

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056489.D
 Acq On : 31 Jan 2023 17:34
 Operator : CG/JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Feb 01 01:24:30 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	38591	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	141289	20.000	ng	# 0.00
39) Acenaphthene-d10	14.898	164	114940	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	291460	20.000	ng	0.00
76) Chrysene-d12	21.925	240	279690	20.000	ng	# 0.00
86) Perylene-d12	25.344	264	296853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	222489	106.057	ng	0.00
7) Phenol-d6	7.418	99	316447	101.808	ng	0.00
23) Nitrobenzene-d5	9.451	82	180161	72.408	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	171437	112.193	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	625934	75.501	ng	0.00
79) Terphenyl-d14	20.209	244	1167086	73.289	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.599	88	3032	3.471	ng	96
3) Pyridine	4.034	79	7953	3.054	ng	97
4) n-Nitrosodimethylamine	3.928	42	1888	3.410	ng	# 80
6) Aniline	7.589	93	13344	3.279	ng	97
8) 2-Chlorophenol	7.841	128	9901	4.296	ng	99
9) Benzaldehyde	7.407	77	7455	3.721	ng	89
10) Phenol	7.442	94	12298	3.893	ng	87
11) bis(2-Chloroethyl)ether	7.683	93	7928	3.651	ng	92
12) 1,3-Dichlorobenzene	8.170	146	9724	3.665	ng	92
13) 1,4-Dichlorobenzene	8.317	146	10854	4.039	ng	94
14) 1,2-Dichlorobenzene	8.640	146	9844	3.776	ng	98
15) Benzyl Alcohol	8.511	79	6615	3.102	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.799	45	1474	3.204	ng	85
17) 2-Methylphenol	8.717	107	7480	3.112	ng	96
18) Hexachloroethane	9.369	117	3339	4.108	ng	# 89
19) n-Nitroso-di-n-propyla...	9.075	70	6469	3.611	ng	95
20) 3+4-Methylphenols	9.046	107	10118	3.004	ng	93
22) Acetophenone	9.105	105	13867	3.694	ng	# 91
24) Nitrobenzene	9.498	77	8857	3.690	ng	93
25) Isophorone	10.009	82	18334	3.572	ng	98
26) 2-Nitrophenol	10.215	139	5469	3.756	ng	# 92
27) 2,4-Dimethylphenol	10.256	122	7873	3.231	ng	92
28) bis(2-Chloroethoxy)met...	10.491	93	10641	3.753	ng	92
29) 2,4-Dichlorophenol	10.756	162	10071	3.671	ng	94
30) 1,2,4-Trichlorobenzene	10.961	180	11907	3.906	ng	98
31) Naphthalene	11.161	128	29104	3.903	ng	98
32) Benzoic acid	10.415	122	771	0.565	ng	# 63
33) 4-Chloroaniline	11.267	127	12112	3.479	ng	96
34) Hexachlorobutadiene	11.437	225	8868	4.144	ng	97
35) Caprolactam	12.001	113	2948	3.187	ng	88
36) 4-Chloro-3-methylphenol	12.366	107	10152	3.832	ng	100
37) 2-Methylnaphthalene	12.742	142	22031	3.583	ng	98
38) 1-Methylnaphthalene	12.965	142	21298	3.709	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.106	216	15905	3.788	ng	98
41) Hexachlorocyclopentadiene	13.076	237	3424	7.787	ng	93
43) 2,4,6-Trichlorophenol	13.341	196	9476	3.502	ng	97

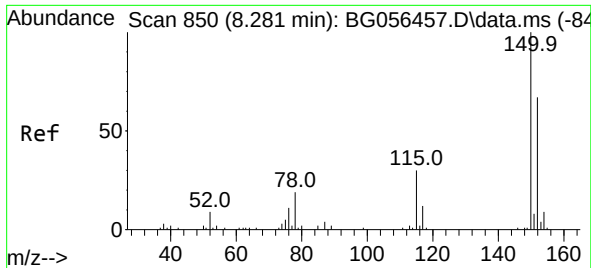
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056489.D
 Acq On : 31 Jan 2023 17:34
 Operator : CG/JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Feb 01 01:24:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	9997	3.155	ng	# 92
46) 1,1'-Biphenyl	13.729	154	32775	3.931	ng	97
47) 2-Chloronaphthalene	13.782	162	25082	3.849	ng	98
48) 2-Nitroaniline	13.981	65	4466	3.315	ng	93
49) Acenaphthylene	14.622	152	40577	3.827	ng	98
50) Dimethylphthalate	14.328	163	33831	3.638	ng	# 98
51) 2,6-Dinitrotoluene	14.463	165	7225	3.563	ng	95
52) Acenaphthene	14.963	154	24892	3.959	ng	95
53) 3-Nitroaniline	14.798	138	6675	3.395	ng	91
54) 2,4-Dinitrophenol	15.021	184	1526	1.200	ng	# 84
55) Dibenzofuran	15.292	168	42566	3.775	ng	99
56) 4-Nitrophenol	15.109	139	4939	3.677	ng	# 82
57) 2,4-Dinitrotoluene	15.250	165	10959	3.837	ng	# 99
58) Fluorene	15.938	166	34102	3.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.521	232	9420	3.344	ng	# 97
60) Diethylphthalate	15.679	149	32668	3.741	ng	99
61) 4-Chlorophenyl-phenyle...	15.914	204	20887	3.815	ng	96
62) 4-Nitroaniline	15.944	138	6965	3.541	ng	86
63) Azobenzene	16.208	77	21830	3.633	ng	96
65) 4,6-Dinitro-2-methylph...	16.020	198	5514	2.691	ng	94
66) n-Nitrosodiphenylamine	16.132	169	30515	3.698	ng	96
67) 4-Bromophenyl-phenylether	16.813	248	13603	3.646	ng	96
68) Hexachlorobenzene	16.943	284	14858	4.066	ng	98
69) Atrazine	17.060	200	13209	4.149	ng	97
70) Pentachlorophenol	17.295	266	4994	2.258	ng	# 91
71) Phenanthrene	17.677	178	57292	3.756	ng	97
72) Anthracene	17.765	178	60887	3.888	ng	99
73) Carbazole	18.035	167	50503	3.787	ng	98
74) Di-n-butylphthalate	18.558	149	51486	3.677	ng	# 95
75) Fluoranthene	19.669	202	74753	3.883	ng	98
77) Benzidine	19.839	184	39690	5.244	ng	95
78) Pyrene	20.027	202	78979	3.970	ng	100
80) Butylbenzylphthalate	20.885	149	21948	3.613	ng	96
81) Benzo(a)anthracene	21.901	228	73976	3.783	ng	99
82) 3,3'-Dichlorobenzidine	21.807	252	30992	4.401	ng	# 98
83) Chrysene	21.972	228	68676	3.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.760	149	31408	3.606	ng	97
85) Di-n-octyl phthalate	23.035	149	52994	3.653	ng	# 97
87) Indeno(1,2,3-cd)pyrene	29.275	276	81280	3.740	ng	# 93
88) Benzo(b)fluoranthene	24.246	252	75693	4.108	ng	99
89) Benzo(k)fluoranthene	24.316	252	72849	3.916	ng	99
90) Benzo(a)pyrene	25.180	252	67143	3.699	ng	99
91) Dibenzo(a,h)anthracene	29.322	278	71172	3.902	ng	100
92) Benzo(g,h,i)perylene	30.503	276	69351	3.940	ng	# 97

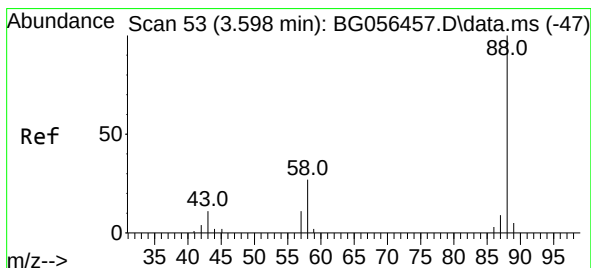
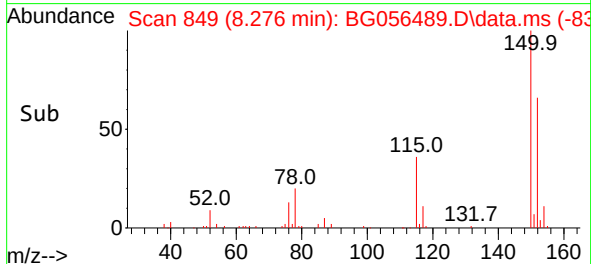
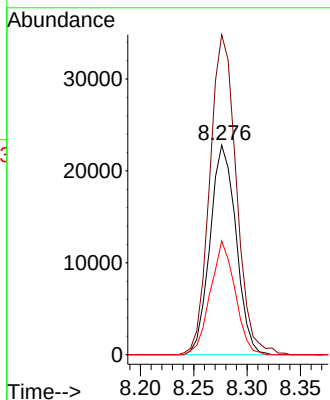
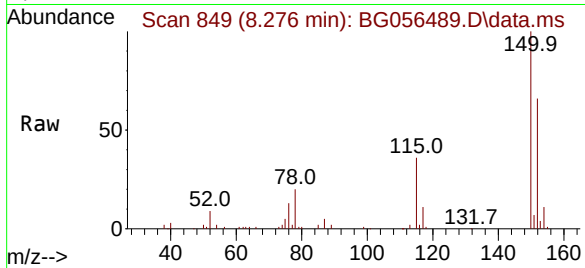
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.276 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

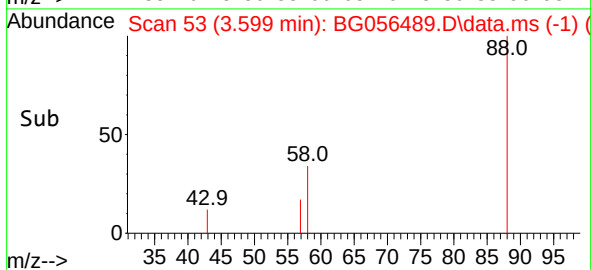
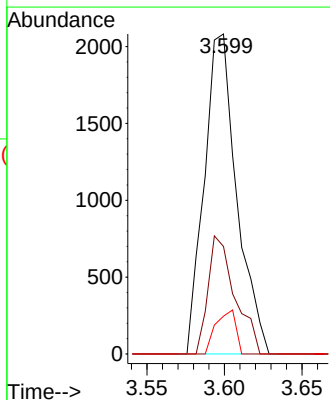
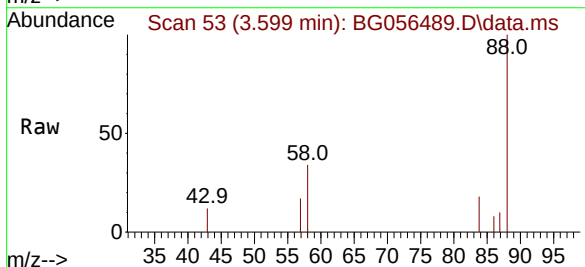
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

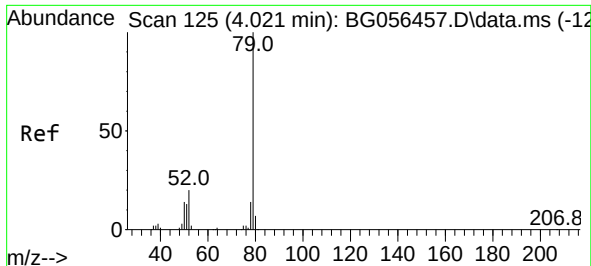
Tgt Ion:152 Resp: 38591
 Ion Ratio Lower Upper
 152 100
 150 152.6 120.2 180.4
 115 54.3 36.3 54.5



#2
 1,4-Dioxane
 Concen: 3.471 ng
 RT: 3.599 min Scan# 53
 Delta R.T. 0.001 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

Tgt Ion: 88 Resp: 3032
 Ion Ratio Lower Upper
 88 100
 58 30.6 23.0 34.4
 43 8.4 8.0 12.0

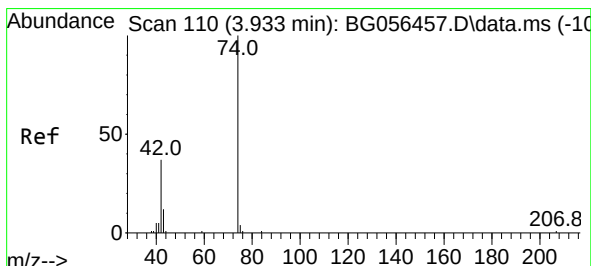
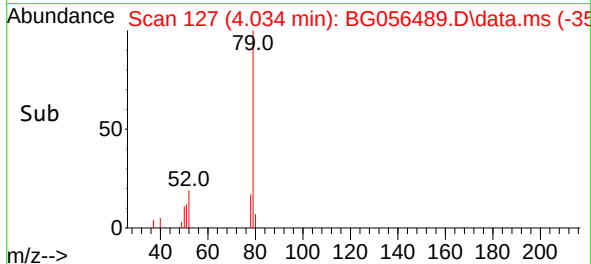
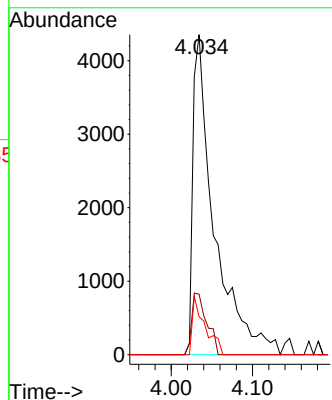
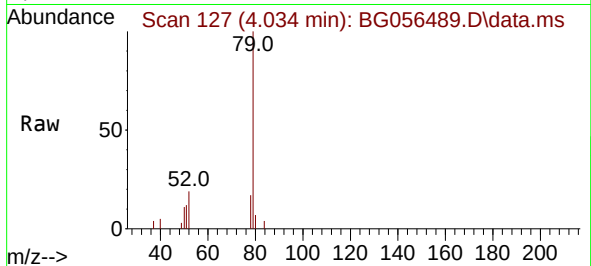




#3
Pyridine
Concen: 3.054 ng
RT: 4.034 min Scan# 110
Delta R.T. 0.013 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

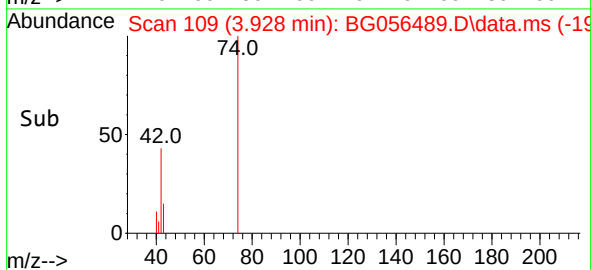
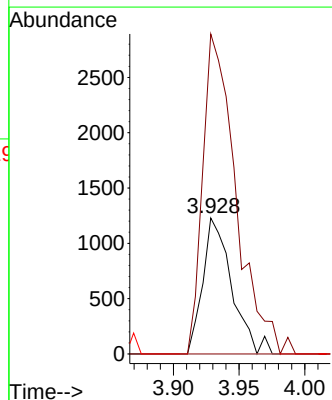
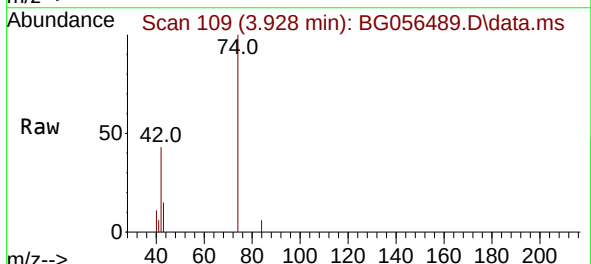
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

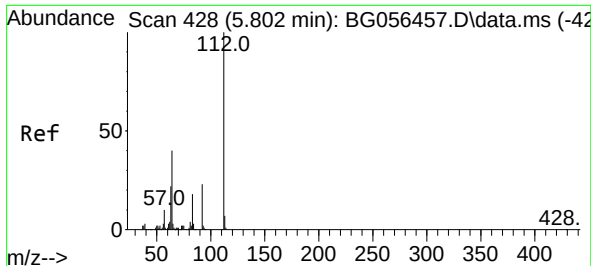
Tgt Ion: 79 Resp: 7953
Ion Ratio Lower Upper
79 100
52 18.9 16.1 24.1
51 11.8 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 3.410 ng
RT: 3.928 min Scan# 109
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion: 42 Resp: 1888
Ion Ratio Lower Upper
42 100
74 235.2 217.9 326.9
44 0.0 3.0 4.6

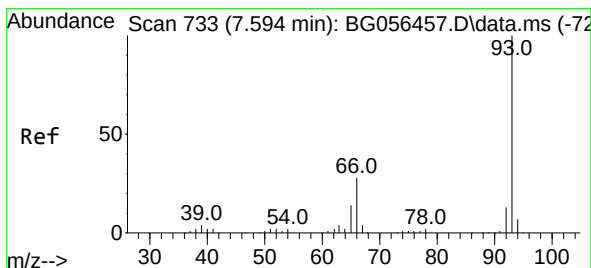
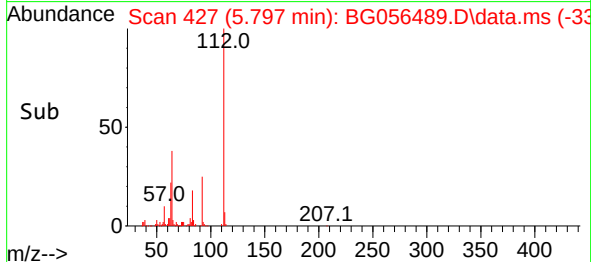
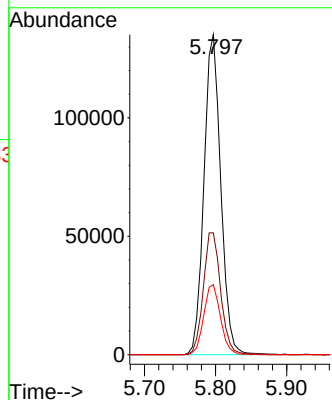
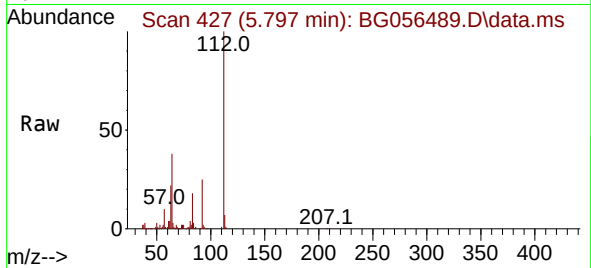




#5
2-Fluorophenol
Concen: 106.057 ng
RT: 5.797 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

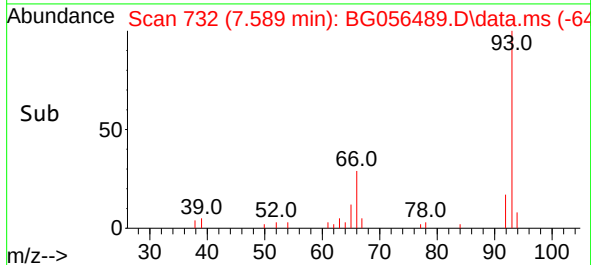
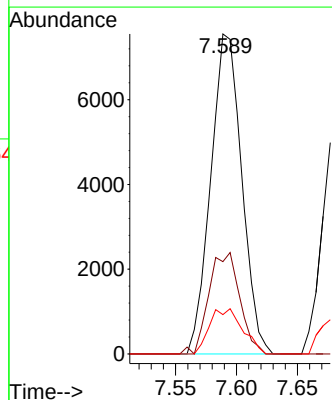
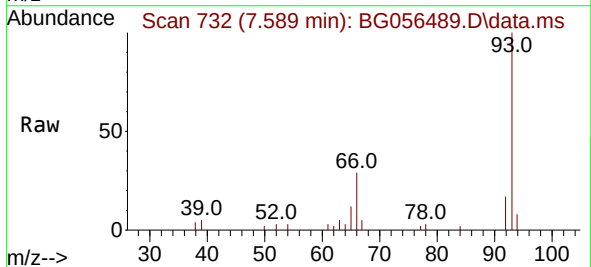
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

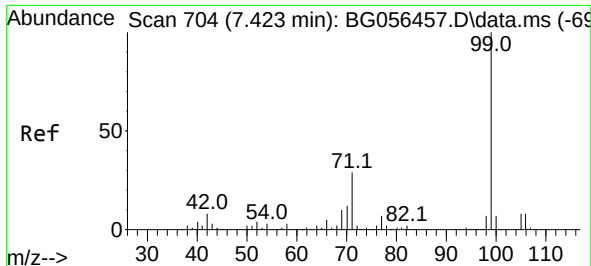
Tgt Ion:112 Resp: 222489
Ion Ratio Lower Upper
112 100
64 38.1 31.9 47.9
63 21.9 17.4 26.0



#6
Aniline
Concen: 3.279 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion: 93 Resp: 13344
Ion Ratio Lower Upper
93 100
66 28.8 22.2 33.2
65 12.3 11.3 16.9

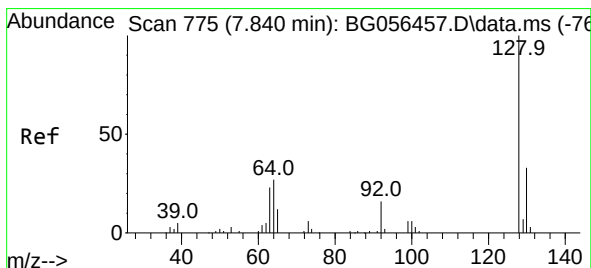
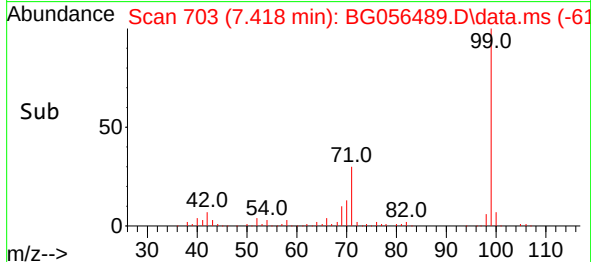
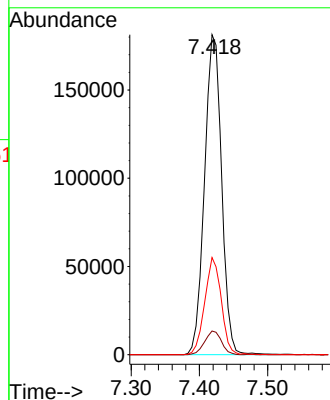
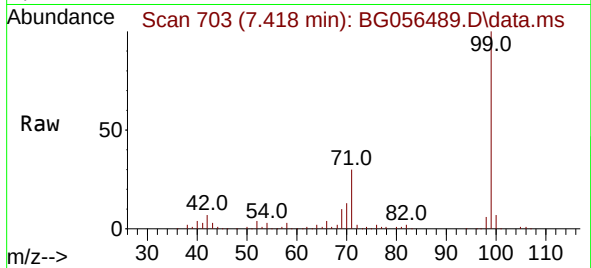




#7
Phenol-d6
Concen: 101.808 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

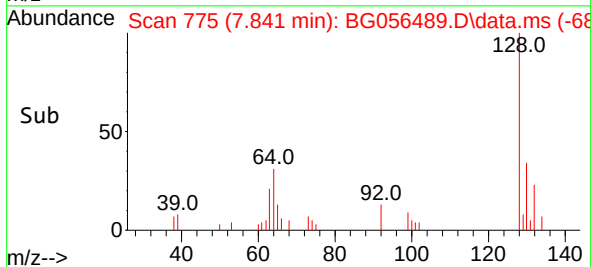
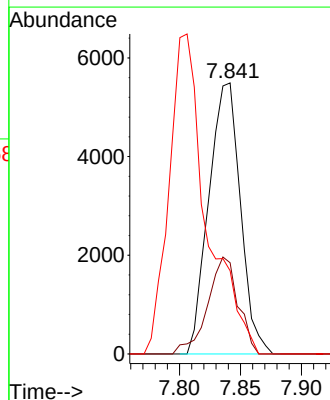
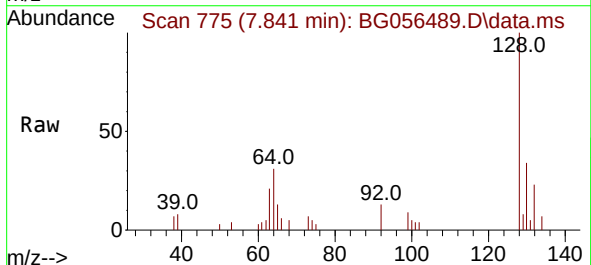
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

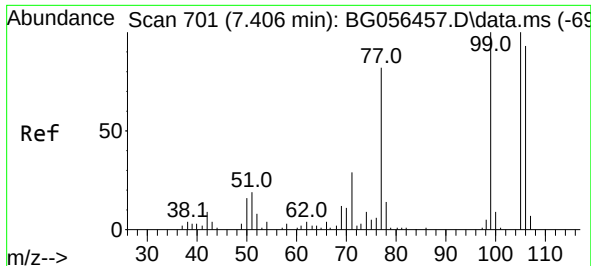
Tgt Ion: 99 Resp: 316447
Ion Ratio Lower Upper
99 100
42 7.4 6.6 10.0
71 30.3 23.4 35.0



#8
2-Chlorophenol
Concen: 4.296 ng
RT: 7.841 min Scan# 775
Delta R.T. 0.007 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion: 128 Resp: 9901
Ion Ratio Lower Upper
128 100
130 33.6 12.8 52.8
64 30.7 11.3 51.3

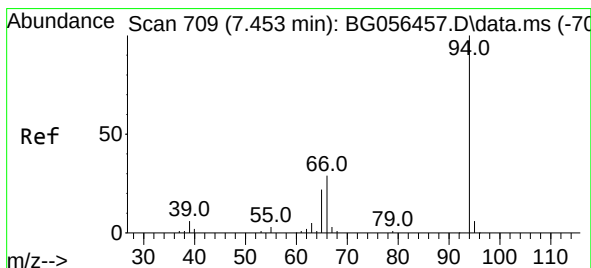
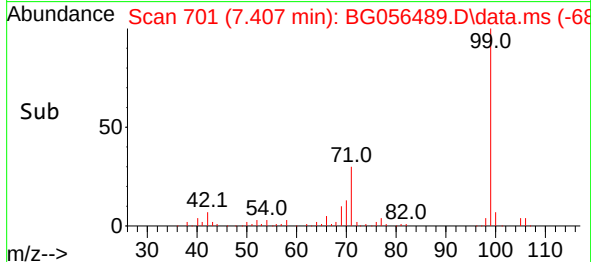
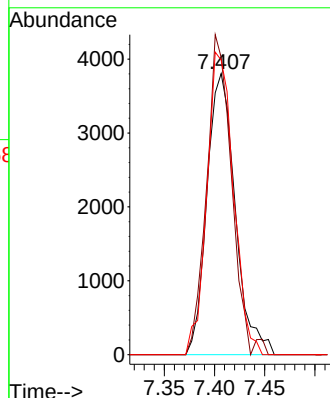
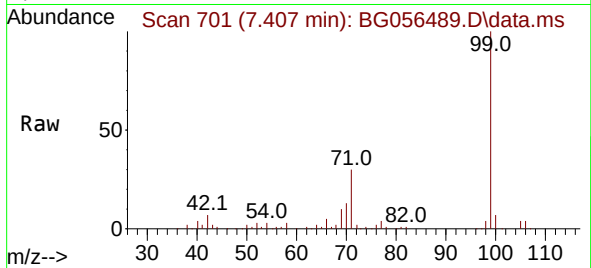




#9
Benzaldehyde
Concen: 3.721 ng
RT: 7.407 min Scan# 701
Delta R.T. 0.007 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

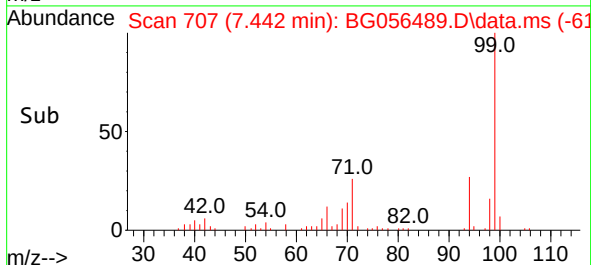
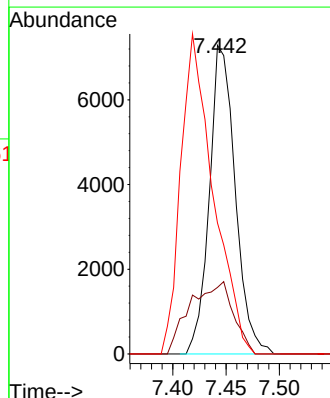
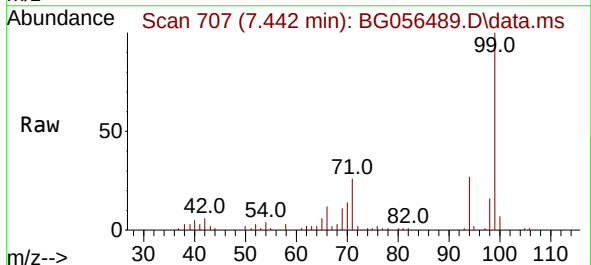
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

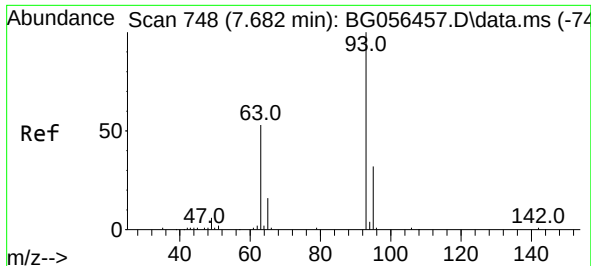
Tgt Ion: 77 Resp: 7455
Ion Ratio Lower Upper
77 100
105 105.8 101.8 141.8
106 104.8 93.0 133.0



#10
Phenol
Concen: 3.893 ng
RT: 7.442 min Scan# 707
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion: 94 Resp: 12298
Ion Ratio Lower Upper
94 100
65 21.5 2.3 42.3
66 42.5 11.2 51.2

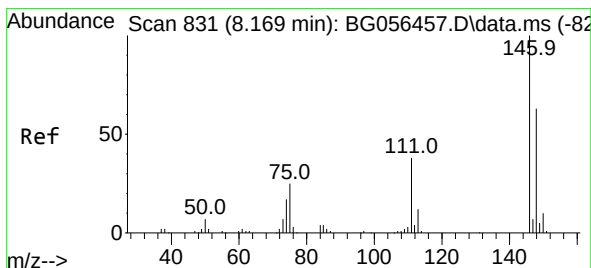
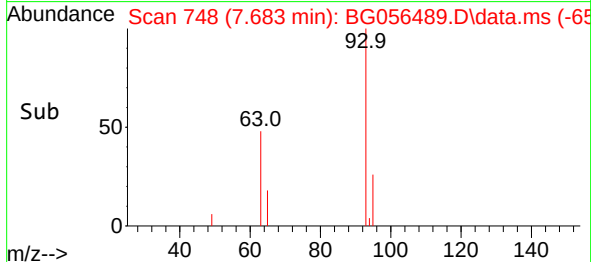
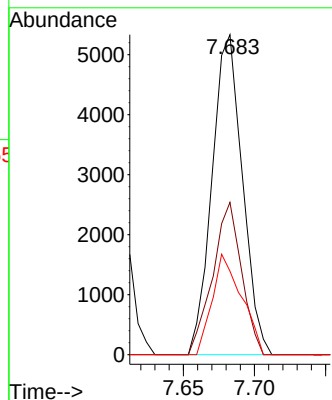
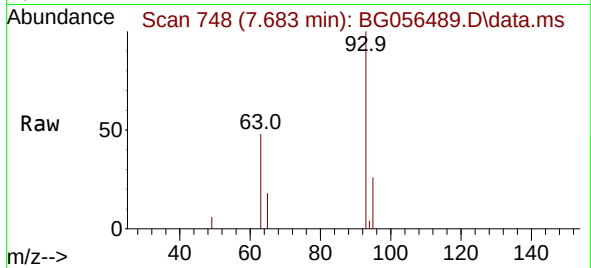




#11
bis(2-Chloroethyl)ether
Concen: 3.651 ng
RT: 7.683 min Scan# 748
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

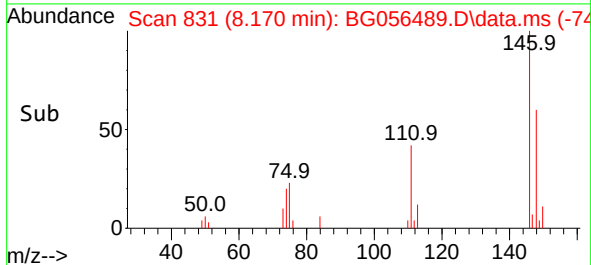
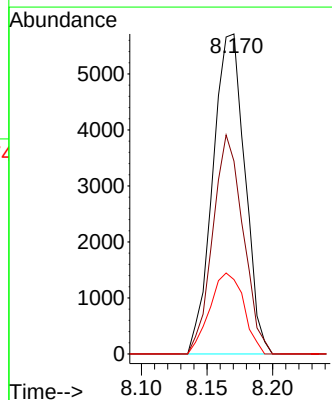
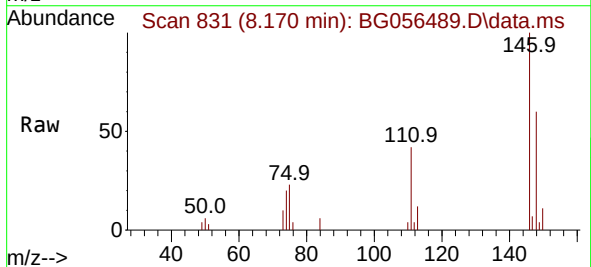
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

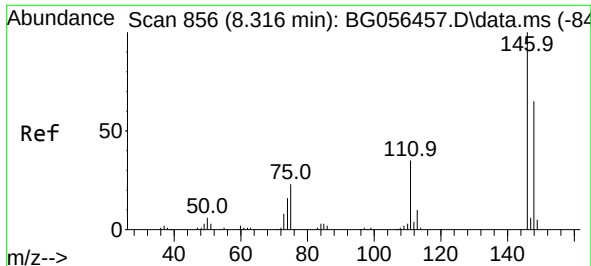
Tgt Ion: 93	Resp: 7928
Ion Ratio	Lower Upper
93 100	
63 47.6	32.4 72.4
95 26.1	11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 3.665 ng
RT: 8.170 min Scan# 831
Delta R.T. 0.007 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:146	Resp:	9724	
Ion	Ratio	Lower	Upper
146	100		
148	56.2	50.6	75.8
75	21.7	19.6	29.4





#13

1,4-Dichlorobenzene

Concen: 4.039 ng

RT: 8.317 min Scan# 8

Delta R.T. 0.007 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

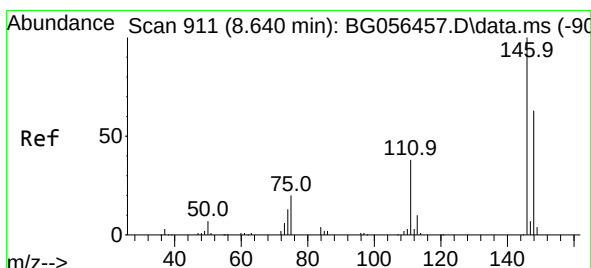
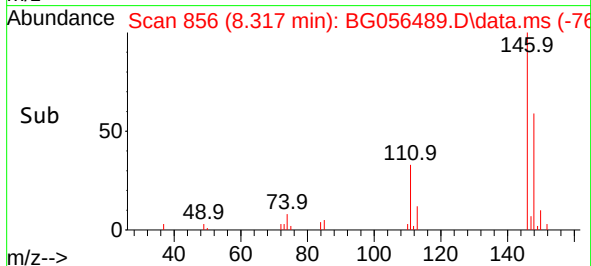
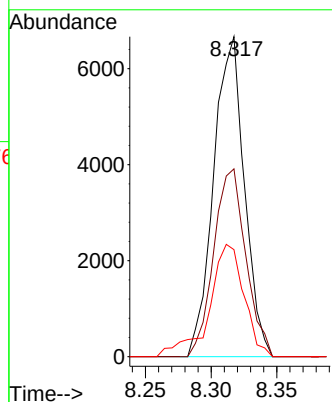
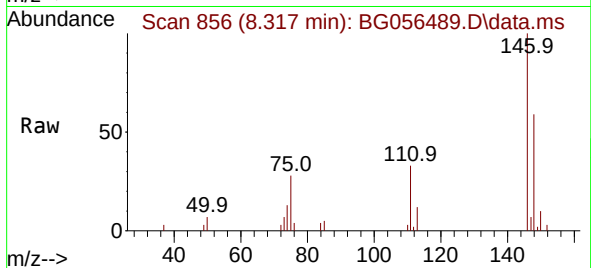
Tgt Ion:146 Resp: 10854

Ion Ratio Lower Upper

146 100

148 58.7 51.8 77.6

111 33.5 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 3.776 ng

RT: 8.640 min Scan# 911

Delta R.T. 0.007 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

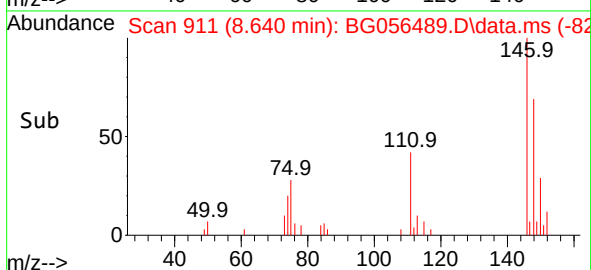
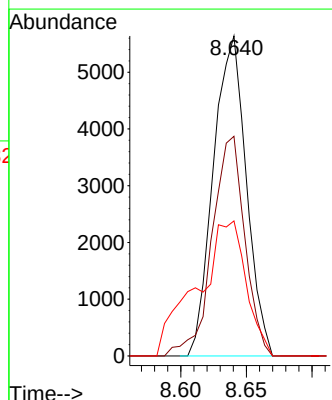
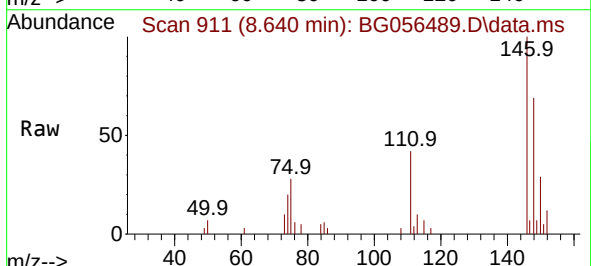
Tgt Ion:146 Resp: 9844

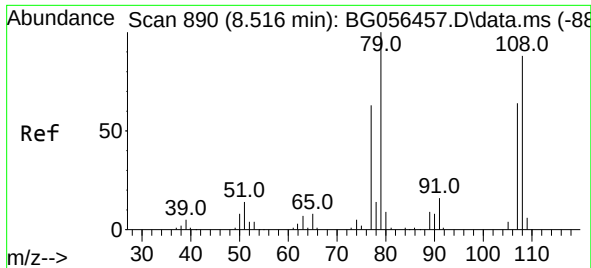
Ion Ratio Lower Upper

146 100

148 64.2 50.1 75.1

111 39.5 30.9 46.3

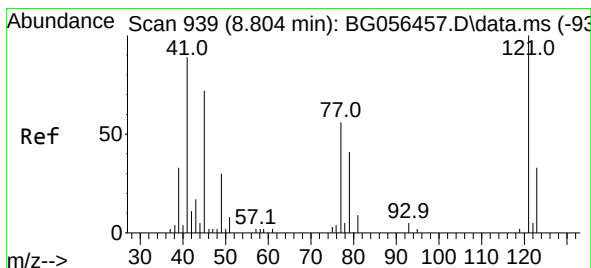
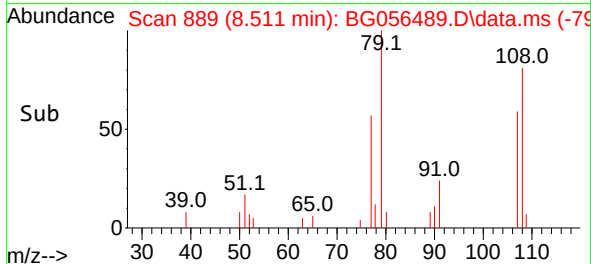
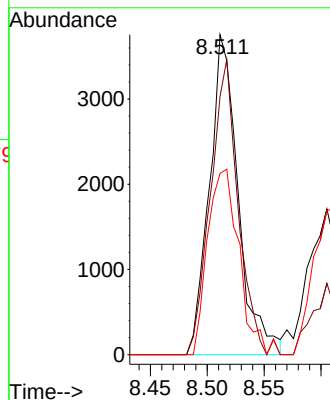
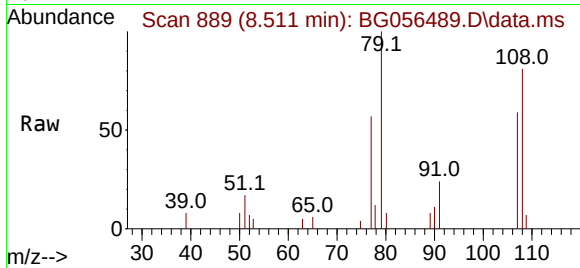




#15
Benzyl Alcohol
Concen: 3.102 ng
RT: 8.511 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

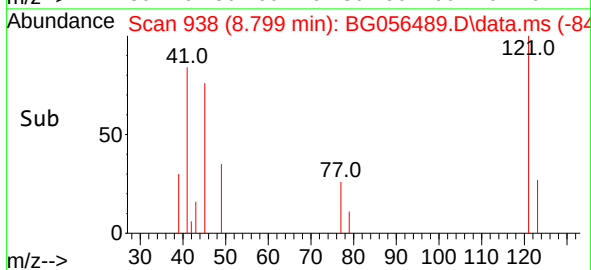
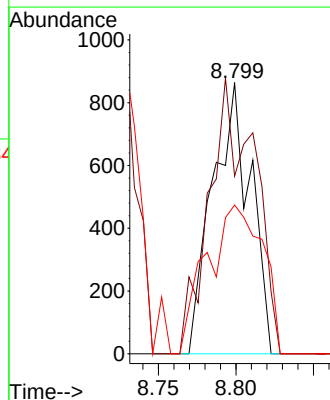
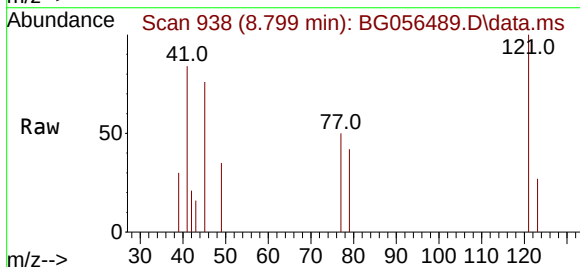
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

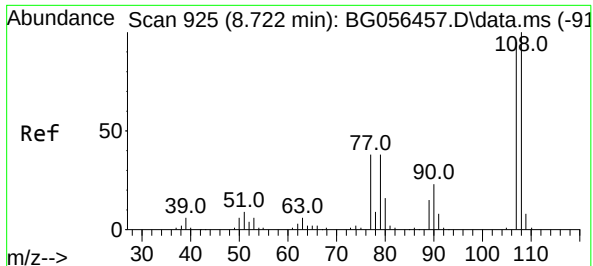
Tgt Ion:	79	Resp:	6615
Ion	Ratio	Lower	Upper
79	100		
108	80.7	70.1	105.1
77	56.6	50.3	75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.204 ng
RT: 8.799 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:	45	Resp:	1474
Ion	Ratio	Lower	Upper
45	100		
77	65.5	62.1	102.1
79	54.9	42.7	82.7

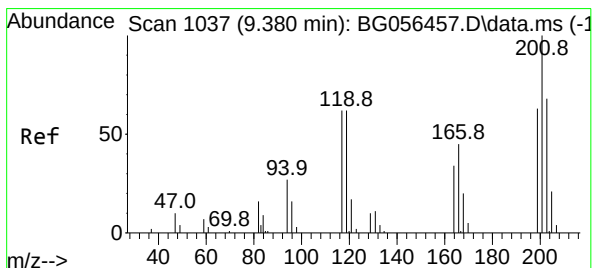
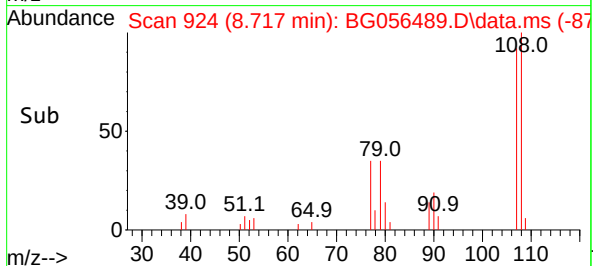
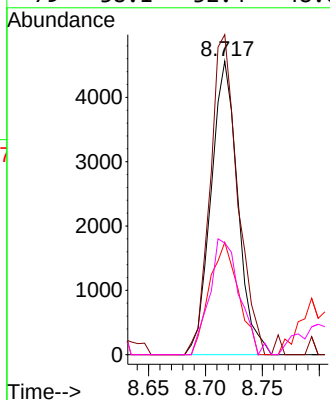
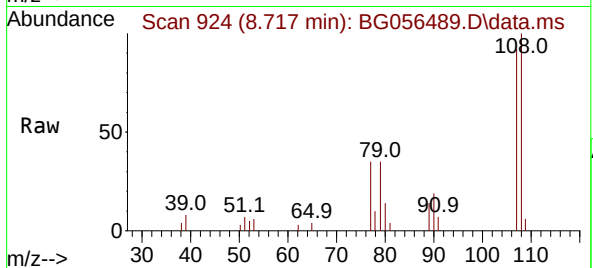




#17
2-Methylphenol
Concen: 3.112 ng
RT: 8.717 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

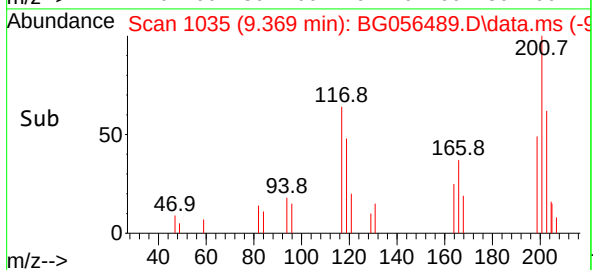
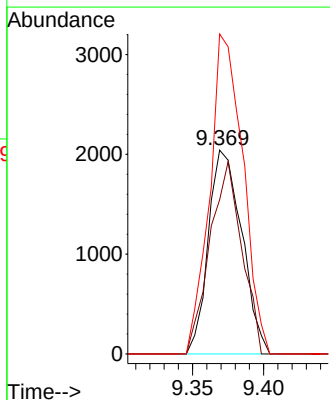
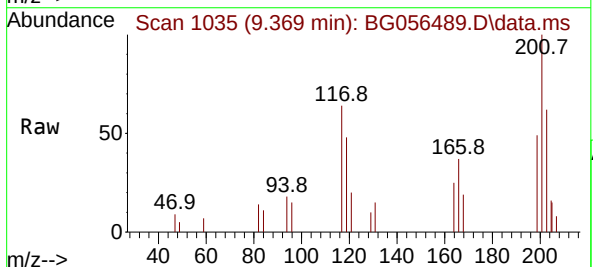
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

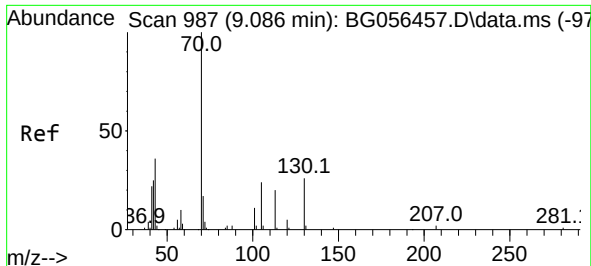
Tgt Ion:	107	Resp:	7480
Ion	Ratio	Lower	Upper
107	100		
108	109.0	83.9	125.9
77	38.3	31.6	47.4
79	38.1	32.4	48.6



#18
Hexachloroethane
Concen: 4.108 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:	117	Resp:	3339
Ion	Ratio	Lower	Upper
117	100		
119	75.7	79.4	119.0#
201	157.0	128.5	192.7

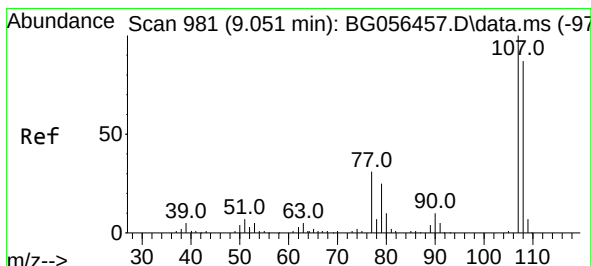
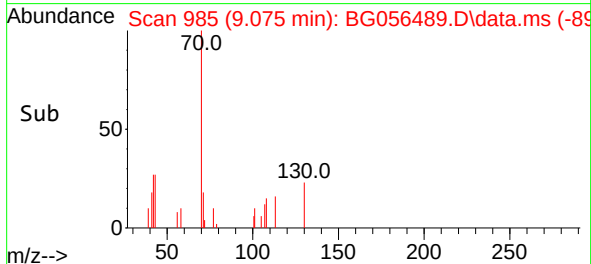
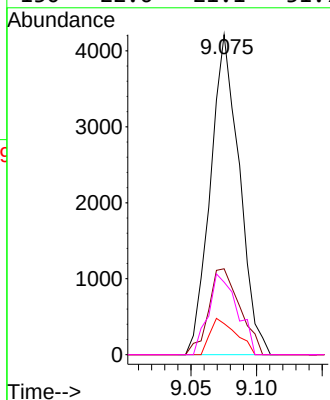
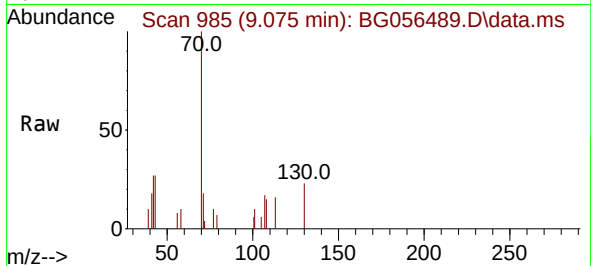




#19
n-Nitroso-di-n-propylamine
Concen: 3.611 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

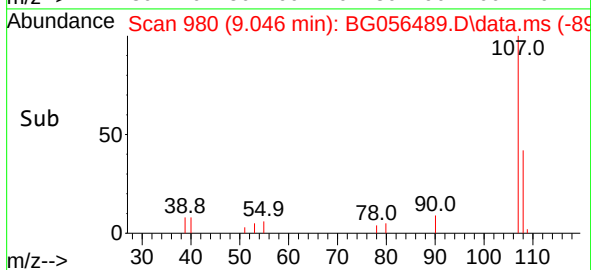
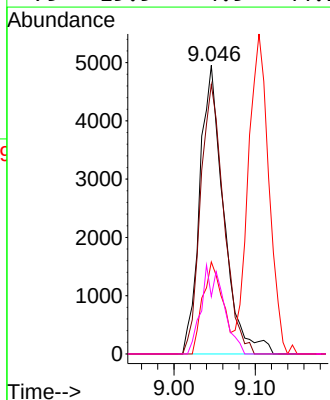
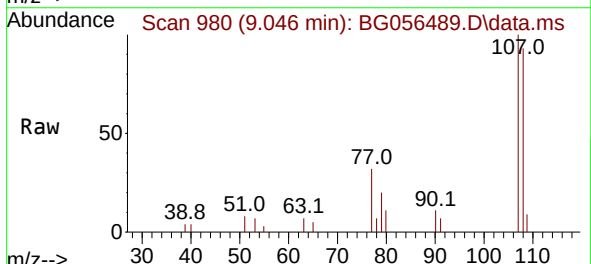
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

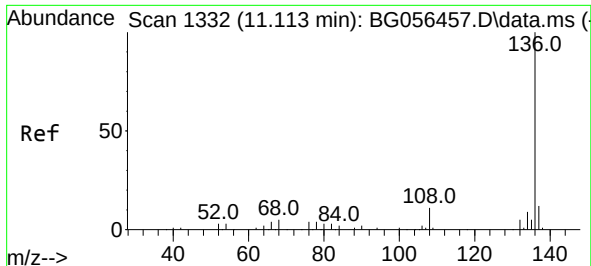
Tgt Ion: 70	Resp: 6469
Ion Ratio	Lower Upper
70 100	
42 26.8	20.2 30.4
101 9.7	9.1 13.7
130 22.6	21.1 31.7



#20
3+4-Methylphenols
Concen: 3.004 ng
RT: 9.046 min Scan# 980
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt	Ion:107	Resp:	10118
Ion	Ratio	Lower	Upper
107	100		
108	93.4	66.7	106.7
77	31.9	10.6	50.6
79	19.9	4.9	44.9

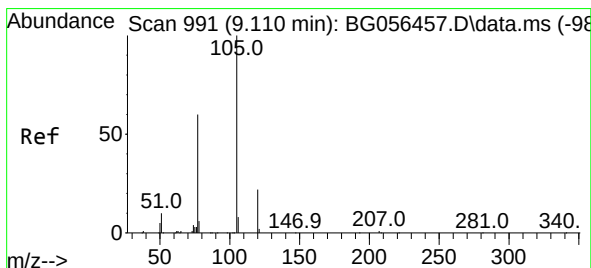
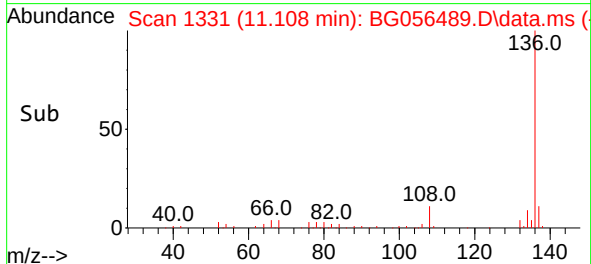
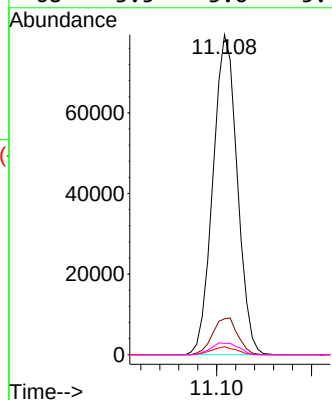
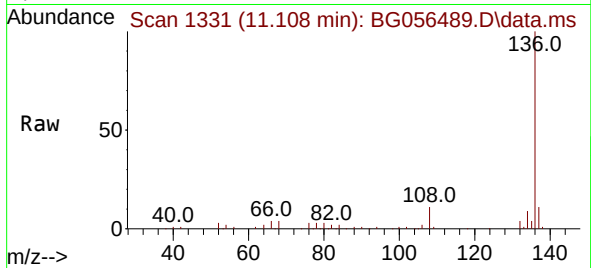




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

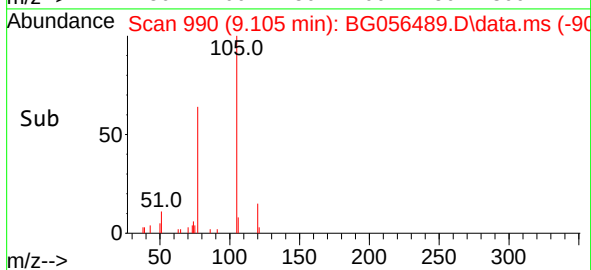
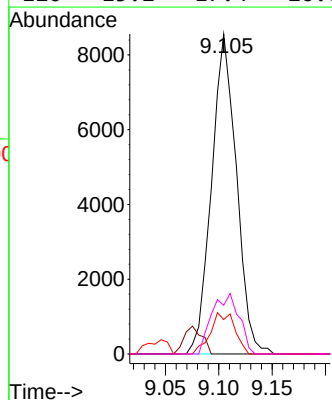
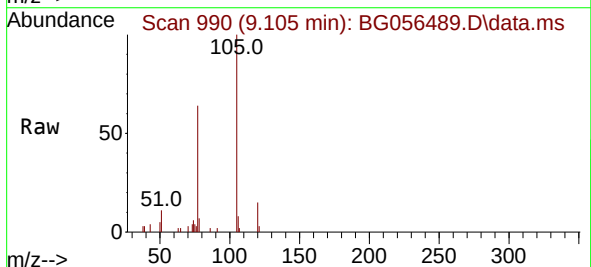
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

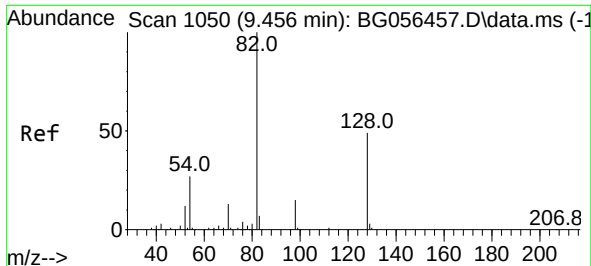
Tgt Ion:136 Resp: 141289
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.5 2.2 3.4
68 3.5 3.6 5.4#



#22
Acetophenone
Concen: 3.694 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:105 Resp: 13867
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 10.7 9.2 13.8
120 15.2 17.4 26.0#

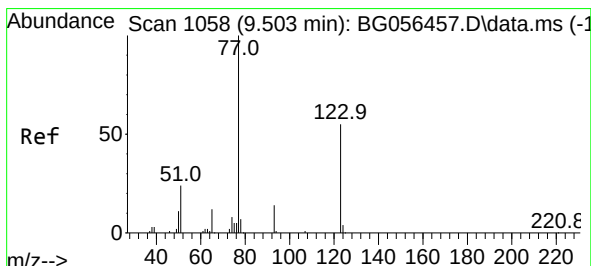
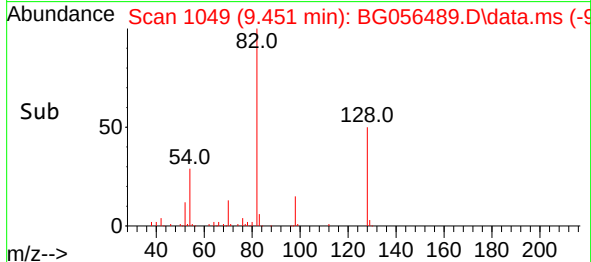
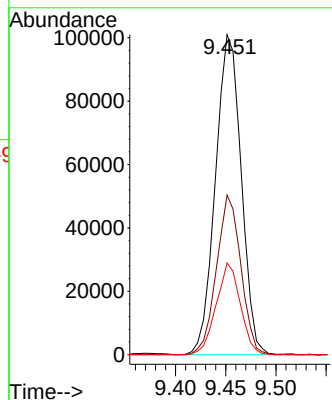
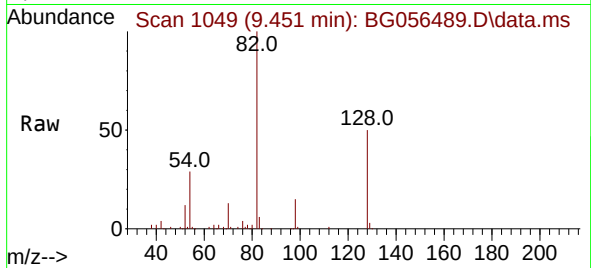




#23
Nitrobenzene-d5
Concen: 72.408 ng
RT: 9.451 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

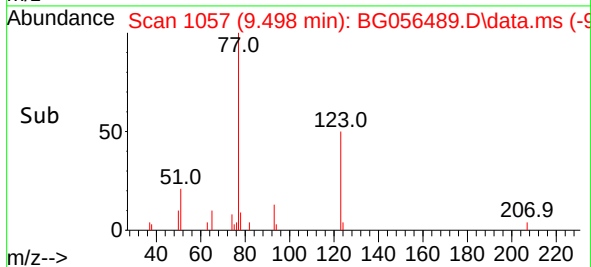
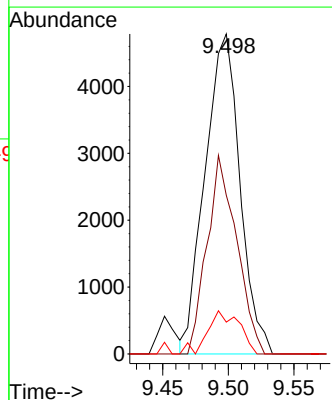
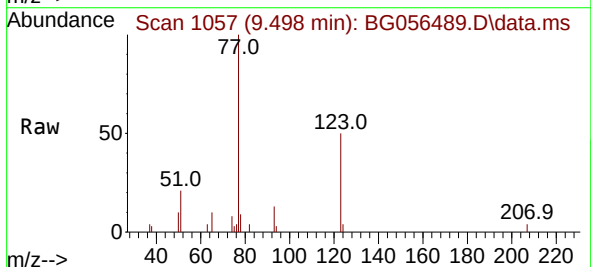
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

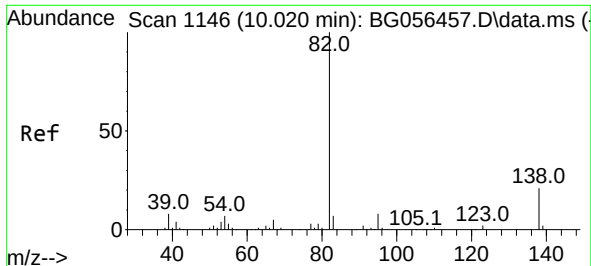
Tgt Ion: 82 Resp: 180161
Ion Ratio Lower Upper
82 100
128 49.9 39.4 59.2
54 28.7 21.4 32.2



#24
Nitrobenzene
Concen: 3.690 ng
RT: 9.498 min Scan# 1057
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion: 77 Resp: 8857
Ion Ratio Lower Upper
77 100
123 49.6 44.0 66.0
65 9.9 9.7 14.5

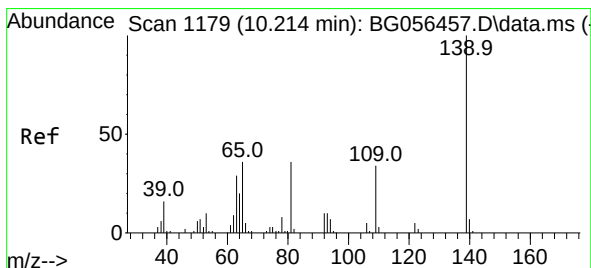
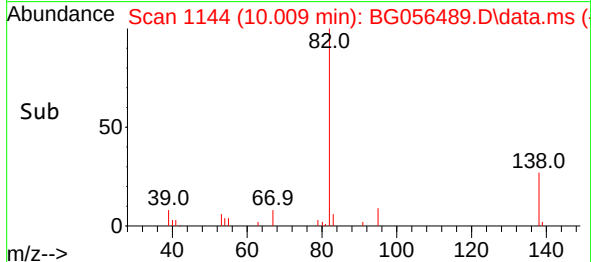
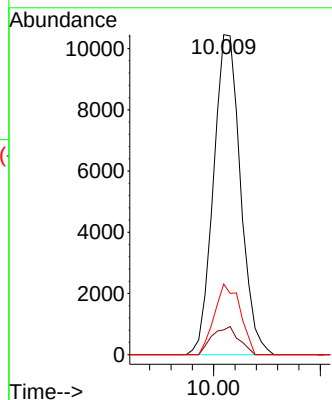
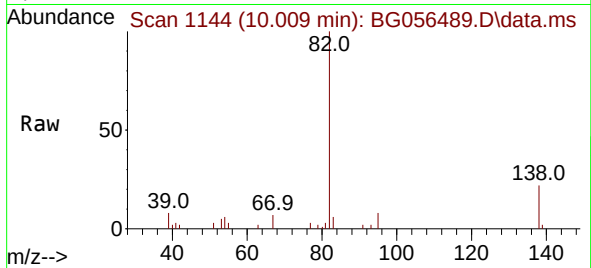




#25
Isophorone
Concen: 3.572 ng
RT: 10.009 min Scan# 1146
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

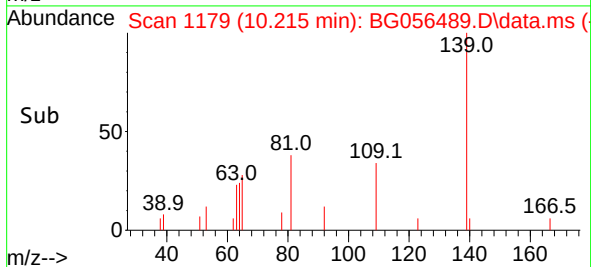
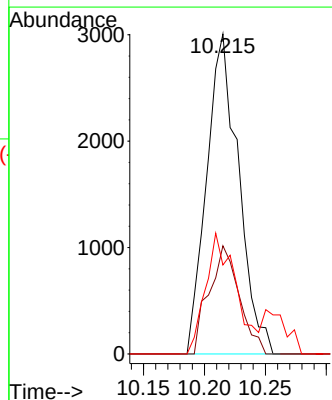
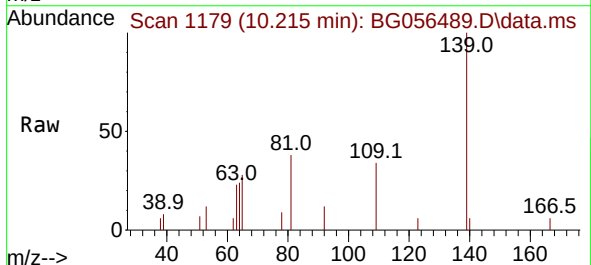
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

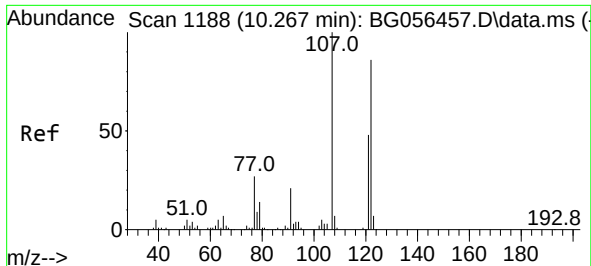
Tgt Ion: 82 Resp: 18334
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 22.1 16.6 25.0



#26
2-Nitrophenol
Concen: 3.756 ng
RT: 10.215 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion: 139 Resp: 5469
Ion Ratio Lower Upper
139 100
109 33.8 26.9 40.3
65 27.8 29.0 43.4#





#27

2,4-Dimethylphenol

Concen: 3.231 ng

RT: 10.256 min Scan# 1186

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

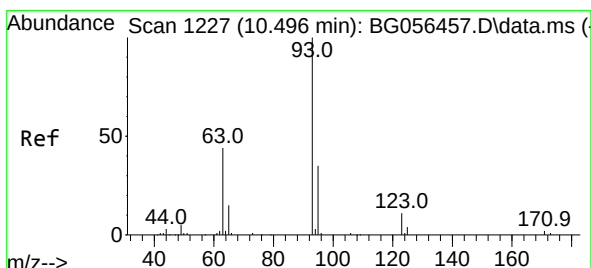
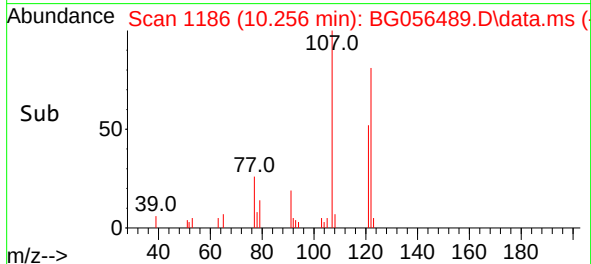
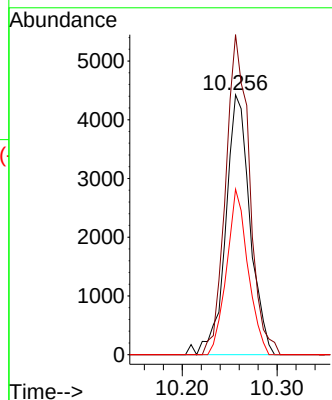
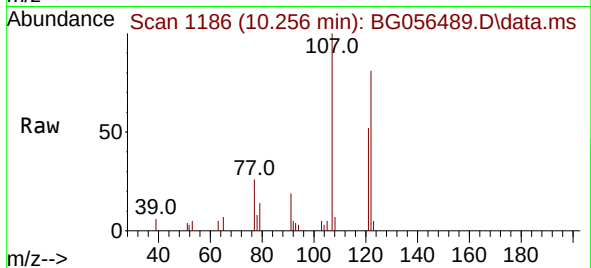
Tgt Ion:122 Resp: 7873

Ion Ratio Lower Upper

122 100

107 123.2 92.9 139.3

121 63.7 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 3.753 ng

RT: 10.491 min Scan# 1226

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

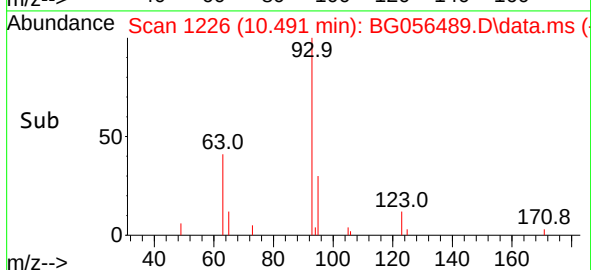
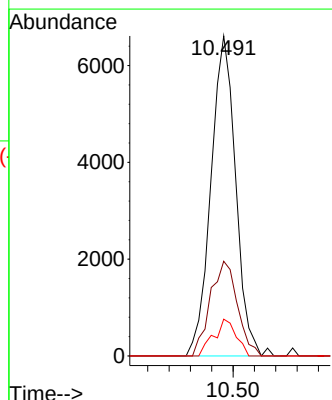
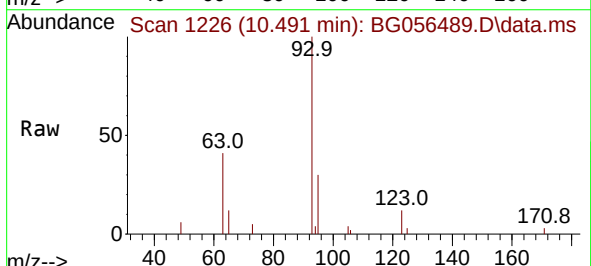
Tgt Ion: 93 Resp: 10641

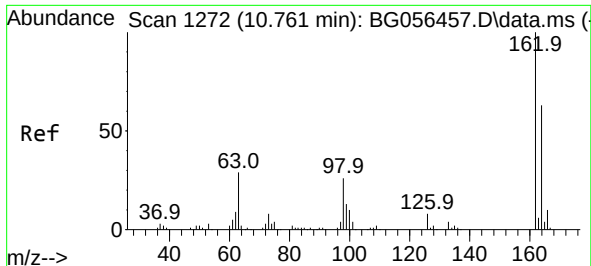
Ion Ratio Lower Upper

93 100

95 29.6 27.9 41.9

123 11.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 3.671 ng

RT: 10.756 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

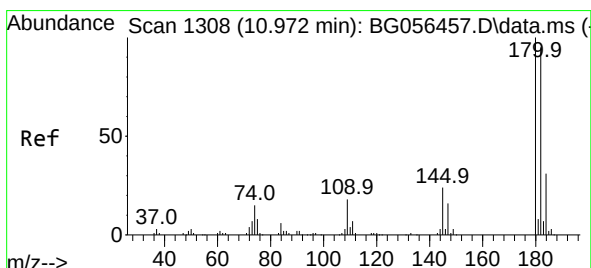
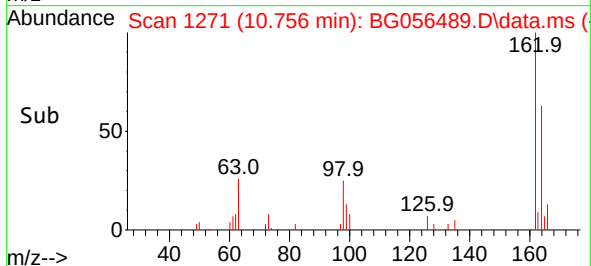
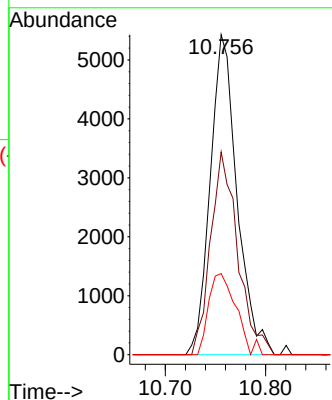
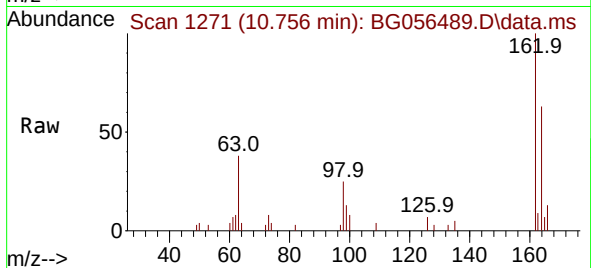
Tgt Ion:162 Resp: 10071

Ion Ratio Lower Upper

162 100

164 58.0 42.8 82.8

98 23.2 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 3.906 ng

RT: 10.961 min Scan# 1306

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

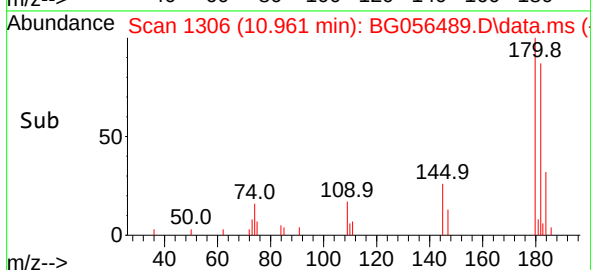
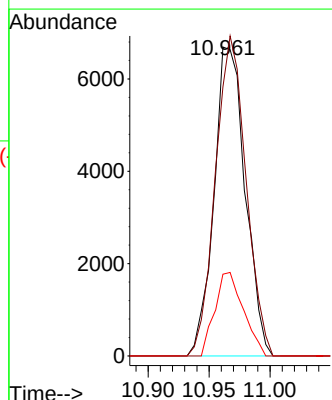
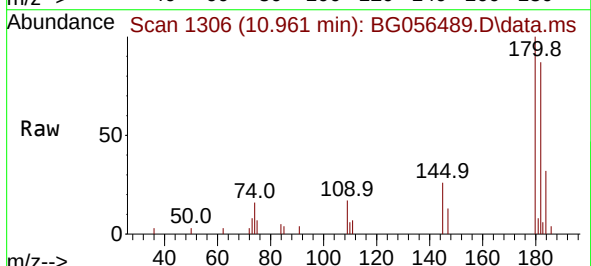
Tgt Ion:180 Resp: 11907

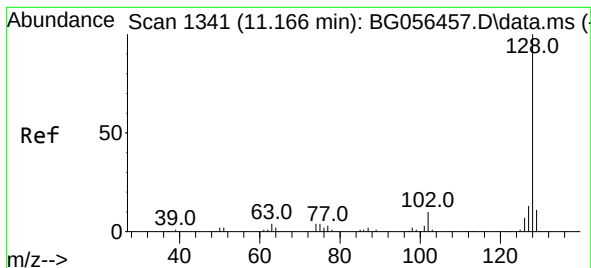
Ion Ratio Lower Upper

180 100

182 93.5 75.9 113.9

145 26.5 19.4 29.0





#31

Naphthalene

Concen: 3.903 ng

RT: 11.161 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056489.D

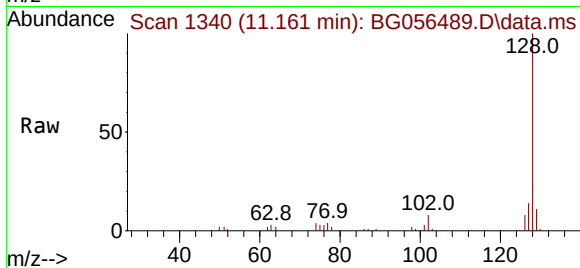
Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



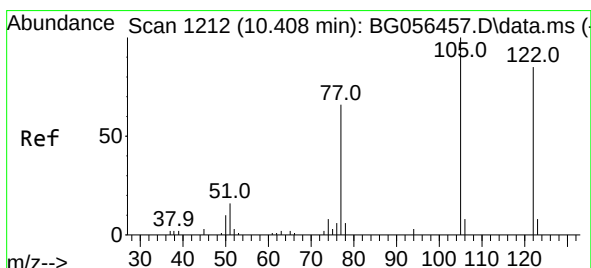
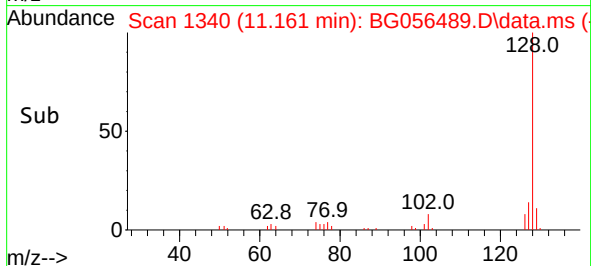
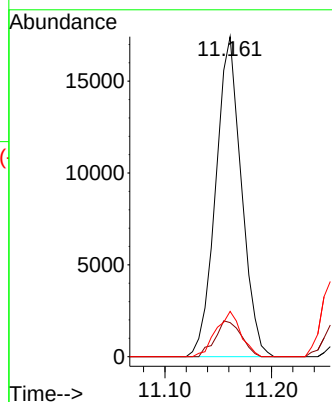
Tgt Ion:128 Resp: 29104

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 14.1 10.4 15.6



#32

Benzoic acid

Concen: 0.565 ng

RT: 10.415 min Scan# 1213

Delta R.T. 0.013 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

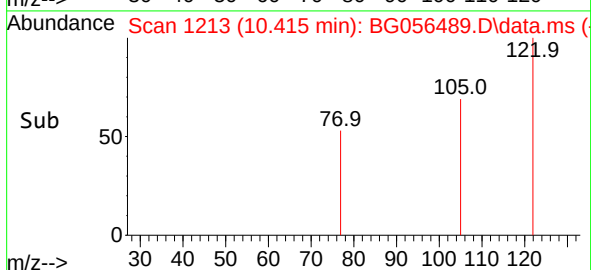
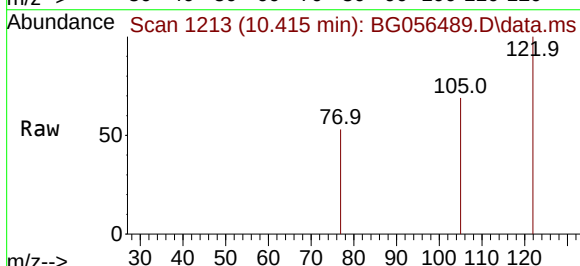
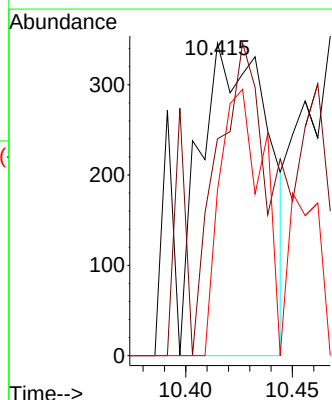
Tgt Ion:122 Resp: 771

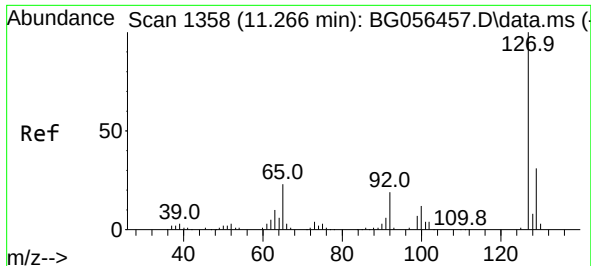
Ion Ratio Lower Upper

122 100

105 69.4 96.5 136.5#

77 52.9 57.3 97.3#

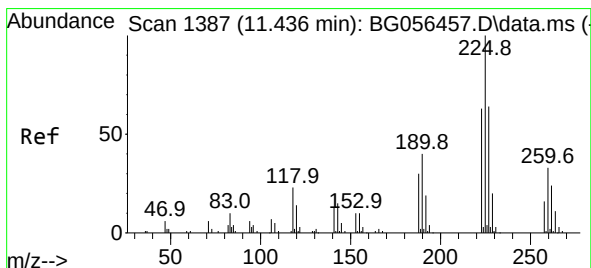
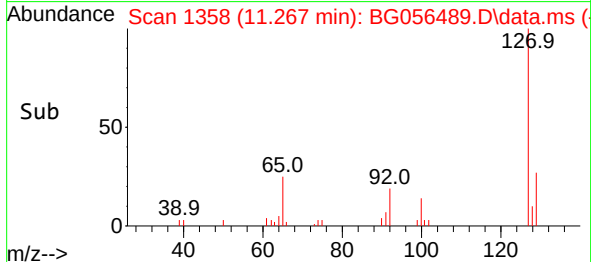
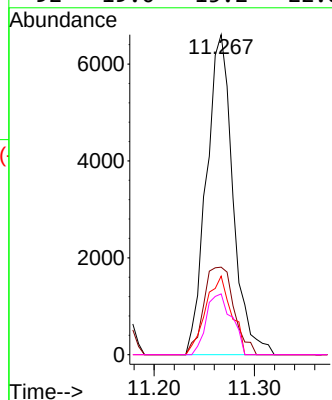
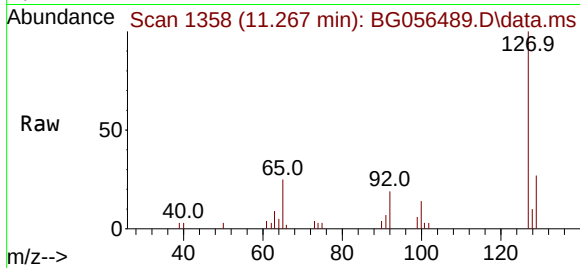




#33
4-Chloroaniline
Concen: 3.479 ng
RT: 11.267 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

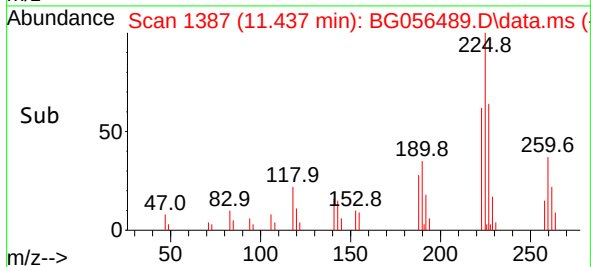
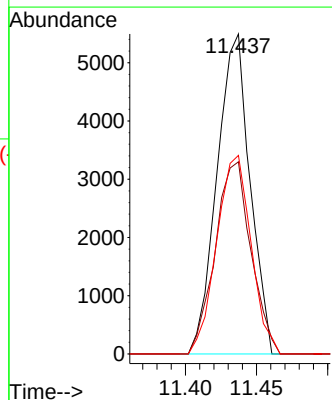
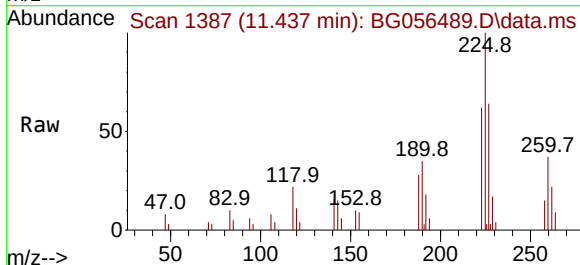
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

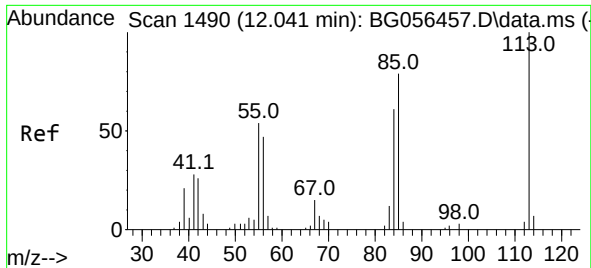
Tgt Ion:	127	Resp:	12112
Ion	Ratio	Lower	Upper
127	100		
129	27.3	25.0	37.6
65	24.6	18.5	27.7
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 4.144 ng
RT: 11.437 min Scan# 1387
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:	225	Resp:	8868
Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.6	75.8
227	64.8	53.7	80.5

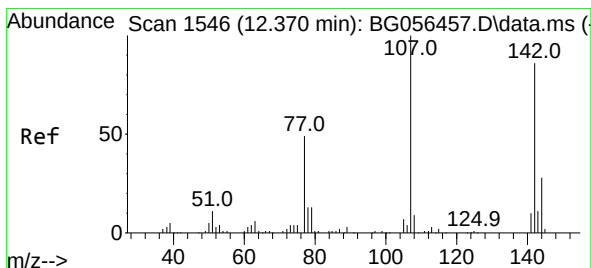
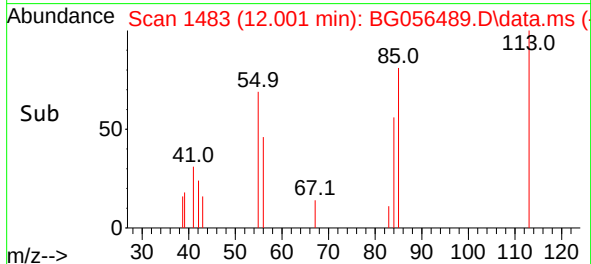
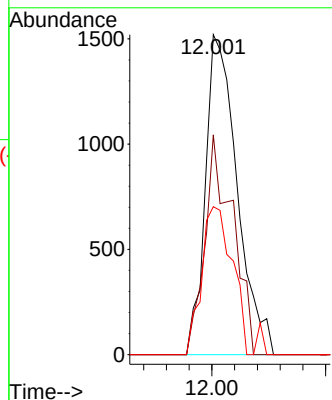
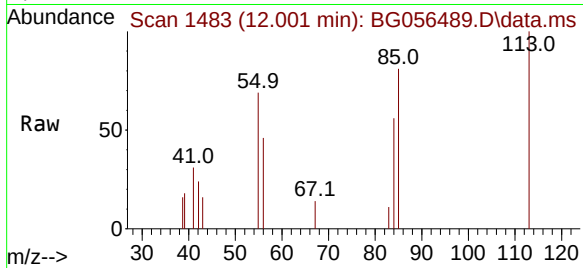




#35
Caprolactam
Concen: 3.187 ng
RT: 12.001 min Scan# 1490
Delta R.T. -0.029 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

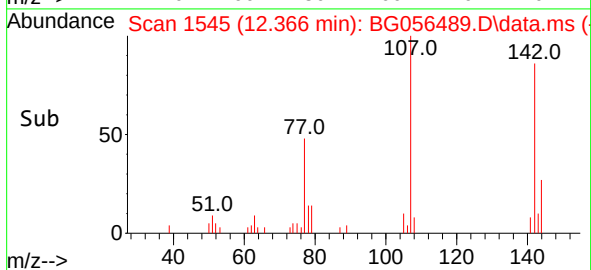
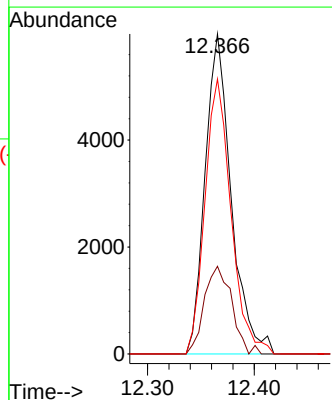
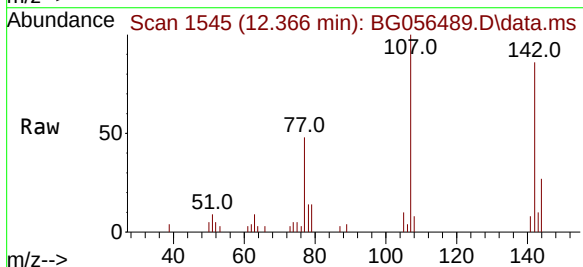
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

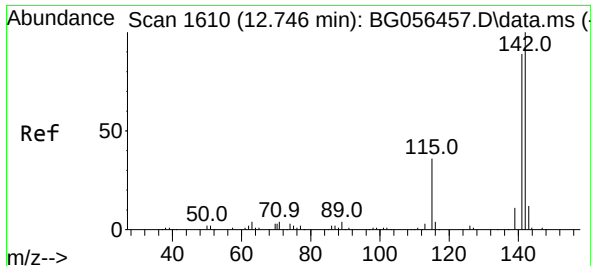
Tgt Ion:113 Resp: 2948
Ion Ratio Lower Upper
113 100
55 68.7 33.7 73.7
56 46.3 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 3.832 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:107 Resp: 10152
Ion Ratio Lower Upper
107 100
144 27.4 22.3 33.5
142 85.9 68.9 103.3

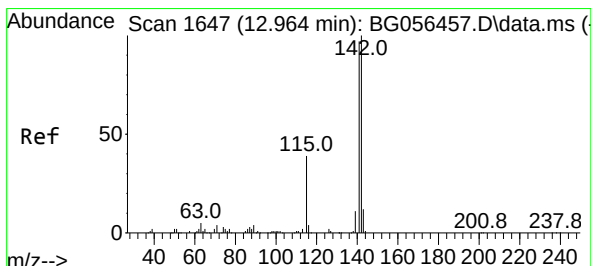
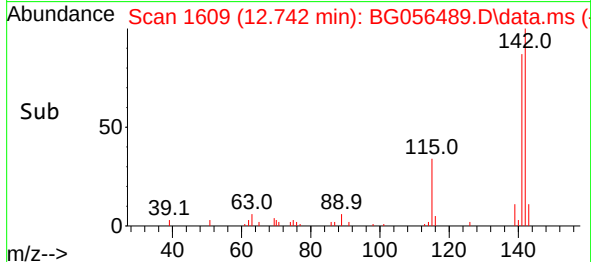
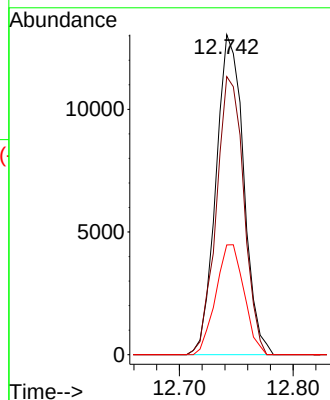
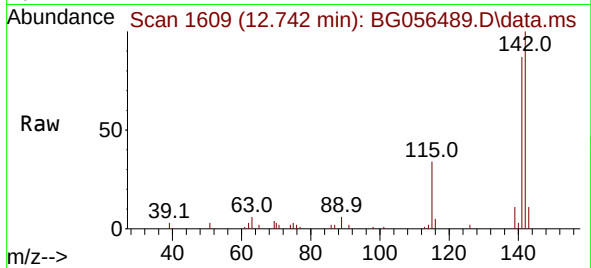




#37
2-Methylnaphthalene
Concen: 3.583 ng
RT: 12.742 min Scan# 1609
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

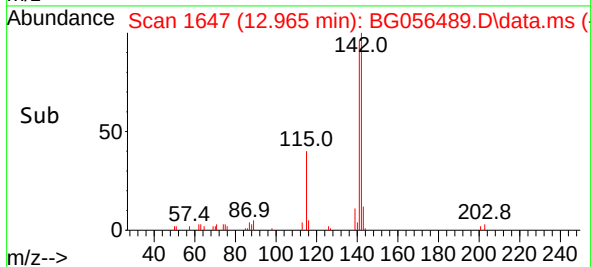
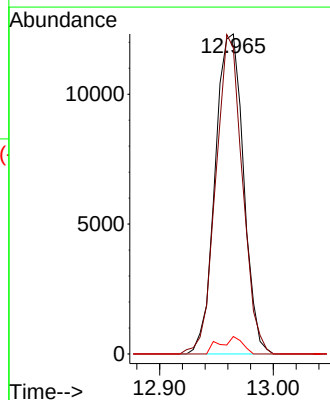
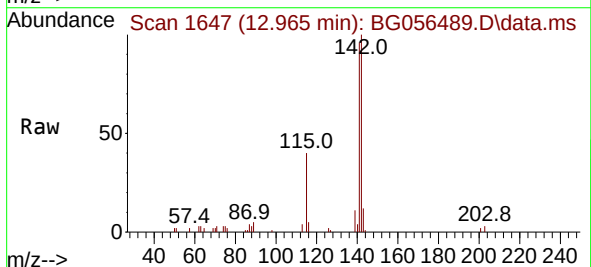
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

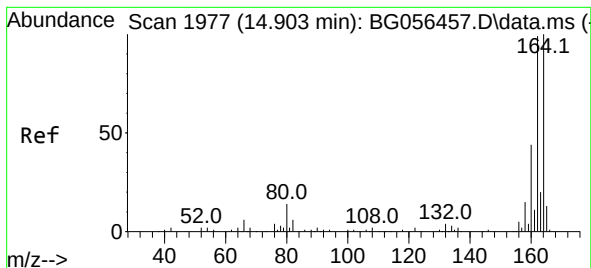
Tgt Ion:142 Resp: 22031
Ion Ratio Lower Upper
142 100
141 86.9 71.4 107.0
115 34.3 28.4 42.6



#38
1-Methylnaphthalene
Concen: 3.709 ng
RT: 12.965 min Scan# 1647
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:142 Resp: 21298
Ion Ratio Lower Upper
142 100
141 95.7 77.7 116.5
116 5.5 3.4 5.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.898 min Scan# 1976

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

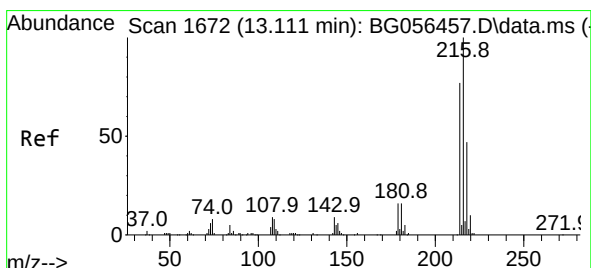
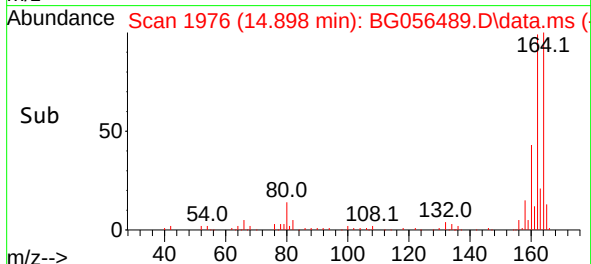
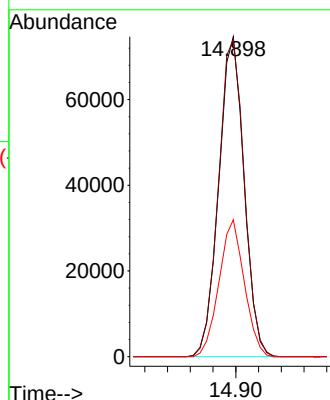
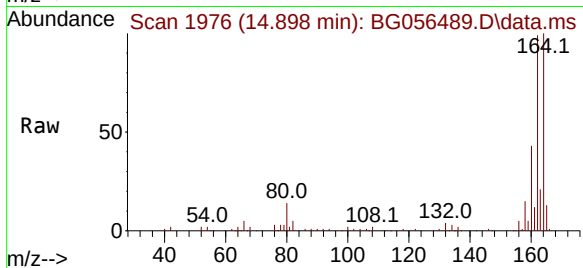
Tgt Ion:164 Resp: 114940

Ion Ratio Lower Upper

164 100

162 99.0 79.6 119.4

160 42.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.788 ng

RT: 13.106 min Scan# 1671

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Tgt Ion:216 Resp: 15905

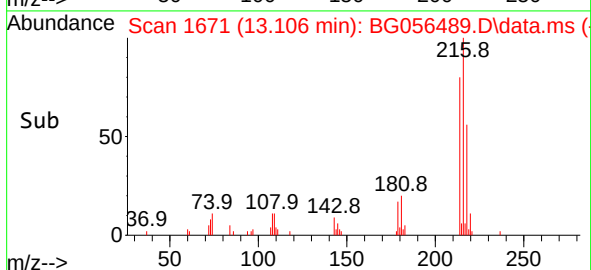
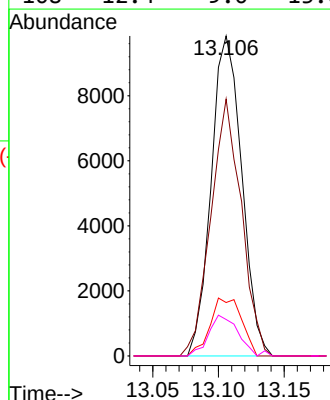
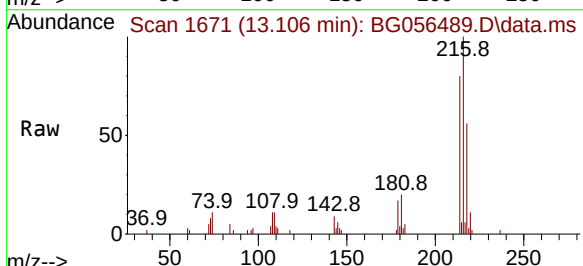
Ion Ratio Lower Upper

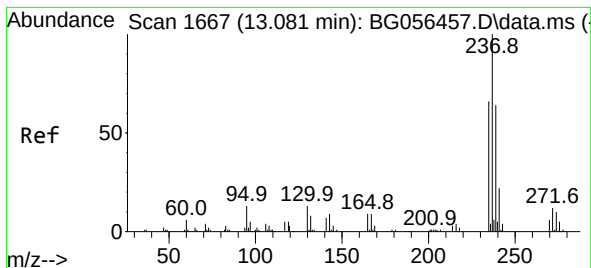
216 100

214 80.2 63.0 94.6

179 18.7 14.1 21.1

108 12.4 9.0 13.6





#41

Hexachlorocyclopentadiene

Concen: 7.787 ng

RT: 13.076 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056489.D

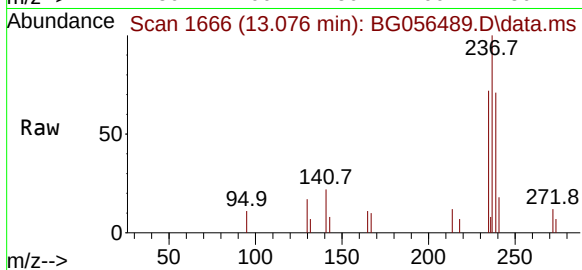
Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



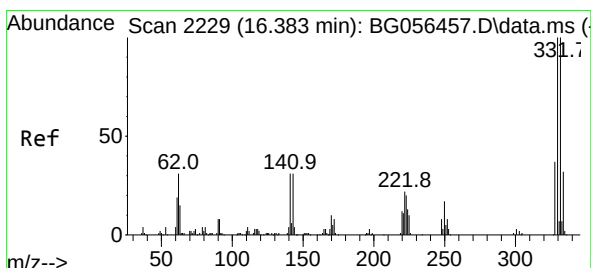
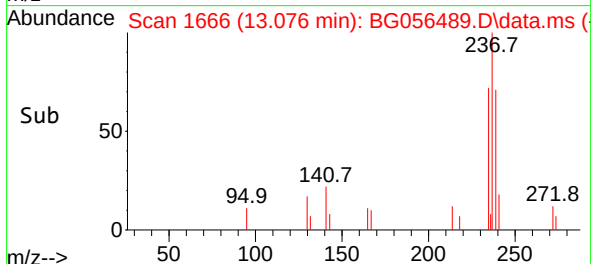
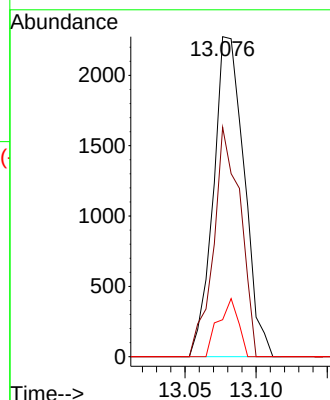
Tgt Ion:237 Resp: 3424

Ion Ratio Lower Upper

237 100

235 71.7 45.6 85.6

272 11.6 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 112.193 ng

RT: 16.378 min Scan# 2228

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

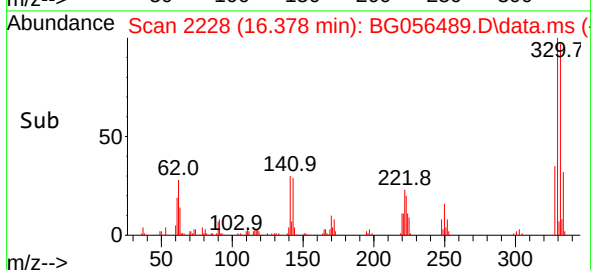
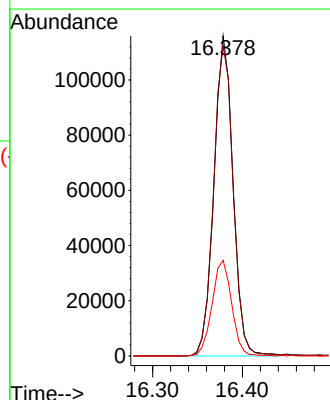
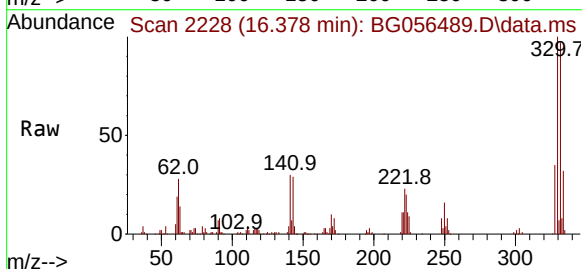
Tgt Ion:330 Resp: 171437

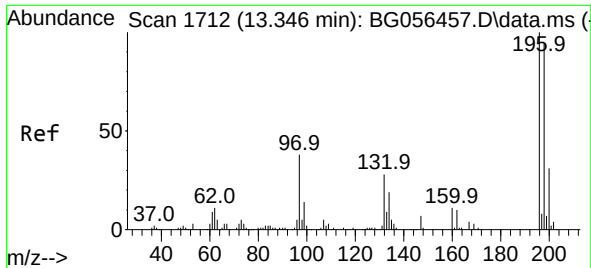
Ion Ratio Lower Upper

330 100

332 99.7 79.0 118.6

141 30.6 24.2 36.4

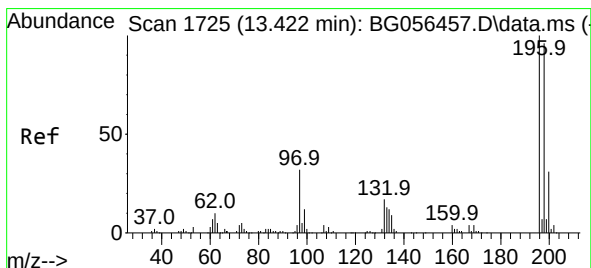
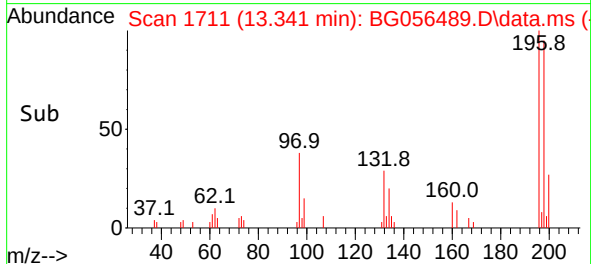
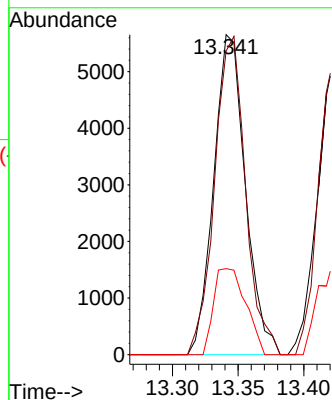
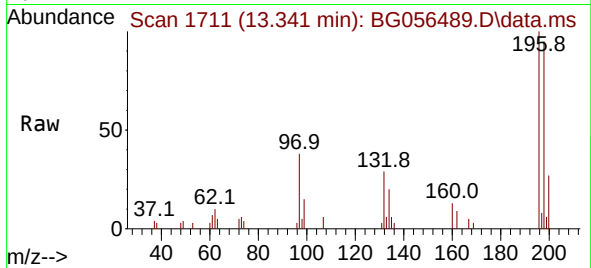




#43
2,4,6-Trichlorophenol
Concen: 3.502 ng
RT: 13.341 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

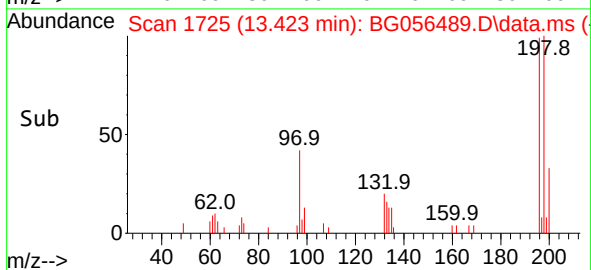
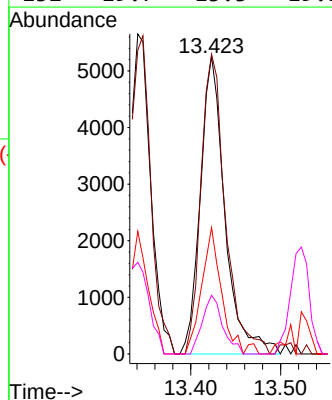
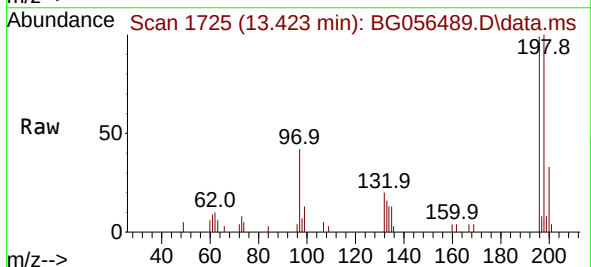
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

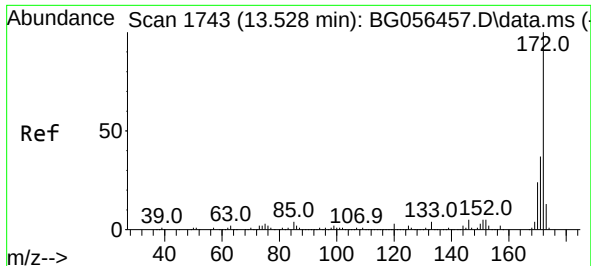
Tgt Ion:196 Resp: 9476
Ion Ratio Lower Upper
196 100
198 94.9 75.4 113.0
200 26.9 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 3.155 ng
RT: 13.423 min Scan# 1725
Delta R.T. 0.007 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:196 Resp: 9997
Ion Ratio Lower Upper
196 100
198 100.6 76.9 115.3
97 42.4 25.8 38.6#
132 19.7 13.3 19.9

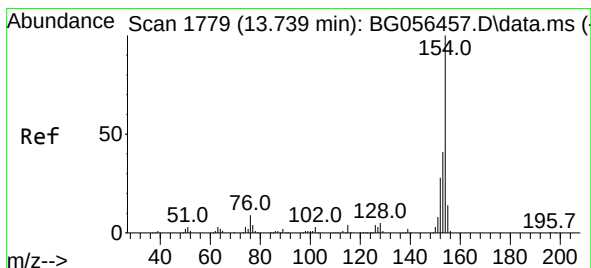
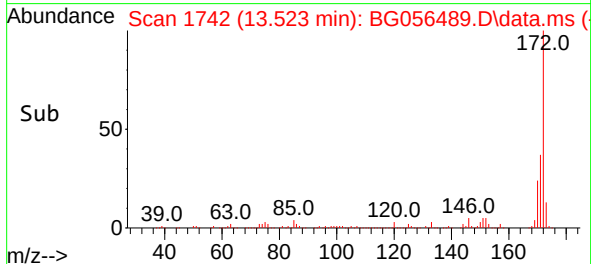
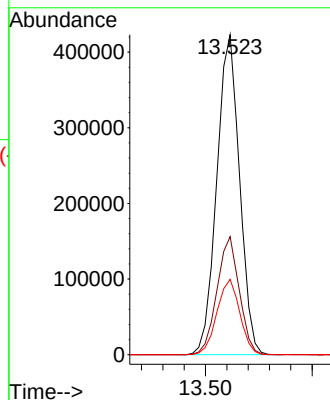
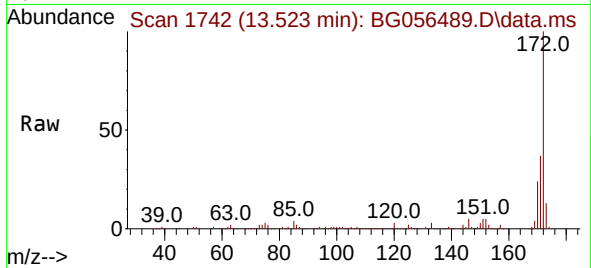




#45
2-Fluorobiphenyl
Concen: 75.501 ng
RT: 13.523 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

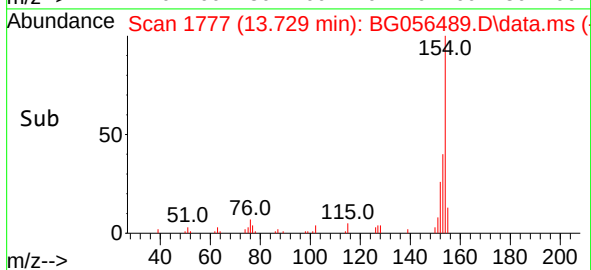
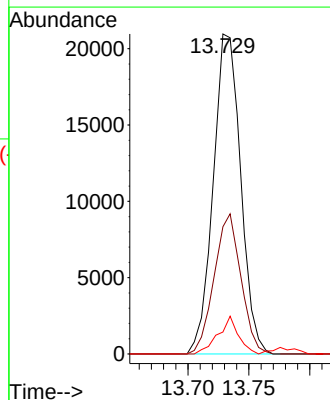
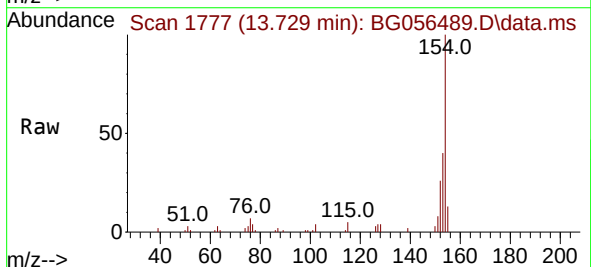
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

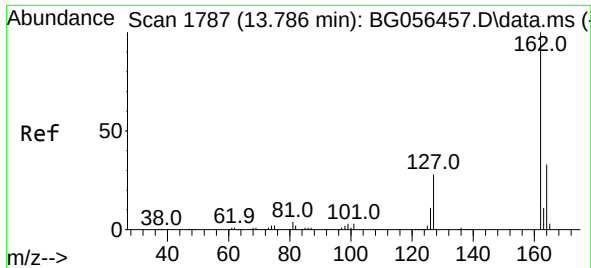
Tgt Ion:172 Resp: 625934
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 23.6 19.2 28.8



#46
1,1'-Biphenyl
Concen: 3.931 ng
RT: 13.729 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:154 Resp: 32775
Ion Ratio Lower Upper
154 100
153 39.7 21.5 61.5
76 6.8 0.0 28.8

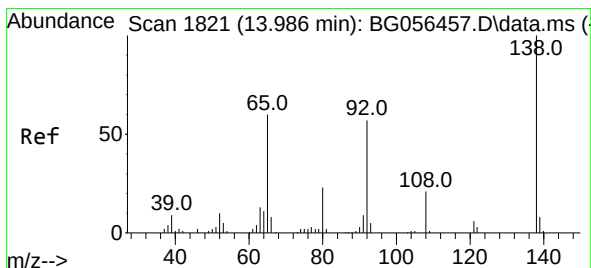
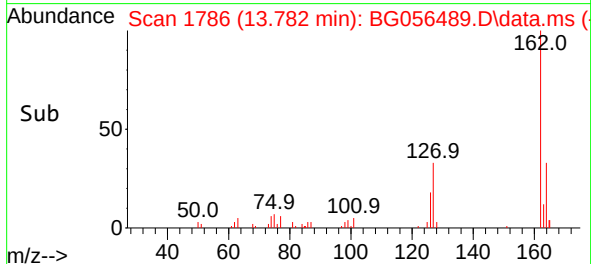
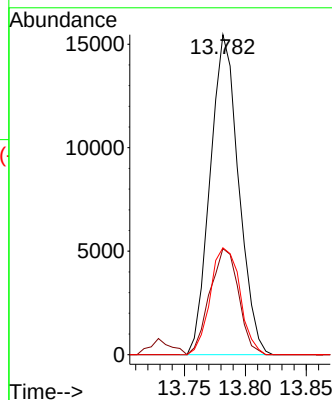
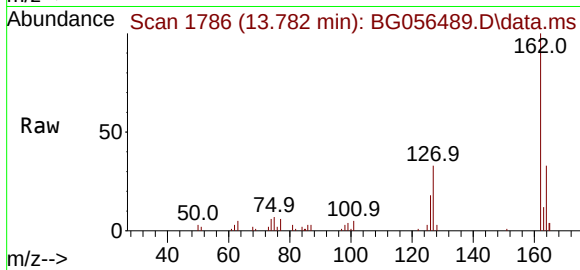




#47
2-Chloronaphthalene
Concen: 3.849 ng
RT: 13.782 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

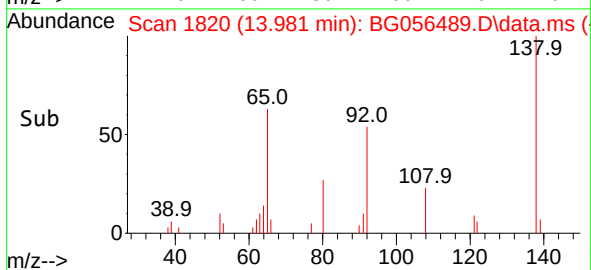
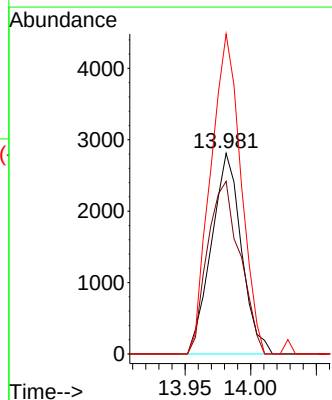
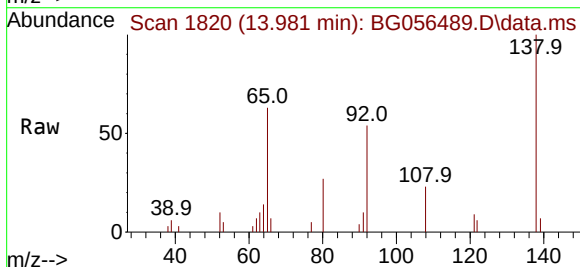
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

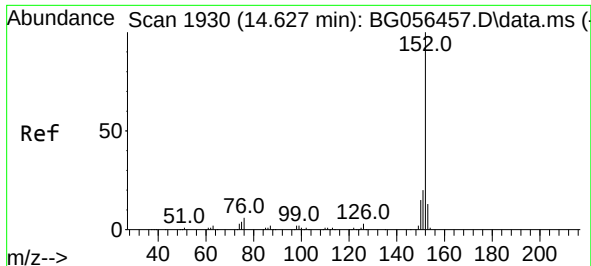
Tgt Ion:162 Resp: 25082
Ion Ratio Lower Upper
162 100
127 33.1 25.2 37.8
164 33.4 26.2 39.2



#48
2-Nitroaniline
Concen: 3.315 ng
RT: 13.981 min Scan# 1820
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion: 65 Resp: 4466
Ion Ratio Lower Upper
65 100
92 86.1 75.8 113.6
138 159.4 133.2 199.8

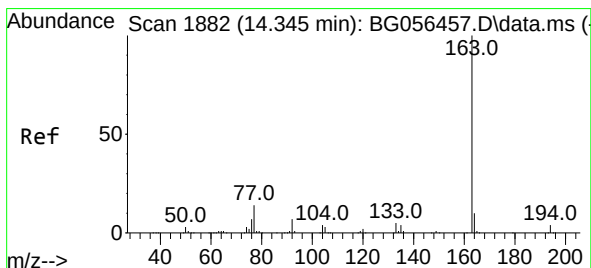
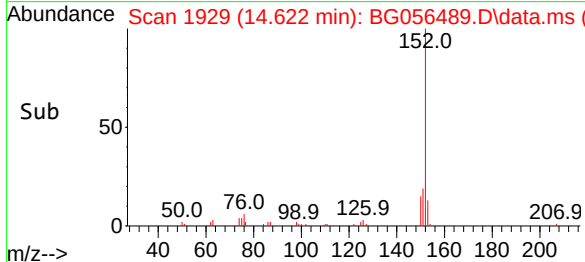
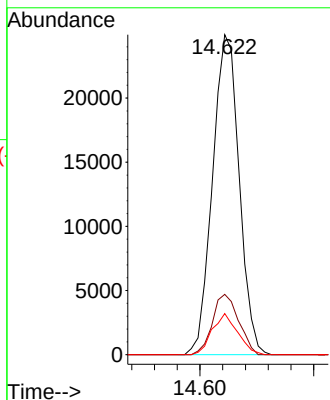
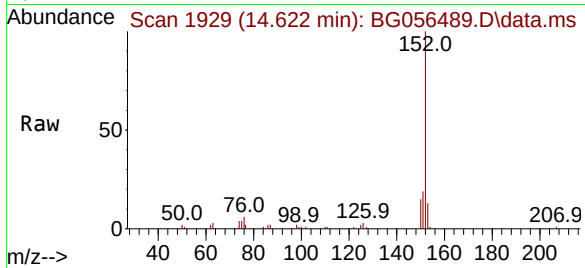




#49
Acenaphthylene
Concen: 3.827 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

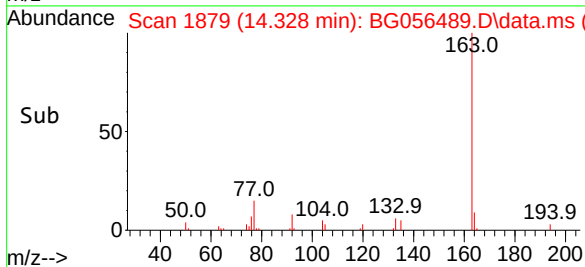
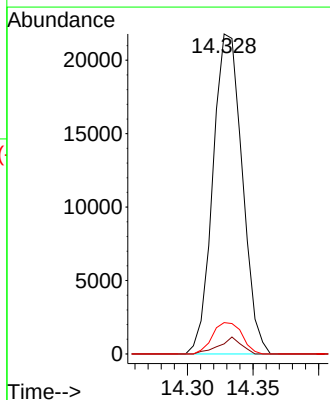
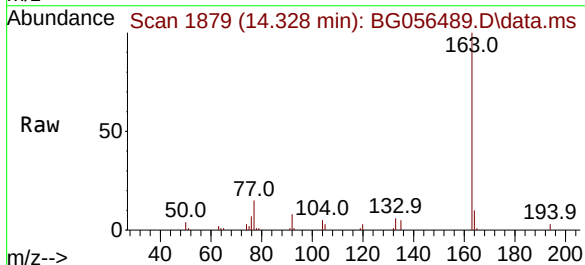
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

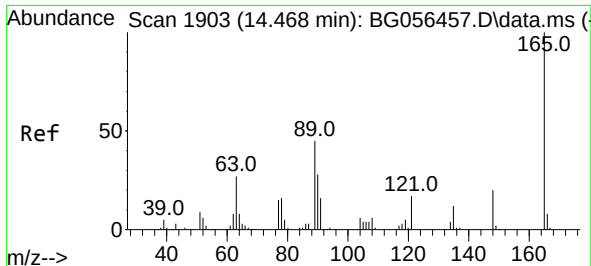
Tgt Ion:152	Resp:	40577
Ion Ratio	Lower	Upper
152	100	
151	18.8	15.9 23.9
153	12.8	10.5 15.7



#50
Dimethylphthalate
Concen: 3.638 ng
RT: 14.328 min Scan# 1879
Delta R.T. -0.011 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:163	Resp:	33831
Ion Ratio	Lower	Upper
163	100	
194	3.2	3.5 5.3#
164	9.8	8.1 12.1

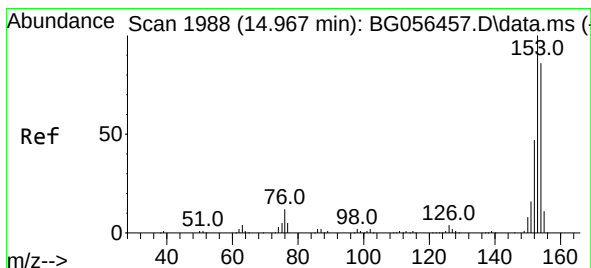
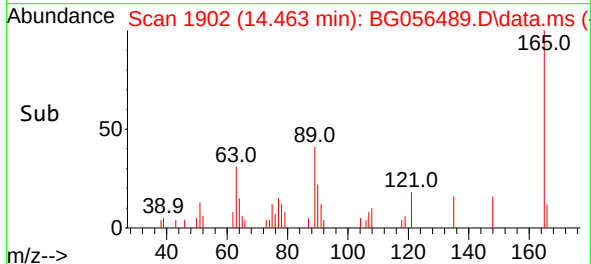
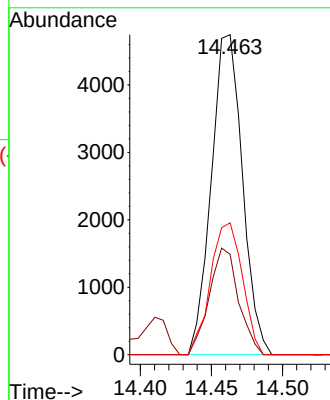
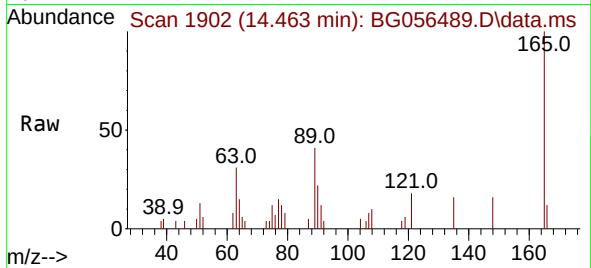




#51
2,6-Dinitrotoluene
Concen: 3.563 ng
RT: 14.463 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

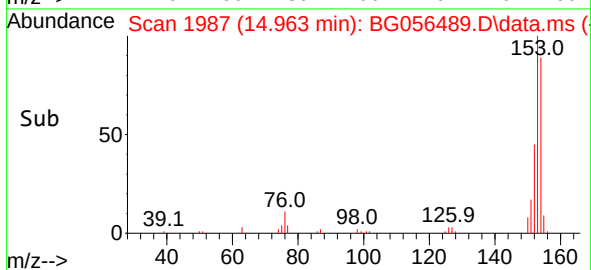
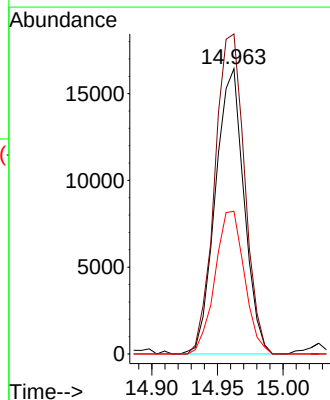
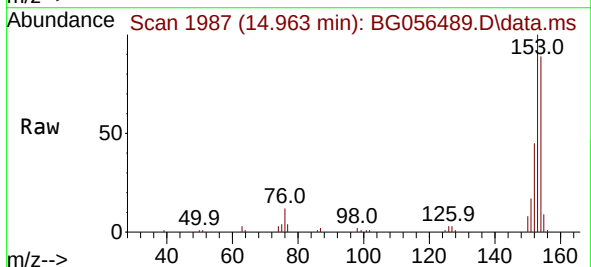
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

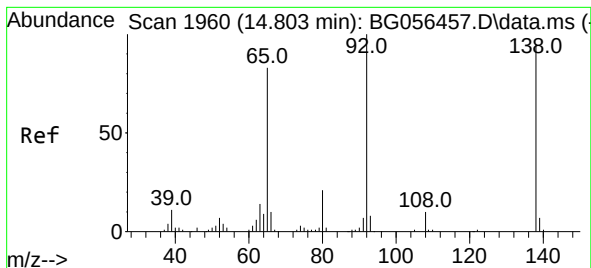
Tgt Ion:165 Resp: 7225
Ion Ratio Lower Upper
165 100
63 31.4 26.9 40.3
89 41.2 35.6 53.4



#52
Acenaphthene
Concen: 3.959 ng
RT: 14.963 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:154 Resp: 24892
Ion Ratio Lower Upper
154 100
153 112.2 93.4 140.0
152 50.0 43.4 65.2

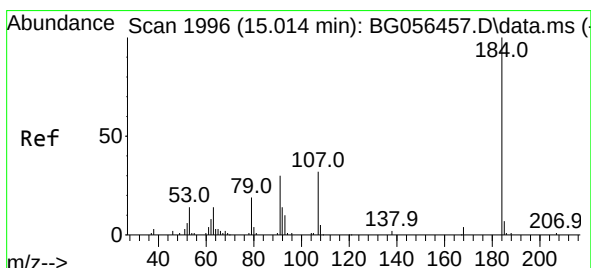
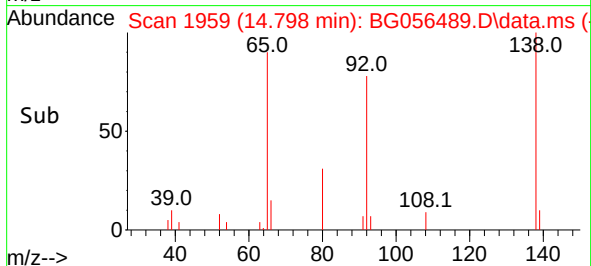
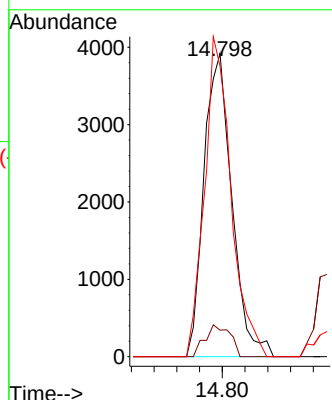
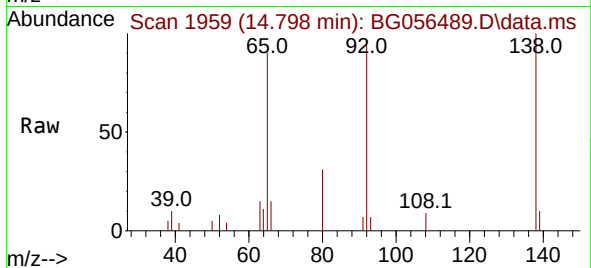




#53
3-Nitroaniline
Concen: 3.395 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

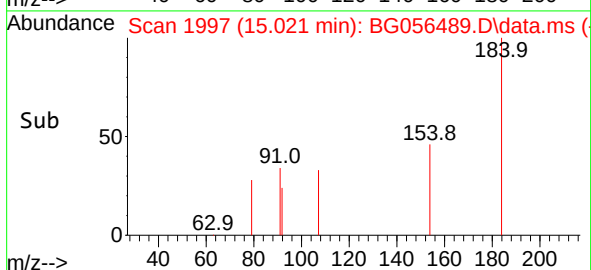
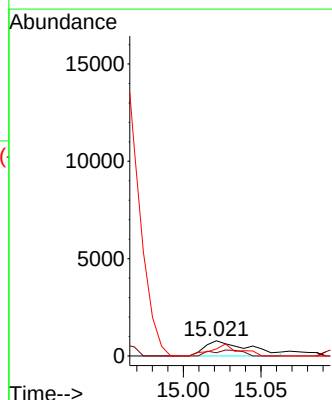
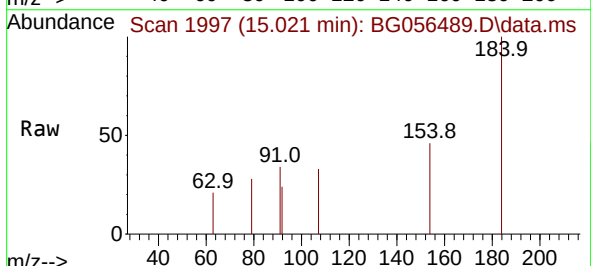
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

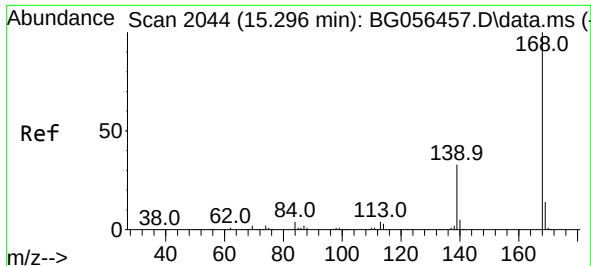
Tgt Ion:138 Resp: 6675
Ion Ratio Lower Upper
138 100
108 8.8 8.0 12.0
92 95.8 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 1.200 ng
RT: 15.021 min Scan# 1997
Delta R.T. 0.013 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:184 Resp: 1526
Ion Ratio Lower Upper
184 100
63 20.5 25.1 37.7#
154 46.1 44.8 67.2

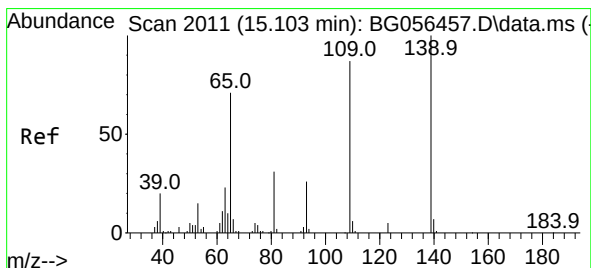
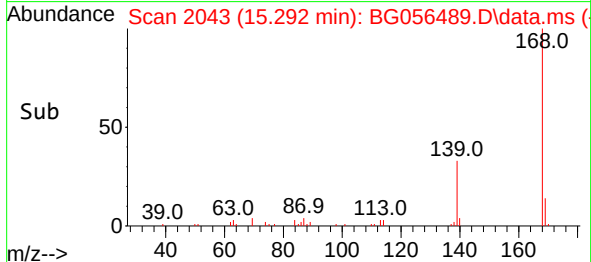
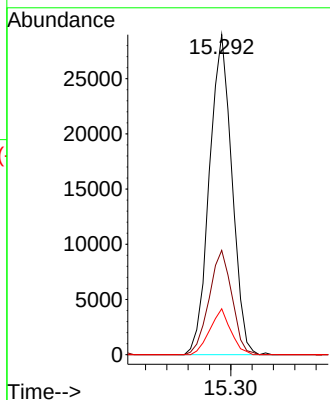
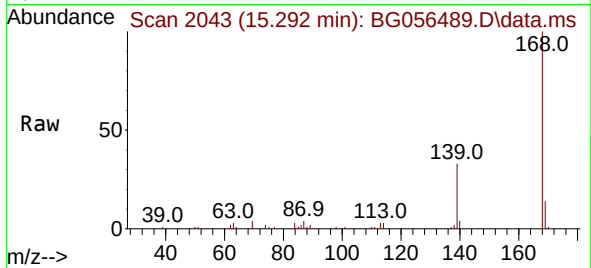




#55
Dibenzenofuran
Concen: 3.775 ng
RT: 15.292 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

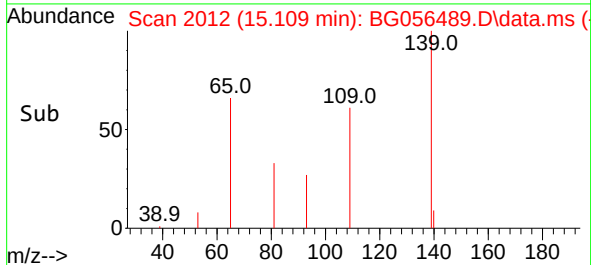
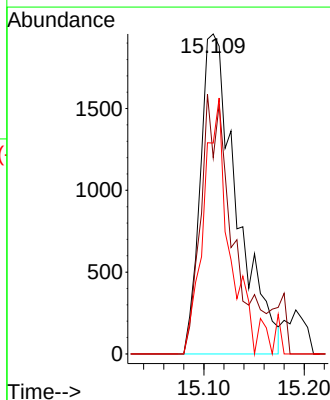
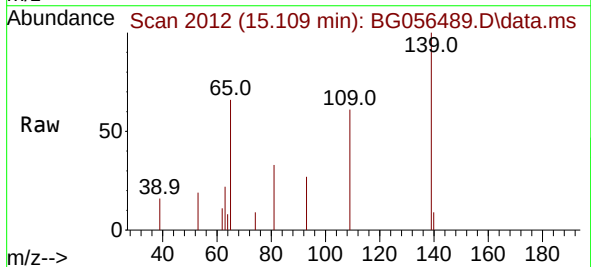
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

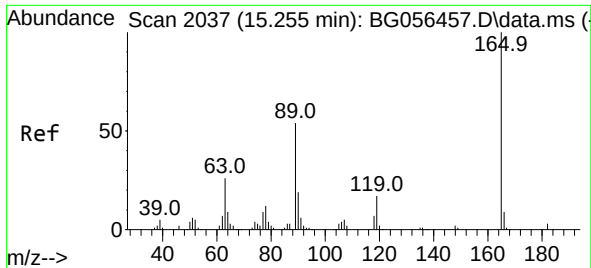
Tgt Ion:168 Resp: 42566
Ion Ratio Lower Upper
168 100
139 32.6 26.2 39.2
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 3.677 ng
RT: 15.109 min Scan# 2012
Delta R.T. 0.013 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:139 Resp: 4939
Ion Ratio Lower Upper
139 100
109 61.3 67.5 107.5#
65 65.9 50.7 90.7

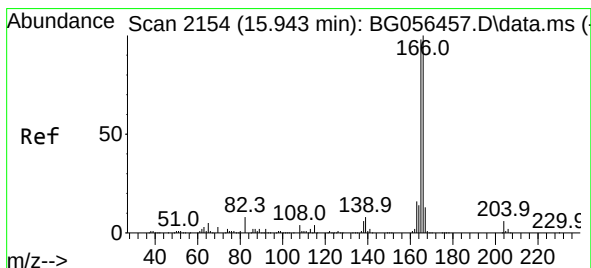
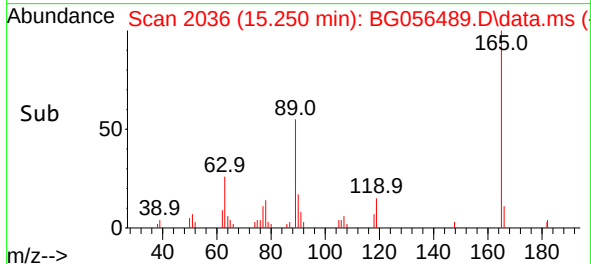
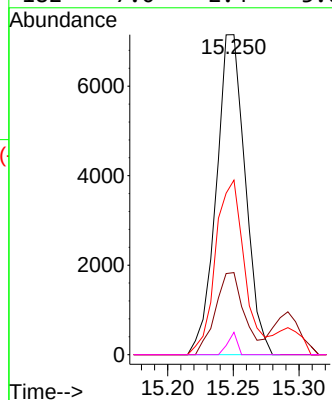
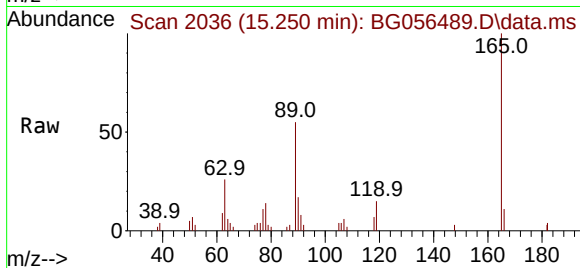




#57
2,4-Dinitrotoluene
Concen: 3.837 ng
RT: 15.250 min Scan# 2036
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

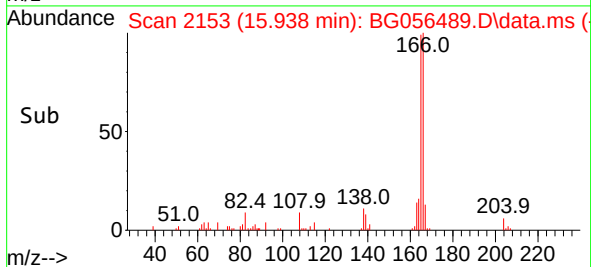
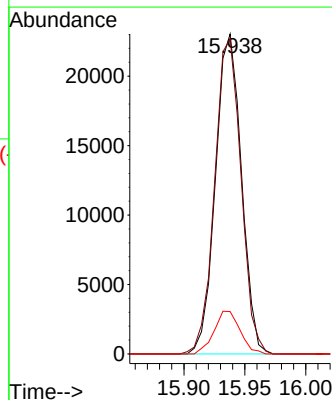
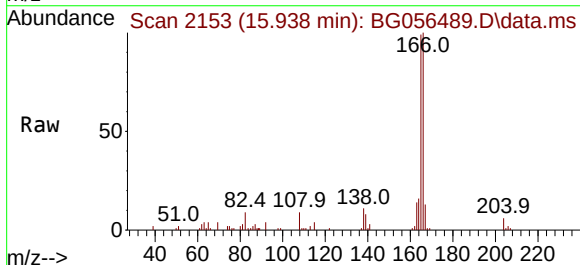
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

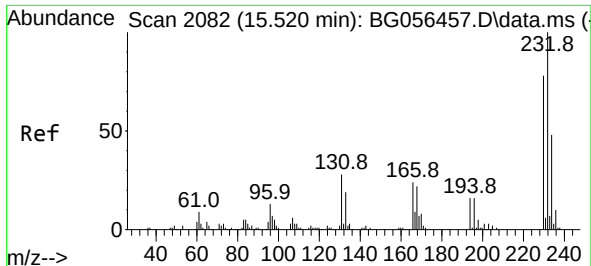
Tgt Ion:165 Resp: 10959
Ion Ratio Lower Upper
165 100
63 25.6 20.6 31.0
89 54.5 43.1 64.7
182 7.0 2.4 3.6#



#58
Fluorene
Concen: 3.801 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:166 Resp: 34102
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.3 10.6 15.8

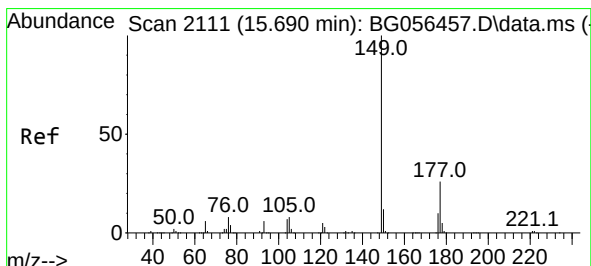
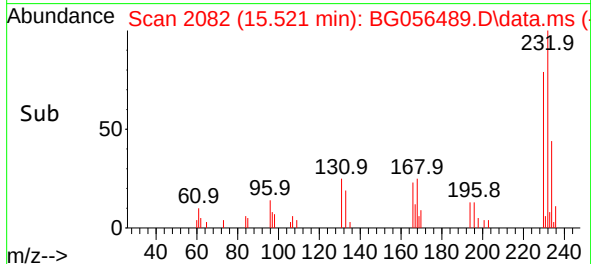
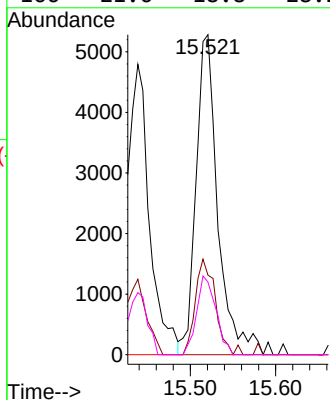
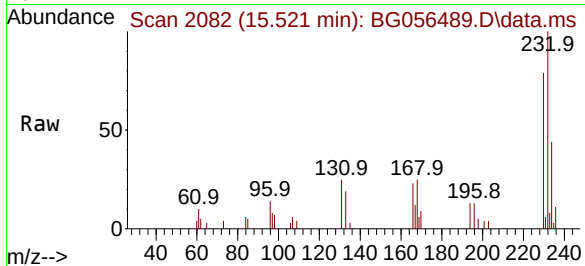




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.344 ng
RT: 15.521 min Scan# 2082
Delta R.T. 0.007 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

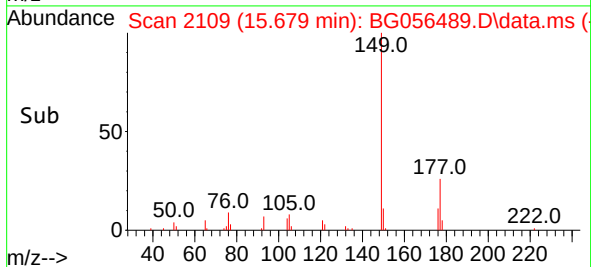
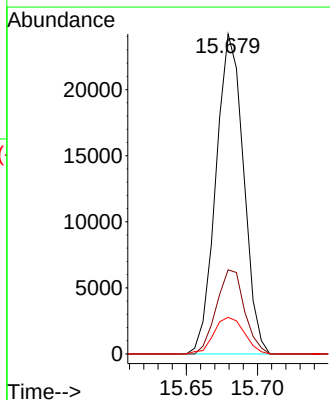
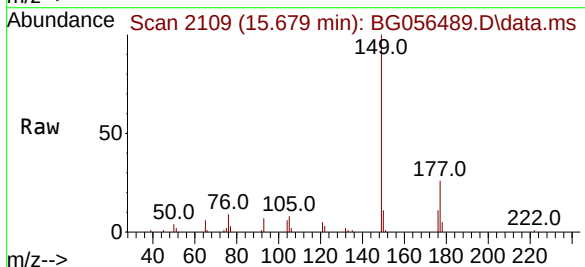
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

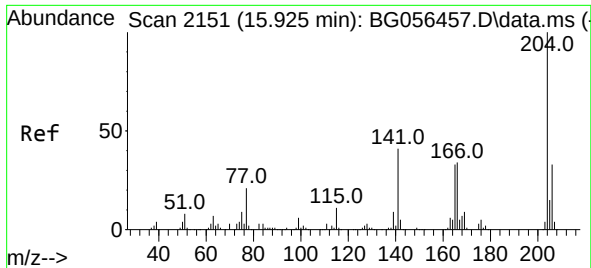
Tgt Ion:232 Resp: 9420
Ion Ratio Lower Upper
232 100
131 27.5 22.8 34.2
130 0.0 1.4 2.0#
166 21.6 18.8 28.2



#60
Diethylphthalate
Concen: 3.741 ng
RT: 15.679 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:149 Resp: 32668
Ion Ratio Lower Upper
149 100
177 26.3 21.0 31.4
150 11.4 9.9 14.9

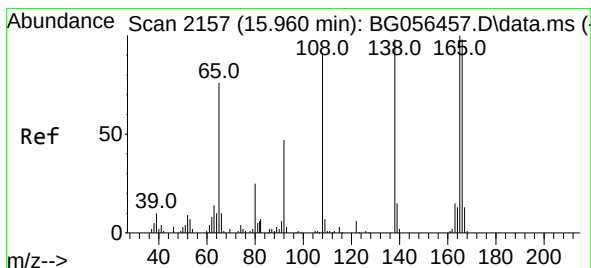
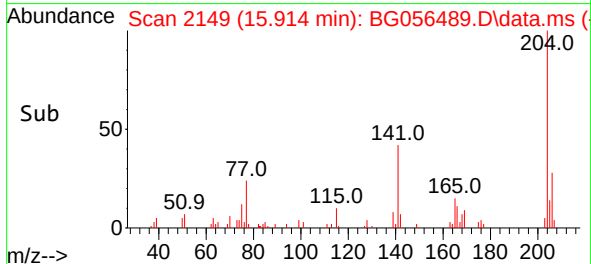
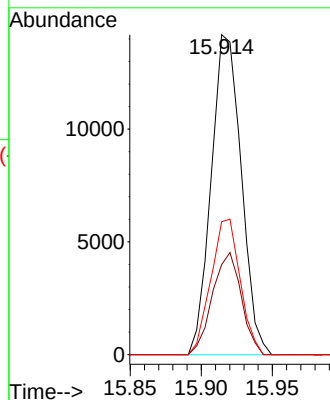
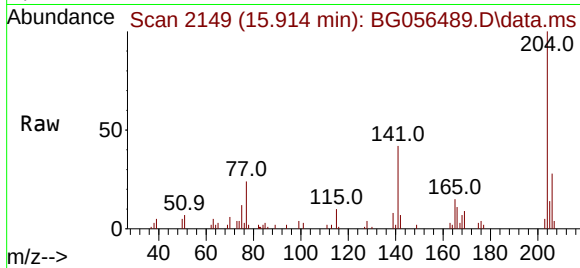




#61
4-Chlorophenyl-phenylether
Concen: 3.815 ng
RT: 15.914 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

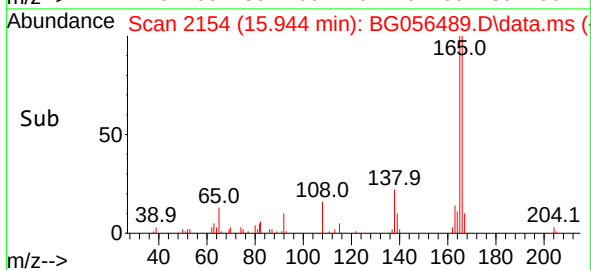
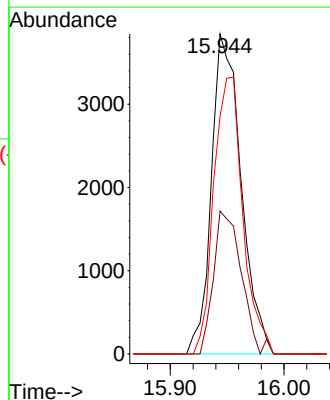
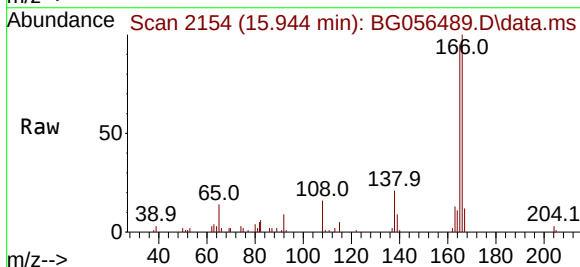
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

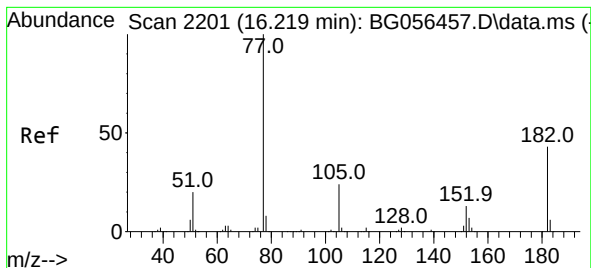
Tgt Ion:204 Resp: 20887
Ion Ratio Lower Upper
204 100
206 28.2 26.2 39.4
141 41.6 32.7 49.1



#62
4-Nitroaniline
Concen: 3.541 ng
RT: 15.944 min Scan# 2154
Delta R.T. -0.017 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:138 Resp: 6965
Ion Ratio Lower Upper
138 100
92 44.7 27.8 67.8
108 74.2 72.6 112.6





#63

Azobenzene

Concen: 3.633 ng

RT: 16.208 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 21830

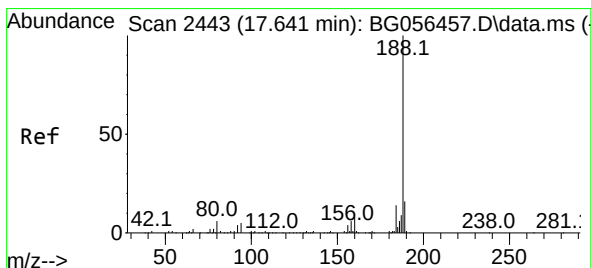
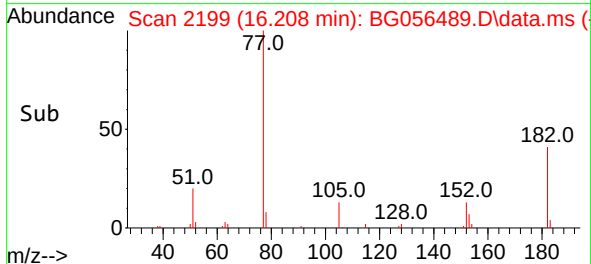
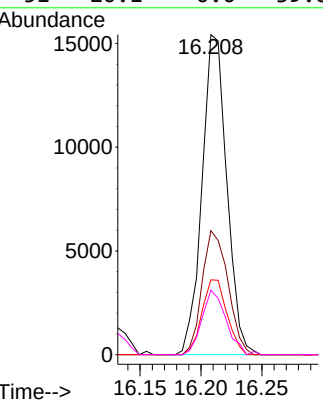
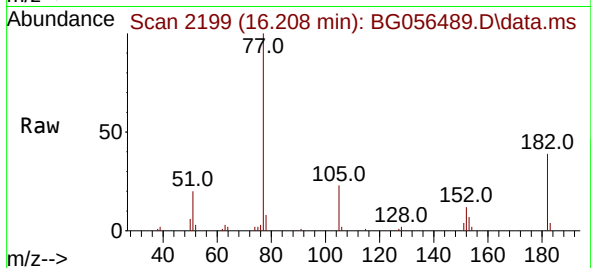
Ion Ratio Lower Upper

77 100

182 38.8 23.1 63.1

105 23.4 4.2 44.2

51 20.1 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.636 min Scan# 2442

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

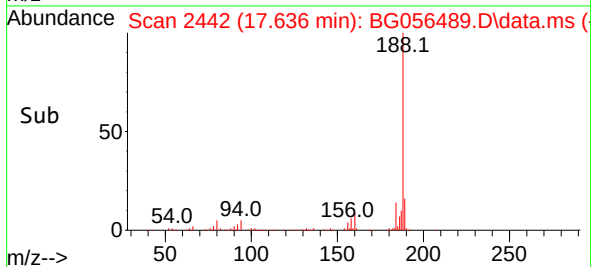
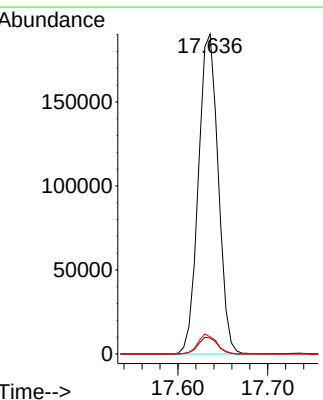
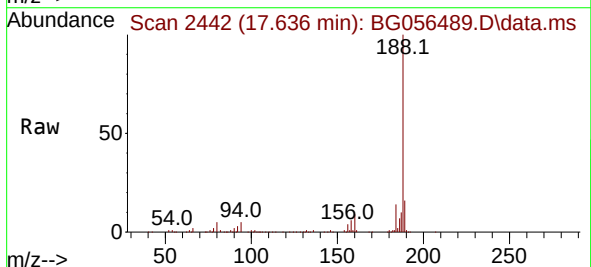
Tgt Ion:188 Resp: 291460

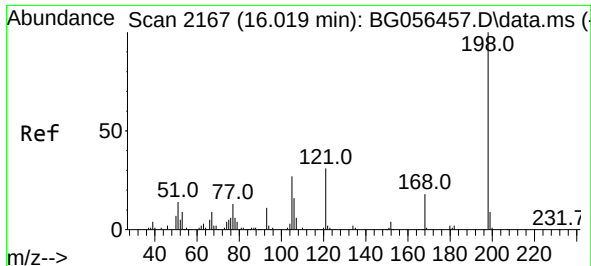
Ion Ratio Lower Upper

188 100

94 5.0 4.1 6.1

80 5.4 5.0 7.4

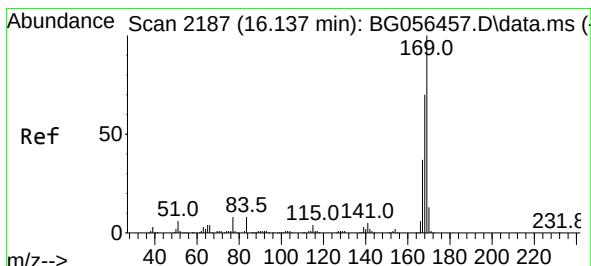
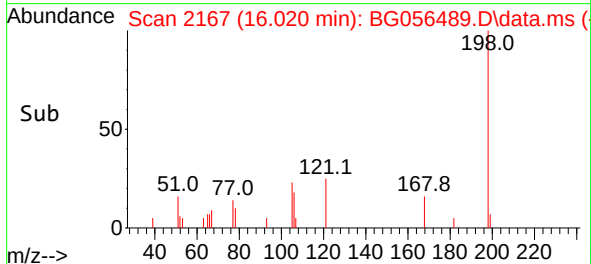
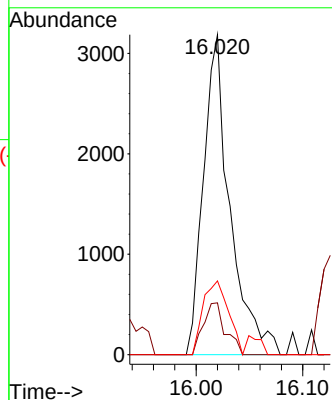
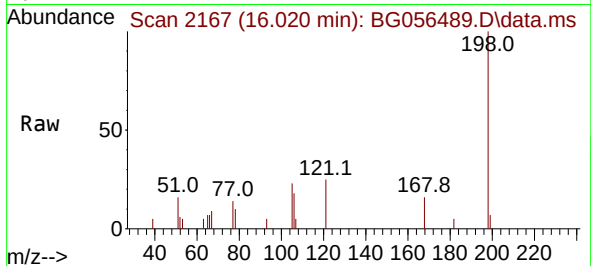




#65
4,6-Dinitro-2-methylphenol
Concen: 2.691 ng
RT: 16.020 min Scan# 2167
Delta R.T. 0.007 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

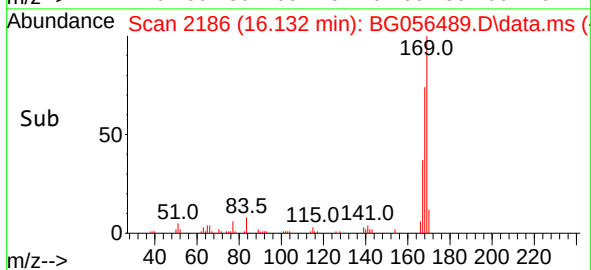
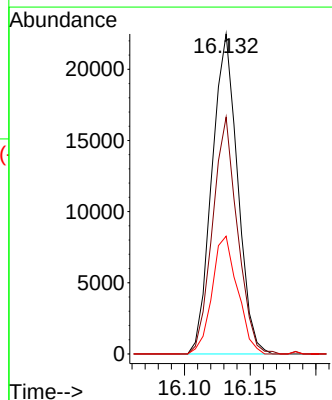
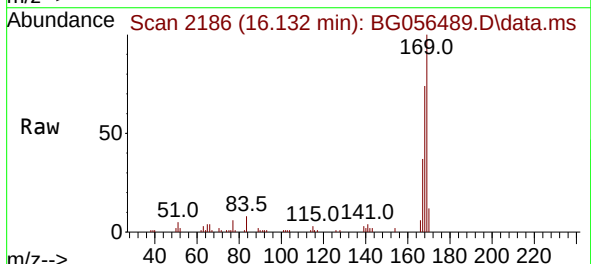
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

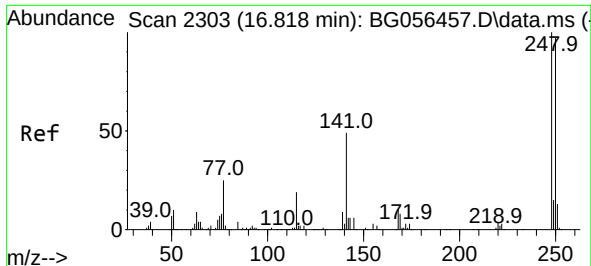
Tgt Ion	Ratio	Lower	Upper
198	100		
51	16.2	0.0	35.0
105	23.1	7.4	47.4



#66
n-Nitrosodiphenylamine
Concen: 3.698 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.0	55.8	83.6
167	36.8	29.8	44.8

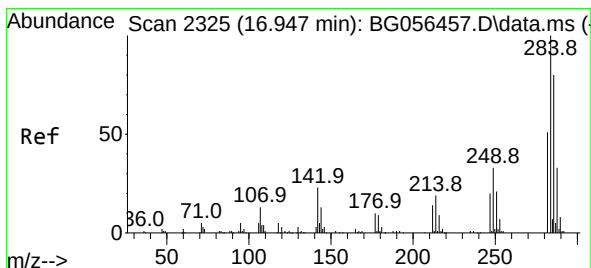
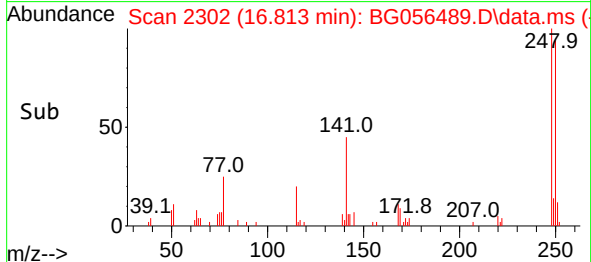
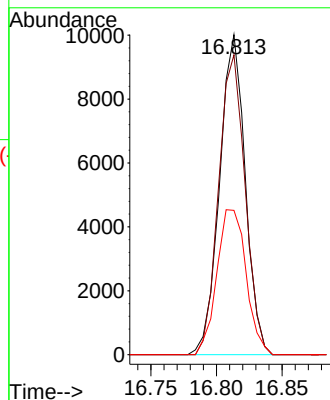
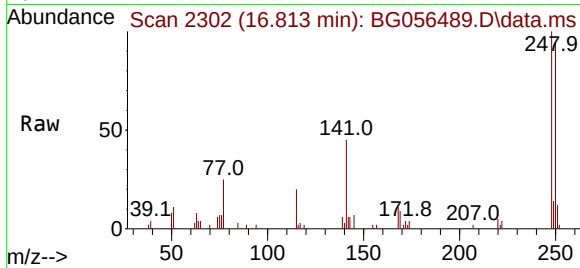




#67
4-Bromophenyl-phenylether
Concen: 3.646 ng
RT: 16.813 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

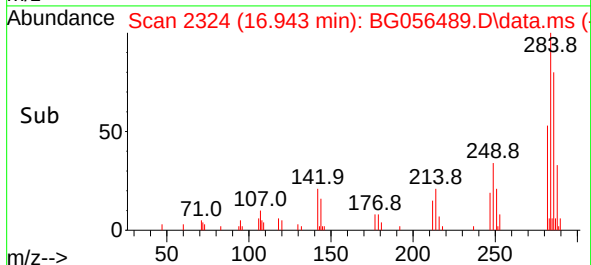
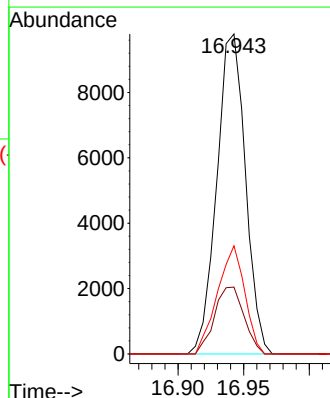
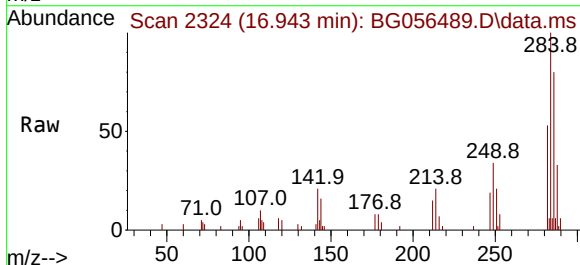
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

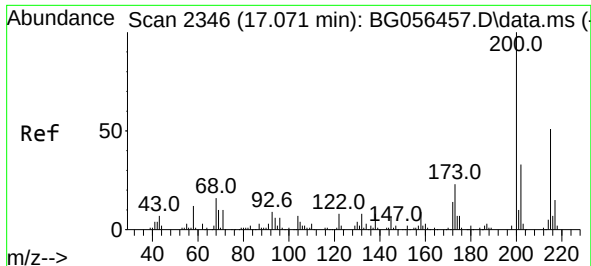
Tgt Ion:248 Resp: 13603
Ion Ratio Lower Upper
248 100
250 93.7 77.6 116.4
141 45.1 39.0 58.4



#68
Hexachlorobenzene
Concen: 4.066 ng
RT: 16.943 min Scan# 2324
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:284 Resp: 14858
Ion Ratio Lower Upper
284 100
142 20.9 18.0 27.0
249 33.8 26.7 40.1

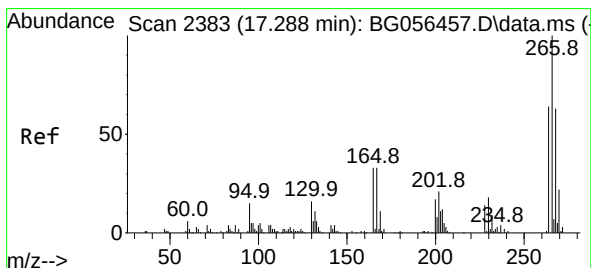
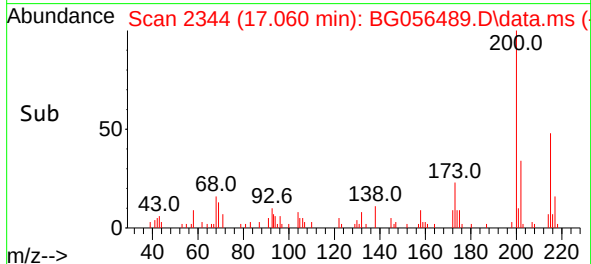
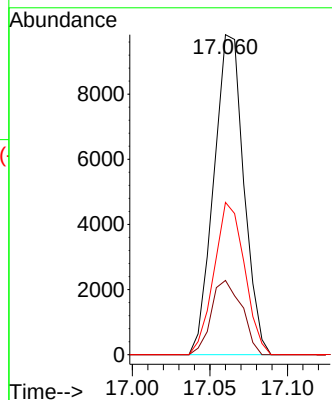
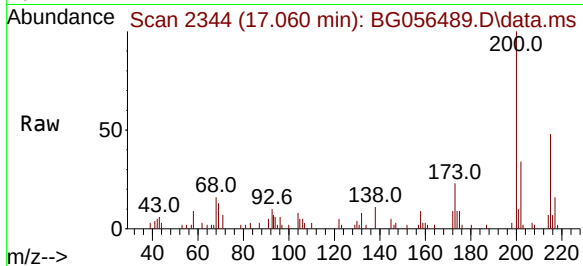




#69
 Atrazine
 Concen: 4.149 ng
 RT: 17.060 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

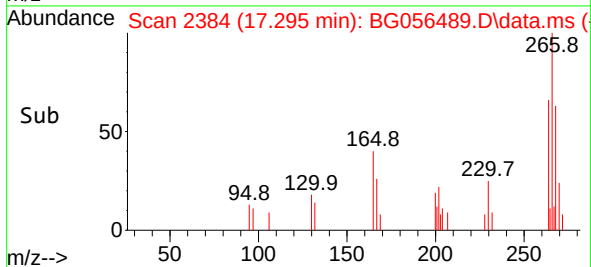
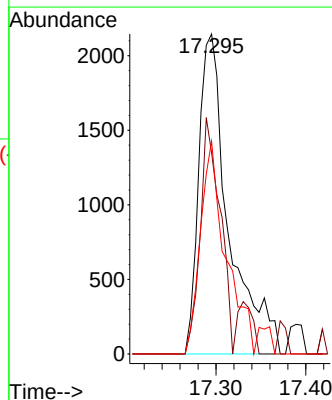
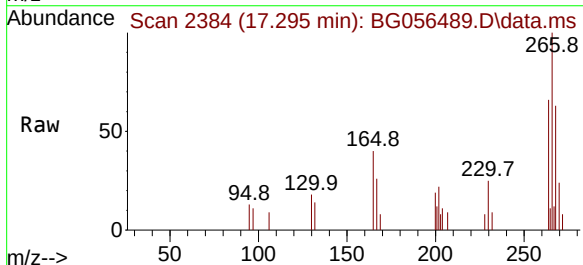
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

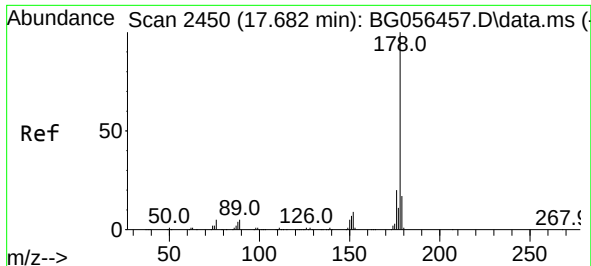
Tgt Ion:200 Resp: 13209
 Ion Ratio Lower Upper
 200 100
 173 23.2 3.2 43.2
 215 47.6 30.7 70.7



#70
 Pentachlorophenol
 Concen: 2.258 ng
 RT: 17.295 min Scan# 2384
 Delta R.T. 0.013 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

Tgt Ion:266 Resp: 4994
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.2 75.4
 264 77.4 51.4 77.0#

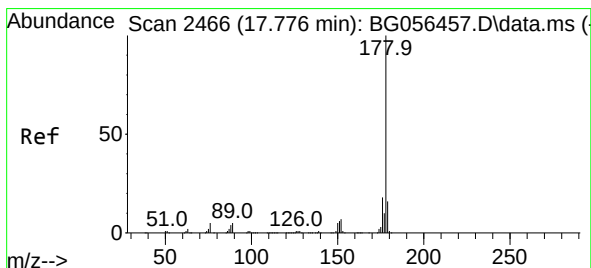
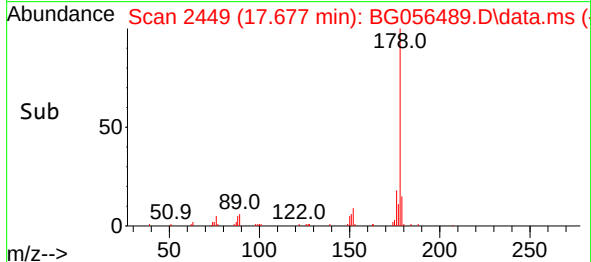
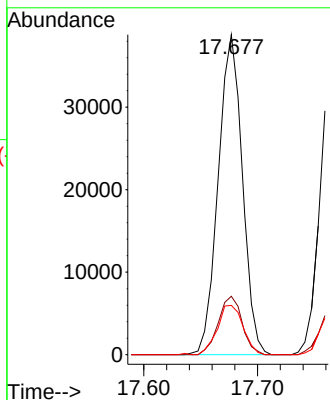
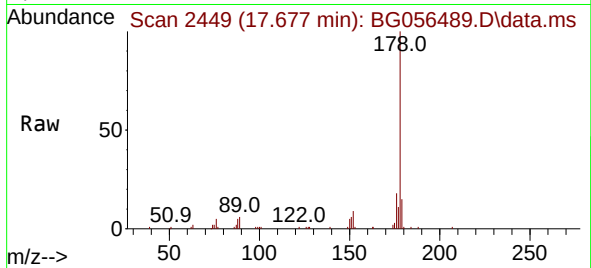




#71
Phenanthrene
Concen: 3.756 ng
RT: 17.677 min Scan# 2450
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

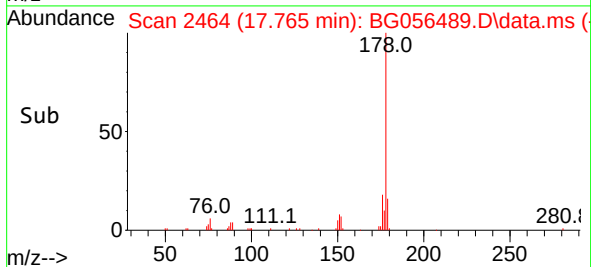
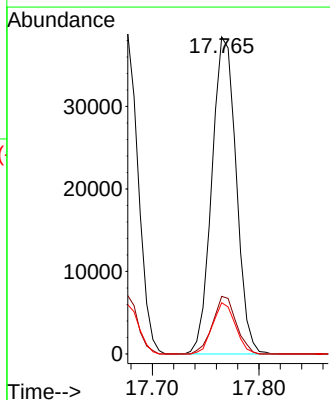
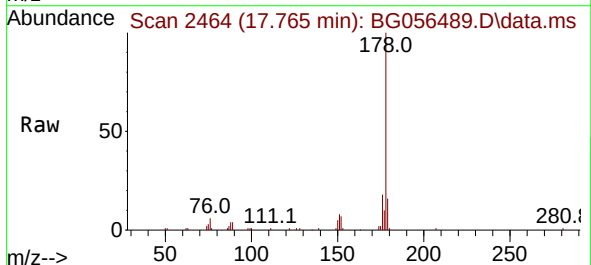
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

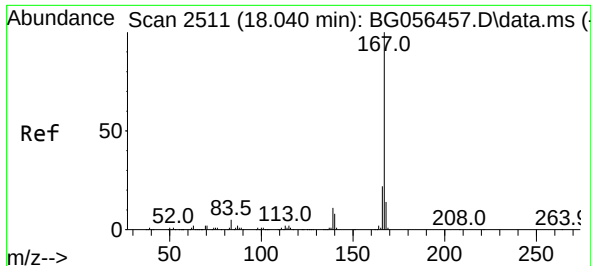
Tgt Ion:178 Resp: 57292
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 15.4 13.3 19.9



#72
Anthracene
Concen: 3.888 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:178 Resp: 60887
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 16.2 12.5 18.7

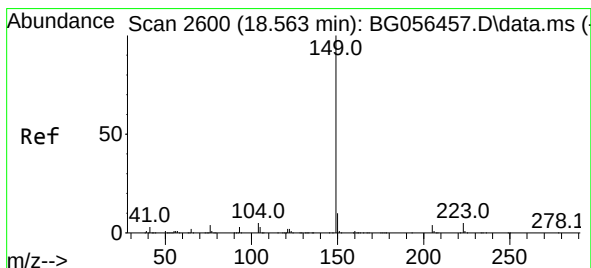
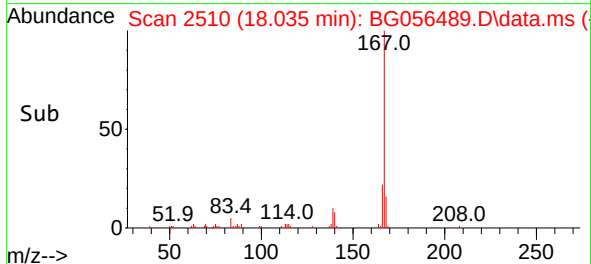
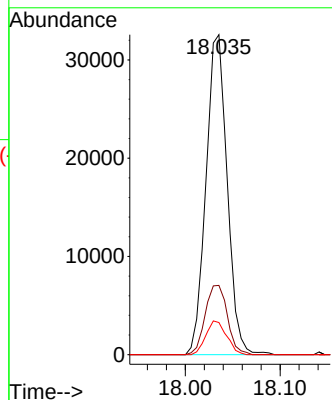
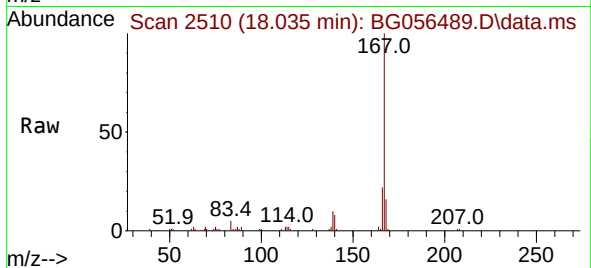




#73
 Carbazole
 Concen: 3.787 ng
 RT: 18.035 min Scan# 2511
 Delta R.T. 0.001 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

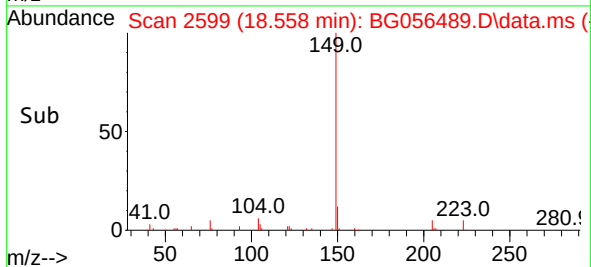
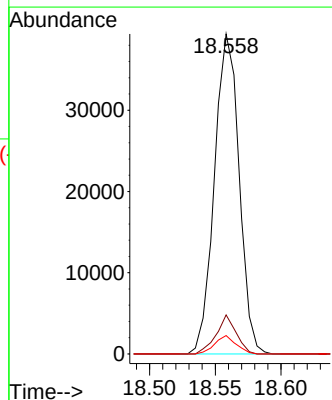
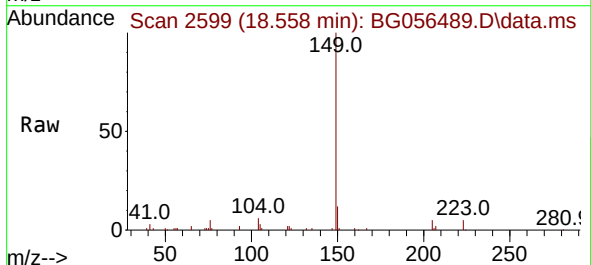
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

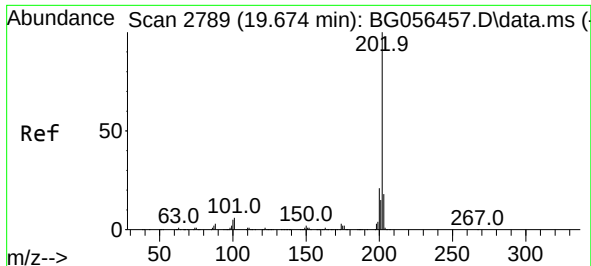
Tgt Ion:167	Resp:	50503
Ion Ratio	Lower	Upper
167	100	
166	21.6	17.8 26.6
139	10.1	8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 3.677 ng
 RT: 18.558 min Scan# 2599
 Delta R.T. -0.005 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

Tgt Ion:149	Resp:	51486
Ion Ratio	Lower	Upper
149	100	
150	12.2	7.8 11.6#
104	5.8	4.0 6.0

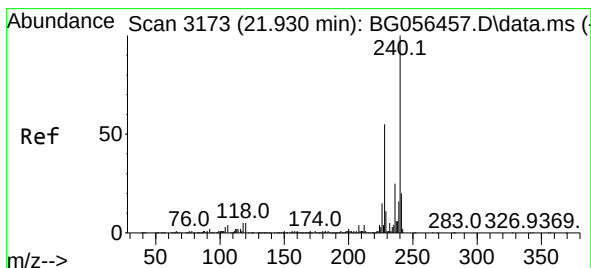
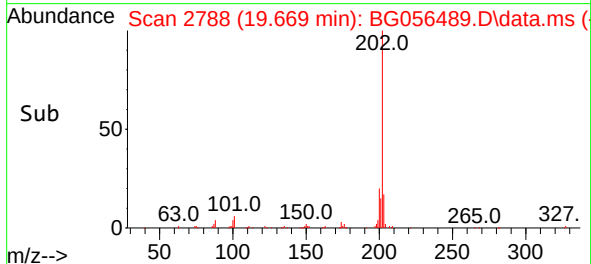
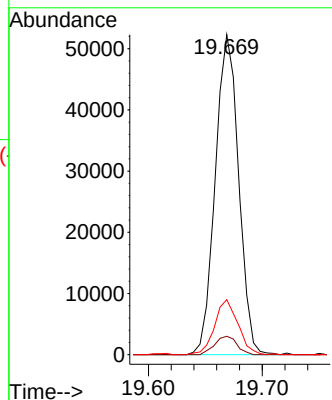
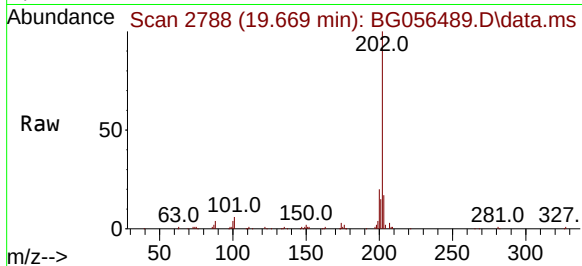




#75
Fluoranthene
Concen: 3.883 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

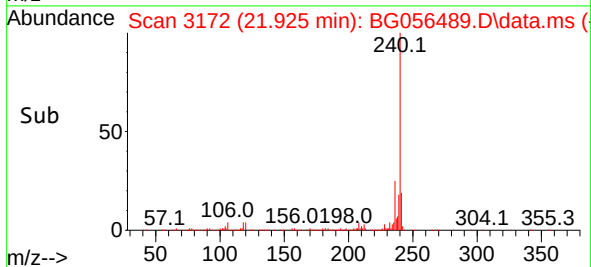
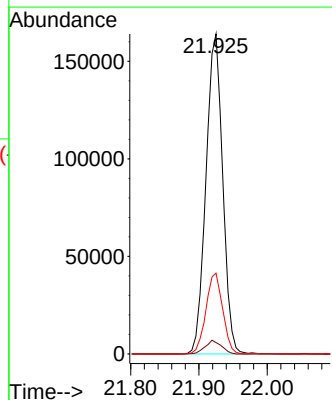
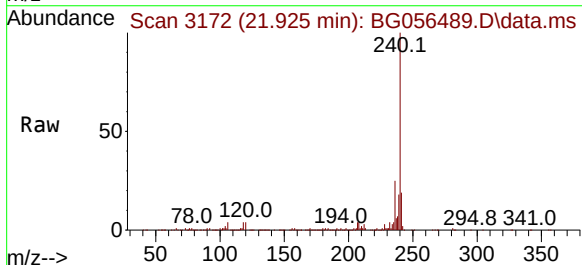
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

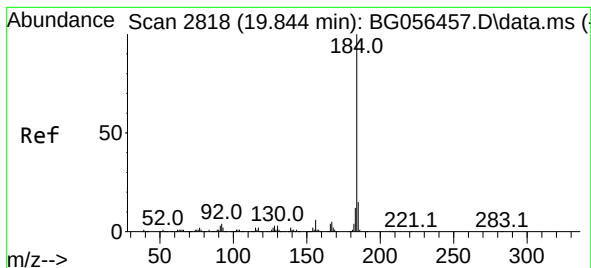
Tgt Ion:202 Resp: 74753
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.6
203 17.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:240 Resp: 279690
Ion Ratio Lower Upper
240 100
120 3.6 3.8 5.8#
236 25.2 20.2 30.2





#77

Benzidine

Concen: 5.244 ng

RT: 19.839 min Scan# 2817

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

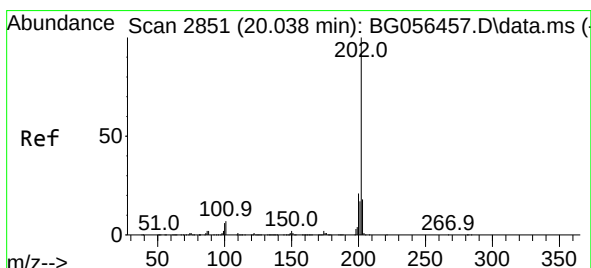
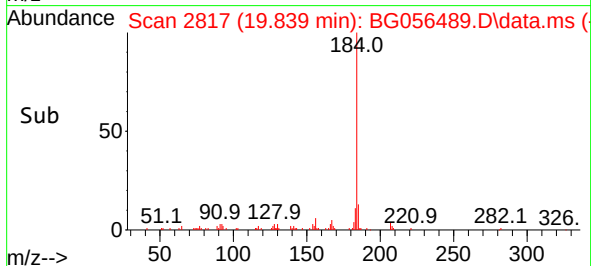
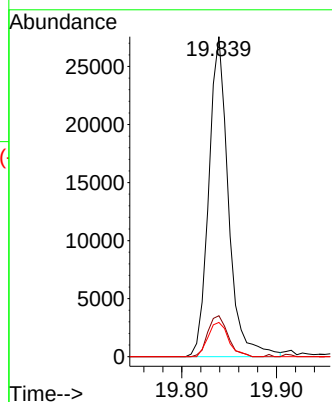
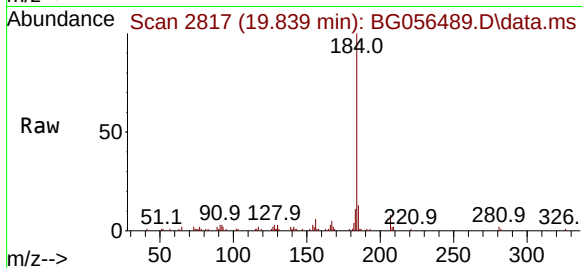
Tgt Ion:184 Resp: 39690

Ion Ratio Lower Upper

184 100

185 12.8 12.3 18.5

183 10.7 9.8 14.8



#78

Pyrene

Concen: 3.970 ng

RT: 20.027 min Scan# 2849

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

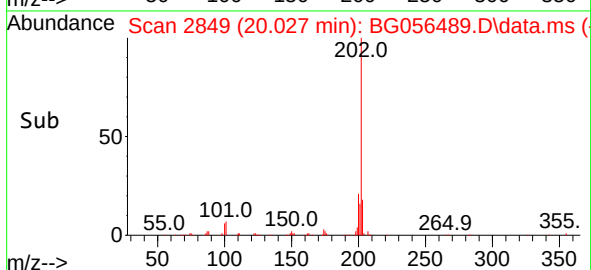
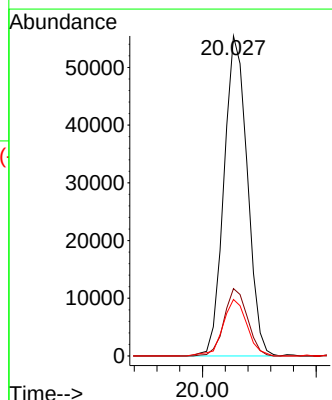
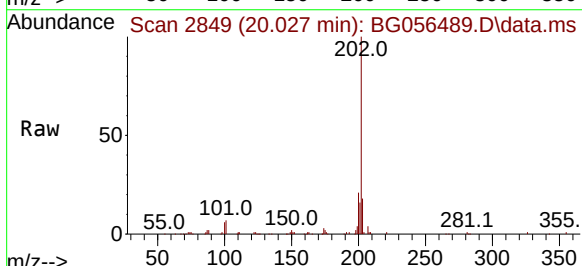
Tgt Ion:202 Resp: 78979

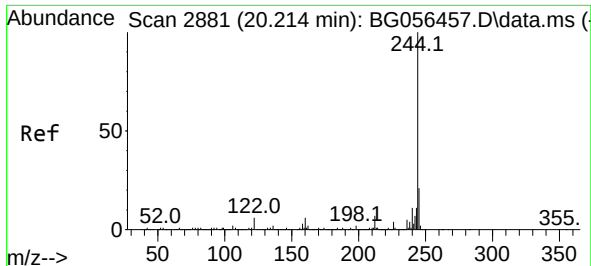
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.7 14.4 21.6

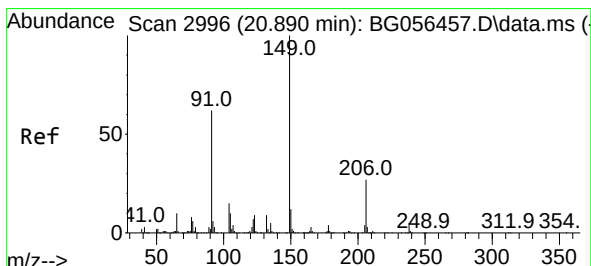
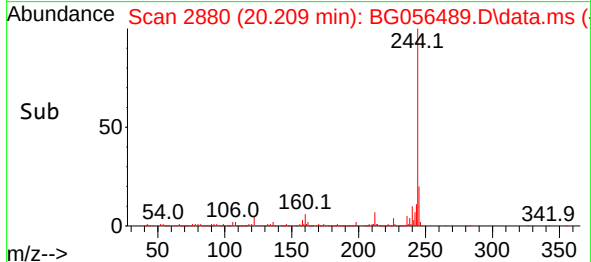
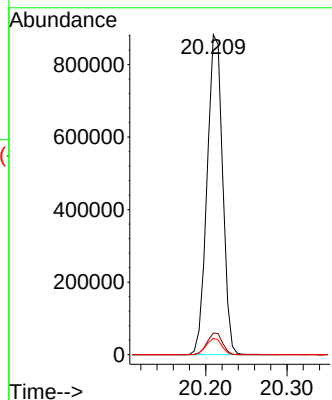
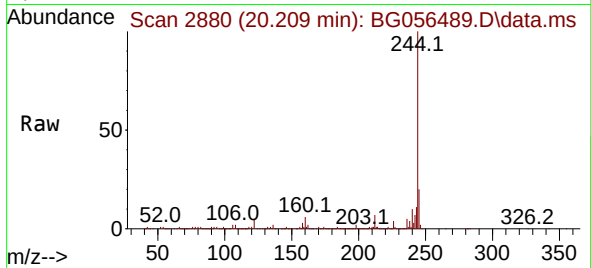




#79
 Terphenyl-d14
 Concen: 73.289 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

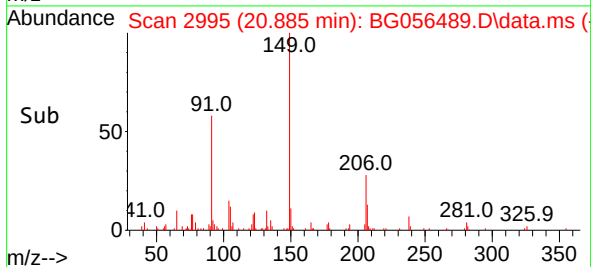
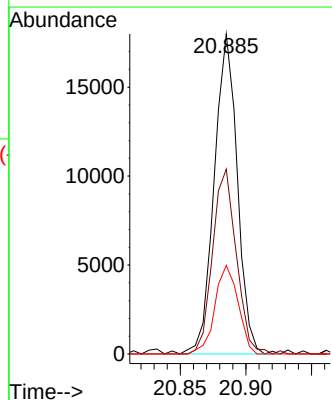
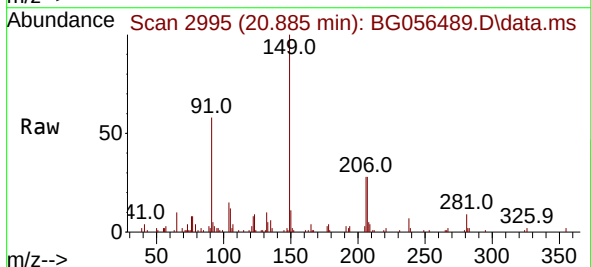
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

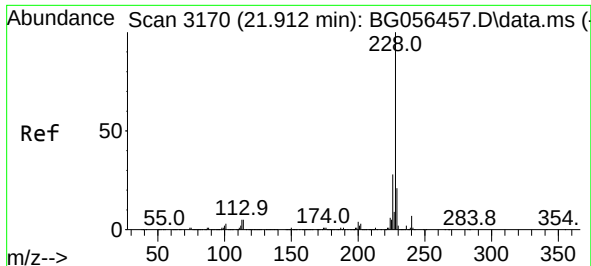
Tgt Ion:244 Resp: 1167086
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 5.1 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 3.613 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG056489.D
 Acq: 31 Jan 2023 17:34

Tgt Ion:149 Resp: 21948
 Ion Ratio Lower Upper
 149 100
 91 57.7 49.4 74.0
 206 27.7 22.0 33.0

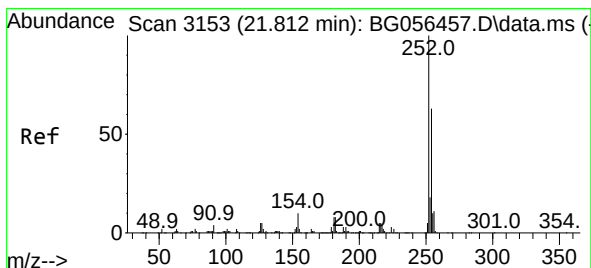
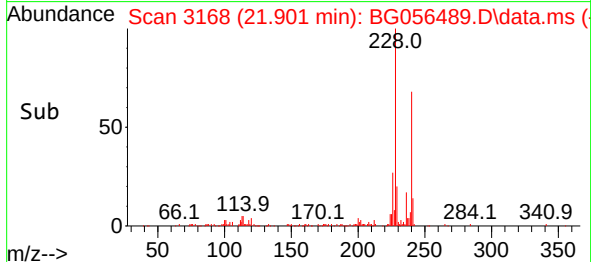
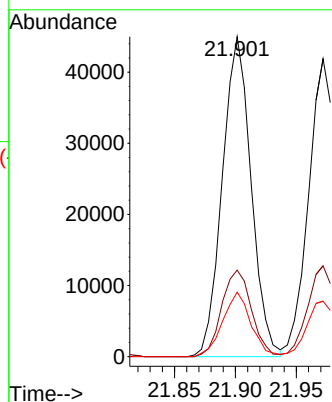
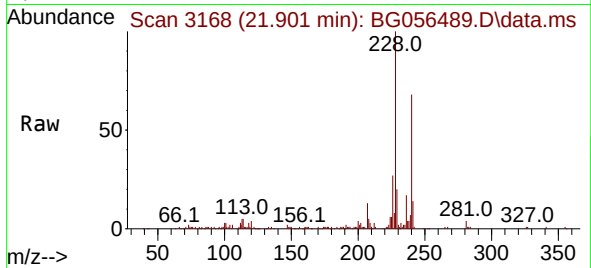




#81
Benzo(a)anthracene
Concen: 3.783 ng
RT: 21.901 min Scan# 3168
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

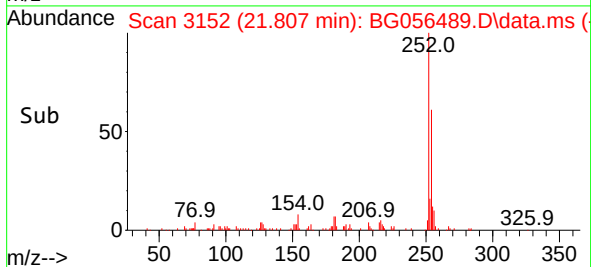
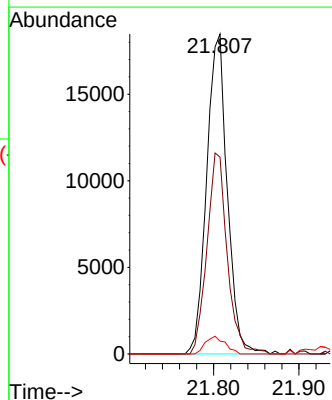
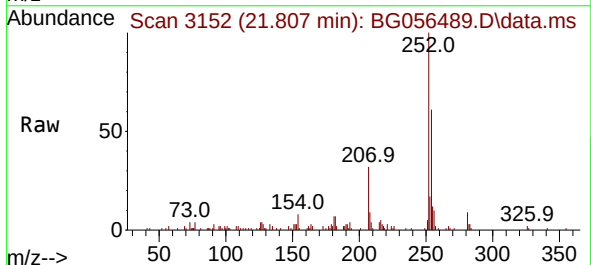
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

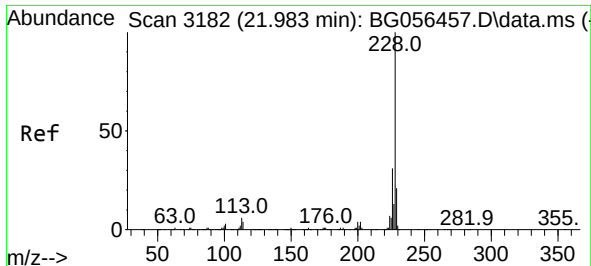
Tgt Ion:228 Resp: 73976
Ion Ratio Lower Upper
228 100
226 27.0 22.4 33.6
229 20.1 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 4.401 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:252 Resp: 30992
Ion Ratio Lower Upper
252 100
254 61.5 50.0 75.0
126 4.0 4.3 6.5#





#83

Chrysene

Concen: 3.738 ng

RT: 21.972 min Scan# 3180

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

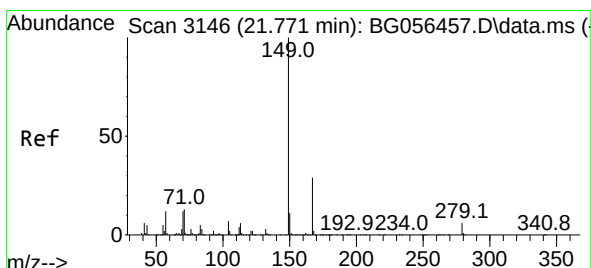
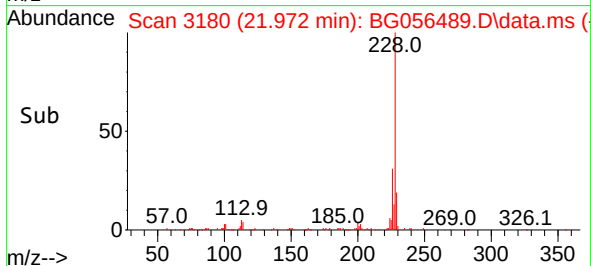
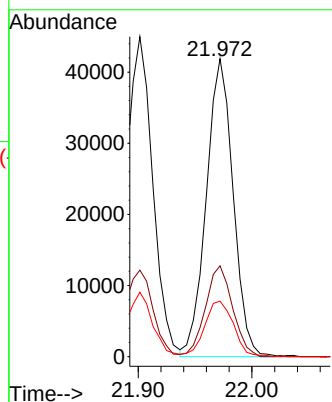
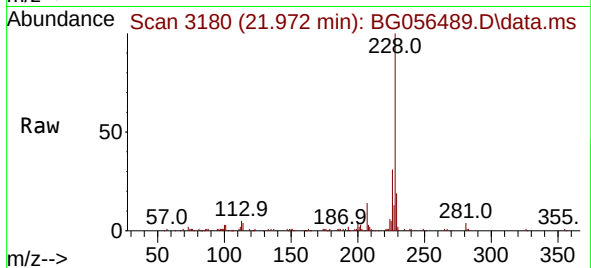
Tgt Ion:228 Resp: 68676

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

229 18.6 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.606 ng

RT: 21.760 min Scan# 3144

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

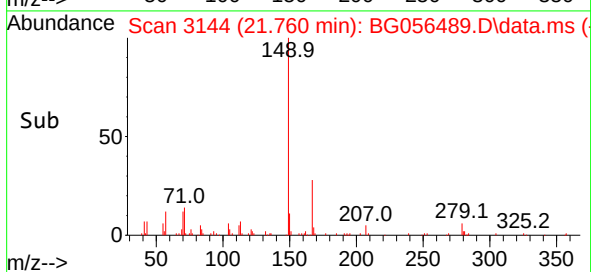
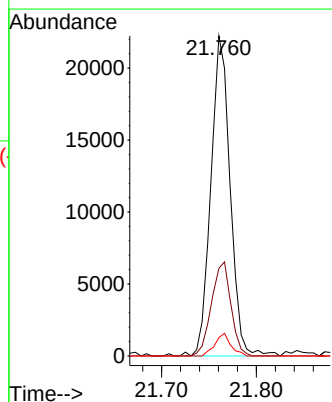
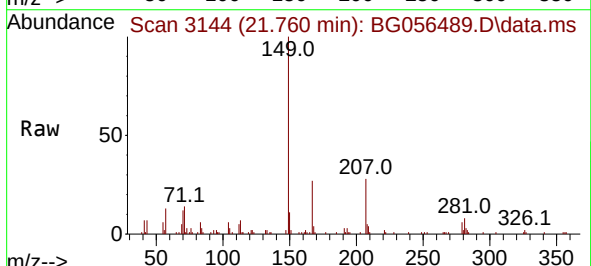
Tgt Ion:149 Resp: 31408

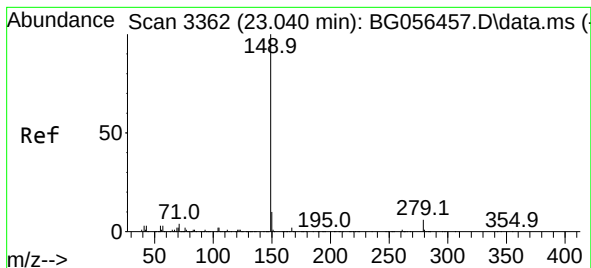
Ion Ratio Lower Upper

149 100

167 27.4 23.4 35.2

279 5.7 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 3.653 ng

RT: 23.035 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

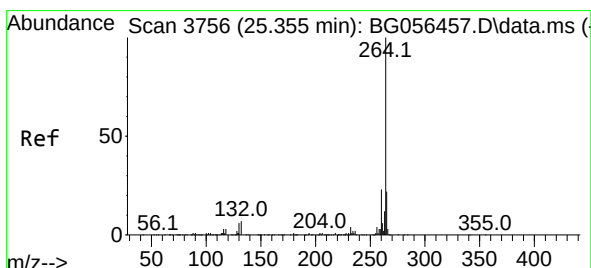
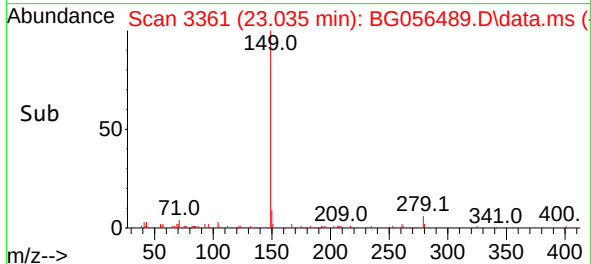
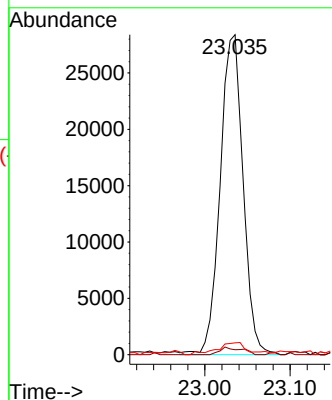
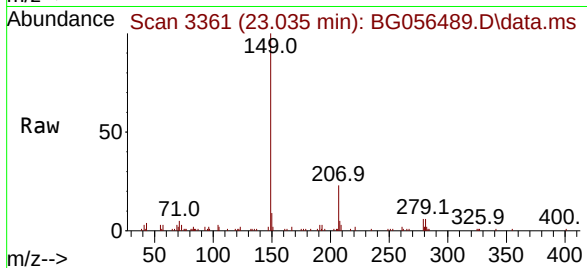
Tgt Ion:149 Resp: 52994

Ion Ratio Lower Upper

149 100

167 2.2 1.4 2.0#

43 4.8 2.7 4.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.344 min Scan# 3754

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

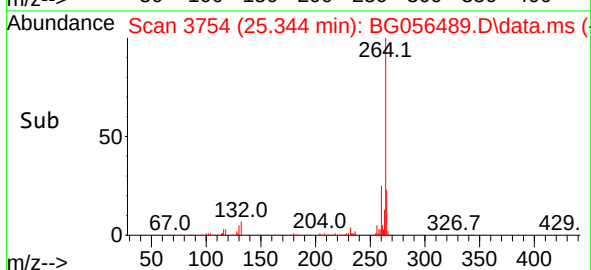
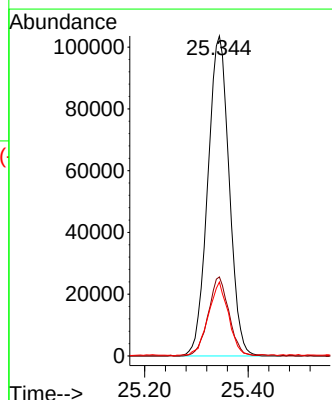
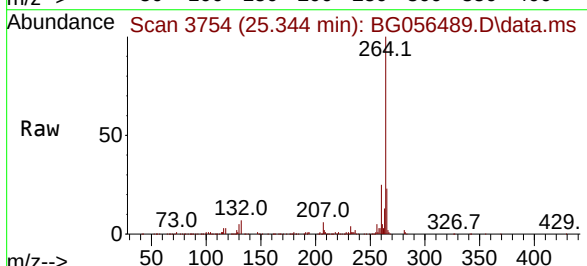
Tgt Ion:264 Resp: 296853

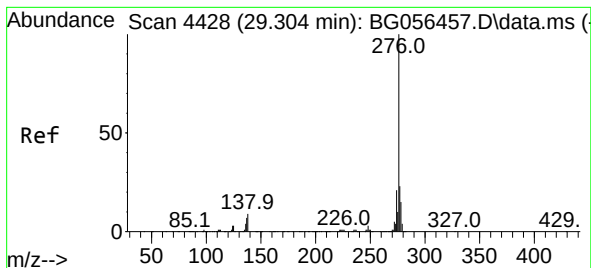
Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 23.1 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.740 ng

RT: 29.275 min Scan# 4428

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

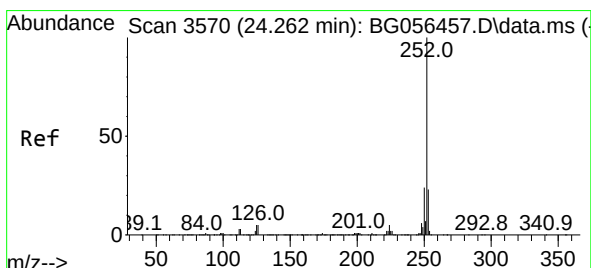
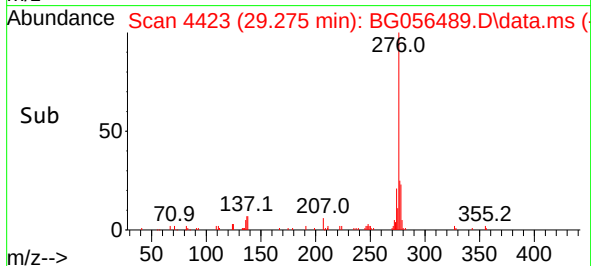
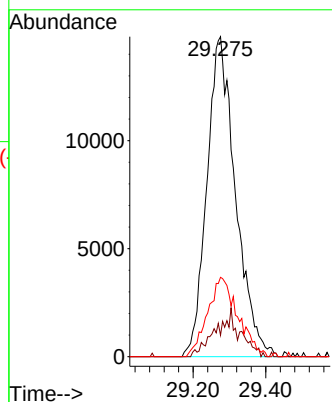
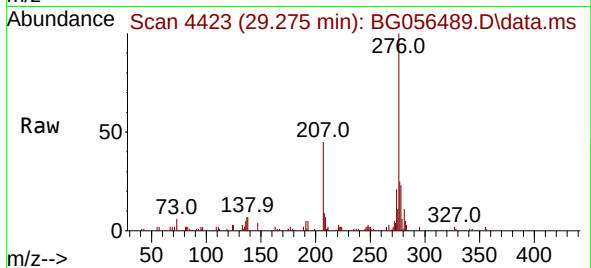
Tgt Ion:276 Resp: 81280

Ion Ratio Lower Upper

276 100

138 4.6 9.4 14.2#

277 26.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 4.108 ng

RT: 24.246 min Scan# 3567

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

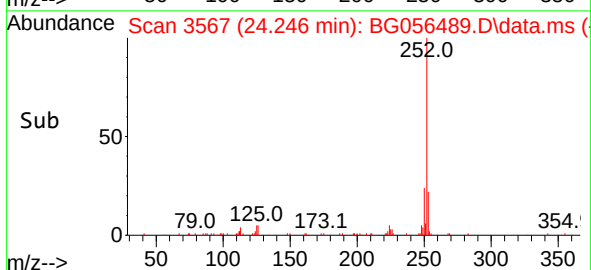
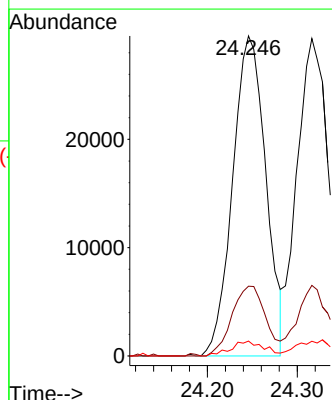
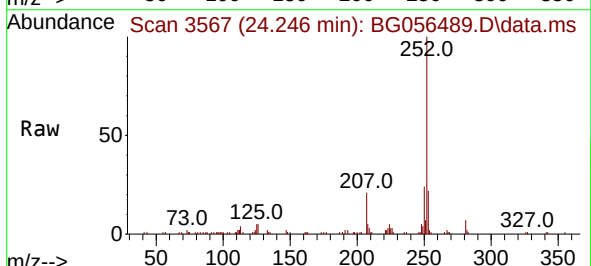
Tgt Ion:252 Resp: 75693

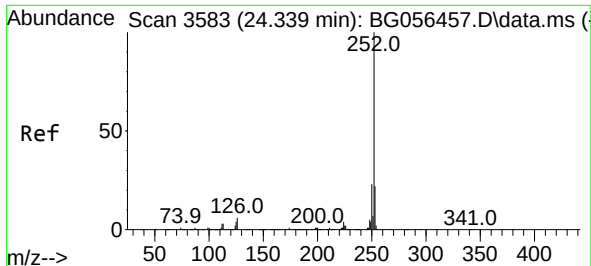
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 4.6 3.9 5.9

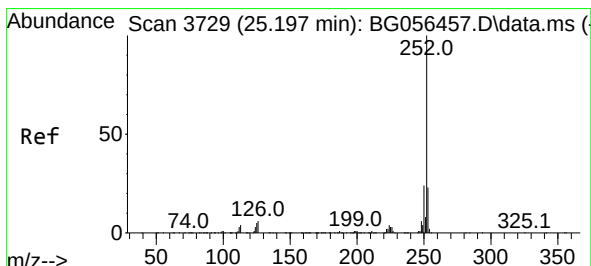
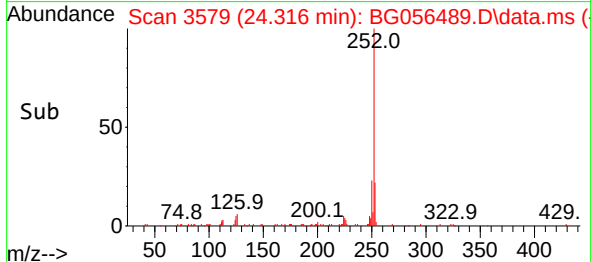
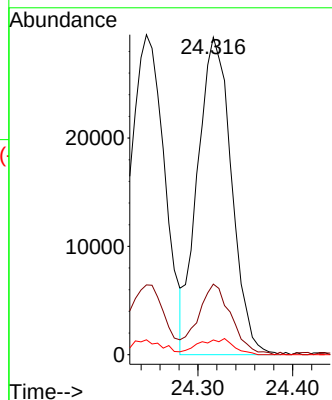
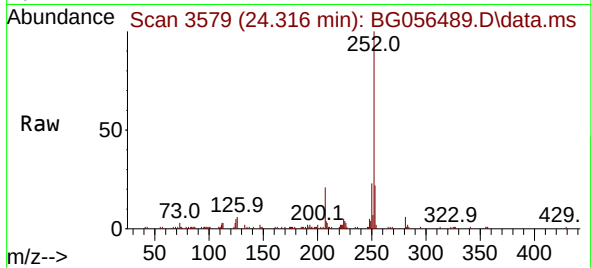




#89
Benzo(k)fluoranthene
Concen: 3.916 ng
RT: 24.316 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

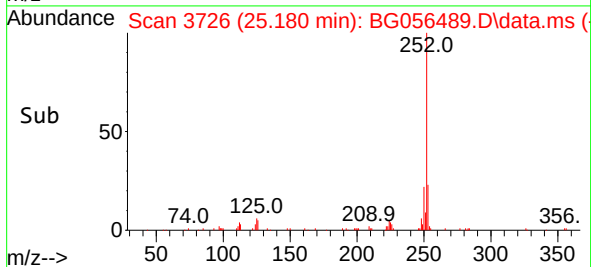
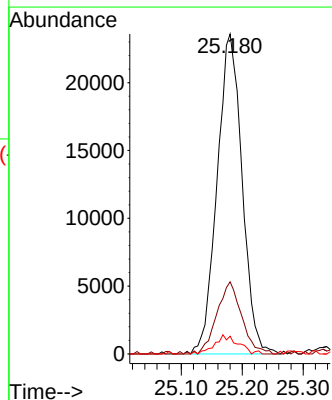
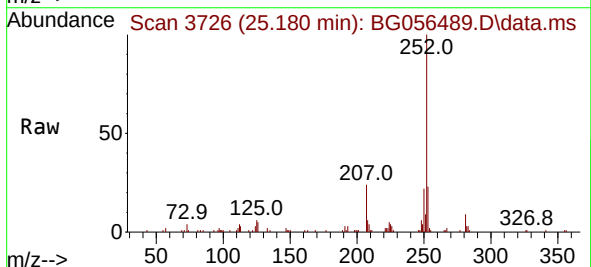
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

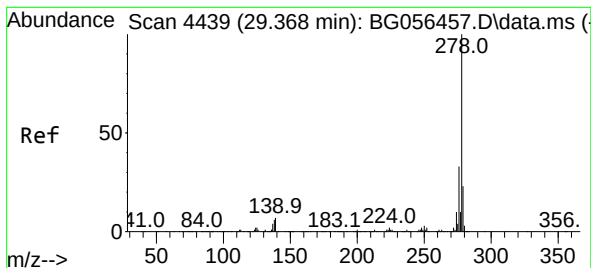
Tgt Ion:252 Resp: 72849
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 4.7 3.4 5.0



#90
Benzo(a)pyrene
Concen: 3.699 ng
RT: 25.180 min Scan# 3726
Delta R.T. -0.005 min
Lab File: BG056489.D
Acq: 31 Jan 2023 17:34

Tgt Ion:252 Resp: 67143
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.5 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 3.902 ng

RT: 29.322 min Scan# 4431

Delta R.T. -0.023 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

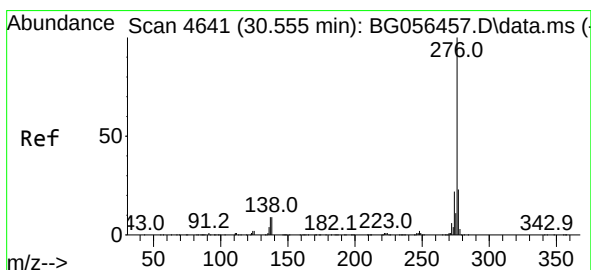
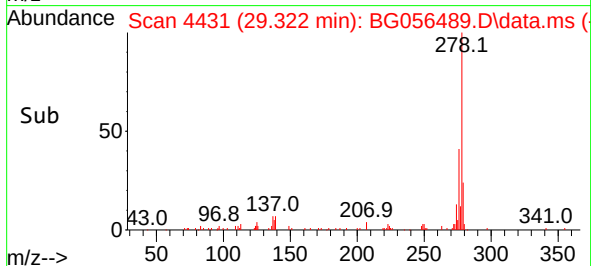
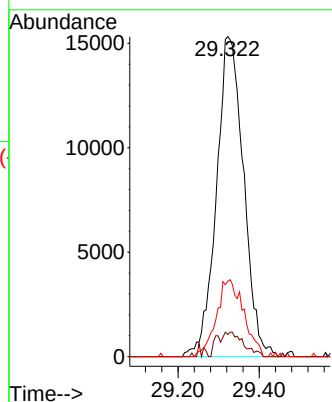
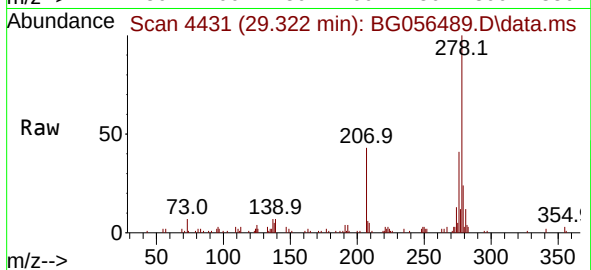
Tgt Ion:278 Resp: 71172

Ion Ratio Lower Upper

278 100

139 7.0 5.5 8.3

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 3.940 ng

RT: 30.503 min Scan# 4632

Delta R.T. -0.023 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Tgt Ion:276 Resp: 69351

Ion Ratio Lower Upper

276 100

277 22.7 18.5 27.7

138 12.6 7.4 11.0#

