

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
 Data File : BG057449.D
 Acq On : 17 May 2023 18:07
 Operator : CG/JU
 Sample : 02213-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 18 01:58:46 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	17119	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	68077	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	55780	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	142057	20.000	ng	0.00
76) Chrysene-d12	22.025	240	133015	20.000	ng	0.00
86) Perylene-d12	25.526	264	138178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	103007	102.929	ng	0.00
7) Phenol-d6	7.498	99	157721	103.785	ng	0.00
23) Nitrobenzene-d5	9.536	82	119339	73.575	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	92586	116.981	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	322701	77.916	ng	0.00
79) Terphenyl-d14	20.286	244	601615	73.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	2088	5.046	ng	93
3) Pyridine	4.114	79	5073	3.815	ng	87
4) n-Nitrosodimethylamine	4.014	42	2174	3.479	ng	# 70
6) Aniline	7.674	93	8431	4.373	ng	97
8) 2-Chlorophenol	7.920	128	4895	4.629	ng	79
9) Benzaldehyde	7.486	77	5356	Below Cal		98
10) Phenol	7.527	94	6278	4.238	ng	95
11) bis(2-Chloroethyl)ether	7.762	93	4711	4.217	ng	94
12) 1,3-Dichlorobenzene	8.249	146	5669	4.857	ng	99
13) 1,4-Dichlorobenzene	8.396	146	5816	4.961	ng	90
14) 1,2-Dichlorobenzene	8.725	146	5278	4.664	ng	95
15) Benzyl Alcohol	8.596	79	4784	3.779	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.878	45	5749	4.083	ng	96
17) 2-Methylphenol	8.802	107	4476	4.191	ng	92
18) Hexachloroethane	9.460	117	1858	4.392	ng	85
19) n-Nitroso-di-n-propyla...	9.154	70	4614	3.982	ng	90
20) 3+4-Methylphenols	9.131	107	5812	3.975	ng	91
22) Acetophenone	9.189	105	8391	4.306	ng	# 93
24) Nitrobenzene	9.583	77	7061	4.313	ng	99
25) Isophorone	10.100	82	12193	3.877	ng	# 95
26) 2-Nitrophenol	10.306	139	2869	4.578	ng	# 88
27) 2,4-Dimethylphenol	10.341	122	4756	4.334	ng	98
28) bis(2-Chloroethoxy)met...	10.576	93	6567	4.168	ng	# 88
29) 2,4-Dichlorophenol	10.846	162	5778	4.965	ng	89
30) 1,2,4-Trichlorobenzene	11.057	180	5942	4.427	ng	98
31) Naphthalene	11.251	128	17153	4.713	ng	98
32) Benzoic acid	10.341	122	4756	11.495	ng	# 17
33) 4-Chloroaniline	11.357	127	7183	4.395	ng	# 90
34) Hexachlorobutadiene	11.522	225	4796	4.815	ng	96
35) Caprolactam	12.091	113	1880	4.729	ng	# 67
36) 4-Chloro-3-methylphenol	12.450	107	6157	4.655	ng	98
37) 2-Methylnaphthalene	12.826	142	13059	4.564	ng	95
38) 1-Methylnaphthalene	13.043	142	12524	4.643	ng	98
40) 1,2,4,5-Tetrachloroben...	13.190	216	9782	4.940	ng	# 94
41) Hexachlorocyclopentadiene	13.160	237	654	6.928	ng	# 56
43) 2,4,6-Trichlorophenol	13.425	196	5178	4.292	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.513	196	5811	4.095	ng	# 97
46) 1,1'-Biphenyl	13.813	154	19870	4.801	ng	99
47) 2-Chloronaphthalene	13.865	162	14380	4.672	ng	97
48) 2-Nitroaniline	14.065	65	4078	3.897	ng	96
49) Acenaphthylene	14.705	152	23191	4.638	ng	98
50) Dimethylphthalate	14.406	163	19655	4.288	ng	# 96
51) 2,6-Dinitrotoluene	14.541	165	4044	4.321	ng	# 84
52) Acenaphthene	15.040	154	14176	4.537	ng	99
53) 3-Nitroaniline	14.882	138	3798	4.051	ng	82
54) 2,4-Dinitrophenol	15.128	184	180	5.208	ng	# 43
55) Dibenzofuran	15.369	168	24665	4.698	ng	98
56) 4-Nitrophenol	15.205	139	1983	3.180	ng	# 89
57) 2,4-Dinitrotoluene	15.328	165	5658	4.230	ng	# 95
58) Fluorene	16.015	166	20424	4.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	5760	4.477	ng	# 97
60) Diethylphthalate	15.751	149	20038	4.305	ng	98
61) 4-Chlorophenyl-phenyle...	15.992	204	11897	4.567	ng	97
62) 4-Nitroaniline	16.033	138	3773	3.989	ng	# 84
63) Azobenzene	16.286	77	18003	4.008	ng	96
65) 4,6-Dinitro-2-methylph...	16.104	198	2622	3.091	ng	88
66) n-Nitrosodiphenylamine	16.203	169	17159	4.447	ng	98
67) 4-Bromophenyl-phenylether	16.885	248	7807	4.502	ng	95
68) Hexachlorobenzene	17.020	284	8470	5.026	ng	96
69) Atrazine	17.137	200	7268	4.938	ng	96
70) Pentachlorophenol	17.384	266	1363	1.403	ng	# 81
71) Phenanthrene	17.754	178	33878	4.654	ng	99
72) Anthracene	17.848	178	33630	4.503	ng	98
73) Carbazole	18.113	167	28354	4.509	ng	97
74) Di-n-butylphthalate	18.630	149	30693	4.242	ng	98
75) Fluoranthene	19.746	202	39817	4.398	ng	99
77) Benzidine	19.916	184	19649	6.608	ng	98
78) Pyrene	20.110	202	42040	4.349	ng	97
80) Butylbenzylphthalate	20.956	149	12948	4.222	ng	96
81) Benzo(a)anthracene	22.001	228	41163	4.344	ng	100
82) 3,3'-Dichlorobenzidine	21.902	252	15900	5.238	ng	# 95
83) Chrysene	22.072	228	39747	4.458	ng	94
84) Bis(2-ethylhexyl)phtha...	21.849	149	19351	4.265	ng	99
85) Di-n-octyl phthalate	23.141	149	32647	4.316	ng	98
87) Indeno(1,2,3-cd)pyrene	29.574	276	44673	4.436	ng	99
88) Benzo(b)fluoranthene	24.404	252	41621	4.608	ng	96
89) Benzo(k)fluoranthene	24.475	252	41221	4.491	ng	99
90) Benzo(a)pyrene	25.362	252	36234	4.106	ng	93
91) Dibenzo(a,h)anthracene	29.626	278	37096	4.423	ng	99
92) Benzo(g,h,i)perylene	30.842	276	36458	4.452	ng	95

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

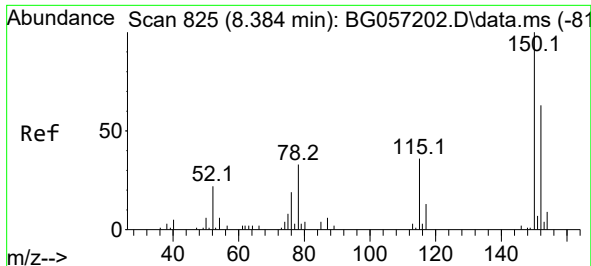
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

TIC: BG057449.D\data.ms

Abundance

Time-->

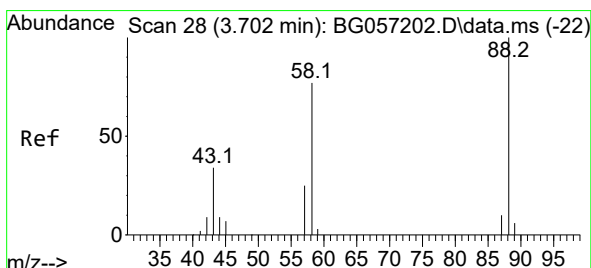
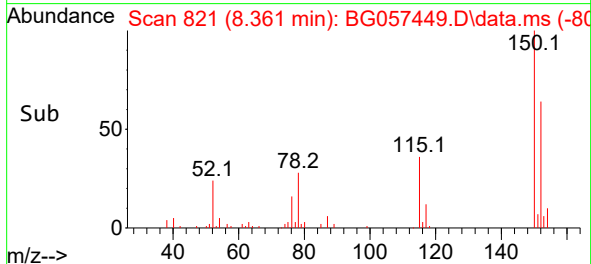
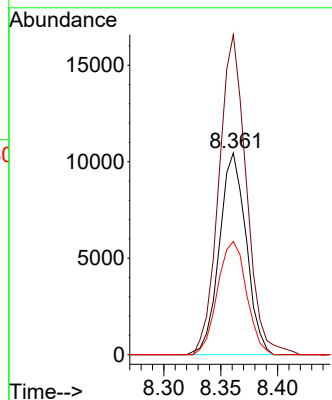
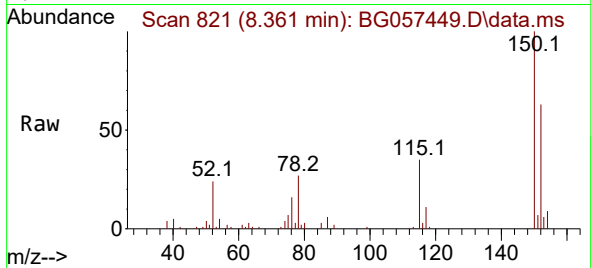
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Pyrimidine, dimethylamine
2-Fluorophenol, S
Phenol-d6, S
1,3-Bis(4-chlorophenyl)propane
2,4-Dichlorophenol, P
Nitrobenzene-d5, S
Hexachlorocyclopentadiene, C
2,4,6-Tribromophenol, S
2-Fluorobiphenyl, S
2,4,6-Tribromophenol, S
Phenanthrene-d10, I
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Butylbenzylphthalate
3,3'-Bis(4-chlorophenyl)phthalate
Di-n-octyl phthalate, c
Benzothiazole
Benzo(a)pyrene-d12, I
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

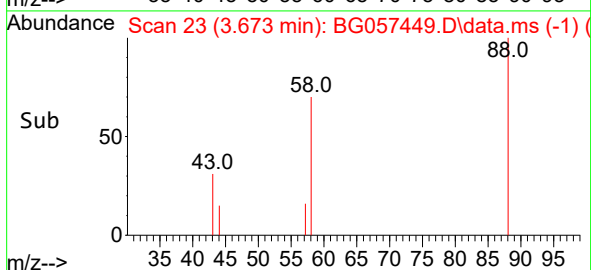
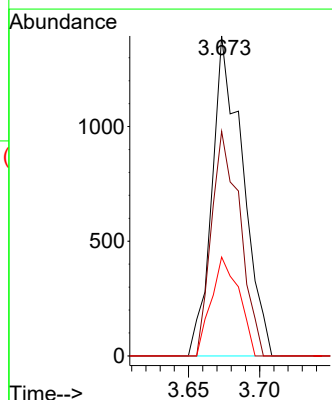
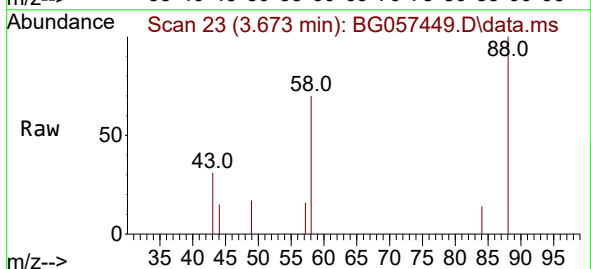
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

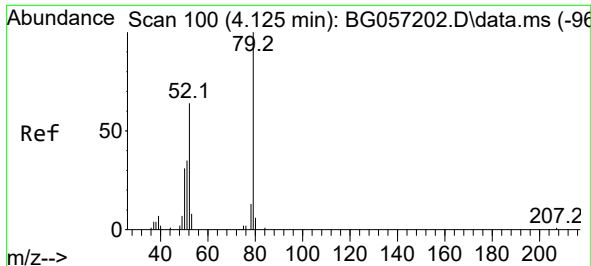
Tgt Ion:152 Resp: 17119
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.4
115 56.2 45.0 67.4



#2
1,4-Dioxane
Concen: 5.046 ng
RT: 3.673 min Scan# 23
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion: 88 Resp: 2088
Ion Ratio Lower Upper
88 100
58 65.1 57.1 85.7
43 28.0 24.4 36.6





#3

Pyridine

Concen: 3.815 ng

RT: 4.114 min Scan# 91

Delta R.T. 0.009 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

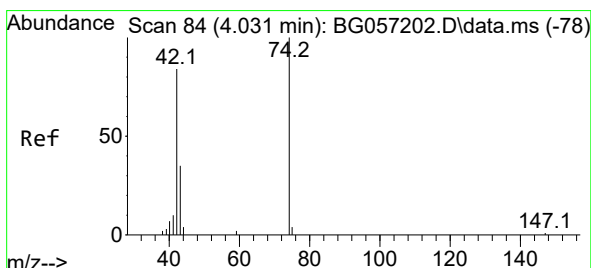
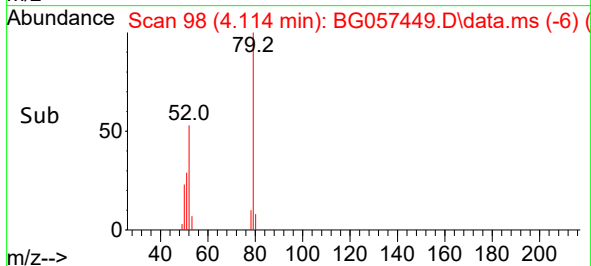
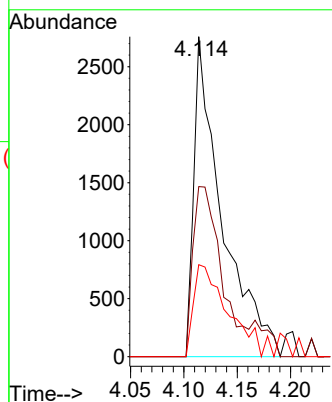
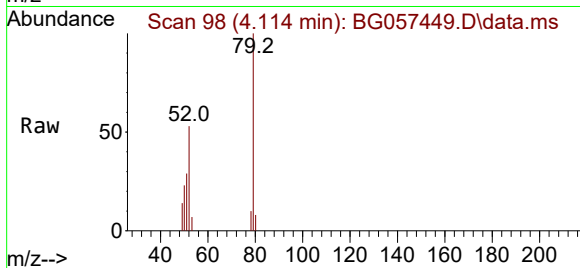
Tgt Ion: 79 Resp: 5073

Ion Ratio Lower Upper

79 100

52 53.1 51.4 77.0

51 28.7 28.0 42.0



#4

n-Nitrosodimethylamine

Concen: 3.479 ng

RT: 4.014 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

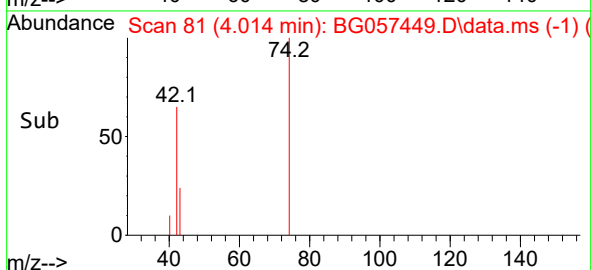
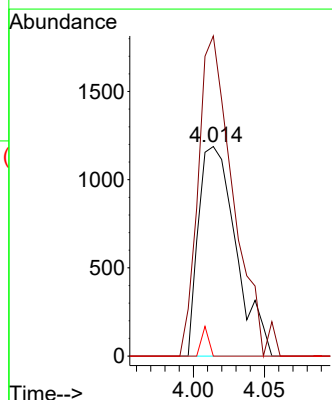
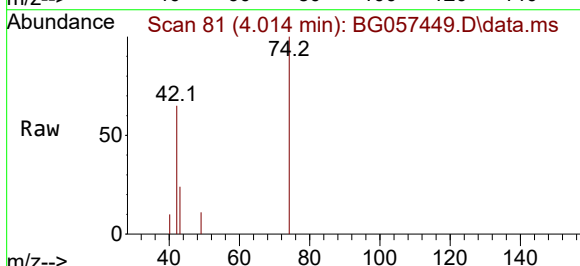
Tgt Ion: 42 Resp: 2174

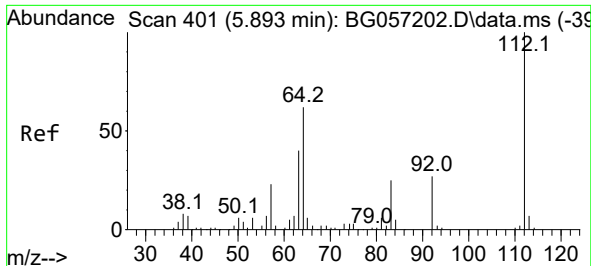
Ion Ratio Lower Upper

42 100

74 152.8 95.1 142.7#

44 0.0 5.8 8.8#

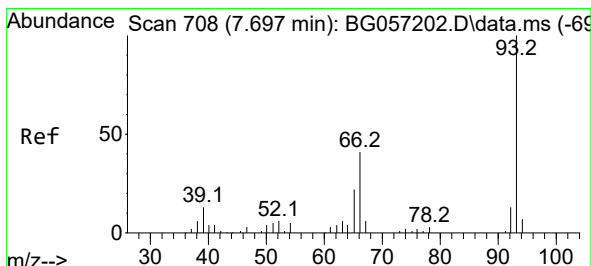
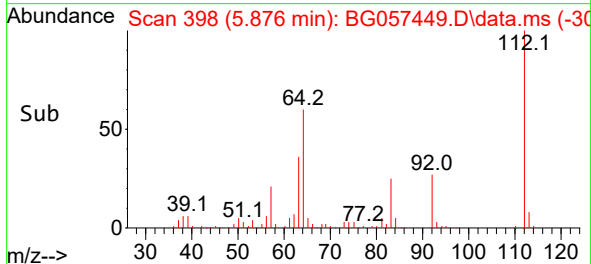
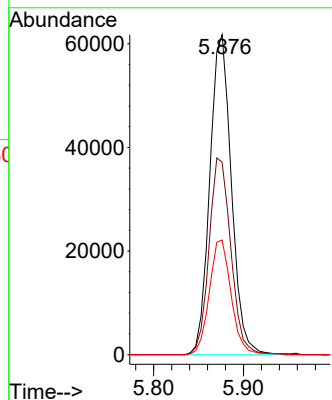
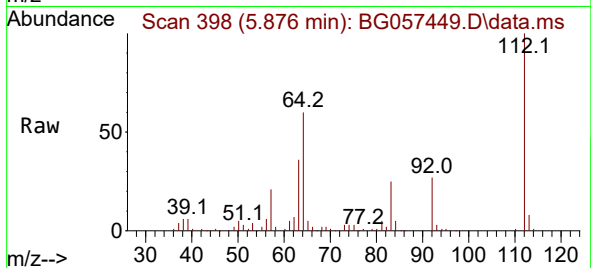




#5
2-Fluorophenol
Concen: 102.929 ng
RT: 5.876 min Scan# 398
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

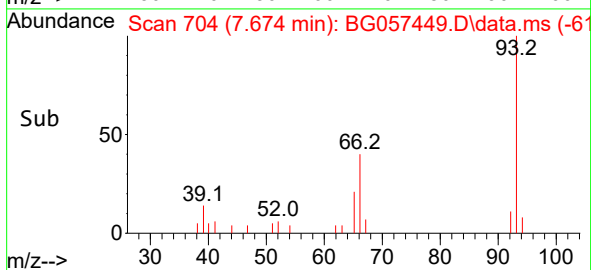
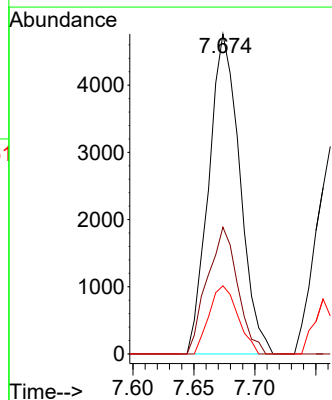
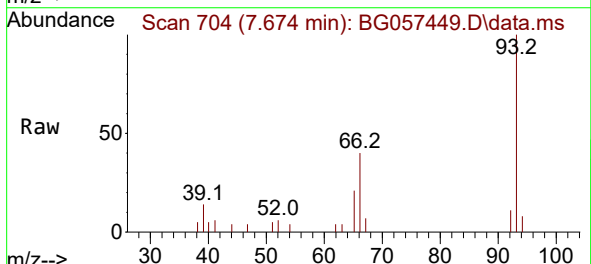
Instrument :
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ClientSampleId :
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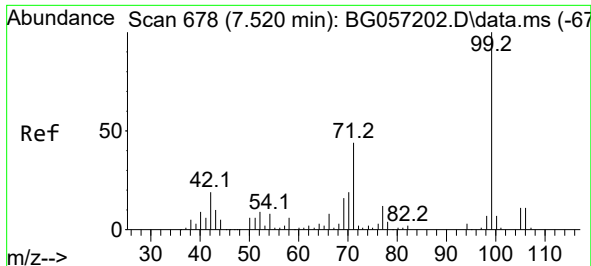
Tgt Ion:112 Resp: 103007
Ion Ratio Lower Upper
112 100
64 60.2 49.4 74.2
63 35.9 31.6 47.4



#6
Aniline
Concen: 4.373 ng
RT: 7.674 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion: 93 Resp: 8431
Ion Ratio Lower Upper
93 100
66 39.6 33.0 49.6
65 21.3 18.0 27.0

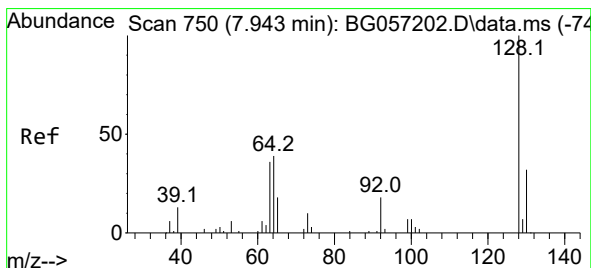
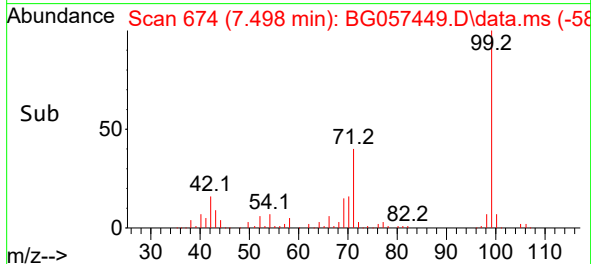
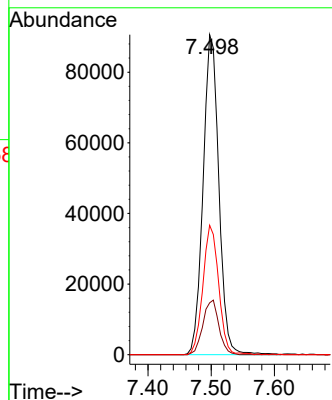
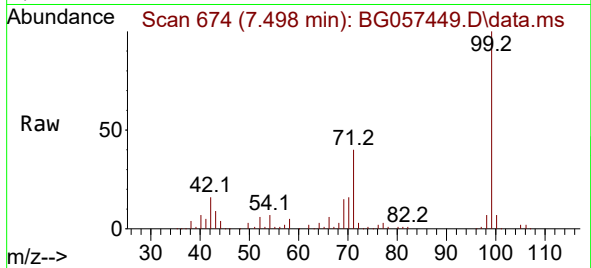




#7
Phenol-d6
Concen: 103.785 ng
RT: 7.498 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

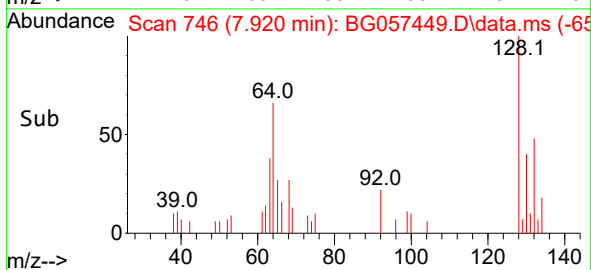
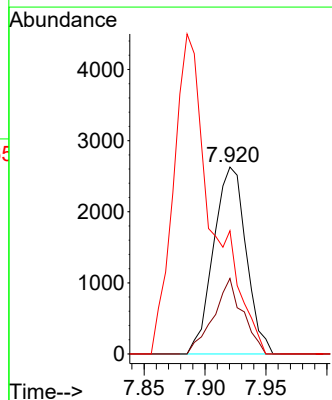
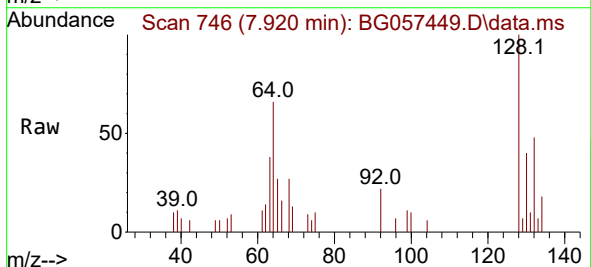
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

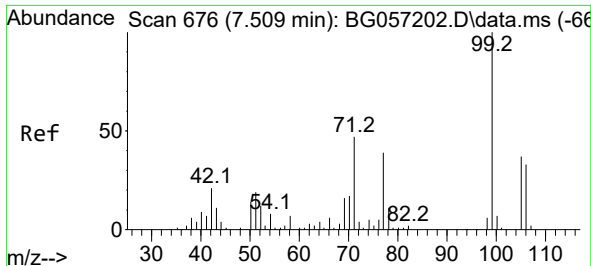
Tgt Ion: 99 Resp: 157721
Ion Ratio Lower Upper
99 100
42 16.2 15.1 22.7
71 40.5 35.2 52.8



#8
2-Chlorophenol
Concen: 4.629 ng
RT: 7.920 min Scan# 746
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion: 128 Resp: 4895
Ion Ratio Lower Upper
128 100
130 40.4 12.2 52.2
64 65.9 28.4 68.4

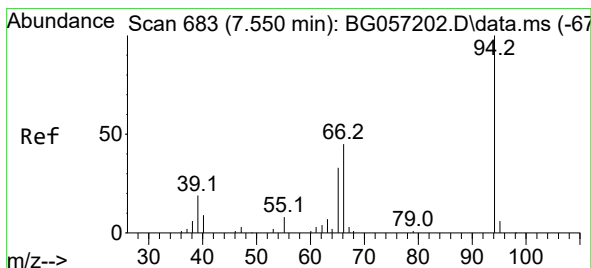
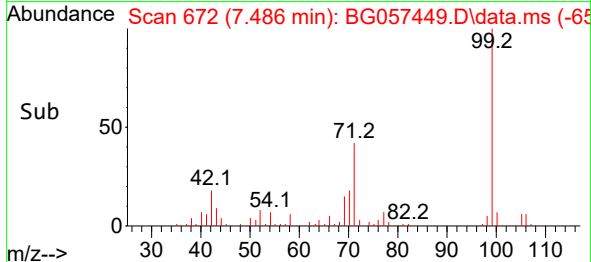
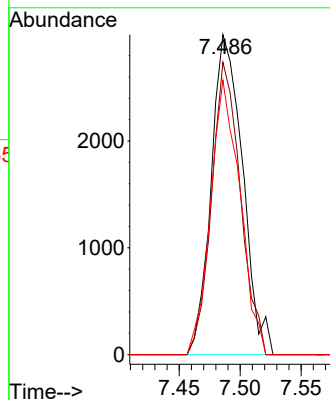
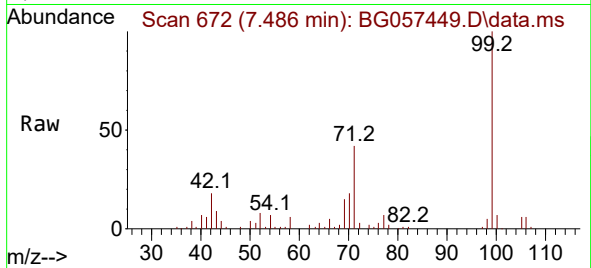




#9
Benzaldehyde
Concen: Below Cal
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

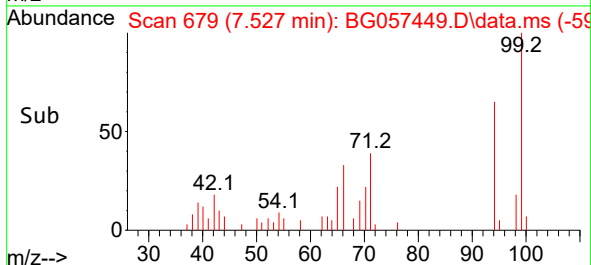
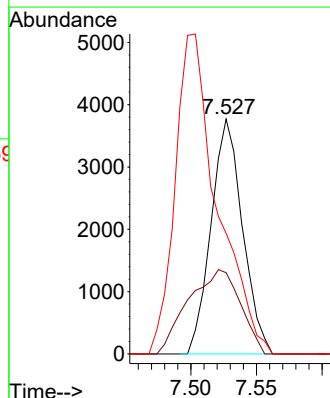
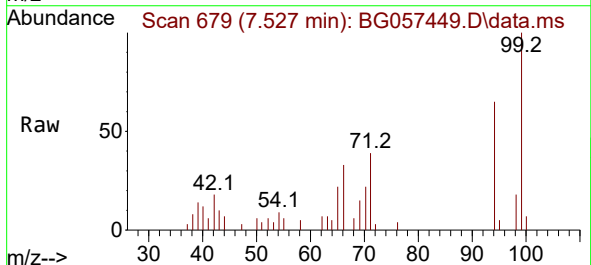
Instrument :
BNA_G
ClientSampleId :
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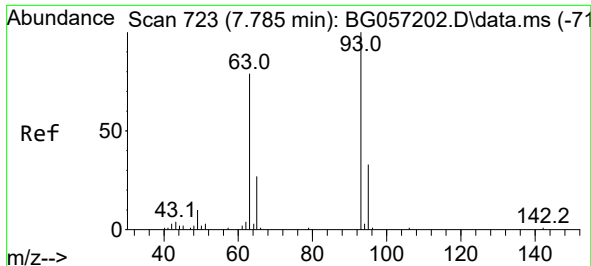
Tgt Ion: 77 Resp: 5356
Ion Ratio Lower Upper
77 100
105 91.4 74.6 114.6
106 85.7 66.3 106.3



#10
Phenol
Concen: 4.238 ng
RT: 7.527 min Scan# 679
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion: 94 Resp: 6278
Ion Ratio Lower Upper
94 100
65 34.6 13.5 53.5
66 51.4 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 4.217 ng

RT: 7.762 min Scan# 719

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

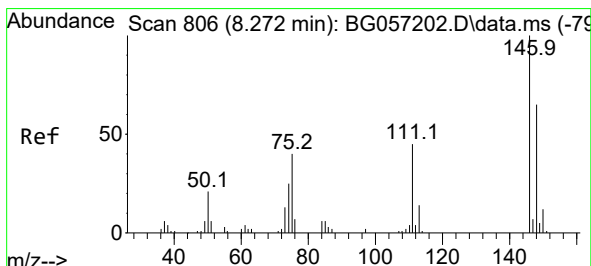
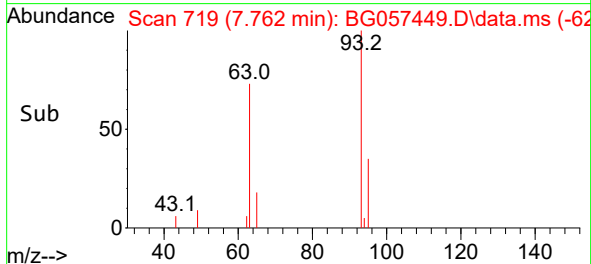
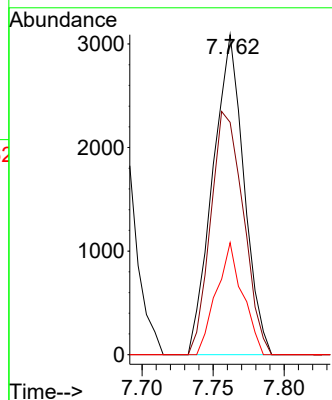
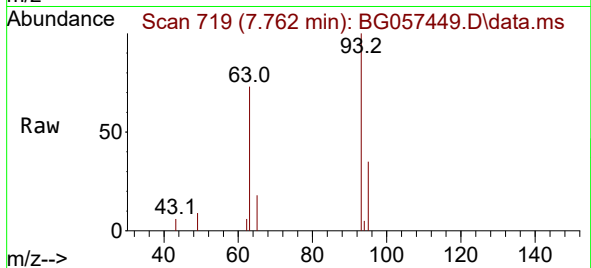
Tgt Ion: 93 Resp: 4711

Ion Ratio Lower Upper

93 100

63 72.6 58.6 98.6

95 35.0 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 4.857 ng

RT: 8.249 min Scan# 802

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

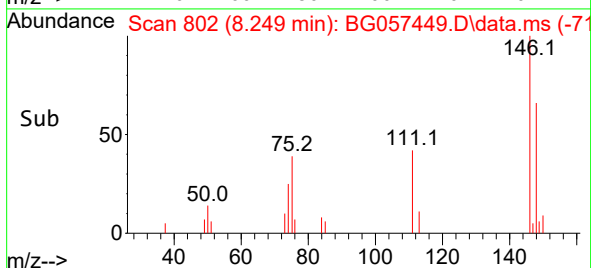
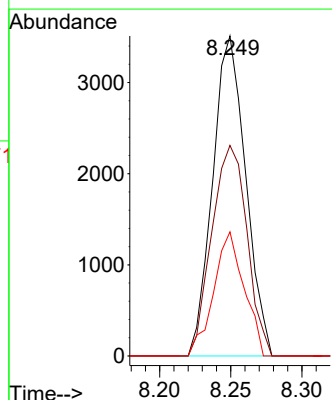
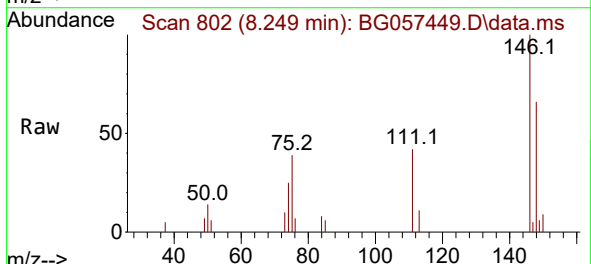
Tgt Ion: 146 Resp: 5669

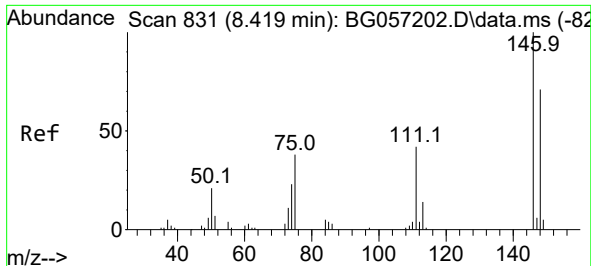
Ion Ratio Lower Upper

146 100

148 65.8 52.2 78.2

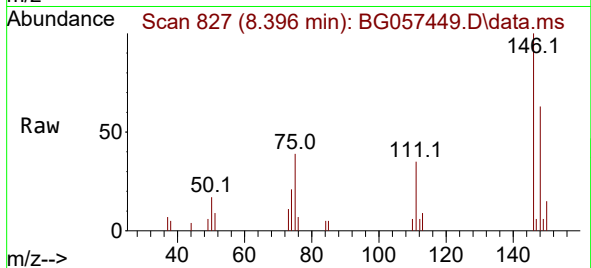
75 38.8 31.7 47.5



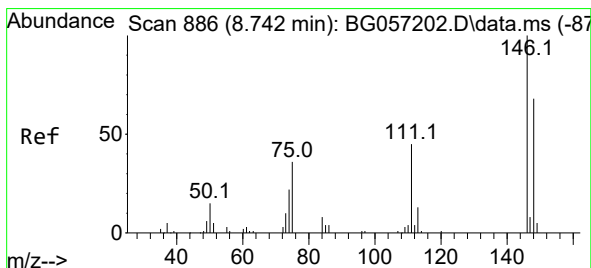
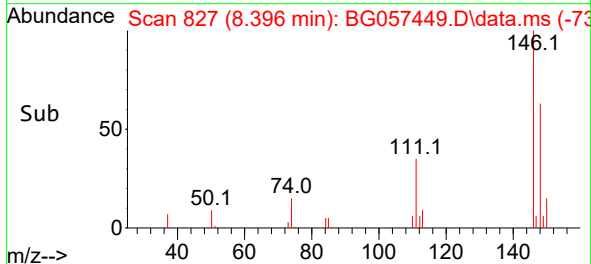
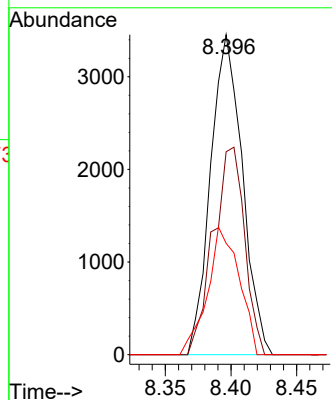


#13
1,4-Dichlorobenzene
Concen: 4.961 ng
RT: 8.396 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

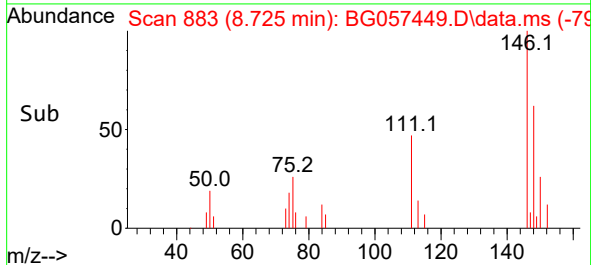
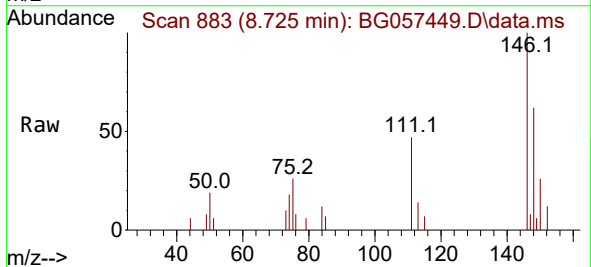
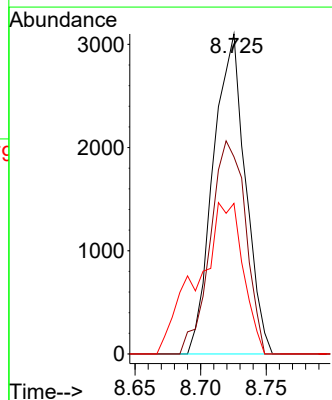


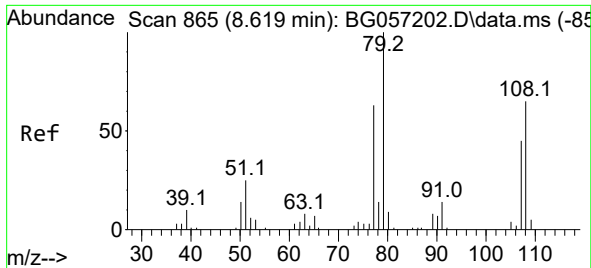
Tgt Ion:146 Resp: 5816
Ion Ratio Lower Upper
146 100
148 63.4 56.4 84.6
111 34.8 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 4.664 ng
RT: 8.725 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:146 Resp: 5278
Ion Ratio Lower Upper
146 100
148 61.6 54.6 82.0
111 47.0 37.2 55.8

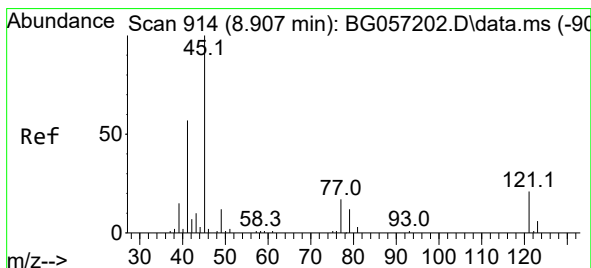
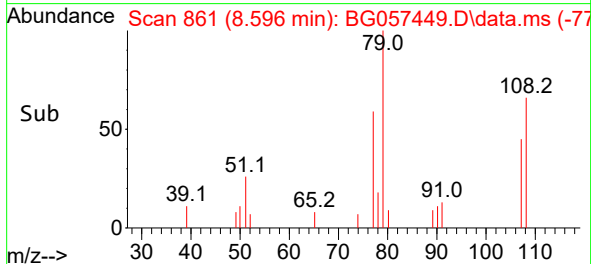
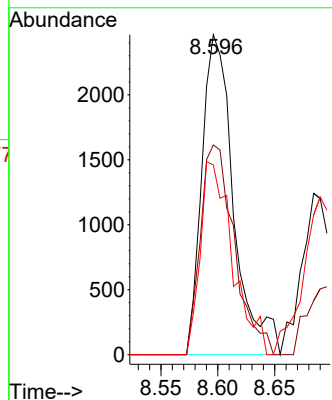
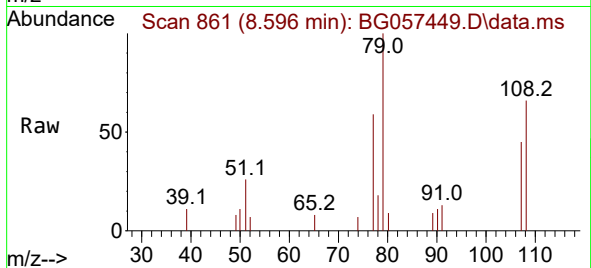




#15
Benzyl Alcohol
Concen: 3.779 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

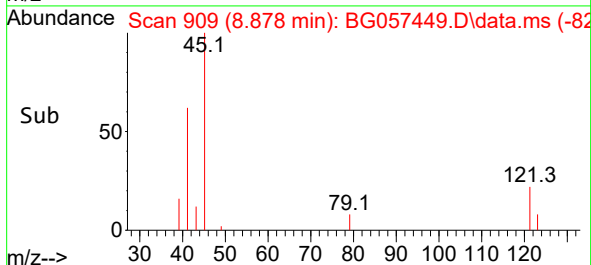
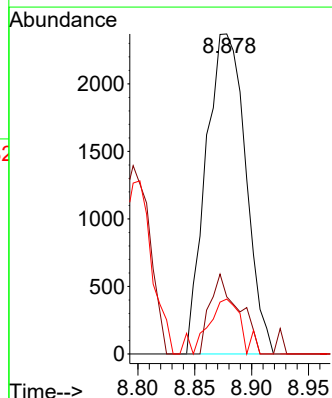
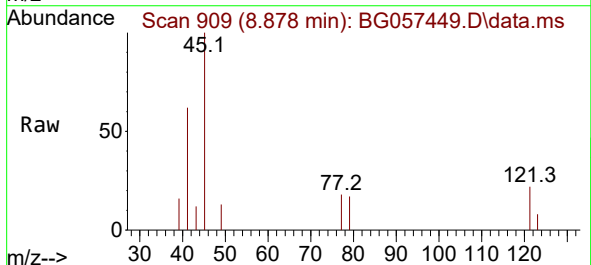
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

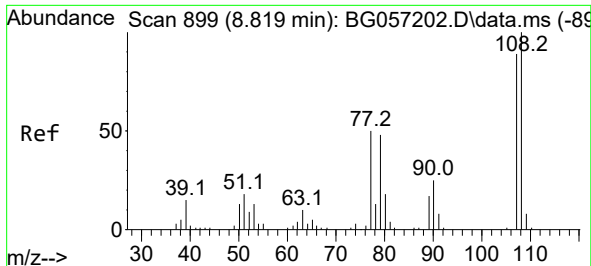
Tgt Ion: 79 Resp: 4784
Ion Ratio Lower Upper
79 100
108 65.6 52.2 78.2
77 59.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.083 ng
RT: 8.878 min Scan# 909
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion: 45 Resp: 5749
Ion Ratio Lower Upper
45 100
77 17.8 0.0 38.5
79 17.2 0.0 33.8

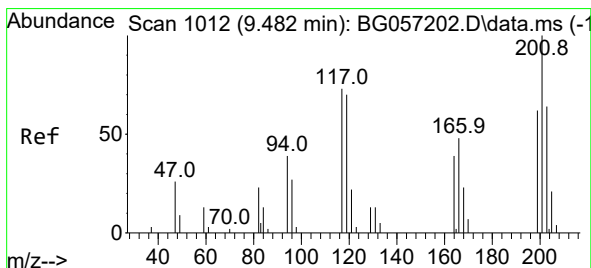
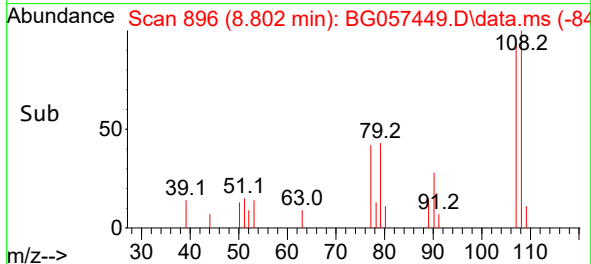
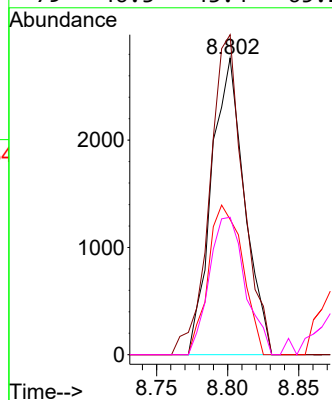
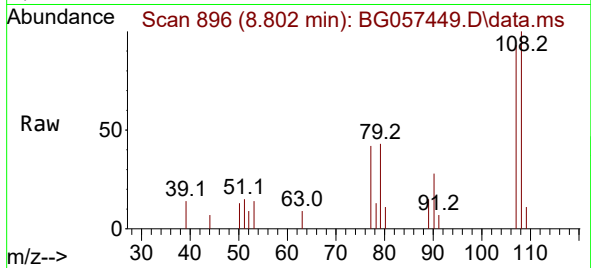




#17
2-Methylphenol
Concen: 4.191 ng
RT: 8.802 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

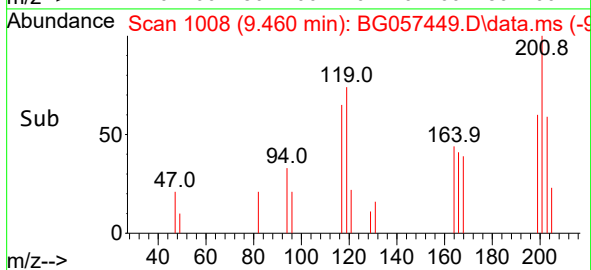
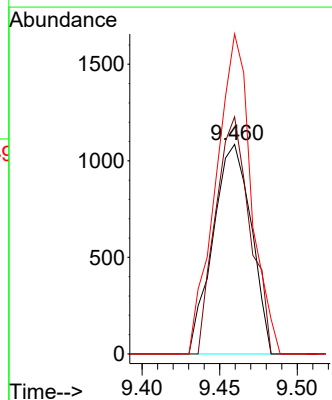
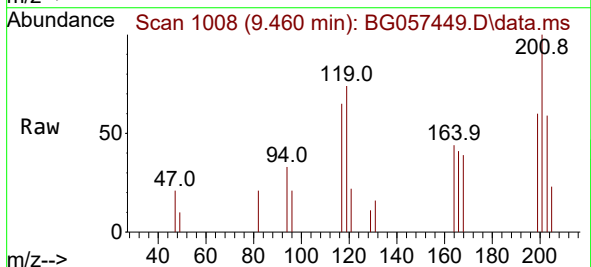
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

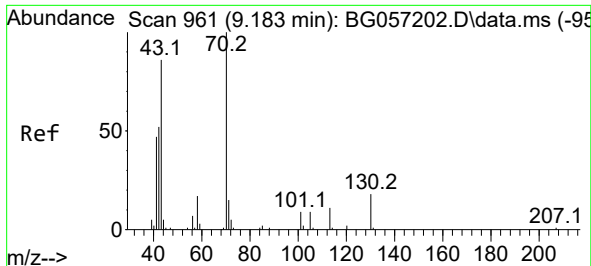
Tgt Ion:	107	Resp:	4476
Ion	Ratio	Lower	Upper
107	100		
108	107.8	89.5	134.3
77	45.6	45.1	67.7
79	46.3	43.4	65.2



#18
Hexachloroethane
Concen: 4.392 ng
RT: 9.460 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:	117	Resp:	1858
Ion	Ratio	Lower	Upper
117	100		
119	113.2	76.7	115.1
201	152.7	109.0	163.4

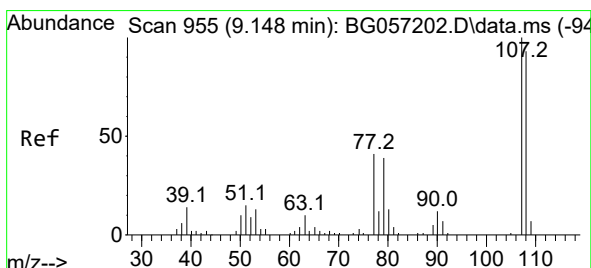
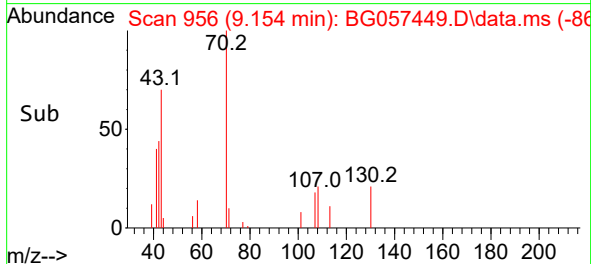
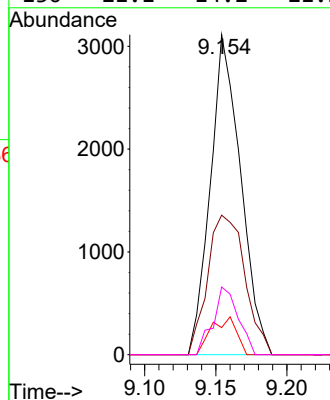
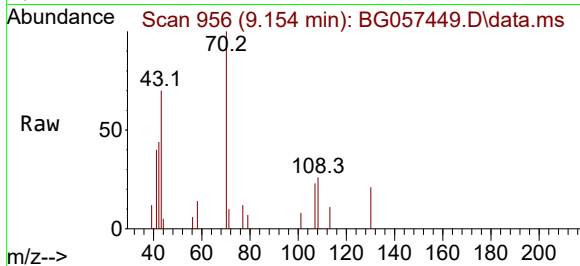




#19
n-Nitroso-di-n-propylamine
Concen: 3.982 ng
RT: 9.154 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

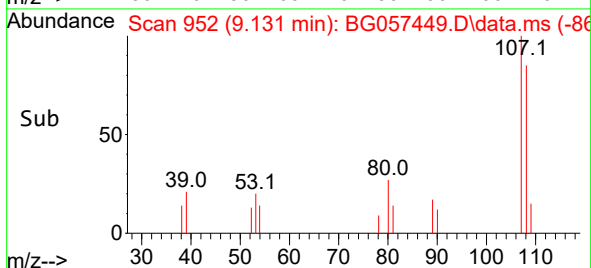
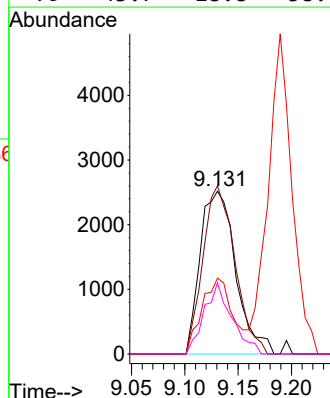
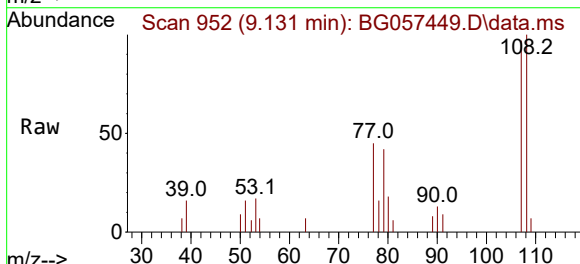
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

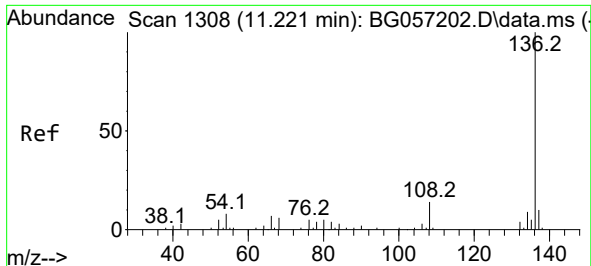
Tgt Ion: 70	Resp: 4614
Ion Ratio	Lower Upper
70 100	
42 43.6	41.8 62.8
101 8.5	6.8 10.2
130 21.1	14.2 21.2



#20
3+4-Methylphenols
Concen: 3.975 ng
RT: 9.131 min Scan# 952
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt	Ion:107	Resp:	5812
Ion	Ratio	Lower	Upper
107	100		
108	103.4	73.5	113.5
77	46.6	21.1	61.1
79	43.7	18.8	58.8

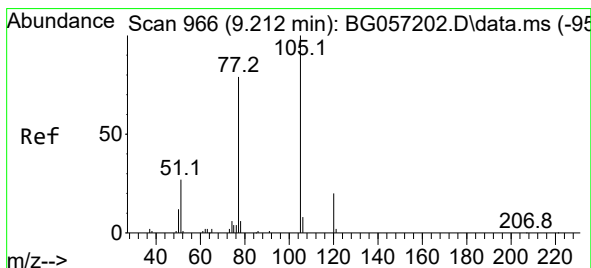
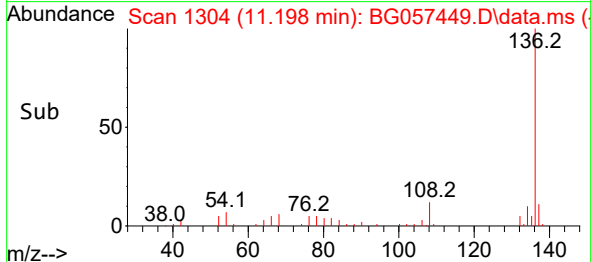
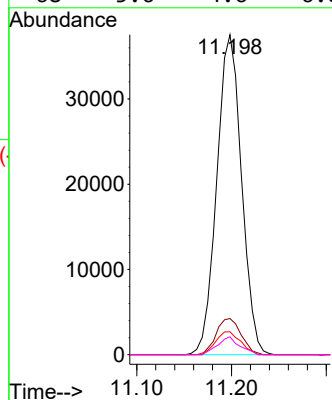
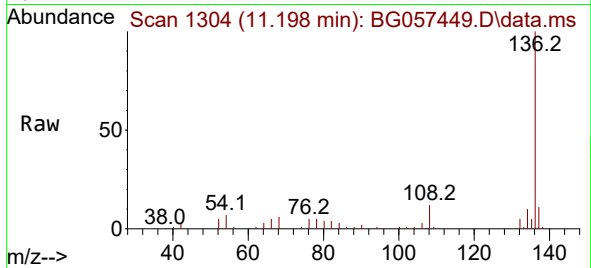




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

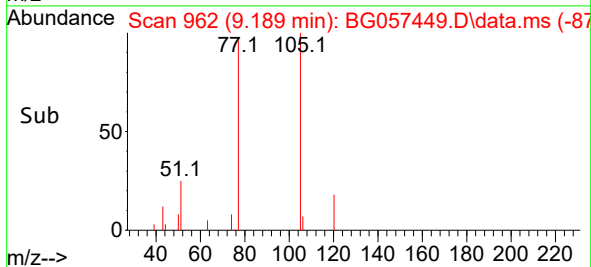
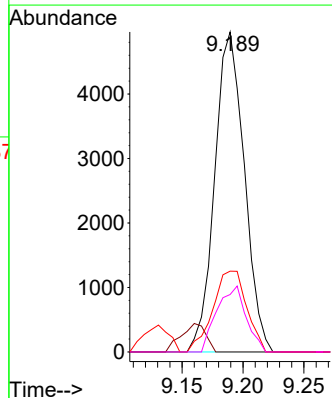
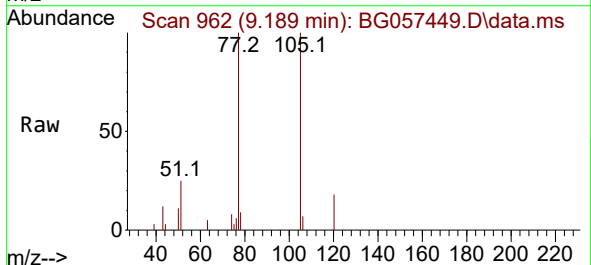
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

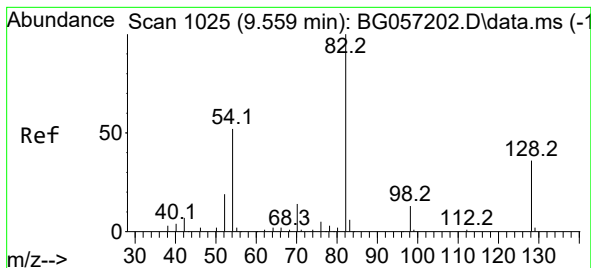
Tgt Ion:136	Resp:	68077
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.3 12.5
54	7.1	6.7 10.1
68	5.6	4.6 6.8



#22
Acetophenone
Concen: 4.306 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:105	Resp:	8391
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.4 0.6#
51	25.3	24.0 36.0
120	17.9	15.8 23.8





#23

Nitrobenzene-d5

Concen: 73.575 ng

RT: 9.536 min Scan# 1021

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

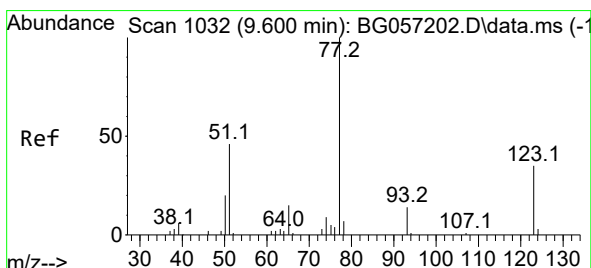
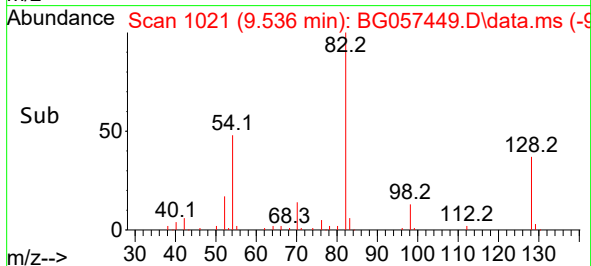
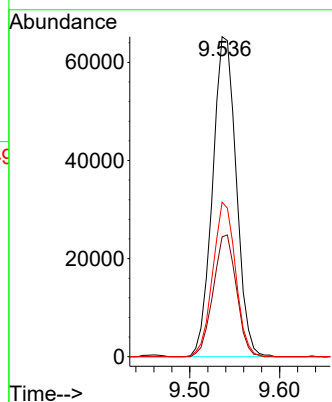
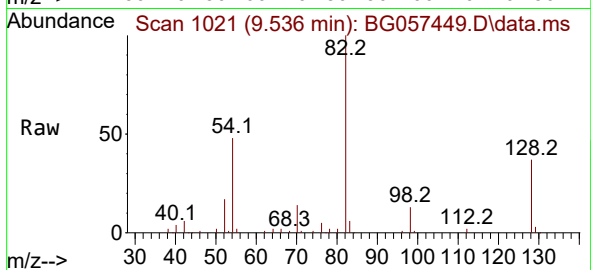
Tgt Ion: 82 Resp: 119339

Ion Ratio Lower Upper

82 100

128 37.4 29.0 43.4

54 48.3 41.4 62.0



#24

Nitrobenzene

Concen: 4.313 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

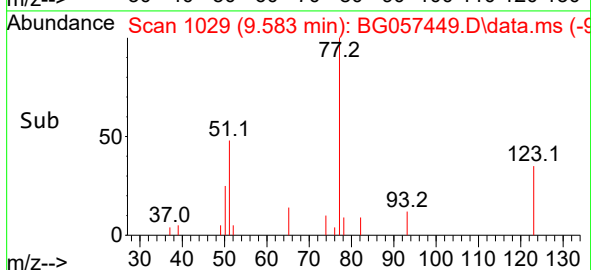
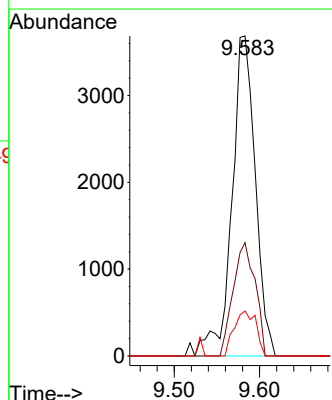
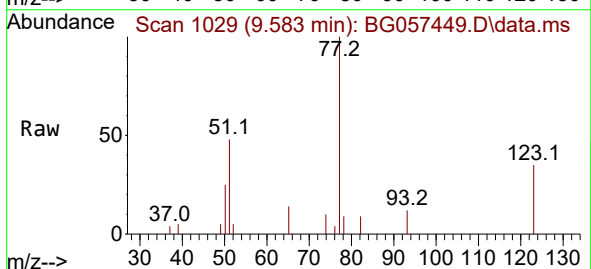
Tgt Ion: 77 Resp: 7061

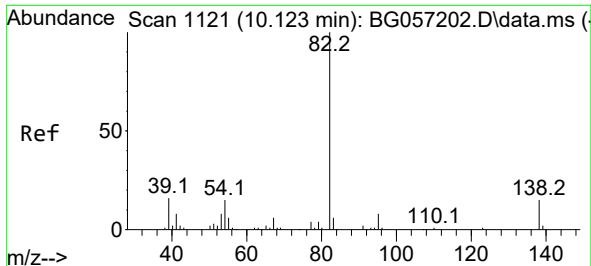
Ion Ratio Lower Upper

77 100

123 35.4 28.2 42.2

65 14.0 11.7 17.5

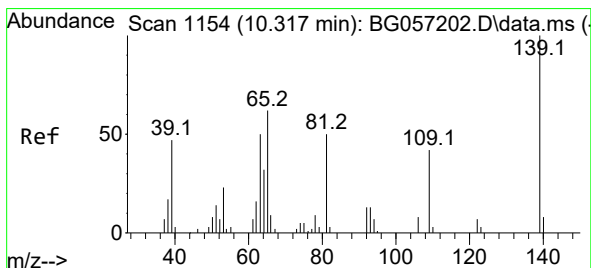
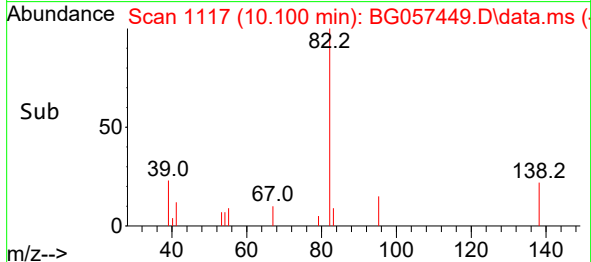
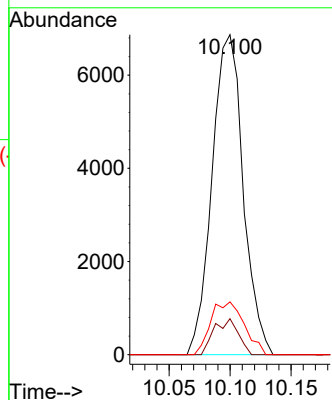
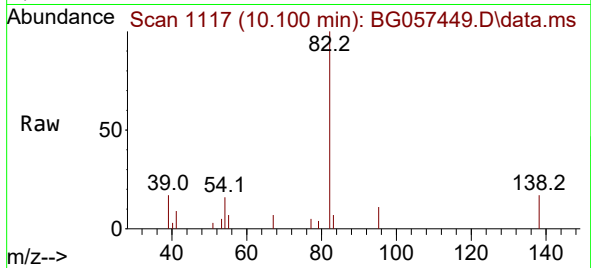




#25
Isophorone
Concen: 3.877 ng
RT: 10.100 min Scan# 1117
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

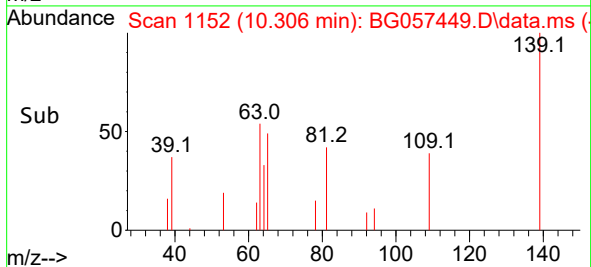
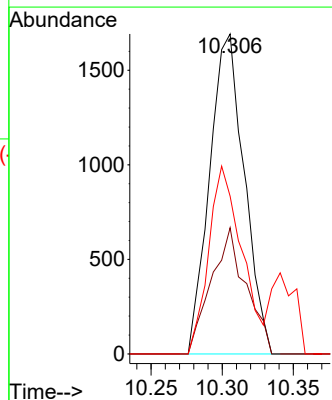
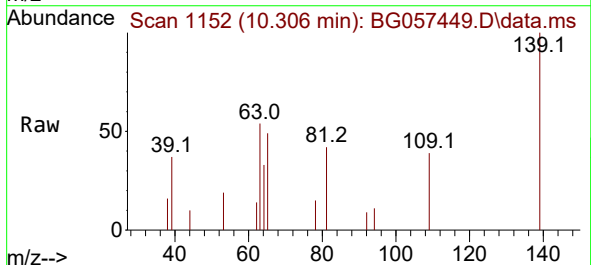
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

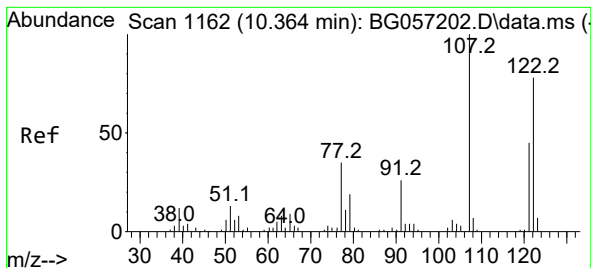
Tgt Ion: 82 Resp: 12193
Ion Ratio Lower Upper
82 100
95 11.3 6.4 9.6#
138 16.5 12.3 18.5



#26
2-Nitrophenol
Concen: 4.578 ng
RT: 10.306 min Scan# 1152
Delta R.T. 0.004 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:139 Resp: 2869
Ion Ratio Lower Upper
139 100
109 39.4 33.4 50.2
65 49.3 49.8 74.6#





#27

2,4-Dimethylphenol

Concen: 4.334 ng

RT: 10.341 min Scan# 1158

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

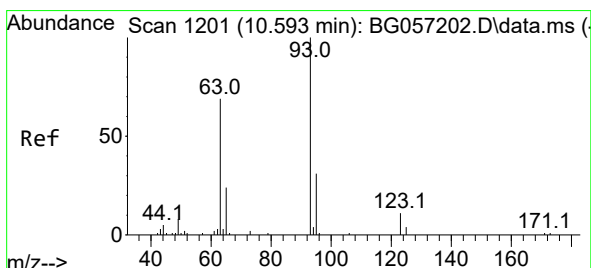
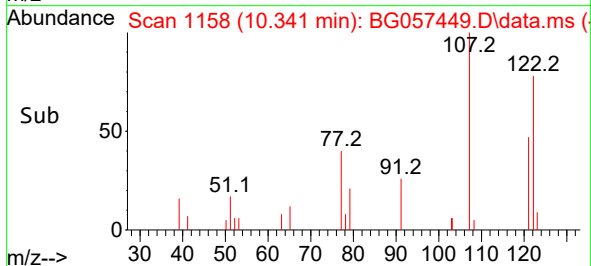
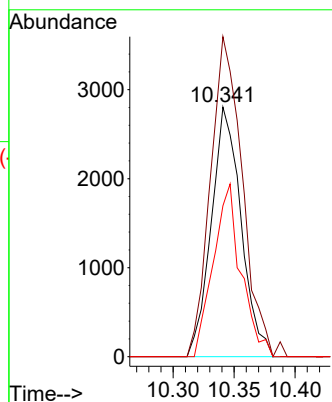
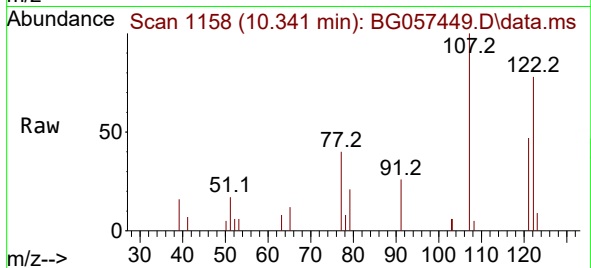
Tgt Ion:122 Resp: 4756

Ion Ratio Lower Upper

122 100

107 128.2 103.0 154.4

121 60.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 4.168 ng

RT: 10.576 min Scan# 1198

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

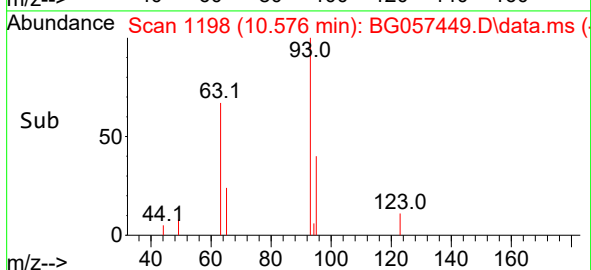
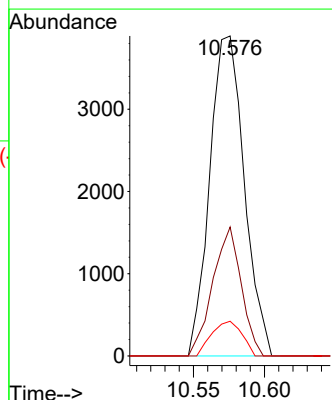
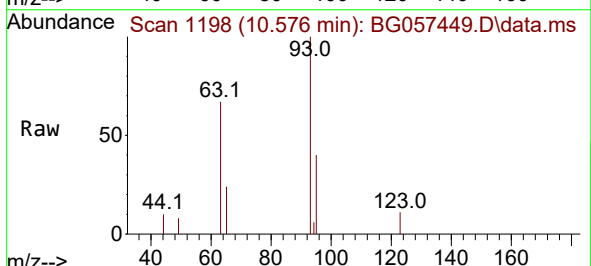
Tgt Ion: 93 Resp: 6567

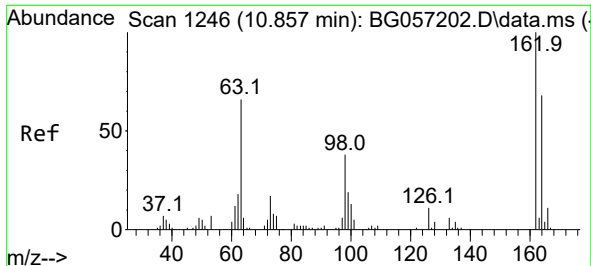
Ion Ratio Lower Upper

93 100

95 40.3 25.0 37.6#

123 10.8 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 4.965 ng

RT: 10.846 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

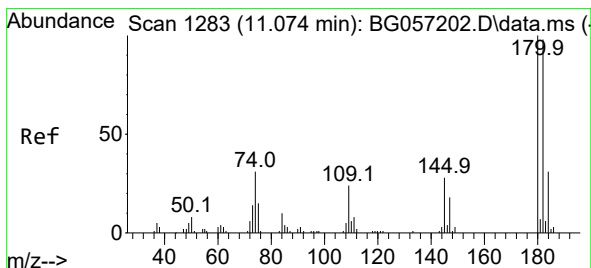
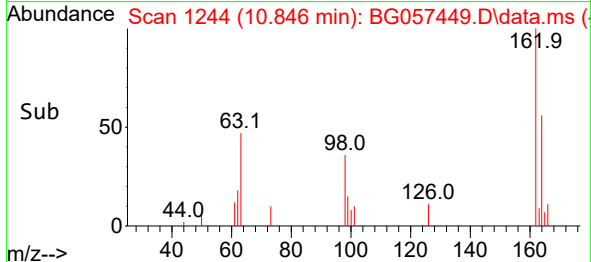
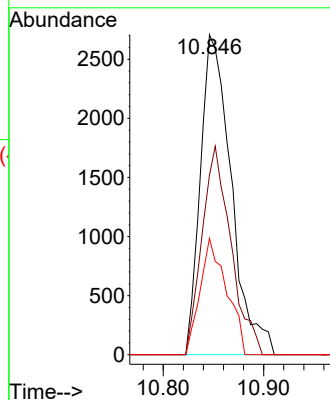
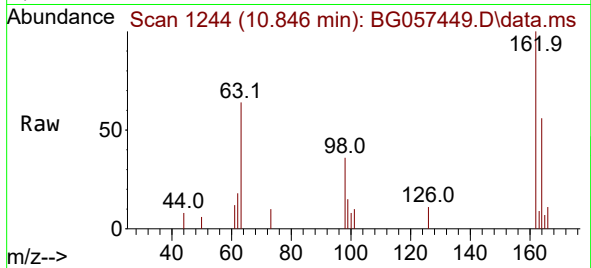
Tgt Ion:162 Resp: 5778

Ion Ratio Lower Upper

162 100

164 56.1 48.4 88.4

98 36.4 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 4.427 ng

RT: 11.057 min Scan# 1280

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

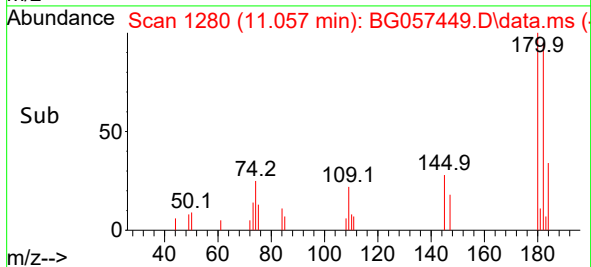
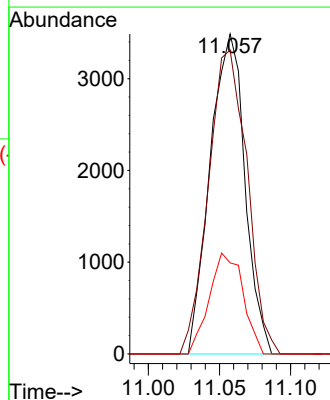
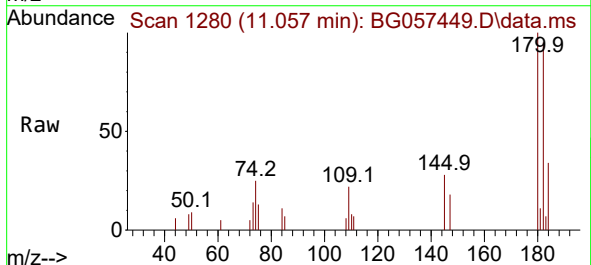
Tgt Ion:180 Resp: 5942

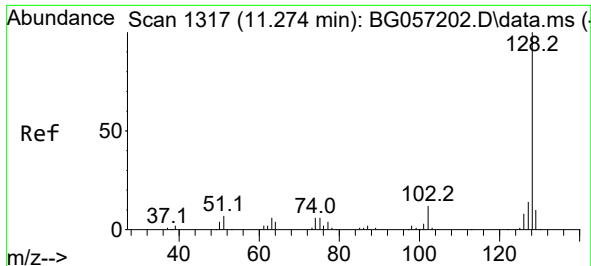
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 28.5 22.4 33.6

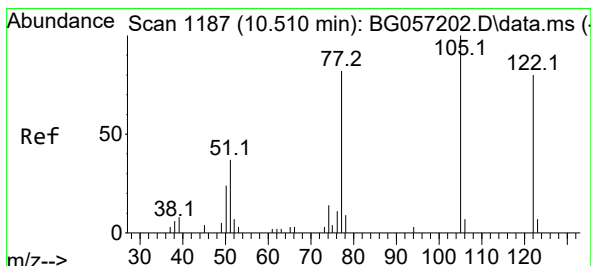
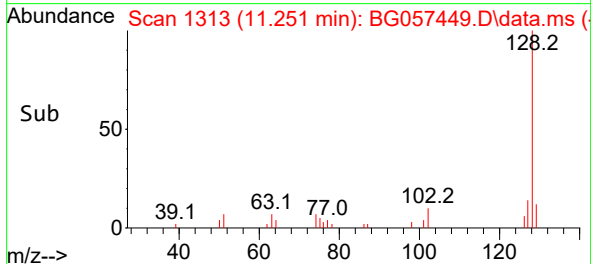
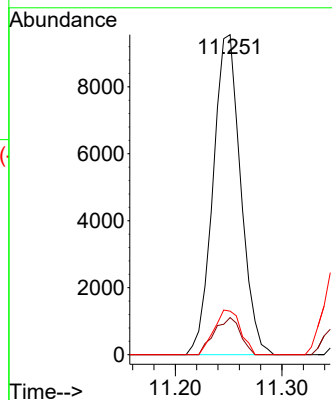
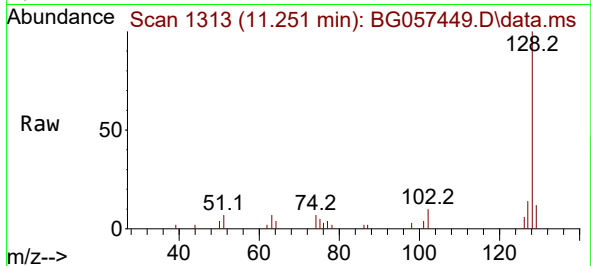




#31
Naphthalene
Concen: 4.713 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

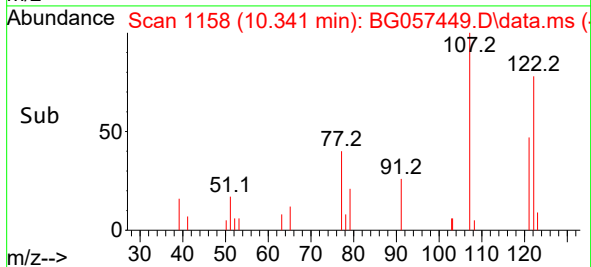
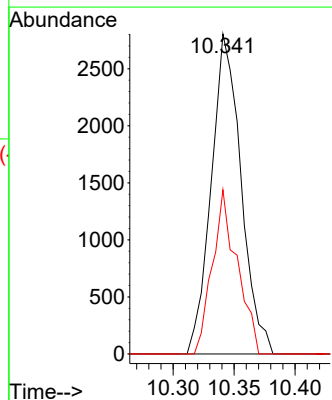
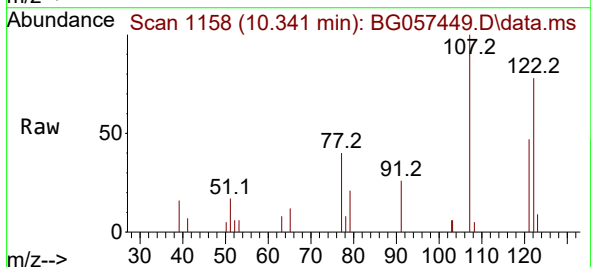
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

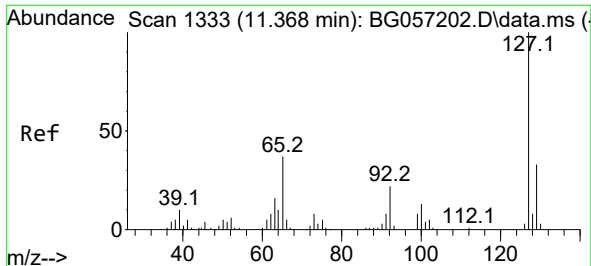
Tgt Ion:128 Resp: 17153
Ion Ratio Lower Upper
128 100
129 11.6 8.3 12.5
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 11.495 ng
RT: 10.341 min Scan# 1158
Delta R.T. -0.149 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:122 Resp: 4756
Ion Ratio Lower Upper
122 100
105 0.0 105.2 145.2#
77 51.3 83.1 123.1#

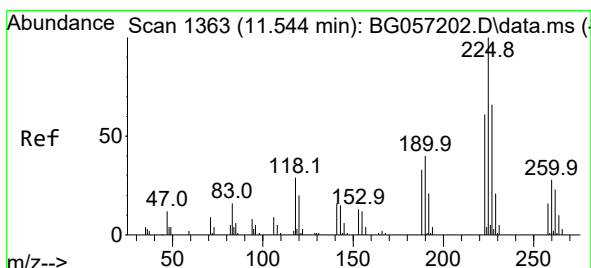
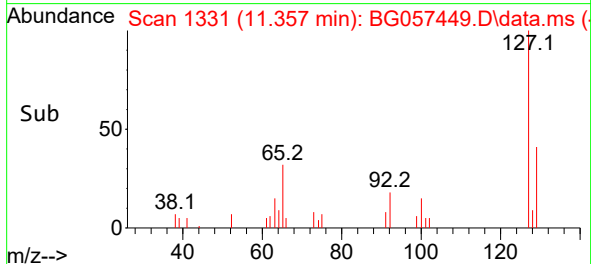
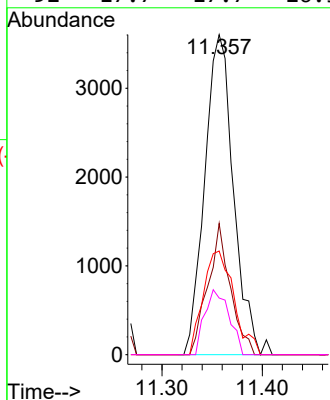
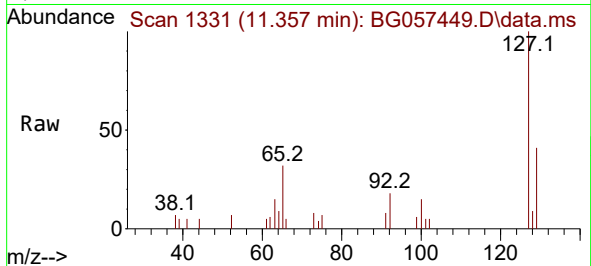




#33
4-Chloroaniline
Concen: 4.395 ng
RT: 11.357 min Scan# 1135
Delta R.T. 0.004 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

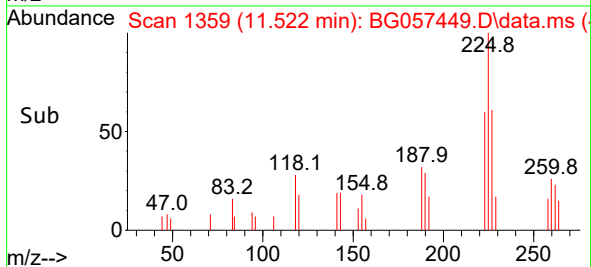
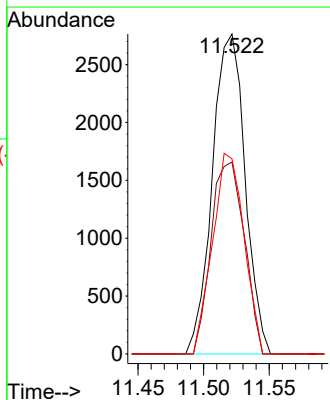
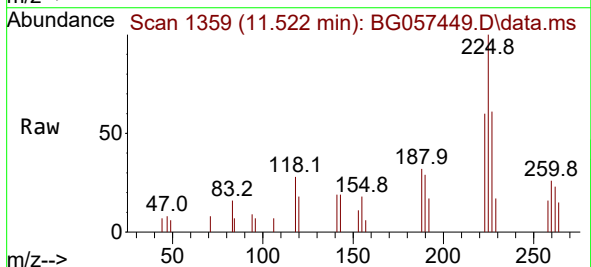
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

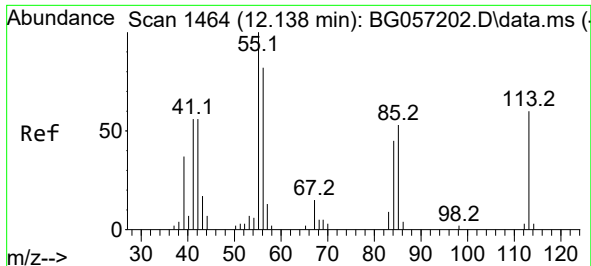
Tgt Ion:127	Resp:	7183
Ion	Ratio	Lower Upper
127	100	
129	41.0	26.7 40.1#
65	32.4	29.7 44.5
92	17.7	17.7 26.5#



#34
Hexachlorobutadiene
Concen: 4.815 ng
RT: 11.522 min Scan# 1359
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:225	Resp:	4796
Ion	Ratio	Lower Upper
225	100	
223	60.0	48.6 72.8
227	61.0	52.7 79.1

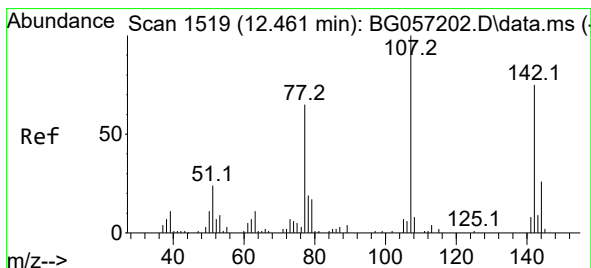
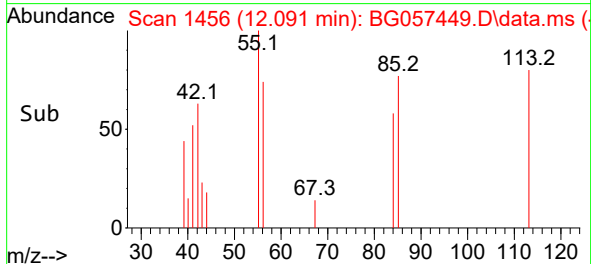
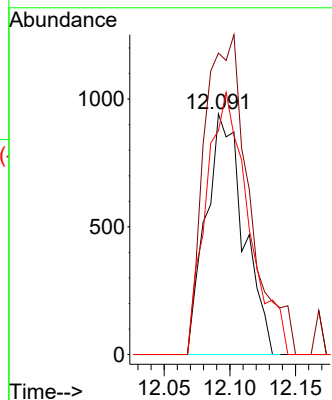
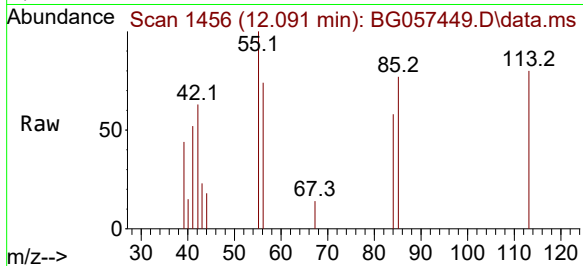




#35
Caprolactam
Concen: 4.729 ng
RT: 12.091 min Scan# 1464
Delta R.T. -0.038 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

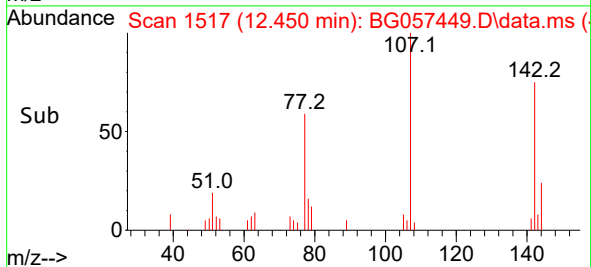
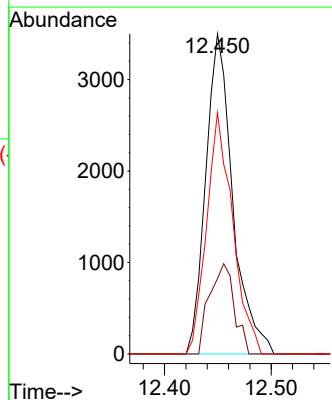
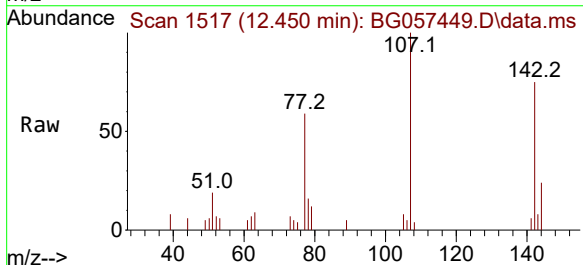
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

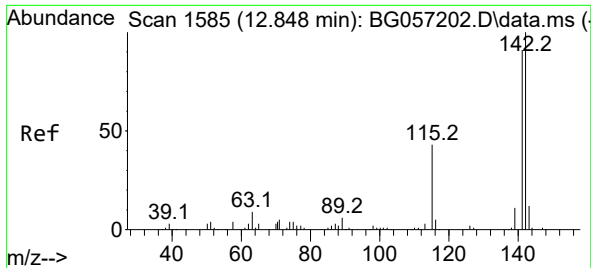
Tgt Ion:113 Resp: 1880
Ion Ratio Lower Upper
113 100
55 125.3 145.5 185.5#
56 93.0 115.9 155.9#



#36
4-Chloro-3-methylphenol
Concen: 4.655 ng
RT: 12.450 min Scan# 1517
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:107 Resp: 6157
Ion Ratio Lower Upper
107 100
144 23.6 21.0 31.6
142 75.5 60.0 90.0





#37

2-Methylnaphthalene

Concen: 4.564 ng

RT: 12.826 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

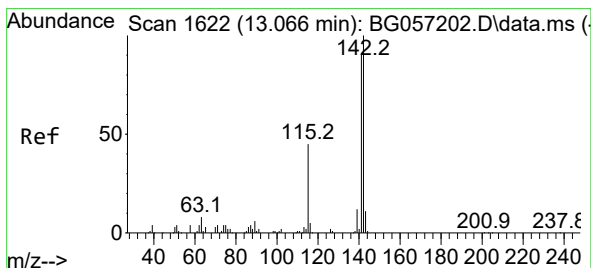
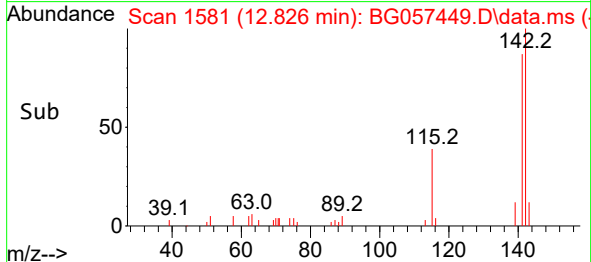
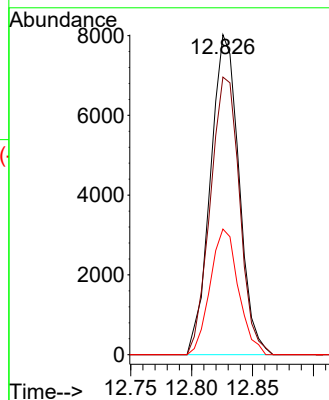
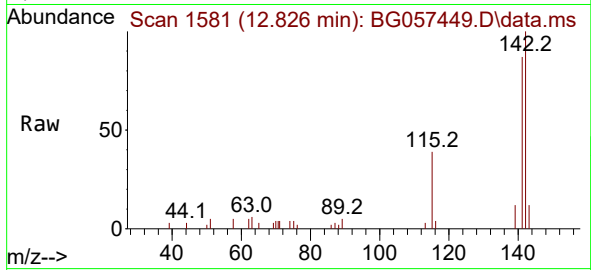
Tgt Ion:142 Resp: 13059

Ion Ratio Lower Upper

142 100

141 86.8 73.1 109.7

115 39.3 34.6 52.0



#38

1-Methylnaphthalene

Concen: 4.643 ng

RT: 13.043 min Scan# 1618

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

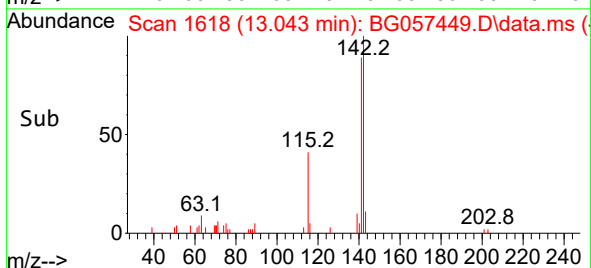
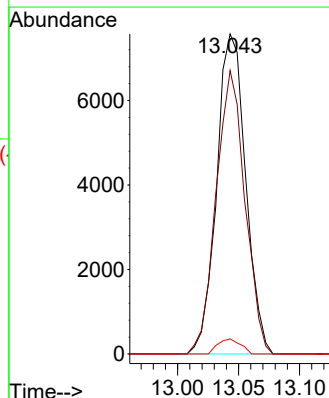
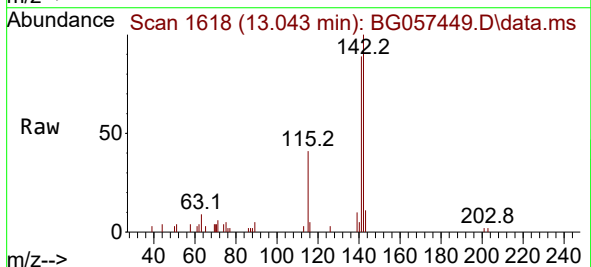
Tgt Ion:142 Resp: 12524

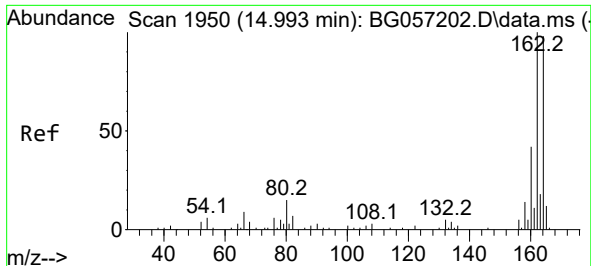
Ion Ratio Lower Upper

142 100

141 88.5 72.5 108.7

116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.976 min Scan# 1947

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

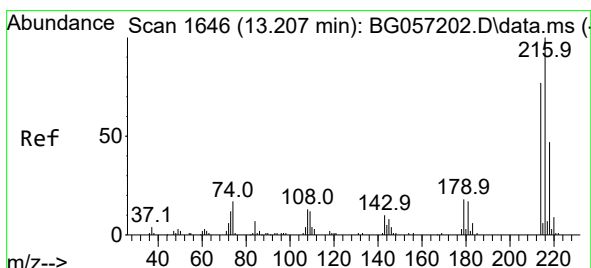
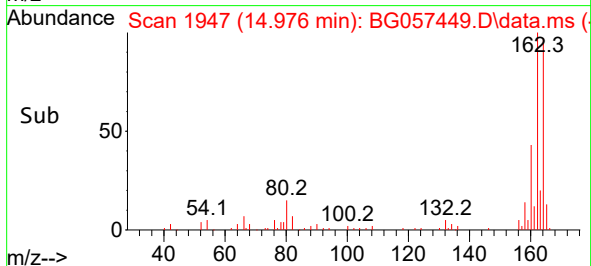
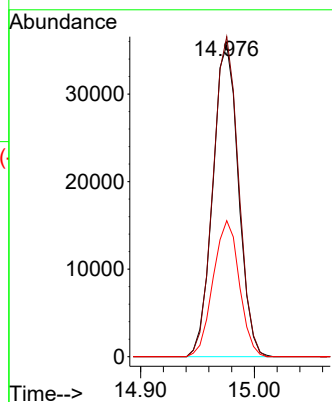
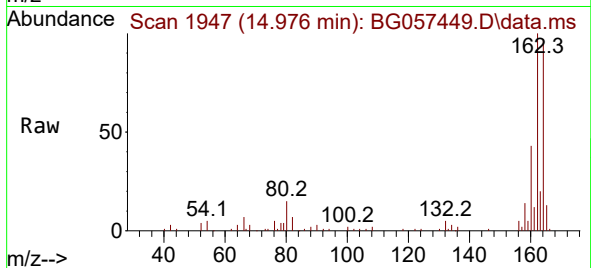
Tgt Ion:164 Resp: 55780

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 43.6 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.940 ng

RT: 13.190 min Scan# 1643

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Tgt Ion:216 Resp: 9782

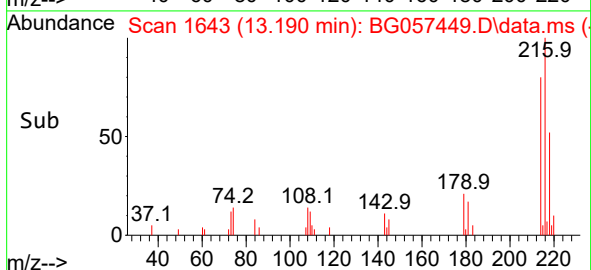
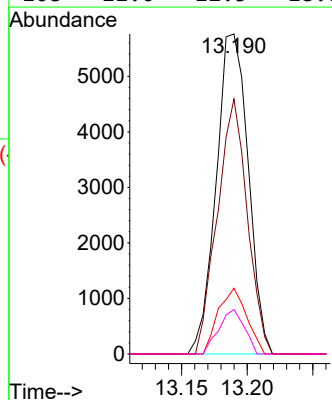
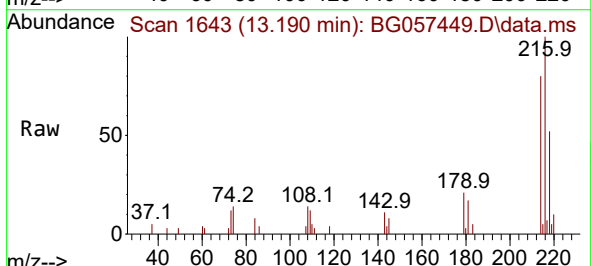
Ion Ratio Lower Upper

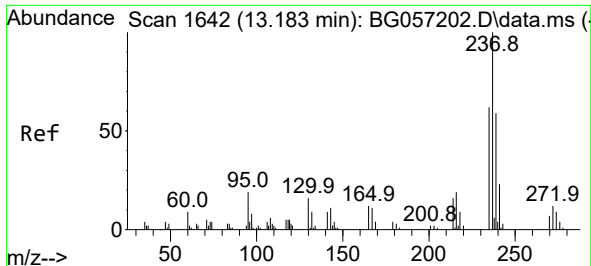
216 100

214 74.2 63.7 95.5

179 18.2 14.6 22.0

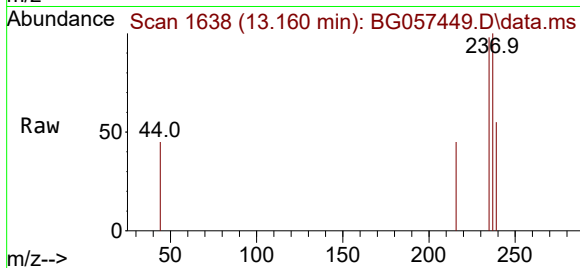
108 11.0 12.5 18.7#



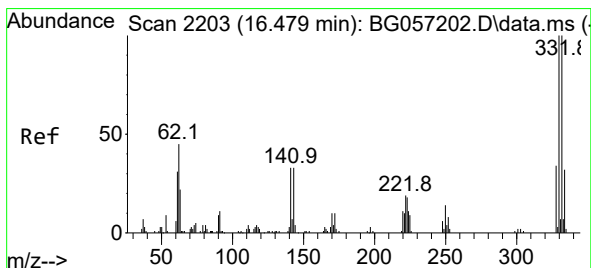
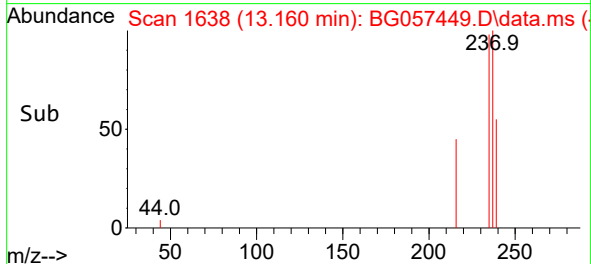
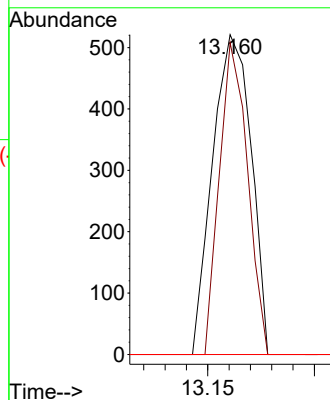


#41
Hexachlorocyclopentadiene
Concen: 6.928 ng
RT: 13.160 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

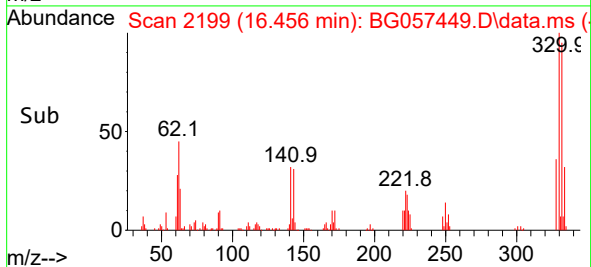
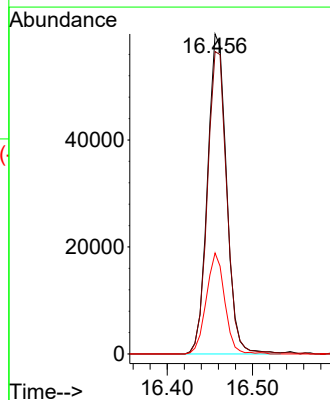
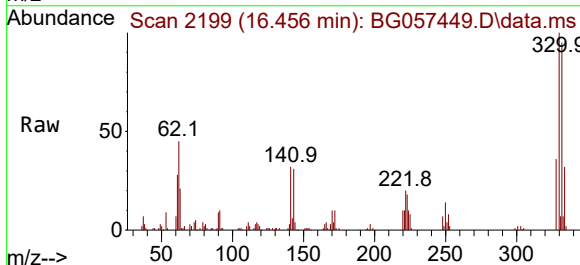


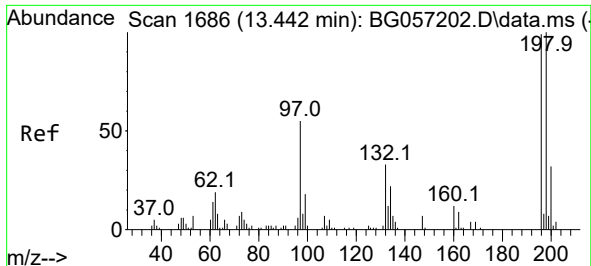
Tgt Ion:237 Resp: 654
Ion Ratio Lower Upper
237 100
235 97.5 42.0 82.0#
272 0.0 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 116.981 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:330 Resp: 92586
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 30.6 27.8 41.8

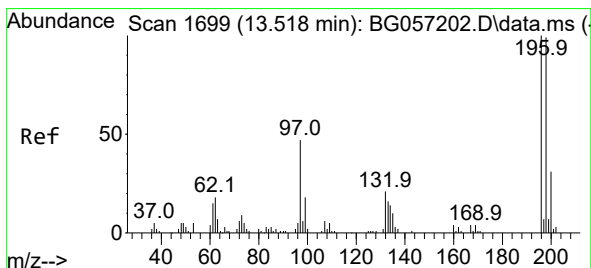
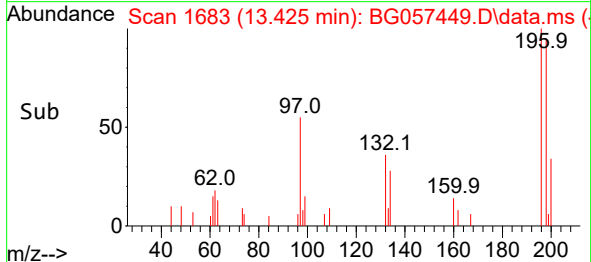
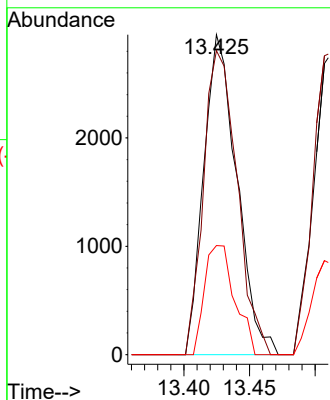
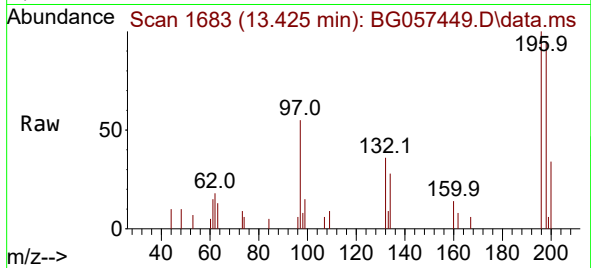




#43
2,4,6-Trichlorophenol
Concen: 4.292 ng
RT: 13.425 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

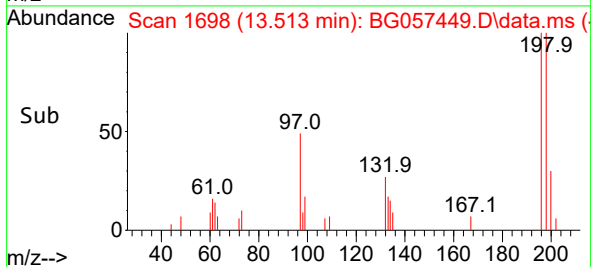
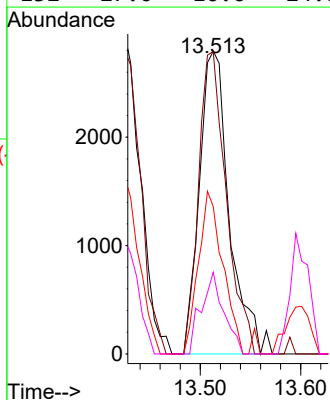
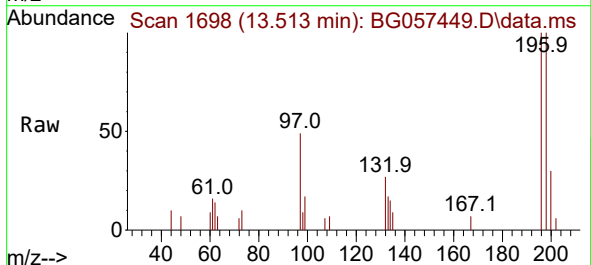
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

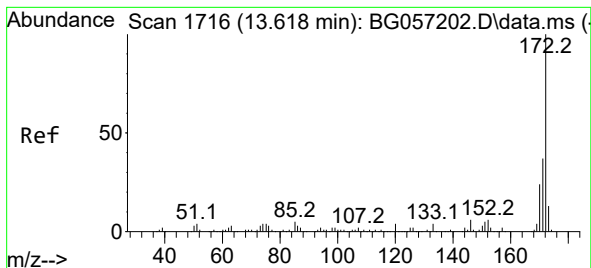
Tgt Ion:196 Resp: 5178
Ion Ratio Lower Upper
196 100
198 95.0 81.2 121.8
200 34.1 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 4.095 ng
RT: 13.513 min Scan# 1698
Delta R.T. 0.009 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:196 Resp: 5811
Ion Ratio Lower Upper
196 100
198 99.9 79.4 119.2
97 48.6 37.0 55.4
132 27.0 16.6 24.8#





#45

2-Fluorobiphenyl

Concen: 77.916 ng

RT: 13.601 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

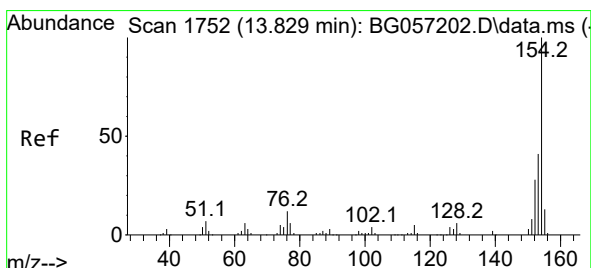
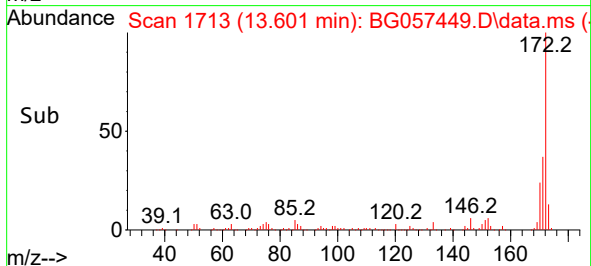
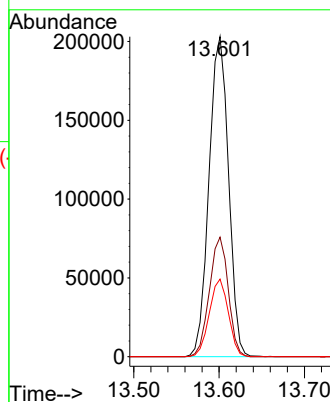
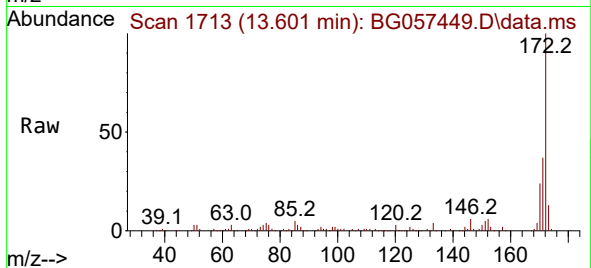
Tgt Ion:172 Resp: 322701

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

170 24.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 4.801 ng

RT: 13.813 min Scan# 1749

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

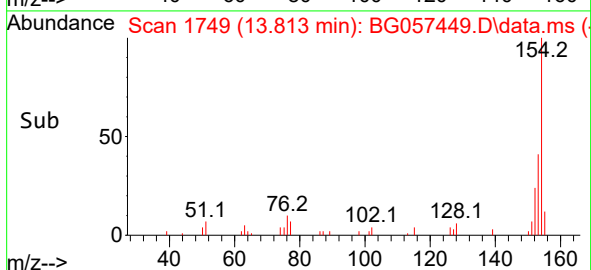
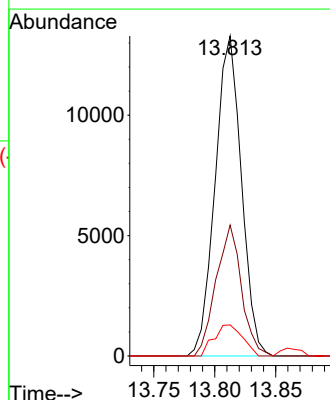
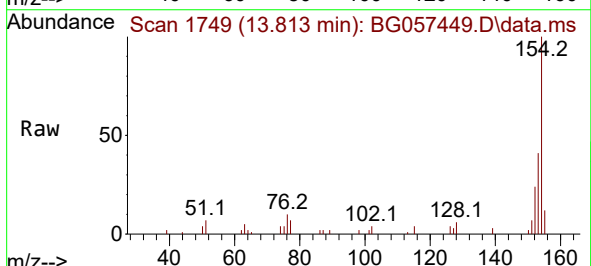
Tgt Ion:154 Resp: 19870

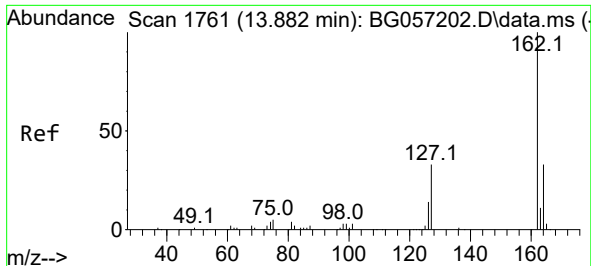
Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

76 9.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 4.672 ng

RT: 13.865 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

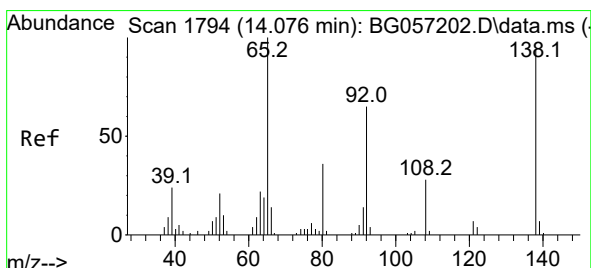
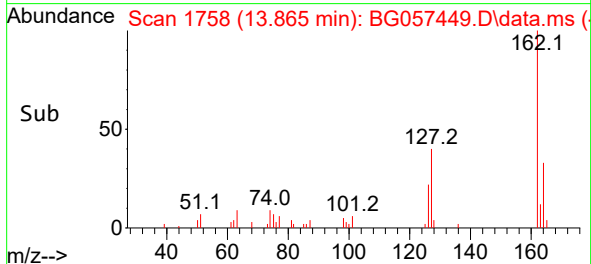
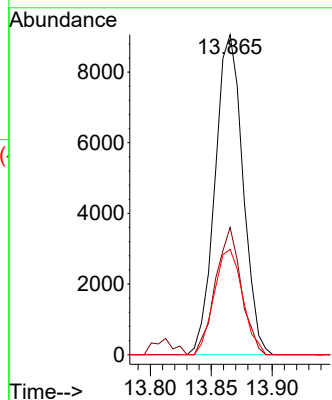
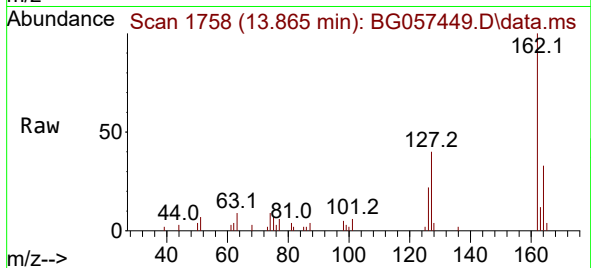
Tgt Ion:162 Resp: 14380

Ion Ratio Lower Upper

162 100

127 39.7 29.8 44.6

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 3.897 ng

RT: 14.065 min Scan# 1792

Delta R.T. 0.004 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

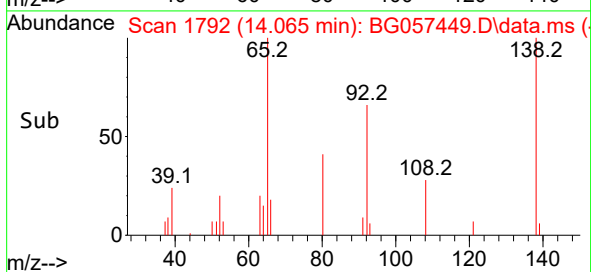
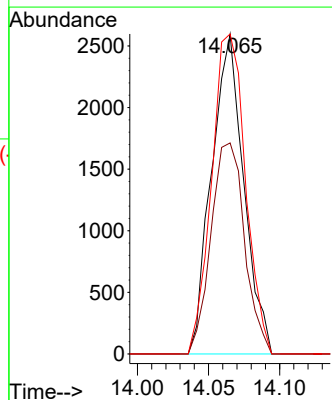
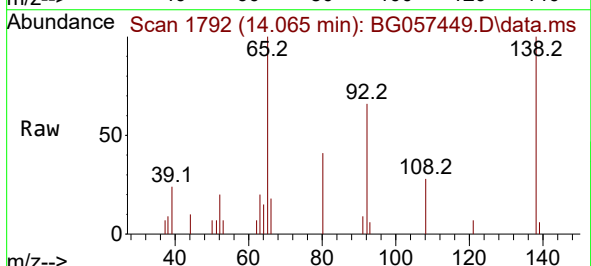
Tgt Ion: 65 Resp: 4078

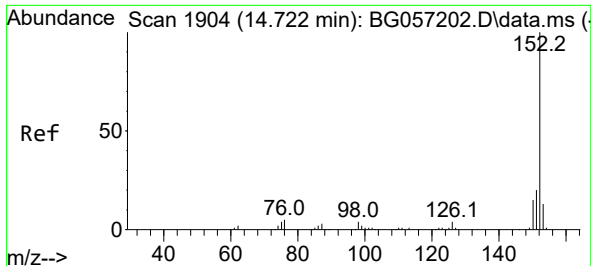
Ion Ratio Lower Upper

65 100

92 66.0 52.1 78.1

138 100.1 75.3 112.9

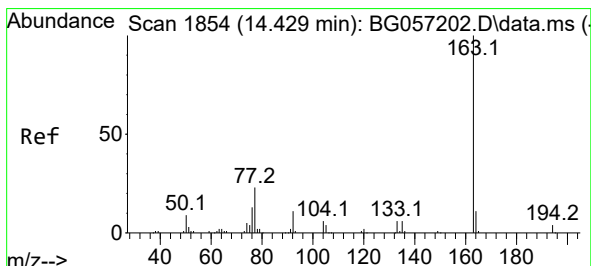
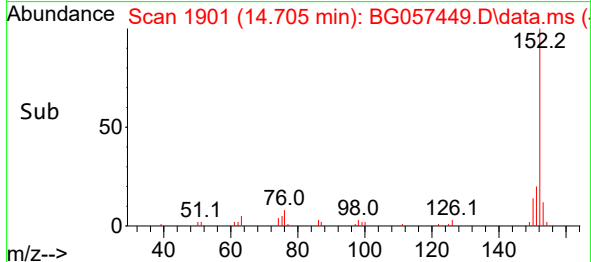
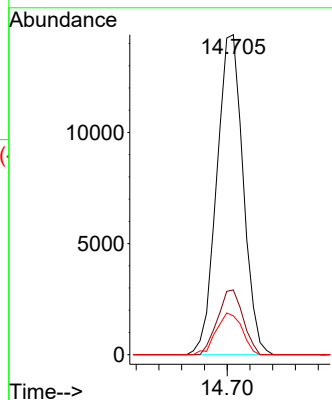
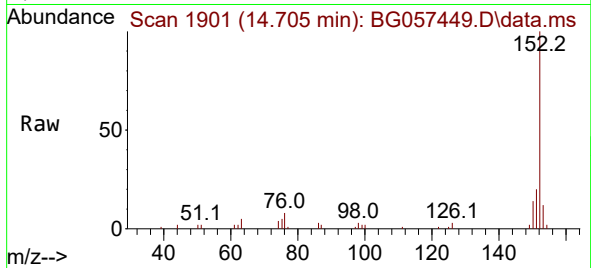




#49
Acenaphthylene
Concen: 4.638 ng
RT: 14.705 min Scan# 1901
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

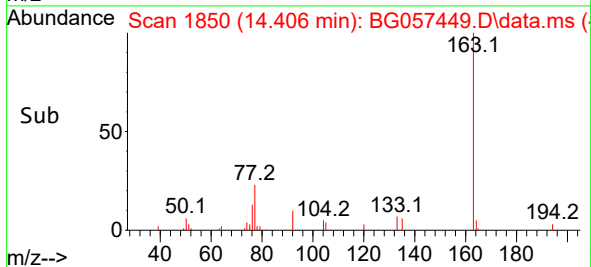
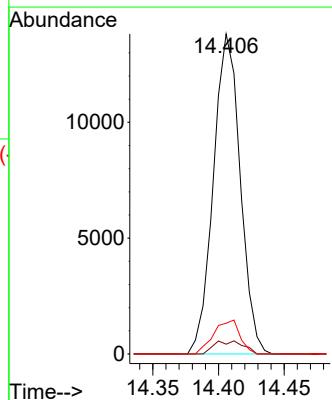
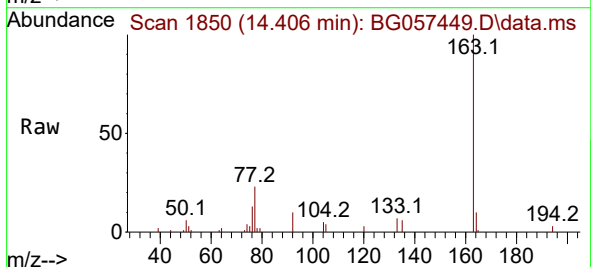
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT2-2023

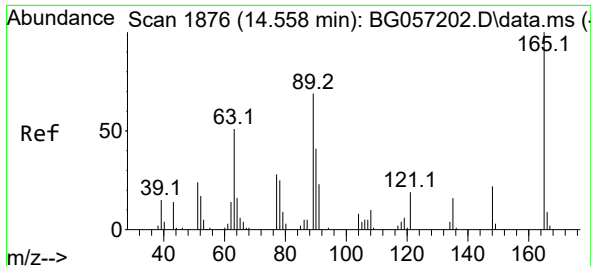
Tgt Ion:152 Resp: 23191
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.1 10.7 16.1



#50
Dimethylphthalate
Concen: 4.288 ng
RT: 14.406 min Scan# 1850
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:163 Resp: 19655
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.2#
164 9.6 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 4.321 ng

RT: 14.541 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

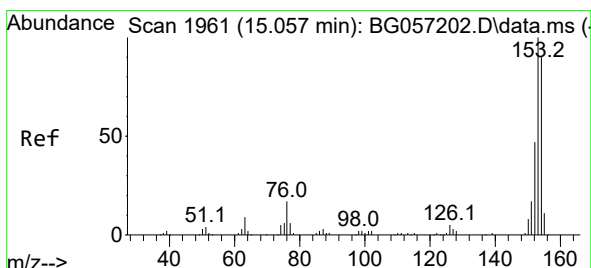
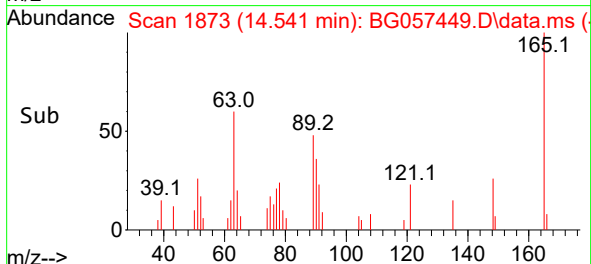
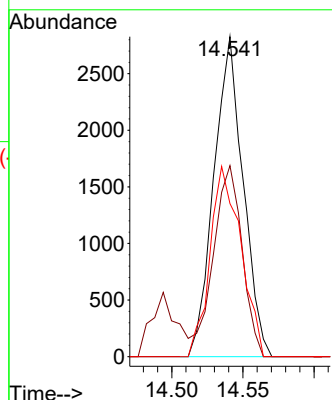
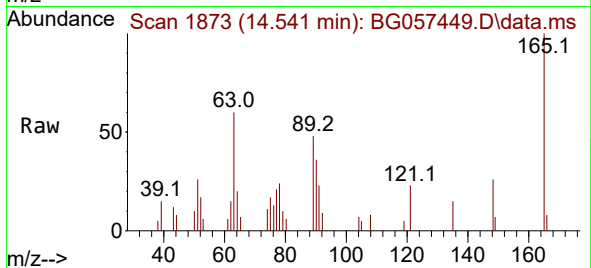
Tgt Ion:165 Resp: 4044

Ion Ratio Lower Upper

165 100

63 59.7 50.9 76.3

89 47.8 55.2 82.8#



#52

Acenaphthene

Concen: 4.537 ng

RT: 15.040 min Scan# 1958

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

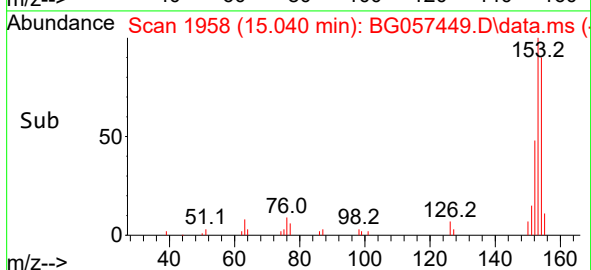
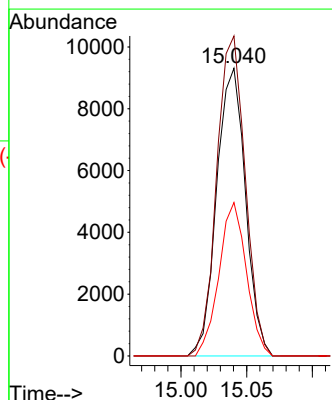
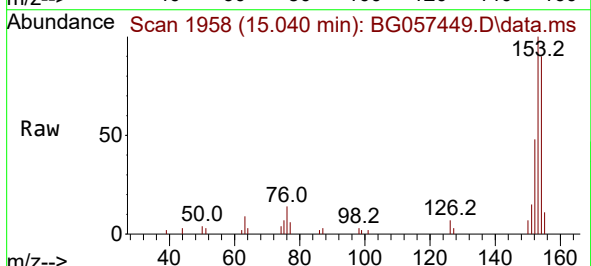
Tgt Ion:154 Resp: 14176

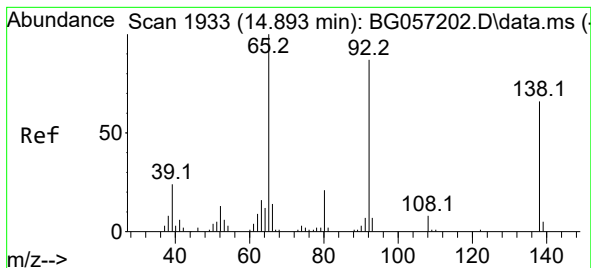
Ion Ratio Lower Upper

154 100

153 111.2 89.3 133.9

152 53.3 41.7 62.5





#53

3-Nitroaniline

Concen: 4.051 ng

RT: 14.882 min Scan# 1931

Delta R.T. -0.002 min

Lab File: BG057449.D

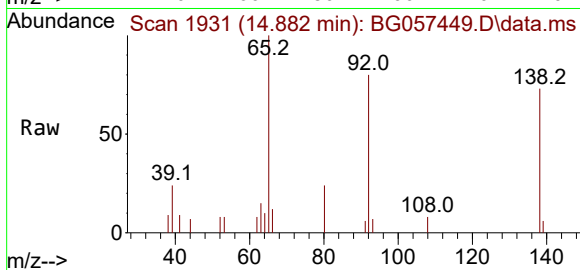
Acq: 17 May 2023 18:07

Instrument :

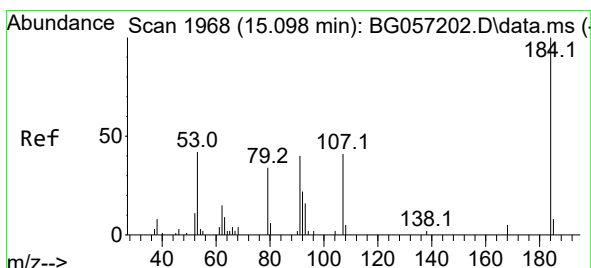
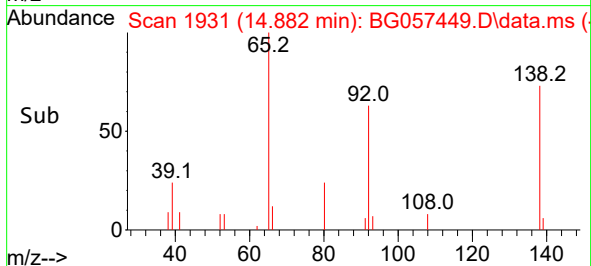
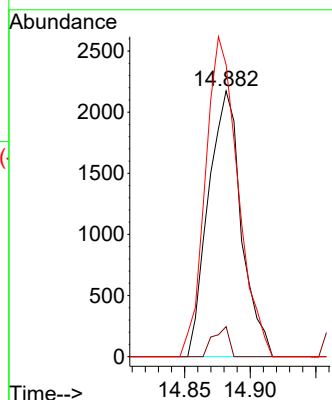
BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:138	Resp:	3798
Ion Ratio	Lower	Upper
138	100	
108	11.3	9.5 14.3
92	109.8	106.2 159.4



#54

2,4-Dinitrophenol

Concen: 5.208 ng

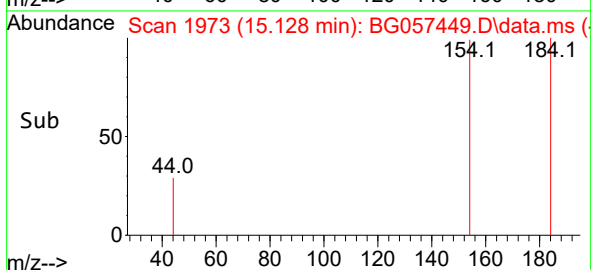
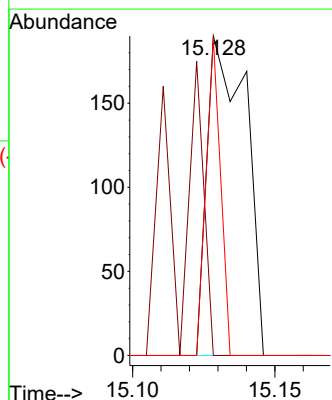
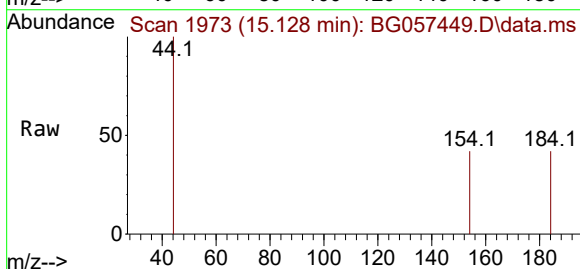
RT: 15.128 min Scan# 1973

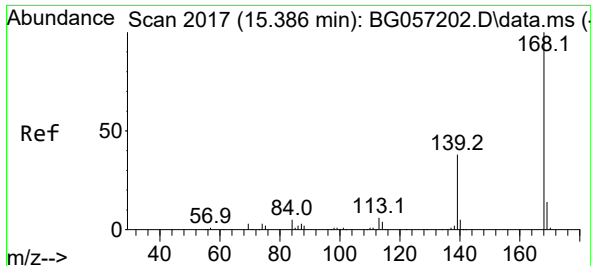
Delta R.T. 0.033 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Tgt Ion:184	Resp:	180
Ion Ratio	Lower	Upper
184	100	
63	0.0	48.2 72.4#
154	99.5	55.4 83.2#





#55

Dibenzenofuran

Concen: 4.698 ng

RT: 15.369 min Scan# 20

Delta R.T. -0.008 min

Lab File: BG057449.D

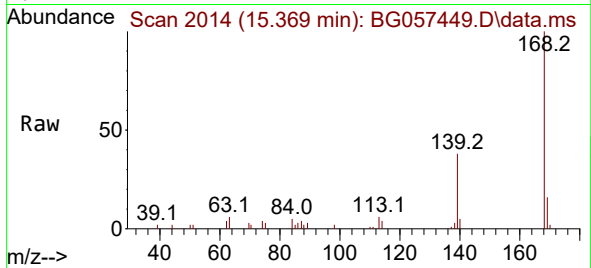
Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



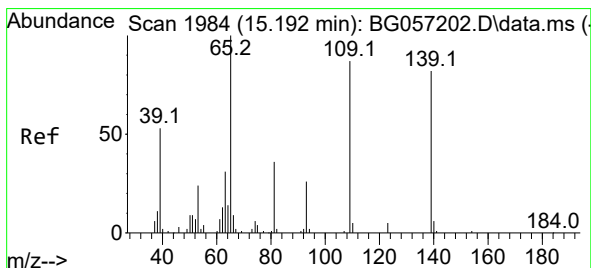
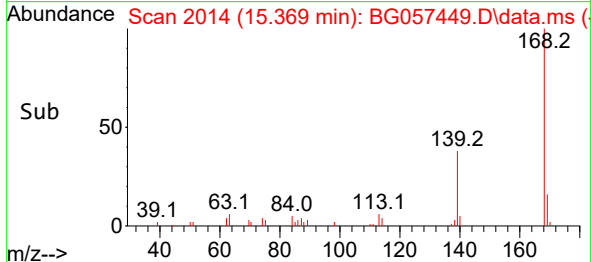
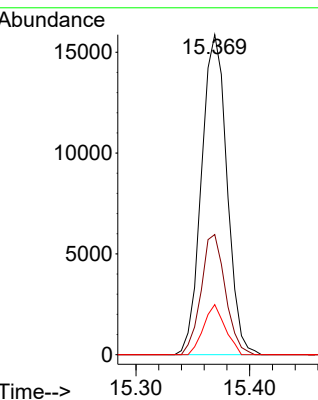
Tgt Ion:168 Resp: 24665

Ion Ratio Lower Upper

168 100

139 37.6 30.7 46.1

169 15.6 10.9 16.3



#56

4-Nitrophenol

Concen: 3.180 ng

RT: 15.205 min Scan# 1986

Delta R.T. 0.021 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

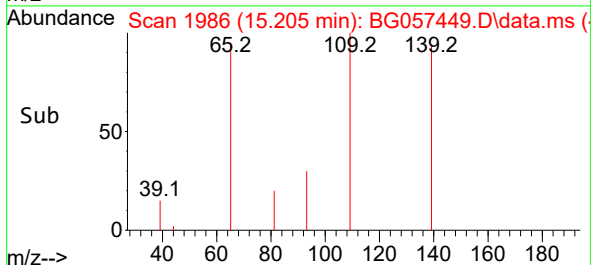
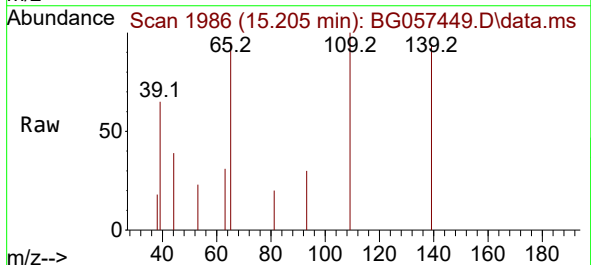
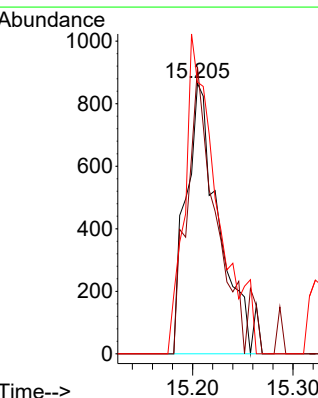
Tgt Ion:139 Resp: 1983

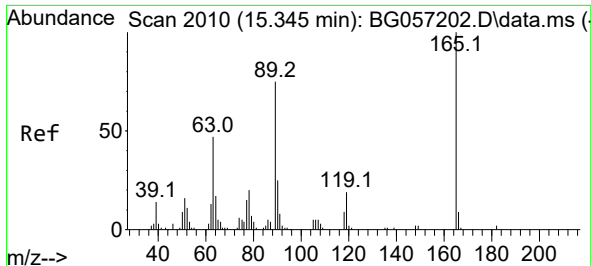
Ion Ratio Lower Upper

139 100

109 106.1 86.6 126.6

65 100.5 102.6 142.6#





#57

2,4-Dinitrotoluene

Concen: 4.230 ng

RT: 15.328 min Scan# 2010

Delta R.T. -0.008 min

Lab File: BG057449.D

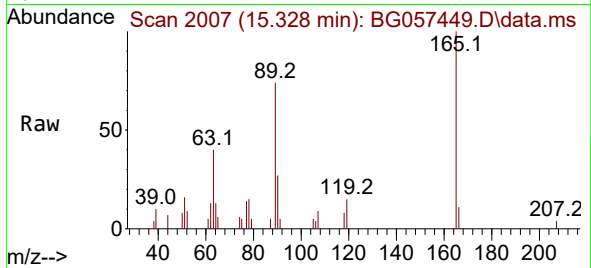
Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:165 Resp: 5658

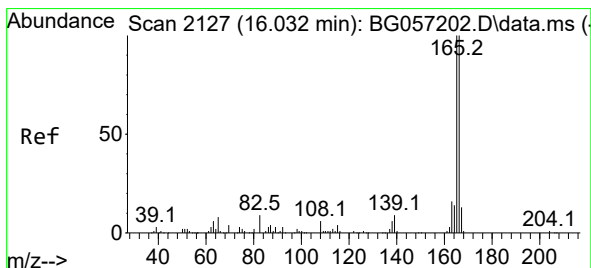
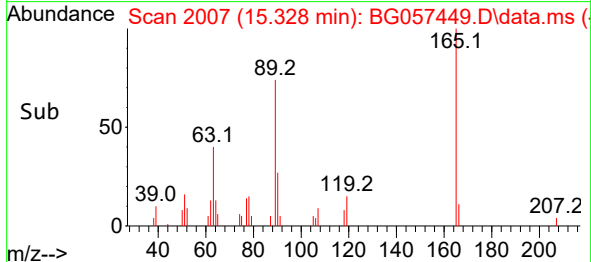
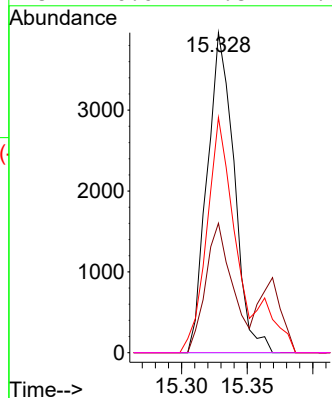
Ion Ratio Lower Upper

165 100

63 40.5 37.5 56.3

89 73.5 60.2 90.4

182 0.0 1.8 2.8#



#58

Fluorene

Concen: 4.723 ng

RT: 16.015 min Scan# 2124

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

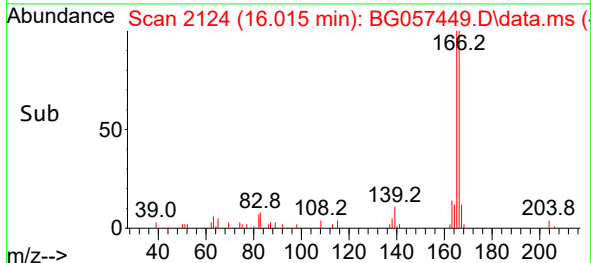
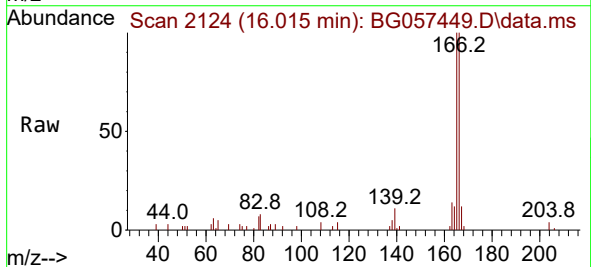
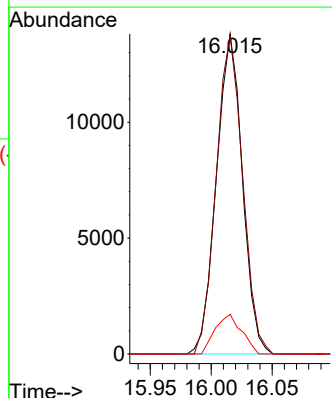
Tgt Ion:166 Resp: 20424

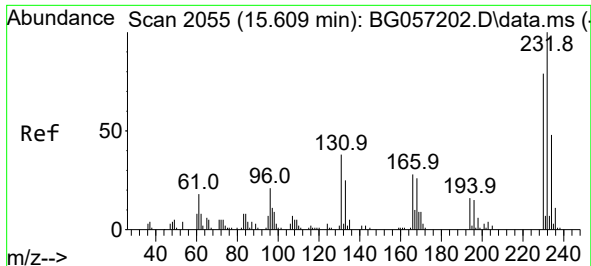
Ion Ratio Lower Upper

166 100

165 99.5 80.1 120.1

167 12.4 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.477 ng

RT: 15.598 min Scan# 2053

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:232 Resp: 5760

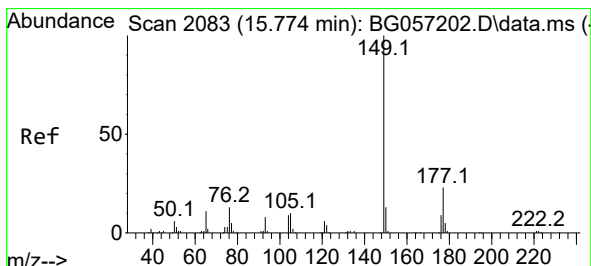
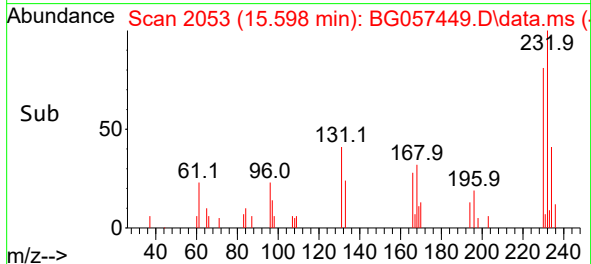
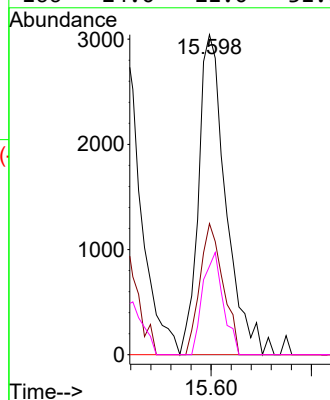
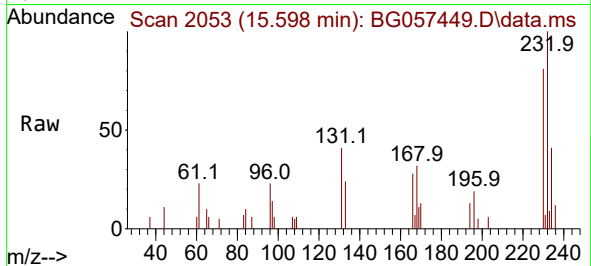
Ion Ratio Lower Upper

232 100

131 34.8 28.6 42.8

130 0.0 1.6 2.4#

166 24.0 21.0 31.6



#60

Diethylphthalate

Concen: 4.305 ng

RT: 15.751 min Scan# 2079

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

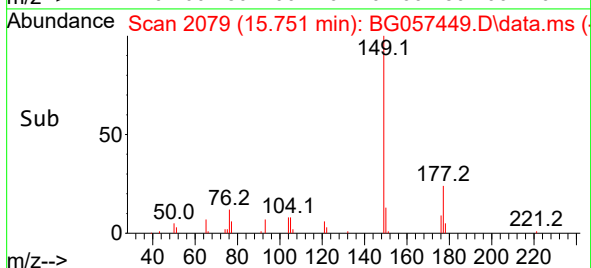
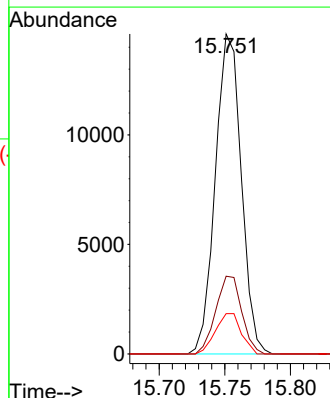
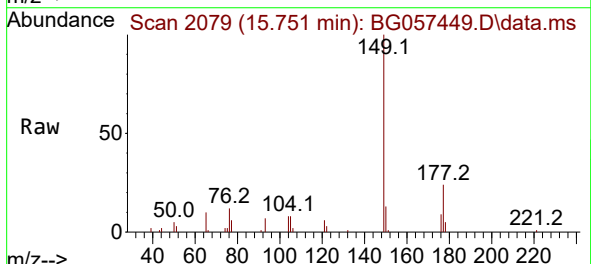
Tgt Ion:149 Resp: 20038

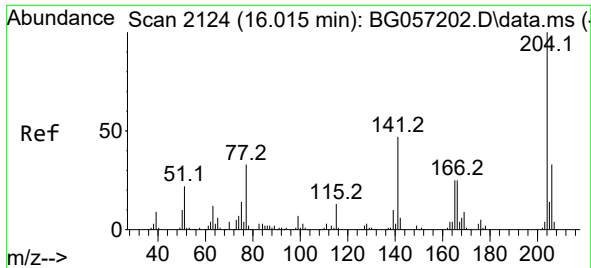
Ion Ratio Lower Upper

149 100

177 24.3 18.3 27.5

150 12.6 10.1 15.1

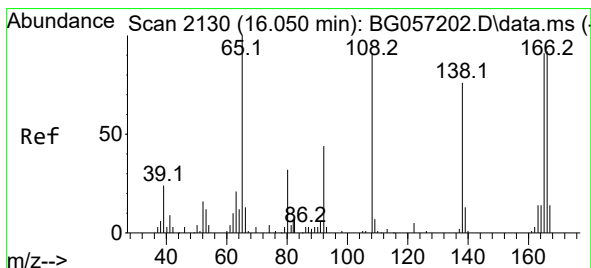
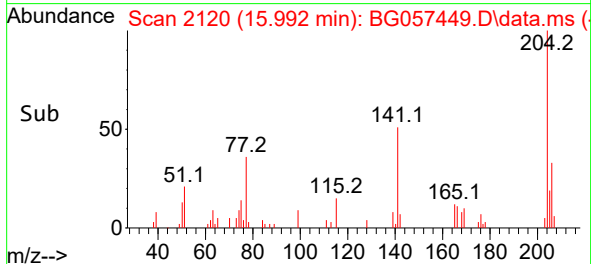
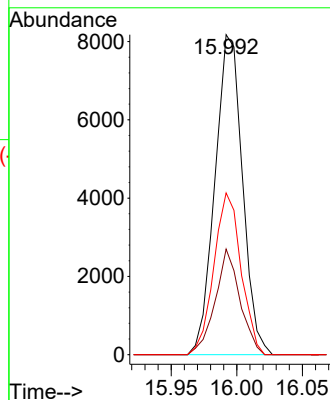
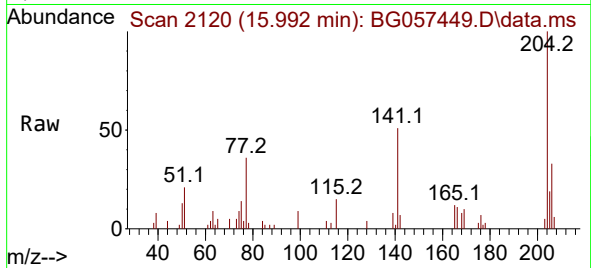




#61
4-Chlorophenyl-phenylether
Concen: 4.567 ng
RT: 15.992 min Scan# 2120
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

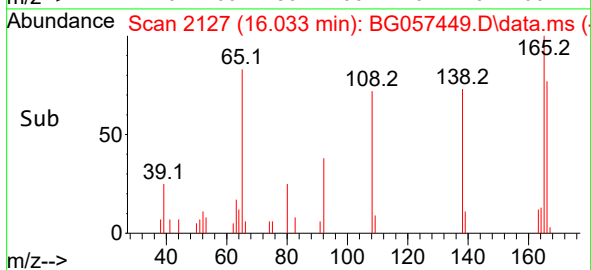
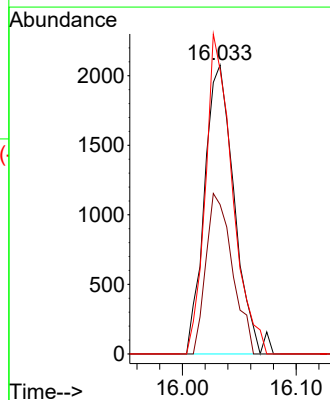
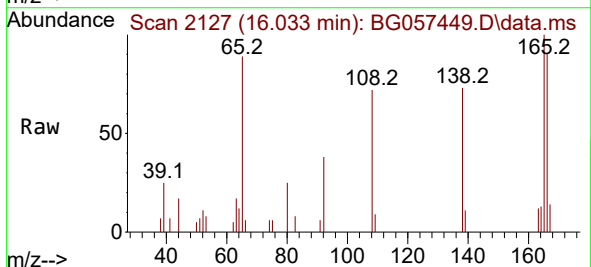
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

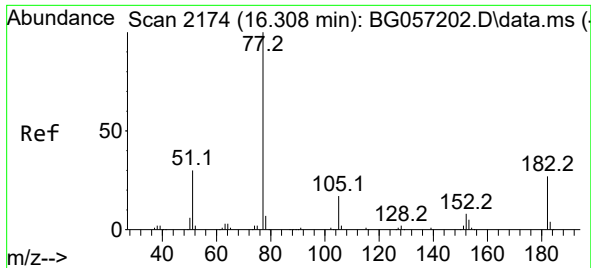
Tgt Ion:204 Resp: 11897
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 50.6 37.4 56.0



#62
4-Nitroaniline
Concen: 3.989 ng
RT: 16.033 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:138 Resp: 3773
Ion Ratio Lower Upper
138 100
92 51.7 38.2 78.2
108 98.5 99.6 139.6#

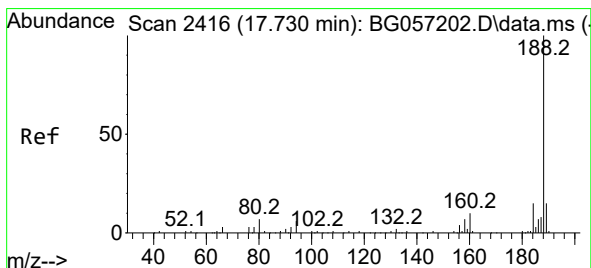
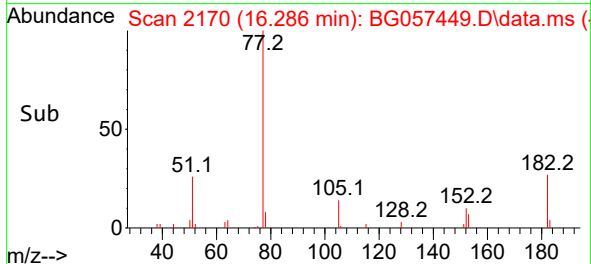
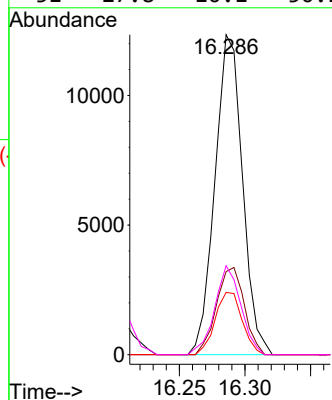
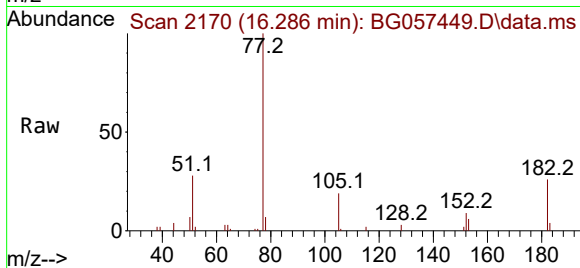




#63
Azobenzene
Concen: 4.008 ng
RT: 16.286 min Scan# 2174
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

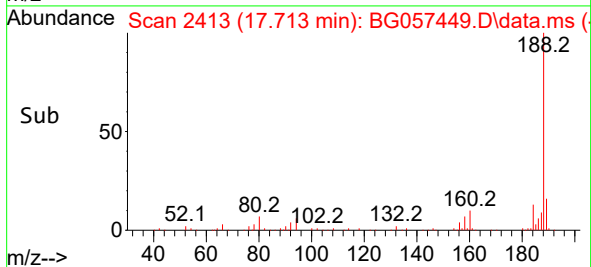
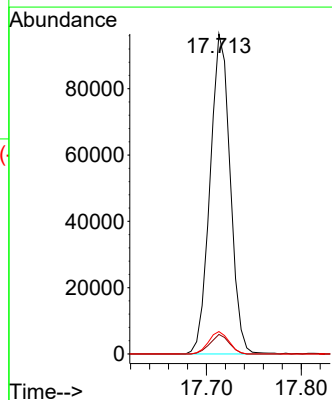
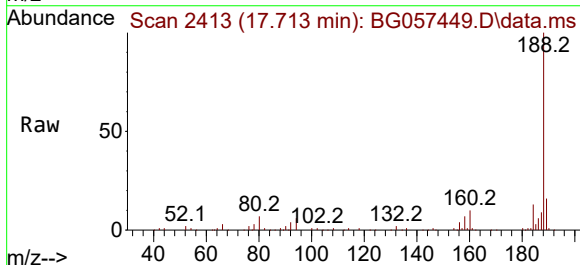
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

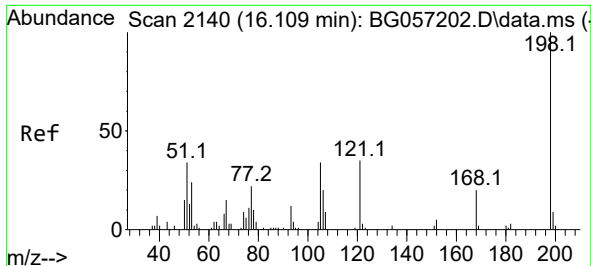
Tgt Ion: 77	Resp: 18003
Ion Ratio	Lower Upper
77 100	
182 25.9	7.4 47.4
105 19.5	0.0 37.2
51 27.8	10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2413
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion: 188	Resp: 142057
Ion Ratio	Lower Upper
188 100	
94 6.1	5.1 7.7
80 7.0	5.7 8.5

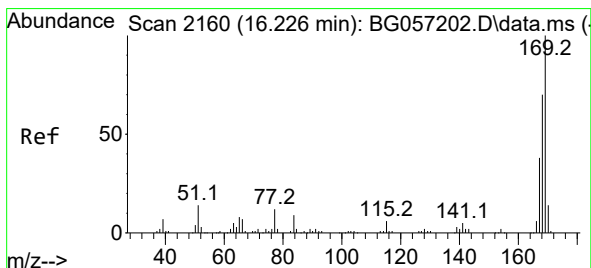
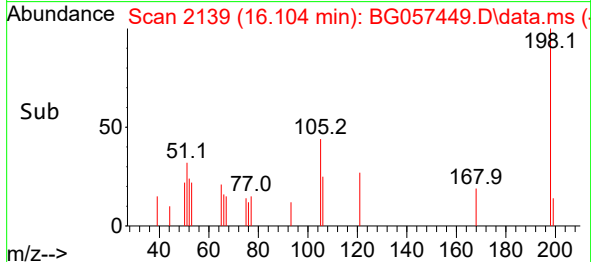
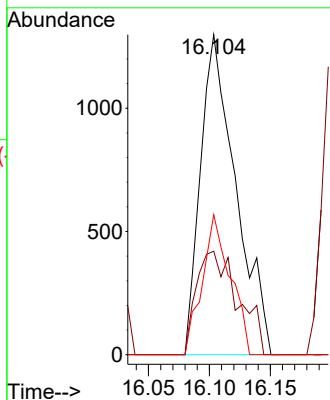
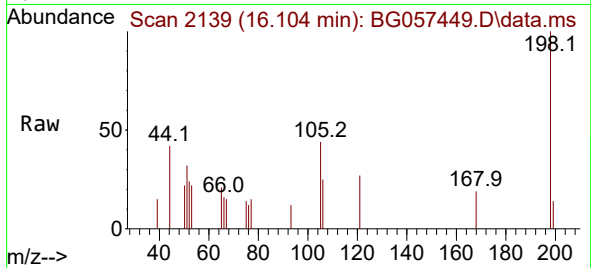




#65
4,6-Dinitro-2-methylphenol
Concen: 3.091 ng
RT: 16.104 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

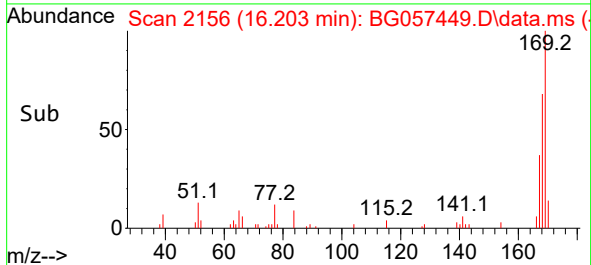
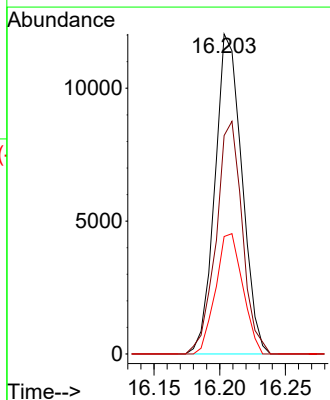
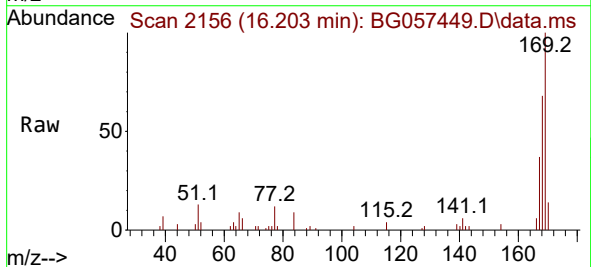
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

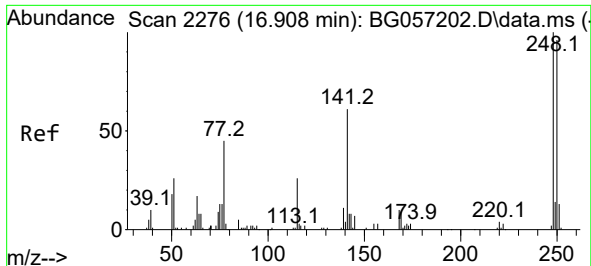
Tgt Ion:198 Resp: 2622
Ion Ratio Lower Upper
198 100
51 32.3 16.1 56.1
105 43.7 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 4.447 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:169 Resp: 17159
Ion Ratio Lower Upper
169 100
168 68.3 56.2 84.4
167 36.7 30.2 45.4

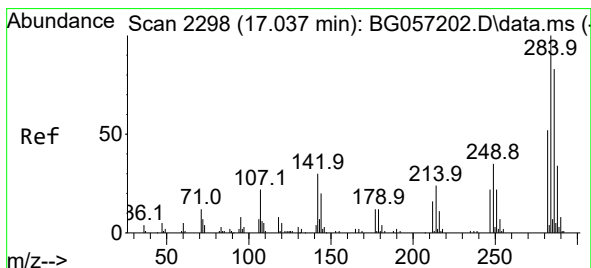
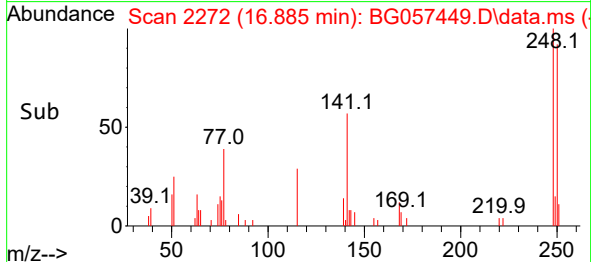
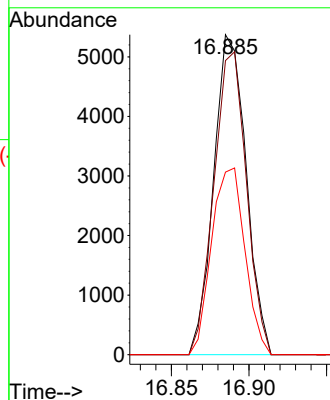
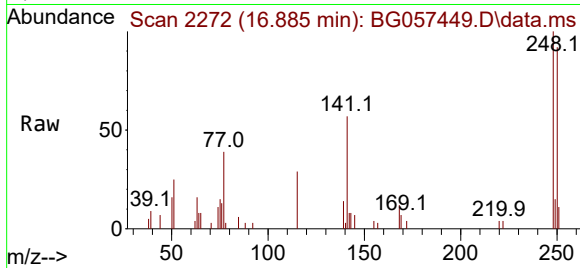




#67
4-Bromophenyl-phenylether
Concen: 4.502 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

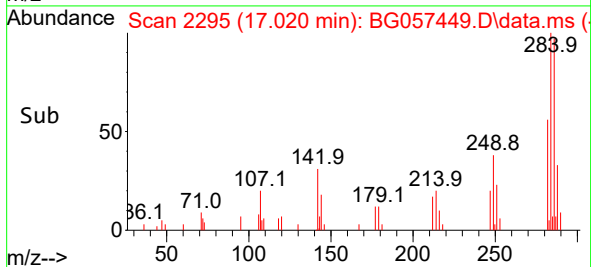
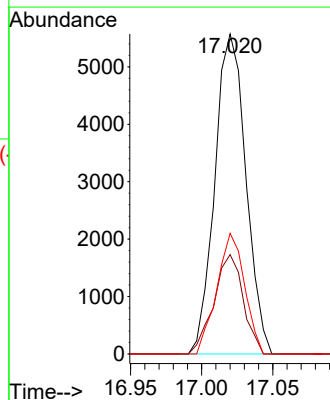
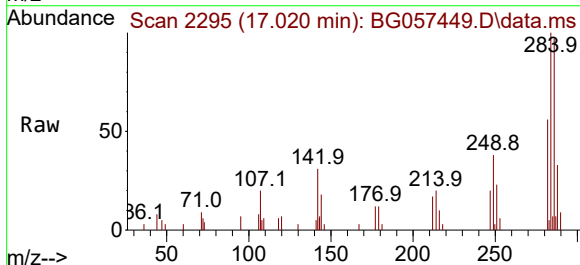
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

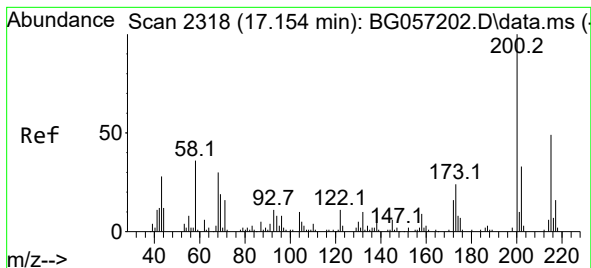
Tgt Ion:248 Resp: 7807
Ion Ratio Lower Upper
248 100
250 91.9 77.0 115.6
141 57.0 48.6 72.8



#68
Hexachlorobenzene
Concen: 5.026 ng
RT: 17.020 min Scan# 2295
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:284 Resp: 8470
Ion Ratio Lower Upper
284 100
142 31.1 23.9 35.9
249 37.7 27.7 41.5





#69

Atrazine

Concen: 4.938 ng

RT: 17.137 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

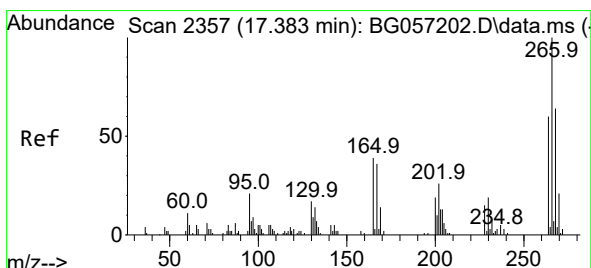
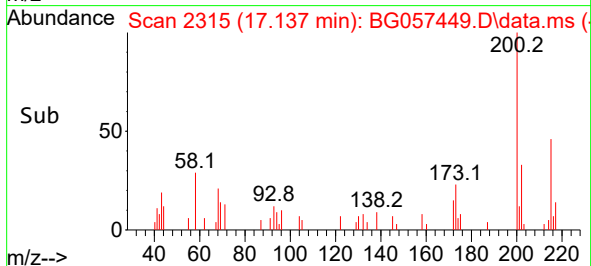
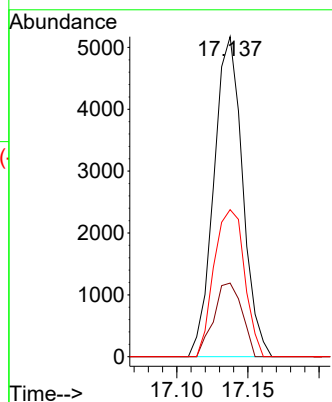
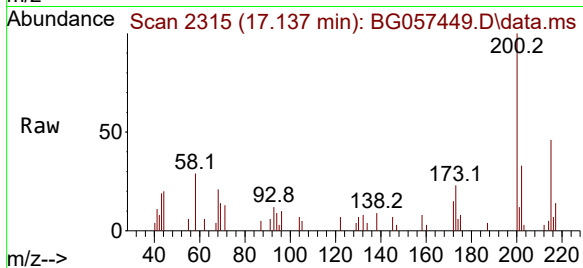
Tgt Ion:200 Resp: 7268

Ion Ratio Lower Upper

200 100

173 23.0 4.3 44.3

215 45.9 29.3 69.3



#70

Pentachlorophenol

Concen: 1.403 ng

RT: 17.384 min Scan# 2357

Delta R.T. 0.009 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

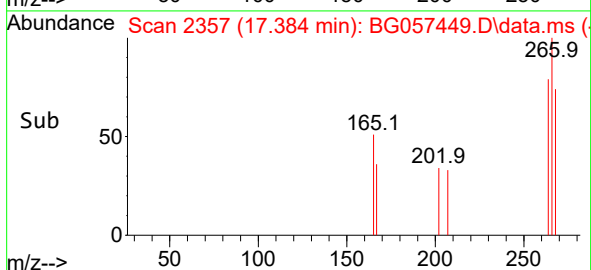
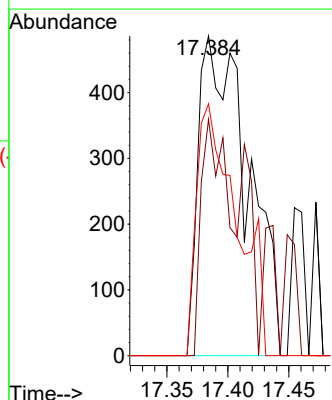
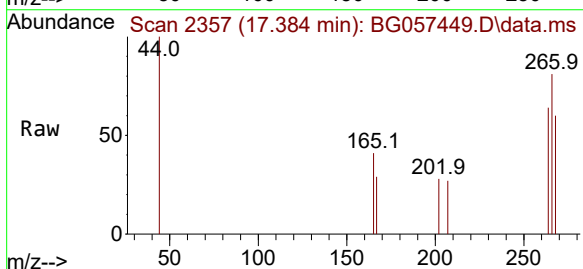
Tgt Ion:266 Resp: 1363

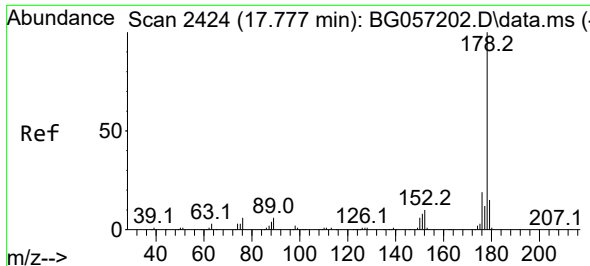
Ion Ratio Lower Upper

266 100

268 73.9 51.0 76.6

264 78.8 47.8 71.6#

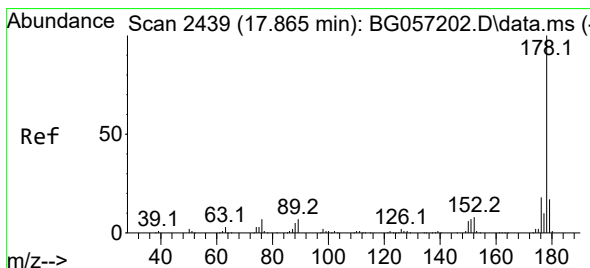
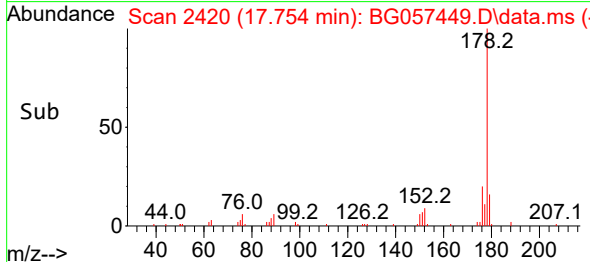
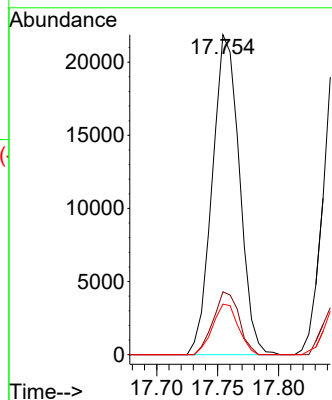
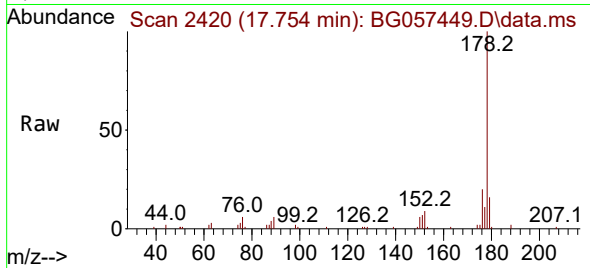




#71
Phenanthrene
Concen: 4.654 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

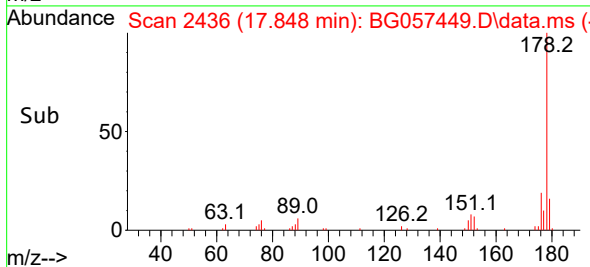
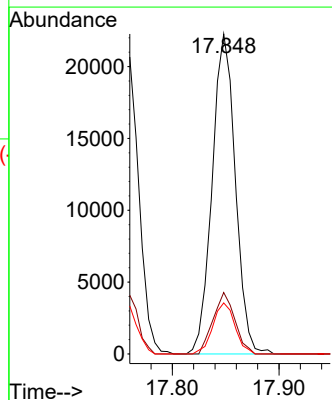
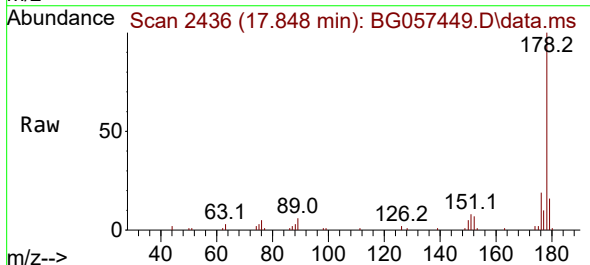
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

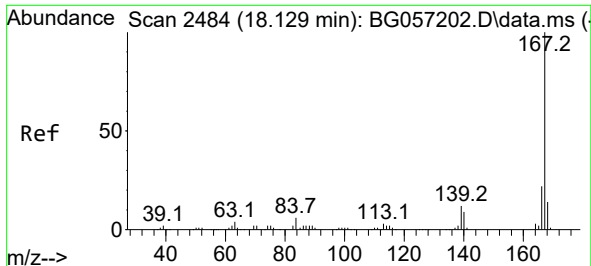
Tgt Ion:178 Resp: 33878
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.8 12.3 18.5



#72
Anthracene
Concen: 4.503 ng
RT: 17.848 min Scan# 2436
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:178 Resp: 33630
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 16.0 13.2 19.8

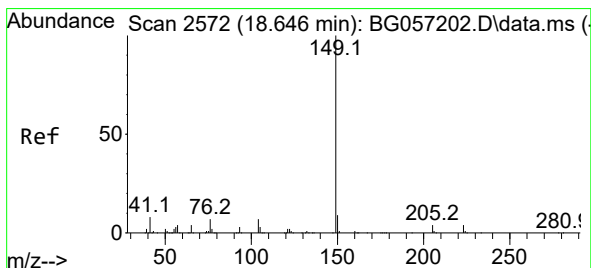
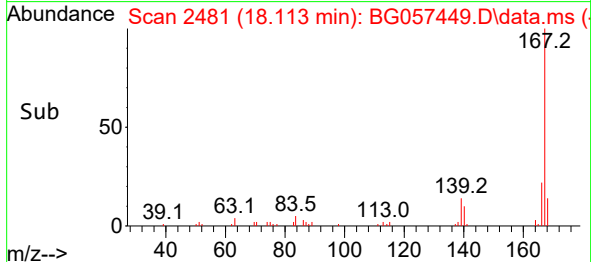
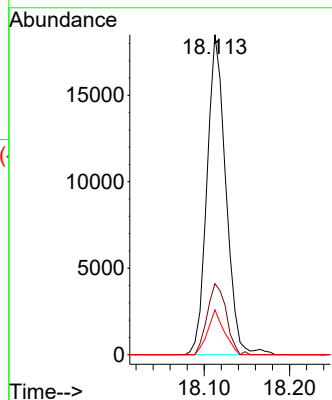
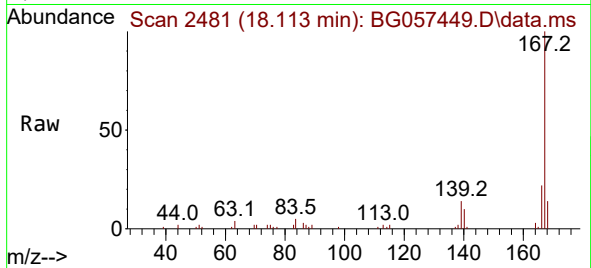




#73
 Carbazole
 Concen: 4.509 ng
 RT: 18.113 min Scan# 2481
 Delta R.T. -0.008 min
 Lab File: BG057449.D
 Acq: 17 May 2023 18:07

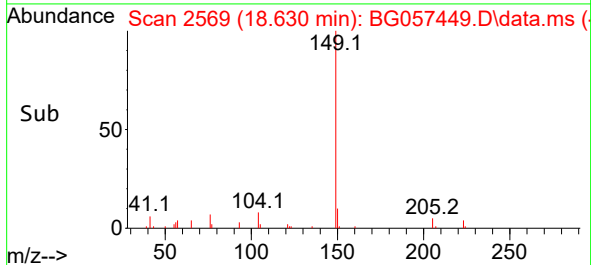
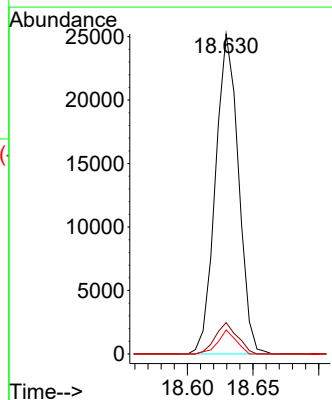
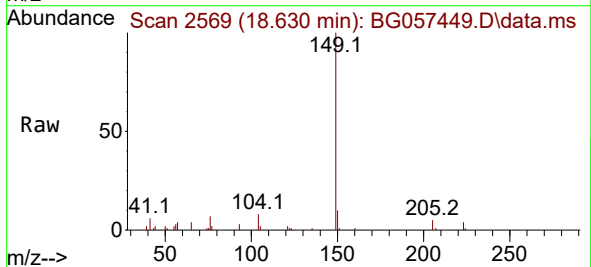
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

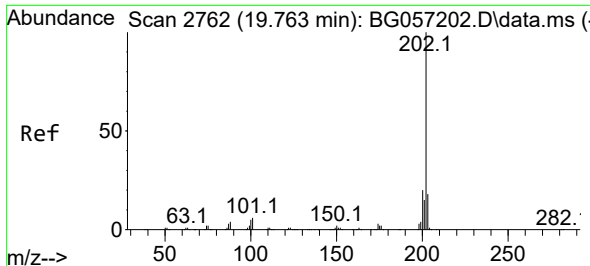
Tgt Ion:167 Resp: 28354
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 14.0 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 4.242 ng
 RT: 18.630 min Scan# 2569
 Delta R.T. -0.008 min
 Lab File: BG057449.D
 Acq: 17 May 2023 18:07

Tgt Ion:149 Resp: 30693
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.3 10.9
 104 7.5 5.4 8.2

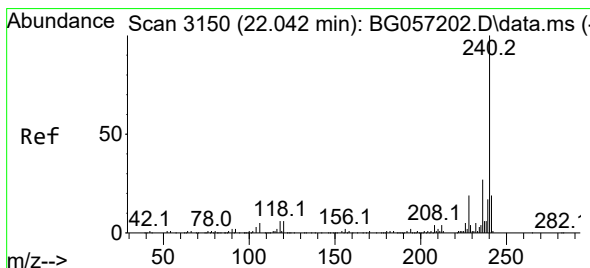
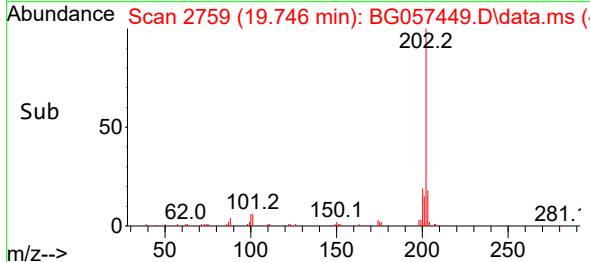
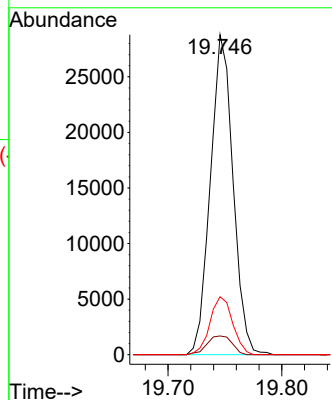
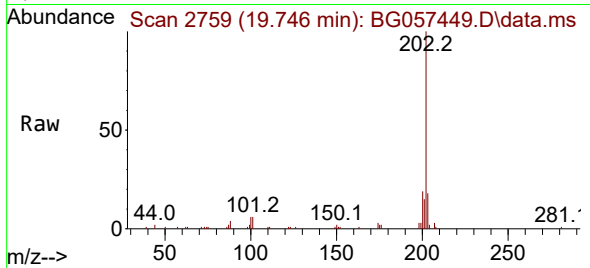




#75
Fluoranthene
Concen: 4.398 ng
RT: 19.746 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

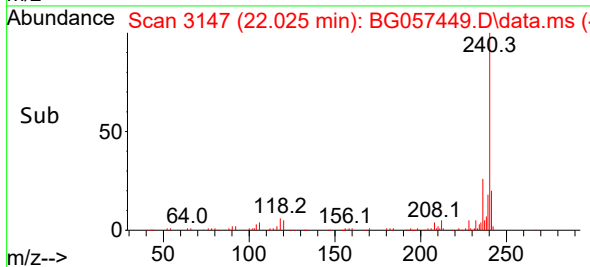
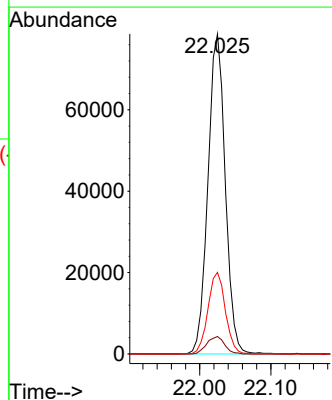
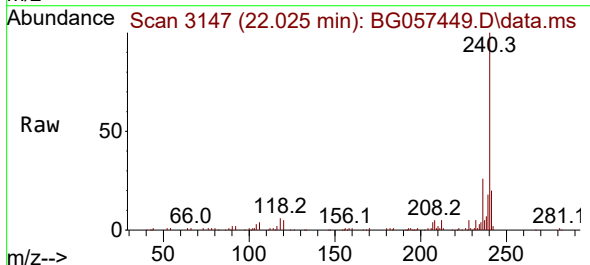
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

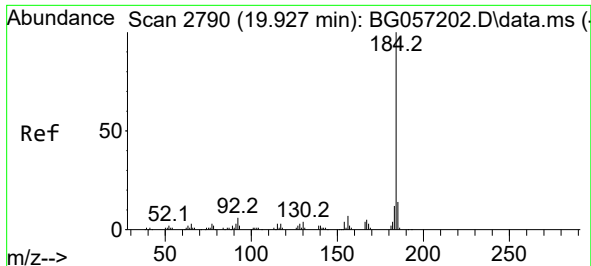
Tgt Ion:202 Resp: 39817
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.2
203 18.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:240 Resp: 133015
Ion Ratio Lower Upper
240 100
120 5.5 4.9 7.3
236 25.5 21.4 32.2

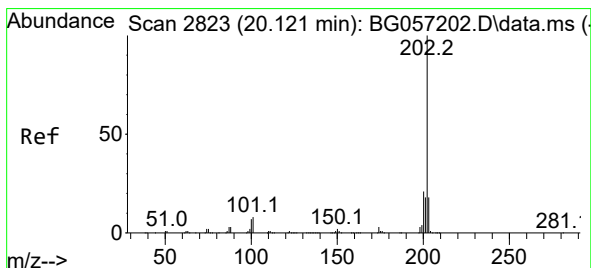
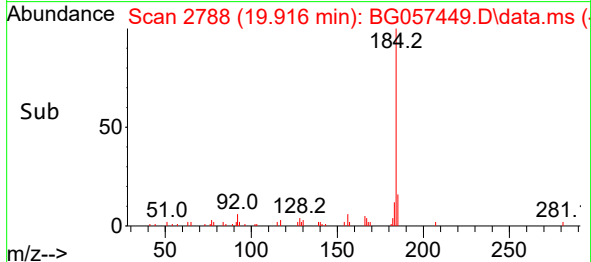
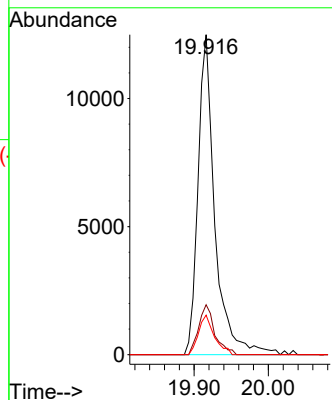
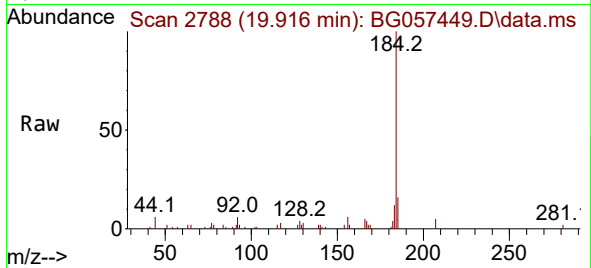




#77
Benzidine
Concen: 6.608 ng
RT: 19.916 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

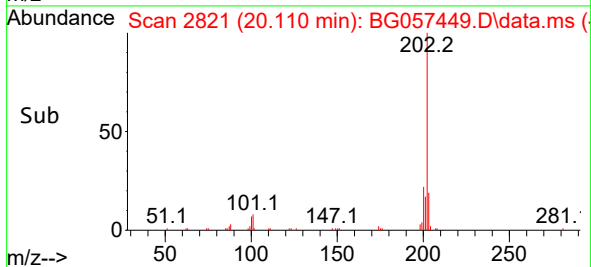
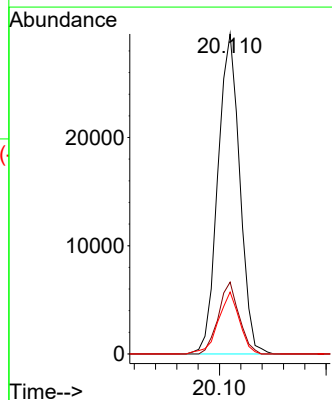
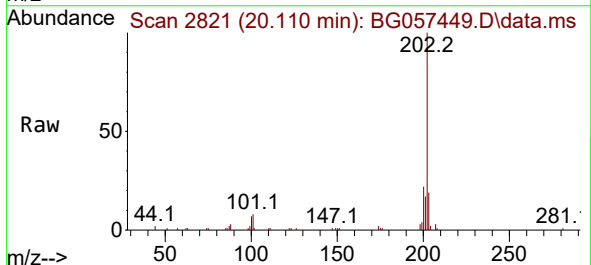
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

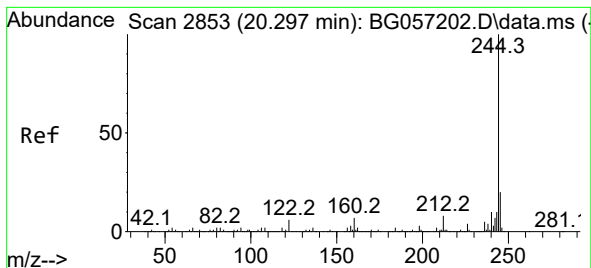
Tgt Ion:184 Resp: 19649
Ion Ratio Lower Upper
184 100
185 15.6 11.1 16.7
183 12.3 9.9 14.9



#78
Pyrene
Concen: 4.349 ng
RT: 20.110 min Scan# 2821
Delta R.T. -0.002 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:202 Resp: 42040
Ion Ratio Lower Upper
202 100
200 22.5 17.0 25.4
203 19.4 14.2 21.4





#79

Terphenyl-d14

Concen: 73.810 ng

RT: 20.286 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057449.D

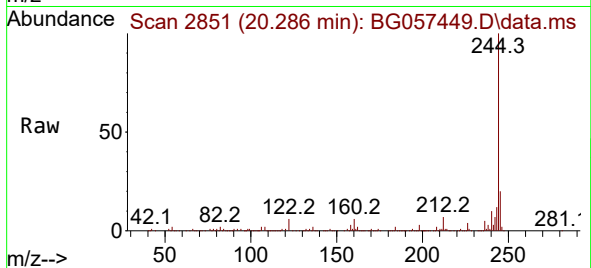
Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



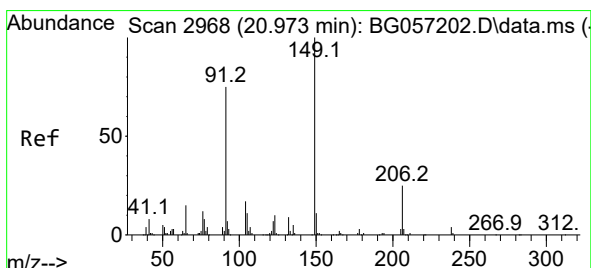
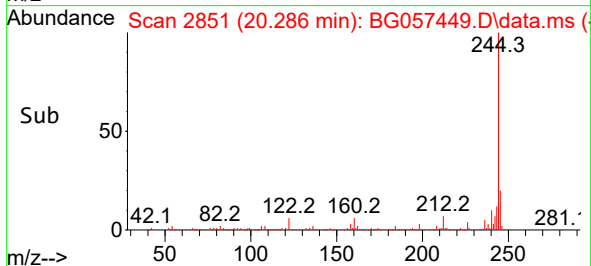
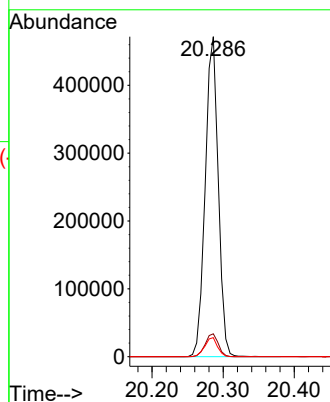
Tgt Ion:244 Resp: 601615

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 5.9 5.1 7.7



#80

Butylbenzylphthalate

Concen: 4.222 ng

RT: 20.956 min Scan# 2965

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

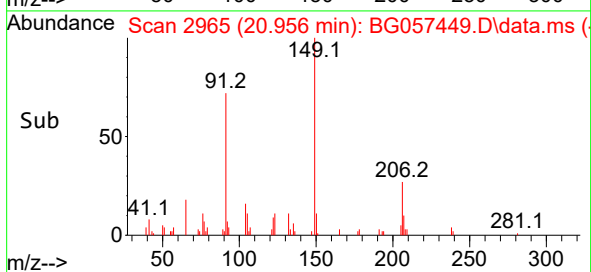
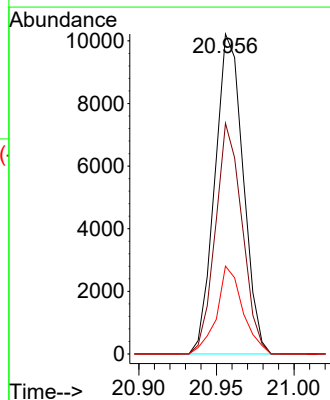
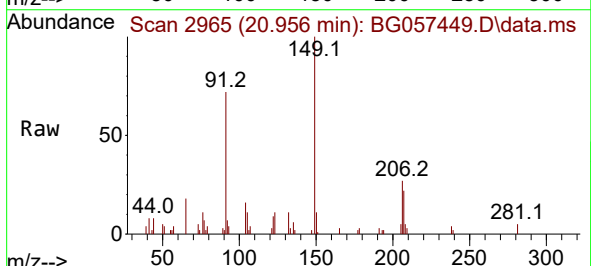
Tgt Ion:149 Resp: 12948

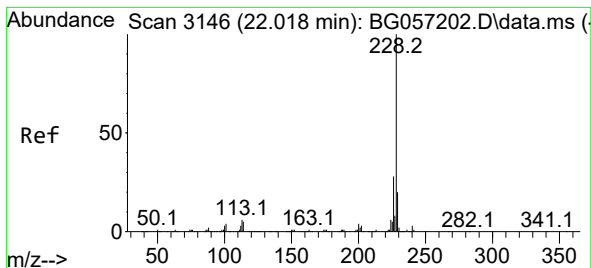
Ion Ratio Lower Upper

149 100

91 72.1 59.7 89.5

206 27.5 19.7 29.5





#81

Benzo(a)anthracene

Concen: 4.344 ng

RT: 22.001 min Scan# 3143

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

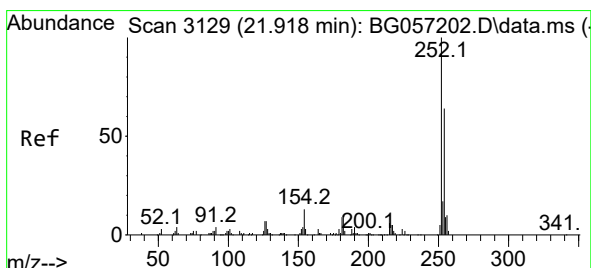
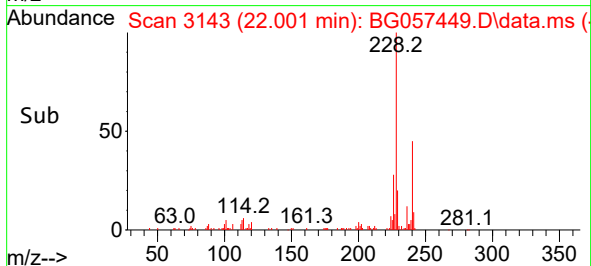
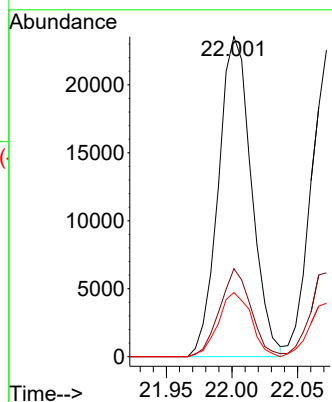
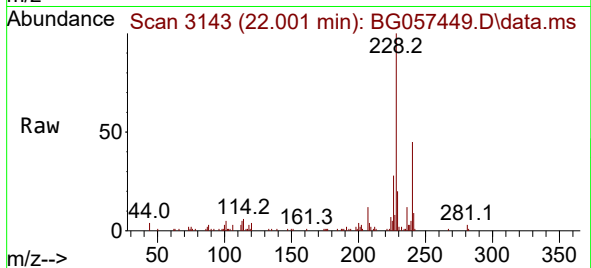
Tgt Ion:228 Resp: 41163

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 5.238 ng

RT: 21.902 min Scan# 3126

Delta R.T. -0.002 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

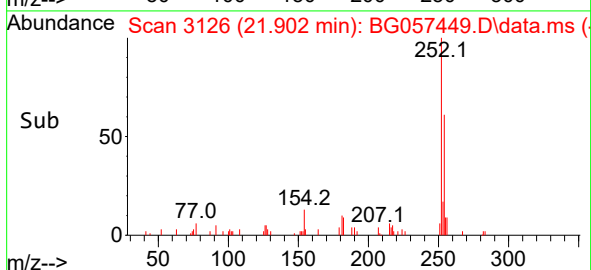
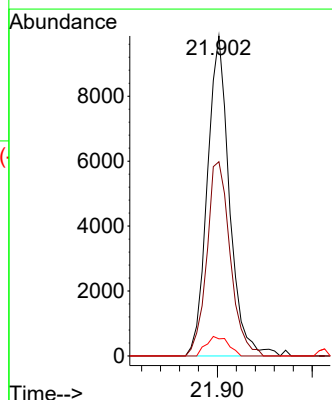
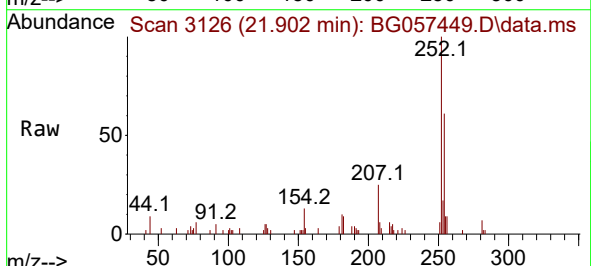
Tgt Ion:252 Resp: 15900

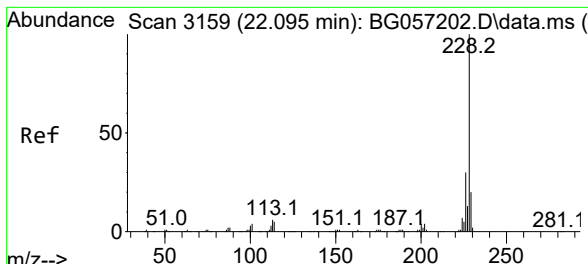
Ion Ratio Lower Upper

252 100

254 60.7 51.4 77.0

126 5.4 5.9 8.9#





#83

Chrysene

Concen: 4.458 ng

RT: 22.072 min Scan# 3117

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

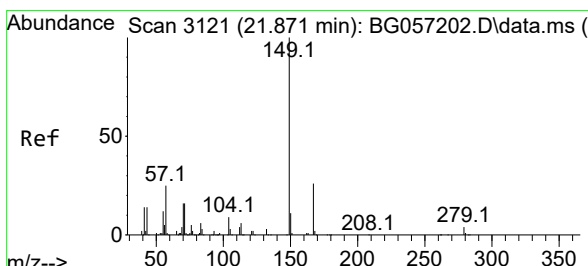
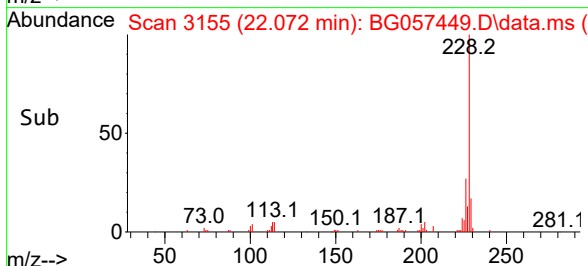
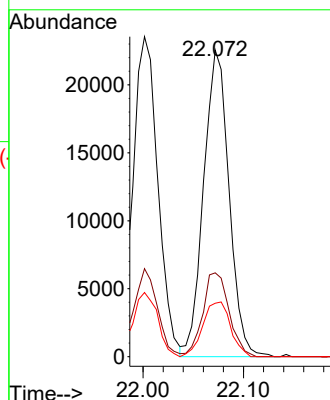
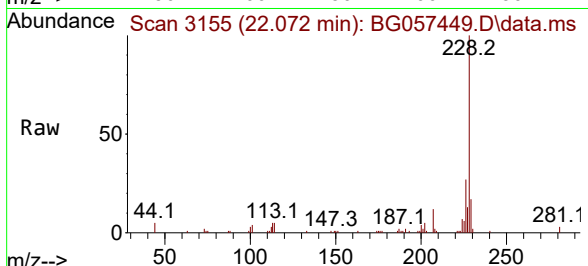
Tgt Ion:228 Resp: 39747

Ion Ratio Lower Upper

228 100

226 27.3 24.3 36.5

229 17.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.265 ng

RT: 21.849 min Scan# 3117

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

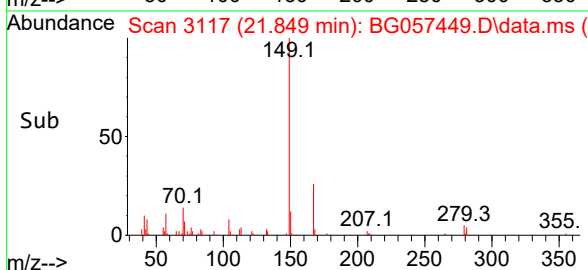
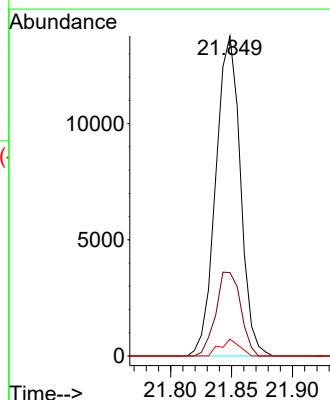
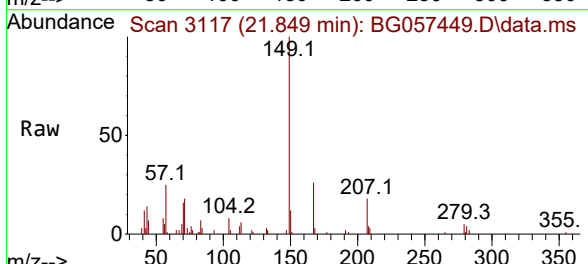
Tgt Ion:149 Resp: 19351

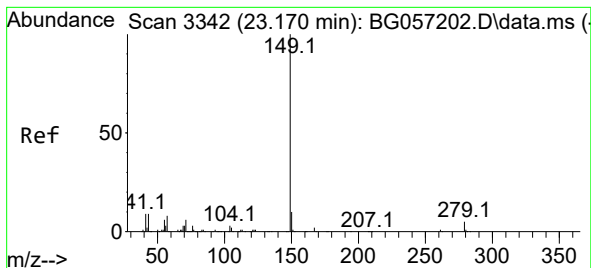
Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

279 5.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 4.316 ng

RT: 23.141 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

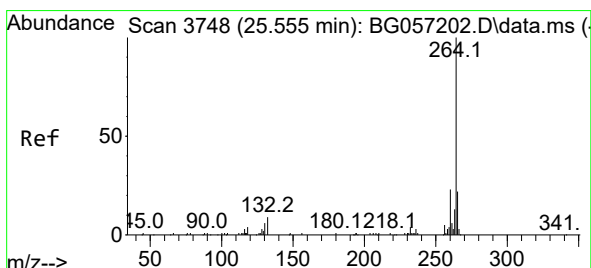
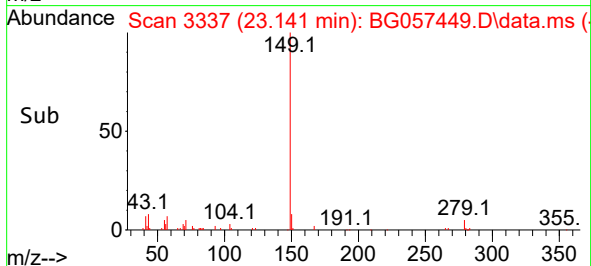
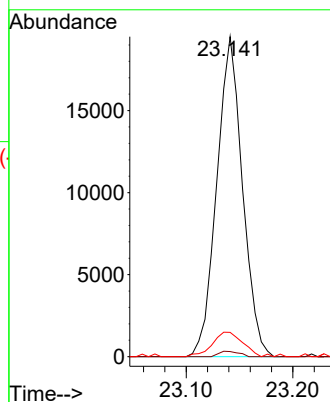
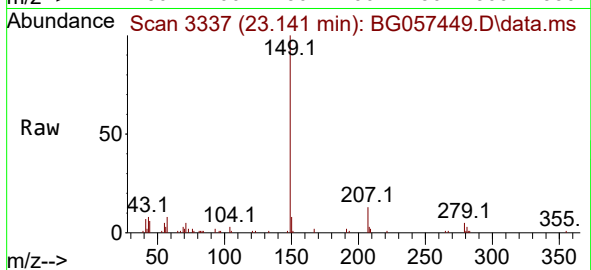
Tgt Ion:149 Resp: 32647

Ion Ratio Lower Upper

149 100

167 1.3 1.3 1.9

43 9.0 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.526 min Scan# 3743

Delta R.T. -0.008 min

Lab File: BG057449.D

Acq: 17 May 2023 18:07

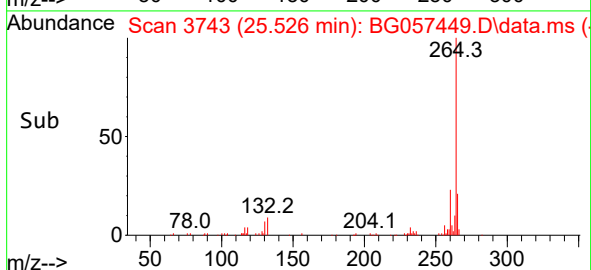
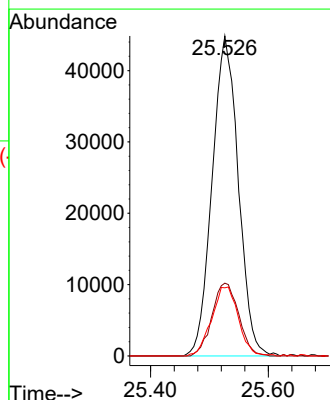
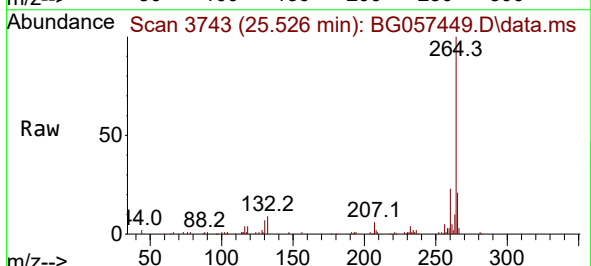
Tgt Ion:264 Resp: 138178

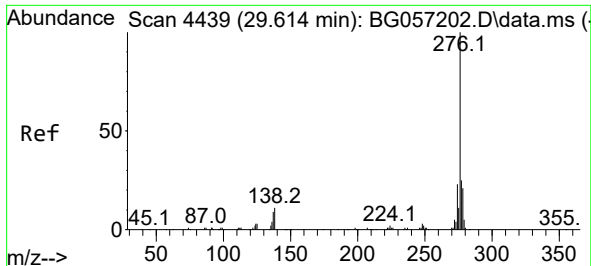
Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 21.3 17.9 26.9

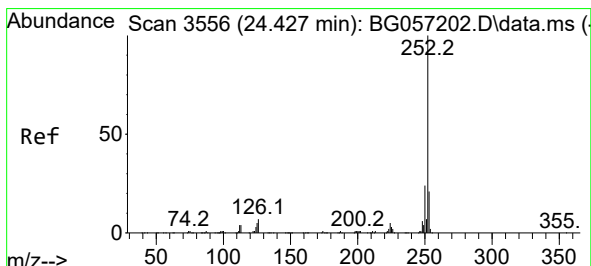
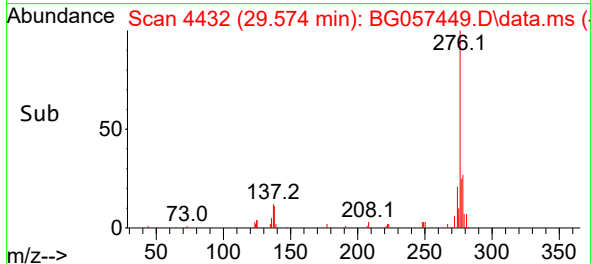
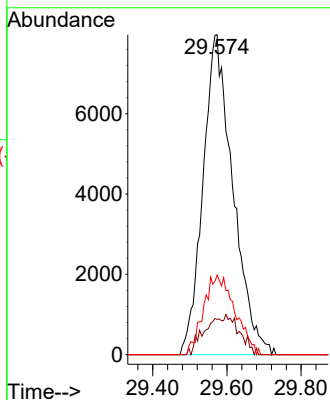
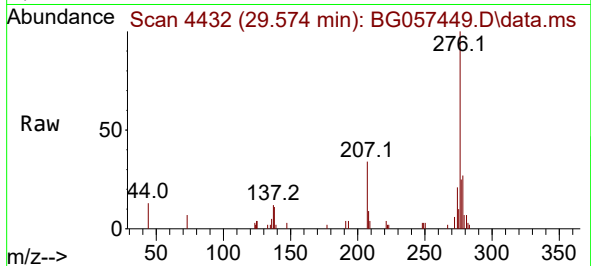




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.436 ng
 RT: 29.574 min Scan# 4432
 Delta R.T. -0.026 min
 Lab File: BG057449.D
 Acq: 17 May 2023 18:07

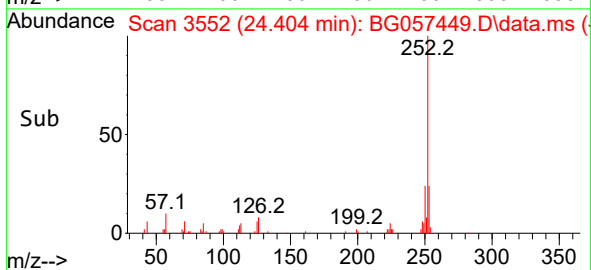
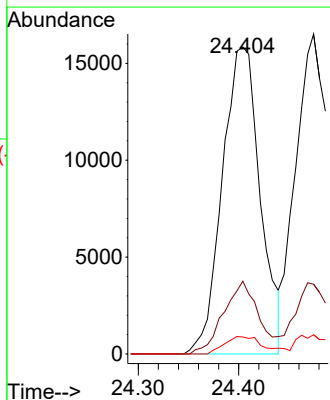
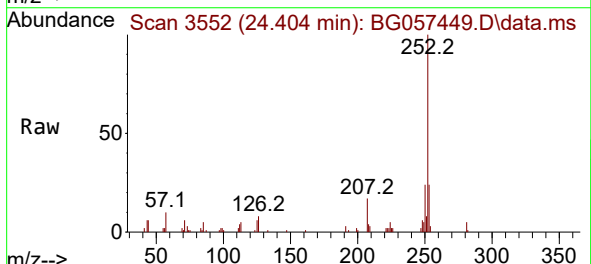
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

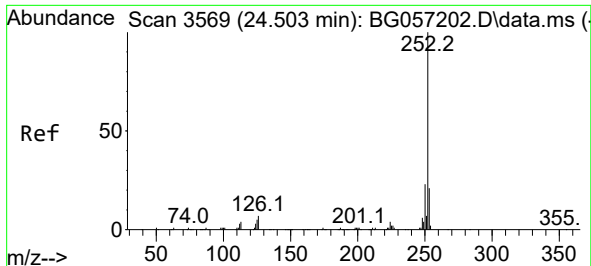
Tgt Ion:276 Resp: 44673
 Ion Ratio Lower Upper
 276 100
 138 7.3 5.4 8.0
 277 26.1 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 4.608 ng
 RT: 24.404 min Scan# 3552
 Delta R.T. -0.008 min
 Lab File: BG057449.D
 Acq: 17 May 2023 18:07

Tgt Ion:252 Resp: 41621
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.0 25.6
 125 5.5 4.2 6.2

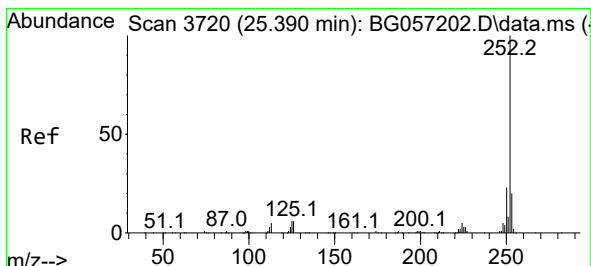
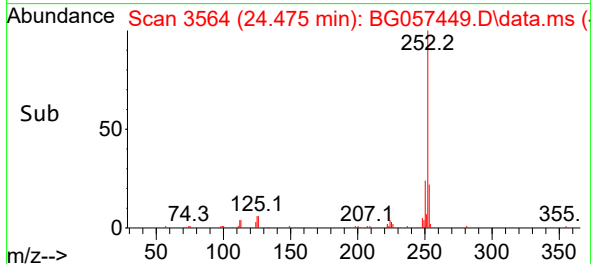
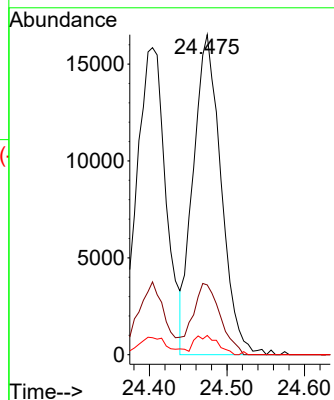
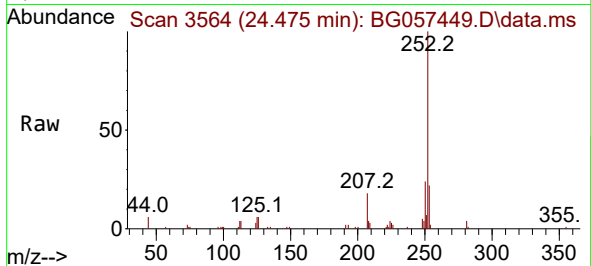




#89
Benzo(k)fluoranthene
Concen: 4.491 ng
RT: 24.475 min Scan# 3115
Delta R.T. -0.014 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

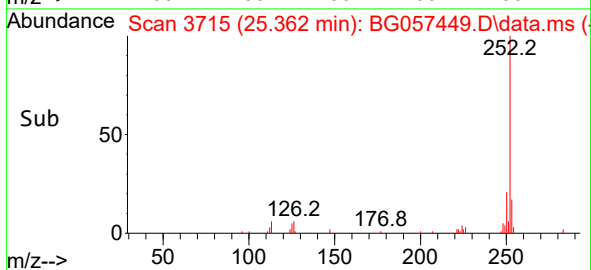
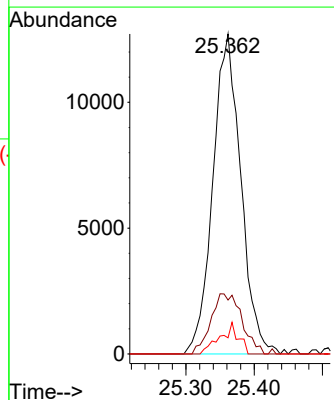
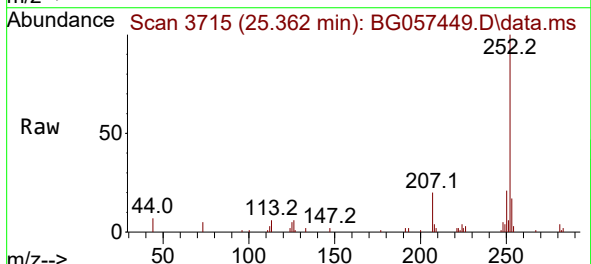
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

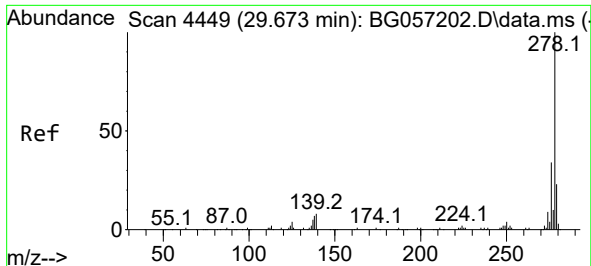
Tgt Ion:252 Resp: 41221
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 6.0 4.1 6.1



#90
Benzo(a)pyrene
Concen: 4.106 ng
RT: 25.362 min Scan# 3715
Delta R.T. -0.014 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:252 Resp: 36234
Ion Ratio Lower Upper
252 100
253 16.9 16.3 24.5
125 5.0 5.0 7.4

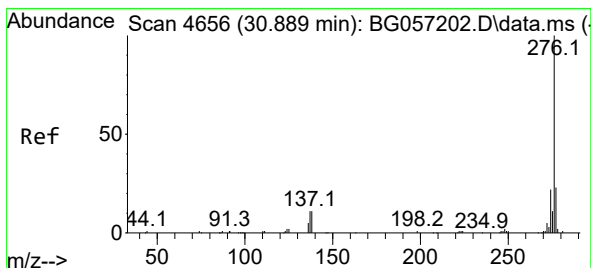
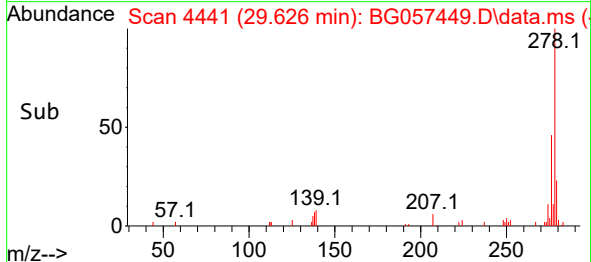
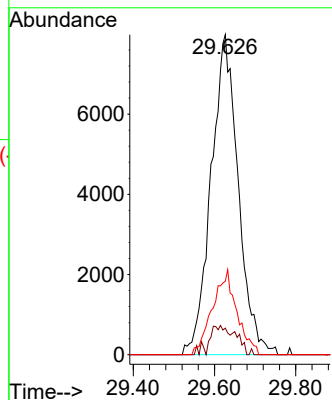
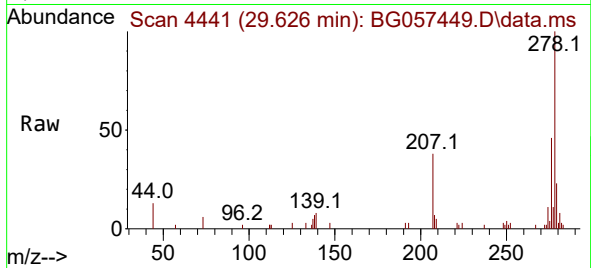




#91
Dibenzo(a,h)anthracene
Concen: 4.423 ng
RT: 29.626 min Scan# 4441
Delta R.T. -0.026 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:278 Resp: 37096
Ion Ratio Lower Upper
278 100
139 8.3 6.2 9.2
279 23.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 4.452 ng
RT: 30.842 min Scan# 4648
Delta R.T. -0.032 min
Lab File: BG057449.D
Acq: 17 May 2023 18:07

Tgt Ion:276 Resp: 36458
Ion Ratio Lower Upper
276 100
277 20.4 18.4 27.6
138 9.6 9.0 13.4

