

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056498.D
 Acq On : 1 Feb 2023 11:51
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Feb 02 05:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	31570	20.000	ng	# 0.00
21) Naphthalene-d8	11.107	136	123530	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	100909	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	266067	20.000	ng	0.00
76) Chrysene-d12	21.918	240	263458	20.000	ng	0.00
86) Perylene-d12	25.338	264	284583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	191348	111.498	ng	0.00
7) Phenol-d6	7.418	99	272824	107.294	ng	0.00
23) Nitrobenzene-d5	9.450	82	155667	71.558	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	151051	112.597	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	544732	74.843	ng	0.00
79) Terphenyl-d14	20.208	244	1060852	70.723	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.598	88	4111	5.753	ng	# 93
3) Pyridine	4.033	79	9621	4.517	ng	97
4) n-Nitrosodimethylamine	3.933	42	1978	4.366	ng	# 84
6) Aniline	7.588	93	15690	4.713	ng	97
8) 2-Chlorophenol	7.835	128	8897	4.719	ng	91
9) Benzaldehyde	7.406	77	8355	5.317	ng	# 81
10) Phenol	7.447	94	12417	4.805	ng	92
11) bis(2-Chloroethyl)ether	7.676	93	9144	5.147	ng	93
12) 1,3-Dichlorobenzene	8.164	146	11325	5.217	ng	92
13) 1,4-Dichlorobenzene	8.164	146	11325	5.152	ng	94
14) 1,2-Dichlorobenzene	8.311	146	11873	5.567	ng	93
15) Benzyl Alcohol	8.510	79	7924	4.542	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.804	45	1618	4.299	ng	92
17) 2-Methylphenol	8.716	107	8194	4.168	ng	98
18) Hexachloroethane	9.368	117	3758	5.652	ng	88
19) n-Nitroso-di-n-propyla...	9.080	70	7011	4.784	ng	96
20) 3+4-Methylphenols	9.045	107	11661	4.232	ng	96
22) Acetophenone	9.104	105	17013	5.183	ng	# 98
24) Nitrobenzene	9.492	77	10483	4.996	ng	# 86
25) Isophorone	10.009	82	21124	4.707	ng	96
26) 2-Nitrophenol	10.208	139	5923	4.652	ng	96
27) 2,4-Dimethylphenol	10.261	122	8709	4.087	ng	92
28) bis(2-Chloroethoxy)met...	10.490	93	11760	4.743	ng	96
29) 2,4-Dichlorophenol	10.755	162	11381	4.745	ng	95
30) 1,2,4-Trichlorobenzene	10.966	180	13652	5.122	ng	# 89
31) Naphthalene	11.160	128	32253	4.947	ng	99
32) Benzoic acid	10.437	122	331	0.278	ng	# 61
33) 4-Chloroaniline	11.266	127	13242	4.351	ng	97
34) Hexachlorobutadiene	11.430	225	10633	5.684	ng	86
35) Caprolactam	12.006	113	3997	4.942	ng	99
36) 4-Chloro-3-methylphenol	12.365	107	10297	4.446	ng	99
37) 2-Methylnaphthalene	12.747	142	25030	4.657	ng	99
38) 1-Methylnaphthalene	12.958	142	24465	4.873	ng	89
40) 1,2,4,5-Tetrachloroben...	13.105	216	19131	5.189	ng	98
41) Hexachlorocyclopentadiene	13.081	237	3983	8.247	ng	97
43) 2,4,6-Trichlorophenol	13.340	196	10572	4.450	ng	98

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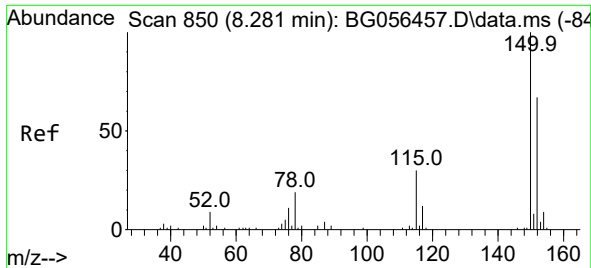
Quant Time: Feb 02 05:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	11407	4.101	ng	95
46) 1,1'-Biphenyl	13.734	154	38216	5.221	ng	95
47) 2-Chloronaphthalene	13.781	162	29113	5.089	ng	97
48) 2-Nitroaniline	13.980	65	5206	4.402	ng	95
49) Acenaphthylene	14.621	152	45617	4.901	ng	98
50) Dimethylphthalate	14.333	163	39844	4.881	ng	99
51) 2,6-Dinitrotoluene	14.456	165	7945	4.463	ng	97
52) Acenaphthene	14.956	154	27408	4.966	ng	94
53) 3-Nitroaniline	14.797	138	7479	4.333	ng #	96
54) 2,4-Dinitrophenol	15.026	184	940	0.842	ng #	85
55) Dibenzofuran	15.291	168	48500	4.900	ng	98
56) 4-Nitrophenol	15.103	139	4126	3.498	ng #	75
57) 2,4-Dinitrotoluene	15.249	165	11469	4.573	ng	97
58) Fluorene	15.937	166	39368	4.998	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.520	232	10573	4.275	ng #	96
60) Diethylphthalate	15.678	149	38408	5.010	ng	96
61) 4-Chlorophenyl-phenyle...	15.919	204	24600	5.118	ng	96
62) 4-Nitroaniline	15.949	138	7922	4.587	ng	97
63) Azobenzene	16.207	77	25415	4.818	ng	97
65) 4,6-Dinitro-2-methylph...	16.013	198	5871	3.139	ng	95
66) n-Nitrosodiphenylamine	16.131	169	36238	4.810	ng	100
67) 4-Bromophenyl-phenylether	16.812	248	16382	4.810	ng	96
68) Hexachlorobenzene	16.942	284	16868	5.056	ng	92
69) Atrazine	17.059	200	15218	5.236	ng	96
70) Pentachlorophenol	17.288	266	3559	1.763	ng	93
71) Phenanthrene	17.676	178	69153	4.966	ng	96
72) Anthracene	17.764	178	68229	4.773	ng	98
73) Carbazole	18.029	167	60756	4.990	ng	97
74) Di-n-butylphthalate	18.557	149	61847	4.838	ng	99
75) Fluoranthene	19.668	202	86719	4.934	ng	98
77) Benzidine	19.838	184	44651	6.263	ng	100
78) Pyrene	20.026	202	89798	4.792	ng	98
80) Butylbenzylphthalate	20.884	149	24800	4.334	ng	96
81) Benzo(a)anthracene	21.901	228	88660	4.814	ng	98
82) 3,3'-Dichlorobenzidine	21.801	252	35599	5.367	ng	100
83) Chrysene	21.971	228	81241	4.695	ng	98
84) Bis(2-ethylhexyl)phtha...	21.760	149	36306	4.425	ng	98
85) Di-n-octyl phthalate	23.029	149	62257	4.556	ng	99
87) Indeno(1,2,3-cd)pyrene	29.262	276	96046	4.611	ng #	95
88) Benzo(b)fluoranthene	24.245	252	90293	5.112	ng	98
89) Benzo(k)fluoranthene	24.315	252	87308	4.896	ng	98
90) Benzo(a)pyrene	25.179	252	78394	4.505	ng	99
91) Dibenzo(a,h)anthracene	29.321	278	85328	4.880	ng	96
92) Benzo(g,h,i)perylene	30.496	276	81833	4.850	ng #	93

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

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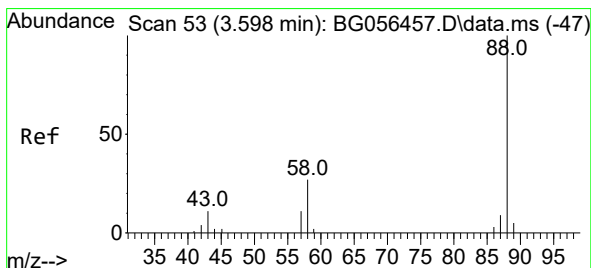
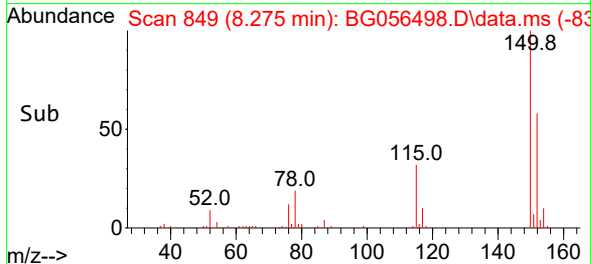
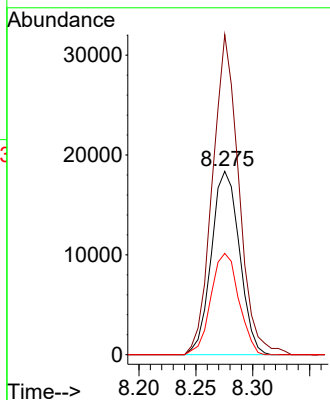
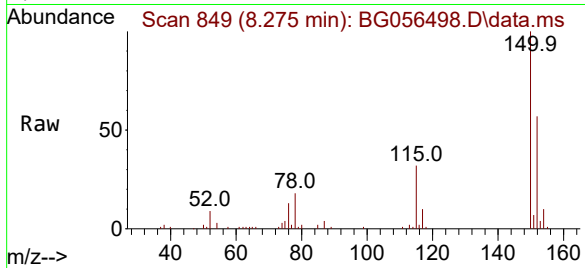




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

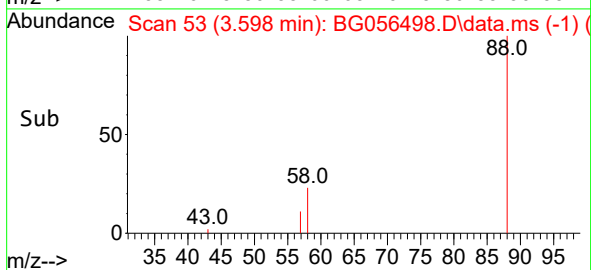
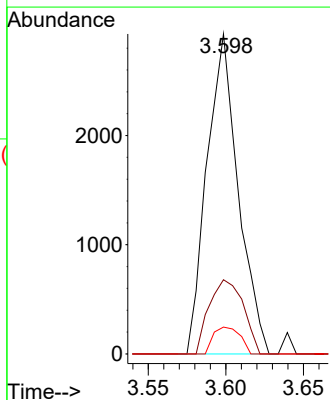
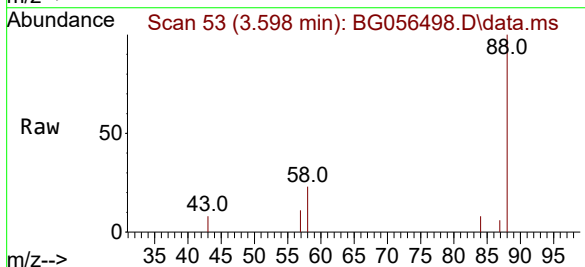
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

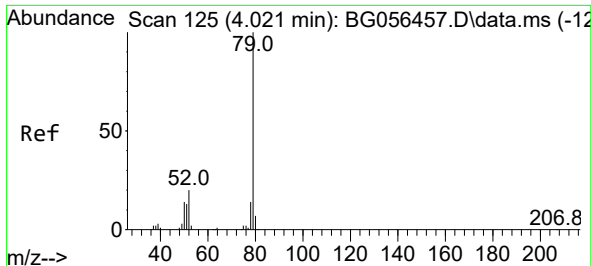
Tgt Ion:152 Resp: 31570
Ion Ratio Lower Upper
152 100
150 174.4 120.2 180.4
115 55.2 36.3 54.5#



#2
1,4-Dioxane
Concen: 5.753 ng
RT: 3.598 min Scan# 53
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 88 Resp: 4111
Ion Ratio Lower Upper
88 100
58 25.2 23.0 34.4
43 7.2 8.0 12.0#

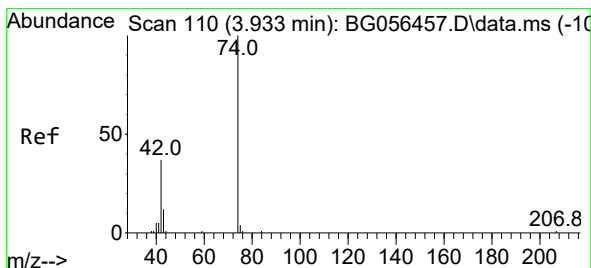
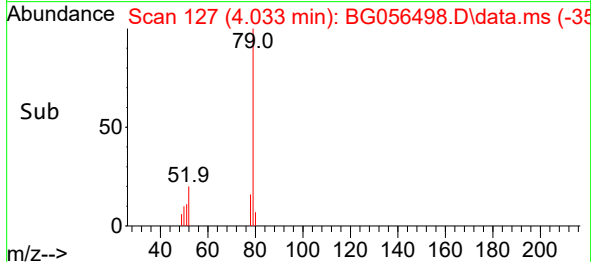
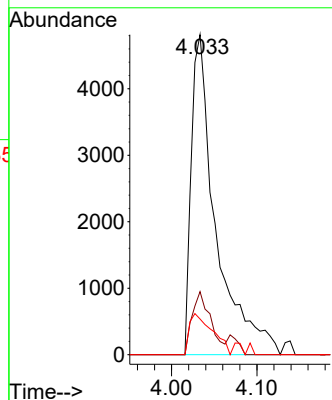
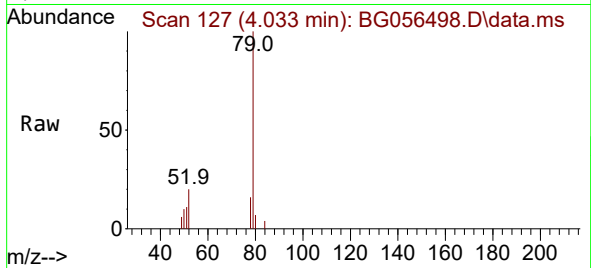




#3
Pyridine
Concen: 4.517 ng
RT: 4.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

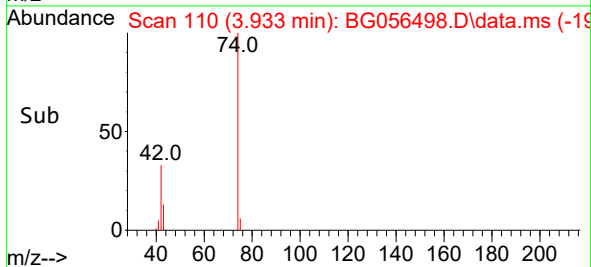
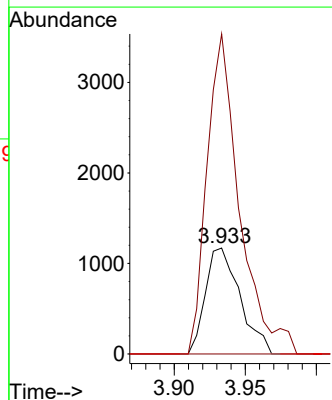
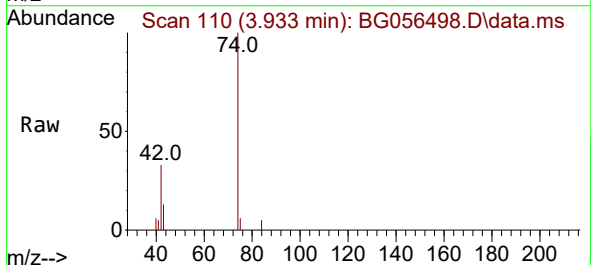
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

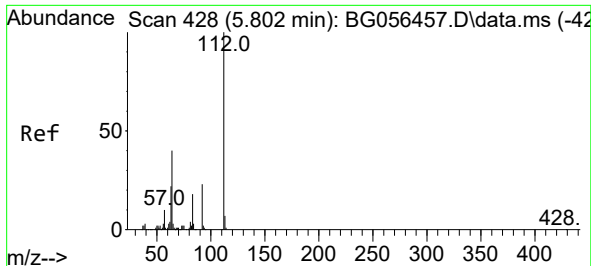
Tgt Ion: 79 Resp: 9621
Ion Ratio Lower Upper
79 100
52 19.7 16.1 24.1
51 11.2 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 4.366 ng
RT: 3.933 min Scan# 110
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 42 Resp: 1978
Ion Ratio Lower Upper
42 100
74 302.1 217.9 326.9
44 0.0 3.0 4.6

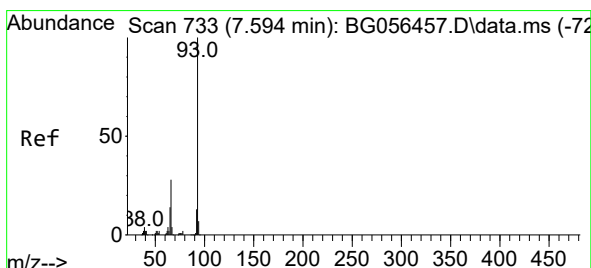
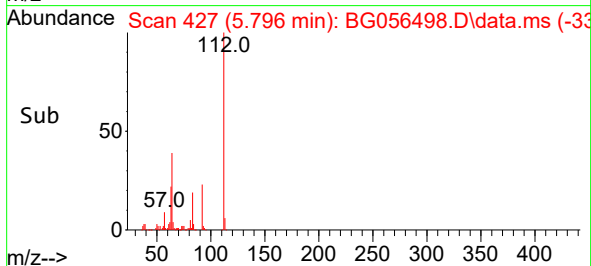
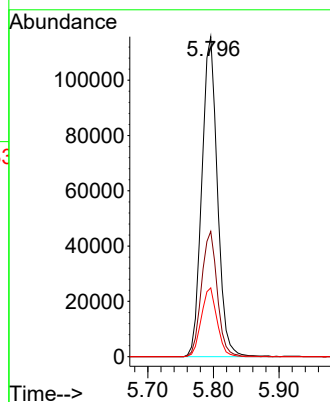
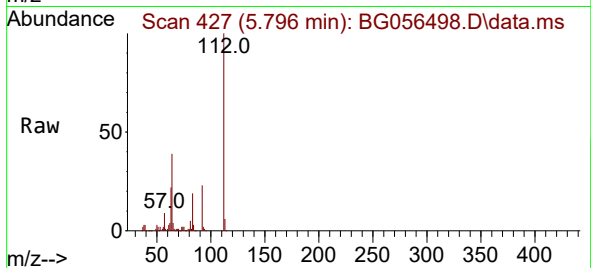




#5
2-Fluorophenol
Concen: 111.498 ng
RT: 5.796 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

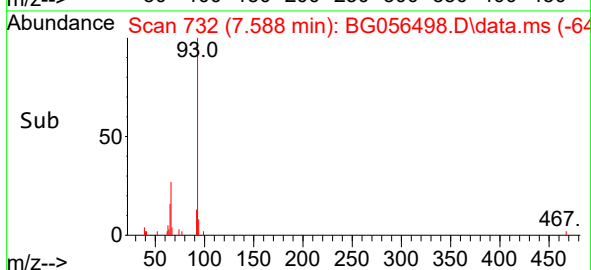
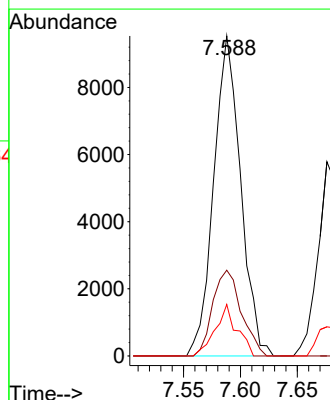
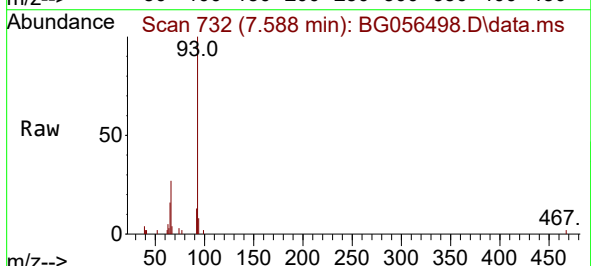
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

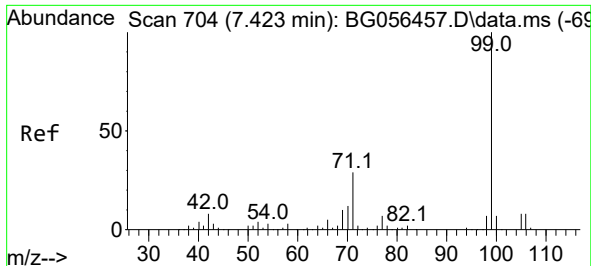
Tgt Ion:112 Resp: 191348
Ion Ratio Lower Upper
112 100
64 39.2 31.9 47.9
63 21.5 17.4 26.0



#6
Aniline
Concen: 4.713 ng
RT: 7.588 min Scan# 732
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 93 Resp: 15690
Ion Ratio Lower Upper
93 100
66 26.8 22.2 33.2
65 16.1 11.3 16.9

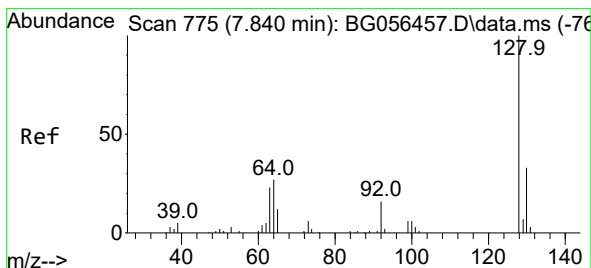
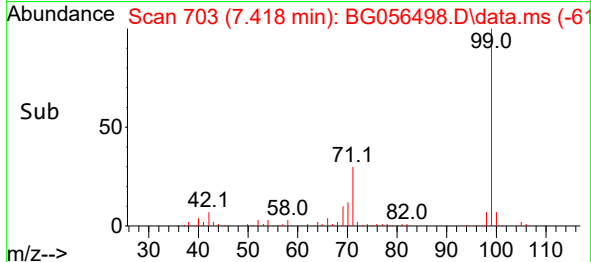
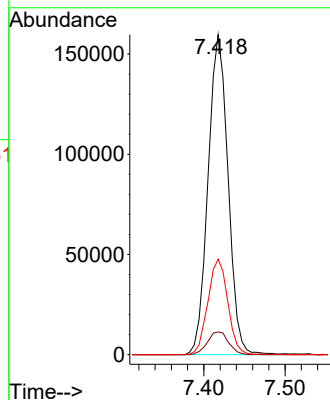
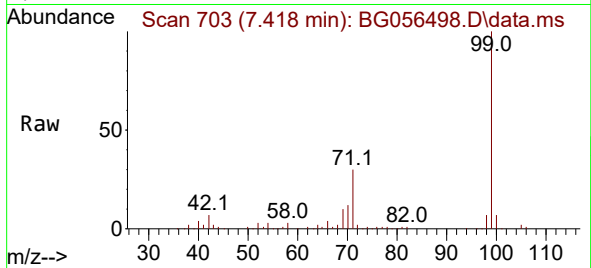




#7
Phenol-d6
Concen: 107.294 ng
RT: 7.418 min Scan# 703
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

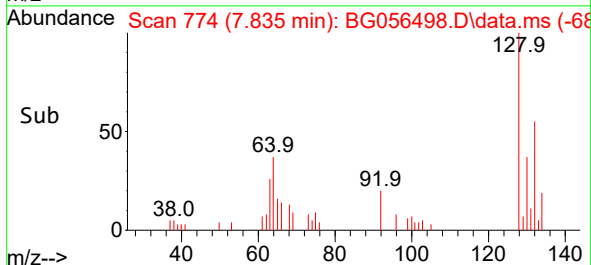
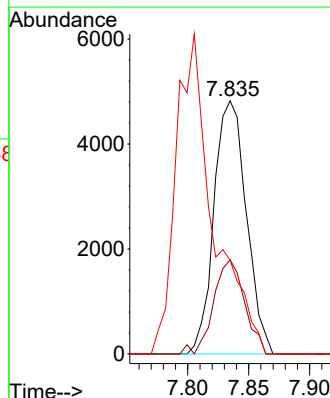
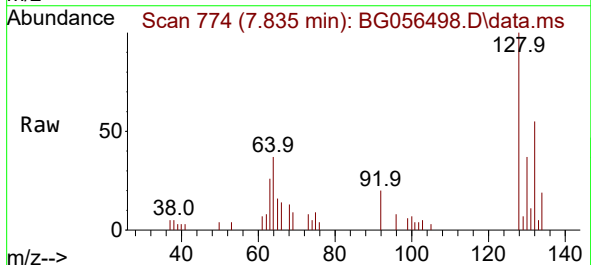
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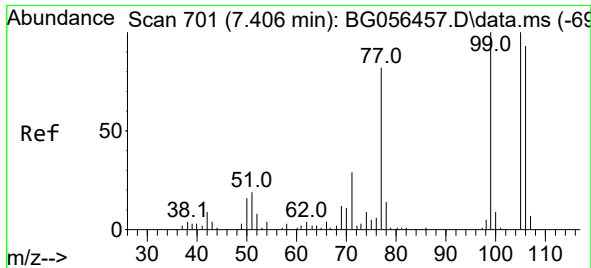
Tgt Ion: 99 Resp: 272824
Ion Ratio Lower Upper
99 100
42 7.1 6.6 10.0
71 29.9 23.4 35.0



#8
2-Chlorophenol
Concen: 4.719 ng
RT: 7.835 min Scan# 774
Delta R.T. -0.000 min
Lab File: BG056498.D
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Tgt Ion:128 Resp: 8897
Ion Ratio Lower Upper
128 100
130 37.2 12.8 52.8
64 37.0 11.3 51.3

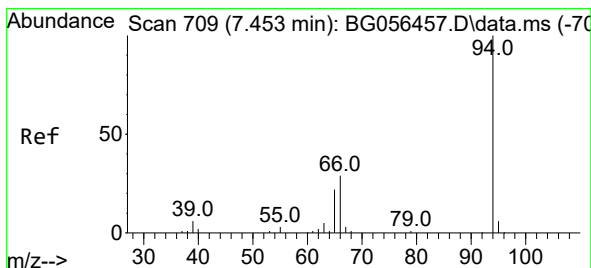
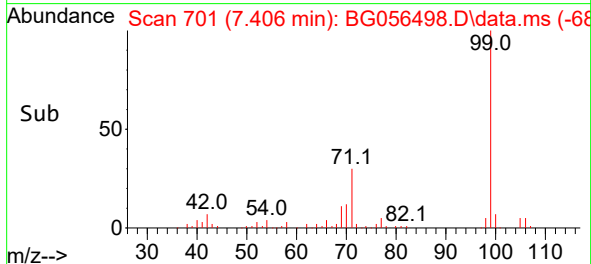
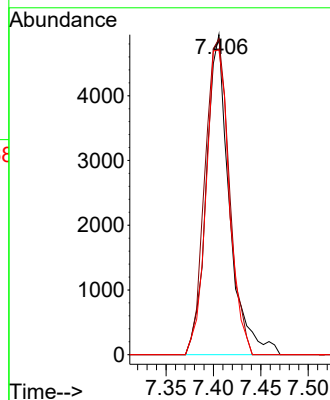
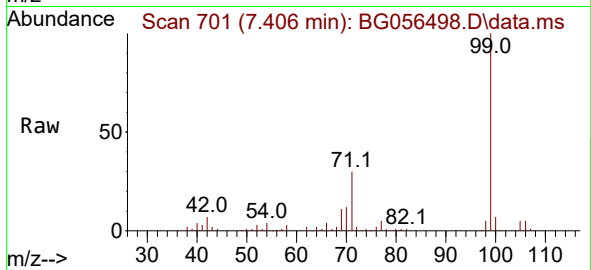




#9
Benzaldehyde
Concen: 5.317 ng
RT: 7.406 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

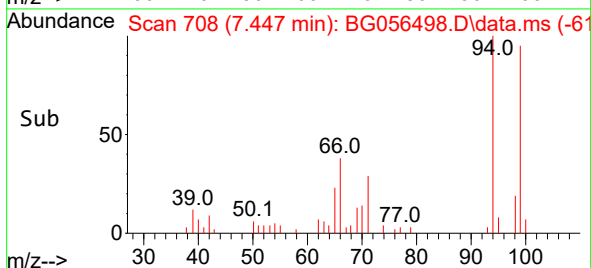
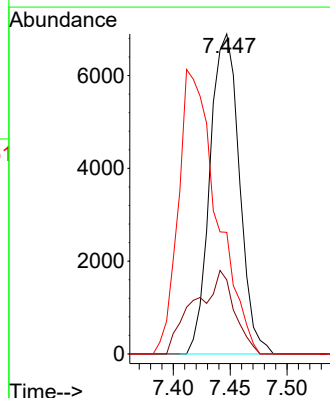
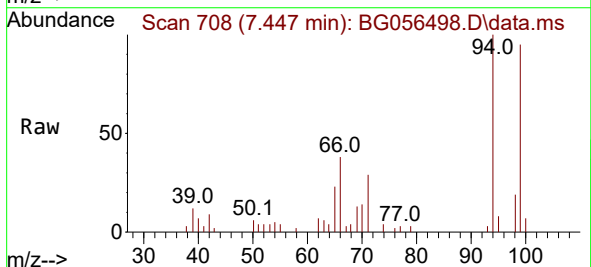
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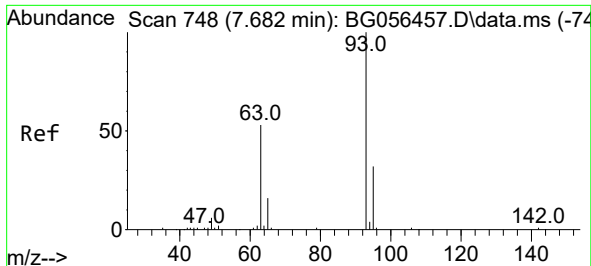
Tgt Ion: 77 Resp: 8355
Ion Ratio Lower Upper
77 100
105 98.8 101.8 141.8#
106 95.3 93.0 133.0



#10
Phenol
Concen: 4.805 ng
RT: 7.447 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 94 Resp: 12417
Ion Ratio Lower Upper
94 100
65 23.2 2.3 42.3
66 38.0 11.2 51.2

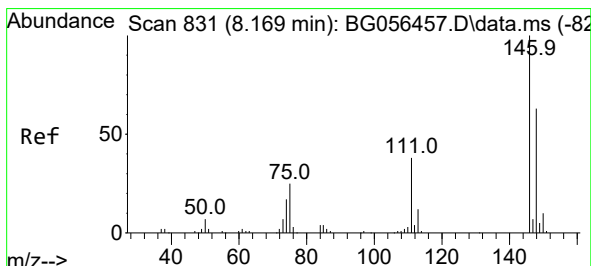
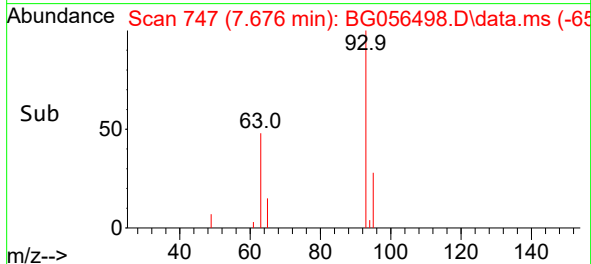
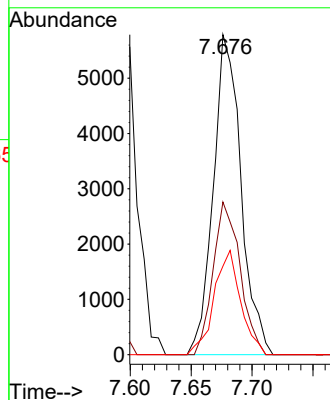
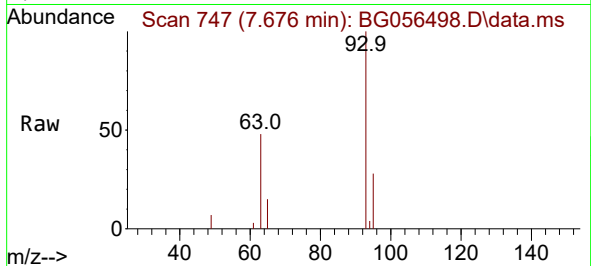




#11
bis(2-Chloroethyl)ether
Concen: 5.147 ng
RT: 7.676 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

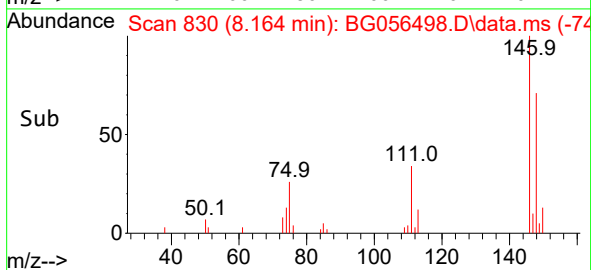
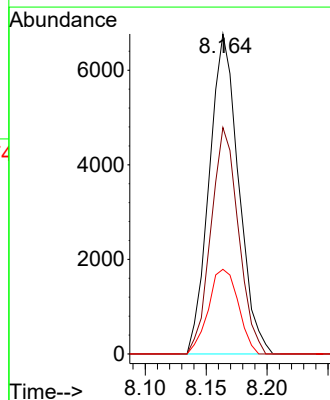
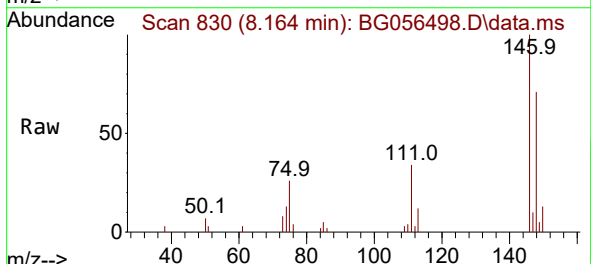
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

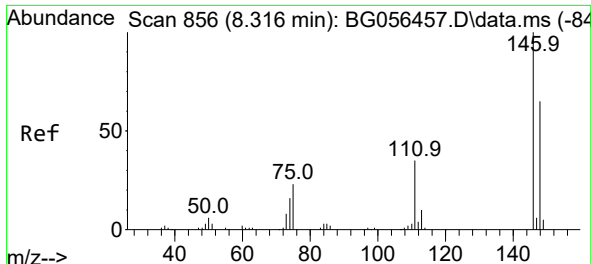
Tgt Ion: 93 Resp: 9144
Ion Ratio Lower Upper
93 100
63 47.7 32.4 72.4
95 27.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 5.217 ng
RT: 8.164 min Scan# 830
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:146 Resp: 11325
Ion Ratio Lower Upper
146 100
148 70.8 50.6 75.8
75 26.4 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 5.152 ng

RT: 8.164 min Scan# 81

Delta R.T. -0.147 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

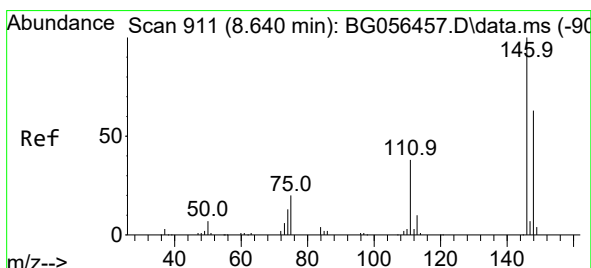
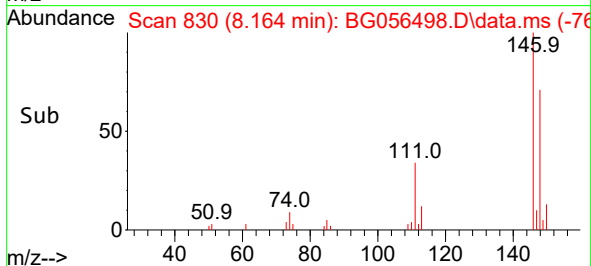
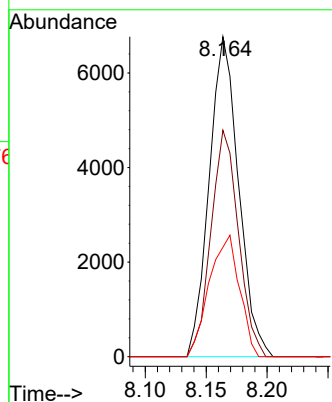
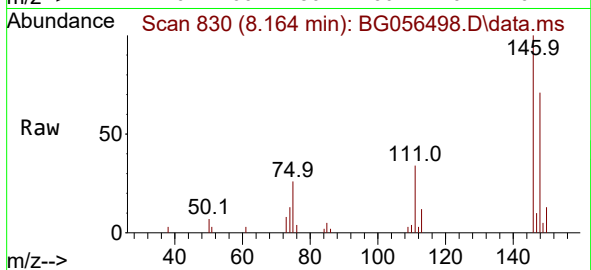
Tgt Ion:146 Resp: 11325

Ion Ratio Lower Upper

146 100

148 70.8 51.8 77.6

111 34.2 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 5.567 ng

RT: 8.311 min Scan# 855

Delta R.T. -0.323 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

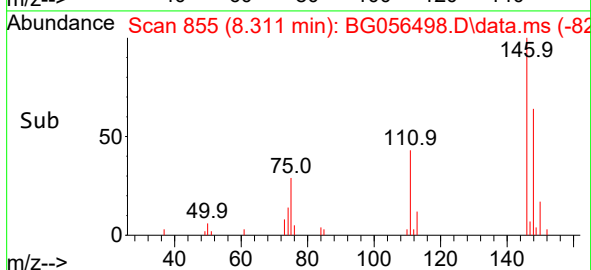
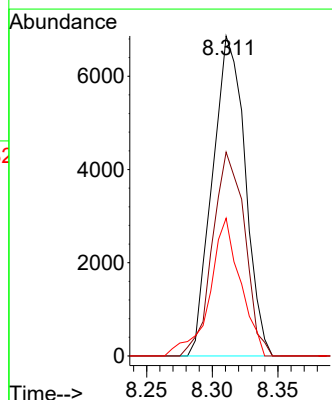
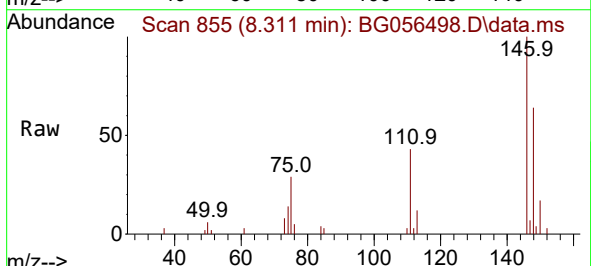
Tgt Ion:146 Resp: 11873

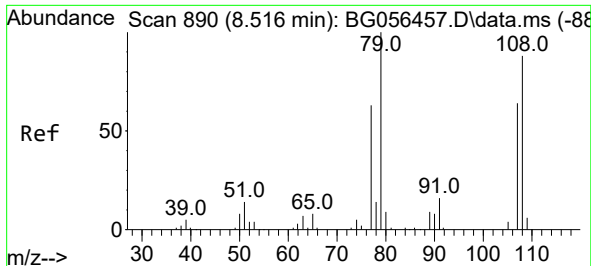
Ion Ratio Lower Upper

146 100

148 67.5 50.1 75.1

111 43.0 30.9 46.3

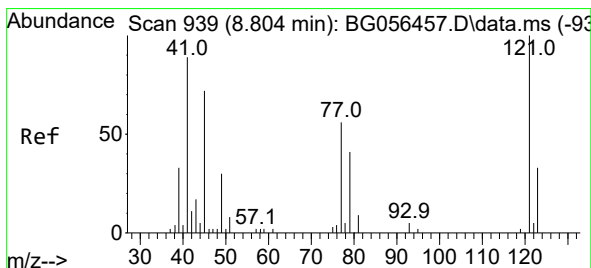
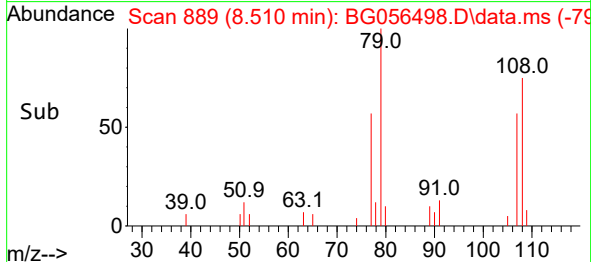
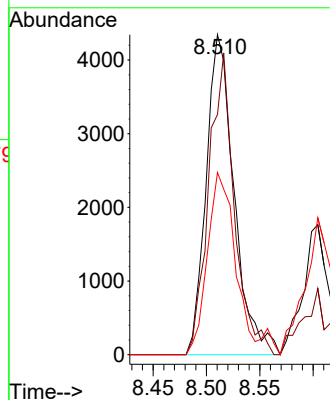
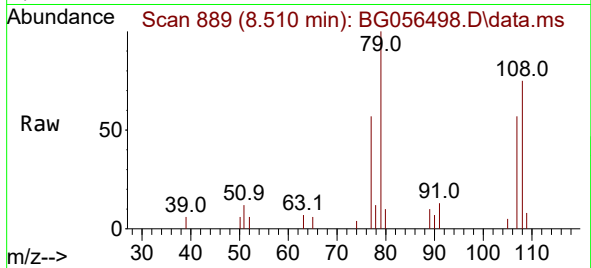




#15
Benzyl Alcohol
Concen: 4.542 ng
RT: 8.510 min Scan# 890
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

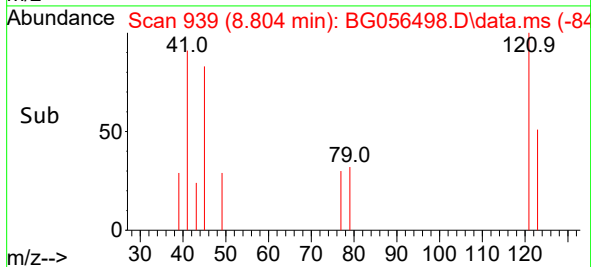
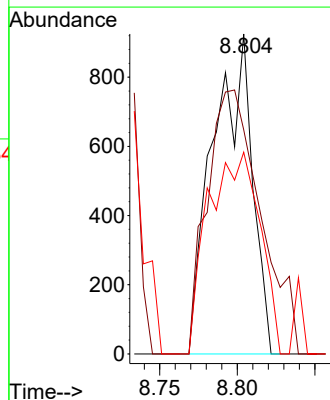
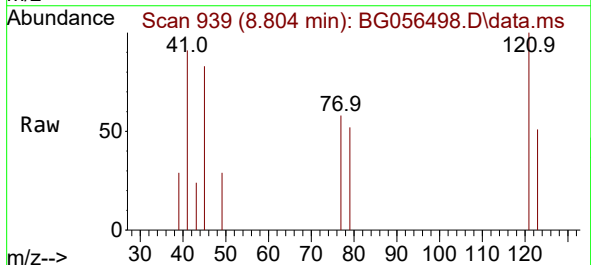
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

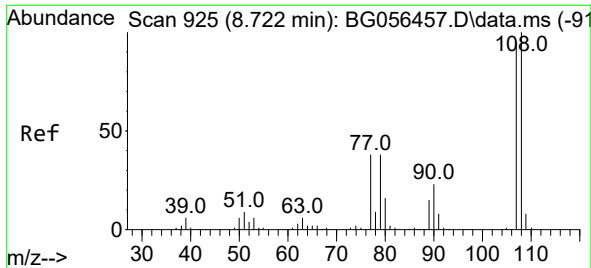
Tgt Ion: 79 Resp: 7924
Ion Ratio Lower Upper
79 100
108 75.1 70.1 105.1
77 57.0 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 4.299 ng
RT: 8.804 min Scan# 939
Delta R.T. 0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 45 Resp: 1618
Ion Ratio Lower Upper
45 100
77 70.1 62.1 102.1
79 63.0 42.7 82.7

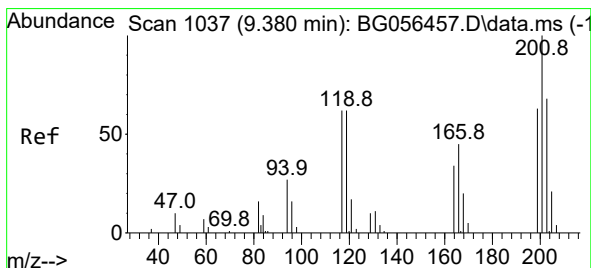
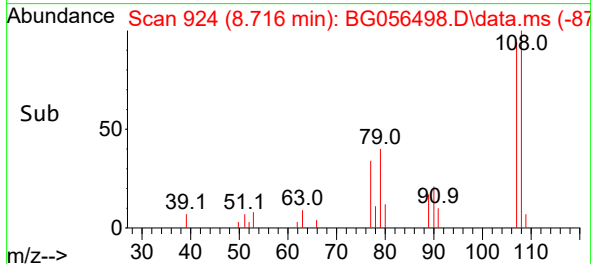
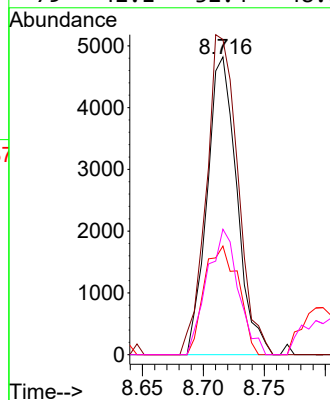
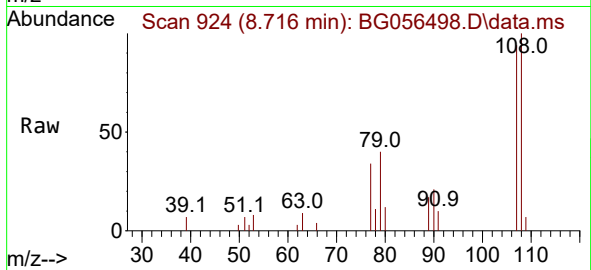




#17
2-Methylphenol
Concen: 4.168 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

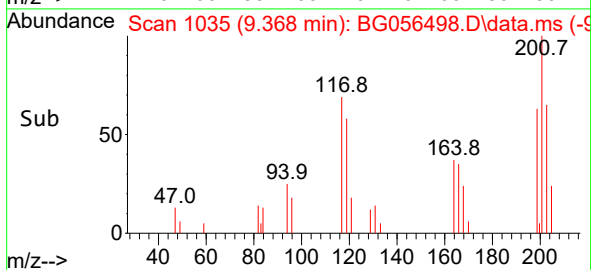
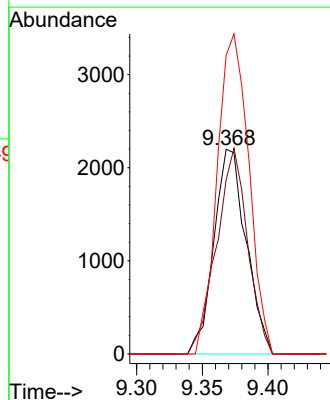
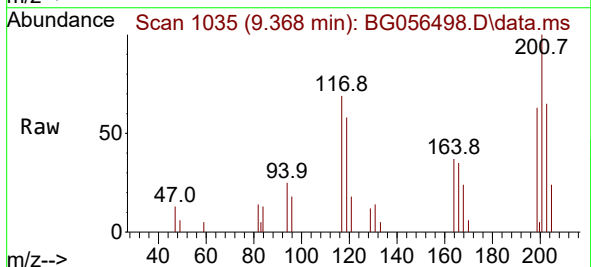
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

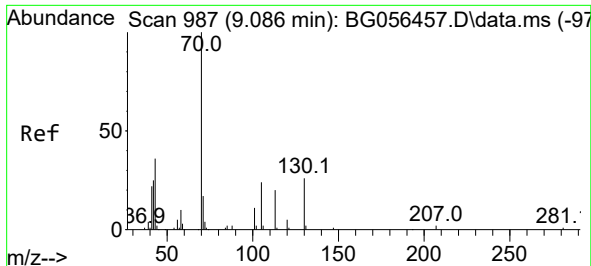
Tgt Ion:	107	Resp:	8194
Ion	Ratio	Lower	Upper
107	100		
108	105.9	83.9	125.9
77	36.5	31.6	47.4
79	42.1	32.4	48.6



#18
Hexachloroethane
Concen: 5.652 ng
RT: 9.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:	117	Resp:	3758
Ion	Ratio	Lower	Upper
117	100		
119	85.0	79.4	119.0
201	145.8	128.5	192.7

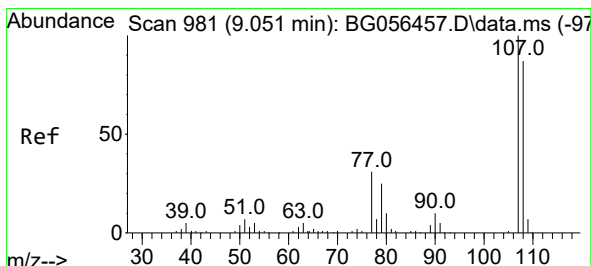
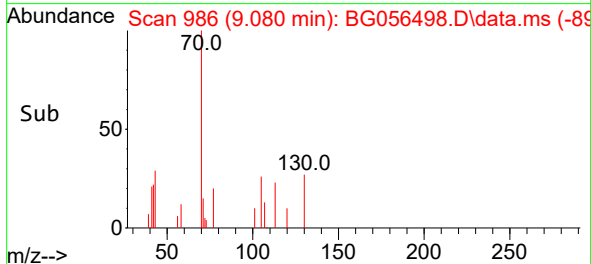
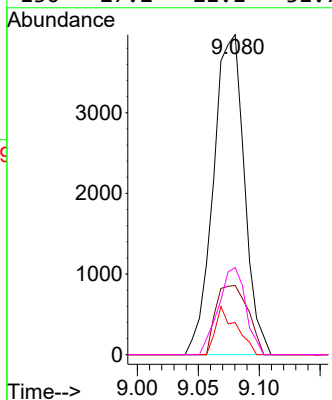
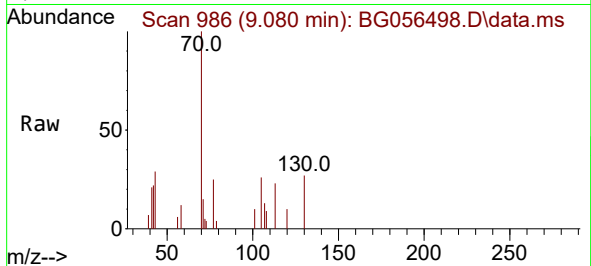




#19
n-Nitroso-di-n-propylamine
Concen: 4.784 ng
RT: 9.080 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

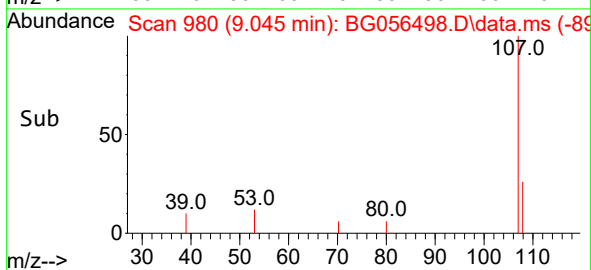
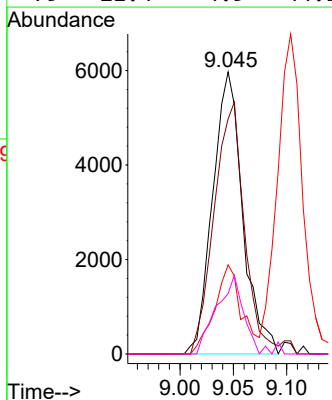
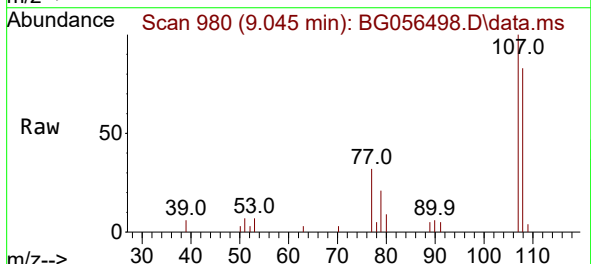
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

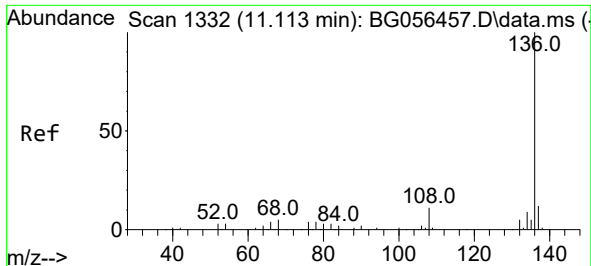
Tgt Ion: 70	Resp: 7011
Ion Ratio	Lower Upper
70 100	
42 21.7	20.2 30.4
101 10.0	9.1 13.7
130 27.2	21.1 31.7



#20
3+4-Methylphenols
Concen: 4.232 ng
RT: 9.045 min Scan# 980
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

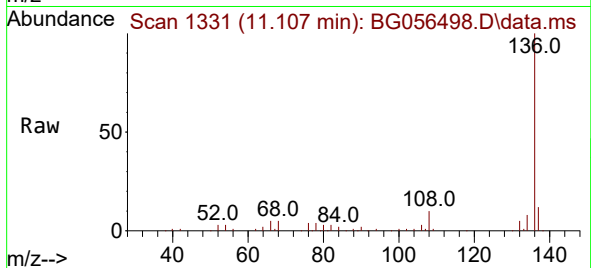
Tgt	Ion:107	Resp:	11661
Ion	Ratio	Lower	Upper
107	100		
108	83.3	66.7	106.7
77	31.6	10.6	50.6
79	21.4	4.9	44.9



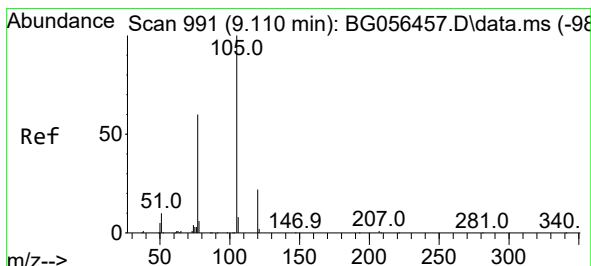
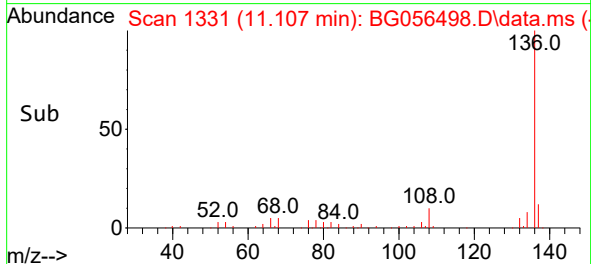
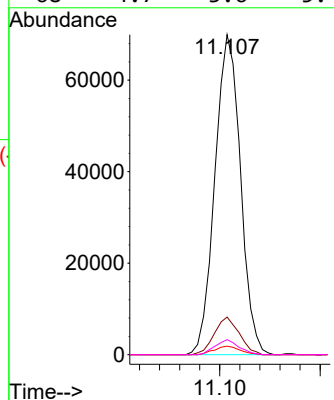


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

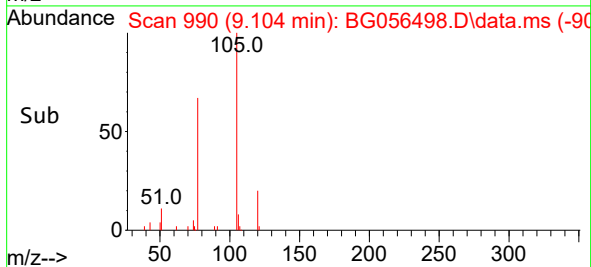
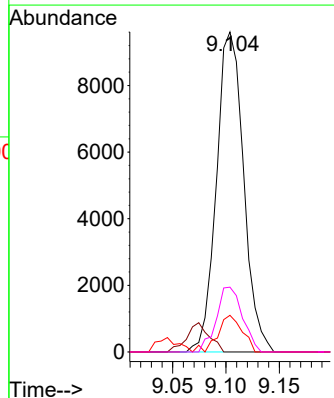
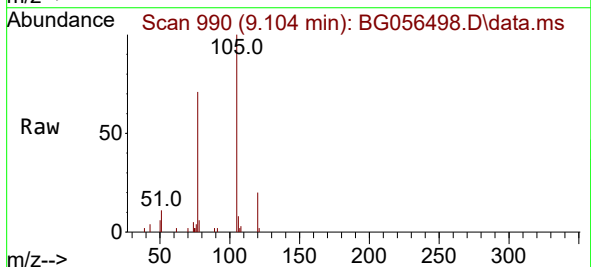


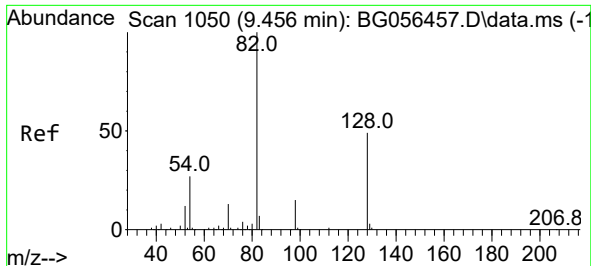
Tgt Ion:136 Resp: 123530
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 2.7 2.2 3.4
68 4.7 3.6 5.4



#22
Acetophenone
Concen: 5.183 ng
RT: 9.104 min Scan# 990
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:105 Resp: 17013
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 11.4 9.2 13.8
120 20.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 71.558 ng

RT: 9.450 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

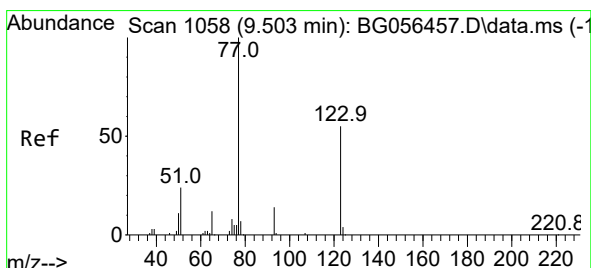
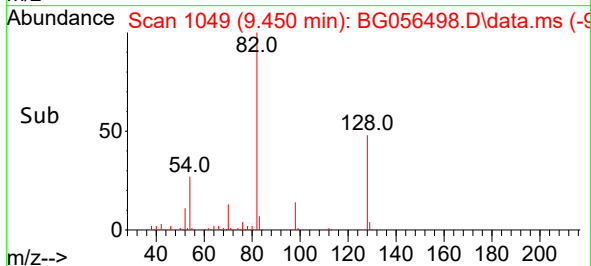
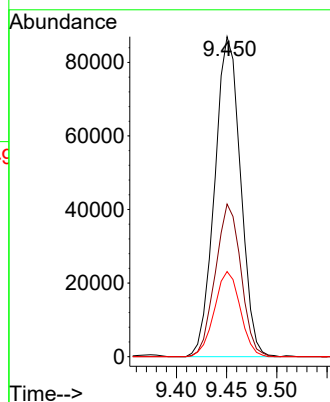
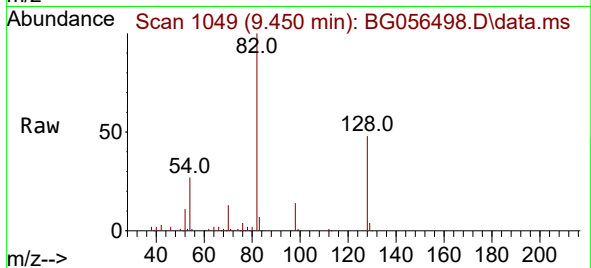
Tgt Ion: 82 Resp: 155667

Ion Ratio Lower Upper

82 100

128 47.7 39.4 59.2

54 26.6 21.4 32.2



#24

Nitrobenzene

Concen: 4.996 ng

RT: 9.492 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

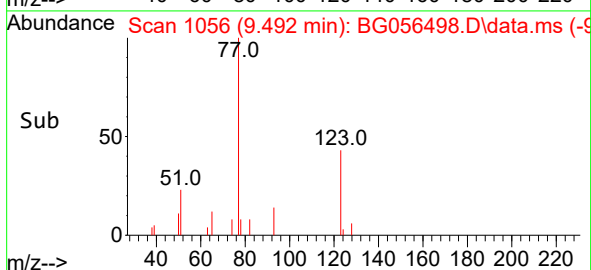
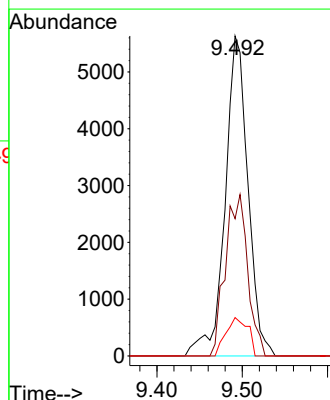
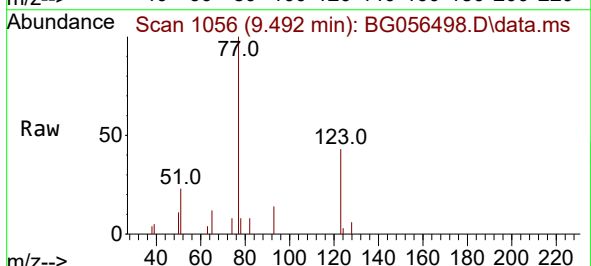
Tgt Ion: 77 Resp: 10483

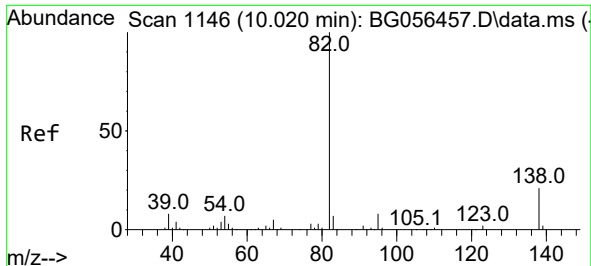
Ion Ratio Lower Upper

77 100

123 42.9 44.0 66.0#

65 12.0 9.7 14.5

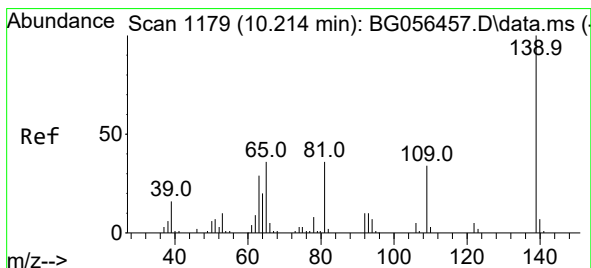
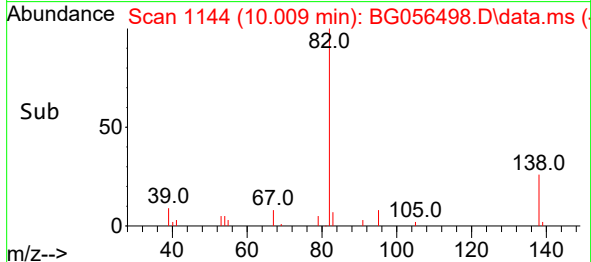
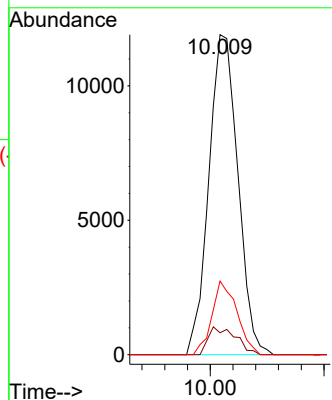
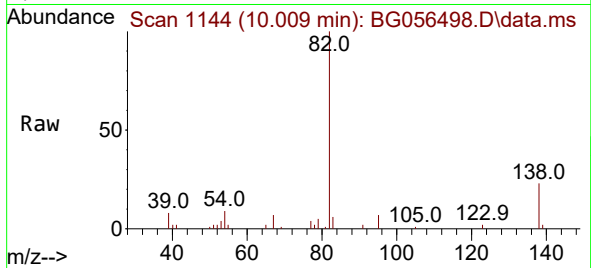




#25
Isophorone
Concen: 4.707 ng
RT: 10.009 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

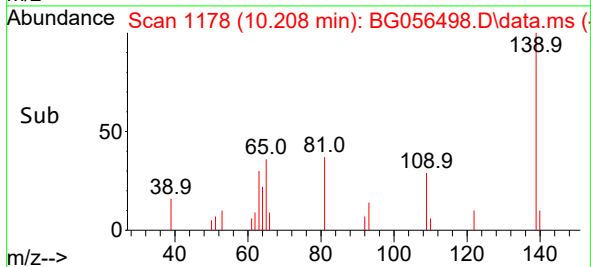
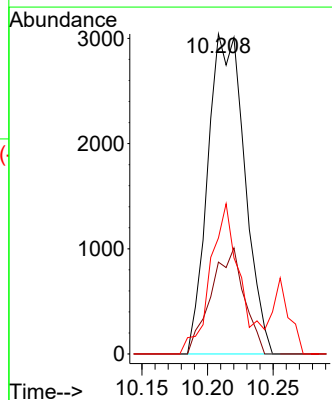
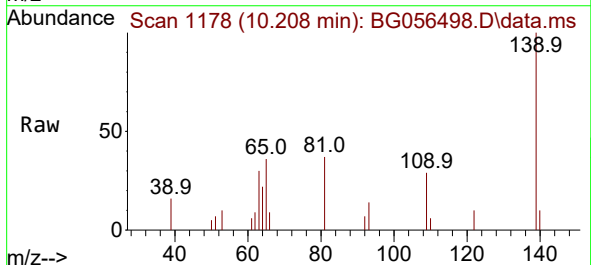
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

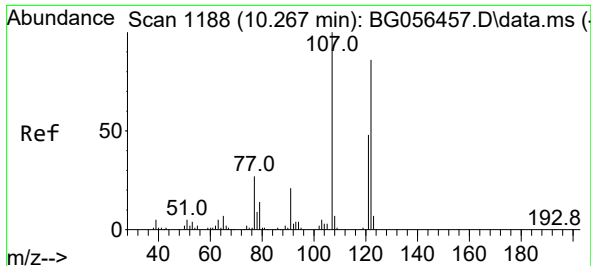
Tgt Ion: 82 Resp: 21124
Ion Ratio Lower Upper
82 100
95 6.9 6.3 9.5
138 23.0 16.6 25.0



#26
2-Nitrophenol
Concen: 4.652 ng
RT: 10.208 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:139 Resp: 5923
Ion Ratio Lower Upper
139 100
109 28.7 26.9 40.3
65 36.3 29.0 43.4

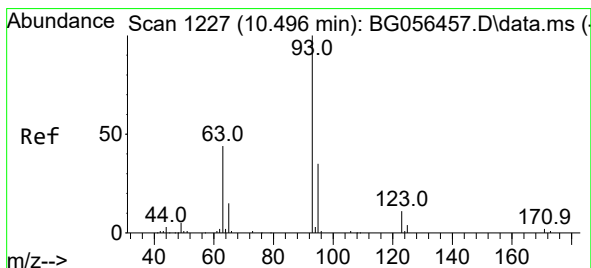
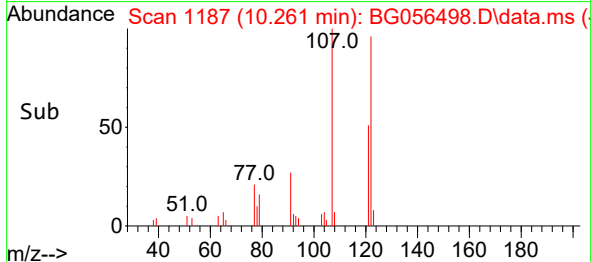
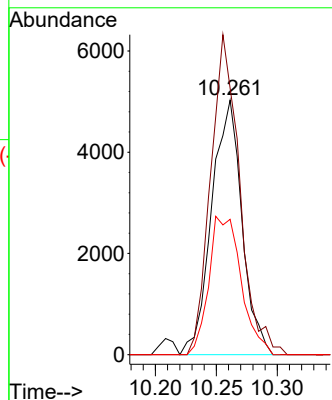
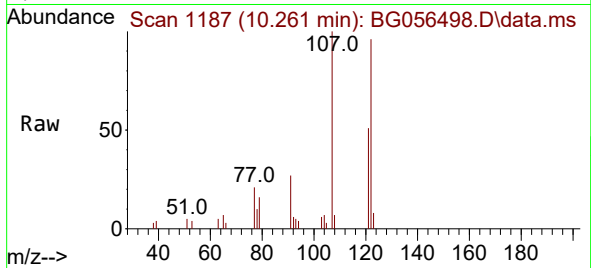




#27
2,4-Dimethylphenol
Concen: 4.087 ng
RT: 10.261 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

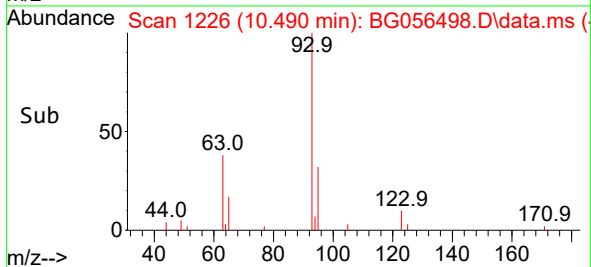
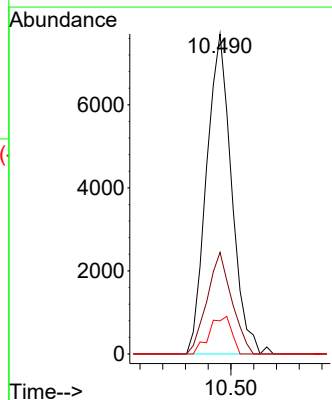
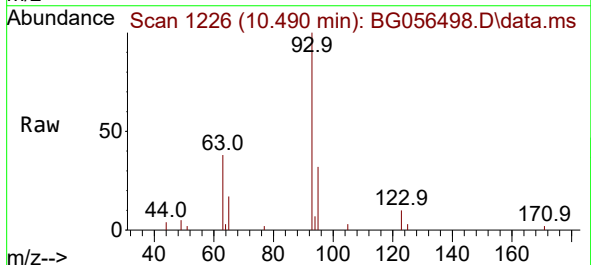
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

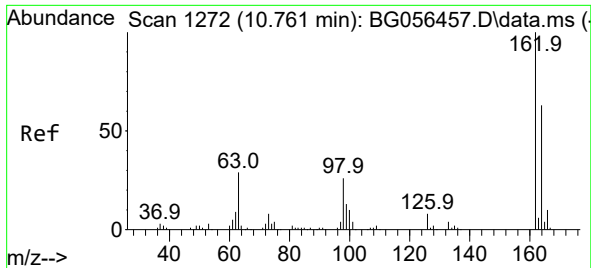
Tgt Ion:122 Resp: 8709
Ion Ratio Lower Upper
122 100
107 104.6 92.9 139.3
121 53.2 45.0 67.4



#28
bis(2-Chloroethoxy)methane
Concen: 4.743 ng
RT: 10.490 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 93 Resp: 11760
Ion Ratio Lower Upper
93 100
95 31.8 27.9 41.9
123 10.3 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 4.745 ng

RT: 10.755 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

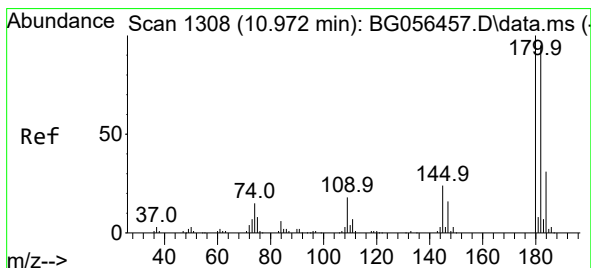
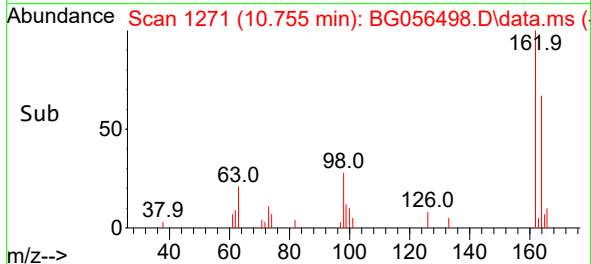
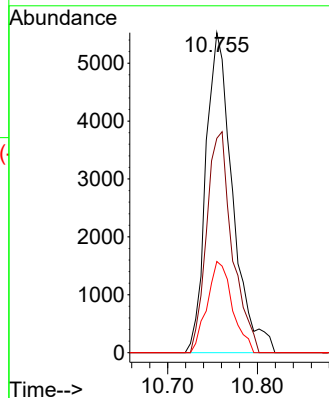
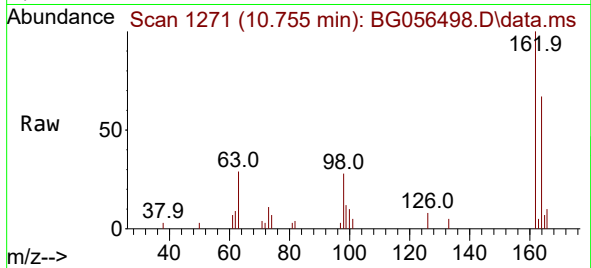
Tgt Ion:162 Resp: 11381

Ion Ratio Lower Upper

162 100

164 67.0 42.8 82.8

98 28.5 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 5.122 ng

RT: 10.966 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

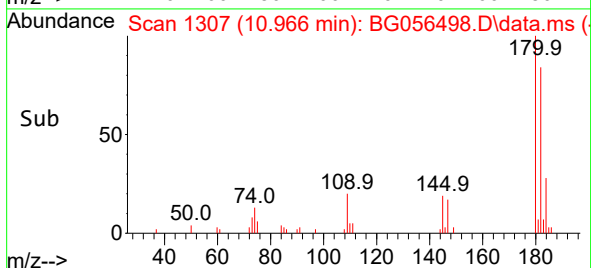
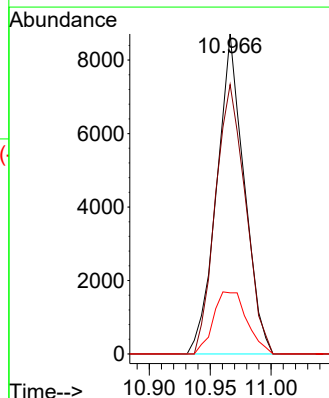
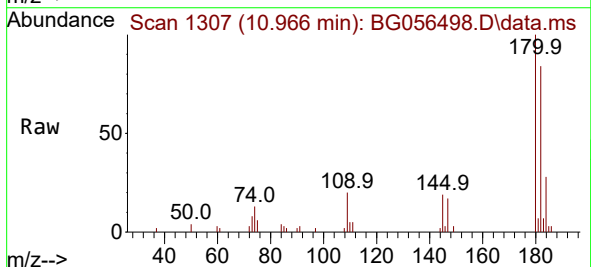
Tgt Ion:180 Resp: 13652

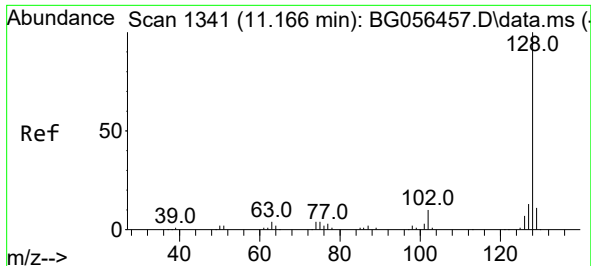
Ion Ratio Lower Upper

180 100

182 84.2 75.9 113.9

145 19.1 19.4 29.0#

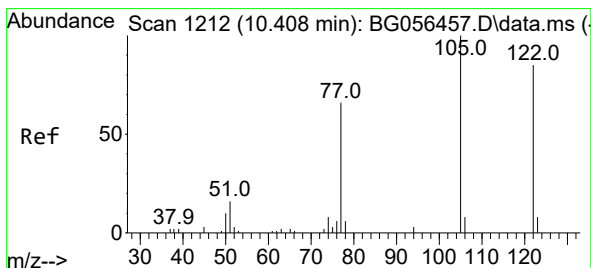
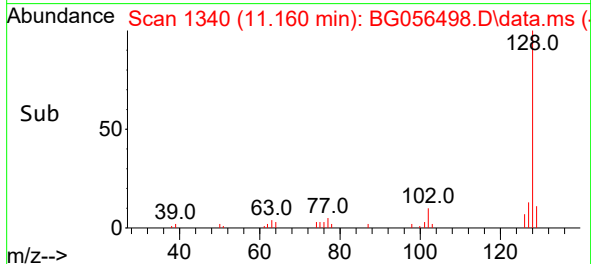
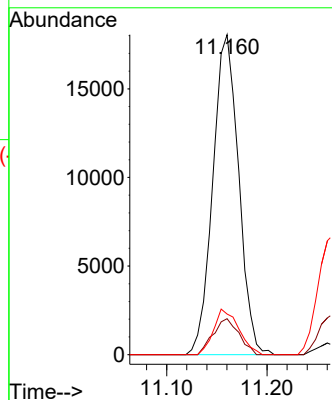
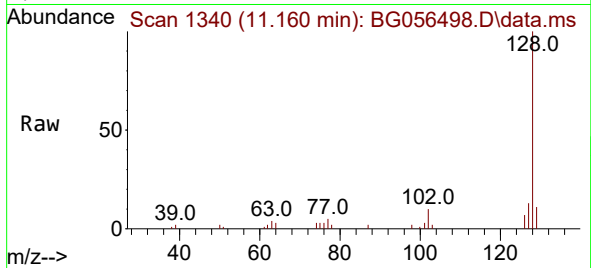




#31
Naphthalene
Concen: 4.947 ng
RT: 11.160 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

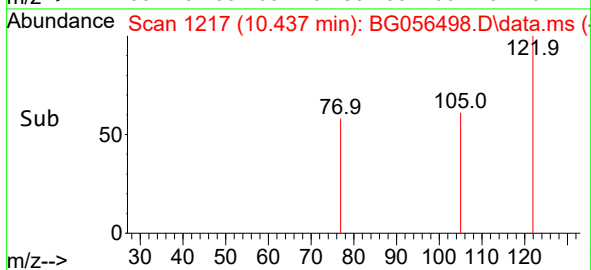
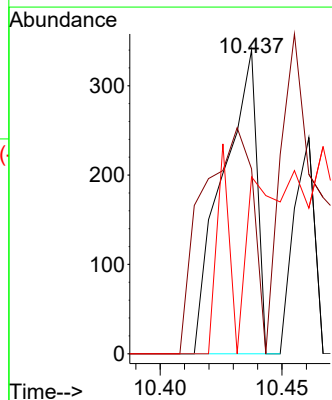
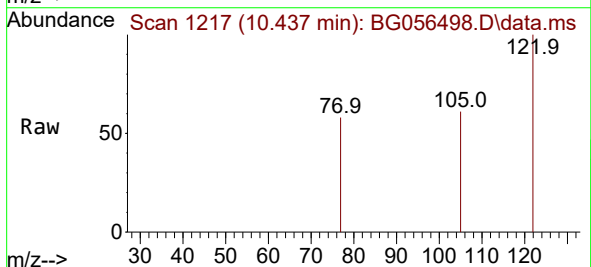
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

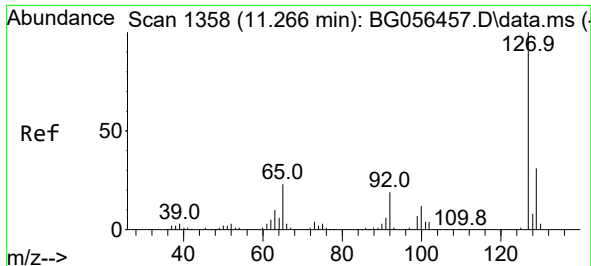
Tgt Ion:128 Resp: 32253
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 0.278 ng
RT: 10.437 min Scan# 1217
Delta R.T. 0.035 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:122 Resp: 331
Ion Ratio Lower Upper
122 100
105 60.9 96.5 136.5#
77 58.2 57.3 97.3

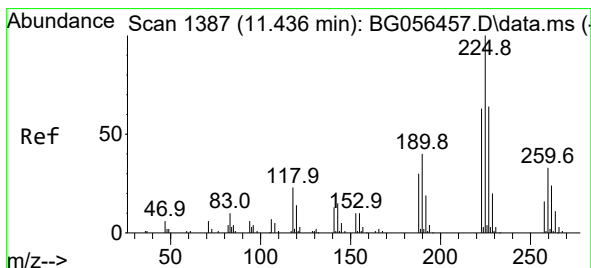
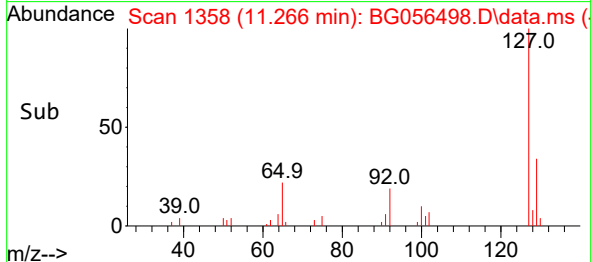
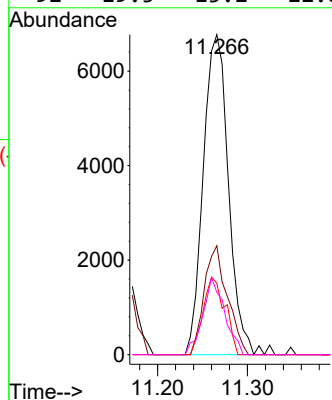
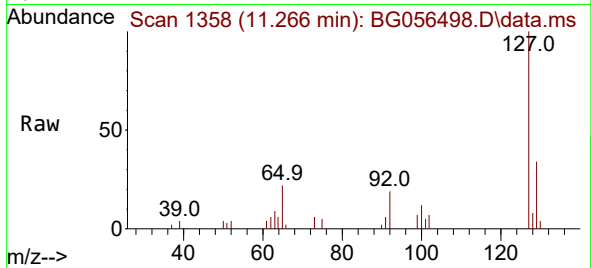




#33
4-Chloroaniline
Concen: 4.351 ng
RT: 11.266 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

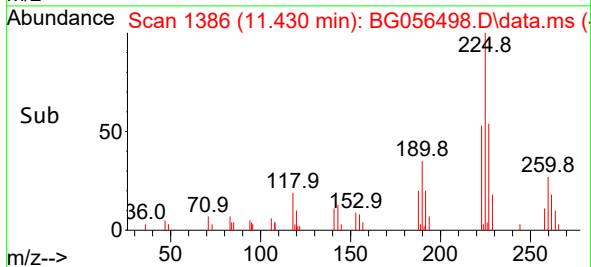
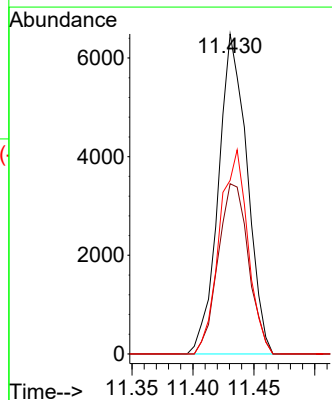
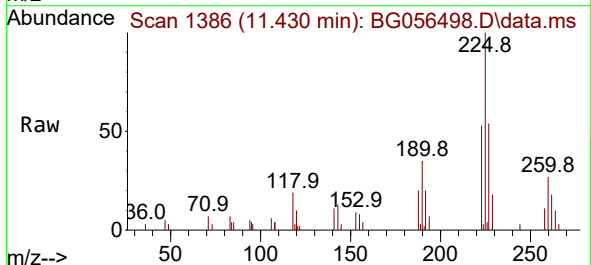
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

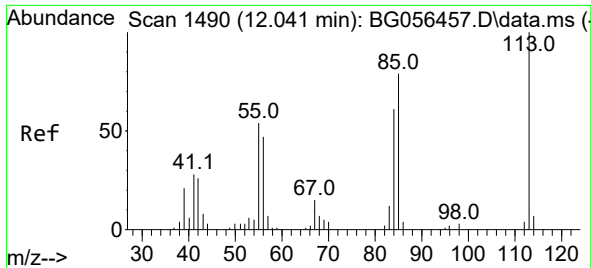
Tgt Ion:	127	Resp:	13242
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.0	37.6
65	22.3	18.5	27.7
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 5.684 ng
RT: 11.430 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:	225	Resp:	10633
Ion	Ratio	Lower	Upper
225	100		
223	53.2	50.6	75.8
227	54.3	53.7	80.5

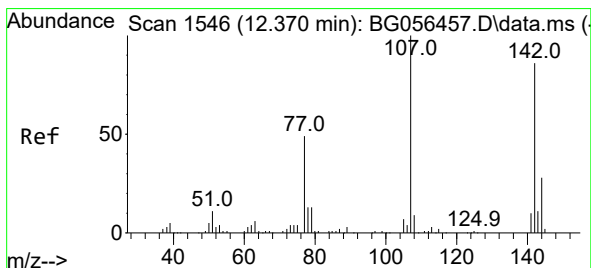
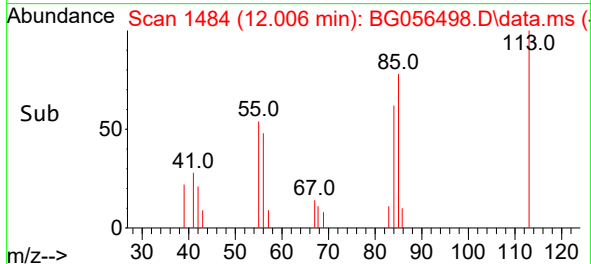
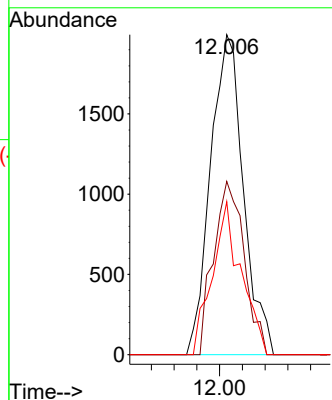
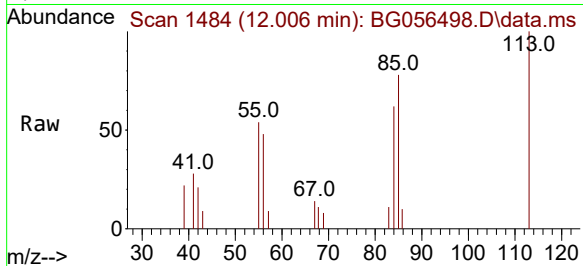




#35
Caprolactam
Concen: 4.942 ng
RT: 12.006 min Scan# 1490
Delta R.T. -0.024 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

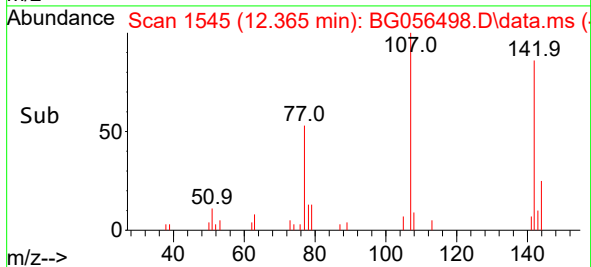
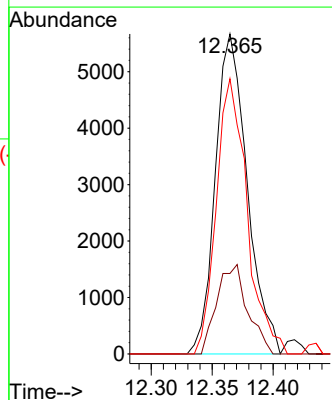
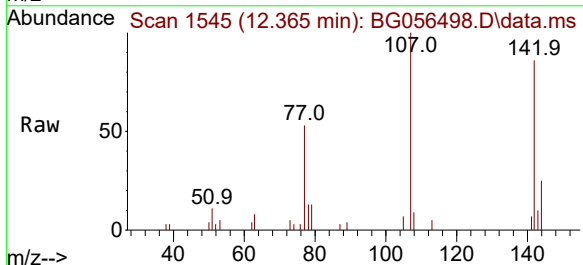
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

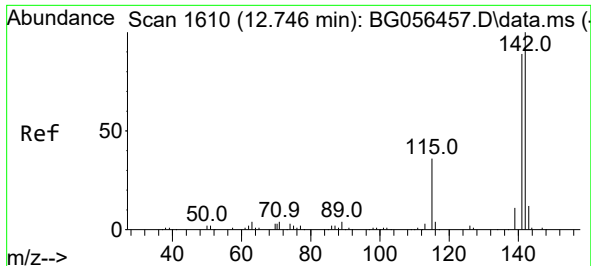
Tgt Ion:113 Resp: 3997
Ion Ratio Lower Upper
113 100
55 54.2 33.7 73.7
56 47.8 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 4.446 ng
RT: 12.365 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:107 Resp: 10297
Ion Ratio Lower Upper
107 100
144 25.1 22.3 33.5
142 86.0 68.9 103.3

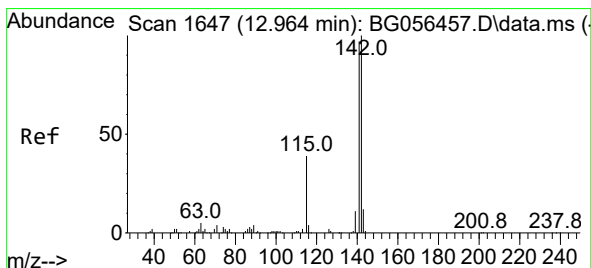
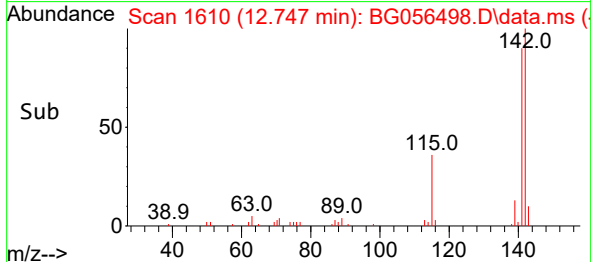
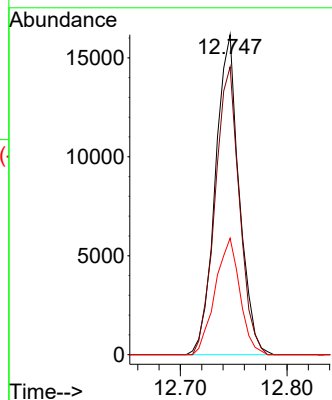
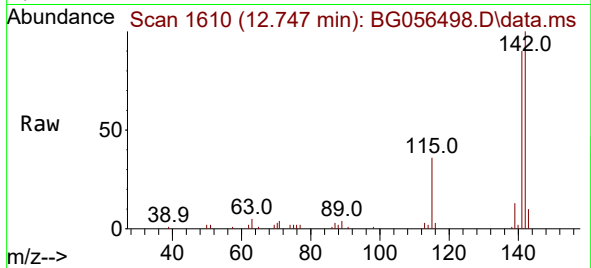




#37
2-Methylnaphthalene
Concen: 4.657 ng
RT: 12.747 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

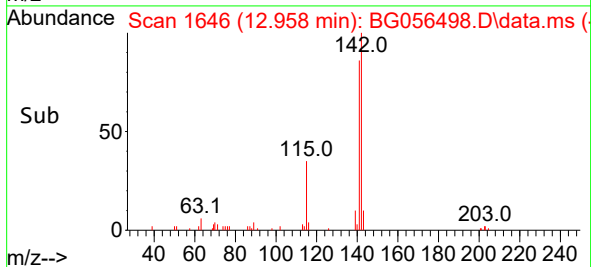
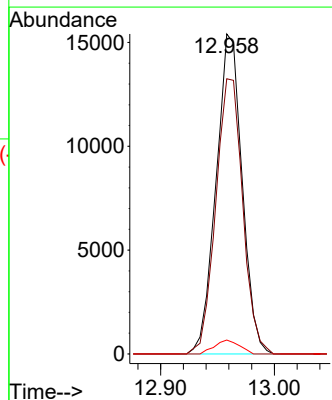
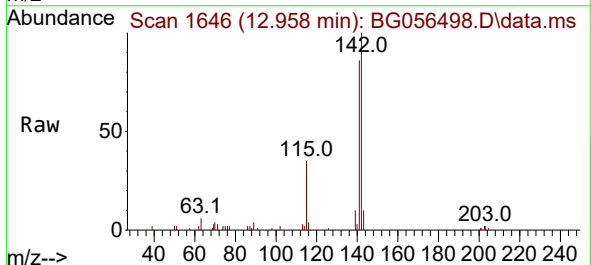
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

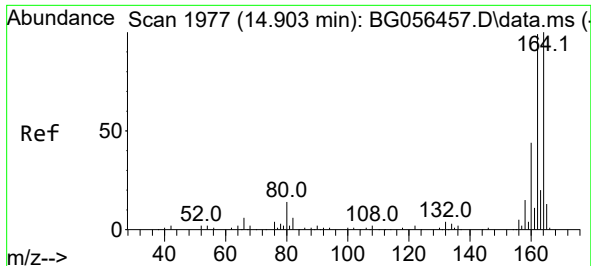
Tgt Ion:142 Resp: 25030
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0
115 36.4 28.4 42.6



#38
1-Methylnaphthalene
Concen: 4.873 ng
RT: 12.958 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:142 Resp: 24465
Ion Ratio Lower Upper
142 100
141 86.0 77.7 116.5
116 4.3 3.4 5.2

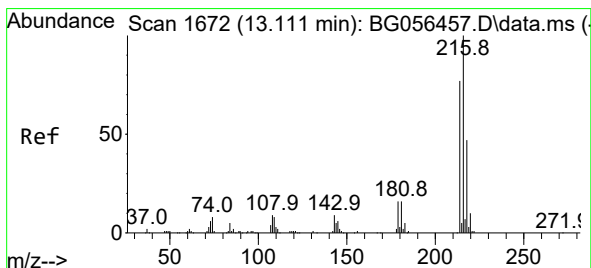
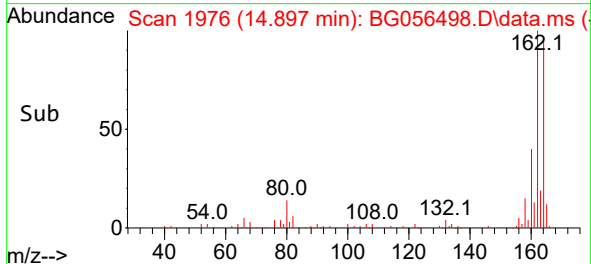
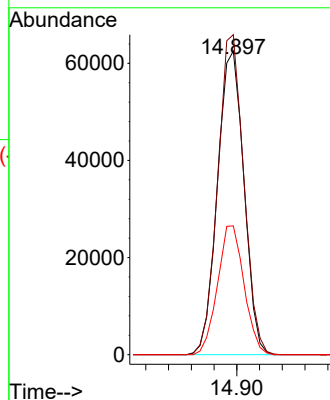
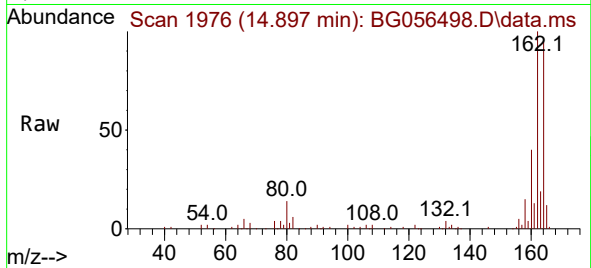




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

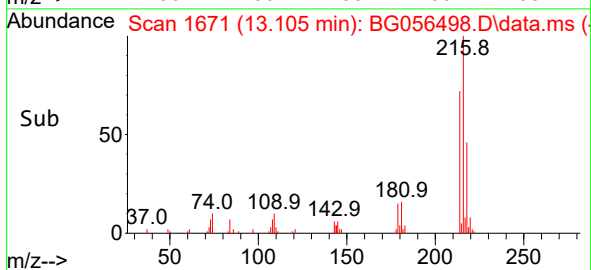
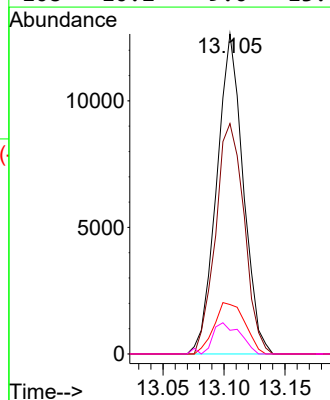
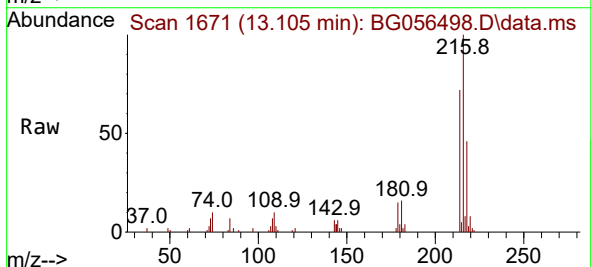
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

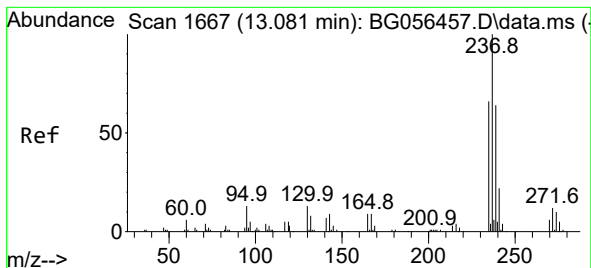
Tgt Ion:164 Resp: 100909
Ion Ratio Lower Upper
164 100
162 105.3 79.6 119.4
160 42.4 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.189 ng
RT: 13.105 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:216 Resp: 19131
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.6
179 18.6 14.1 21.1
108 10.2 9.0 13.6





#41

Hexachlorocyclopentadiene

Concen: 8.247 ng

RT: 13.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

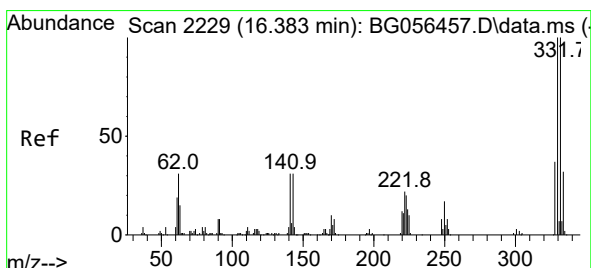
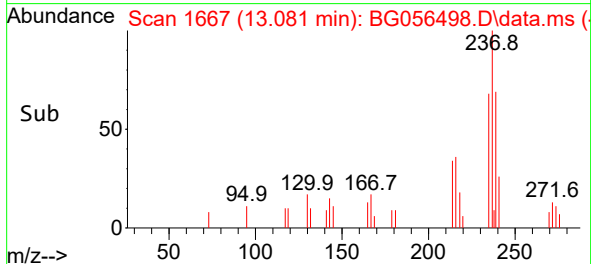
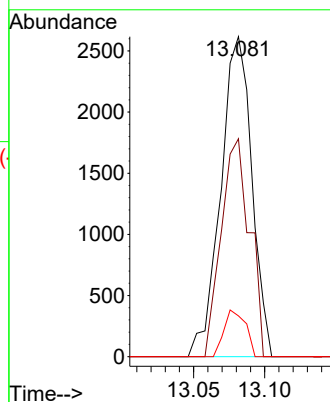
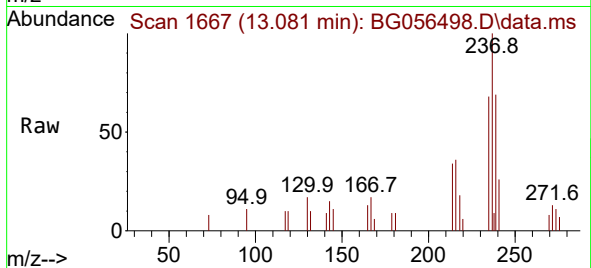
Tgt Ion:237 Resp: 3983

Ion Ratio Lower Upper

237 100

235 68.1 45.6 85.6

272 12.7 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 112.597 ng

RT: 16.378 min Scan# 2228

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

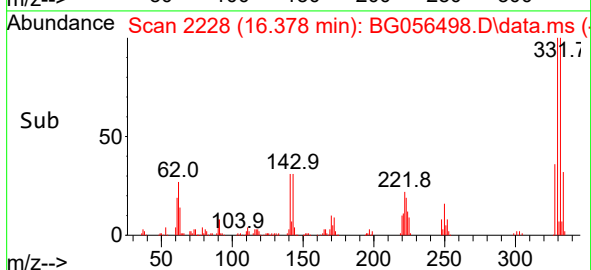
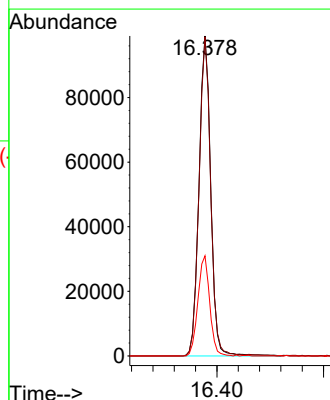
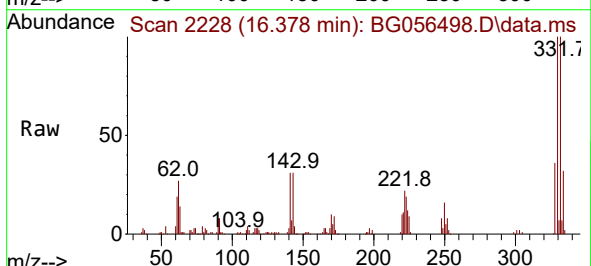
Tgt Ion:330 Resp: 151051

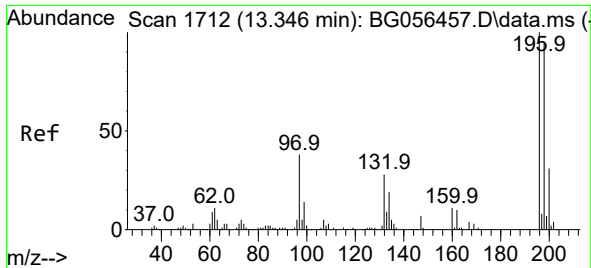
Ion Ratio Lower Upper

330 100

332 98.2 79.0 118.6

141 31.5 24.2 36.4

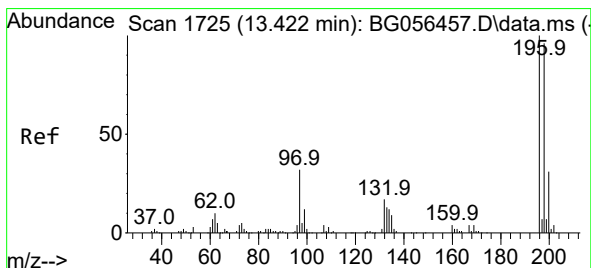
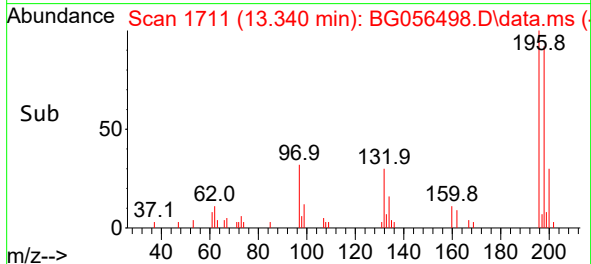
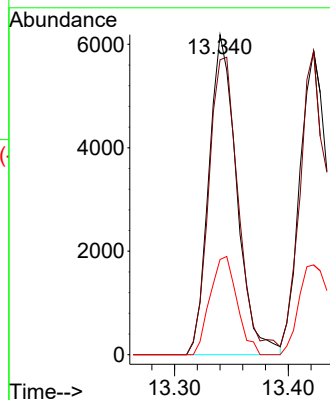
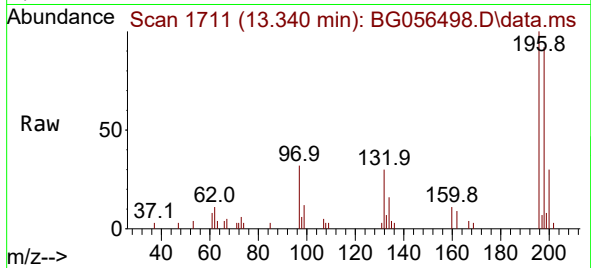




#43
2,4,6-Trichlorophenol
Concen: 4.450 ng
RT: 13.340 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

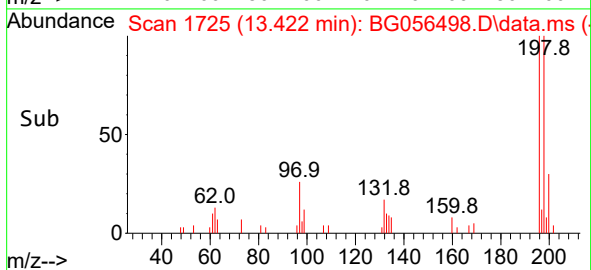
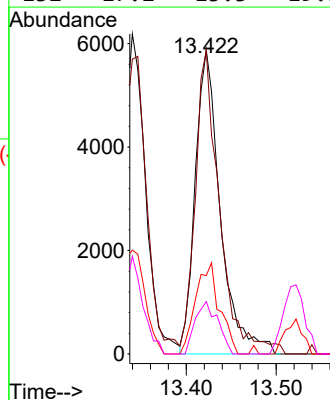
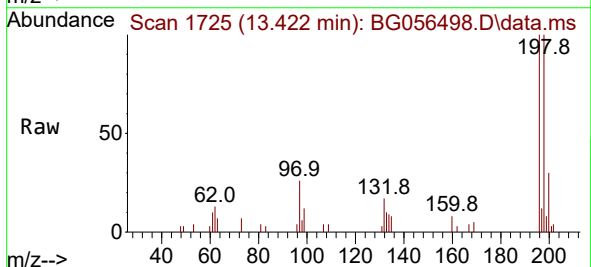
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

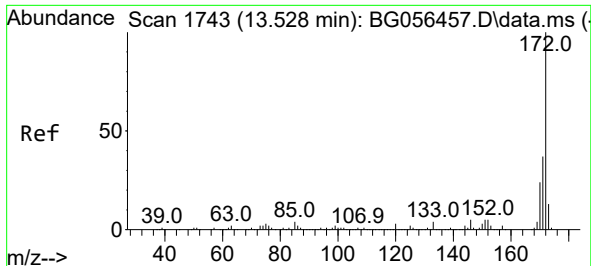
Tgt Ion:196 Resp: 10572
Ion Ratio Lower Upper
196 100
198 92.2 75.4 113.0
200 29.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 4.101 ng
RT: 13.422 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:196 Resp: 11407
Ion Ratio Lower Upper
196 100
198 99.9 76.9 115.3
97 25.8 25.8 38.6
132 17.2 13.3 19.9

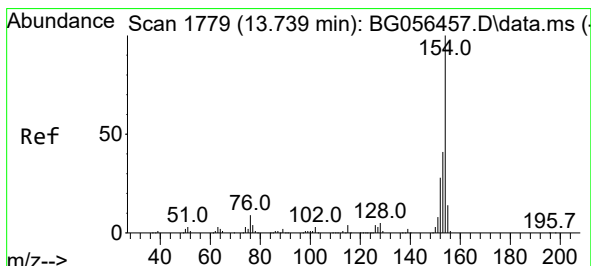
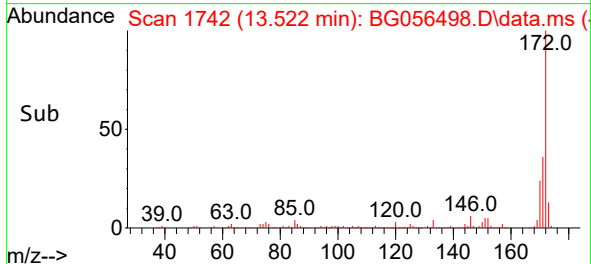
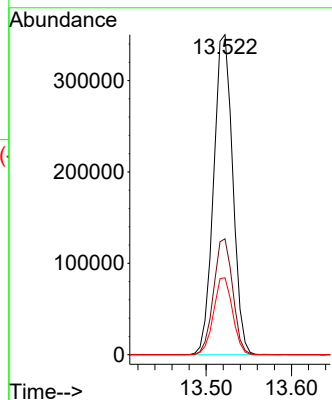
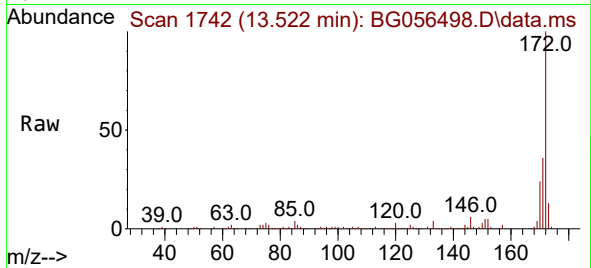




#45
2-Fluorobiphenyl
Concen: 74.843 ng
RT: 13.522 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

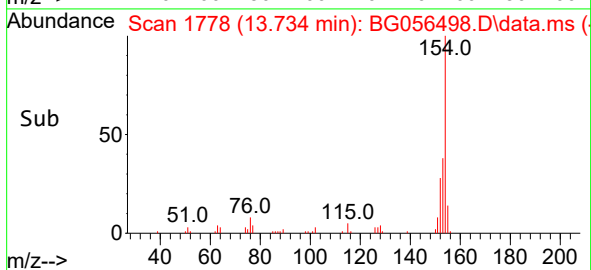
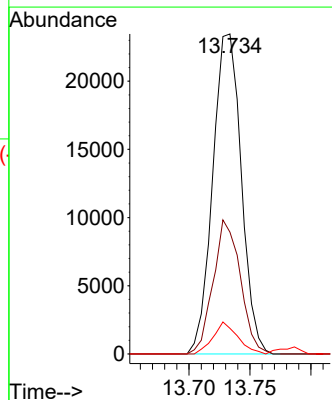
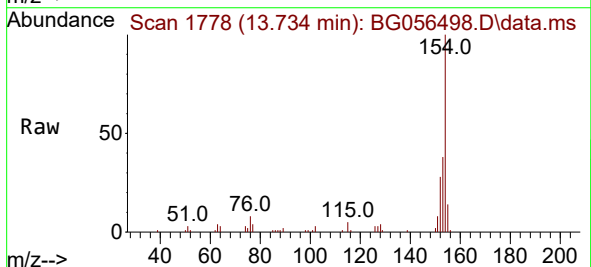
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

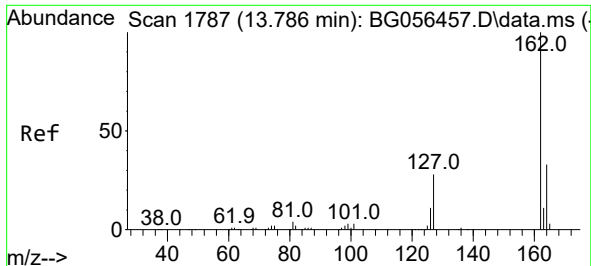
Tgt Ion:172 Resp: 544732
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.1 19.2 28.8



#46
1,1'-Biphenyl
Concen: 5.221 ng
RT: 13.734 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:154 Resp: 38216
Ion Ratio Lower Upper
154 100
153 38.1 21.5 61.5
76 8.0 0.0 28.8

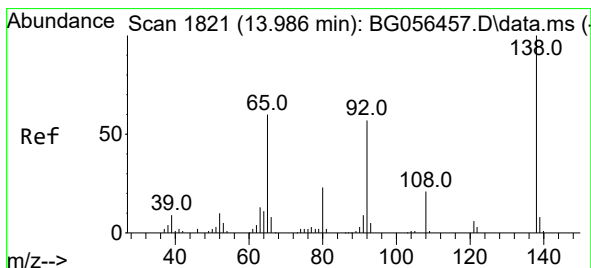
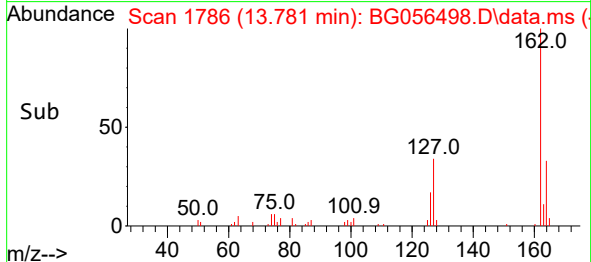
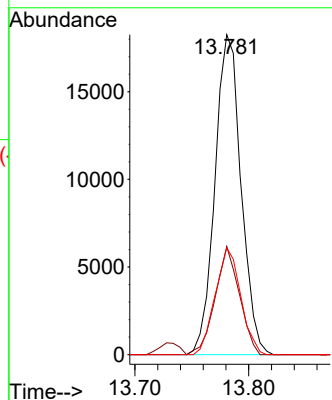
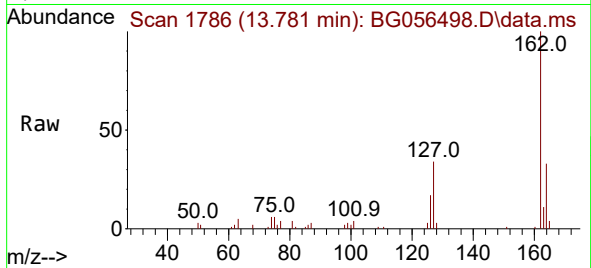




#47
2-Chloronaphthalene
Concen: 5.089 ng
RT: 13.781 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

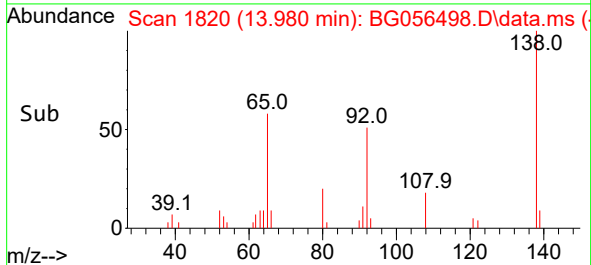
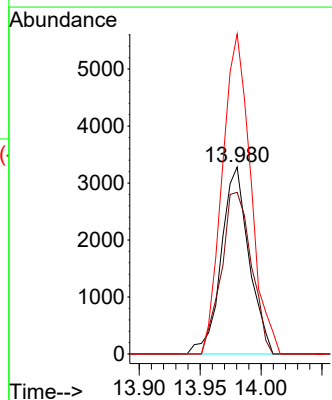
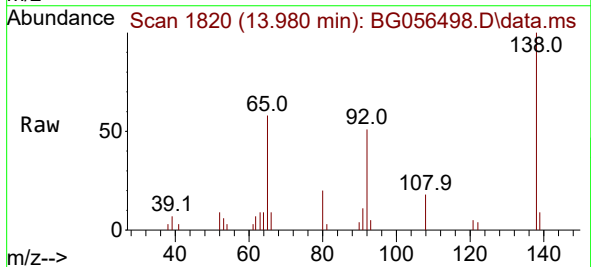
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

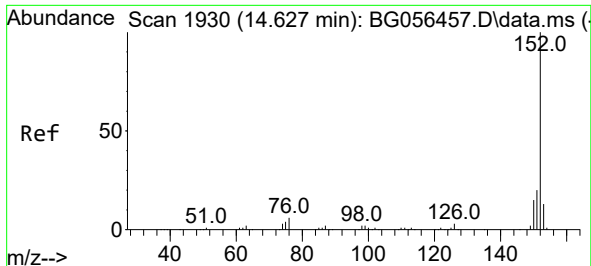
Tgt Ion:162 Resp: 29113
Ion Ratio Lower Upper
162 100
127 33.8 25.2 37.8
164 33.4 26.2 39.2



#48
2-Nitroaniline
Concen: 4.402 ng
RT: 13.980 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 65 Resp: 5206
Ion Ratio Lower Upper
65 100
92 86.5 75.8 113.6
138 171.3 133.2 199.8

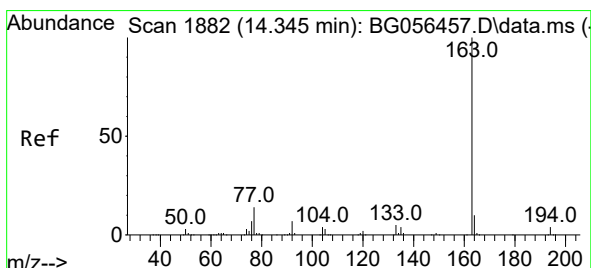
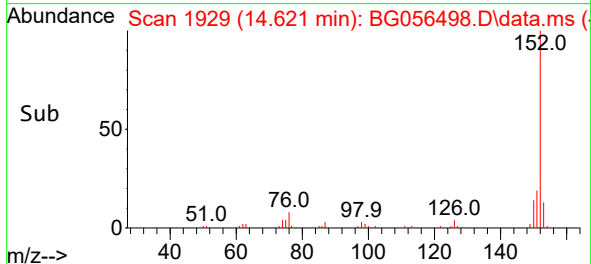
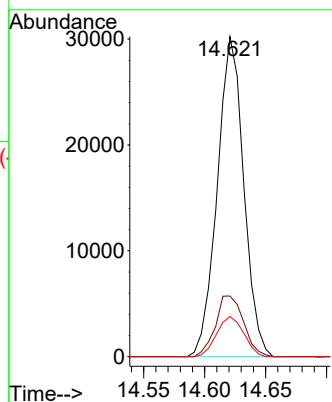
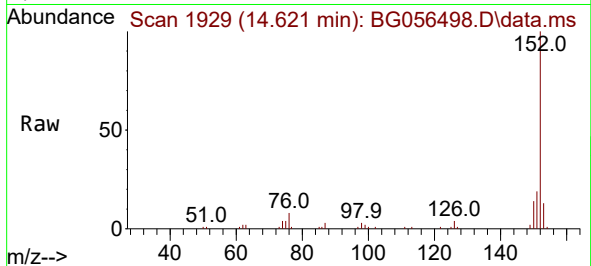




#49
Acenaphthylene
Concen: 4.901 ng
RT: 14.621 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

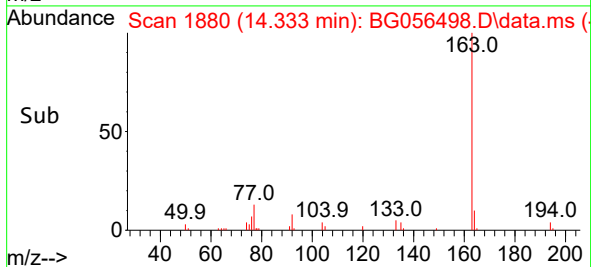
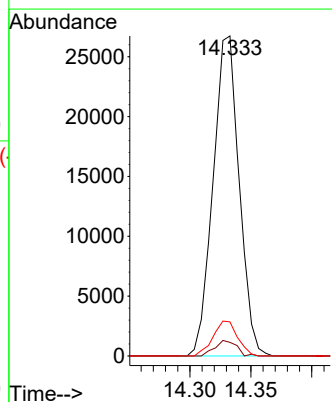
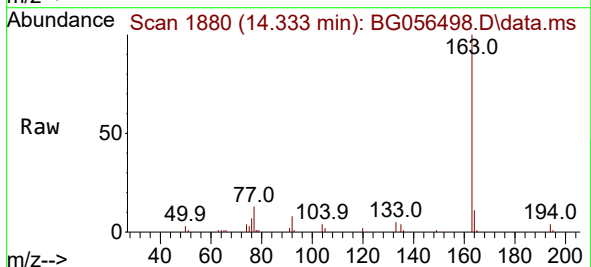
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

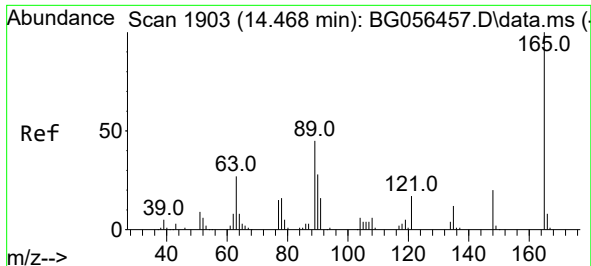
Tgt Ion:152 Resp: 45617
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 12.6 10.5 15.7



#50
Dimethylphthalate
Concen: 4.881 ng
RT: 14.333 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:163 Resp: 39844
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.7 8.1 12.1

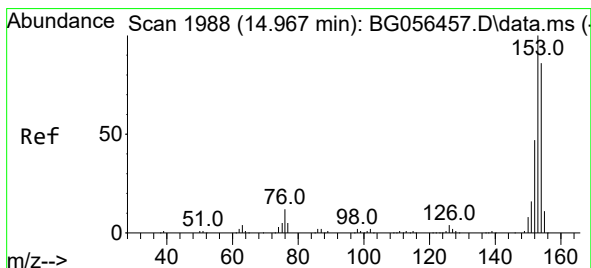
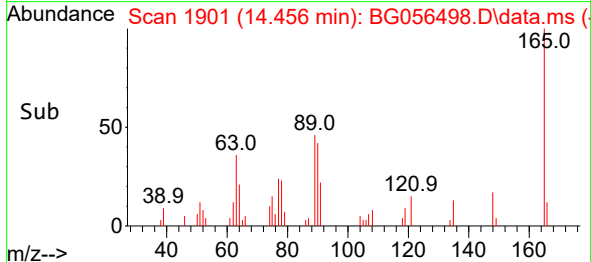
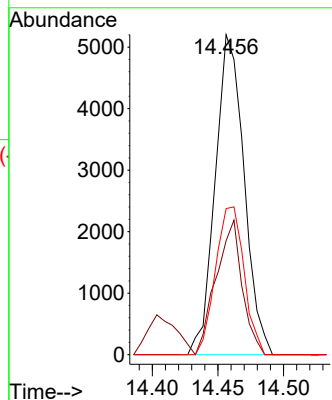
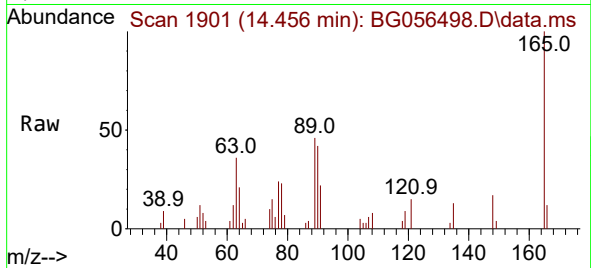




#51
2,6-Dinitrotoluene
Concen: 4.463 ng
RT: 14.456 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

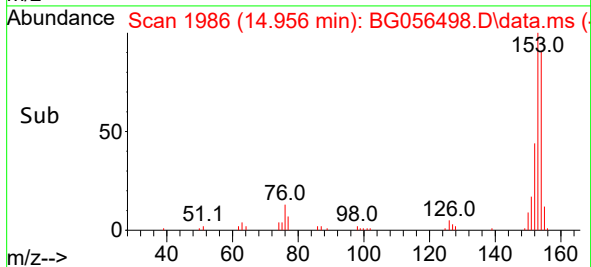
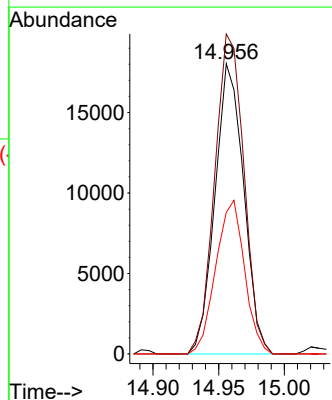
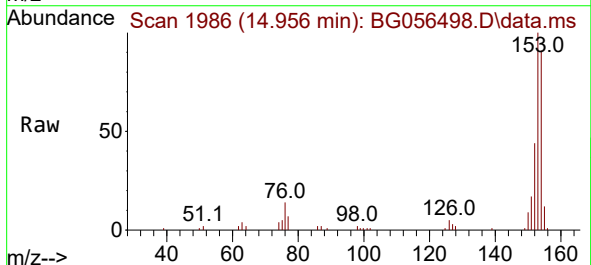
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

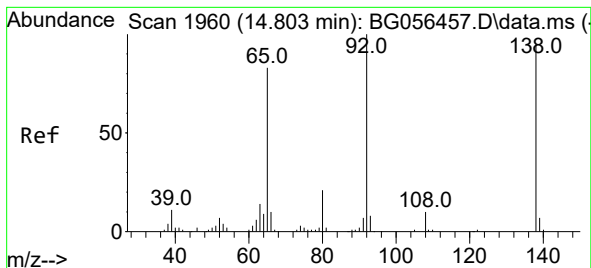
Tgt Ion:165 Resp: 7945
Ion Ratio Lower Upper
165 100
63 35.6 26.9 40.3
89 45.6 35.6 53.4



#52
Acenaphthene
Concen: 4.966 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

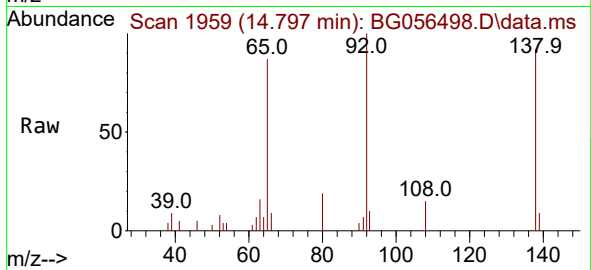
Tgt Ion:154 Resp: 27408
Ion Ratio Lower Upper
154 100
153 110.2 93.4 140.0
152 48.8 43.4 65.2



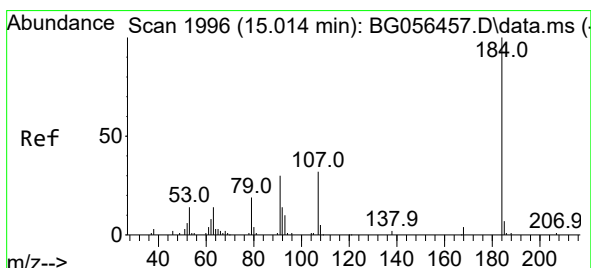
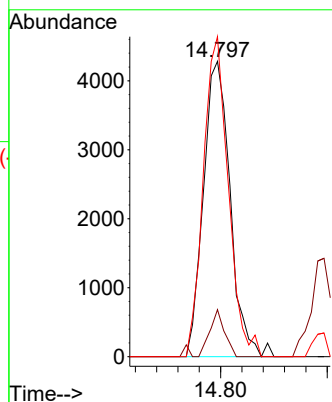
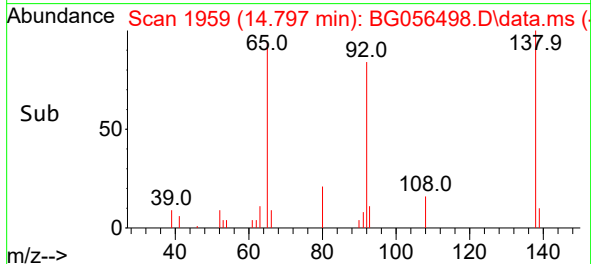


#53
3-Nitroaniline
Concen: 4.333 ng
RT: 14.797 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

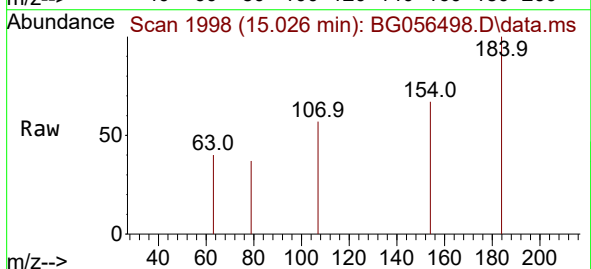
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



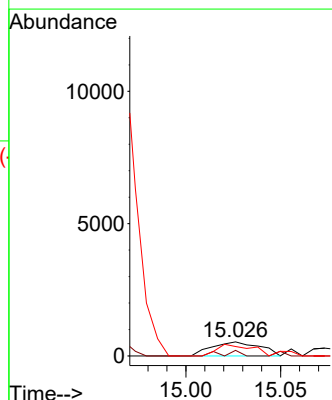
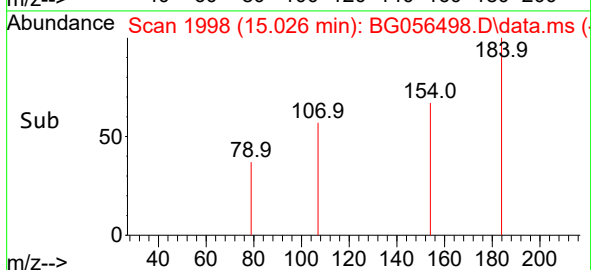
Tgt Ion:138 Resp: 7479
Ion Ratio Lower Upper
138 100
108 16.0 8.0 12.0#
92 108.4 84.1 126.1

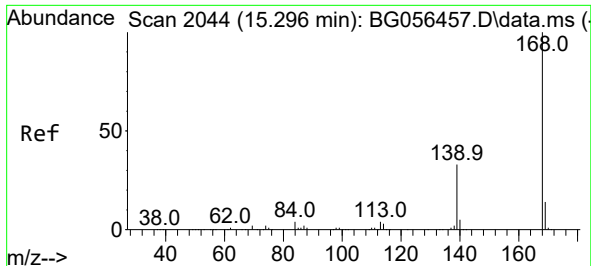


#54
2,4-Dinitrophenol
Concen: 0.842 ng
RT: 15.026 min Scan# 1998
Delta R.T. 0.018 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



Tgt Ion:184 Resp: 940
Ion Ratio Lower Upper
184 100
63 39.7 25.1 37.7#
154 67.3 44.8 67.2#

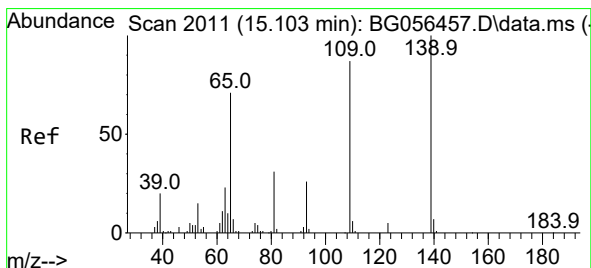
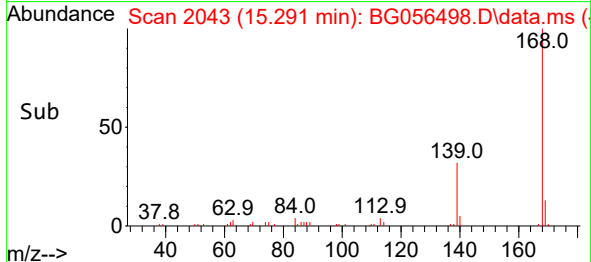
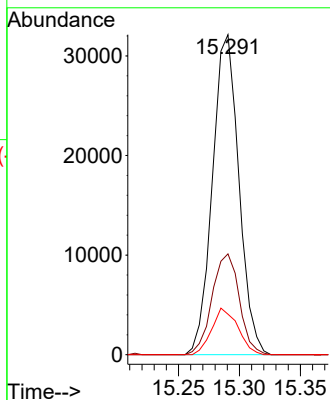
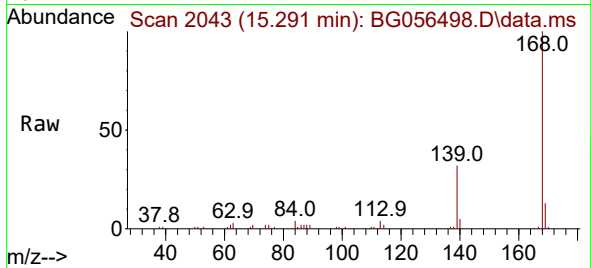




#55
Dibenzofuran
Concen: 4.900 ng
RT: 15.291 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

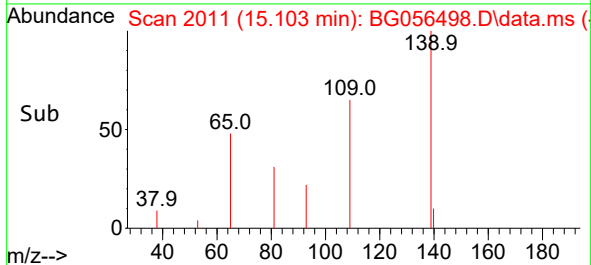
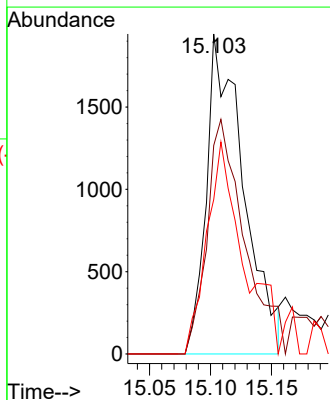
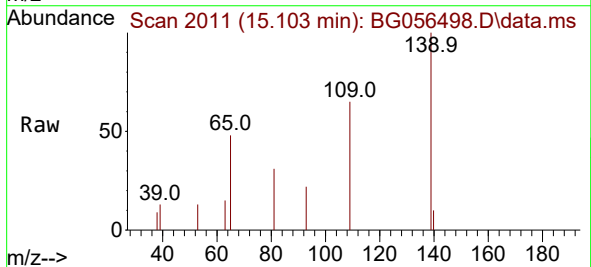
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

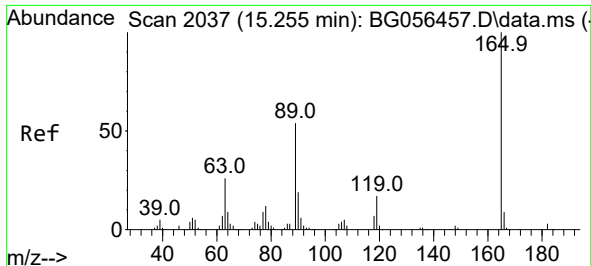
Tgt Ion:168 Resp: 48500
Ion Ratio Lower Upper
168 100
139 31.5 26.2 39.2
169 12.7 11.0 16.6



#56
4-Nitrophenol
Concen: 3.498 ng
RT: 15.103 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:139 Resp: 4126
Ion Ratio Lower Upper
139 100
109 65.2 67.5 107.5#
65 48.3 50.7 90.7#





#57

2,4-Dinitrotoluene

Concen: 4.573 ng

RT: 15.249 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BG056498.D

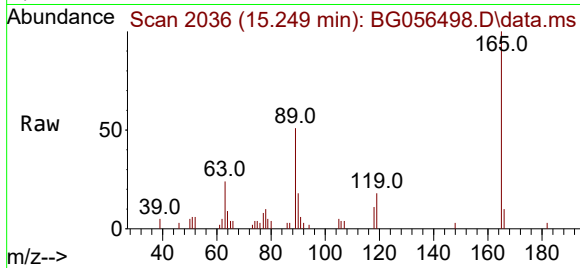
Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 11469

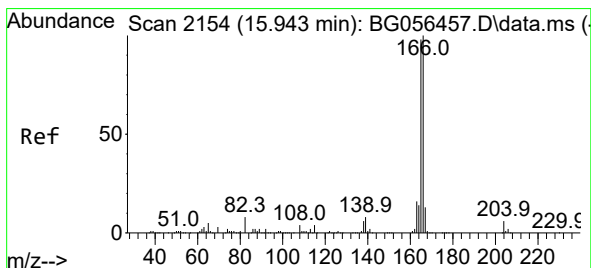
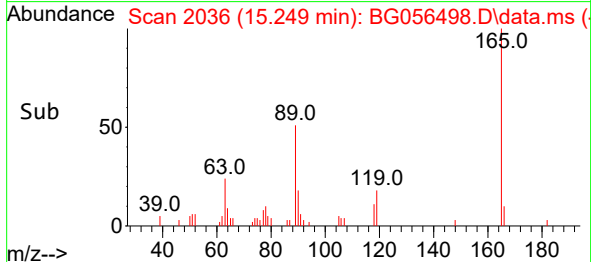
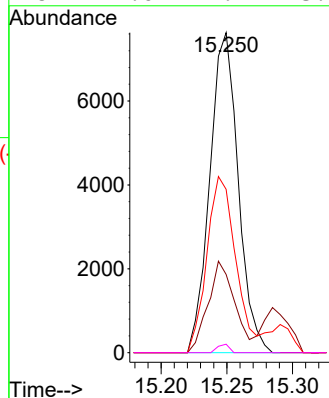
Ion Ratio Lower Upper

165 100

63 24.5 20.6 31.0

89 51.1 43.1 64.7

182 2.6 2.4 3.6



#58

Fluorene

Concen: 4.998 ng

RT: 15.937 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

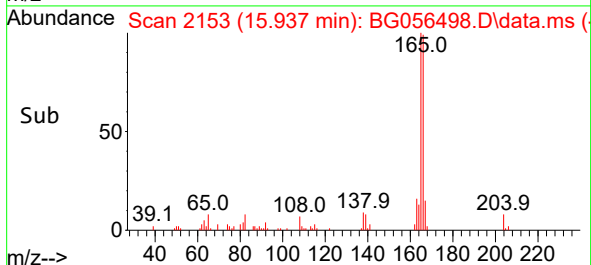
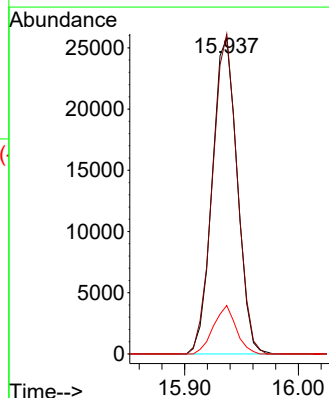
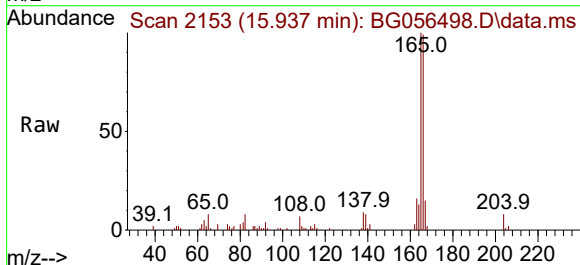
Tgt Ion:166 Resp: 39368

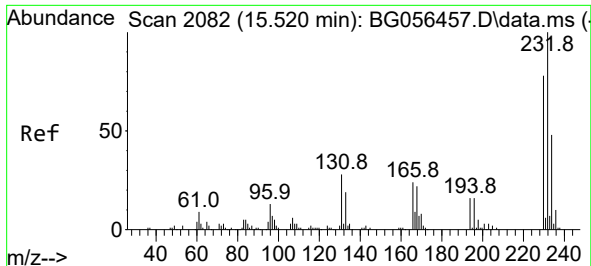
Ion Ratio Lower Upper

166 100

165 101.3 78.8 118.2

167 15.3 10.6 15.8

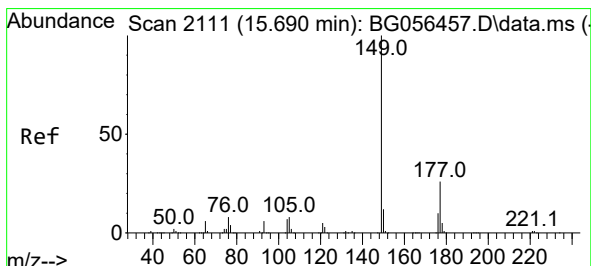
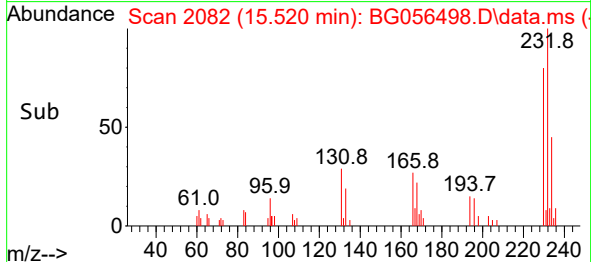
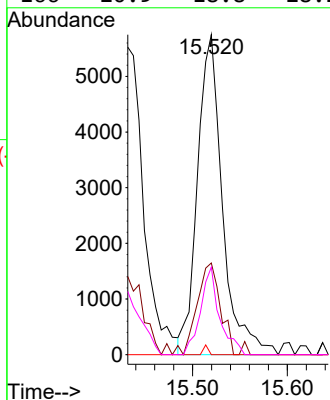
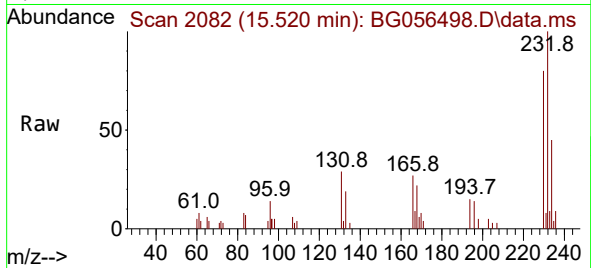




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.275 ng
RT: 15.520 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

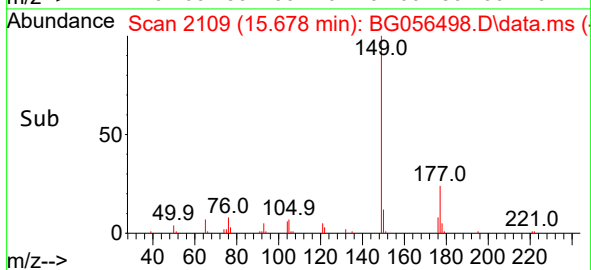
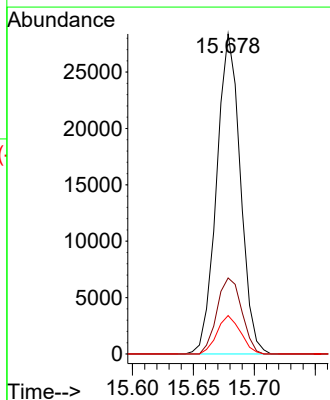
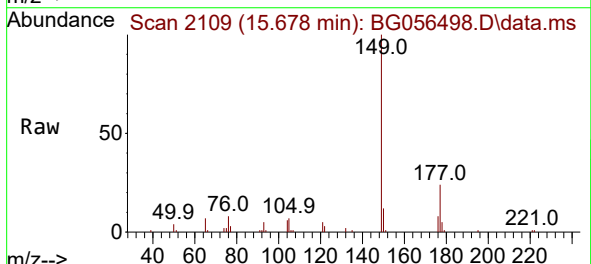
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

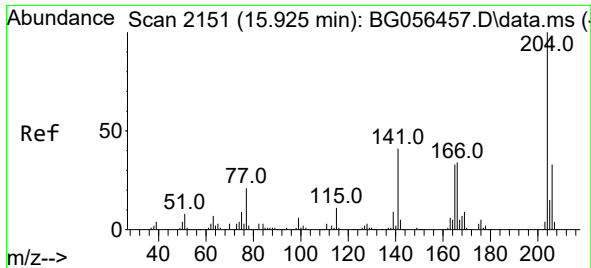
Tgt Ion:232 Resp: 10573
Ion Ratio Lower Upper
232 100
131 26.6 22.8 34.2
130 0.6 1.4 2.0#
166 20.9 18.8 28.2



#60
Diethylphthalate
Concen: 5.010 ng
RT: 15.678 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:149 Resp: 38408
Ion Ratio Lower Upper
149 100
177 23.8 21.0 31.4
150 12.0 9.9 14.9

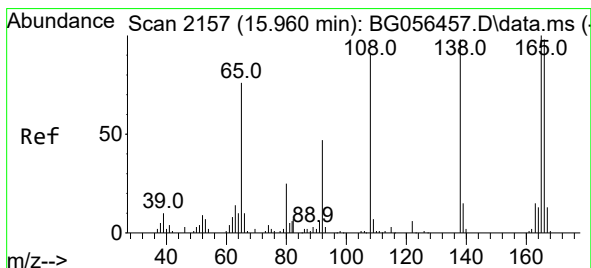
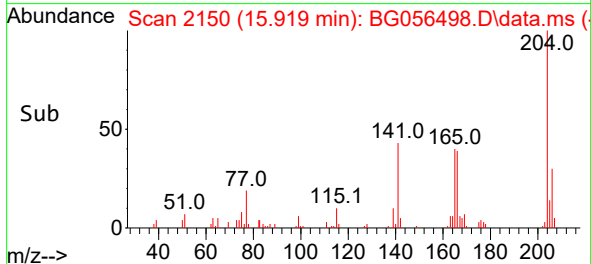
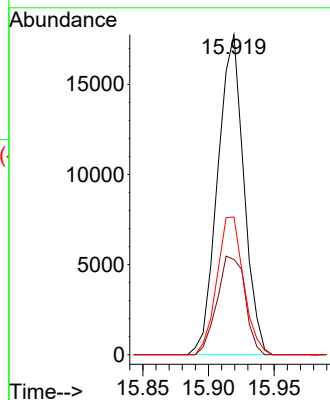
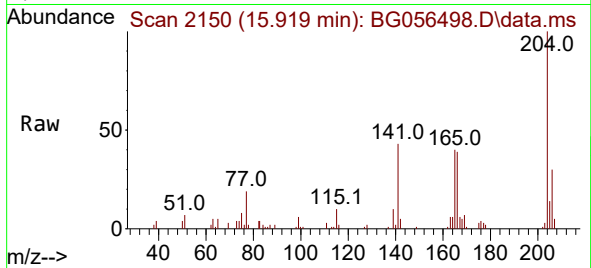




#61
4-Chlorophenyl-phenylether
Concen: 5.118 ng
RT: 15.919 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

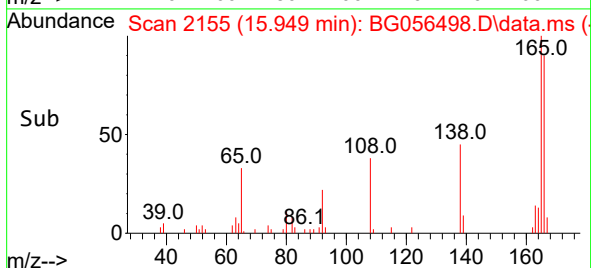
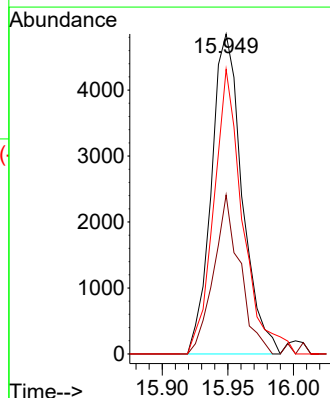
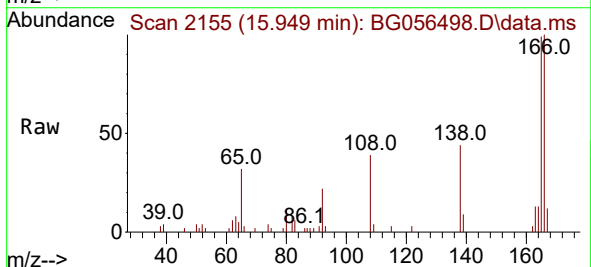
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

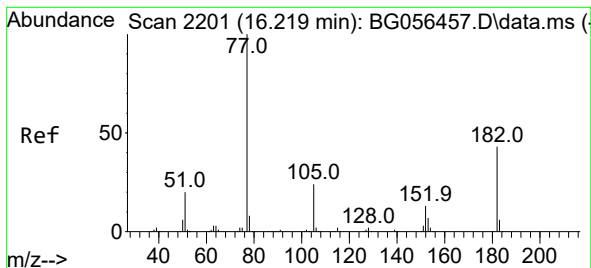
Tgt Ion:204 Resp: 24600
Ion Ratio Lower Upper
204 100
206 29.8 26.2 39.4
141 43.0 32.7 49.1



#62
4-Nitroaniline
Concen: 4.587 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:138 Resp: 7922
Ion Ratio Lower Upper
138 100
92 49.7 27.8 67.8
108 89.0 72.6 112.6





#63

Azobenzene

Concen: 4.818 ng

RT: 16.207 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 25415

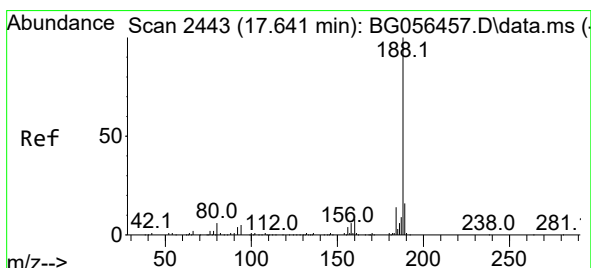
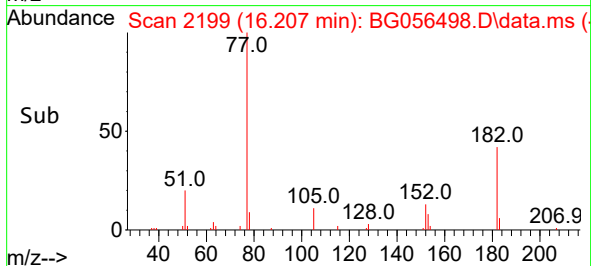
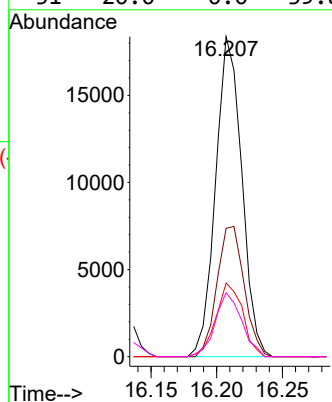
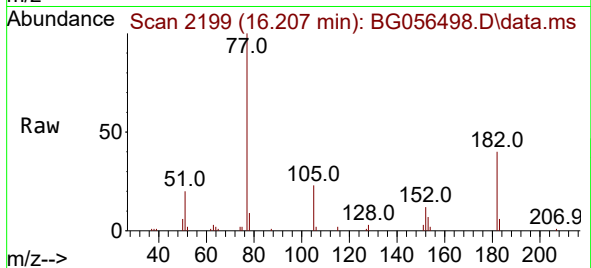
Ion Ratio Lower Upper

77 100

182 40.1 23.1 63.1

105 23.0 4.2 44.2

51 20.0 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.629 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

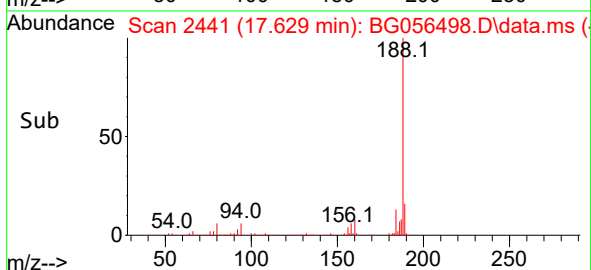
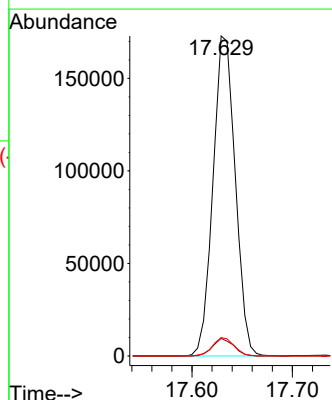
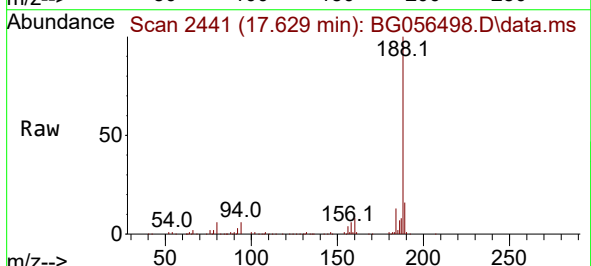
Tgt Ion:188 Resp: 266067

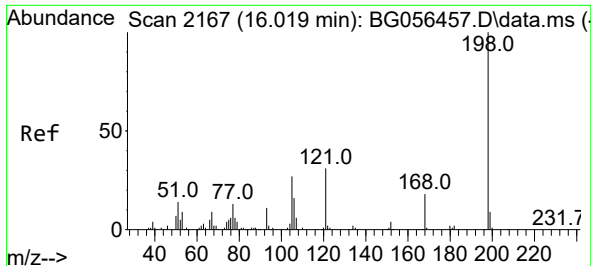
Ion Ratio Lower Upper

188 100

94 5.5 4.1 6.1

80 5.8 5.0 7.4

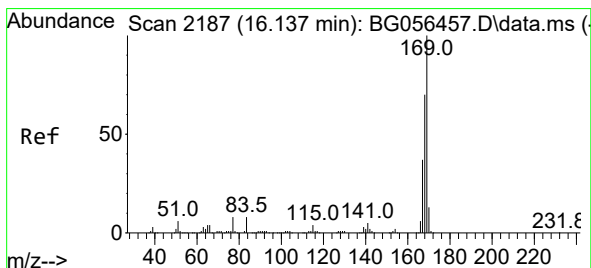
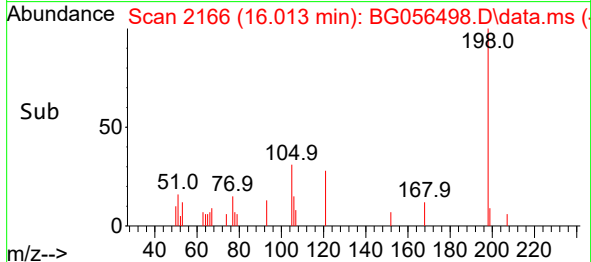
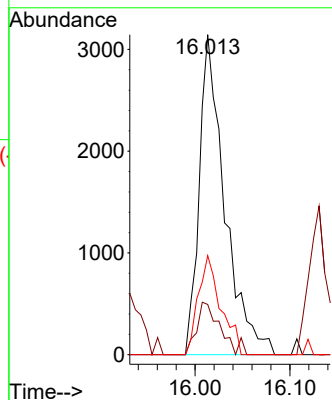
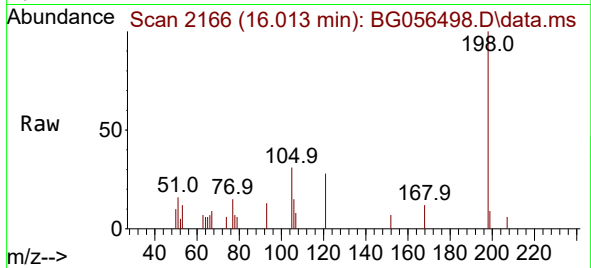




#65
4,6-Dinitro-2-methylphenol
Concen: 3.139 ng
RT: 16.013 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

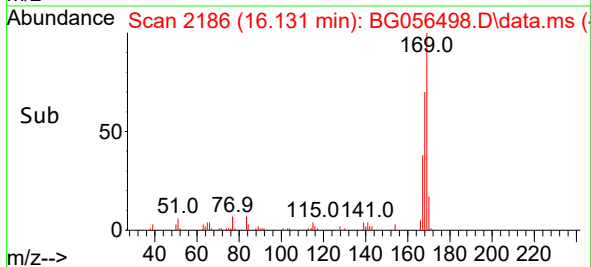
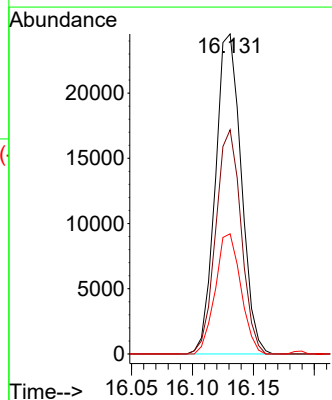
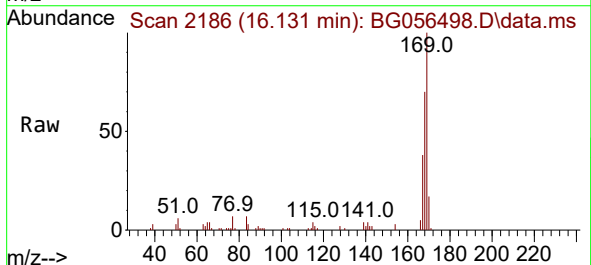
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

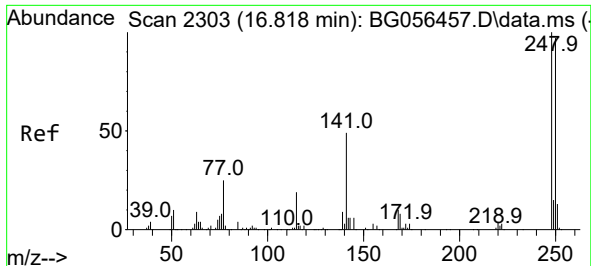
Tgt Ion:198 Resp: 5871
Ion Ratio Lower Upper
198 100
51 15.7 0.0 35.0
105 31.0 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 4.810 ng
RT: 16.131 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:169 Resp: 36238
Ion Ratio Lower Upper
169 100
168 70.1 55.8 83.6
167 37.6 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 4.810 ng

RT: 16.812 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

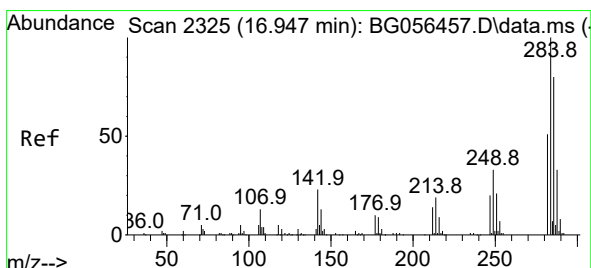
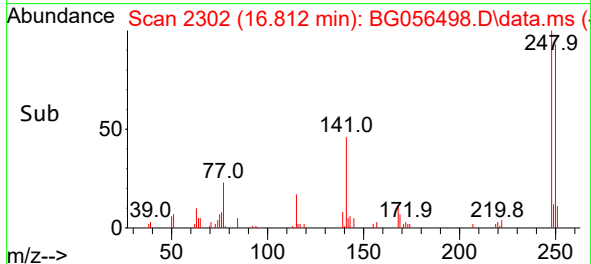
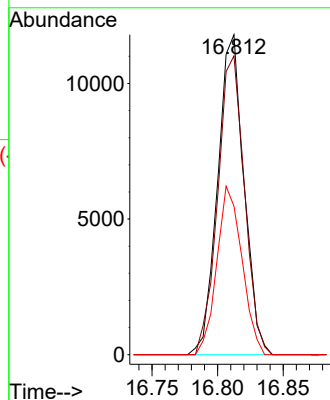
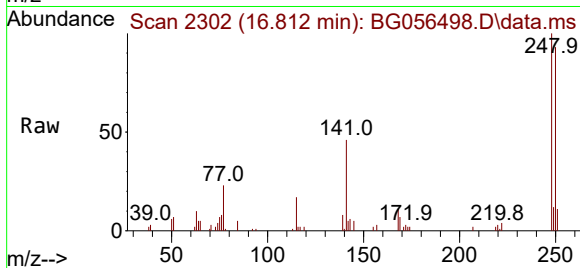
Tgt Ion:248 Resp: 16382

Ion Ratio Lower Upper

248 100

250 93.4 77.6 116.4

141 46.4 39.0 58.4



#68

Hexachlorobenzene

Concen: 5.056 ng

RT: 16.942 min Scan# 2324

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

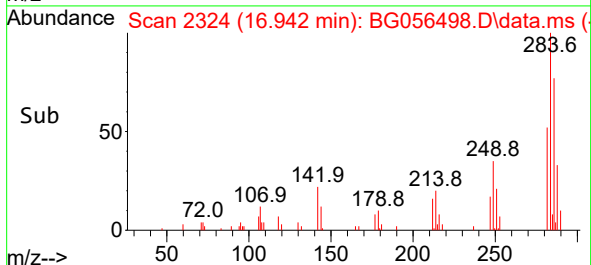
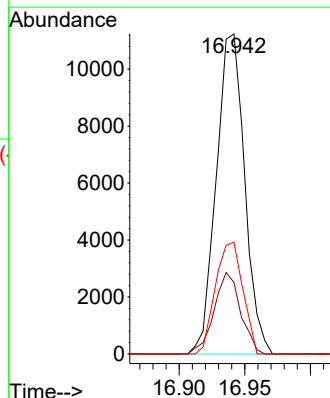
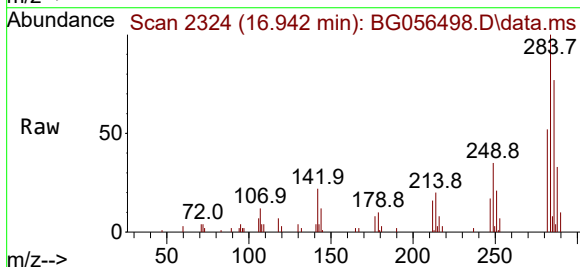
Tgt Ion:284 Resp: 16868

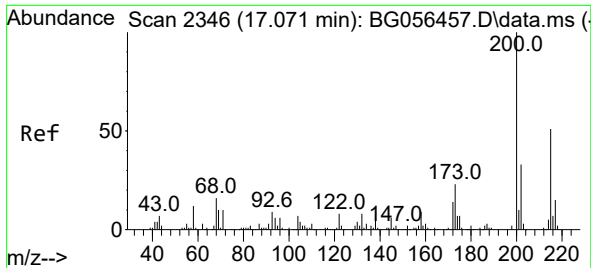
Ion Ratio Lower Upper

284 100

142 26.4 18.0 27.0

249 37.7 26.7 40.1

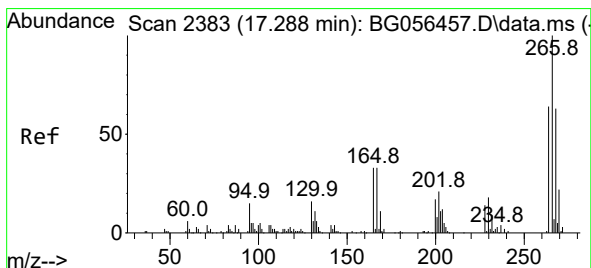
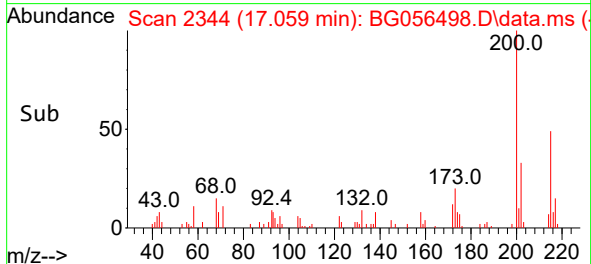
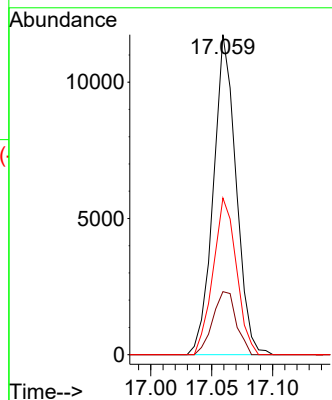
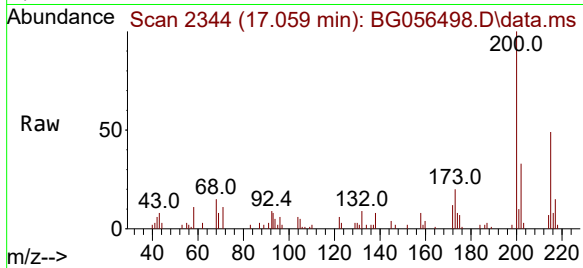




#69
 Atrazine
 Concen: 5.236 ng
 RT: 17.059 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

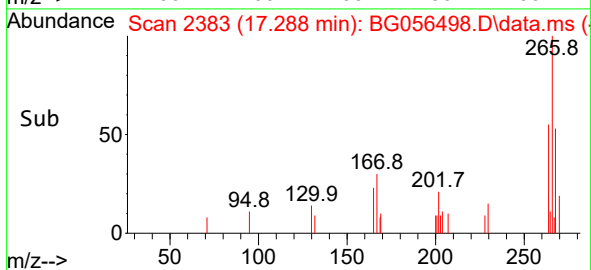
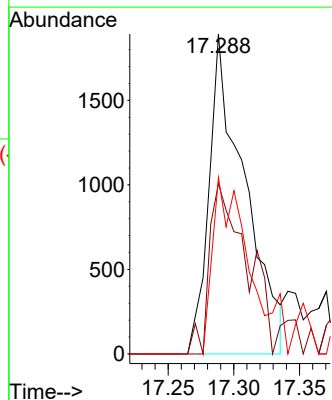
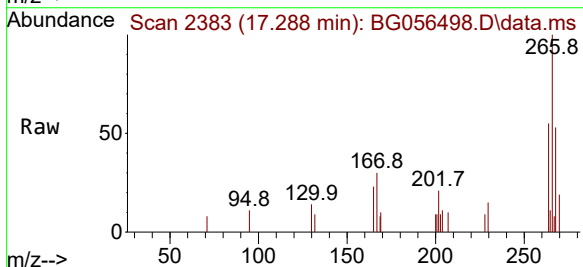
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

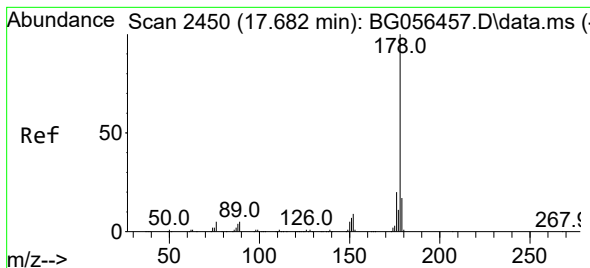
Tgt Ion:200 Resp: 15218
 Ion Ratio Lower Upper
 200 100
 173 19.7 3.2 43.2
 215 49.0 30.7 70.7



#70
 Pentachlorophenol
 Concen: 1.763 ng
 RT: 17.288 min Scan# 2383
 Delta R.T. 0.006 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

Tgt Ion:266 Resp: 3559
 Ion Ratio Lower Upper
 266 100
 268 53.2 50.2 75.4
 264 65.7 51.4 77.0





#71

Phenanthrene

Concen: 4.966 ng

RT: 17.676 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BG056498.D

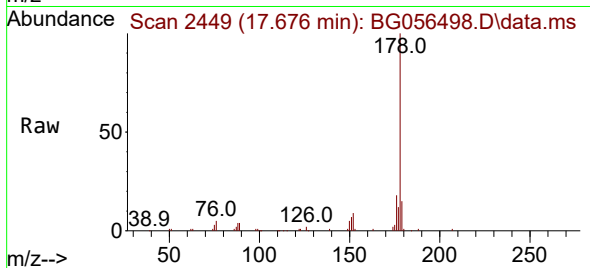
Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022



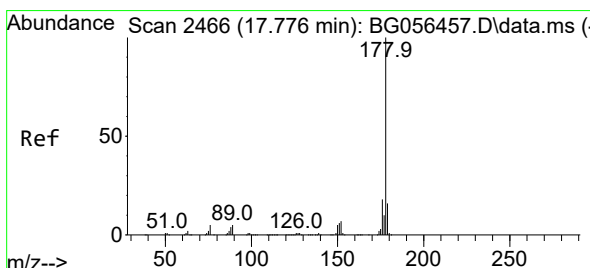
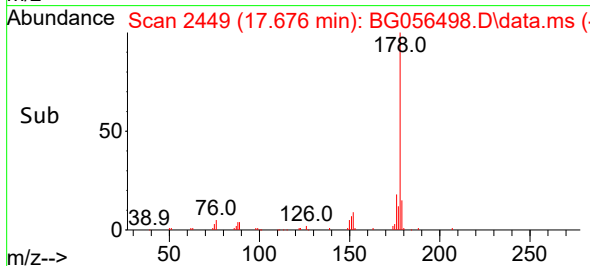
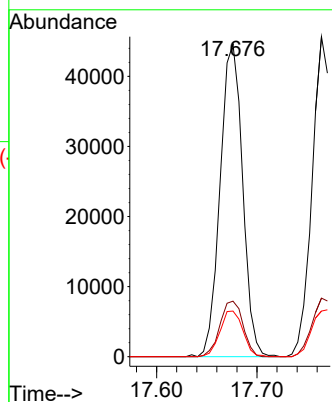
Tgt Ion:178 Resp: 69153

Ion Ratio Lower Upper

178 100

176 17.8 15.6 23.4

179 14.6 13.3 19.9



#72

Anthracene

Concen: 4.773 ng

RT: 17.764 min Scan# 2464

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

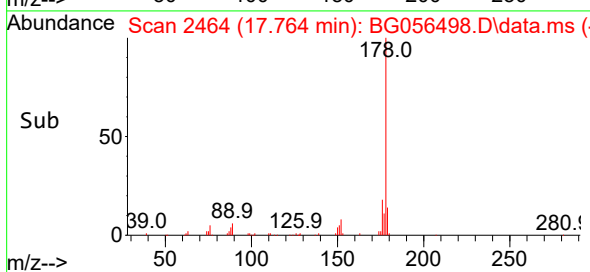
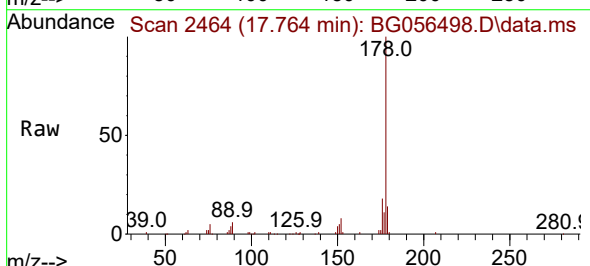
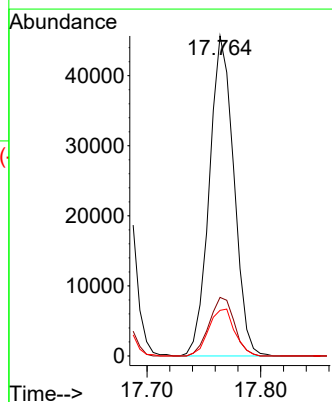
Tgt Ion:178 Resp: 68229

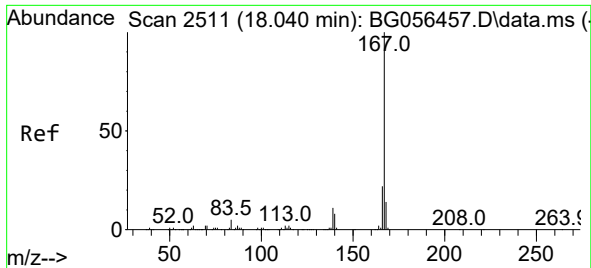
Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

179 14.3 12.5 18.7

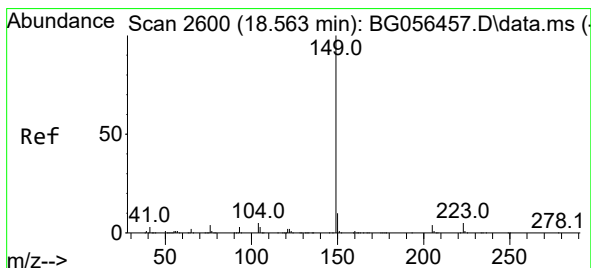
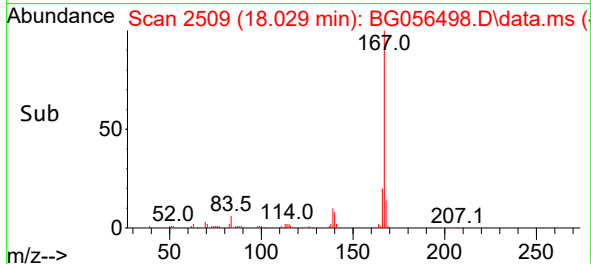
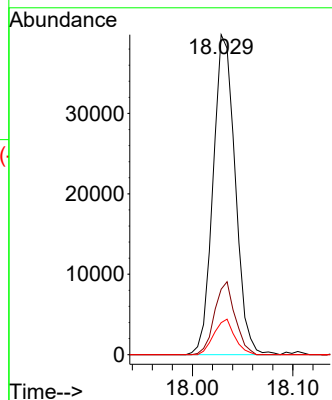
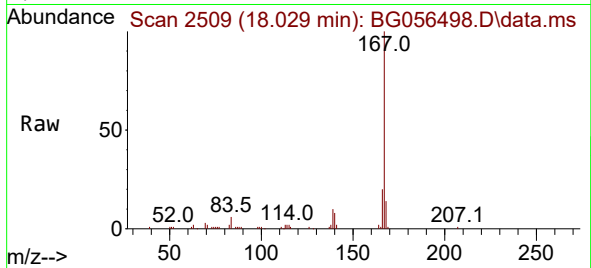




#73
 Carbazole
 Concen: 4.990 ng
 RT: 18.029 min Scan# 2509
 Delta R.T. -0.006 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

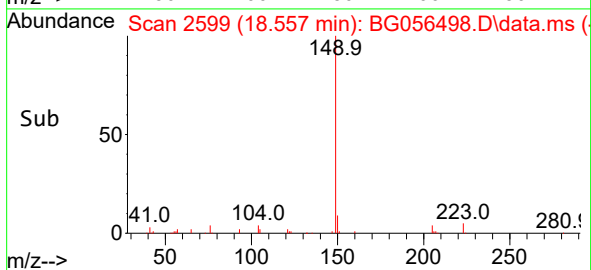
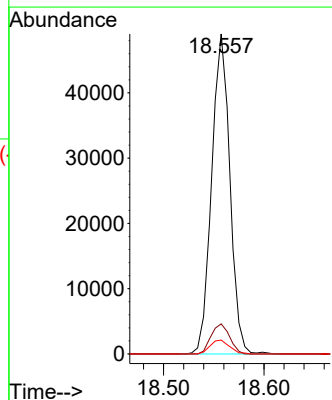
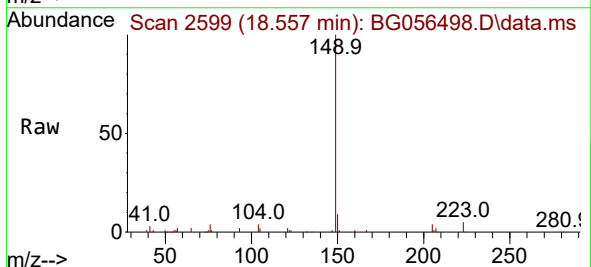
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

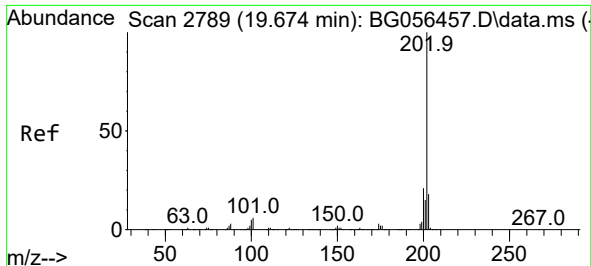
Tgt Ion:167	Resp:	60756
Ion Ratio	Lower	Upper
167	100	
166	20.4	17.8 26.6
139	10.0	8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 4.838 ng
 RT: 18.557 min Scan# 2599
 Delta R.T. -0.006 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

Tgt Ion:149	Resp:	61847
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.8 11.6
104	4.3	4.0 6.0

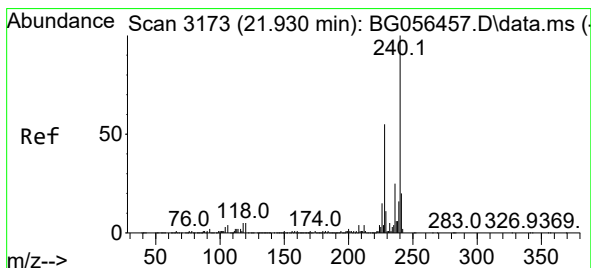
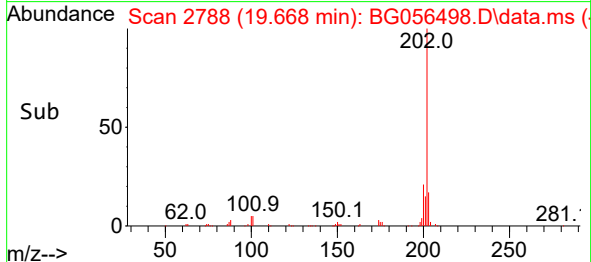
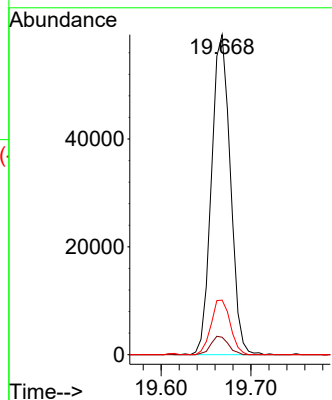
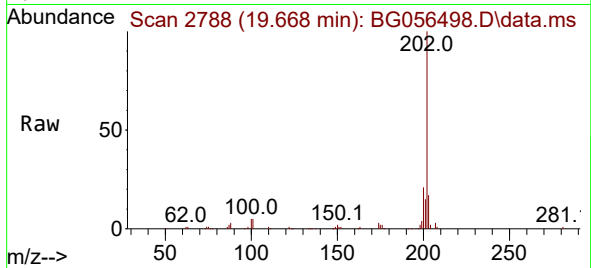




#75
Fluoranthene
Concen: 4.934 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

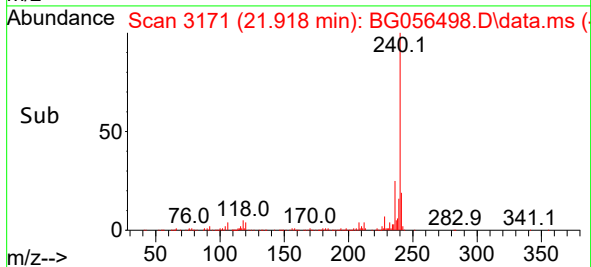
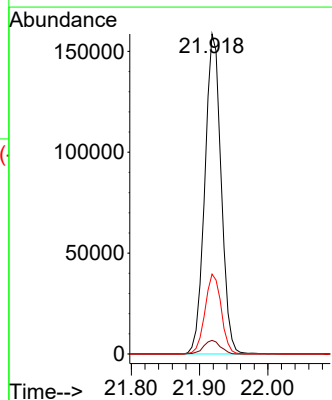
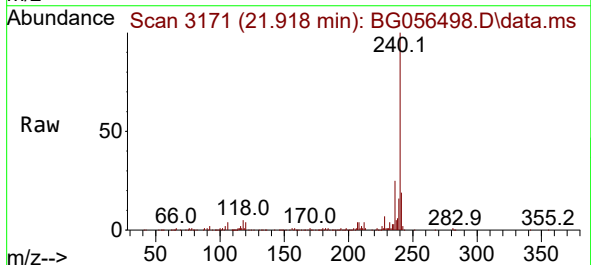
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

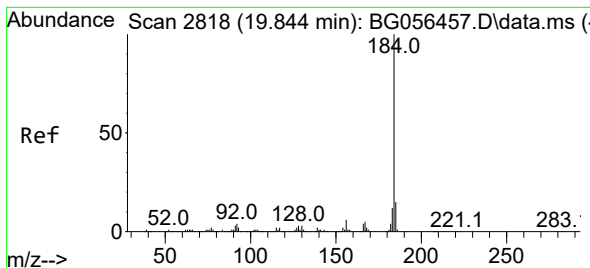
Tgt Ion:202 Resp: 86719
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.6
203 17.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:240 Resp: 263458
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.0 20.2 30.2





#77

Benzidine

Concen: 6.263 ng

RT: 19.838 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

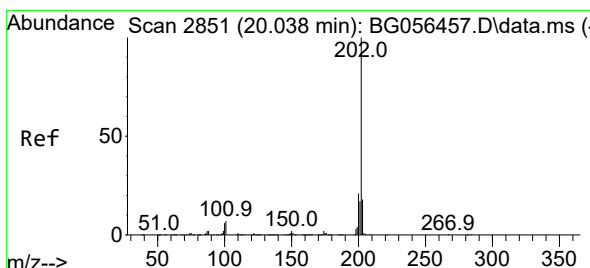
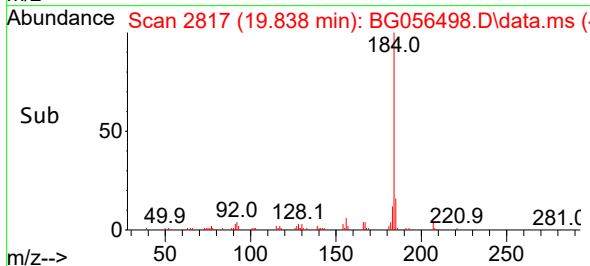
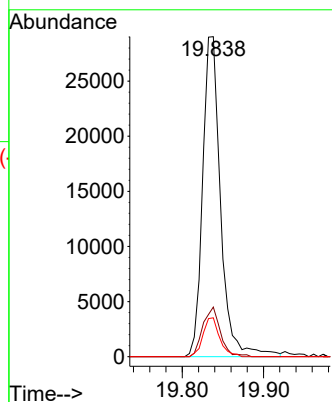
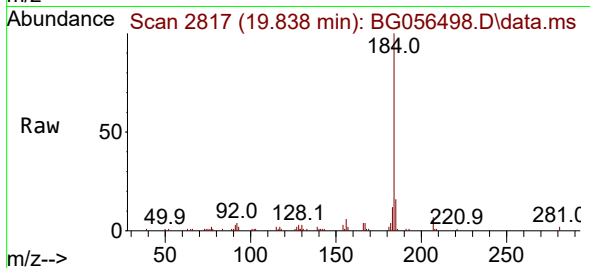
Tgt Ion:184 Resp: 44651

Ion Ratio Lower Upper

184 100

185 15.5 12.3 18.5

183 12.1 9.8 14.8



#78

Pyrene

Concen: 4.792 ng

RT: 20.026 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

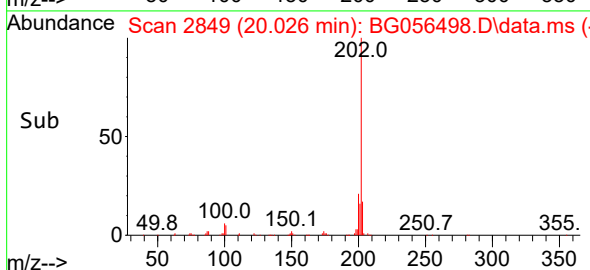
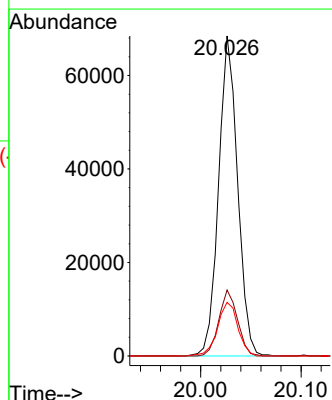
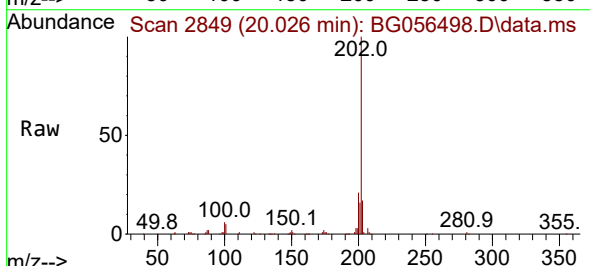
Tgt Ion:202 Resp: 89798

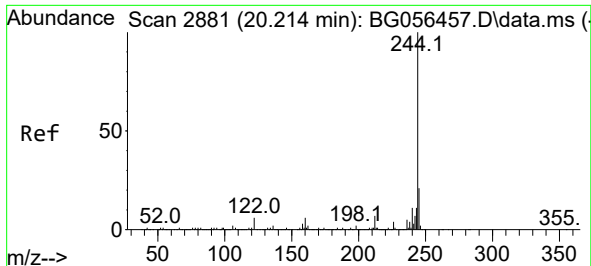
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 16.8 14.4 21.6

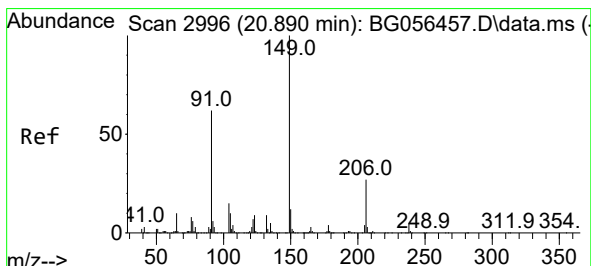
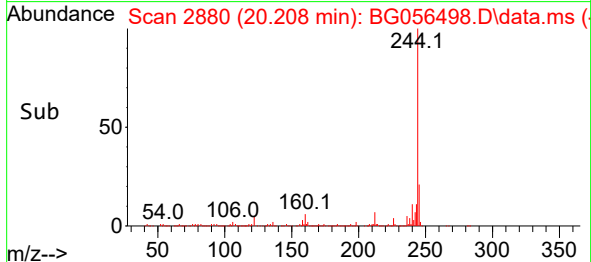
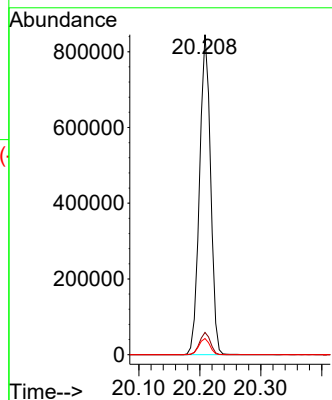
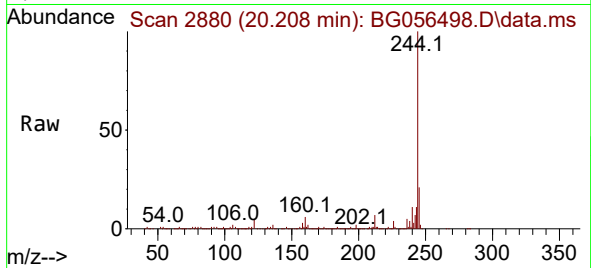




#79
 Terphenyl-d14
 Concen: 70.723 ng
 RT: 20.208 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

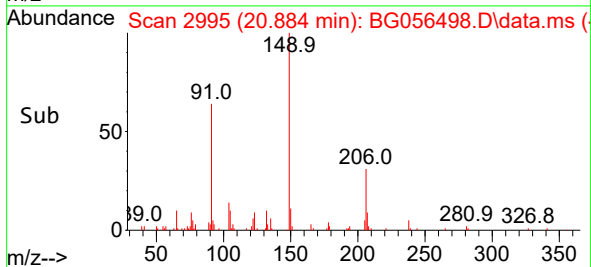
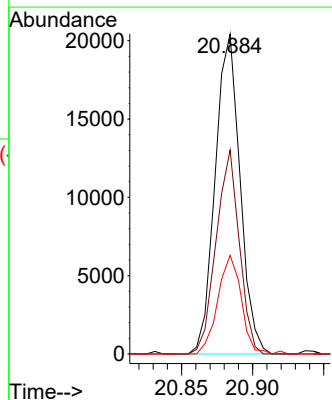
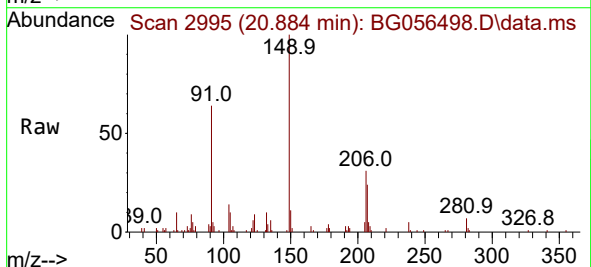
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

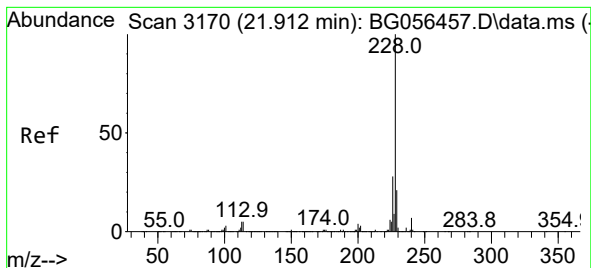
Tgt Ion:244 Resp: 1060852
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.1 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 4.334 ng
 RT: 20.884 min Scan# 2995
 Delta R.T. -0.000 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

Tgt Ion:149 Resp: 24800
 Ion Ratio Lower Upper
 149 100
 91 63.7 49.4 74.0
 206 30.8 22.0 33.0





#81

Benzo(a)anthracene

Concen: 4.814 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

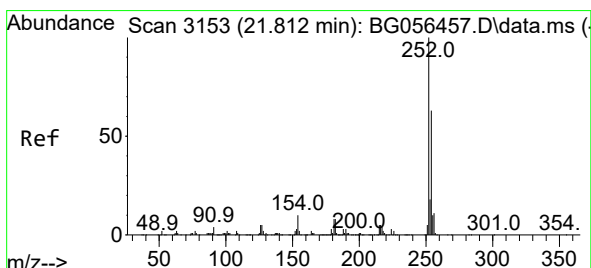
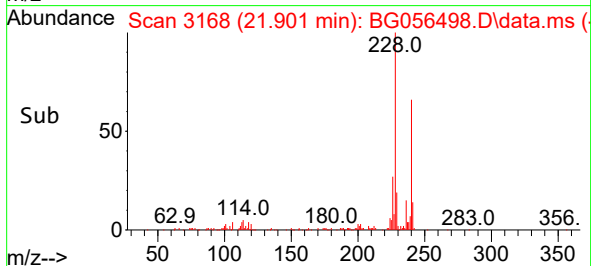
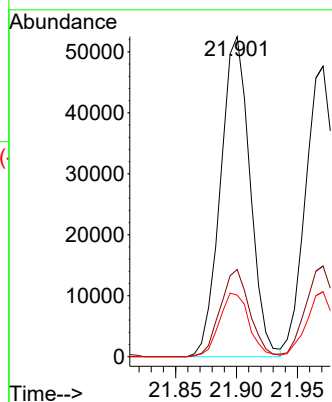
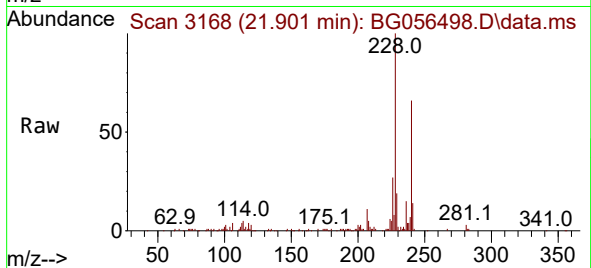
Tgt Ion:228 Resp: 88660

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.2 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 5.367 ng

RT: 21.801 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

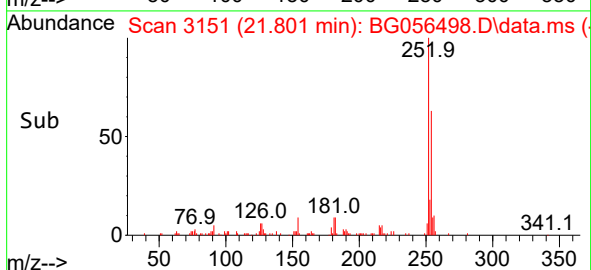
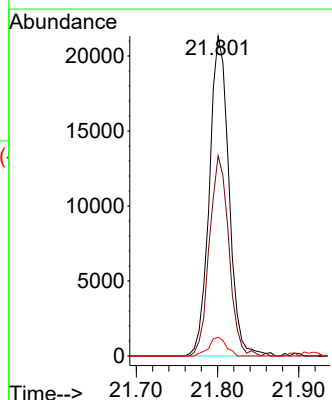
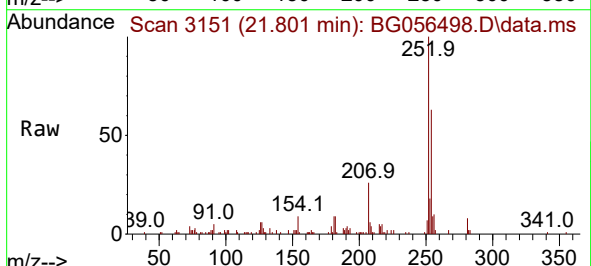
Tgt Ion:252 Resp: 35599

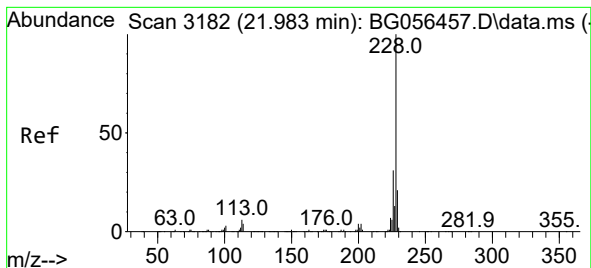
Ion Ratio Lower Upper

252 100

254 62.6 50.0 75.0

126 5.9 4.3 6.5





#83

Chrysene

Concen: 4.695 ng

RT: 21.971 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

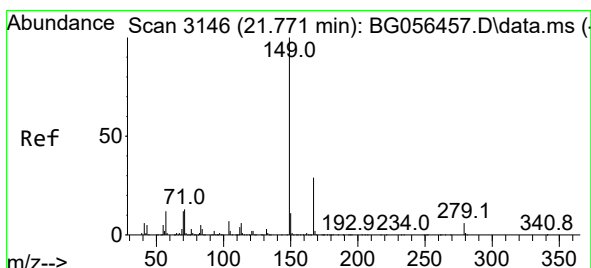
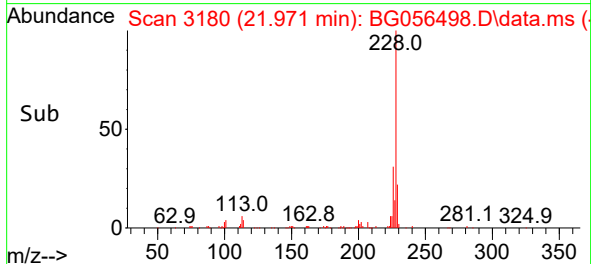
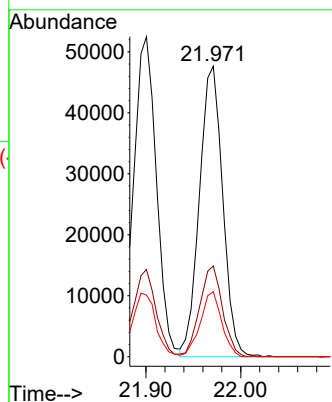
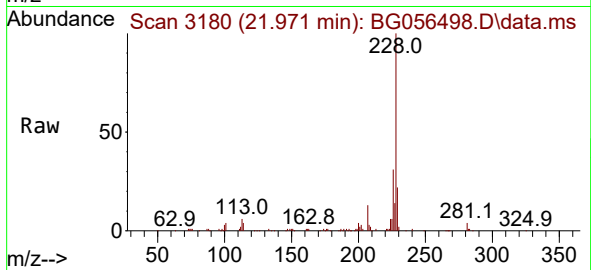
Tgt Ion:228 Resp: 81241

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

229 22.4 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.425 ng

RT: 21.760 min Scan# 3144

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

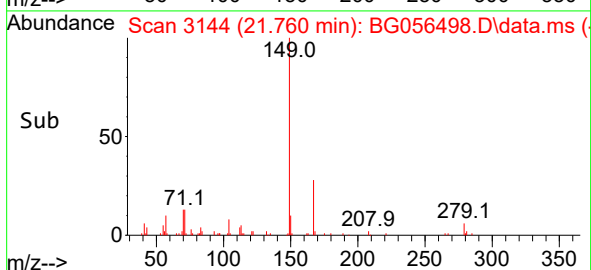
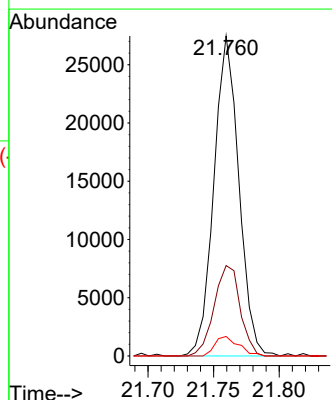
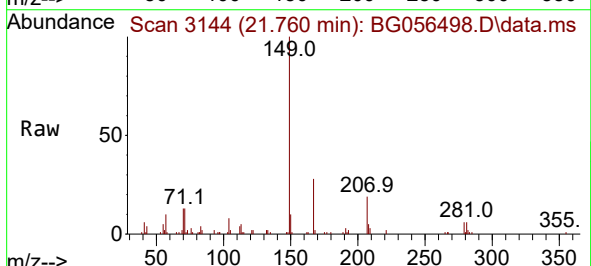
Tgt Ion:149 Resp: 36306

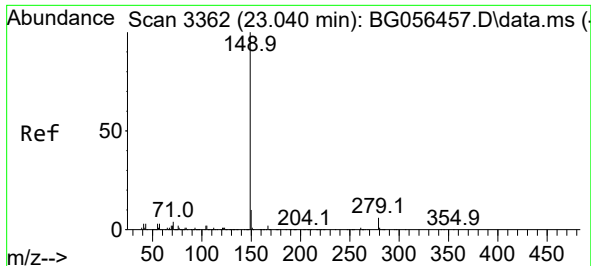
Ion Ratio Lower Upper

149 100

167 28.2 23.4 35.2

279 6.1 4.4 6.6

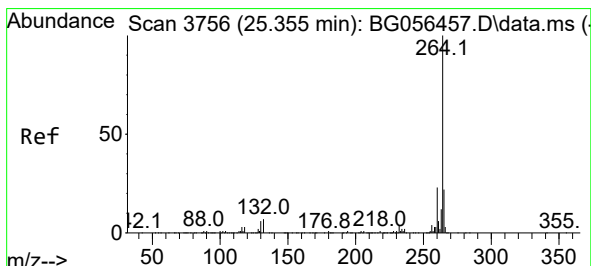
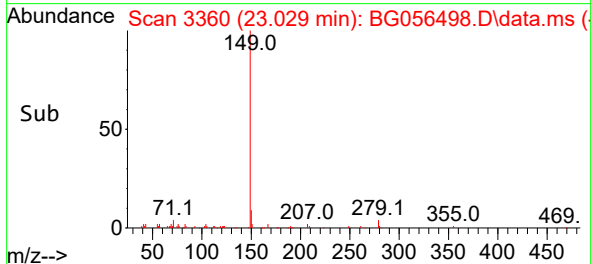
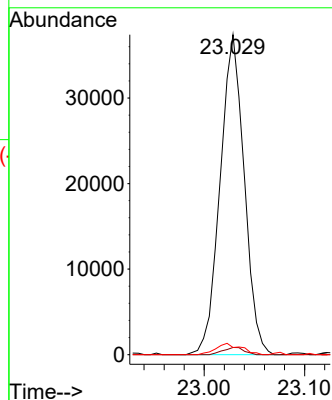
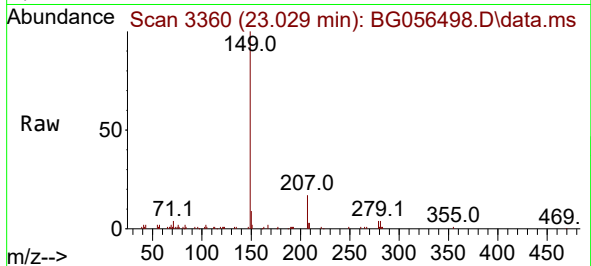




#85
Di-n-octyl phthalate
Concen: 4.556 ng
RT: 23.029 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

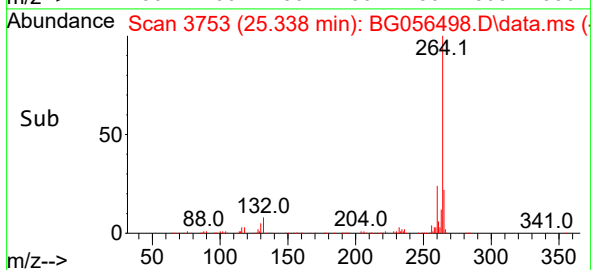
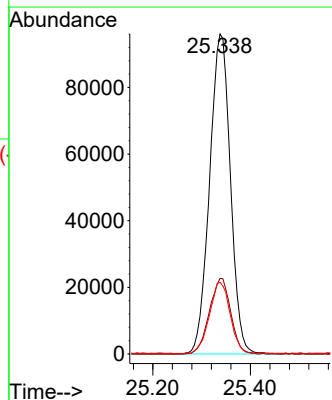
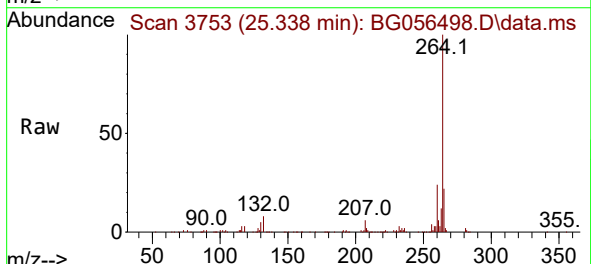
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

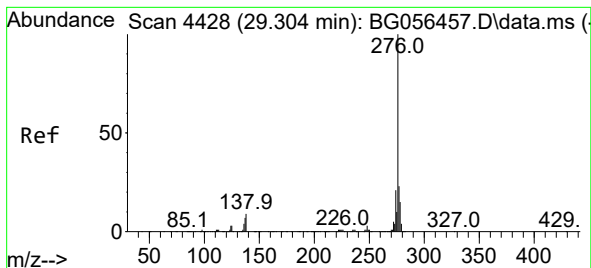
Tgt Ion:149 Resp: 62257
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 3.7 2.7 4.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3753
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:264 Resp: 284583
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.611 ng

RT: 29.262 min Scan# 4428

Delta R.T. -0.018 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

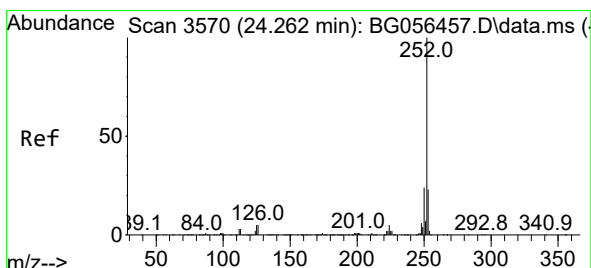
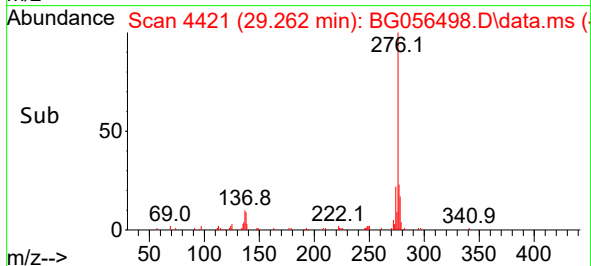
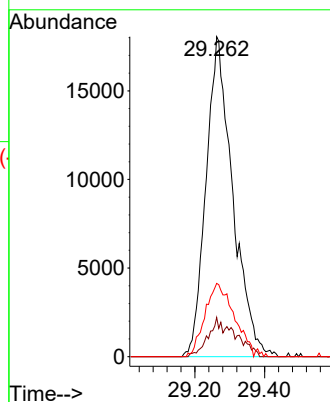
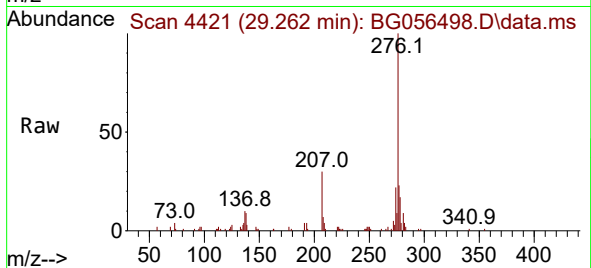
Tgt Ion:276 Resp: 96046

Ion Ratio Lower Upper

276 100

138 6.2 9.4 14.2#

277 25.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 5.112 ng

RT: 24.245 min Scan# 3567

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

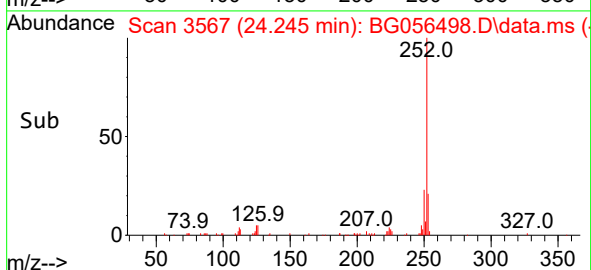
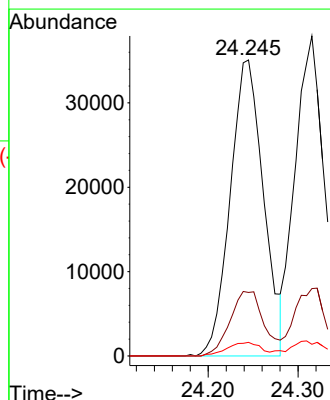
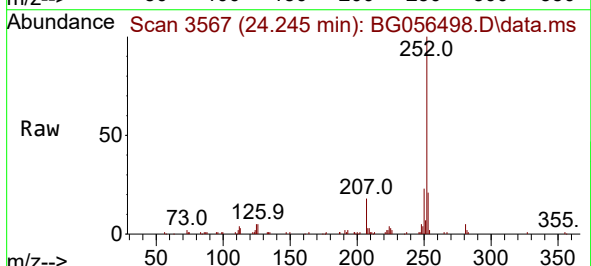
Tgt Ion:252 Resp: 90293

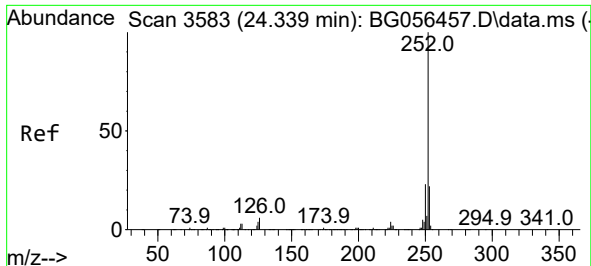
Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 4.6 3.9 5.9

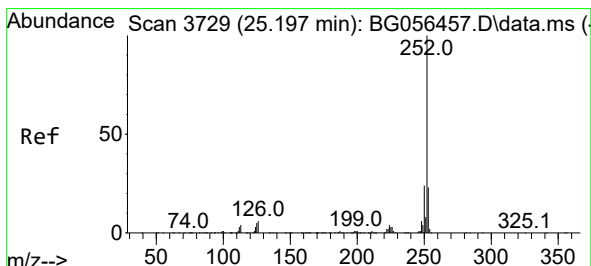
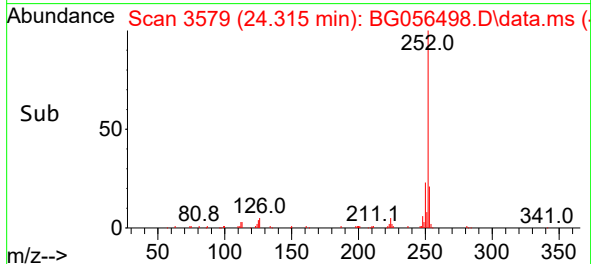
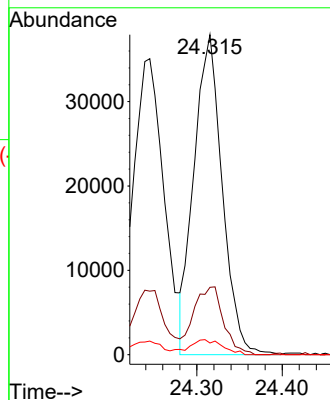
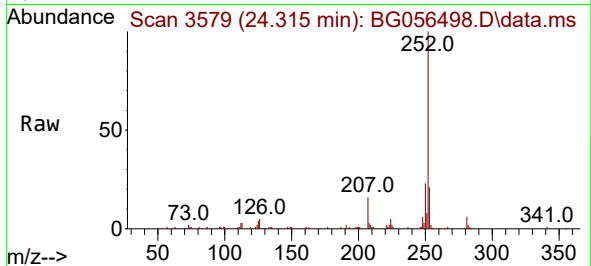




#89
Benzo(k)fluoranthene
Concen: 4.896 ng
RT: 24.315 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

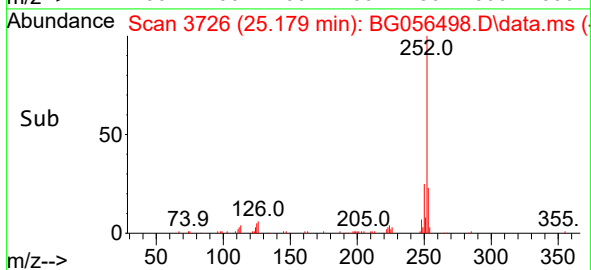
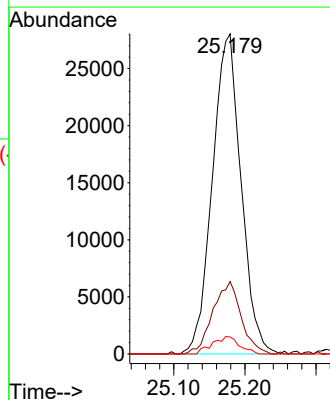
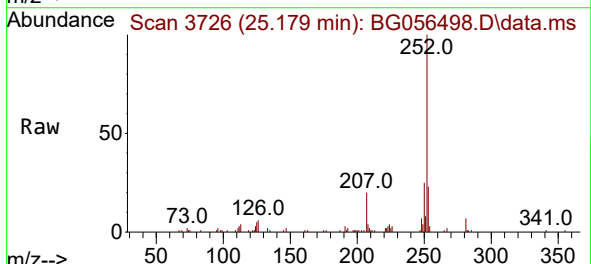
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

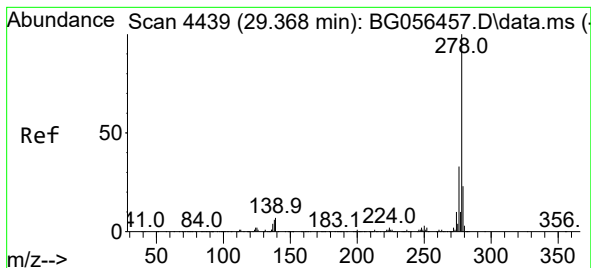
Tgt Ion:252 Resp: 87308
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 3.6 3.4 5.0



#90
Benzo(a)pyrene
Concen: 4.505 ng
RT: 25.179 min Scan# 3726
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:252 Resp: 78394
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.3 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 4.880 ng

RT: 29.321 min Scan# 4431

Delta R.T. -0.024 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

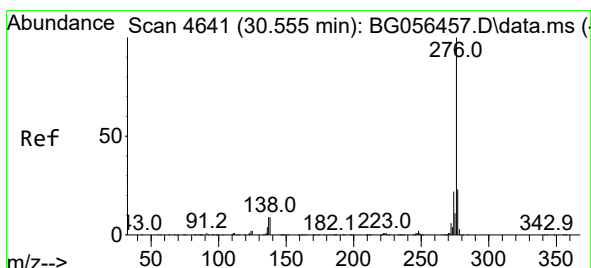
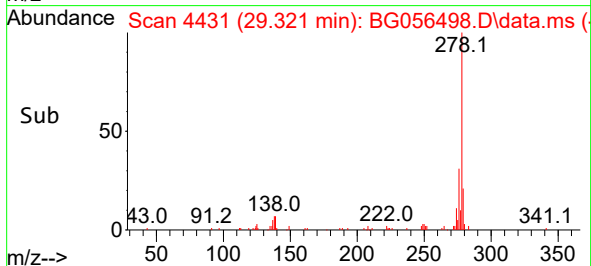
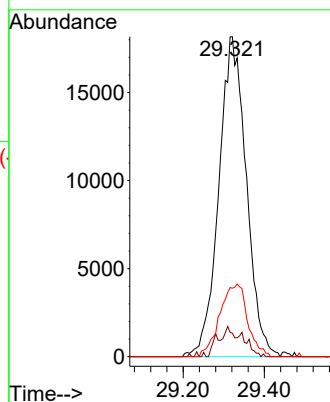
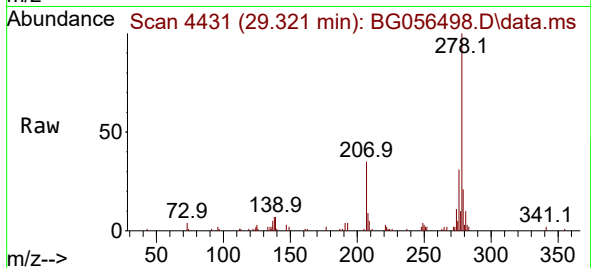
Tgt Ion:278 Resp: 85328

Ion Ratio Lower Upper

278 100

139 7.4 5.5 8.3

279 21.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 4.850 ng

RT: 30.496 min Scan# 4631

Delta R.T. -0.030 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Tgt Ion:276 Resp: 81833

Ion Ratio Lower Upper

276 100

277 26.6 18.5 27.7

138 11.2 7.4 11.0#

