

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056504.D
 Acq On : 1 Feb 2023 17:43
 Operator : CG/JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Feb 02 05:04:09 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	25976	20.000	ng	0.00
21) Naphthalene-d8	11.107	136	100491	20.000	ng	# 0.00
39) Acenaphthene-d10	14.891	164	84052	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	218915	20.000	ng	0.00
76) Chrysene-d12	21.918	240	215076	20.000	ng	0.00
86) Perylene-d12	25.344	264	232885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	186694	132.214	ng	0.00
7) Phenol-d6	7.418	99	263055	125.731	ng	0.00
23) Nitrobenzene-d5	9.451	82	172027	97.208	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	146600	131.195	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	595840	98.283	ng	0.00
79) Terphenyl-d14	20.209	244	1176265	96.057	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.599	88	3236	5.504	ng	Qvalue 93
3) Pyridine	4.033	79	7487	4.272	ng	97
4) n-Nitrosodimethylamine	3.934	42	1890	5.071	ng	# 74
6) Aniline	7.588	93	12219	4.461	ng	# 95
8) 2-Chlorophenol	7.841	128	6702	4.320	ng	98
9) Benzaldehyde	7.400	77	6070	4.621	ng	84
10) Phenol	7.447	94	9655	4.540	ng	94
11) bis(2-Chloroethyl)ether	7.676	93	7118	4.870	ng	91
12) 1,3-Dichlorobenzene	8.164	146	8855	4.958	ng	99
13) 1,4-Dichlorobenzene	8.311	146	8952	4.949	ng	94
14) 1,2-Dichlorobenzene	8.634	146	8790	5.009	ng	97
15) Benzyl Alcohol	8.511	79	6302	4.390	ng	86
16) 2,2'-oxybis(1-Chloropr...	8.798	45	1329	4.291	ng	93
17) 2-Methylphenol	8.716	107	7042	4.353	ng	98
18) Hexachloroethane	9.374	117	2849	5.208	ng	80
19) n-Nitroso-di-n-propyla...	9.075	70	5686	4.716	ng	96
20) 3+4-Methylphenols	9.045	107	9114	4.020	ng	98
22) Acetophenone	9.104	105	13237	4.958	ng	# 99
24) Nitrobenzene	9.492	77	8190	4.798	ng	# 97
25) Isophorone	10.015	82	15909	4.358	ng	97
26) 2-Nitrophenol	10.214	139	4762	4.598	ng	95
27) 2,4-Dimethylphenol	10.256	122	7271	4.195	ng	91
28) bis(2-Chloroethoxy)met...	10.491	93	9185	4.554	ng	94
29) 2,4-Dichlorophenol	10.755	162	8865	4.544	ng	98
30) 1,2,4-Trichlorobenzene	10.966	180	10467	4.828	ng	# 82
31) Naphthalene	11.160	128	25243	4.759	ng	97
32) Benzoic acid	10.256	122	7271	7.498	ng	# 15
33) 4-Chloroaniline	11.266	127	11653	4.707	ng	95
34) Hexachlorobutadiene	11.431	225	8365	5.497	ng	97
35) Caprolactam	11.995	113	3026	4.599	ng	80
36) 4-Chloro-3-methylphenol	12.365	107	8272	4.390	ng	# 95
37) 2-Methylnaphthalene	12.741	142	20030	4.581	ng	98
38) 1-Methylnaphthalene	12.741	142	20030	4.905	ng	95
40) 1,2,4,5-Tetrachloroben...	13.105	216	15629	5.090	ng	98
41) Hexachlorocyclopentadiene	13.076	237	2905	8.014	ng	91
43) 2,4,6-Trichlorophenol	13.340	196	8265	4.177	ng	94

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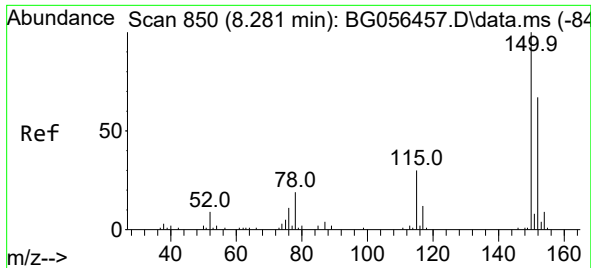
Quant Time: Feb 02 05:04:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	9666	4.172	ng	# 98
46) 1,1'-Biphenyl	13.728	154	31335	5.140	ng	94
47) 2-Chloronaphthalene	13.781	162	23349	4.900	ng	95
48) 2-Nitroaniline	13.975	65	4008	4.069	ng	85
49) Acenaphthylene	14.621	152	35758	4.612	ng	97
50) Dimethylphthalate	14.327	163	31548	4.639	ng	97
51) 2,6-Dinitrotoluene	14.457	165	6871	4.633	ng	94
52) Acenaphthene	14.956	154	21644	4.708	ng	97
53) 3-Nitroaniline	14.797	138	6052	4.210	ng	91
54) 2,4-Dinitrophenol	15.038	184	1013	1.090	ng	# 30
55) Dibenzofuran	15.291	168	39990	4.850	ng	93
56) 4-Nitrophenol	15.115	139	3486	3.549	ng	# 84
57) 2,4-Dinitrotoluene	15.250	165	9477	4.537	ng	94
58) Fluorene	15.937	166	32099	4.893	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.520	232	8238	3.999	ng	# 95
60) Diethylphthalate	15.679	149	29904	4.683	ng	96
61) 4-Chlorophenyl-phenyle...	15.914	204	18989	4.743	ng	96
62) 4-Nitroaniline	15.949	138	6475	4.501	ng	95
63) Azobenzene	16.207	77	20560	4.679	ng	97
65) 4,6-Dinitro-2-methylph...	16.014	198	4571	2.970	ng	95
66) n-Nitrosodiphenylamine	16.131	169	28305	4.567	ng	98
67) 4-Bromophenyl-phenylether	16.813	248	13220	4.717	ng	97
68) Hexachlorobenzene	16.942	284	14083	5.131	ng	# 94
69) Atrazine	17.059	200	12757	5.335	ng	95
70) Pentachlorophenol	17.300	266	3053	1.838	ng	# 81
71) Phenanthrene	17.670	178	55052	4.805	ng	97
72) Anthracene	17.764	178	55891	4.752	ng	98
73) Carbazole	18.035	167	48772	4.869	ng	93
74) Di-n-butylphthalate	18.558	149	48124	4.575	ng	97
75) Fluoranthene	19.668	202	71116	4.918	ng	99
77) Benzidine	19.833	184	38676	6.645	ng	100
78) Pyrene	20.026	202	70534	4.611	ng	97
80) Butylbenzylphthalate	20.884	149	20198	4.324	ng	96
81) Benzo(a)anthracene	21.901	228	71318	4.743	ng	96
82) 3,3'-Dichlorobenzidine	21.801	252	28525	5.268	ng	98
83) Chrysene	21.971	228	67668	4.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.760	149	28631	4.275	ng	96
85) Di-n-octyl phthalate	23.029	149	49251	4.415	ng	99
87) Indeno(1,2,3-cd)pyrene	29.263	276	77910	4.570	ng	# 75
88) Benzo(b)fluoranthene	24.239	252	72688	5.029	ng	98
89) Benzo(k)fluoranthene	24.316	252	71662	4.910	ng	98
90) Benzo(a)pyrene	25.173	252	65097	4.572	ng	97
91) Dibenzo(a,h)anthracene	29.321	278	69420	4.851	ng	92
92) Benzo(g,h,i)perylene	30.502	276	67681	4.902	ng	99

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

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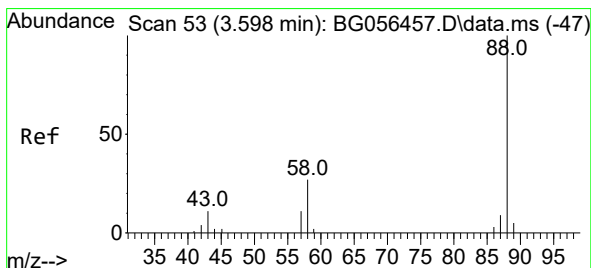
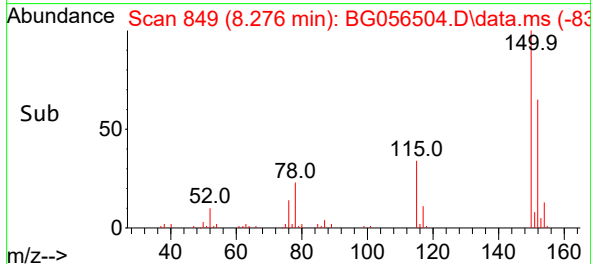
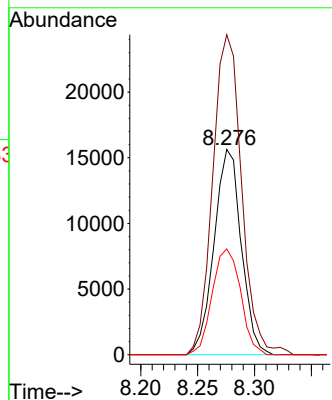
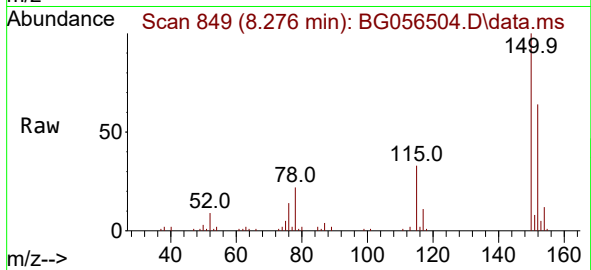




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.276 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

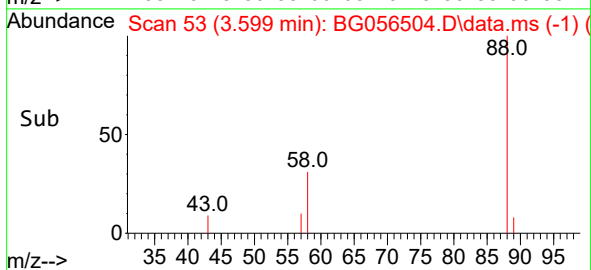
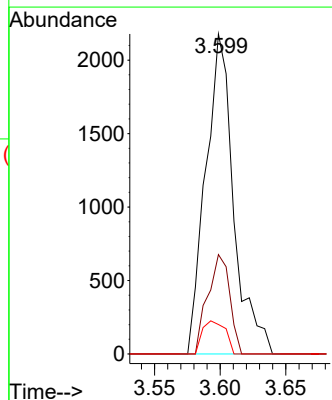
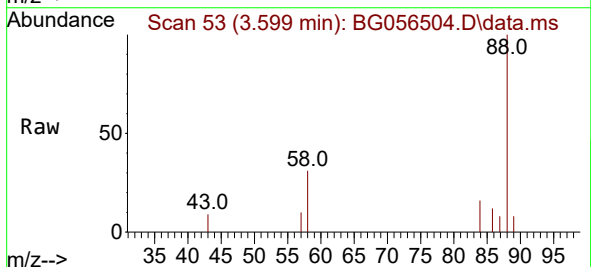
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022

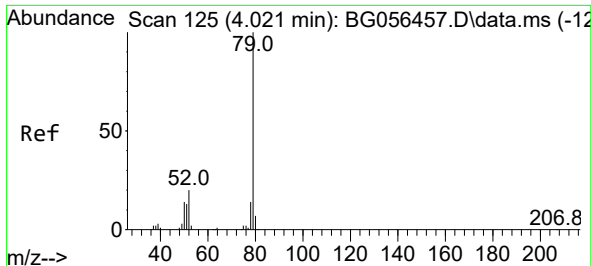
Tgt Ion:152 Resp: 25976
 Ion Ratio Lower Upper
 152 100
 150 155.9 120.2 180.4
 115 51.6 36.3 54.5



#2
 1,4-Dioxane
 Concen: 5.504 ng
 RT: 3.599 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

Tgt Ion: 88 Resp: 3236
 Ion Ratio Lower Upper
 88 100
 58 24.4 23.0 34.4
 43 8.5 8.0 12.0

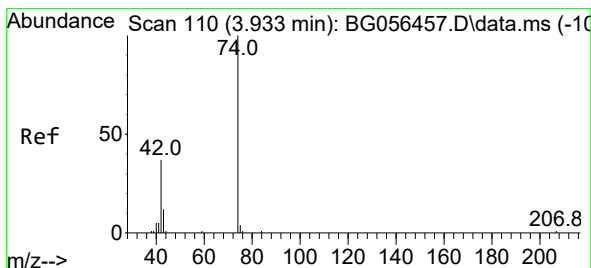
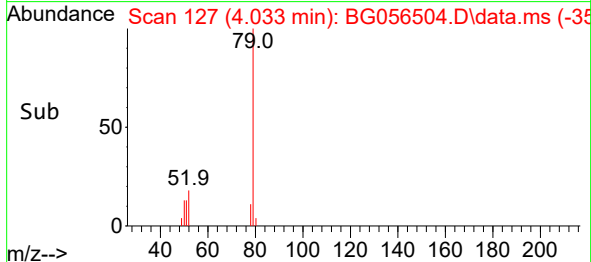
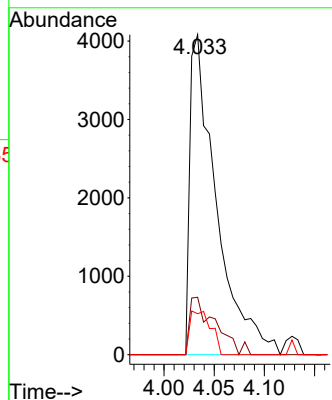
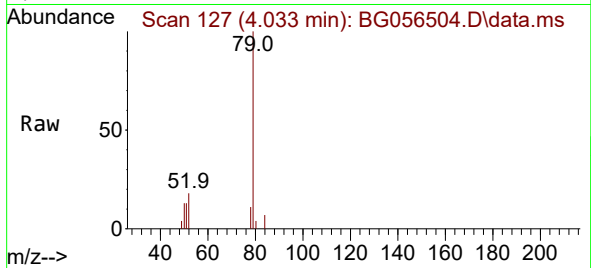




#3
Pyridine
Concen: 4.272 ng
RT: 4.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

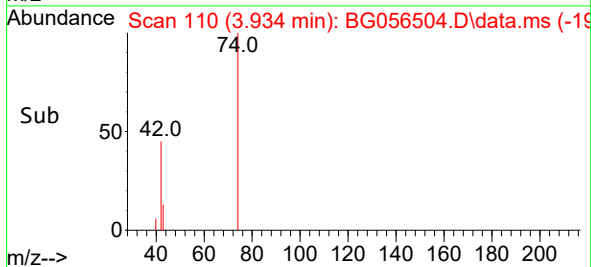
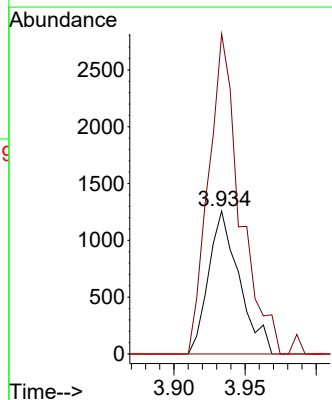
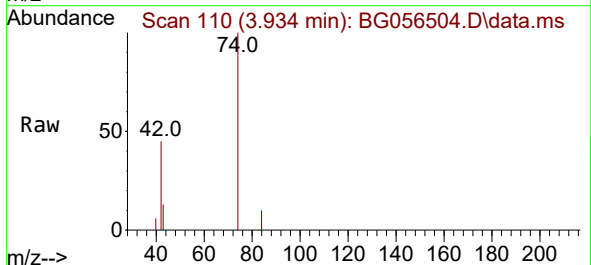
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

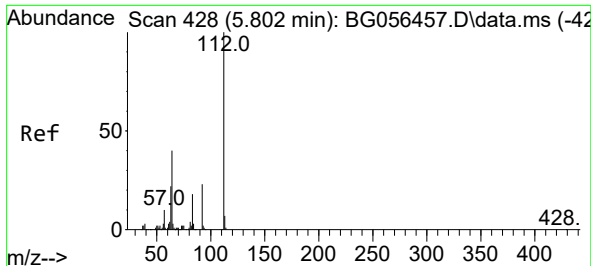
Tgt Ion: 79 Resp: 7487
Ion Ratio Lower Upper
79 100
52 18.0 16.1 24.1
51 12.8 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 5.071 ng
RT: 3.934 min Scan# 110
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 42 Resp: 1890
Ion Ratio Lower Upper
42 100
74 223.8 217.9 326.9
44 0.0 3.0 4.6#

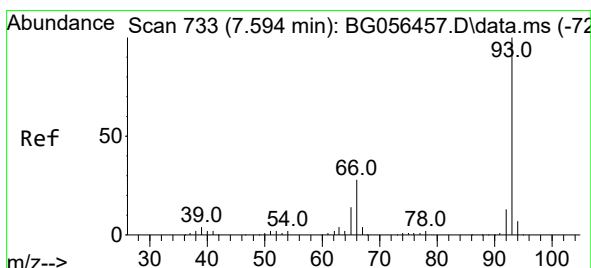
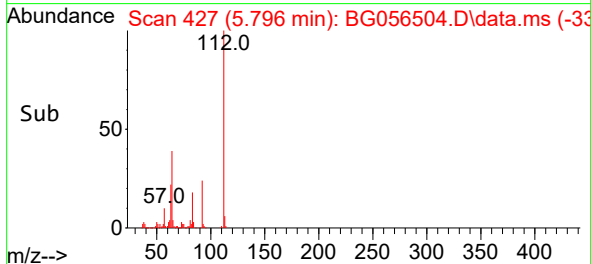
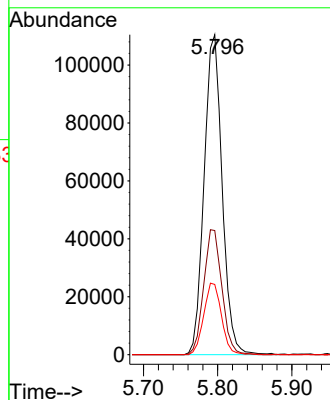
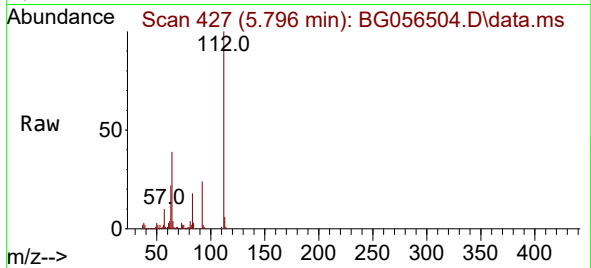




#5
2-Fluorophenol
Concen: 132.214 ng
RT: 5.796 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

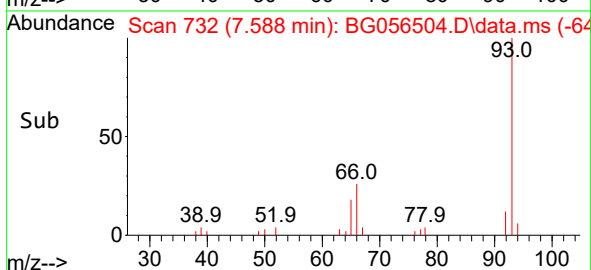
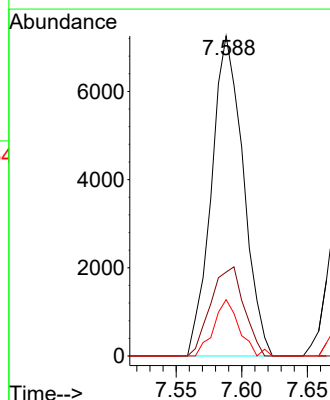
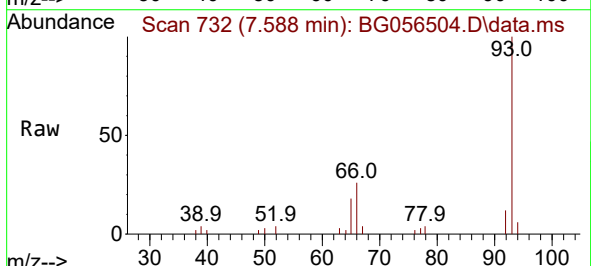
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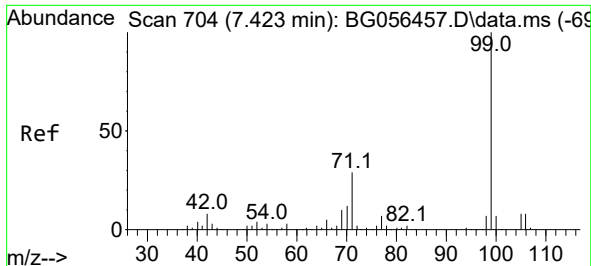
Tgt Ion:112 Resp: 186694
Ion Ratio Lower Upper
112 100
64 38.8 31.9 47.9
63 21.9 17.4 26.0



#6
Aniline
Concen: 4.461 ng
RT: 7.588 min Scan# 732
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 93 Resp: 12219
Ion Ratio Lower Upper
93 100
66 26.2 22.2 33.2
65 17.6 11.3 16.9#

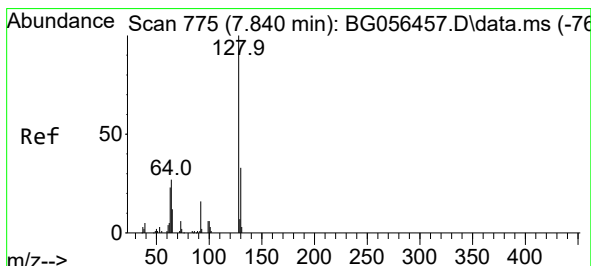
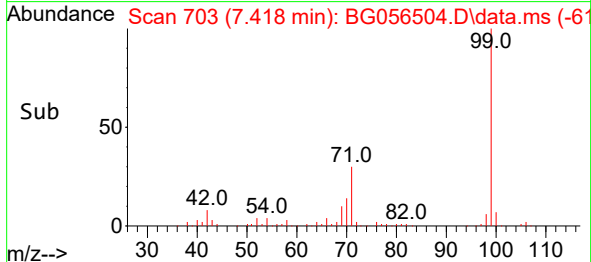
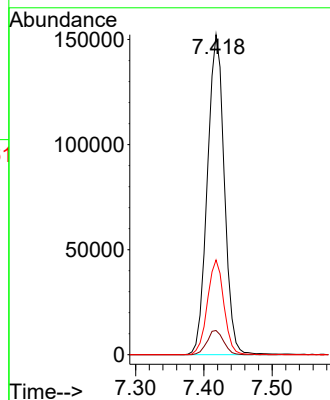
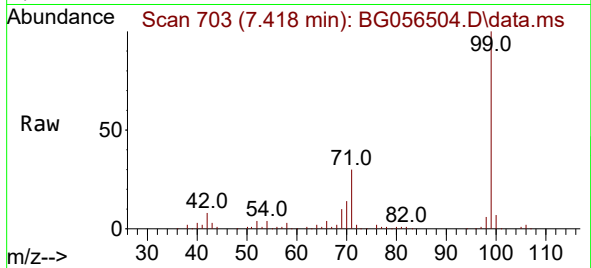




#7
Phenol-d6
Concen: 125.731 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

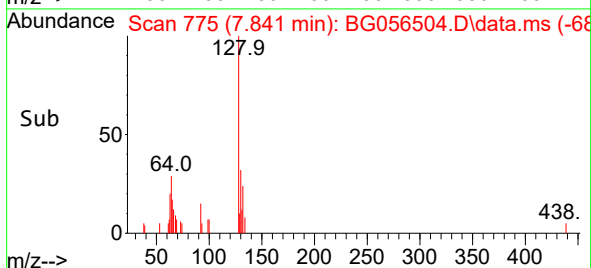
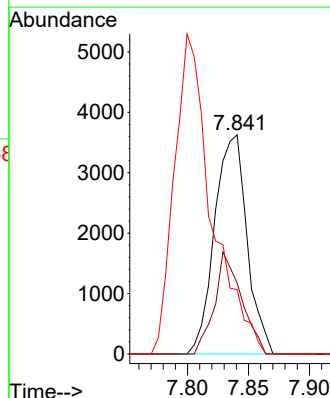
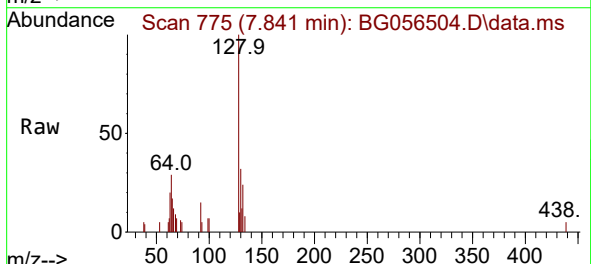
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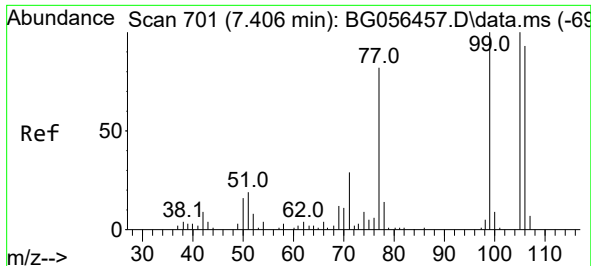
Tgt Ion: 99 Resp: 263055
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 29.6 23.4 35.0



#8
2-Chlorophenol
Concen: 4.320 ng
RT: 7.841 min Scan# 775
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:128 Resp: 6702
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 29.4 11.3 51.3

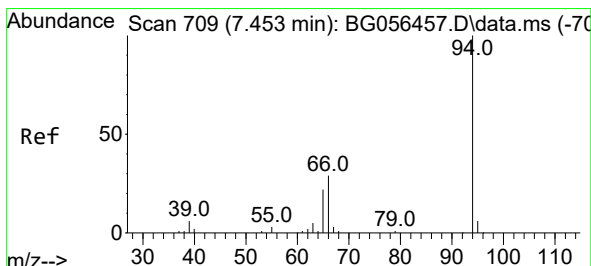
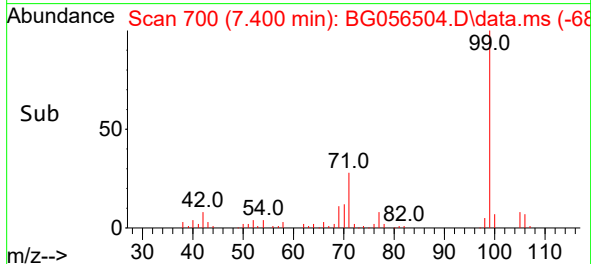
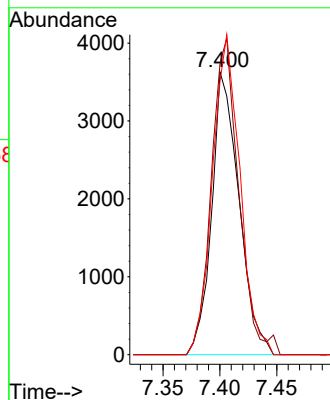
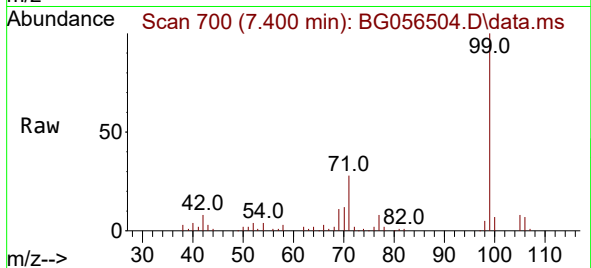




#9
Benzaldehyde
Concen: 4.621 ng
RT: 7.400 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

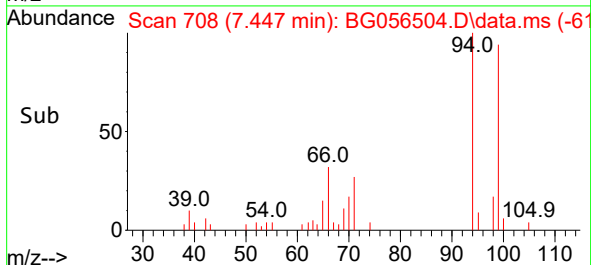
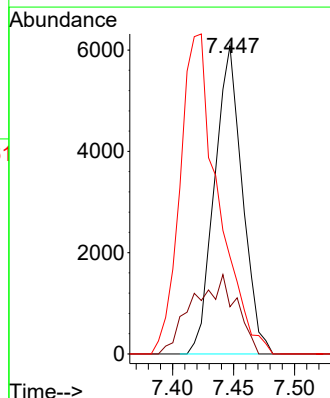
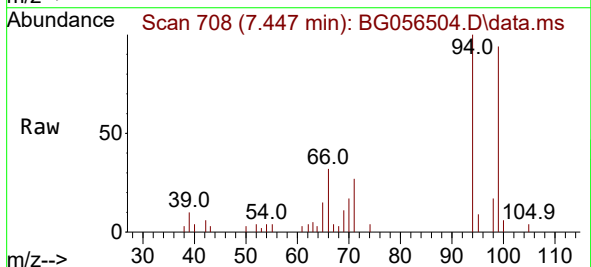
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ClientSampleId :
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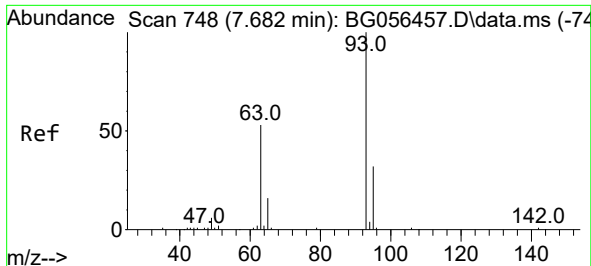
Tgt Ion: 77 Resp: 6070
Ion Ratio Lower Upper
77 100
105 103.3 101.8 141.8
106 96.9 93.0 133.0



#10
Phenol
Concen: 4.540 ng
RT: 7.447 min Scan# 708
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 94 Resp: 9655
Ion Ratio Lower Upper
94 100
65 15.3 2.3 42.3
66 31.6 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 4.870 ng

RT: 7.676 min Scan# 74

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

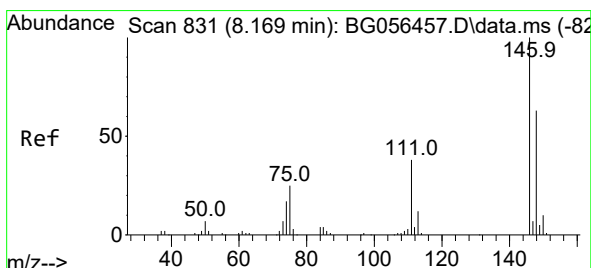
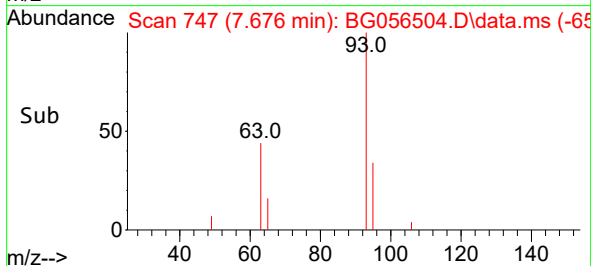
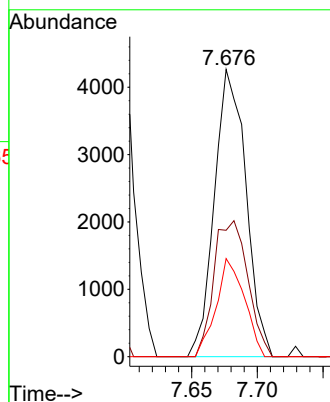
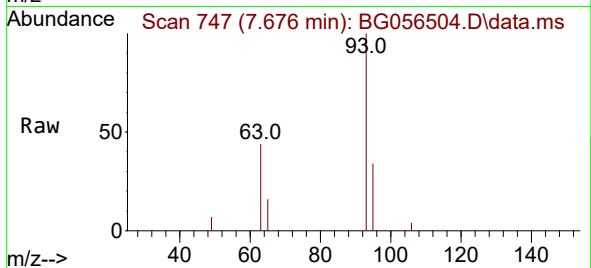
Tgt Ion: 93 Resp: 7118

Ion Ratio Lower Upper

93 100

63 44.0 32.4 72.4

95 34.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 4.958 ng

RT: 8.164 min Scan# 830

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

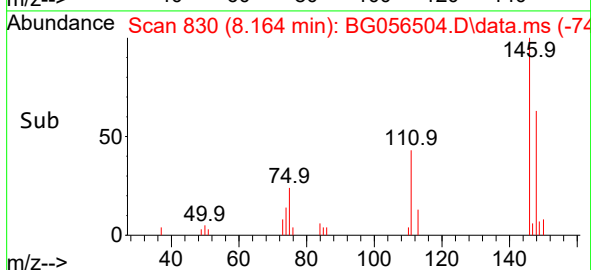
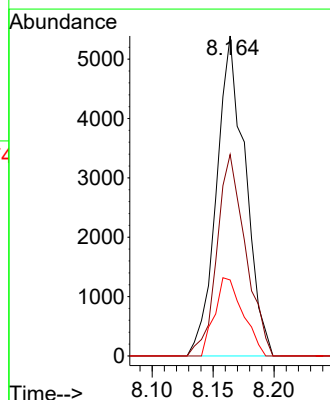
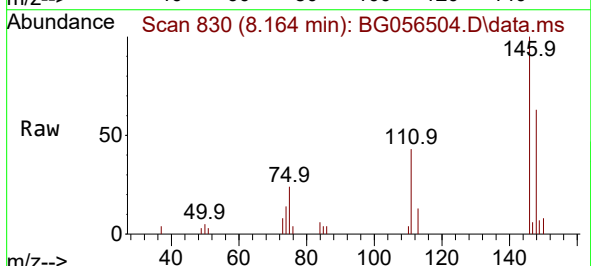
Tgt Ion:146 Resp: 8855

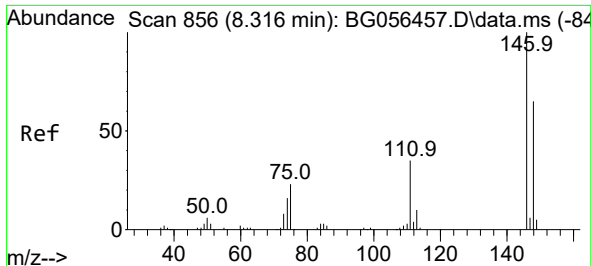
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

75 23.7 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 4.949 ng

RT: 8.311 min Scan# 8

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

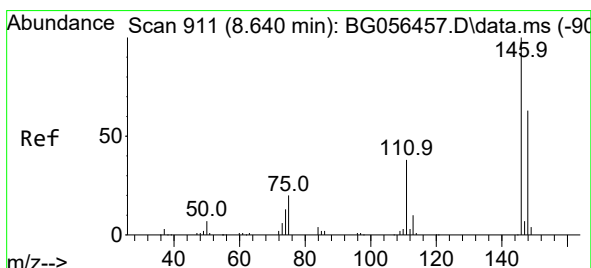
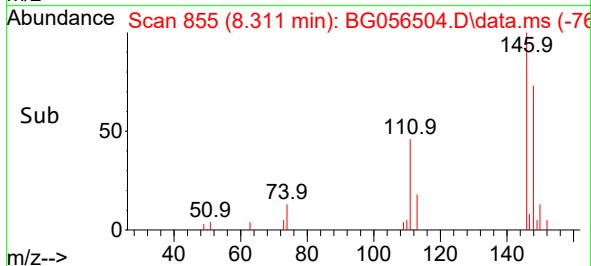
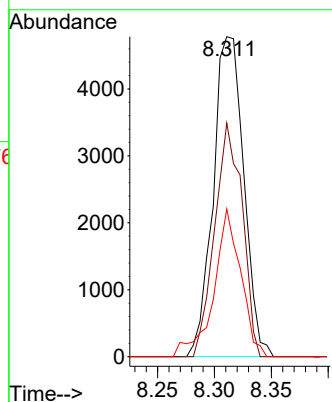
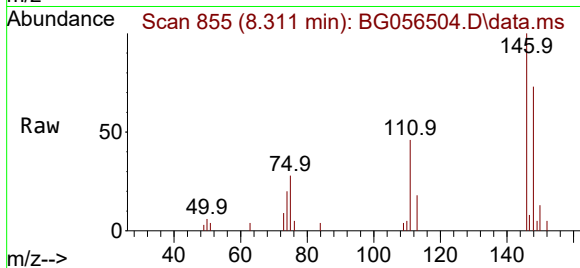
Tgt Ion:146 Resp: 8952

Ion Ratio Lower Upper

146 100

148 67.5 51.8 77.6

111 42.6 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 5.009 ng

RT: 8.634 min Scan# 910

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

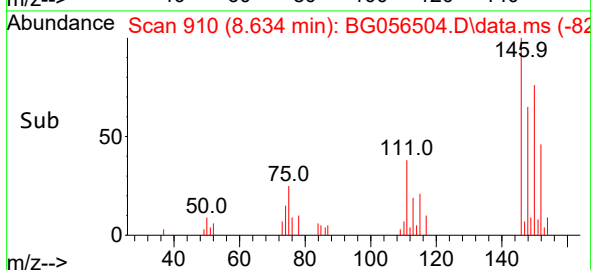
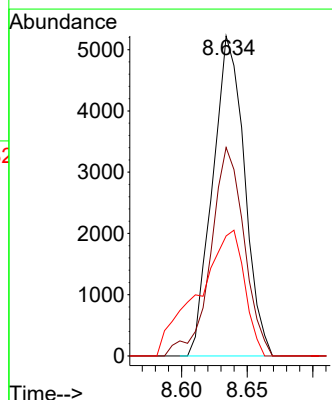
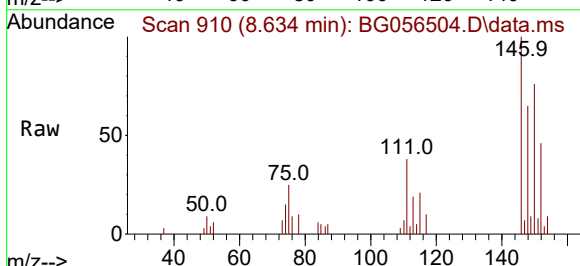
Tgt Ion:146 Resp: 8790

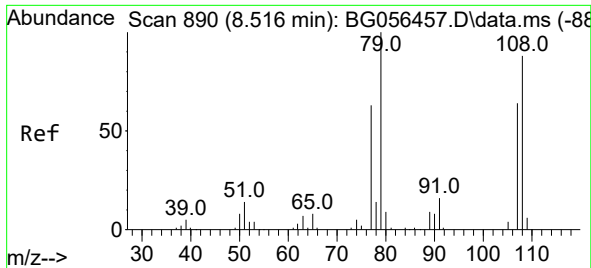
Ion Ratio Lower Upper

146 100

148 65.2 50.1 75.1

111 37.5 30.9 46.3

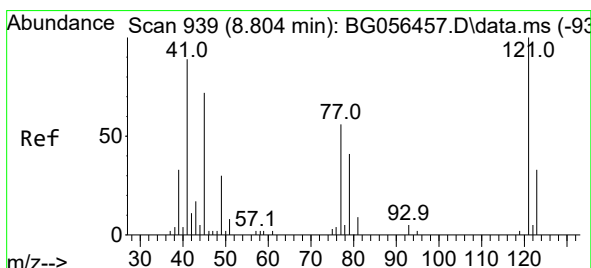
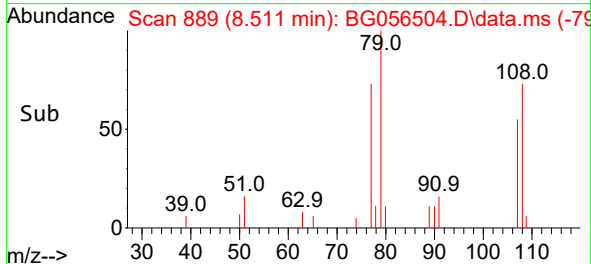
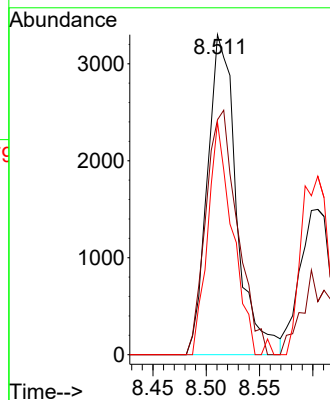
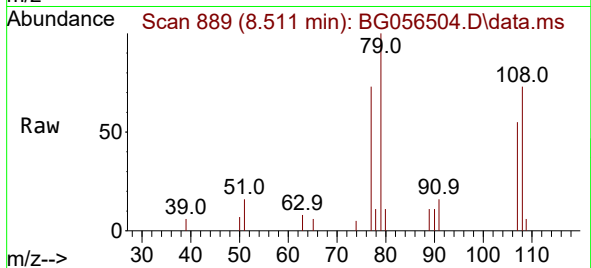




#15
Benzyl Alcohol
Concen: 4.390 ng
RT: 8.511 min Scan# 890
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

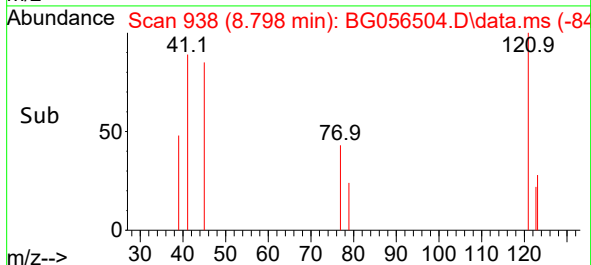
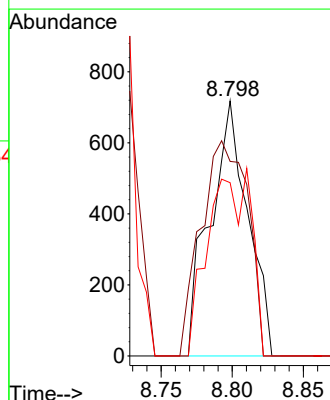
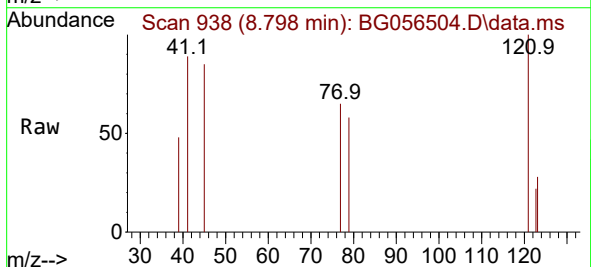
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

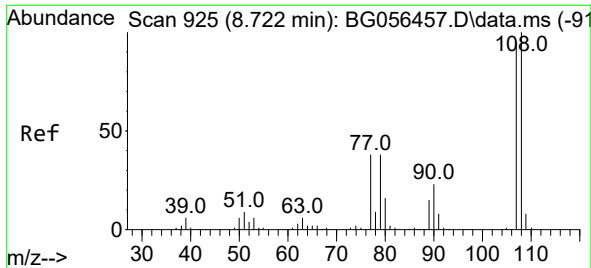
Tgt Ion: 79 Resp: 6302
Ion Ratio Lower Upper
79 100
108 73.4 70.1 105.1
77 72.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.291 ng
RT: 8.798 min Scan# 938
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 45 Resp: 1329
Ion Ratio Lower Upper
45 100
77 76.3 62.1 102.1
79 68.0 42.7 82.7



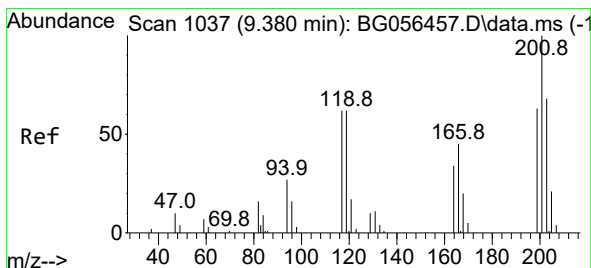
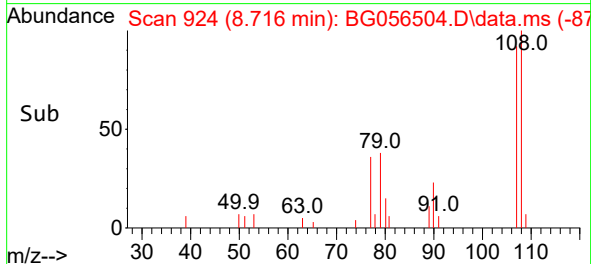
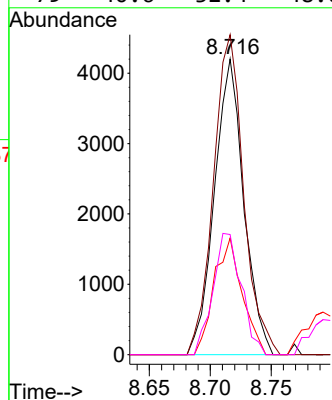
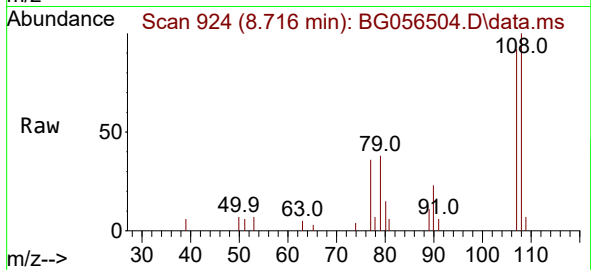


#17
2-Methylphenol
Concen: 4.353 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:107 Resp: 7042

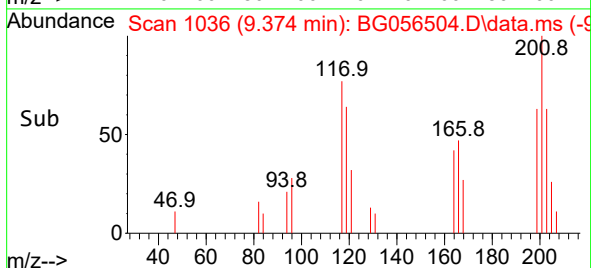
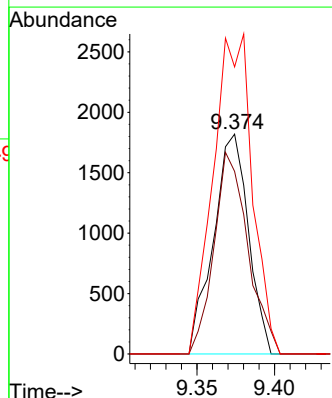
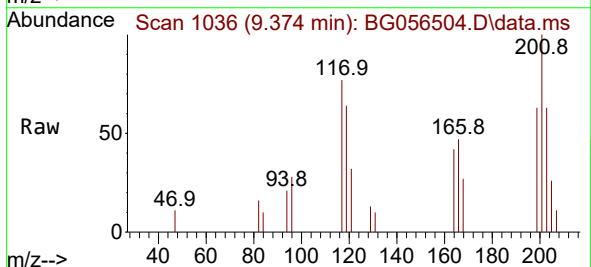
Ion	Ratio	Lower	Upper
107	100		
108	108.2	83.9	125.9
77	39.4	31.6	47.4
79	40.6	32.4	48.6

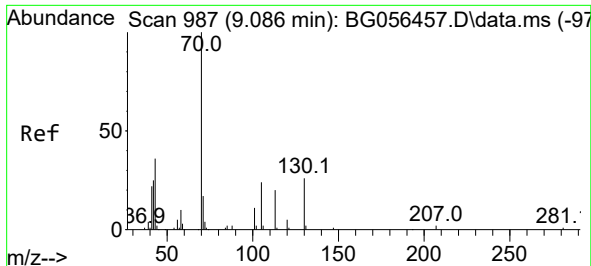


#18
Hexachloroethane
Concen: 5.208 ng
RT: 9.374 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:117 Resp: 2849

Ion	Ratio	Lower	Upper
117	100		
119	83.0	79.4	119.0
201	130.5	128.5	192.7

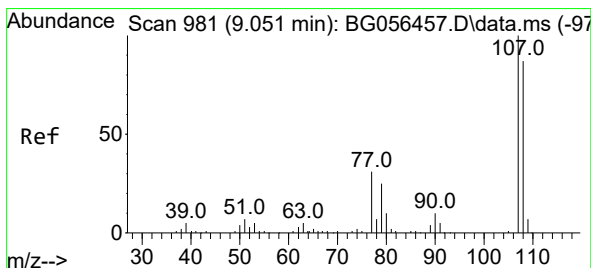
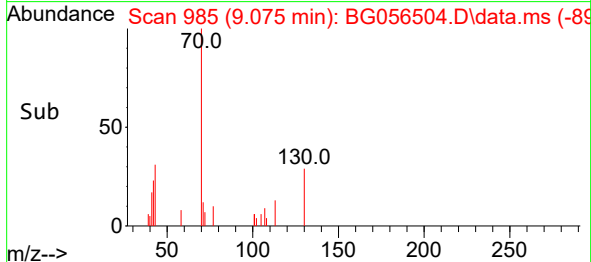
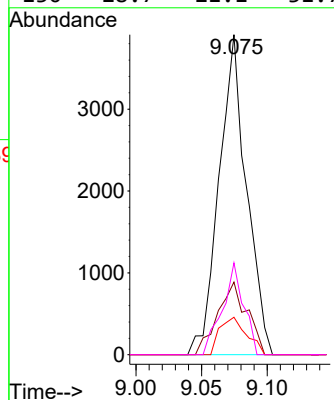
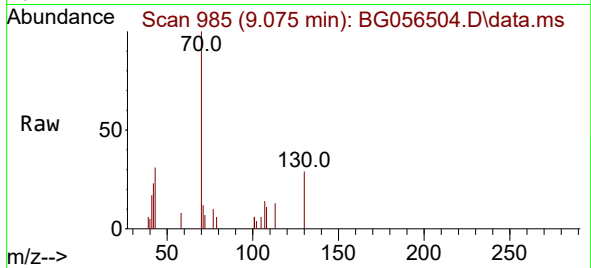




#19
n-Nitroso-di-n-propylamine
Concen: 4.716 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

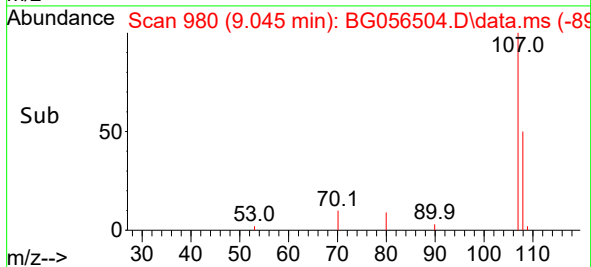
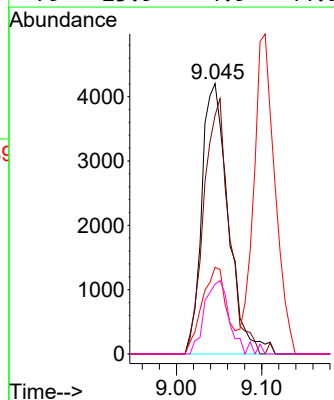
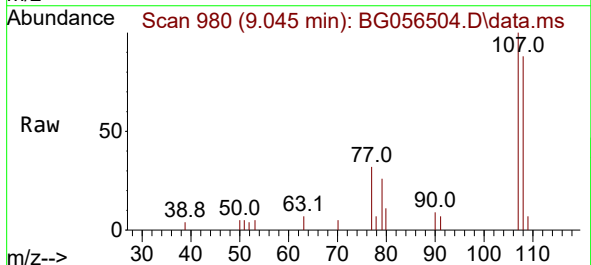
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

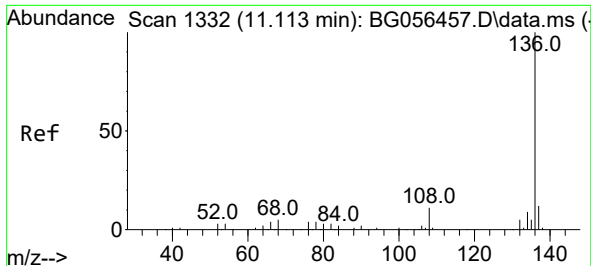
Tgt Ion: 70	Resp:	5686	
Ion	Ratio	Lower	Upper
70	100		
42	22.7	20.2	30.4
101	11.7	9.1	13.7
130	28.7	21.1	31.7



#20
3+4-Methylphenols
Concen: 4.020 ng
RT: 9.045 min Scan# 980
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:107	Resp:	9114	
Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.7	106.7
77	32.1	10.6	50.6
79	25.9	4.9	44.9

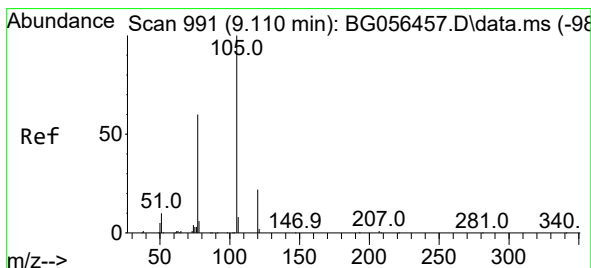
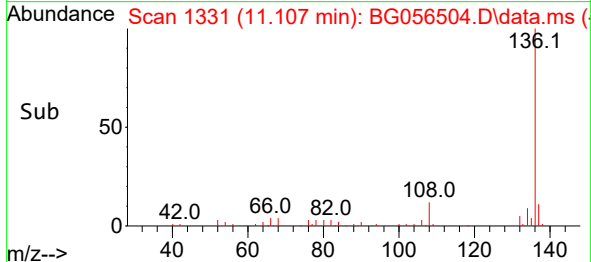
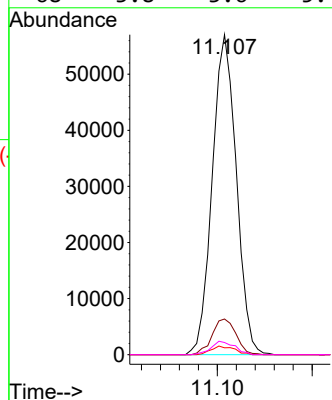
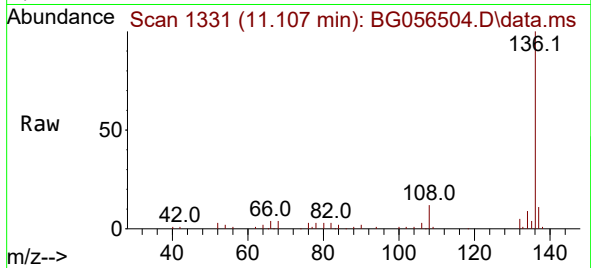




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

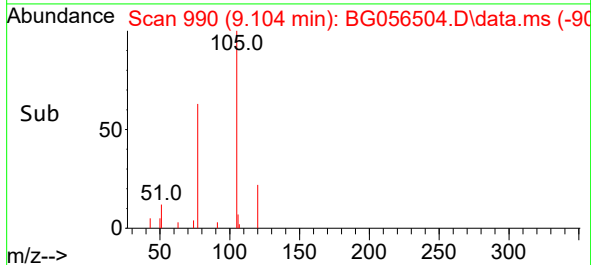
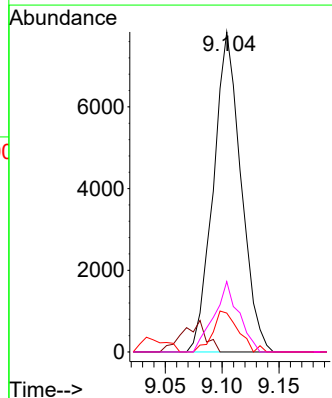
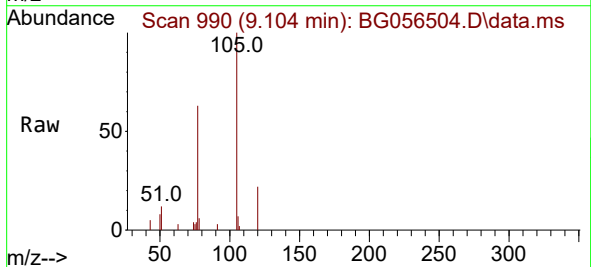
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

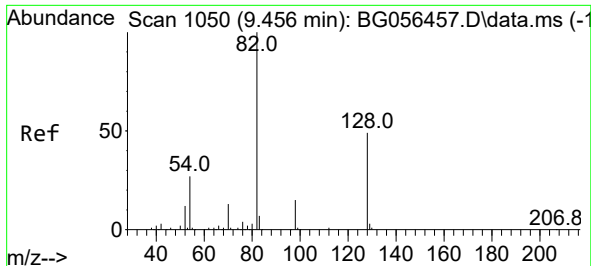
Tgt Ion:136 Resp: 100491
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.2 2.2 3.4#
68 3.8 3.6 5.4



#22
Acetophenone
Concen: 4.958 ng
RT: 9.104 min Scan# 990
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:105 Resp: 13237
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 12.2 9.2 13.8
120 22.0 17.4 26.0

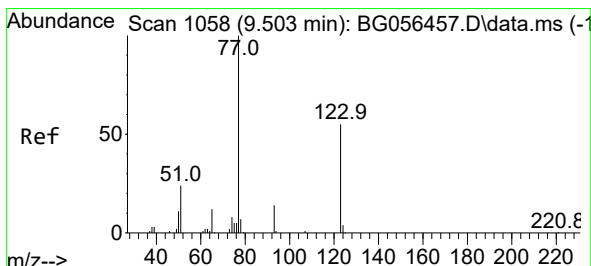
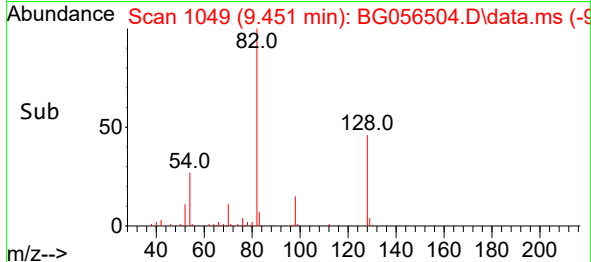
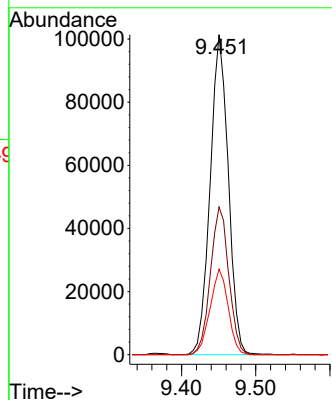
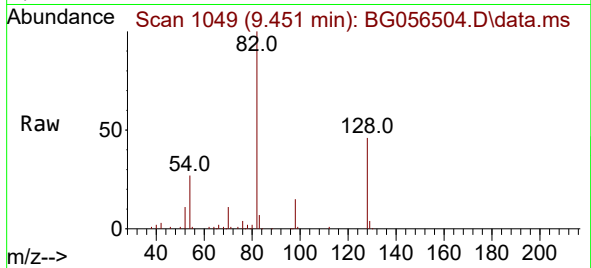




#23
Nitrobenzene-d5
Concen: 97.208 ng
RT: 9.451 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

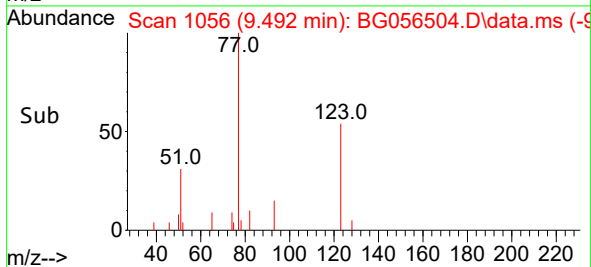
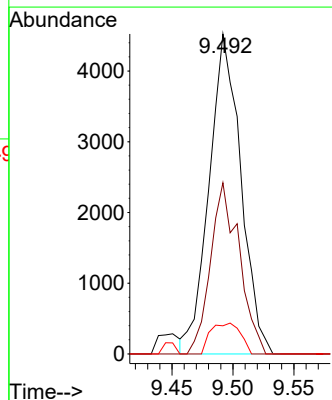
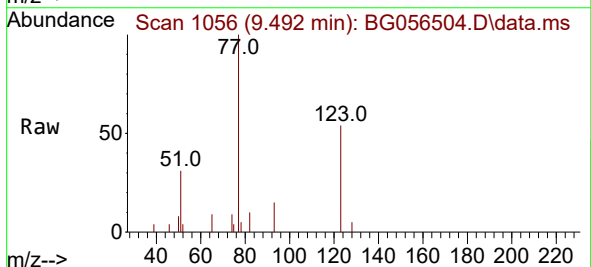
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022

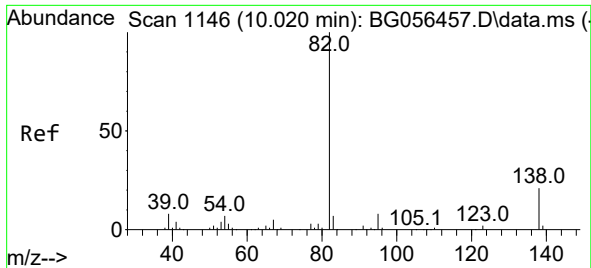
Tgt Ion: 82 Resp: 172027
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 26.8 21.4 32.2



#24
Nitrobenzene
Concen: 4.798 ng
RT: 9.492 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 77 Resp: 8190
Ion Ratio Lower Upper
77 100
123 53.5 44.0 66.0
65 8.8 9.7 14.5

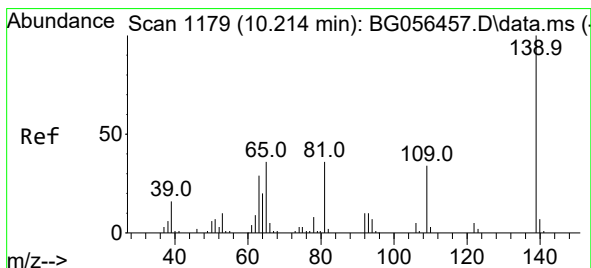
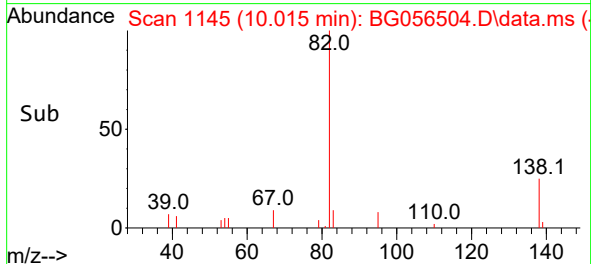
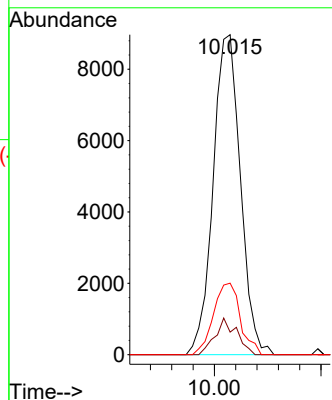
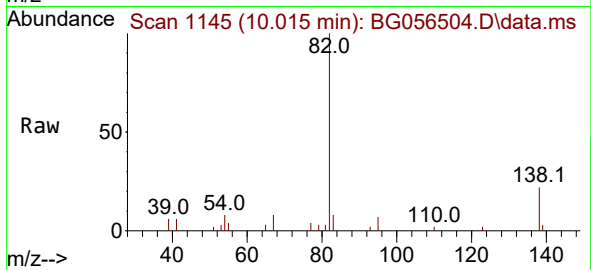




#25
Isophorone
Concen: 4.358 ng
RT: 10.015 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

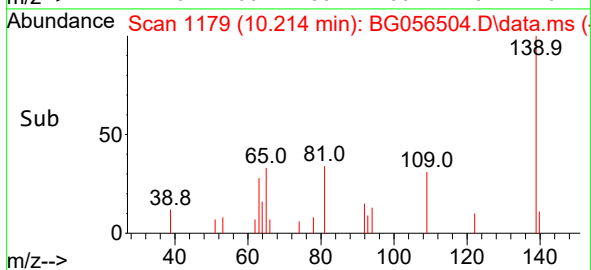
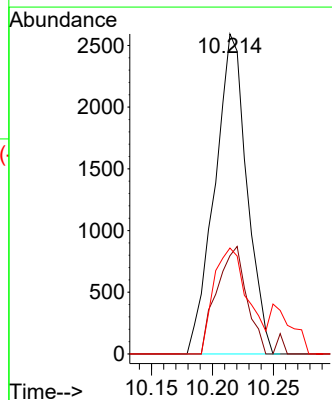
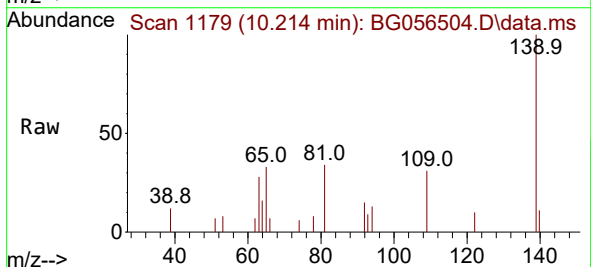
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

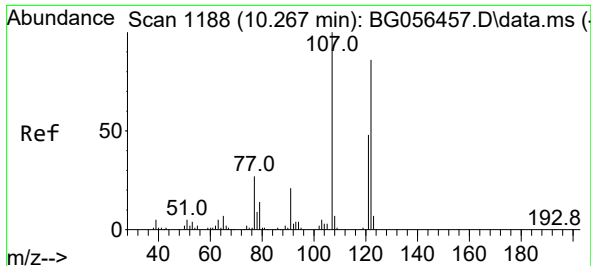
Tgt Ion: 82 Resp: 15909
Ion Ratio Lower Upper
82 100
95 7.0 6.3 9.5
138 22.4 16.6 25.0



#26
2-Nitrophenol
Concen: 4.598 ng
RT: 10.214 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 139 Resp: 4762
Ion Ratio Lower Upper
139 100
109 30.7 26.9 40.3
65 33.1 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 4.195 ng

RT: 10.256 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

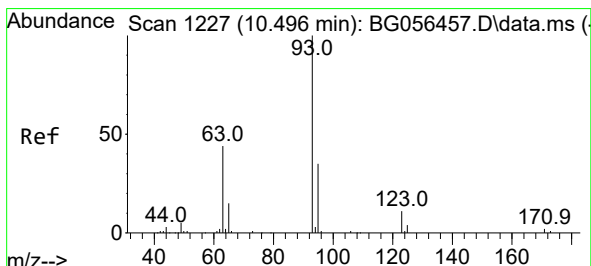
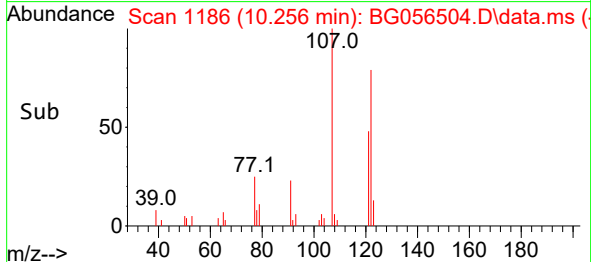
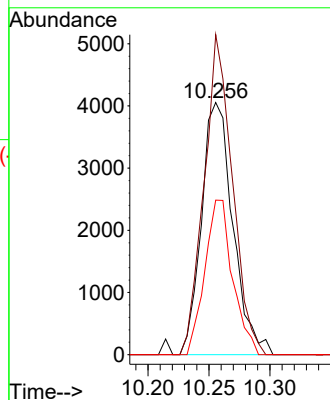
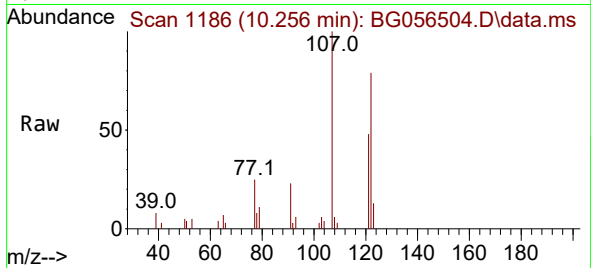
Tgt Ion:122 Resp: 7271

Ion Ratio Lower Upper

122 100

107 126.9 92.9 139.3

121 61.3 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 4.554 ng

RT: 10.491 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

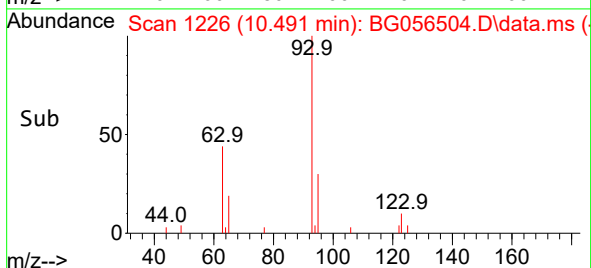
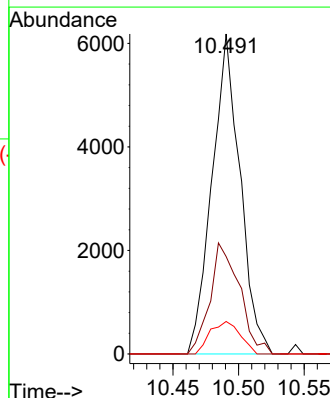
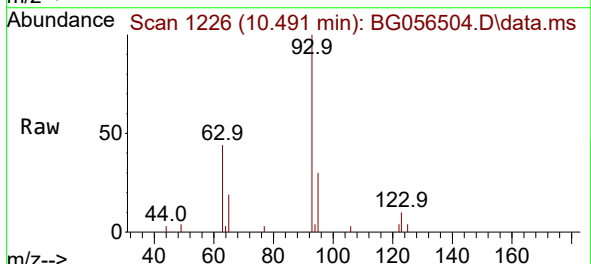
Tgt Ion: 93 Resp: 9185

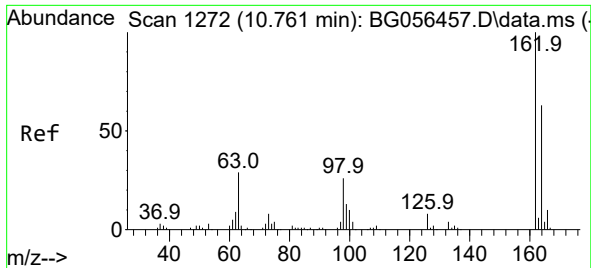
Ion Ratio Lower Upper

93 100

95 30.4 27.9 41.9

123 10.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 4.544 ng

RT: 10.755 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

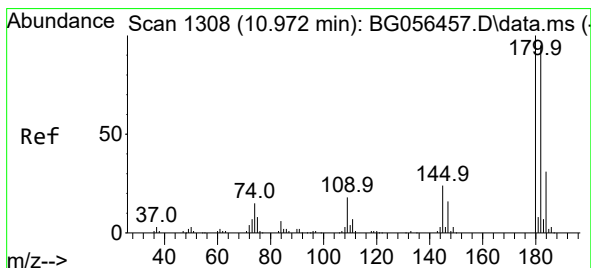
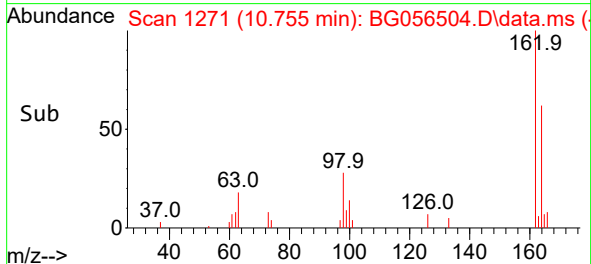
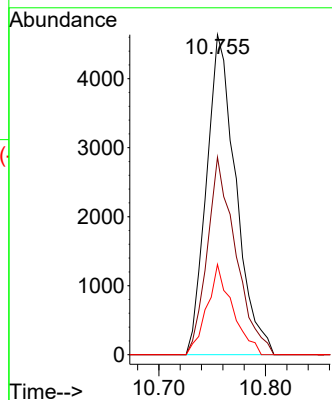
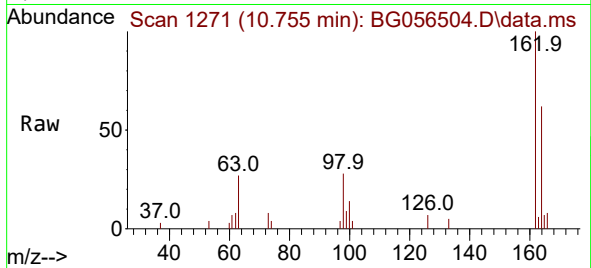
Tgt Ion:162 Resp: 8865

Ion Ratio Lower Upper

162 100

164 61.7 42.8 82.8

98 28.2 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 4.828 ng

RT: 10.966 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

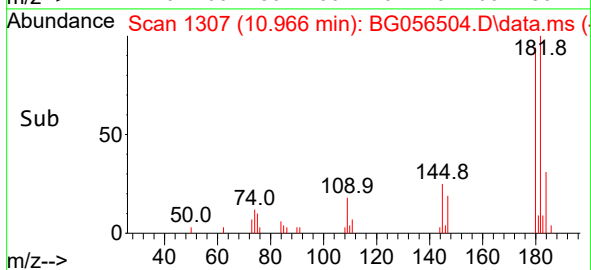
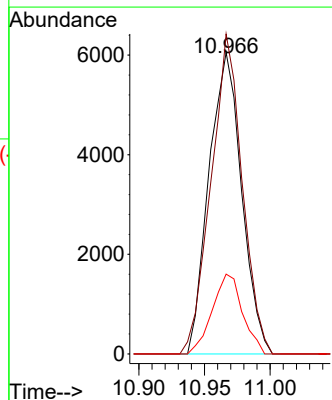
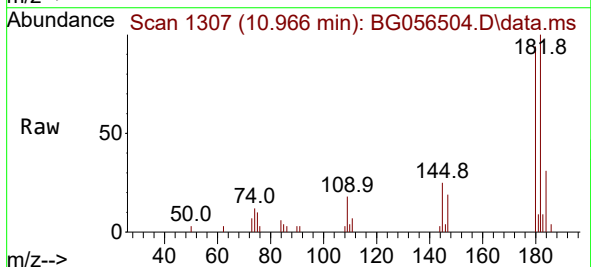
Tgt Ion:180 Resp: 10467

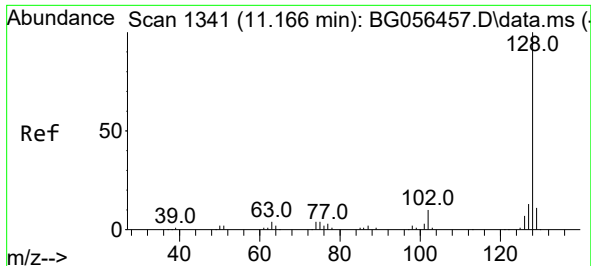
Ion Ratio Lower Upper

180 100

182 115.4 75.9 113.9#

145 26.5 19.4 29.0

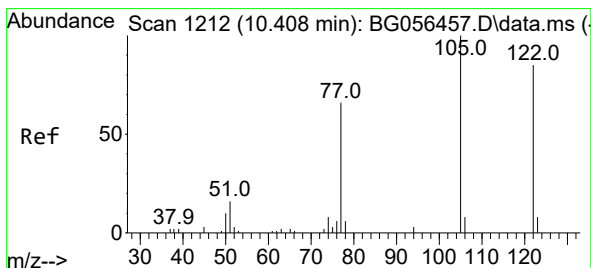
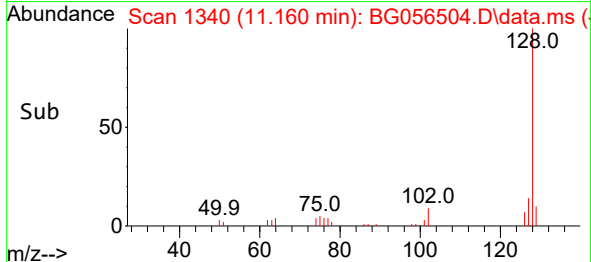
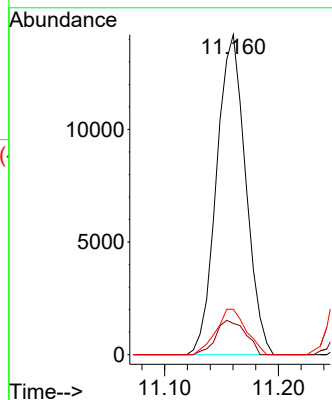
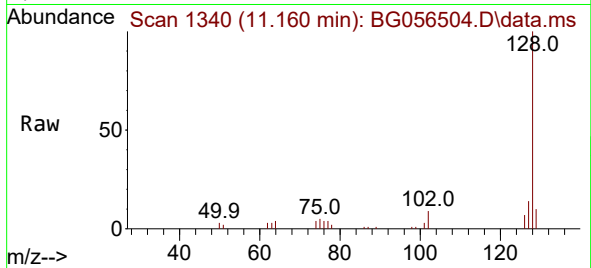




#31
Naphthalene
Concen: 4.759 ng
RT: 11.160 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

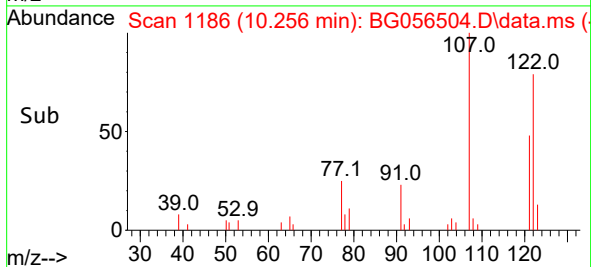
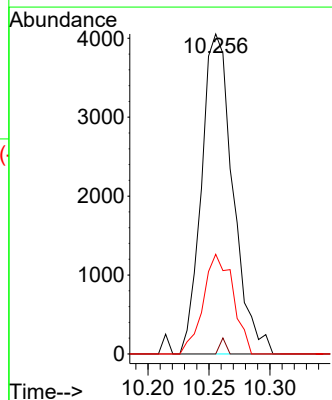
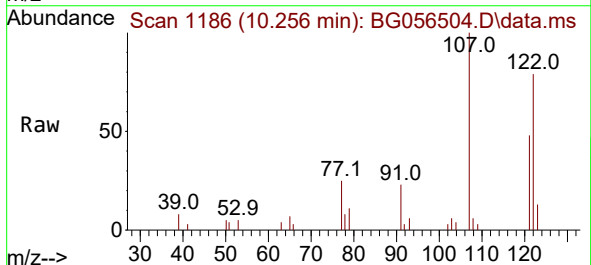
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

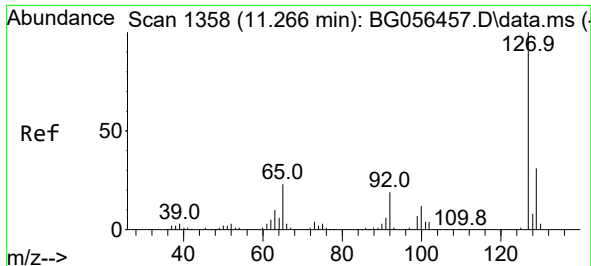
Tgt Ion:128 Resp: 25243
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 14.2 10.4 15.6



#32
Benzoic acid
Concen: 7.498 ng
RT: 10.256 min Scan# 1186
Delta R.T. -0.147 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:122 Resp: 7271
Ion Ratio Lower Upper
122 100
105 0.0 96.5 136.5#
77 31.1 57.3 97.3#

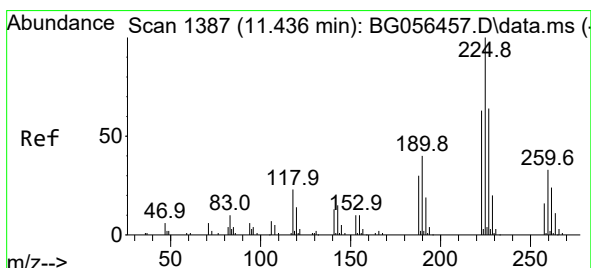
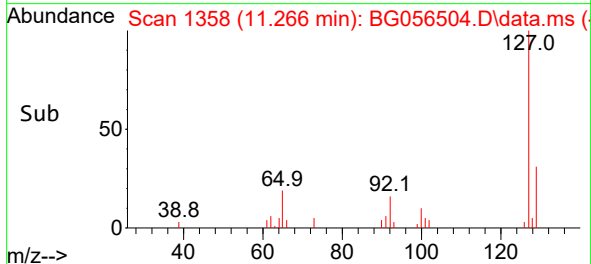
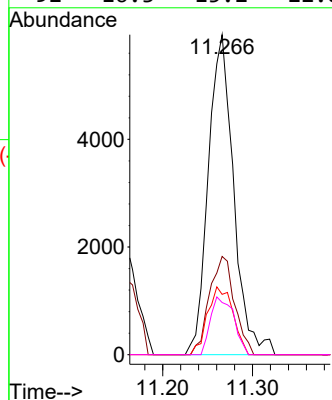
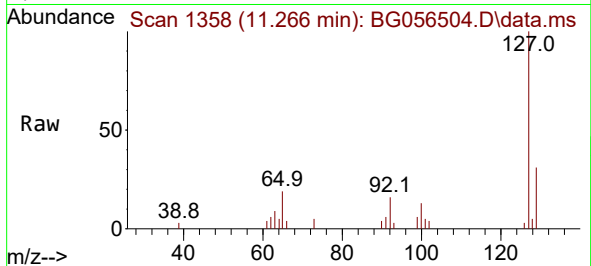




#33
4-Chloroaniline
Concen: 4.707 ng
RT: 11.266 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

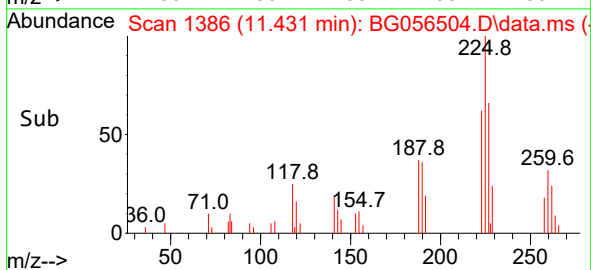
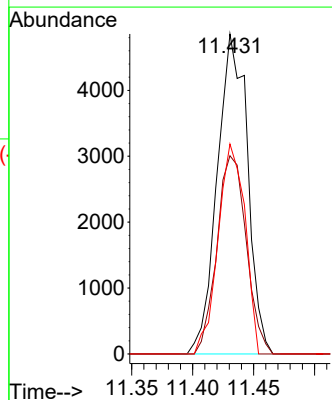
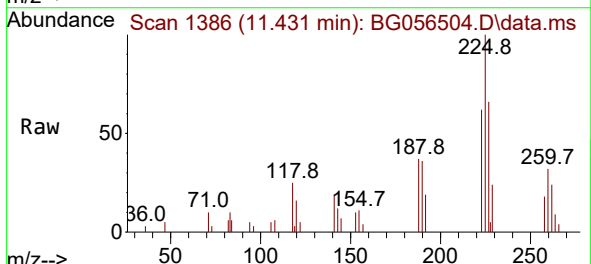
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

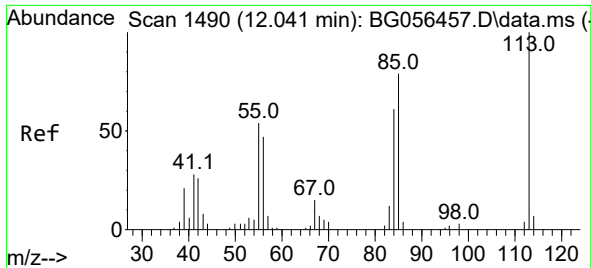
Tgt Ion:	127	Resp:	11653
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.0	37.6
65	18.9	18.5	27.7
92	16.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 5.497 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:	225	Resp:	8365
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	75.8
227	70.6	53.7	80.5

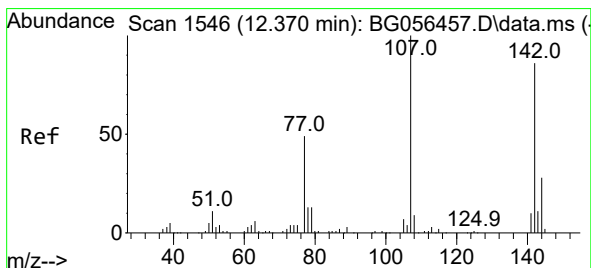
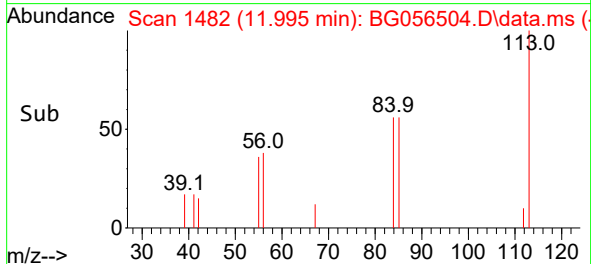
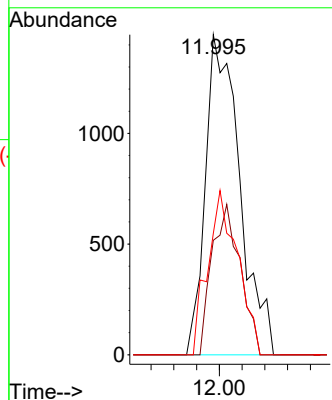
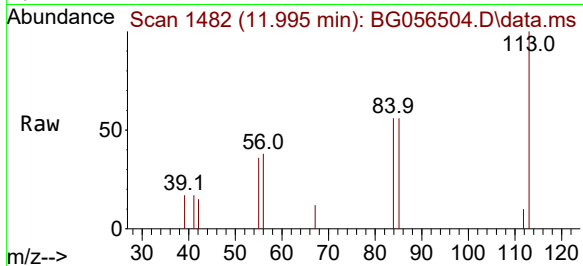




#35
Caprolactam
Concen: 4.599 ng
RT: 11.995 min Scan# 1490
Delta R.T. -0.035 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

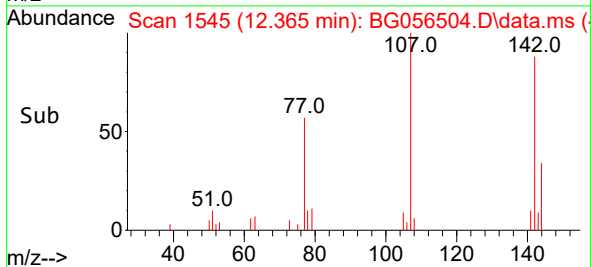
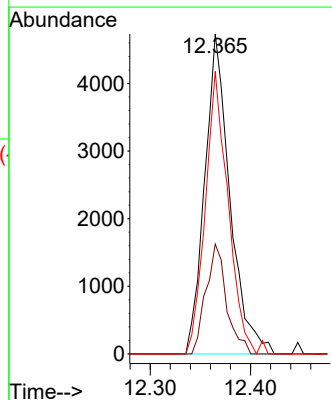
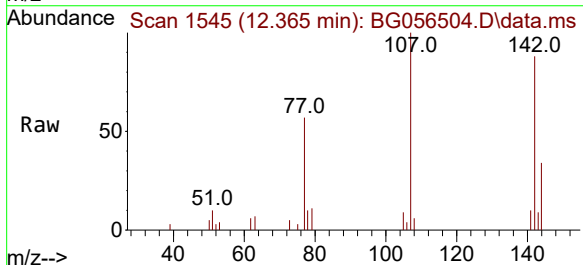
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

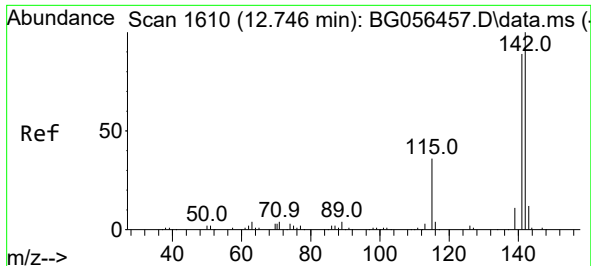
Tgt Ion:113 Resp: 3026
Ion Ratio Lower Upper
113 100
55 35.8 33.7 73.7
56 37.9 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 4.390 ng
RT: 12.365 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:107 Resp: 8272
Ion Ratio Lower Upper
107 100
144 34.4 22.3 33.5#
142 88.3 68.9 103.3





#37

2-Methylnaphthalene

Concen: 4.581 ng

RT: 12.741 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

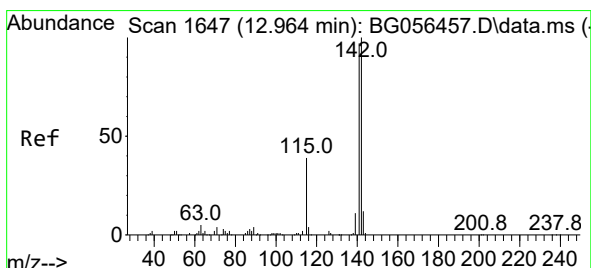
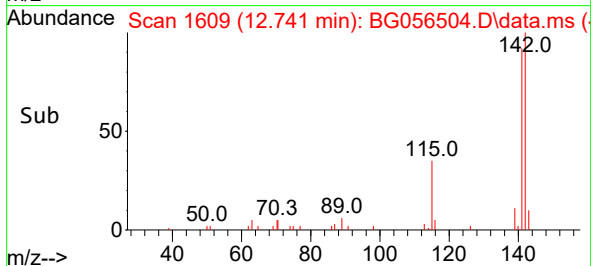
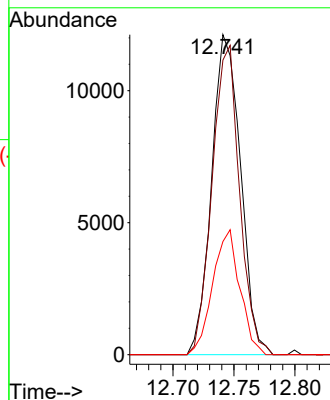
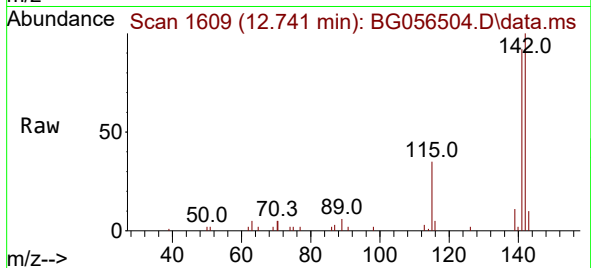
Tgt Ion:142 Resp: 20030

Ion Ratio Lower Upper

142 100

141 92.1 71.4 107.0

115 35.3 28.4 42.6



#38

1-Methylnaphthalene

Concen: 4.905 ng

RT: 12.741 min Scan# 1609

Delta R.T. -0.223 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

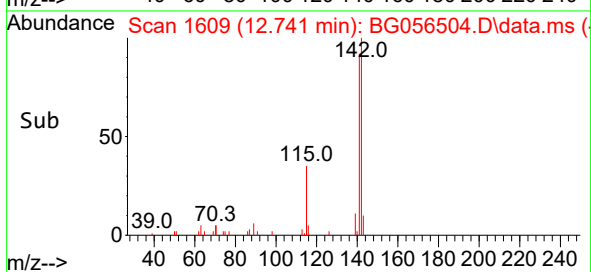
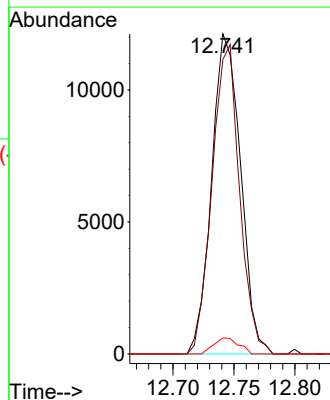
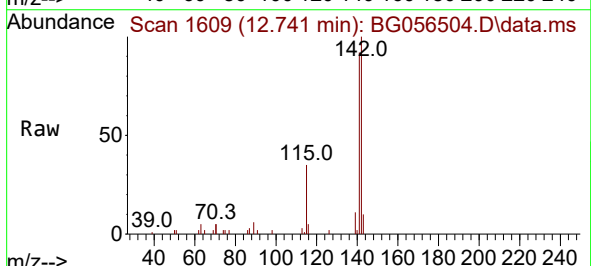
Tgt Ion:142 Resp: 20030

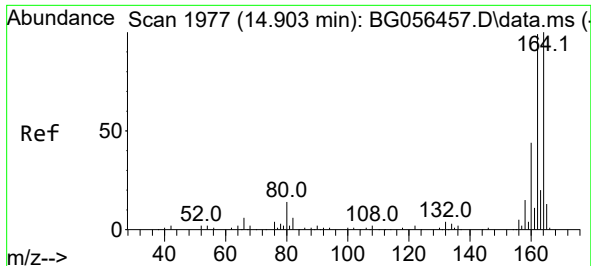
Ion Ratio Lower Upper

142 100

141 92.1 77.7 116.5

116 5.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.891 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

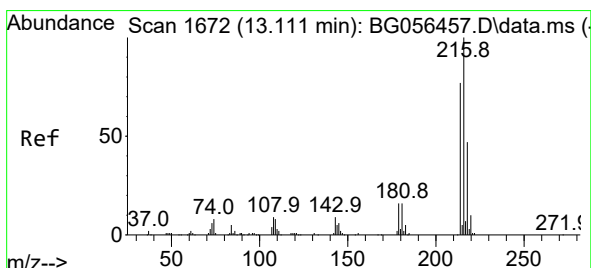
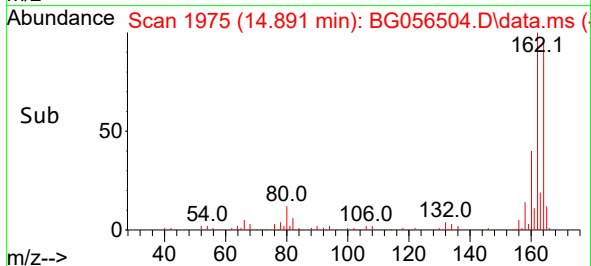
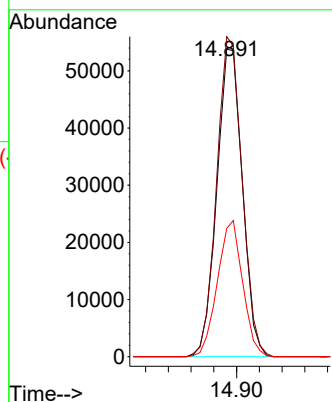
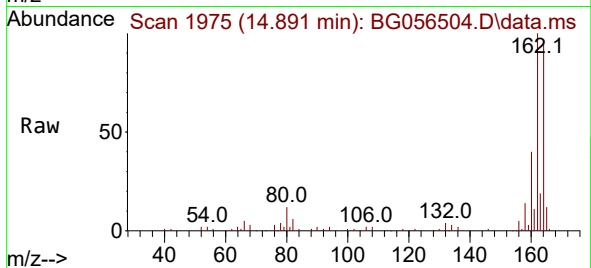
Tgt Ion:164 Resp: 84052

Ion Ratio Lower Upper

164 100

162 104.0 79.6 119.4

160 41.7 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.090 ng

RT: 13.105 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Tgt Ion:216 Resp: 15629

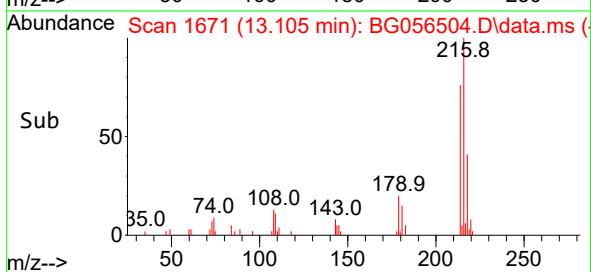
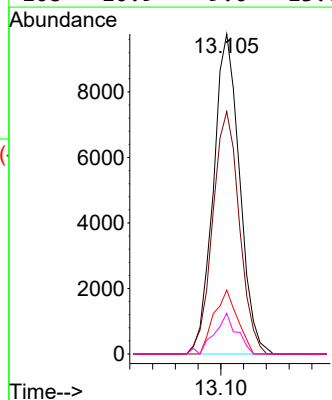
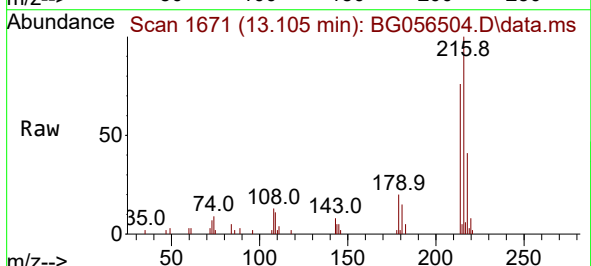
Ion Ratio Lower Upper

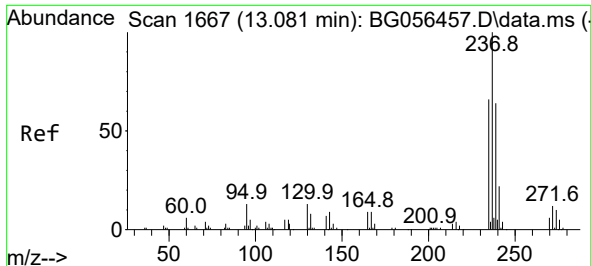
216 100

214 76.9 63.0 94.6

179 17.8 14.1 21.1

108 10.9 9.0 13.6

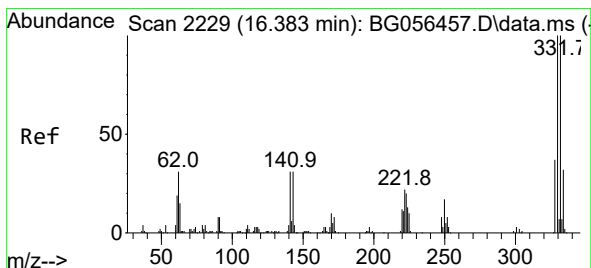
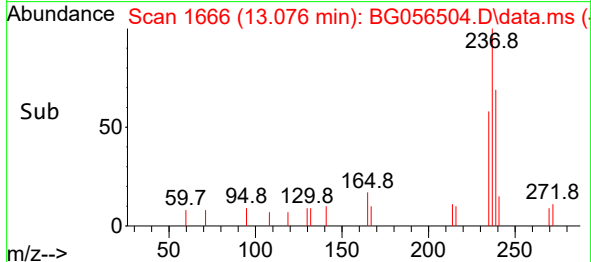
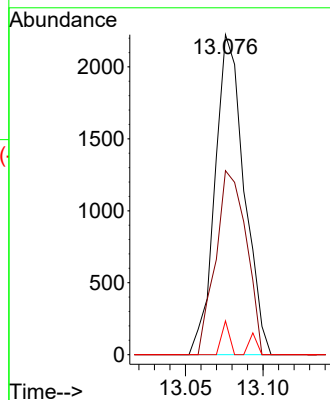
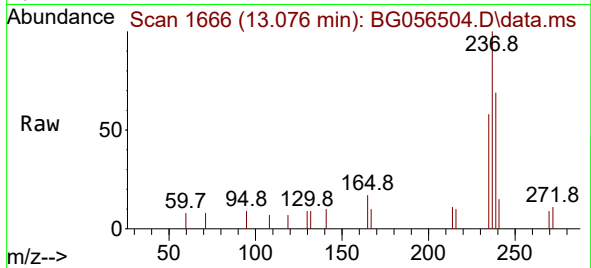




#41
Hexachlorocyclopentadiene
Concen: 8.014 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

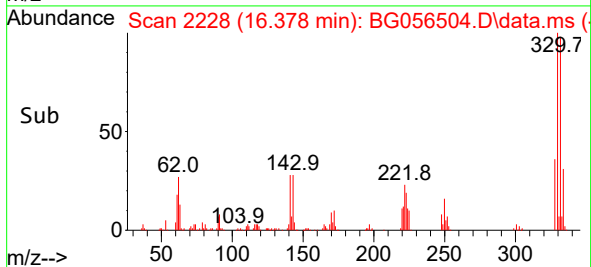
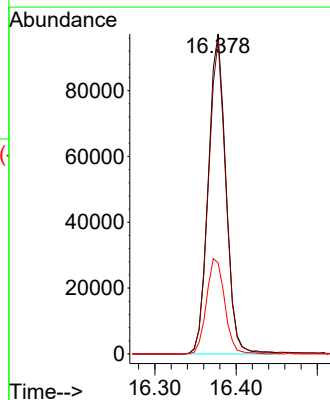
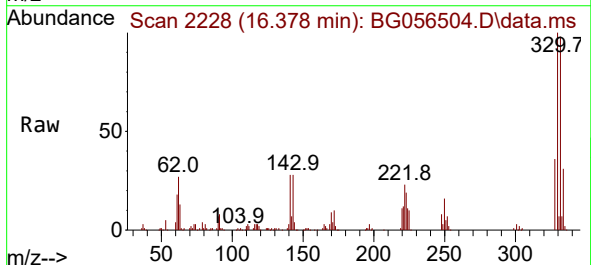
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

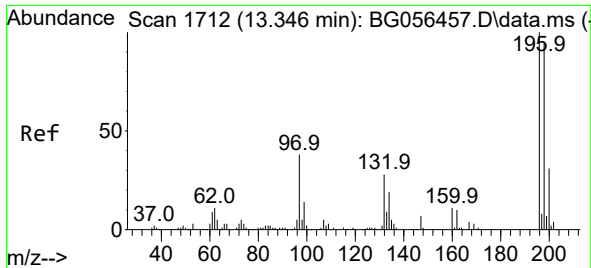
Tgt Ion:237 Resp: 2905
Ion Ratio Lower Upper
237 100
235 57.5 45.6 85.6
272 10.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 131.195 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:330 Resp: 146600
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.6
141 30.7 24.2 36.4

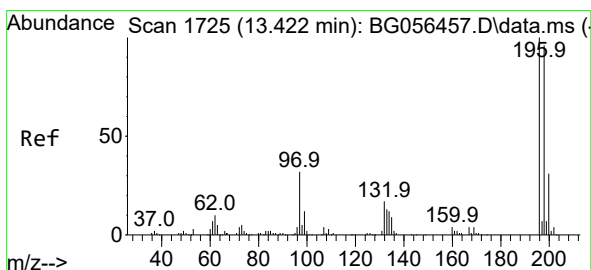
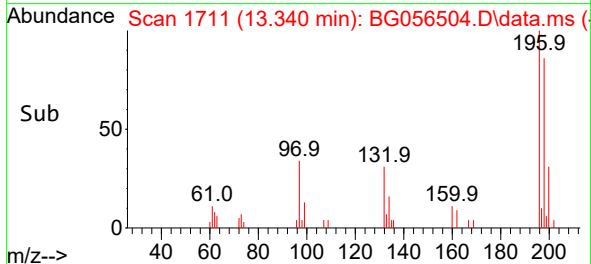
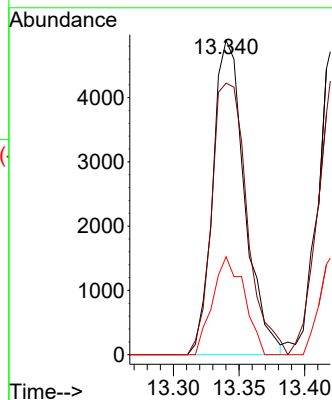
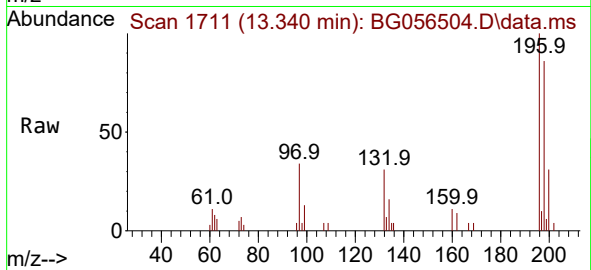




#43
2,4,6-Trichlorophenol
Concen: 4.177 ng
RT: 13.340 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

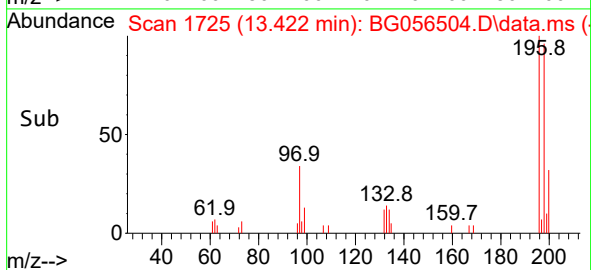
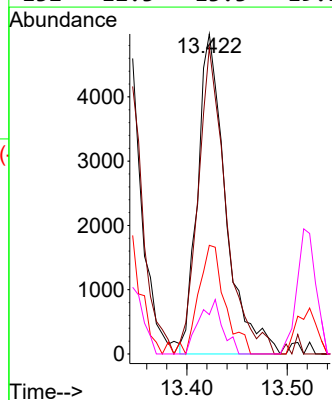
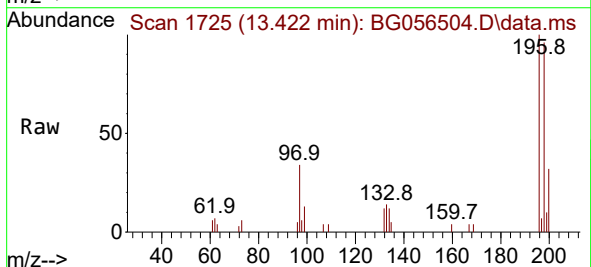
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

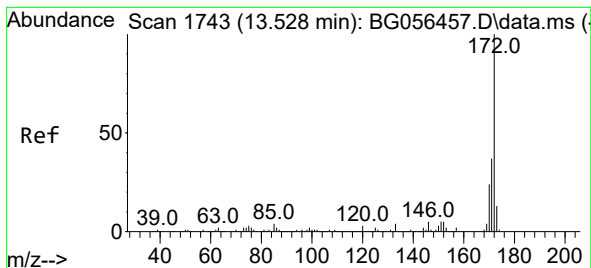
Tgt Ion:196 Resp: 8265
Ion Ratio Lower Upper
196 100
198 86.4 75.4 113.0
200 31.2 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 4.172 ng
RT: 13.422 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:196 Resp: 9666
Ion Ratio Lower Upper
196 100
198 95.7 76.9 115.3
97 34.0 25.8 38.6
132 12.3 13.3 19.9#





#45

2-Fluorobiphenyl

Concen: 98.283 ng

RT: 13.522 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

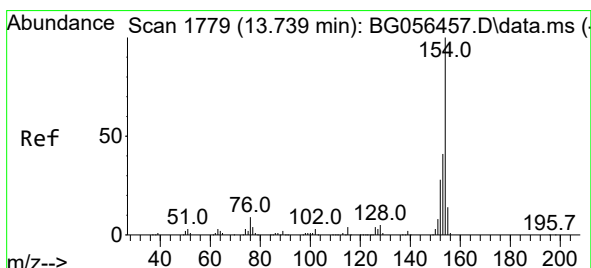
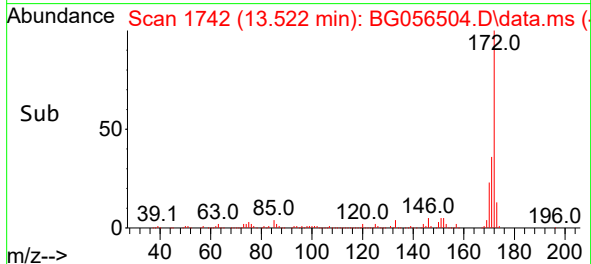
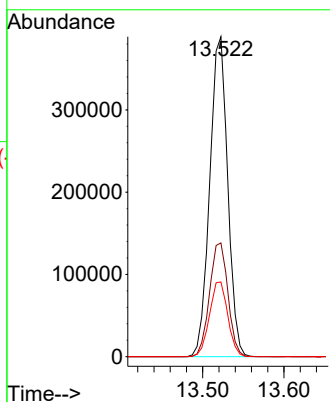
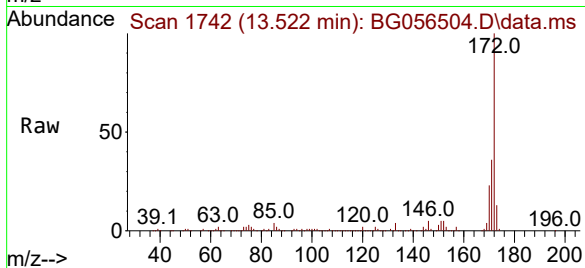
Tgt Ion:172 Resp: 595840

Ion Ratio Lower Upper

172 100

171 35.6 29.5 44.3

170 23.3 19.2 28.8



#46

1,1'-Biphenyl

Concen: 5.140 ng

RT: 13.728 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

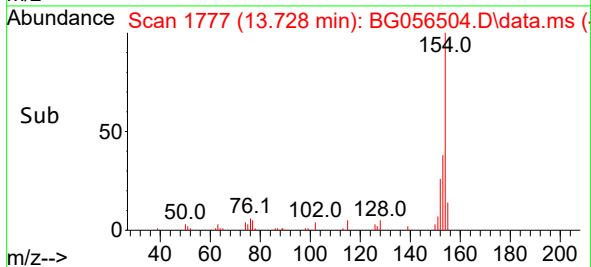
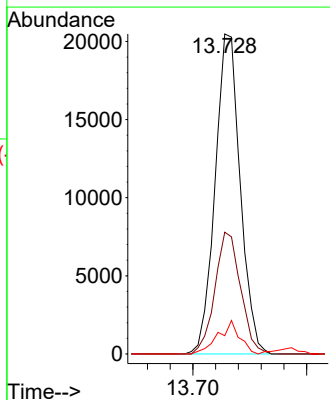
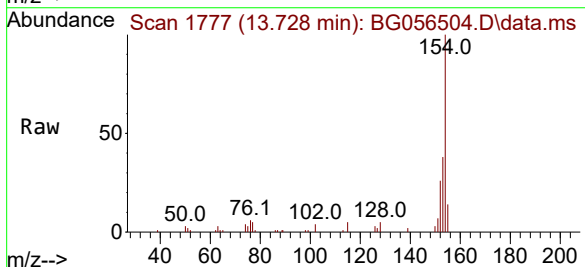
Tgt Ion:154 Resp: 31335

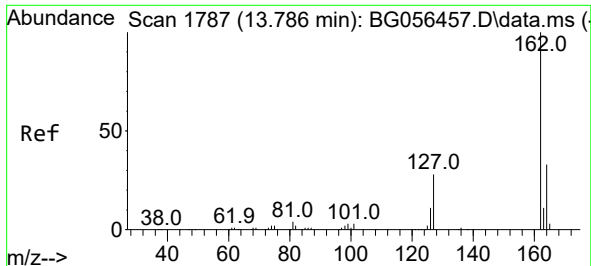
Ion Ratio Lower Upper

154 100

153 38.0 21.5 61.5

76 5.7 0.0 28.8

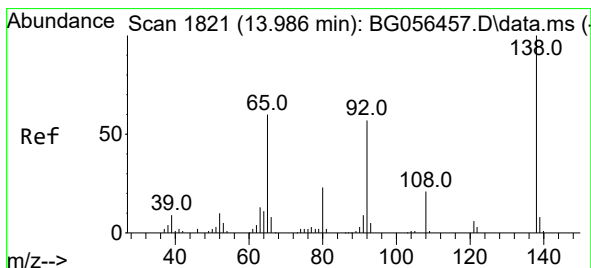
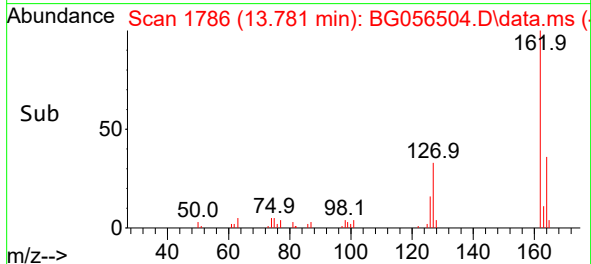
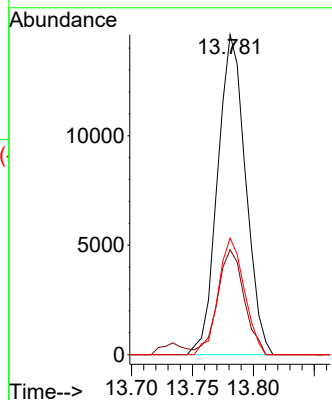
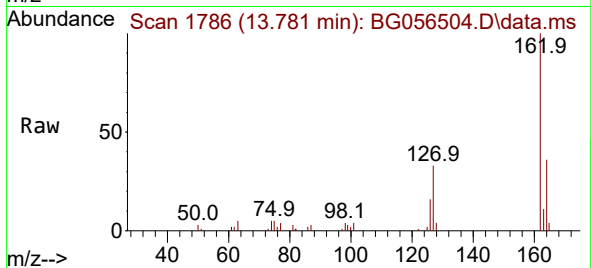




#47
2-Chloronaphthalene
Concen: 4.900 ng
RT: 13.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

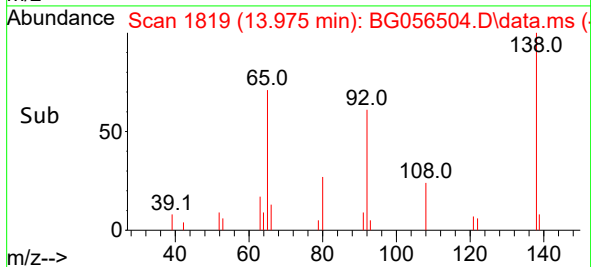
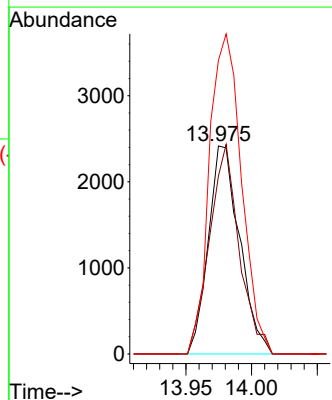
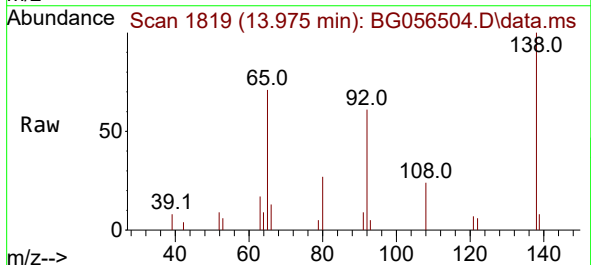
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

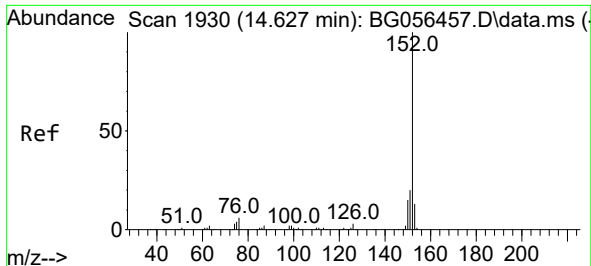
Tgt Ion:162 Resp: 23349
Ion Ratio Lower Upper
162 100
127 32.8 25.2 37.8
164 36.4 26.2 39.2



#48
2-Nitroaniline
Concen: 4.069 ng
RT: 13.975 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 65 Resp: 4008
Ion Ratio Lower Upper
65 100
92 85.6 75.8 113.6
138 141.3 133.2 199.8

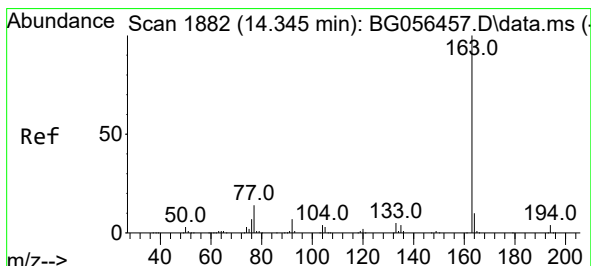
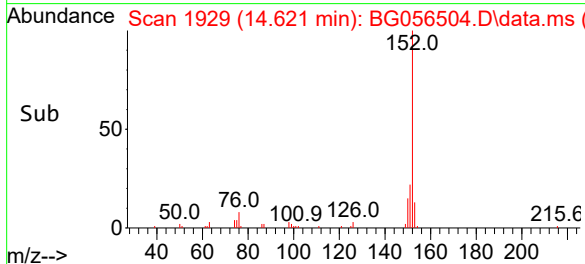
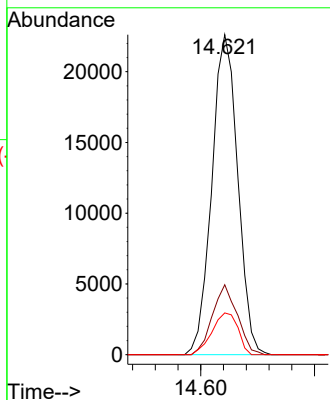
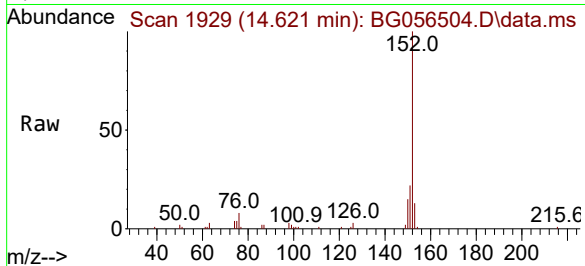




#49
Acenaphthylene
Concen: 4.612 ng
RT: 14.621 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

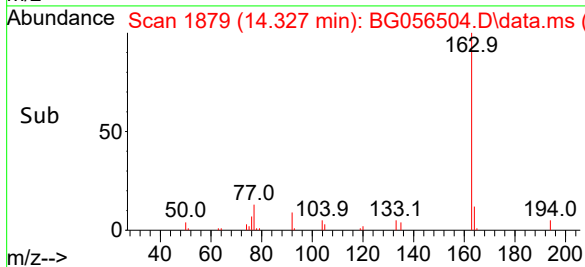
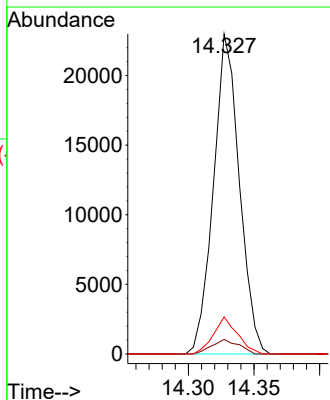
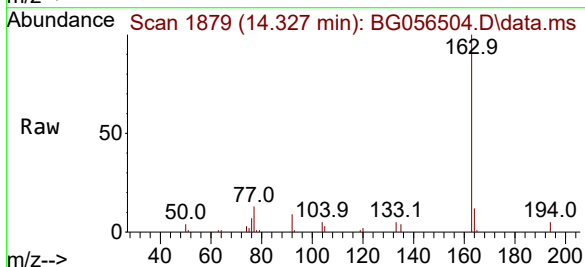
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

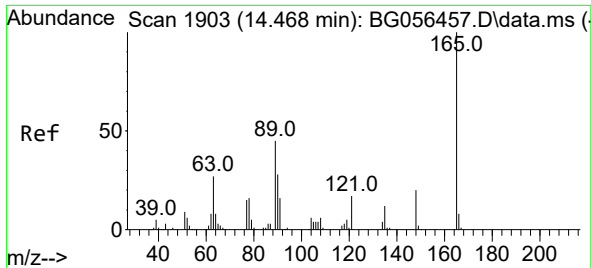
Tgt Ion:152 Resp: 35758
Ion Ratio Lower Upper
152 100
151 21.9 15.9 23.9
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 4.639 ng
RT: 14.327 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:163 Resp: 31548
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 11.6 8.1 12.1

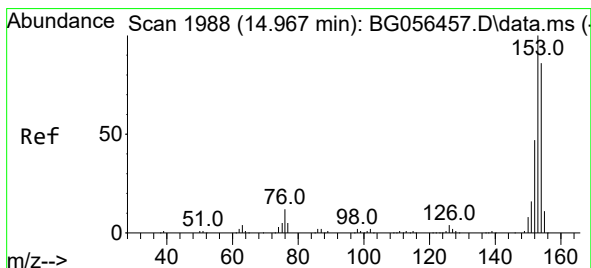
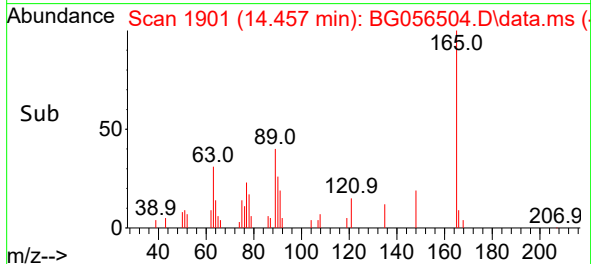
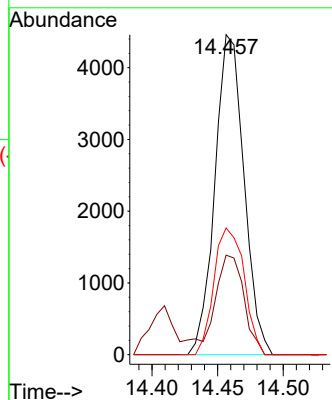
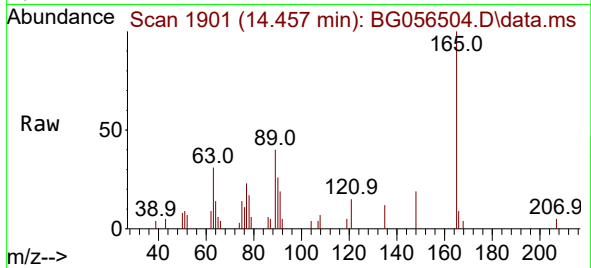




#51
2,6-Dinitrotoluene
Concen: 4.633 ng
RT: 14.457 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

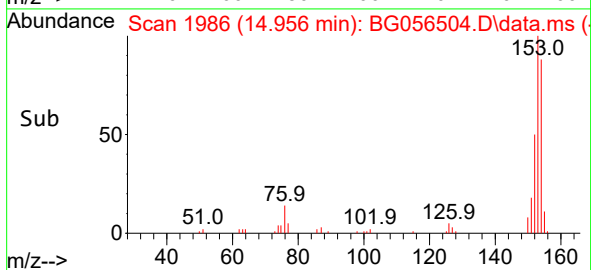
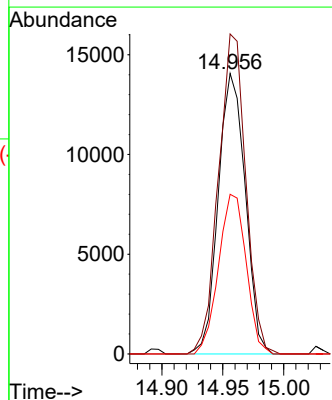
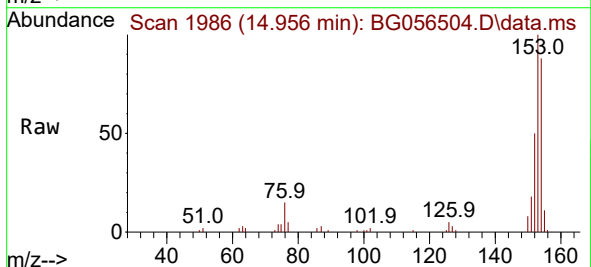
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

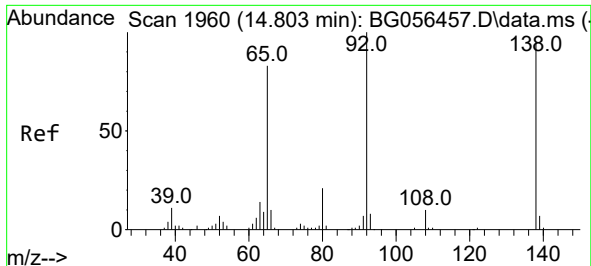
Tgt Ion:165 Resp: 6871
Ion Ratio Lower Upper
165 100
63 31.1 26.9 40.3
89 39.6 35.6 53.4



#52
Acenaphthene
Concen: 4.708 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

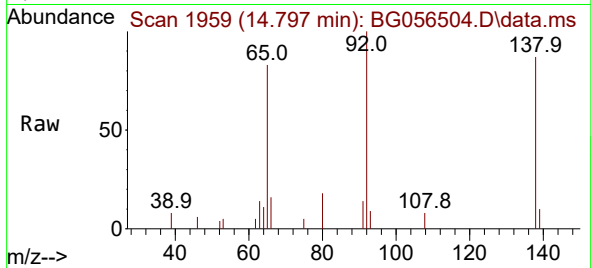
Tgt Ion:154 Resp: 21644
Ion Ratio Lower Upper
154 100
153 114.1 93.4 140.0
152 57.0 43.4 65.2



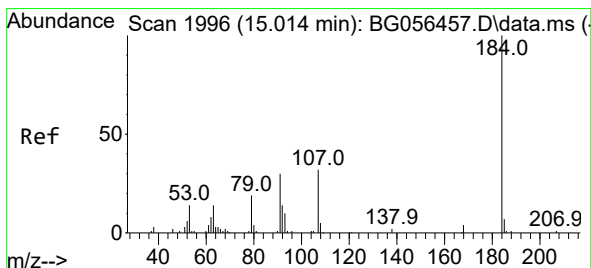
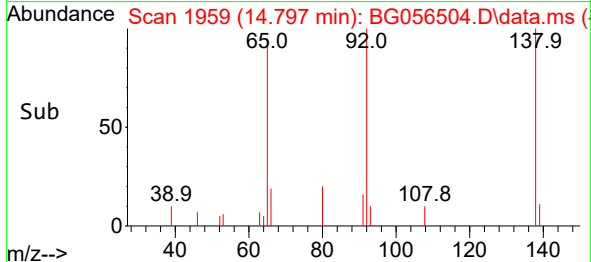
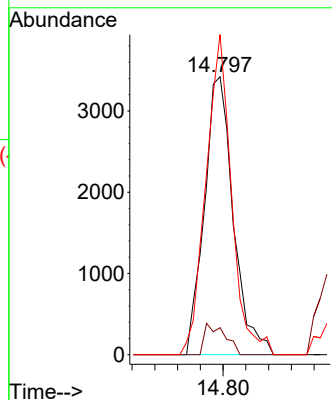


#53
3-Nitroaniline
Concen: 4.210 ng
RT: 14.797 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

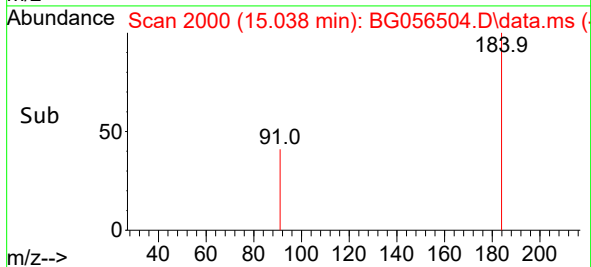
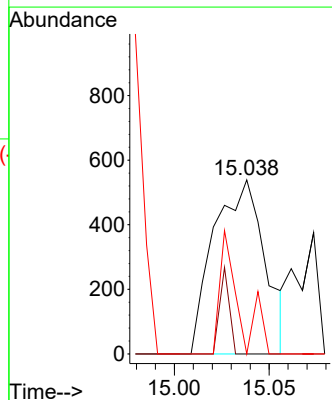
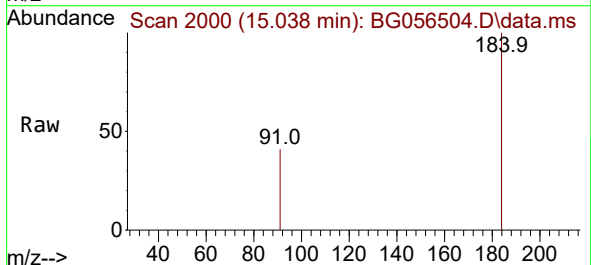


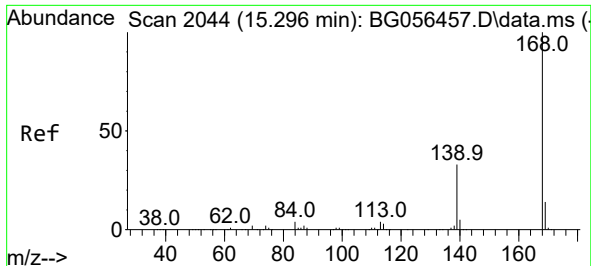
Tgt Ion:138 Resp: 6052
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 115.1 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 1.090 ng
RT: 15.038 min Scan# 2000
Delta R.T. 0.029 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:184 Resp: 1013
Ion Ratio Lower Upper
184 100
63 0.0 25.1 37.7#
154 0.0 44.8 67.2#

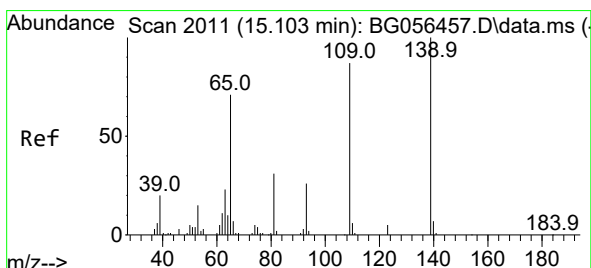
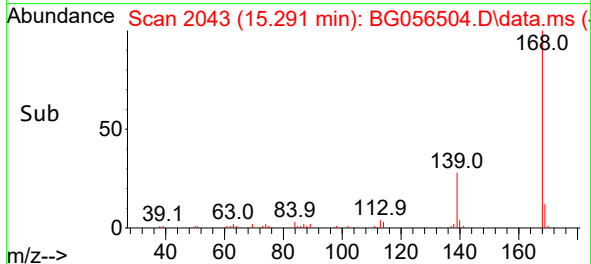
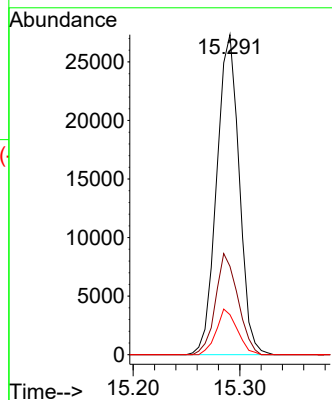
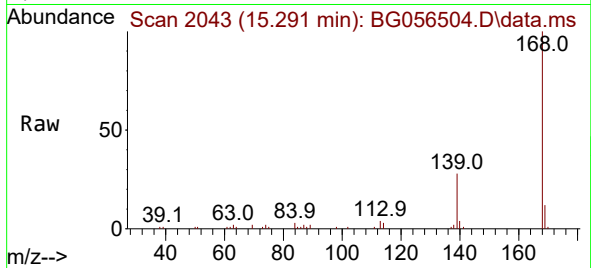




#55
Dibenzofuran
Concen: 4.850 ng
RT: 15.291 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

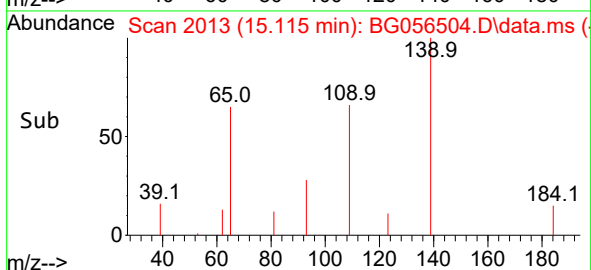
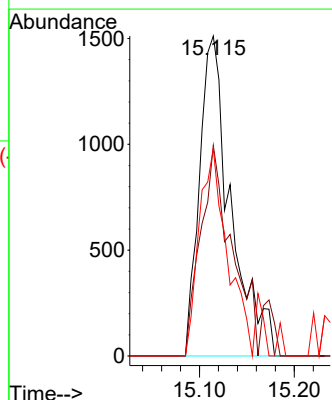
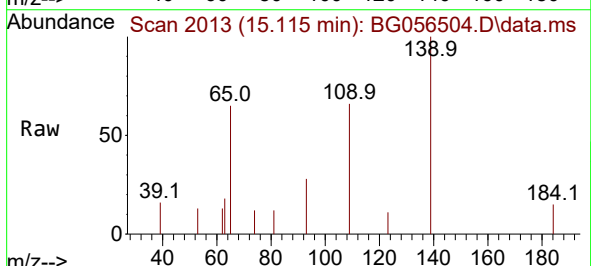
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

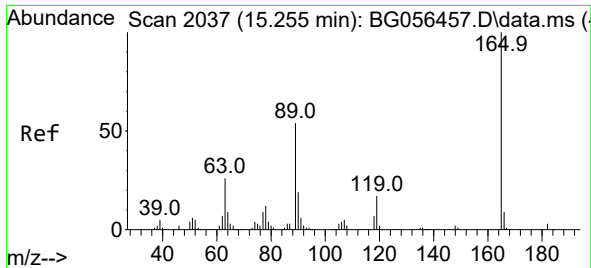
Tgt Ion:168 Resp: 39990
Ion Ratio Lower Upper
168 100
139 27.6 26.2 39.2
169 12.5 11.0 16.6



#56
4-Nitrophenol
Concen: 3.549 ng
RT: 15.115 min Scan# 2013
Delta R.T. 0.018 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:139 Resp: 3486
Ion Ratio Lower Upper
139 100
109 65.8 67.5 107.5#
65 64.9 50.7 90.7





#57

2,4-Dinitrotoluene

Concen: 4.537 ng

RT: 15.250 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:165 Resp: 9477

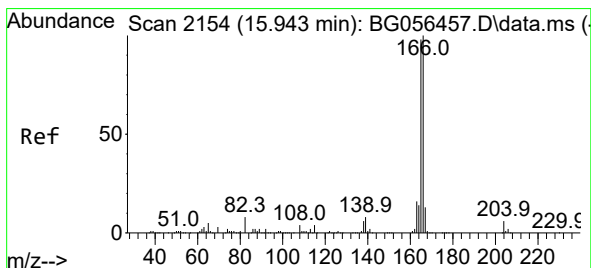
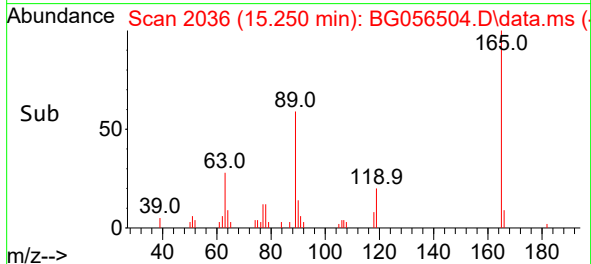
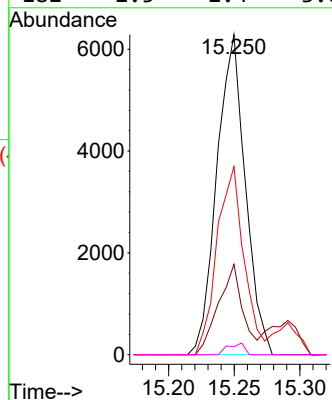
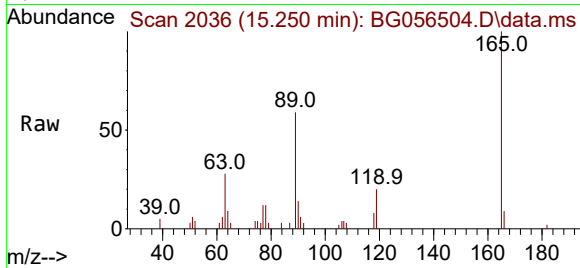
Ion Ratio Lower Upper

165 100

63 28.2 20.6 31.0

89 58.7 43.1 64.7

182 2.5 2.4 3.6



#58

Fluorene

Concen: 4.893 ng

RT: 15.937 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

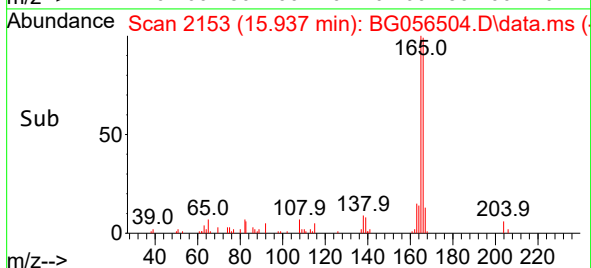
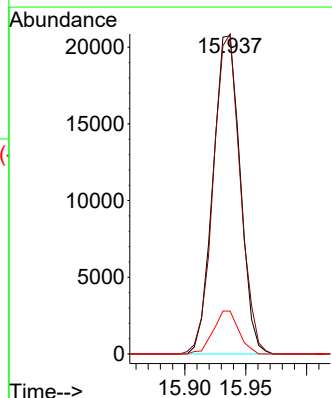
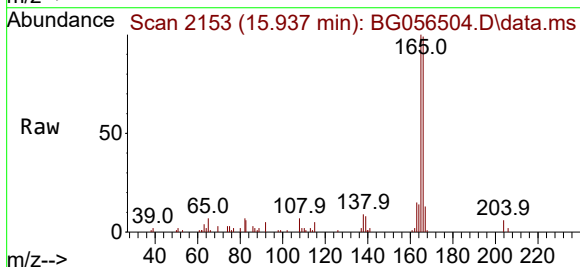
Tgt Ion:166 Resp: 32099

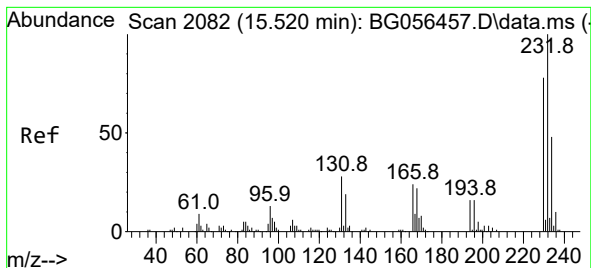
Ion Ratio Lower Upper

166 100

165 100.5 78.8 118.2

167 13.5 10.6 15.8

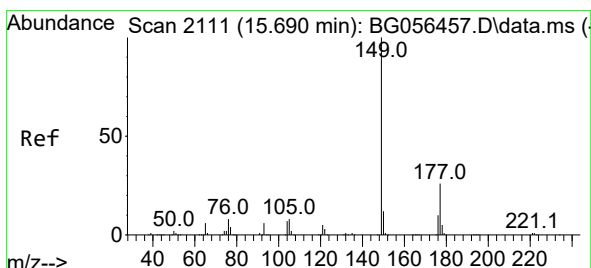
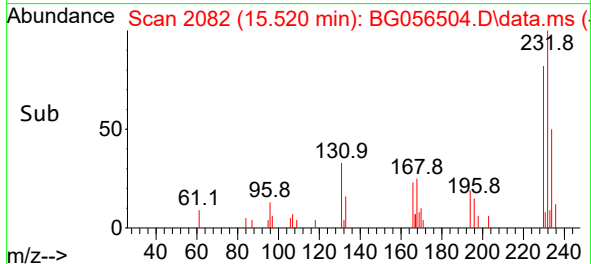
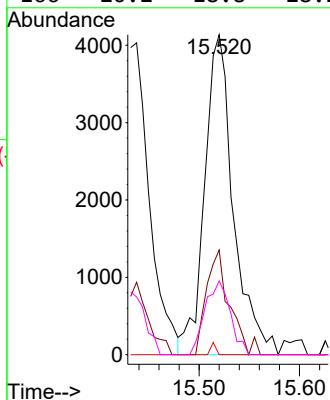
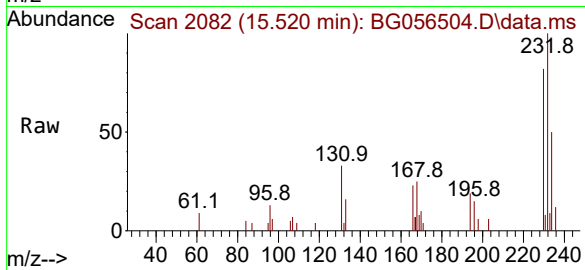




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.999 ng
RT: 15.520 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

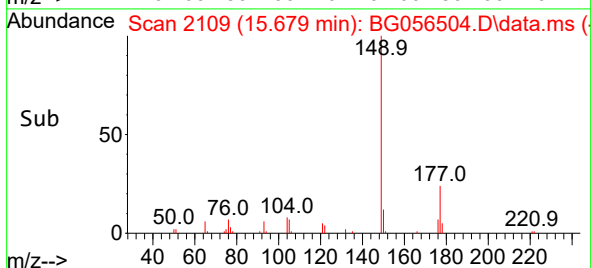
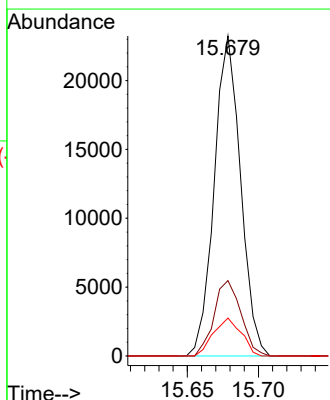
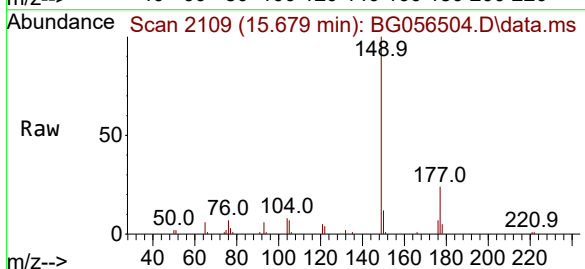
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

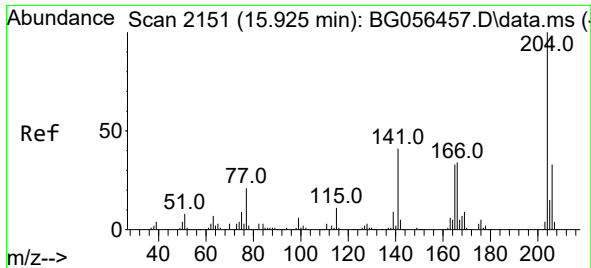
Tgt Ion:232 Resp: 8238
Ion Ratio Lower Upper
232 100
131 26.4 22.8 34.2
130 0.7 1.4 2.0#
166 20.2 18.8 28.2



#60
Diethylphthalate
Concen: 4.683 ng
RT: 15.679 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:149 Resp: 29904
Ion Ratio Lower Upper
149 100
177 23.6 21.0 31.4
150 11.8 9.9 14.9

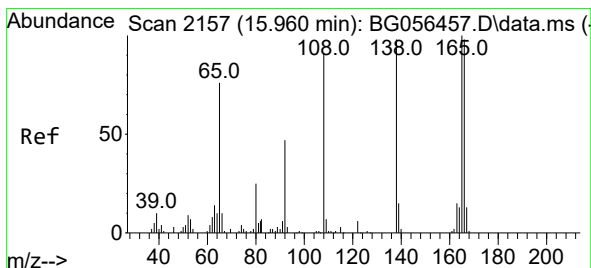
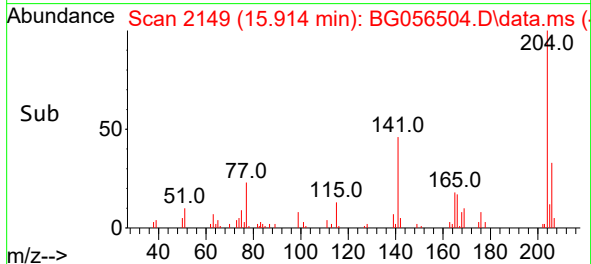
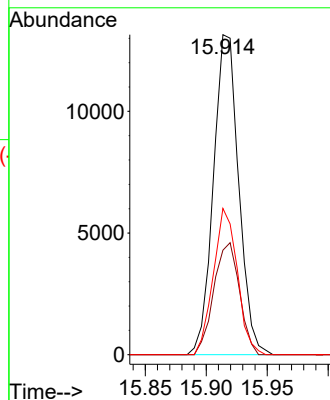
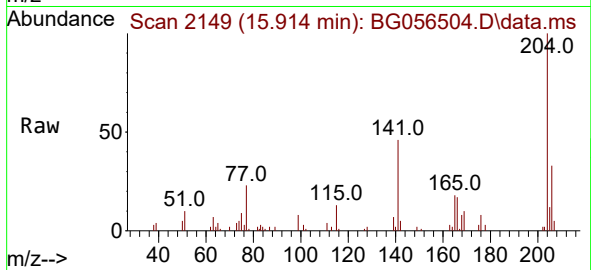




#61
4-Chlorophenyl-phenylether
Concen: 4.743 ng
RT: 15.914 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

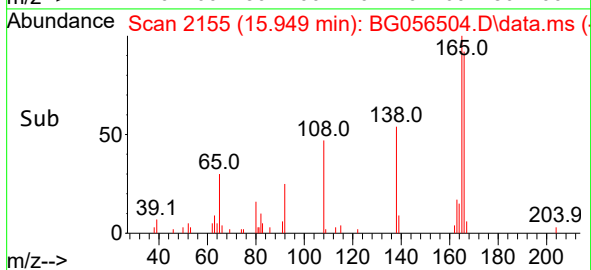
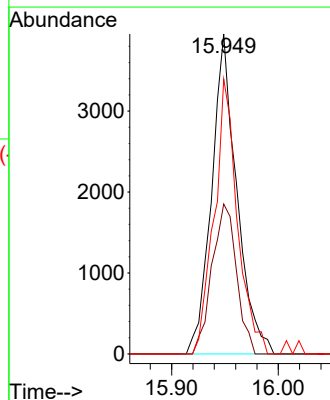
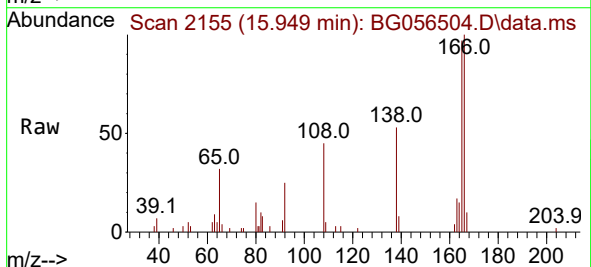
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

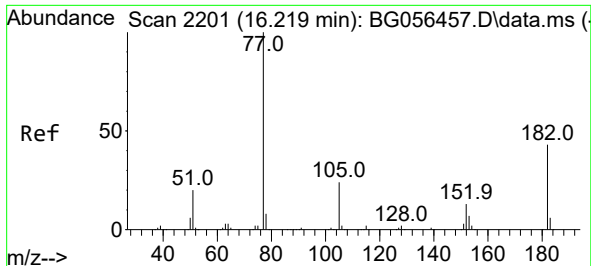
Tgt Ion:204 Resp: 18989
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 45.7 32.7 49.1



#62
4-Nitroaniline
Concen: 4.501 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:138 Resp: 6475
Ion Ratio Lower Upper
138 100
92 46.8 27.8 67.8
108 85.9 72.6 112.6

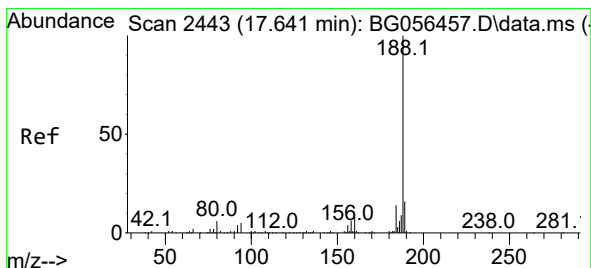
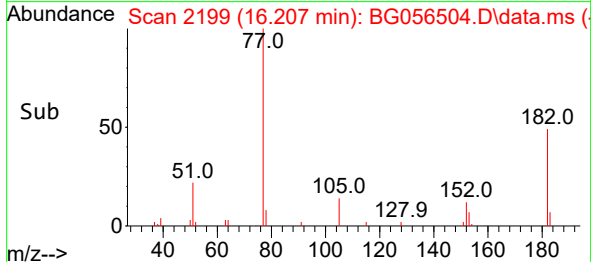
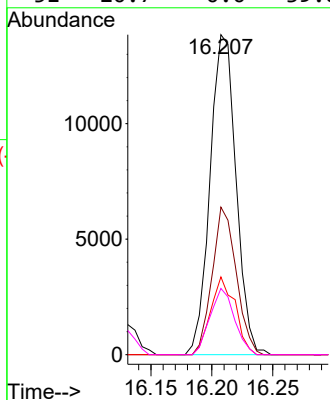
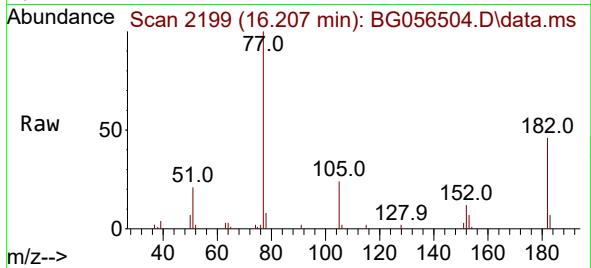




#63
Azobenzene
Concen: 4.679 ng
RT: 16.207 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

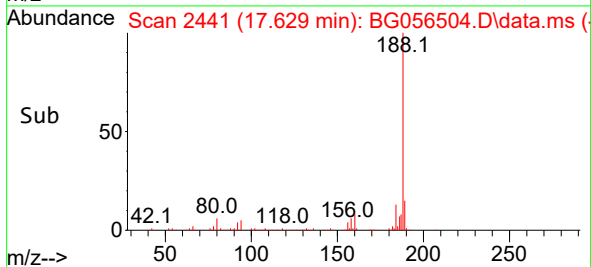
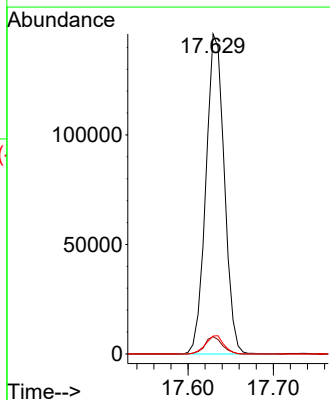
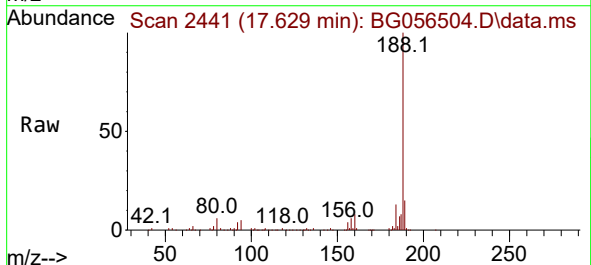
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

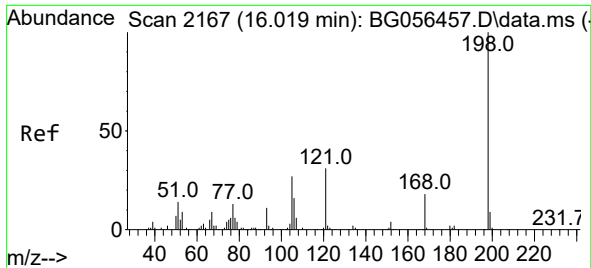
Tgt Ion: 77	Resp: 20560
Ion Ratio	Lower Upper
77 100	
182 46.1	23.1 63.1
105 24.3	4.2 44.2
51 20.7	0.0 39.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.629 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 188	Resp: 218915
Ion Ratio	Lower Upper
188 100	
94 5.4	4.1 6.1
80 5.6	5.0 7.4

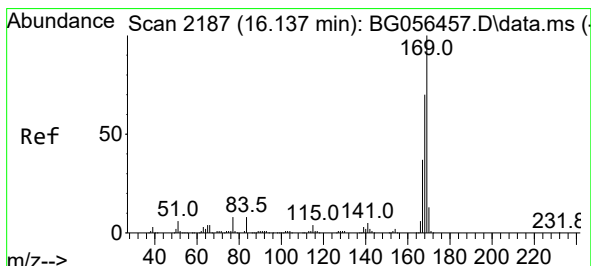
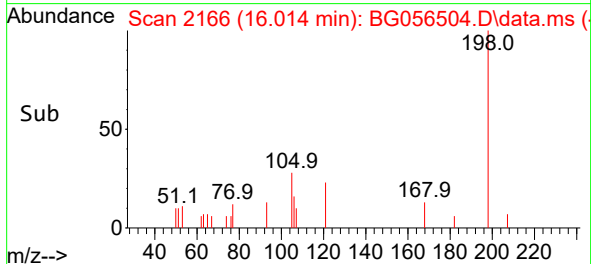
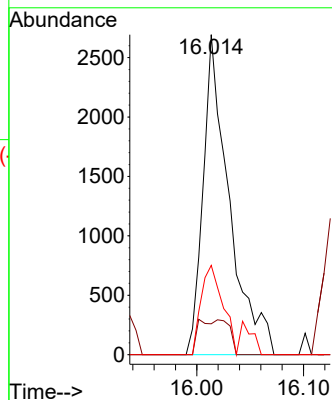
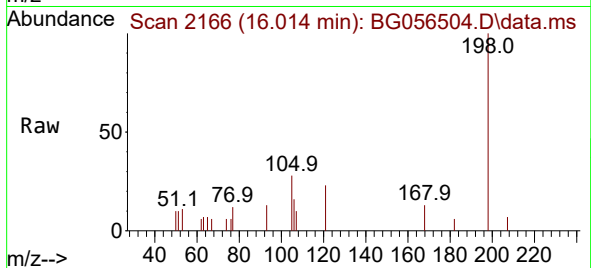




#65
4,6-Dinitro-2-methylphenol
Concen: 2.970 ng
RT: 16.014 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

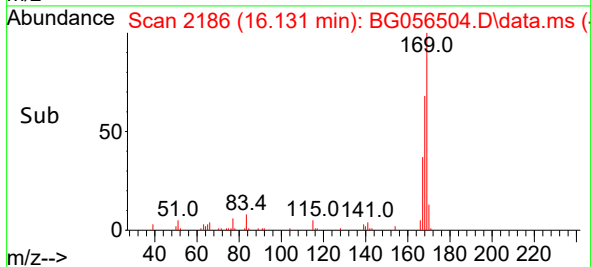
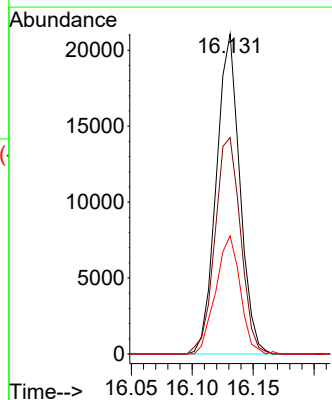
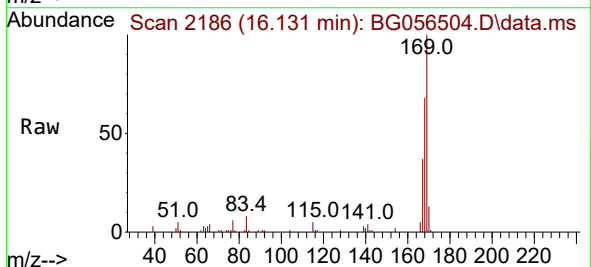
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

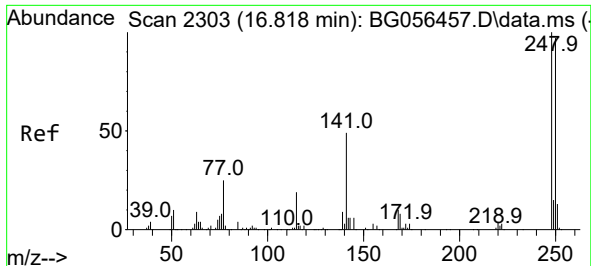
Tgt Ion:198 Resp: 4571
Ion Ratio Lower Upper
198 100
51 9.7 0.0 35.0
105 27.9 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 4.567 ng
RT: 16.131 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:169 Resp: 28305
Ion Ratio Lower Upper
169 100
168 67.6 55.8 83.6
167 36.9 29.8 44.8

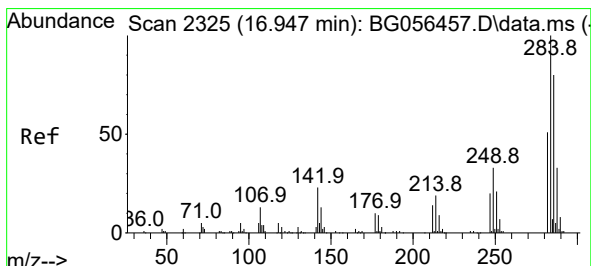
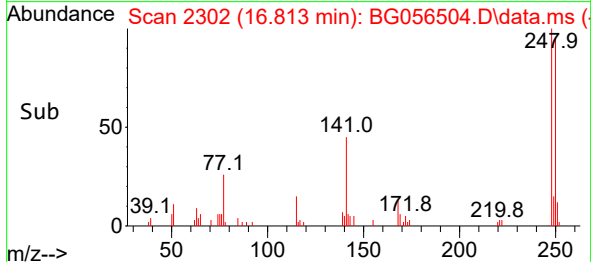
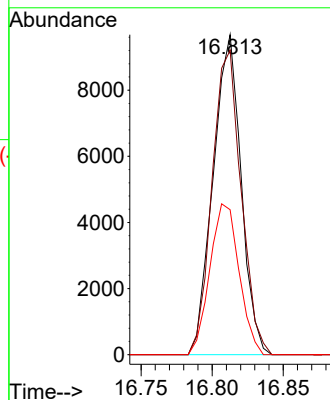
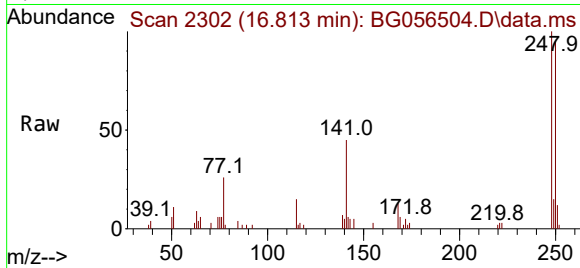




#67
4-Bromophenyl-phenylether
Concen: 4.717 ng
RT: 16.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

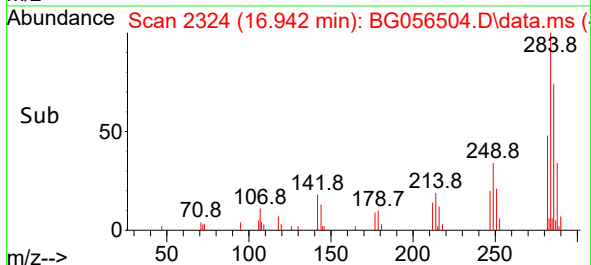
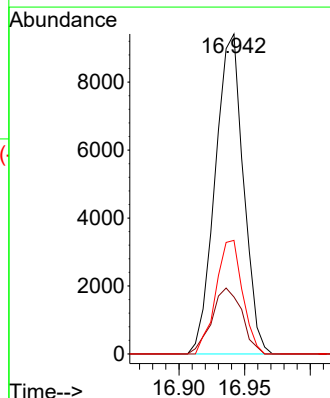
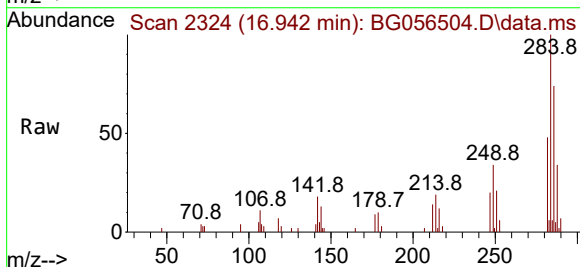
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

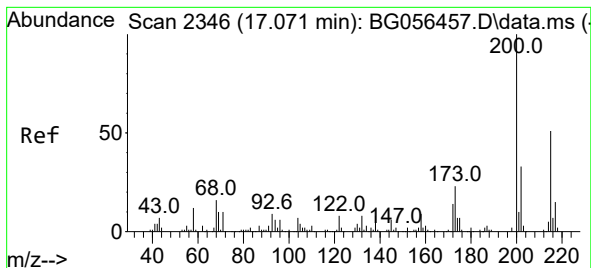
Tgt Ion:248 Resp: 13220
Ion Ratio Lower Upper
248 100
250 95.2 77.6 116.4
141 45.3 39.0 58.4



#68
Hexachlorobenzene
Concen: 5.131 ng
RT: 16.942 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:284 Resp: 14083
Ion Ratio Lower Upper
284 100
142 17.8 18.0 27.0#
249 35.5 26.7 40.1





#69

Atrazine

Concen: 5.335 ng

RT: 17.059 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

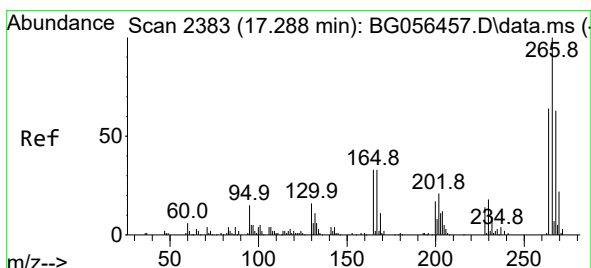
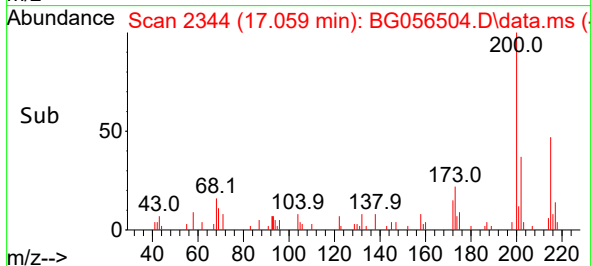
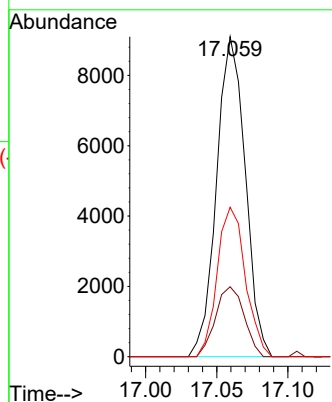
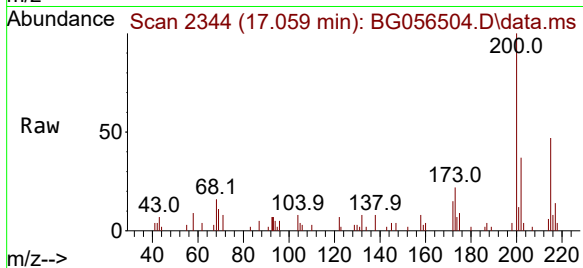
Tgt Ion:200 Resp: 12757

Ion Ratio Lower Upper

200 100

173 21.8 3.2 43.2

215 46.7 30.7 70.7



#70

Pentachlorophenol

Concen: 1.838 ng

RT: 17.300 min Scan# 2385

Delta R.T. 0.018 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

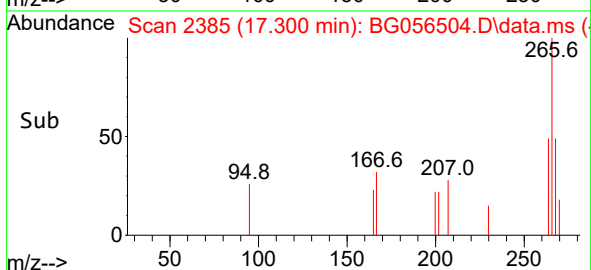
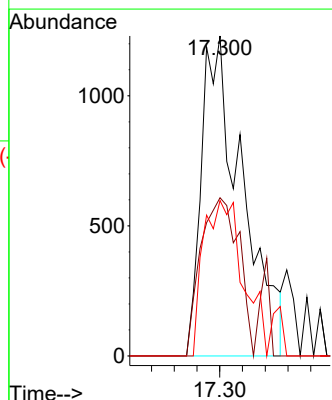
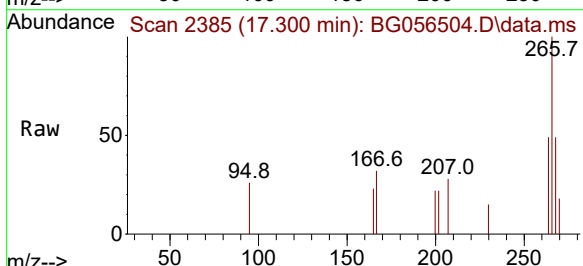
Tgt Ion:266 Resp: 3053

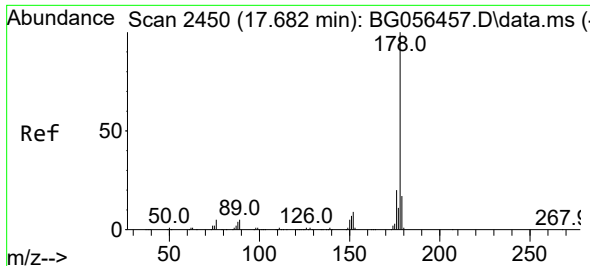
Ion Ratio Lower Upper

266 100

268 49.4 50.2 75.4#

264 48.5 51.4 77.0#

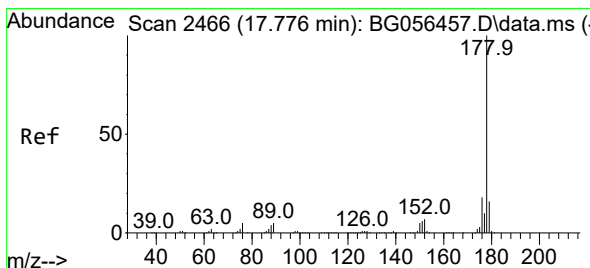
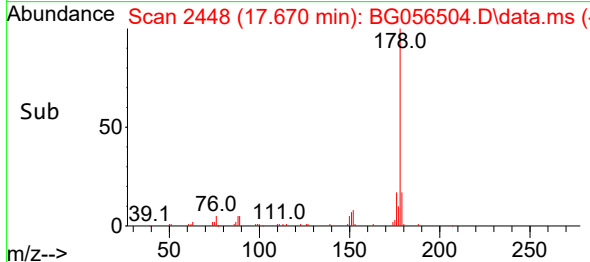
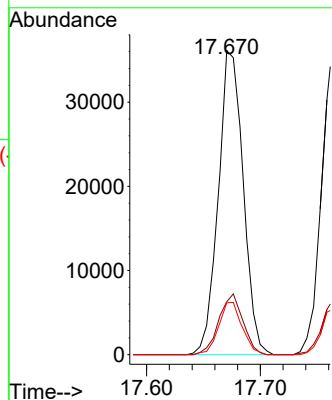
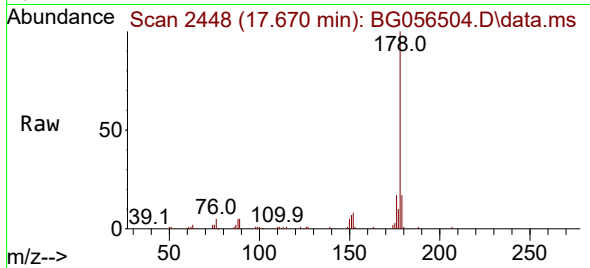




#71
Phenanthrene
Concen: 4.805 ng
RT: 17.670 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

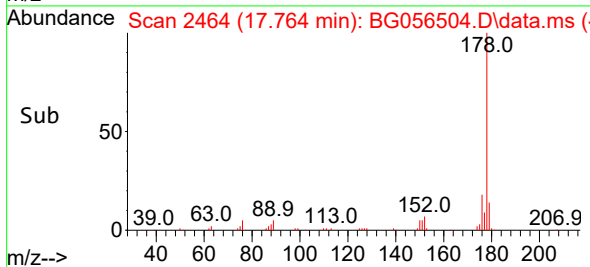
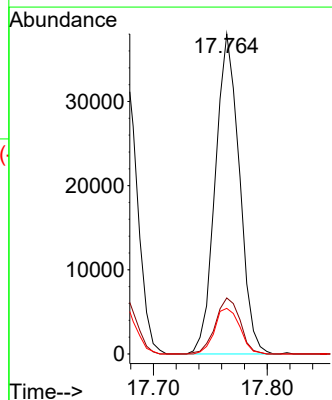
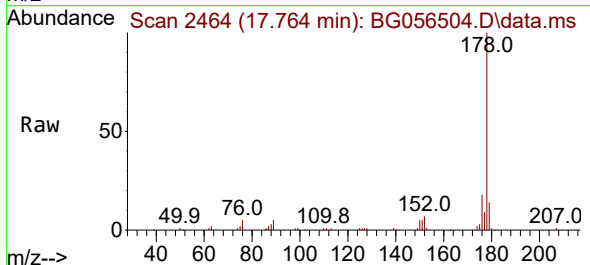
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

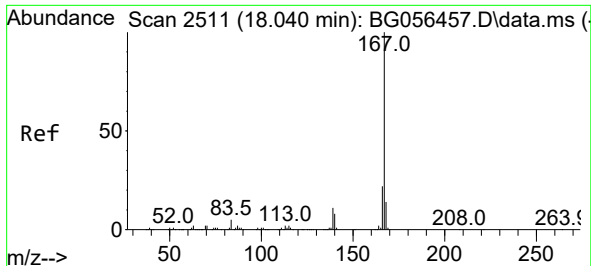
Tgt Ion:178 Resp: 55052
Ion Ratio Lower Upper
178 100
176 17.4 15.6 23.4
179 17.0 13.3 19.9



#72
Anthracene
Concen: 4.752 ng
RT: 17.764 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:178 Resp: 55891
Ion Ratio Lower Upper
178 100
176 17.5 14.5 21.7
179 14.3 12.5 18.7

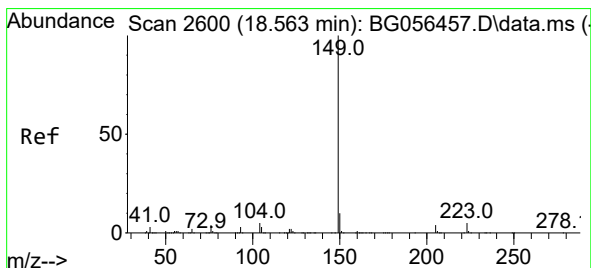
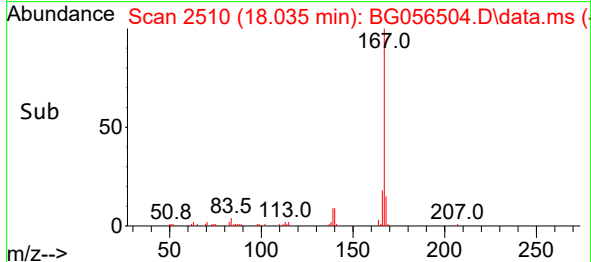
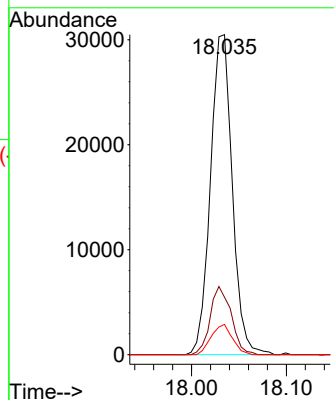
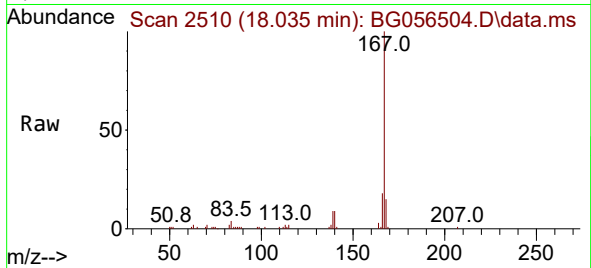




#73
 Carbazole
 Concen: 4.869 ng
 RT: 18.035 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

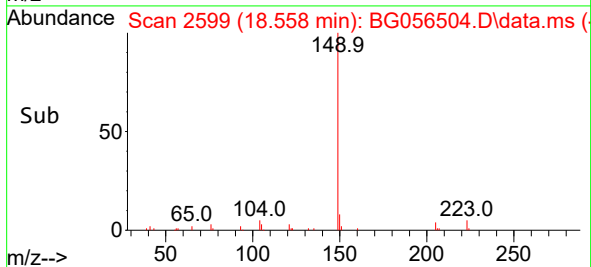
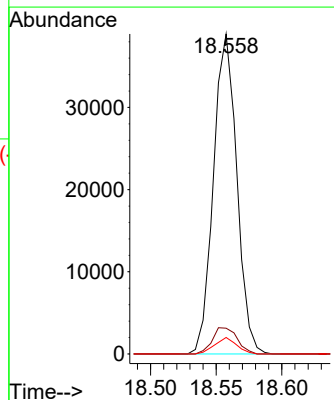
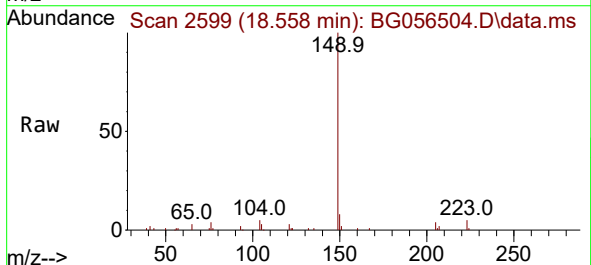
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022

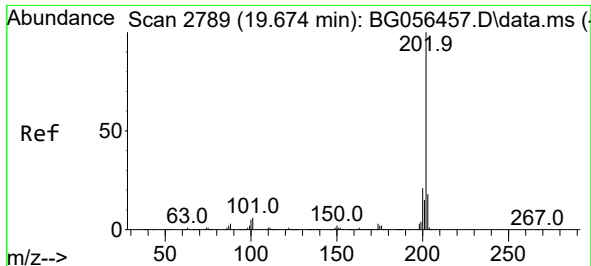
Tgt Ion:167 Resp: 48772
 Ion Ratio Lower Upper
 167 100
 166 17.9 17.8 26.6
 139 9.5 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 4.575 ng
 RT: 18.558 min Scan# 2599
 Delta R.T. -0.006 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

Tgt Ion:149 Resp: 48124
 Ion Ratio Lower Upper
 149 100
 150 8.1 7.8 11.6
 104 5.1 4.0 6.0

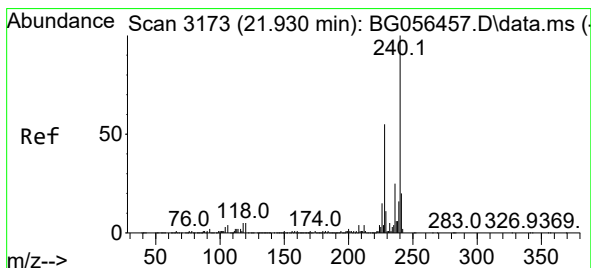
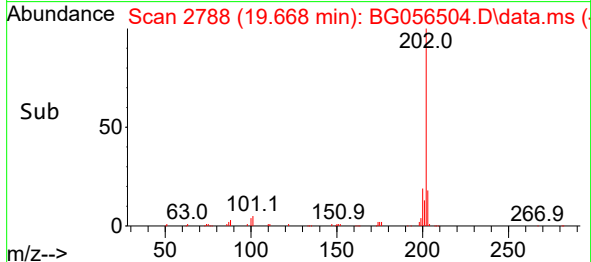
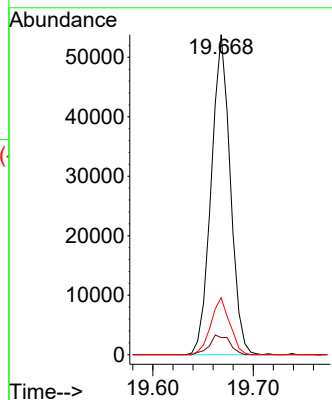
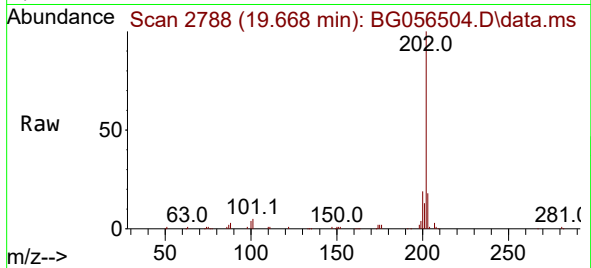




#75
Fluoranthene
Concen: 4.918 ng
RT: 19.668 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

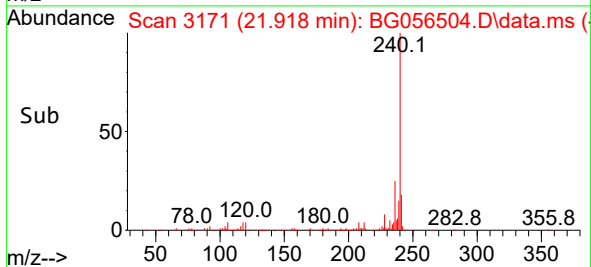
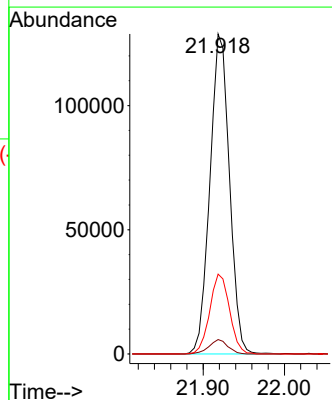
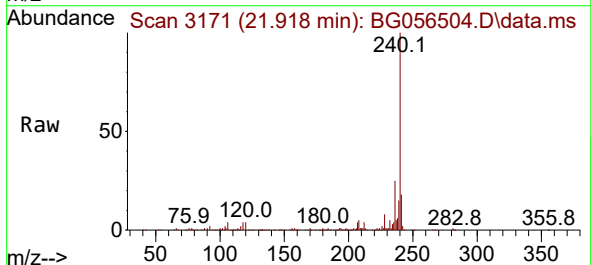
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

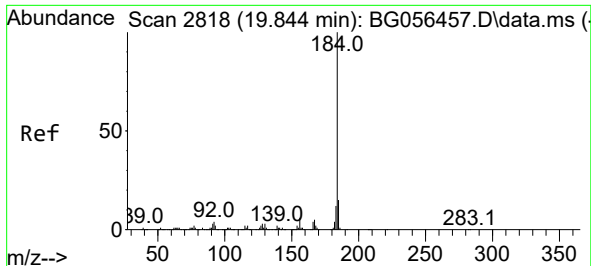
Tgt Ion:202 Resp: 71116
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.6
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:240 Resp: 215076
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 24.9 20.2 30.2

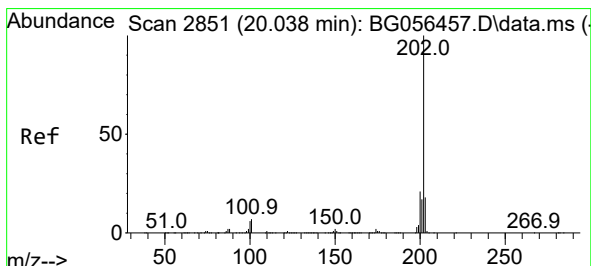
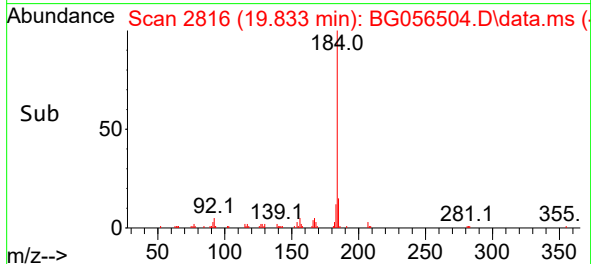
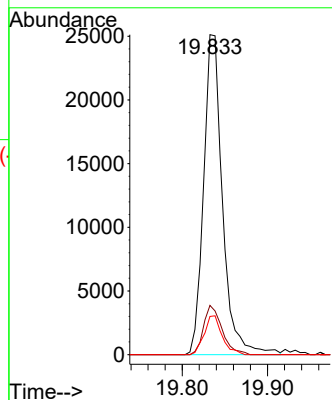
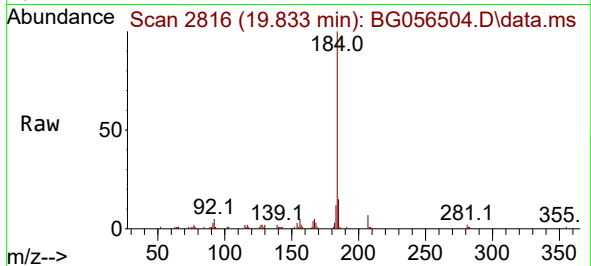




#77
Benzidine
Concen: 6.645 ng
RT: 19.833 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

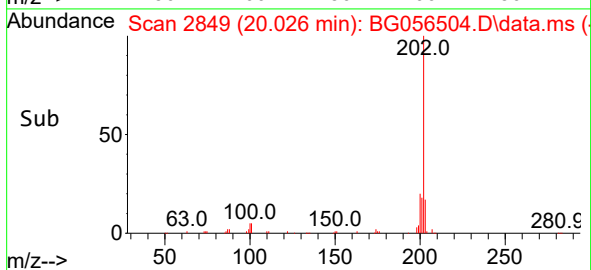
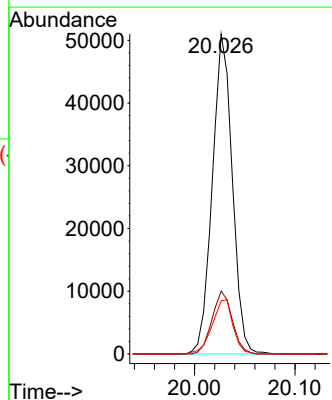
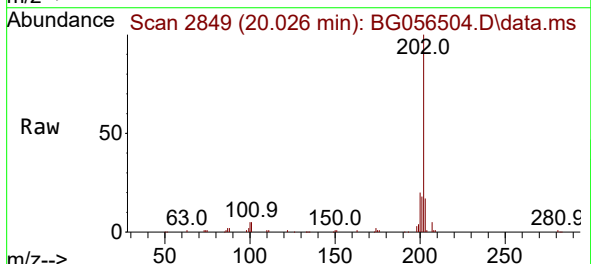
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022

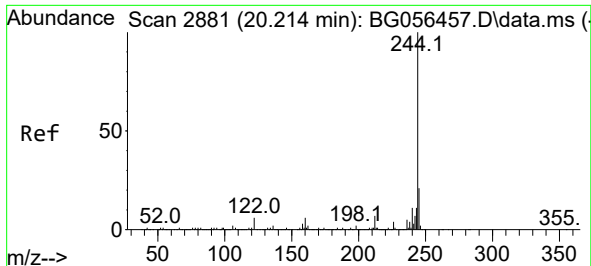
Tgt Ion:184 Resp: 38676
Ion Ratio Lower Upper
184 100
185 15.4 12.3 18.5
183 12.0 9.8 14.8



#78
Pyrene
Concen: 4.611 ng
RT: 20.026 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:202 Resp: 70534
Ion Ratio Lower Upper
202 100
200 19.7 16.7 25.1
203 16.6 14.4 21.6

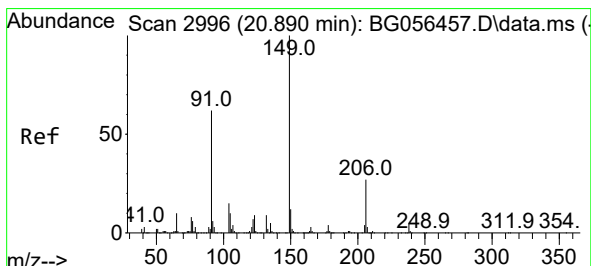
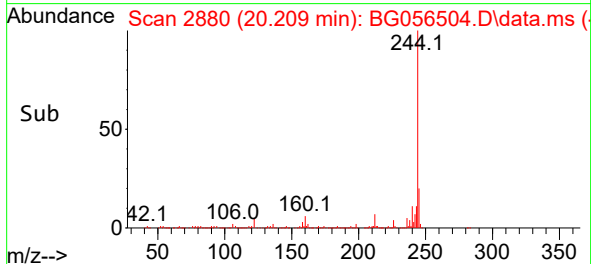
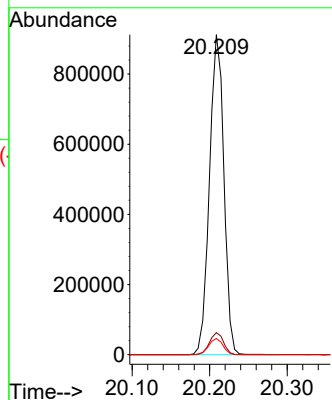
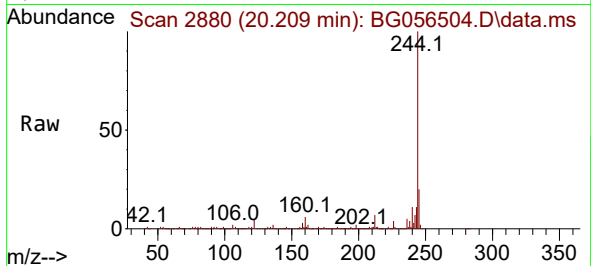




#79
 Terphenyl-d14
 Concen: 96.057 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

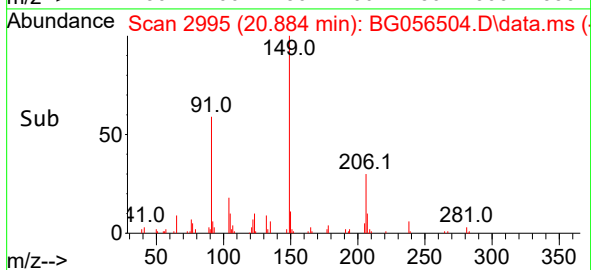
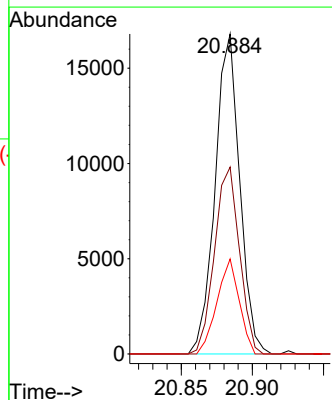
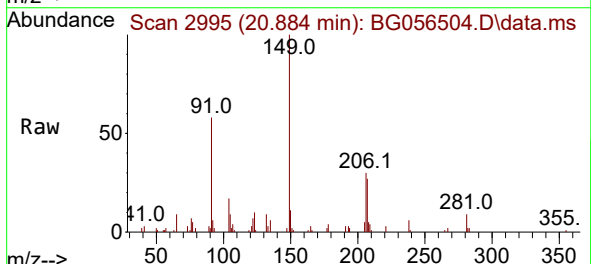
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022

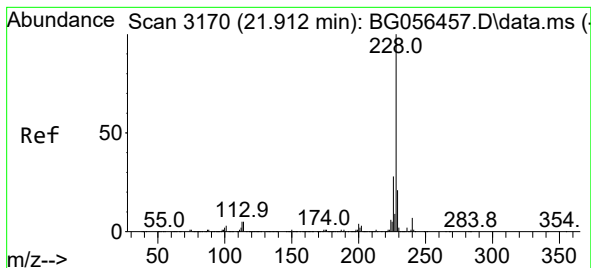
Tgt Ion:244 Resp: 1176265
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.0 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 4.324 ng
 RT: 20.884 min Scan# 2995
 Delta R.T. 0.000 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

Tgt Ion:149 Resp: 20198
 Ion Ratio Lower Upper
 149 100
 91 58.4 49.4 74.0
 206 29.7 22.0 33.0





#81

Benzo(a)anthracene

Concen: 4.743 ng

RT: 21.901 min Scan# 3168

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

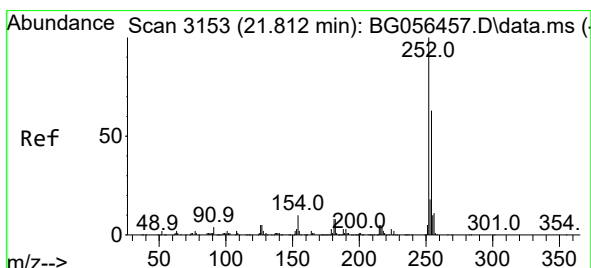
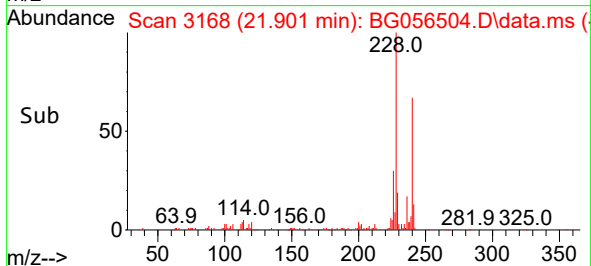
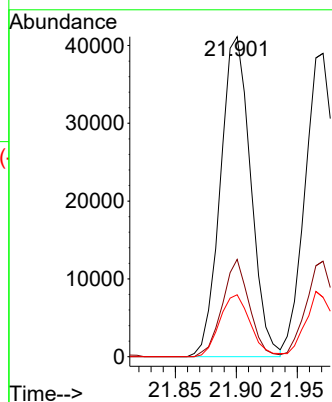
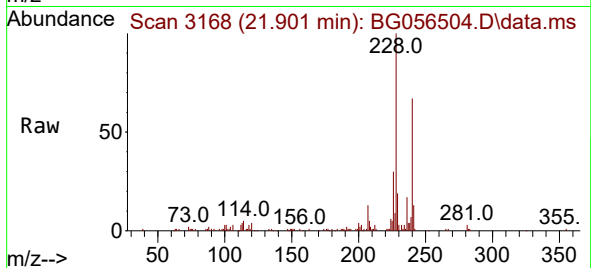
Tgt Ion:228 Resp: 71318

Ion Ratio Lower Upper

228 100

226 30.4 22.4 33.6

229 19.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 5.268 ng

RT: 21.801 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

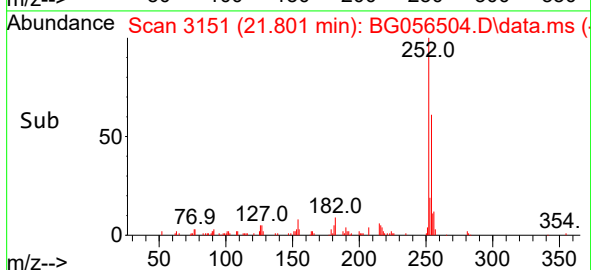
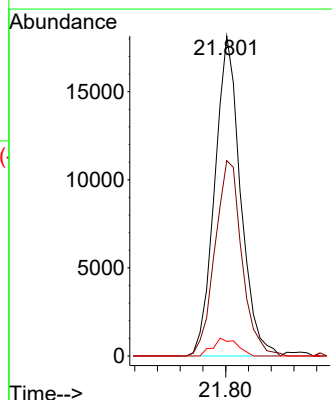
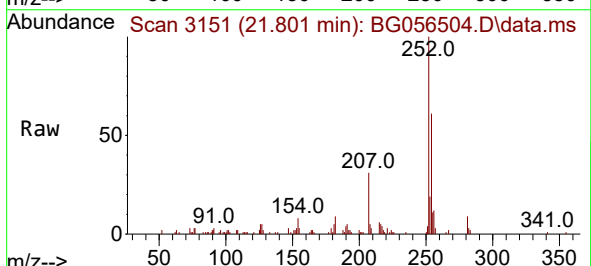
Tgt Ion:252 Resp: 28525

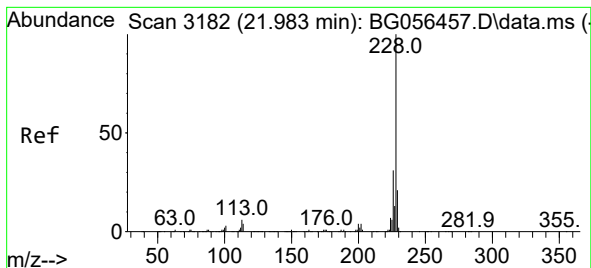
Ion Ratio Lower Upper

252 100

254 61.1 50.0 75.0

126 4.6 4.3 6.5





#83

Chrysene

Concen: 4.790 ng

RT: 21.971 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

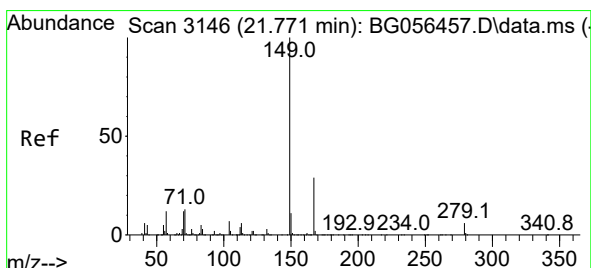
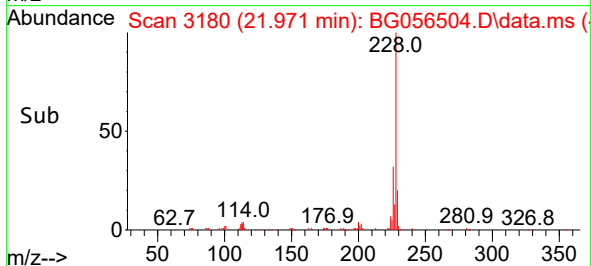
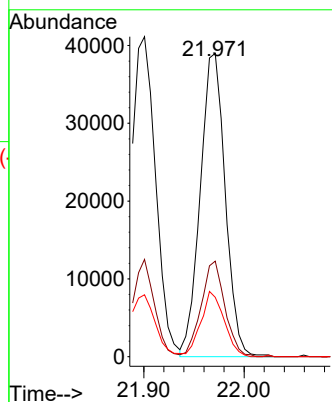
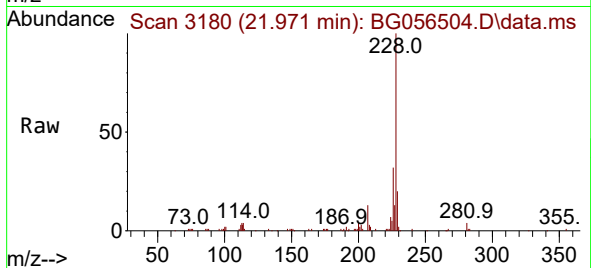
Tgt Ion:228 Resp: 67668

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.4

229 19.6 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.275 ng

RT: 21.760 min Scan# 3144

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

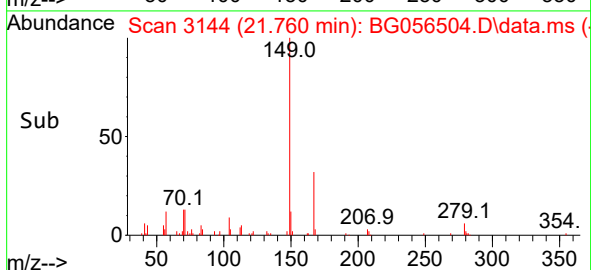
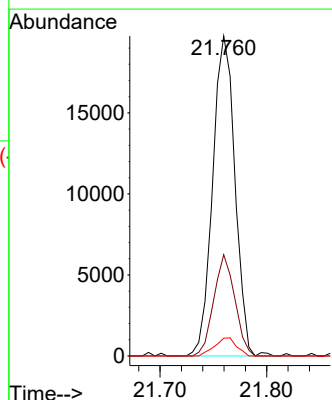
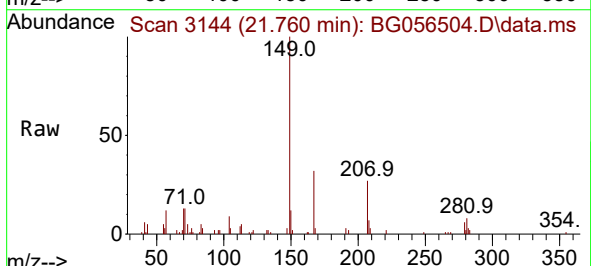
Tgt Ion:149 Resp: 28631

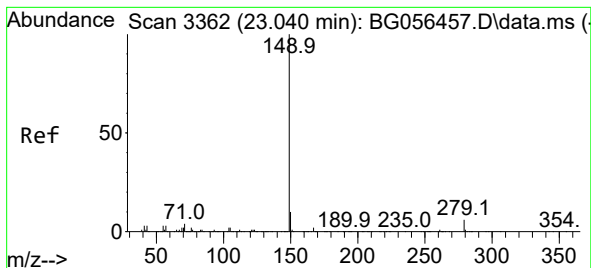
Ion Ratio Lower Upper

149 100

167 31.6 23.4 35.2

279 5.6 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 4.415 ng

RT: 23.029 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

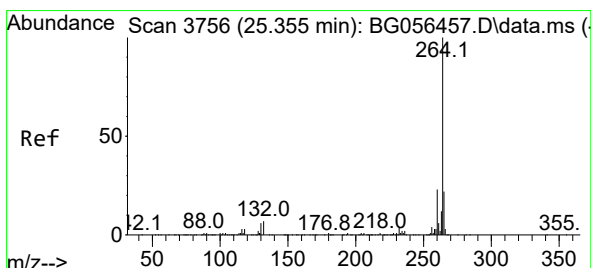
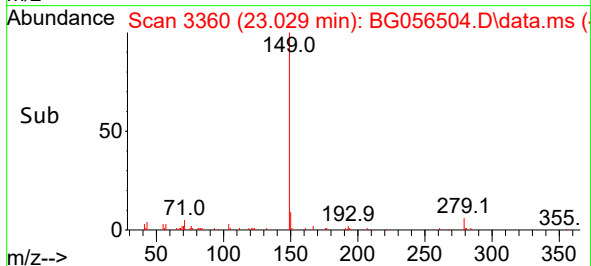
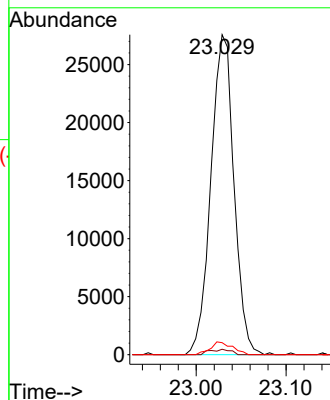
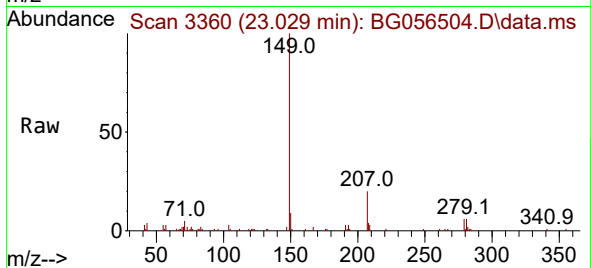
Tgt Ion:149 Resp: 49251

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 3.8 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.344 min Scan# 3754

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

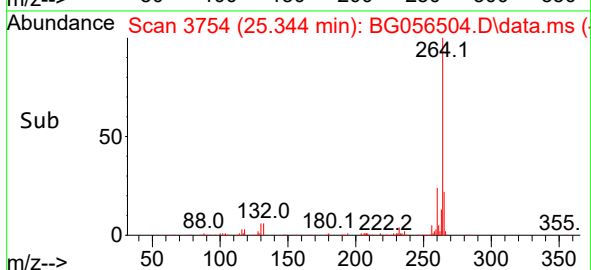
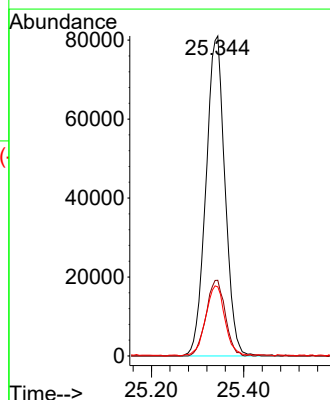
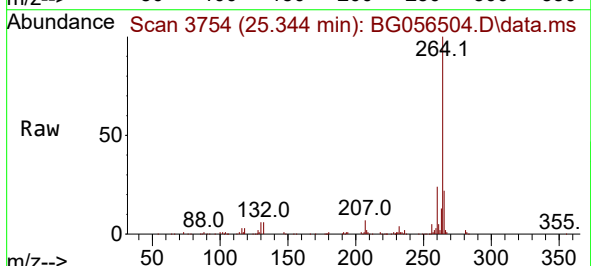
Tgt Ion:264 Resp: 232885

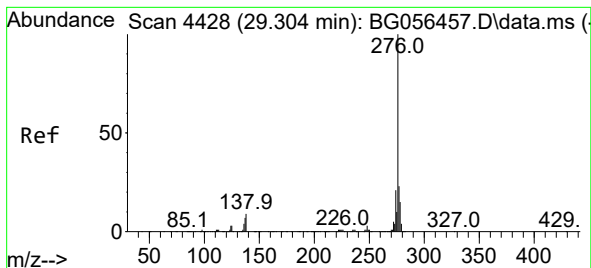
Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.570 ng

RT: 29.263 min Scan# 4428

Delta R.T. -0.018 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

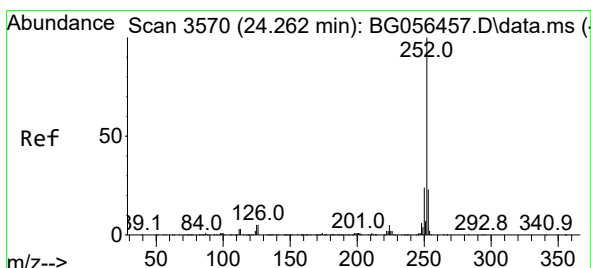
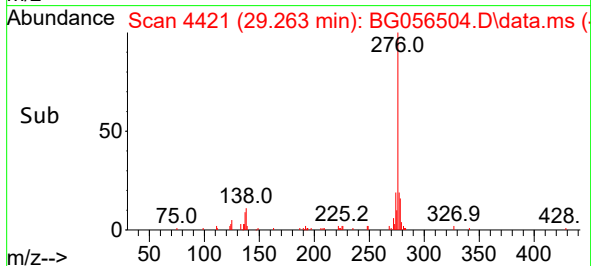
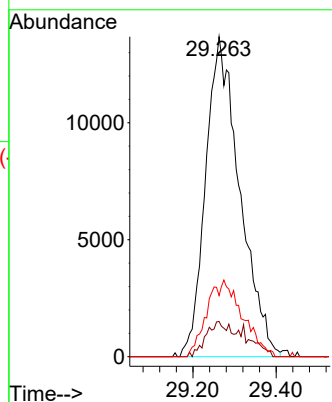
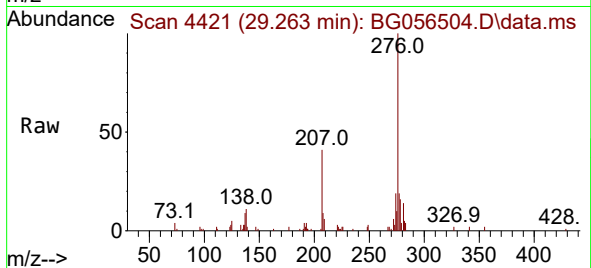
Tgt Ion:276 Resp: 77910

Ion Ratio Lower Upper

276 100

138 7.7 9.4 14.2#

277 9.6 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 5.029 ng

RT: 24.239 min Scan# 3566

Delta R.T. -0.012 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

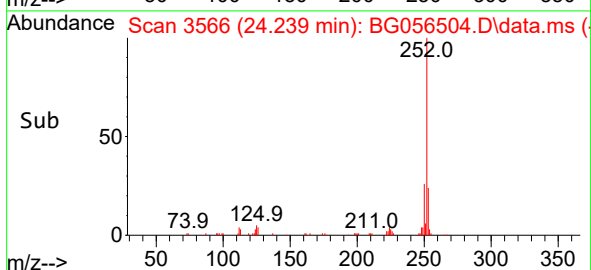
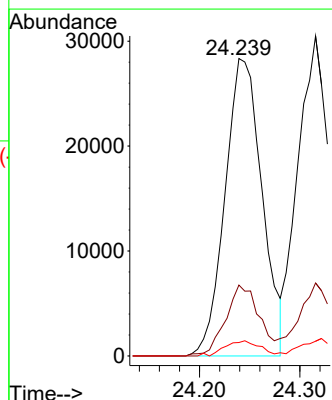
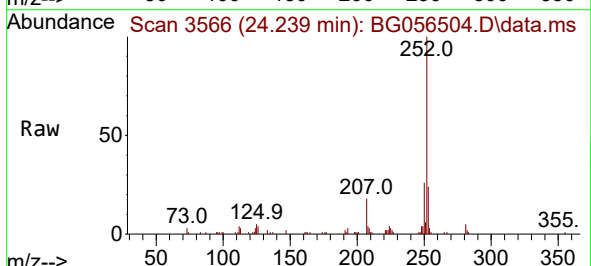
Tgt Ion:252 Resp: 72688

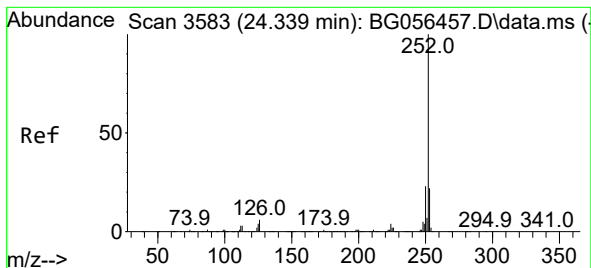
Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

125 4.5 3.9 5.9





#89

Benzo(k)fluoranthene

Concen: 4.910 ng

RT: 24.316 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

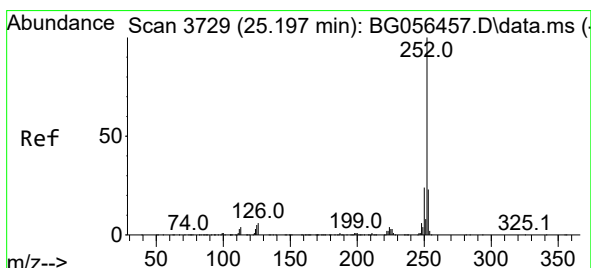
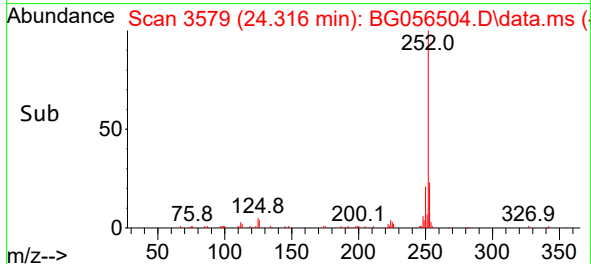
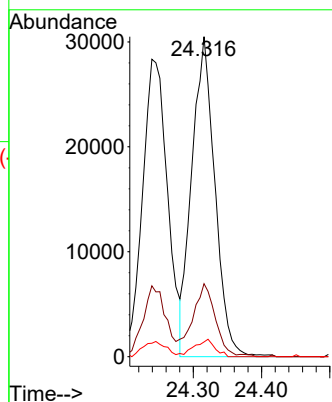
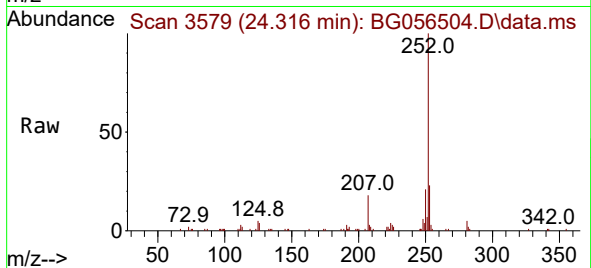
Tgt Ion:252 Resp: 71662

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 4.6 3.4 5.0



#90

Benzo(a)pyrene

Concen: 4.572 ng

RT: 25.173 min Scan# 3725

Delta R.T. -0.012 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

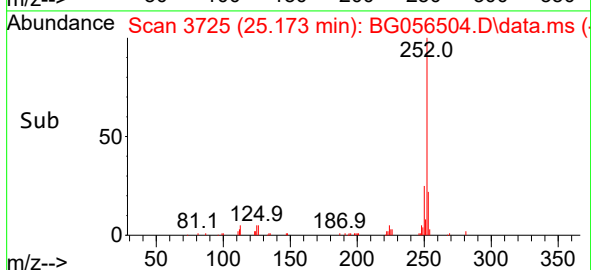
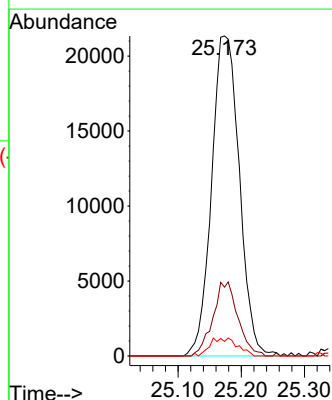
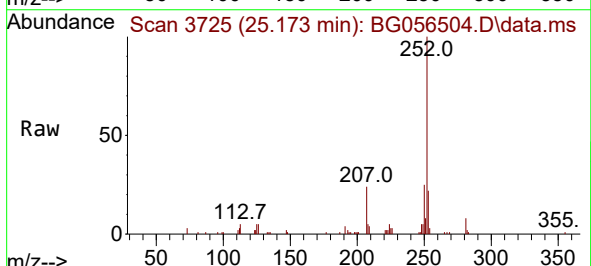
Tgt Ion:252 Resp: 65097

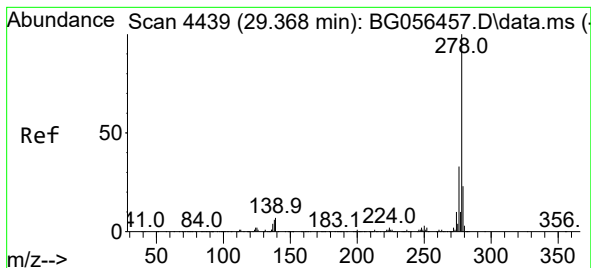
Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

125 4.6 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 4.851 ng

RT: 29.321 min Scan# 4431

Delta R.T. -0.023 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

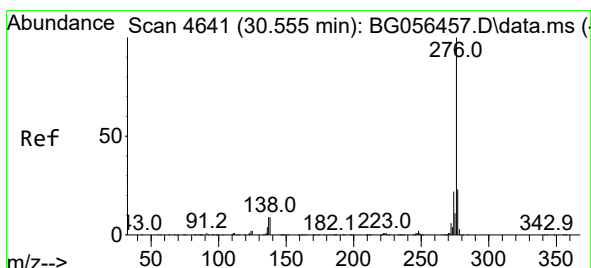
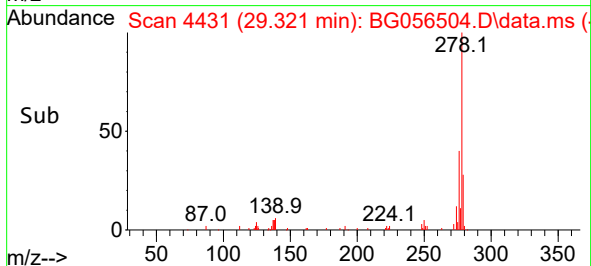
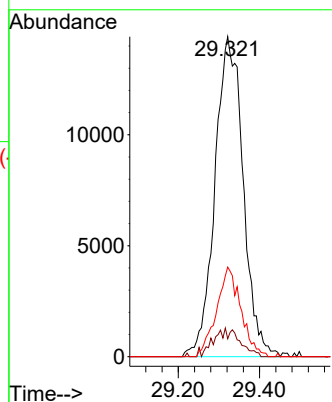
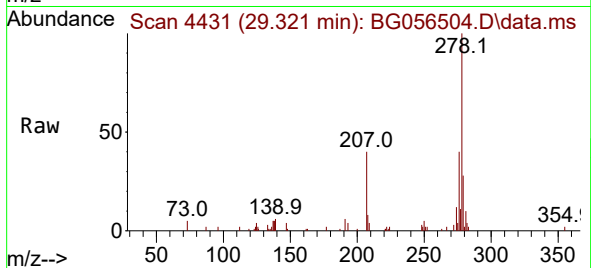
Tgt Ion:278 Resp: 69420

Ion Ratio Lower Upper

278 100

139 5.6 5.5 8.3

279 28.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 4.902 ng

RT: 30.502 min Scan# 4632

Delta R.T. -0.023 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Tgt Ion:276 Resp: 67681

Ion Ratio Lower Upper

276 100

277 22.4 18.5 27.7

138 9.7 7.4 11.0

