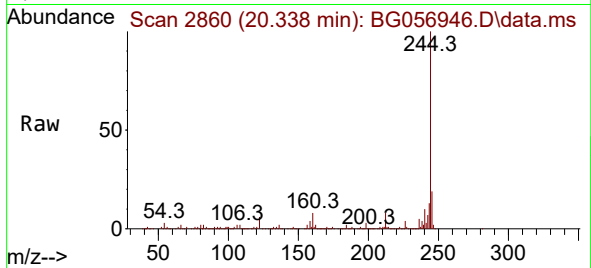




#79
 Terphenyl-d14
 Concen: 77.457 ng
 RT: 20.338 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

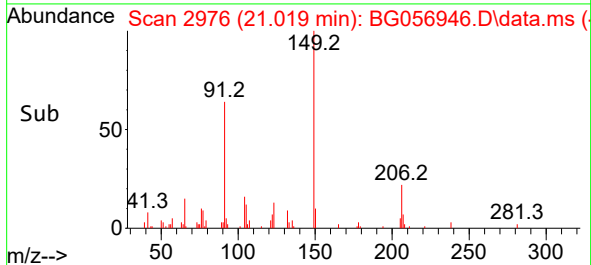
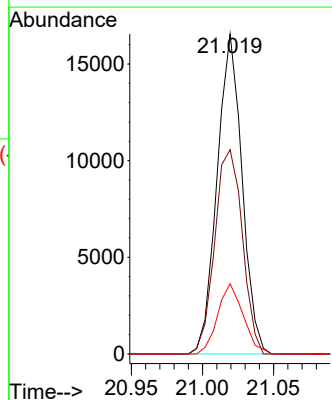
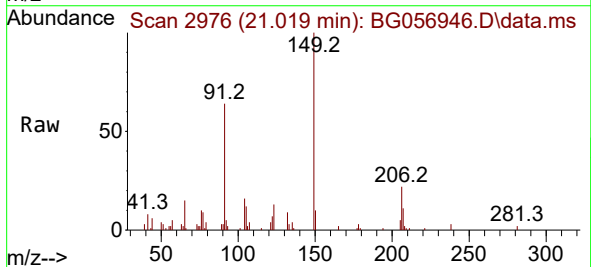
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

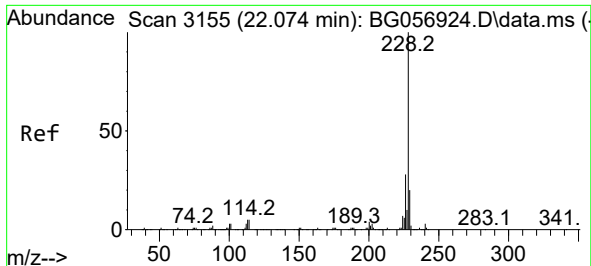
Tgt Ion:244 Resp: 584423
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 5.8 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 6.647 ng
 RT: 21.019 min Scan# 2976
 Delta R.T. -0.003 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

Tgt Ion:149 Resp: 20199
 Ion Ratio Lower Upper
 149 100
 91 63.9 64.4 96.6#
 206 22.0 18.9 28.3

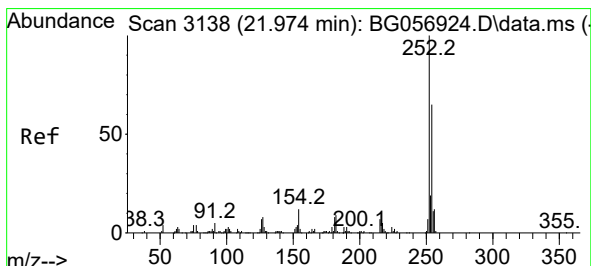
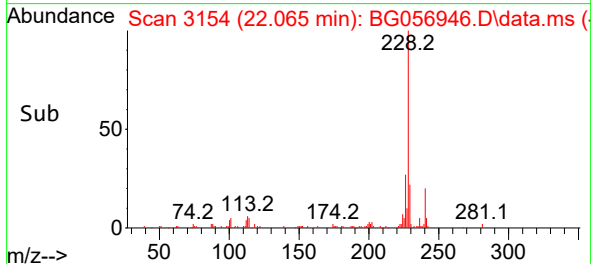
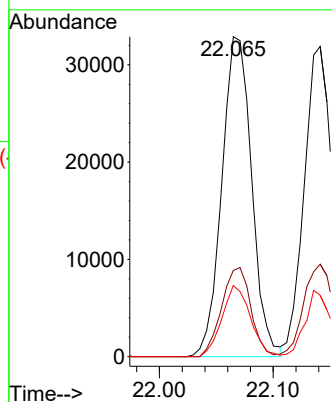
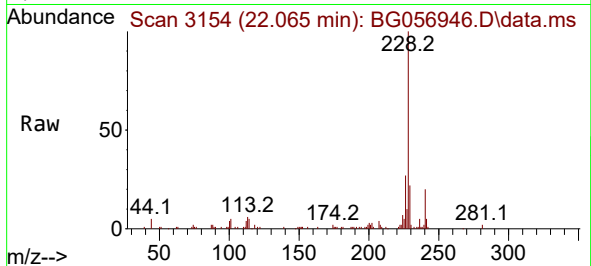




#81
Benzo(a)anthracene
Concen: 6.791 ng
RT: 22.065 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

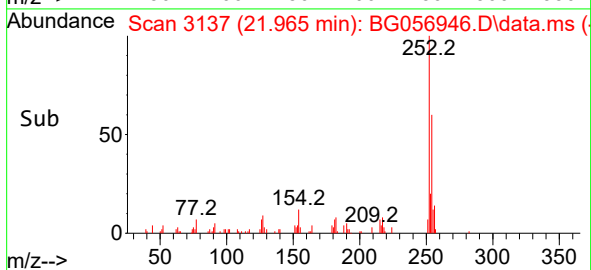
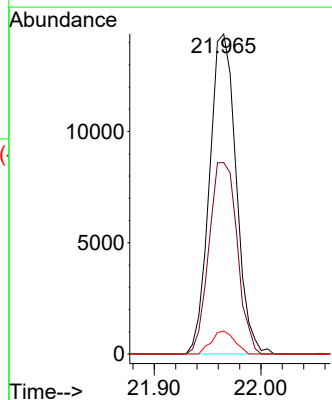
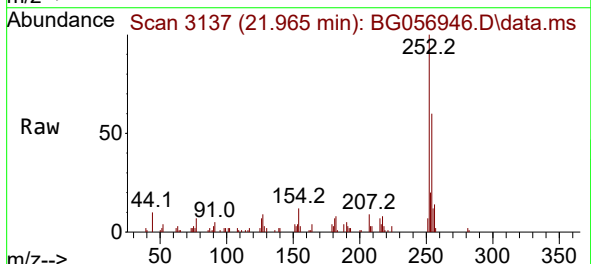
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

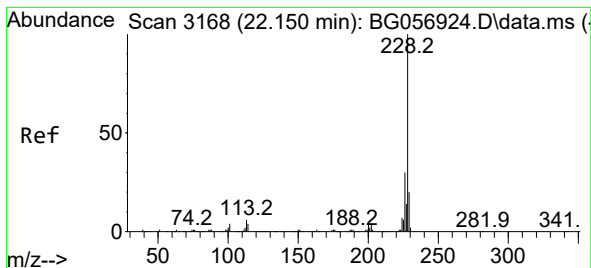
Tgt Ion:228 Resp: 60000
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 22.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 8.359 ng
RT: 21.965 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:252 Resp: 24940
Ion Ratio Lower Upper
252 100
254 59.8 51.7 77.5
126 7.2 5.6 8.4





#83

Chrysene

Concen: 6.692 ng

RT: 22.141 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

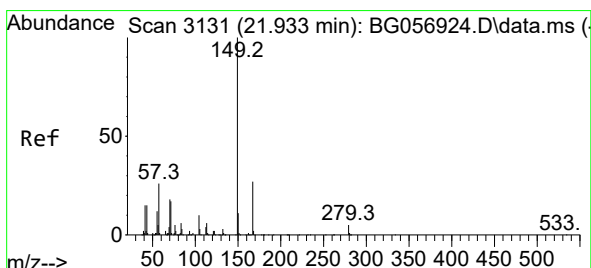
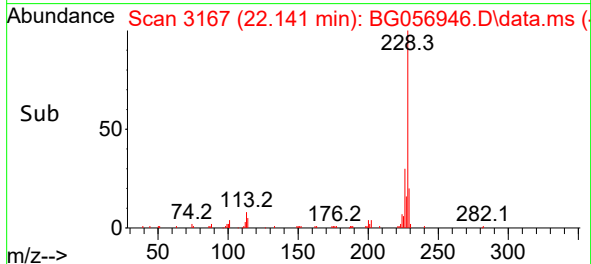
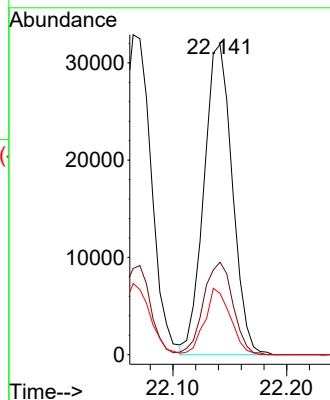
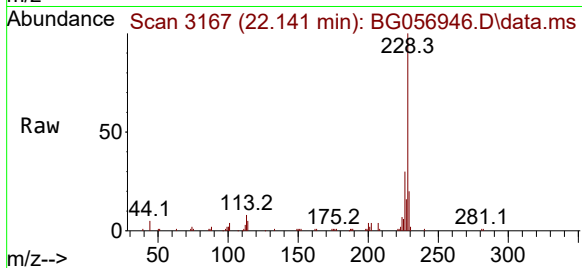
Tgt Ion:228 Resp: 55363

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.449 ng

RT: 21.924 min Scan# 3130

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

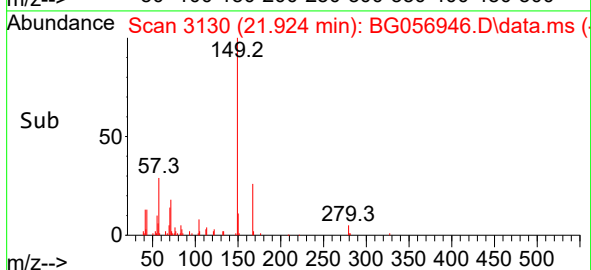
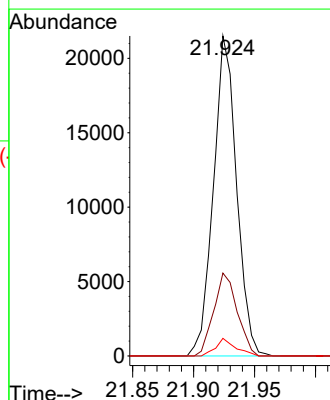
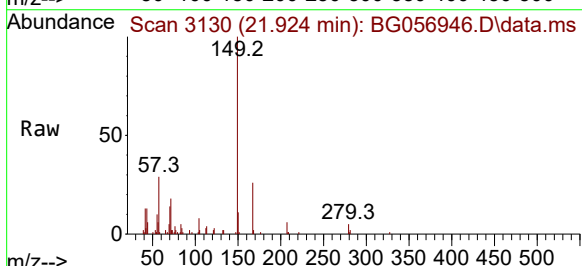
Tgt Ion:149 Resp: 28376

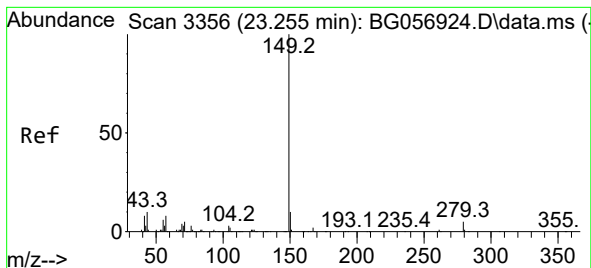
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.2

279 5.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 6.771 ng

RT: 23.246 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

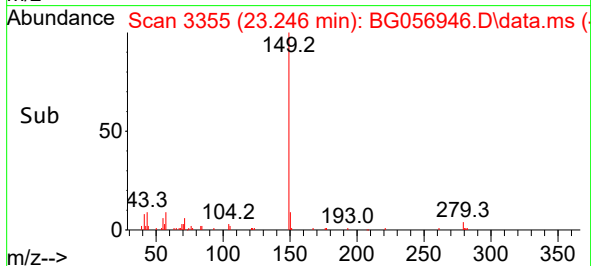
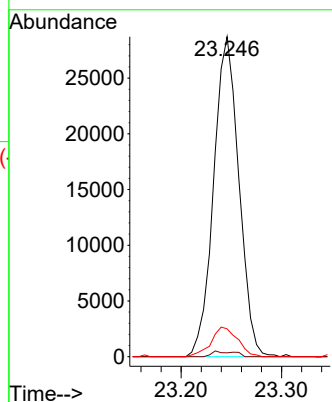
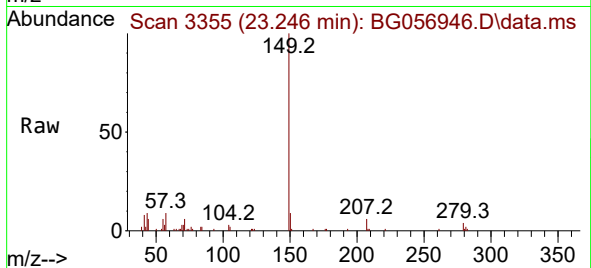
Tgt Ion:149 Resp: 50212

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.631 min Scan# 3761

Delta R.T. -0.015 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

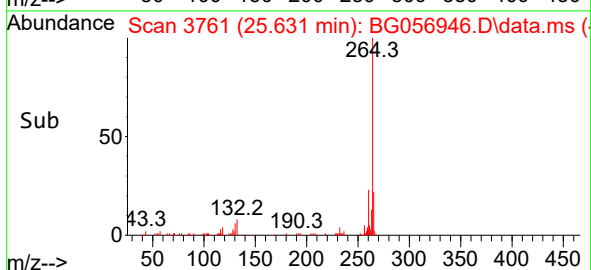
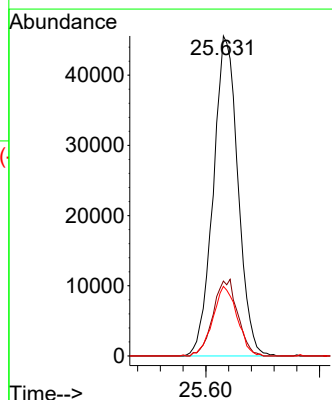
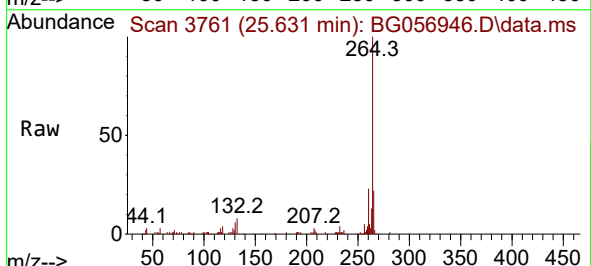
Tgt Ion:264 Resp: 137290

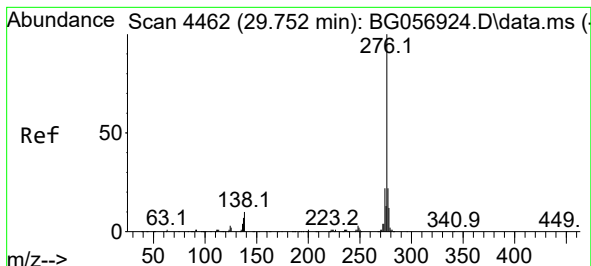
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.960 ng

RT: 29.719 min Scan# 4462

Delta R.T. -0.032 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

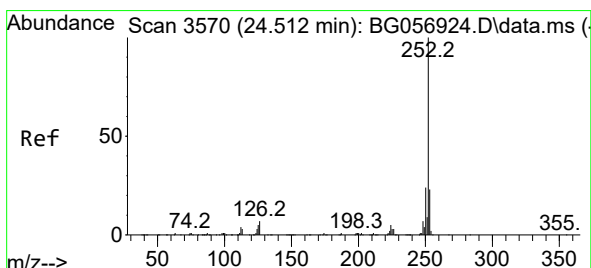
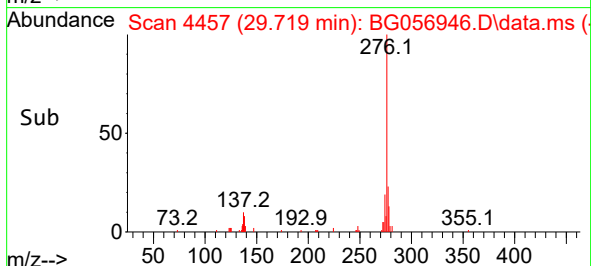
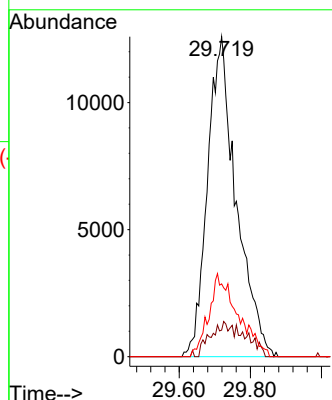
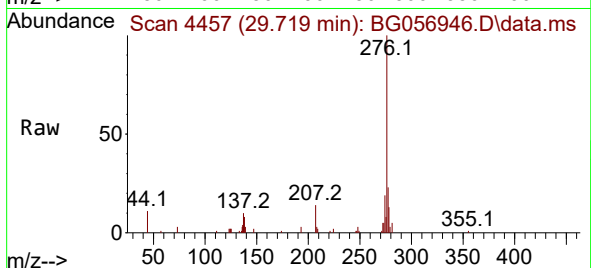
Tgt Ion:276 Resp: 70623

Ion Ratio Lower Upper

276 100

138 8.0 7.7 11.5

277 23.0 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 7.297 ng

RT: 24.497 min Scan# 3568

Delta R.T. -0.015 min

Lab File: BG056946.D

Acq: 31 Mar 2023 16:13

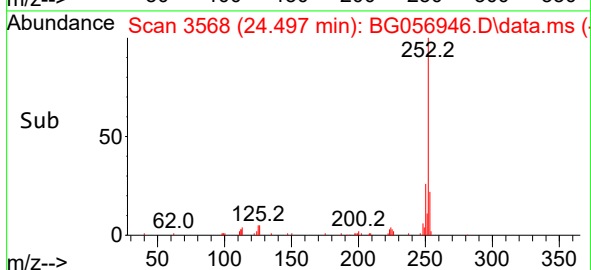
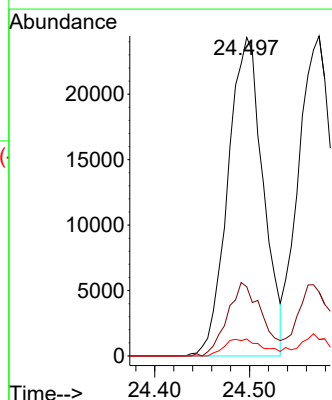
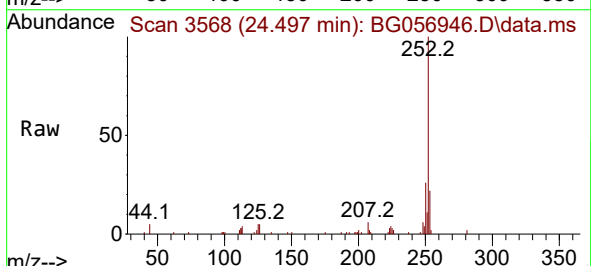
Tgt Ion:252 Resp: 62649

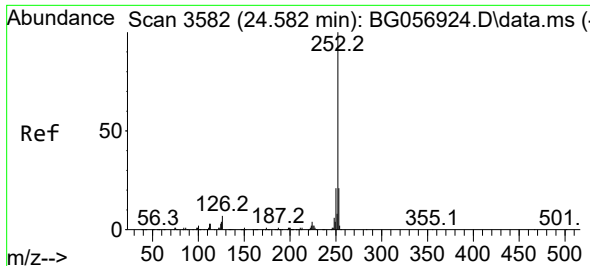
Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 5.3 4.2 6.4

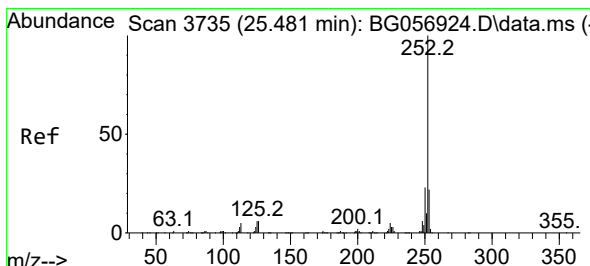
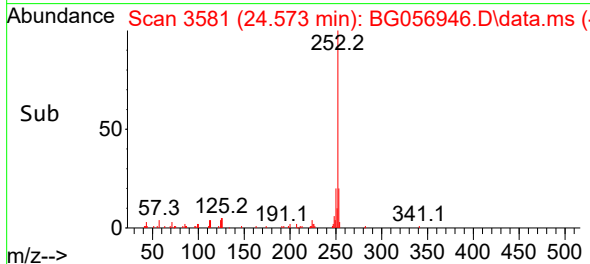
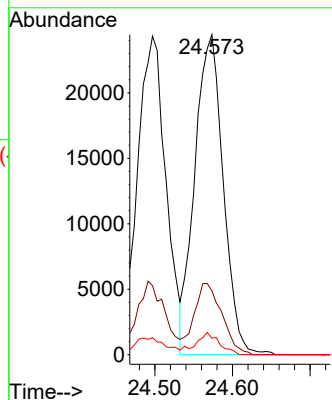
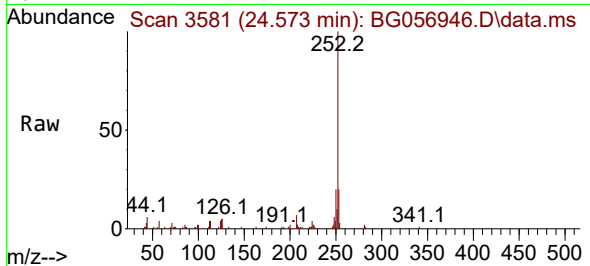




#89
Benzo(k)fluoranthene
Concen: 7.291 ng
RT: 24.573 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

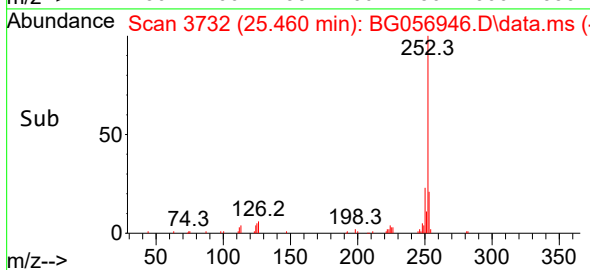
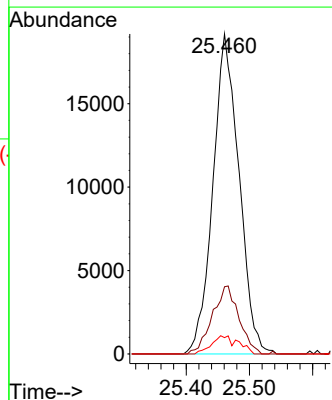
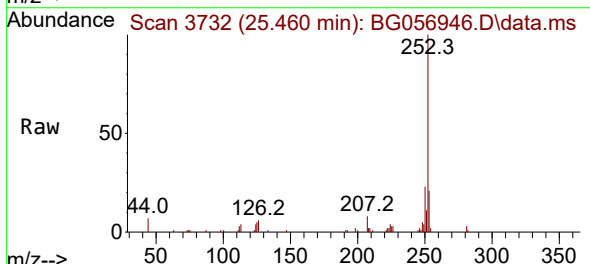
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

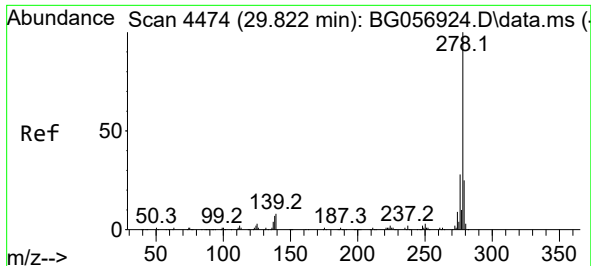
Tgt Ion:252 Resp: 62492
Ion Ratio Lower Upper
252 100
253 20.0 17.1 25.7
125 5.1 3.8 5.6



#90
Benzo(a)pyrene
Concen: 6.510 ng
RT: 25.460 min Scan# 3732
Delta R.T. -0.021 min
Lab File: BG056946.D
Acq: 31 Mar 2023 16:13

Tgt Ion:252 Resp: 54924
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 5.1 4.5 6.7

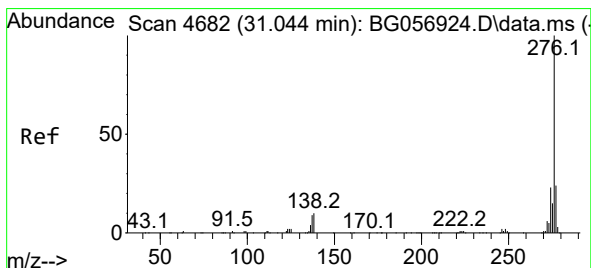
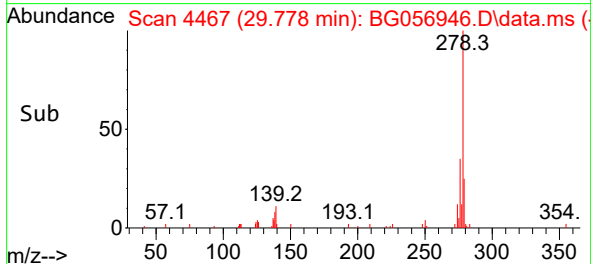
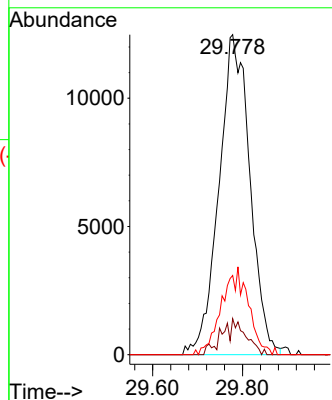
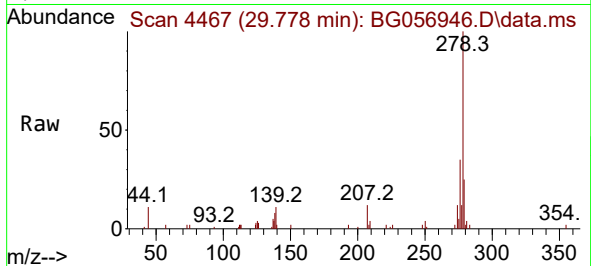




#91
 Dibenzo(a,h)anthracene
 Concen: 7.170 ng
 RT: 29.778 min Scan# 4474
 Delta R.T. -0.044 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion:278 Resp: 59801
 Ion Ratio Lower Upper
 278 100
 139 11.2 6.4 9.6#
 279 24.8 20.2 30.2



#92
 Benzo(g,h,i)perylene
 Concen: 6.995 ng
 RT: 30.994 min Scan# 4674
 Delta R.T. -0.050 min
 Lab File: BG056946.D
 Acq: 31 Mar 2023 16:13

Tgt Ion:276 Resp: 57122
 Ion Ratio Lower Upper
 276 100
 277 20.7 19.1 28.7
 138 9.5 8.2 12.2

