

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
 Data File : BG057458.D
 Acq On : 18 May 2023 12:33
 Operator : CG/JU
 Sample : 02213-07
 Misc : LOD-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 18 13:16:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	15945	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	64801	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	51599	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	132259	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	122608	20.000	ng	-0.01
86) Perylene-d12	25.520	264	130058	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	98797	105.991	ng	0.00
7) Phenol-d6	7.497	99	149635	105.714	ng	0.00
23) Nitrobenzene-d5	9.535	82	107572	69.673	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	86536	118.197	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	291540	76.096	ng	0.00
79) Terphenyl-d14	20.280	244	551788	73.443	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.679	88	2939	7.626	ng	95
3) Pyridine	4.108	79	8243	6.655	ng	96
4) n-Nitrosodimethylamine	4.008	42	3931	6.754	ng	87
6) Aniline	7.673	93	12940	7.206	ng	91
8) 2-Chlorophenol	7.920	128	7853	7.973	ng	94
9) Benzaldehyde	7.485	77	8213	4.797	ng	96
10) Phenol	7.526	94	10379	7.522	ng	95
11) bis(2-Chloroethyl)ether	7.756	93	7695	7.396	ng	97
12) 1,3-Dichlorobenzene	8.249	146	8911	8.197	ng	98
13) 1,4-Dichlorobenzene	8.396	146	8609	7.884	ng	97
14) 1,2-Dichlorobenzene	8.719	146	8729	8.281	ng	96
15) Benzyl Alcohol	8.596	79	7355	6.237	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.883	45	8941	6.818	ng	98
17) 2-Methylphenol	8.795	107	6903	6.940	ng	91
18) Hexachloroethane	9.453	117	3285	8.336	ng	94
19) n-Nitroso-di-n-propyla...	9.154	70	7436	6.890	ng	# 93
20) 3+4-Methylphenols	9.130	107	9320	6.843	ng	86
22) Acetophenone	9.189	105	13660	7.365	ng	# 96
24) Nitrobenzene	9.577	77	11080	7.110	ng	97
25) Isophorone	10.099	82	20059	6.700	ng	99
26) 2-Nitrophenol	10.299	139	4760	7.980	ng	89
27) 2,4-Dimethylphenol	10.340	122	7783	7.452	ng	95
28) bis(2-Chloroethoxy)met...	10.575	93	10855	7.237	ng	98
29) 2,4-Dichlorophenol	10.845	162	8484	7.658	ng	98
30) 1,2,4-Trichlorobenzene	11.057	180	10286	8.050	ng	92
31) Naphthalene	11.245	128	26183	7.558	ng	97
32) Benzoic acid	10.528	122	259	5.105	ng	89
33) 4-Chloroaniline	11.351	127	11681	7.508	ng	95
34) Hexachlorobutadiene	11.515	225	7808	8.235	ng	90
35) Caprolactam	12.091	113	2562	6.770	ng	94
36) 4-Chloro-3-methylphenol	12.449	107	9877	7.846	ng	90
37) 2-Methylnaphthalene	12.825	142	20889	7.669	ng	98
38) 1-Methylnaphthalene	13.043	142	19555	7.617	ng	96
40) 1,2,4,5-Tetrachloroben...	13.189	216	14954	8.163	ng	96
41) Hexachlorocyclopentadiene	13.154	237	1737	8.112	ng	87
43) 2,4,6-Trichlorophenol	13.424	196	8095	7.254	ng	89

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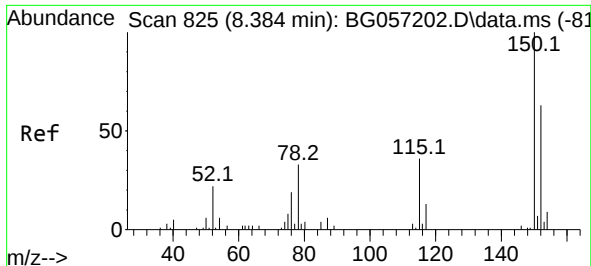
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	9004	6.859	ng	# 94
46) 1,1'-Biphenyl	13.806	154	30800	8.044	ng	94
47) 2-Chloronaphthalene	13.865	162	23134	8.125	ng	95
48) 2-Nitroaniline	14.059	65	6395	6.606	ng	93
49) Acenaphthylene	14.699	152	35867	7.754	ng	99
50) Dimethylphthalate	14.405	163	30668	7.233	ng	99
51) 2,6-Dinitrotoluene	14.535	165	6646	7.677	ng	91
52) Acenaphthene	15.034	154	22130	7.656	ng	98
53) 3-Nitroaniline	14.875	138	6231	7.184	ng	92
54) 2,4-Dinitrophenol	15.110	184	918	6.523	ng	# 83
55) Dibenzofuran	15.363	168	38292	7.885	ng	95
56) 4-Nitrophenol	15.193	139	3172	5.499	ng	# 83
57) 2,4-Dinitrotoluene	15.328	165	9061	7.323	ng	# 98
58) Fluorene	16.009	166	31567	7.891	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.598	232	9076	7.626	ng	# 95
60) Diethylphthalate	15.751	149	30516	7.087	ng	99
61) 4-Chlorophenyl-phenyle...	15.991	204	18243	7.570	ng	94
62) 4-Nitroaniline	16.033	138	6290	7.189	ng	# 81
63) Azobenzene	16.285	77	28683	6.904	ng	96
65) 4,6-Dinitro-2-methylph...	16.091	198	4594	5.818	ng	99
66) n-Nitrosodiphenylamine	16.203	169	27334	7.609	ng	95
67) 4-Bromophenyl-phenylether	16.884	248	12192	7.551	ng	97
68) Hexachlorobenzene	17.019	284	12970	8.267	ng	98
69) Atrazine	17.131	200	11721	8.554	ng	98
70) Pentachlorophenol	17.384	266	2486	2.749	ng	# 83
71) Phenanthrene	17.754	178	53297	7.864	ng	99
72) Anthracene	17.848	178	53046	7.628	ng	97
73) Carbazole	18.112	167	45679	7.803	ng	100
74) Di-n-butylphthalate	18.629	149	49632	7.368	ng	# 98
75) Fluoranthene	19.745	202	63498	7.533	ng	99
77) Benzidine	19.910	184	32676	11.921	ng	99
78) Pyrene	20.104	202	65147	7.312	ng	98
80) Butylbenzylphthalate	20.955	149	20643	7.302	ng	94
81) Benzo(a)anthracene	21.995	228	65926	7.547	ng	100
82) 3,3'-Dichlorobenzidine	21.895	252	26107	9.331	ng	94
83) Chrysene	22.071	228	63121	7.680	ng	97
84) Bis(2-ethylhexyl)phtha...	21.842	149	29443	7.039	ng	97
85) Di-n-octyl phthalate	23.135	149	51720	7.417	ng	97
87) Indeno(1,2,3-cd)pyrene	29.555	276	72101	7.607	ng	# 96
88) Benzo(b)fluoranthene	24.392	252	67783	7.973	ng	99
89) Benzo(k)fluoranthene	24.468	252	65640	7.598	ng	99
90) Benzo(a)pyrene	25.349	252	57461	6.918	ng	99
91) Dibenzo(a,h)anthracene	29.602	278	59235	7.504	ng	# 94
92) Benzo(g,h,i)perylene	30.824	276	58108	7.539	ng	100

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

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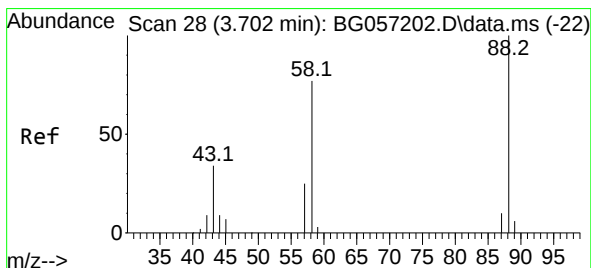
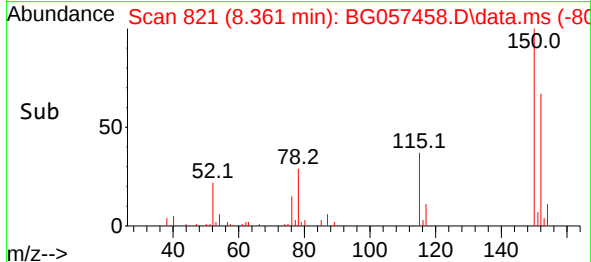
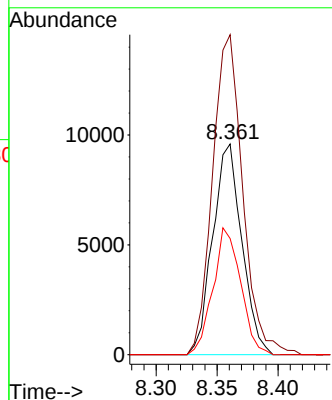
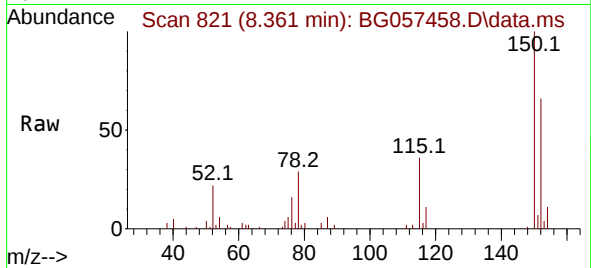
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

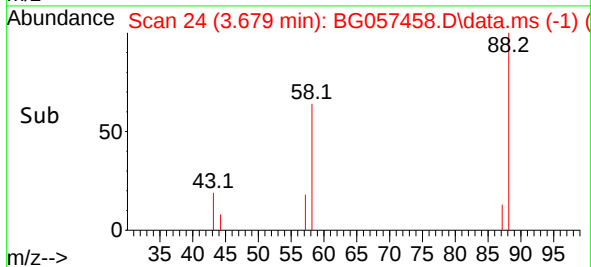
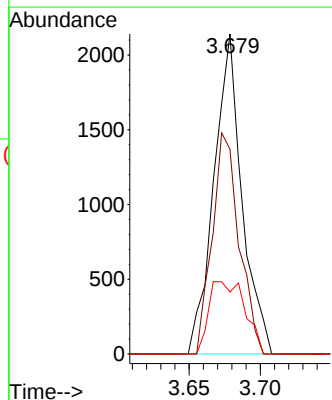
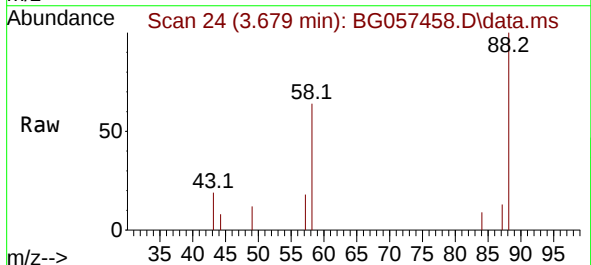
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:152 Resp: 15945
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.4
115 55.1 45.0 67.4



#2
1,4-Dioxane
Concen: 7.626 ng
RT: 3.679 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion: 88 Resp: 2939
Ion Ratio Lower Upper
88 100
58 66.2 57.1 85.7
43 29.3 24.4 36.6

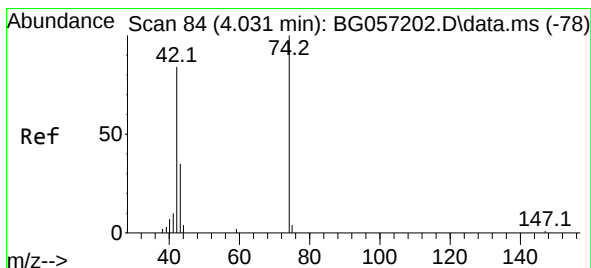
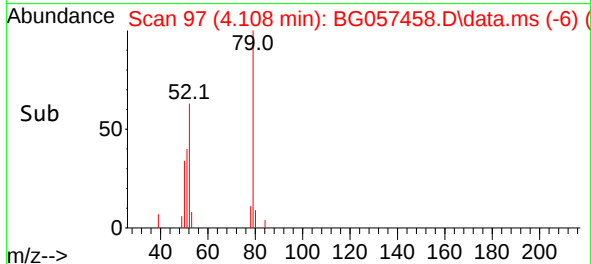
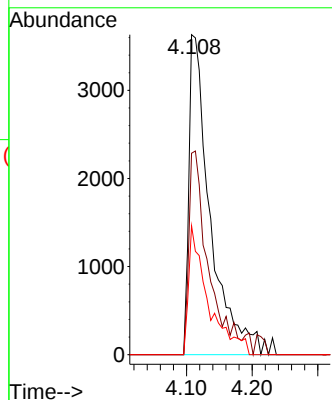
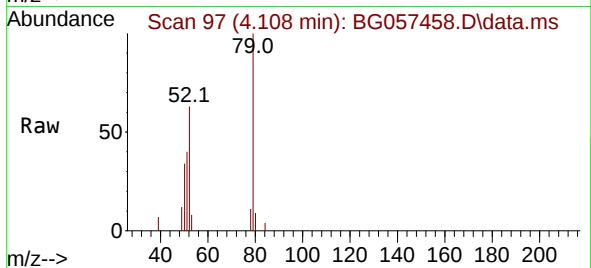




#3
Pyridine
Concen: 6.655 ng
RT: 4.108 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

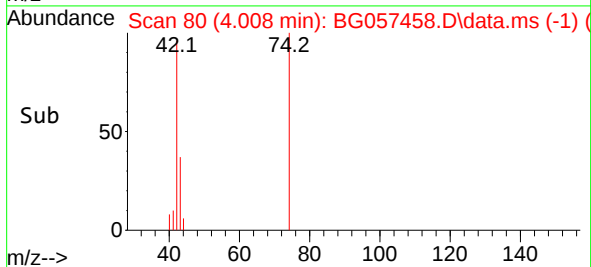
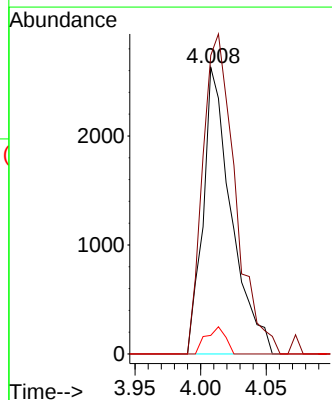
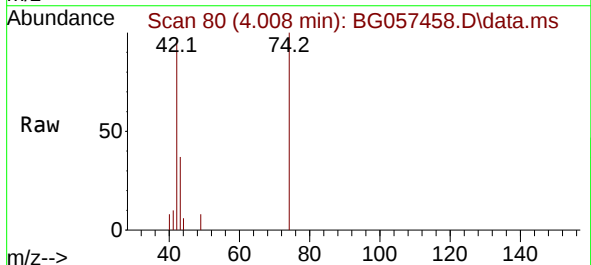
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 79 Resp: 8243
Ion Ratio Lower Upper
79 100
52 63.0 51.4 77.0
51 40.3 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 6.754 ng
RT: 4.008 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion: 42 Resp: 3931
Ion Ratio Lower Upper
42 100
74 104.2 95.1 142.7
44 6.5 5.8 8.8

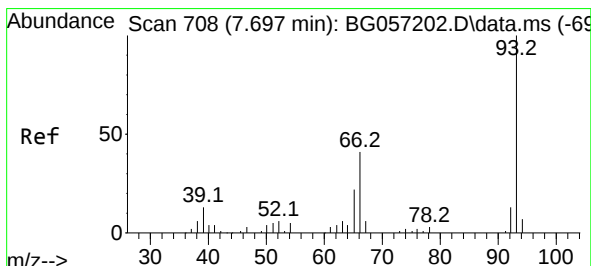
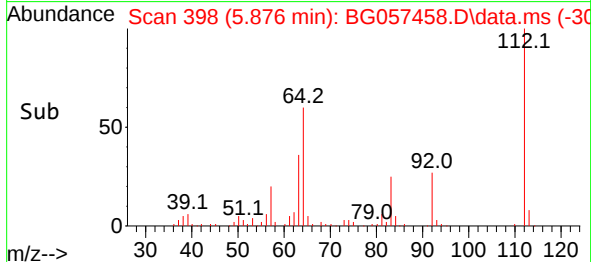
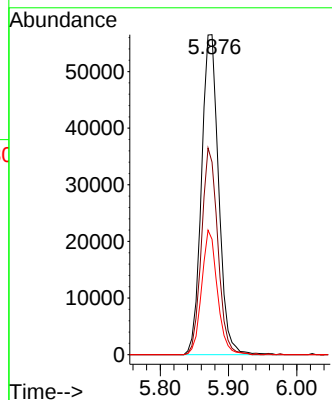
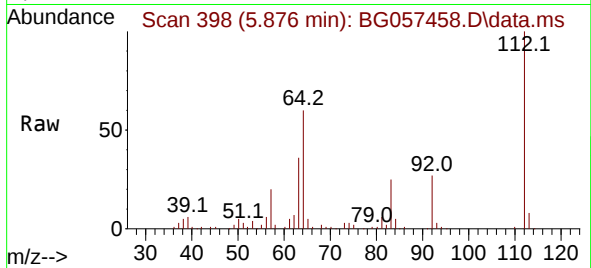




#5
2-Fluorophenol
Concen: 105.991 ng
RT: 5.876 min Scan# 398
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

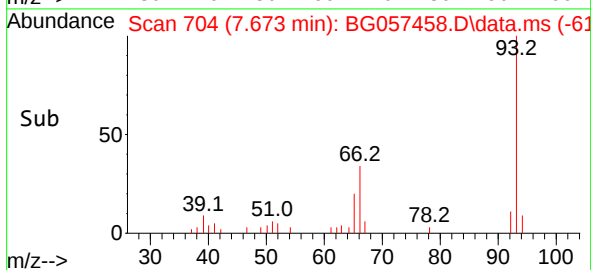
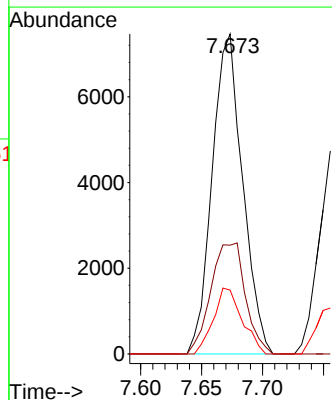
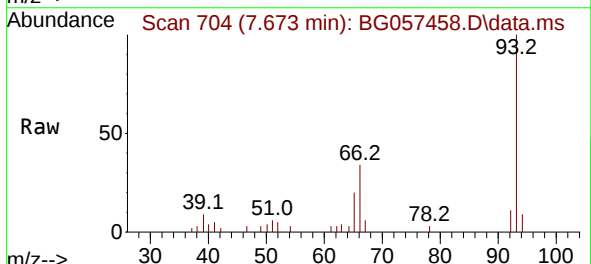
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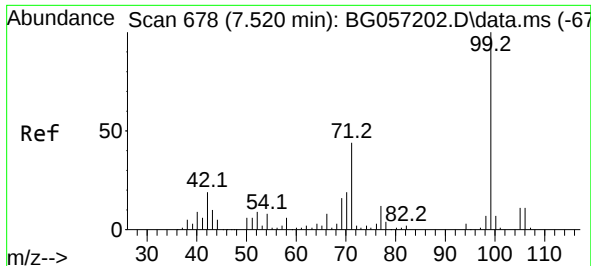
Tgt Ion:112 Resp: 98797
Ion Ratio Lower Upper
112 100
64 60.2 49.4 74.2
63 36.1 31.6 47.4



#6
Aniline
Concen: 7.206 ng
RT: 7.673 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion: 93 Resp: 12940
Ion Ratio Lower Upper
93 100
66 34.0 33.0 49.6
65 20.0 18.0 27.0

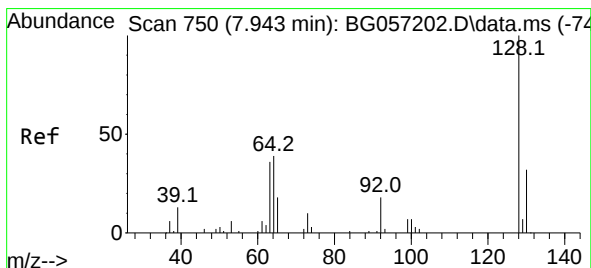
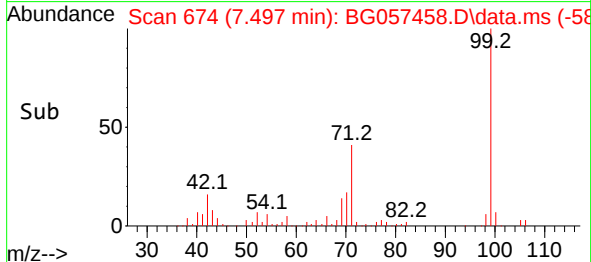
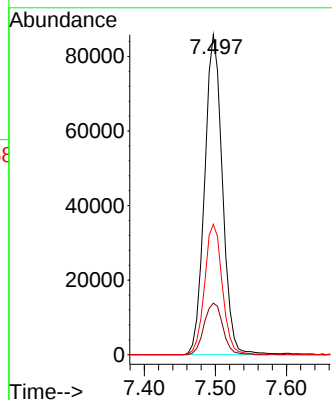
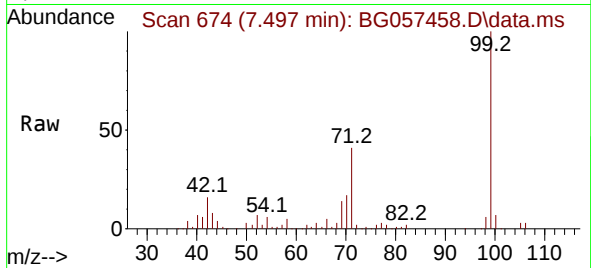




#7
Phenol-d6
Concen: 105.714 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

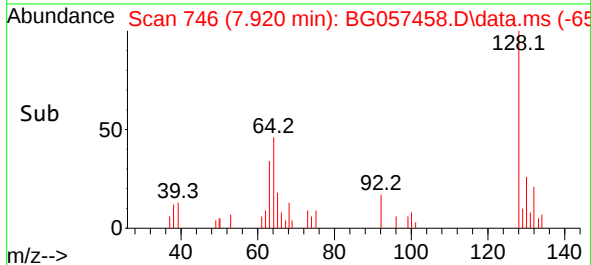
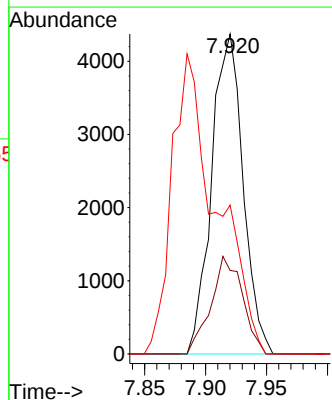
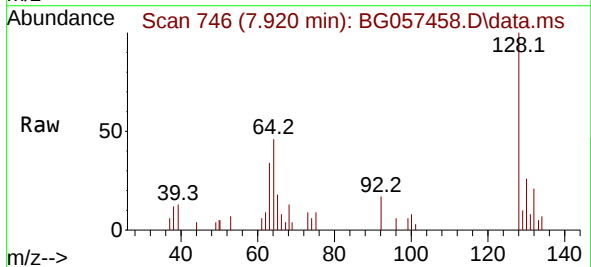
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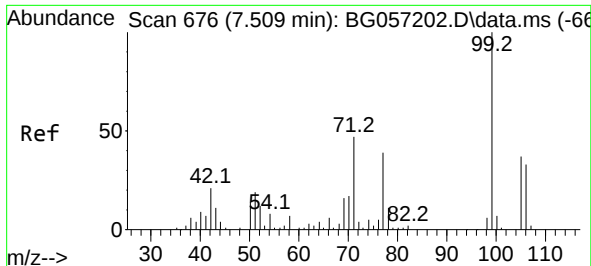
Tgt Ion: 99 Resp: 149635
Ion Ratio Lower Upper
99 100
42 16.1 15.1 22.7
71 40.8 35.2 52.8



#8
2-Chlorophenol
Concen: 7.973 ng
RT: 7.920 min Scan# 746
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion: 128 Resp: 7853
Ion Ratio Lower Upper
128 100
130 26.1 12.2 52.2
64 46.5 28.4 68.4

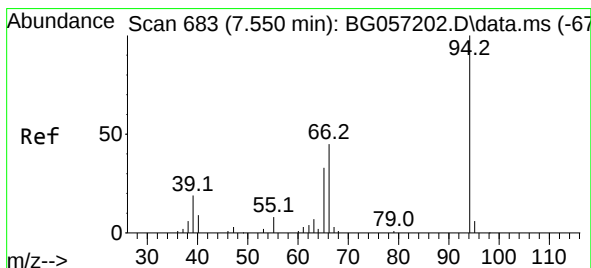
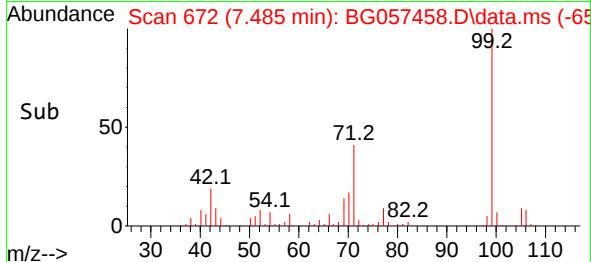
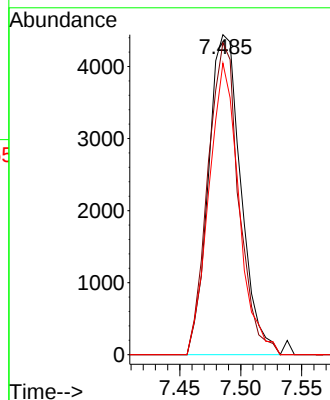
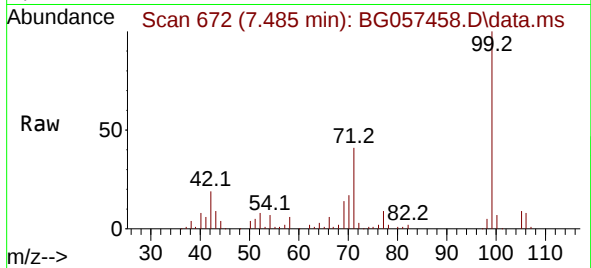




#9
Benzaldehyde
Concen: 4.797 ng
RT: 7.485 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

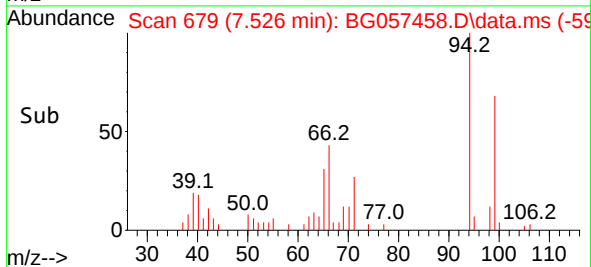
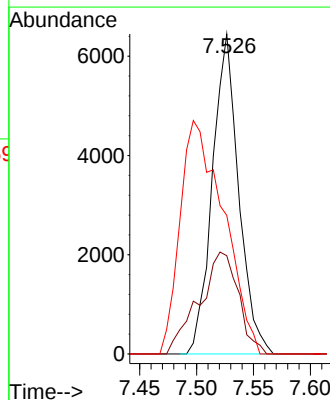
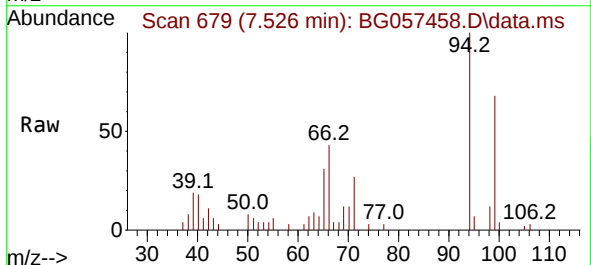
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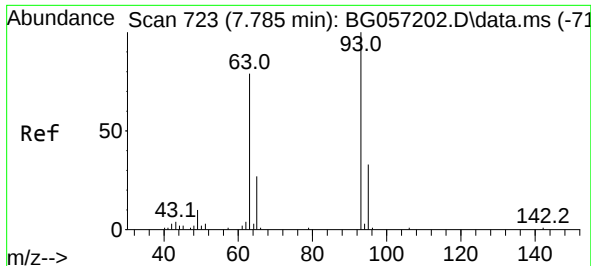
Tgt Ion: 77 Resp: 8213
Ion Ratio Lower Upper
77 100
105 97.4 74.6 114.6
106 91.1 66.3 106.3



#10
Phenol
Concen: 7.522 ng
RT: 7.526 min Scan# 679
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion: 94 Resp: 10379
Ion Ratio Lower Upper
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65 30.7 13.5 53.5
66 43.3 26.7 66.7

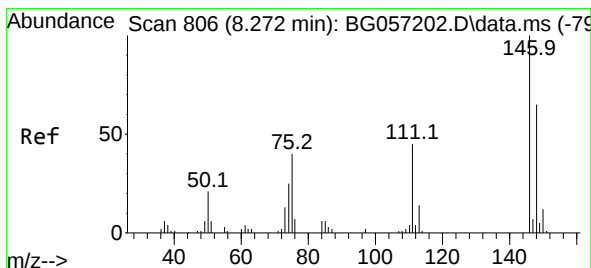
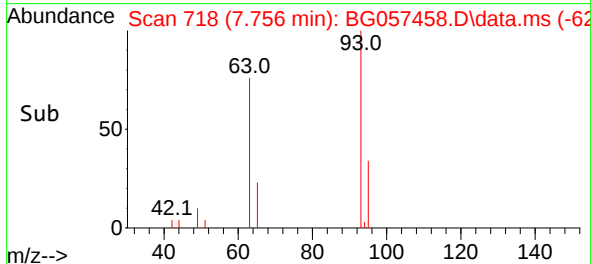
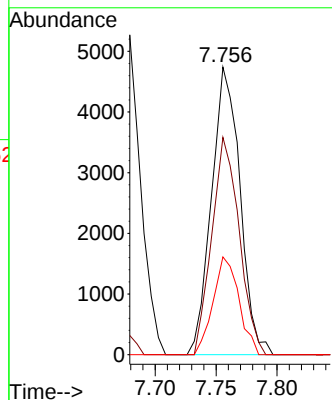
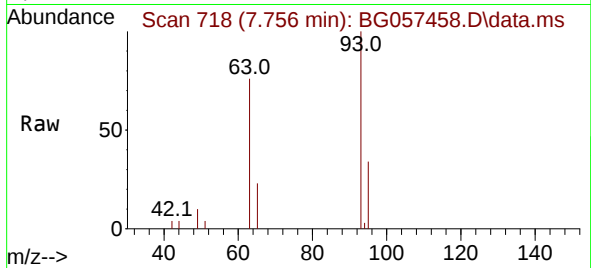




#11
bis(2-Chloroethyl)ether
Concen: 7.396 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

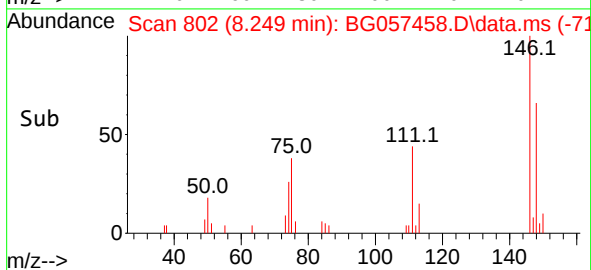
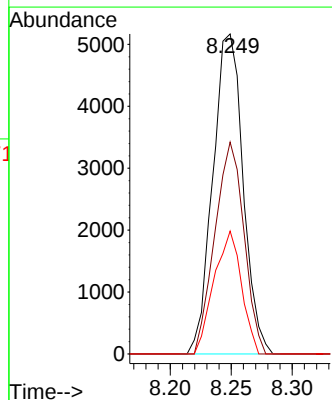
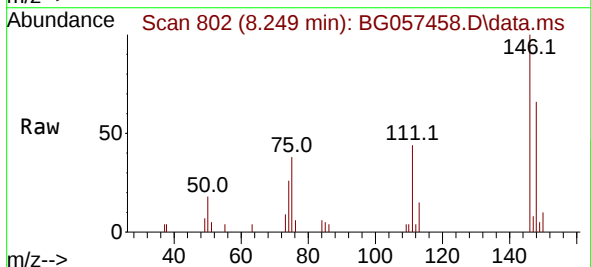
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

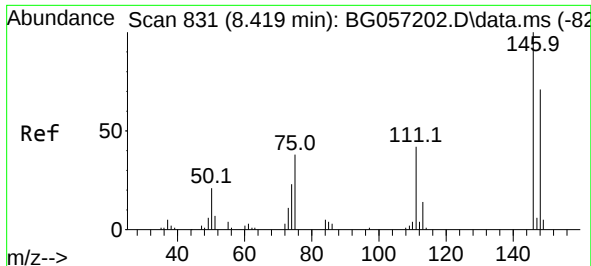
Tgt Ion: 93	Resp:	7695	
Ion	Ratio	Lower	Upper
93	100		
63	75.6	58.6	98.6
95	34.0	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 8.197 ng
RT: 8.249 min Scan# 802
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:146	Resp:	8911	
Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.2	78.2
75	38.4	31.7	47.5





#13

1,4-Dichlorobenzene

Concen: 7.884 ng

RT: 8.396 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057458.D

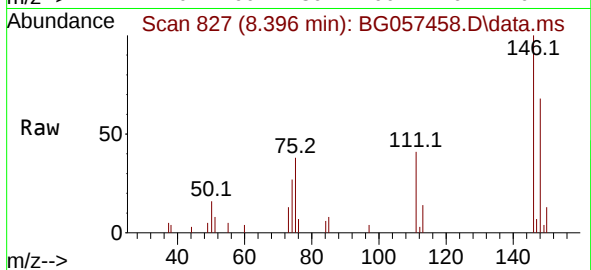
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



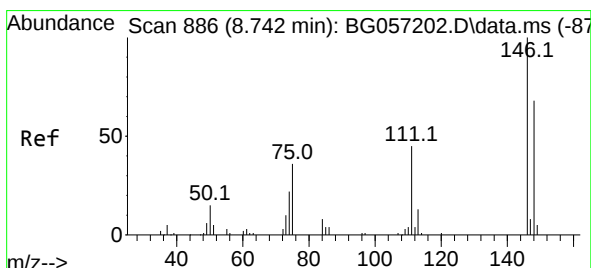
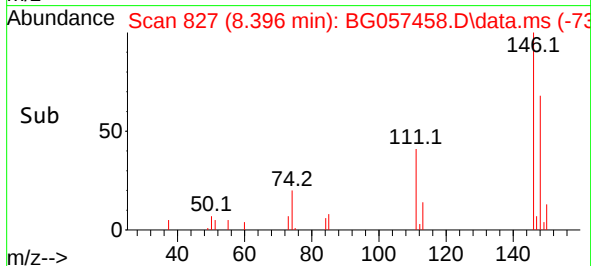
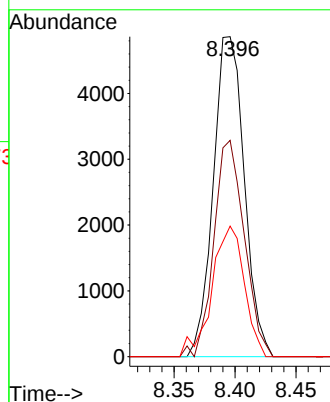
Tgt Ion:146 Resp: 8609

Ion Ratio Lower Upper

146 100

148 67.6 56.4 84.6

111 40.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 8.281 ng

RT: 8.719 min Scan# 882

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

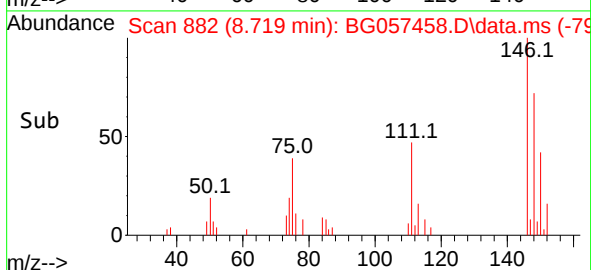
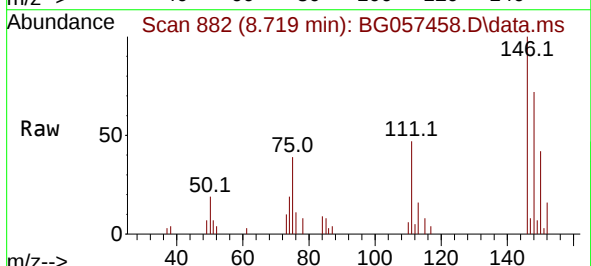
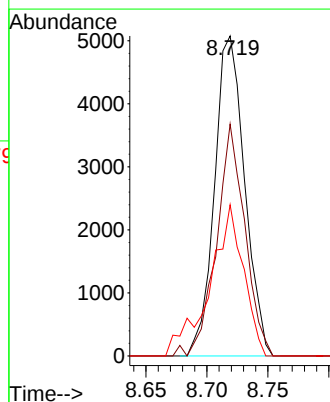
Tgt Ion:146 Resp: 8729

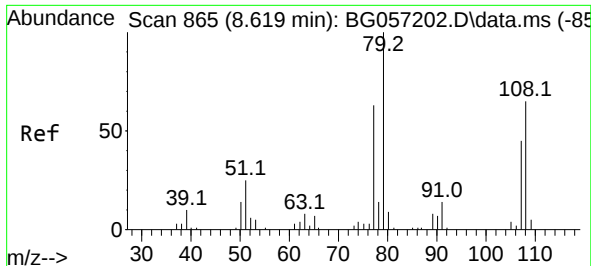
Ion Ratio Lower Upper

146 100

148 72.5 54.6 82.0

111 47.3 37.2 55.8

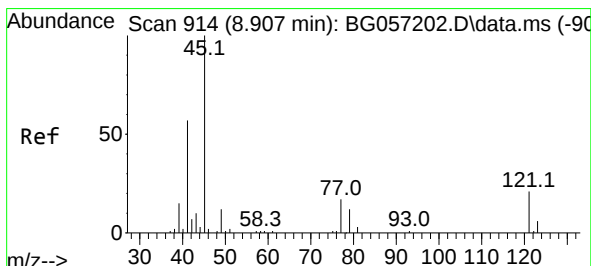
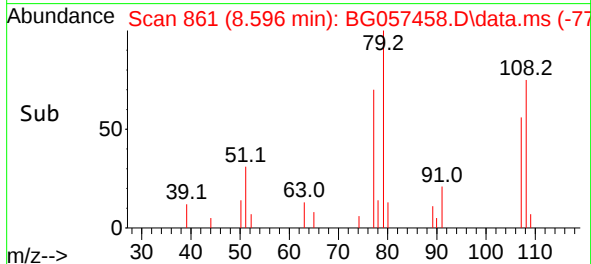
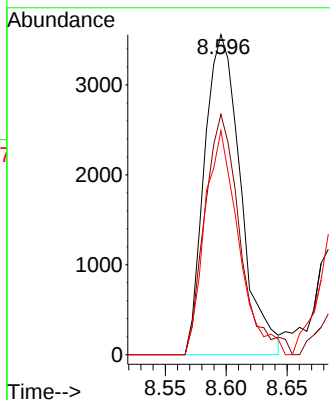
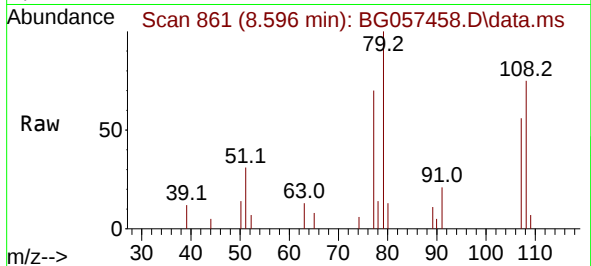




#15
Benzyl Alcohol
Concen: 6.237 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

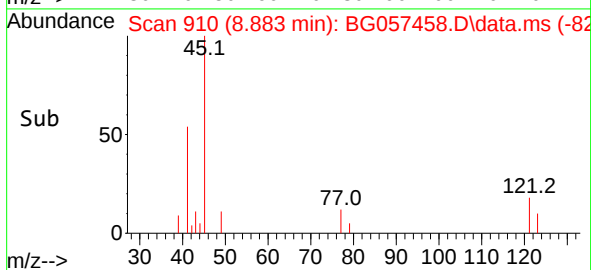
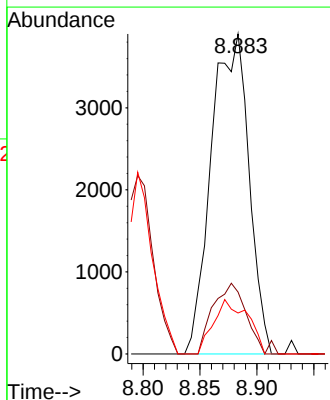
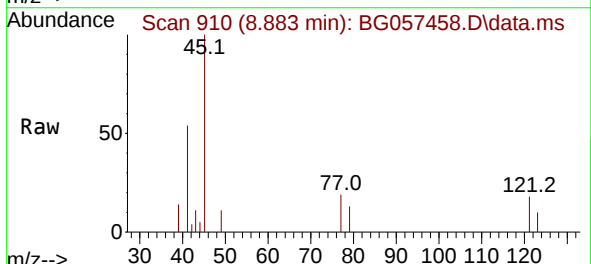
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

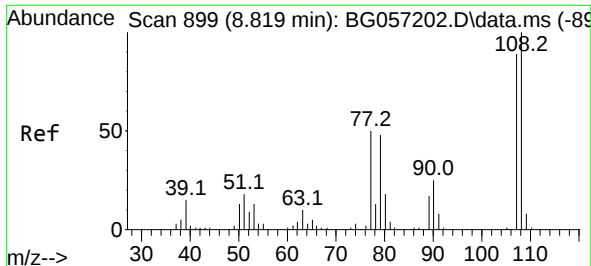
Tgt Ion: 79	Resp: 7355		
Ion Ratio	Lower	Upper	
79	100		
108	75.1	52.2	78.2
77	70.0	50.1	75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.818 ng
RT: 8.883 min Scan# 910
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion: 45	Resp: 8941
Ion Ratio	Lower Upper
45 100	
77 19.3	0.0 38.5
79 12.8	0.0 33.8





#17

2-Methylphenol

Concen: 6.940 ng

RT: 8.795 min Scan# 899

Delta R.T. -0.009 min

Lab File: BG057458.D

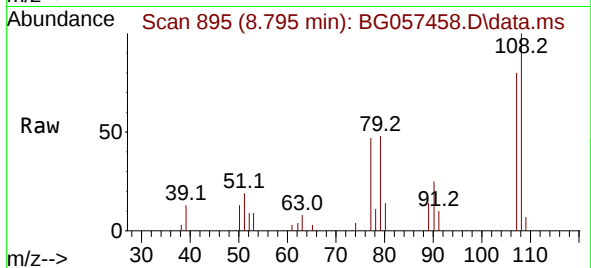
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:107 Resp: 6903

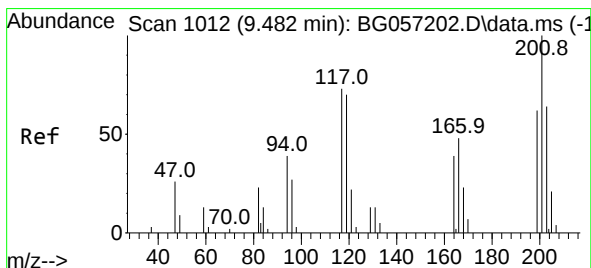
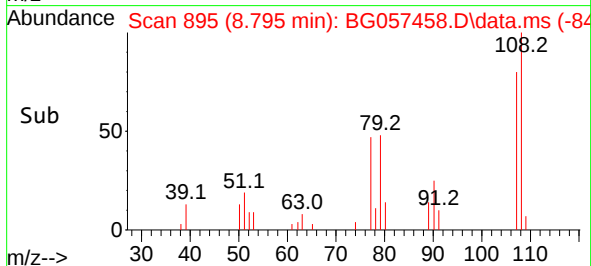
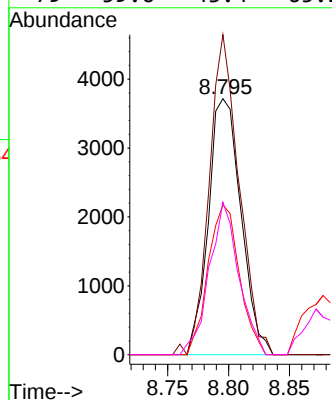
Ion Ratio Lower Upper

107 100

108 125.0 89.5 134.3

77 58.5 45.1 67.7

79 59.6 43.4 65.2



#18

Hexachloroethane

Concen: 8.336 ng

RT: 9.453 min Scan# 1007

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

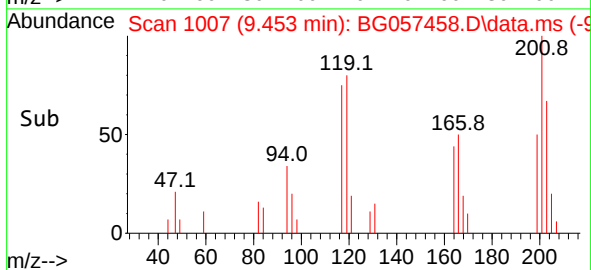
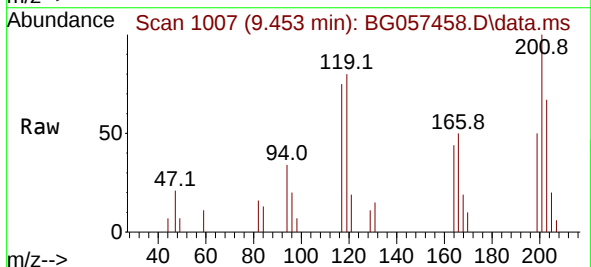
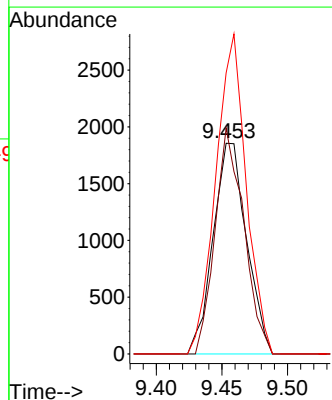
Tgt Ion:117 Resp: 3285

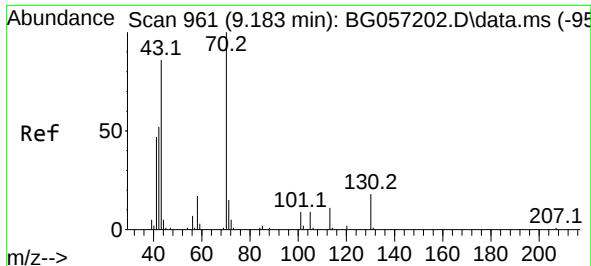
Ion Ratio Lower Upper

117 100

119 107.2 76.7 115.1

201 133.4 109.0 163.4

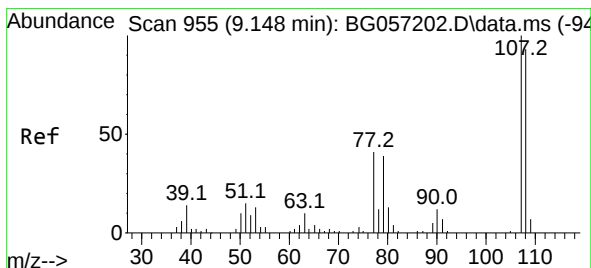
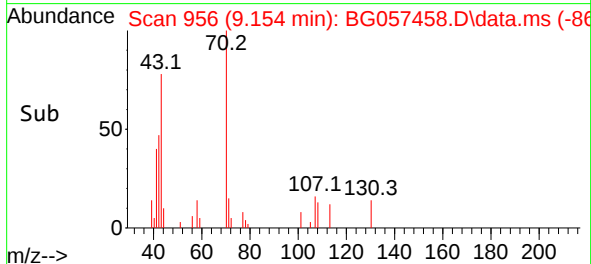
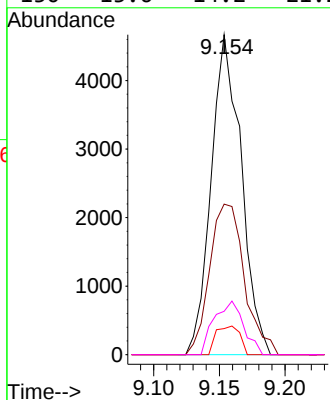
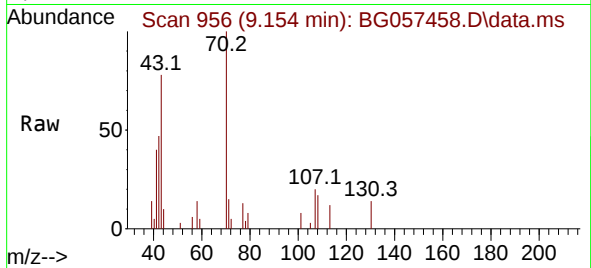




#19
n-Nitroso-di-n-propylamine
Concen: 6.890 ng
RT: 9.154 min Scan# 91
Delta R.T. -0.015 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

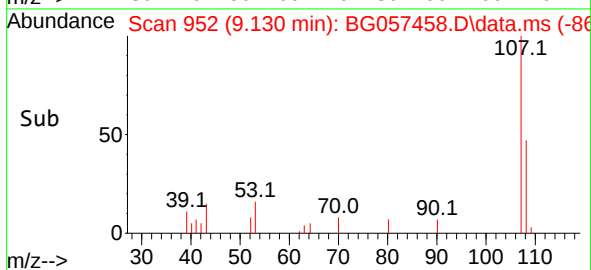
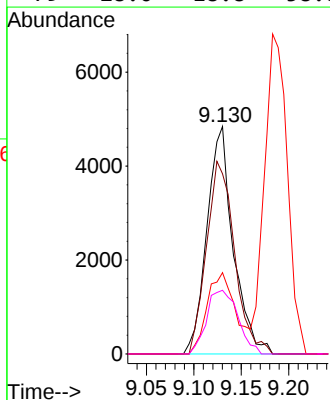
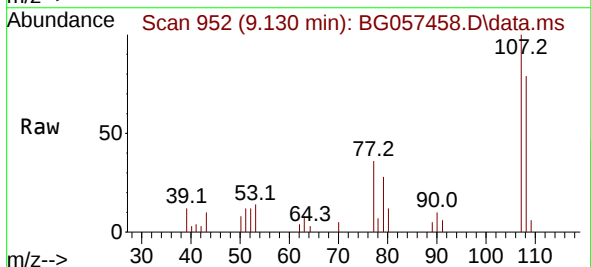
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

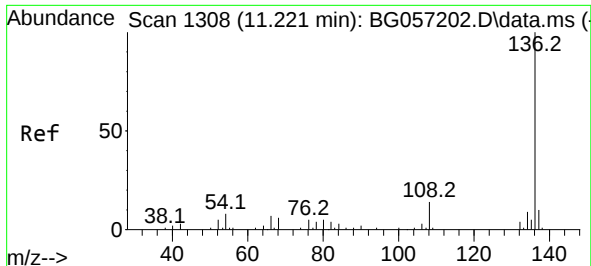
Tgt Ion:	70	Resp:	7436
Ion	Ratio	Lower	Upper
70	100		
42	47.0	41.8	62.8
101	8.2	6.8	10.2
130	13.6	14.2	21.2



#20
3+4-Methylphenols
Concen: 6.843 ng
RT: 9.130 min Scan# 952
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:	107	Resp:	9320
Ion	Ratio	Lower	Upper
107	100		
108	79.2	73.5	113.5
77	35.7	21.1	61.1
79	28.0	18.8	58.8

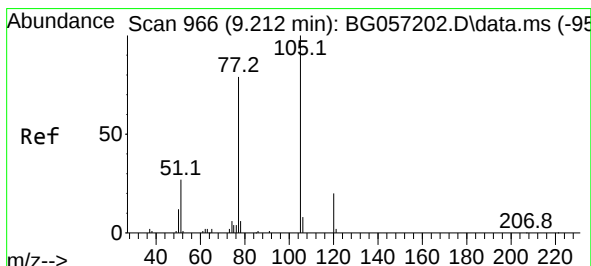
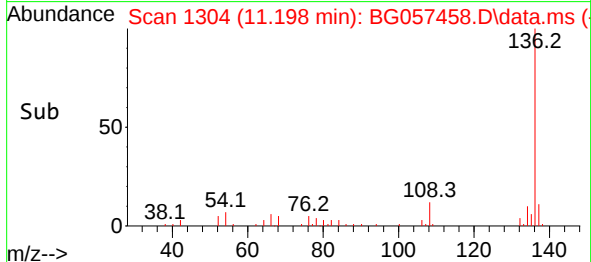
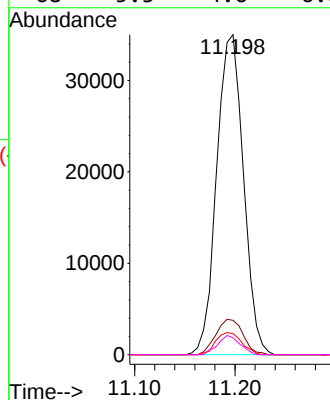
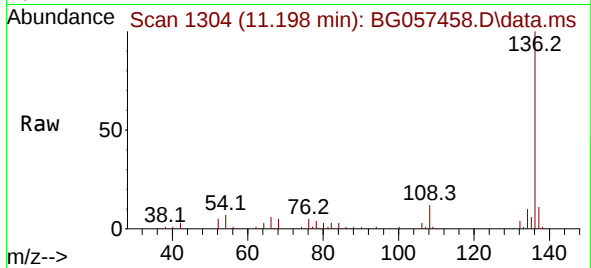




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

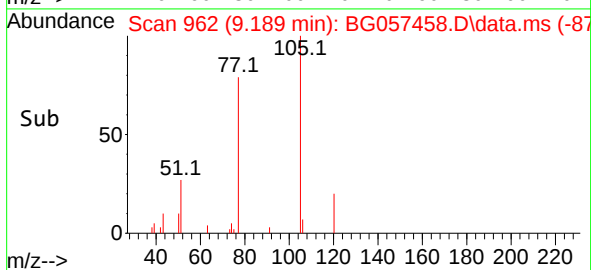
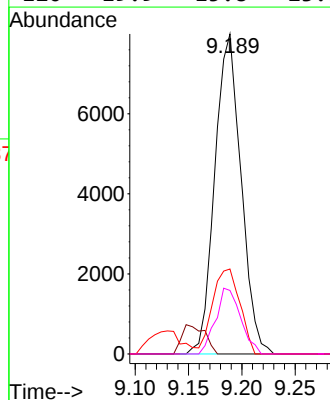
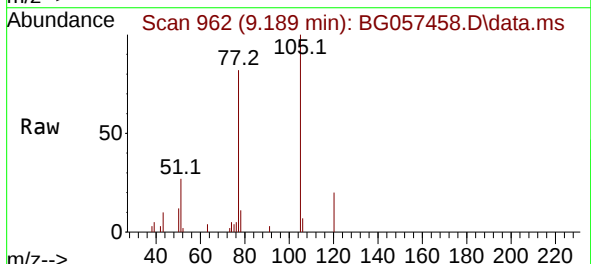
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

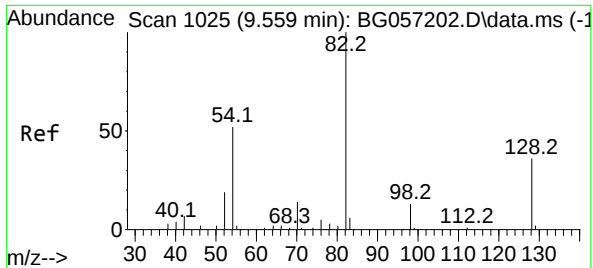
Tgt Ion:136	Resp:	64801
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.3 12.5
54	6.6	6.7 10.1#
68	5.3	4.6 6.8



#22
Acetophenone
Concen: 7.365 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:105	Resp:	13660
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.4 0.6#
51	26.5	24.0 36.0
120	19.9	15.8 23.8

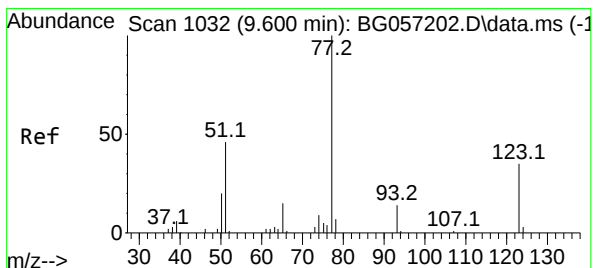
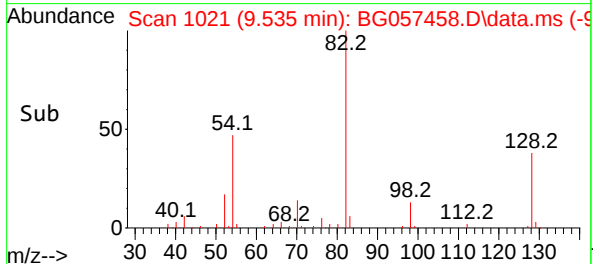
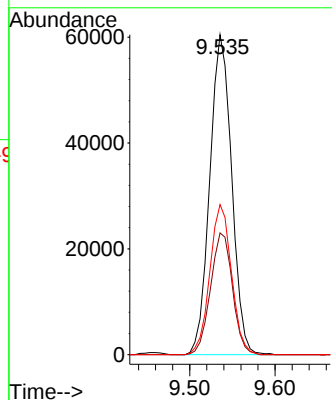
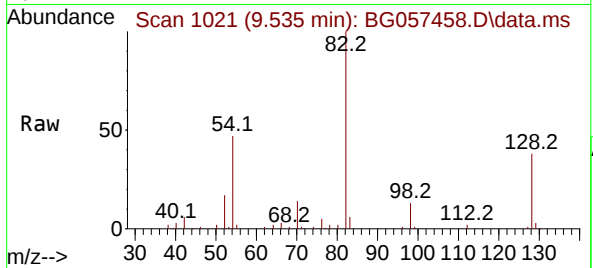




#23
Nitrobenzene-d5
Concen: 69.673 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

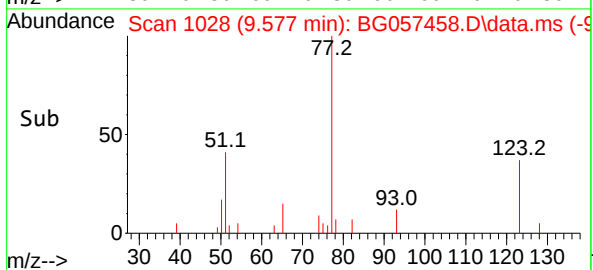
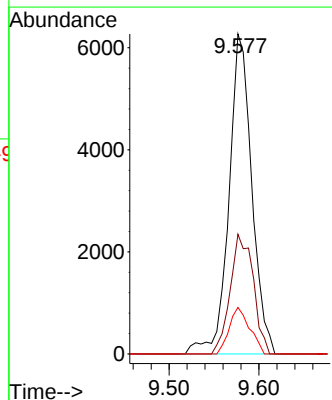
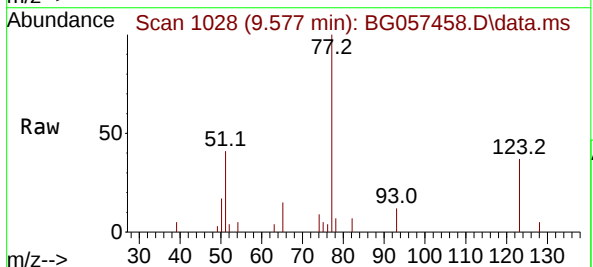
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

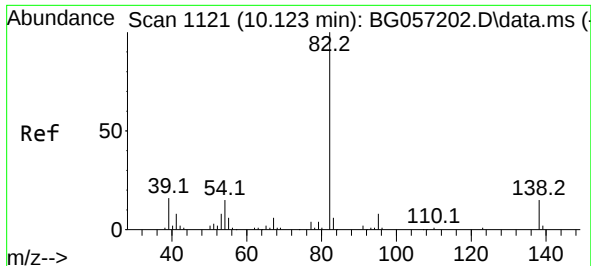
Tgt Ion: 82 Resp: 107572
Ion Ratio Lower Upper
82 100
128 38.0 29.0 43.4
54 46.9 41.4 62.0



#24
Nitrobenzene
Concen: 7.110 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion: 77 Resp: 11080
Ion Ratio Lower Upper
77 100
123 37.4 28.2 42.2
65 14.6 11.7 17.5

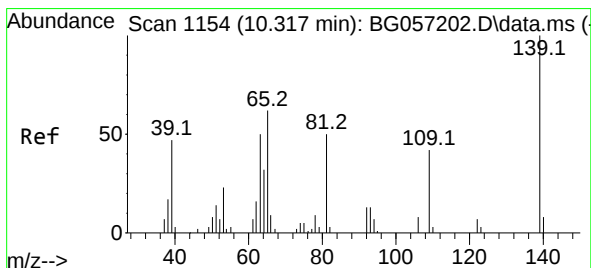
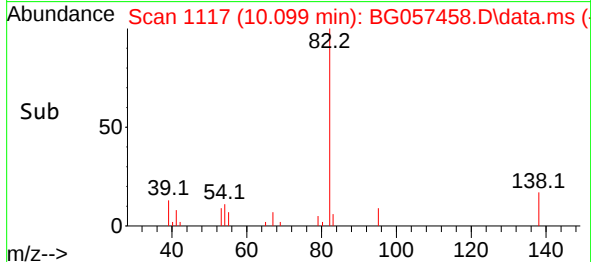
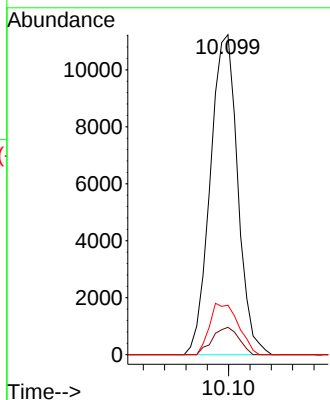
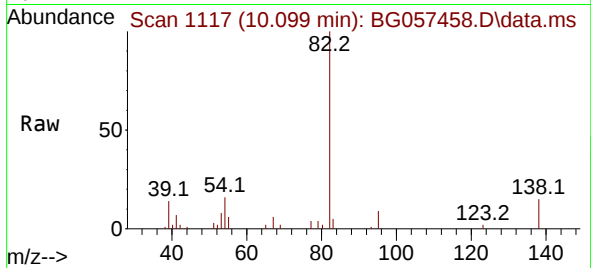




#25
Isophorone
Concen: 6.700 ng
RT: 10.099 min Scan# 1117
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

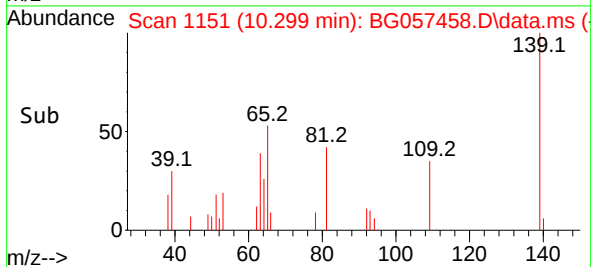
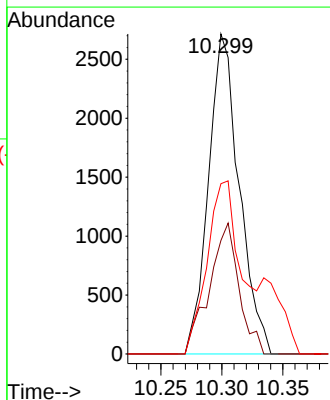
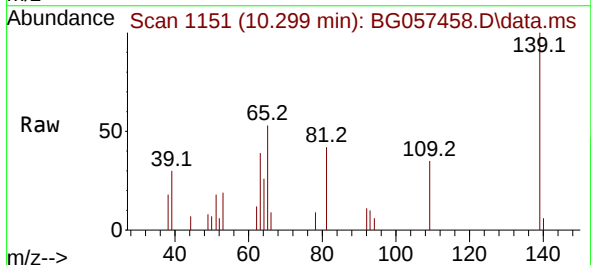
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

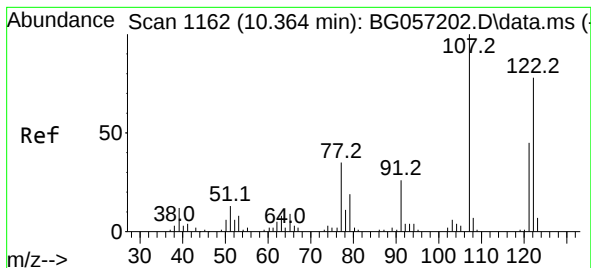
Tgt Ion: 82 Resp: 20059
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 15.5 12.3 18.5



#26
2-Nitrophenol
Concen: 7.980 ng
RT: 10.299 min Scan# 1151
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:139 Resp: 4760
Ion Ratio Lower Upper
139 100
109 35.5 33.4 50.2
65 53.2 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 7.452 ng

RT: 10.340 min Scan# 1158

Delta R.T. -0.003 min

Lab File: BG057458.D

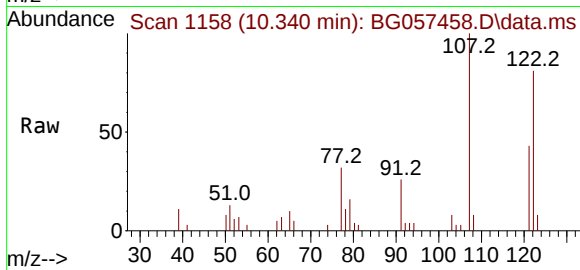
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



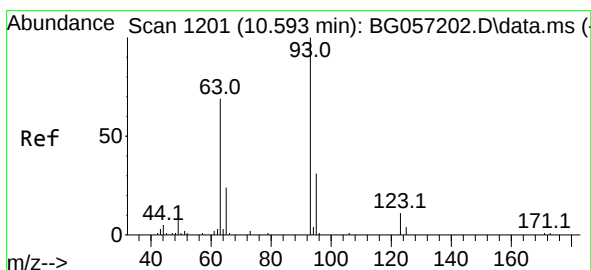
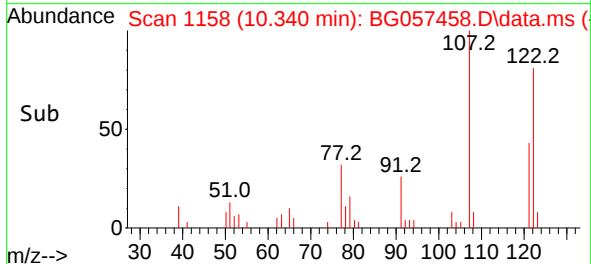
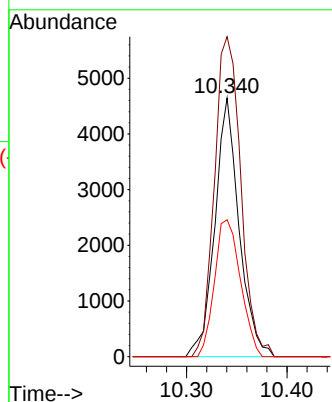
Tgt Ion:122 Resp: 7783

Ion Ratio Lower Upper

122 100

107 123.7 103.0 154.4

121 53.0 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 7.237 ng

RT: 10.575 min Scan# 1198

Delta R.T. -0.003 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

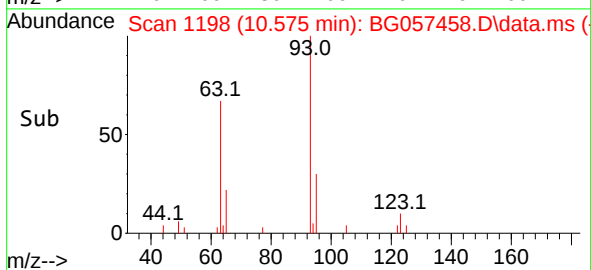
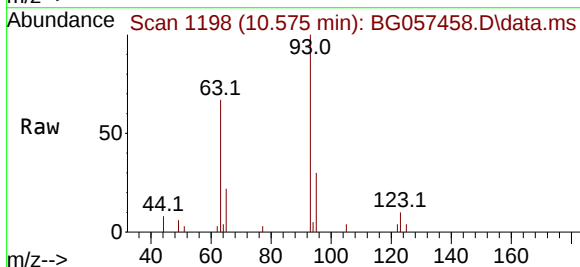
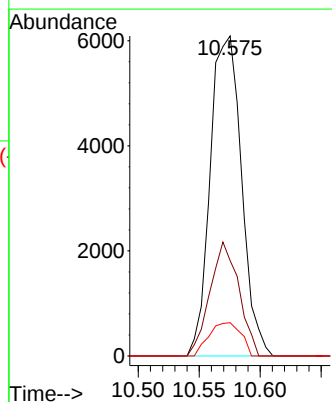
Tgt Ion: 93 Resp: 10855

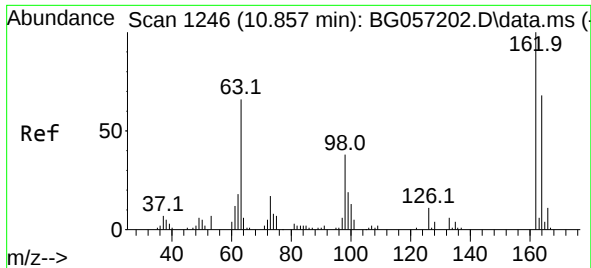
Ion Ratio Lower Upper

93 100

95 29.8 25.0 37.6

123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 7.658 ng

RT: 10.845 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057458.D

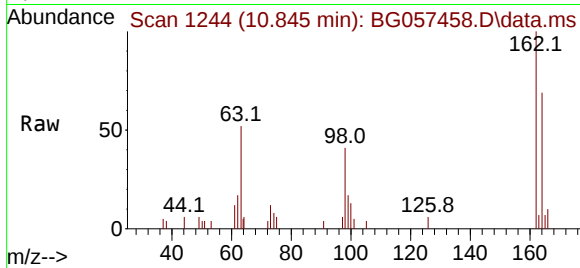
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



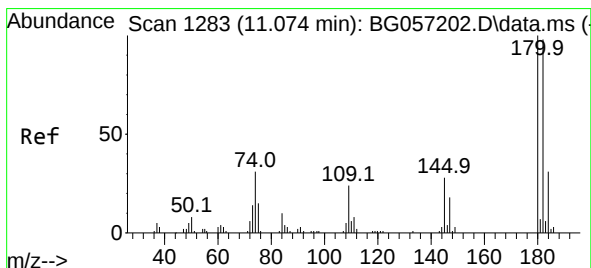
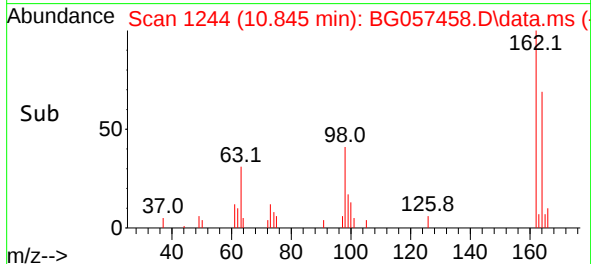
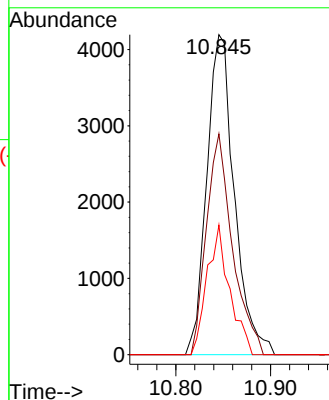
Tgt Ion:162 Resp: 8484

Ion Ratio Lower Upper

162 100

164 69.0 48.4 88.4

98 40.5 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 8.050 ng

RT: 11.057 min Scan# 1280

Delta R.T. -0.003 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

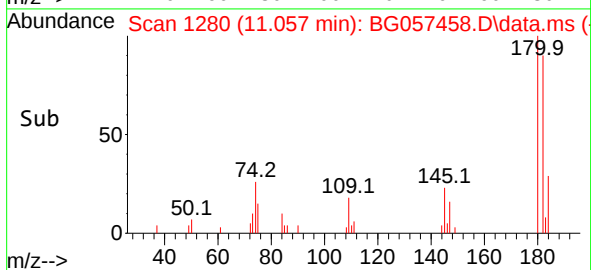
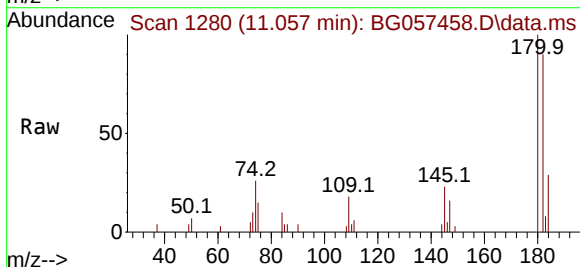
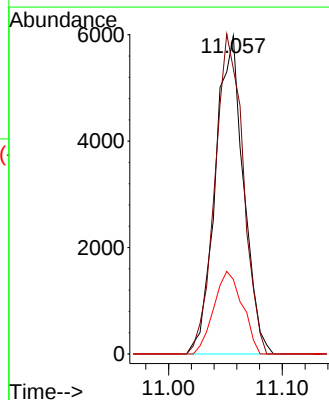
Tgt Ion:180 Resp: 10286

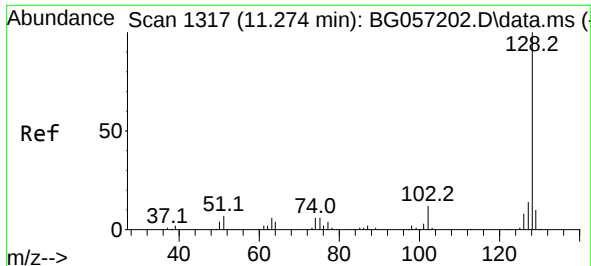
Ion Ratio Lower Upper

180 100

182 89.7 78.0 117.0

145 23.4 22.4 33.6

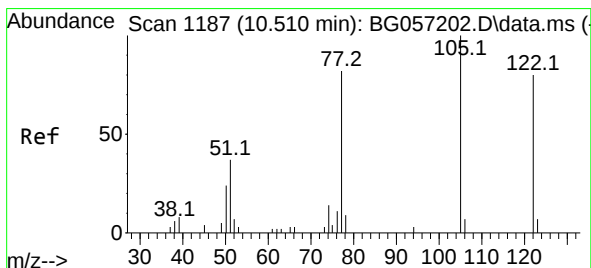
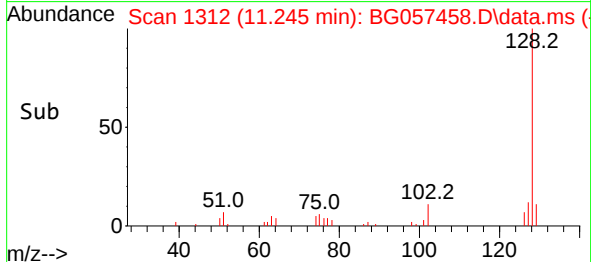
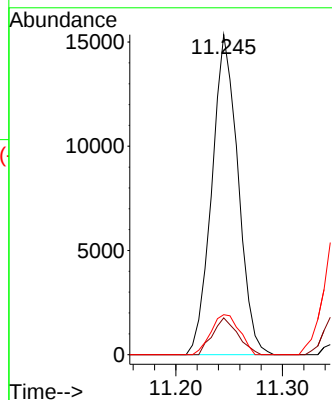
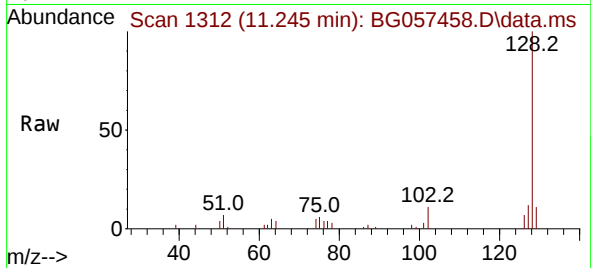




#31
Naphthalene
Concen: 7.558 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

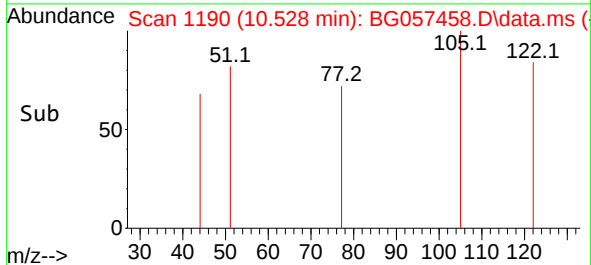
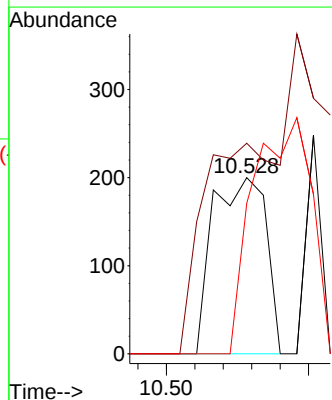
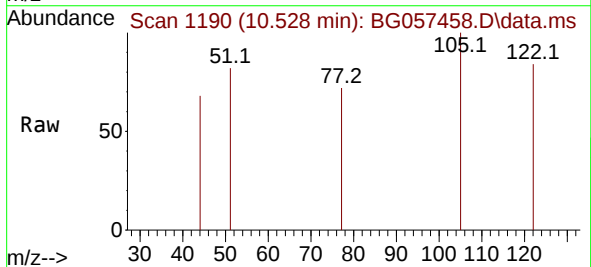
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

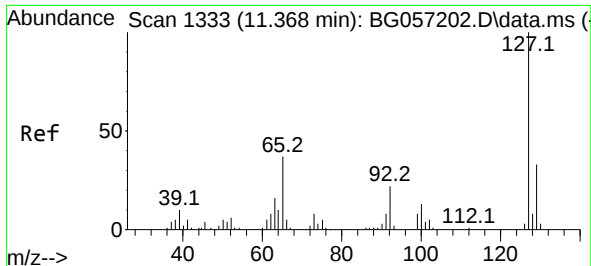
Tgt Ion:128 Resp: 26183
Ion Ratio Lower Upper
128 100
129 11.5 8.3 12.5
127 12.5 11.1 16.7



#32
Benzoic acid
Concen: 5.105 ng
RT: 10.528 min Scan# 1190
Delta R.T. 0.038 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:122 Resp: 259
Ion Ratio Lower Upper
122 100
105 119.5 105.2 145.2
77 85.5 83.1 123.1

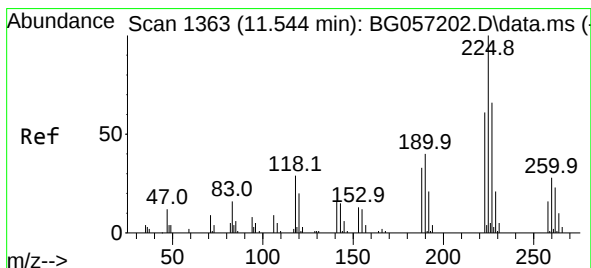
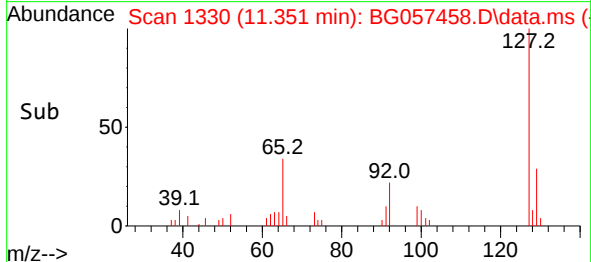
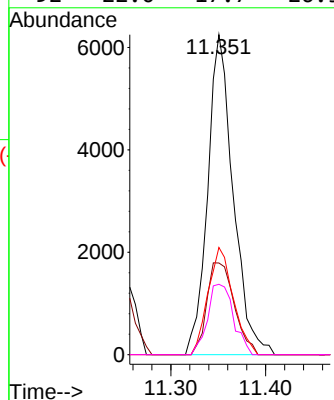
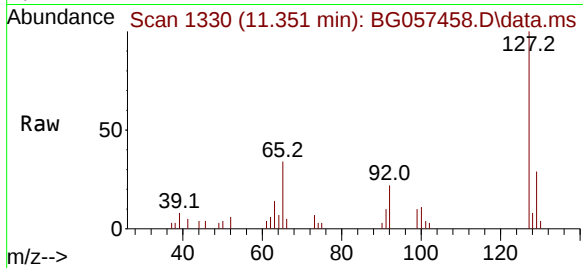




#33
4-Chloroaniline
Concen: 7.508 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

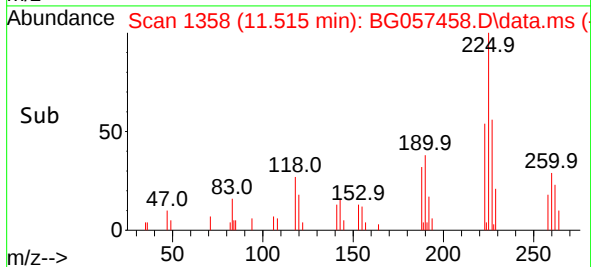
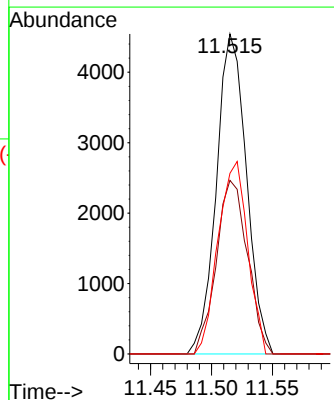
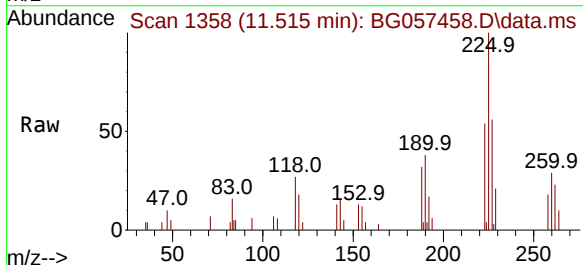
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

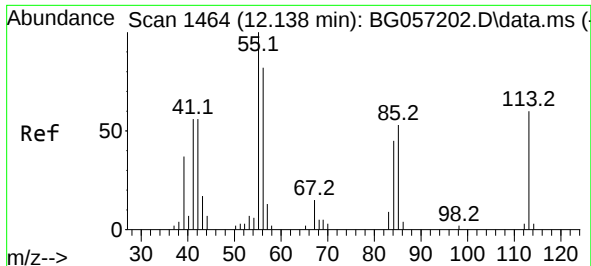
Tgt Ion:127	Resp:	11681
Ion	Ratio	Lower Upper
127	100	
129	28.6	26.7 40.1
65	33.5	29.7 44.5
92	22.0	17.7 26.5



#34
Hexachlorobutadiene
Concen: 8.235 ng
RT: 11.515 min Scan# 1358
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:225	Resp:	7808
Ion	Ratio	Lower Upper
225	100	
223	54.3	48.6 72.8
227	56.5	52.7 79.1

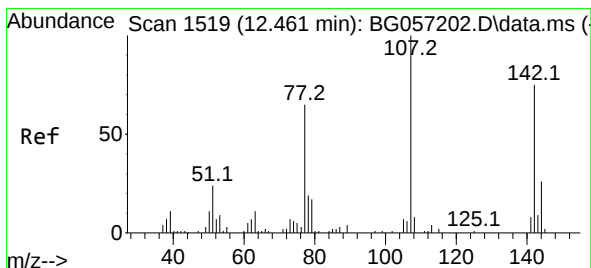
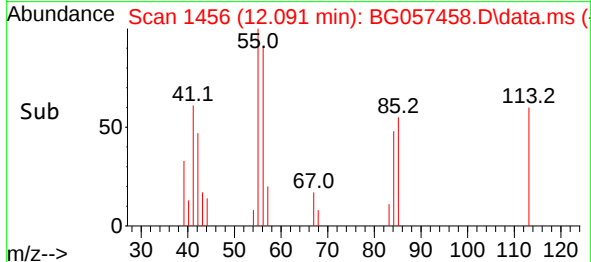
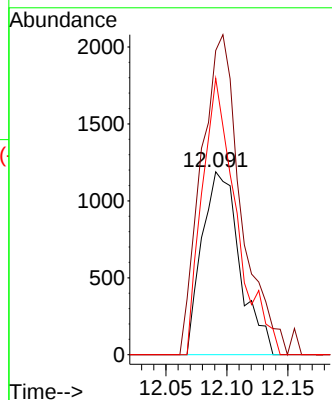
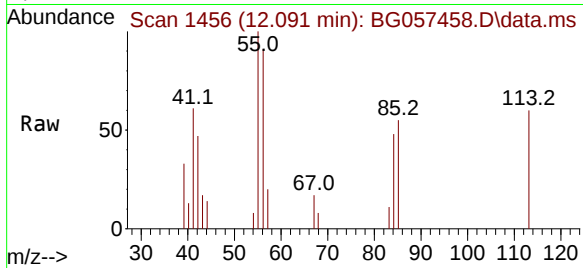




#35
 Caprolactam
 Concen: 6.770 ng
 RT: 12.091 min Scan# 1464
 Delta R.T. -0.038 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

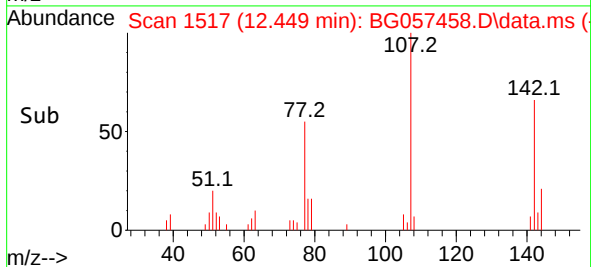
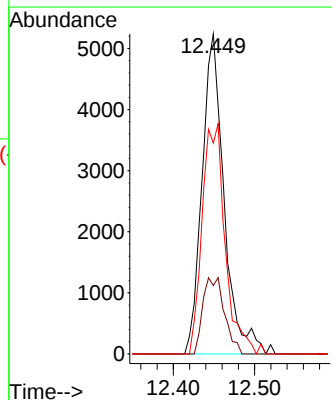
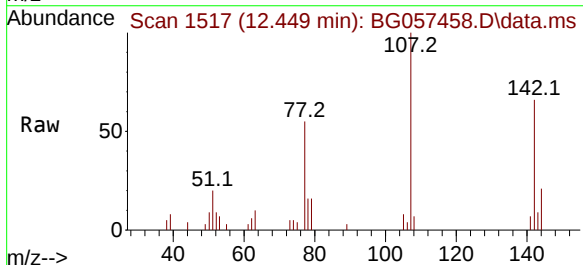
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

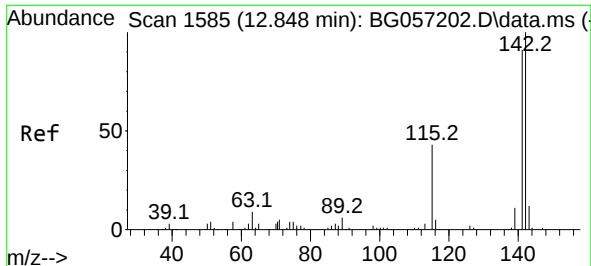
Tgt Ion:113 Resp: 2562
 Ion Ratio Lower Upper
 113 100
 55 166.3 145.5 185.5
 56 151.1 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 7.846 ng
 RT: 12.449 min Scan# 1517
 Delta R.T. -0.003 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

Tgt Ion:107 Resp: 9877
 Ion Ratio Lower Upper
 107 100
 144 21.4 21.0 31.6
 142 65.9 60.0 90.0





#37

2-Methylnaphthalene

Concen: 7.669 ng

RT: 12.825 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057458.D

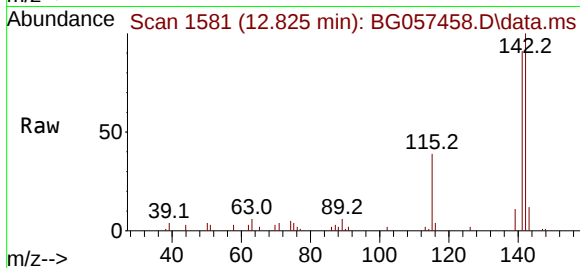
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



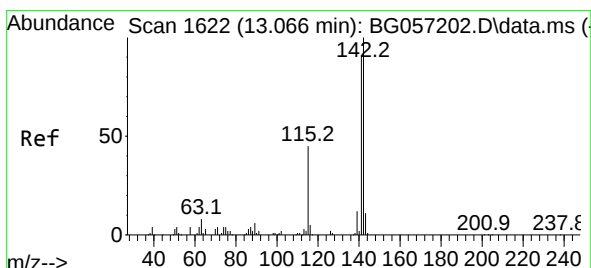
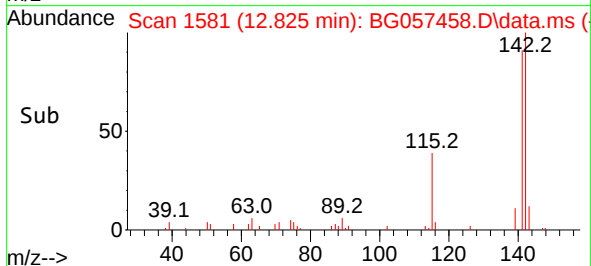
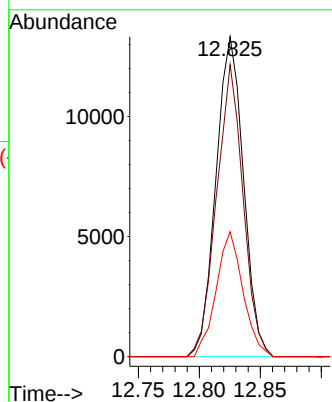
Tgt Ion:142 Resp: 20889

Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7

115 39.0 34.6 52.0



#38

1-Methylnaphthalene

Concen: 7.617 ng

RT: 13.043 min Scan# 1618

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

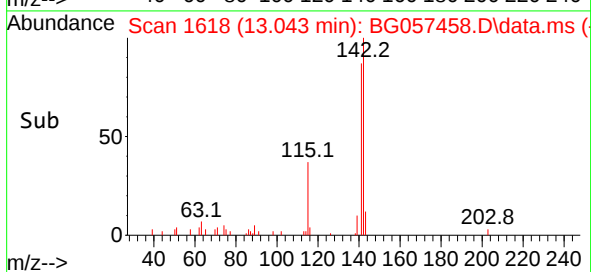
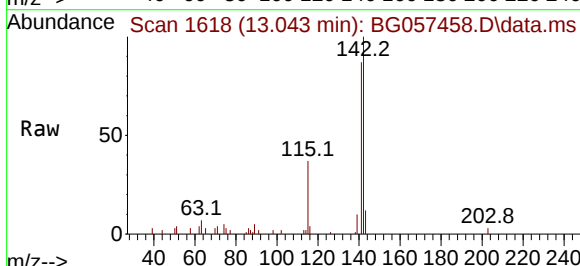
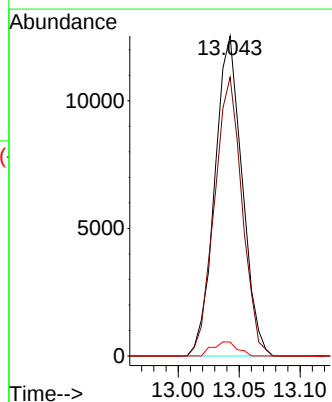
Tgt Ion:142 Resp: 19555

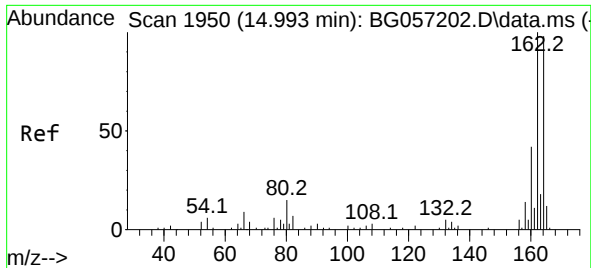
Ion Ratio Lower Upper

142 100

141 87.1 72.5 108.7

116 4.4 3.7 5.5

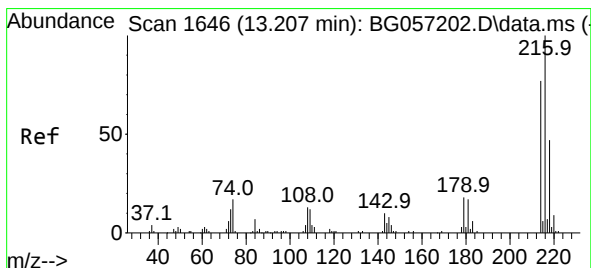
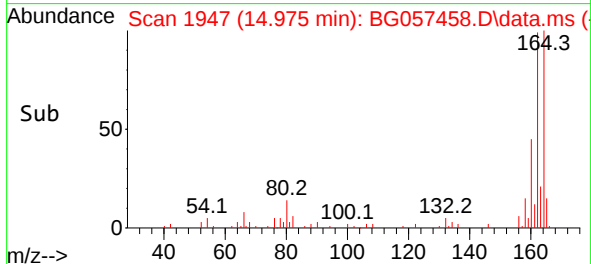
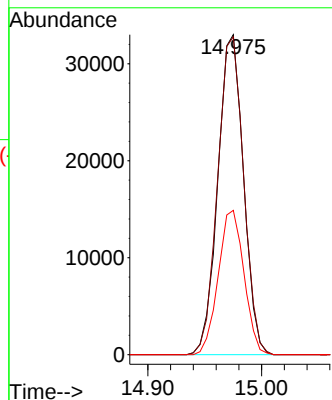
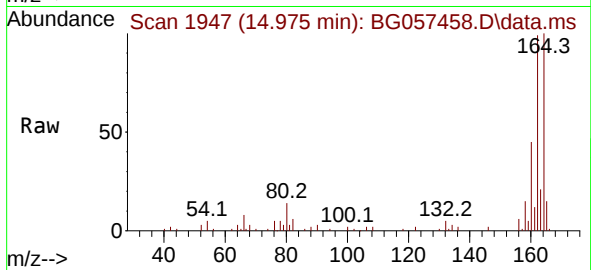




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

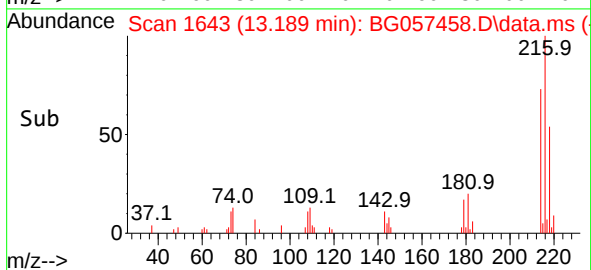
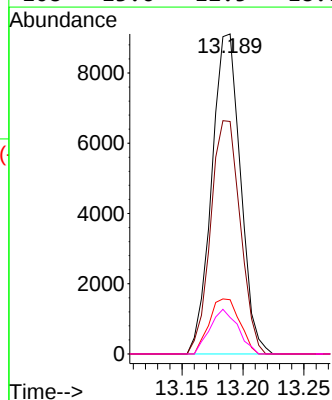
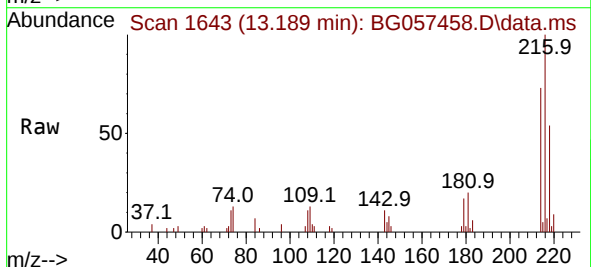
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

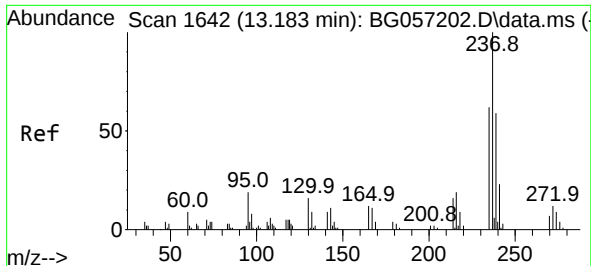
Tgt Ion:164 Resp: 51599
Ion Ratio Lower Upper
164 100
162 99.4 81.8 122.6
160 45.1 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.163 ng
RT: 13.189 min Scan# 1643
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:216 Resp: 14954
Ion Ratio Lower Upper
216 100
214 74.8 63.7 95.5
179 18.2 14.6 22.0
108 13.6 12.5 18.7

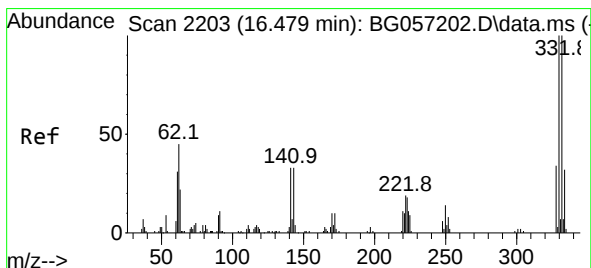
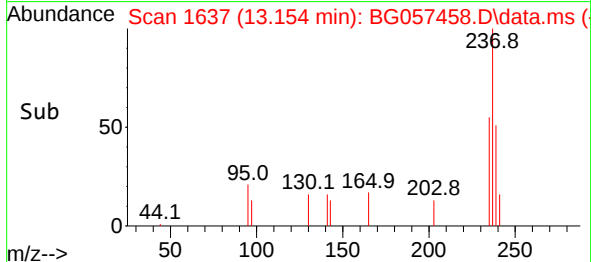
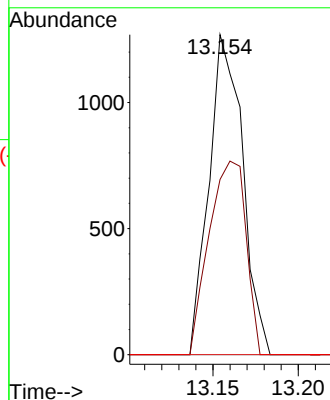
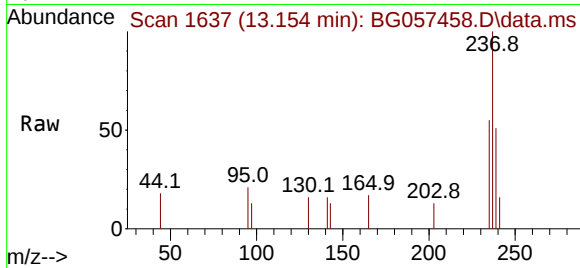




#41
Hexachlorocyclopentadiene
Concen: 8.112 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

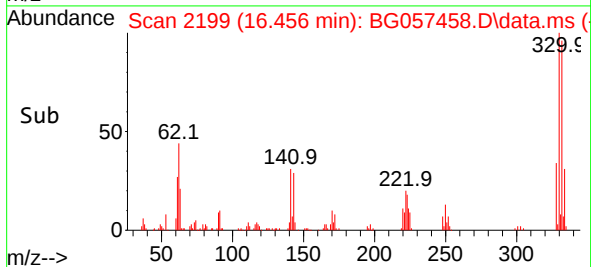
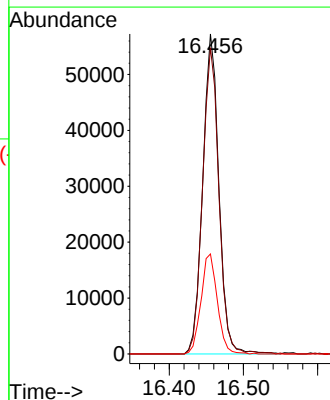
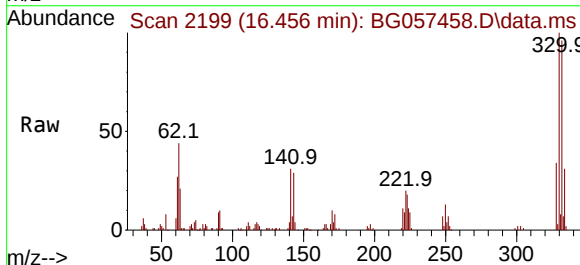
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

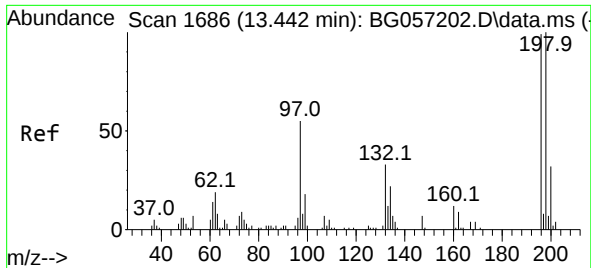
Tgt Ion:	237	Resp:	1737
Ion	Ratio	Lower	Upper
237	100		
235	54.8	42.0	82.0
272	0.0	0.0	31.5



#42
2,4,6-Tribromophenol
Concen: 118.197 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:	330	Resp:	86536
Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	31.6	27.8	41.8

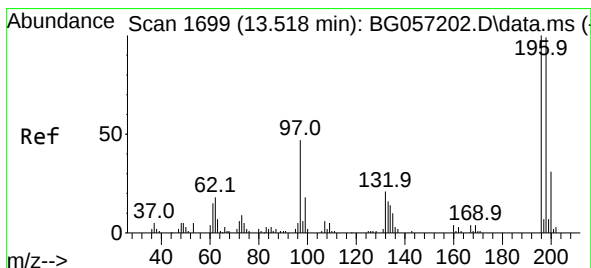
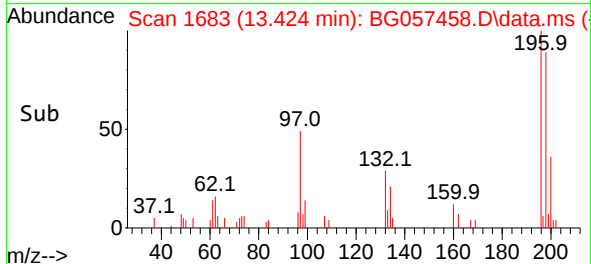
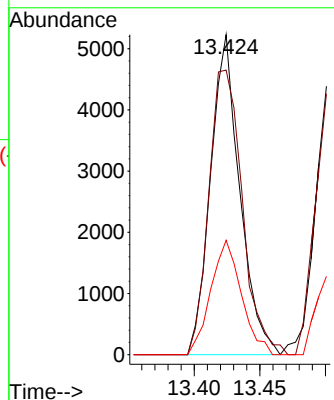
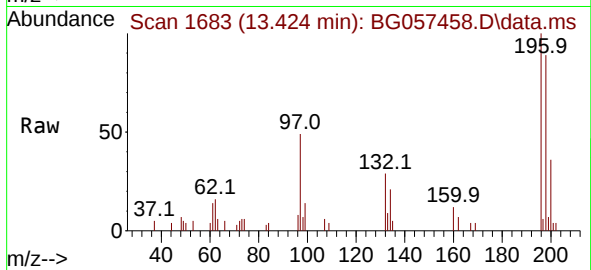




#43
 2,4,6-Trichlorophenol
 Concen: 7.254 ng
 RT: 13.424 min Scan# 1683
 Delta R.T. -0.003 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

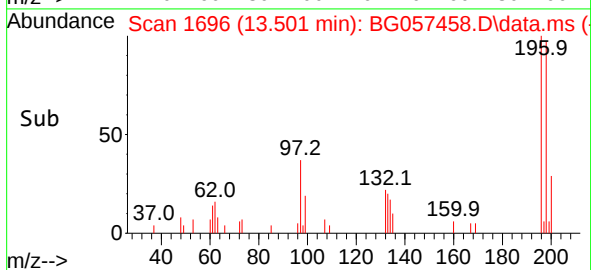
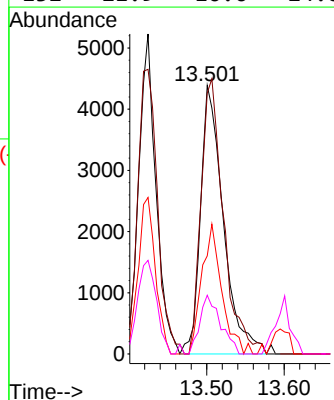
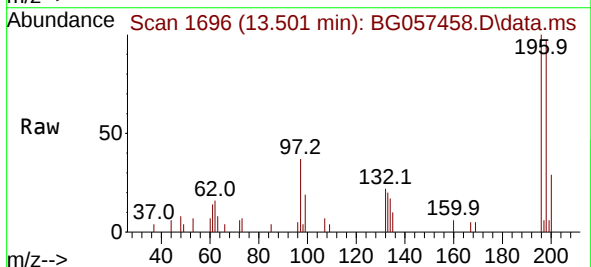
Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

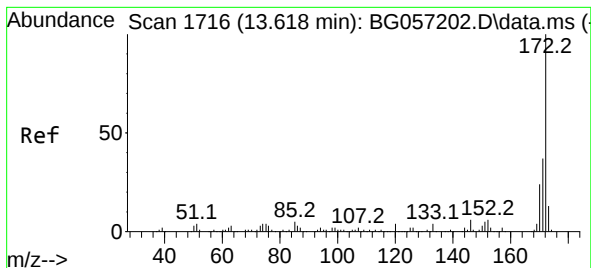
Tgt Ion:196 Resp: 8095
 Ion Ratio Lower Upper
 196 100
 198 88.9 81.2 121.8
 200 35.8 26.3 39.5



#44
 2,4,5-Trichlorophenol
 Concen: 6.859 ng
 RT: 13.501 min Scan# 1696
 Delta R.T. -0.003 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

Tgt Ion:196 Resp: 9004
 Ion Ratio Lower Upper
 196 100
 198 97.2 79.4 119.2
 97 36.5 37.0 55.4#
 132 21.9 16.6 24.8





#45

2-Fluorobiphenyl

Concen: 76.096 ng

RT: 13.601 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

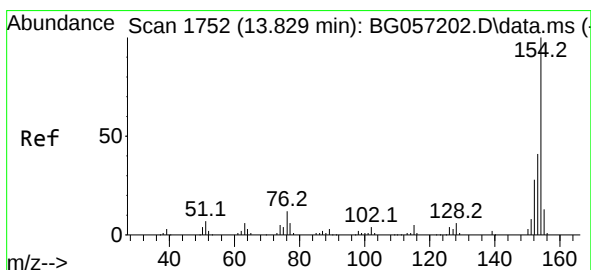
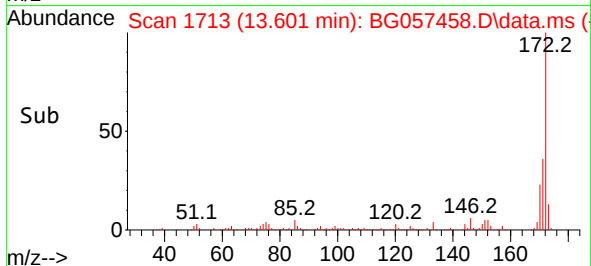
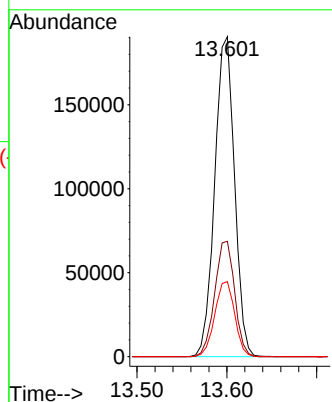
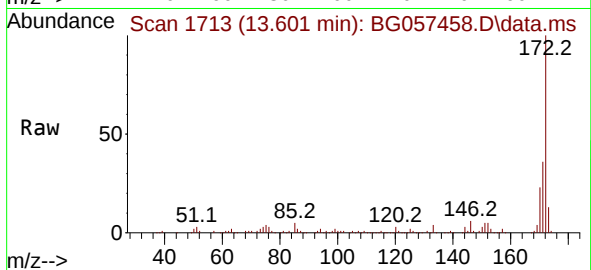
Tgt Ion:172 Resp: 291540

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 8.044 ng

RT: 13.806 min Scan# 1748

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

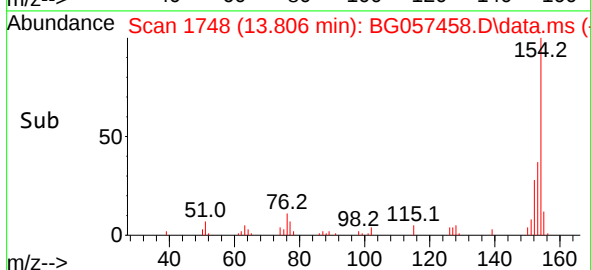
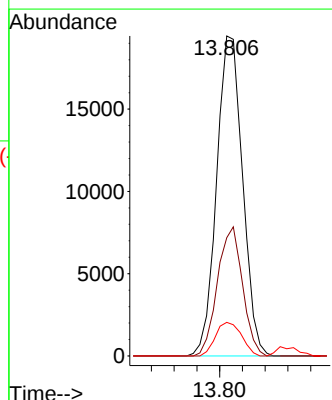
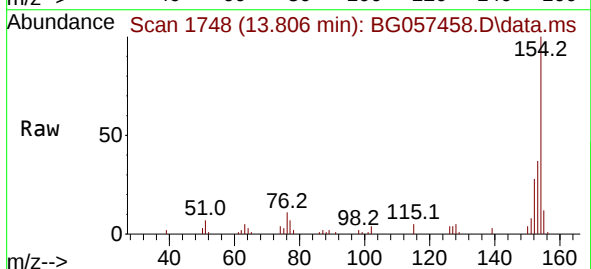
Tgt Ion:154 Resp: 30800

Ion Ratio Lower Upper

154 100

153 36.9 20.9 60.9

76 10.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 8.125 ng

RT: 13.865 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057458.D

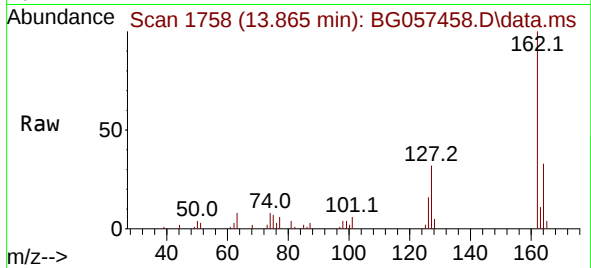
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



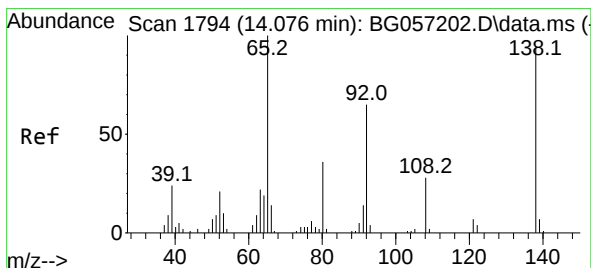
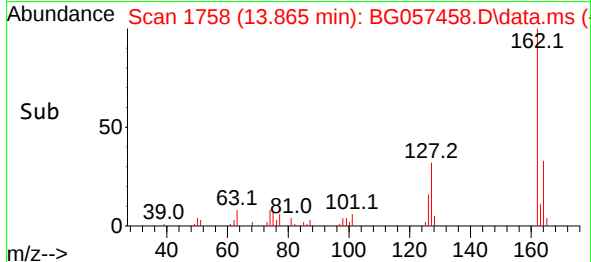
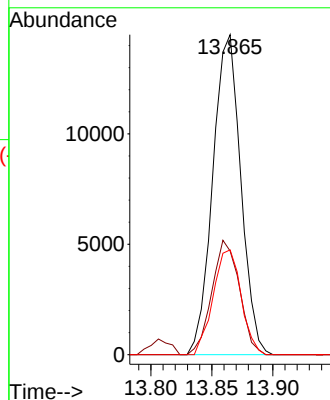
Tgt Ion:162 Resp: 23134

Ion Ratio Lower Upper

162 100

127 32.4 29.8 44.6

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 6.606 ng

RT: 14.059 min Scan# 1791

Delta R.T. -0.003 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

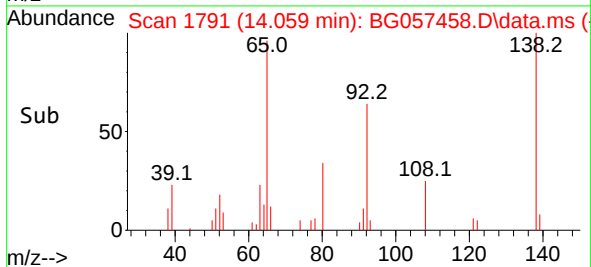
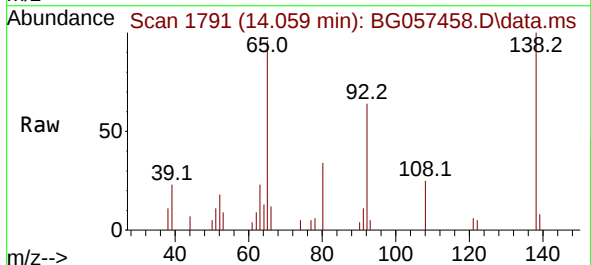
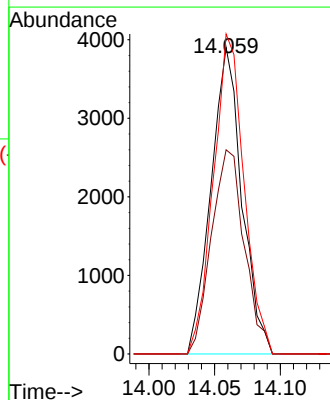
Tgt Ion: 65 Resp: 6395

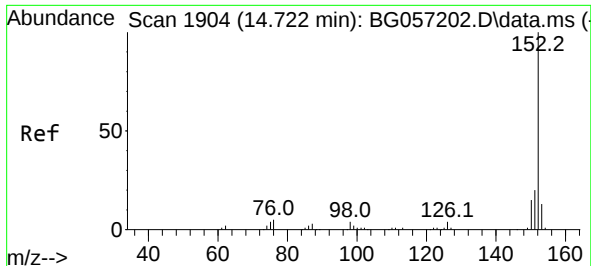
Ion Ratio Lower Upper

65 100

92 66.6 52.1 78.1

138 104.4 75.3 112.9

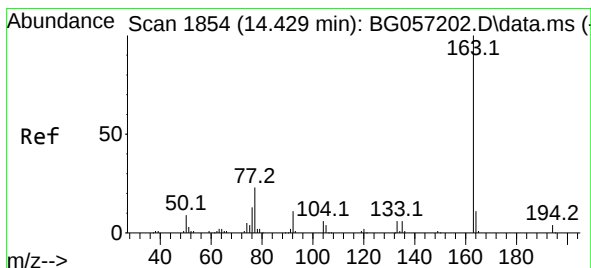
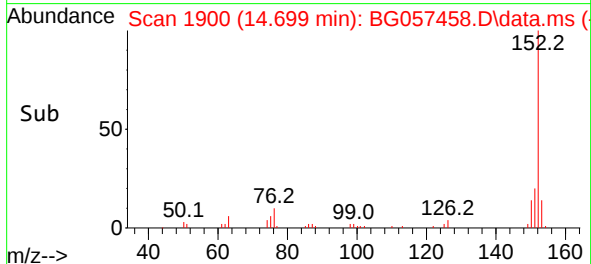
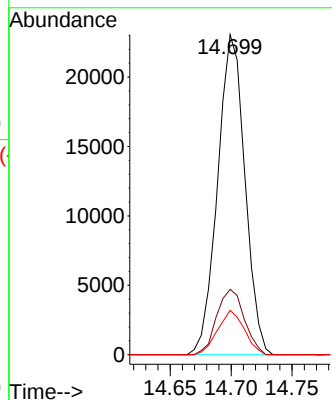
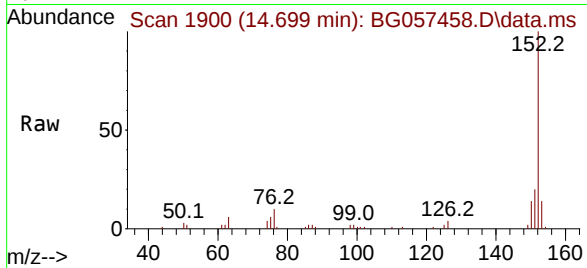




#49
Acenaphthylene
Concen: 7.754 ng
RT: 14.699 min Scan# 1900
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

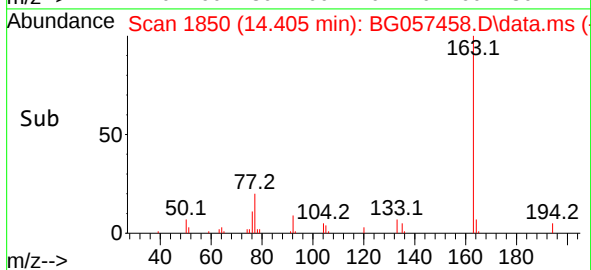
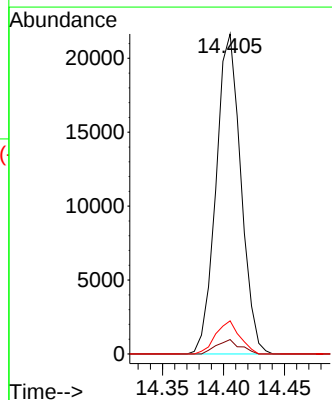
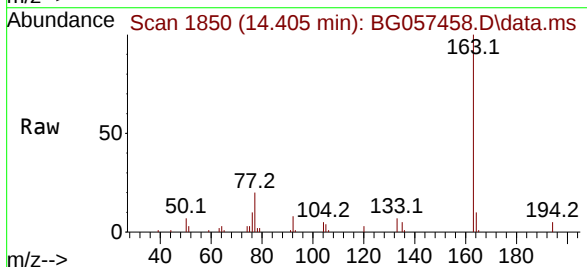
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

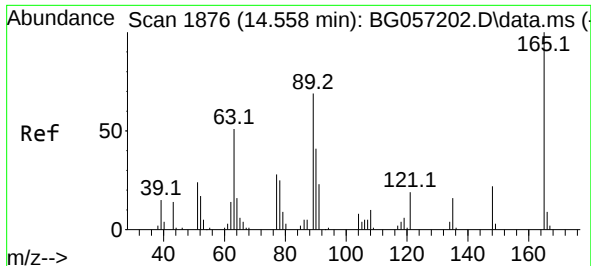
Tgt Ion:152 Resp: 35867
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.8 10.7 16.1



#50
Dimethylphthalate
Concen: 7.233 ng
RT: 14.405 min Scan# 1850
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:163 Resp: 30668
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.4 8.8 13.2

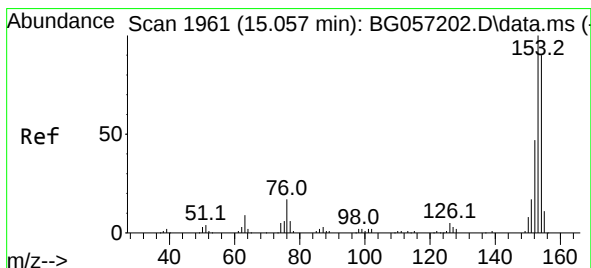
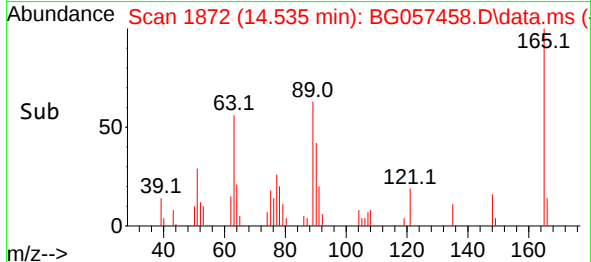
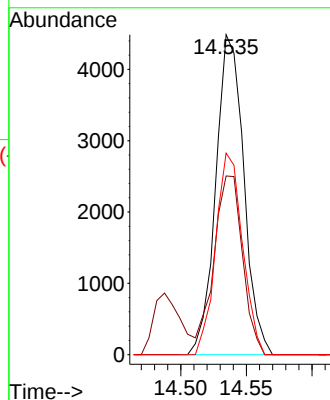
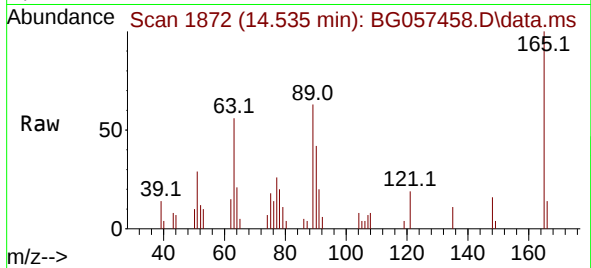




#51
2,6-Dinitrotoluene
Concen: 7.677 ng
RT: 14.535 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

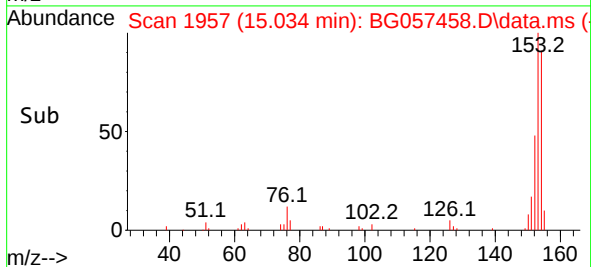
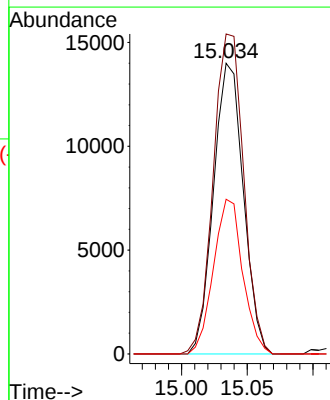
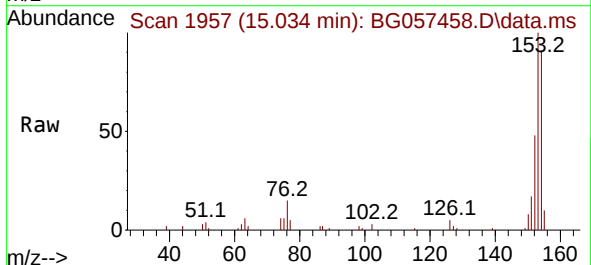
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

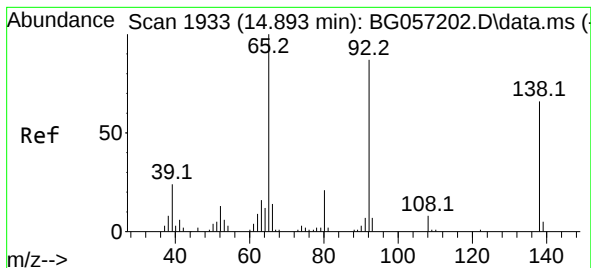
Tgt Ion:165	Resp:	6646
Ion	Ratio	Lower Upper
165	100	
63	55.9	50.9 76.3
89	63.0	55.2 82.8



#52
Acenaphthene
Concen: 7.656 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:154	Resp:	22130
Ion	Ratio	Lower Upper
154	100	
153	110.1	89.3 133.9
152	53.2	41.7 62.5





#53

3-Nitroaniline

Concen: 7.184 ng

RT: 14.875 min Scan# 1930

Delta R.T. -0.009 min

Lab File: BG057458.D

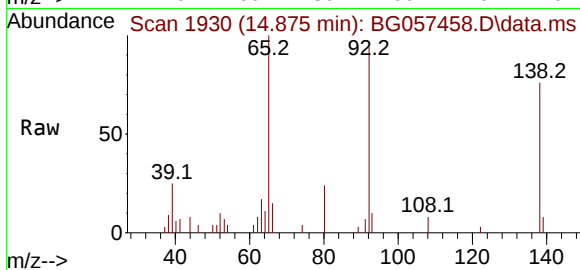
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



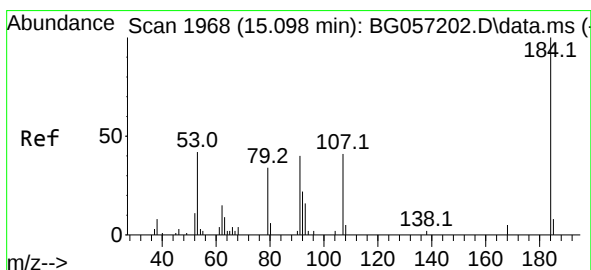
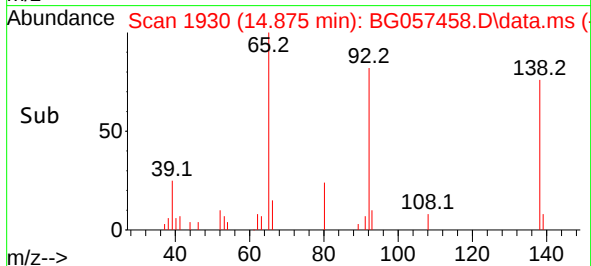
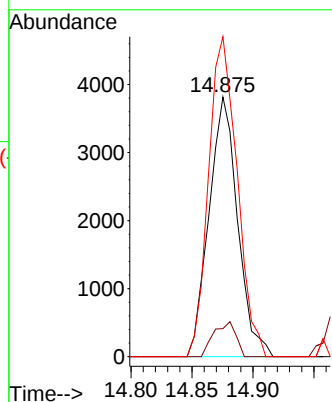
Tgt Ion:138 Resp: 6231

Ion Ratio Lower Upper

138 100

108 10.8 9.5 14.3

92 123.2 106.2 159.4



#54

2,4-Dinitrophenol

Concen: 6.523 ng

RT: 15.110 min Scan# 1970

Delta R.T. 0.015 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

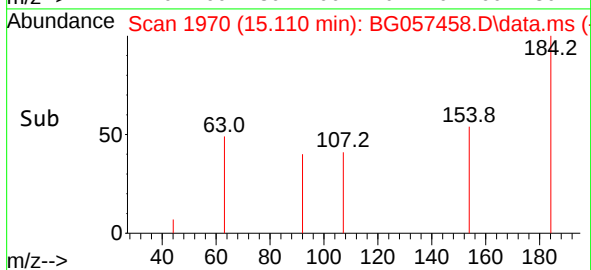
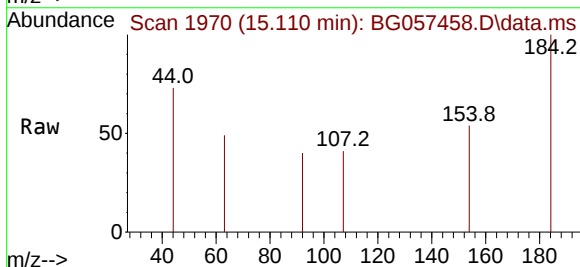
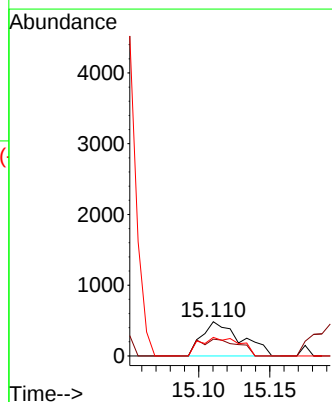
Tgt Ion:184 Resp: 918

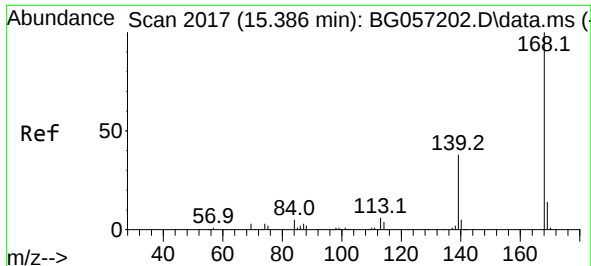
Ion Ratio Lower Upper

184 100

63 49.1 48.2 72.4

154 54.0 55.4 83.2#

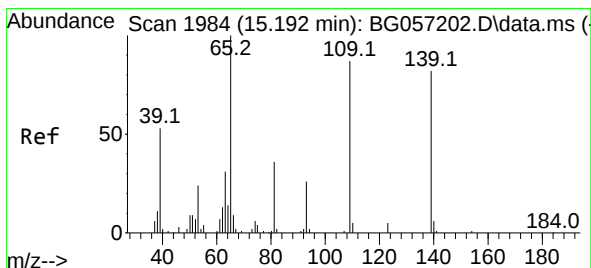
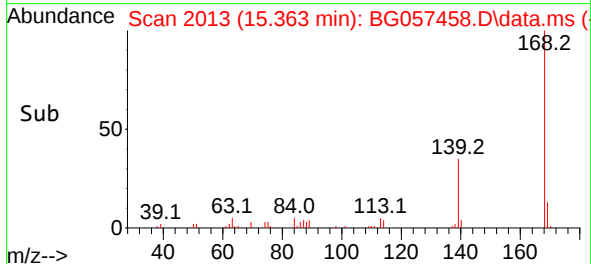
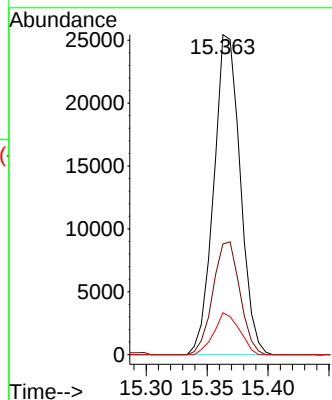
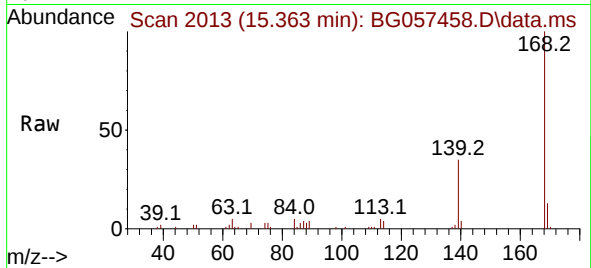




#55
Dibenzenofuran
Concen: 7.885 ng
RT: 15.363 min Scan# 2017
Delta R.T. -0.015 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

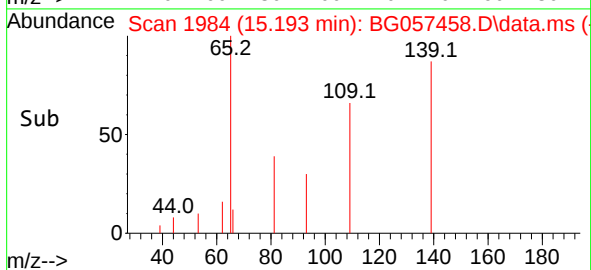
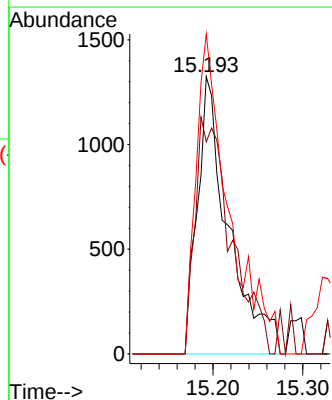
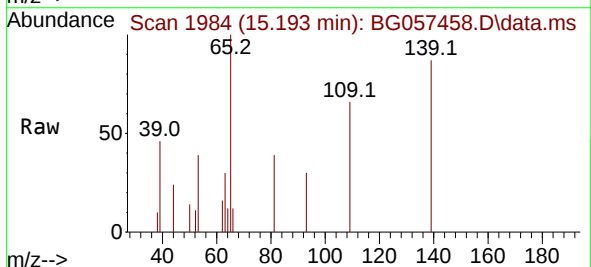
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

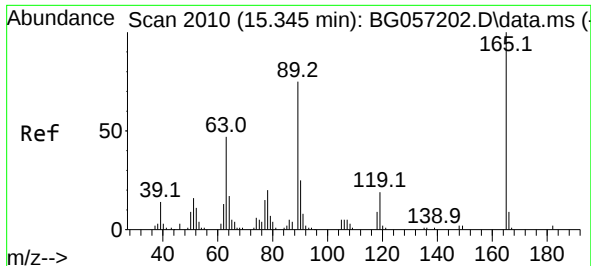
Tgt Ion:168 Resp: 38292
Ion Ratio Lower Upper
168 100
139 34.6 30.7 46.1
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 5.499 ng
RT: 15.193 min Scan# 1984
Delta R.T. 0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:139 Resp: 3172
Ion Ratio Lower Upper
139 100
109 76.5 86.6 126.6#
65 115.4 102.6 142.6

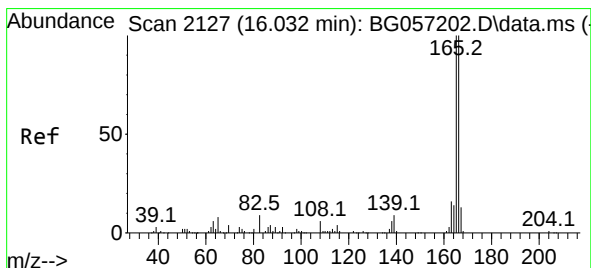
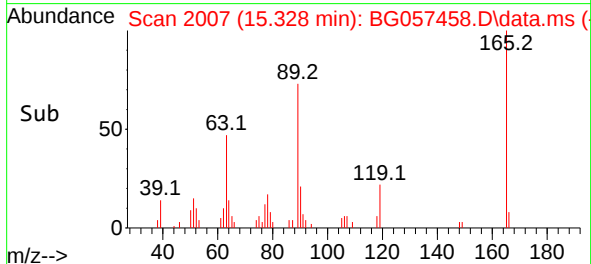
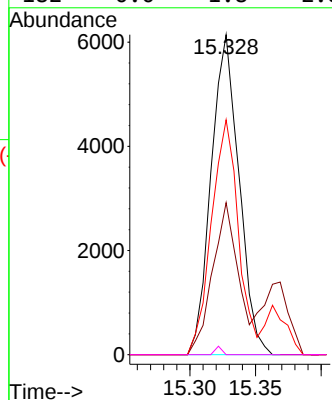
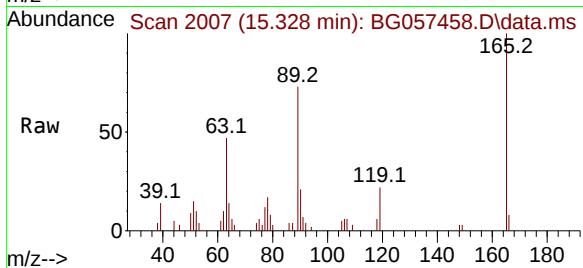




#57
2,4-Dinitrotoluene
Concen: 7.323 ng
RT: 15.328 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

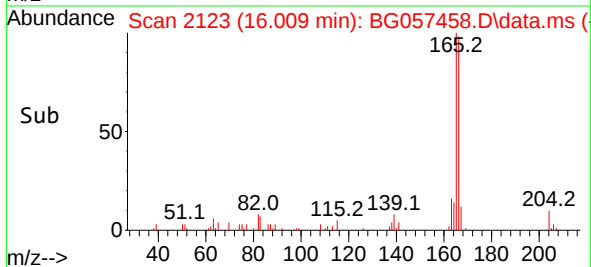
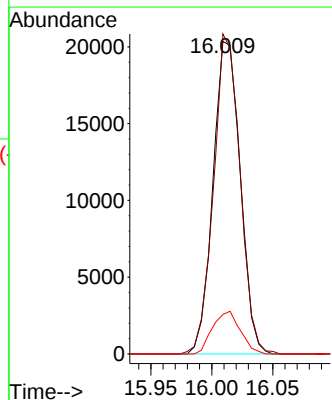
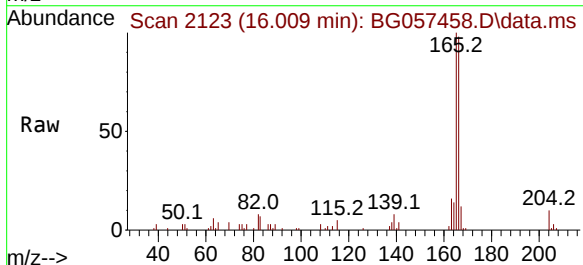
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

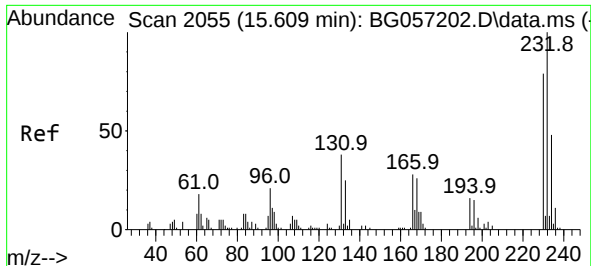
Tgt Ion:165 Resp: 9061
Ion Ratio Lower Upper
165 100
63 47.5 37.5 56.3
89 73.4 60.2 90.4
182 0.0 1.8 2.8#



#58
Fluorene
Concen: 7.891 ng
RT: 16.009 min Scan# 2123
Delta R.T. -0.015 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:166 Resp: 31567
Ion Ratio Lower Upper
166 100
165 102.4 80.1 120.1
167 12.7 10.2 15.2

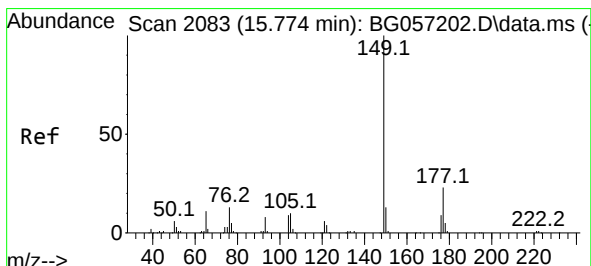
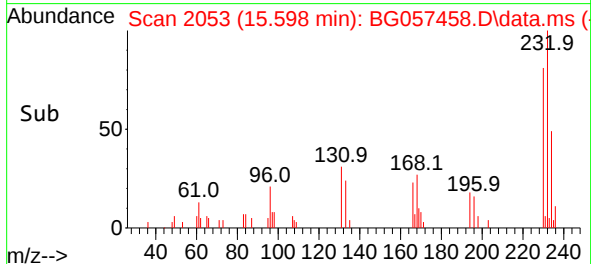
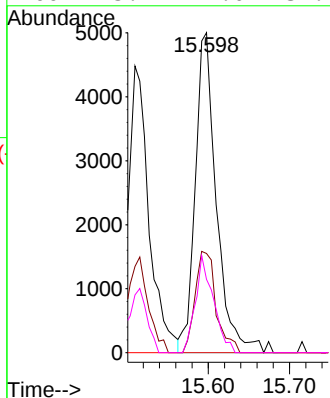
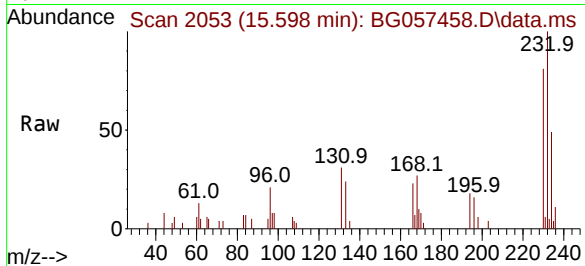




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.626 ng
RT: 15.598 min Scan# 2053
Delta R.T. -0.003 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

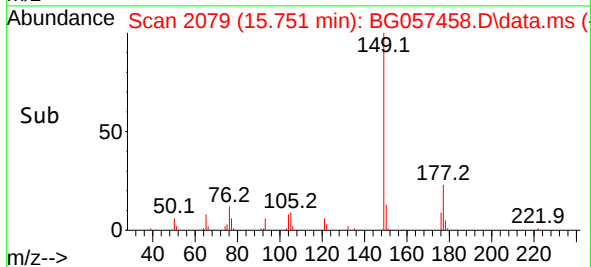
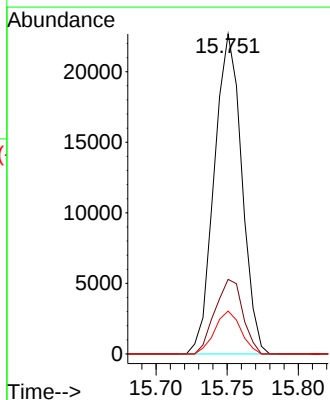
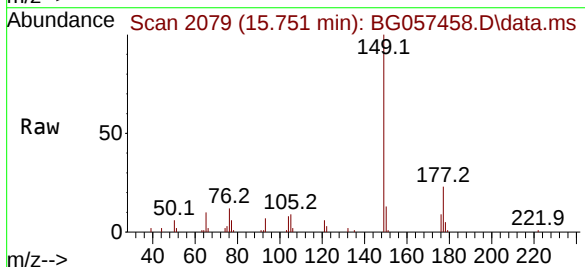
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

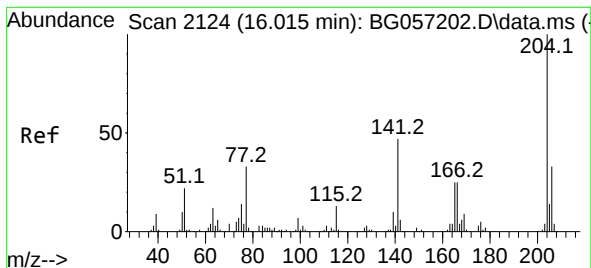
Tgt Ion:232 Resp: 9076
Ion Ratio Lower Upper
232 100
131 31.3 28.6 42.8
130 0.0 1.6 2.4#
166 25.9 21.0 31.6



#60
Diethylphthalate
Concen: 7.087 ng
RT: 15.751 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:149 Resp: 30516
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 13.4 10.1 15.1

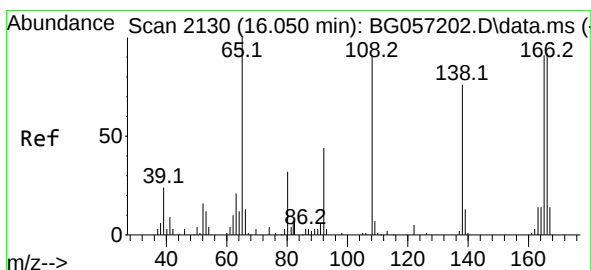
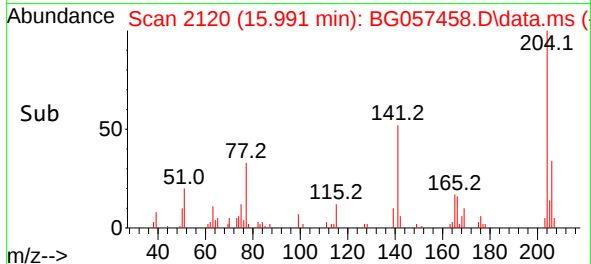
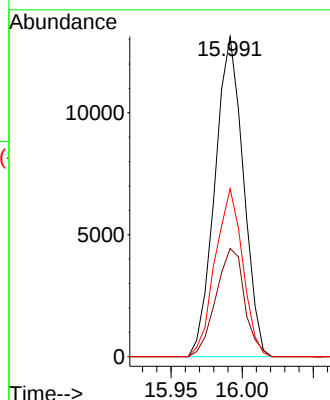
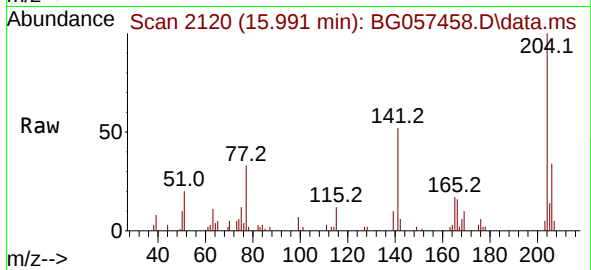




#61
4-Chlorophenyl-phenylether
Concen: 7.570 ng
RT: 15.991 min Scan# 2120
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

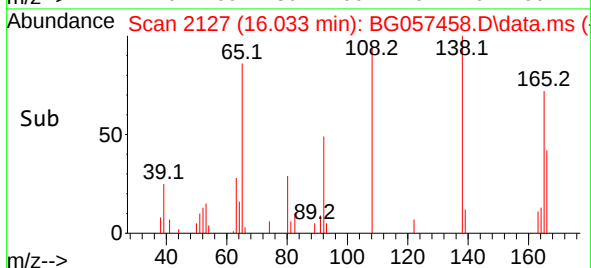
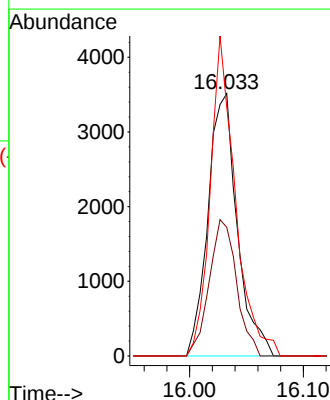
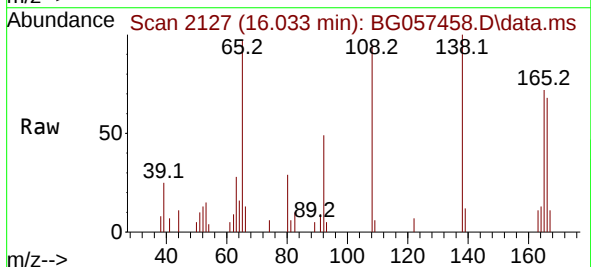
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

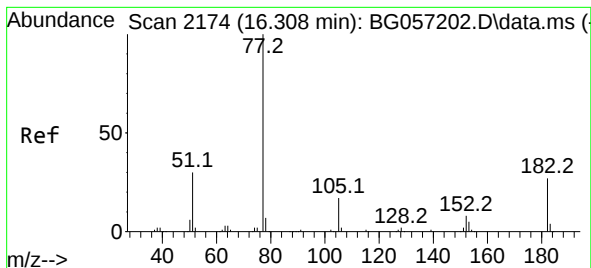
Tgt Ion:204 Resp: 18243
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 52.4 37.4 56.0



#62
4-Nitroaniline
Concen: 7.189 ng
RT: 16.033 min Scan# 2127
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:138 Resp: 6290
Ion Ratio Lower Upper
138 100
92 49.0 38.2 78.2
108 94.8 99.6 139.6#





#63

Azobenzene

Concen: 6.904 ng

RT: 16.285 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 77 Resp: 28683

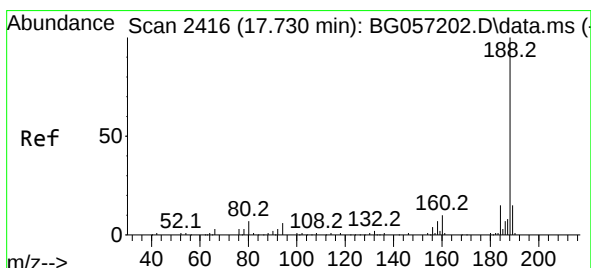
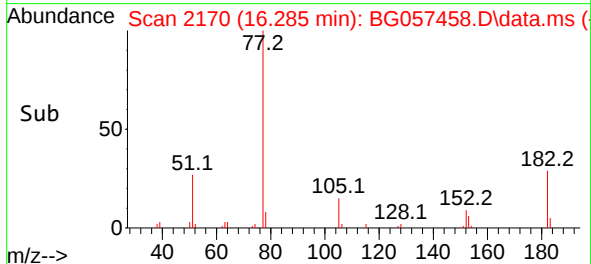
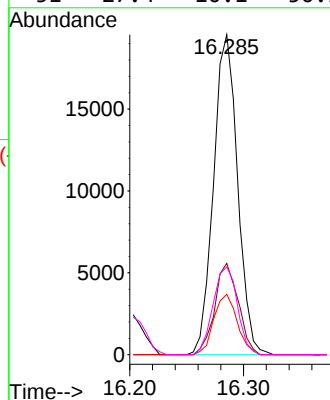
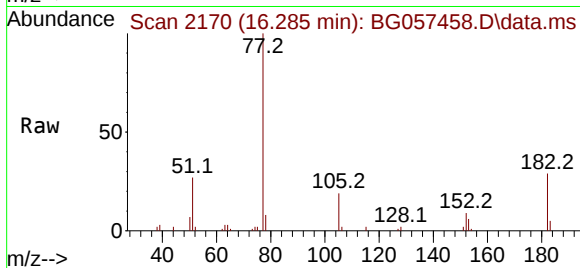
Ion Ratio Lower Upper

77 100

182 28.5 7.4 47.4

105 18.8 0.0 37.2

51 27.4 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2413

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

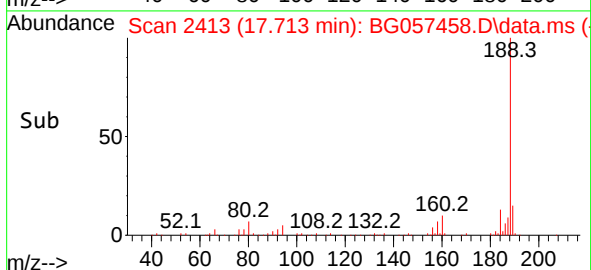
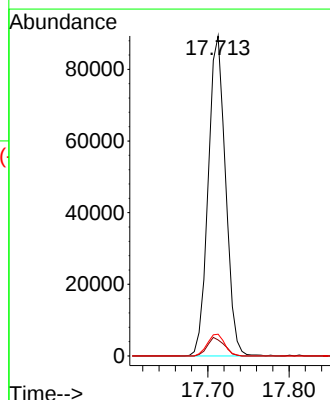
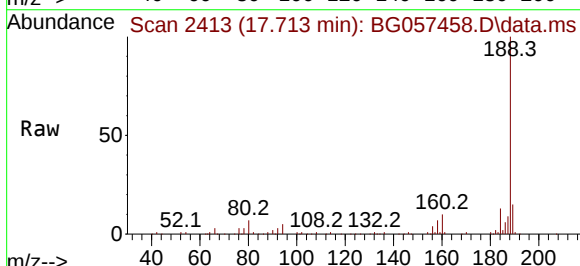
Tgt Ion:188 Resp: 132259

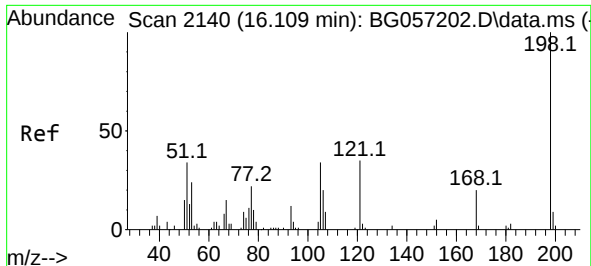
Ion Ratio Lower Upper

188 100

94 5.0 5.1 7.7#

80 6.8 5.7 8.5

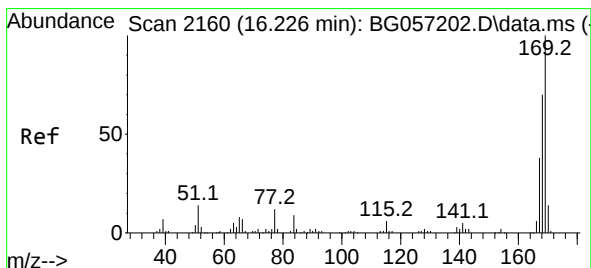
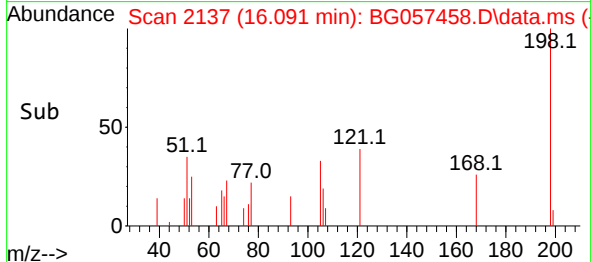
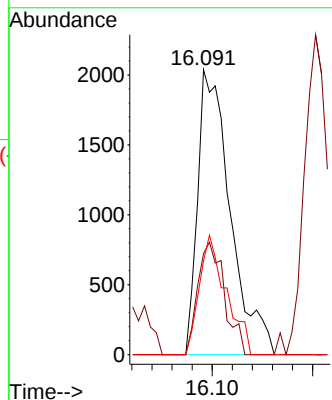
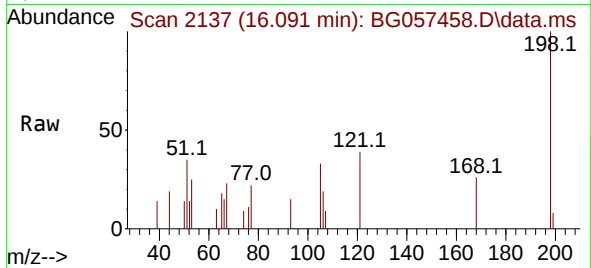




#65
4,6-Dinitro-2-methylphenol
Concen: 5.818 ng
RT: 16.091 min Scan# 2140
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

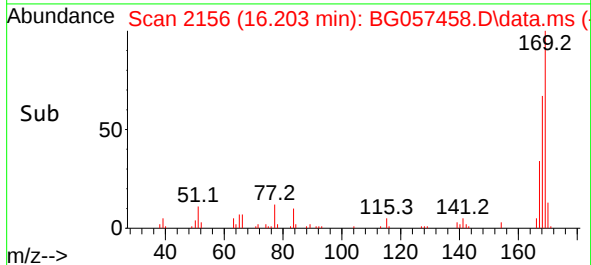
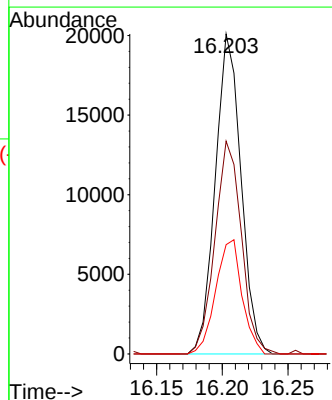
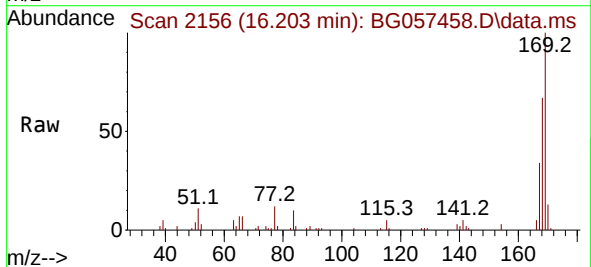
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:198 Resp: 4594
Ion Ratio Lower Upper
198 100
51 35.5 16.1 56.1
105 33.0 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 7.609 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:169 Resp: 27334
Ion Ratio Lower Upper
169 100
168 66.5 56.2 84.4
167 34.1 30.2 45.4

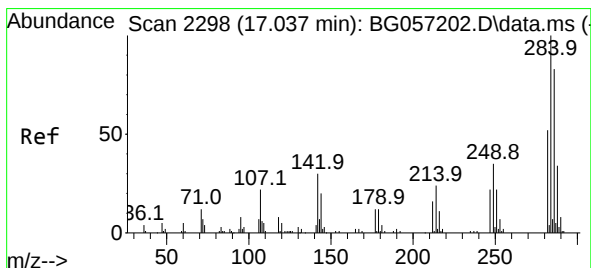
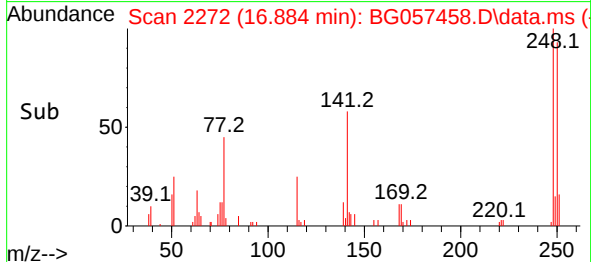
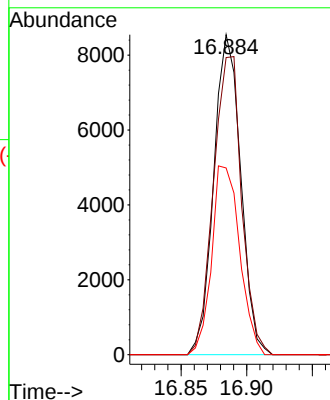
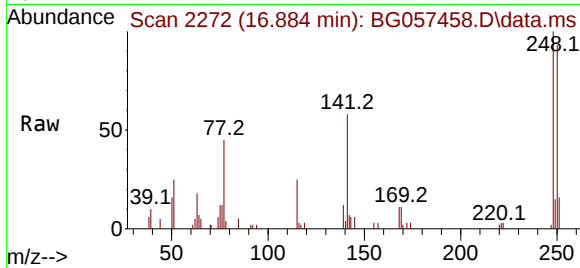




#67
4-Bromophenyl-phenylether
Concen: 7.551 ng
RT: 16.884 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

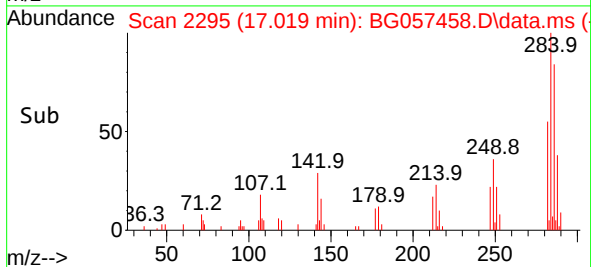
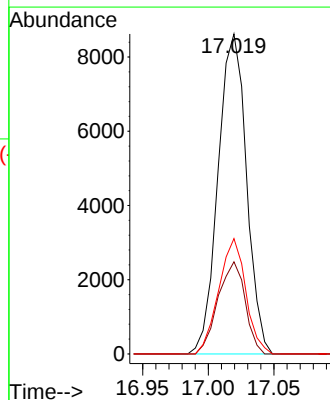
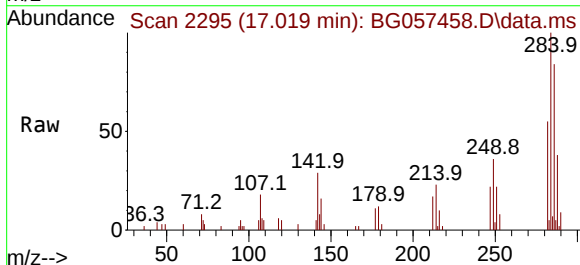
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

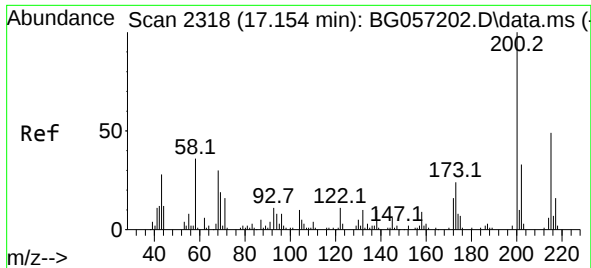
Tgt Ion:248 Resp: 12192
Ion Ratio Lower Upper
248 100
250 92.9 77.0 115.6
141 58.4 48.6 72.8



#68
Hexachlorobenzene
Concen: 8.267 ng
RT: 17.019 min Scan# 2295
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:284 Resp: 12970
Ion Ratio Lower Upper
284 100
142 28.8 23.9 35.9
249 36.1 27.7 41.5

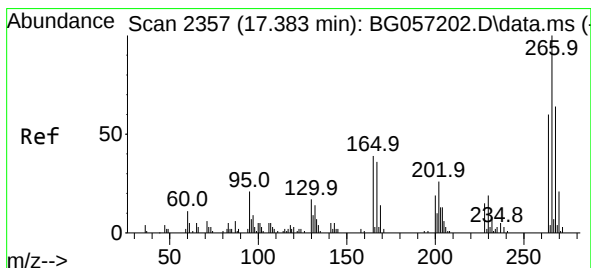
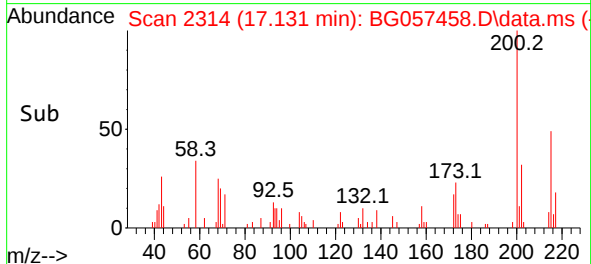
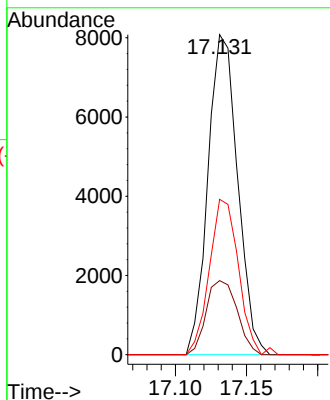
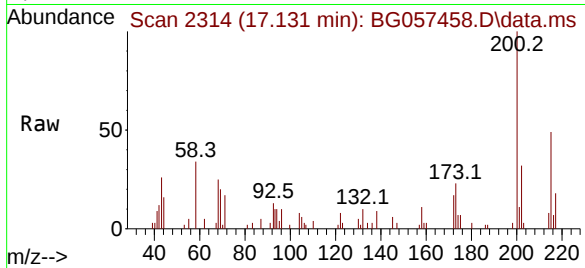




#69
 Atrazine
 Concen: 8.554 ng
 RT: 17.131 min Scan# 211
 Delta R.T. -0.015 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

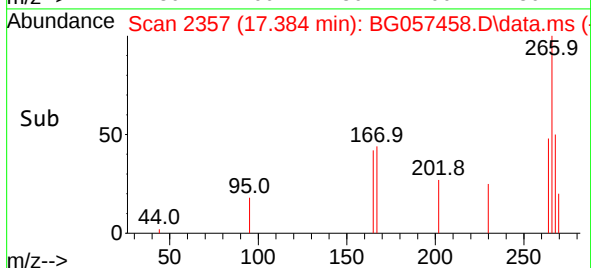
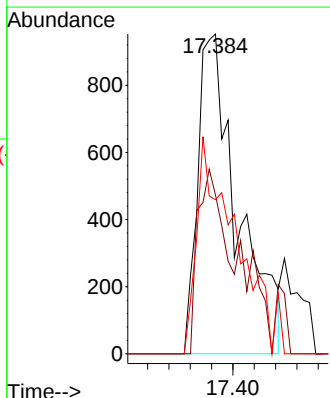
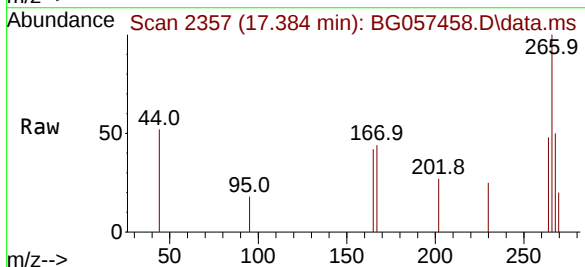
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

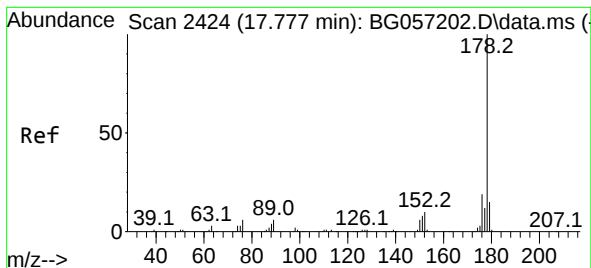
Tgt Ion:	200	Resp:	11721
Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.3	44.3
215	48.6	29.3	69.3



#70
 Pentachlorophenol
 Concen: 2.749 ng
 RT: 17.384 min Scan# 2357
 Delta R.T. 0.009 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

Tgt Ion:	266	Resp:	2486
Ion	Ratio	Lower	Upper
266	100		
268	49.6	51.0	76.6#
264	48.2	47.8	71.6





#71

Phenanthrene

Concen: 7.864 ng

RT: 17.754 min Scan# 2420

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

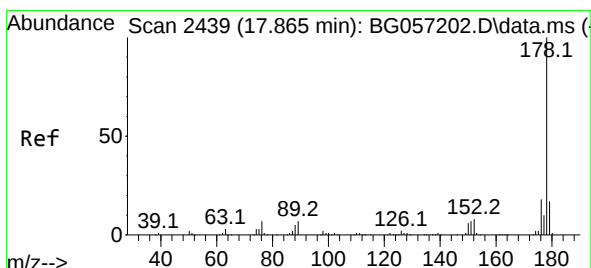
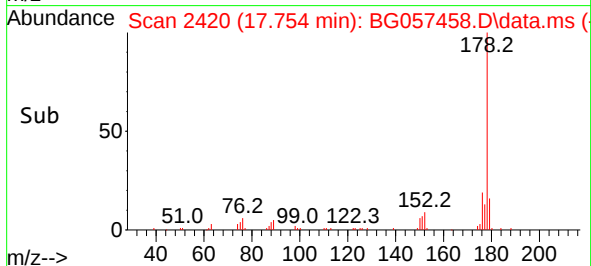
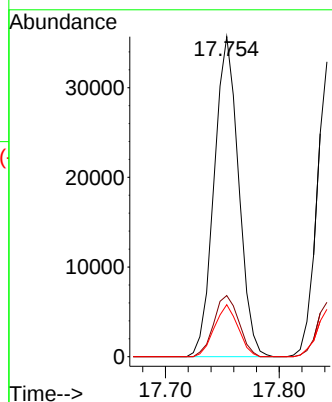
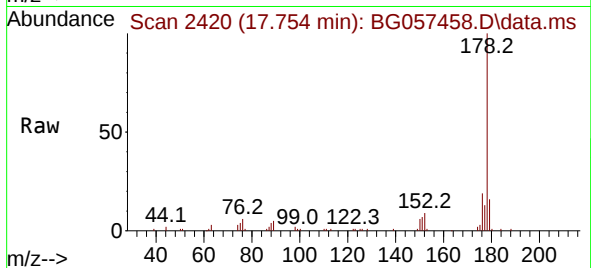
Tgt Ion:178 Resp: 53297

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 16.3 12.3 18.5



#72

Anthracene

Concen: 7.628 ng

RT: 17.848 min Scan# 2436

Delta R.T. -0.003 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

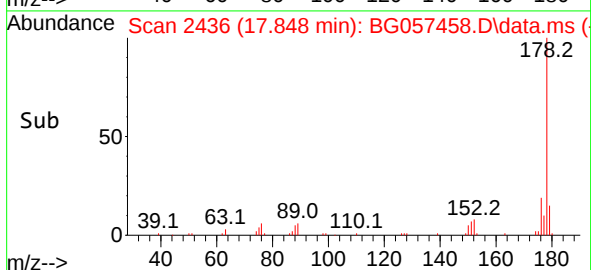
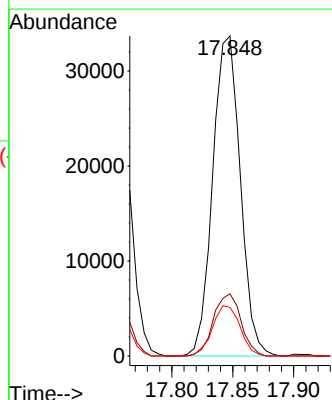
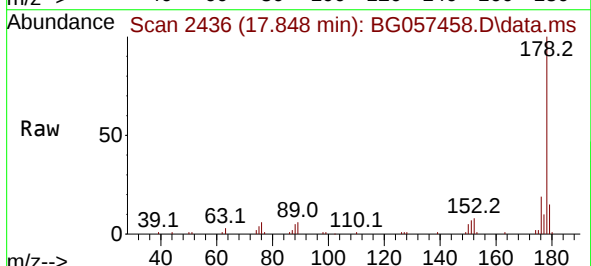
Tgt Ion:178 Resp: 53046

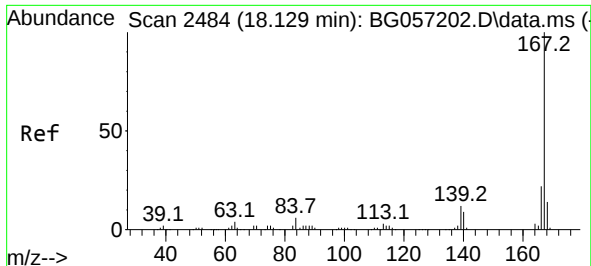
Ion Ratio Lower Upper

178 100

176 19.4 14.7 22.1

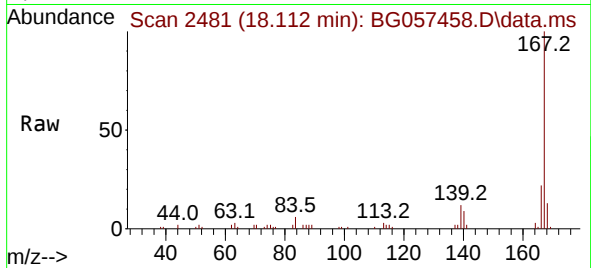
179 15.2 13.2 19.8



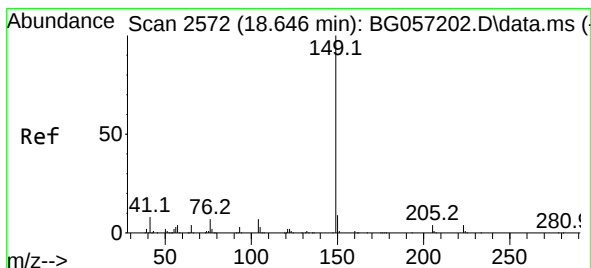
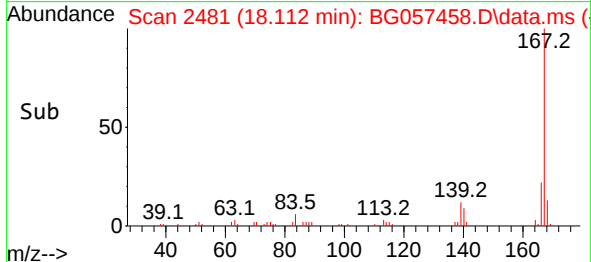
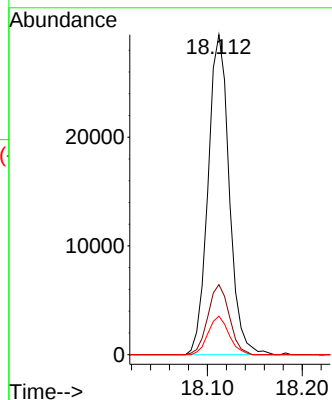


#73
 Carbazole
 Concen: 7.803 ng
 RT: 18.112 min Scan# 2481
 Delta R.T. -0.009 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

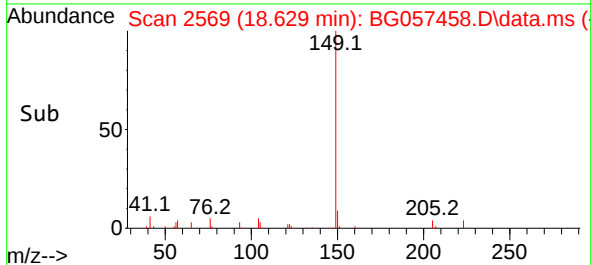
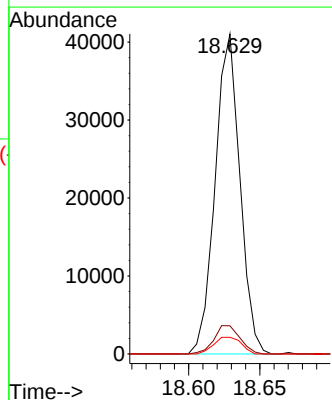
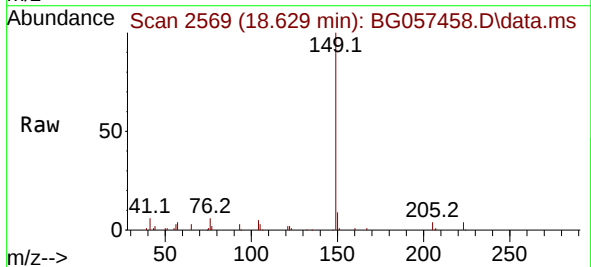


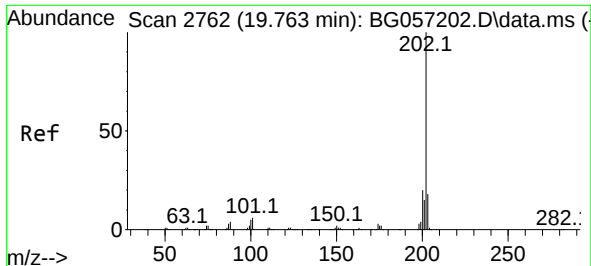
Tgt Ion:167 Resp: 45679
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.1 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 7.368 ng
 RT: 18.629 min Scan# 2569
 Delta R.T. -0.009 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

Tgt Ion:149 Resp: 49632
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.2 5.4 8.2#

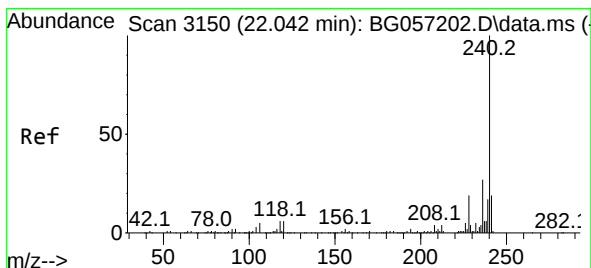
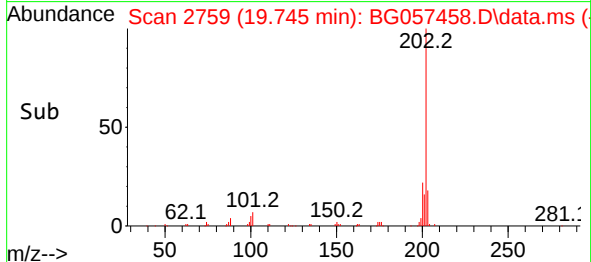
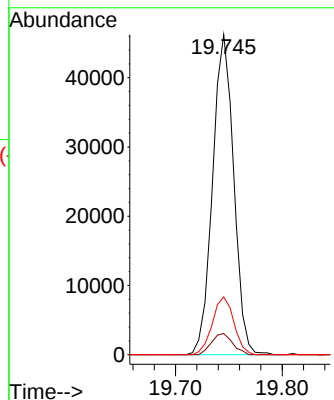
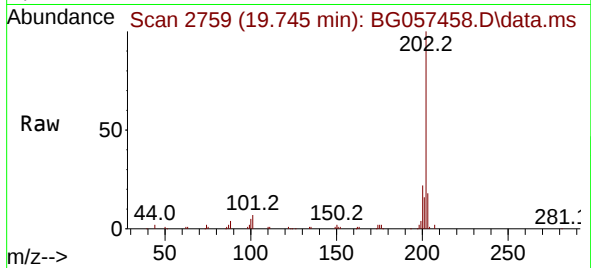




#75
Fluoranthene
Concen: 7.533 ng
RT: 19.745 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

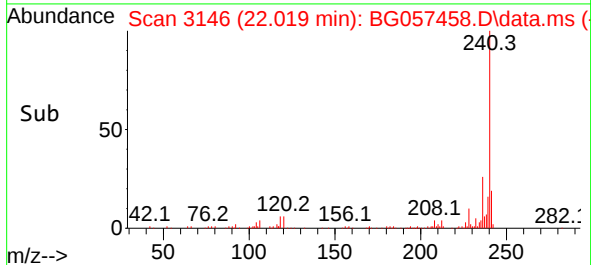
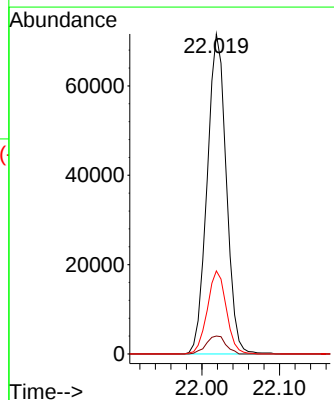
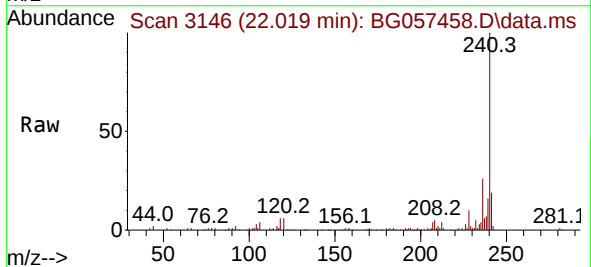
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

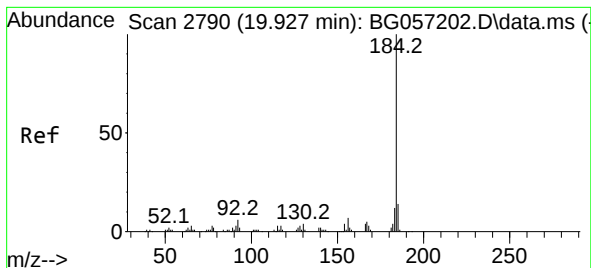
Tgt Ion:202 Resp: 63498
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.2
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.015 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:240 Resp: 122608
Ion Ratio Lower Upper
240 100
120 5.6 4.9 7.3
236 26.0 21.4 32.2





#77

Benzidine

Concen: 11.921 ng

RT: 19.910 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

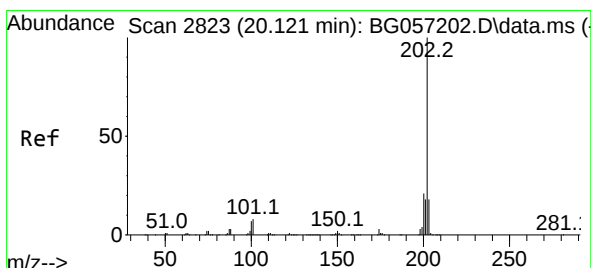
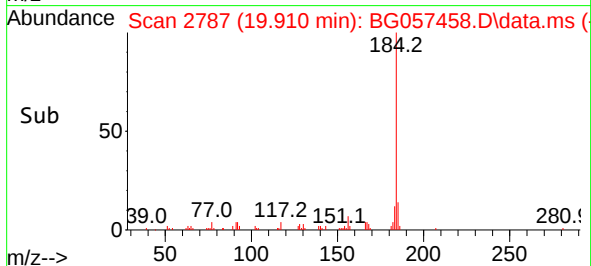
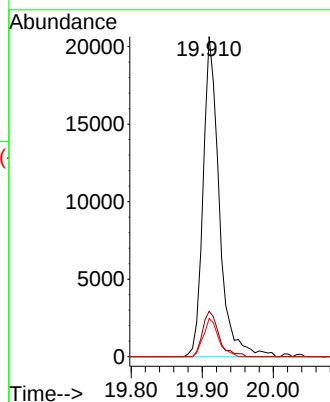
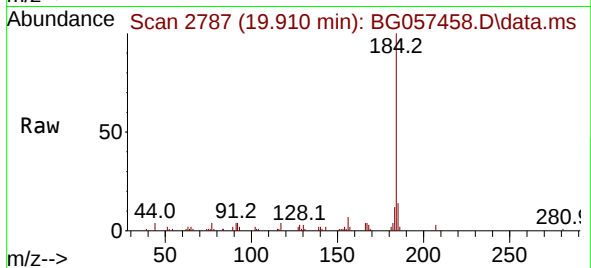
Tgt Ion:184 Resp: 32676

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 12.0 9.9 14.9



#78

Pyrene

Concen: 7.312 ng

RT: 20.104 min Scan# 2820

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

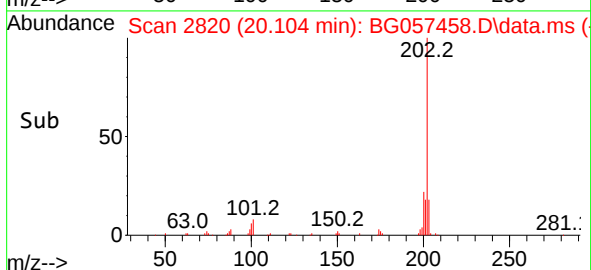
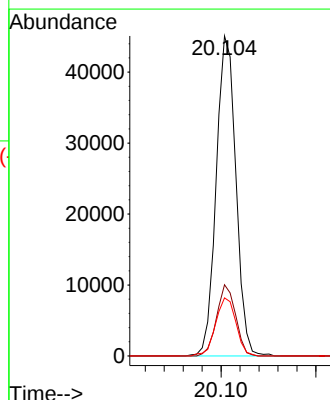
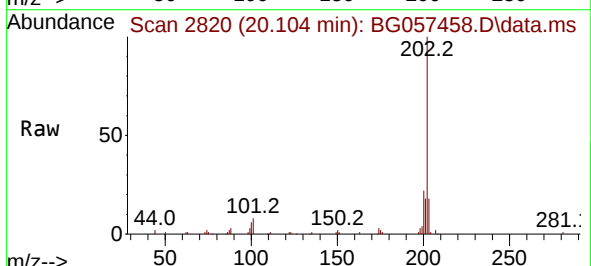
Tgt Ion:202 Resp: 65147

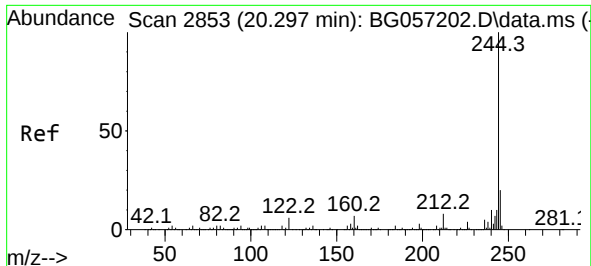
Ion Ratio Lower Upper

202 100

200 22.3 17.0 25.4

203 18.1 14.2 21.4

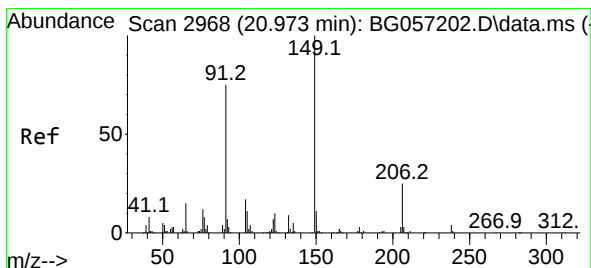
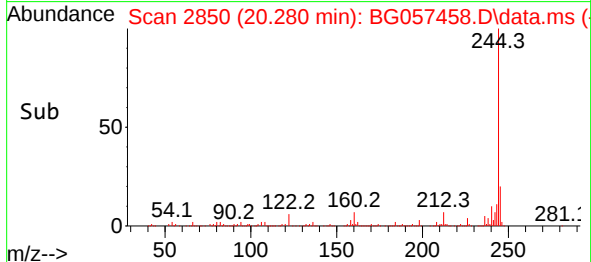
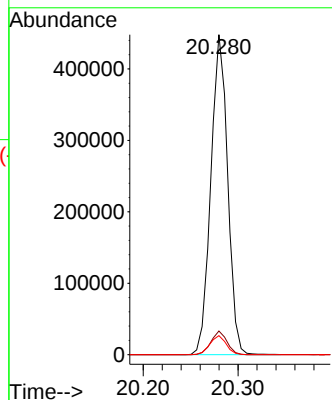
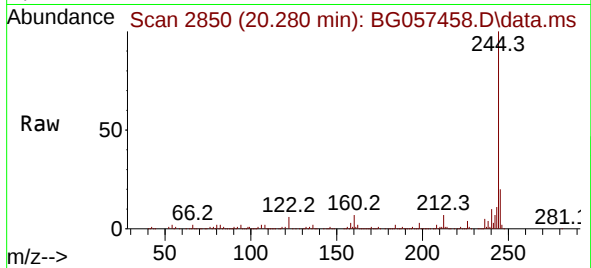




#79
 Terphenyl-d14
 Concen: 73.443 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

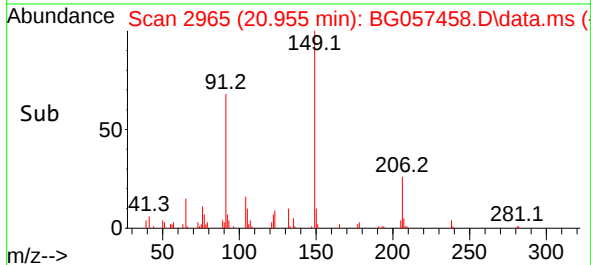
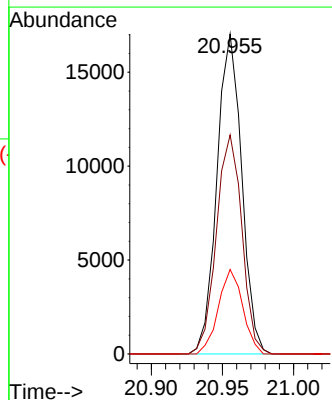
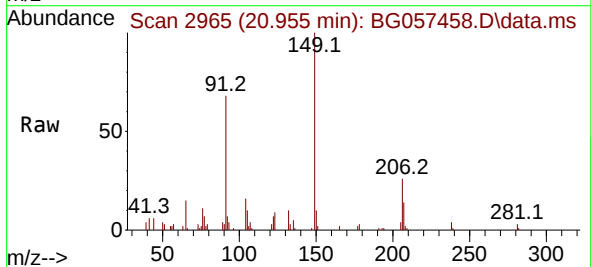
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

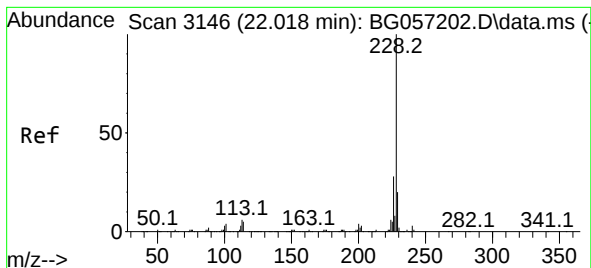
Tgt Ion:244 Resp: 551788
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.0 5.1 7.7



#80
 Butylbenzylphthalate
 Concen: 7.302 ng
 RT: 20.955 min Scan# 2965
 Delta R.T. -0.009 min
 Lab File: BG057458.D
 Acq: 18 May 2023 12:33

Tgt Ion:149 Resp: 20643
 Ion Ratio Lower Upper
 149 100
 91 68.5 59.7 89.5
 206 26.4 19.7 29.5





#81

Benzo(a)anthracene

Concen: 7.547 ng

RT: 21.995 min Scan# 3146

Delta R.T. -0.015 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

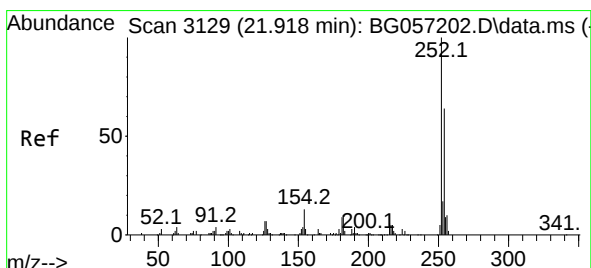
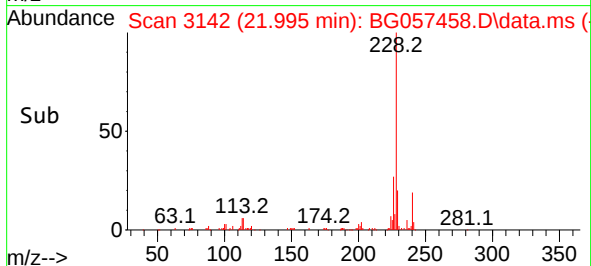
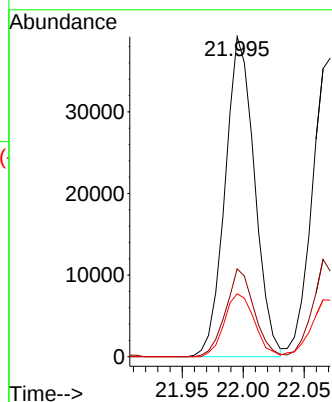
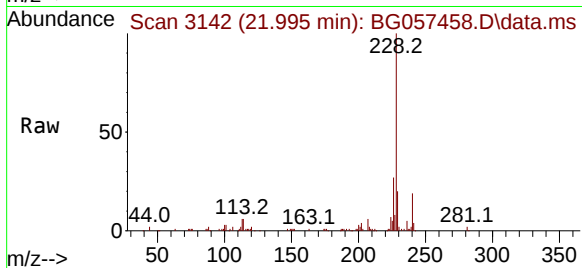
Tgt Ion:228 Resp: 65926

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 9.331 ng

RT: 21.895 min Scan# 3125

Delta R.T. -0.009 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

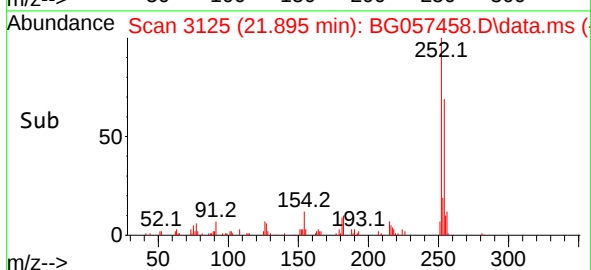
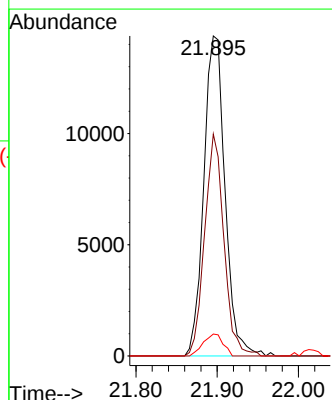
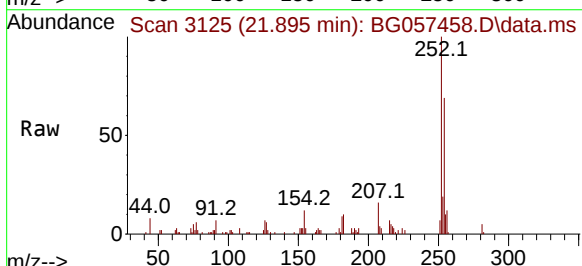
Tgt Ion:252 Resp: 26107

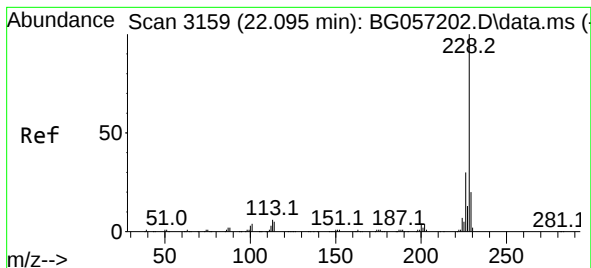
Ion Ratio Lower Upper

252 100

254 69.3 51.4 77.0

126 6.8 5.9 8.9





#83

Chrysene

Concen: 7.680 ng

RT: 22.071 min Scan# 3155

Delta R.T. -0.009 min

Lab File: BG057458.D

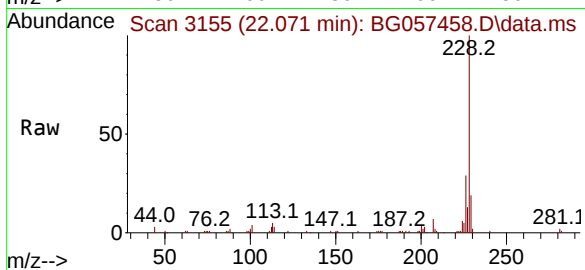
Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



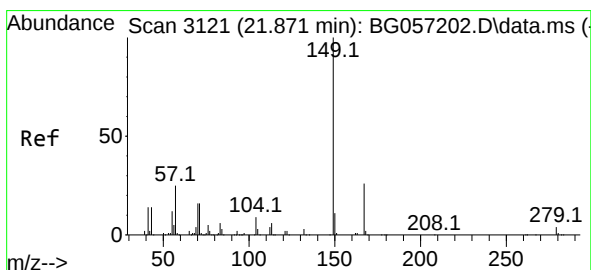
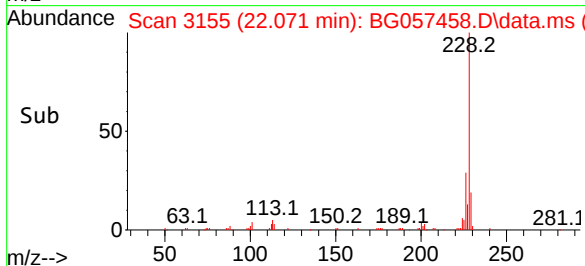
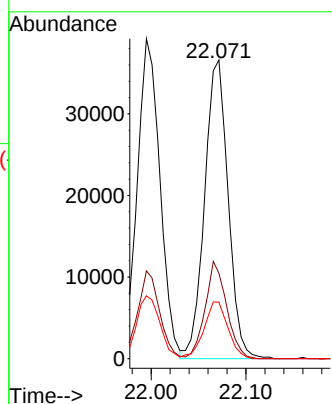
Tgt Ion:228 Resp: 63121

Ion Ratio Lower Upper

228 100

226 28.6 24.3 36.5

229 18.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.039 ng

RT: 21.842 min Scan# 3116

Delta R.T. -0.015 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

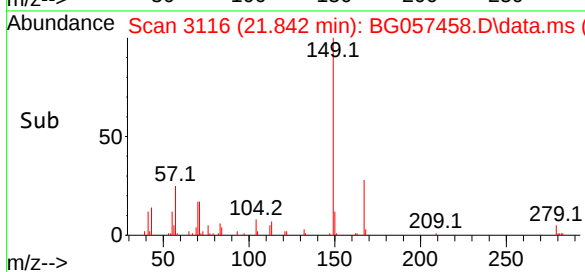
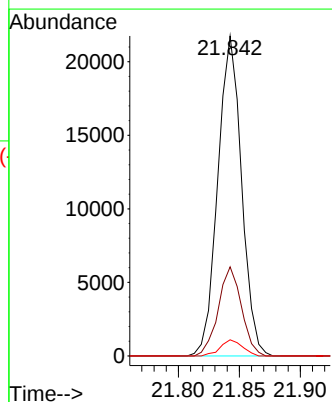
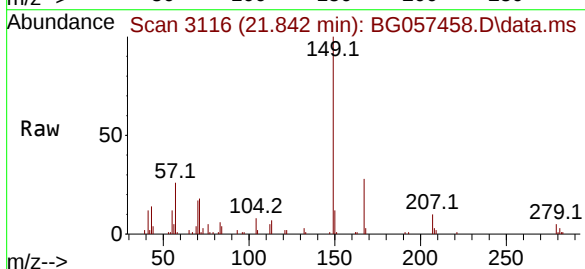
Tgt Ion:149 Resp: 29443

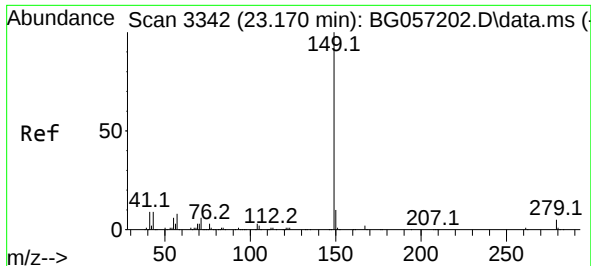
Ion Ratio Lower Upper

149 100

167 27.8 21.2 31.8

279 5.0 3.5 5.3

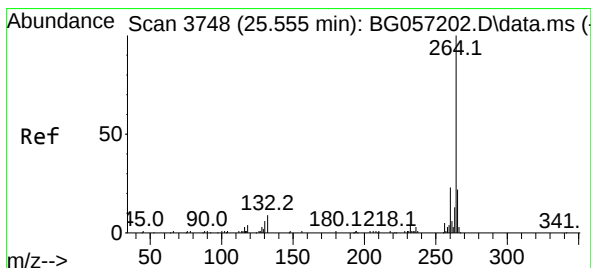
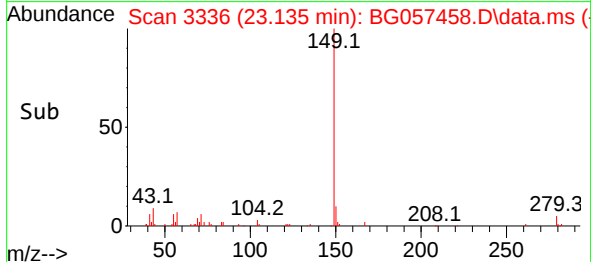
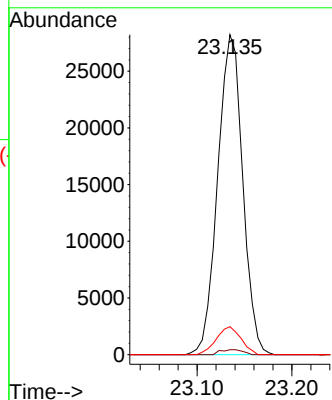
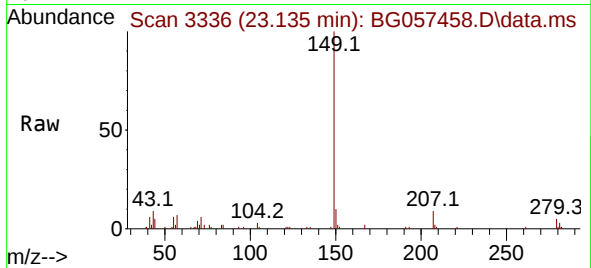




#85
Di-n-octyl phthalate
Concen: 7.417 ng
RT: 23.135 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

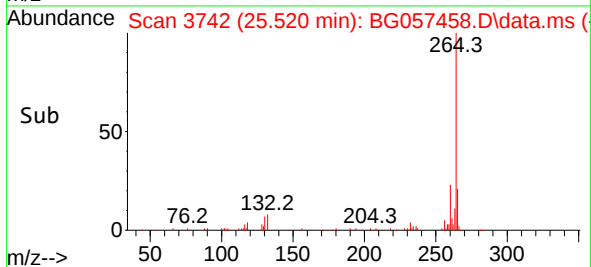
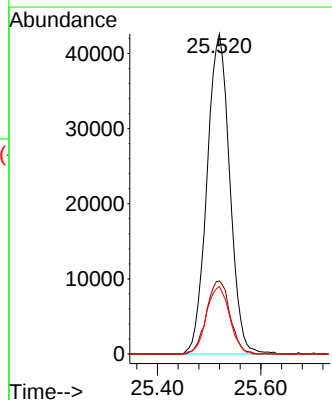
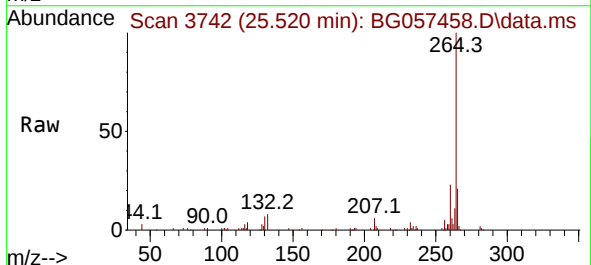
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

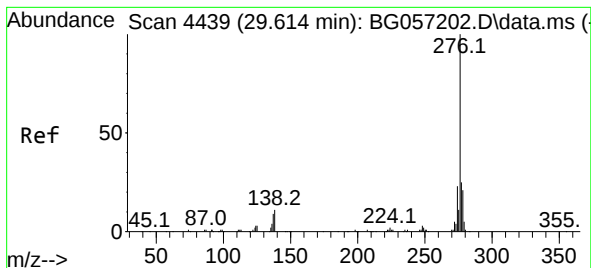
Tgt Ion:149 Resp: 51720
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 8.6 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.520 min Scan# 3742
Delta R.T. -0.015 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:264 Resp: 130058
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.607 ng

RT: 29.555 min Scan# 4429

Delta R.T. -0.044 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

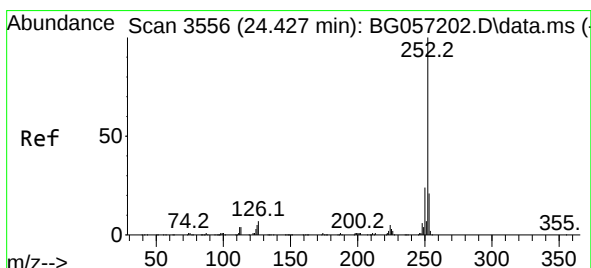
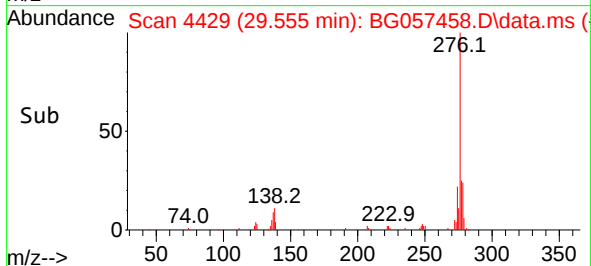
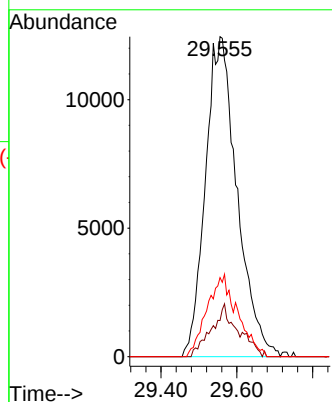
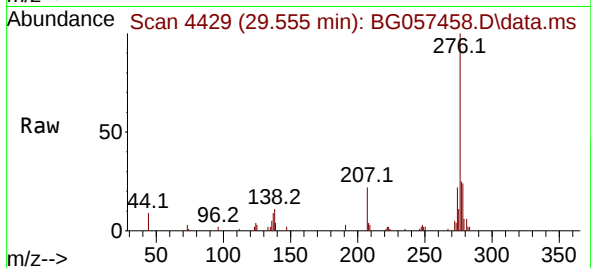
Tgt Ion:276 Resp: 72101

Ion Ratio Lower Upper

276 100

138 11.2 5.4 8.0#

277 24.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 7.973 ng

RT: 24.392 min Scan# 3550

Delta R.T. -0.020 min

Lab File: BG057458.D

Acq: 18 May 2023 12:33

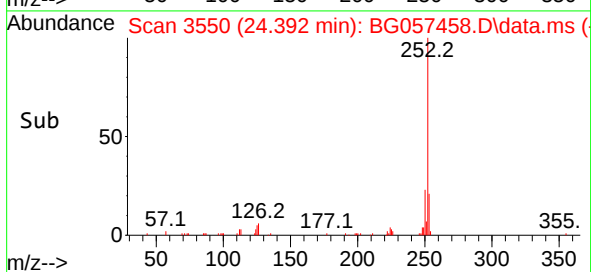
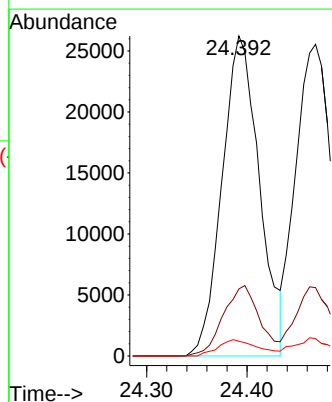
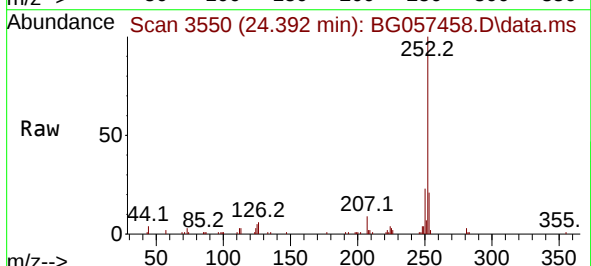
Tgt Ion:252 Resp: 67783

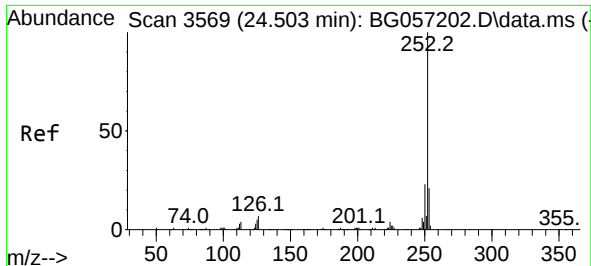
Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

125 4.6 4.2 6.2

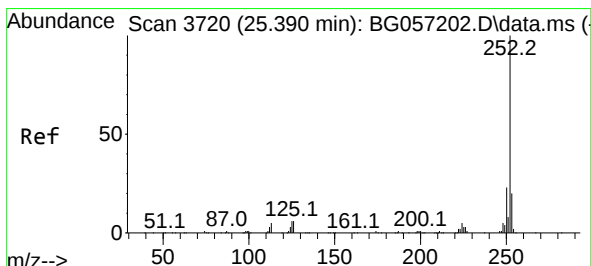
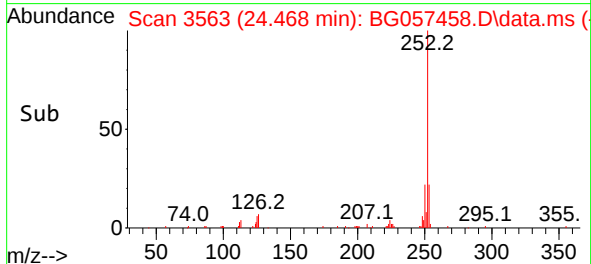
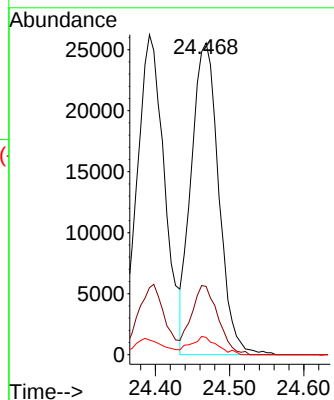
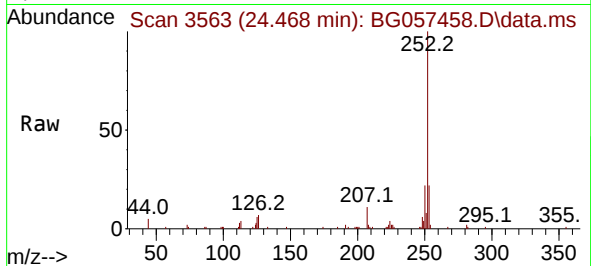




#89
Benzo(k)fluoranthene
Concen: 7.598 ng
RT: 24.468 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

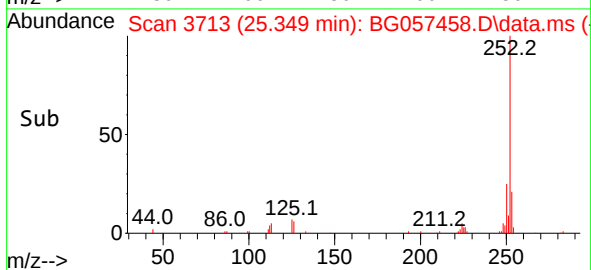
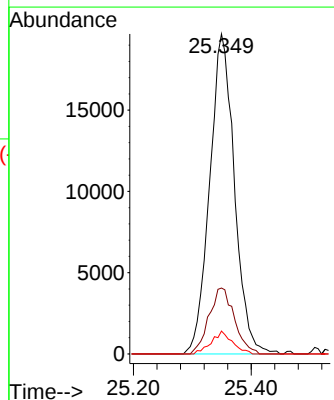
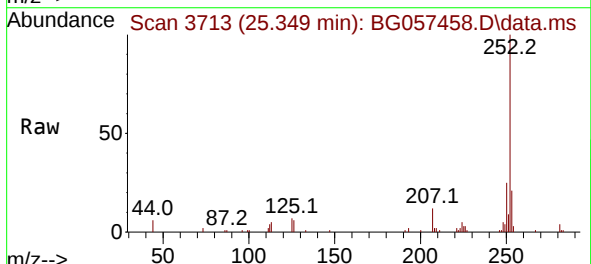
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

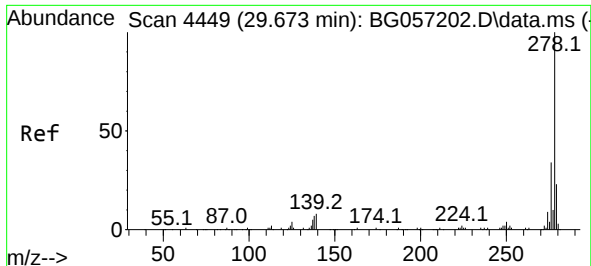
Tgt Ion:252 Resp: 65640
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 5.5 4.1 6.1



#90
Benzo(a)pyrene
Concen: 6.918 ng
RT: 25.349 min Scan# 3713
Delta R.T. -0.026 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:252 Resp: 57461
Ion Ratio Lower Upper
252 100
253 20.6 16.3 24.5
125 7.1 5.0 7.4

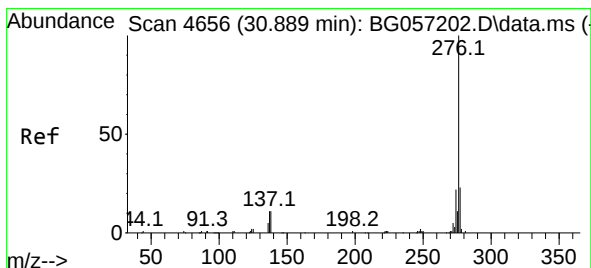
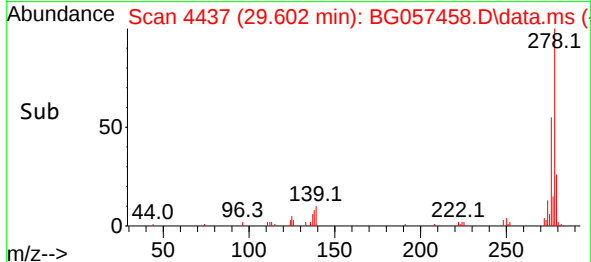
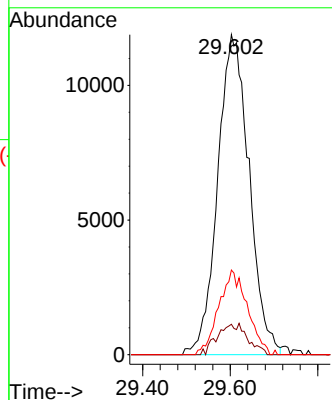
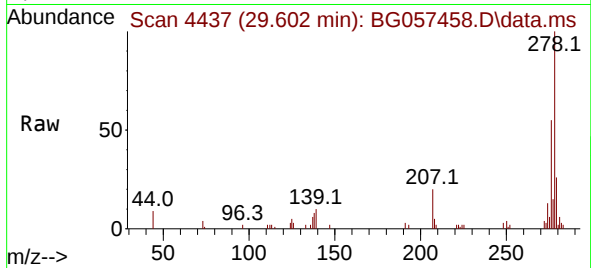




#91
Dibenzo(a,h)anthracene
Concen: 7.504 ng
RT: 29.602 min Scan# 4437
Delta R.T. -0.050 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:278 Resp: 59235
Ion Ratio Lower Upper
278 100
139 9.5 6.2 9.2#
279 26.4 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 7.539 ng
RT: 30.824 min Scan# 4645
Delta R.T. -0.050 min
Lab File: BG057458.D
Acq: 18 May 2023 12:33

Tgt Ion:276 Resp: 58108
Ion Ratio Lower Upper
276 100
277 23.0 18.4 27.6
138 11.3 9.0 13.4

