

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
 Data File : BG056954.D
 Acq On : 3 Apr 2023 12:27
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Apr 04 04:54:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	15731	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	66159	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	52548	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	132226	20.000	ng	0.00
76) Chrysene-d12	22.095	240	124784	20.000	ng	0.00
86) Perylene-d12	25.637	264	133226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	104811	106.633	ng	0.00
7) Phenol-d6	7.538	99	152968	104.055	ng	0.00
23) Nitrobenzene-d5	9.588	82	120054	74.250	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	92385	110.051	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	294108	75.895	ng	0.00
79) Terphenyl-d14	20.338	244	583931	79.185	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.726	88	1627	3.776	ng	96
3) Pyridine	4.160	79	4626	3.333	ng	94
4) n-Nitrosodimethylamine	4.055	42	2565	4.020	ng	# 86
6) Aniline	7.726	93	6801	3.619	ng	96
8) 2-Chlorophenol	7.973	128	3607	3.684	ng	# 73
9) Benzaldehyde	7.538	77	4991	5.413	ng	94
10) Phenol	7.562	94	5697	3.911	ng	89
11) bis(2-Chloroethyl)ether	7.808	93	4122	3.973	ng	91
12) 1,3-Dichlorobenzene	8.302	146	4590	4.243	ng	94
13) 1,4-Dichlorobenzene	8.449	146	4351	3.985	ng	92
14) 1,2-Dichlorobenzene	8.449	146	4351	4.125	ng	90
15) Benzyl Alcohol	8.643	79	4483	3.670	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.936	45	5277	4.220	ng	90
17) 2-Methylphenol	8.836	107	3760	3.618	ng	# 85
18) Hexachloroethane	9.518	117	1666	4.175	ng	88
19) n-Nitroso-di-n-propyla...	9.212	70	3756	3.572	ng	# 93
20) 3+4-Methylphenols	9.165	107	4823	3.319	ng	97
22) Acetophenone	9.242	105	7460	3.789	ng	# 92
24) Nitrobenzene	9.635	77	6394	3.868	ng	# 84
25) Isophorone	10.152	82	10097	3.279	ng	98
26) 2-Nitrophenol	10.352	139	2326	3.645	ng	# 91
27) 2,4-Dimethylphenol	10.387	122	4064	3.607	ng	96
28) bis(2-Chloroethoxy)met...	10.628	93	5201	3.374	ng	# 95
29) 2,4-Dichlorophenol	10.881	162	4276	3.529	ng	# 80
30) 1,2,4-Trichlorobenzene	11.110	180	4829	3.751	ng	88
31) Naphthalene	11.310	128	13311	3.691	ng	97
32) Benzoic acid	10.487	122	184	0.238	ng	# 51
33) 4-Chloroaniline	11.398	127	5665	3.478	ng	94
34) Hexachlorobutadiene	11.580	225	3752	3.880	ng	# 87
35) Caprolactam	12.132	113	1431	3.425	ng	# 76
36) 4-Chloro-3-methylphenol	12.484	107	4361	3.219	ng	# 87
37) 2-Methylnaphthalene	12.884	142	9854	3.443	ng	96
38) 1-Methylnaphthalene	13.101	142	9164	3.410	ng	# 92
40) 1,2,4,5-Tetrachloroben...	13.242	216	6965	3.822	ng	98
41) Hexachlorocyclopentadiene	13.219	237	3779	3.764	ng	79
43) 2,4,6-Trichlorophenol	13.465	196	3848	3.309	ng	90

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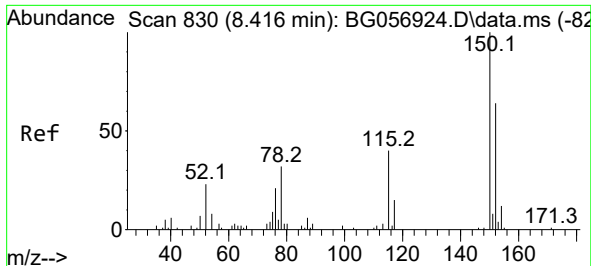
Quant Time: Apr 04 04:54:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	4327	3.141	ng	# 81
46) 1,1'-Biphenyl	13.865	154	15121	3.931	ng	97
47) 2-Chloronaphthalene	13.918	162	11236	3.949	ng	# 91
48) 2-Nitroaniline	14.106	65	2999	2.948	ng	# 74
49) Acenaphthylene	14.758	152	16834	3.601	ng	96
50) Dimethylphthalate	14.458	163	14591	3.524	ng	# 95
51) 2,6-Dinitrotoluene	14.587	165	2904	3.246	ng	94
52) Acenaphthene	15.093	154	11246	3.488	ng	94
53) 3-Nitroaniline	14.922	138	2929	3.308	ng	93
54) 2,4-Dinitrophenol	15.128	184	944	1.875	ng	# 74
55) Dibenzofuran	15.422	168	18058	3.732	ng	98
56) 4-Nitrophenol	15.198	139	1827	2.790	ng	88
57) 2,4-Dinitrotoluene	15.369	165	4510	3.575	ng	# 89
58) Fluorene	16.068	166	14982	3.742	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.639	232	4287	3.418	ng	# 97
60) Diethylphthalate	15.809	149	15069	3.630	ng	# 97
61) 4-Chlorophenyl-phenyle...	16.050	204	8758	3.726	ng	92
62) 4-Nitroaniline	16.074	138	3263	3.557	ng	# 73
63) Azobenzene	16.344	77	15520	3.752	ng	95
65) 4,6-Dinitro-2-methylph...	16.132	198	2198	2.745	ng	74
66) n-Nitrosodiphenylamine	16.262	169	12686	3.574	ng	88
67) 4-Bromophenyl-phenylether	16.943	248	6175	3.774	ng	88
68) Hexachlorobenzene	17.072	284	6315	3.904	ng	96
69) Atrazine	17.190	200	5560	3.774	ng	79
70) Pentachlorophenol	17.413	266	2544	2.192	ng	# 71
71) Phenanthrene	17.813	178	25704	3.813	ng	95
72) Anthracene	17.901	178	25098	3.632	ng	97
73) Carbazole	18.165	167	22709	3.769	ng	# 93
74) Di-n-butylphthalate	18.688	149	24834	3.559	ng	96
75) Fluoranthene	19.798	202	32013	3.746	ng	96
77) Benzidine	20.338	184	9977	2.925	ng	97
78) Pyrene	20.156	202	31348	3.632	ng	99
80) Butylbenzylphthalate	21.020	149	10536	3.548	ng	91
81) Benzo(a)anthracene	22.066	228	32702	3.787	ng	98
82) 3,3'-Dichlorobenzidine	21.966	252	12660	4.342	ng	# 91
83) Chrysene	22.142	228	29946	3.704	ng	95
84) Bis(2-ethylhexyl)phtha...	21.930	149	15258	3.548	ng	97
85) Di-n-octyl phthalate	23.246	149	25050	3.456	ng	97
87) Indeno(1,2,3-cd)pyrene	29.714	276	14890	1.512	ng	# 82
88) Benzo(b)fluoranthene	24.498	252	32909	3.950	ng	96
89) Benzo(k)fluoranthene	24.580	252	32840	3.948	ng	96
90) Benzo(a)pyrene	25.467	252	28480	3.479	ng	97
91) Dibenzo(a,h)anthracene	29.802	278	32093	3.965	ng	94
92) Benzo(g,h,i)perylene	30.995	276	30490	3.847	ng	95

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

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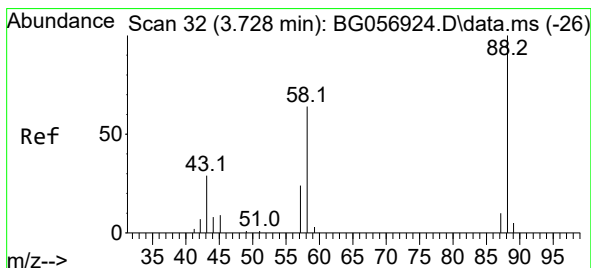
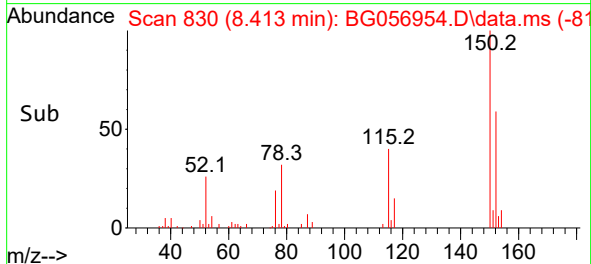
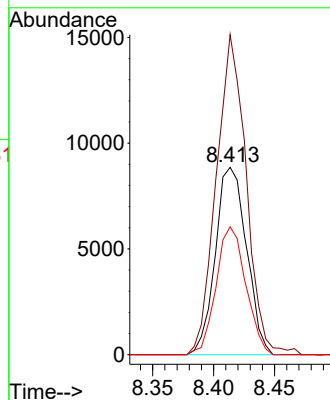
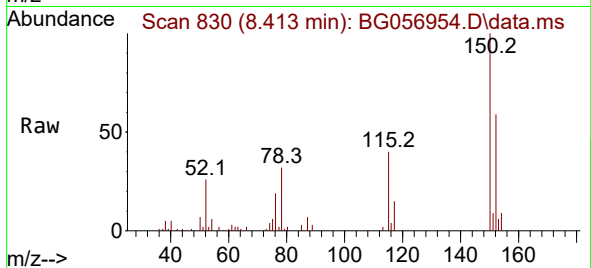




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

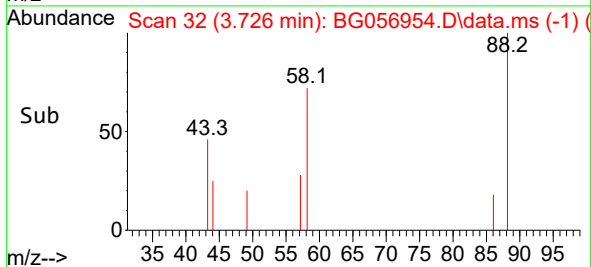
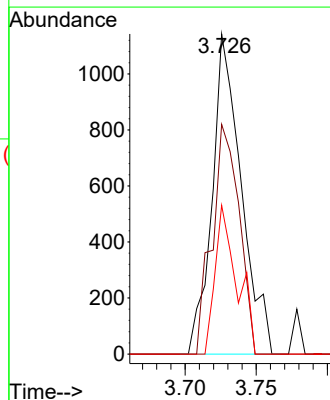
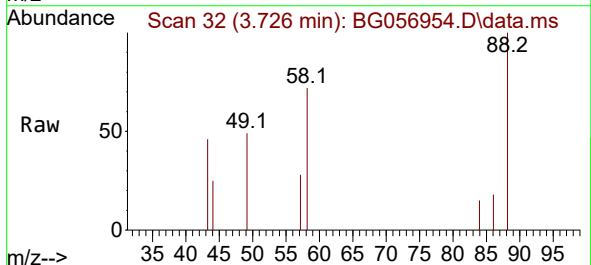
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:152 Resp: 15731
Ion Ratio Lower Upper
152 100
150 170.8 124.1 186.1
115 68.3 49.1 73.7



#2
1,4-Dioxane
Concen: 3.776 ng
RT: 3.726 min Scan# 32
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 88 Resp: 1627
Ion Ratio Lower Upper
88 100
58 66.7 55.9 83.9
43 34.8 25.7 38.5

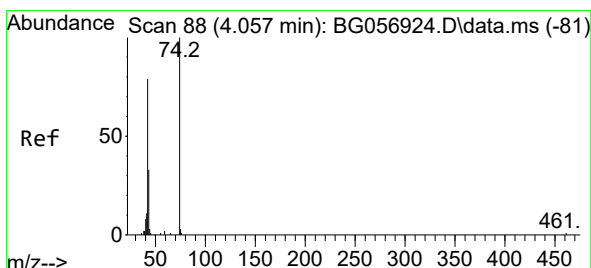
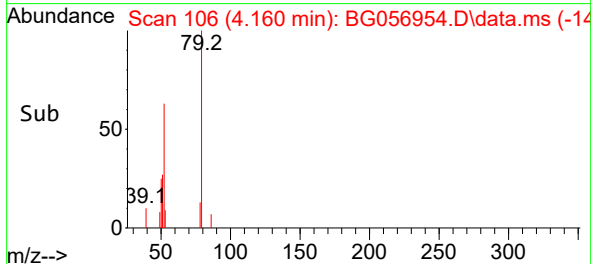
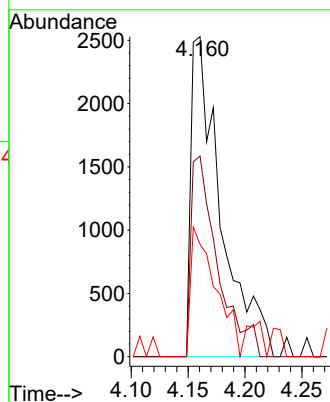
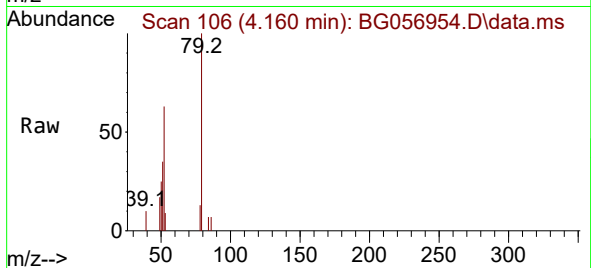




#3
Pyridine
Concen: 3.333 ng
RT: 4.160 min Scan# 106
Delta R.T. 0.009 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

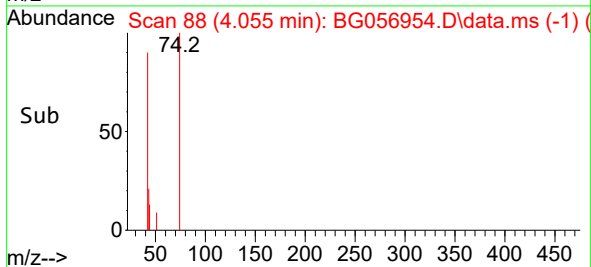
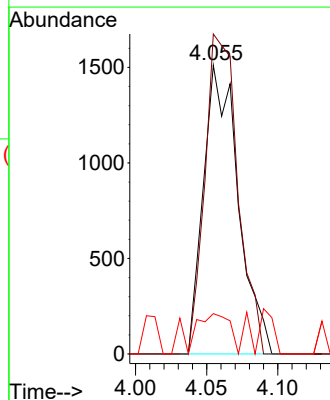
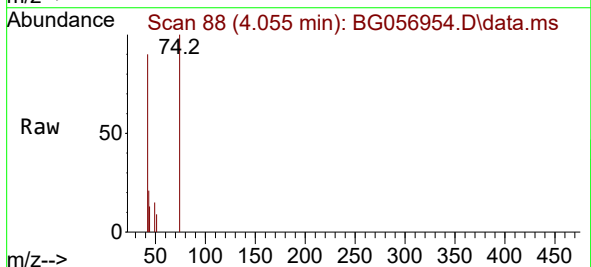
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 79 Resp: 4626
Ion Ratio Lower Upper
79 100
52 62.7 46.1 69.1
51 35.1 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 4.020 ng
RT: 4.055 min Scan# 88
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 42 Resp: 2565
Ion Ratio Lower Upper
42 100
74 110.9 100.6 151.0
44 14.0 4.6 7.0

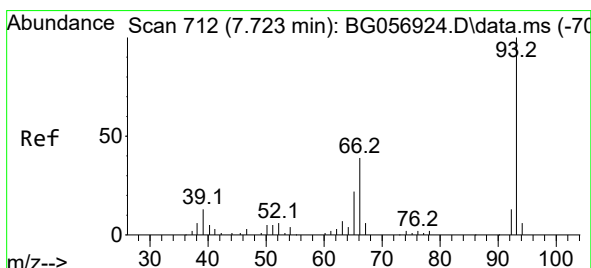
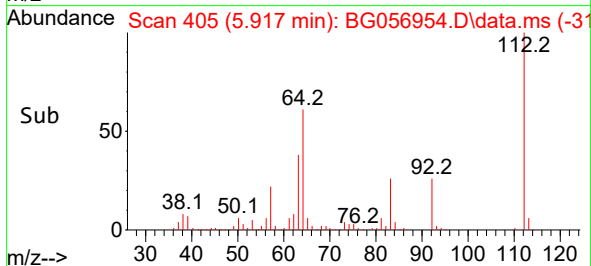
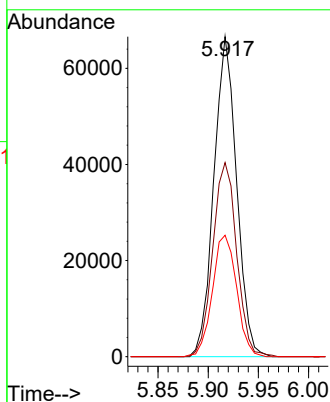
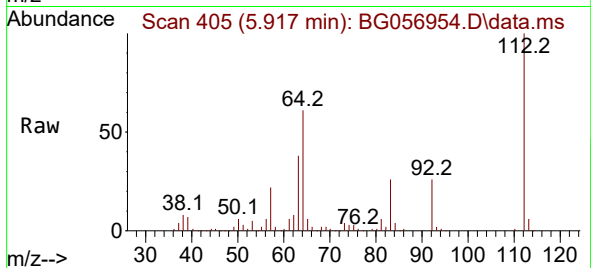




#5
2-Fluorophenol
Concen: 106.633 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

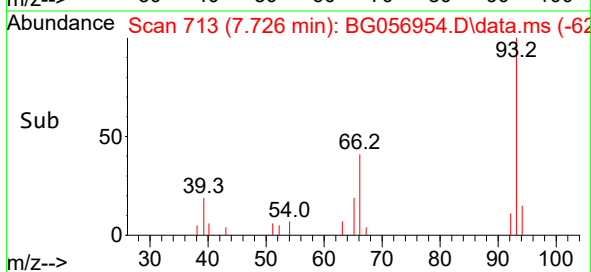
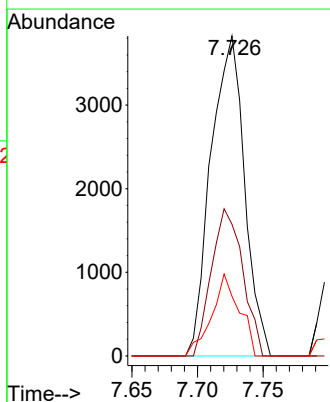
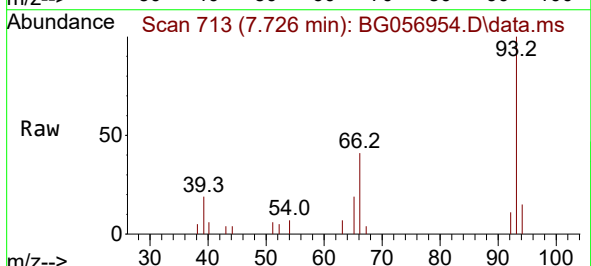
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ClientSampleId :
MDL-WATER-03-QT1-2023

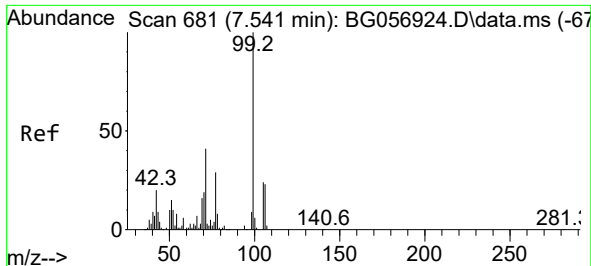
Tgt Ion:112 Resp: 104811
Ion Ratio Lower Upper
112 100
64 60.7 53.2 79.8
63 37.9 32.6 48.8



#6
Aniline
Concen: 3.619 ng
RT: 7.726 min Scan# 713
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 93 Resp: 6801
Ion Ratio Lower Upper
93 100
66 41.1 31.4 47.0
65 18.6 17.3 25.9

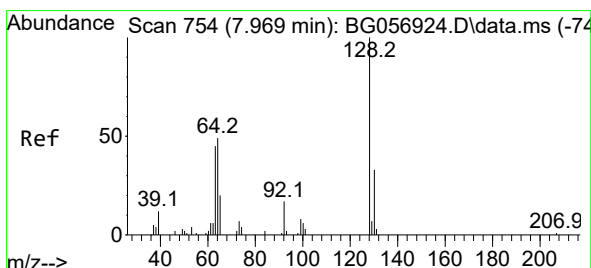
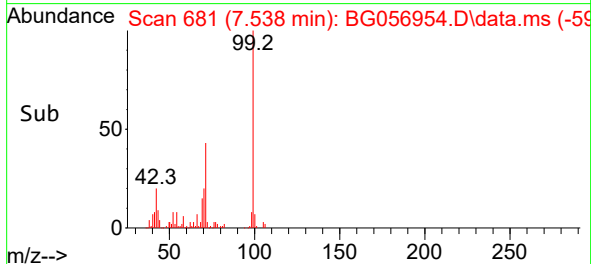
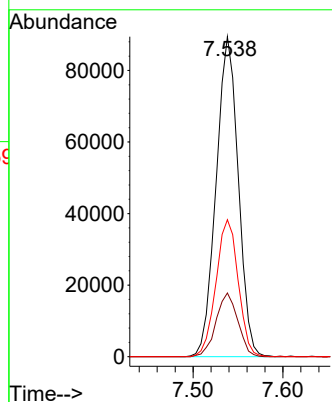
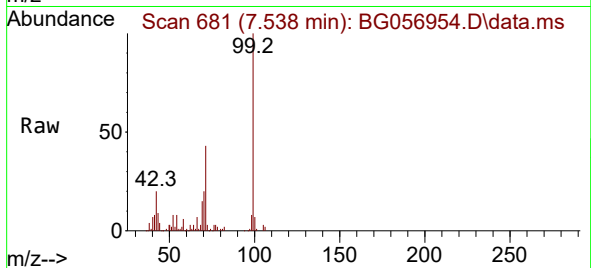




#7
Phenol-d6
Concen: 104.055 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

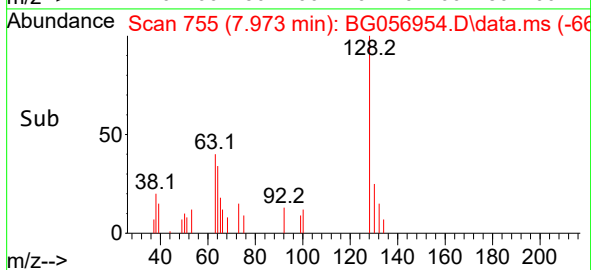
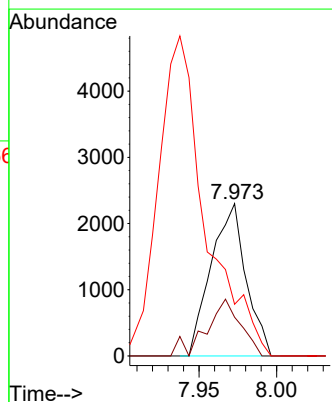
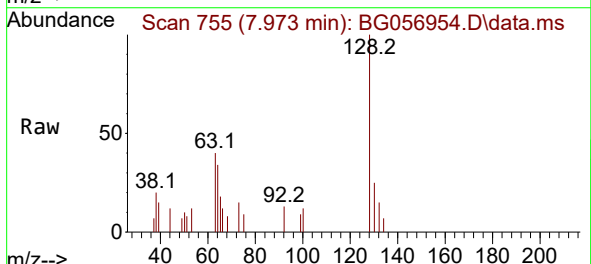
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 99 Resp: 152968
Ion Ratio Lower Upper
99 100
42 19.9 15.7 23.5
71 42.8 32.5 48.7



#8
2-Chlorophenol
Concen: 3.684 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:128 Resp: 3607
Ion Ratio Lower Upper
128 100
130 25.5 12.6 52.6
64 34.0 40.6 80.6#

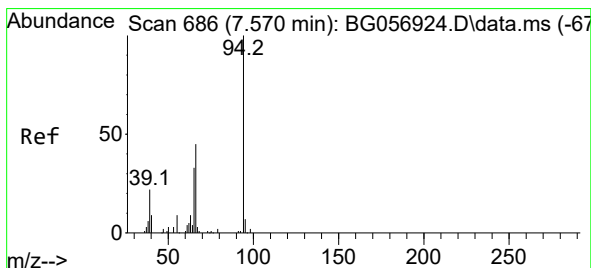
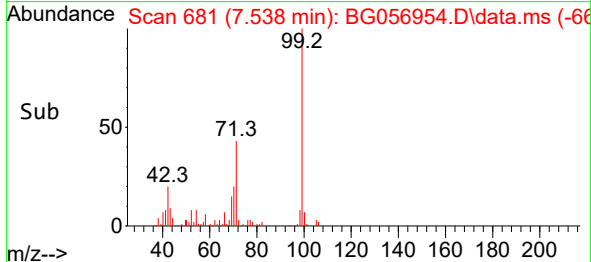
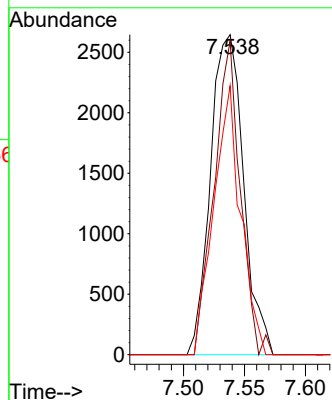
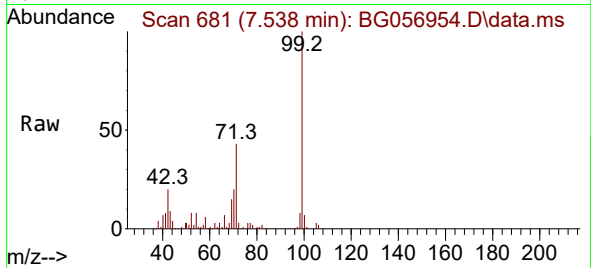




#9
Benzaldehyde
Concen: 5.413 ng
RT: 7.538 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

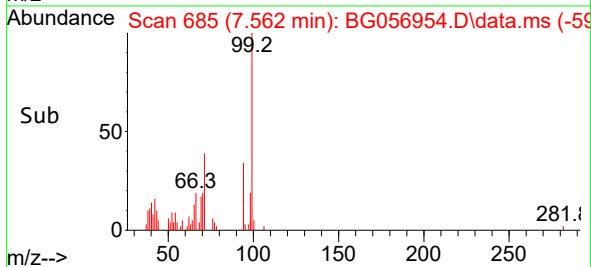
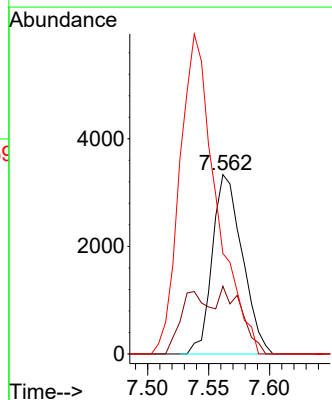
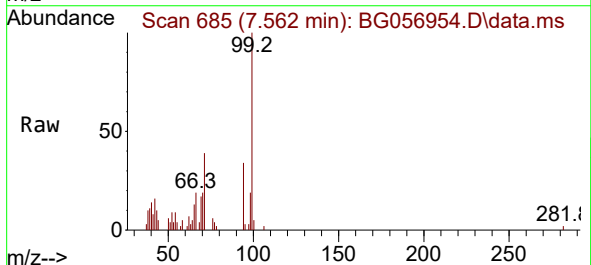
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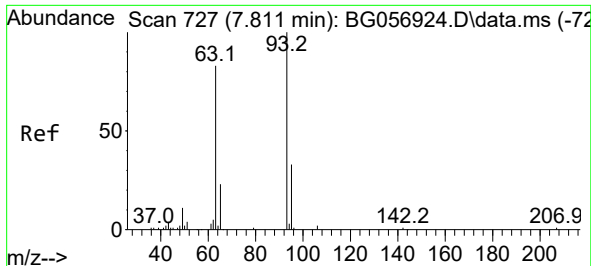
Tgt Ion: 77 Resp: 4991
Ion Ratio Lower Upper
77 100
105 98.0 73.6 113.6
106 84.1 56.7 96.7



#10
Phenol
Concen: 3.911 ng
RT: 7.562 min Scan# 685
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 94 Resp: 5697
Ion Ratio Lower Upper
94 100
65 37.7 13.3 53.3
66 56.0 26.7 66.7



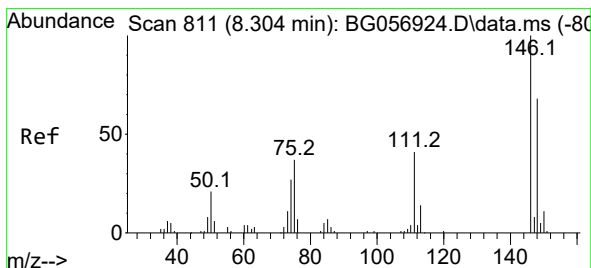
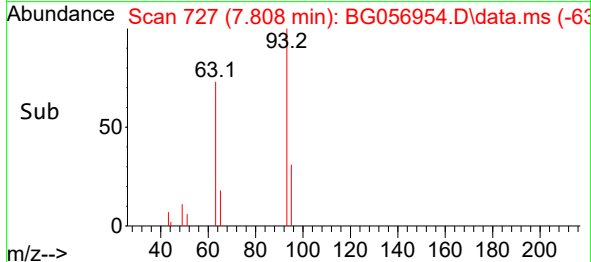
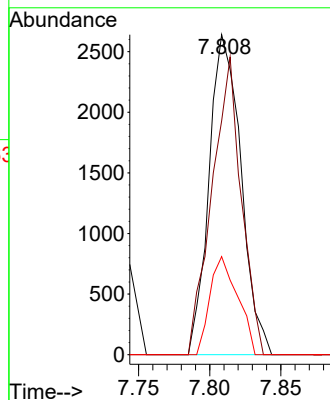
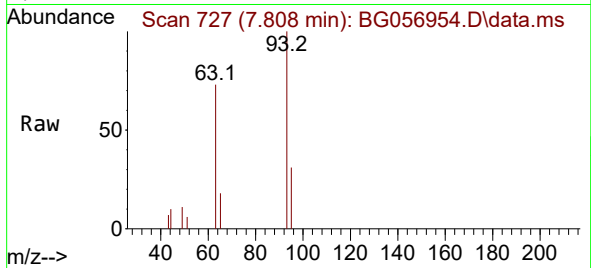


#11
bis(2-Chloroethyl)ether
Concen: 3.973 ng
RT: 7.808 min Scan# 727
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 93 Resp: 4122

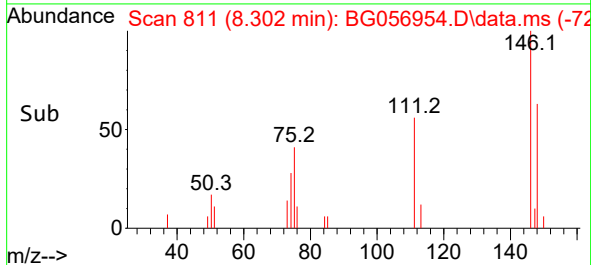
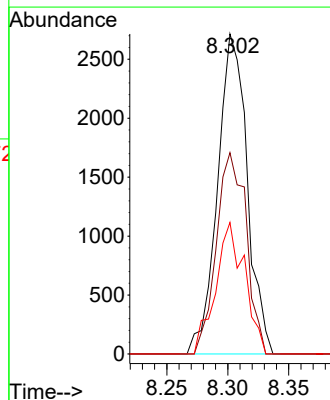
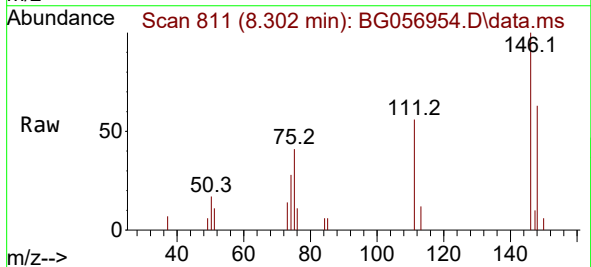
Ion	Ratio	Lower	Upper
93	100		
63	73.0	62.7	102.7
95	30.6	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 4.243 ng
RT: 8.302 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 146 Resp: 4590

Ion	Ratio	Lower	Upper
146	100		
148	62.9	54.2	81.4
75	41.1	29.8	44.8

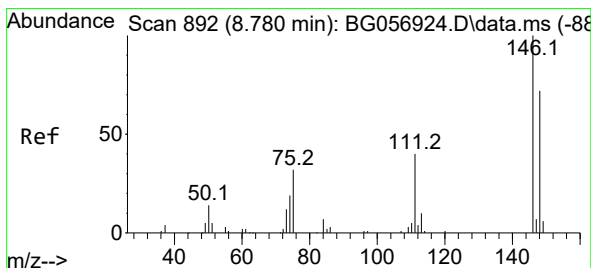
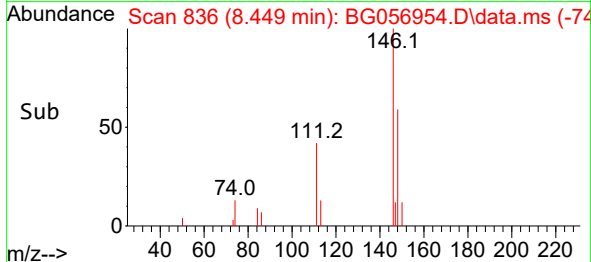
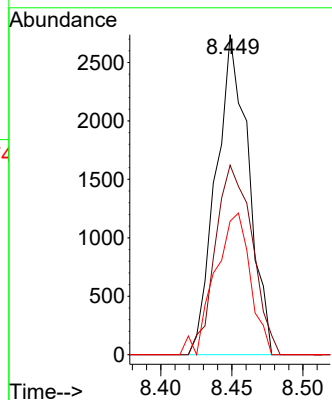
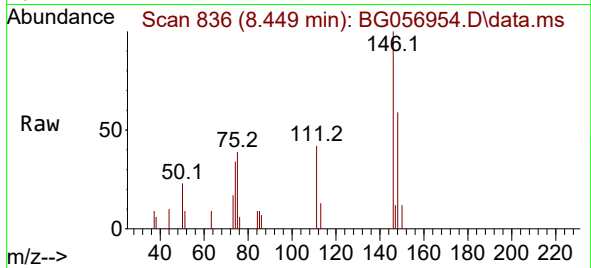




#13
1,4-Dichlorobenzene
Concen: 3.985 ng
RT: 8.449 min Scan# 836
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

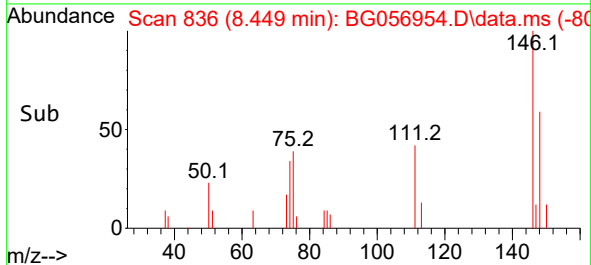
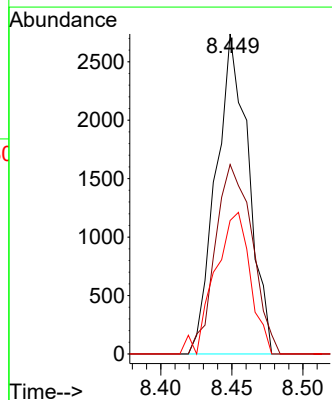
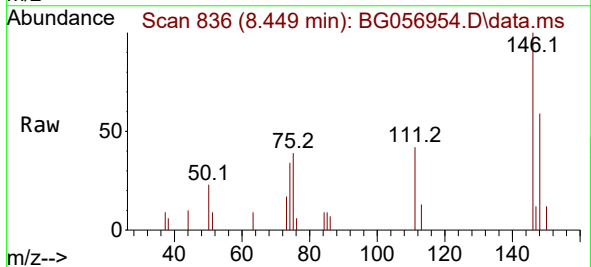
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:146 Resp: 4351
Ion Ratio Lower Upper
146 100
148 59.2 54.8 82.2
111 41.7 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 4.125 ng
RT: 8.449 min Scan# 836
Delta R.T. -0.331 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:146 Resp: 4351
Ion Ratio Lower Upper
146 100
148 59.2 57.4 86.0
111 41.7 33.2 49.8

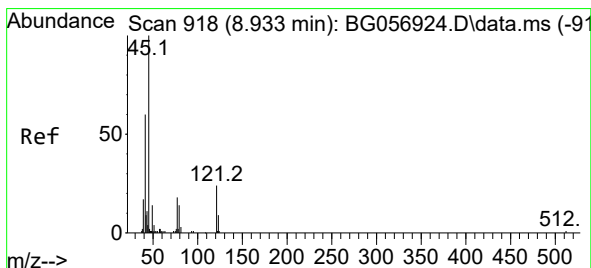
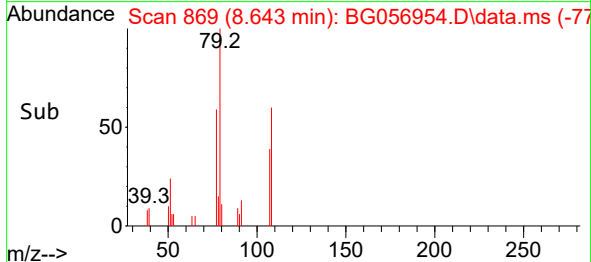
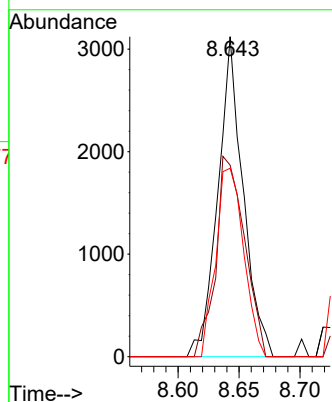
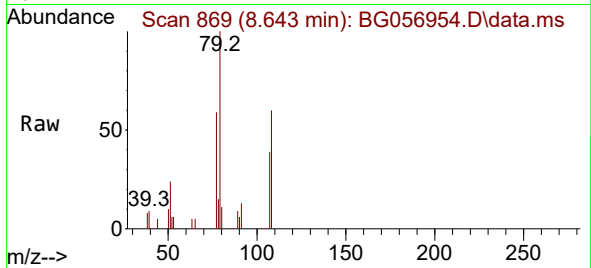




#15
Benzyl Alcohol
Concen: 3.670 ng
RT: 8.643 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

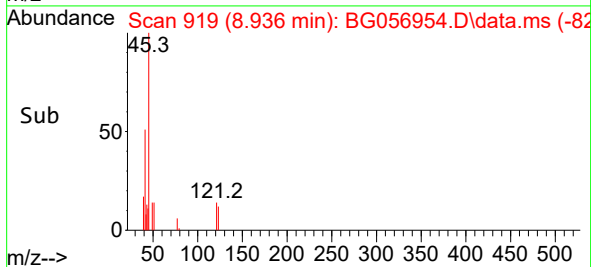
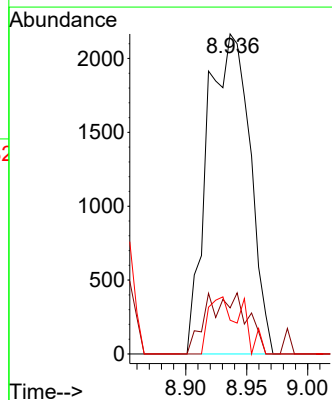
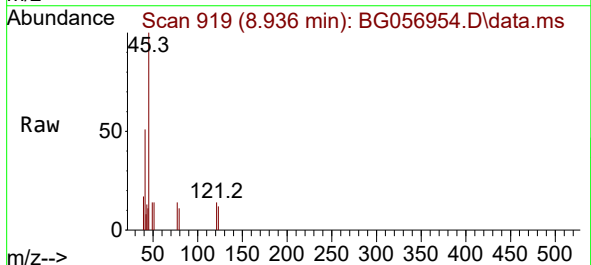
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

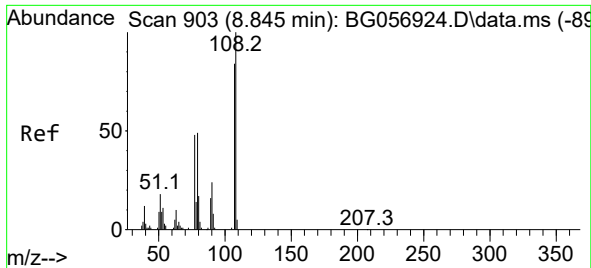
Tgt Ion: 79 Resp: 4483
Ion Ratio Lower Upper
79 100
108 59.9 51.2 76.8
77 58.9 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.220 ng
RT: 8.936 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 45 Resp: 5277
Ion Ratio Lower Upper
45 100
77 14.4 0.0 38.7
79 10.5 0.0 35.1

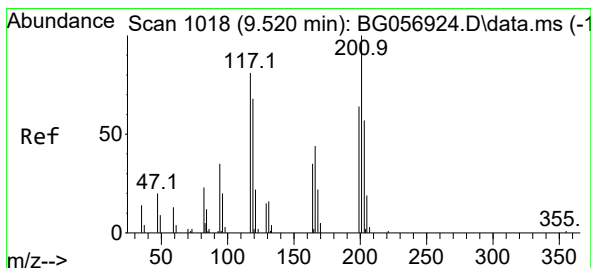
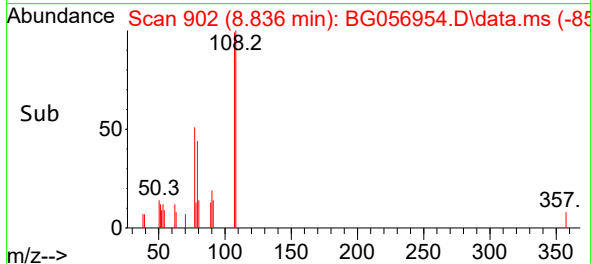
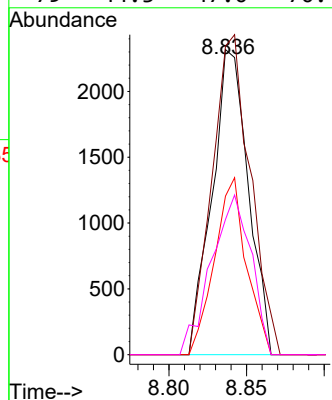
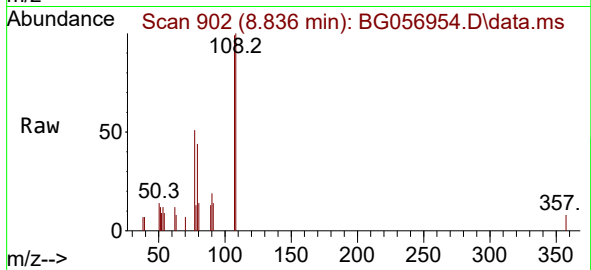




#17
2-Methylphenol
Concen: 3.618 ng
RT: 8.836 min Scan# 903
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

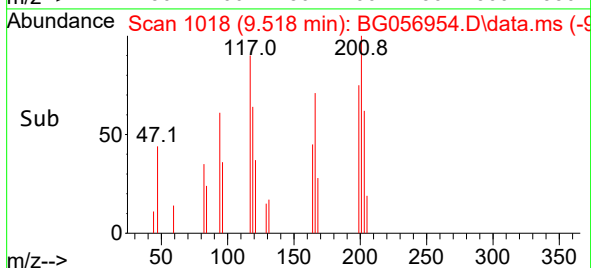
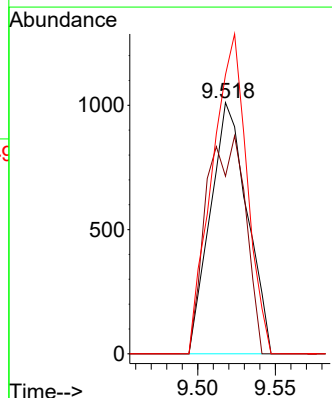
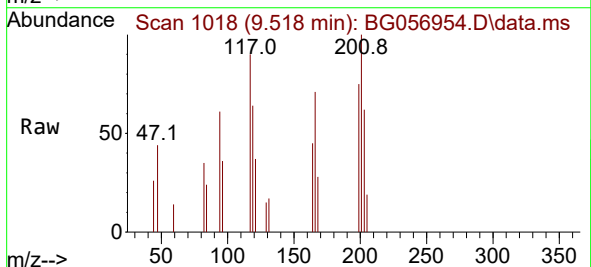
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

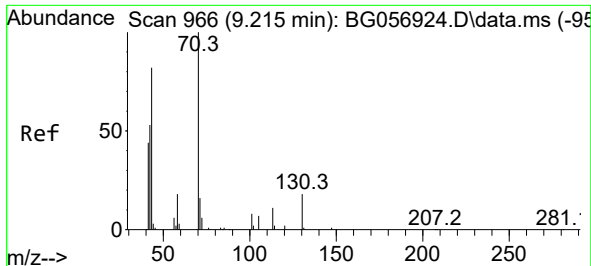
Tgt Ion:107 Resp: 3760
Ion Ratio Lower Upper
107 100
108 101.1 96.0 144.0
77 52.0 45.6 68.4
79 44.3 47.0 70.4#



#18
Hexachloroethane
Concen: 4.175 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:117 Resp: 1666
Ion Ratio Lower Upper
117 100
119 70.7 67.0 100.6
201 111.1 98.7 148.1

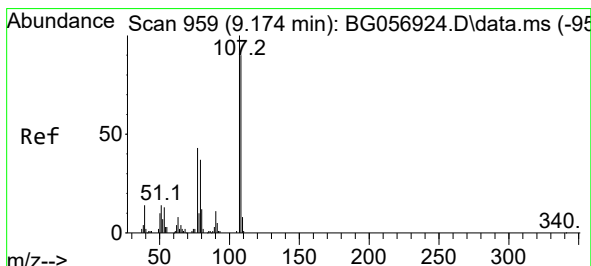
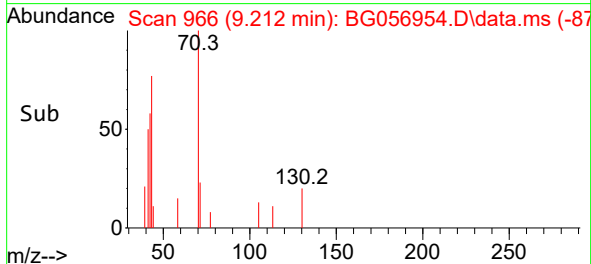
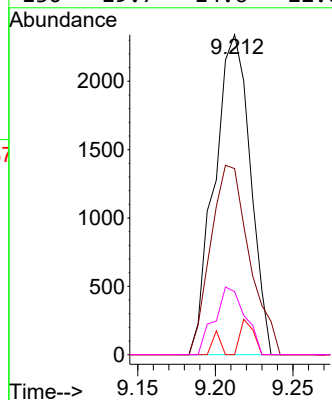
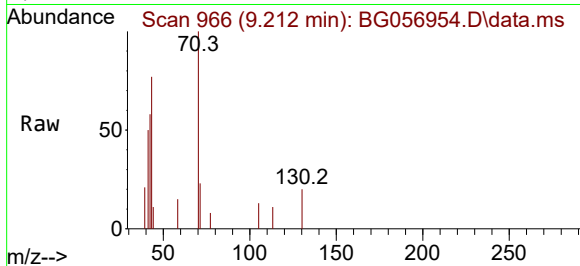




#19
n-Nitroso-di-n-propylamine
Concen: 3.572 ng
RT: 9.212 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

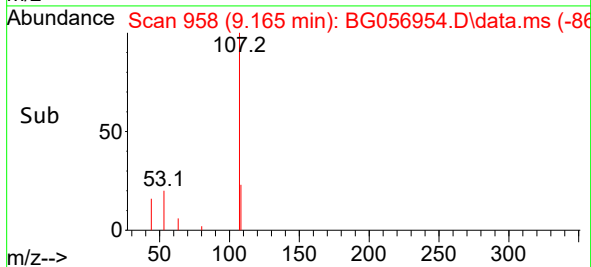
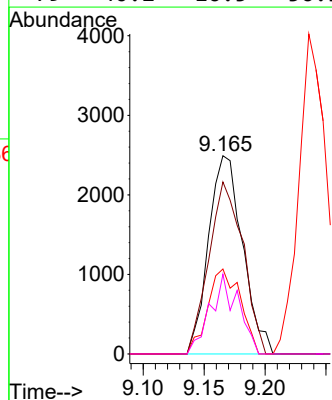
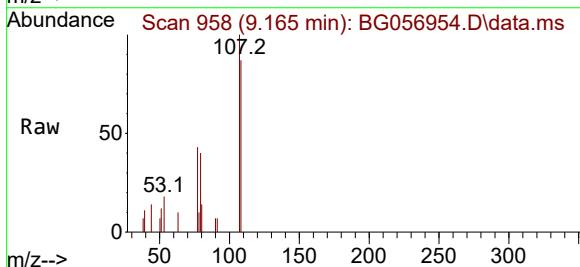
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

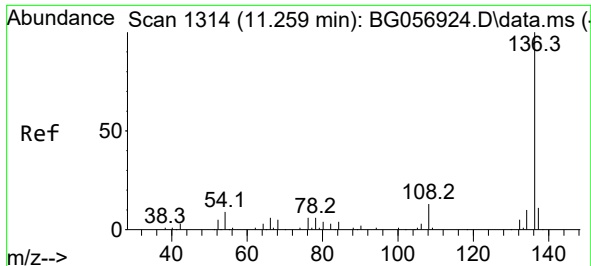
Tgt Ion: 70	Resp: 3756
Ion Ratio	Lower Upper
70 100	
42 58.2	43.4 65.0
101 0.0	6.2 9.2#
130 19.7	14.6 22.0



#20
3+4-Methylphenols
Concen: 3.319 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt	Ion:107	Resp:	4823
Ion	Ratio	Lower	Upper
107	100		
108	86.8	69.9	109.9
77	42.8	22.7	62.7
79	40.2	16.5	56.5

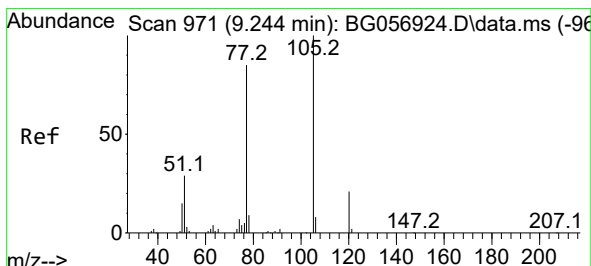
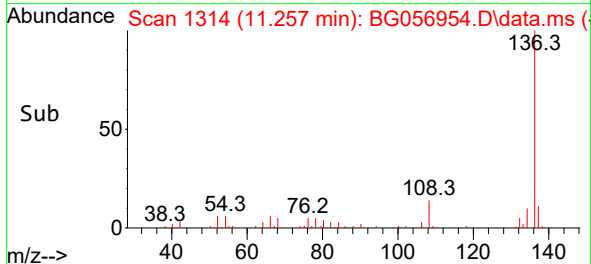
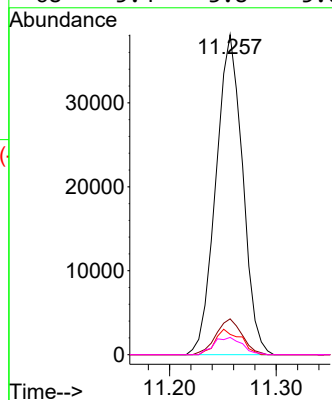
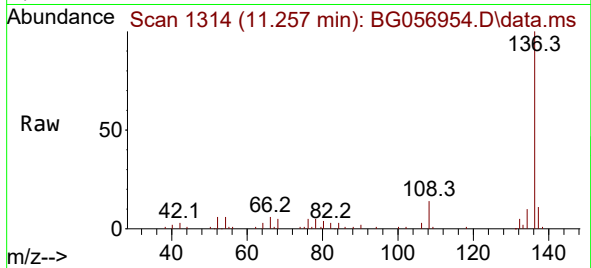




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

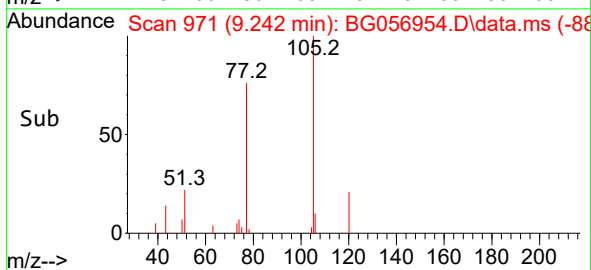
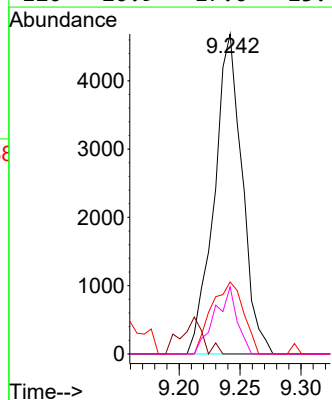
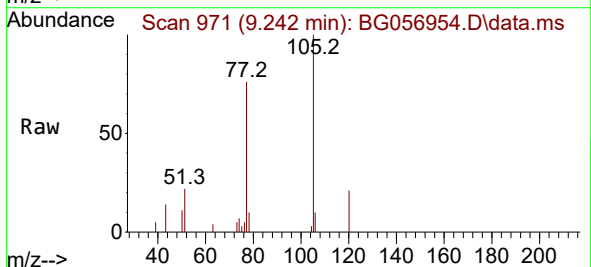
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

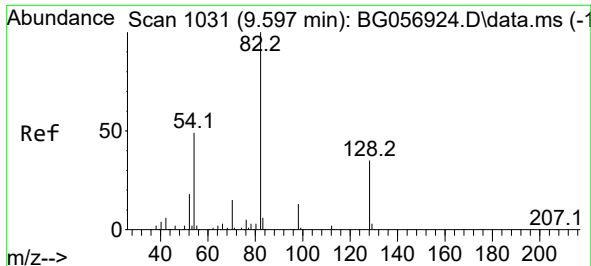
Tgt Ion:136 Resp: 66159
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 6.3 6.9 10.3#
68 5.4 3.8 5.6



#22
Acetophenone
Concen: 3.789 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:105 Resp: 7460
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 22.5 23.8 35.8#
120 20.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 74.250 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

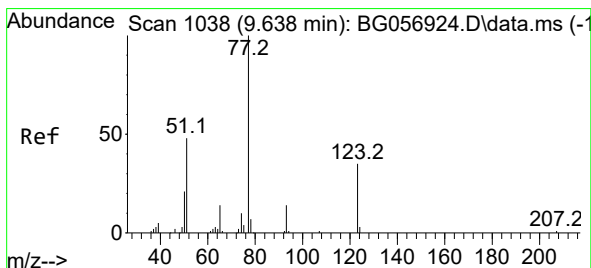
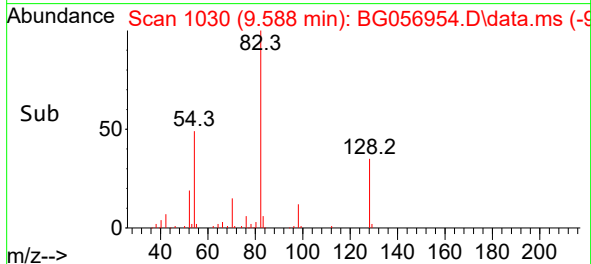
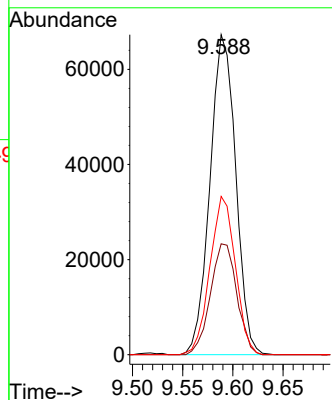
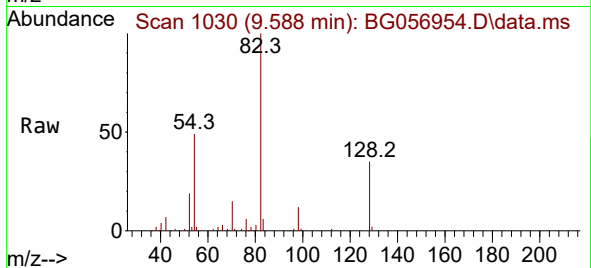
Tgt Ion: 82 Resp: 120054

Ion Ratio Lower Upper

82 100

128 34.6 27.9 41.9

54 49.5 39.4 59.2



#24

Nitrobenzene

Concen: 3.868 ng

RT: 9.635 min Scan# 1038

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

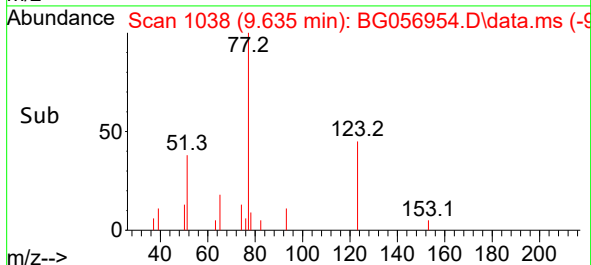
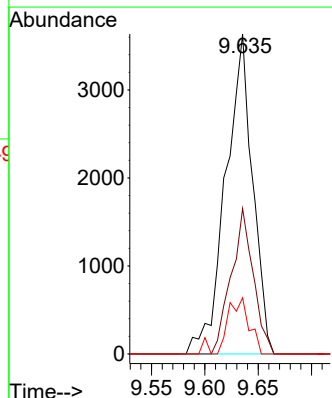
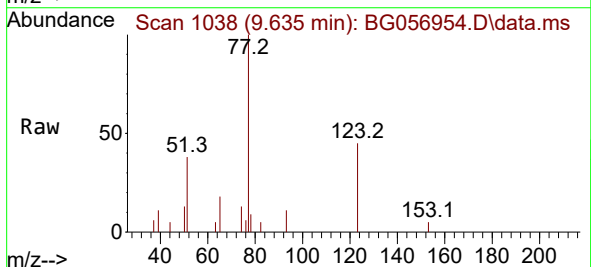
Tgt Ion: 77 Resp: 6394

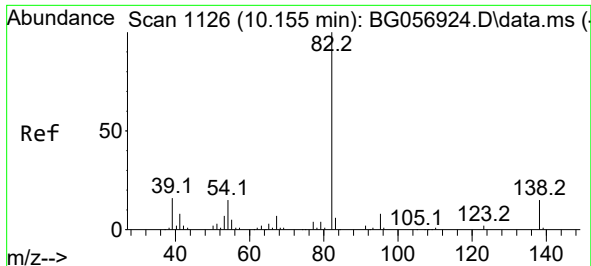
Ion Ratio Lower Upper

77 100

123 45.5 27.6 41.4#

65 17.6 11.5 17.3#

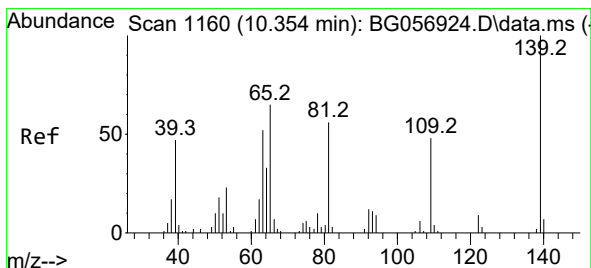
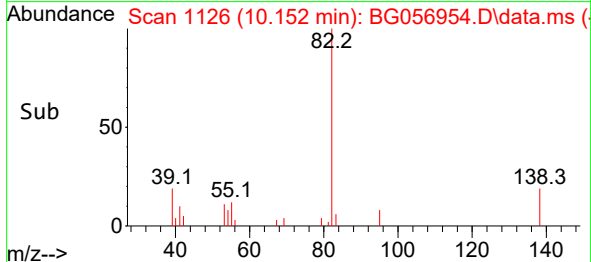
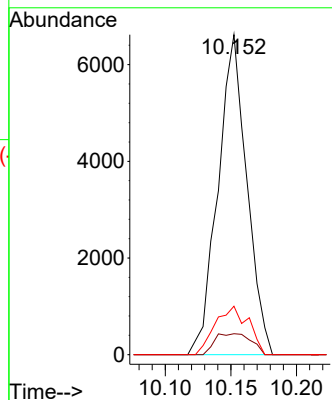
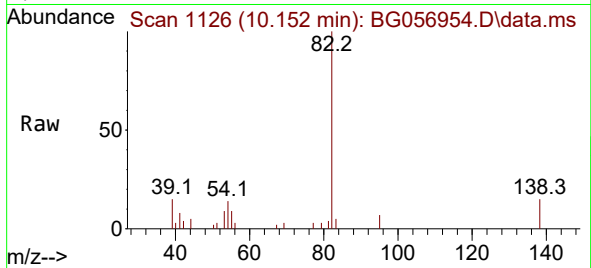




#25
Isophorone
Concen: 3.279 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

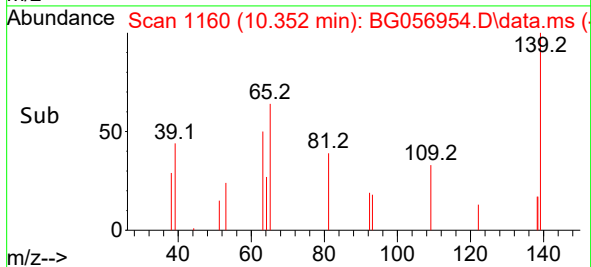
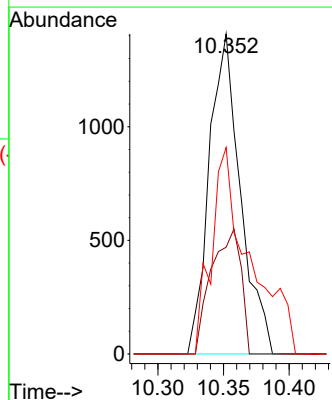
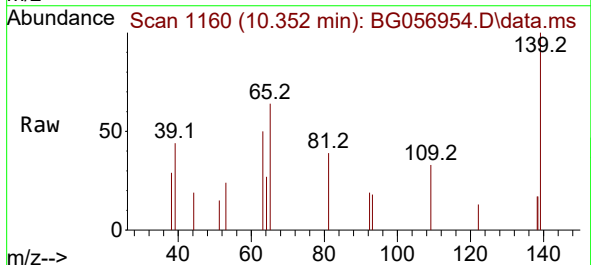
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

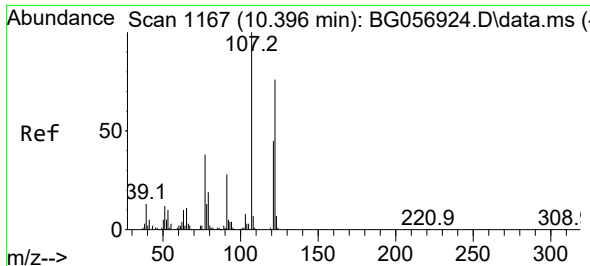
Tgt Ion: 82 Resp: 10097
Ion Ratio Lower Upper
82 100
95 6.5 6.3 9.5
138 15.2 11.8 17.8



#26
2-Nitrophenol
Concen: 3.645 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:139 Resp: 2326
Ion Ratio Lower Upper
139 100
109 33.4 38.2 57.4#
65 64.5 51.8 77.8

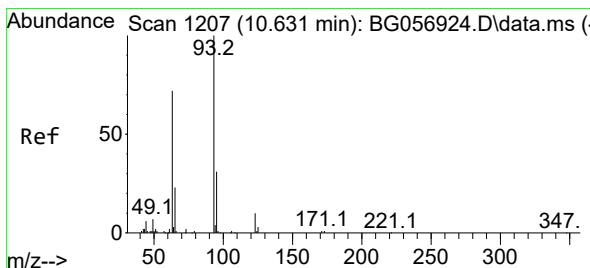
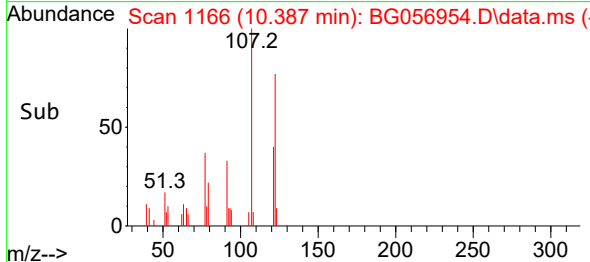
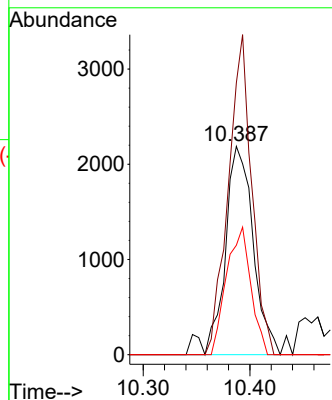
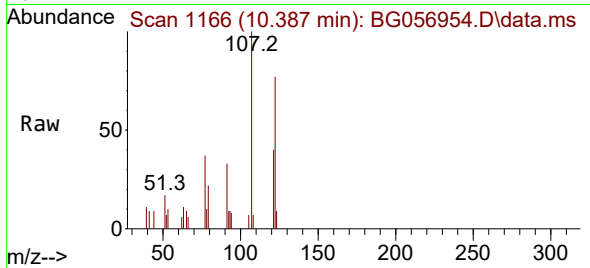




#27
2,4-Dimethylphenol
Concen: 3.607 ng
RT: 10.387 min Scan# 1166
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

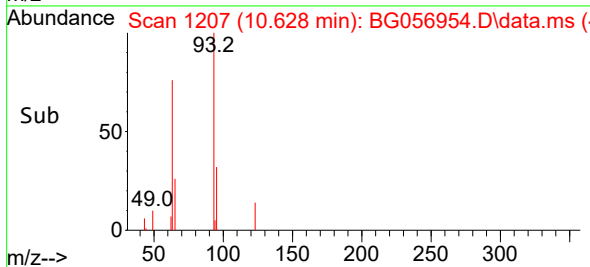
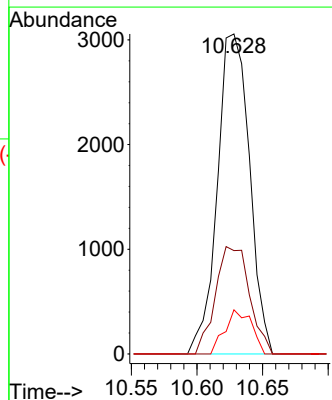
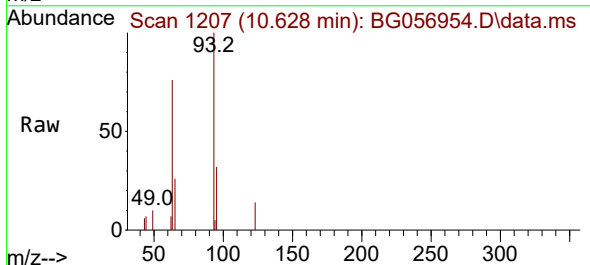
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

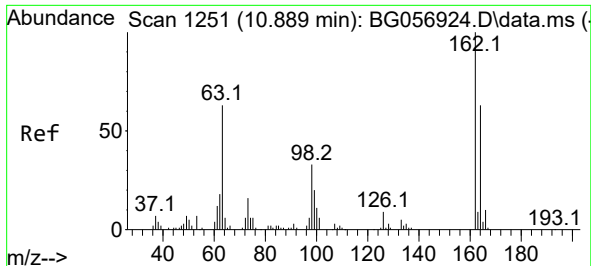
Tgt Ion:122 Resp: 4064
Ion Ratio Lower Upper
122 100
107 130.5 105.7 158.5
121 52.5 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 3.374 ng
RT: 10.628 min Scan# 1207
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 93 Resp: 5201
Ion Ratio Lower Upper
93 100
95 32.3 24.6 37.0
123 13.8 7.8 11.6#





#29

2,4-Dichlorophenol

Concen: 3.529 ng

RT: 10.881 min Scan# 1251

Delta R.T. -0.008 min

Lab File: BG056954.D

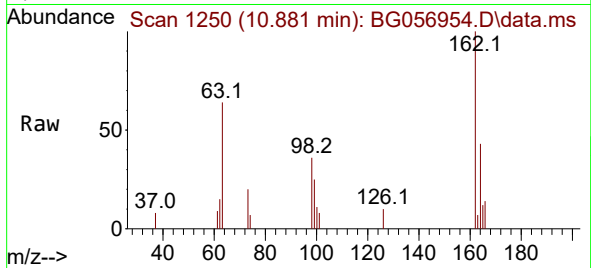
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



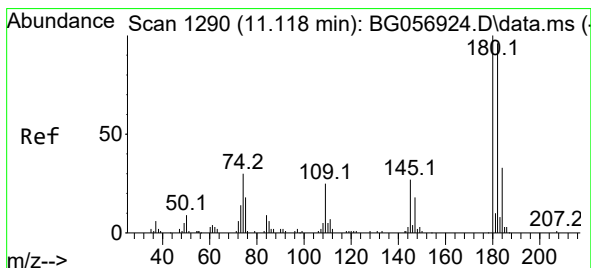
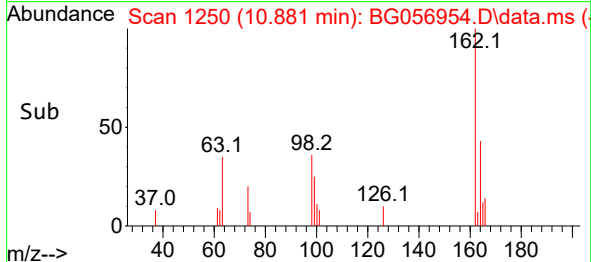
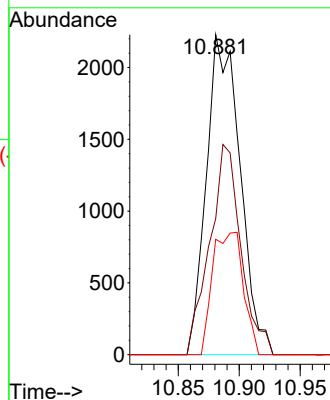
Tgt Ion:162 Resp: 4276

Ion Ratio Lower Upper

162 100

164 42.5 43.4 83.4#

98 36.1 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 3.751 ng

RT: 11.110 min Scan# 1289

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

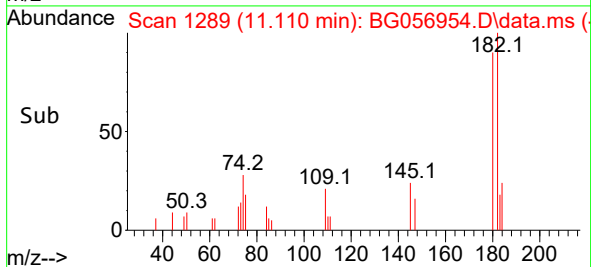
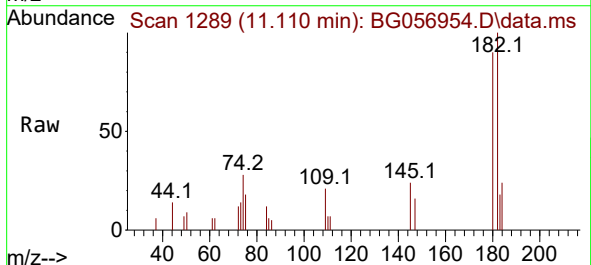
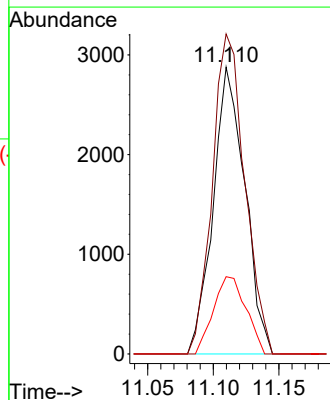
Tgt Ion:180 Resp: 4829

Ion Ratio Lower Upper

180 100

182 111.6 77.1 115.7

145 27.0 21.3 31.9

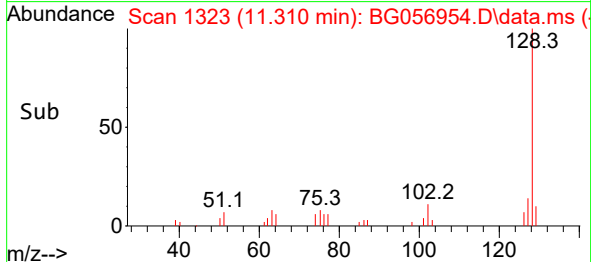
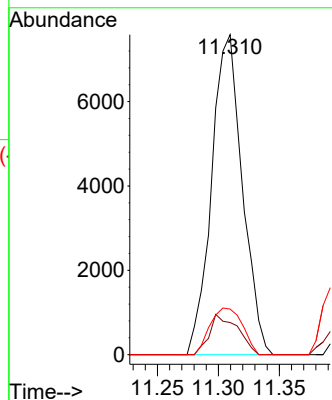
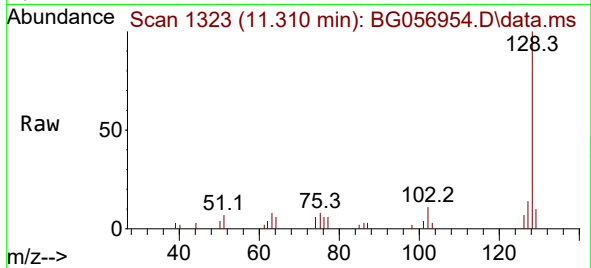




#31
Naphthalene
Concen: 3.691 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

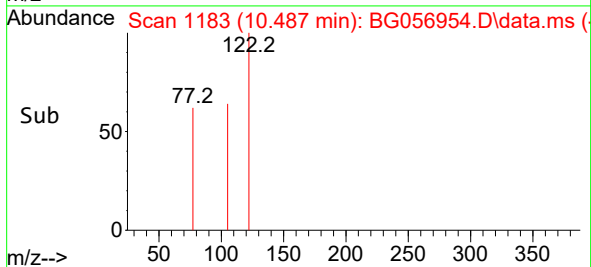
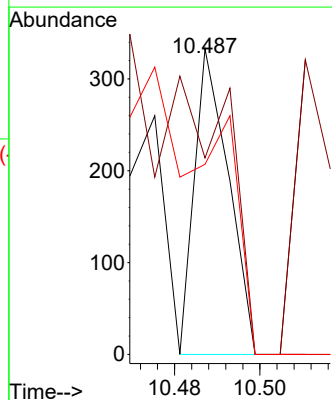
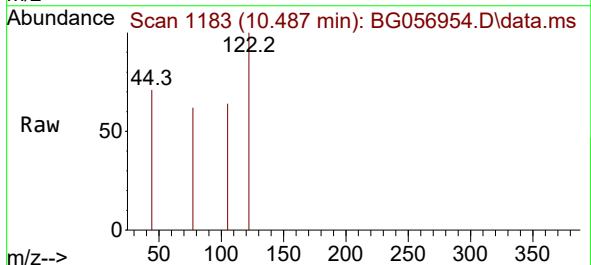
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

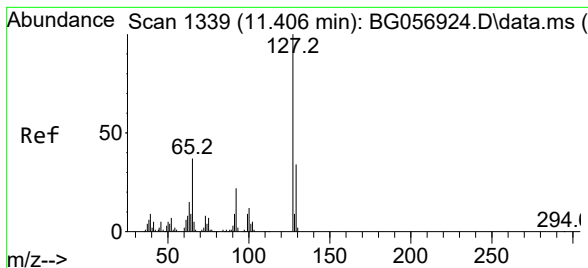
Tgt Ion:128 Resp: 13311
Ion Ratio Lower Upper
128 100
129 10.0 9.4 14.2
127 14.2 12.2 18.4



#32
Benzoic acid
Concen: 0.238 ng
RT: 10.487 min Scan# 1183
Delta R.T. -0.026 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:122 Resp: 184
Ion Ratio Lower Upper
122 100
105 64.3 105.4 145.4#
77 62.2 87.4 127.4#

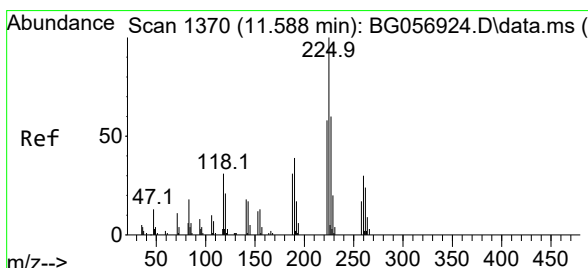
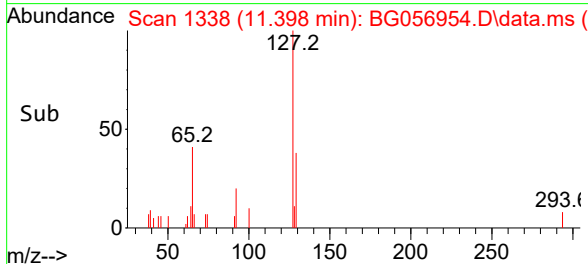
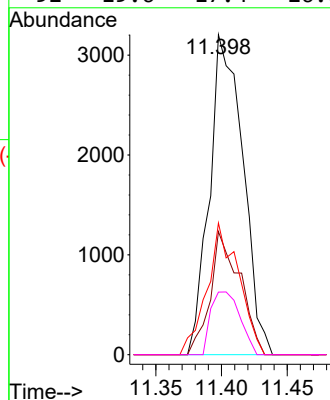
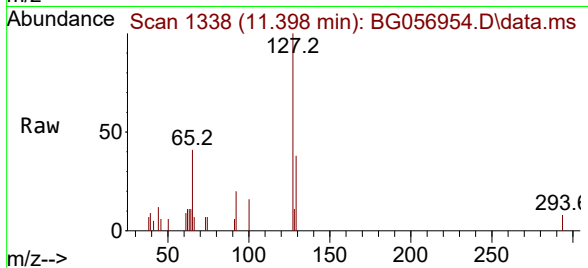




#33
4-Chloroaniline
Concen: 3.478 ng
RT: 11.398 min Scan# 1138
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

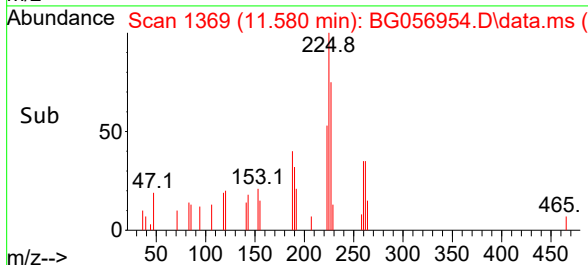
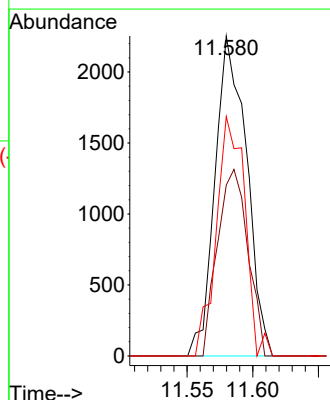
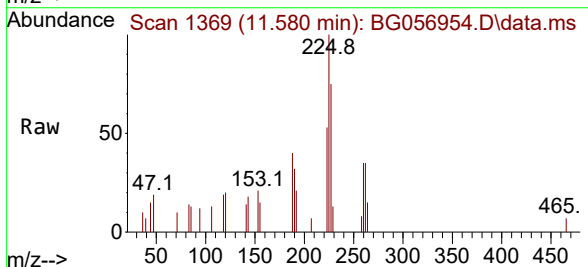
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

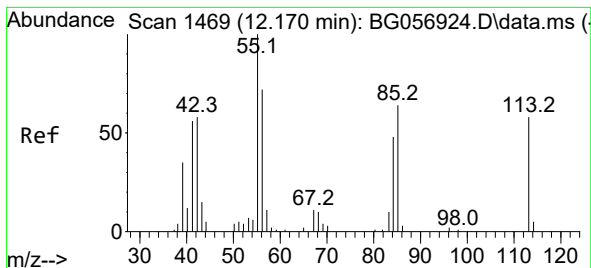
Tgt Ion:127	Resp:	5665
Ion Ratio	Lower	Upper
127	100	
129	38.4	27.6 41.4
65	41.2	29.8 44.8
92	19.6	17.4 26.0



#34
Hexachlorobutadiene
Concen: 3.880 ng
RT: 11.580 min Scan# 1369
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:225	Resp:	3752
Ion Ratio	Lower	Upper
225	100	
223	53.4	46.4 69.6
227	74.8	48.0 72.0#





#35

Caprolactam

Concen: 3.425 ng

RT: 12.132 min Scan# 1463

Delta R.T. -0.038 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

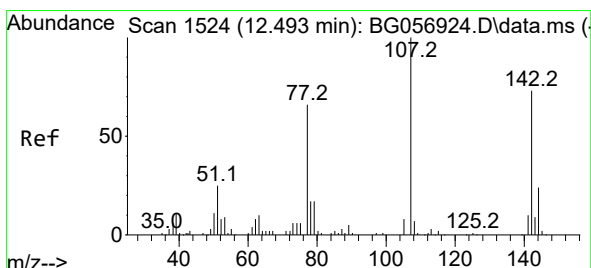
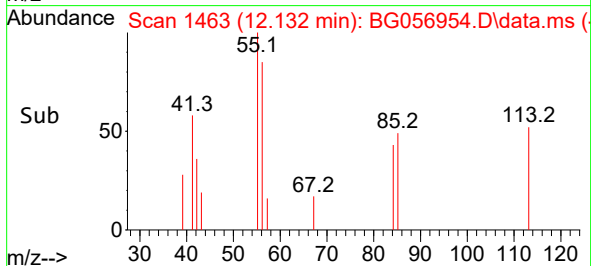
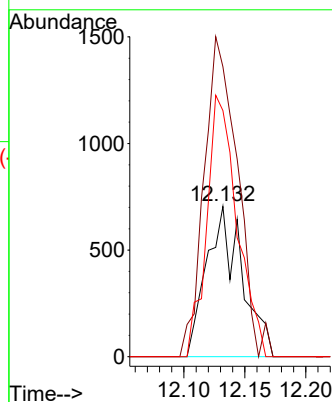
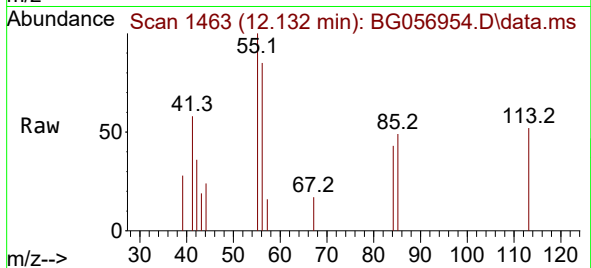
Tgt Ion:113 Resp: 1431

Ion Ratio Lower Upper

113 100

55 192.9 151.6 191.6#

56 163.7 103.7 143.7#



#36

4-Chloro-3-methylphenol

Concen: 3.219 ng

RT: 12.484 min Scan# 1523

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

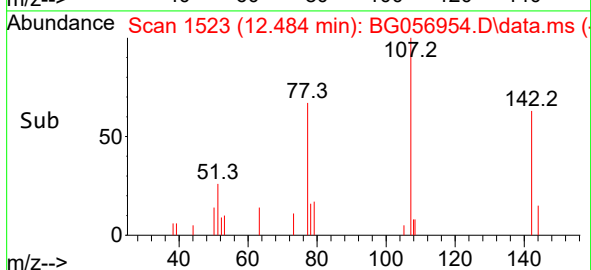
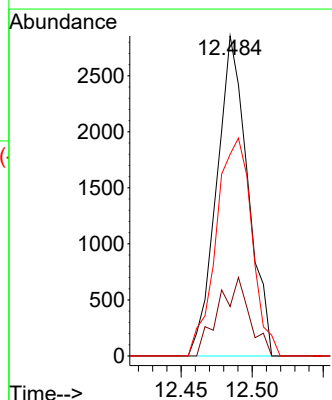
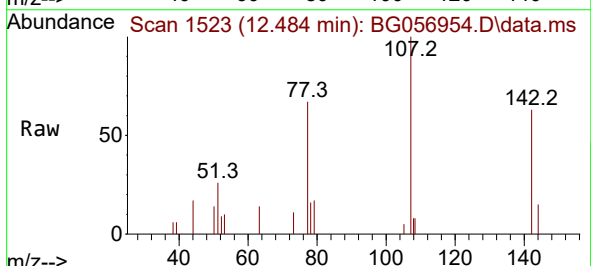
Tgt Ion:107 Resp: 4361

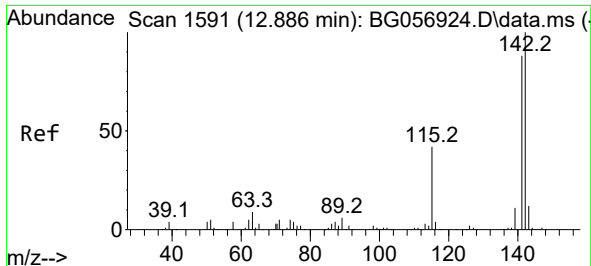
Ion Ratio Lower Upper

107 100

144 15.4 19.0 28.4#

142 63.0 58.6 88.0





#37

2-Methylnaphthalene

Concen: 3.443 ng

RT: 12.884 min Scan# 1591

Delta R.T. -0.002 min

Lab File: BG056954.D

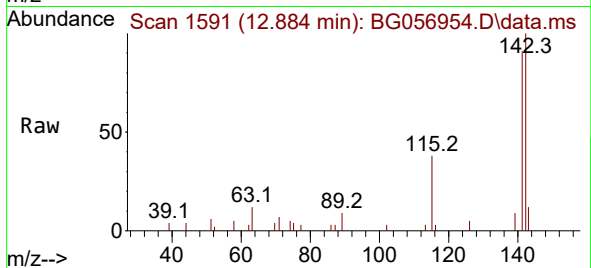
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



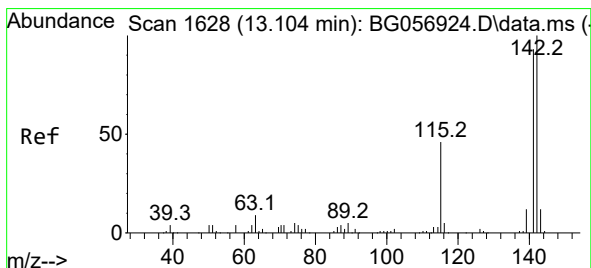
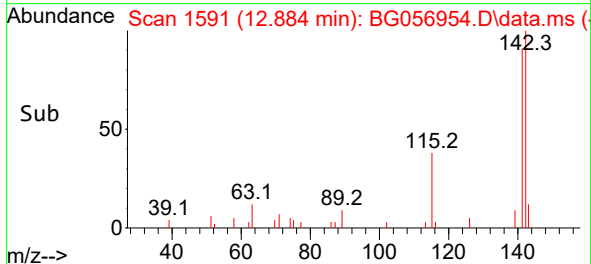
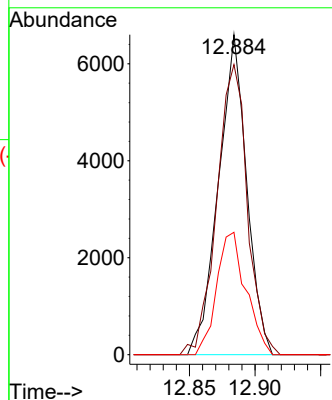
Tgt Ion:142 Resp: 9854

Ion Ratio Lower Upper

142 100

141 90.6 70.3 105.5

115 38.2 33.5 50.3



#38

1-Methylnaphthalene

Concen: 3.410 ng

RT: 13.101 min Scan# 1628

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

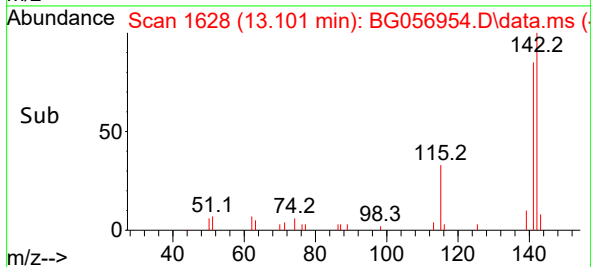
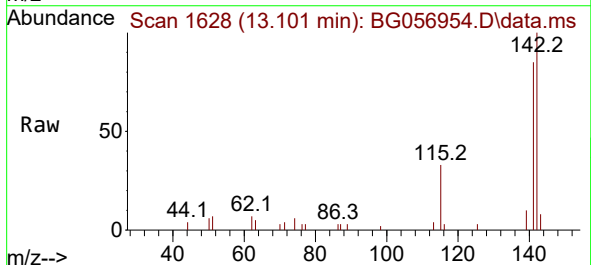
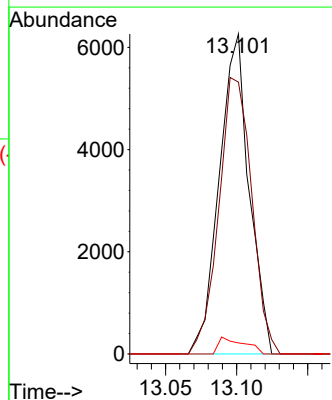
Tgt Ion:142 Resp: 9164

Ion Ratio Lower Upper

142 100

141 85.0 74.0 111.0

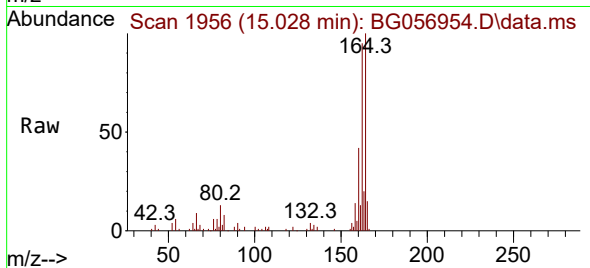
116 3.4 3.7 5.5#



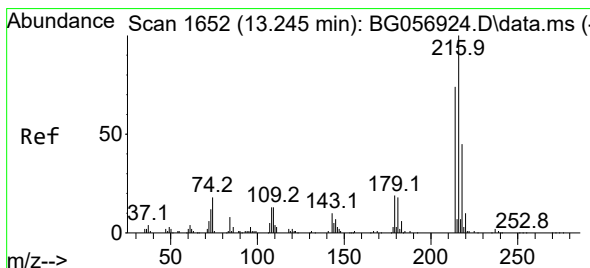
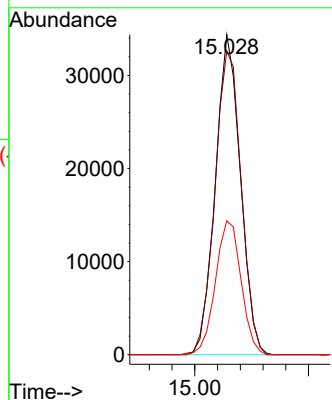
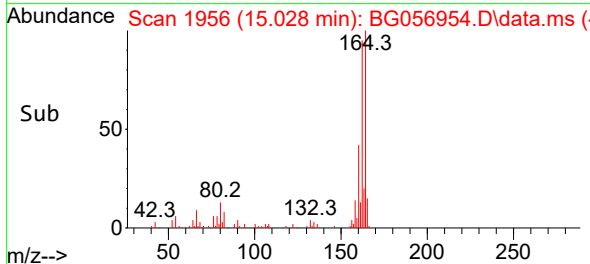


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

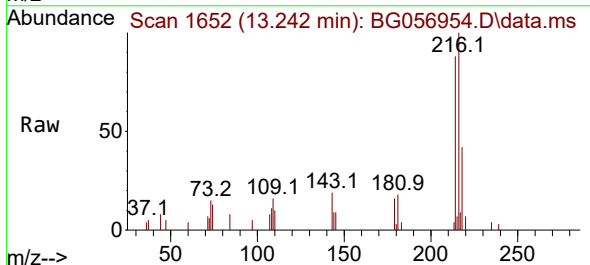
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



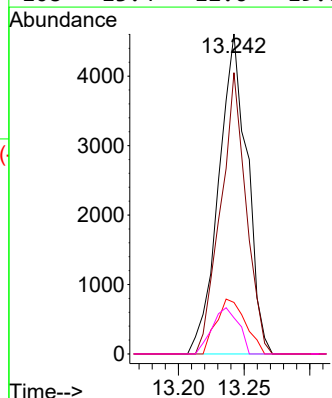
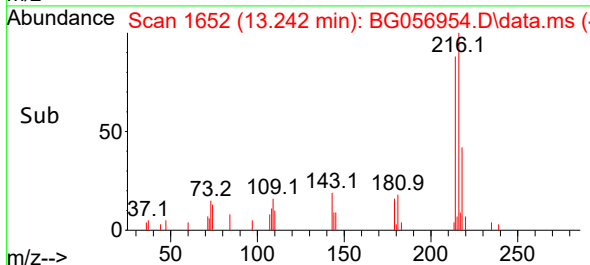
Tgt Ion:164 Resp: 52548
Ion Ratio Lower Upper
164 100
162 94.9 77.8 116.8
160 41.9 33.5 50.3

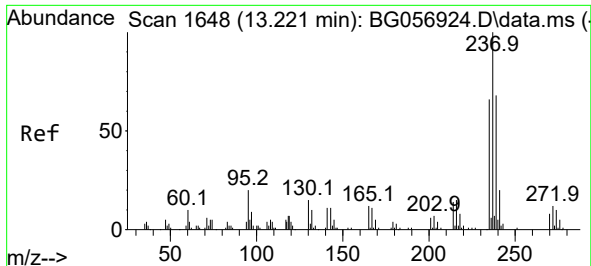


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.822 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



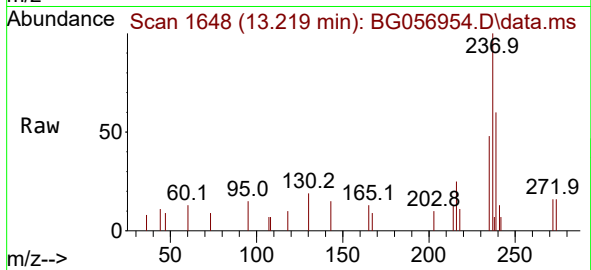
Tgt Ion:216 Resp: 6965
Ion Ratio Lower Upper
216 100
214 78.2 63.3 94.9
179 17.5 15.0 22.6
108 13.4 12.6 19.0



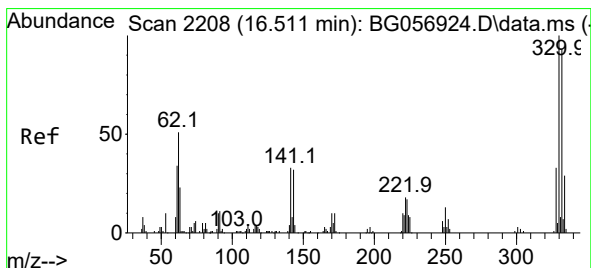
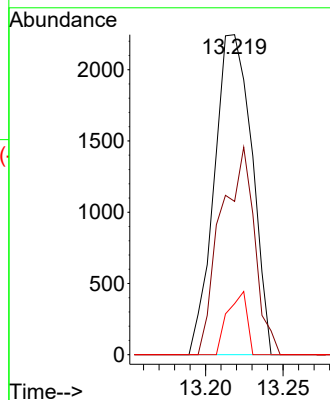
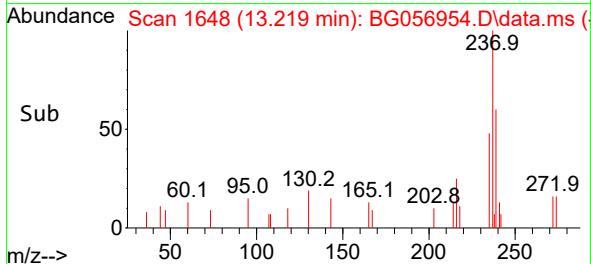


#41
Hexachlorocyclopentadiene
Concen: 3.764 ng
RT: 13.219 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

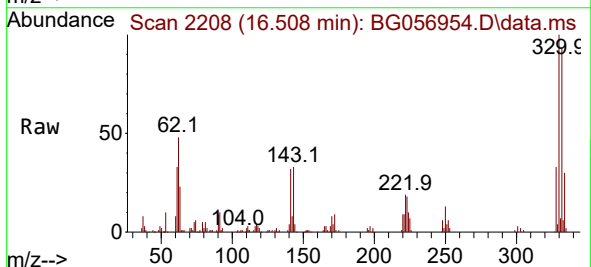
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



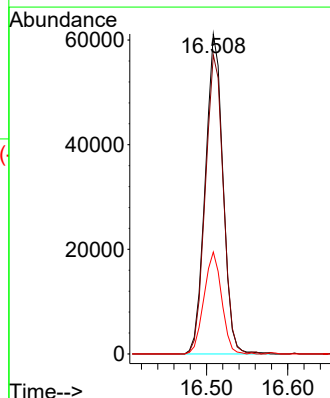
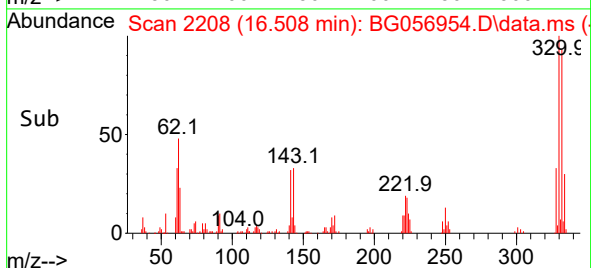
Tgt Ion:237 Resp: 3779
Ion Ratio Lower Upper
237 100
235 47.9 45.9 85.9
272 16.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 110.051 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



Tgt Ion:330 Resp: 92385
Ion Ratio Lower Upper
330 100
332 94.9 76.1 114.1
141 31.8 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 3.309 ng

RT: 13.465 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

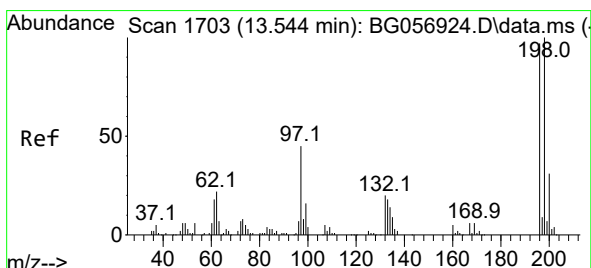
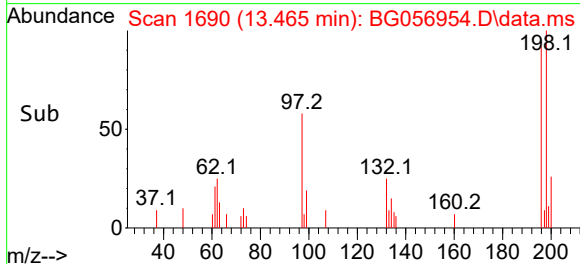
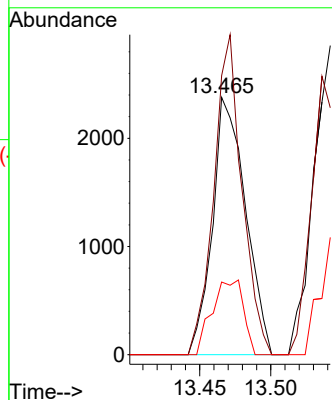
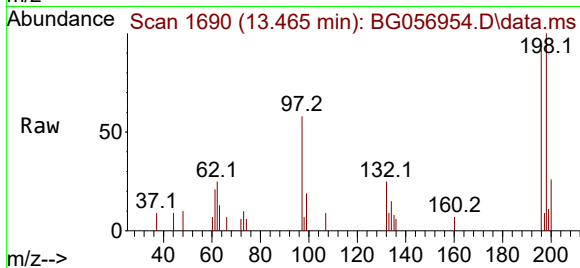
Tgt Ion:196 Resp: 3848

Ion Ratio Lower Upper

196 100

198 108.5 79.1 118.7

200 28.2 27.2 40.8



#44

2,4,5-Trichlorophenol

Concen: 3.141 ng

RT: 13.542 min Scan# 1703

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Tgt Ion:196 Resp: 4327

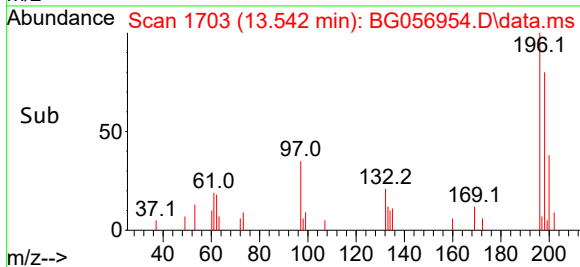
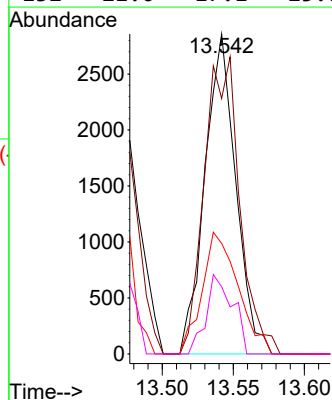
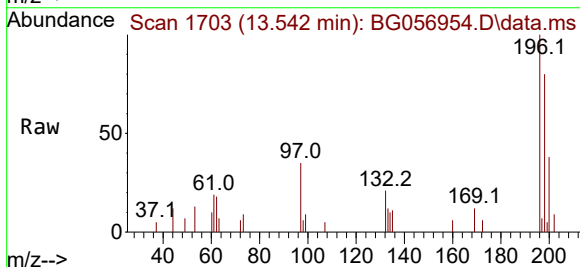
Ion Ratio Lower Upper

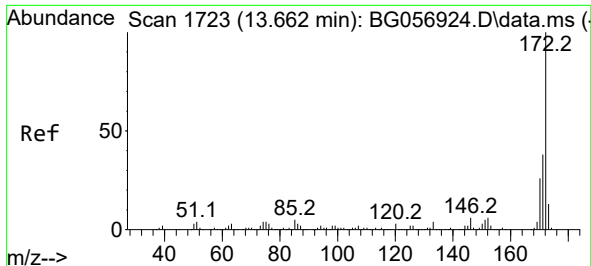
196 100

198 79.8 82.5 123.7#

97 34.5 37.0 55.6#

132 21.0 17.1 25.7

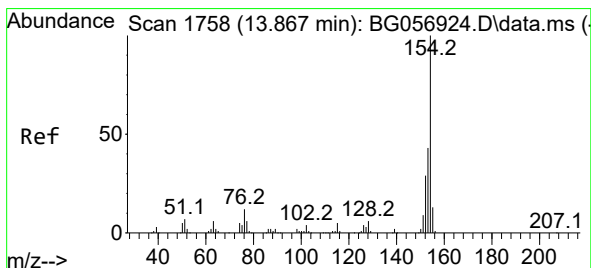
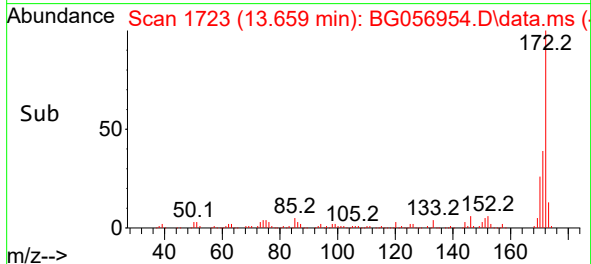
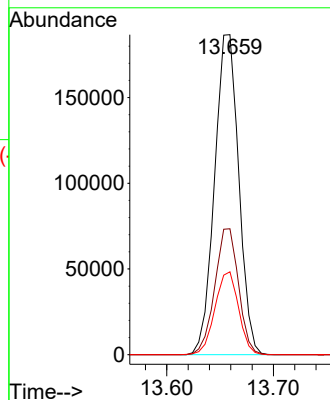
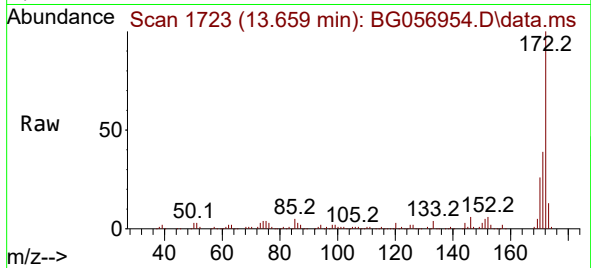




#45
2-Fluorobiphenyl
Concen: 75.895 ng
RT: 13.659 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

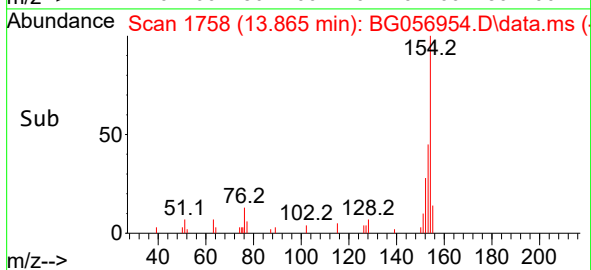
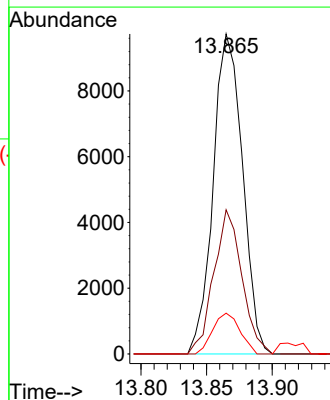
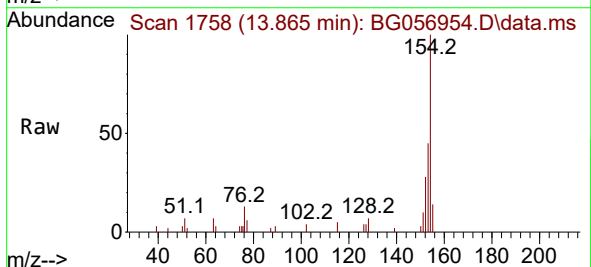
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:172 Resp: 294108
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.9 20.6 30.8



#46
1,1'-Biphenyl
Concen: 3.931 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:154 Resp: 15121
Ion Ratio Lower Upper
154 100
153 45.0 23.4 63.4
76 12.8 0.0 31.6

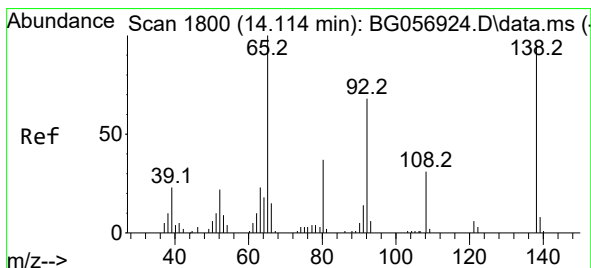
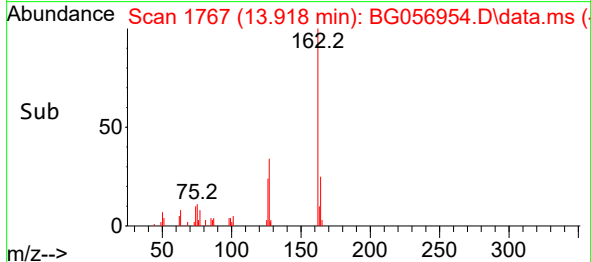
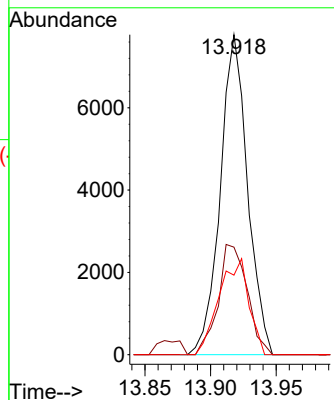
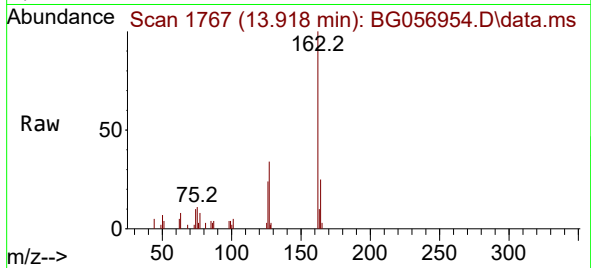




#47
2-Chloronaphthalene
Concen: 3.949 ng
RT: 13.918 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

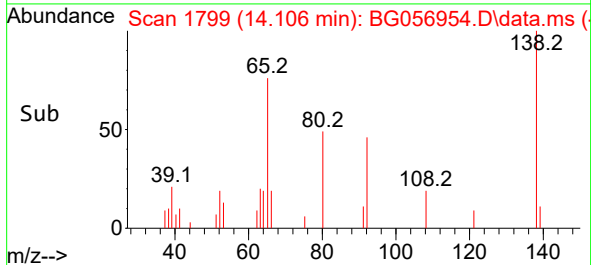
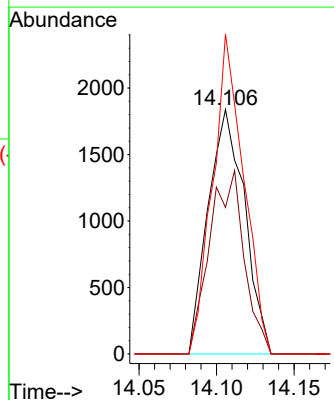
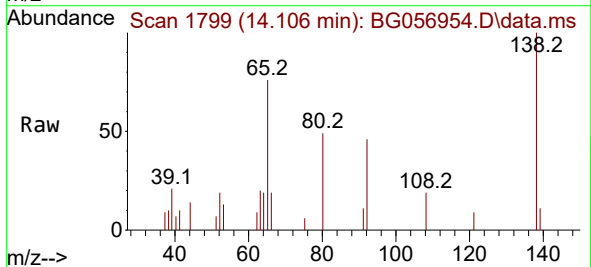
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023

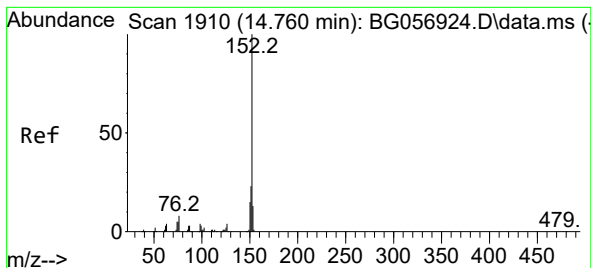
Tgt Ion:162 Resp: 11236
Ion Ratio Lower Upper
162 100
127 33.6 29.5 44.3
164 24.8 25.5 38.3#



#48
2-Nitroaniline
Concen: 2.948 ng
RT: 14.106 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 65 Resp: 2999
Ion Ratio Lower Upper
65 100
92 59.9 54.3 81.5
138 130.9 76.0 114.0#





#49

Acenaphthylene

Concen: 3.601 ng

RT: 14.758 min Scan# 1910

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

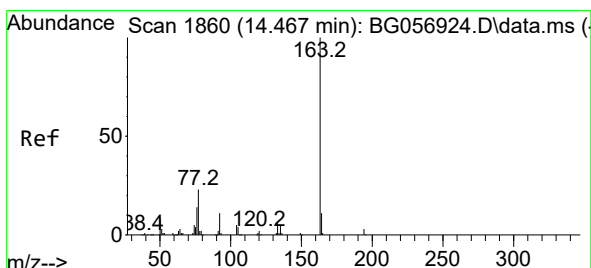
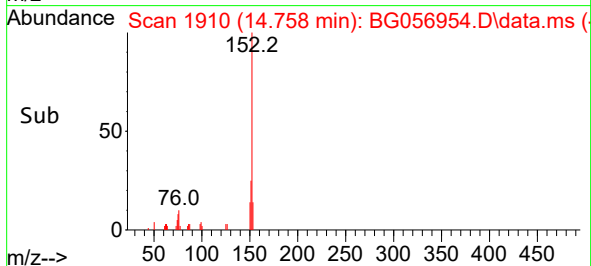
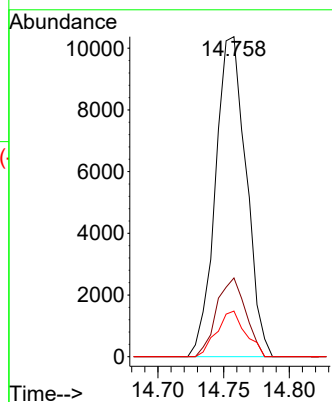
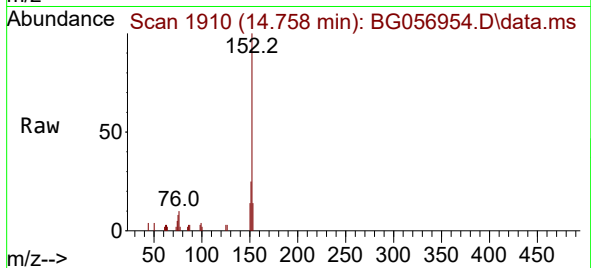
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:152	Resp:	16834
Ion Ratio	Lower	Upper
152	100	
151	24.6	18.2 27.2
153	14.2	10.5 15.7



#50

Dimethylphthalate

Concen: 3.524 ng

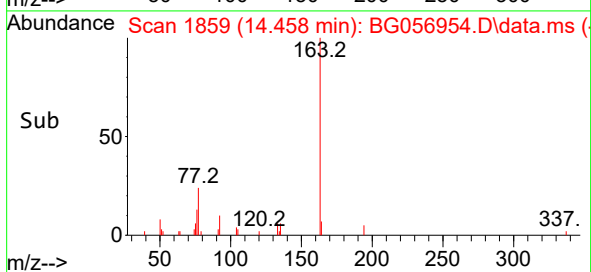
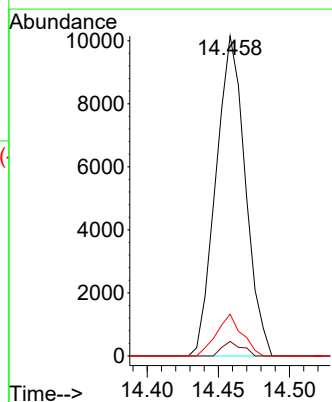
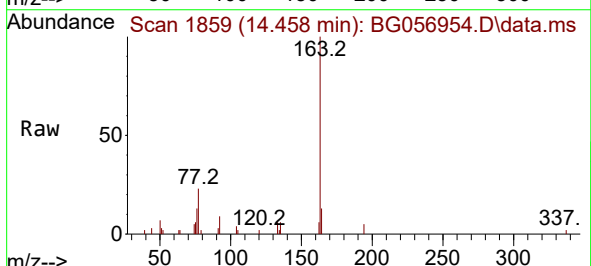
RT: 14.458 min Scan# 1859

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Tgt Ion:163	Resp:	14591
Ion Ratio	Lower	Upper
163	100	
194	4.5	2.8 4.2#
164	13.1	8.8 13.2

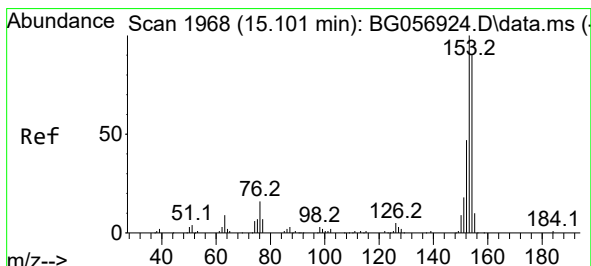
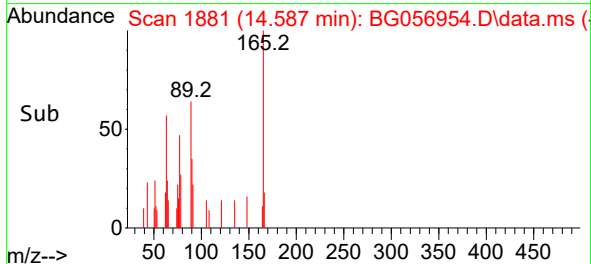
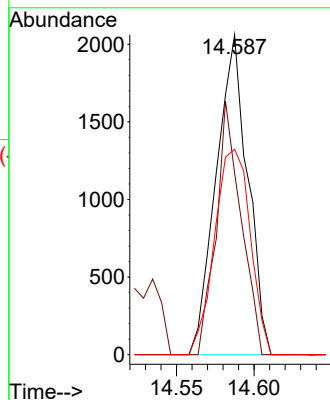
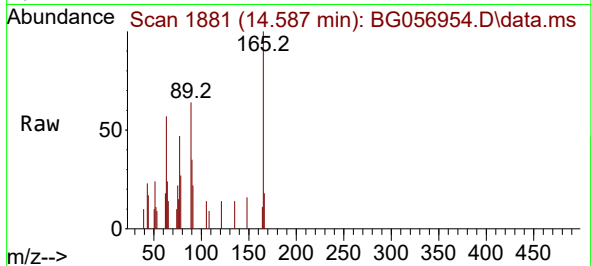




#51
2,6-Dinitrotoluene
Concen: 3.246 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

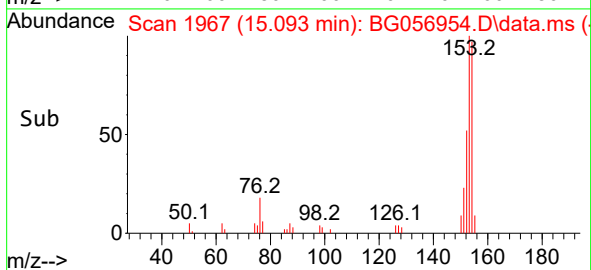
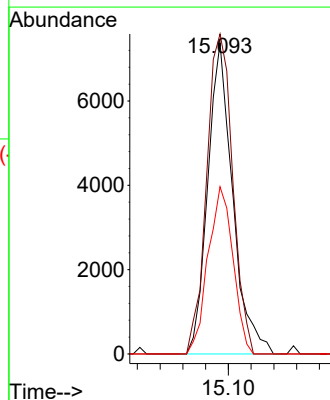
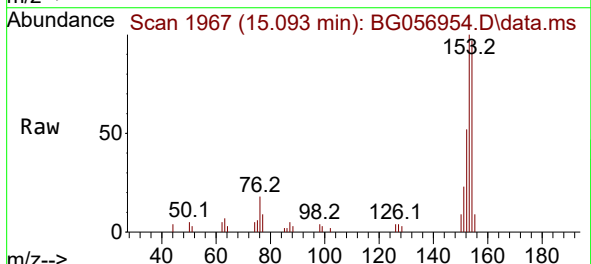
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

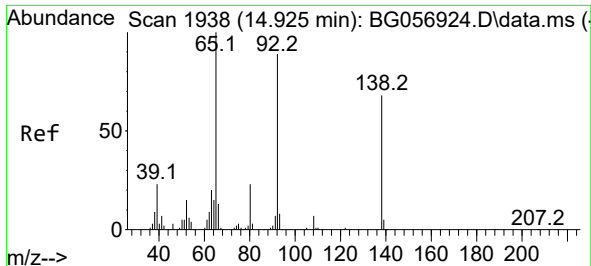
Tgt Ion:165 Resp: 2904
Ion Ratio Lower Upper
165 100
63 56.7 53.0 79.6
89 64.2 51.0 76.4



#52
Acenaphthene
Concen: 3.488 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:154 Resp: 11246
Ion Ratio Lower Upper
154 100
153 102.8 88.9 133.3
152 53.7 41.8 62.8

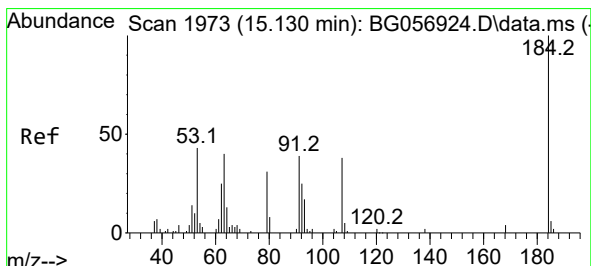
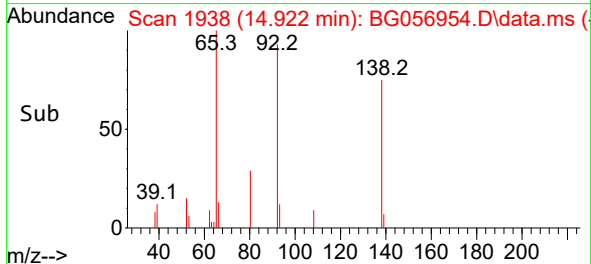
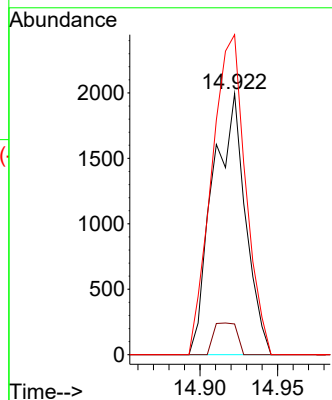
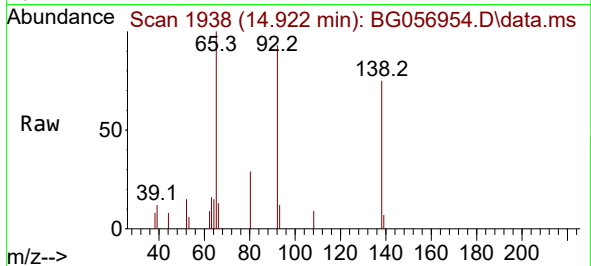




#53
3-Nitroaniline
Concen: 3.308 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

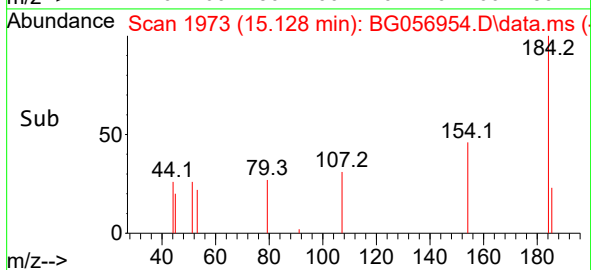
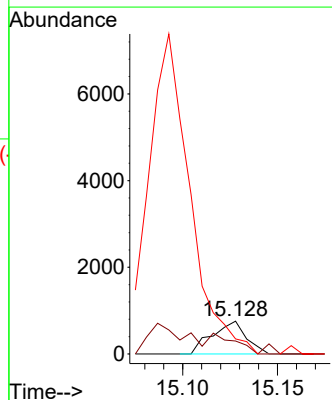
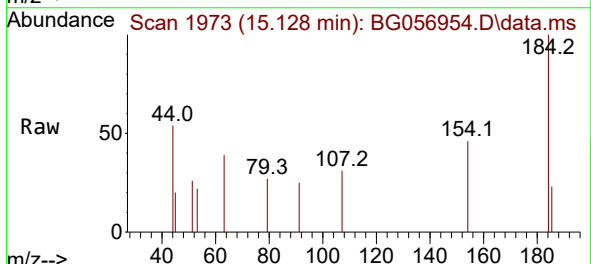
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:138 Resp: 2929
Ion Ratio Lower Upper
138 100
108 11.8 8.2 12.2
92 122.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 1.875 ng
RT: 15.128 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:184 Resp: 944
Ion Ratio Lower Upper
184 100
63 39.4 46.5 69.7#
154 45.8 53.5 80.3#

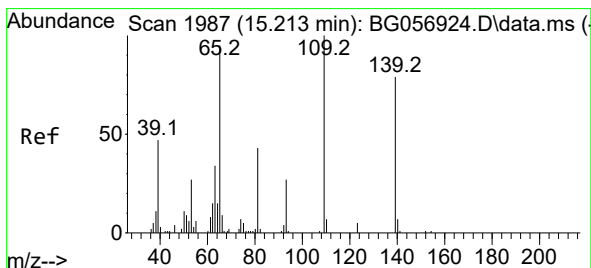
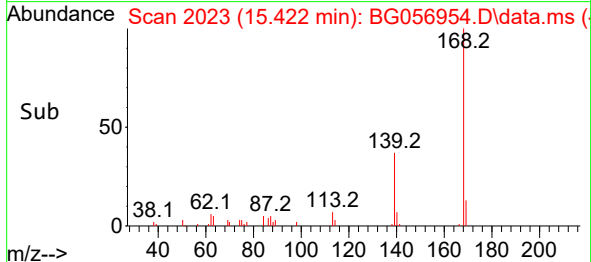
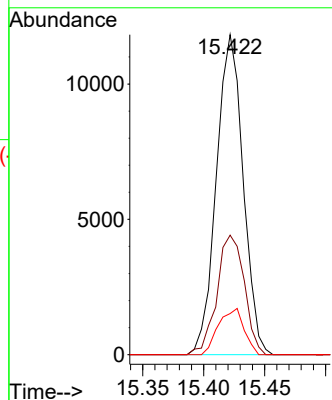
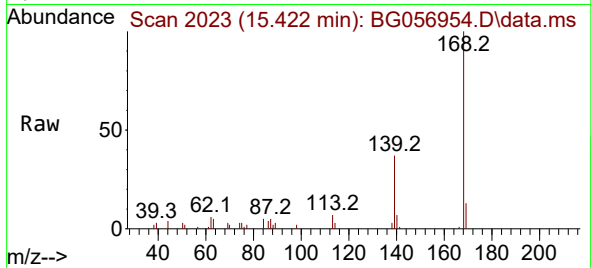




#55
Dibenzofuran
Concen: 3.732 ng
RT: 15.422 min Scan# 20
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

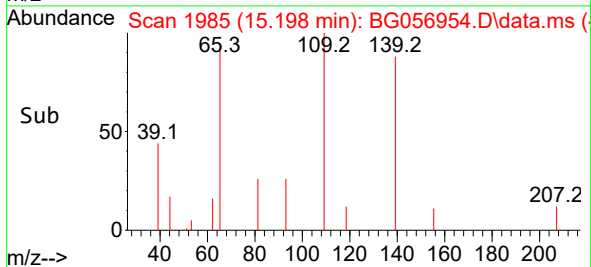
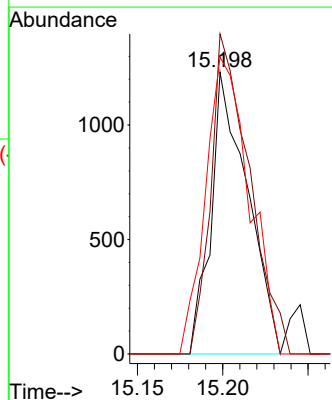
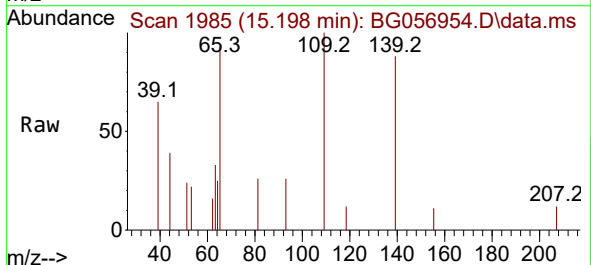
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

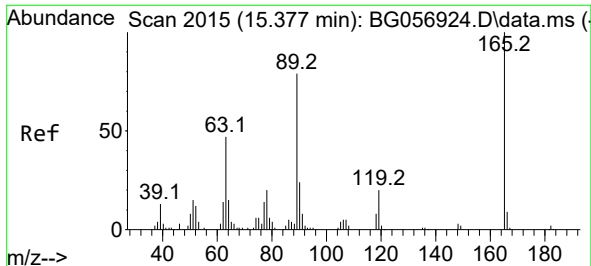
Tgt Ion:168 Resp: 18058
Ion Ratio Lower Upper
168 100
139 37.4 28.9 43.3
169 12.9 9.8 14.6



#56
4-Nitrophenol
Concen: 2.790 ng
RT: 15.198 min Scan# 1985
Delta R.T. -0.014 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:139 Resp: 1827
Ion Ratio Lower Upper
139 100
109 113.6 106.7 146.7
65 105.4 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 3.575 ng

RT: 15.369 min Scan# 2014

Delta R.T. -0.008 min

Lab File: BG056954.D

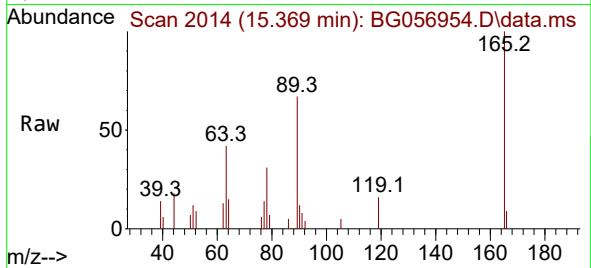
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:165 Resp: 4510

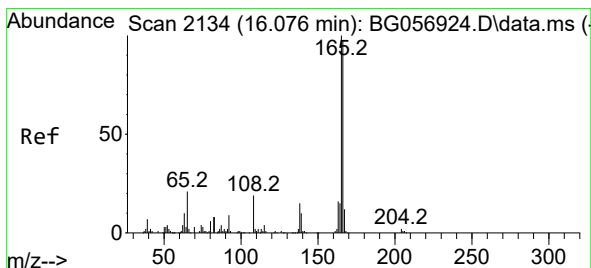
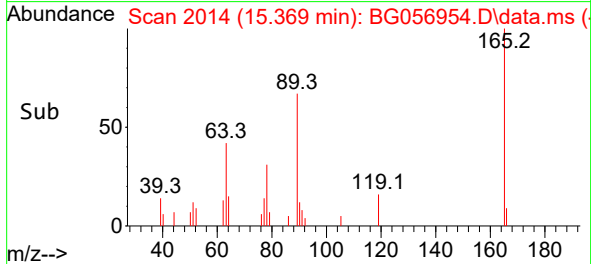
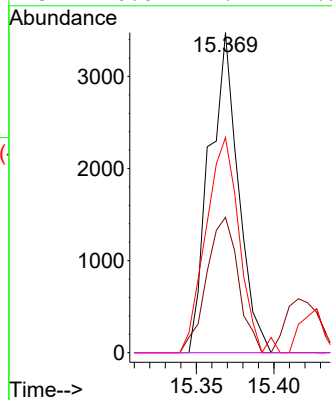
Ion Ratio Lower Upper

165 100

63 42.3 37.7 56.5

89 67.2 63.2 94.8

182 0.0 1.7 2.5#



#58

Fluorene

Concen: 3.742 ng

RT: 16.068 min Scan# 2133

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

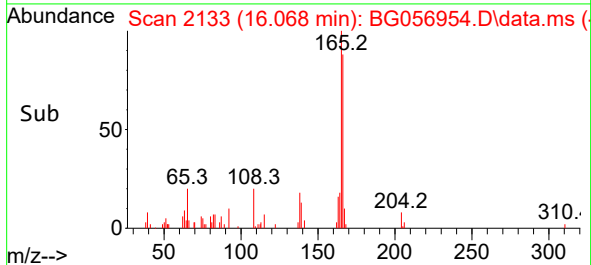
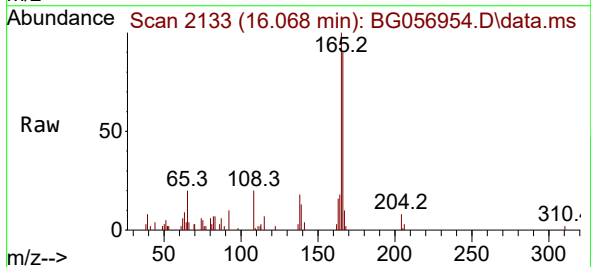
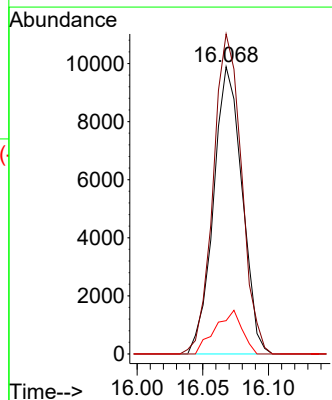
Tgt Ion:166 Resp: 14982

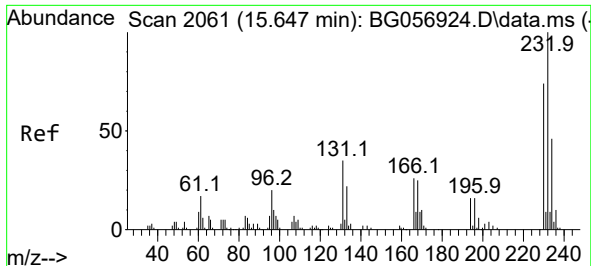
Ion Ratio Lower Upper

166 100

165 111.4 82.6 123.8

167 11.6 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.418 ng

RT: 15.639 min Scan# 2060

Delta R.T. -0.008 min

Lab File: BG056954.D

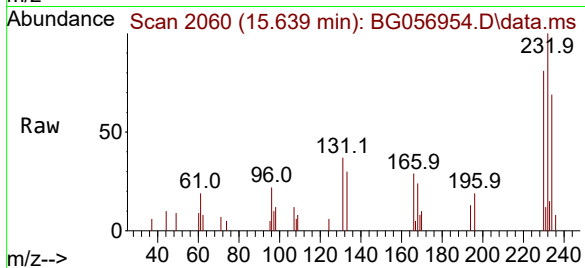
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:232 Resp: 4287

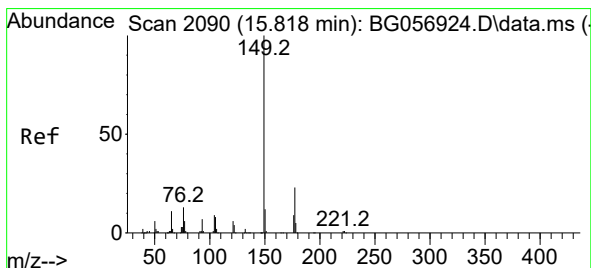
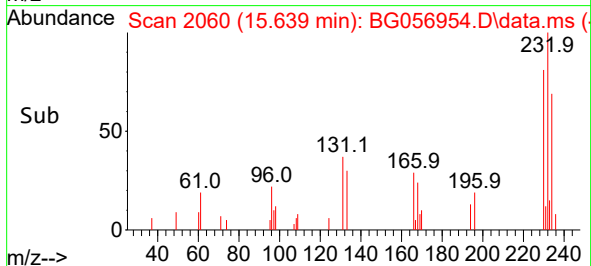
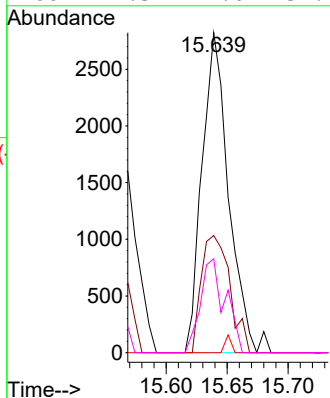
Ion Ratio Lower Upper

232 100

131 39.1 29.3 43.9

130 1.3 1.7 2.5#

166 27.3 21.0 31.6



#60

Diethylphthalate

Concen: 3.630 ng

RT: 15.809 min Scan# 2089

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

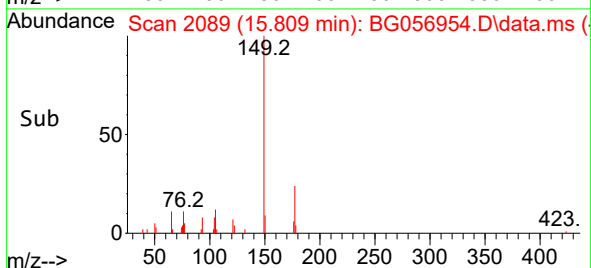
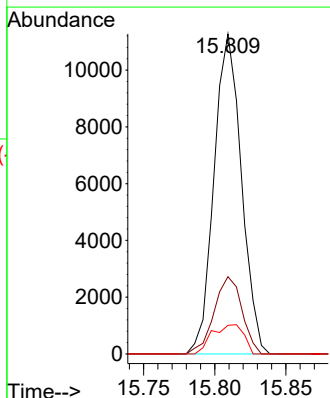
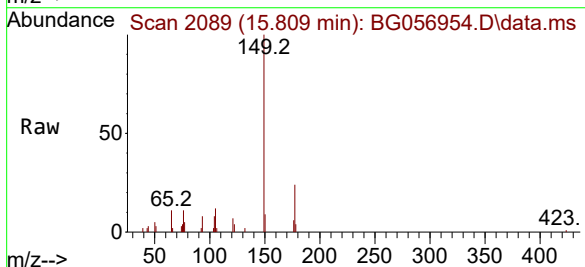
Tgt Ion:149 Resp: 15069

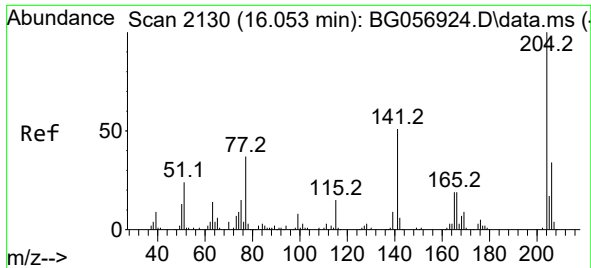
Ion Ratio Lower Upper

149 100

177 24.2 18.8 28.2

150 8.9 9.4 14.2#

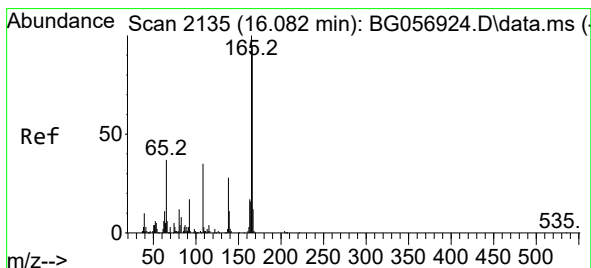
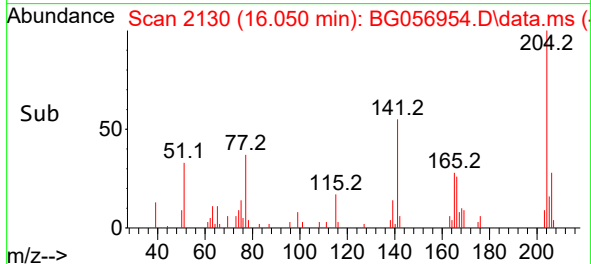
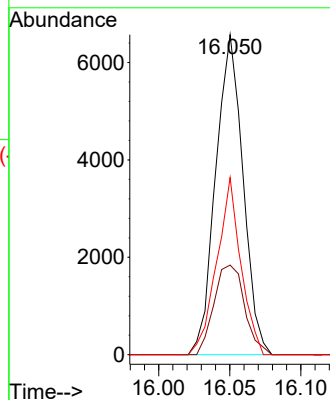
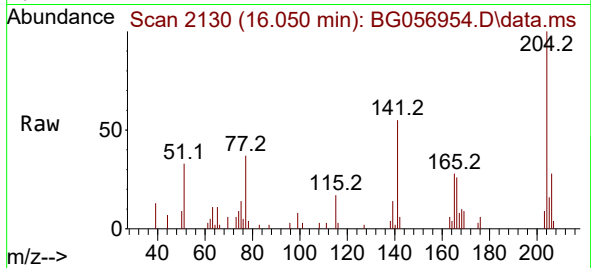




#61
4-Chlorophenyl-phenylether
Concen: 3.726 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

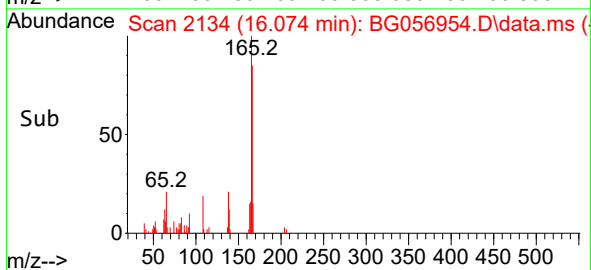
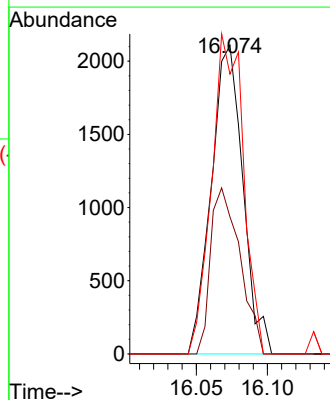
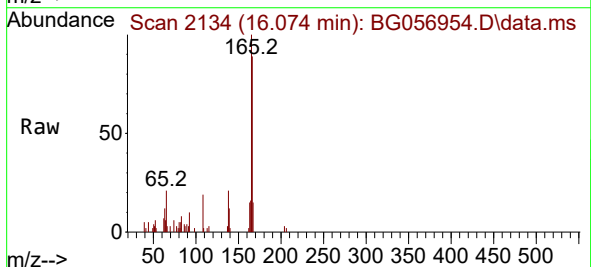
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

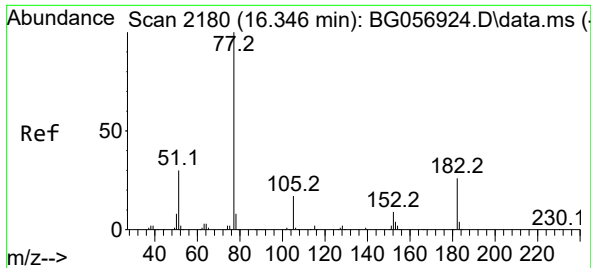
Tgt Ion:204 Resp: 8758
Ion Ratio Lower Upper
204 100
206 28.0 27.2 40.8
141 55.4 40.7 61.1



#62
4-Nitroaniline
Concen: 3.557 ng
RT: 16.074 min Scan# 2134
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:138 Resp: 3263
Ion Ratio Lower Upper
138 100
92 44.4 40.9 80.9
108 90.7 104.3 144.3#

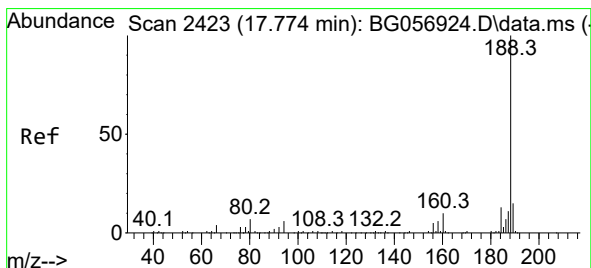
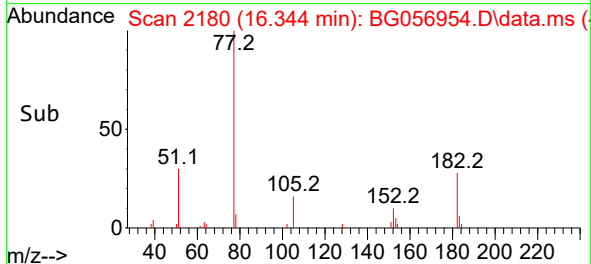
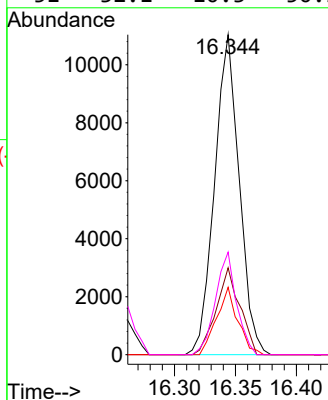
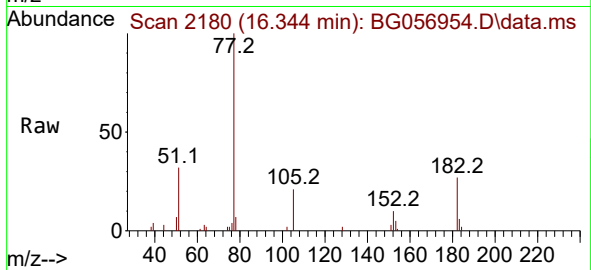




#63
Azobenzene
Concen: 3.752 ng
RT: 16.344 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

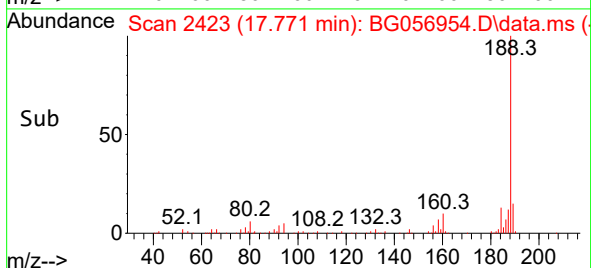
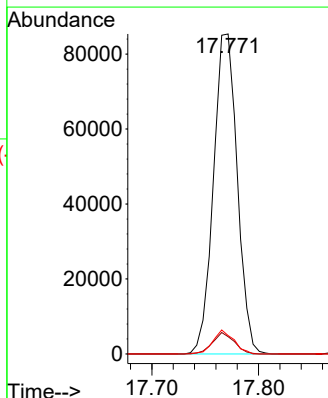
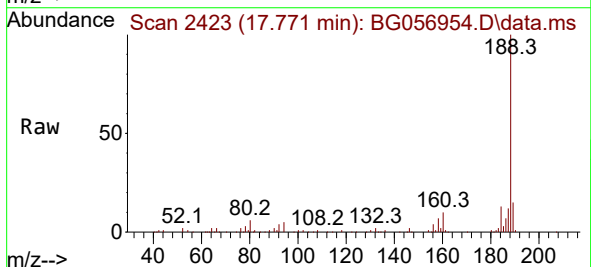
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023

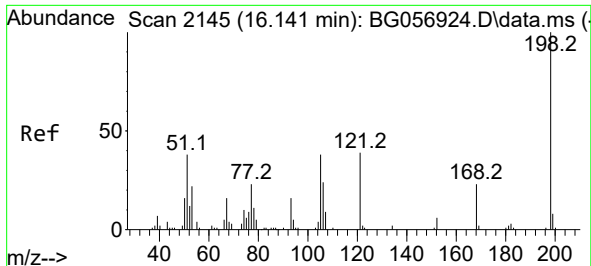
Tgt Ion: 77	Resp: 15520
Ion Ratio	Lower Upper
77 100	
182 27.2	5.9 45.9
105 21.1	0.0 36.8
51 32.1	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 188	Resp: 132226
Ion Ratio	Lower Upper
188 100	
94 5.4	4.6 6.8
80 5.7	5.5 8.3

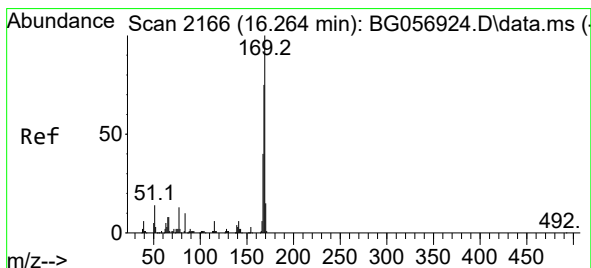
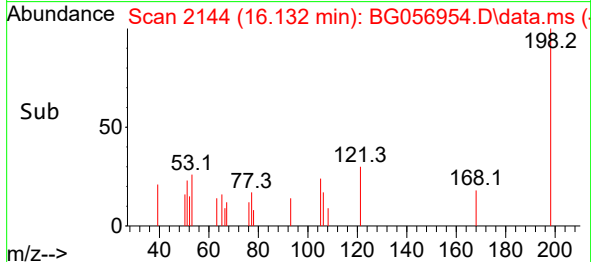
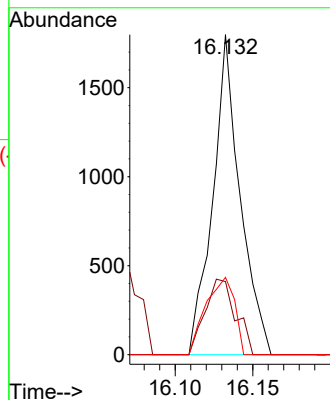
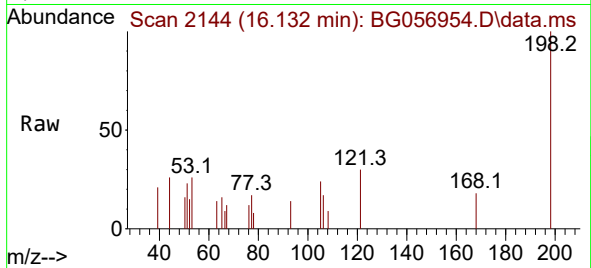




#65
4,6-Dinitro-2-methylphenol
Concen: 2.745 ng
RT: 16.132 min Scan# 2145
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

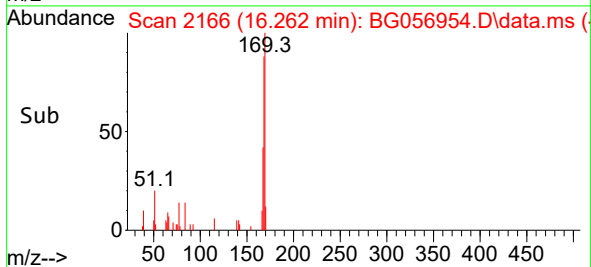
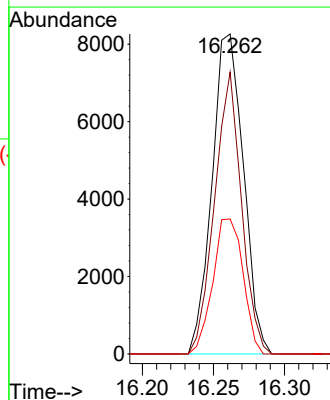
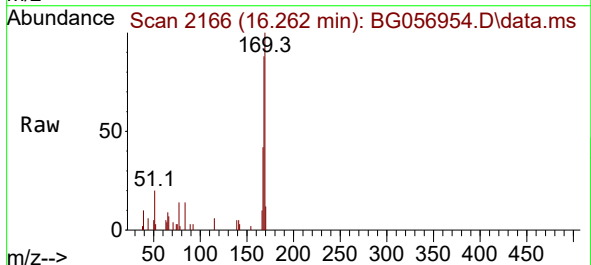
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

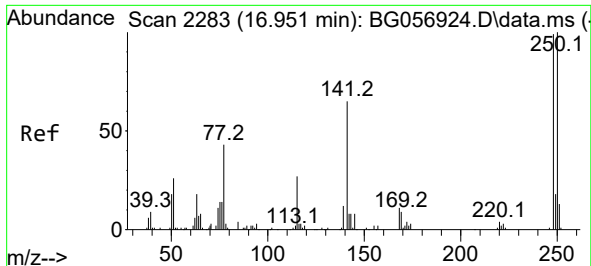
Tgt Ion:198 Resp: 2198
Ion Ratio Lower Upper
198 100
51 22.9 20.5 60.5
105 24.1 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 3.574 ng
RT: 16.262 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:169 Resp: 12686
Ion Ratio Lower Upper
169 100
168 88.1 59.6 89.4
167 42.2 31.8 47.8





#67

4-Bromophenyl-phenylether

Concen: 3.774 ng

RT: 16.943 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

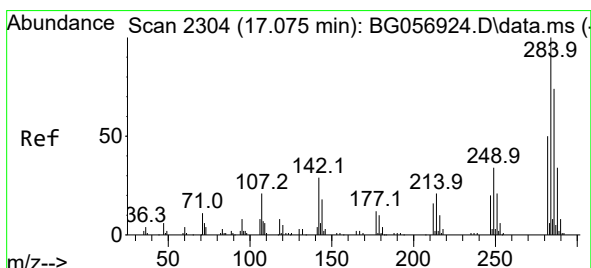
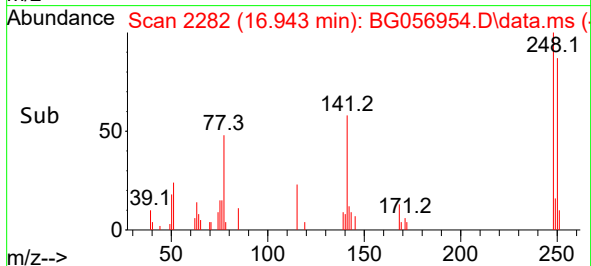
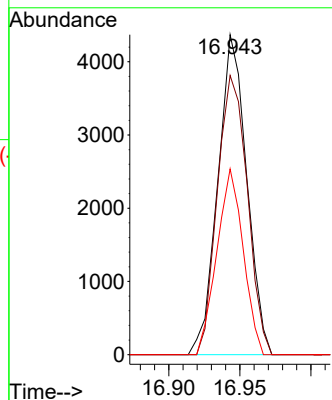
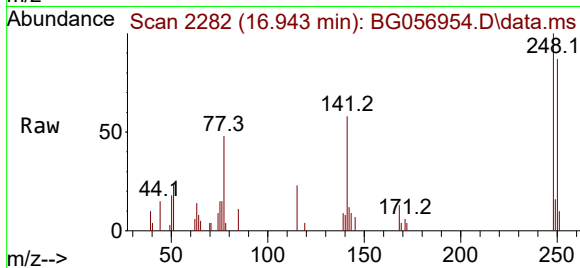
Tgt Ion:248 Resp: 6175

Ion Ratio Lower Upper

248 100

250 87.3 80.5 120.7

141 58.0 52.0 78.0



#68

Hexachlorobenzene

Concen: 3.904 ng

RT: 17.072 min Scan# 2304

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

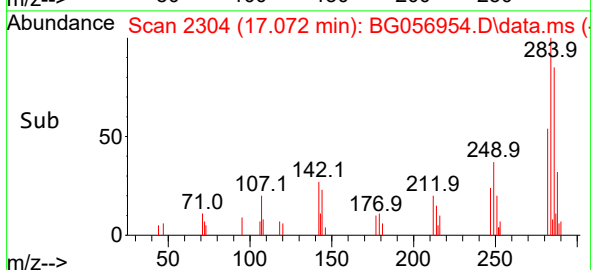
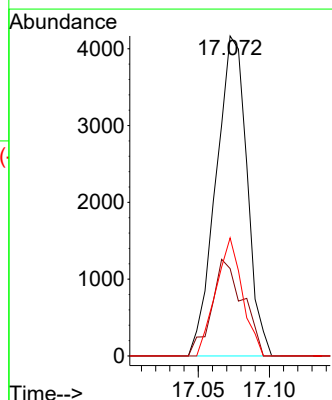
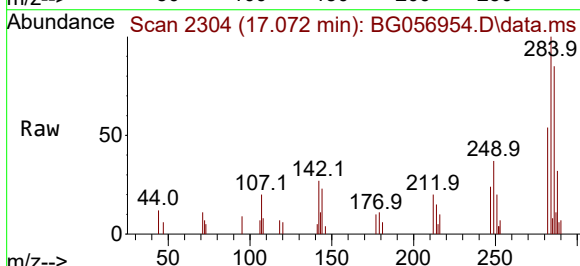
Tgt Ion:284 Resp: 6315

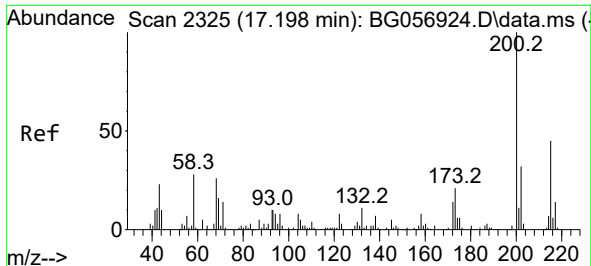
Ion Ratio Lower Upper

284 100

142 27.3 23.0 34.4

249 36.9 27.1 40.7

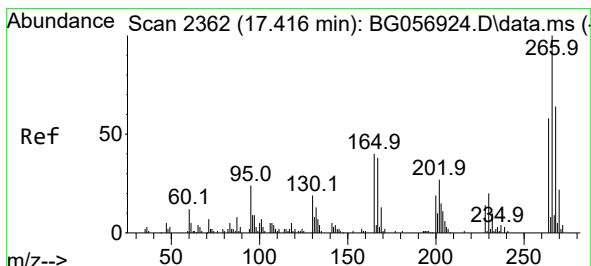
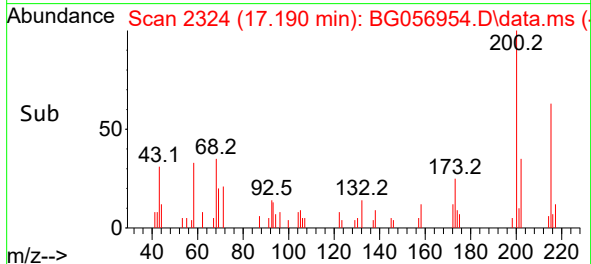
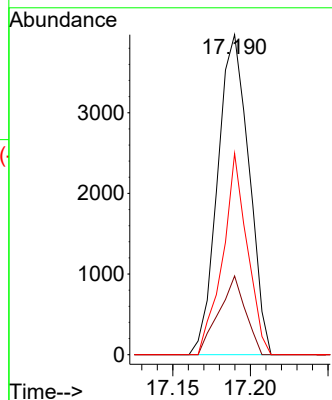
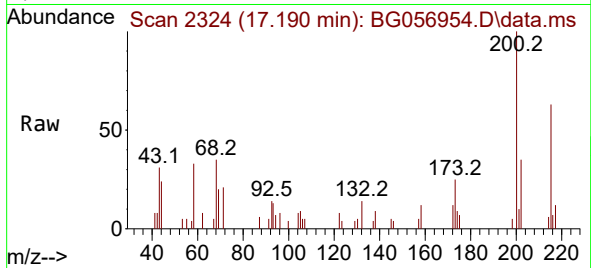




#69
 Atrazine
 Concen: 3.774 ng
 RT: 17.190 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27

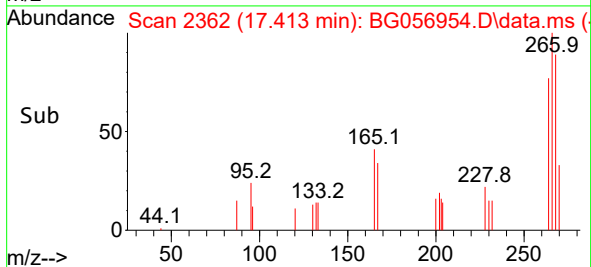
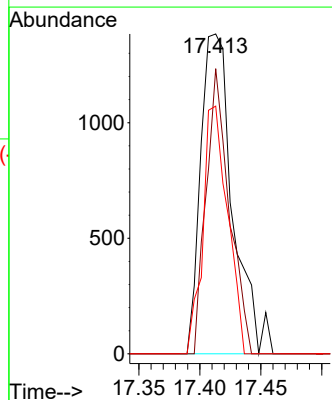
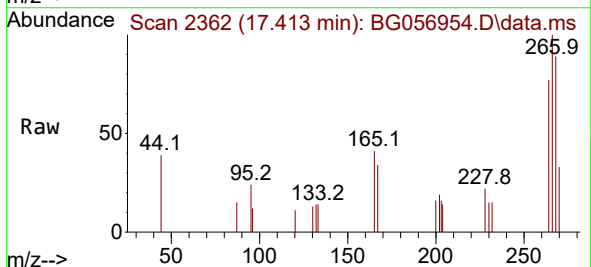
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023

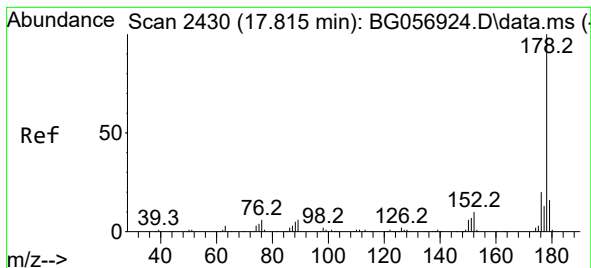
Tgt Ion:200 Resp: 5560
 Ion Ratio Lower Upper
 200 100
 173 24.6 1.0 41.0
 215 62.9 25.0 65.0



#70
 Pentachlorophenol
 Concen: 2.192 ng
 RT: 17.413 min Scan# 2362
 Delta R.T. -0.002 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27

Tgt Ion:266 Resp: 2544
 Ion Ratio Lower Upper
 266 100
 268 89.2 51.0 76.6#
 264 77.5 46.8 70.2#





#71

Phenanthrene

Concen: 3.813 ng

RT: 17.813 min Scan# 2430

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

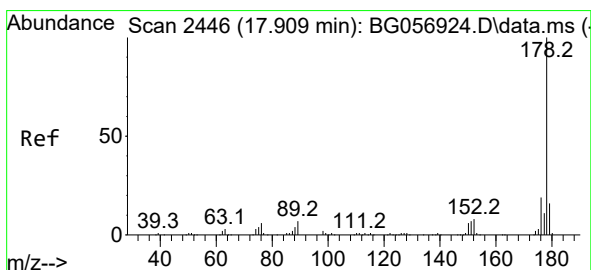
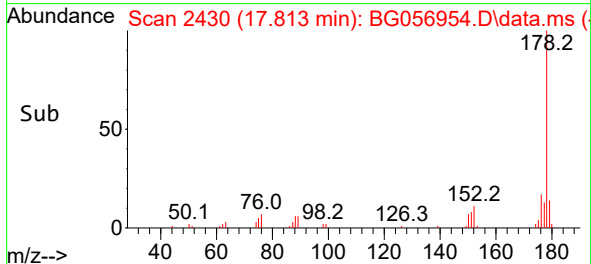
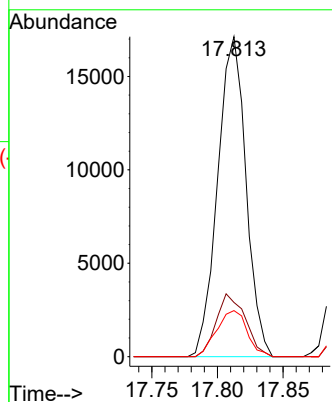
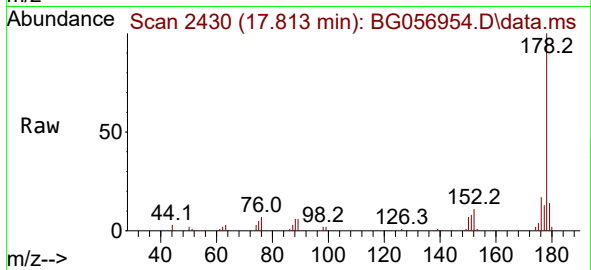
Tgt Ion:178 Resp: 25704

Ion Ratio Lower Upper

178 100

176 16.9 16.2 24.2

179 14.4 12.5 18.7



#72

Anthracene

Concen: 3.632 ng

RT: 17.901 min Scan# 2445

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

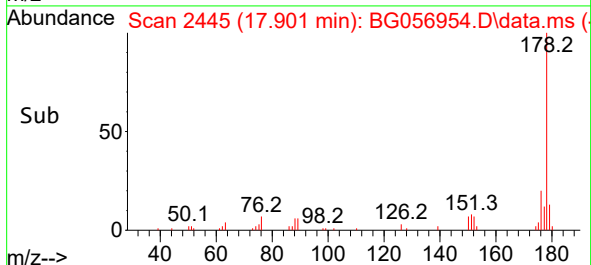
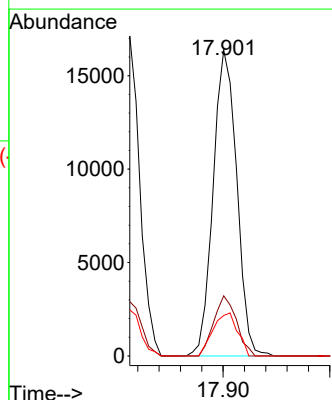
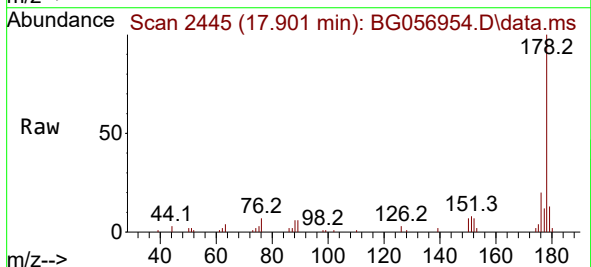
Tgt Ion:178 Resp: 25098

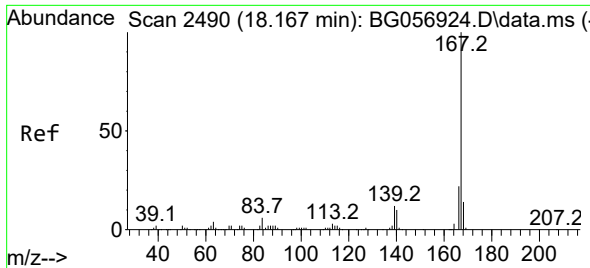
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 13.2 12.4 18.6

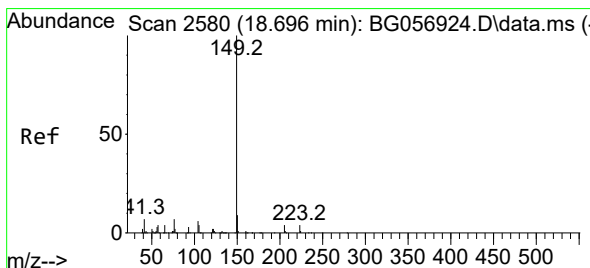
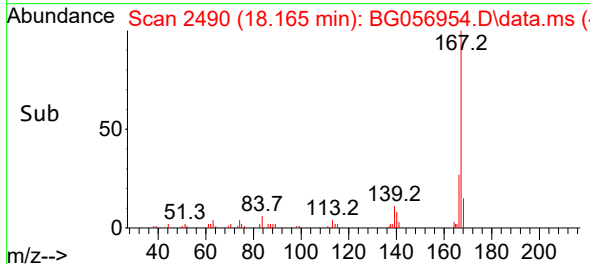
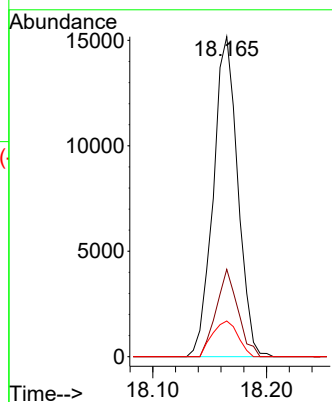
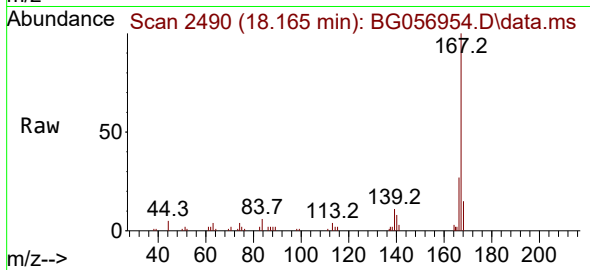




#73
 Carbazole
 Concen: 3.769 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.002 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27

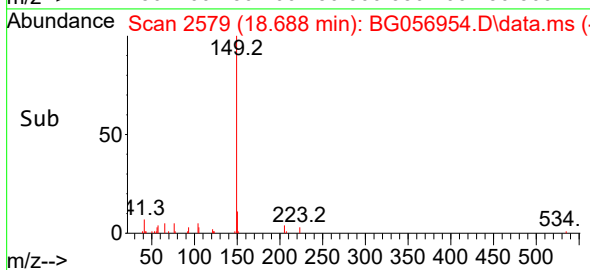
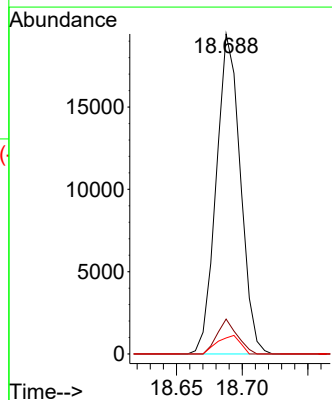
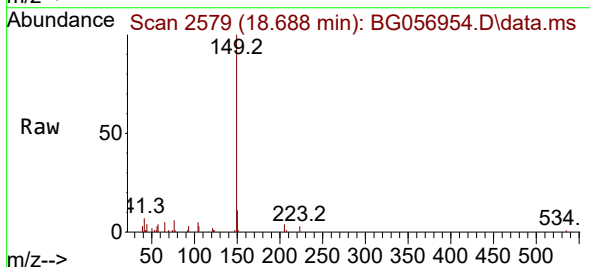
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023

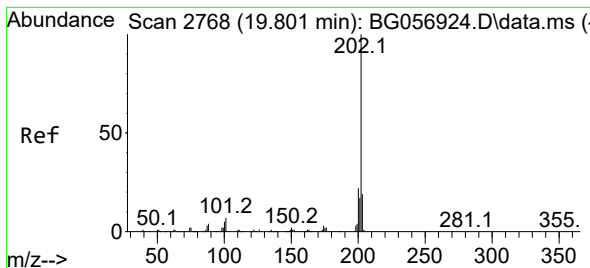
Tgt Ion:167 Resp: 22709
 Ion Ratio Lower Upper
 167 100
 166 27.3 17.9 26.9#
 139 11.1 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 3.559 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.008 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27

Tgt Ion:149 Resp: 24834
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.4 11.0
 104 5.0 4.9 7.3





#75

Fluoranthene

Concen: 3.746 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

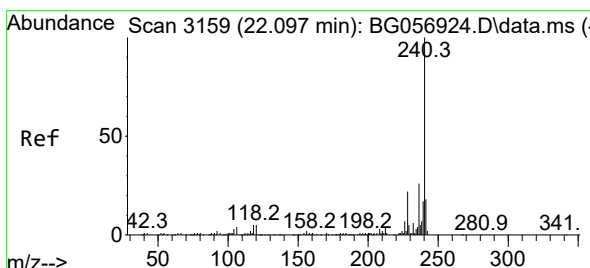
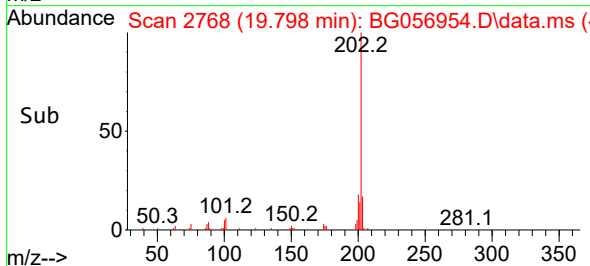
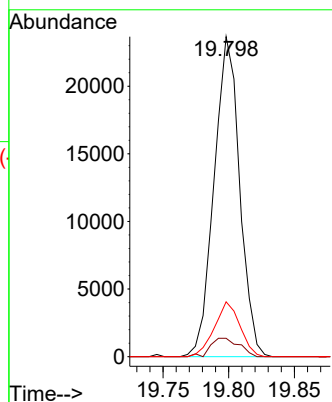
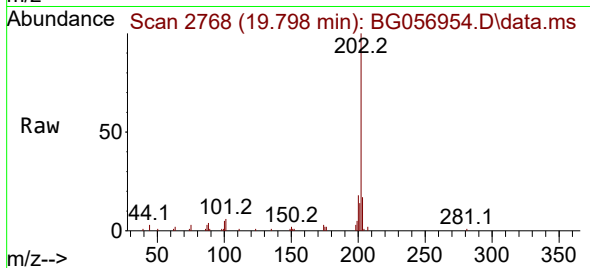
Tgt Ion:202 Resp: 32013

Ion Ratio Lower Upper

202 100

101 5.8 0.0 26.7

203 17.1 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.095 min Scan# 3159

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

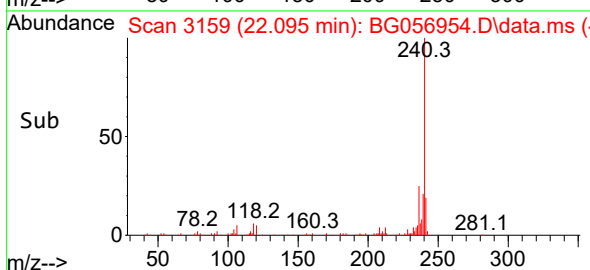
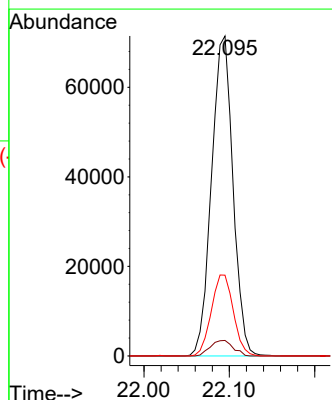
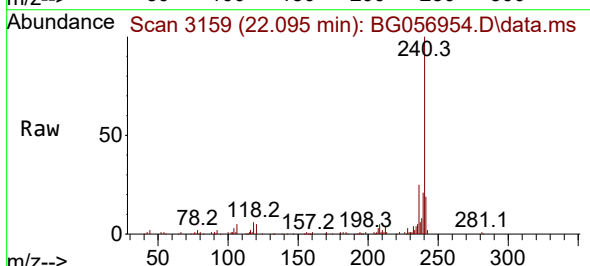
Tgt Ion:240 Resp: 124784

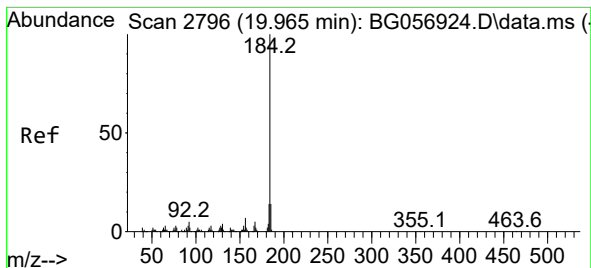
Ion Ratio Lower Upper

240 100

120 4.8 3.8 5.6

236 25.3 21.0 31.6





#77

Benzidine

Concen: 2.925 ng

RT: 20.338 min Scan# 21

Delta R.T. 0.373 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

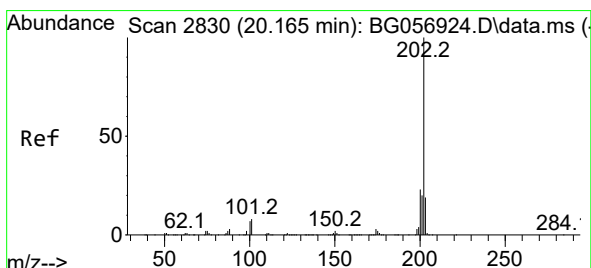
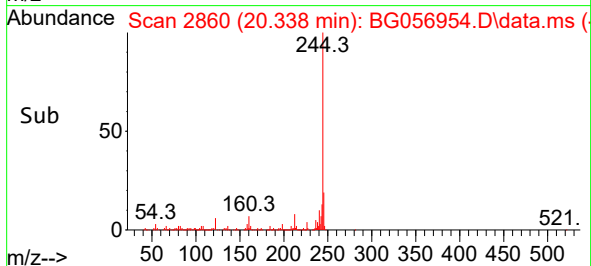
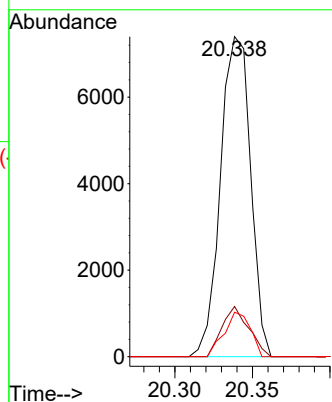
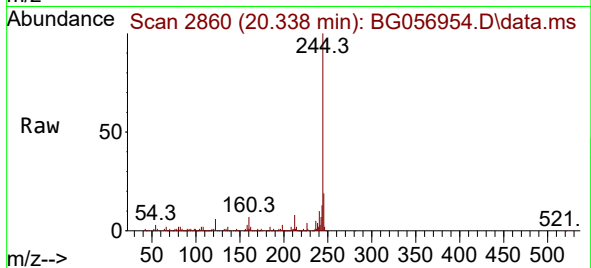
Tgt Ion:184 Resp: 9977

Ion Ratio Lower Upper

184 100

185 15.7 11.0 16.4

183 13.9 11.4 17.0



#78

Pyrene

Concen: 3.632 ng

RT: 20.156 min Scan# 2829

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

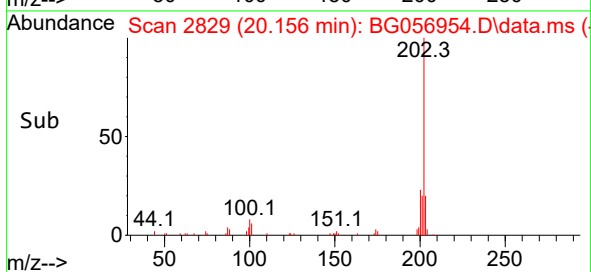
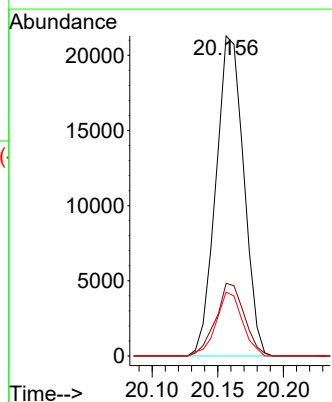
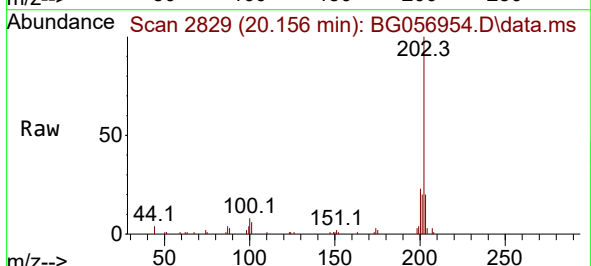
Tgt Ion:202 Resp: 31348

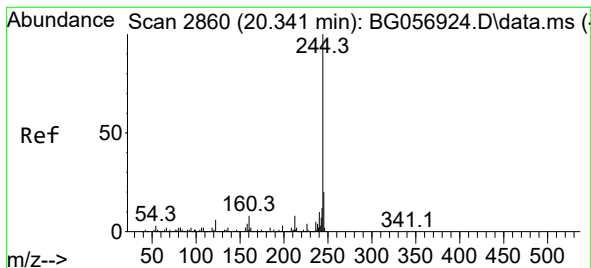
Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

203 20.0 15.4 23.2





#79

Terphenyl-d14

Concen: 79.185 ng

RT: 20.338 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

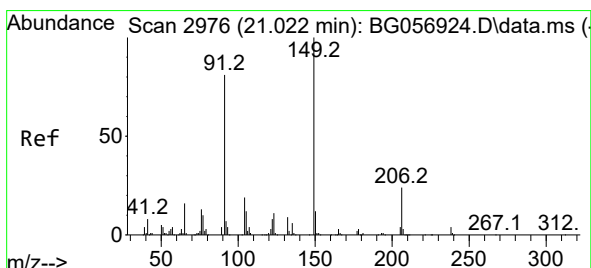
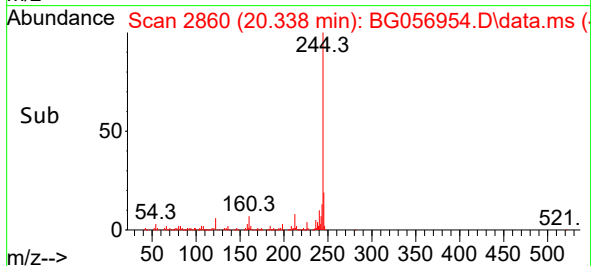
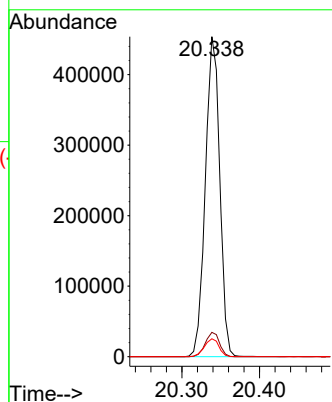
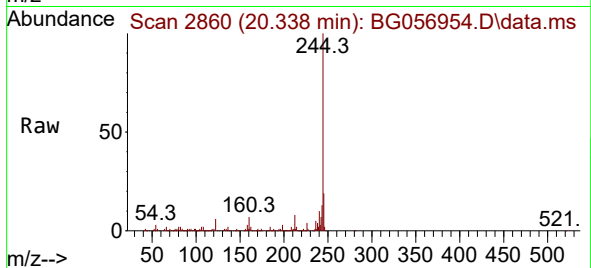
Tgt Ion:244 Resp: 583931

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 5.6 5.0 7.4



#80

Butylbenzylphthalate

Concen: 3.548 ng

RT: 21.020 min Scan# 2976

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

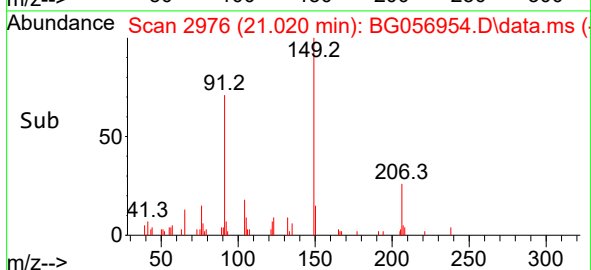
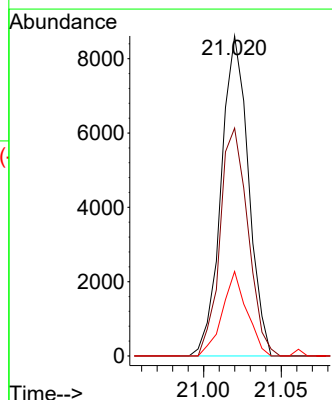
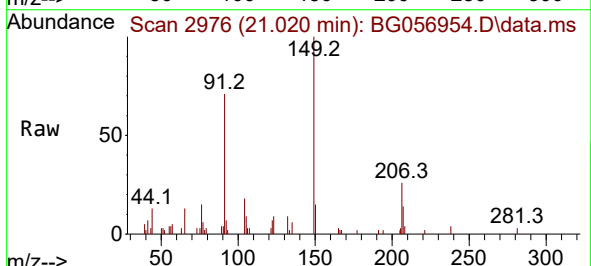
Tgt Ion:149 Resp: 10536

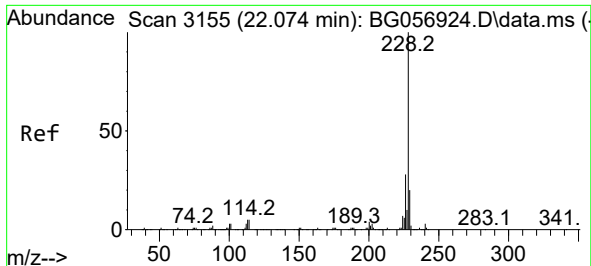
Ion Ratio Lower Upper

149 100

91 71.2 64.4 96.6

206 26.4 18.9 28.3

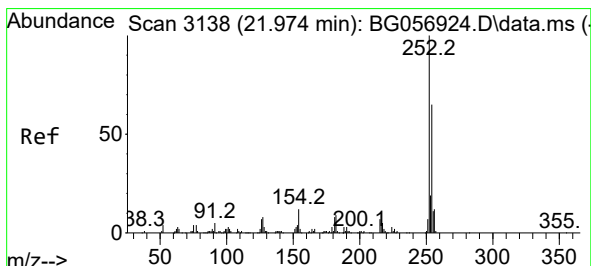
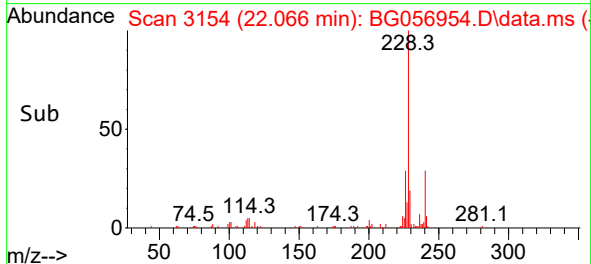
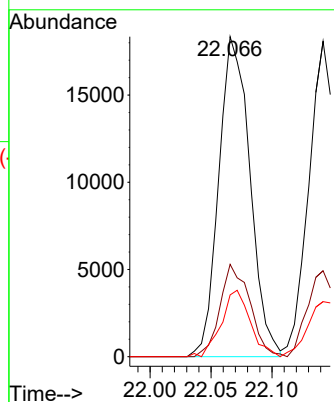
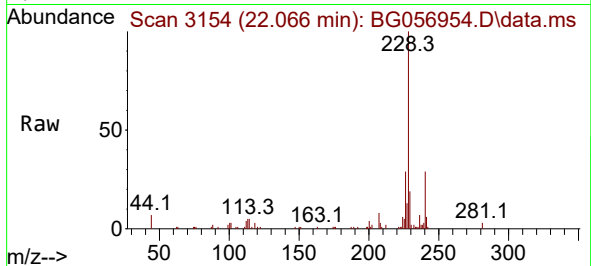




#81
Benzo(a)anthracene
Concen: 3.787 ng
RT: 22.066 min Scan# 3155
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

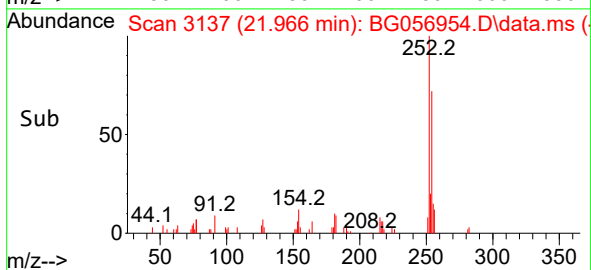
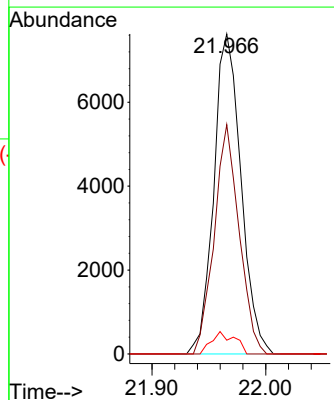
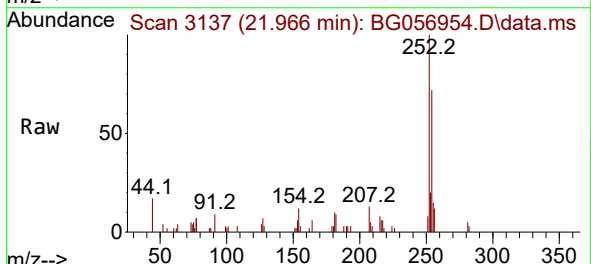
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

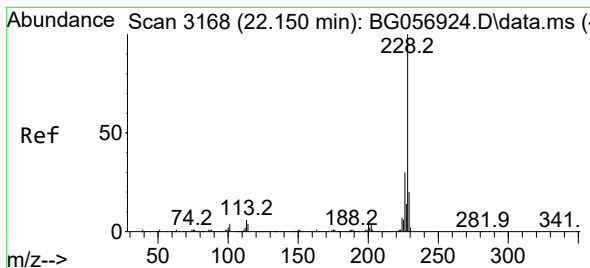
Tgt Ion:228 Resp: 32702
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 19.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 4.342 ng
RT: 21.966 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:252 Resp: 12660
Ion Ratio Lower Upper
252 100
254 71.7 51.7 77.5
126 4.3 5.6 8.4#





#83

Chrysene

Concen: 3.704 ng

RT: 22.142 min Scan# 3168

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

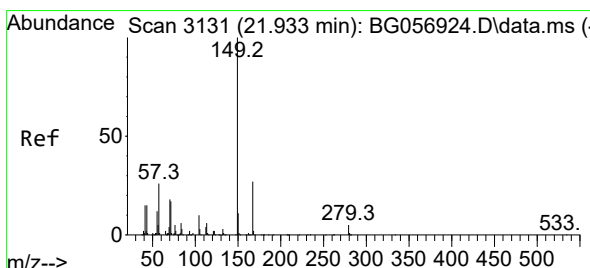
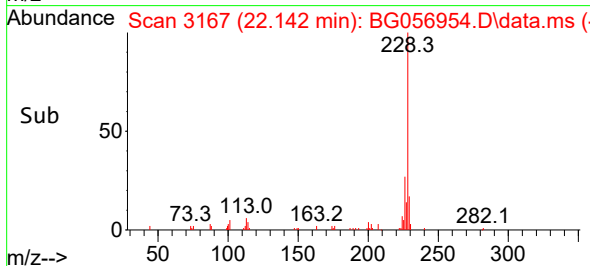
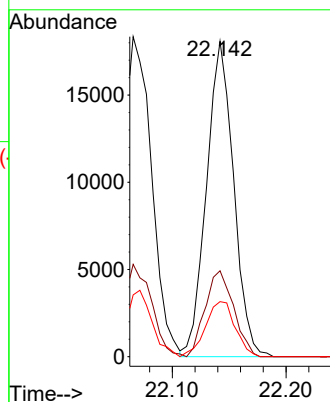
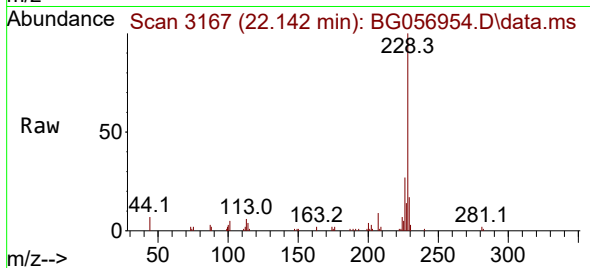
Tgt Ion:228 Resp: 29946

Ion Ratio Lower Upper

228 100

226 27.2 24.1 36.1

229 17.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.548 ng

RT: 21.930 min Scan# 3131

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

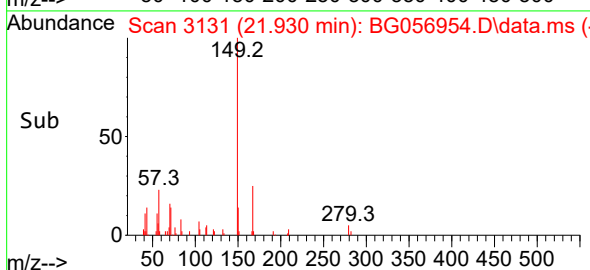
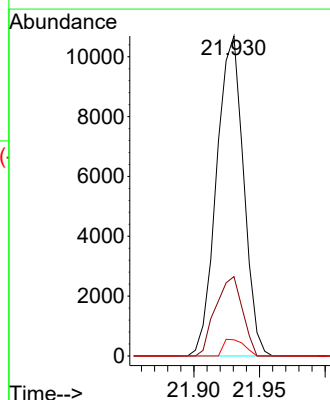
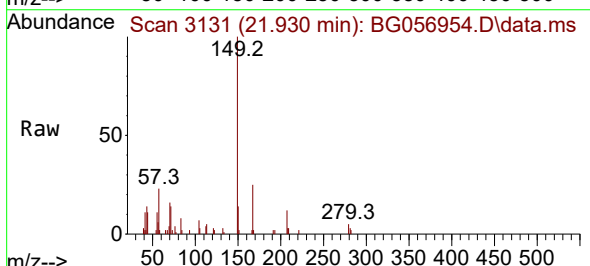
Tgt Ion:149 Resp: 15258

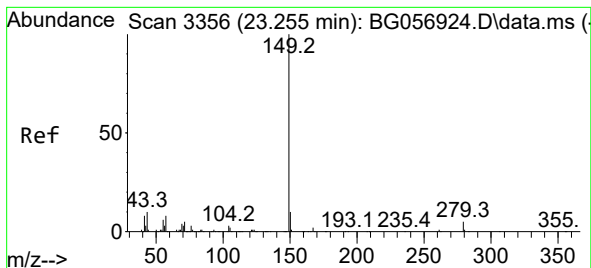
Ion Ratio Lower Upper

149 100

167 24.8 21.4 32.2

279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 3.456 ng

RT: 23.246 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

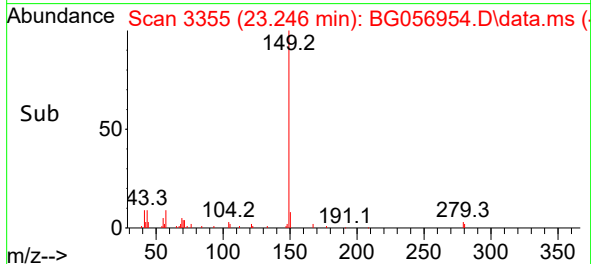
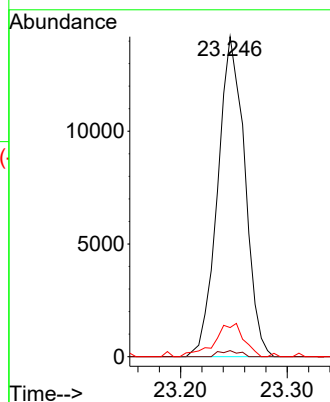
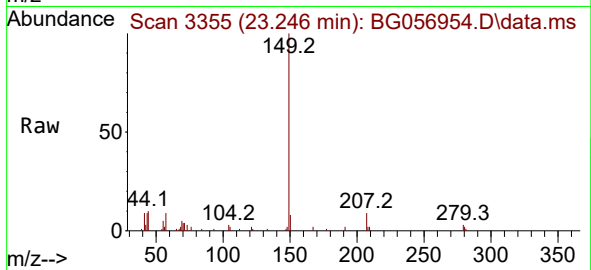
Tgt Ion:149 Resp: 25050

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.637 min Scan# 3762

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

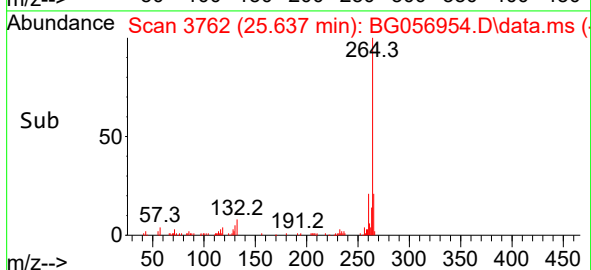
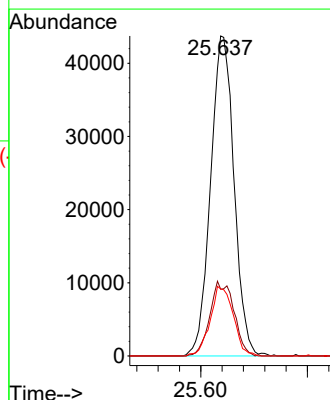
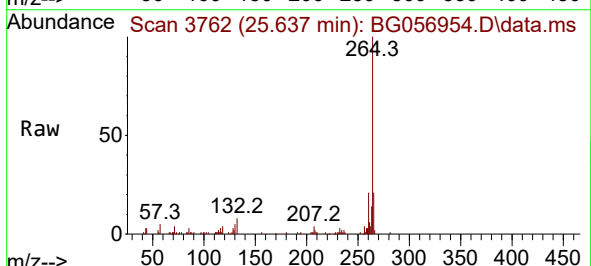
Tgt Ion:264 Resp: 133226

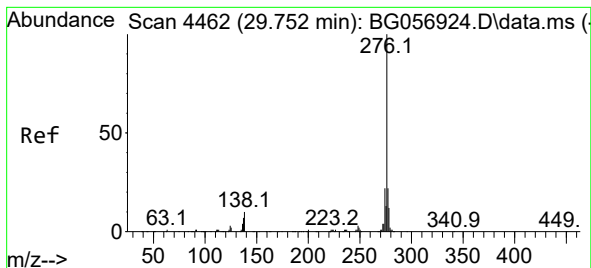
Ion Ratio Lower Upper

264 100

260 20.8 19.0 28.4

265 21.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 1.512 ng

RT: 29.714 min Scan# 4456

Delta R.T. -0.038 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

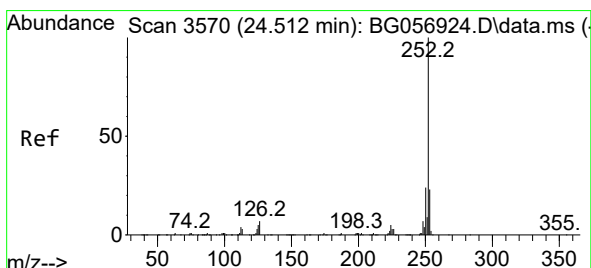
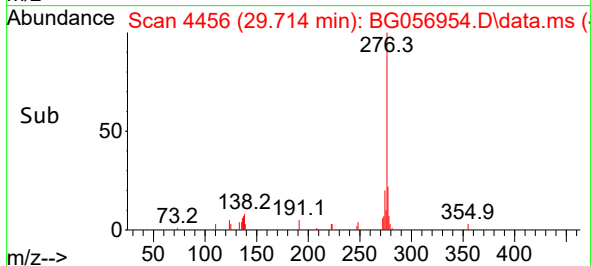
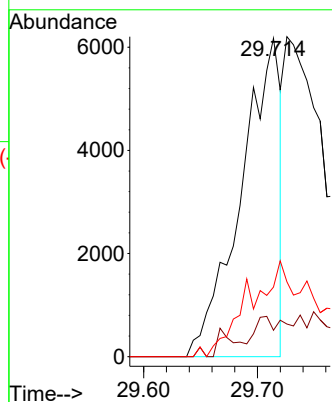
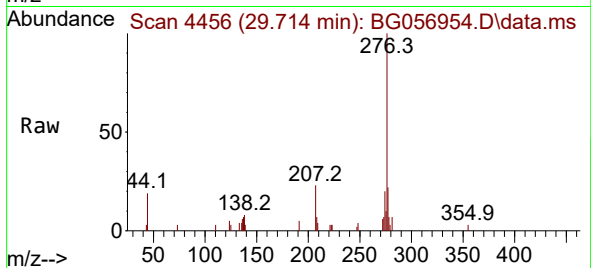
Tgt Ion:276 Resp: 14890

Ion Ratio Lower Upper

276 100

138 3.6 7.7 11.5#

277 16.4 21.0 31.4#



#88

Benzo(b)fluoranthene

Concen: 3.950 ng

RT: 24.498 min Scan# 3568

Delta R.T. -0.014 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

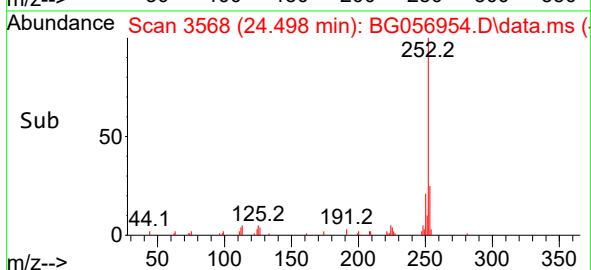
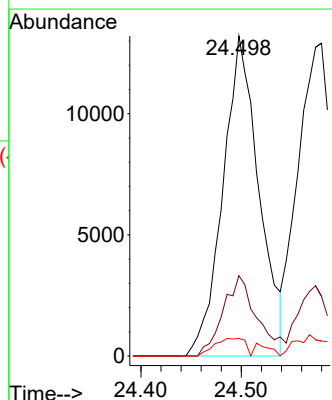
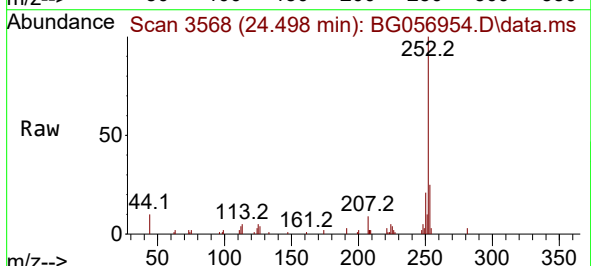
Tgt Ion:252 Resp: 32909

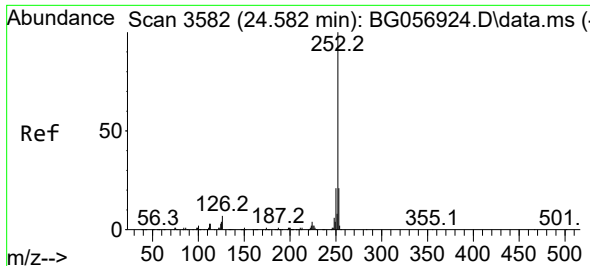
Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

125 5.5 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 3.948 ng

RT: 24.580 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

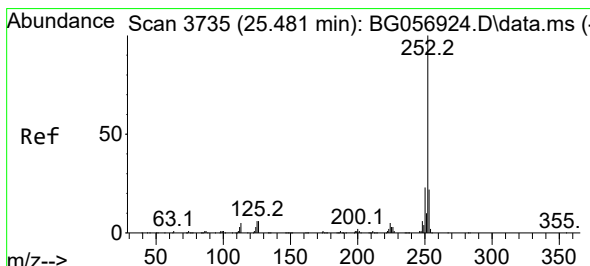
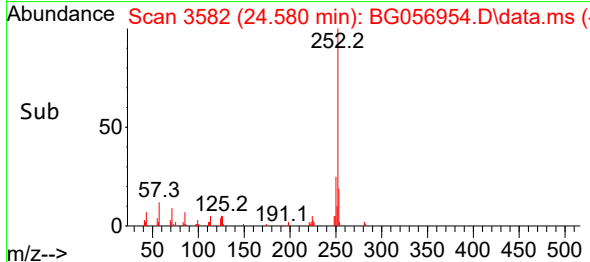
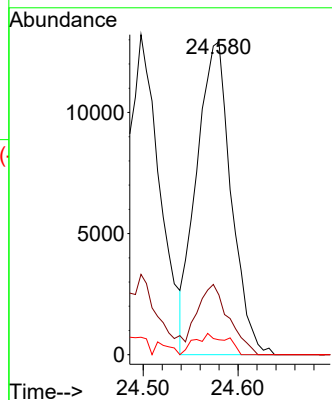
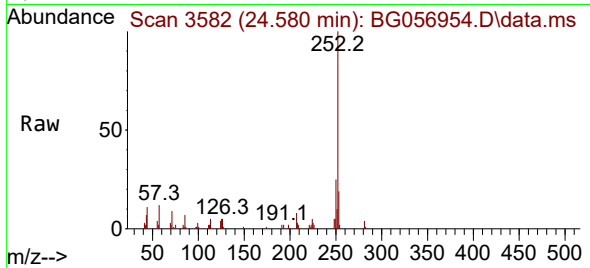
Tgt Ion:252 Resp: 32840

Ion Ratio Lower Upper

252 100

253 19.1 17.1 25.7

125 4.7 3.8 5.6



#90

Benzo(a)pyrene

Concen: 3.479 ng

RT: 25.467 min Scan# 3733

Delta R.T. -0.014 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

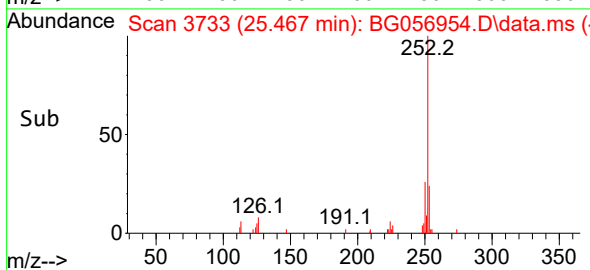
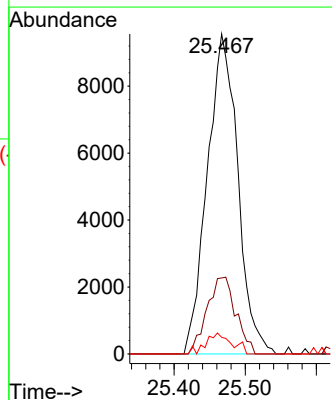
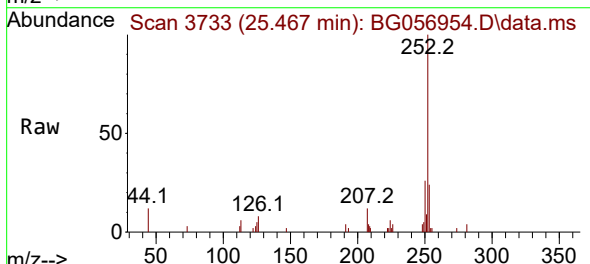
Tgt Ion:252 Resp: 28480

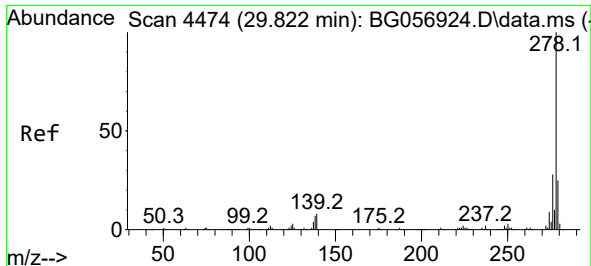
Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 5.2 4.5 6.7

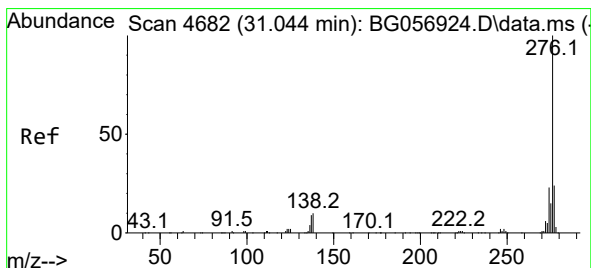
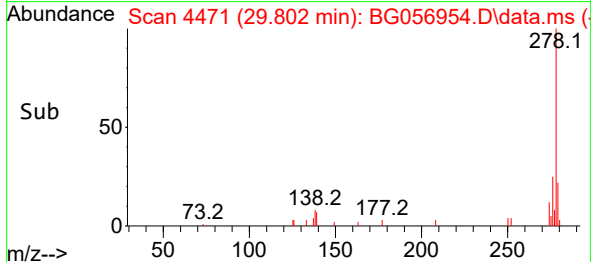
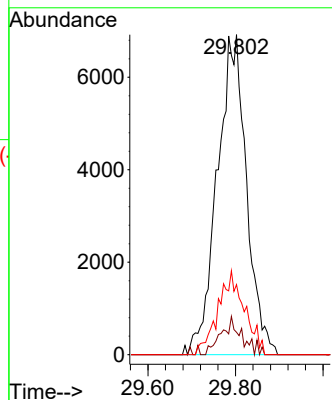
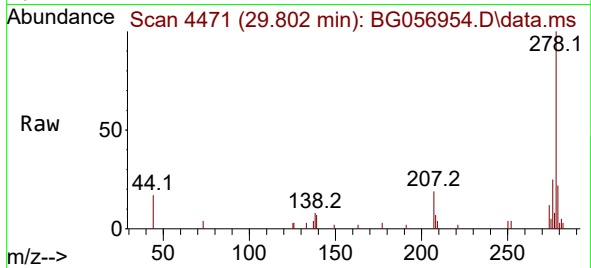




#91
Dibenzo(a,h)anthracene
Concen: 3.965 ng
RT: 29.802 min Scan# 4474
Delta R.T. -0.020 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:278 Resp: 32093
Ion Ratio Lower Upper
278 100
139 7.0 6.4 9.6
279 21.9 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 3.847 ng
RT: 30.995 min Scan# 4674
Delta R.T. -0.049 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:276 Resp: 30490
Ion Ratio Lower Upper
276 100
277 20.8 19.1 28.7
138 11.3 8.2 12.2

