

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063991.D
 Acq On : 4 Feb 2025 15:10
 Operator : RC/JU
 Sample : P1187-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 04 16:26:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	61383	20.000	ng	0.00
21) Naphthalene-d8	10.661	136	268645	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	175268	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	392214	20.000	ng	0.00
76) Chrysene-d12	21.466	240	426077	20.000	ng	0.00
86) Perylene-d12	24.498	264	440598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.461	112	296708	77.500	ng	0.00
7) Phenol-d6	7.030	99	399067	75.956	ng	0.00
23) Nitrobenzene-d5	9.022	82	245371	55.510	ng	0.00
42) 2,4,6-Tribromophenol	15.978	330	140136	76.362	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	615053	53.766	ng	0.00
79) Terphenyl-d14	19.862	244	1061925	52.051	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	11535	6.344	ng	97
3) Pyridine	3.787	79	27270	5.554	ng	97
4) n-Nitrosodimethylamine	3.699	42	18724	6.632	ng	# 93
6) Aniline	7.200	93	38947	6.917	ng	100
8) 2-Chlorophenol	7.436	128	28723	7.363	ng	94
9) Benzaldehyde	7.012	77	27855	9.712	ng	96
10) Phenol	7.059	94	36963	6.683	ng	95
11) bis(2-Chloroethyl)ether	7.300	93	29736	6.677	ng	89
12) 1,3-Dichlorobenzene	7.765	146	30515	6.573	ng	96
13) 1,4-Dichlorobenzene	7.911	146	31030	6.619	ng	97
14) 1,2-Dichlorobenzene	8.223	146	29512	6.568	ng	95
15) Benzyl Alcohol	8.105	79	25195	6.416	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.393	45	60080	6.700	ng	98
17) 2-Methylphenol	8.305	107	20789	5.812	ng	# 83
18) Hexachloroethane	8.951	117	10822	7.014	ng	87
19) n-Nitroso-di-n-propyla...	8.675	70	23845	6.554	ng	98
20) 3+4-Methylphenols	8.634	107	30533	6.407	ng	93
22) Acetophenone	8.687	105	47000	6.368	ng	# 96
24) Nitrobenzene	9.063	77	32262	9.636	ng	96
25) Isophorone	9.586	82	63332	6.609	ng	97
26) 2-Nitrophenol	9.774	139	6803	11.447	ng	96
27) 2,4-Dimethylphenol	9.833	122	13016	4.722	ng	89
28) bis(2-Chloroethoxy)met...	10.074	93	37273	6.113	ng	# 97
29) 2,4-Dichlorophenol	10.303	162	21432	8.988	ng	92
30) 1,2,4-Trichlorobenzene	10.526	180	29741	6.568	ng	94
31) Naphthalene	10.708	128	90875	6.309	ng	98
32) Benzoic acid	10.021	122	757	5.874	ng	# 18
33) 4-Chloroaniline	10.814	127	33734	6.113	ng	94
34) Hexachlorobutadiene	11.008	225	18528	6.425	ng	97
35) Caprolactam	11.542	113	7281	9.911	ng	94
36) 4-Chloro-3-methylphenol	11.936	107	26355	5.973	ng	91
37) 2-Methylnaphthalene	12.318	142	62925	6.269	ng	99
38) 1-Methylnaphthalene	12.541	142	58583	5.899	ng	99
40) 1,2,4,5-Tetrachloroben...	12.688	216	34238	6.624	ng	100
41) Hexachlorocyclopentadiene	12.676	237	9940	7.599	ng	83
43) 2,4,6-Trichlorophenol	12.994	196	19399	10.631	ng	96

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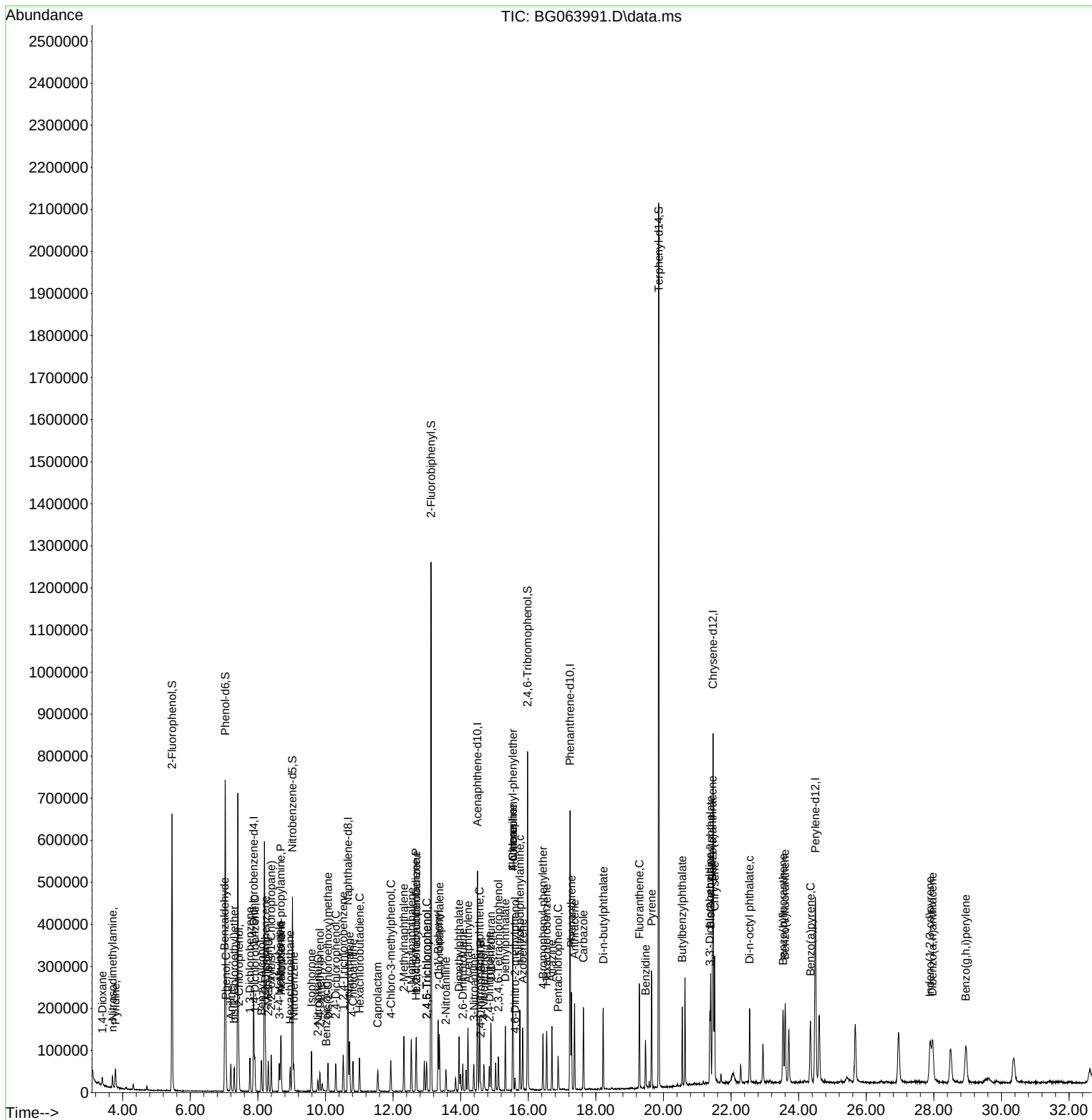
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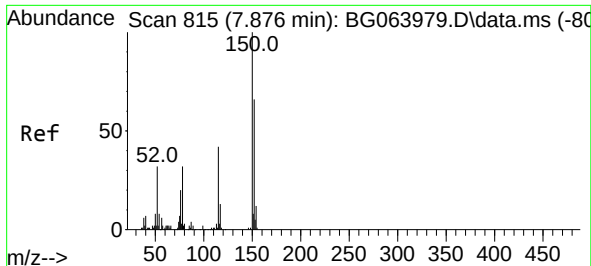
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.994	196	19399	9.150	ng	92
46) 1,1'-Biphenyl	13.334	154	86800	6.505	ng	98
47) 2-Chloronaphthalene	13.370	162	62185	6.394	ng	96
48) 2-Nitroaniline	13.564	65	12498	9.574	ng	86
49) Acenaphthylene	14.216	152	98704	6.533	ng	97
50) Dimethylphthalate	13.951	163	75914	6.532	ng	99
51) 2,6-Dinitrotoluene	14.063	165	10480	9.355	ng	92
52) Acenaphthene	14.557	154	64762	6.391	ng	99
53) 3-Nitroaniline	14.392	138	12279	9.571	ng #	92
54) 2,4-Dinitrophenol	14.592	184	2971	11.012	ng #	70
55) Dibenzofuran	14.897	168	103518	6.291	ng	97
56) 4-Nitrophenol	14.686	139	10900	12.773	ng	91
57) 2,4-Dinitrotoluene	14.850	165	12773	9.522	ng #	95
58) Fluorene	15.544	166	79227	6.229	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.115	232	15727	9.460	ng	95
60) Diethylphthalate	15.320	149	78272	6.353	ng	99
61) 4-Chlorophenyl-phenyle...	15.544	204	41424	6.492	ng	95
62) 4-Nitroaniline	15.544	138	13408	8.412	ng	95
63) Azobenzene	15.832	77	86935	5.974	ng	98
65) 4,6-Dinitro-2-methylph...	15.608	198	5388	11.305	ng	94
66) n-Nitrosodiphenylamine	15.749	169	67544	6.211	ng	95
67) 4-Bromophenyl-phenylether	16.437	248	25317	6.485	ng	97
68) Hexachlorobenzene	16.542	284	29877	6.510	ng	96
69) Atrazine	16.701	200	25062	6.925	ng	97
70) Pentachlorophenol	16.883	266	15226	13.216	ng	95
71) Phenanthrene	17.277	178	134493	6.529	ng	96
72) Anthracene	17.371	178	128242	6.221	ng	99
73) Carbazole	17.629	167	120501	6.245	ng	96
74) Di-n-butylphthalate	18.217	149	128636	6.395	ng	100
75) Fluoranthene	19.286	202	152819	6.092	ng	98
77) Benzidine	19.468	184	69345	7.643	ng #	96
78) Pyrene	19.645	202	165873	6.306	ng	100
80) Butylbenzylphthalate	20.555	149	47675	10.146	ng	99
81) Benzo(a)anthracene	21.448	228	178343	6.593	ng	99
82) 3,3'-Dichlorobenzidine	21.372	252	57989	6.883	ng	98
83) Chrysene	21.513	228	171981	6.388	ng	99
84) Bis(2-ethylhexyl)phtha...	21.396	149	84418	9.666	ng #	100
85) Di-n-octyl phthalate	22.547	149	137743	11.829	ng	97
87) Indeno(1,2,3-cd)pyrene	27.888	276	191736	6.745	ng #	91
88) Benzo(b)fluoranthene	23.540	252	163445	6.300	ng	96
89) Benzo(k)fluoranthene	23.599	252	172919	6.491	ng	98
90) Benzo(a)pyrene	24.351	252	152516	6.586	ng	98
91) Dibenzo(a,h)anthracene	27.964	278	155714	6.488	ng	95
92) Benzo(g,h,i)perylene	28.946	276	154788	6.388	ng #	92

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

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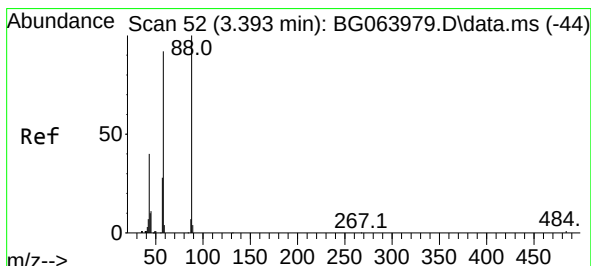
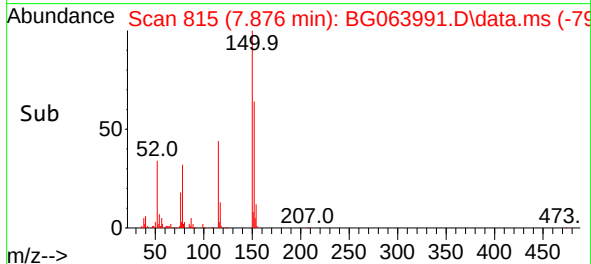
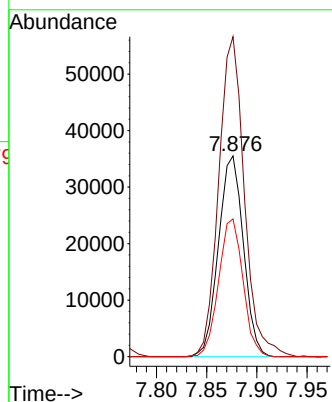
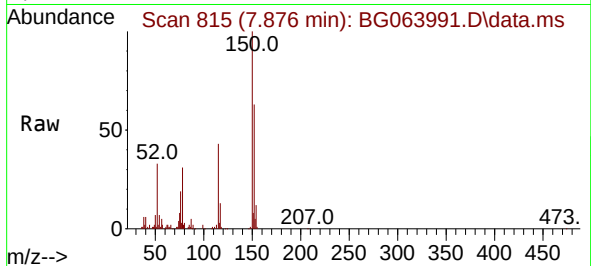




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.876 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: BG063991.D
 Acq: 4 Feb 2025 15:10

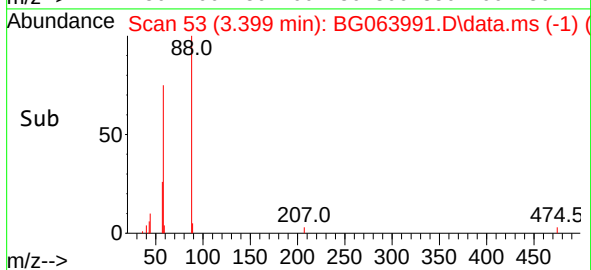
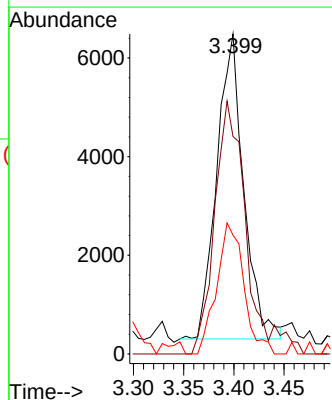
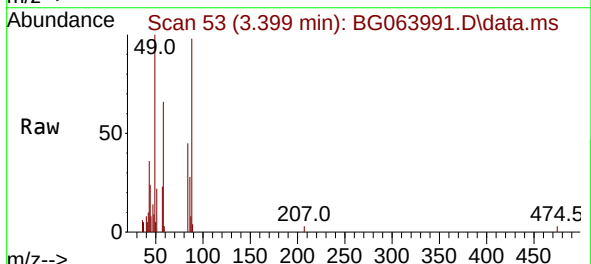
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 LOQ-WATER-02-QT1-2024

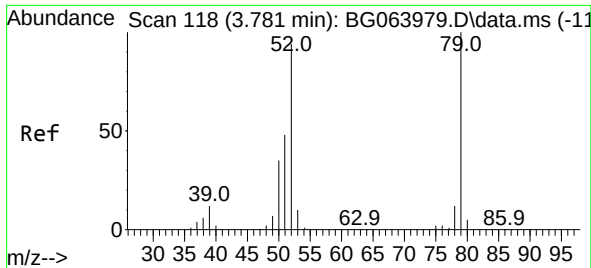
Tgt Ion:152 Resp: 61383
 Ion Ratio Lower Upper
 152 100
 150 159.3 121.0 181.6
 115 68.6 50.4 75.6



#2
 1,4-Dioxane
 Concen: 6.344 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BG063991.D
 Acq: 4 Feb 2025 15:10

Tgt Ion: 88 Resp: 11535
 Ion Ratio Lower Upper
 88 100
 58 91.1 71.8 107.8
 43 43.3 31.2 46.8





#3

Pyridine

Concen: 5.554 ng

RT: 3.787 min Scan# 118

Delta R.T. 0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

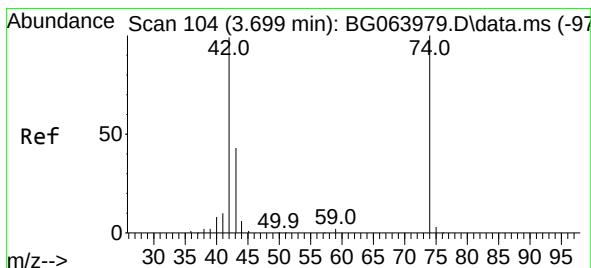
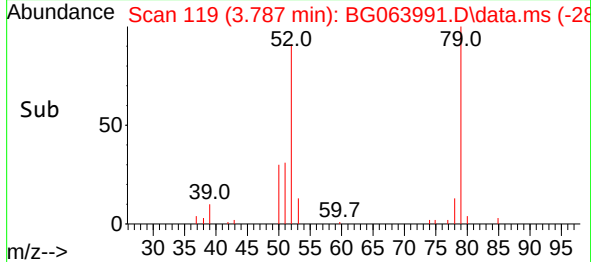
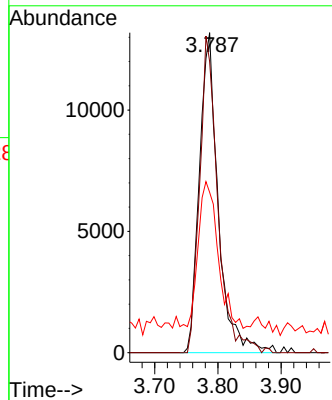
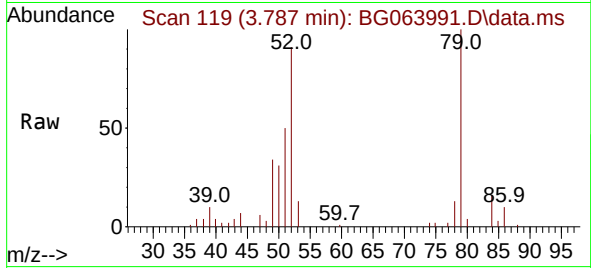
Tgt Ion: 79 Resp: 27270

Ion Ratio Lower Upper

79 100

52 91.0 75.1 112.7

51 50.1 38.9 58.3



#4

n-Nitrosodimethylamine

Concen: 6.632 ng

RT: 3.699 min Scan# 104

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

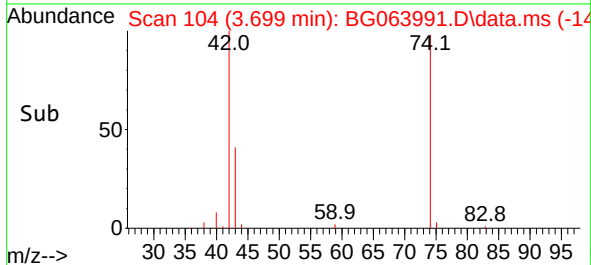
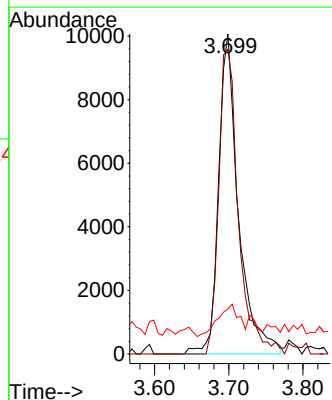
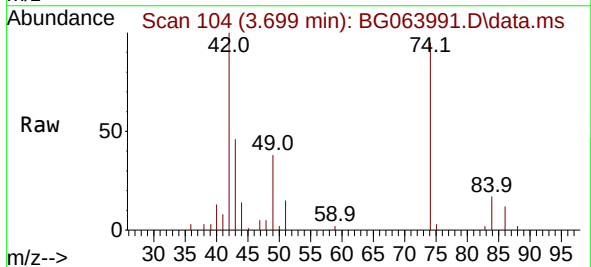
Tgt Ion: 42 Resp: 18724

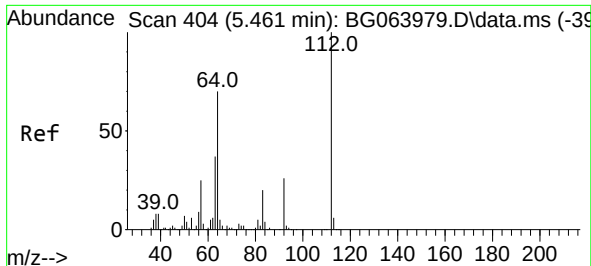
Ion Ratio Lower Upper

42 100

74 95.2 80.8 121.2

44 14.1 5.8 8.6

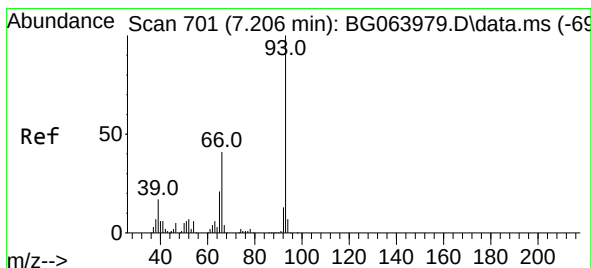
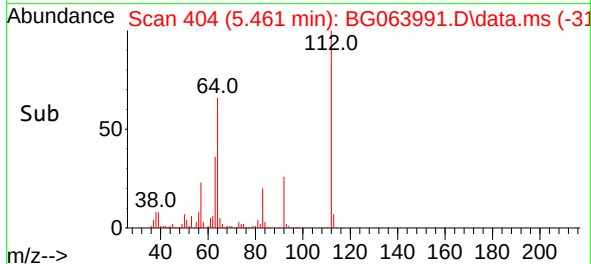
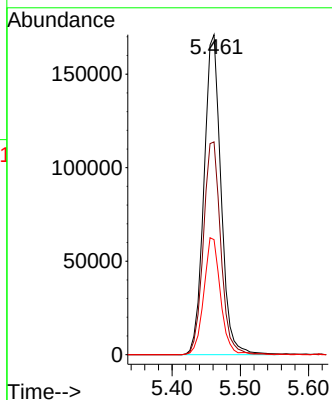
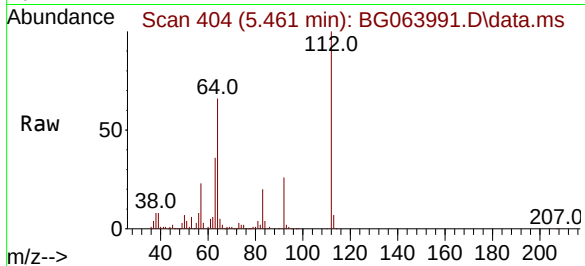




#5
2-Fluorophenol
Concen: 77.500 ng
RT: 5.461 min Scan# 404
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

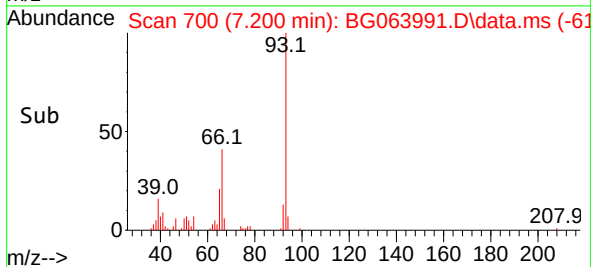
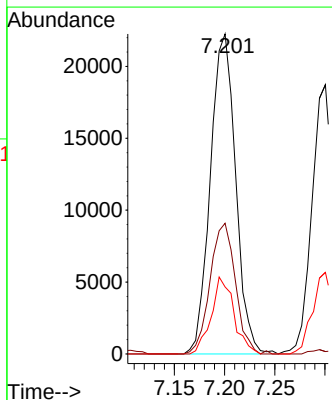
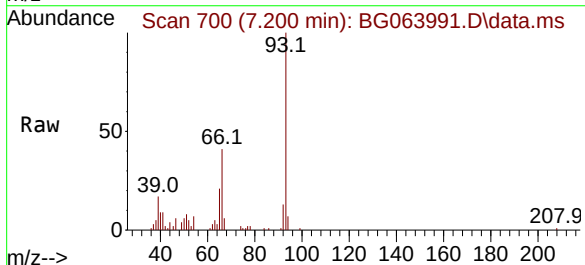
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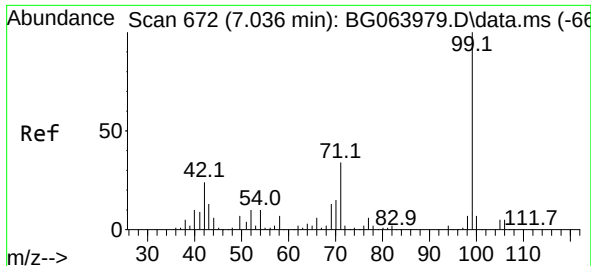
Tgt Ion:112 Resp: 296708
Ion Ratio Lower Upper
112 100
64 66.5 55.8 83.8
63 36.0 29.3 43.9



#6
Aniline
Concen: 6.917 ng
RT: 7.200 min Scan# 700
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion: 93 Resp: 38947
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 20.9 16.6 25.0

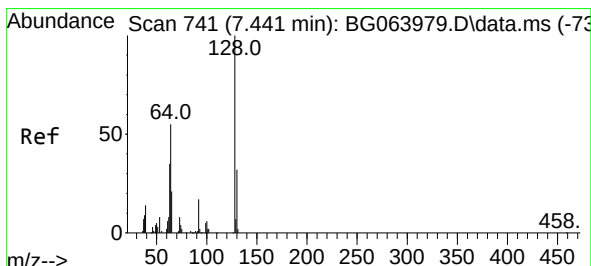
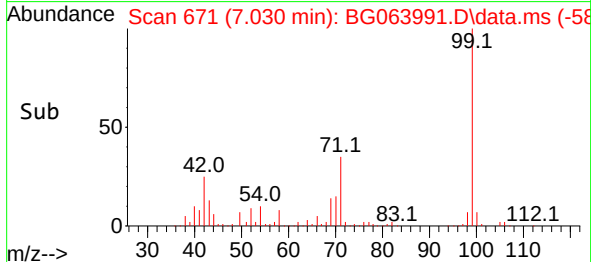
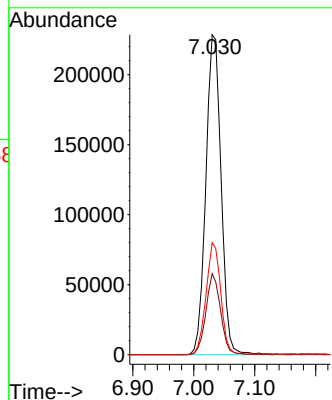
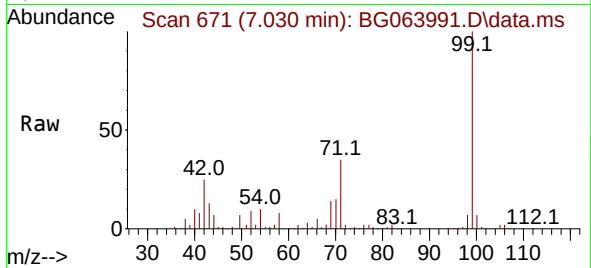




#7
Phenol-d6
Concen: 75.956 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

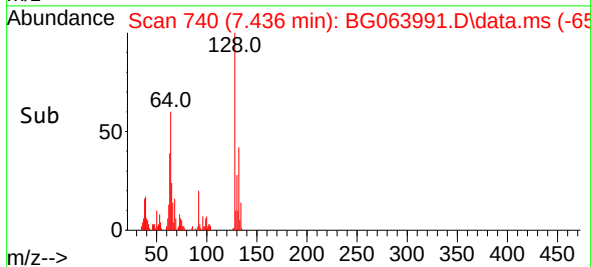
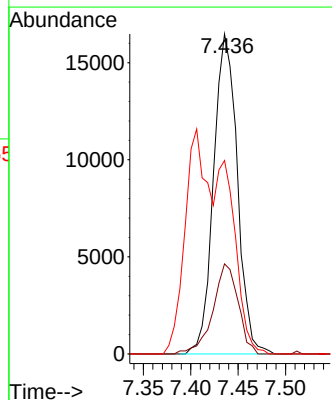
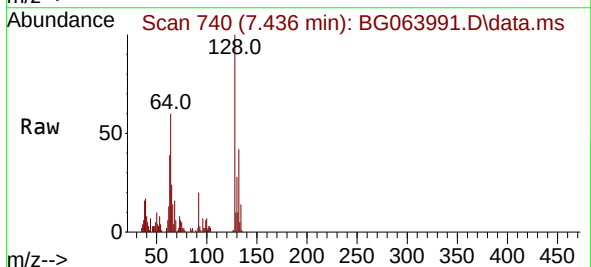
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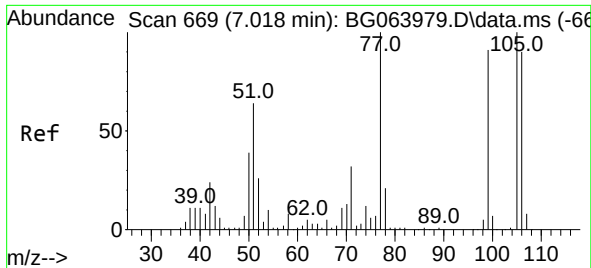
Tgt Ion: 99 Resp: 399067
Ion Ratio Lower Upper
99 100
42 25.3 18.9 28.3
71 35.0 27.0 40.6



#8
2-Chlorophenol
Concen: 7.363 ng
RT: 7.436 min Scan# 740
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:128 Resp: 28723
Ion Ratio Lower Upper
128 100
130 28.1 11.9 51.9
64 60.4 36.8 76.8

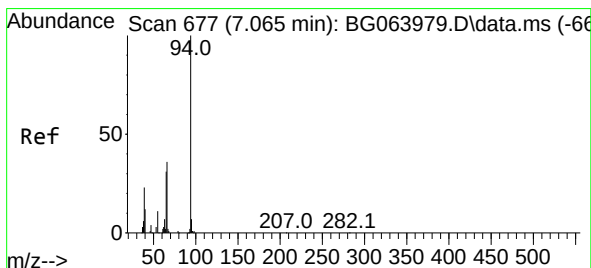
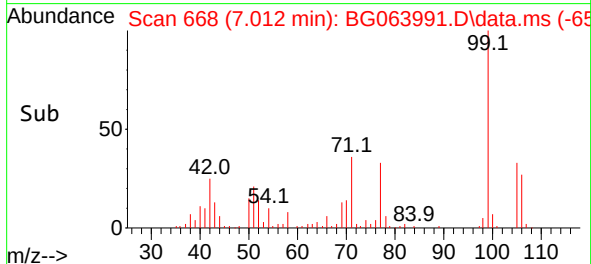
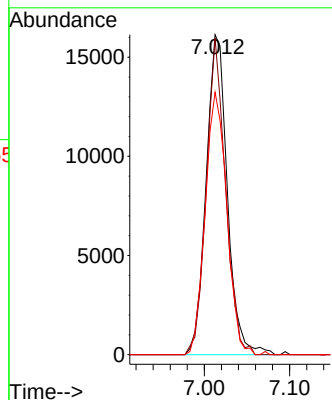
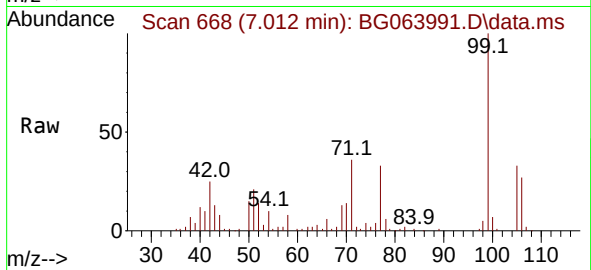




#9
Benzaldehyde
Concen: 9.712 ng
RT: 7.012 min Scan# 609
Delta R.T. -0.006 min
Lab File: BG063991.D
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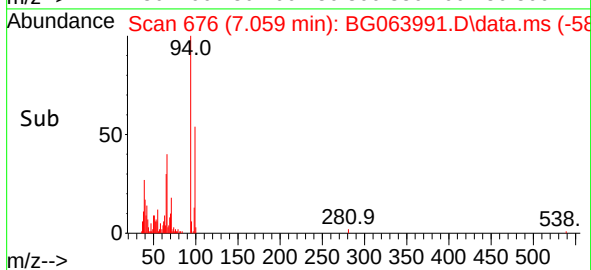
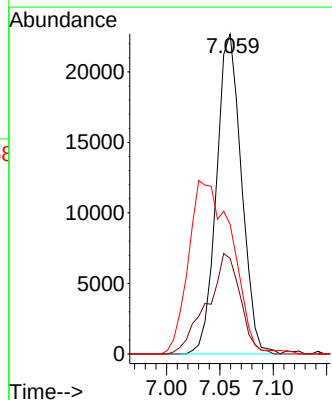
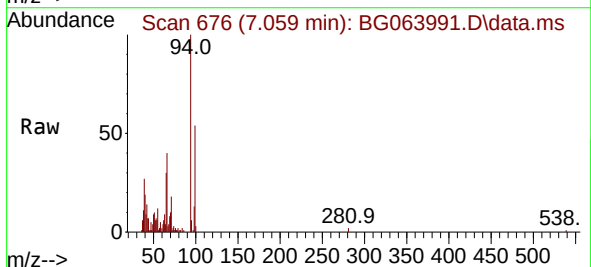
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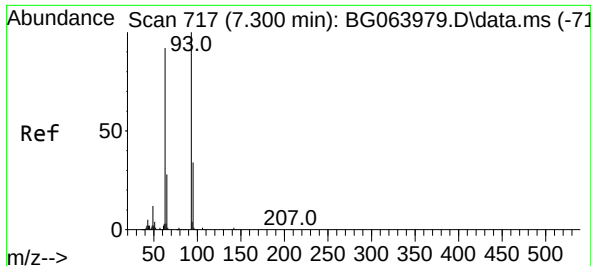
Tgt Ion: 77 Resp: 27855
Ion Ratio Lower Upper
77 100
105 98.9 79.8 119.8
106 82.0 69.9 109.9



#10
Phenol
Concen: 6.683 ng
RT: 7.059 min Scan# 676
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 36963
Ion Ratio Lower Upper
94 100
65 29.9 11.4 51.4
66 40.4 16.7 56.7

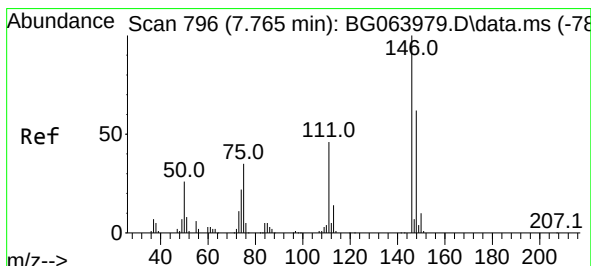
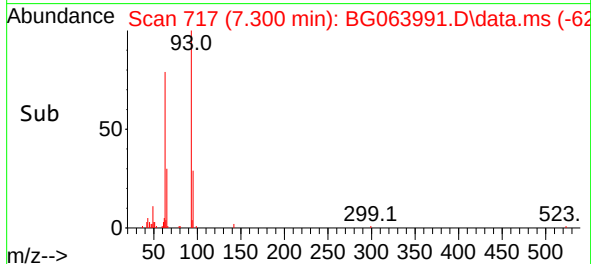
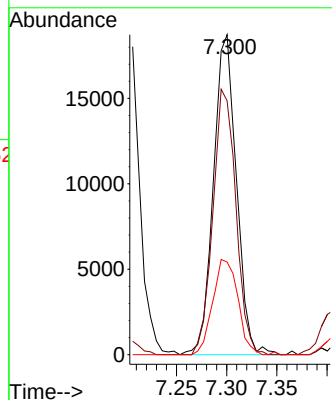
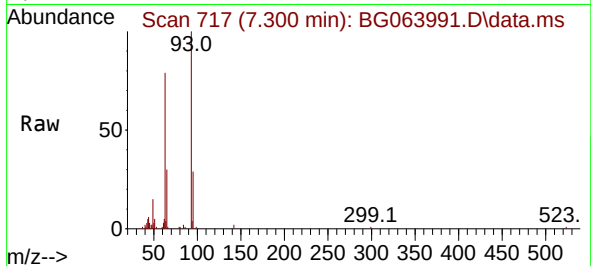




#11
bis(2-Chloroethyl)ether
Concen: 6.677 ng
RT: 7.300 min Scan# 717
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

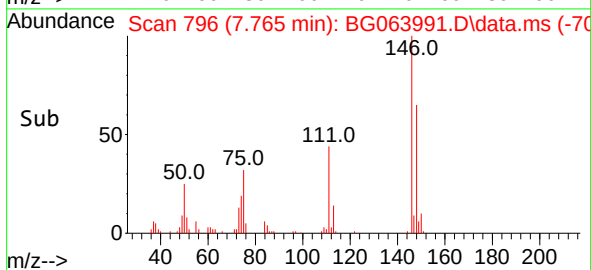
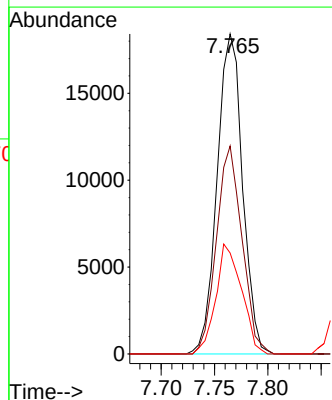
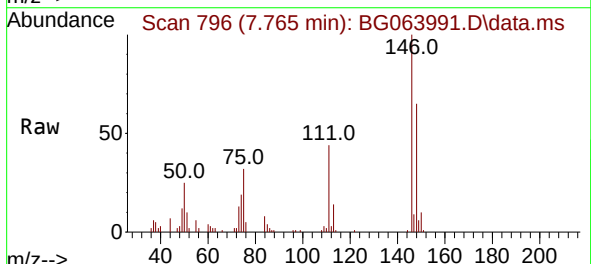
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

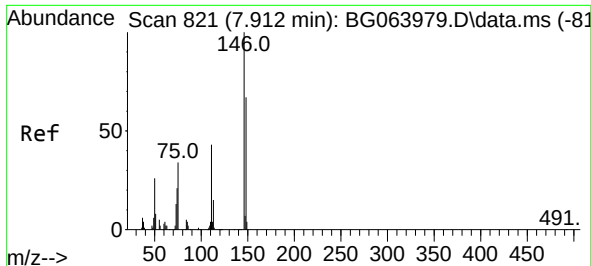
Tgt Ion: 93 Resp: 29736
Ion Ratio Lower Upper
93 100
63 79.4 71.2 111.2
95 28.9 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 6.573 ng
RT: 7.765 min Scan# 796
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:146 Resp: 30515
Ion Ratio Lower Upper
146 100
148 65.0 49.6 74.4
75 31.6 27.8 41.8

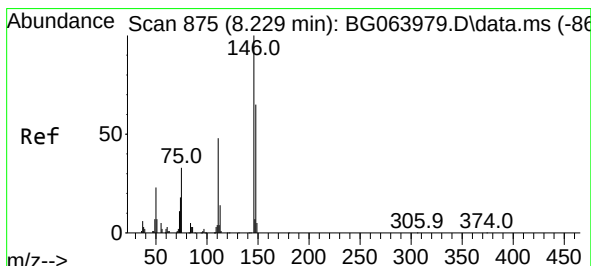
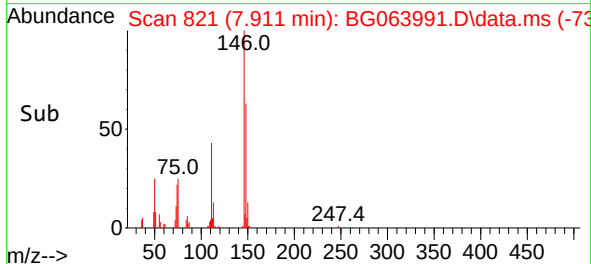
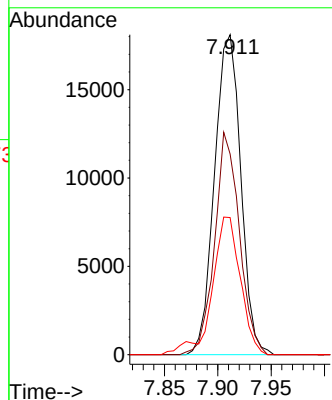
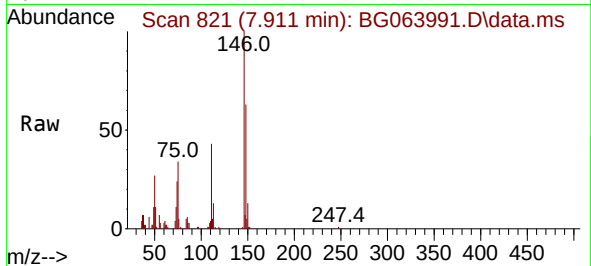




#13
1,4-Dichlorobenzene
Concen: 6.619 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

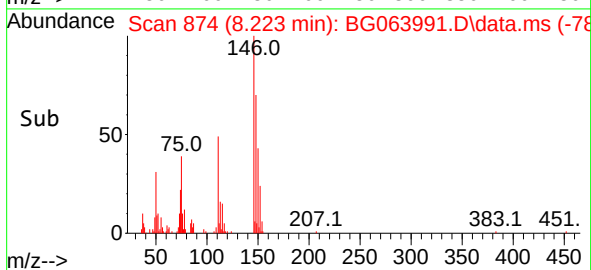
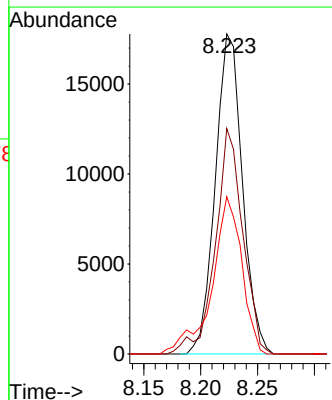
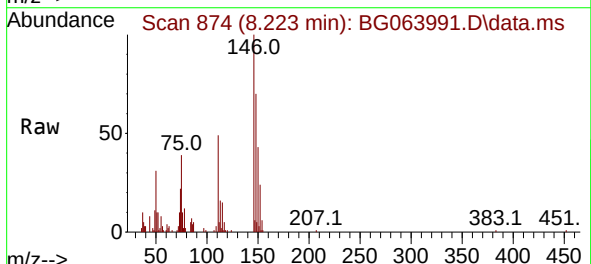
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

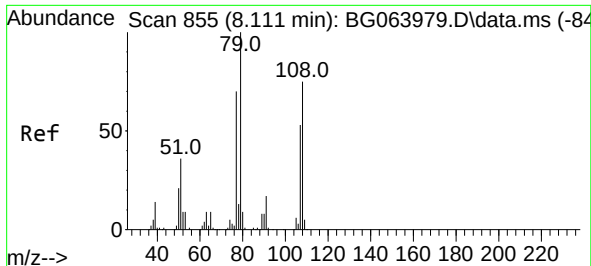
Tgt Ion:146 Resp: 31030
Ion Ratio Lower Upper
146 100
148 62.7 53.3 79.9
111 42.9 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 6.568 ng
RT: 8.223 min Scan# 874
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:146 Resp: 29512
Ion Ratio Lower Upper
146 100
148 70.5 52.0 78.0
111 49.2 38.2 57.2

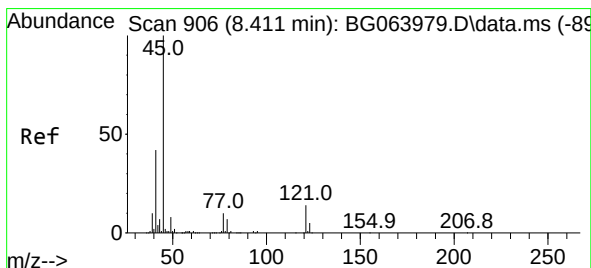
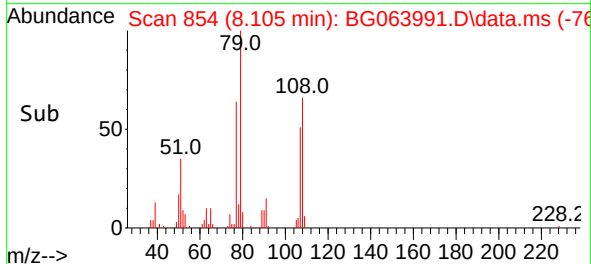
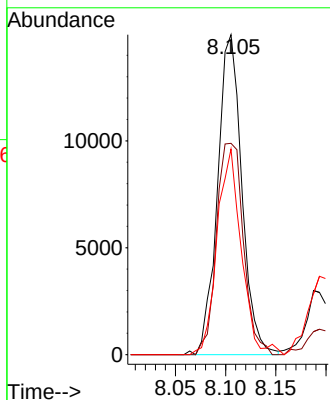
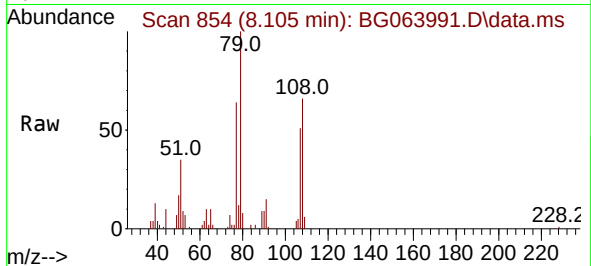




#15
Benzyl Alcohol
Concen: 6.416 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

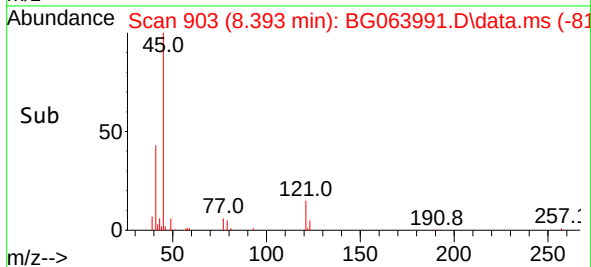
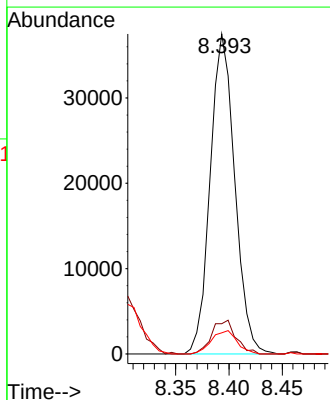
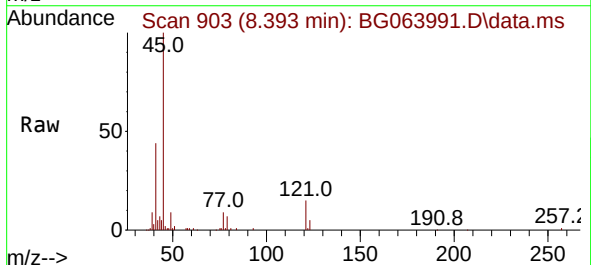
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

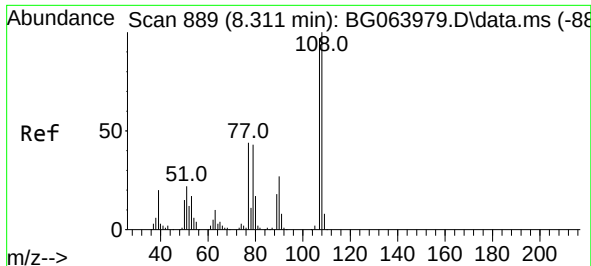
Tgt Ion: 79 Resp: 25195
Ion Ratio Lower Upper
79 100
108 66.0 60.3 90.5
77 64.2 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.700 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.018 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

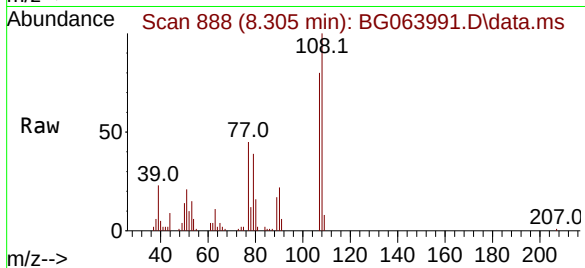
Tgt Ion: 45 Resp: 60080
Ion Ratio Lower Upper
45 100
77 9.5 0.0 29.8
79 6.6 0.0 27.7



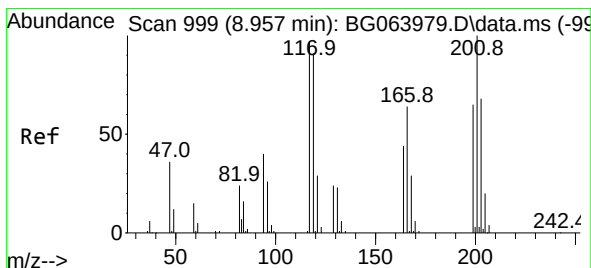
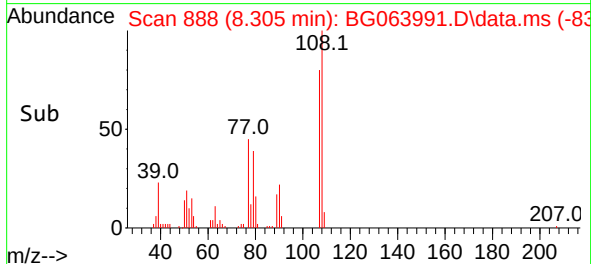
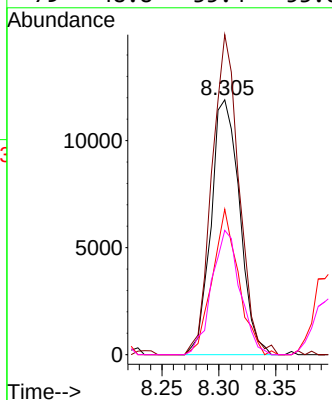


#17
2-Methylphenol
Concen: 5.812 ng
RT: 8.305 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

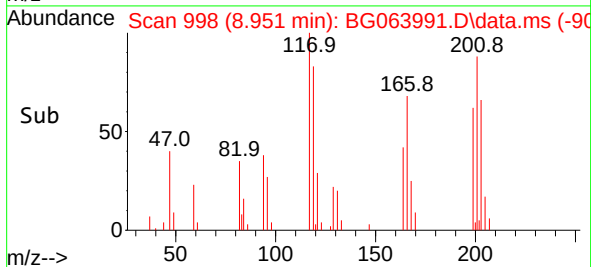
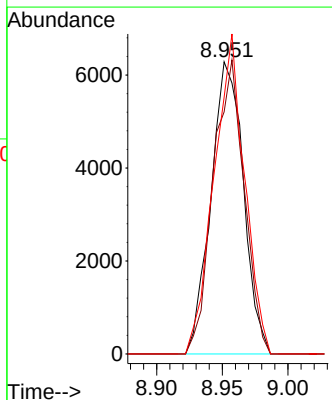
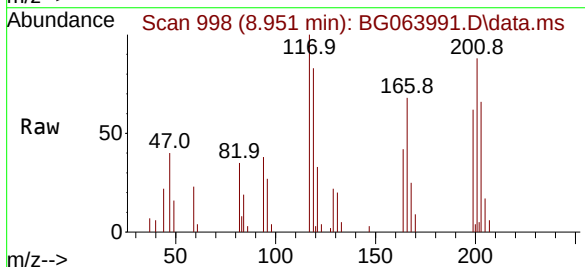


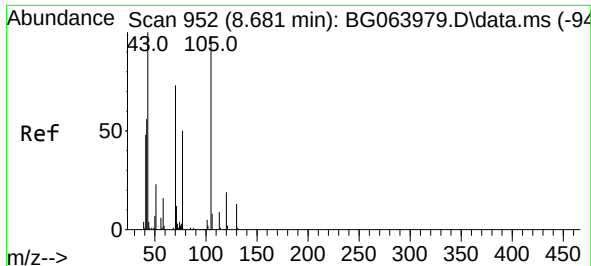
Tgt Ion:	107	Resp:	20789
Ion	Ratio	Lower	Upper
107	100		
108	125.6	82.9	124.3#
77	57.1	36.4	54.6#
79	48.8	35.4	53.0



#18
Hexachloroethane
Concen: 7.014 ng
RT: 8.951 min Scan# 998
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:	117	Resp:	10822
Ion	Ratio	Lower	Upper
117	100		
119	82.9	75.4	113.0
201	87.8	82.4	123.6

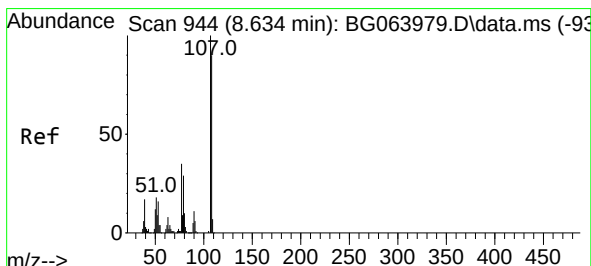
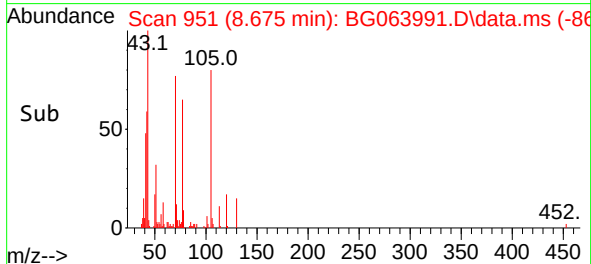
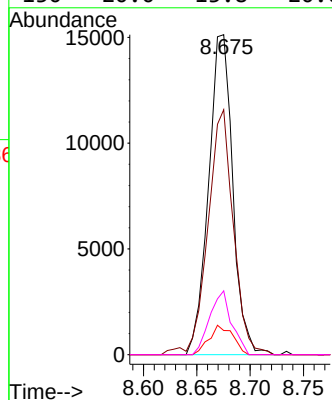
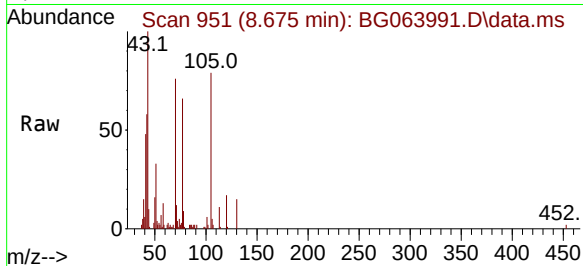




#19
n-Nitroso-di-n-propylamine
Concen: 6.554 ng
RT: 8.675 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

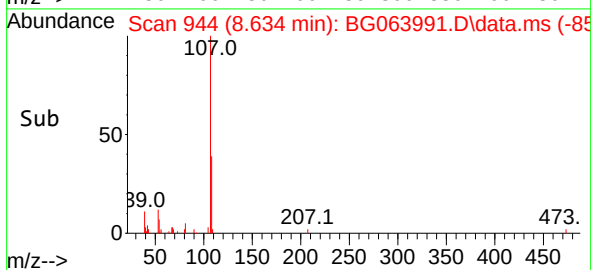
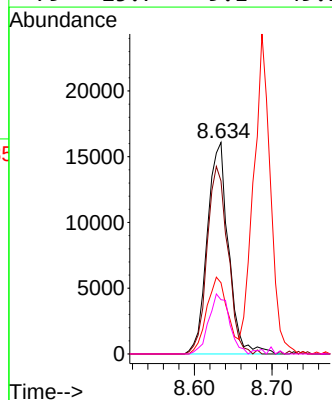
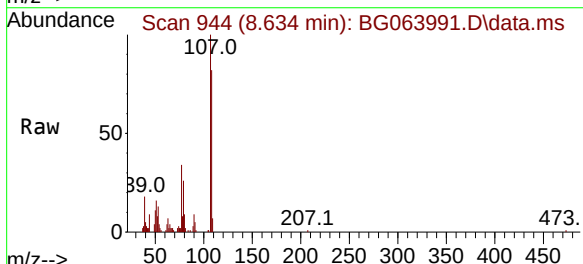
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

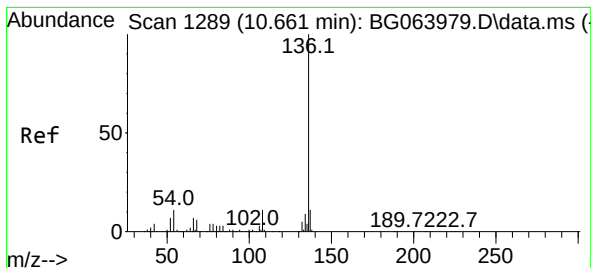
Tgt Ion: 70 Resp: 23845
Ion Ratio Lower Upper
70 100
42 76.6 62.2 93.4
101 7.6 5.6 8.4
130 20.0 13.8 20.6



#20
3+4-Methylphenols
Concen: 6.407 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion: 107 Resp: 30533
Ion Ratio Lower Upper
107 100
108 81.8 70.0 110.0
77 33.7 15.2 55.2
79 25.7 9.1 49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.661 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BG063991.D

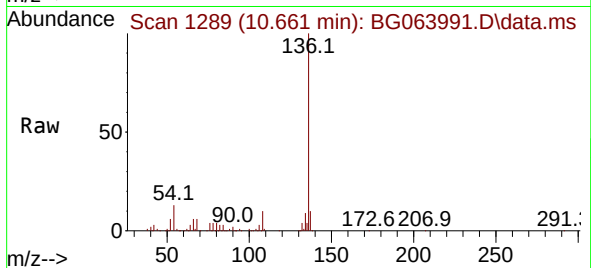
Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:136 Resp: 268645

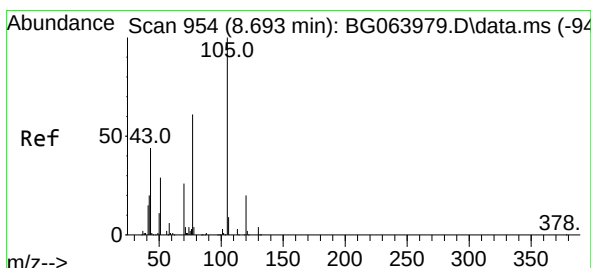
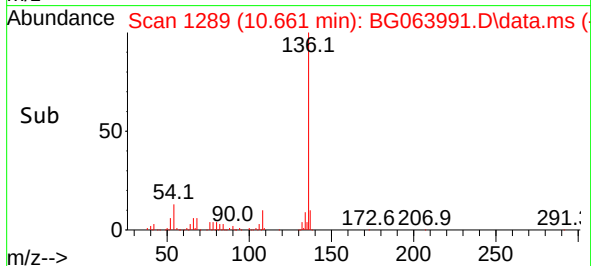
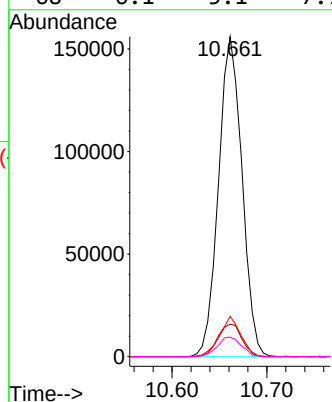
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 12.6 9.2 13.8

68 6.1 5.1 7.7



#22

Acetophenone

Concen: 6.368 ng

RT: 8.687 min Scan# 953

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Tgt Ion:105 Resp: 47000

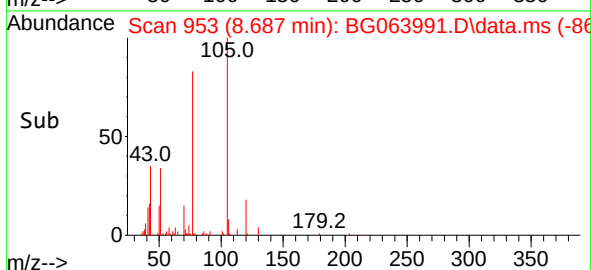
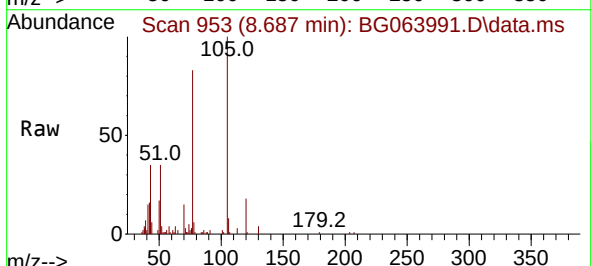
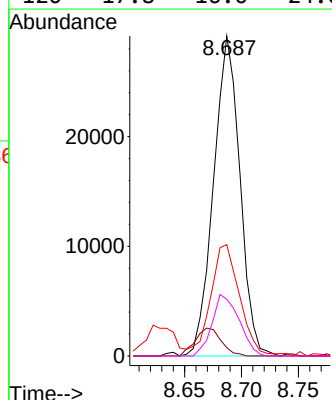
Ion Ratio Lower Upper

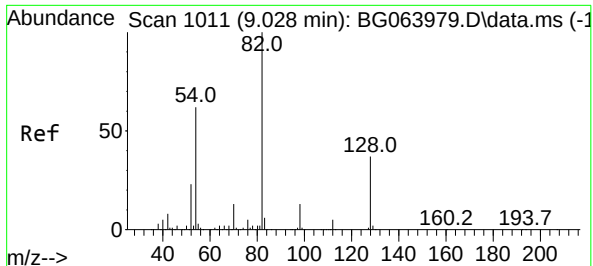
105 100

71 2.6 3.1 4.7#

51 34.8 29.9 44.9

120 17.8 16.0 24.0





#23

Nitrobenzene-d5

Concen: 55.510 ng

RT: 9.022 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

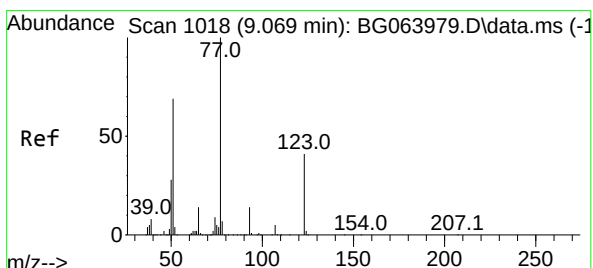
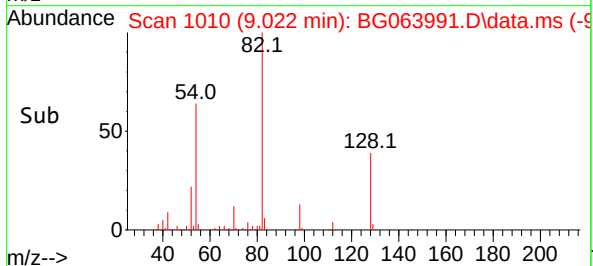
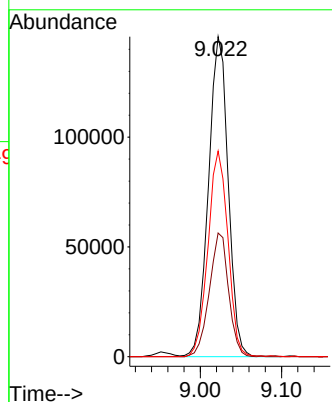
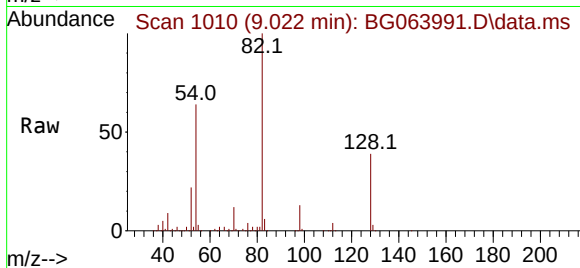
Tgt Ion: 82 Resp: 245371

Ion Ratio Lower Upper

82 100

128 38.7 29.4 44.2

54 64.2 49.9 74.9



#24

Nitrobenzene

Concen: 9.636 ng

RT: 9.063 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

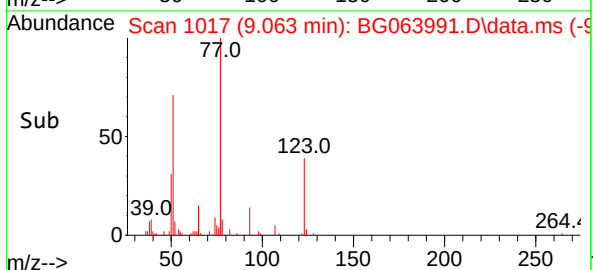
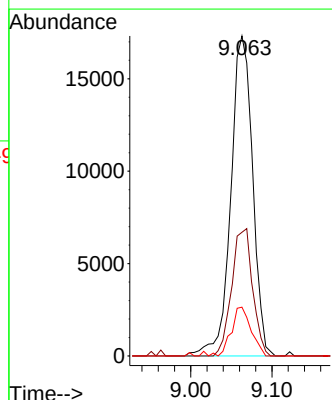
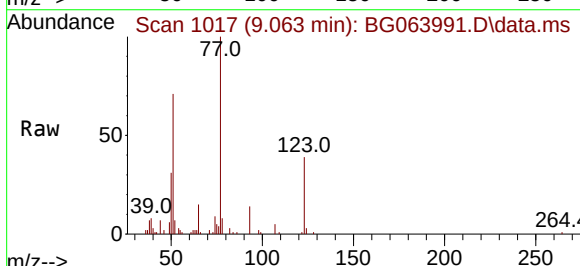
Tgt Ion: 77 Resp: 32262

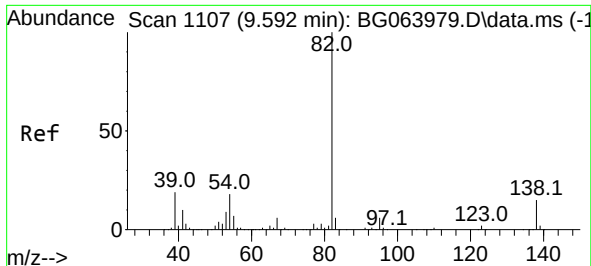
Ion Ratio Lower Upper

77 100

123 38.7 32.9 49.3

65 15.2 11.0 16.6





#25

Isophorone

Concen: 6.609 ng

RT: 9.586 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

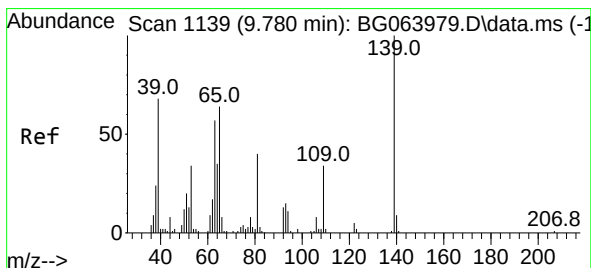
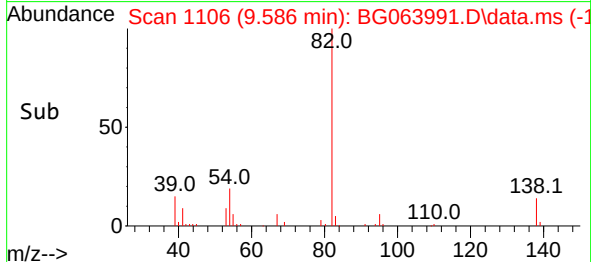
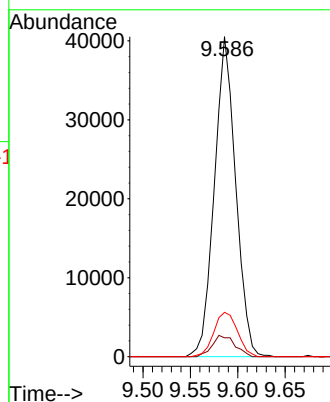
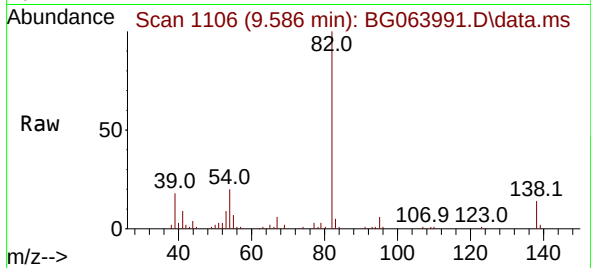
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 82	Resp: 63332
Ion Ratio	Lower Upper
82 100	
95 5.9	5.0 7.4
138 13.8	12.2 18.4



#26

2-Nitrophenol

Concen: 11.447 ng

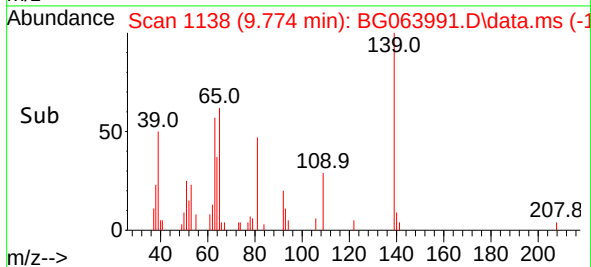
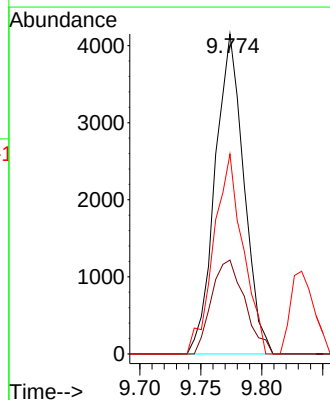
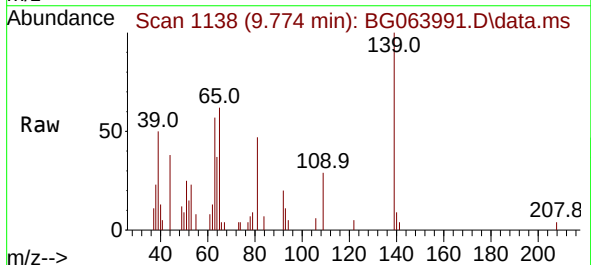
RT: 9.774 min Scan# 1138

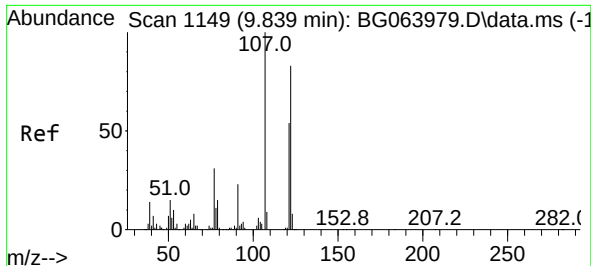
Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Tgt Ion: 139	Resp: 6803
Ion Ratio	Lower Upper
139 100	
109 29.3	27.1 40.7
65 62.5	51.0 76.6





#27

2,4-Dimethylphenol

Concen: 4.722 ng

RT: 9.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BG063991.D

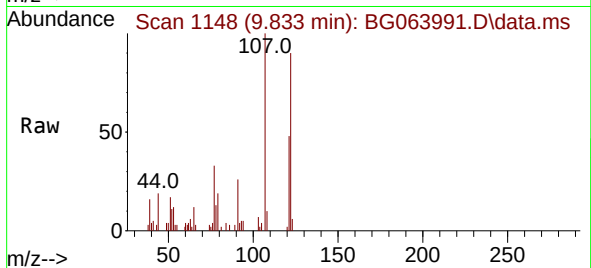
Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024



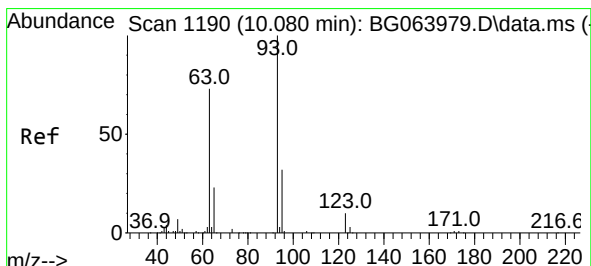
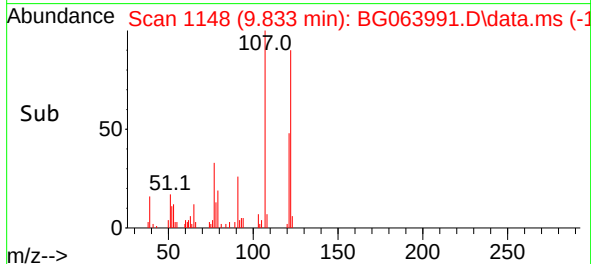
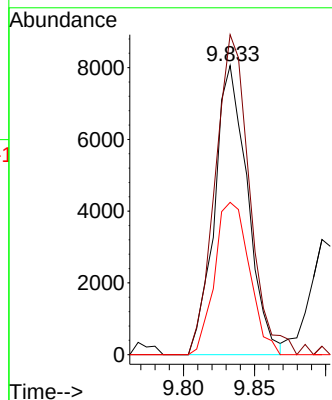
Tgt Ion:122 Resp: 13016

Ion Ratio Lower Upper

122 100

107 110.7 96.4 144.6

121 52.7 51.8 77.6



#28

bis(2-Chloroethoxy)methane

Concen: 6.113 ng

RT: 10.074 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

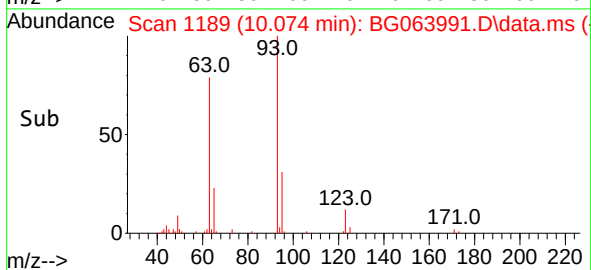
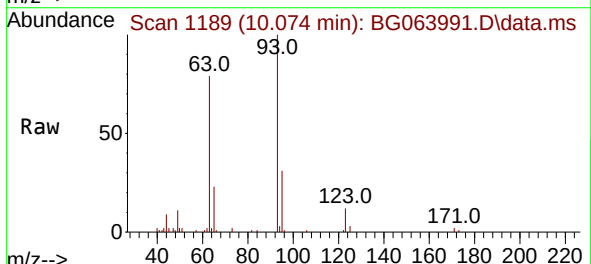
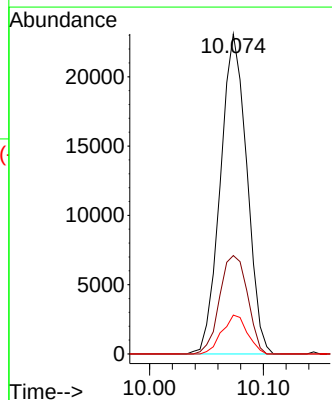
Tgt Ion: 93 Resp: 37273

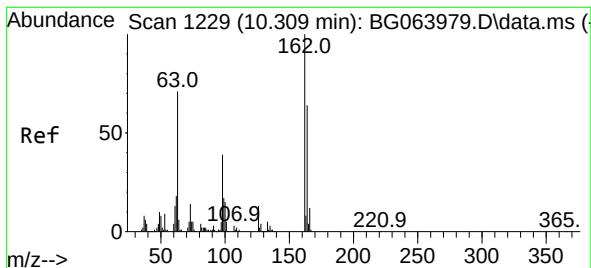
Ion Ratio Lower Upper

93 100

95 30.7 25.4 38.2

123 12.2 7.8 11.6#





#29

2,4-Dichlorophenol

Concen: 8.988 ng

RT: 10.303 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

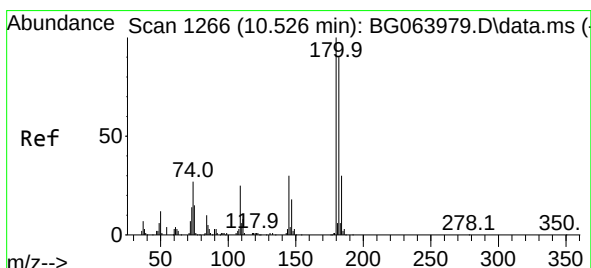
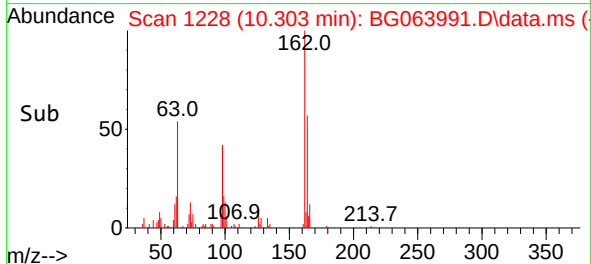
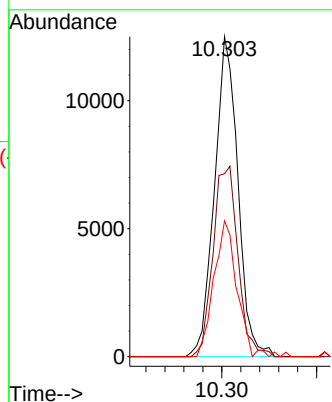
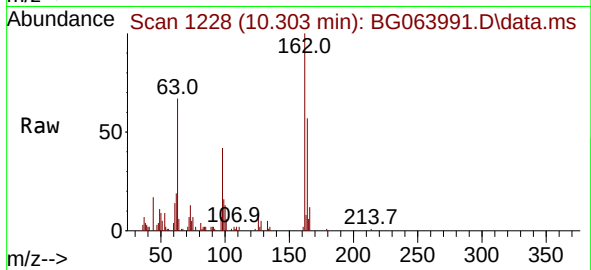
Tgt Ion:162 Resp: 21432

Ion Ratio Lower Upper

162 100

164 57.1 43.6 83.6

98 42.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 6.568 ng

RT: 10.526 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

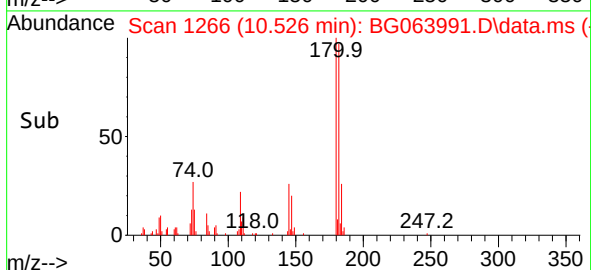
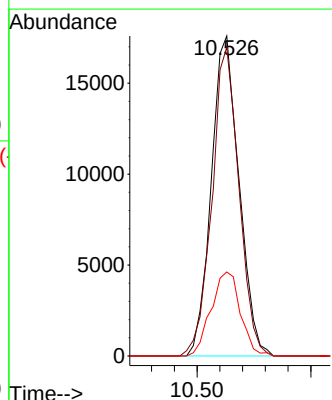
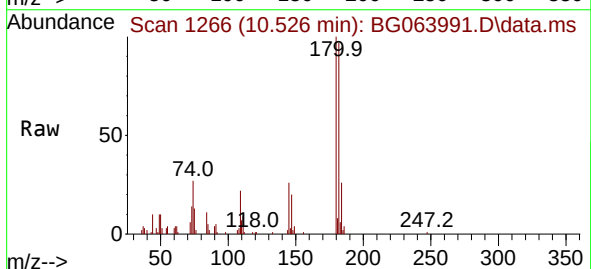
Tgt Ion:180 Resp: 29741

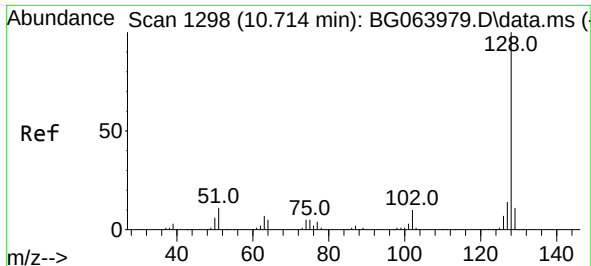
Ion Ratio Lower Upper

180 100

182 96.5 72.3 108.5

145 26.3 23.8 35.8

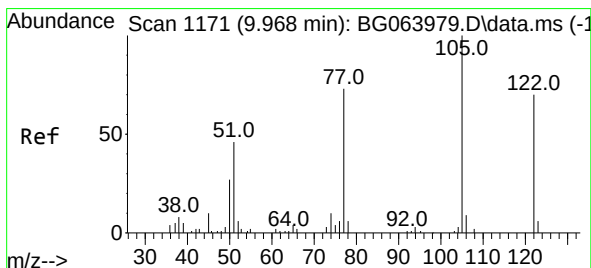
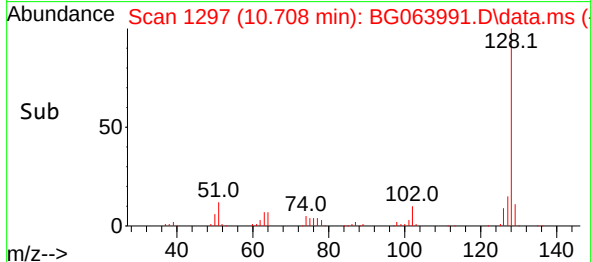
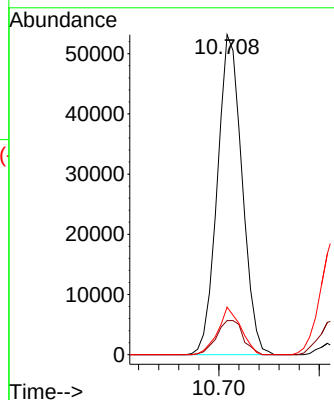
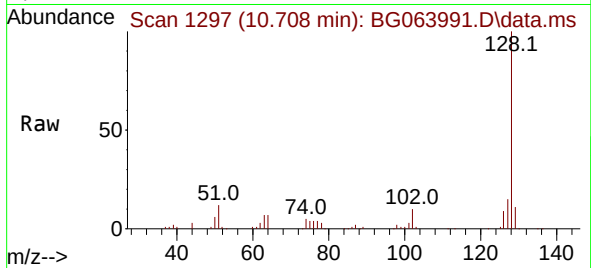




#31
Naphthalene
Concen: 6.309 ng
RT: 10.708 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

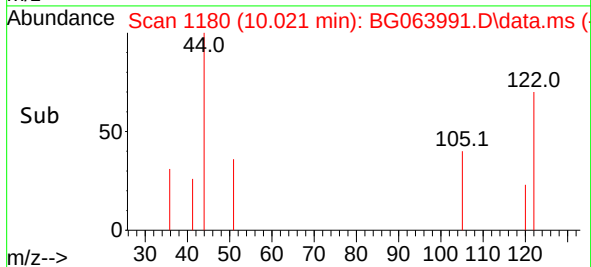
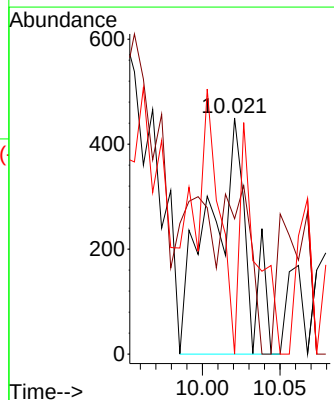
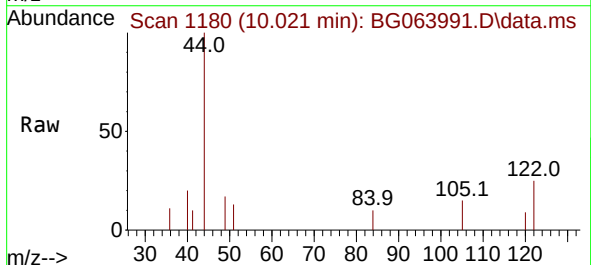
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

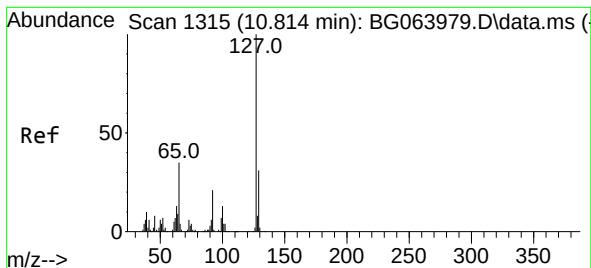
Tgt Ion:128 Resp: 90875
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.9 10.8 16.2



#32
Benzoic acid
Concen: 5.874 ng
RT: 10.021 min Scan# 1180
Delta R.T. 0.053 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:122 Resp: 757
Ion Ratio Lower Upper
122 100
105 57.3 117.9 157.9#
77 0.0 83.9 123.9#





#33

4-Chloroaniline

Concen: 6.113 ng

RT: 10.814 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG063991.D

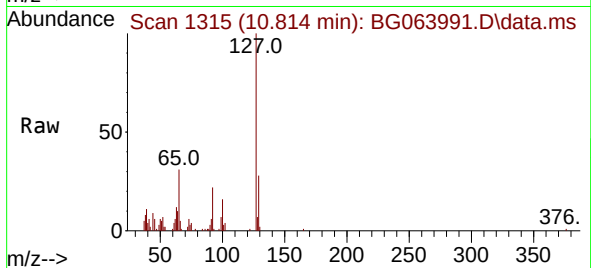
Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:127 Resp: 33734

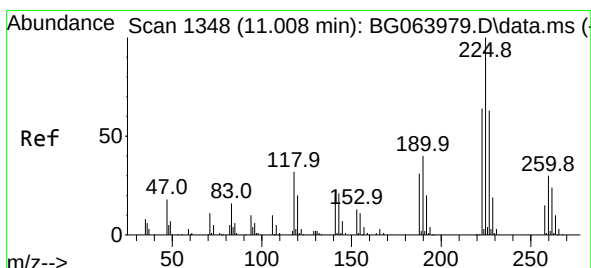
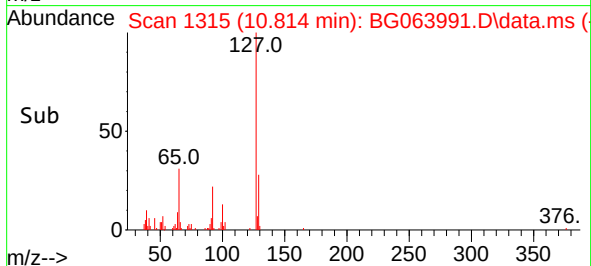
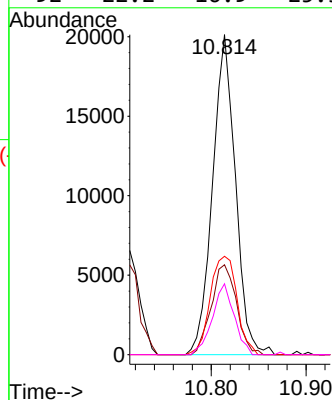
Ion Ratio Lower Upper

127 100

129 28.1 24.9 37.3

65 30.8 28.2 42.4

92 22.2 16.9 25.3



#34

Hexachlorobutadiene

Concen: 6.425 ng

RT: 11.008 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

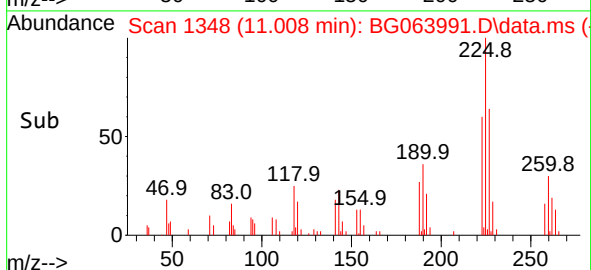
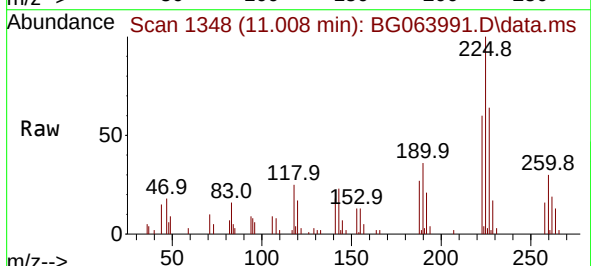
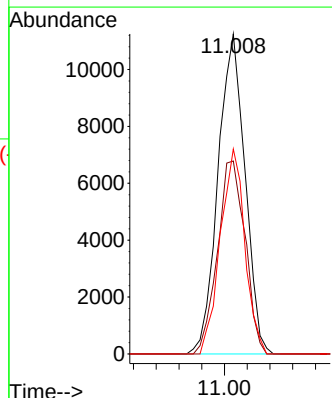
Tgt Ion:225 Resp: 18528

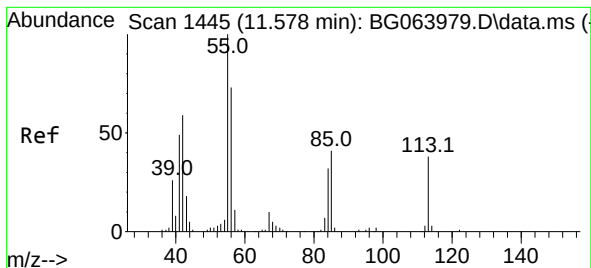
Ion Ratio Lower Upper

225 100

223 60.3 51.0 76.6

227 64.0 50.3 75.5





#35

Caprolactam

Concen: 9.911 ng

RT: 11.542 min Scan# 1445

Delta R.T. -0.036 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

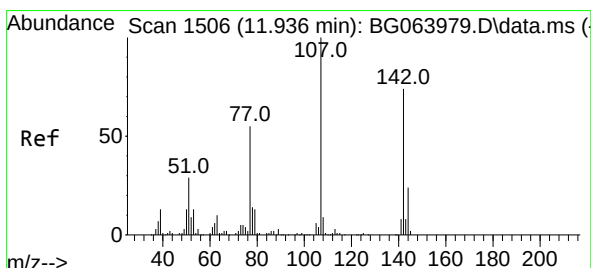
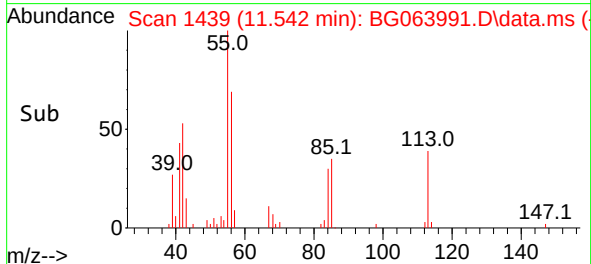
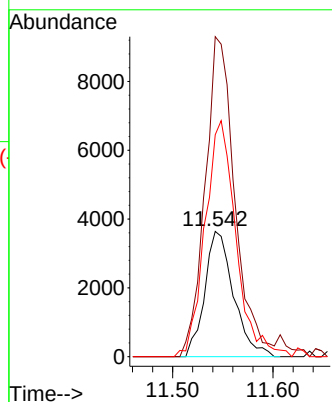
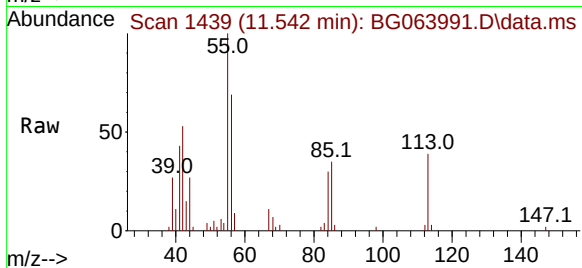
Tgt Ion:113 Resp: 7281

Ion Ratio Lower Upper

113 100

55 255.3 241.8 281.8

56 177.1 171.5 211.5



#36

4-Chloro-3-methylphenol

Concen: 5.973 ng

RT: 11.936 min Scan# 1506

Delta R.T. 0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

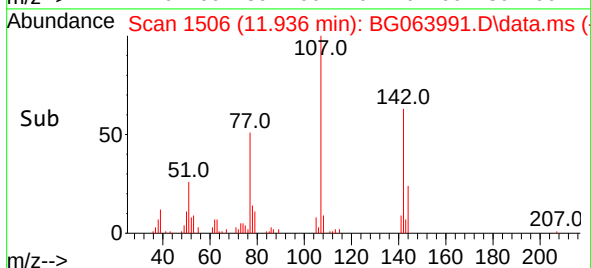
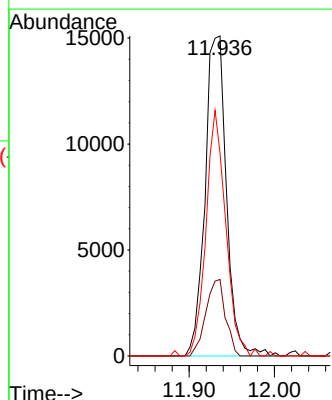
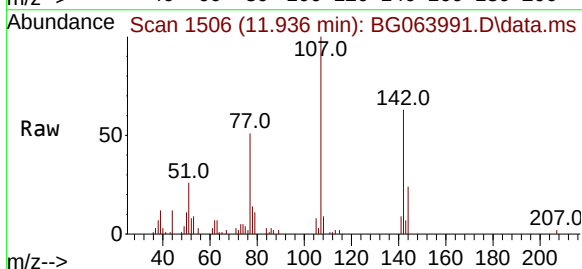
Tgt Ion:107 Resp: 26355

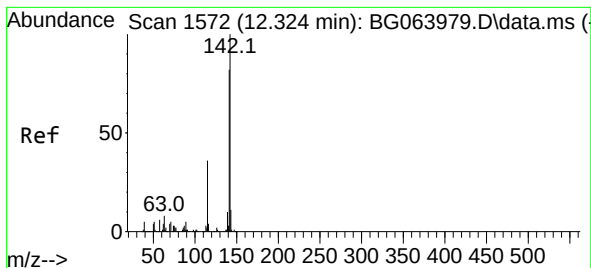
Ion Ratio Lower Upper

107 100

144 23.9 19.2 28.8

142 63.3 58.9 88.3





#37

2-Methylnaphthalene

Concen: 6.269 ng

RT: 12.318 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

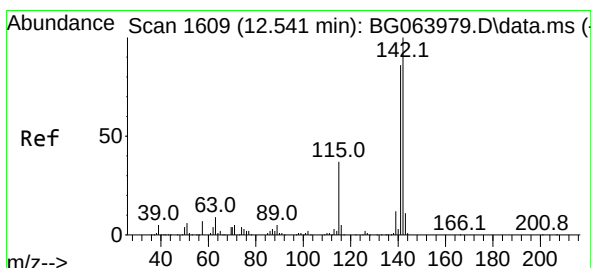
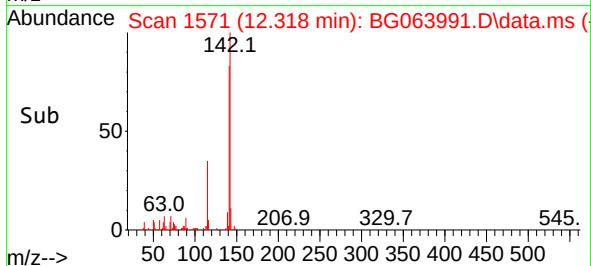
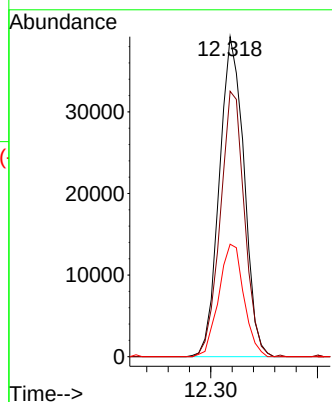
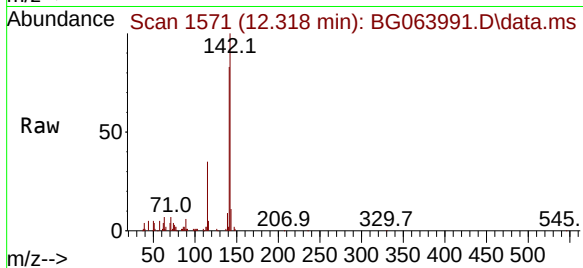
Tgt Ion:142 Resp: 62925

Ion Ratio Lower Upper

142 100

141 82.9 65.8 98.8

115 35.2 28.9 43.3



#38

1-Methylnaphthalene

Concen: 5.899 ng

RT: 12.541 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

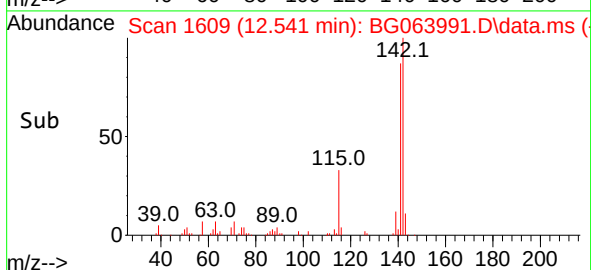
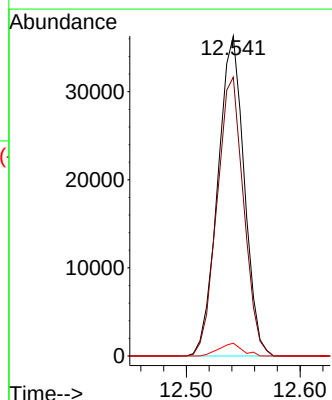
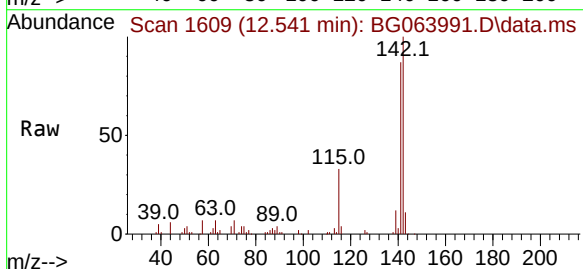
Tgt Ion:142 Resp: 58583

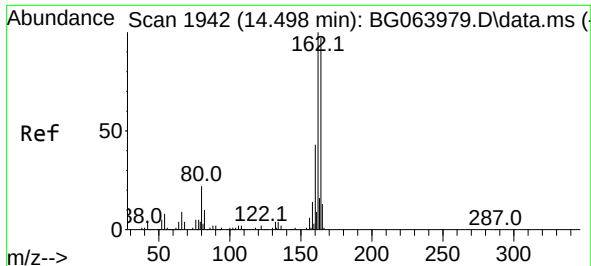
Ion Ratio Lower Upper

142 100

141 87.1 69.2 103.8

116 4.0 3.6 5.4

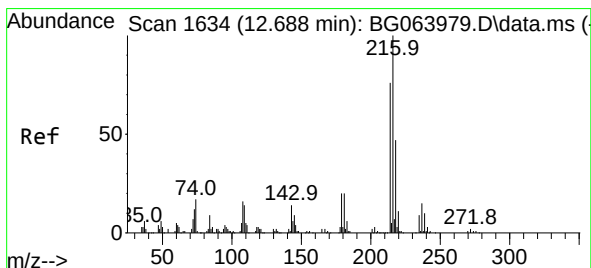
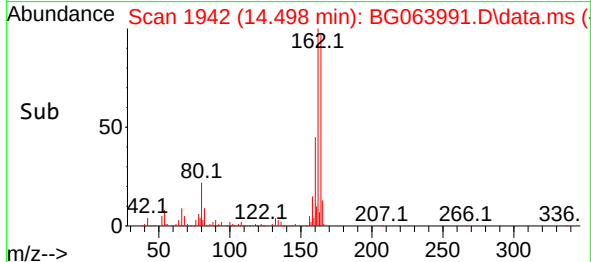
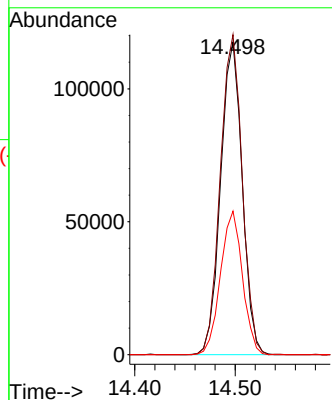
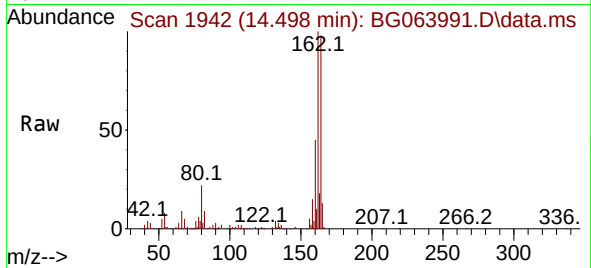




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

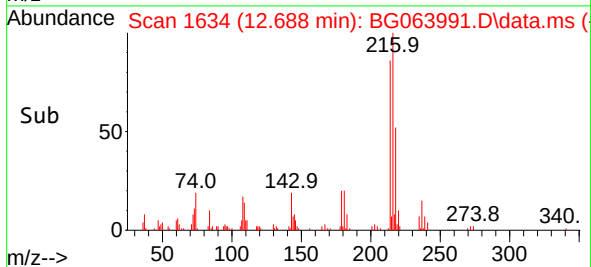
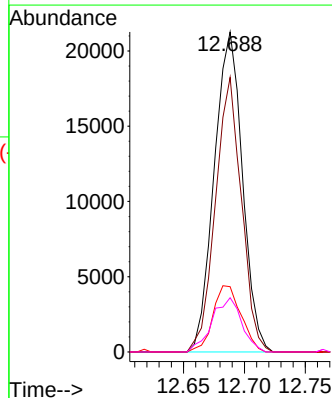
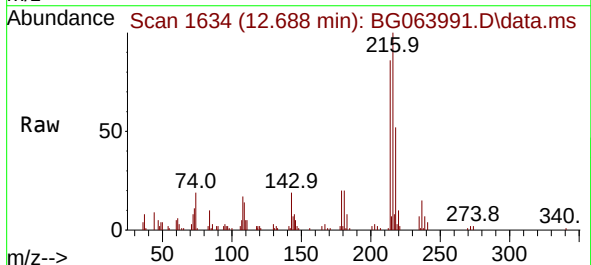
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

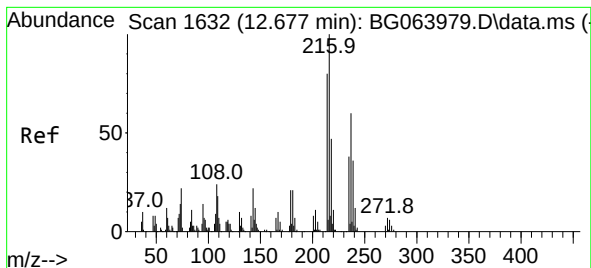
Tgt Ion:164 Resp: 175268
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 45.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.624 ng
RT: 12.688 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:216 Resp: 34238
Ion Ratio Lower Upper
216 100
214 79.1 62.9 94.3
179 20.6 16.6 25.0
108 17.8 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 7.599 ng

RT: 12.676 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

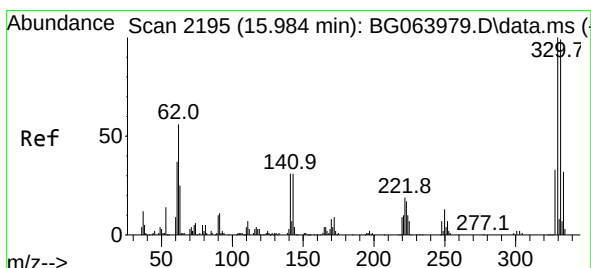
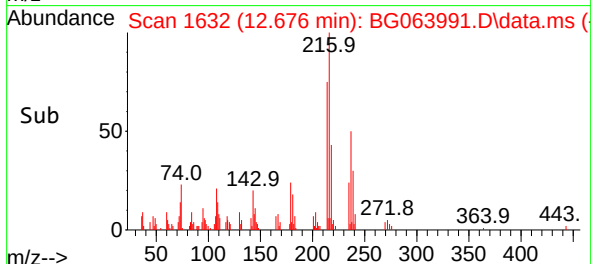
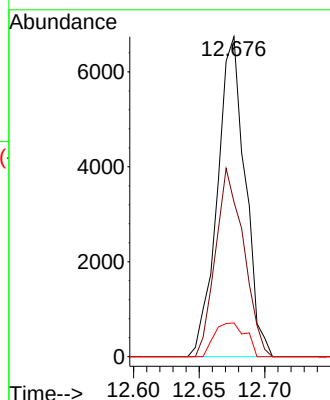
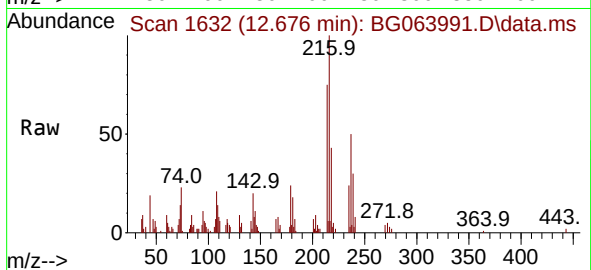
Tgt Ion:237 Resp: 9940

Ion Ratio Lower Upper

237 100

235 48.4 43.8 83.8

272 10.5 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 76.362 ng

RT: 15.978 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

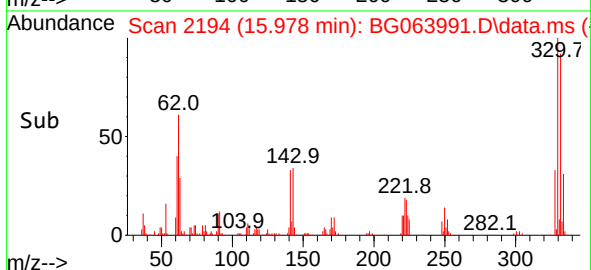
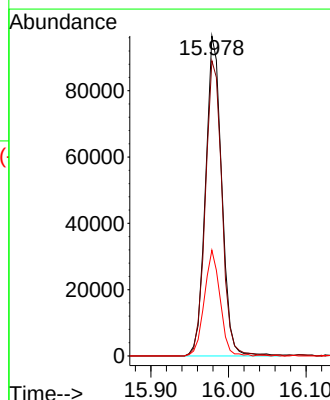
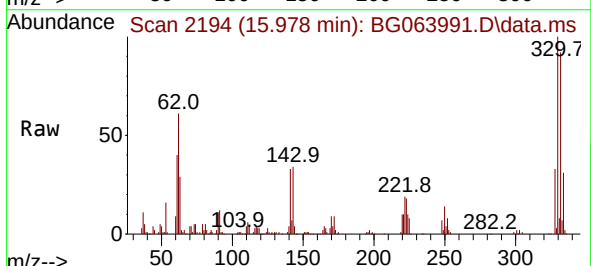
Tgt Ion:330 Resp: 140136

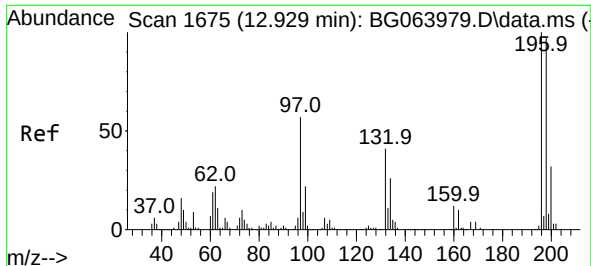
Ion Ratio Lower Upper

330 100

332 94.4 79.0 118.6

141 32.1 27.2 40.8

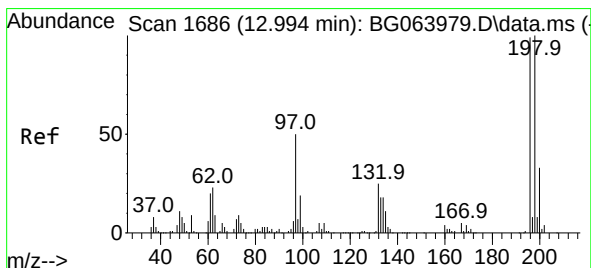
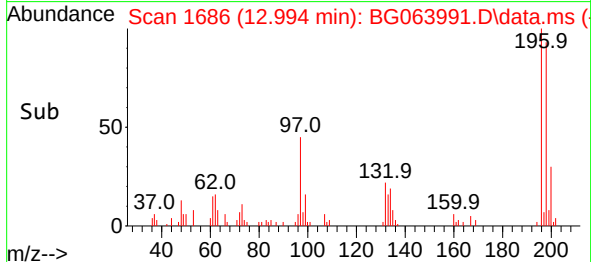
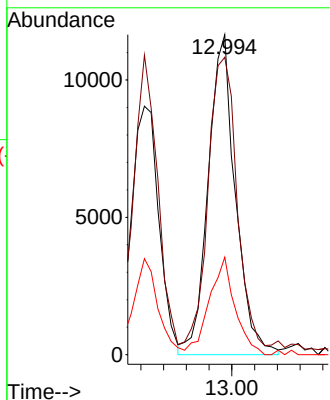
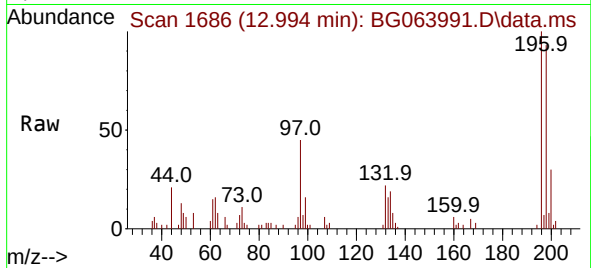




#43
2,4,6-Trichlorophenol
Concen: 10.631 ng
RT: 12.994 min Scan# 1
Delta R.T. 0.065 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

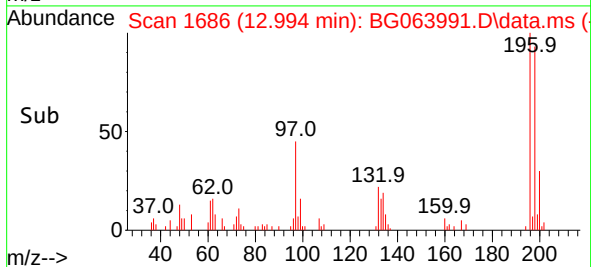
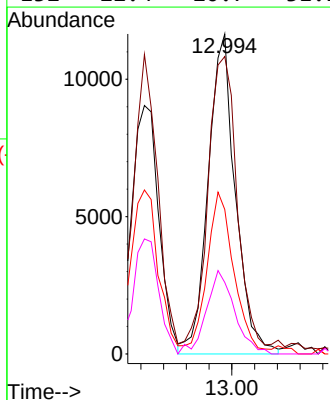
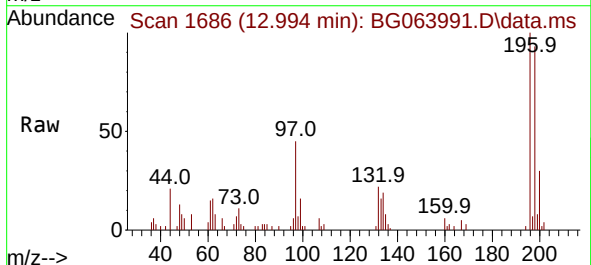
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

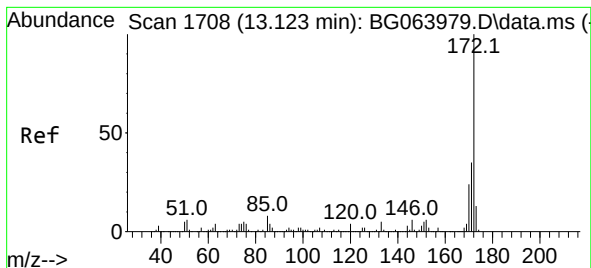
Tgt Ion:196 Resp: 19399
Ion Ratio Lower Upper
196 100
198 92.9 77.9 116.9
200 30.4 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 9.150 ng
RT: 12.994 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:196 Resp: 19399
Ion Ratio Lower Upper
196 100
198 92.9 81.1 121.7
97 45.1 41.2 61.8
132 22.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 53.766 ng

RT: 13.123 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

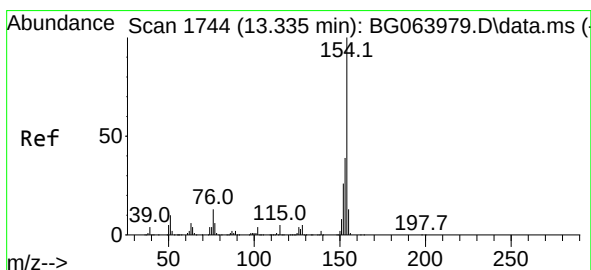
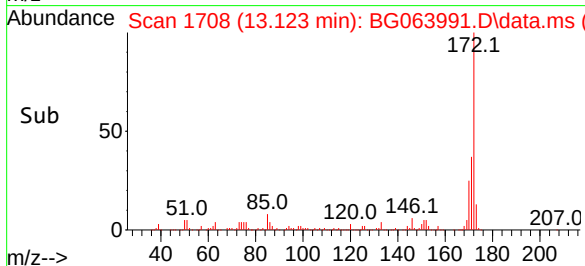
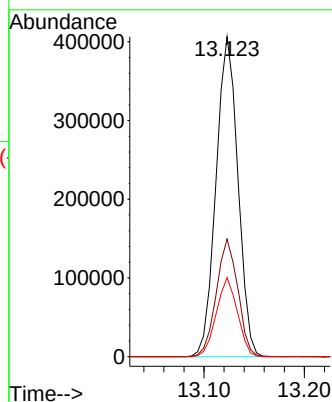
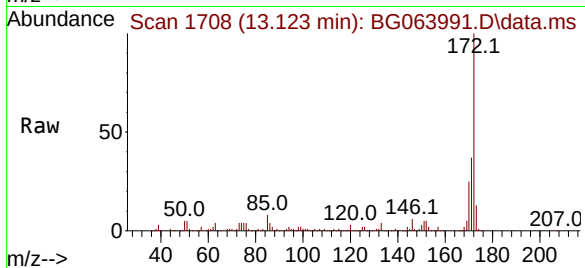
Tgt Ion:172 Resp: 615053

Ion Ratio Lower Upper

172 100

171 36.7 27.8 41.6

170 24.7 19.4 29.2



#46

1,1'-Biphenyl

Concen: 6.505 ng

RT: 13.334 min Scan# 1744

Delta R.T. -0.001 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

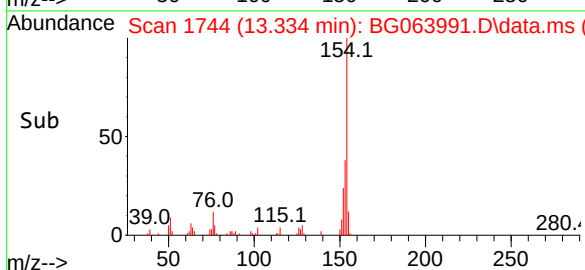
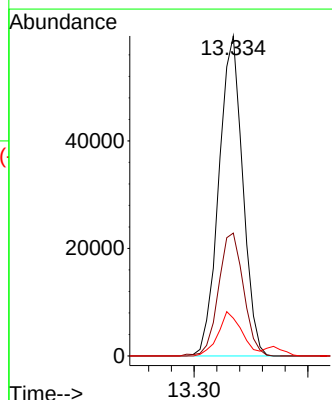
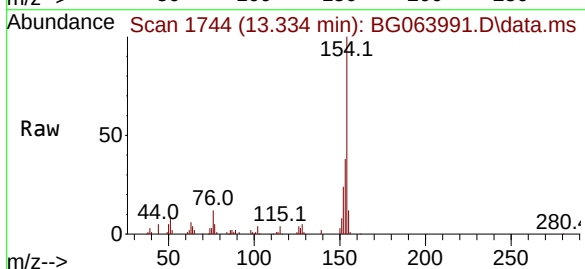
Tgt Ion:154 Resp: 86800

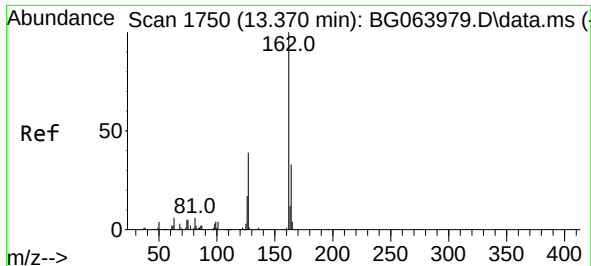
Ion Ratio Lower Upper

154 100

153 38.4 19.3 59.3

76 11.8 0.0 33.3

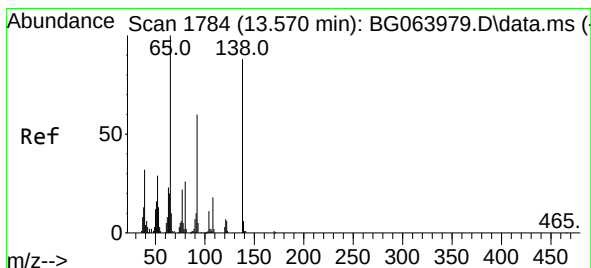
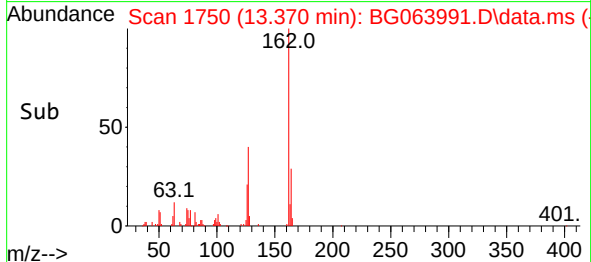
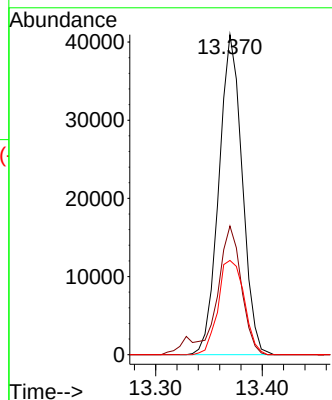
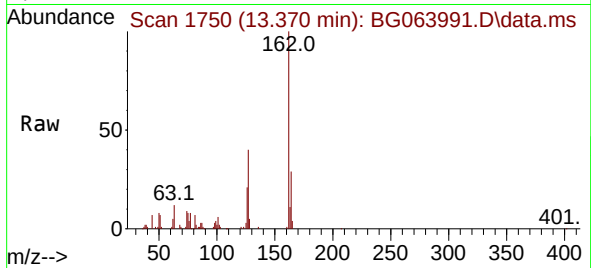




#47
2-Chloronaphthalene
Concen: 6.394 ng
RT: 13.370 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

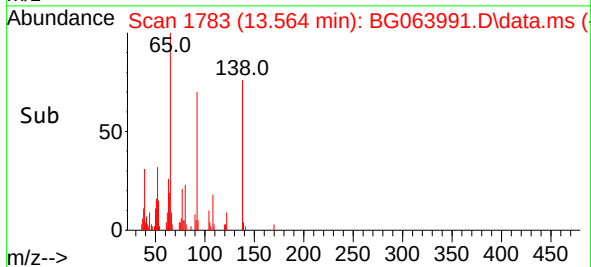
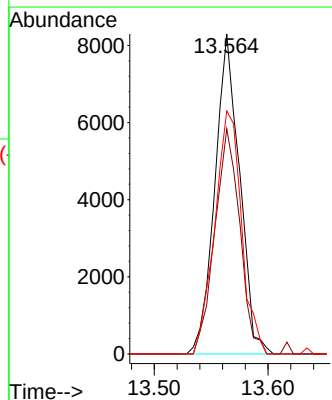
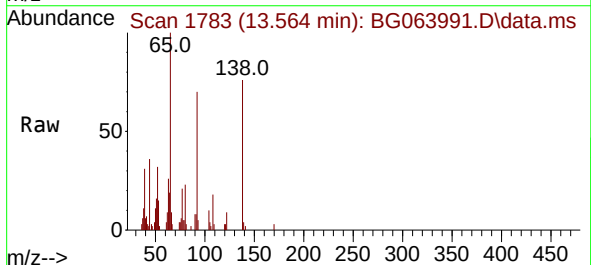
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

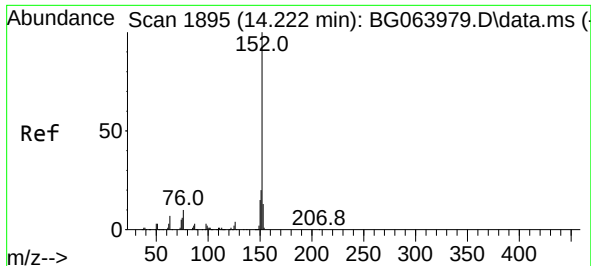
Tgt Ion:162 Resp: 62185
Ion Ratio Lower Upper
162 100
127 40.2 33.4 50.2
164 29.5 26.0 39.0



#48
2-Nitroaniline
Concen: 9.574 ng
RT: 13.564 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion: 65 Resp: 12498
Ion Ratio Lower Upper
65 100
92 70.4 47.6 71.4
138 76.0 70.6 106.0

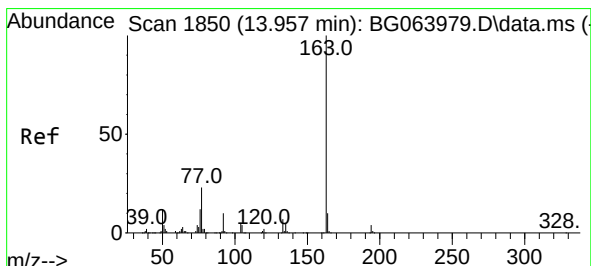
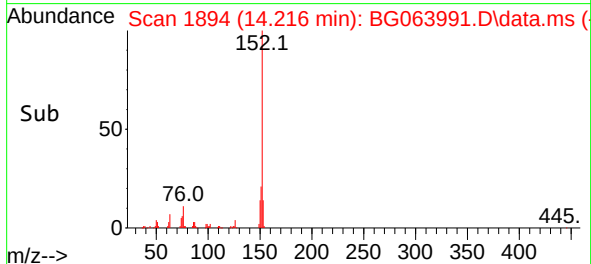
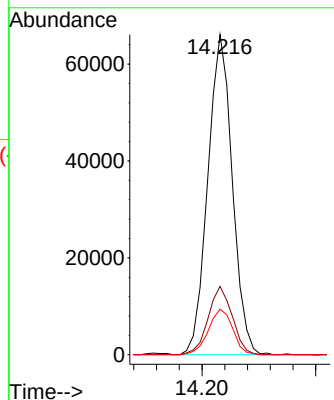
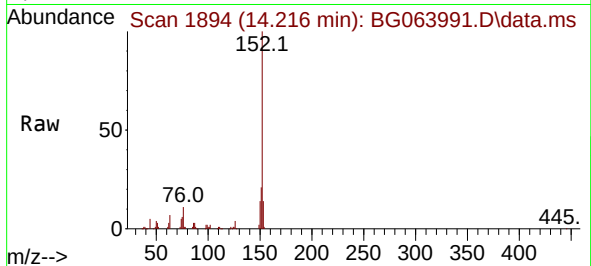




#49
Acenaphthylene
Concen: 6.533 ng
RT: 14.216 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

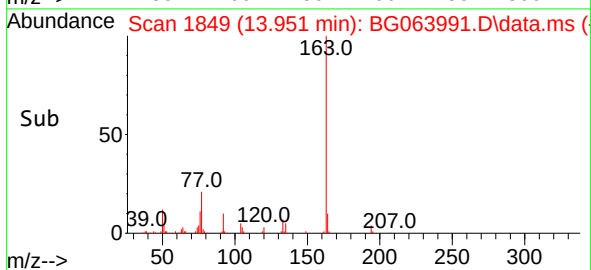
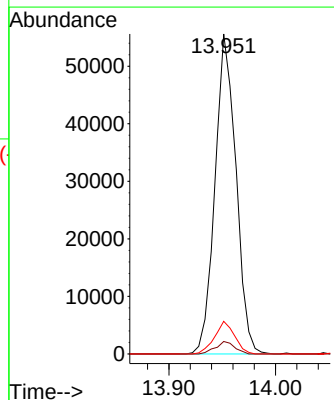
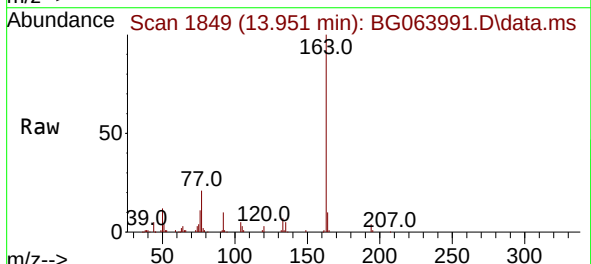
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

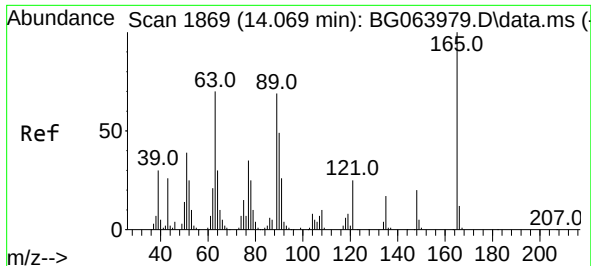
Tgt Ion:152 Resp: 98704
Ion Ratio Lower Upper
152 100
151 21.4 15.9 23.9
153 14.2 10.3 15.5



#50
Dimethylphthalate
Concen: 6.532 ng
RT: 13.951 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:163 Resp: 75914
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.0 12.0

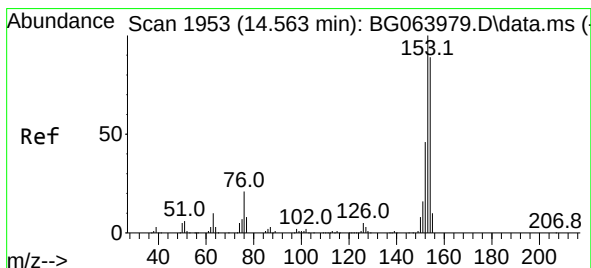
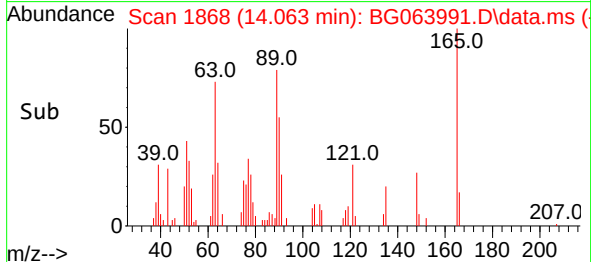
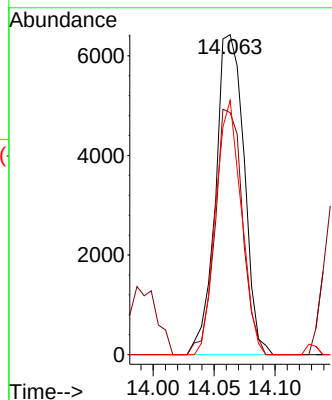
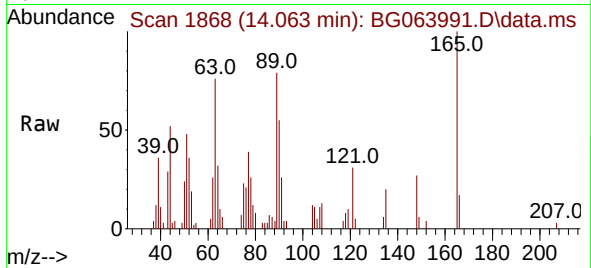




#51
2,6-Dinitrotoluene
Concen: 9.355 ng
RT: 14.063 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

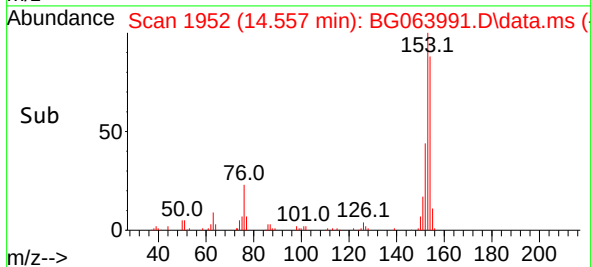
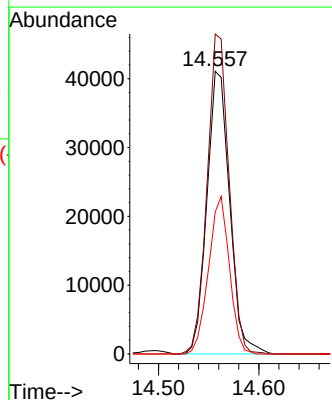
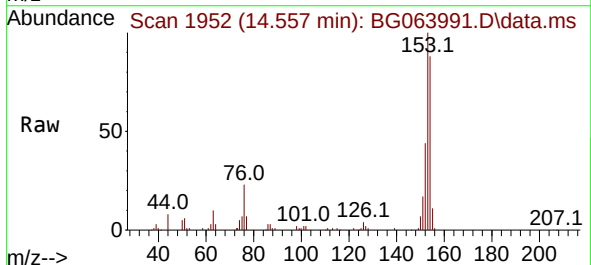
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

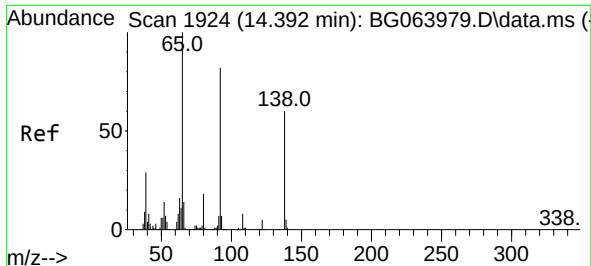
Tgt Ion:165 Resp: 10480
Ion Ratio Lower Upper
165 100
63 75.7 57.7 86.5
89 79.4 55.6 83.4



#52
Acenaphthene
Concen: 6.391 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:154 Resp: 64762
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.2
152 50.2 41.1 61.7

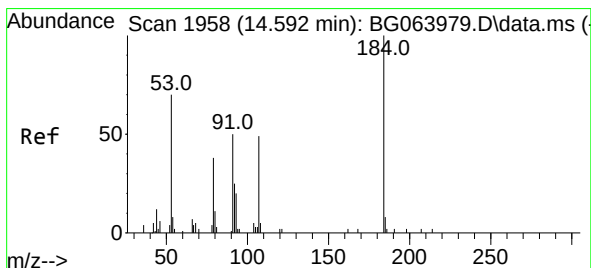
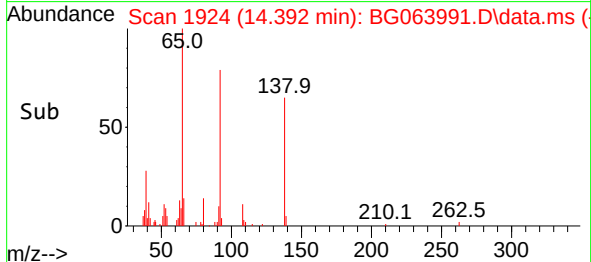
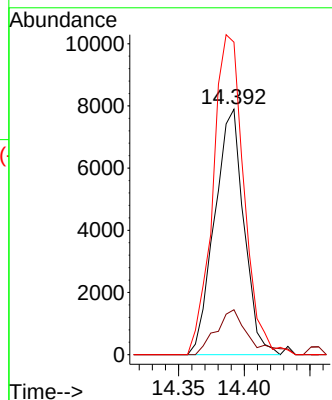
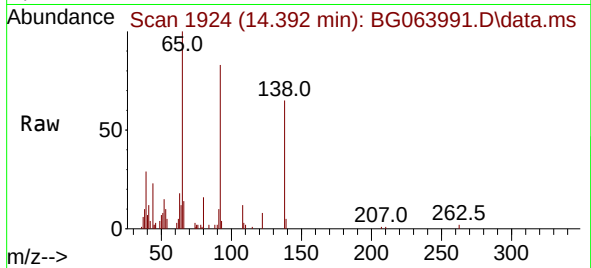




#53
3-Nitroaniline
Concen: 9.571 ng
RT: 14.392 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

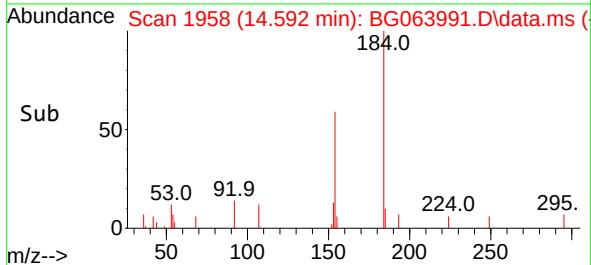
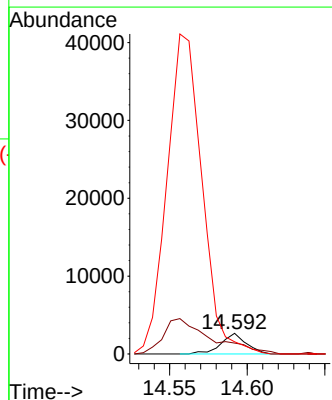
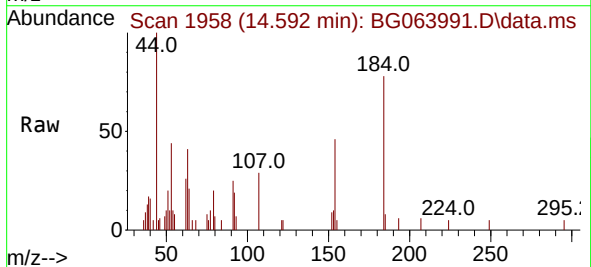
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

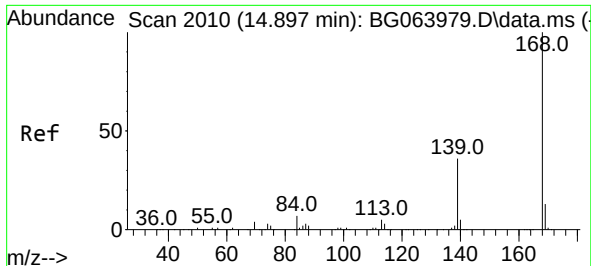
Tgt Ion:138 Resp: 12279
Ion Ratio Lower Upper
138 100
108 18.3 10.3 15.5#
92 127.3 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 11.012 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:184 Resp: 2971
Ion Ratio Lower Upper
184 100
63 52.8 67.3 100.9#
154 58.8 65.9 98.9#

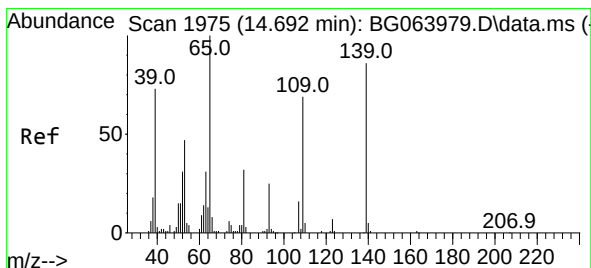
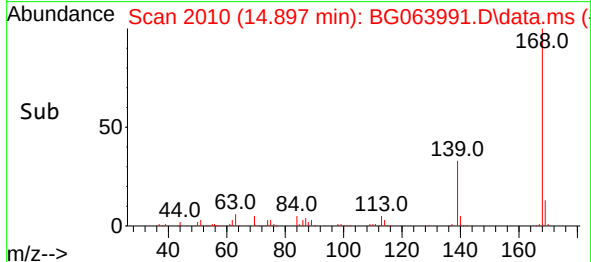
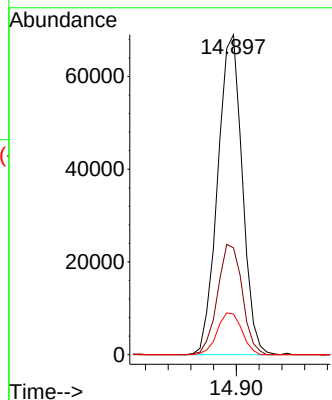
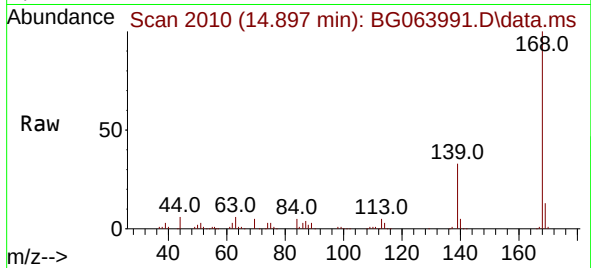




#55
Dibenzofuran
Concen: 6.291 ng
RT: 14.897 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

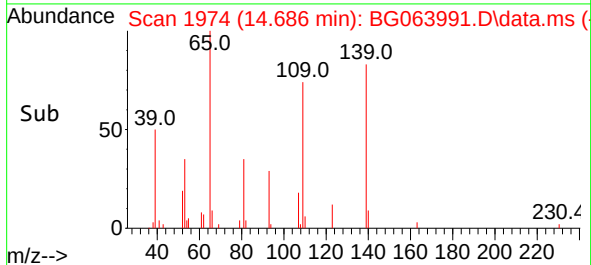
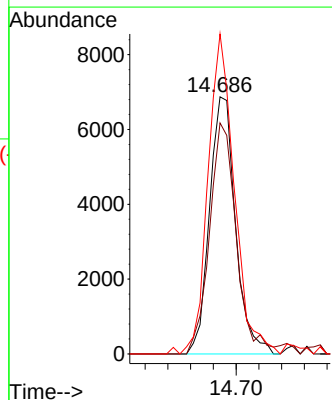
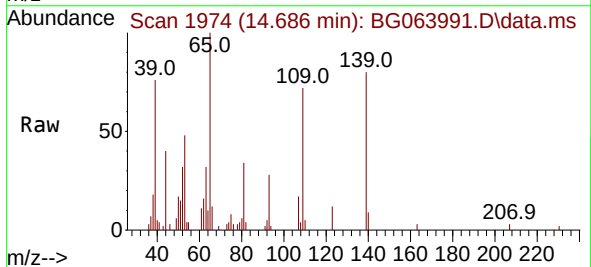
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

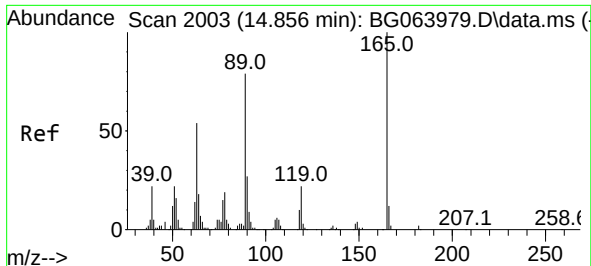
Tgt Ion:168 Resp: 103518
Ion Ratio Lower Upper
168 100
139 33.4 28.6 43.0
169 12.7 10.6 16.0



#56
4-Nitrophenol
Concen: 12.773 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

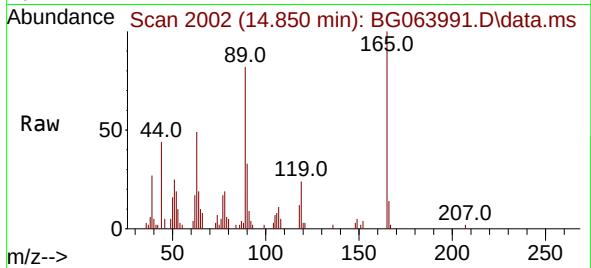
Tgt Ion:139 Resp: 10900
Ion Ratio Lower Upper
139 100
109 89.9 60.1 100.1
65 124.5 96.2 136.2



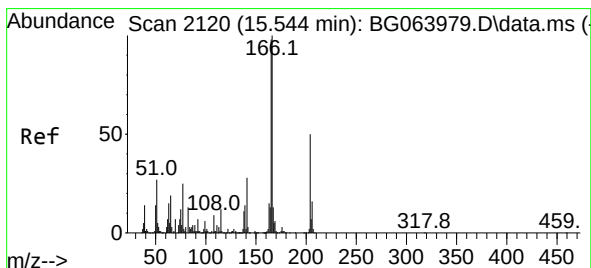
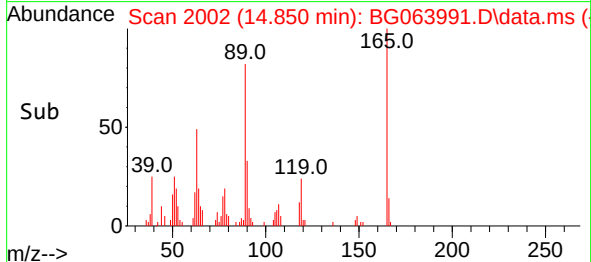
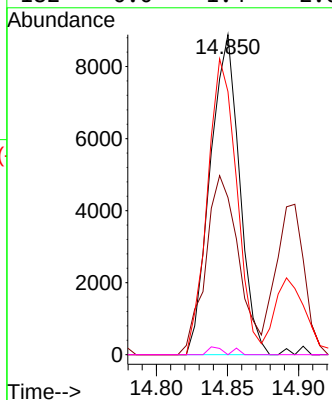


#57
2,4-Dinitrotoluene
Concen: 9.522 ng
RT: 14.850 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

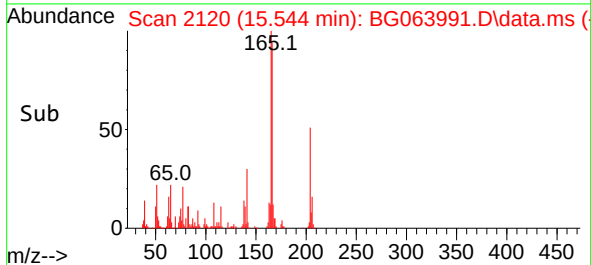
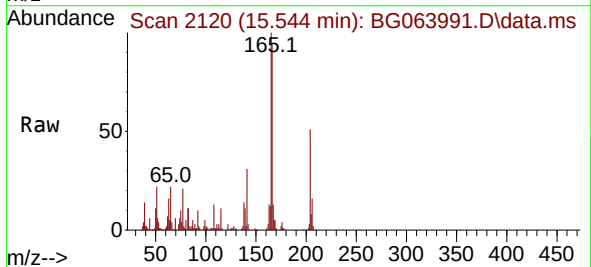
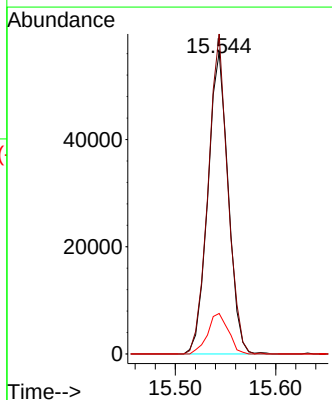


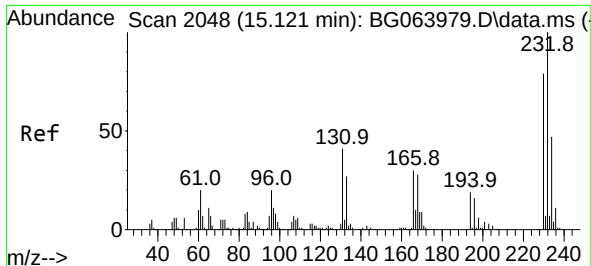
Tgt Ion:	165	Resp:	12773
Ion Ratio	Lower	Upper	
165	100		
63	49.1	43.6	65.4
89	82.2	63.1	94.7
182	0.0	1.4	2.0



#58
Fluorene
Concen: 6.229 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:	166	Resp:	79227
Ion Ratio	Lower	Upper	
166	100		
165	106.0	78.7	118.1
167	13.4	10.1	15.1

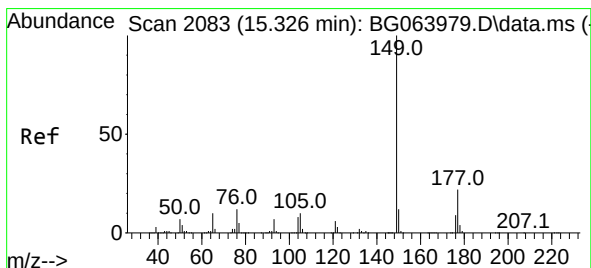
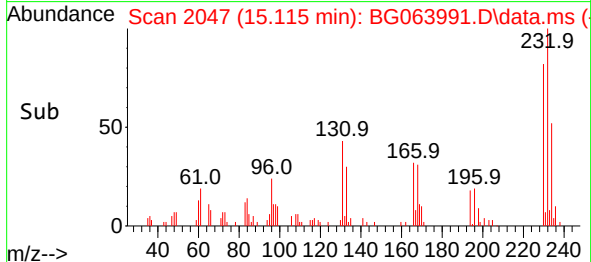
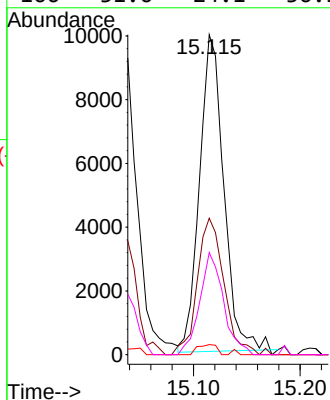
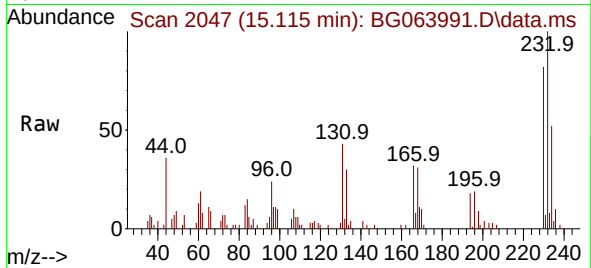




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.460 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

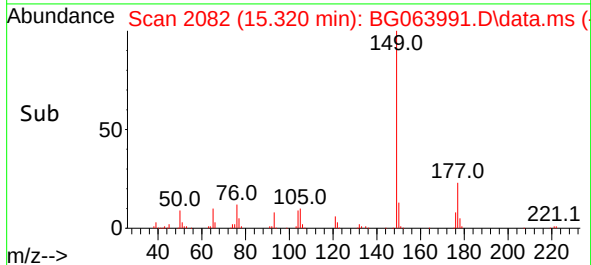
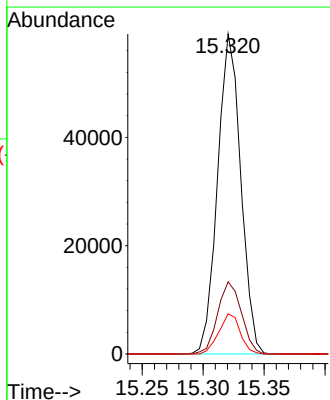
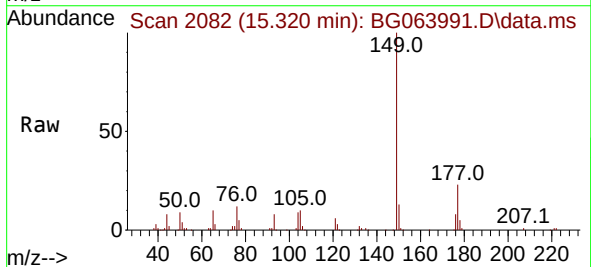
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

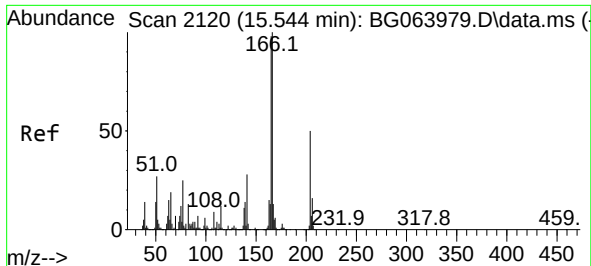
Tgt Ion:232 Resp: 15727
Ion Ratio Lower Upper
232 100
131 47.4 34.0 51.0
130 2.5 2.2 3.4
166 31.6 24.1 36.1



#60
Diethylphthalate
Concen: 6.353 ng
RT: 15.320 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:149 Resp: 78272
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.6 9.7 14.5

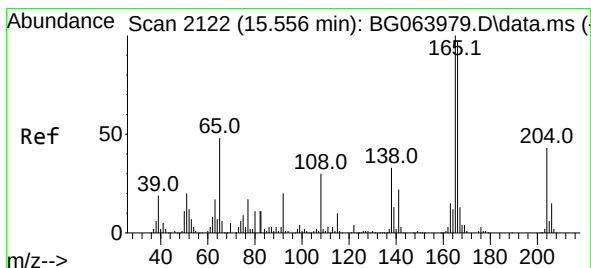
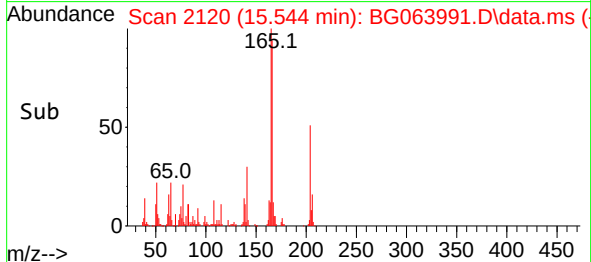
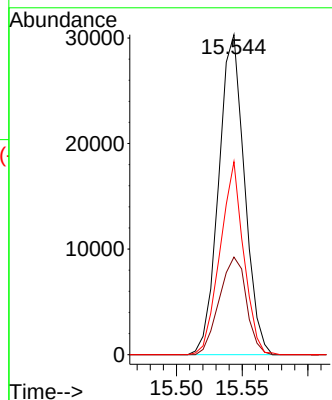
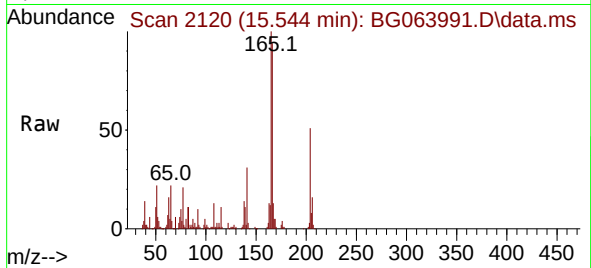




#61
4-Chlorophenyl-phenylether
Concen: 6.492 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

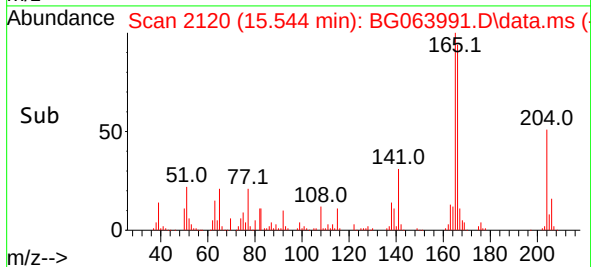
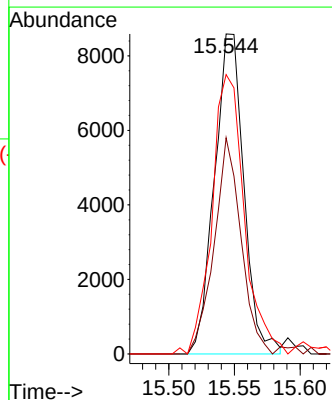
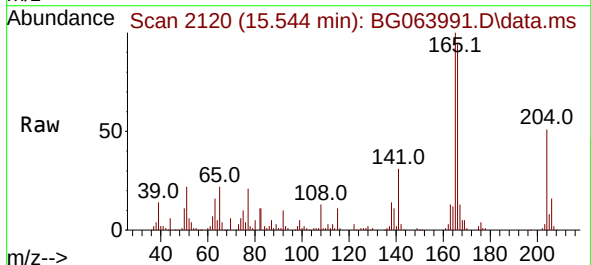
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

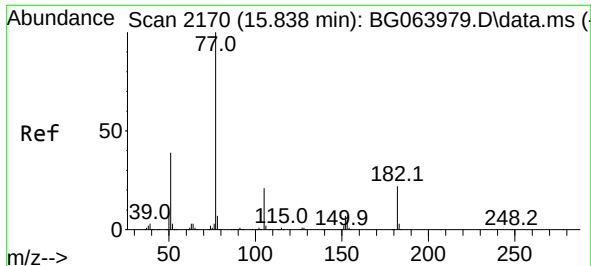
Tgt Ion:204 Resp: 41424
Ion Ratio Lower Upper
204 100
206 30.5 25.8 38.6
141 60.3 44.6 67.0



#62
4-Nitroaniline
Concen: 8.412 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:138 Resp: 13408
Ion Ratio Lower Upper
138 100
92 67.5 40.3 80.3
108 87.3 69.3 109.3

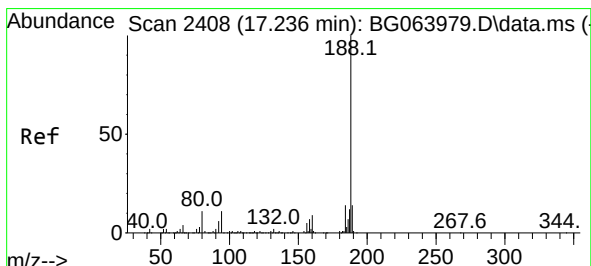
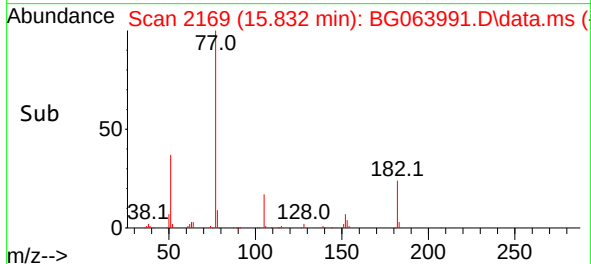
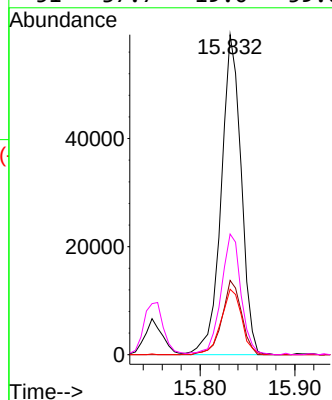
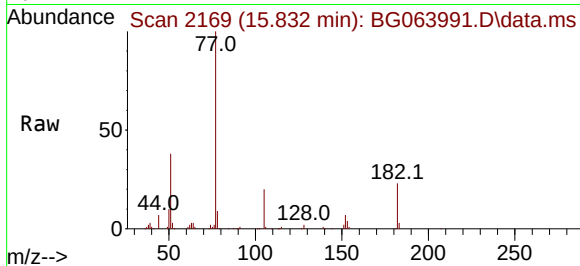




#63
Azobenzene
Concen: 5.974 ng
RT: 15.832 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

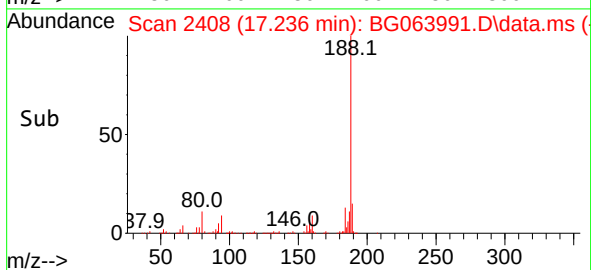
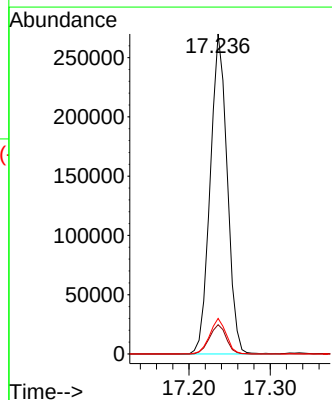
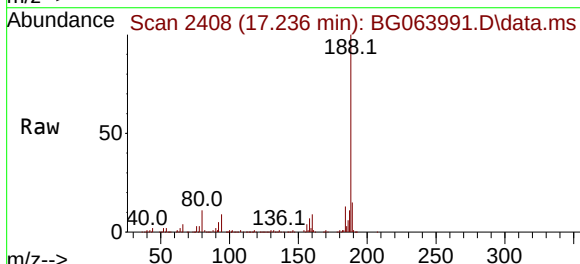
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

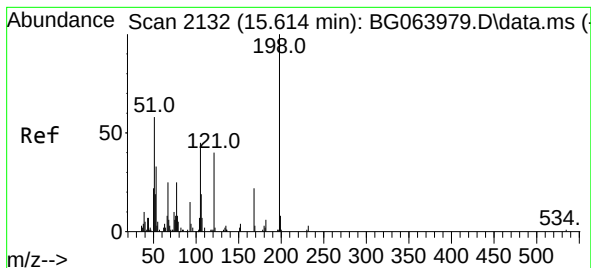
Tgt Ion: 77	Resp: 86935
Ion Ratio	Lower Upper
77 100	
182 23.2	2.3 42.3
105 20.4	1.0 41.0
51 37.7	19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion: 188	Resp: 392214
Ion Ratio	Lower Upper
188 100	
94 9.1	8.6 13.0
80 11.1	8.5 12.7

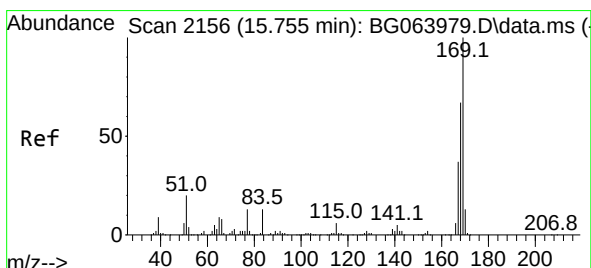
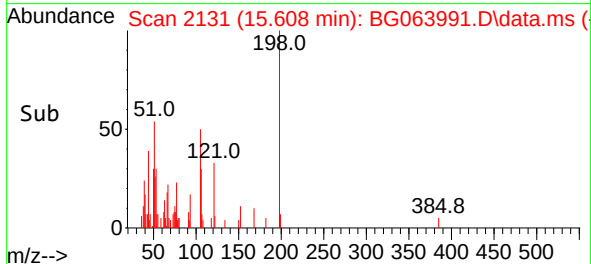
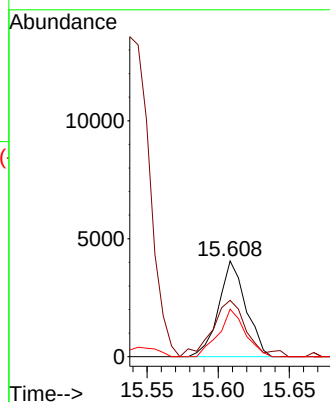
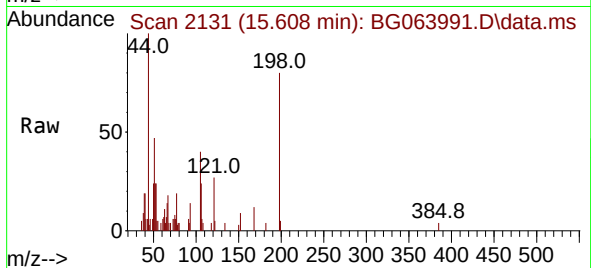




#65
4,6-Dinitro-2-methylphenol
Concen: 11.305 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

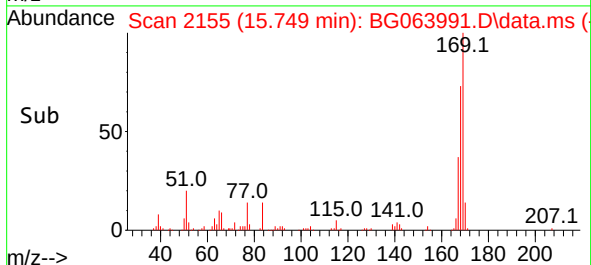
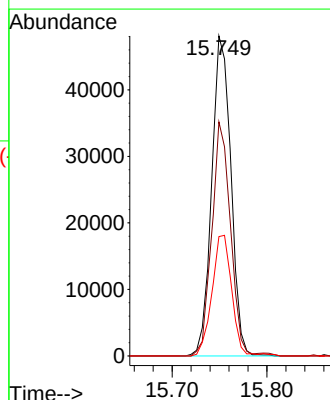
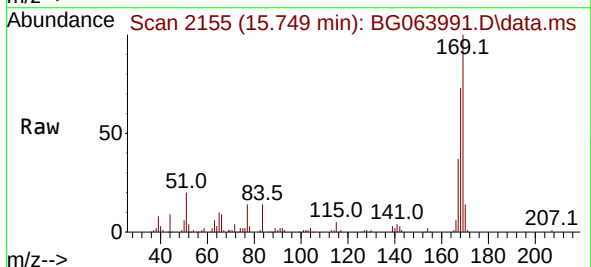
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

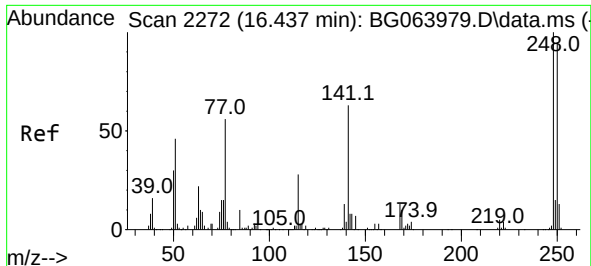
Tgt Ion:198 Resp: 5388
Ion Ratio Lower Upper
198 100
51 58.9 45.4 85.4
105 49.7 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 6.211 ng
RT: 15.749 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:169 Resp: 67544
Ion Ratio Lower Upper
169 100
168 73.1 53.5 80.3
167 37.3 30.0 45.0

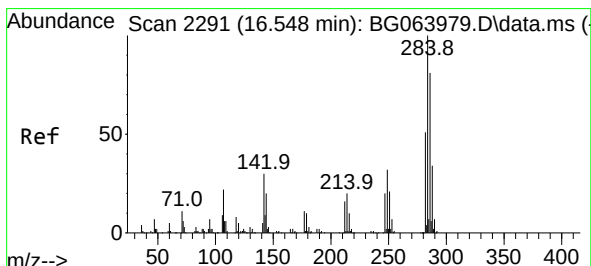
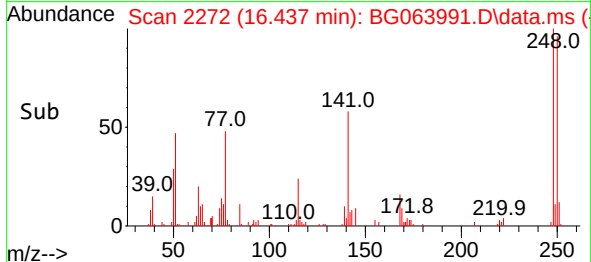
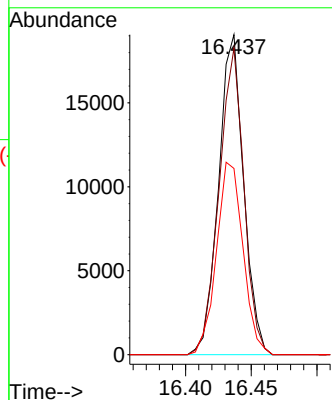
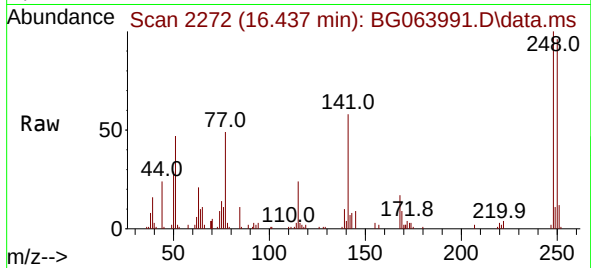




#67
4-Bromophenyl-phenylether
Concen: 6.485 ng
RT: 16.437 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

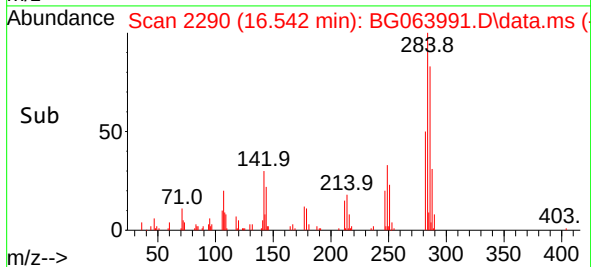
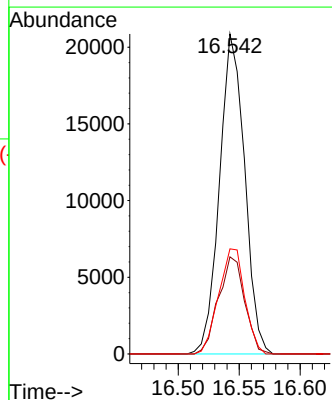
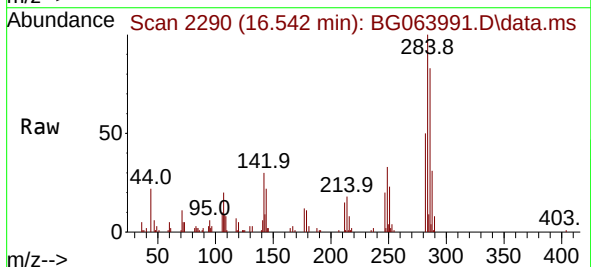
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

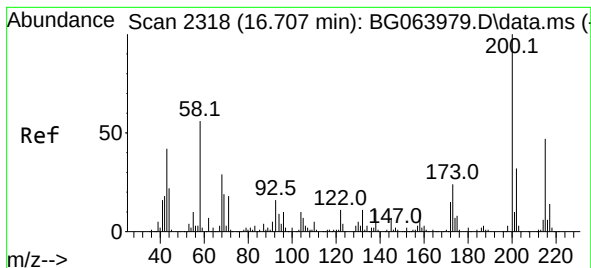
Tgt Ion:248 Resp: 25317
Ion Ratio Lower Upper
248 100
250 95.8 76.2 114.4
141 58.2 50.6 75.8



#68
Hexachlorobenzene
Concen: 6.510 ng
RT: 16.542 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:284 Resp: 29877
Ion Ratio Lower Upper
284 100
142 30.4 23.8 35.8
249 36.4 25.9 38.9





#69

Atrazine

Concen: 6.925 ng

RT: 16.701 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

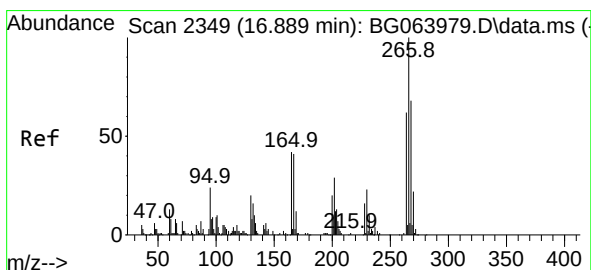
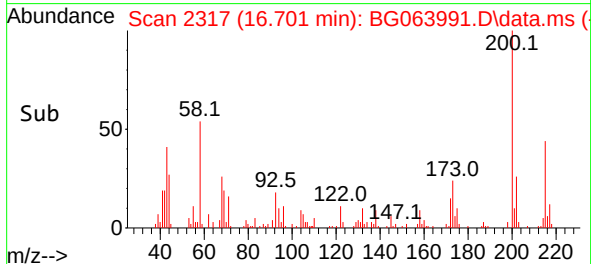
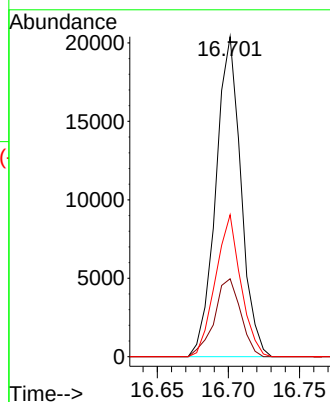
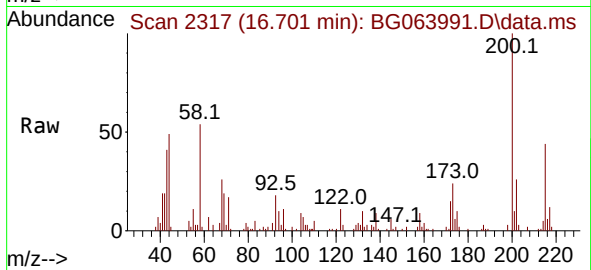
Tgt Ion:200 Resp: 25062

Ion Ratio Lower Upper

200 100

173 24.4 3.8 43.8

215 44.3 26.6 66.6



#70

Pentachlorophenol

Concen: 13.216 ng

RT: 16.883 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

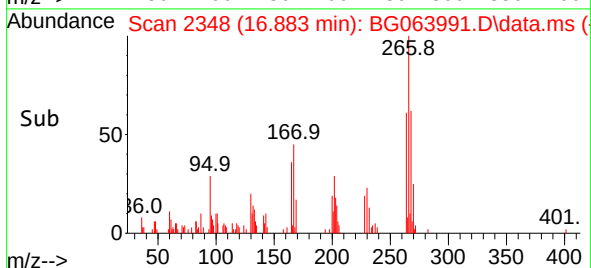
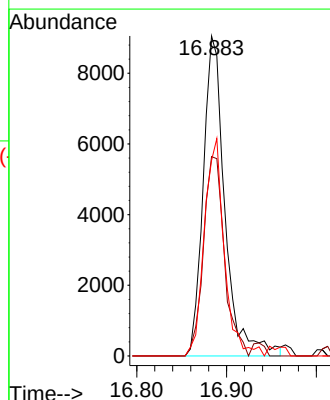
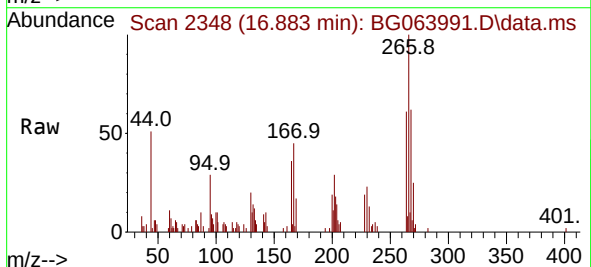
Tgt Ion:266 Resp: 15226

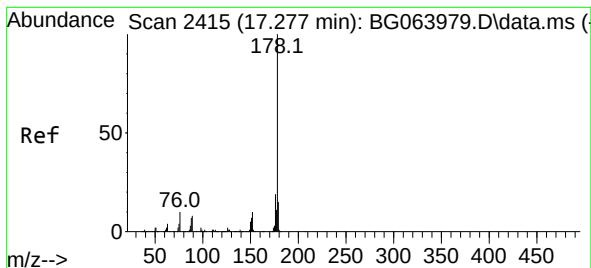
Ion Ratio Lower Upper

266 100

268 62.3 54.8 82.2

264 61.1 50.0 75.0





#71

Phenanthrene

Concen: 6.529 ng

RT: 17.277 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

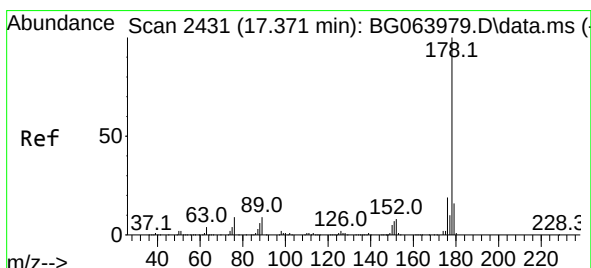
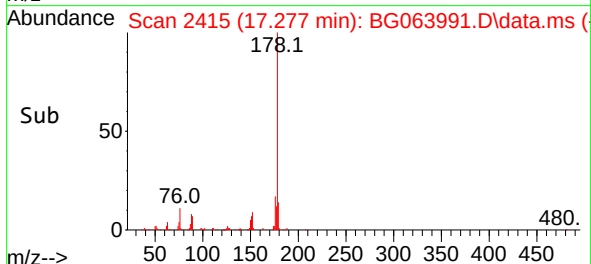
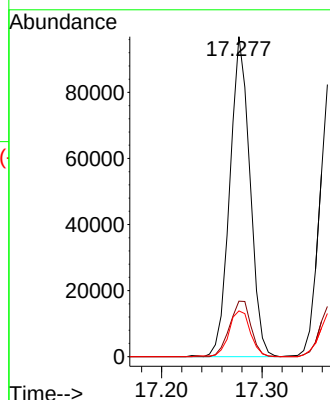
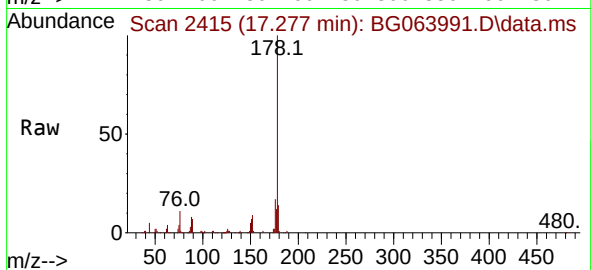
Tgt Ion:178 Resp: 134493

Ion Ratio Lower Upper

178 100

176 17.4 15.5 23.3

179 14.3 12.2 18.4



#72

Anthracene

Concen: 6.221 ng

RT: 17.371 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

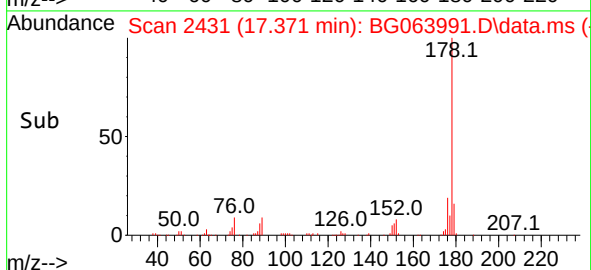
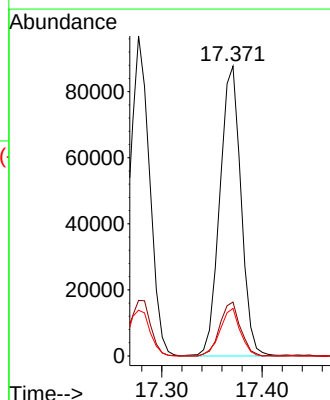
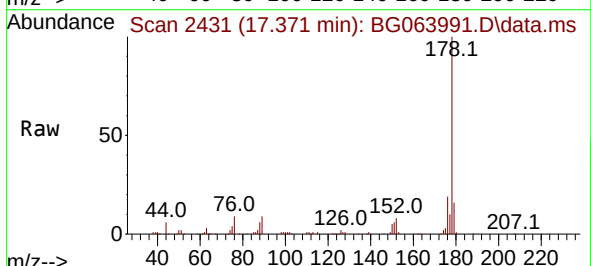
Tgt Ion:178 Resp: 128242

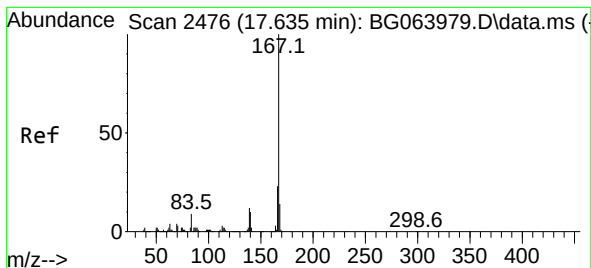
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 16.4 12.8 19.2





#73

Carbazole

Concen: 6.245 ng

RT: 17.629 min Scan# 2475

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

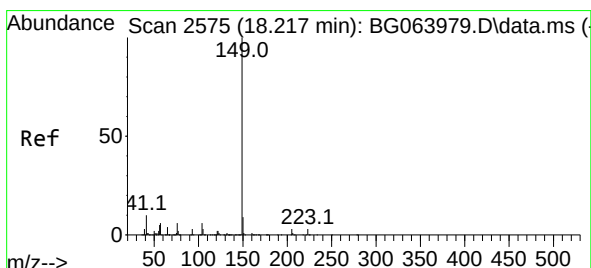
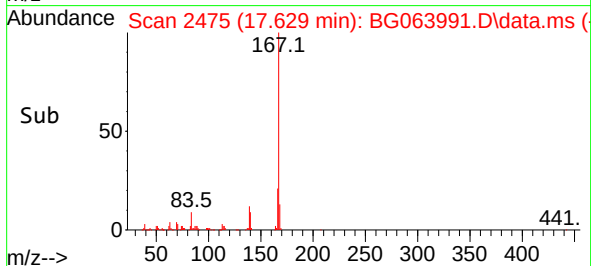
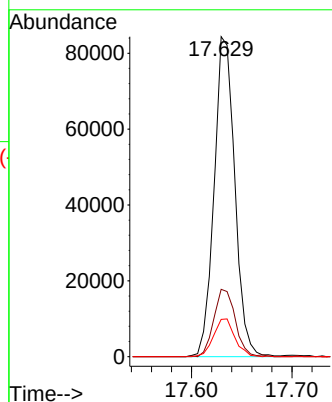
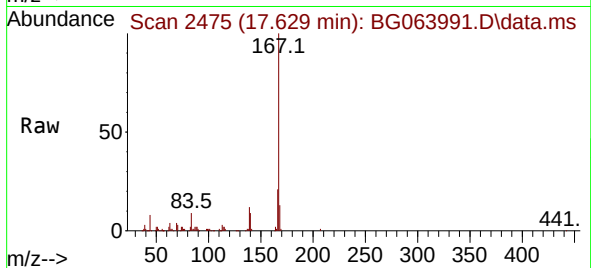
Tgt Ion:167 Resp: 120501

Ion Ratio Lower Upper

167 100

166 21.1 18.6 28.0

139 11.6 9.8 14.8



#74

Di-n-butylphthalate

Concen: 6.395 ng

RT: 18.217 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

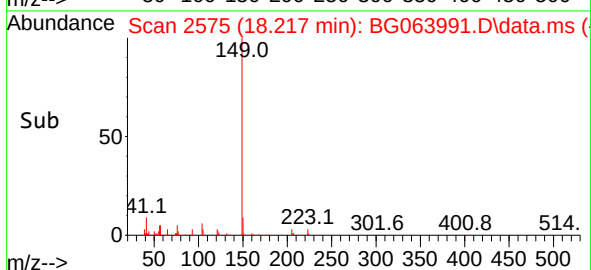
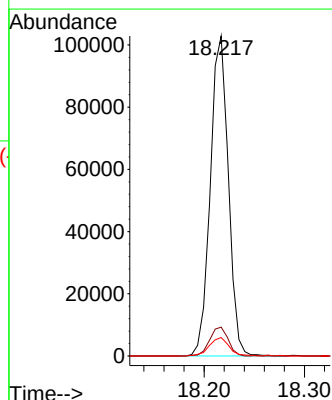
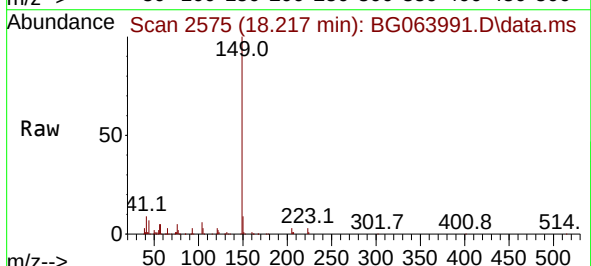
Tgt Ion:149 Resp: 128636

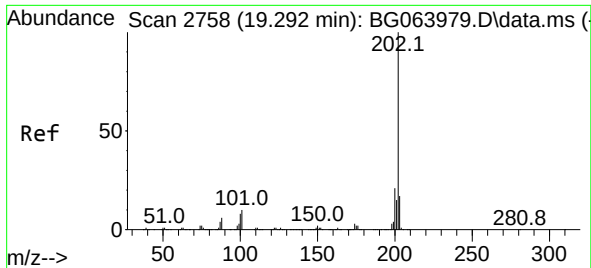
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.8 4.6 6.8

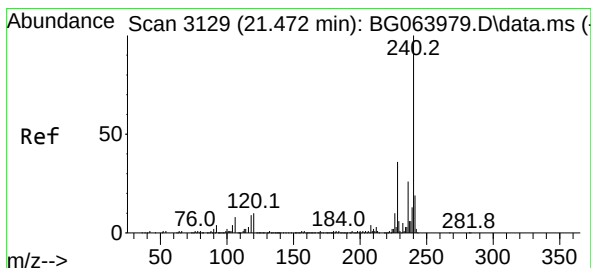
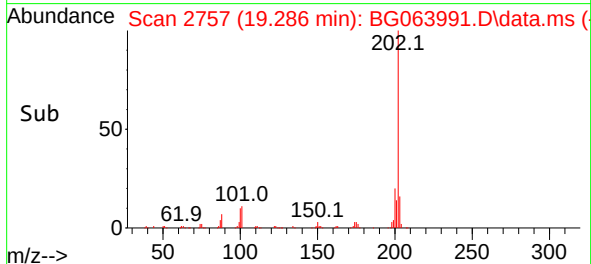
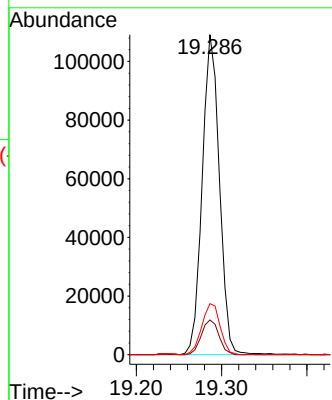
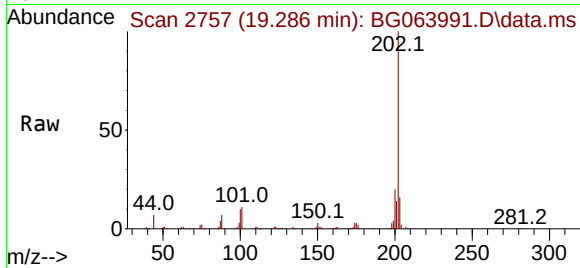




#75
Fluoranthene
Concen: 6.092 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

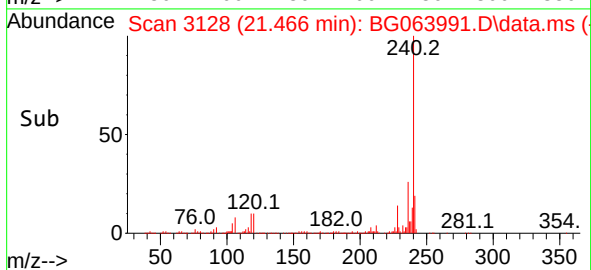
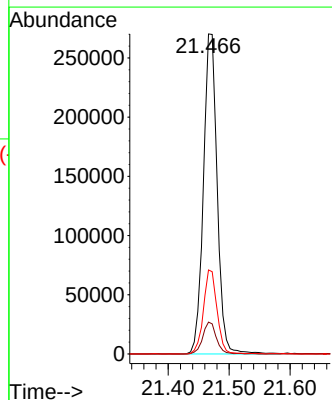
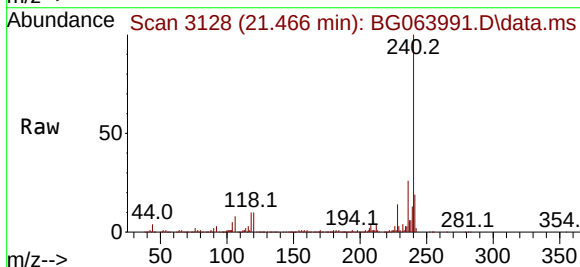
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

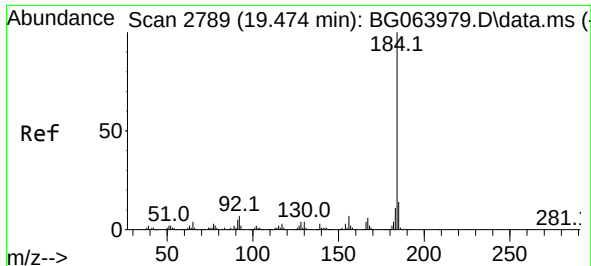
Tgt Ion:202 Resp: 152819
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.4
203 16.0 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.466 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:240 Resp: 426077
Ion Ratio Lower Upper
240 100
120 9.9 7.9 11.9
236 26.3 21.0 31.6

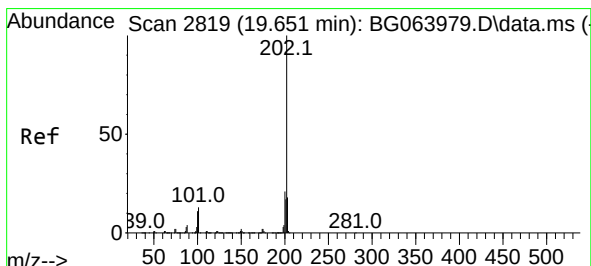
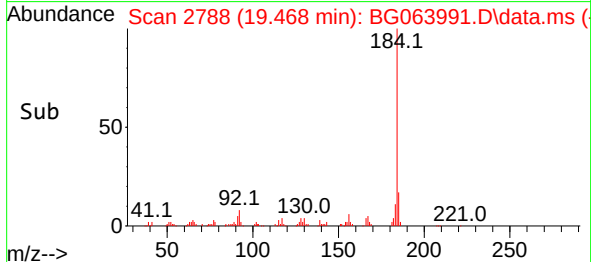
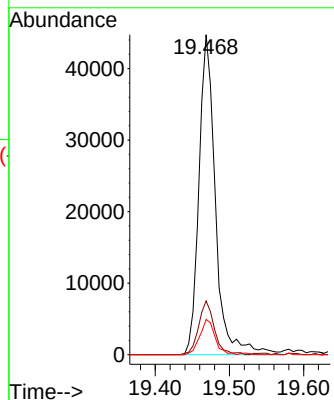
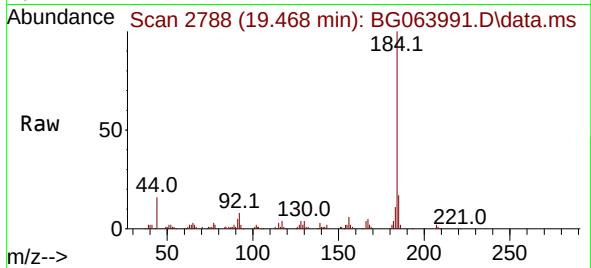




#77
Benzidine
Concen: 7.643 ng
RT: 19.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

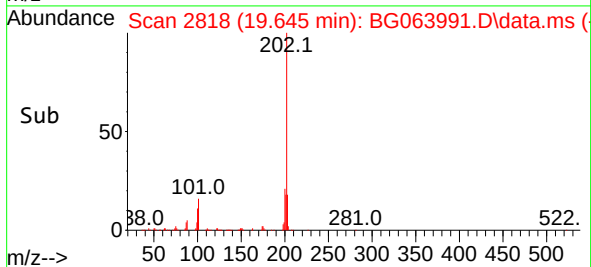
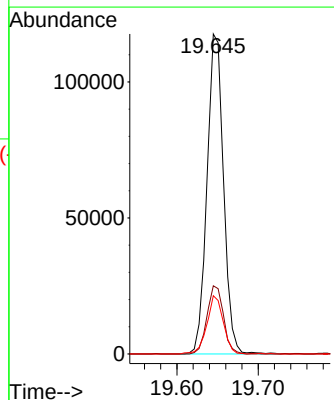
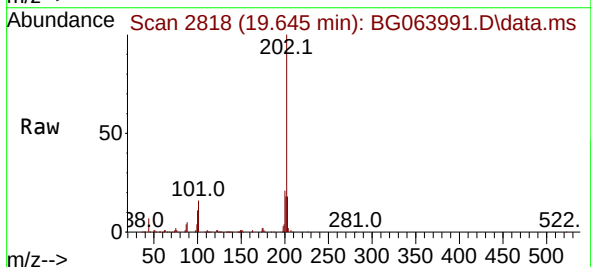
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

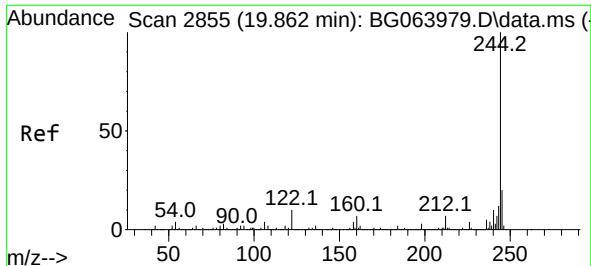
Tgt Ion:184 Resp: 69345
Ion Ratio Lower Upper
184 100
185 16.8 11.2 16.8#
183 11.0 8.7 13.1



#78
Pyrene
Concen: 6.306 ng
RT: 19.645 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:202 Resp: 165873
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.2 14.5 21.7

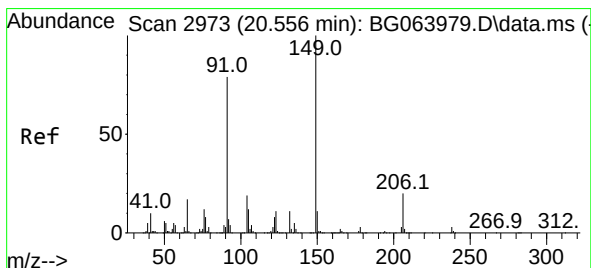
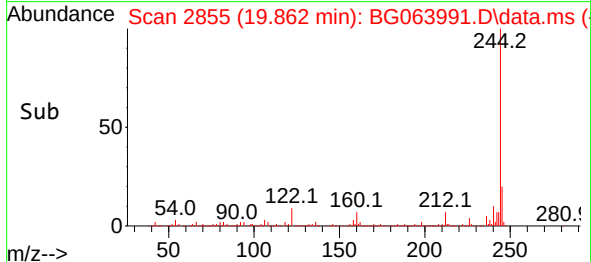
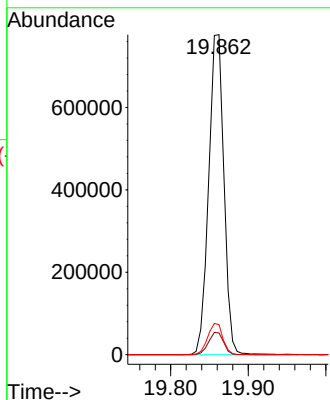
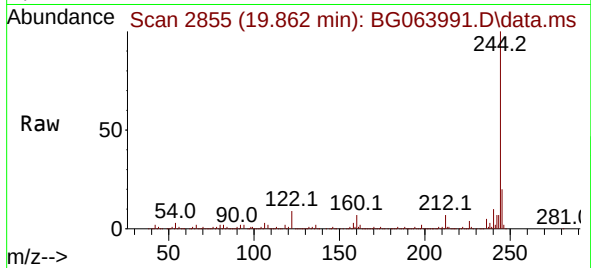




#79
 Terphenyl-d14
 Concen: 52.051 ng
 RT: 19.862 min Scan# 2855
 Delta R.T. -0.000 min
 Lab File: BG063991.D
 Acq: 4 Feb 2025 15:10

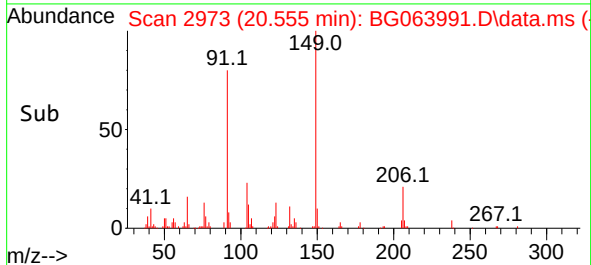
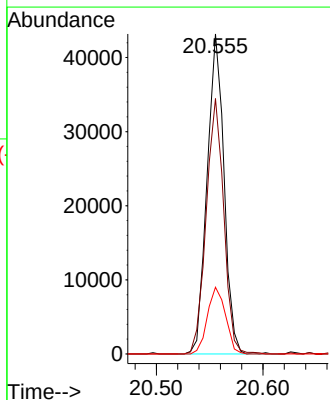
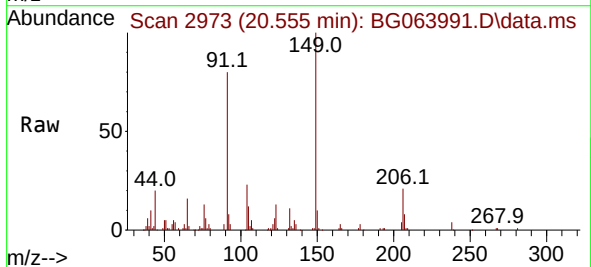
Instrument : BNA_G
 ClientSampleId : LOQ-WATER-02-QT1-2024

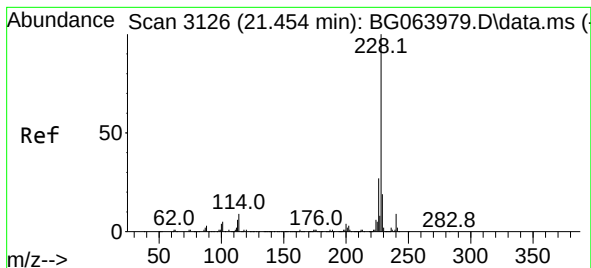
Tgt Ion:244 Resp: 1061925
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.4 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 10.146 ng
 RT: 20.555 min Scan# 2973
 Delta R.T. -0.001 min
 Lab File: BG063991.D
 Acq: 4 Feb 2025 15:10

Tgt Ion:149 Resp: 47675
 Ion Ratio Lower Upper
 149 100
 91 79.8 63.0 94.6
 206 20.9 15.8 23.6





#81

Benzo(a)anthracene

Concen: 6.593 ng

RT: 21.448 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

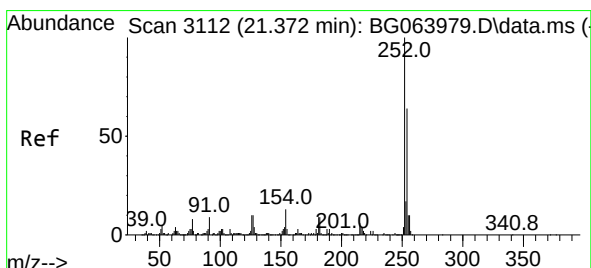
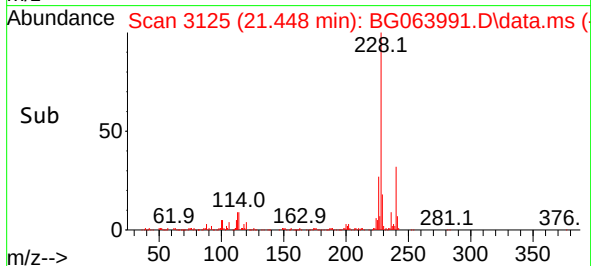
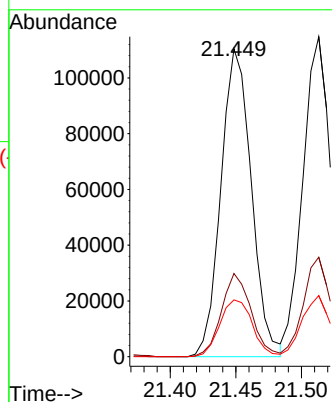
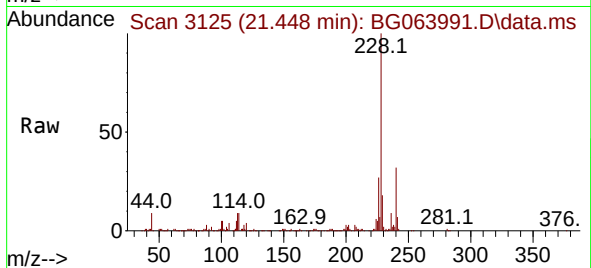
Tgt Ion:228 Resp: 178343

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

229 18.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 6.883 ng

RT: 21.372 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

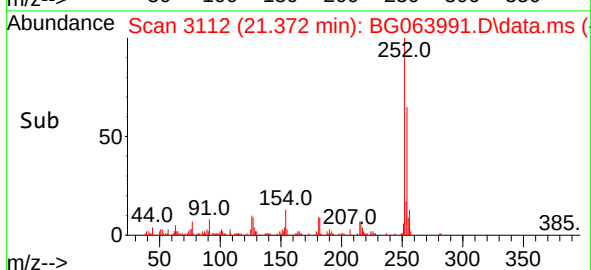
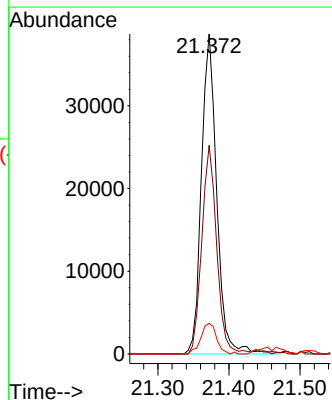
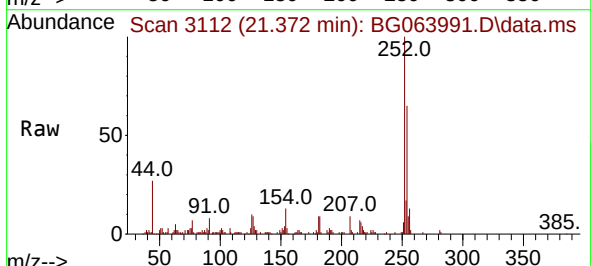
Tgt Ion:252 Resp: 57989

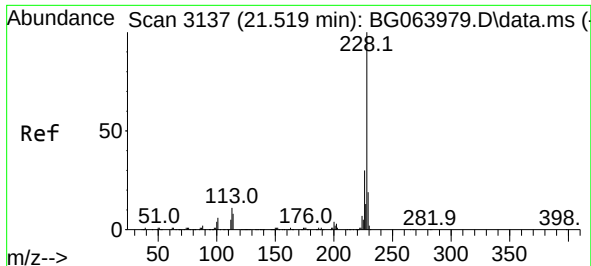
Ion Ratio Lower Upper

252 100

254 65.2 50.8 76.2

126 9.6 8.2 12.2





#83

Chrysene

Concen: 6.388 ng

RT: 21.513 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

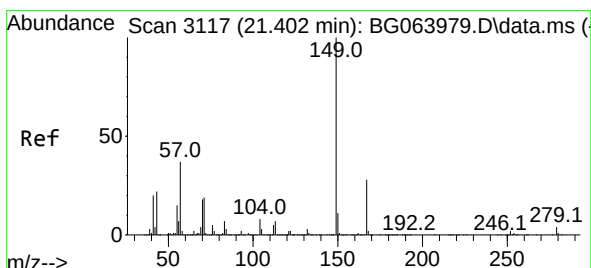
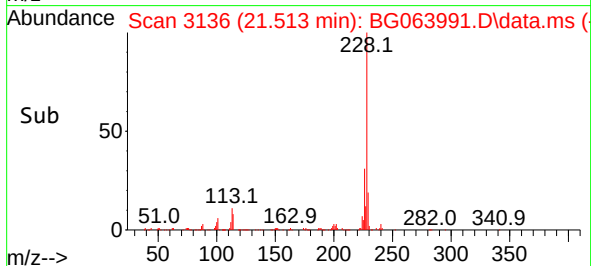
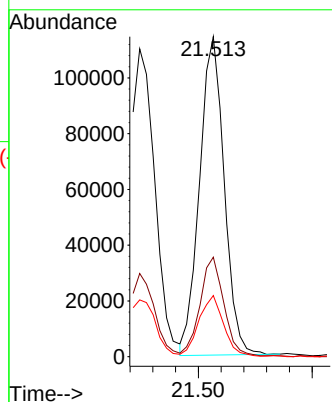
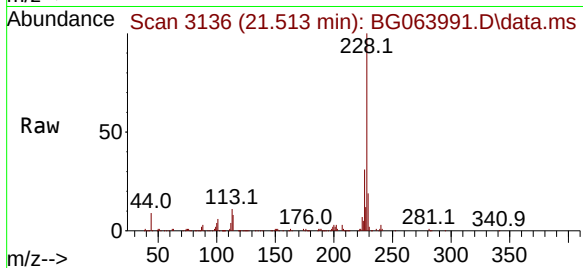
Tgt Ion:228 Resp: 171981

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 19.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.666 ng

RT: 21.396 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

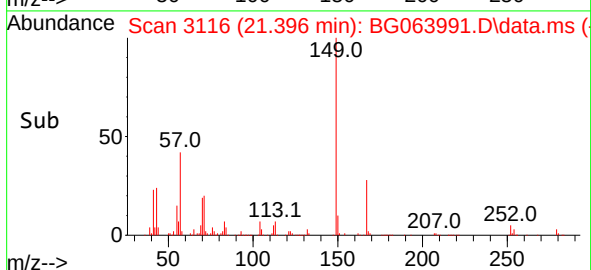
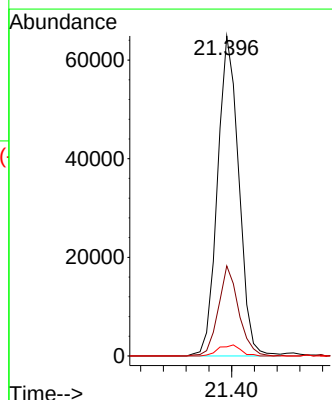
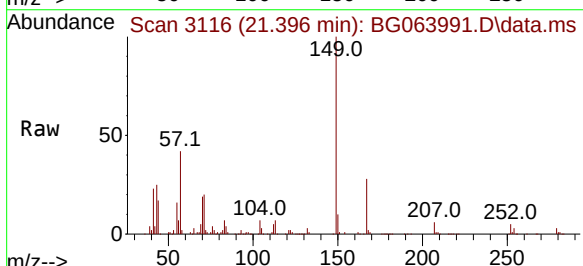
Tgt Ion:149 Resp: 84418

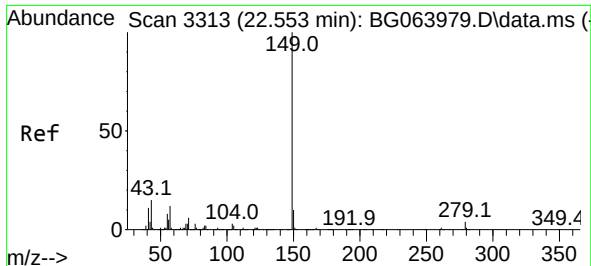
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 2.9 3.0 4.4#

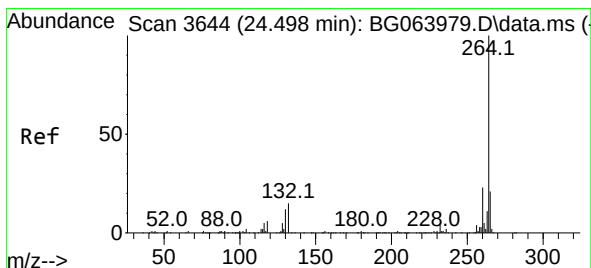
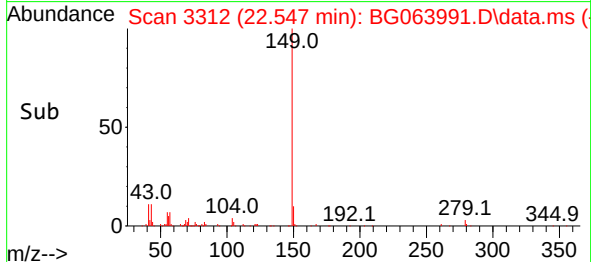
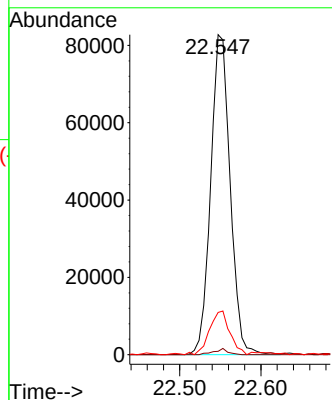
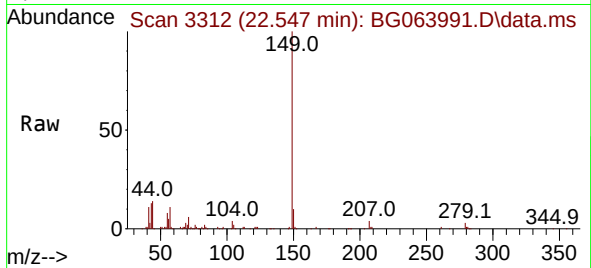




#85
Di-n-octyl phthalate
Concen: 11.829 ng
RT: 22.547 min Scan# 311
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

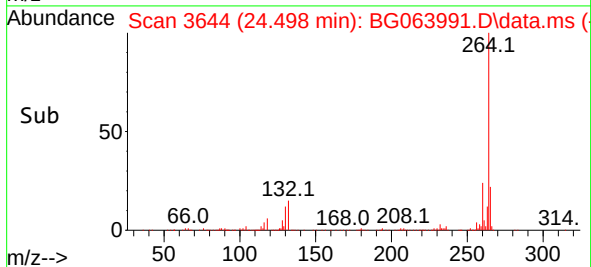
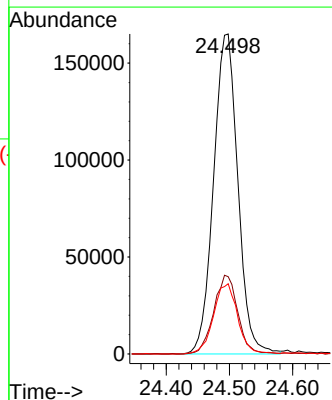
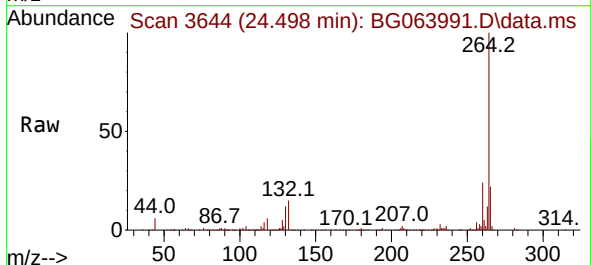
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

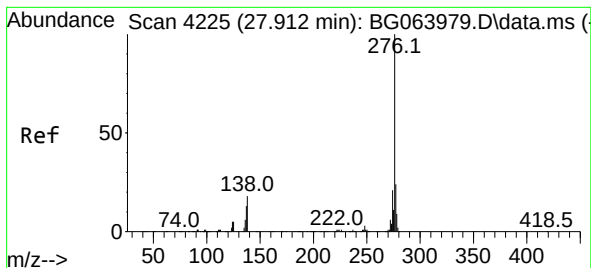
Tgt Ion:149 Resp: 137743
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 14.2 12.3 18.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.498 min Scan# 3644
Delta R.T. -0.000 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:264 Resp: 440598
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.9 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.745 ng

RT: 27.888 min Scan# 4221

Delta R.T. -0.024 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

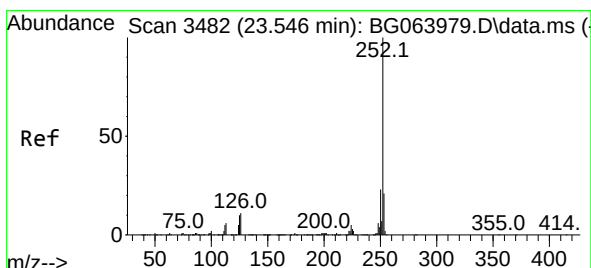
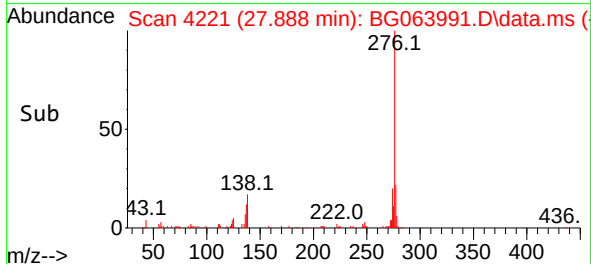
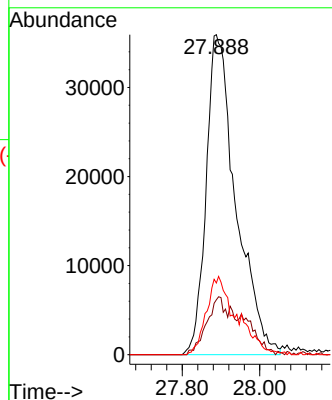
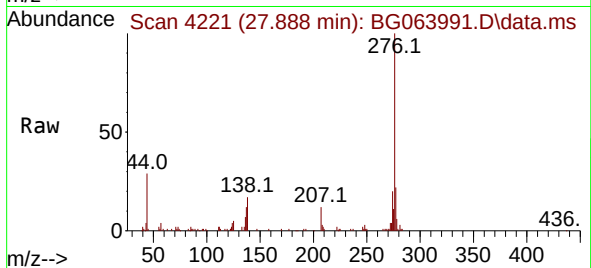
Tgt Ion:276 Resp: 191736

Ion Ratio Lower Upper

276 100

138 11.6 10.7 16.1

277 19.6 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 6.300 ng

RT: 23.540 min Scan# 3481

Delta R.T. -0.006 min

Lab File: BG063991.D

Acq: 4 Feb 2025 15:10

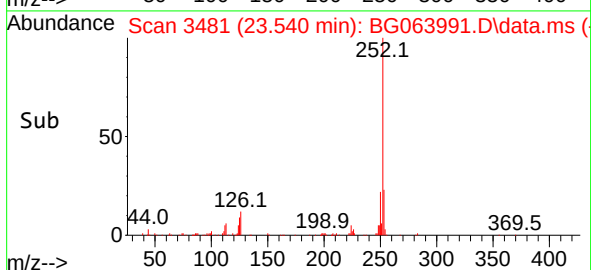
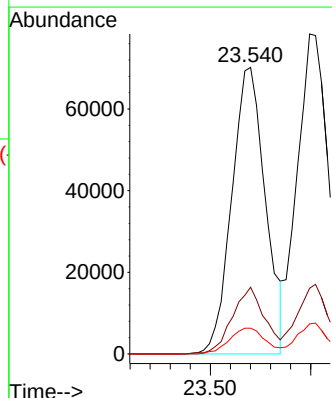
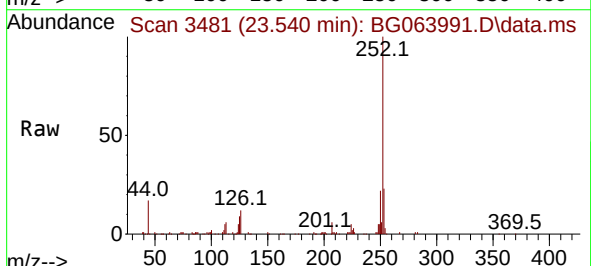
Tgt Ion:252 Resp: 163445

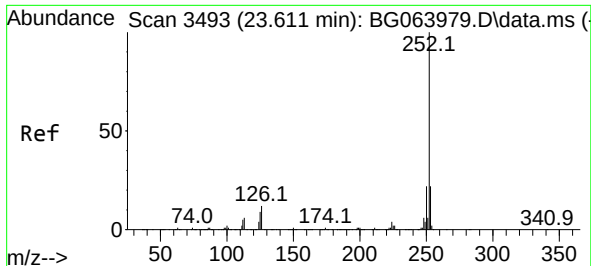
Ion Ratio Lower Upper

252 100

253 23.3 16.9 25.3

125 9.0 7.9 11.9

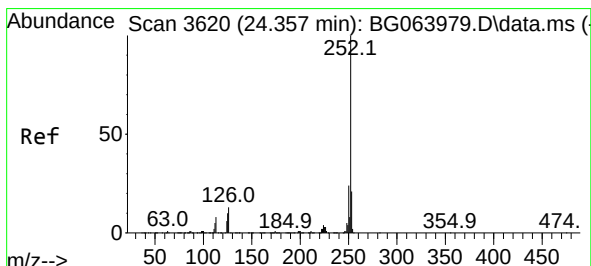
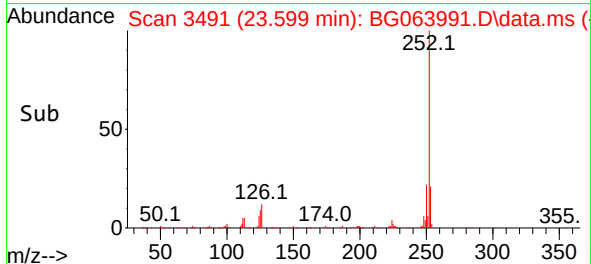
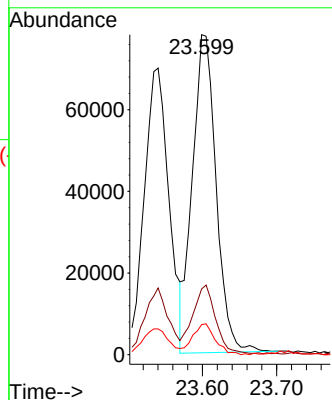
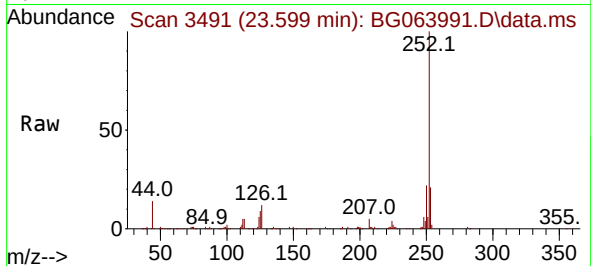




#89
Benzo(k)fluoranthene
Concen: 6.491 ng
RT: 23.599 min Scan# 3491
Delta R.T. -0.012 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

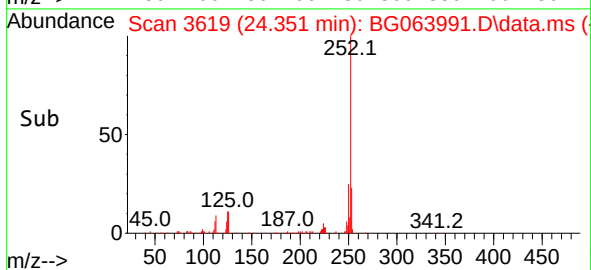
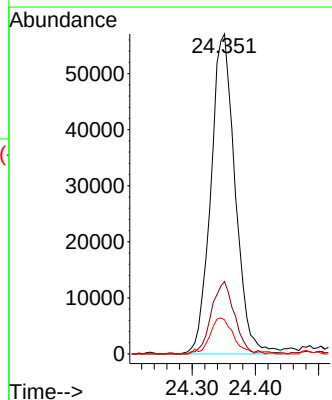
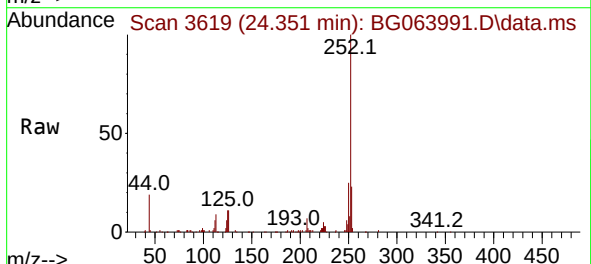
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

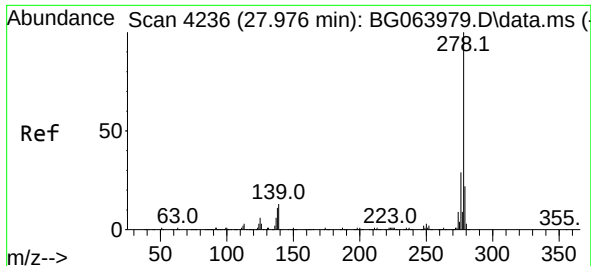
Tgt Ion:252 Resp: 172919
Ion Ratio Lower Upper
252 100
253 20.6 17.7 26.5
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 6.586 ng
RT: 24.351 min Scan# 3619
Delta R.T. -0.006 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:252 Resp: 152516
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.6 7.9 11.9

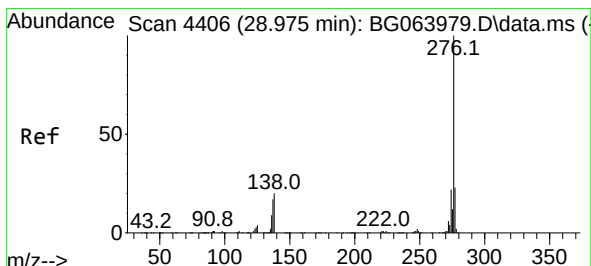
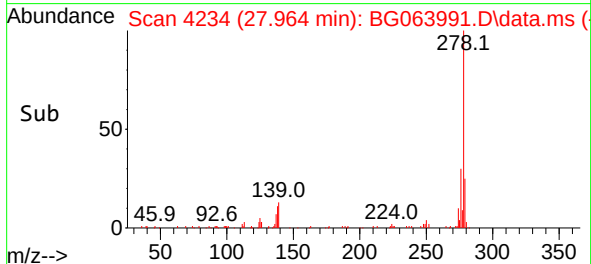
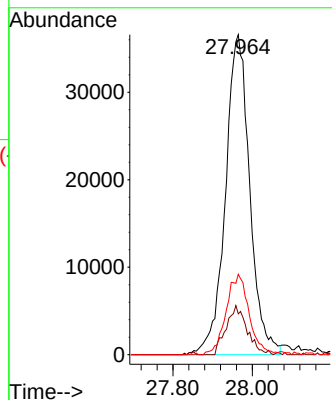
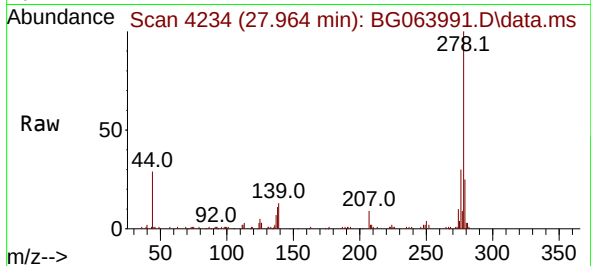




#91
Dibenzo(a,h)anthracene
Concen: 6.488 ng
RT: 27.964 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:278 Resp: 155714
Ion Ratio Lower Upper
278 100
139 12.8 10.8 16.2
279 25.1 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 6.388 ng
RT: 28.946 min Scan# 4401
Delta R.T. -0.029 min
Lab File: BG063991.D
Acq: 4 Feb 2025 15:10

Tgt Ion:276 Resp: 154788
Ion Ratio Lower Upper
276 100
277 27.4 18.2 27.4#
138 17.0 15.8 23.6

