

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056512.D
 Acq On : 2 Feb 2023 13:19
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Feb 03 05:21:02 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	8.276	152	28143	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	104278	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	86180	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	226771	20.000	ng	0.00
76) Chrysene-d12	21.919	240	223079	20.000	ng	0.00
86) Perylene-d12	25.338	264	241260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	193570	126.528	ng	0.00
7) Phenol-d6	7.418	99	275341	121.469	ng	0.00
23) Nitrobenzene-d5	9.451	82	181369	98.765	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	150110	131.019	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	627267	100.912	ng	0.00
79) Terphenyl-d14	20.209	244	1203566	94.760	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.599	88	3348	5.256	ng	# 92
3) Pyridine	4.028	79	7387	3.890	ng	97
4) n-Nitrosodimethylamine	3.928	42	1671	4.138	ng	# 75
6) Aniline	7.589	93	13146	4.430	ng	97
8) 2-Chlorophenol	7.835	128	7386	4.395	ng	98
9) Benzaldehyde	7.401	77	6917	4.892	ng	# 84
10) Phenol	7.448	94	9622	4.176	ng	97
11) bis(2-Chloroethyl)ether	7.677	93	7403	4.675	ng	92
12) 1,3-Dichlorobenzene	8.164	146	9180	4.744	ng	98
13) 1,4-Dichlorobenzene	8.164	146	9180	4.685	ng	94
14) 1,2-Dichlorobenzene	8.634	146	9062	4.766	ng	98
15) Benzyl Alcohol	8.517	79	6134	3.944	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.811	45	1549	4.617	ng	77
17) 2-Methylphenol	8.711	107	6946	3.963	ng	92
18) Hexachloroethane	9.369	117	2868	4.839	ng	95
19) n-Nitroso-di-n-propyla...	9.075	70	5843	4.473	ng	# 92
20) 3+4-Methylphenols	9.046	107	9231	3.758	ng	93
22) Acetophenone	9.104	105	14188	5.121	ng	# 96
24) Nitrobenzene	9.492	77	9171	5.178	ng	# 85
25) Isophorone	10.009	82	18087	4.774	ng	96
26) 2-Nitrophenol	10.215	139	5262	4.896	ng	96
27) 2,4-Dimethylphenol	10.256	122	7899	4.392	ng	96
28) bis(2-Chloroethoxy)met...	10.491	93	10546	5.039	ng	96
29) 2,4-Dichlorophenol	10.761	162	8703	4.299	ng	94
30) 1,2,4-Trichlorobenzene	10.967	180	11438	5.084	ng	93
31) Naphthalene	11.155	128	27496	4.996	ng	97
32) Benzoic acid	10.256	122	7899	7.850	ng	# 19
33) 4-Chloroaniline	11.267	127	11314	4.404	ng	# 94
34) Hexachlorobutadiene	11.437	225	8182	5.181	ng	96
35) Caprolactam	12.007	113	3031	4.439	ng	95
36) 4-Chloro-3-methylphenol	12.365	107	8552	4.374	ng	98
37) 2-Methylnaphthalene	12.741	142	22448	4.947	ng	97
38) 1-Methylnaphthalene	12.959	142	19409	4.580	ng	99
40) 1,2,4,5-Tetrachloroben...	13.106	216	15720	4.993	ng	99
41) Hexachlorocyclopentadiene	13.076	237	3172	8.121	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	8830	4.352	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056512.D
 Acq On : 2 Feb 2023 13:19
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2022

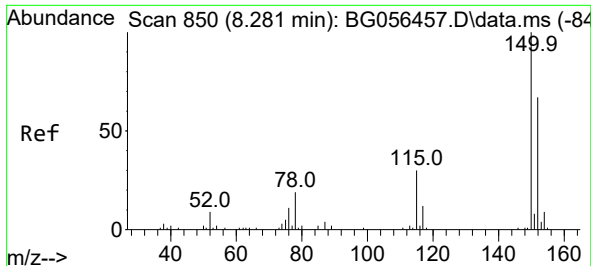
Quant Time: Feb 03 05:21:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	9620	4.050	ng	85
46) 1,1'-Biphenyl	13.728	154	30908	4.945	ng	100
47) 2-Chloronaphthalene	13.781	162	24045	4.921	ng	92
48) 2-Nitroaniline	13.975	65	4177	4.136	ng	89
49) Acenaphthylene	14.621	152	37394	4.704	ng	96
50) Dimethylphthalate	14.328	163	33905	4.863	ng	99
51) 2,6-Dinitrotoluene	14.457	165	6784	4.462	ng	92
52) Acenaphthene	14.956	154	21865	4.638	ng	93
53) 3-Nitroaniline	14.798	138	6360	4.315	ng	96
54) 2,4-Dinitrophenol	15.033	184	788	0.827	ng #	30
55) Dibenzofuran	15.285	168	41791	4.943	ng	98
56) 4-Nitrophenol	15.109	139	3286	3.262	ng #	78
57) 2,4-Dinitrotoluene	15.250	165	9618	4.491	ng	97
58) Fluorene	15.938	166	32408	4.818	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.515	232	8306	3.933	ng #	93
60) Diethylphthalate	15.679	149	31354	4.789	ng	96
61) 4-Chlorophenyl-phenylether	15.914	204	19867	4.840	ng	97
62) 4-Nitroaniline	15.943	138	6613	4.483	ng #	78
63) Azobenzene	16.208	77	22331	4.957	ng	96
65) 4,6-Dinitro-2-methylph...	16.014	198	4455	2.794	ng	90
66) n-Nitrosodiphenylamine	16.131	169	29396	4.578	ng	97
67) 4-Bromophenyl-phenylether	16.807	248	13184	4.541	ng	96
68) Hexachlorobenzene	16.936	284	14654	5.154	ng	93
69) Atrazine	17.060	200	12791	5.164	ng	97
70) Pentachlorophenol	17.295	266	2827	1.643	ng	96
71) Phenanthrene	17.671	178	58036	4.890	ng	97
72) Anthracene	17.765	178	58269	4.783	ng	99
73) Carbazole	18.029	167	50822	4.898	ng	98
74) Di-n-butylphthalate	18.558	149	49575	4.550	ng	98
75) Fluoranthene	19.669	202	73177	4.885	ng	95
77) Benzidine	19.839	184	36259	6.006	ng	99
78) Pyrene	20.027	202	77393	4.878	ng	99
80) Butylbenzylphthalate	20.885	149	20721	4.276	ng	98
81) Benzo(a)anthracene	21.901	228	74931	4.805	ng	97
82) 3,3'-Dichlorobenzidine	21.801	252	29257	5.209	ng	96
83) Chrysene	21.972	228	69640	4.753	ng	99
84) Bis(2-ethylhexyl)phtha...	21.760	149	30185	4.345	ng	98
85) Di-n-octyl phthalate	23.029	149	52187	4.511	ng #	99
87) Indeno(1,2,3-cd)pyrene	29.269	276	82871	4.692	ng #	61
88) Benzo(b)fluoranthene	24.246	252	77643	5.185	ng	99
89) Benzo(k)fluoranthene	24.316	252	74109	4.902	ng	99
90) Benzo(a)pyrene	25.174	252	67467	4.574	ng	97
91) Dibenzo(a,h)anthracene	29.334	278	71765	4.841	ng	98
92) Benzo(g,h,i)perylene	30.503	276	69658	4.870	ng #	95

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

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

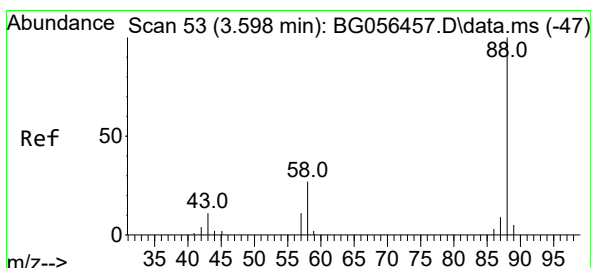
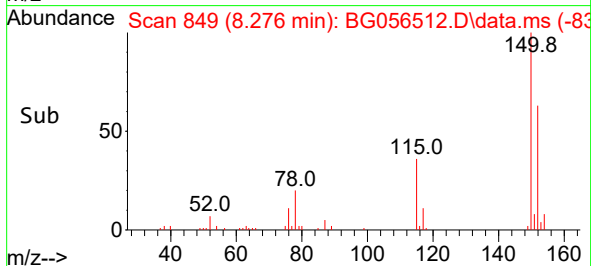
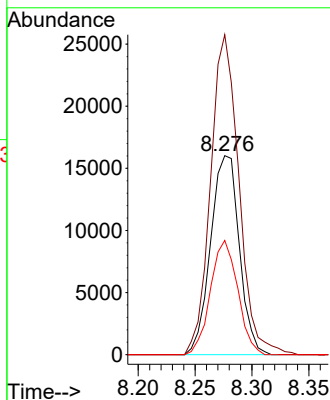
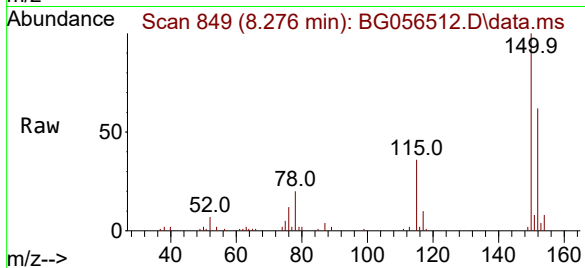
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

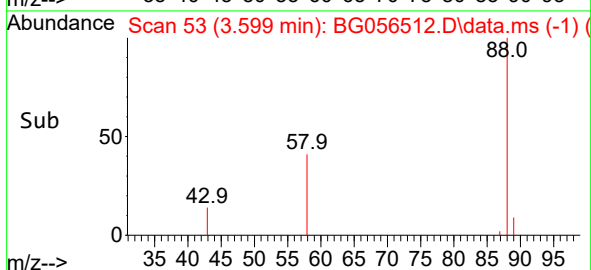
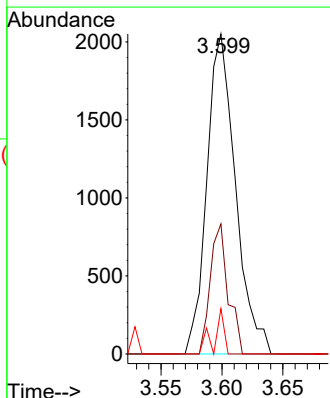
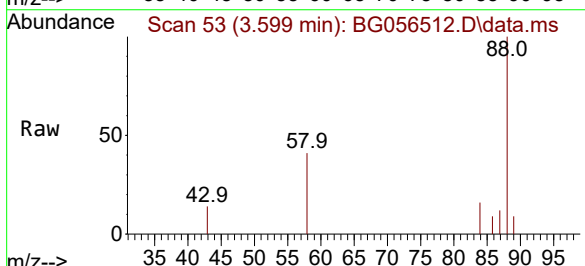
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

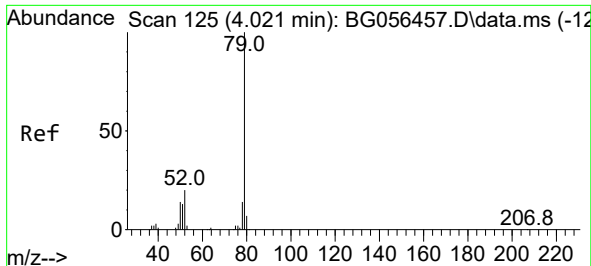
Tgt Ion:152 Resp: 28143
Ion Ratio Lower Upper
152 100
150 160.8 120.2 180.4
115 57.4 36.3 54.5#



#2
1,4-Dioxane
Concen: 5.256 ng
RT: 3.599 min Scan# 53
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion: 88 Resp: 3348
Ion Ratio Lower Upper
88 100
58 25.3 23.0 34.4
43 4.8 8.0 12.0#





#3

Pyridine

Concen: 3.890 ng

RT: 4.028 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

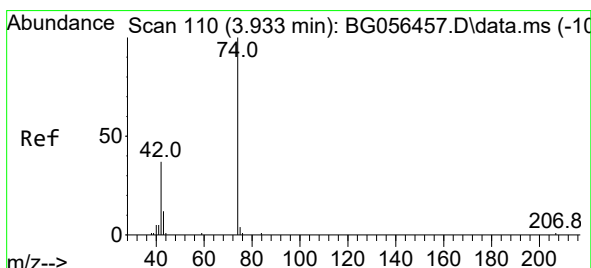
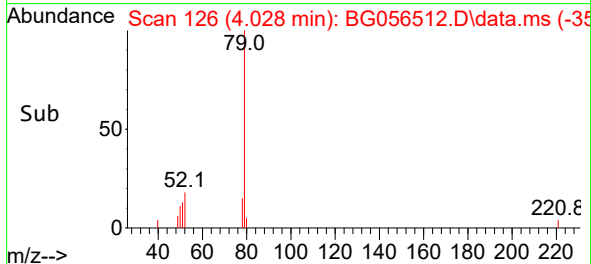
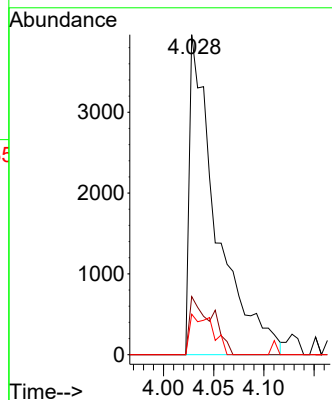
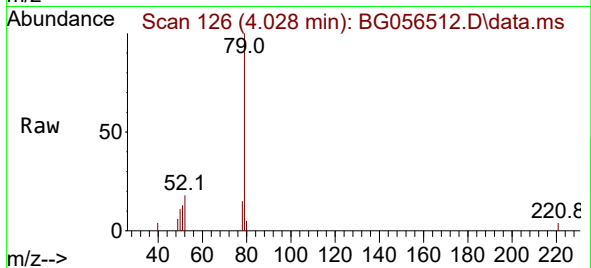
Tgt Ion: 79 Resp: 7387

Ion Ratio Lower Upper

79 100

52 18.2 16.1 24.1

51 12.7 10.7 16.1



#4

n-Nitrosodimethylamine

Concen: 4.138 ng

RT: 3.928 min Scan# 109

Delta R.T. 0.001 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

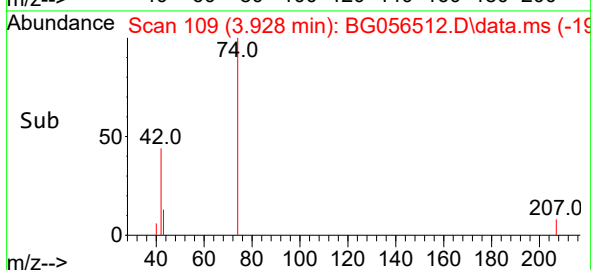
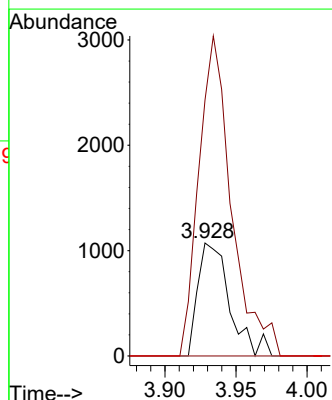
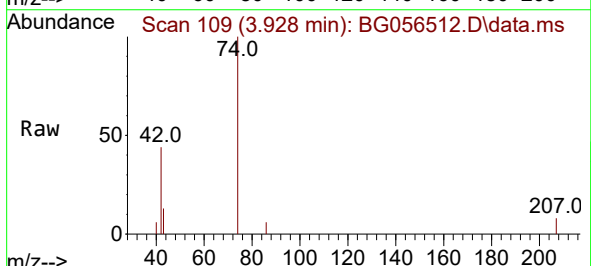
Tgt Ion: 42 Resp: 1671

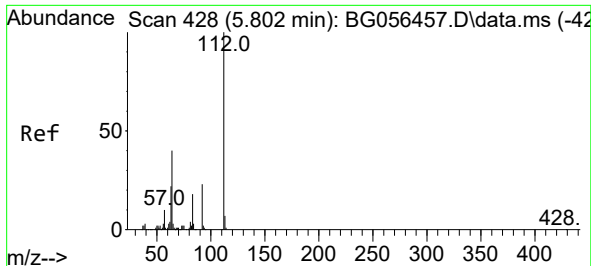
Ion Ratio Lower Upper

42 100

74 226.4 217.9 326.9

44 0.0 3.0 4.6#

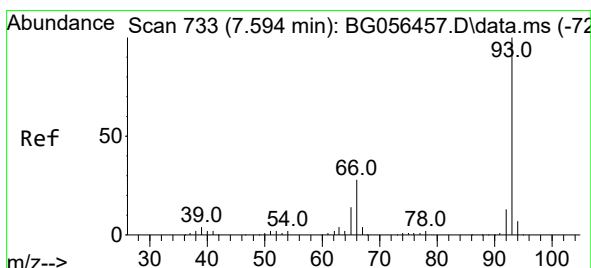
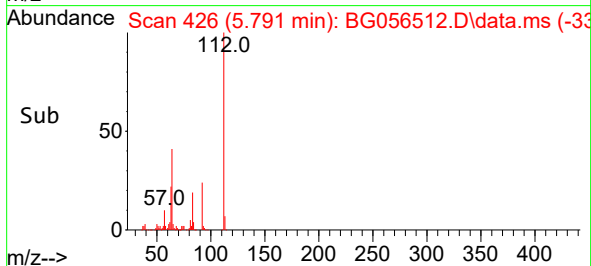
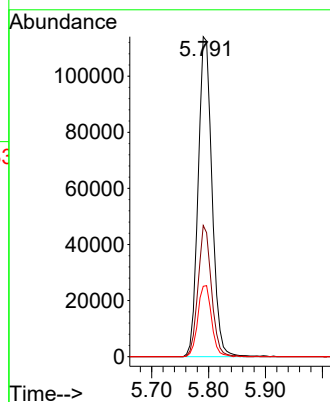
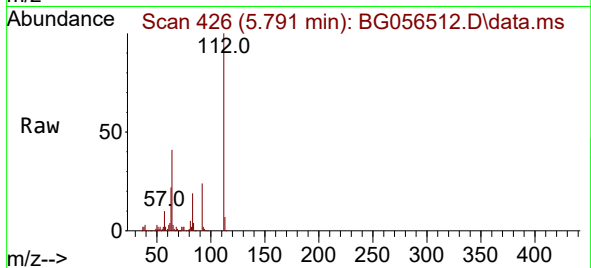




#5
2-Fluorophenol
Concen: 126.528 ng
RT: 5.791 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

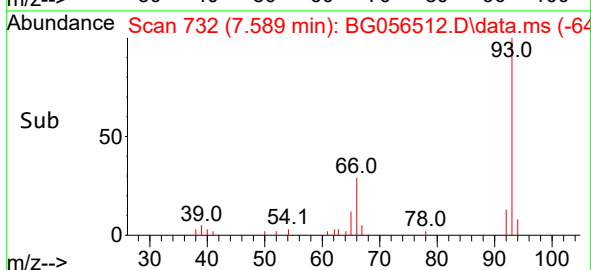
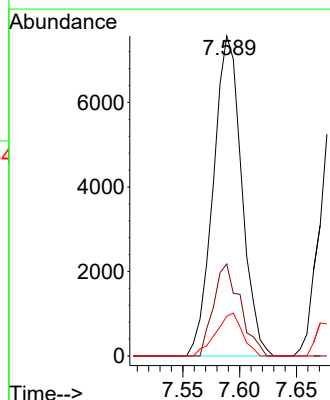
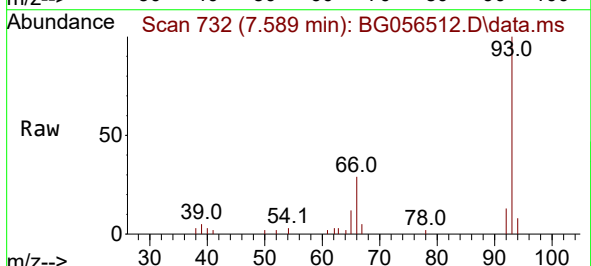
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

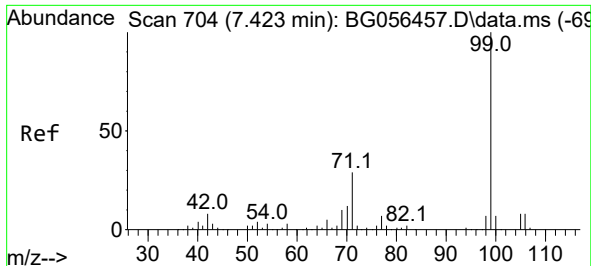
Tgt Ion:112 Resp: 193570
Ion Ratio Lower Upper
112 100
64 41.0 31.9 47.9
63 22.0 17.4 26.0



#6
Aniline
Concen: 4.430 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion: 93 Resp: 13146
Ion Ratio Lower Upper
93 100
66 28.8 22.2 33.2
65 12.4 11.3 16.9

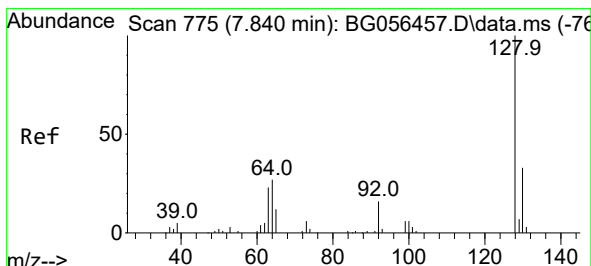
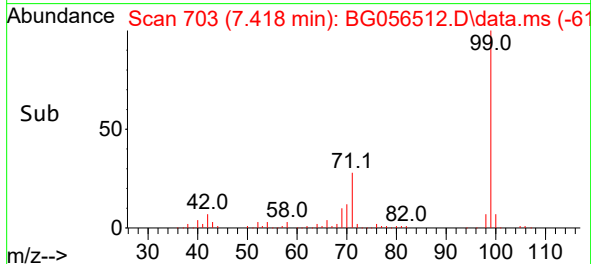
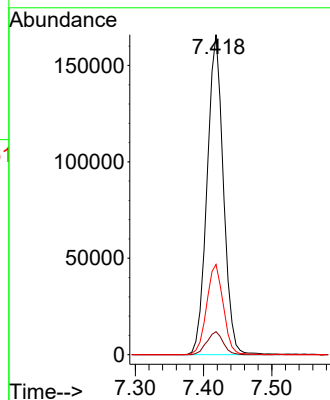
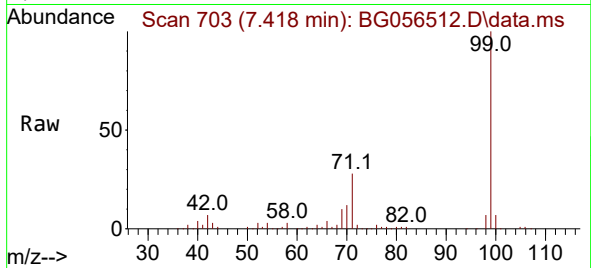




#7
Phenol-d6
Concen: 121.469 ng
RT: 7.418 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

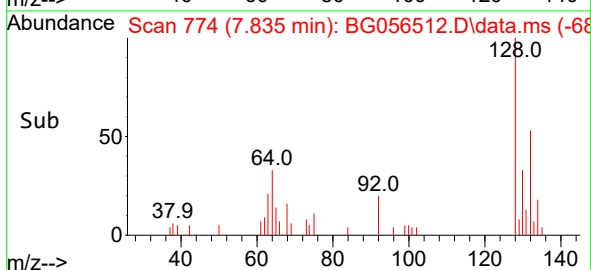
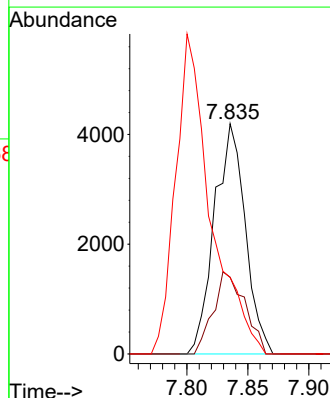
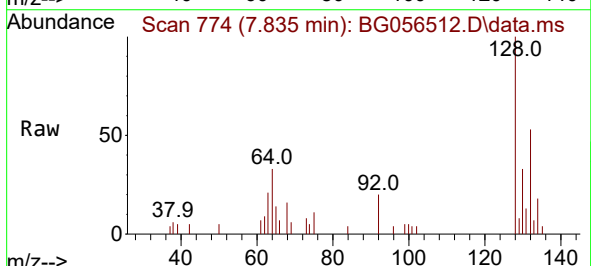
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

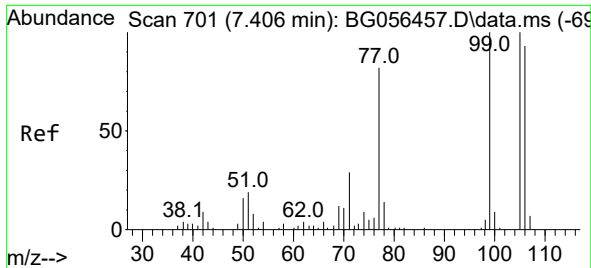
Tgt Ion: 99 Resp: 275341
Ion Ratio Lower Upper
99 100
42 7.2 6.6 10.0
71 28.2 23.4 35.0



#8
2-Chlorophenol
Concen: 4.395 ng
RT: 7.835 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:128 Resp: 7386
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 33.2 11.3 51.3

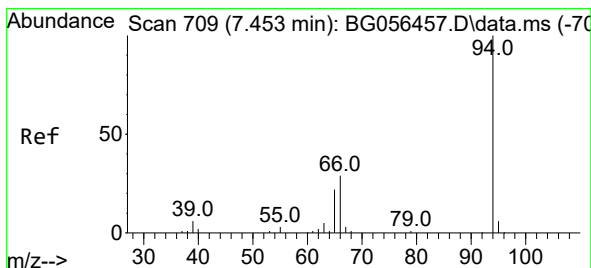
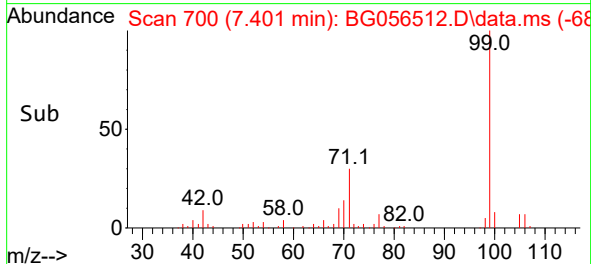
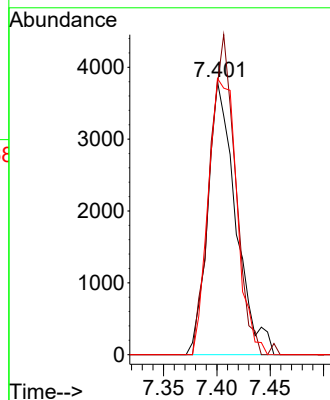
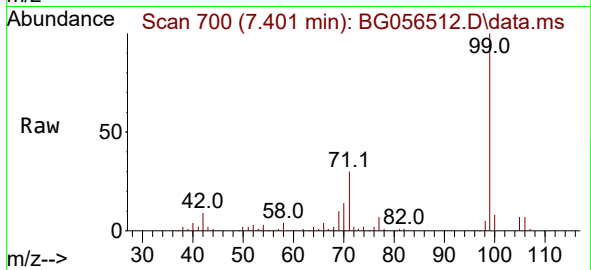




#9
Benzaldehyde
Concen: 4.892 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

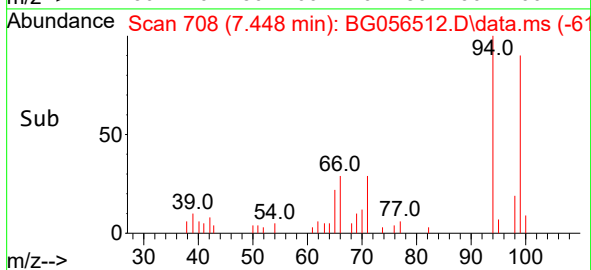
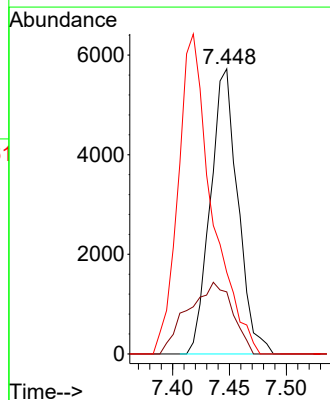
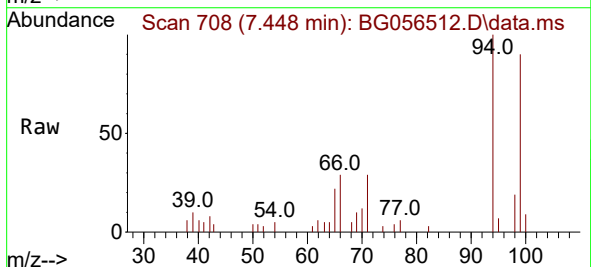
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

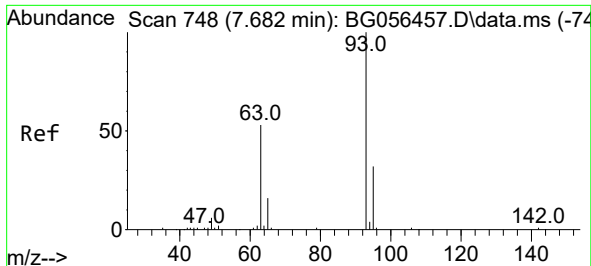
Tgt Ion: 77 Resp: 6917
Ion Ratio Lower Upper
77 100
105 98.8 101.8 141.8#
106 101.1 93.0 133.0



#10
Phenol
Concen: 4.176 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion: 94 Resp: 9622
Ion Ratio Lower Upper
94 100
65 21.8 2.3 42.3
66 28.6 11.2 51.2

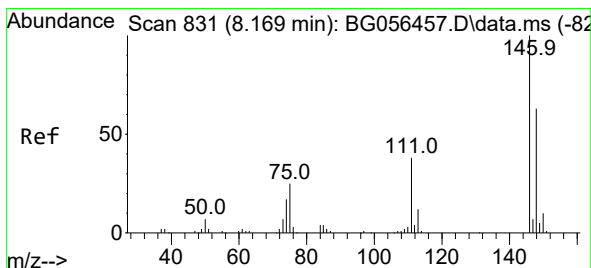
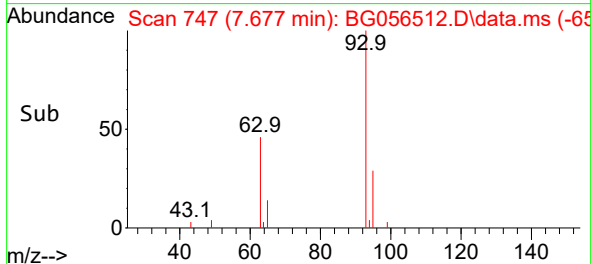
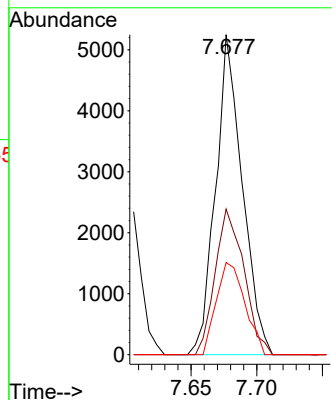
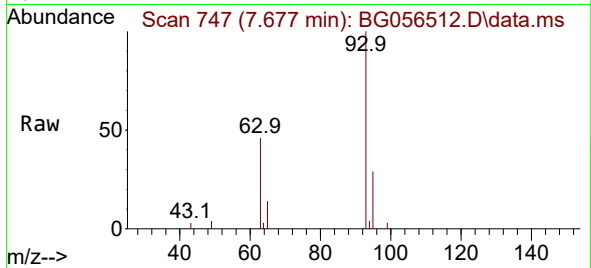




#11
bis(2-Chloroethyl)ether
Concen: 4.675 ng
RT: 7.677 min Scan# 748
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

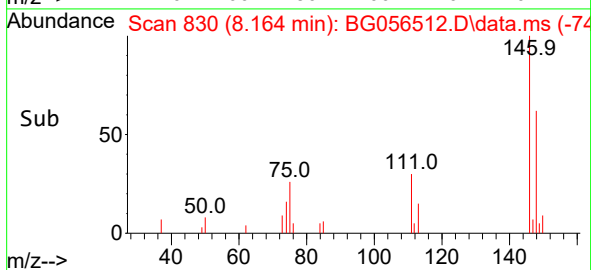
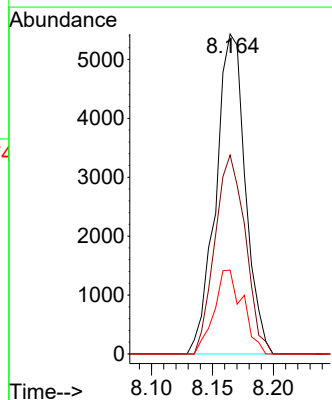
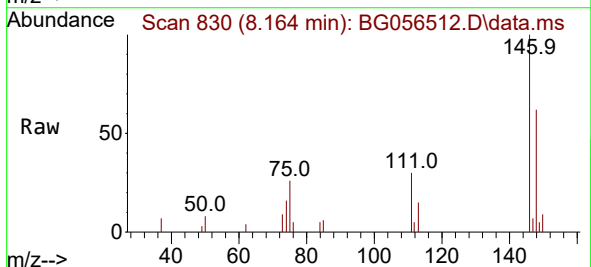
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

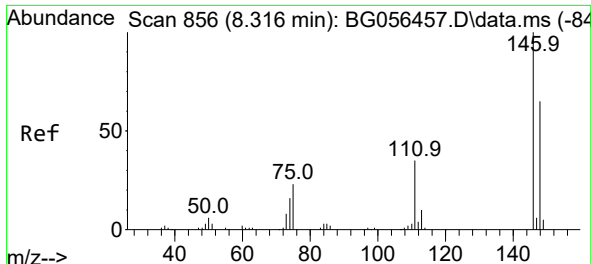
Tgt Ion:	93	Resp:	7403
Ion	Ratio	Lower	Upper
93	100		
63	45.5	32.4	72.4
95	28.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 4.744 ng
RT: 8.164 min Scan# 830
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:	146	Resp:	9180
Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	75.8
75	26.2	19.6	29.4





#13

1,4-Dichlorobenzene

Concen: 4.685 ng

RT: 8.164 min Scan# 81

Delta R.T. -0.146 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

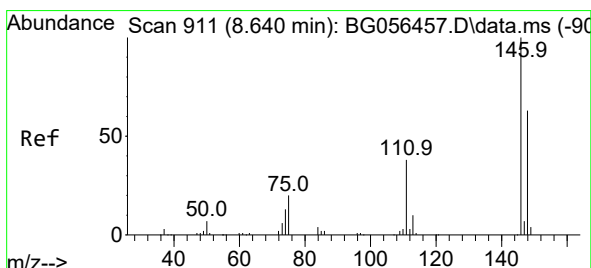
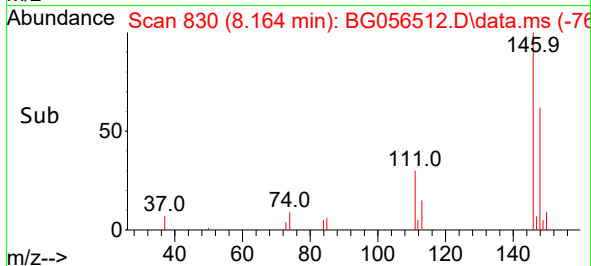
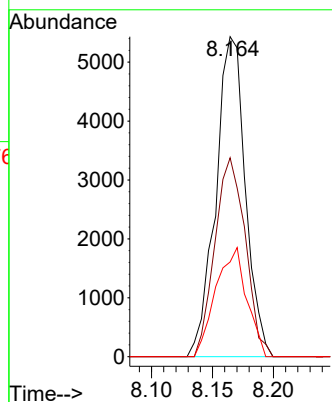
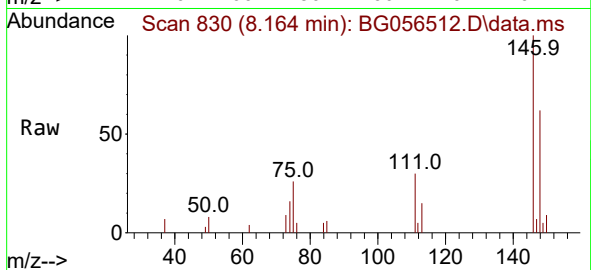
Tgt Ion:146 Resp: 9180

Ion Ratio Lower Upper

146 100

148 62.1 51.8 77.6

111 29.6 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 4.766 ng

RT: 8.634 min Scan# 910

Delta R.T. 0.001 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

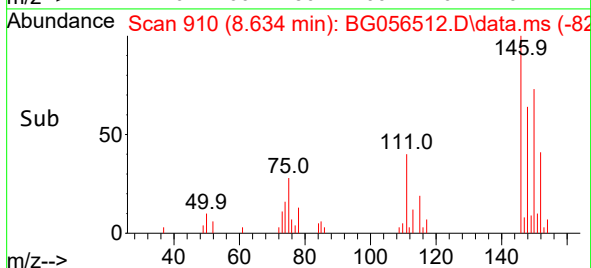
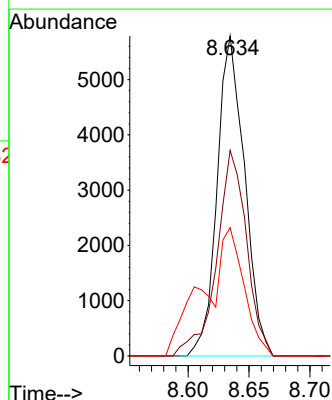
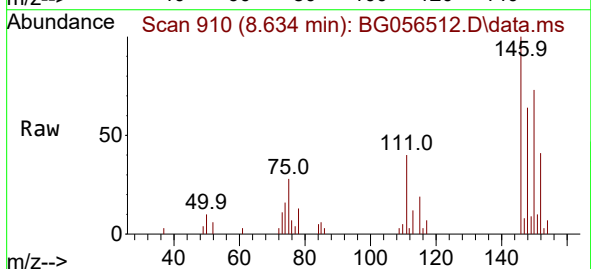
Tgt Ion:146 Resp: 9062

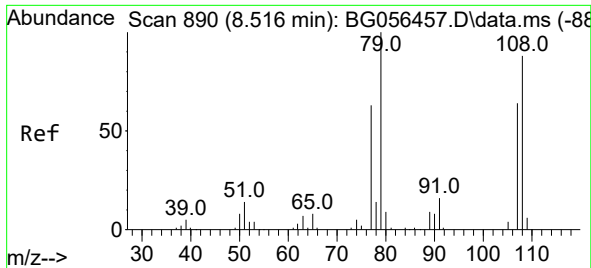
Ion Ratio Lower Upper

146 100

148 64.2 50.1 75.1

111 40.1 30.9 46.3

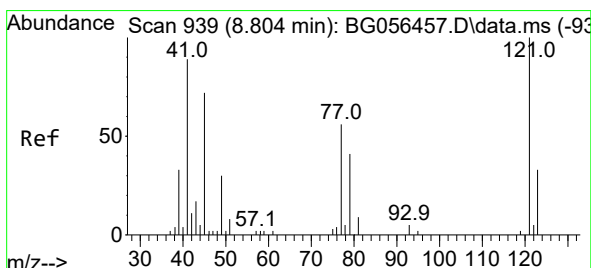
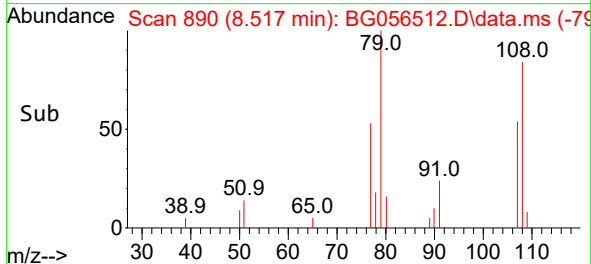
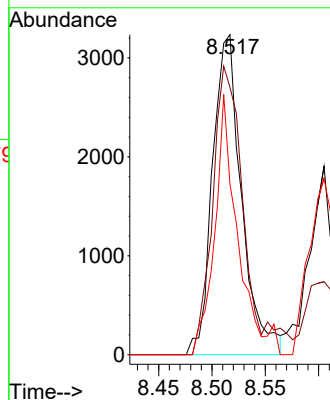
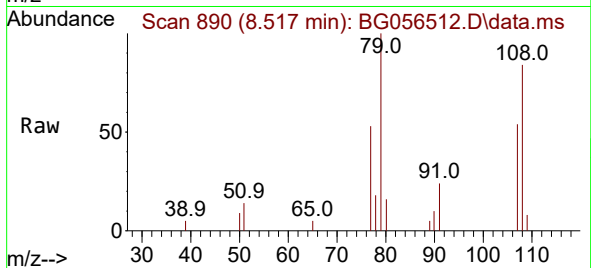




#15
Benzyl Alcohol
Concen: 3.944 ng
RT: 8.517 min Scan# 890
Delta R.T. 0.006 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

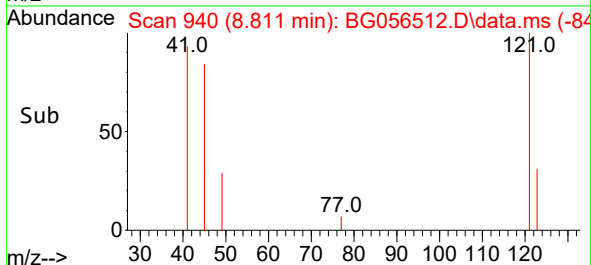
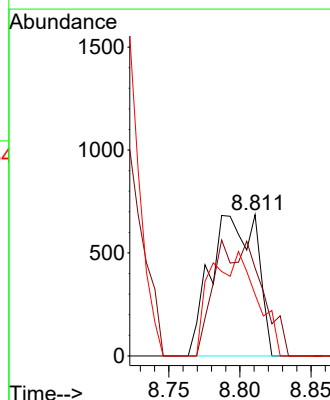
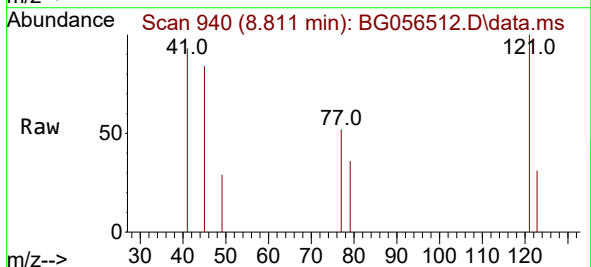
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

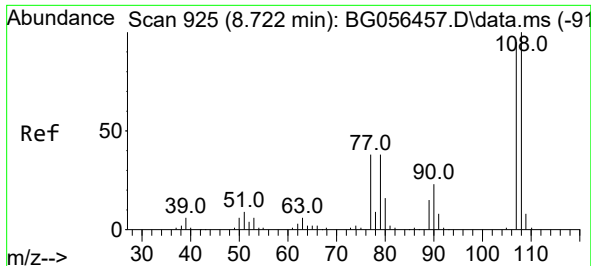
Tgt Ion: 79 Resp: 6134
Ion Ratio Lower Upper
79 100
108 83.6 70.1 105.1
77 53.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.617 ng
RT: 8.811 min Scan# 940
Delta R.T. 0.018 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion: 45 Resp: 1549
Ion Ratio Lower Upper
45 100
77 62.2 62.1 102.1
79 43.4 42.7 82.7

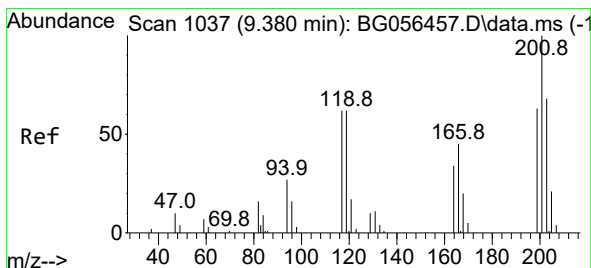
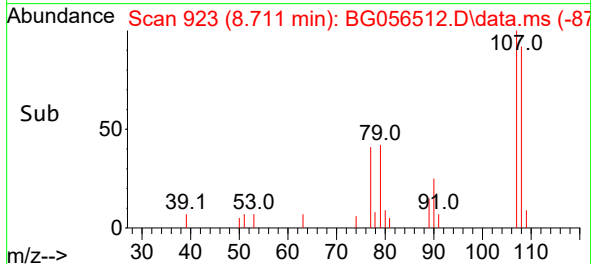
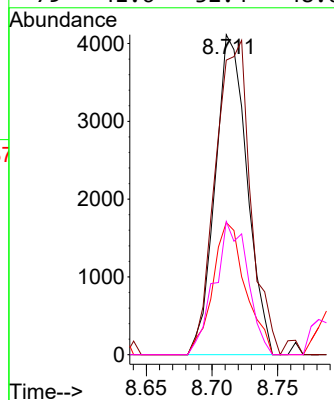
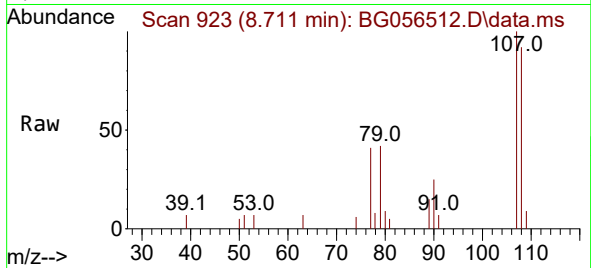




#17
2-Methylphenol
Concen: 3.963 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

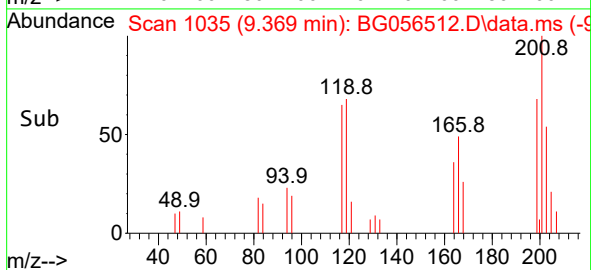
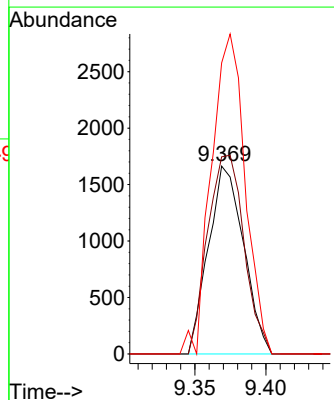
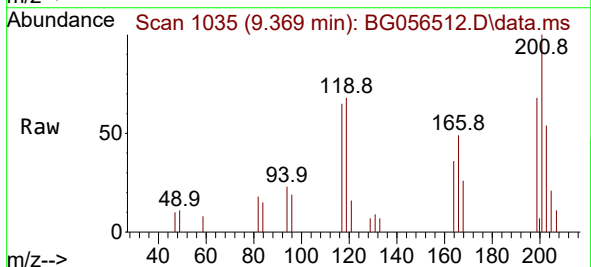
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

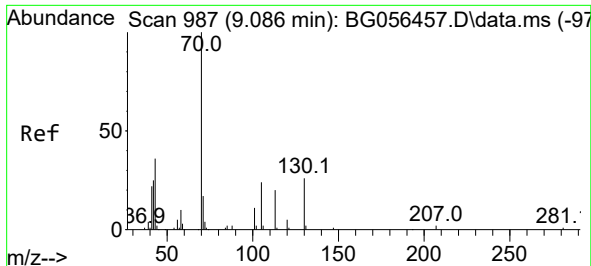
Tgt Ion	107	Resp:	6946
	Ratio	Lower	Upper
107	100		
108	92.1	83.9	125.9
77	41.3	31.6	47.4
79	41.6	32.4	48.6



#18
Hexachloroethane
Concen: 4.839 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:117	Resp:	2868	
Ion	Ratio	Lower	Upper
117	100		
119	104.9	79.4	119.0
201	154.9	128.5	192.7

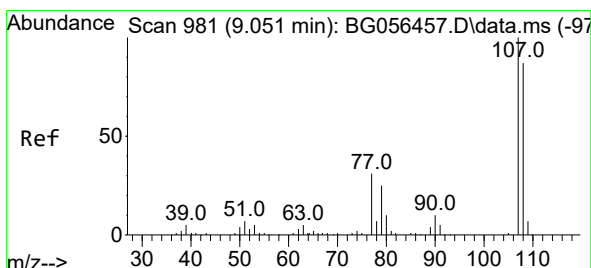
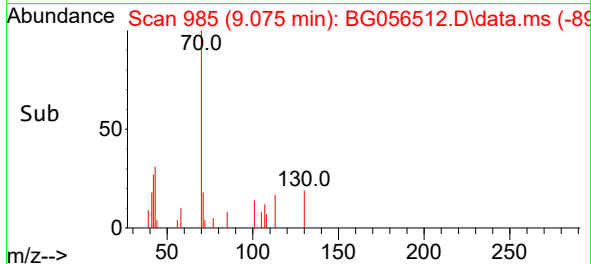
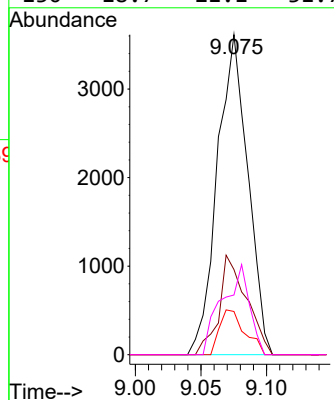
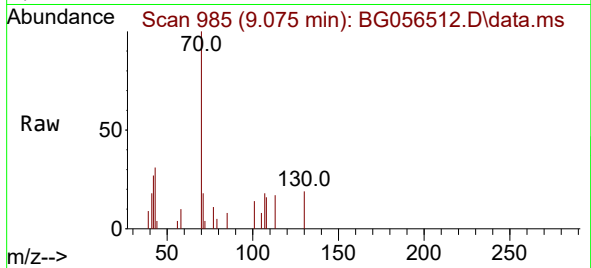




#19
n-Nitroso-di-n-propylamine
Concen: 4.473 ng
RT: 9.075 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

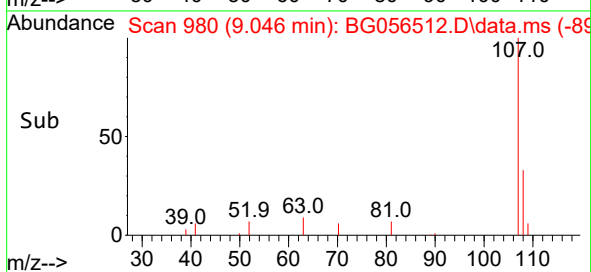
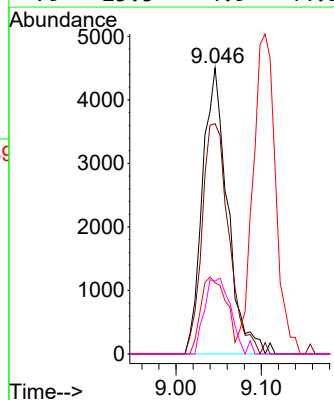
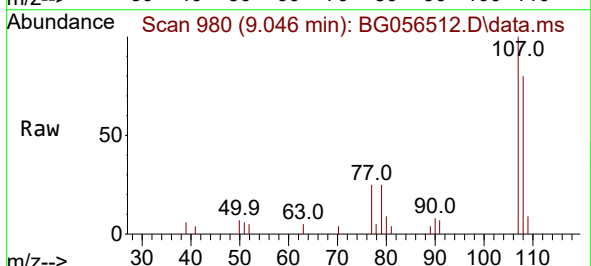
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

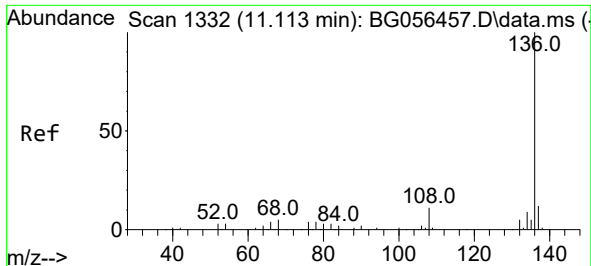
Tgt Ion: 70 Resp: 5843
Ion Ratio Lower Upper
70 100
42 26.6 20.2 30.4
101 13.5 9.1 13.7
130 18.7 21.1 31.7#



#20
3+4-Methylphenols
Concen: 3.758 ng
RT: 9.046 min Scan# 980
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion: 107 Resp: 9231
Ion Ratio Lower Upper
107 100
108 80.5 66.7 106.7
77 24.9 10.6 50.6
79 25.5 4.9 44.9

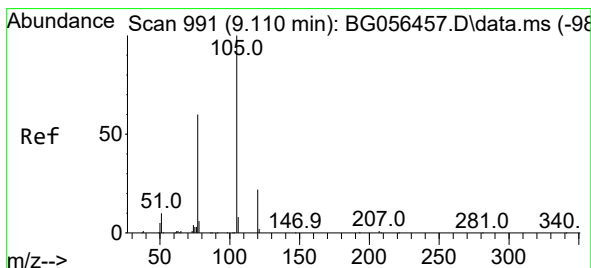
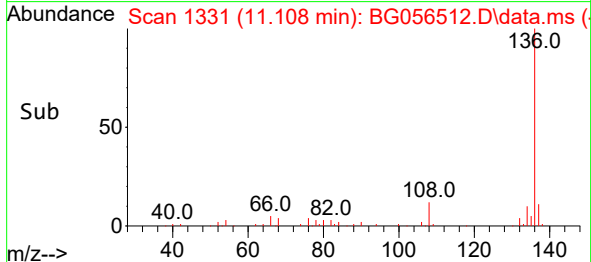
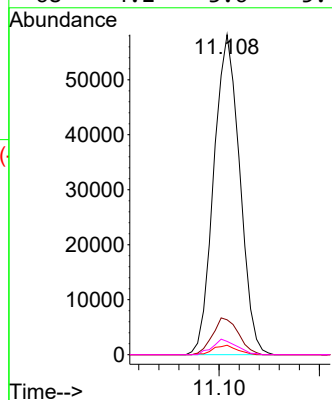
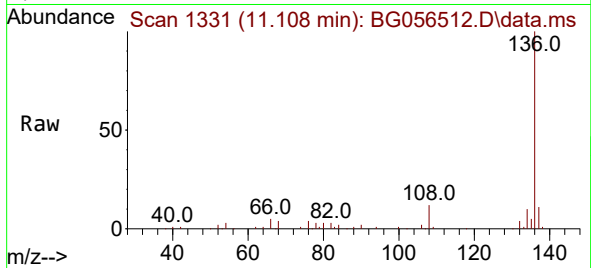




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

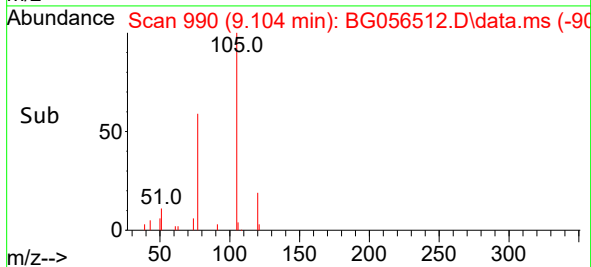
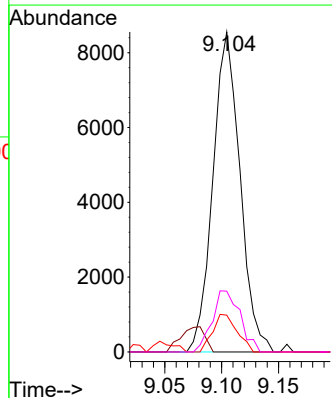
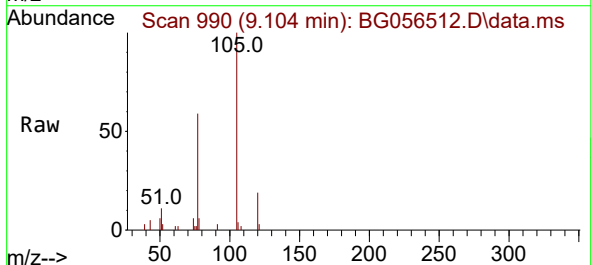
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

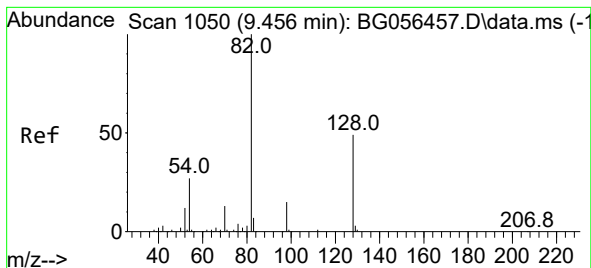
Tgt Ion:136 Resp: 104278
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 3.0 2.2 3.4
68 4.2 3.6 5.4



#22
Acetophenone
Concen: 5.121 ng
RT: 9.104 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:105 Resp: 14188
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 11.5 9.2 13.8
120 19.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 98.765 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

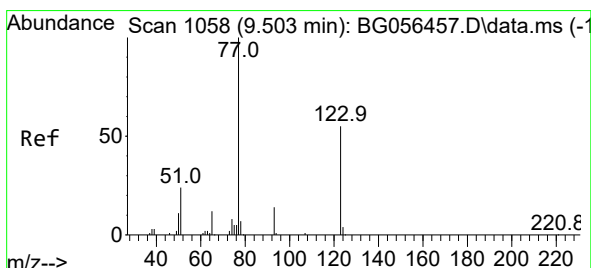
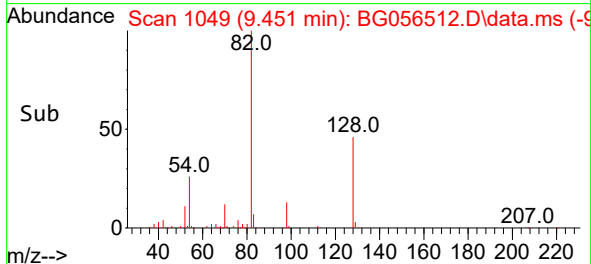
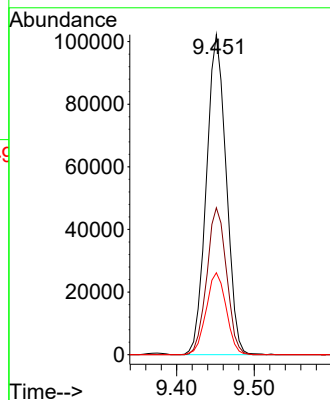
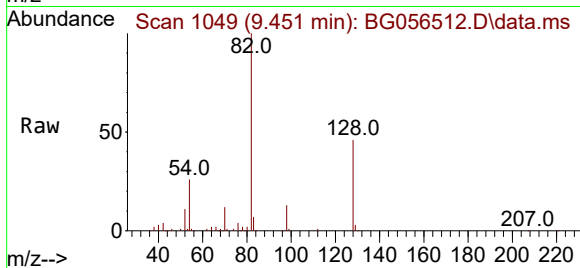
Tgt Ion: 82 Resp: 181369

Ion Ratio Lower Upper

82 100

128 45.9 39.4 59.2

54 25.6 21.4 32.2



#24

Nitrobenzene

Concen: 5.178 ng

RT: 9.492 min Scan# 1056

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

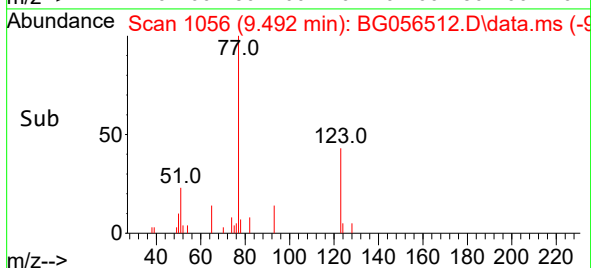
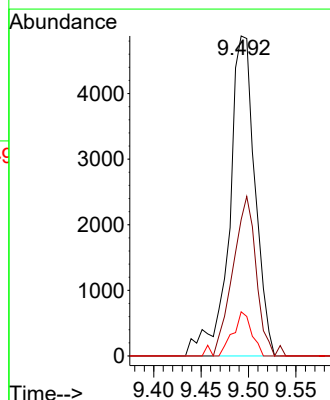
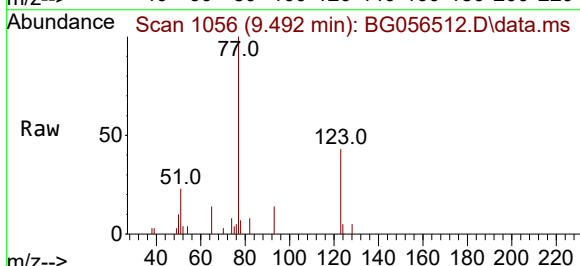
Tgt Ion: 77 Resp: 9171

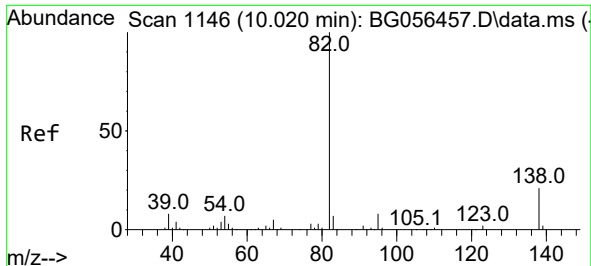
Ion Ratio Lower Upper

77 100

123 42.6 44.0 66.0#

65 13.8 9.7 14.5

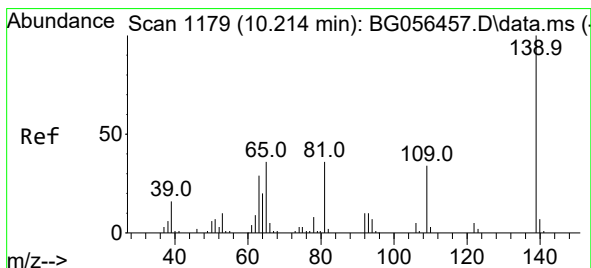
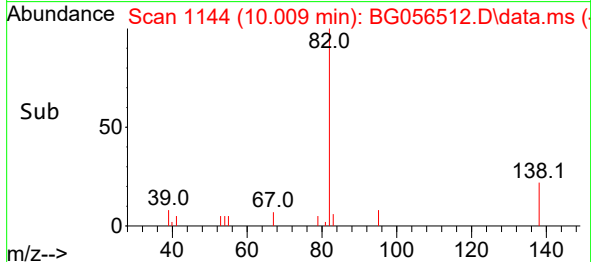
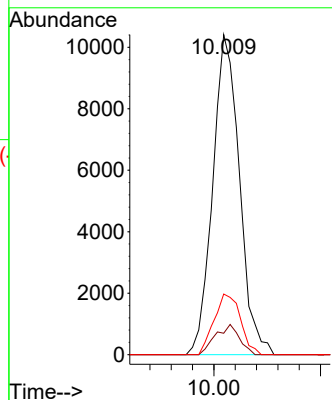
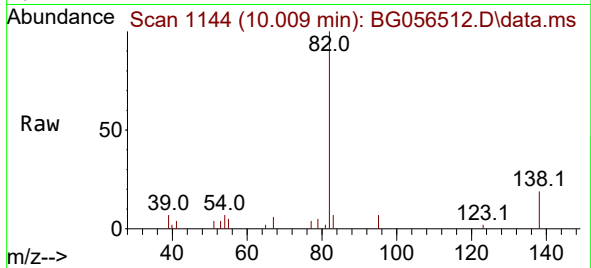




#25
Isophorone
Concen: 4.774 ng
RT: 10.009 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

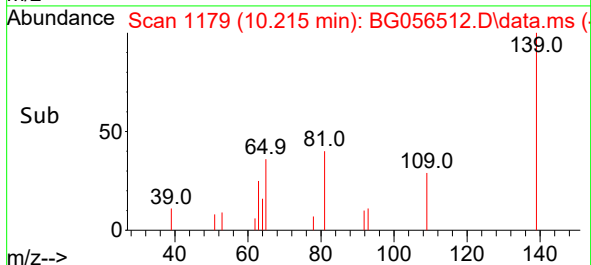
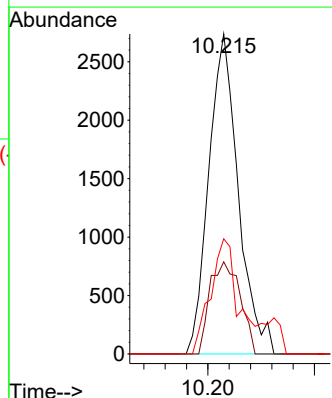
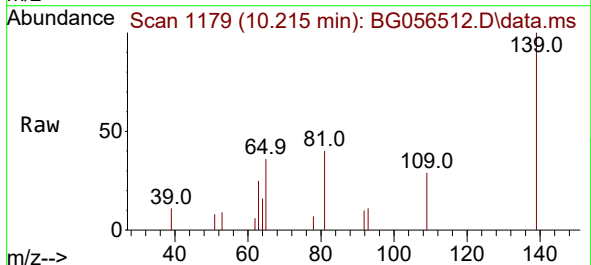
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

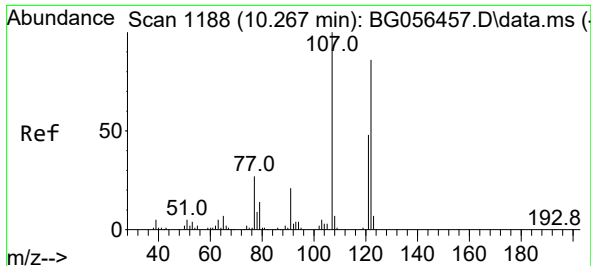
Tgt Ion: 82 Resp: 18087
Ion Ratio Lower Upper
82 100
95 6.7 6.3 9.5
138 19.0 16.6 25.0



#26
2-Nitrophenol
Concen: 4.896 ng
RT: 10.215 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:139 Resp: 5262
Ion Ratio Lower Upper
139 100
109 28.8 26.9 40.3
65 36.0 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 4.392 ng

RT: 10.256 min Scan# 1186

Delta R.T. 0.001 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

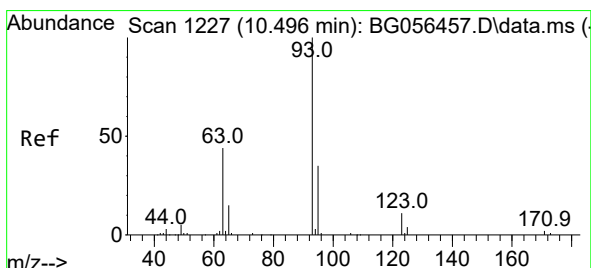
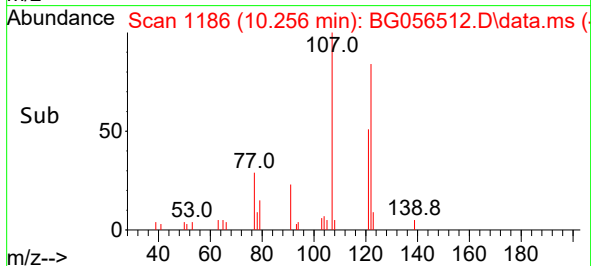
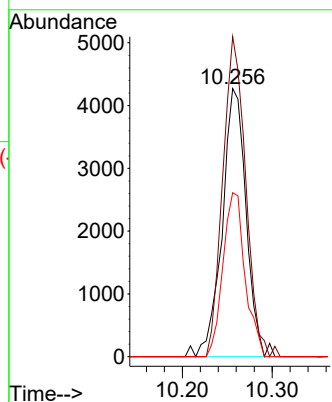
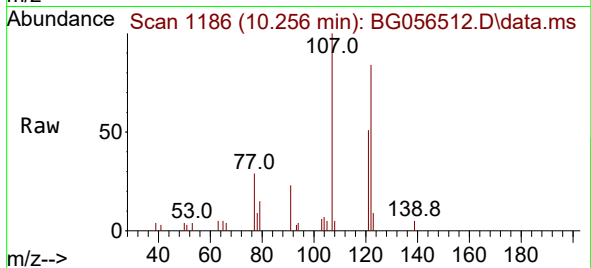
Tgt Ion:122 Resp: 7899

Ion Ratio Lower Upper

122 100

107 119.4 92.9 139.3

121 61.2 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 5.039 ng

RT: 10.491 min Scan# 1226

Delta R.T. 0.001 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

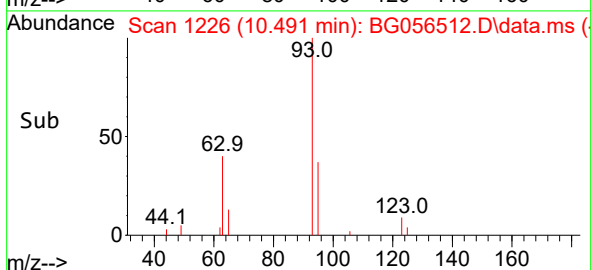
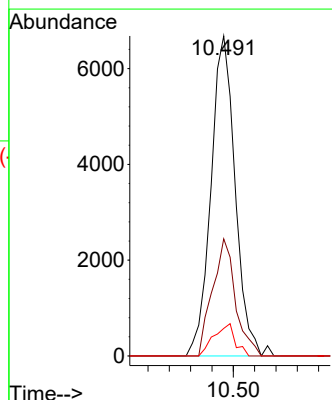
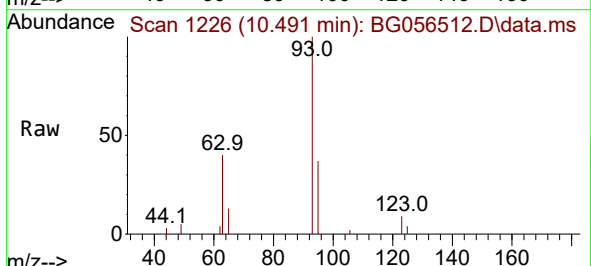
Tgt Ion: 93 Resp: 10546

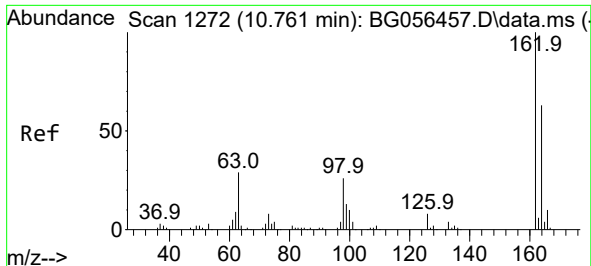
Ion Ratio Lower Upper

93 100

95 36.6 27.9 41.9

123 8.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 4.299 ng

RT: 10.761 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

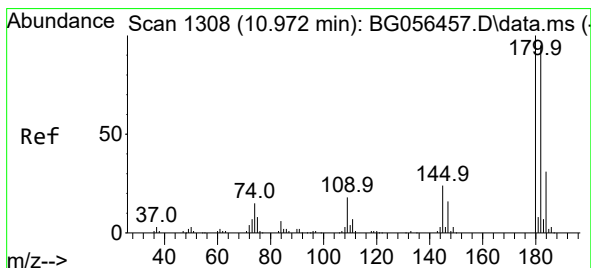
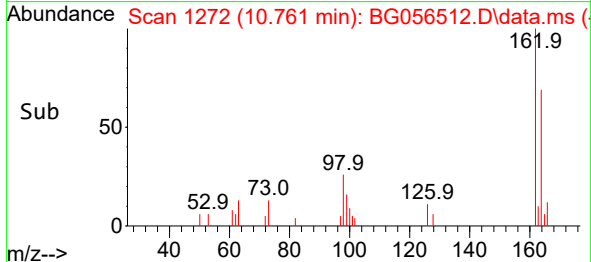
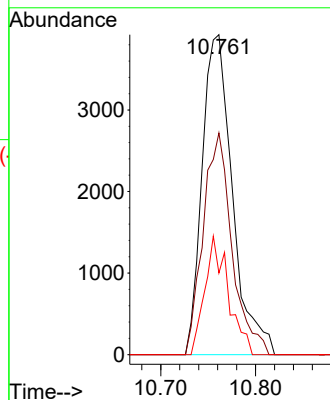
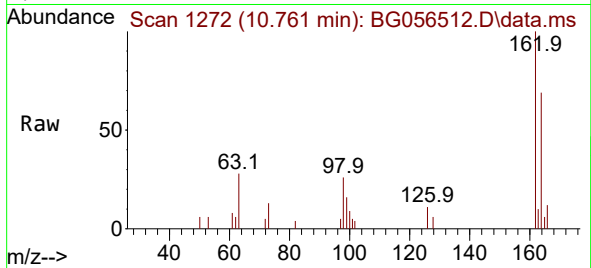
Tgt Ion:162 Resp: 8703

Ion Ratio Lower Upper

162 100

164 69.3 42.8 82.8

98 25.5 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 5.084 ng

RT: 10.967 min Scan# 1307

Delta R.T. 0.001 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

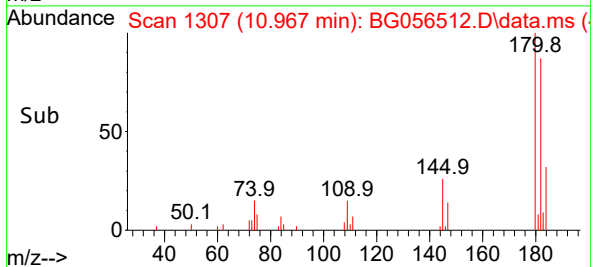
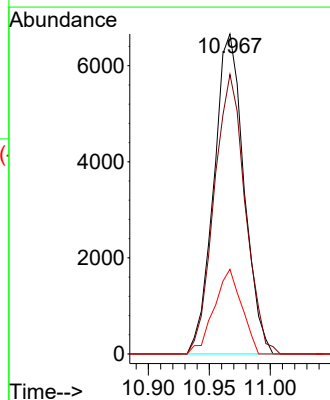
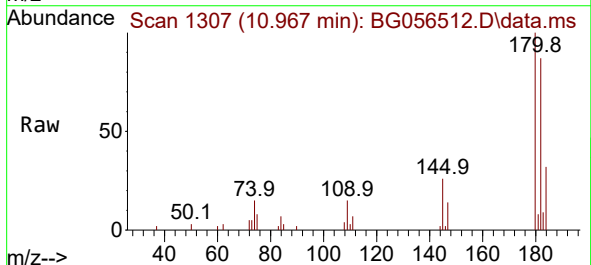
Tgt Ion:180 Resp: 11438

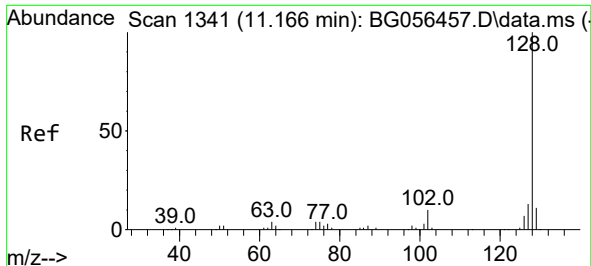
Ion Ratio Lower Upper

180 100

182 87.4 75.9 113.9

145 26.4 19.4 29.0

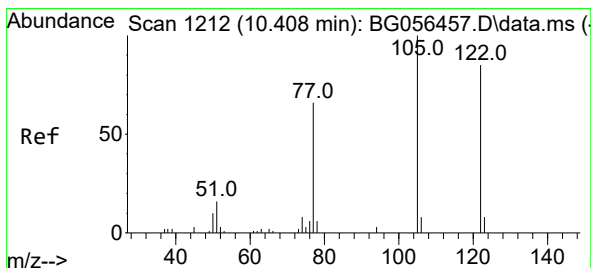
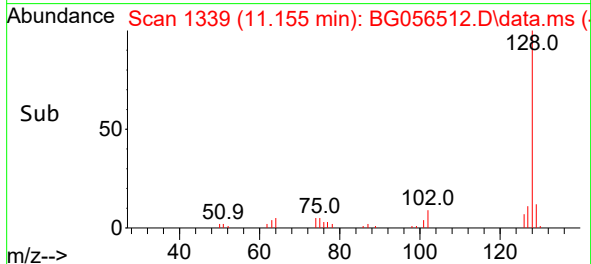
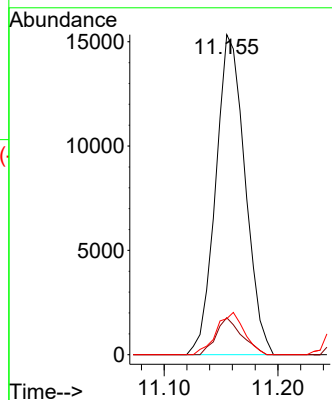
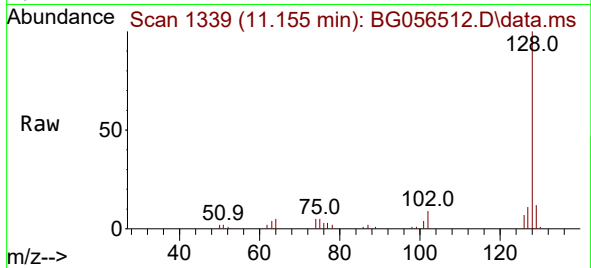




#31
Naphthalene
Concen: 4.996 ng
RT: 11.155 min Scan# 1186
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

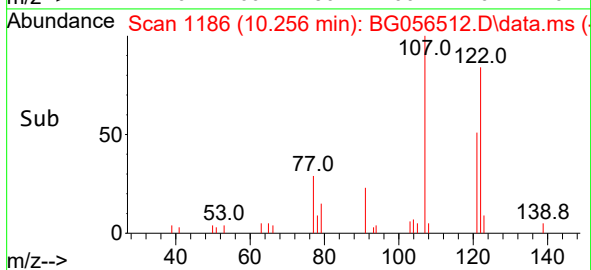
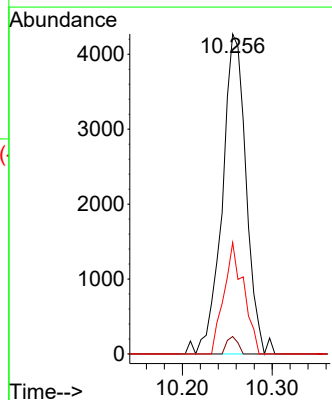
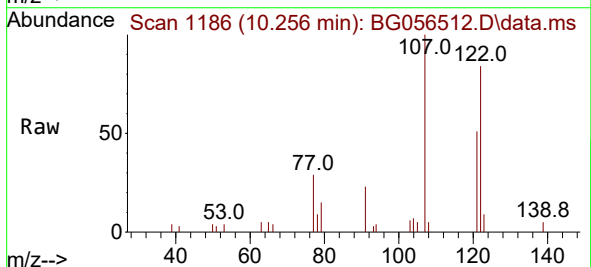
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

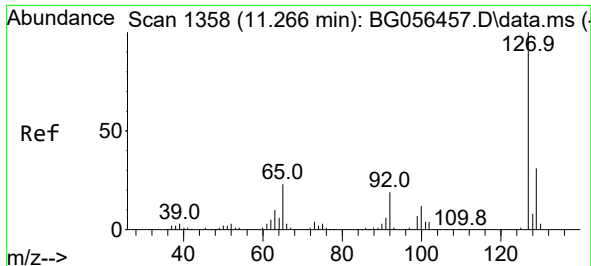
Tgt Ion:128 Resp: 27496
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 11.3 10.4 15.6



#32
Benzoic acid
Concen: 7.850 ng
RT: 10.256 min Scan# 1186
Delta R.T. -0.146 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

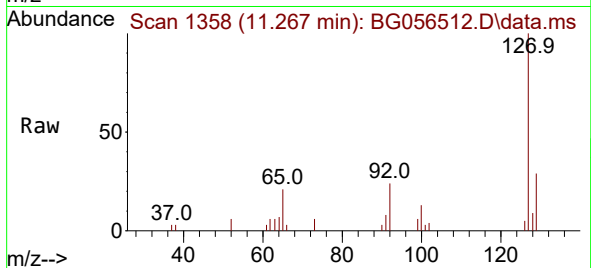
Tgt Ion:122 Resp: 7899
Ion Ratio Lower Upper
122 100
105 5.5 96.5 136.5#
77 34.8 57.3 97.3#



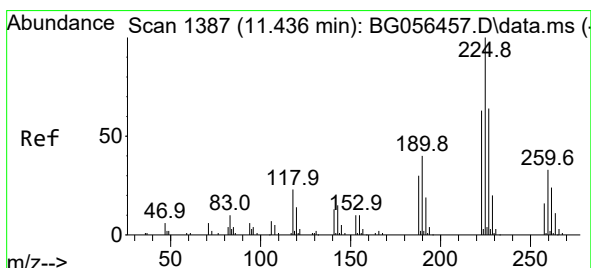
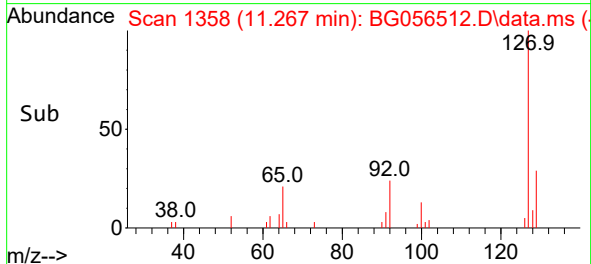
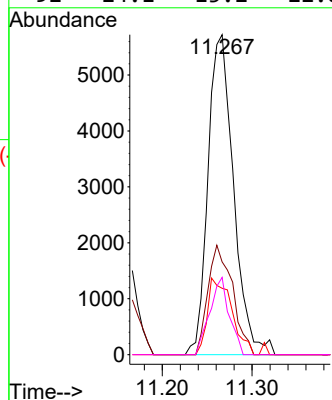


#33
4-Chloroaniline
Concen: 4.404 ng
RT: 11.267 min Scan# 11267
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

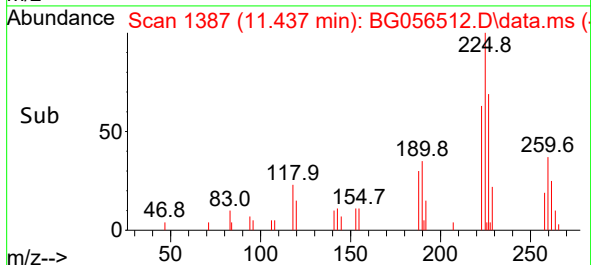
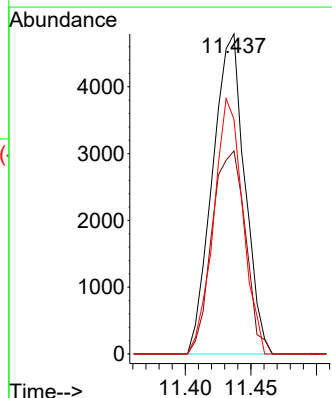
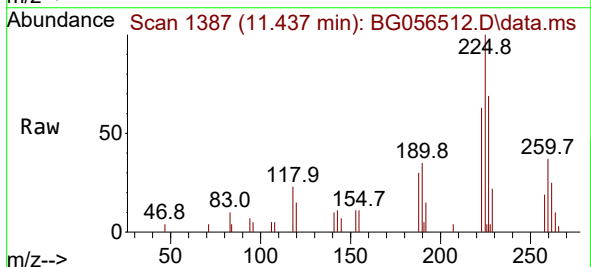


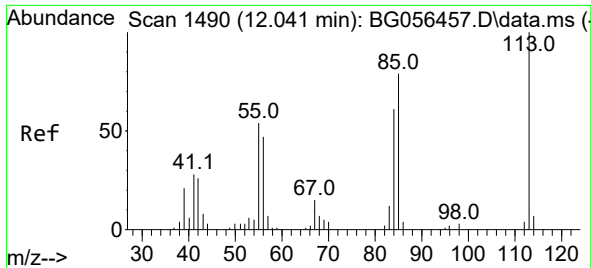
Tgt Ion:	127	Resp:	11314
Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.0	37.6
65	20.8	18.5	27.7
92	24.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 5.181 ng
RT: 11.437 min Scan# 1387
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:	225	Resp:	8182
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	75.8
227	70.8	53.7	80.5

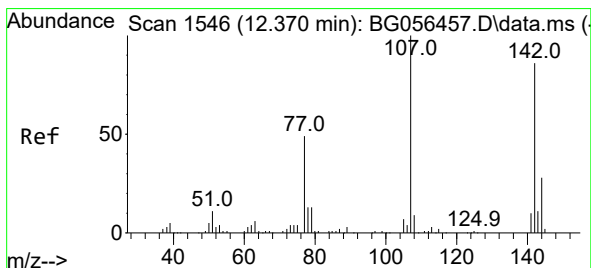
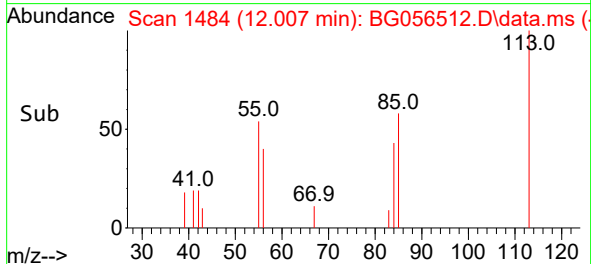
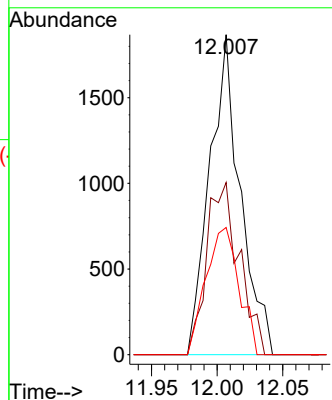
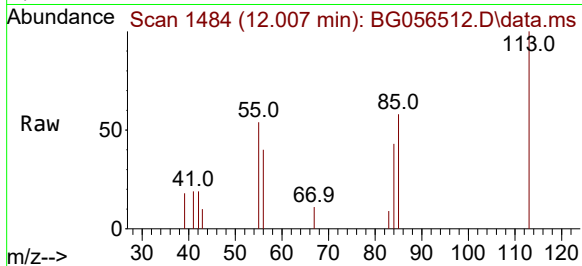




#35
Caprolactam
Concen: 4.439 ng
RT: 12.007 min Scan# 1490
Delta R.T. -0.023 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

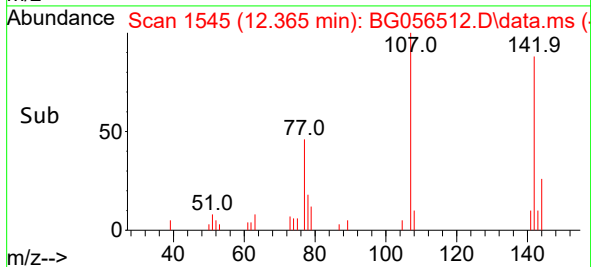
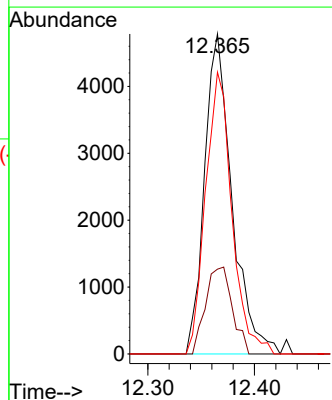
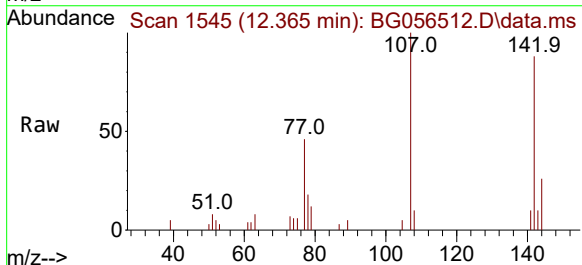
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

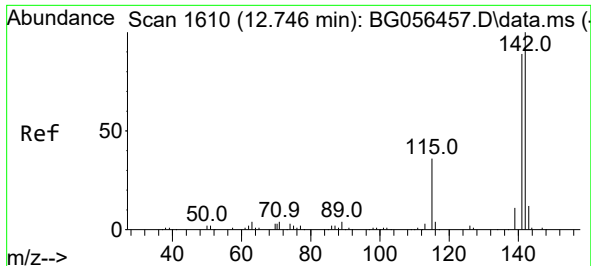
Tgt Ion:113 Resp: 3031
Ion Ratio Lower Upper
113 100
55 53.8 33.7 73.7
56 39.8 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 4.374 ng
RT: 12.365 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:107 Resp: 8552
Ion Ratio Lower Upper
107 100
144 26.5 22.3 33.5
142 88.1 68.9 103.3

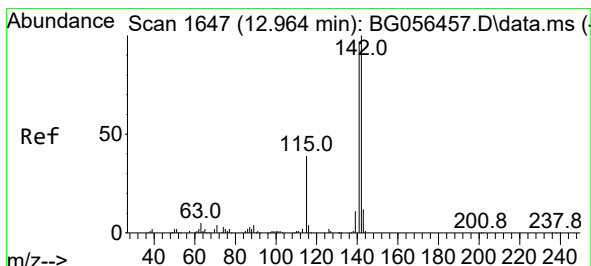
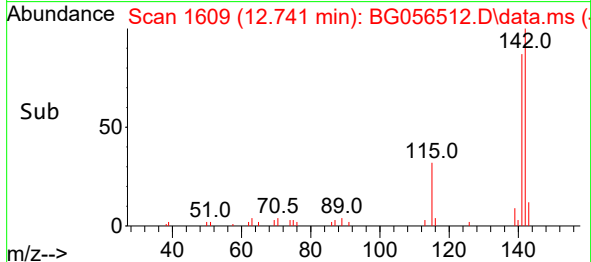
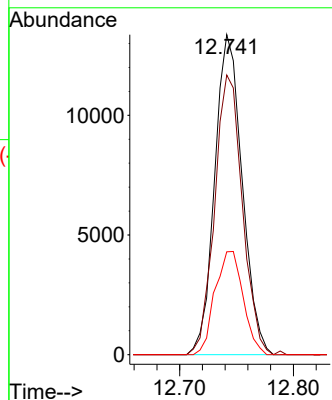
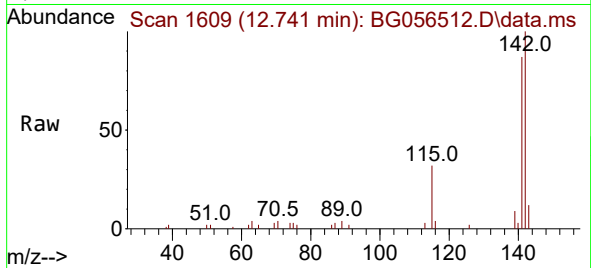




#37
2-Methylnaphthalene
Concen: 4.947 ng
RT: 12.741 min Scan# 1609
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

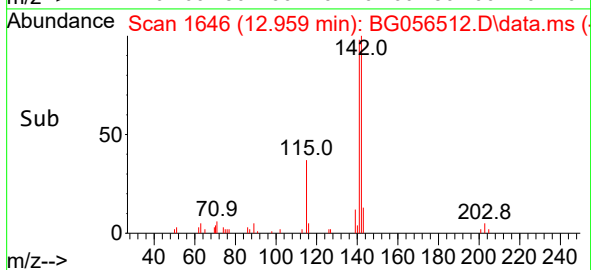
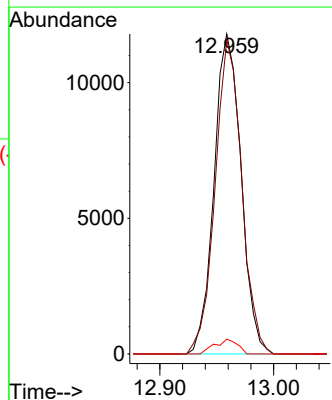
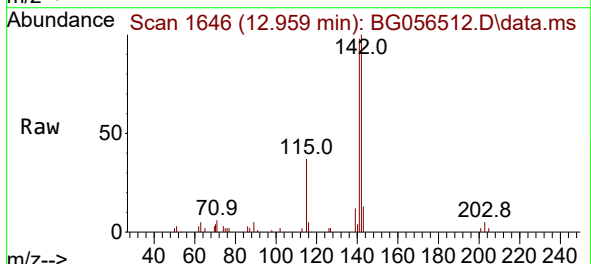
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022

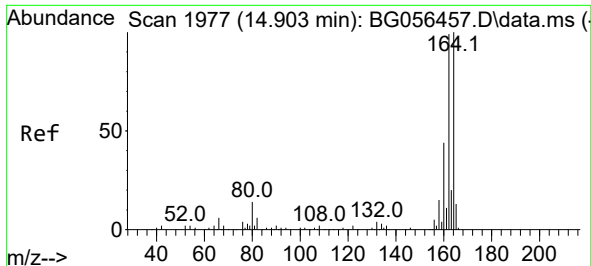
Tgt Ion:142 Resp: 22448
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.0
115 32.2 28.4 42.6



#38
1-Methylnaphthalene
Concen: 4.580 ng
RT: 12.959 min Scan# 1646
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:142 Resp: 19409
Ion Ratio Lower Upper
142 100
141 98.2 77.7 116.5
116 4.6 3.4 5.2

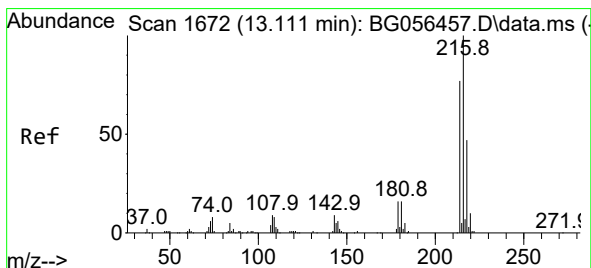
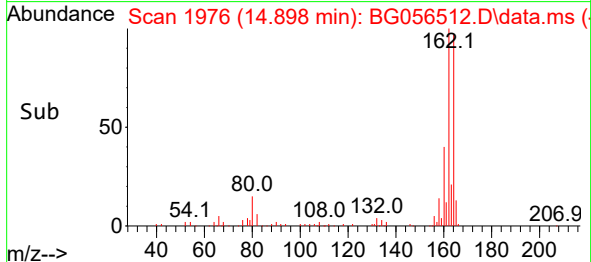
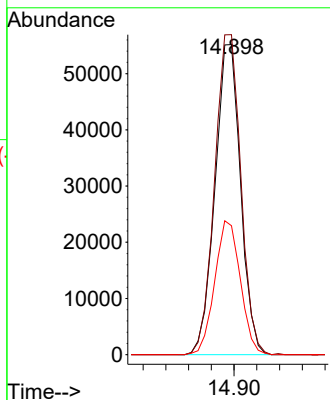
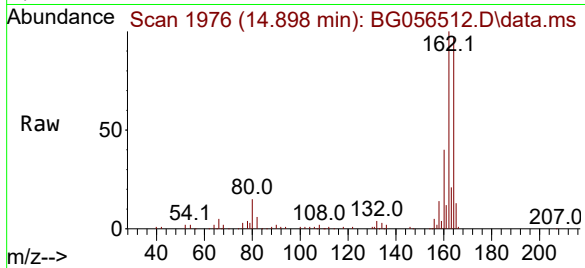




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

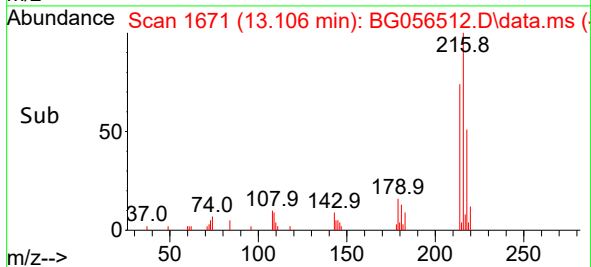
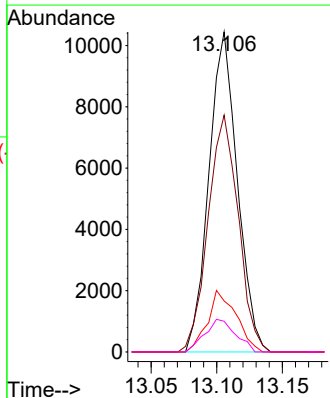
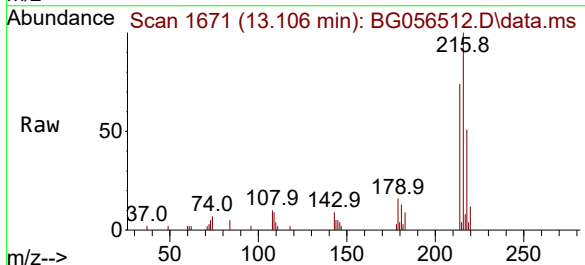
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

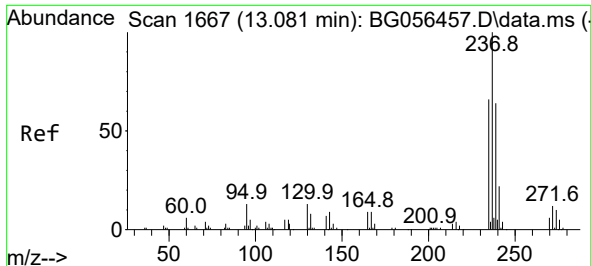
Tgt Ion:164 Resp: 86180
Ion Ratio Lower Upper
164 100
162 103.2 79.6 119.4
160 41.6 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.993 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:216 Resp: 15720
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.6
179 19.4 14.1 21.1
108 11.0 9.0 13.6

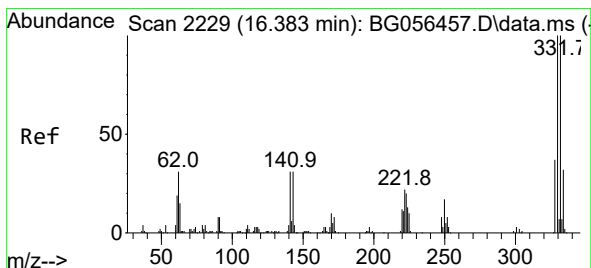
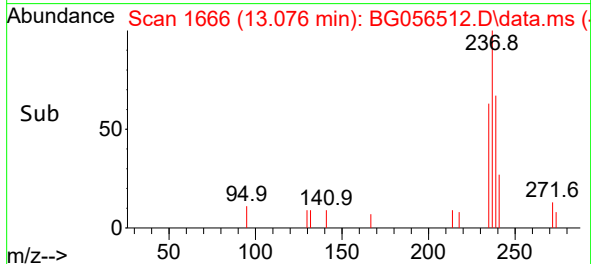
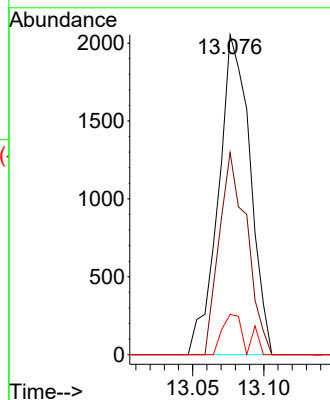
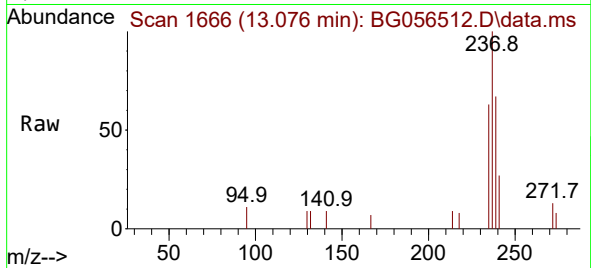




#41
Hexachlorocyclopentadiene
Concen: 8.121 ng
RT: 13.076 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

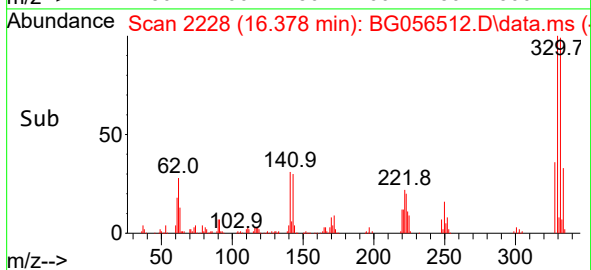
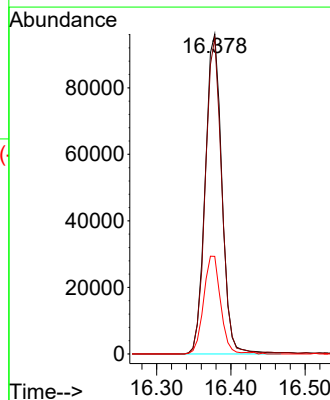
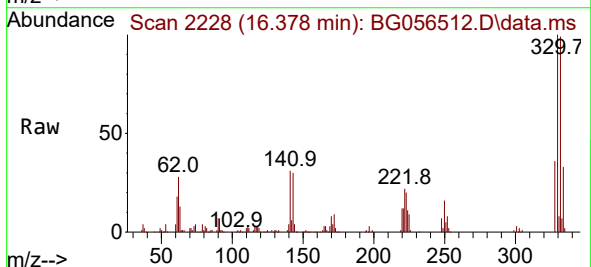
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

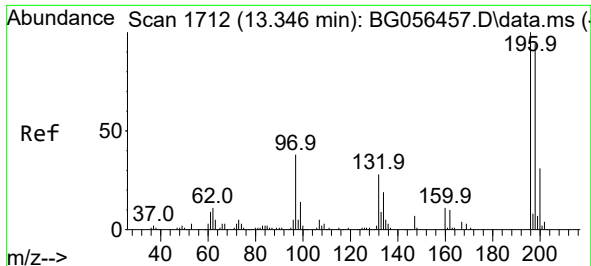
Tgt Ion:237 Resp: 3172
Ion Ratio Lower Upper
237 100
235 63.1 45.6 85.6
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 131.019 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:330 Resp: 150110
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.6
141 31.4 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 4.352 ng

RT: 13.341 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

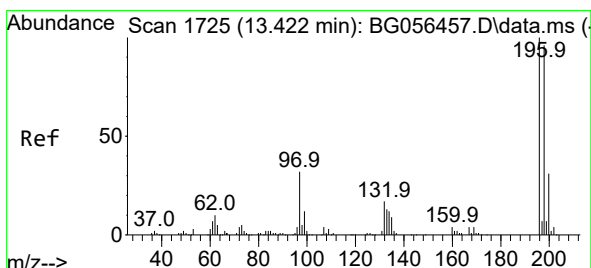
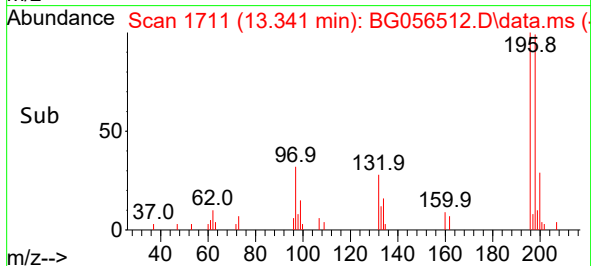
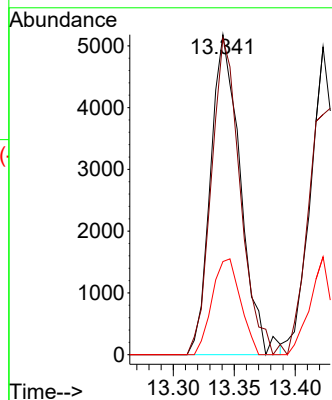
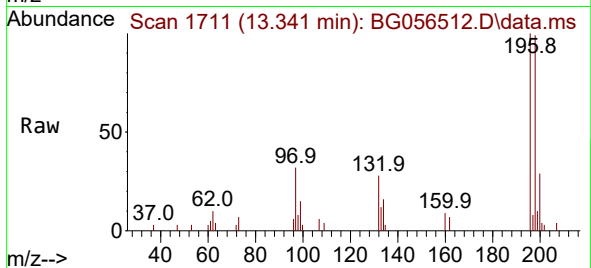
Tgt Ion:196 Resp: 8830

Ion Ratio Lower Upper

196 100

198 98.9 75.4 113.0

200 33.3 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 4.050 ng

RT: 13.423 min Scan# 1725

Delta R.T. 0.006 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Tgt Ion:196 Resp: 9620

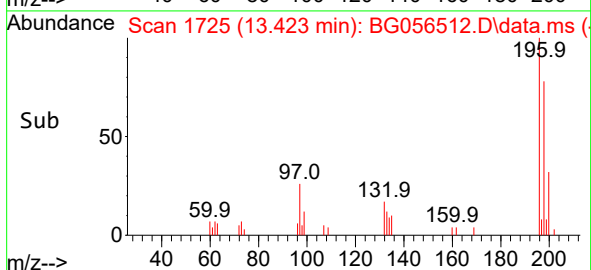
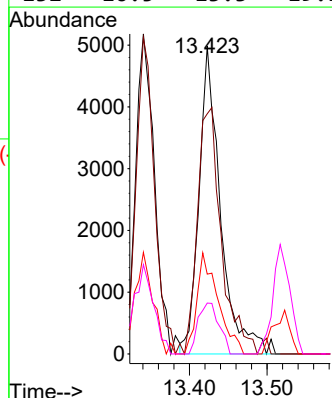
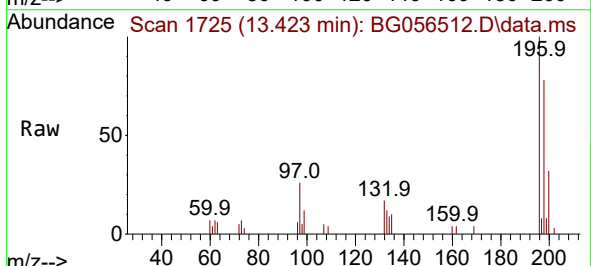
Ion Ratio Lower Upper

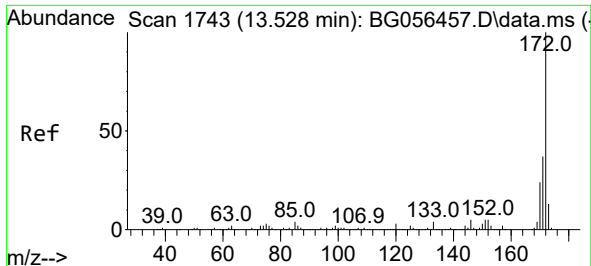
196 100

198 78.0 76.9 115.3

97 26.0 25.8 38.6

132 16.5 13.3 19.9

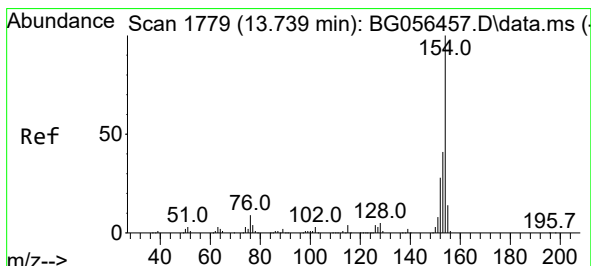
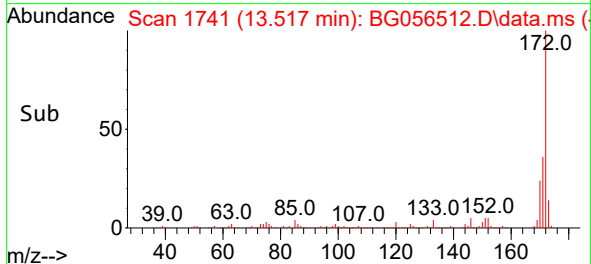
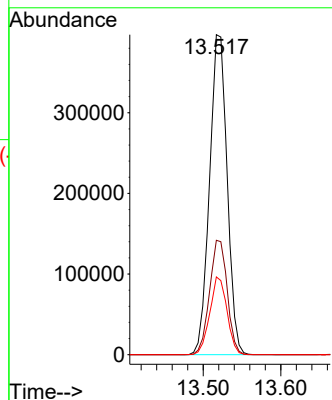
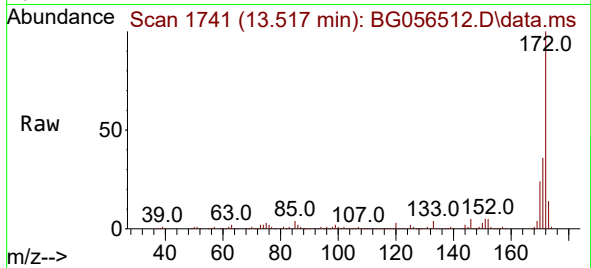




#45
2-Fluorobiphenyl
Concen: 100.912 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

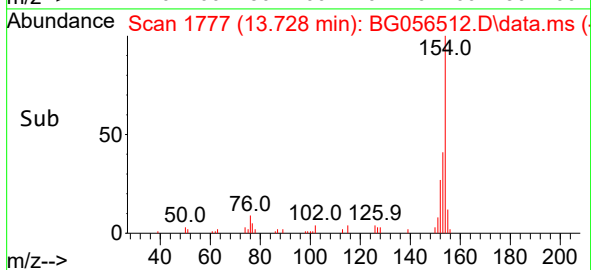
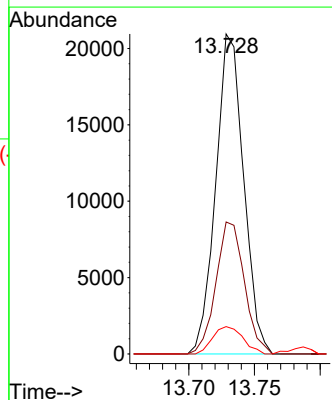
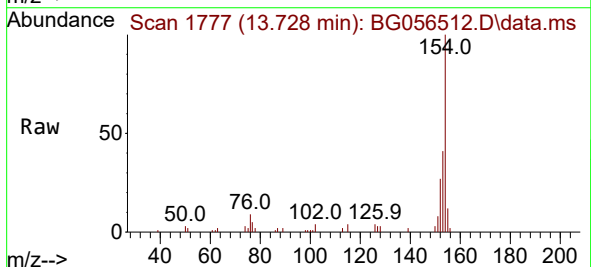
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

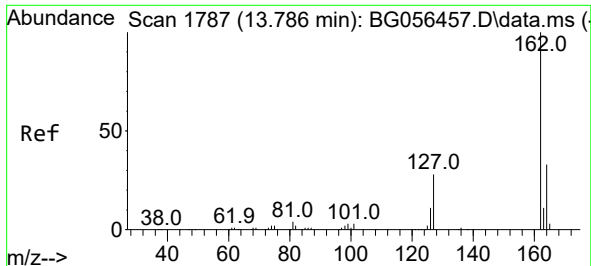
Tgt Ion:172 Resp: 627267
Ion Ratio Lower Upper
172 100
171 35.8 29.5 44.3
170 24.3 19.2 28.8



#46
1,1'-Biphenyl
Concen: 4.945 ng
RT: 13.728 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:154 Resp: 30908
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 8.5 0.0 28.8

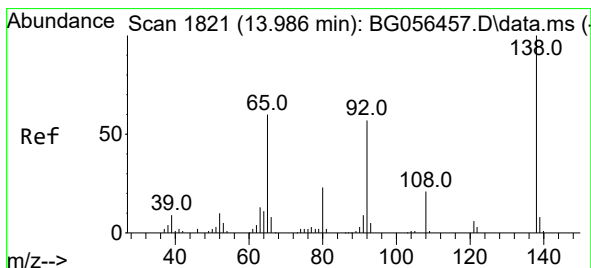
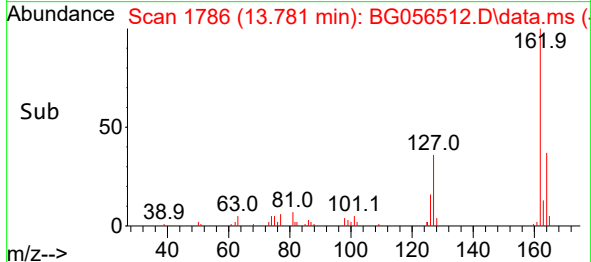
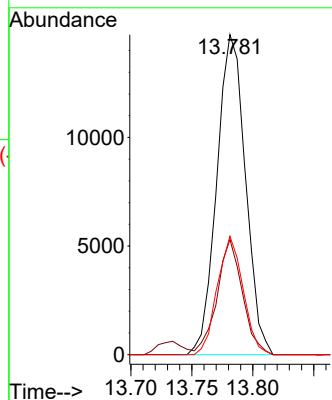
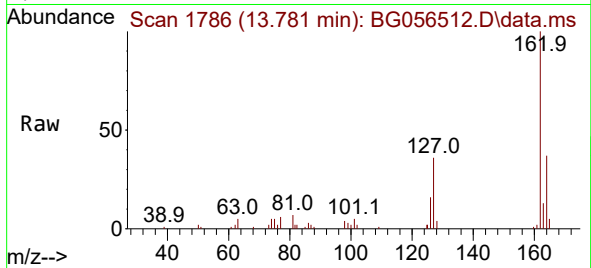




#47
2-Chloronaphthalene
Concen: 4.921 ng
RT: 13.781 min Scan# 1786
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

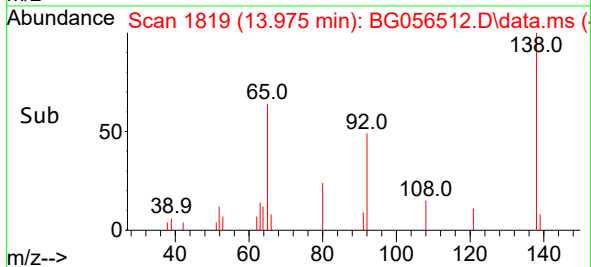
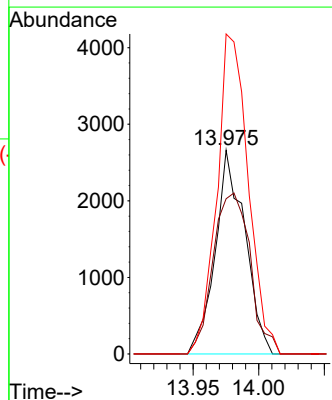
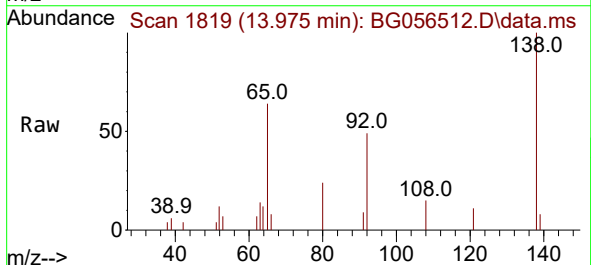
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022

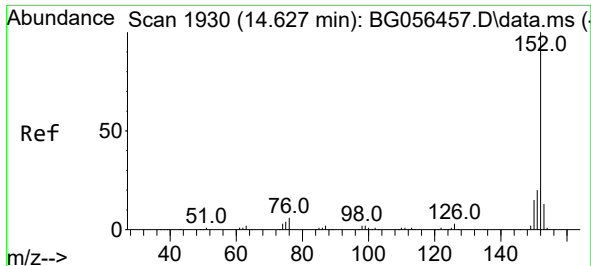
Tgt Ion:162 Resp: 24045
Ion Ratio Lower Upper
162 100
127 36.0 25.2 37.8
164 37.0 26.2 39.2



#48
2-Nitroaniline
Concen: 4.136 ng
RT: 13.975 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion: 65 Resp: 4177
Ion Ratio Lower Upper
65 100
92 76.2 75.8 113.6
138 157.1 133.2 199.8

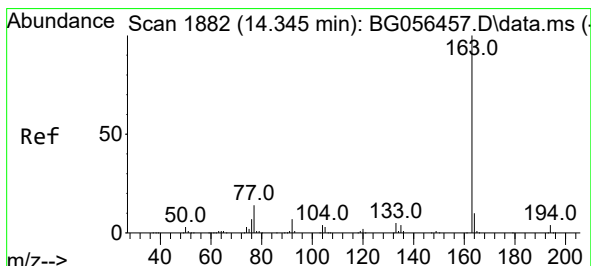
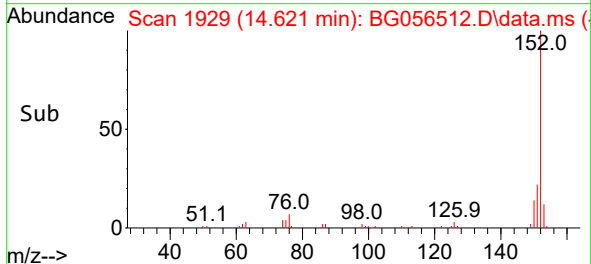
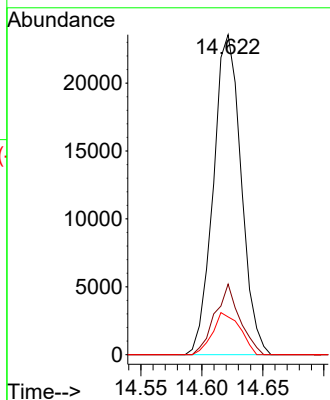
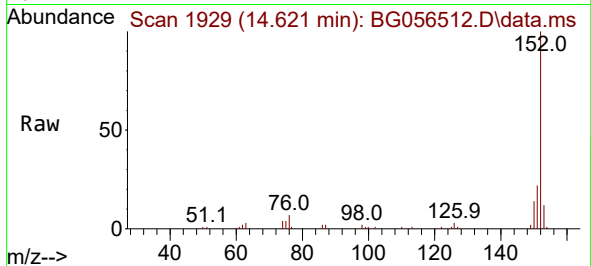




#49
Acenaphthylene
Concen: 4.704 ng
RT: 14.621 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

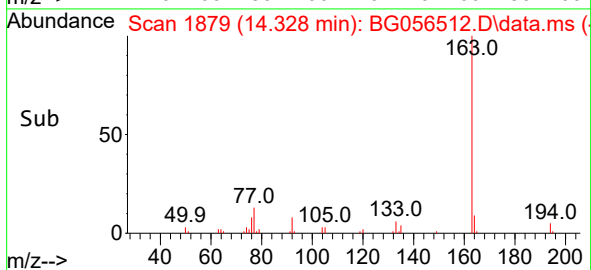
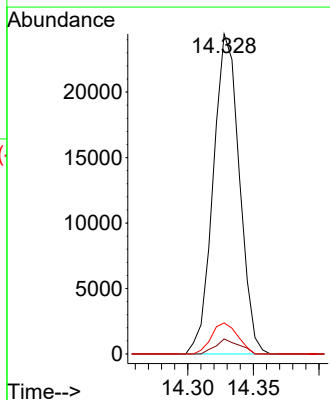
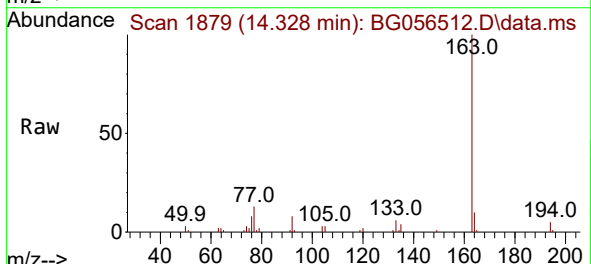
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022

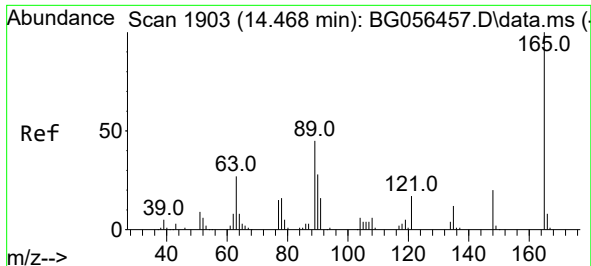
Tgt Ion:152 Resp: 37394
Ion Ratio Lower Upper
152 100
151 22.1 15.9 23.9
153 11.8 10.5 15.7



#50
Dimethylphthalate
Concen: 4.863 ng
RT: 14.328 min Scan# 1879
Delta R.T. -0.011 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:163 Resp: 33905
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 9.7 8.1 12.1

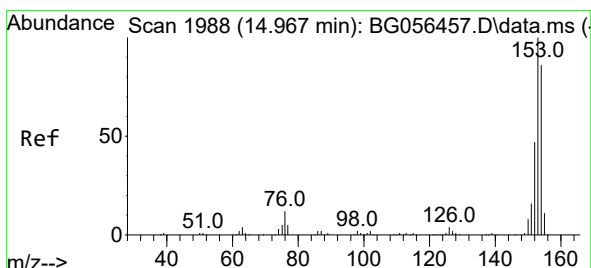
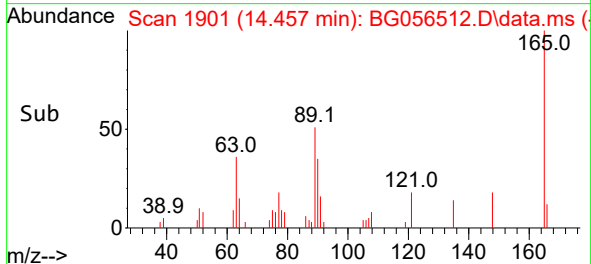
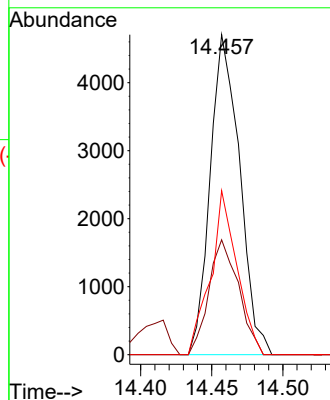
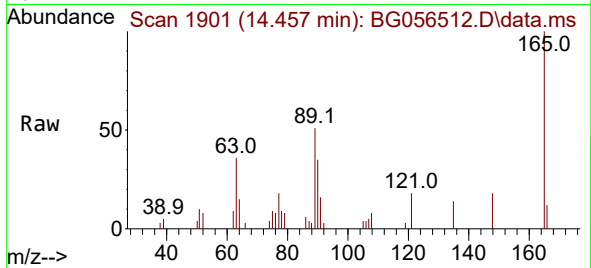




#51
2,6-Dinitrotoluene
Concen: 4.462 ng
RT: 14.457 min Scan# 1901
Delta R.T. -0.011 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

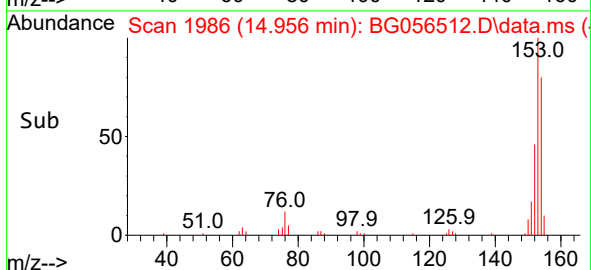
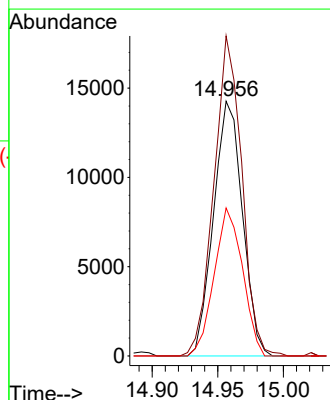
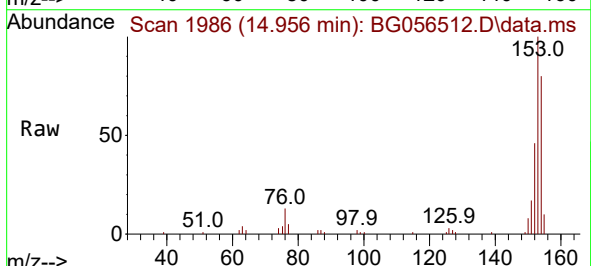
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

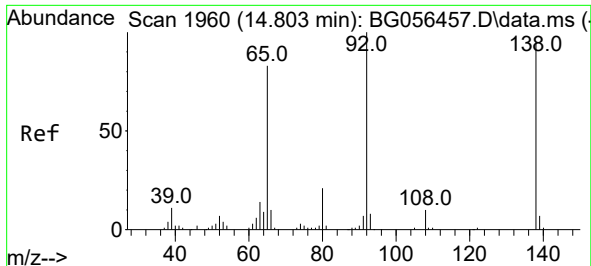
Tgt Ion:165 Resp: 6784
Ion Ratio Lower Upper
165 100
63 35.9 26.9 40.3
89 51.3 35.6 53.4



#52
Acenaphthene
Concen: 4.638 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

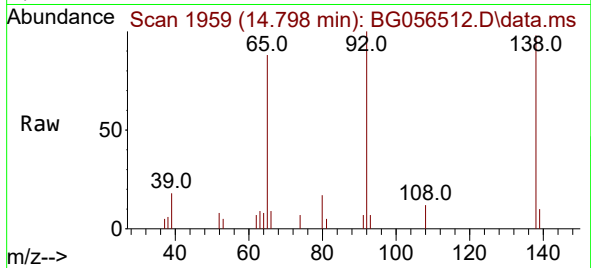
Tgt Ion:154 Resp: 21865
Ion Ratio Lower Upper
154 100
153 125.6 93.4 140.0
152 58.1 43.4 65.2



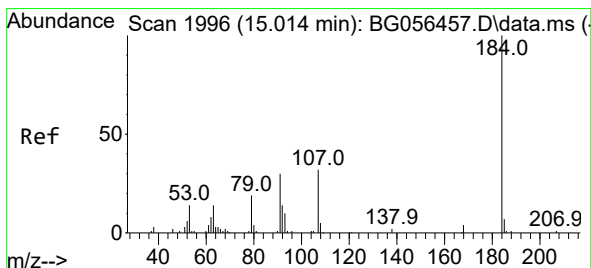
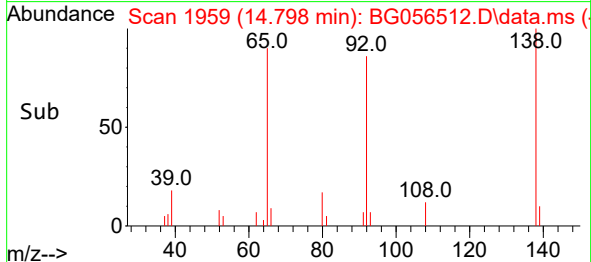
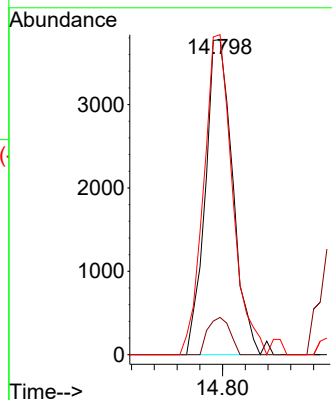


#53
3-Nitroaniline
Concen: 4.315 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

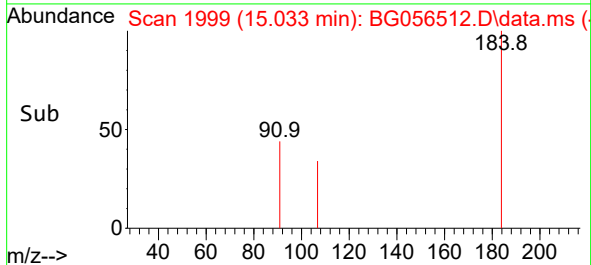
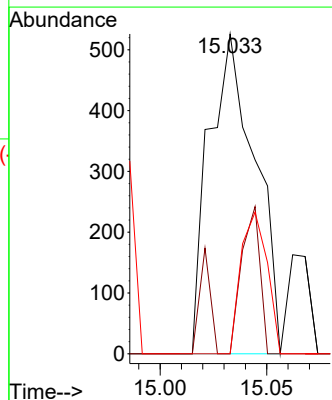
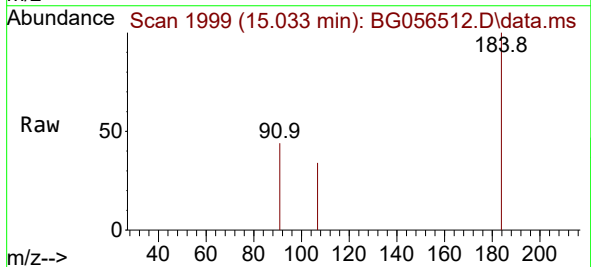


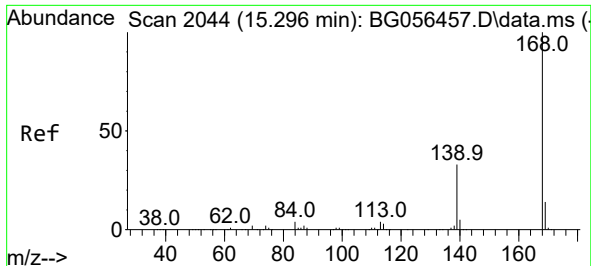
Tgt Ion:138 Resp: 6360
Ion Ratio Lower Upper
138 100
108 11.8 8.0 12.0
92 101.6 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 0.827 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.024 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:184 Resp: 788
Ion Ratio Lower Upper
184 100
63 0.0 25.1 37.7#
154 0.0 44.8 67.2#

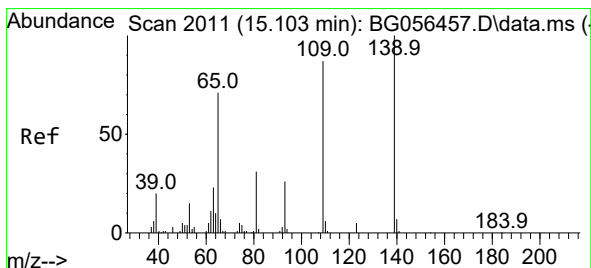
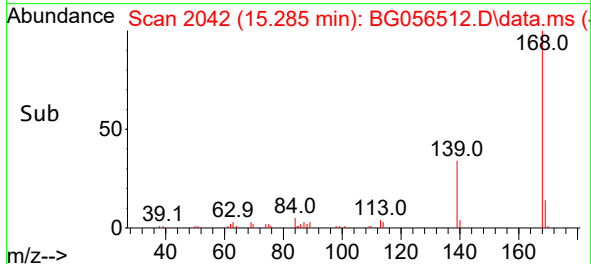
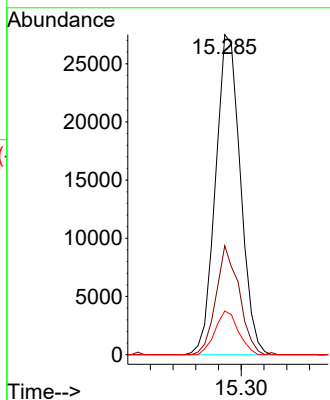
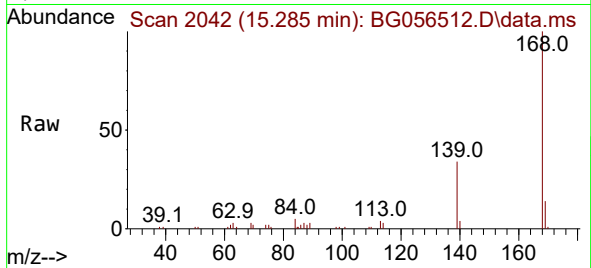




#55
Dibenzofuran
Concen: 4.943 ng
RT: 15.285 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

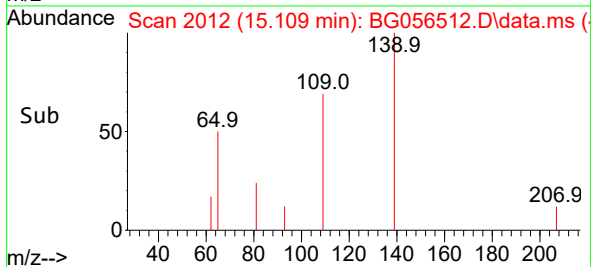
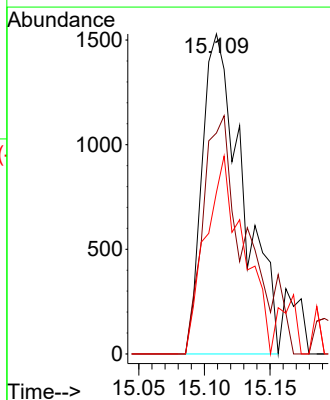
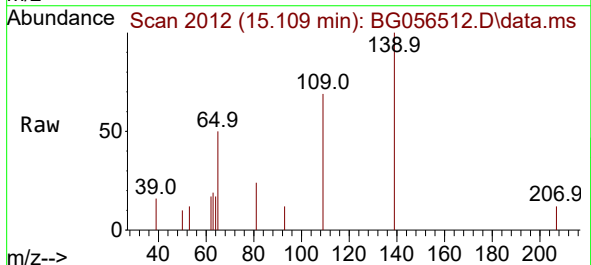
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

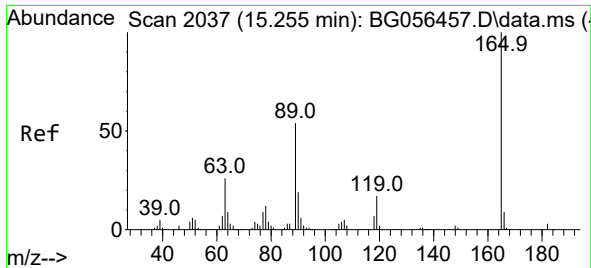
Tgt Ion:168 Resp: 41791
Ion Ratio Lower Upper
168 100
139 34.0 26.2 39.2
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 3.262 ng
RT: 15.109 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:139 Resp: 3286
Ion Ratio Lower Upper
139 100
109 69.1 67.5 107.5
65 50.5 50.7 90.7#

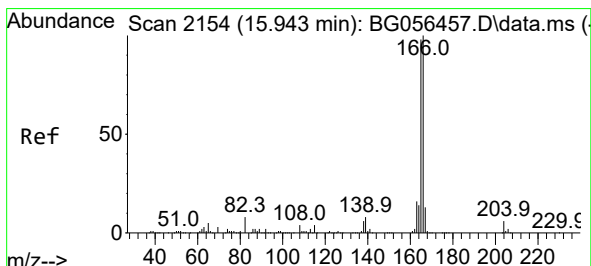
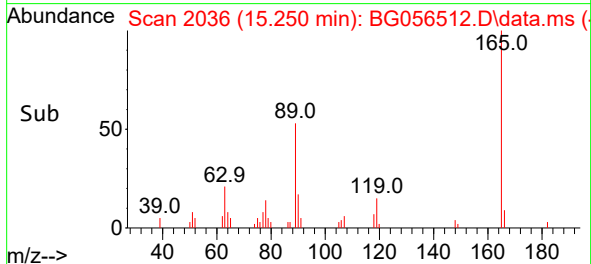
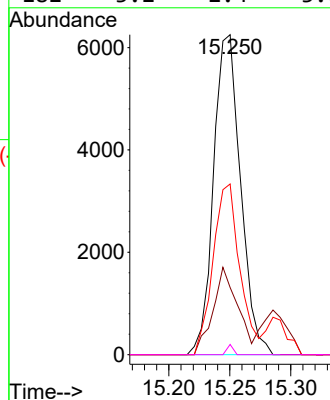
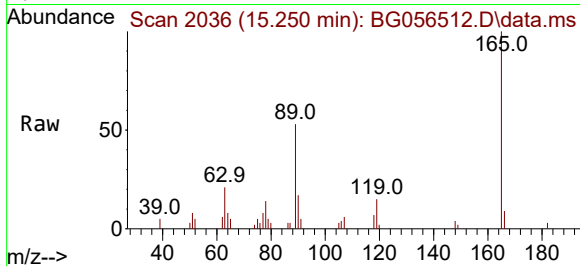




#57
2,4-Dinitrotoluene
Concen: 4.491 ng
RT: 15.250 min Scan# 2036
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

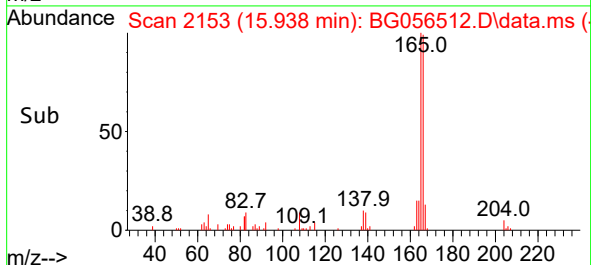
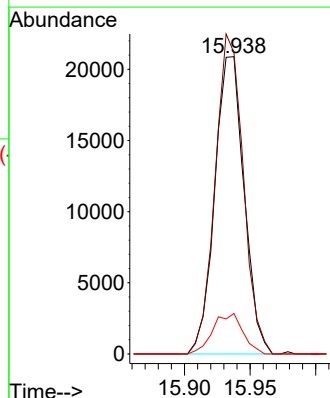
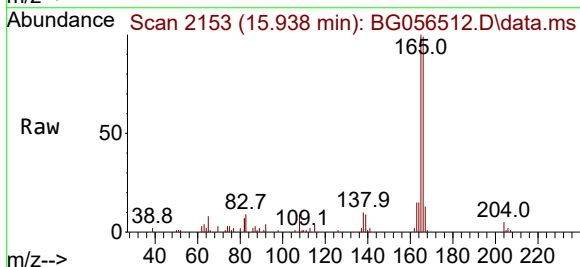
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

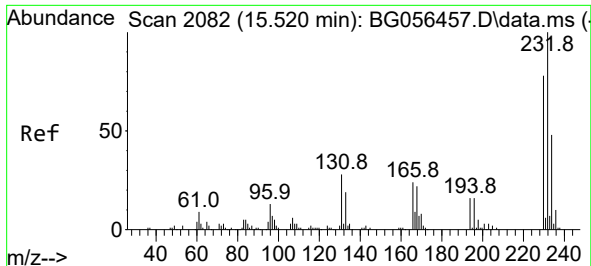
Tgt Ion:165 Resp: 9618
Ion Ratio Lower Upper
165 100
63 21.0 20.6 31.0
89 53.3 43.1 64.7
182 3.2 2.4 3.6



#58
Fluorene
Concen: 4.818 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:166 Resp: 32408
Ion Ratio Lower Upper
166 100
165 101.3 78.8 118.2
167 13.6 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.933 ng

RT: 15.515 min Scan# 2081

Delta R.T. 0.001 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:232 Resp: 8306

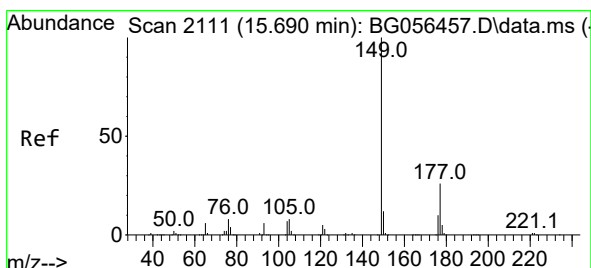
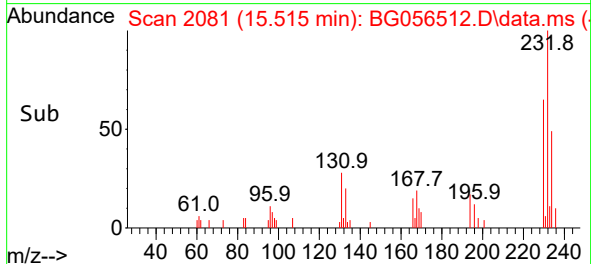
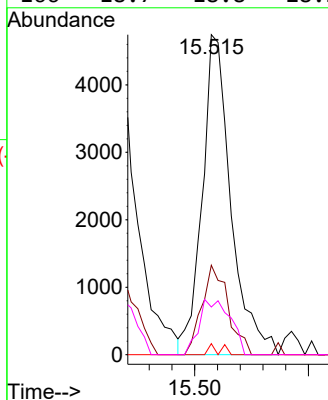
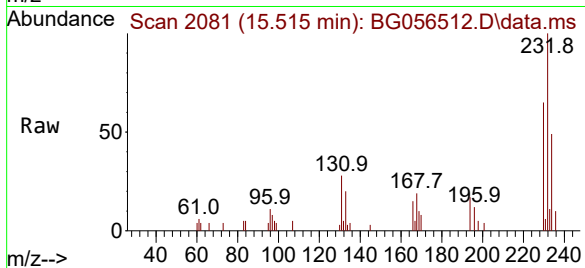
Ion Ratio Lower Upper

232 100

131 25.6 22.8 34.2

130 1.3 1.4 2.0#

166 18.7 18.8 28.2#



#60

Diethylphthalate

Concen: 4.789 ng

RT: 15.679 min Scan# 2109

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

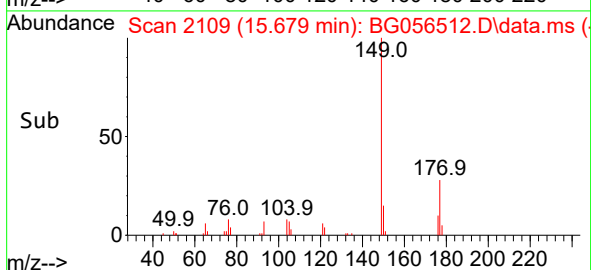
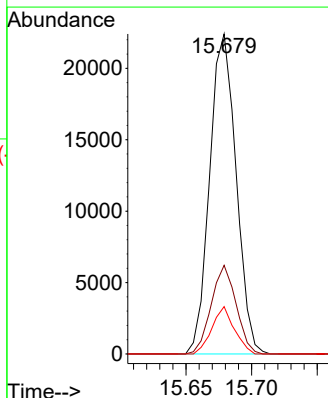
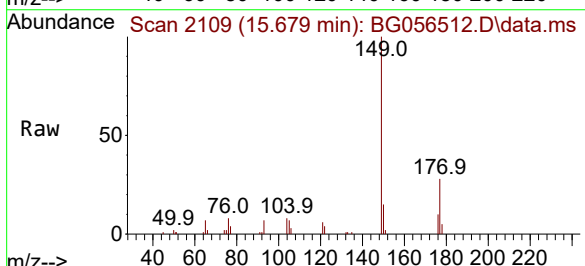
Tgt Ion:149 Resp: 31354

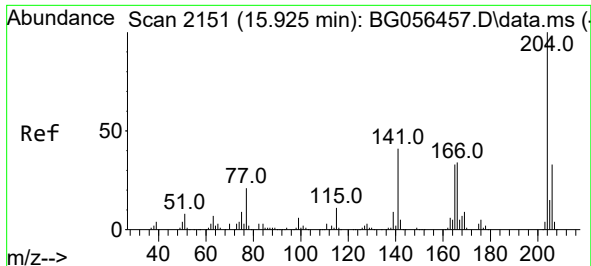
Ion Ratio Lower Upper

149 100

177 27.7 21.0 31.4

150 14.8 9.9 14.9





#61

4-Chlorophenyl-phenylether

Concen: 4.840 ng

RT: 15.914 min Scan# 2149

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

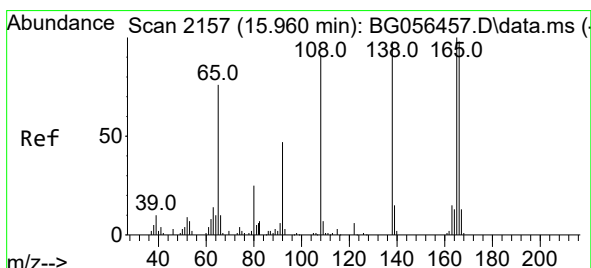
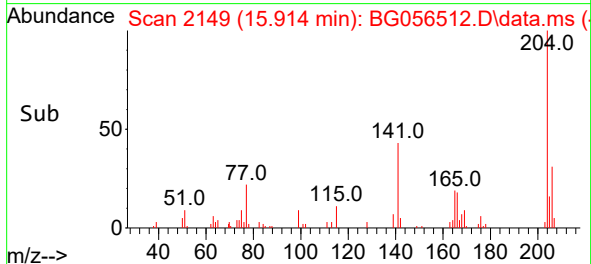
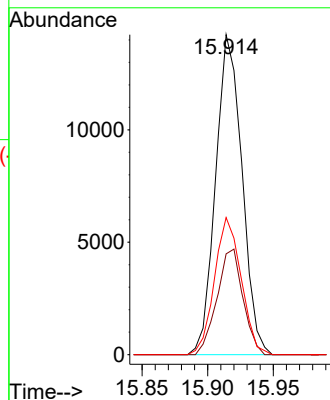
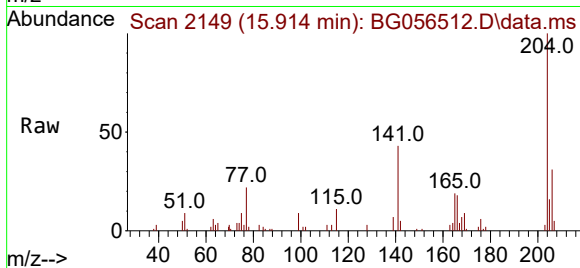
Tgt Ion:204 Resp: 19867

Ion Ratio Lower Upper

204 100

206 31.5 26.2 39.4

141 42.8 32.7 49.1



#62

4-Nitroaniline

Concen: 4.483 ng

RT: 15.943 min Scan# 2154

Delta R.T. -0.017 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

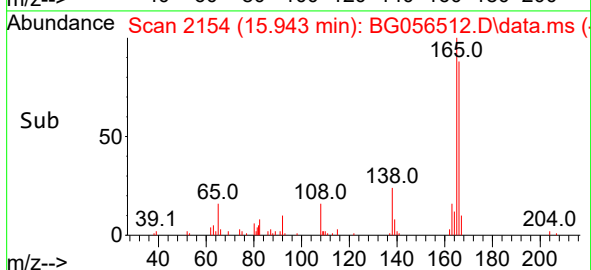
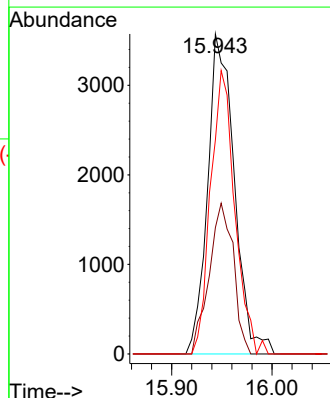
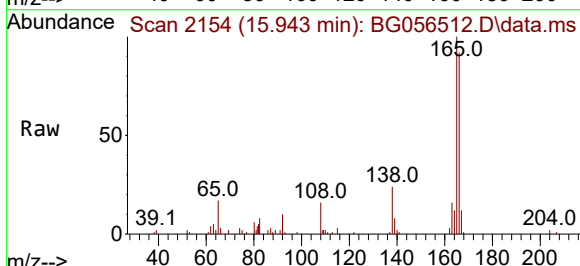
Tgt Ion:138 Resp: 6613

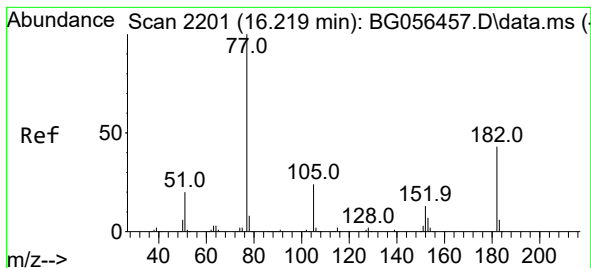
Ion Ratio Lower Upper

138 100

92 39.5 27.8 67.8

108 66.9 72.6 112.6#





#63

Azobenzene

Concen: 4.957 ng

RT: 16.208 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 77 Resp: 22331

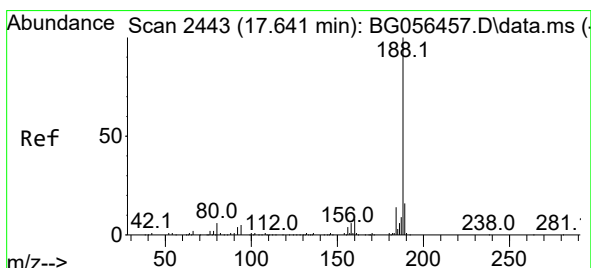
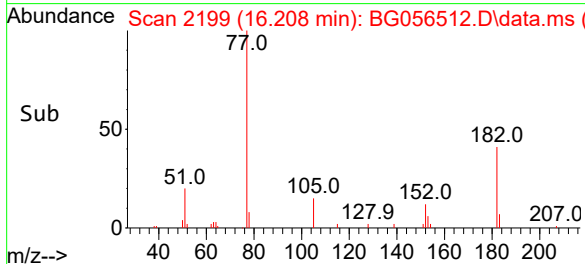
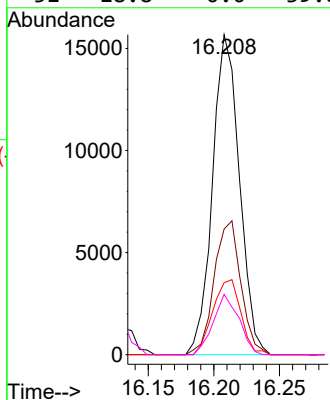
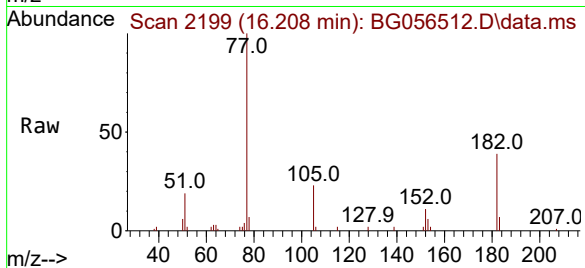
Ion Ratio Lower Upper

77 100

182 39.3 23.1 63.1

105 22.5 4.2 44.2

51 18.8 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

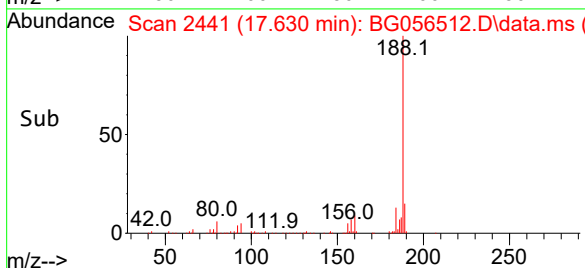
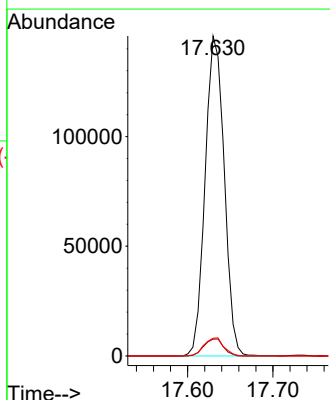
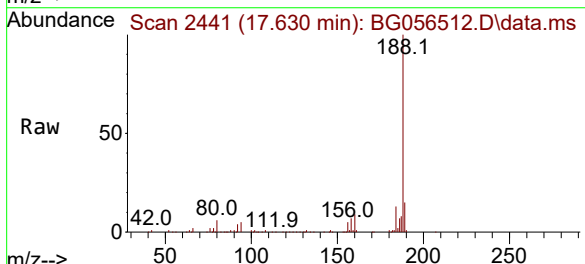
Tgt Ion:188 Resp: 226771

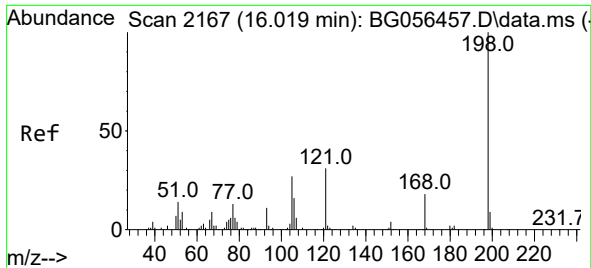
Ion Ratio Lower Upper

188 100

94 5.3 4.1 6.1

80 5.5 5.0 7.4

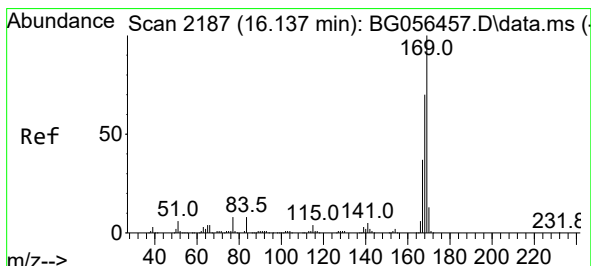
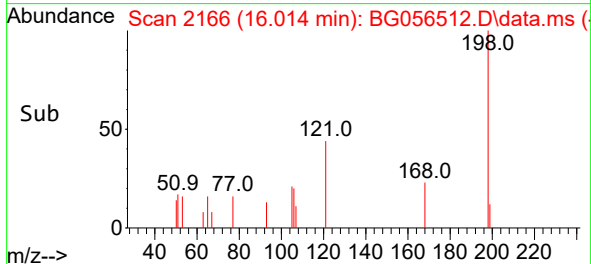
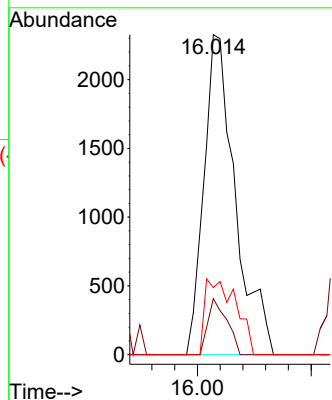
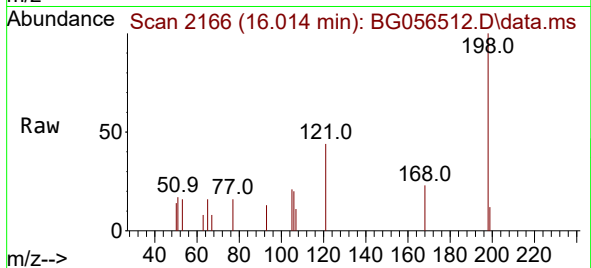




#65
4,6-Dinitro-2-methylphenol
Concen: 2.794 ng
RT: 16.014 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

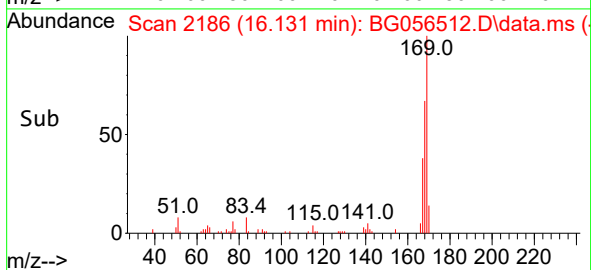
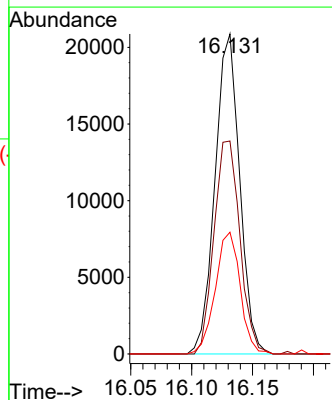
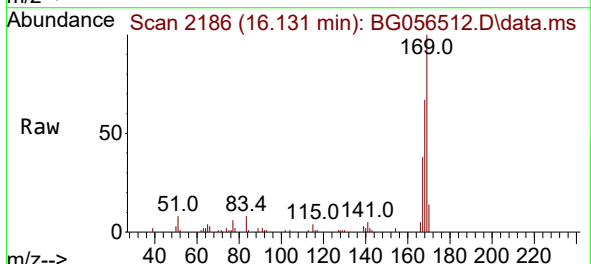
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

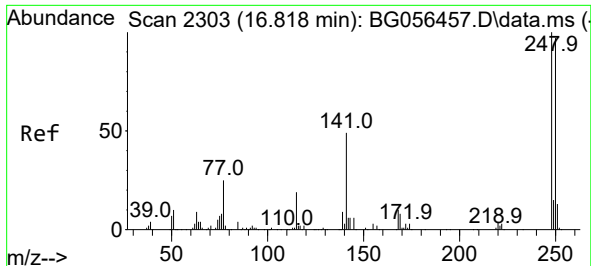
Tgt Ion:198 Resp: 4455
Ion Ratio Lower Upper
198 100
51 17.5 0.0 35.0
105 21.0 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 4.578 ng
RT: 16.131 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:169 Resp: 29396
Ion Ratio Lower Upper
169 100
168 66.5 55.8 83.6
167 38.0 29.8 44.8

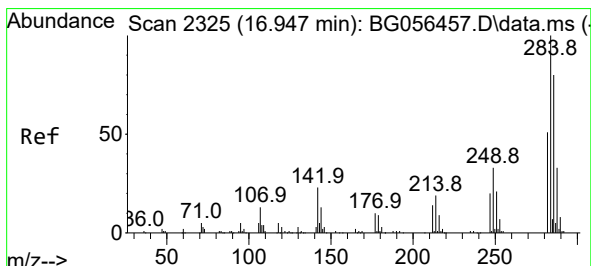
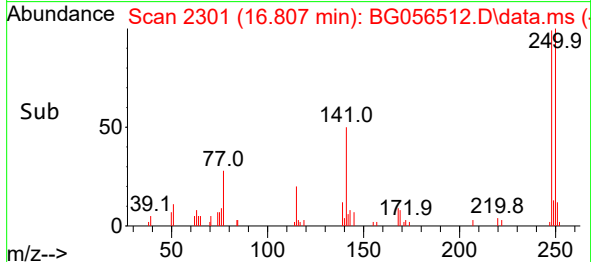
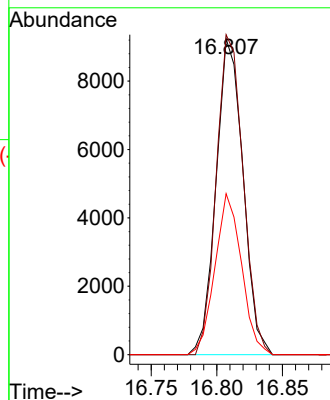
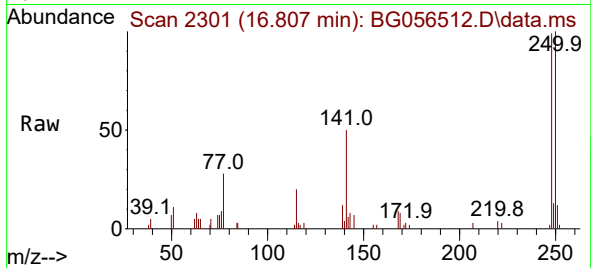




#67
4-Bromophenyl-phenylether
Concen: 4.541 ng
RT: 16.807 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

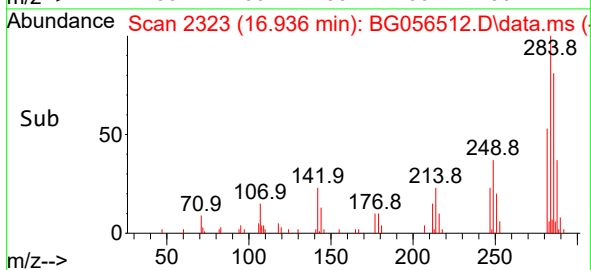
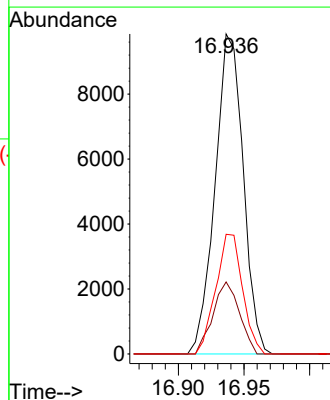
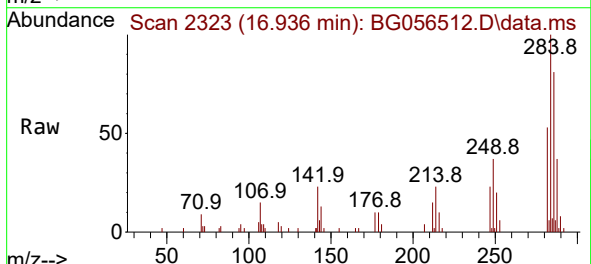
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

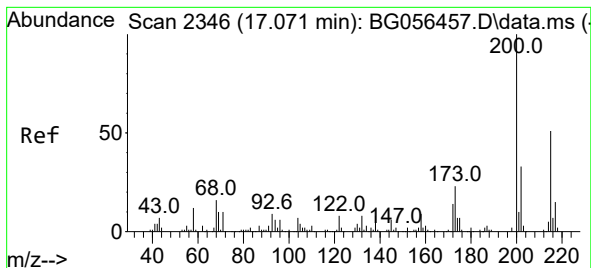
Tgt Ion:248 Resp: 13184
Ion Ratio Lower Upper
248 100
250 101.3 77.6 116.4
141 50.9 39.0 58.4



#68
Hexachlorobenzene
Concen: 5.154 ng
RT: 16.936 min Scan# 2323
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:284 Resp: 14654
Ion Ratio Lower Upper
284 100
142 22.5 18.0 27.0
249 39.7 26.7 40.1





#69

Atrazine

Concen: 5.164 ng

RT: 17.060 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

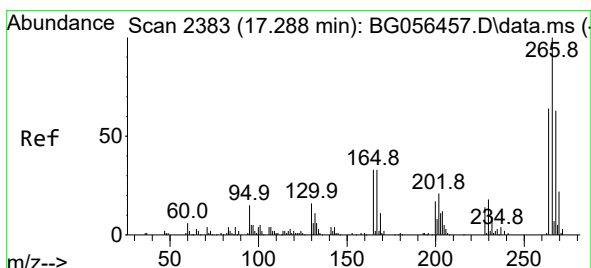
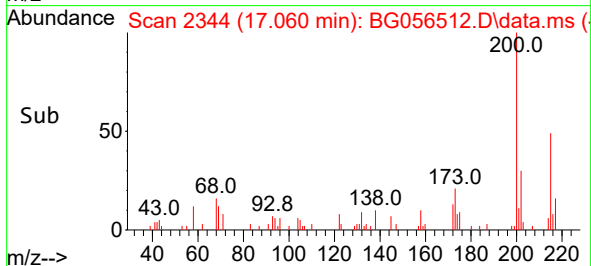
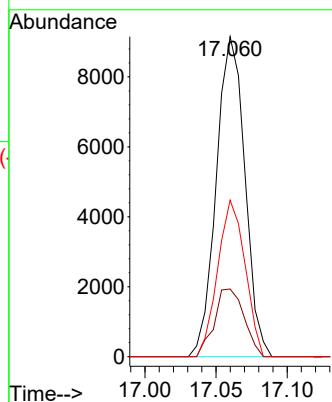
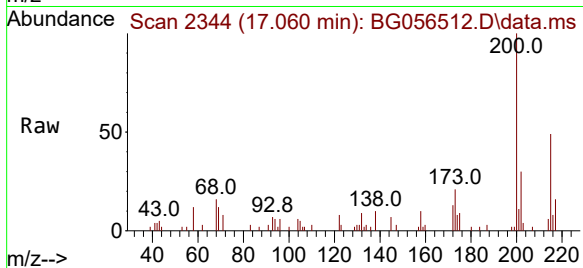
Tgt Ion:200 Resp: 12791

Ion Ratio Lower Upper

200 100

173 21.2 3.2 43.2

215 48.9 30.7 70.7



#70

Pentachlorophenol

Concen: 1.643 ng

RT: 17.295 min Scan# 2384

Delta R.T. 0.012 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

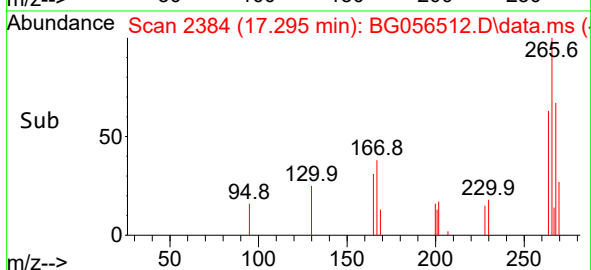
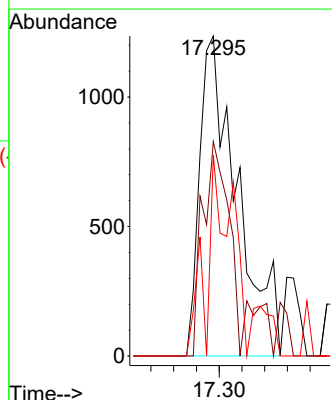
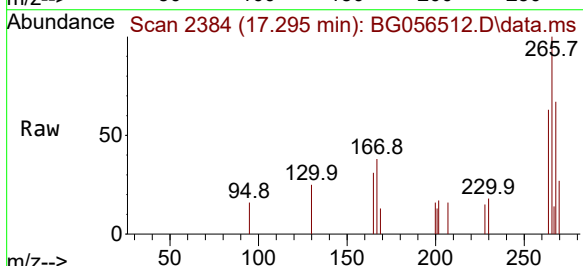
Tgt Ion:266 Resp: 2827

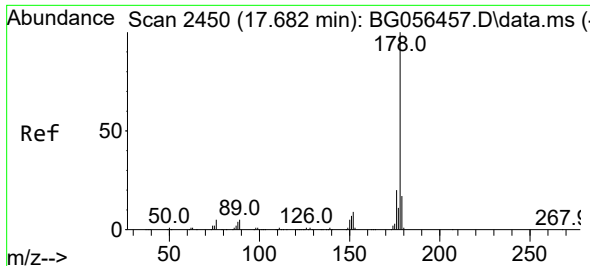
Ion Ratio Lower Upper

266 100

268 67.0 50.2 75.4

264 62.8 51.4 77.0

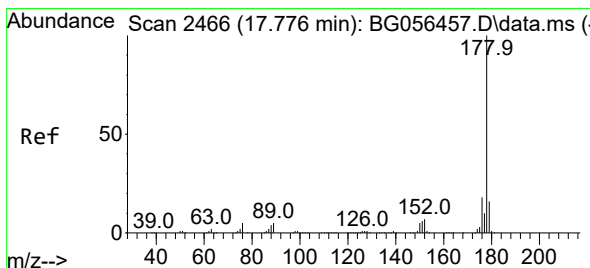
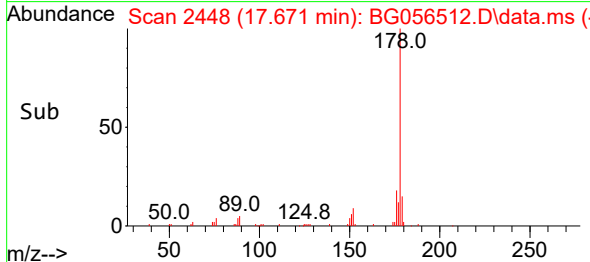
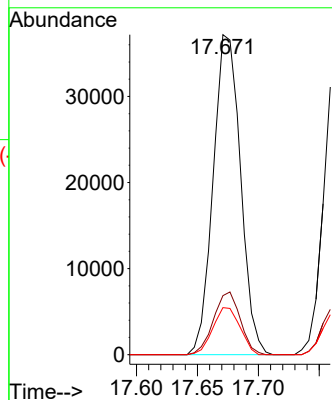
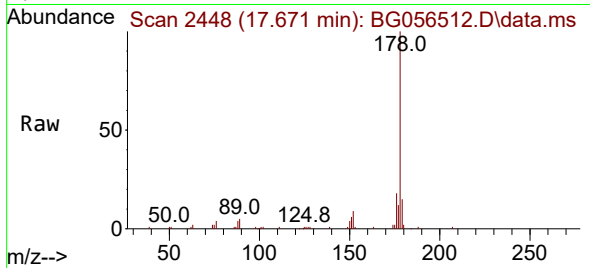




#71
Phenanthrene
Concen: 4.890 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

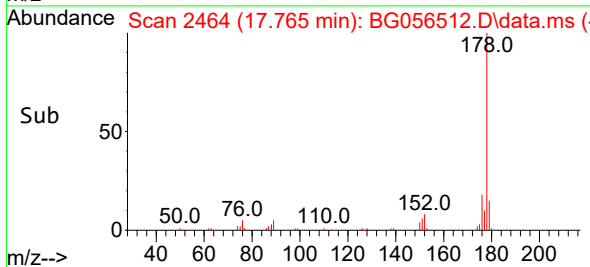
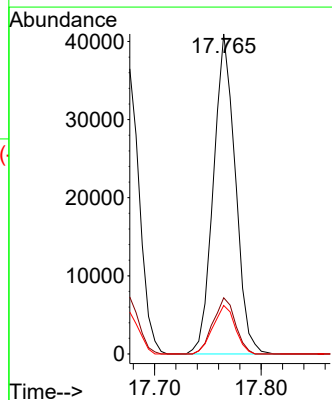
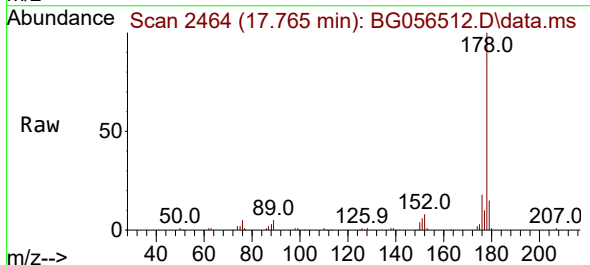
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

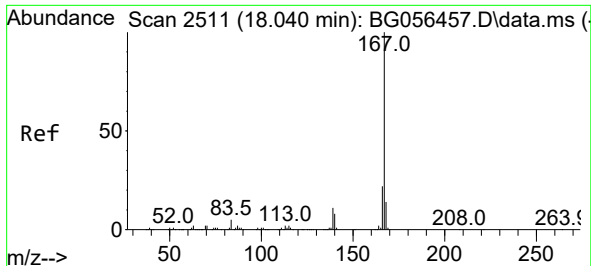
Tgt Ion:178 Resp: 58036
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 14.7 13.3 19.9



#72
Anthracene
Concen: 4.783 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:178 Resp: 58269
Ion Ratio Lower Upper
178 100
176 17.5 14.5 21.7
179 15.2 12.5 18.7

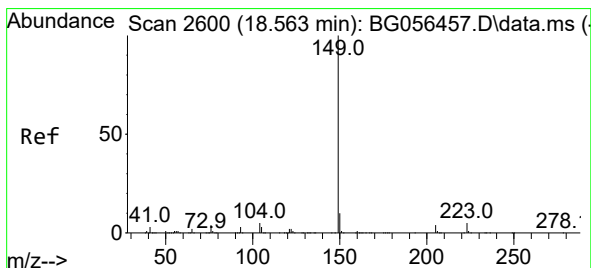
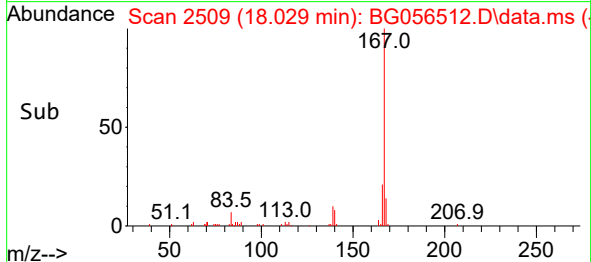
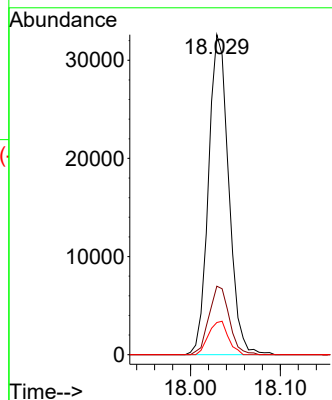
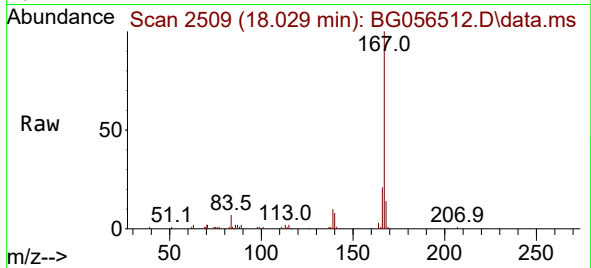




#73
 Carbazole
 Concen: 4.898 ng
 RT: 18.029 min Scan# 2509
 Delta R.T. -0.005 min
 Lab File: BG056512.D
 Acq: 2 Feb 2023 13:19

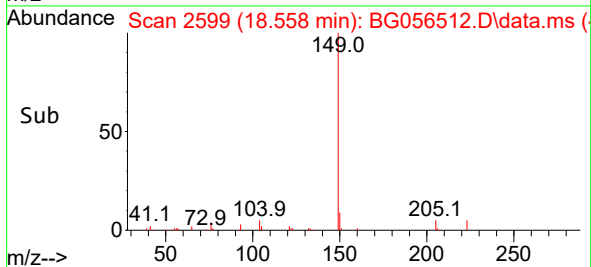
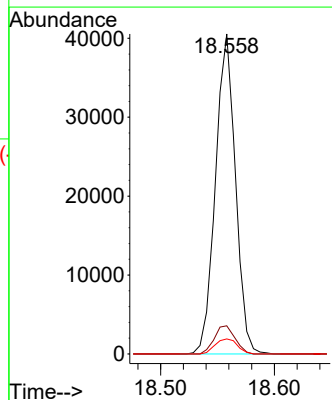
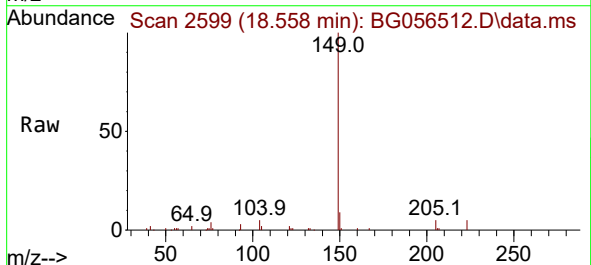
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2022

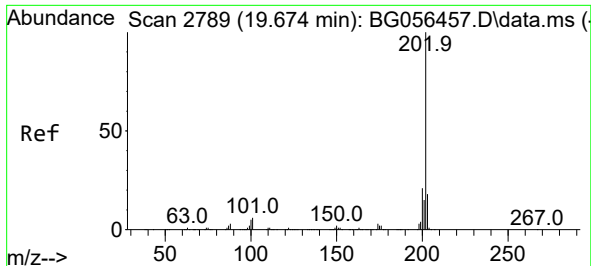
Tgt Ion:167 Resp: 50822
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.6
 139 10.1 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 4.550 ng
 RT: 18.558 min Scan# 2599
 Delta R.T. -0.005 min
 Lab File: BG056512.D
 Acq: 2 Feb 2023 13:19

Tgt Ion:149 Resp: 49575
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.8 11.6
 104 4.7 4.0 6.0

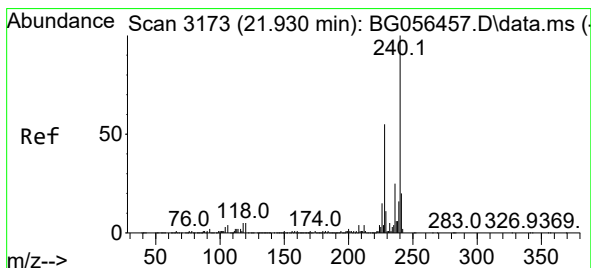
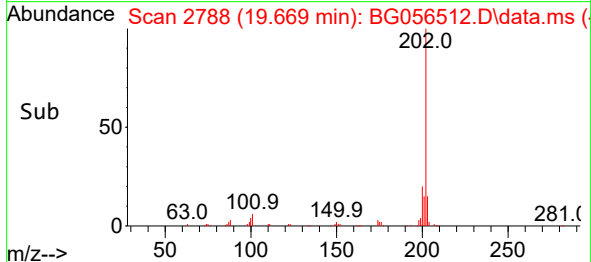
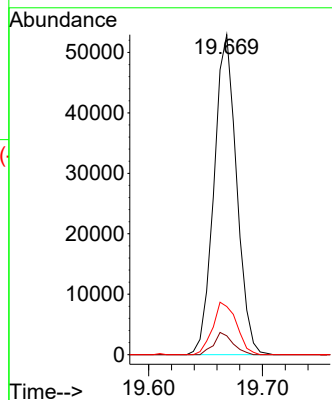
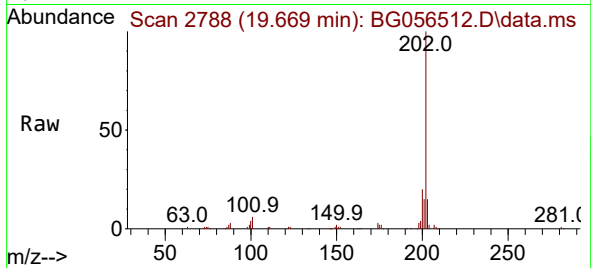




#75
Fluoranthene
Concen: 4.885 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

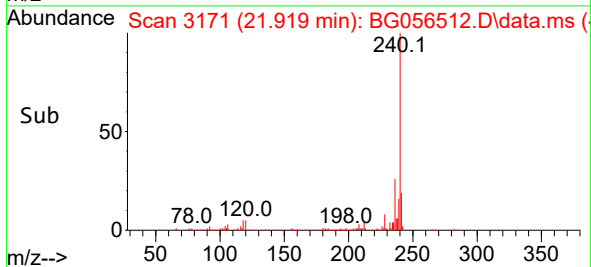
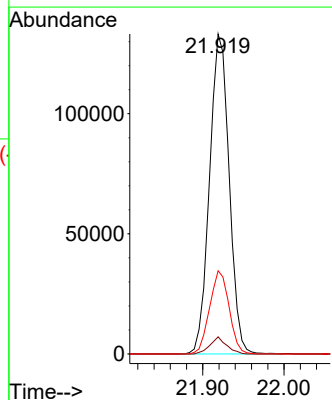
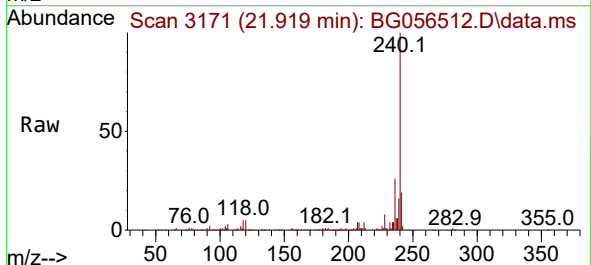
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

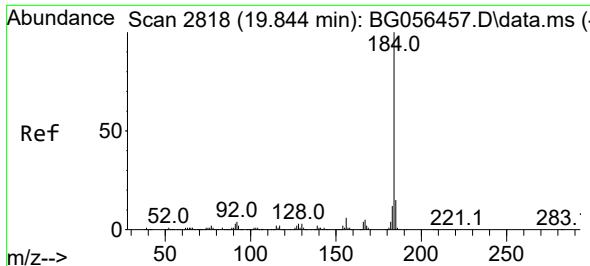
Tgt Ion:202 Resp: 73177
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.6
203 15.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:240 Resp: 223079
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.8
236 26.0 20.2 30.2

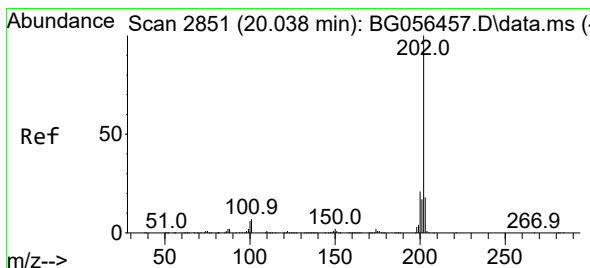
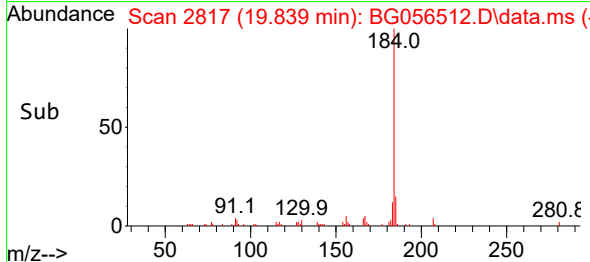
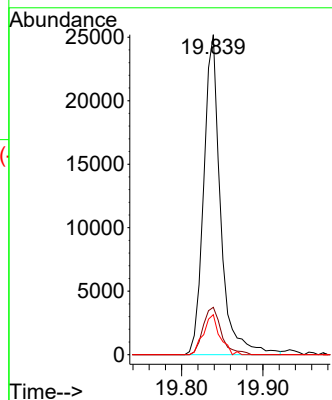
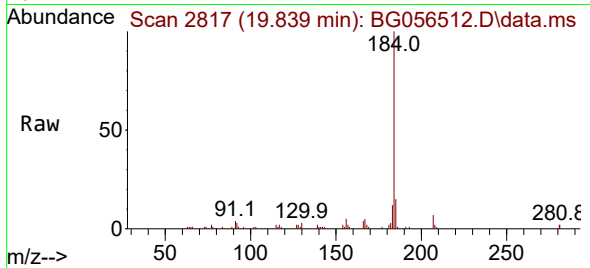




#77
Benzidine
Concen: 6.006 ng
RT: 19.839 min Scan# 2817
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

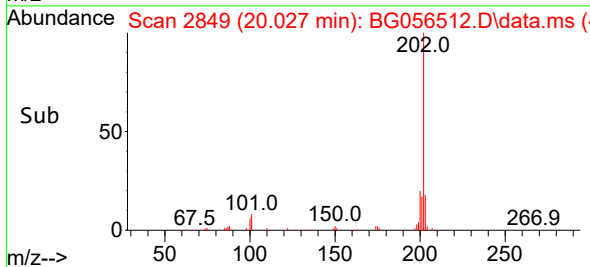
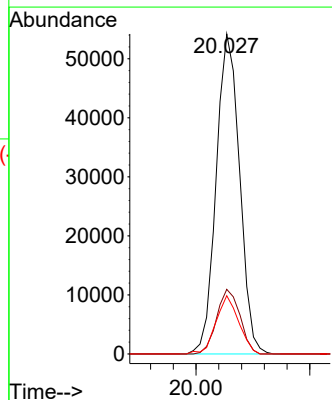
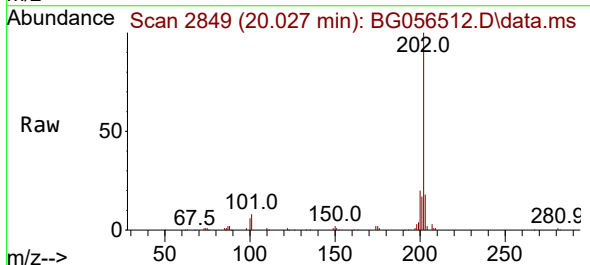
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

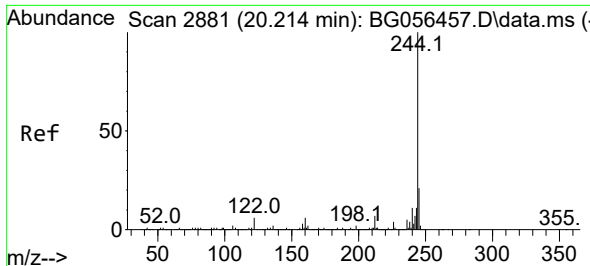
Tgt Ion:184 Resp: 36259
Ion Ratio Lower Upper
184 100
185 14.8 12.3 18.5
183 12.5 9.8 14.8



#78
Pyrene
Concen: 4.878 ng
RT: 20.027 min Scan# 2849
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:202 Resp: 77393
Ion Ratio Lower Upper
202 100
200 20.2 16.7 25.1
203 18.2 14.4 21.6

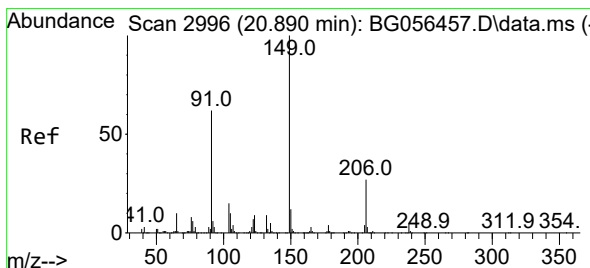
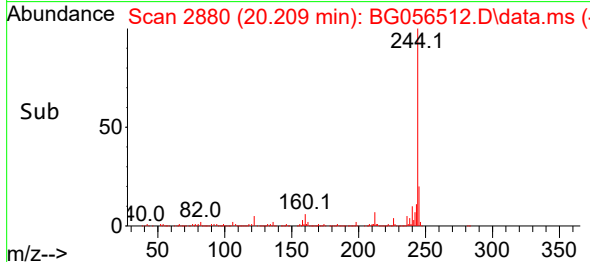
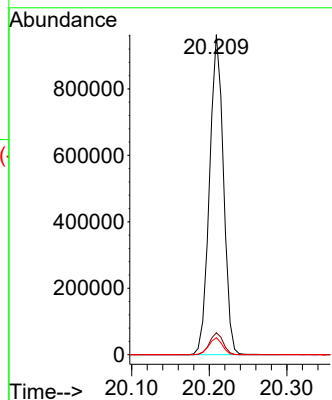
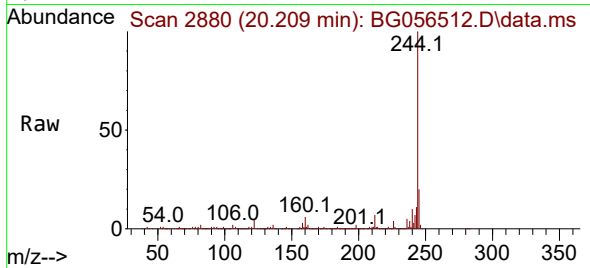




#79
 Terphenyl-d14
 Concen: 94.760 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056512.D
 Acq: 2 Feb 2023 13:19

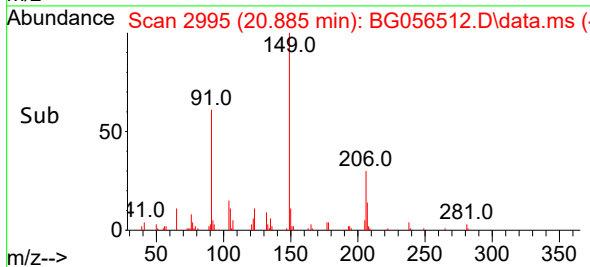
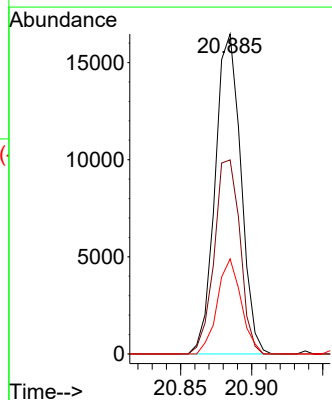
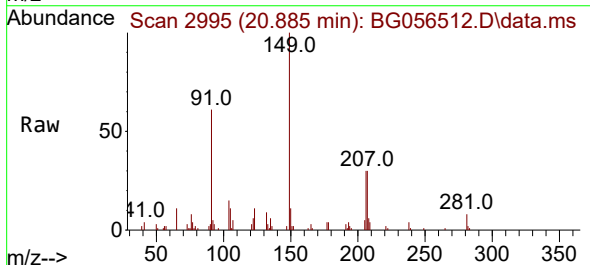
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2022

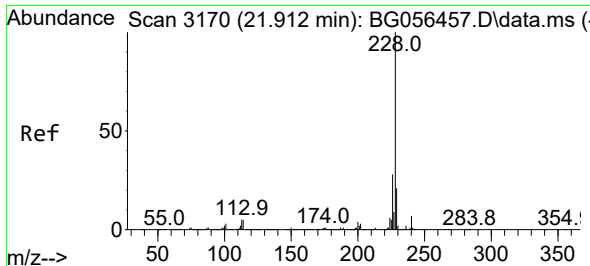
Tgt Ion:244 Resp: 1203566
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.3 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 4.276 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG056512.D
 Acq: 2 Feb 2023 13:19

Tgt Ion:149 Resp: 20721
 Ion Ratio Lower Upper
 149 100
 91 60.6 49.4 74.0
 206 29.7 22.0 33.0

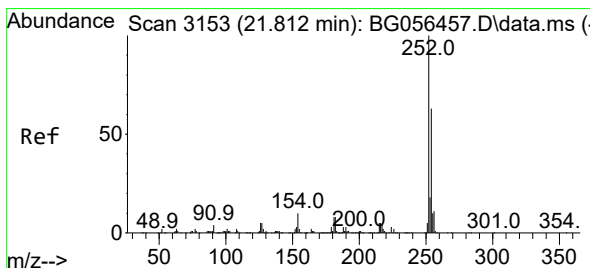
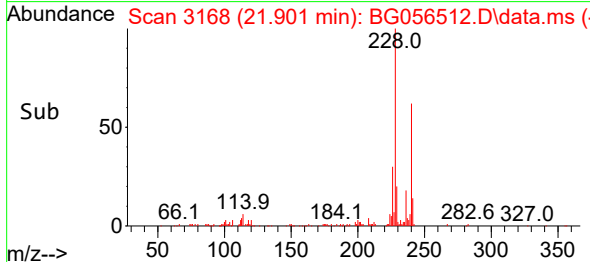
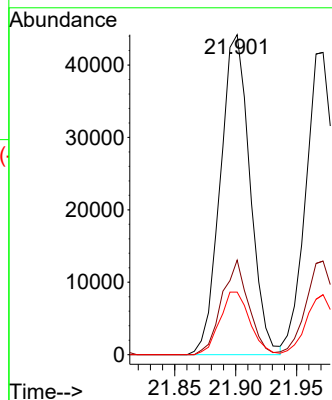
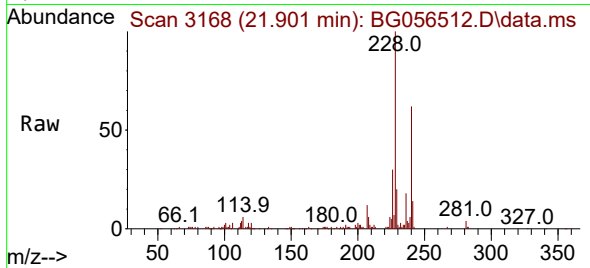




#81
Benzo(a)anthracene
Concen: 4.805 ng
RT: 21.901 min Scan# 3168
Delta R.T. 0.001 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

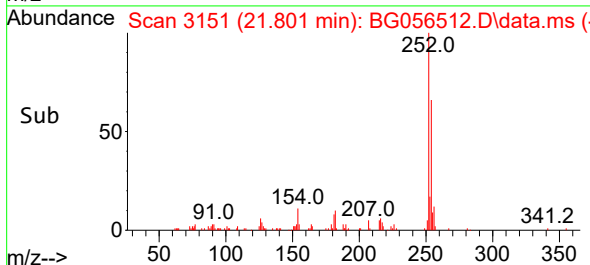
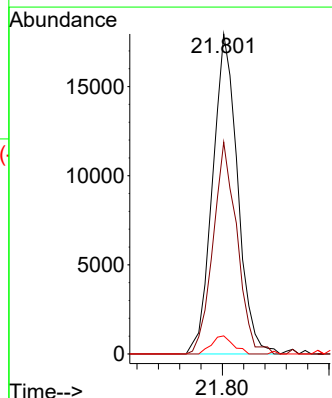
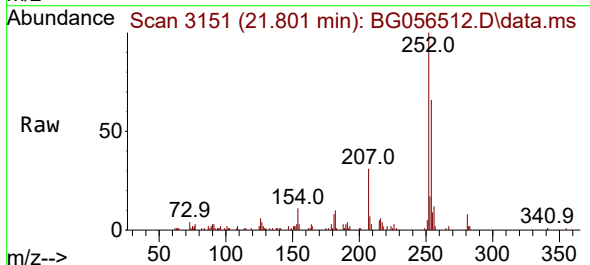
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

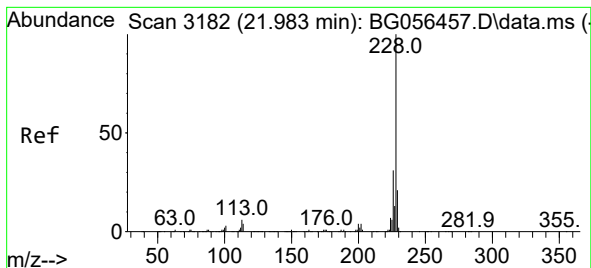
Tgt Ion:228 Resp: 74931
Ion Ratio Lower Upper
228 100
226 29.5 22.4 33.6
229 19.5 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 5.209 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:252 Resp: 29257
Ion Ratio Lower Upper
252 100
254 66.2 50.0 75.0
126 5.6 4.3 6.5





#83

Chrysene

Concen: 4.753 ng

RT: 21.972 min Scan# 3180

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

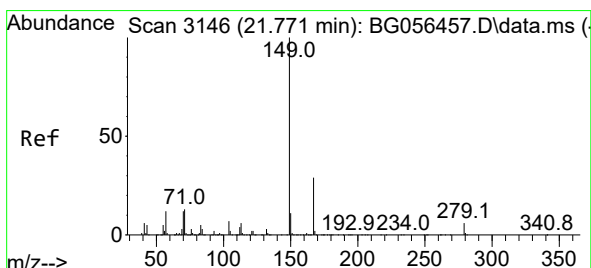
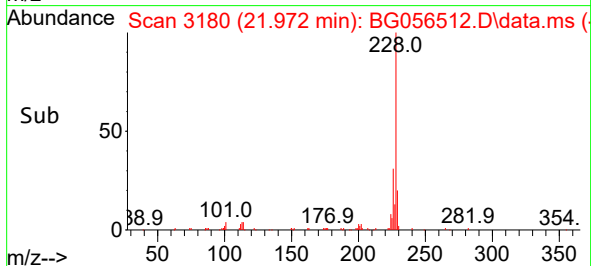
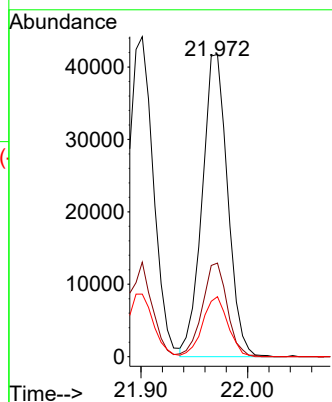
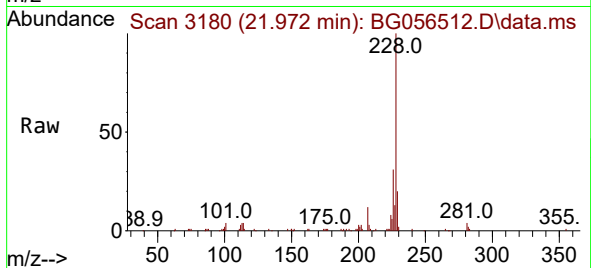
Tgt Ion:228 Resp: 69640

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 19.9 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.345 ng

RT: 21.760 min Scan# 3144

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

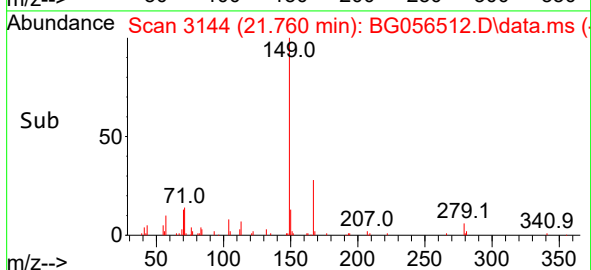
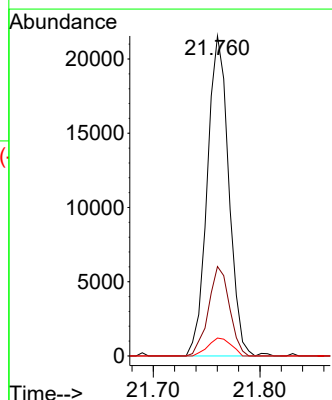
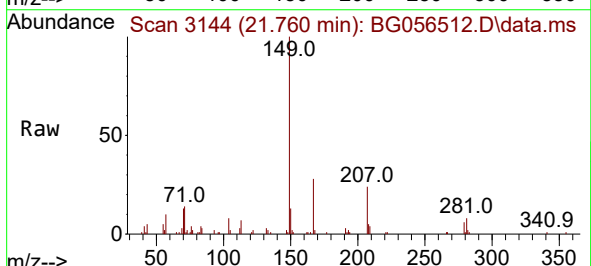
Tgt Ion:149 Resp: 30185

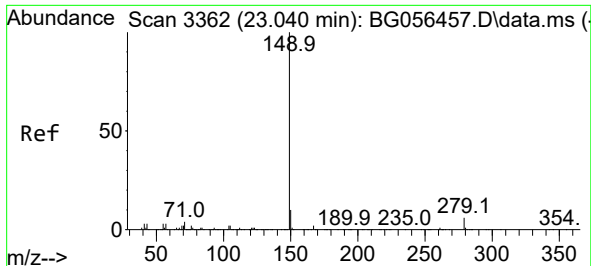
Ion Ratio Lower Upper

149 100

167 27.9 23.4 35.2

279 5.6 4.4 6.6

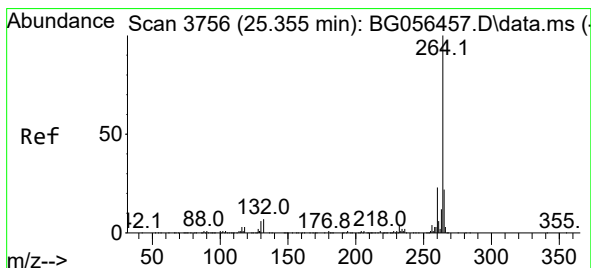
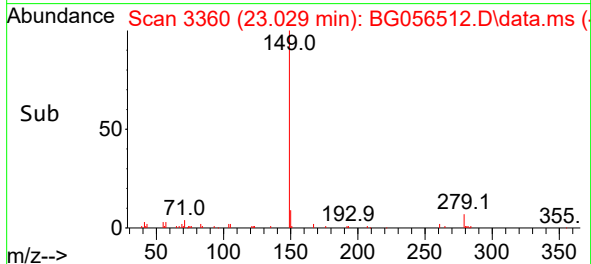
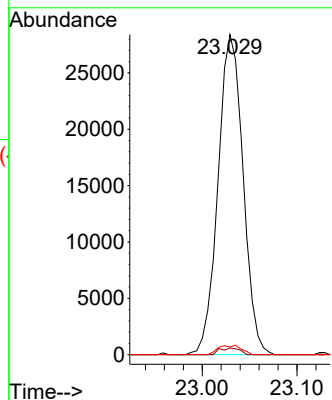
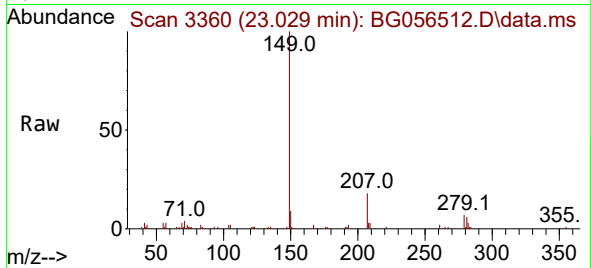




#85
Di-n-octyl phthalate
Concen: 4.511 ng
RT: 23.029 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

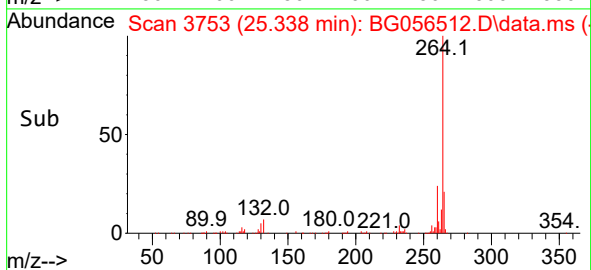
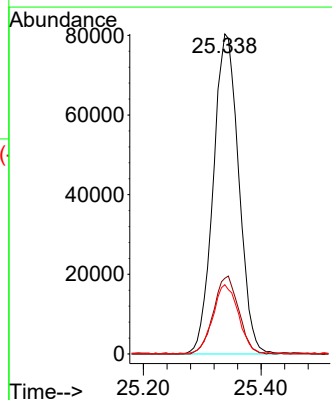
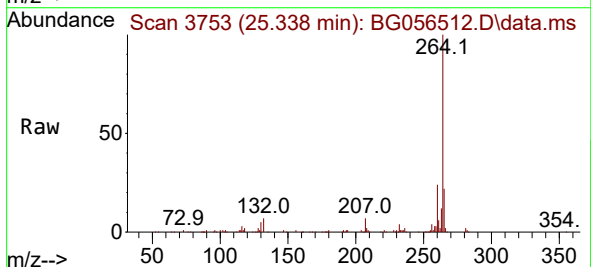
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

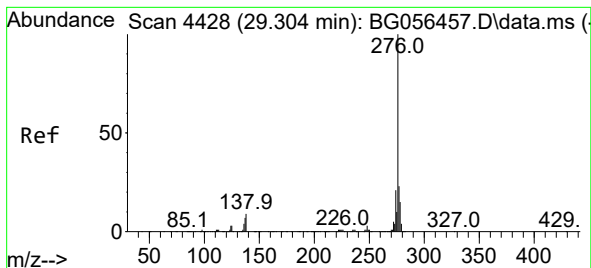
Tgt Ion:149 Resp: 52187
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 2.7 2.7 4.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3753
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:264 Resp: 241260
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.692 ng

RT: 29.269 min Scan# 4428

Delta R.T. -0.011 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

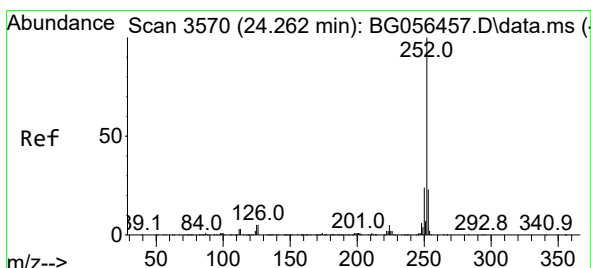
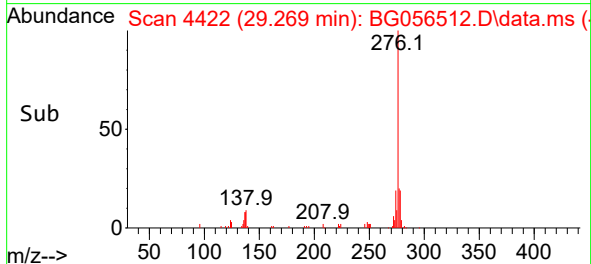
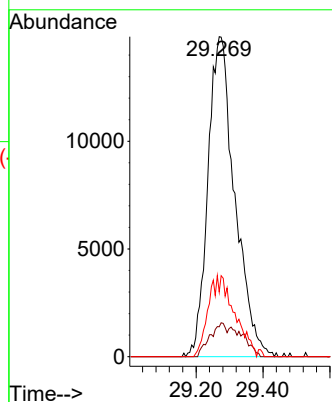
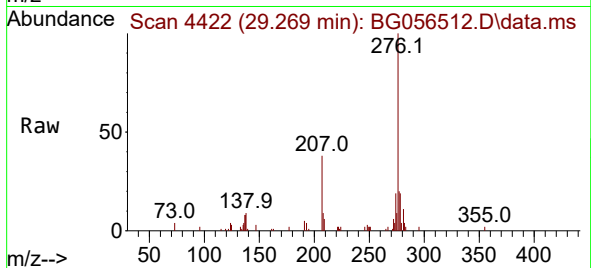
Tgt Ion:276 Resp: 82871

Ion Ratio Lower Upper

276 100

138 6.4 9.4 14.2#

277 0.0 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 5.185 ng

RT: 24.246 min Scan# 3567

Delta R.T. -0.005 min

Lab File: BG056512.D

Acq: 2 Feb 2023 13:19

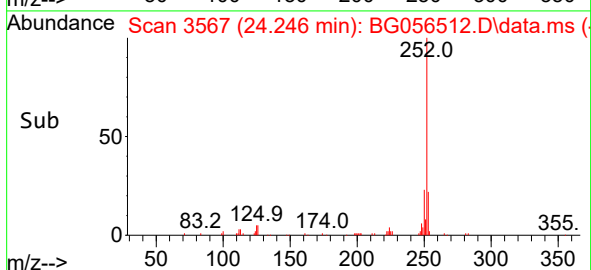
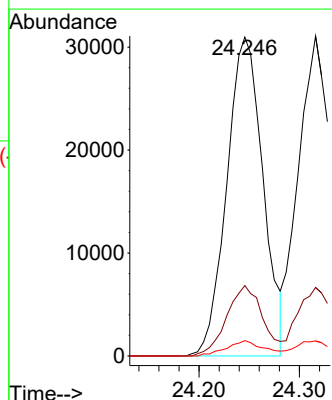
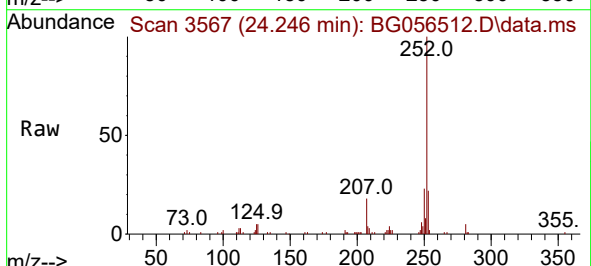
Tgt Ion:252 Resp: 77643

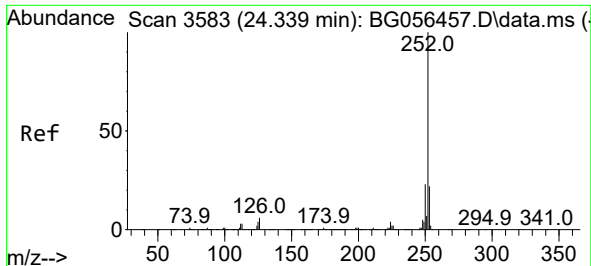
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 4.8 3.9 5.9

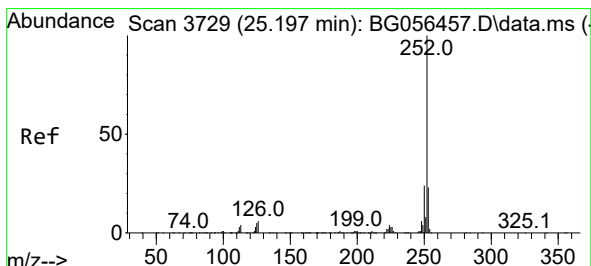
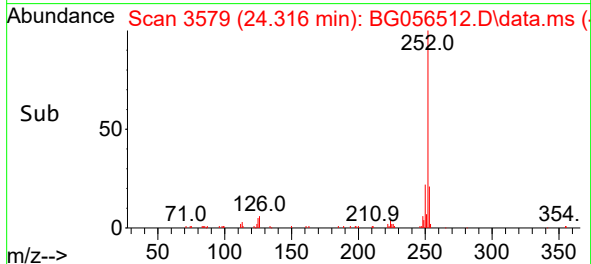
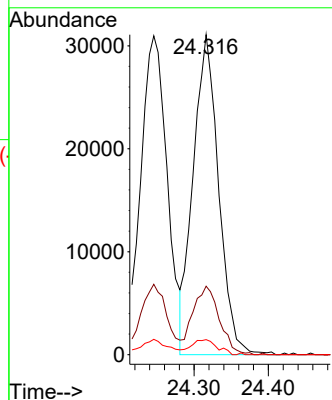
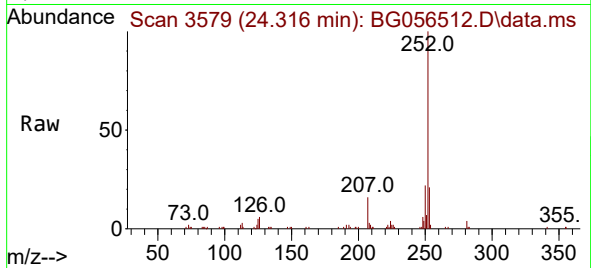




#89
Benzo(k)fluoranthene
Concen: 4.902 ng
RT: 24.316 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

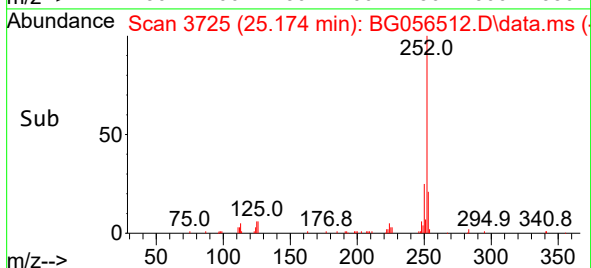
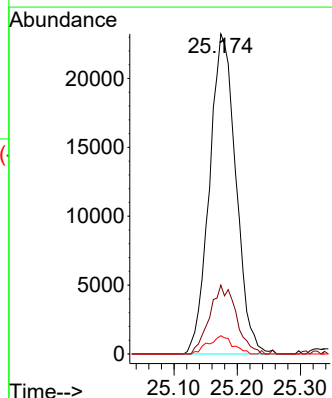
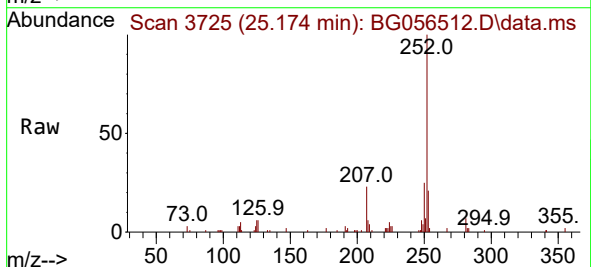
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

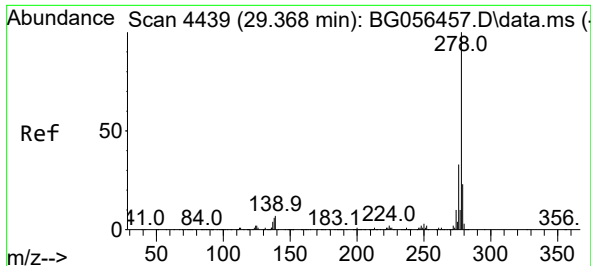
Tgt Ion:252 Resp: 74109
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 4.7 3.4 5.0



#90
Benzo(a)pyrene
Concen: 4.574 ng
RT: 25.174 min Scan# 3725
Delta R.T. -0.011 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:252 Resp: 67467
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 5.7 4.1 6.1

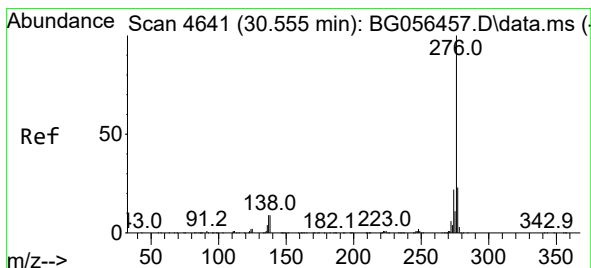
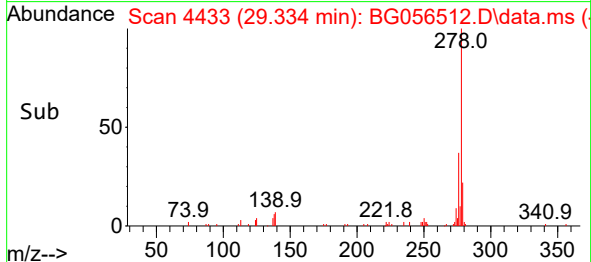
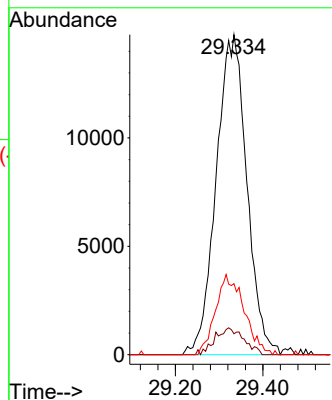
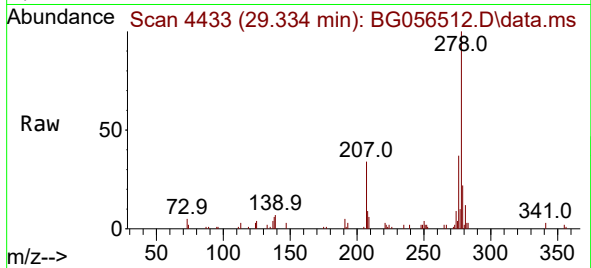




#91
Dibenzo(a,h)anthracene
Concen: 4.841 ng
RT: 29.334 min Scan# 4433
Delta R.T. -0.011 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:278 Resp: 71765
Ion Ratio Lower Upper
278 100
139 6.5 5.5 8.3
279 22.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 4.870 ng
RT: 30.503 min Scan# 4632
Delta R.T. -0.023 min
Lab File: BG056512.D
Acq: 2 Feb 2023 13:19

Tgt Ion:276 Resp: 69658
Ion Ratio Lower Upper
276 100
277 25.2 18.5 27.7
138 11.4 7.4 11.0#

